APPENDIX A

Health and Safety Plan

GEOCON
CONSULTANTS, INC.

GEOTECHNICAL
ENVIRONMENTAL
MATERIALS

HEALTH AND SAFETY PLAN

AIR MONITORING METAL SHREDDING FACILITIES STATEWIDE

SA RECYCLING – TERMINAL ISLAND
901 NEW DOCK STREET
SAN PEDRO, CALIFORNIA 90731

PREPARED FOR
CALIFORNIA DEPARTMENT OF TOXICS
SUBSTANCES CONTROL
P.O. BOX 806
SACRAMENTO, CALIFORNIA 95812-0806

PREPARED BY

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PROJECT NO. S9850-03-21

OCTOBER 2016

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HEALTH AND SAFETY PLAN SUMMARY

Site Name & Contact:

SA Recycling Terminal Island
Frank Rojas, Safety Manager
Office No.: **310.221.4900**
Facility Security/ER No.: **714.864.2182** – Cell No.

Site Locations/Addresses: 901 New Dock Street, San Pedro, California 90731

Project Representatives:

• Program Manager:	**Jim Brake**	**916.870.1180** - Cell No.
• Project Manager:	**Josh Ewert**	**916.212.5168** - Cell No.
• Project Safety Officers:	**Cord Dennig**	**916.397.6413 –** Cell No.
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• Certified Industrial Hygienist:	**Doug Krause**	**530.848.9232** - Cell No.
	Geocon Office No.:	**530.758.6397**
• DTSC Project Manager:	**Ed Benelli**	**916.324.6564**

Scope:

- General survey activities
- Ambient perimeter air monitoring

Hazard Summary:	**Control Summary:**
• Mechanical - material handling, slip/trip, struck-by injuries	• Personal Protection Equipment - Safety vests/hard hats/safety glasses/steel-toed boots
• Noise – Air monitoring & facility equipment	• Hearing Protection – plugs or muffs
• Overhead Utilities	• Site Inspection - utility identification
• Biological – poison oak, biting insects (vectors) or animals	• Site inspection/awareness, appropriate dress (long pants), repellent, wasp spray
• Thermal Extremes – heat stress	• Appropriate dress, shaded rest breaks, fluids
• Chemical – T22 (CAM 17) Metals, petroleum hydrocarbons	• De minis exposure risk; sanitation

Hospital Reference: Long Beach Memorial Medical Center **562.933.2000**
1000 W Carson Street,
Torrance, California 9050

Hospital Directions: From the Site proceed northeast on New Dock Street (0.6 mi); Turn right onto Pier S Avenue (0.2 mi); Use the second from the right lane to on ramp I-710 N (0.3 mi); Keep left and follow signs for Piers B-J/Downtown/I 710 N; Take I-710 N for 4.1 mi.; Take exit 4 for I-405 S.; Follow signs for I-405 S/Sand Diego (1.4 mi); Take exit 30A for Atlantic Avenue (0.2 mi); Continue on Atlantic Avenue for 0.4 miles, the hospital will be on the right (see Vicinity Map, Figure 1).

Emergency Assistance:

Fire/Police/Medical Assistance:	**911 (Emergency)**
Police Department of Port:	**310-372-3480**
Poison Control:	**(800) 222-1222 (Statewide)**

1.0 INTRODUCTION

This Health and Safety Plan (HSP) is a compilation of health and safety guidelines, policies and/or performance protocols that, when exercised, are intended to reduce or eliminate the potential for injury and exposure during the performance of the activities at the site described below. Conformance with its contents does not warrant that injuries or exposures will not occur.

This HSP is not a training tool and does not contain the degree of detail necessary to train an employee on the appropriate performance, approach and/or equipment-use protocols referenced, herein. Persons working on this project and referring to this HSP shall meet the minimum training requirements described in Section 2.2.

This HSP has been prepared to specifically support the field activities described herein. The provisions described herein apply to employees of Geocon Consultants, Inc. and its subcontractors, only. Representatives of the Client, Client-retained subcontractors, and representatives of State or local government agencies are expected to observe the safety rules and requirements established by their respective organizations, provided they do not conflict with this HSP. However, Geocon will not be responsible for enforcing the conditions of this HSP on these representatives.

The contents of this HSP are based on factors and conditions understood prior to the start of the field activities. If those factors and conditions change during the performance of the activities, including the service scope, or if conditions exist that were not considered in the preparation of this HSP, then such shall be brought to the immediate attention of the person approving this HSP, and the HSP shall be modified, accordingly.

All project personnel, will review and become familiar with the elements of the Plan prior to site work. A copy of the Plan will be provided to all subcontractors and the Client or designees involved with project activities.

A pre-job conference will be held to delineate roles and responsibilities, discuss key elements of the Plan, and coordinate activities. This Plan is a "working document" to be used by affected personnel. The Plan may be modified at any time in accordance with Section 1.4 to adequately address changing conditions or previously unrecognized exposure hazards which may be encountered during the project. An updated, current copy of the Plan will be maintained at the project site during and be available to all affected personnel.

This Plan expires 6 months from the date of CIH approval unless updated or amended; ref. T8 CCR §1532.1(e)(2)(E) Lead: “Written programs shall be revised and updated at least every 6 months.”

1.1 Project Location

Site Addresses: SA Recycling Terminal Island
901 New Dock Street
San Pedro, California, 90731

1.2 Project Description

Metal shredding facilities process end-of-life vehicles, appliances, and other forms of scrap metal to recover iron, steel, aluminum, and copper for re-use in new metal products. The metal shredding process generates large amounts of metal shredder waste, which consists of plastics, rubber, glass, foam, fabrics, automobile fluids, dirt, and residual metals. The metal shredding process can also potentially create significant amounts of environmental contamination in the forms of storm water runoff, contaminated soil, contaminated groundwater, and fugitive air emissions. The focus of the scope of services described in this SAP is on fugitive air emissions from facilities generating and/or receiving metal shredding waste.

Although metal shredding waste typically does not exceed the federal regulatory levels established by the Resource Conservation and Recovery Act (RCRA), metal shredder waste has been regulated as a California-only, non-RCRA hazardous waste since 1984 because residual levels of copper, lead, and zinc often exceed California's more stringent regulatory thresholds. Six large metal shredding facilities are currently authorized by DTSC to conduct metal shredding operations. Five of the facilities treat the metal shredding waste with a cement product which is intended to reduce the solubility of the metals and render the waste less hazardous. The sixth facility transfers their waste out of state for further processing. The treated waste is then disposed of in Class II or Class III landfills, where it is largely used as alternative daily cover.

Senate Bill (SB) 1249 (Hill, Chapter 756, Statutes of 2014) became law on January 1, 2015 and requires the DTSC to evaluate the risks and threats posed by the production and management of metal shredding waste. SB 1249 authorizes the DTSC to develop alternative management standards for metal shredding facilities. The DTSC has developed a 3-year plan to conduct the evaluation required by SB 1249, which includes an assessment of the potential impacts of off-site migration of air emissions.

1.3 Project Objectives

The project task is to assess the airborne concentrations of the following constituents of potential concern (COPCs) from the perimeters of a cross-section of metal shredding facilities in a variety of geographic conditions across the state of California:

- particulate matter (PM) in the form of total suspended particulates (TSP);
- PM less than 10 micrograms (µm) (PM_{10});
- PM less than 2.5 µm ($PM_{2.5}$);

- asbestos;
- metals including aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, manganese, molybdenum, nickel, selenium, silver, tin, vanadium, and zinc; and
- toxic organic species (TOS) including benzene, chloromethane, 1,1-dichloroethene, ethylbenzene, 4-ethyltoluene, dichlorodifluoromethane [also known as (aka) Freon 12], trichlorofluoromethane (aka Freon 11), 1,2,4-trimethylbenzene, toluene, 1,3,5-trimethylbenzene, xylenes, vinyl chloride, poly-chlorinated biphenyls (PCB), and formaldehyde.

The DTSC intends to use the data generated from air monitoring to determine the potential for emissions from facilities generating and/or receiving metals shredding waste and evaluate the risk to sensitive populations using the criteria developed for the California Air Resources Board (ARB) Air Toxic Hot Spots Program Air Toxics “Hot Spot” Program [the Air Toxics Hot Spots Information and Assessment Act, Assembly Bill 288 (Connelly) as amended by SB 1731 (Calderon)].

1.4 Planned Scope of Services

- General non-intrusive survey activities
- Facility perimeter ambient air monitoring

1.5 Schedule

Anticipated Period of Performance:	October 2016
Anticipated Weather/Temperature:	Moderate

2.0 ADMINISTRATIVE REQUIREMENTS/CONTROLS

2.1 Personnel

Personnel responsible for project safety include the Project Manager, the Project Safety Officer (PSO), the Certified Industrial Hygiene (CIH) consultant, and participating project personnel.

2.1.1 Project Manager

The Project Manager is responsible for development, or assigning development of the HSP, and auditing compliance with the provisions of this HSP. The Project Manager is also responsible for ensuring the HSP is reviewed and approved by the Site Safety Officer and for distributing the Plan to the client and authorized representative of each project subcontractor. In addition, the Project Manager is responsible for:

- Reviewing the HSP requirements (if prepared by another project member);

- Designating/identifying a qualified project member as the PSO;
- Providing the safety equipment specified herein;
- Collecting and submitting the requisite health and safety documentation (training rosters/certificates, air monitoring records (exposure assessments); site personnel logs, medical approvals), and copying them to the PSO, if appropriate; and,

  Note: Air monitoring and exposure assessment records will be maintained in accordance with the provisions of T8 CCR §3204, Access to Employee Exposure and Medical Records as well as requirements in T8 CCR T8 CCR Article 110 Regulated Carcinogens and §1532.1 Lead.
- Reporting all Plan amendments to the Certified Industrial Hygiene (CIH).

2.1.2 Project Safety Officer

The designated PSO has ultimate authority and responsibility for project health and safety, including approval and implementation of this Health and Safety Plan any applicable addenda. Accordingly, he/she has authority to: suspend project activities or modify service practices for health and safety reasons; and, to dismiss from a project site subcontractors or individuals whose onsite conduct either endangers the health and/or safety of others or is judged not to comply with the provisions of this Plan. Implementation of the Plan includes:

- Presenting an overview of the provisions of the HSP with project participants;
- Enforcing the provisions of this HSP;
- Maintaining project safety equipment supplies;
- Performing air monitoring, if and as specified herein, ref: T8 CCR Article 110 Regulated Carcinogens – asbestos, arsenic, cadmium, chromium VI, benzene, vinyl chloride and formaldehyde, and inorganic lead a toxic substance;
- Directing decontamination procedures, as appropriate;
- Setting up Site Controls, if and as specified herein;
- Directing emergency response operations until public emergency personnel arrive; and,
- Reporting all incidents and infractions to the Project Manager.

The PSO has the authority to suspend project activities any time he/she determines that the provisions of the HSP are inadequate to provide a service/project environment conducive to employee safety. Further, the PSO is to inform the Project Manager of any individuals whose onsite actions jeopardize either their health and safety or the health and safety of others.

2.1.3 Certified Industrial Hygienist (CIH)

The Certified Industrial Hygienist (CIH) provides industrial hygiene and safety technical support to the Project Manager and PSO. In this capacity he:

- Reviews and approves this Plan when ready for implementation;
- Provides training, as requested;

- Approves or recommends airborne sampling strategies and monitoring equipment;
- Provides technical support for the selection and use of Personal Protective Equipment (PPE); and,
- Provides arbitration on project health and safety issues.

2.1.4 Air Monitoring Field Staff

All project personnel are responsible for:

- Complying with the provisions of this HSP;
- Performing services in a manner that is consistent with good health and safety practice; and
- Reading and being knowledgeable of the contents of this HSP.

2.2 Personnel Training

2.2.1 General Site Employees

Site employees will attend a project orientation prior to starting the project. The orientation will review all elements of the HSP, including: 1) A review of facility operations and potential health and safety hazards; 2) Personal protective equipment required to be worn/used when working at the facility; 3) Review of the facility workplace safety rules; and 4) Review of the facility emergency response and evacuation procedures.

The training will also address other Cal/OSHA requirements such as the Geocon Hazard Communication Program (T8 CCR §5194), including the potential hazards of exposure to potential airborne contaminants include in the air monitoring protocols.

Anticipated characterization tasks to be performed under this HSP are considered Hazardous Waste Operations as defined by T8 CCR §5192 “Hazardous Waste Operations and Emergency Response.” All project personnel will have successfully completed all applicable training requirements outlined in T8 CCR §5192(e), "Training" (40-hour Certificate and current annual Refresher Training).

2.2.2 Supervisors and Managers

Geocon employees whose responsibilities include onsite supervising or managing project tasks as defined under T8 CCR §5192(e)(4) shall hold a Supervisor Certificate documenting at least eight additional hours of specialized hazardous waste operations management training.

2.2.3 “Tailgate” Meetings

During the on-site air monitoring project the Project Manager or designee will conduct regular “tailgate” safety briefings. The briefing will include information on the following topics as applicable:

- Changes to the air monitoring strategy;

- Recognized changes to facility operations or conditions which may present a new or previously unrecognized hazard;
- Feedback from air monitoring staff on hazards, safety suggestions, or concerns; and
- Recognition for compliance, good safety performance or attitude.

Attendance at the tailgate meetings is considered a part of each employee's job responsibilities.

2.3 Medical Surveillance

Potential airborne exposure risk associate with this ambient air monitoring project are considered to be de minimis relative to workplace standards published by Cal/OSHA. For example, Negative Exposure Assessments from industrial hygiene monitoring for arsenic and inorganic lead performed for other field tasks, which is representative of potential exposure risks to other toxic metals, are well below the 5 microgram per cubic meter (µg/m^3) Action Level for arsenic (ref. T8 CCR §5214) and 30 µg/m^3 Action Level for inorganic lead (ref. T8 CCR § 1532.1).

Therefore exposure assessments are not justified and Medical Surveillance as specified under T8 CCR §5192 or other applicable Cal/OSHA standards are not required for personnel assigned to this project.

Geocon subcontractor employees who may be required to wear respiratory protection related to facility health and safety requirement shall have a current medical evaluation and approval by a physician or other licensed health care professional (PLHCP). Medical evaluations will be provided in accordance with the Geocon Respiratory Protective Equipment Program (ref. T8 CCR §5144(e) "Medical Evaluation").

3.0 HAZARD AND CONTROL ANALYSIS

The following hazards were assessed to either exist, or have the potential to develop, during the performance of the project activities:

	HAZARDS							
TASKS	MECHANICAL	UNDERGROUND/OVER-HEAD UTILITIES	NOISE	BIOLOGICAL	RADIOLOGICAL	THERMAL	CHEMICAL	OTHER
Work-related driving	X							
General non-intrusive activities	X	X	X	X		X	X	
Ambient Perimeter Air Monitoring	X	X	X	X		X	X	

3.1 Safe Driving

Hundreds of workers are injured or die in job-related motor vehicle accidents annually. Motor vehicle accidents are one of the number-one causes of employee injuries and deaths. Most accidents can be avoided by practicing defensive driving. Geocon policies mandate that employees:

- Prepare themselves and their vehicle for the road before travel;
- Drive according to posted speed limits unless adverse conditions necessitate slower speeds, particularly if trailering loads with sampling equipment, portable generators, etc.;
- Never tailgate, employ the three (3) second rule in following vehicles;
- Fully comply with California Vehicle Code and other local laws and regulations regarding the use of cellular phones for communication while driving - talking on a cell phone and/or texting while driving is not only a significant hazard to yourself and others, but also violates Geocon H&S policy; and,
- Use practical driving procedures in cities, on the freeway, and in rural areas.

3.2 Mechanical Hazards

Type(s)/Source:

- Material Handling/Back Injury
- Striking (slips, trips); and
- Struck-by injuries (vehicle traffic)

Qualified Exposure Risk: Moderate

Hazard Control(s):

- Safe Lifting
- Isolation (lane/shoulder closure traffic control/work methods/no work during inclement weather or darkness)
- PPE – ANSI approved yellow-green or orange reflective safety vests; hard hats; safety-toe shoe or boot; safety glasses

3.2.1 Material Handling/Back Injury

Hazard: It is expected that field personnel may be required to lift heavy equipment and supplies and/or perform arduous tasks during this project. Accordingly, back injuries or physical strain may be caused by: routine lifting or one-time-only lifting; the weight of a lifted object; the frequency of lifting; bending, twisting, or rotating during lifting; prolonged sitting; exposure to vibrations; poor arch support in shoes; and, not stretching prior to physical activity. If the following “control” mechanisms are not exercised, debilitating back injury may occur.

Control(s): Before attempting to lift and carry an object, always test its weight first. If it is too heavy, get help. If possible, use mechanical lifting aids. If manageable, the proper method for lifting is:

- Get a good footing;
- Place feet about shoulder width apart;
- Bend knees to pick up load. Never bend from the waist;
- Keep back straight;
- Get a firm hold. Grasp opposite corners of the load, if possible;
- Keep the back as upright as possible;
- Lift gradually by straightening the legs - don't jerk the load;
- Keep the weight as close to the body as possible; and
- When changing directions, turn the entire body, including the feet. Don't twist the body.

If devices are used for handling materials manually (e.g., two-handed lifters, barrel ring clamps, hand trucks, wheelbarrows, etc.), wear protective equipment like gloves and safety shoes to minimize the potential of appendages becoming pinched or smashed between the load and stationary features. Also, avoid overloading the device.

3.2.2 "Striking" Injuries

Hazard: Injuries can, and often, result when a person (a kinetic mass) unexpectedly instigates contact with another kinetic mass. These occurrences typically result from inadvertent slips, trips and falls.

Control(s): To minimize risks of “slip/trip” hazards, personnel shall maintain a constant program of good housekeeping, keeping areas clear of trip hazards and wet and slippery surfaces. All hand tools shall be regularly secured and care shall be taken when entering areas where work is being performed above eye level.

3.2.3 "Struck-by" Injuries

Hazard: Injuries can and often result when workers are the unexpected receptor of contact with another kinetic mass. These occurrences typically result from the worker being struck by a dropped or collapsed mass, a moving piece of equipment, machinery or more possibly industrial trucks or vehicles operating at the facility.

Control(s): Geocon employees will be required to wear hard hats, safety glasses and ANSI approved safety vests, as well as facility required safety equipment and adhere to the facilities safety requirements when operating within facility boundaries.

Air monitoring staff shall maintain a constant awareness of facility operations and traffic patterns of industrial trucks and haul vehicles throughout the duration of on-site monitoring tasks.

3.3 Overhead Utility Hazards

Type(s)/Source:	Overhead – electrical and communications cables
Qualified Exposure Risk:	Moderate – operating of scissor lifts

Controls: Prior to site work involving extended lift heights using either scissor lifts or portable scaffolds, a site inspection will be conducted to identify potential overhead hazards such as power or communication lines. A clearance of at least 10 feet will be maintained between overhead power lines any lift or air monitoring equipment.

3.4 Noise Hazards

Equipment operated at sampling sites may present a noise hazard to employees. In all cases where the sound pressure levels may exceed a time-weighted average noise dose of 85 decibels (the Action Level), the Project Manager will evaluate exposures according to the Geocon Hearing Conservation Program (ref. T8 CCR §§5095-5100). Selection of hearing protection will be made in accordance with the Geocon Safety Equipment Guide. Only hearing protectors (ear plugs or muffs) with a Noise Reduction Rating of 20 dB, or higher, will be used. When worn, earmuffs will be donned in the "over the head" position with the hair pulled back from the sealing surface.

Note: In general, noise levels in excess of 85 dBA interfere with communication between two individuals speaking in a normal tone of voice at a distance of 3 feet from one another.

3.5 Biological Hazards

Type(s)/Source:	Biting insects (mosquitoes, wasps, bees & ticks) and animals; Valley Fever (cocci) inhalation coccidioidomycosis fungal spores.
Qualified Exposure Risk:	Low to moderate (cocci – dependent on dry soil conditions)

Primary Control(s):

- Site inspection & isolation/avoidance of poison oak;
- PPE (Gloves/boots/long-sleeve shirts);
- Insect repellent, barrier crèmes, wasp spray;

Hazard: Contact with insects and animals likely to be present at the site should be avoided. Stinging and biting insects, including bees, spiders, and ticks, can cause extreme discomfort and/or serious allergic responses. Insect bites are generally not dangerous, unless they are from a poisonous insect or mosquitoes potentially carrying West Nile and Zika virus.

Valley Fever - San Joaquin (Central) Valley of California has reported cases of “cocci” due to inhalation of dust from soils impacted by coccidioidomycosis fungal spores, which if infected can cause flu-like symptoms or pneumonia. In most people the infection will go away on its own but all persons with symptoms should see a healthcare provider. Although it is difficult to prevent Valley Fever, the best way to reduce risk is to avoid breathing in airborne dust from dirt in areas where Valley Fever is common; ref Attachment A – Valley Fever (Cocci) Fact Sheet.

The primary concern with animal bites and scratches is the potential for infection and/or rabies. Snake or scorpion bites can also be dangerous, but more from infection or trauma than the toxins injected by the snake or scorpion.

Control(s) – Biting Insects: Before beginning fieldwork each day, inspect the work area for the presence of standing water and inhabitant reptiles and take measures necessary to minimize the potential for contact. Specially prepared topical barriers and insect repellent containing approximately 50% DEET, or picaridin, IR3535, oil of lemon eucalyptus, or para-menthane-diol for long lasting protection for protecting exposed skin from biting insects. These products are commercially available and may minimize the potential for development of skin rashes and/or irritations due to such exposures; apply insect repellent sparingly to exposed skin.

Note: Avoid contacting plastic zippers or other plastic closure mechanisms on clothing, equipment bags, etc., with DEET containing crème which will cause these materials to degrade.

If you are allergic to bee or wasp stings, be sure to have the appropriate first aid available (e.g., an epi-pen) on the project. If you are stung, administer first aid and seek immediate medical attention.
Be sure a reptile or animal bite victim obtains medical attention quickly if a bite or scratch occurs, especially if there is a potential that it was poisonous. In the meantime, administer First Aid by scrubbing the wound with soap and water, and rinsing thoroughly under running water. Dry off and place a clean bandage on the wound. Victims of these bites should lie down and remain calm and motionless; cold packs should be applied and medical attention sought immediately.

3.6 Thermal Hazards – Heat Stress

Type(s)/Source:	Solar load – working outdoors in summer months
Qualified Exposure Risk:	Low to moderate; daytime temps may exceed 85 degrees F
Primary “Control”:	Compliance with T8 CCR §3395 Heat Illness Prevention Dress appropriately for the expected weather conditions; Adequate supply of drinking water, fluid consumption.

Hazard: In addition to the chemical, physical and operational hazards referenced above, heat stress may present a potential hazard to onsite personnel during the on-site operations. This hazard can be created when individuals work in warm temperatures while wearing relatively impervious chemical protective clothing (CPC), i.e., Tyvek™ coveralls. When ambient air temperatures at a project site exceed approximately 75 degrees Fahrenheit when CPC is worn, heat stress can result.

Also, when ambient air temperatures at a project site exceed 85 to 95 degrees Fahrenheit, heat stress is a potential risk regardless if CPC is worn or not worn. If these conditions are encountered, the following precautions shall be implemented:

Controls: The PSO will regularly monitor daily weather forecasts and monitor ambient air temperatures. In addition, routinely observe and monitor archaeology field staff for signs and symptoms of heat stress including: dizziness, profuse sweating or lack of perspiration (hot dry skin), and skin color change – flush appearance. If necessary, monitor for increased heart rate and potential vision problems. Personnel who exhibit any of these symptoms will immediately be removed from field work to a shaded location, and required to consume 2 to 4 pints of cool water while resting. Individuals exhibiting symptoms of heat stress should not return to work until the symptoms are no longer recognizable.

Note: If symptoms of hot, dry skin or other critical symptoms appear, immediately implement emergency medical procedures by dialing 911. While awaiting the arrival of emergency medical services attempt to cool the individual’s body by saturating their upper clothing (shirt) with cool, but not chilled or cold water.

To control the potential occurrence of heat stress, preventive measures will be evaluated and implemented on a daily basis (ref. T8 CCR §3395 Heat Illness Prevention). These measures will include:

- Schedule periodic cooling and rest (recovery) periods in a shaded area (ref. T8 CCR §3395(d) Heat Illness Prevention);
- Designated shaded rest areas, or portable shade structures must be available when the ambient daily high temperature is predicted to exceed 85 degrees Fahrenheit, or 75 degrees Fahrenheit if CPC will be required to be worn; and,
- Inducement of water intake, the equivalent quantity of 1 quart of water per hour per on-site archaeology staff (2 gallons per person) be available before work begins unless provisions for immediate water replenishments are available (nearby store, plumbed water supply, etc.). Water must always be replenished before running out (ref. T8 CCR §3395(c) Heat Illness Prevention).

The implementation frequency of these measures will be the responsibility of the PSO.

3.7 Chemical Hazards

Potential airborne exposure risk associate with this ambient air monitoring project are considered to be de minimis relative to workplace standards published by Cal/OSHA; ref. Section 2.3 Medical Surveillance.

Detailed information regarding the physical description of asbestos, toxic metals and toxic organic compounds identified in Section 1.3 Project Objectives, including health hazards, routes of entry into the body, signs and symptoms of exposure, target organs, chemical and physical properties are available in Attachments B - Asbestos, C, D, E and F – Toxic Metals , and Attachment G – Toxic Organic Compounds. The chemical guides for representative toxic metals and organic compounds are published by the National Institute for Occupational Safety and Health (NIOSH); the Substance information sheets for Cal/OSHA regulated carcinogens - Asbestos, Arsenic, Cadmium and Lead are Appendices H or A of T8 CCR §§1529, 5214, 1532 and 1532.1 respectively; the hazards of Chromium VI, T8 CCR 1532.2 are covered in the NIOSH Guide.

3.7.1 Asbestos or Asbestos-Containing Materials (ACM)

Types/Source: Airborne asbestos fibers, asbestos containing materials (ACM) and asbestos containing building materials (ACBM) – potential pollutants from metal shredding operations.

Exposure Route: Inhalation; ref. Attachment B - T8 CCR §1529 Asbestos - Appendix H

CHEMICAL NAME CAS #	ROUTES OF ENTRY	PUBLISHED EXPOSURE LIMITS		
		CATEGORY	CONCENTRATION	SOURCE
Asbestos (including actinolite, amosite, anthophyllite, chrysotile, crocidolite and tremolite 1332-21-4	Inhalation Ingestion	PEL-TWA PEL-Excursion Limit	0.1 fiber/cc 1.0 fiber/cc	Cal/OSHA

†PEL – Permissible Exposure Limit; TWA – 8-Hour Time-Weighted Average Exposure

3.7.2 Toxic Metals

Type(s)/Source: Potential pollutants from metal shredding operations.

Aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, manganese, molybdenum, nickel, selenium, silver, tin, vanadium and zinc.

Exposure Route(s): Inhalation and ingestion; ref. Attachment C – Toxic Metals

CHEMICAL NAME AND CAS #	ROUTES OF ENTRY	PUBLISHED EXPOSURE LIMITS		
		CATEGORY	CONCENTRATION	SOURCE
Title 22 Metals, Elemental, Inorganic Compounds	Inhalation, Ingestion, Dermal Contact	PEL-TWA†	0.0005 to 5 mg/m^3	Cal/OSHA

3.7.2.1 Arsenic

T8 CCR GISO Article 110 Regulated Carcinogen §5214

Exposure Route: Inhalation, ingestion, skin contact; ref. Attachment D - T8 CCR §5214 Inorganic Arsenic - Appendix A

CHEMICAL NAME AND CAS #	ROUTES OF ENTRY	PUBLISHED EXPOSURE LIMITS		
		CATEGORY	CONCENTRATION	SOURCE
Arsenic 7440-38-2	Inhalation, Ingestion	PEL-TWA Action Level	10 µg/m^3 5 µg/m^3	Cal/OSHA

3.7.2.2 Cadmium

T8 CCR GISO Article 110 Regulated Carcinogen §1532

Exposure Route: Inhalation, ingestion; ref. Attachment E - T8 CCR §1532 Cadmium - Appendix A

CHEMICAL NAME AND CAS #	ROUTES OF ENTRY	PUBLISHED EXPOSURE LIMITS		
		CATEGORY	CONCENTRATION	SOURCE
Cadmium 7440-43-9	Inhalation, Ingestion	PEL-TWA	5.0 µg/m^3	Cal/OSHA

3.7.2.3 Inorganic Lead

T8 CCR CSO §1532.1

Exposure Route: Inhalation and ingestion; ref. Attachment F - T8 CCR §1532.1 Lead - Appendix A

CHEMICAL NAME CAS #	ROUTES OF ENTRY	PUBLISHED EXPOSURE LIMITS		
		CATEGORY	CONCENTRATION	SOURCE
Lead, Elemental & Inorganic Compounds 7439-92-1	Inhalation & Ingestion	PEL-TWA Action Level	50 µg/m^3 30 µg/m^3	Cal/OSHA
Lead Chromate as Pb Lead Chromate as Cr 7758-97-6	Inhalation & Ingestion	PEL-TWA$_{Pb}$ PEL-TWA$_{Cr}$	20 µg/m^3 5 µg/m^3	

3.7.2.4 Chromium VI (Hexavalent Chromium)

T8 CCR GISO Article 110 Regulated Carcinogen §1532.2

Exposure Route: Inhalation and ingestion; ref. Attachment C - NIOSH Guide Page 5

CHEMICAL NAME & CAS #	ROUTES OF ENTRY	PUBLISHED EXPOSURE LIMITS		
		CATEGORY	CONCENTRATION	SOURCE
Chromium VI 7440-47-3	Inhalation, Ingestion skin contact	PEL-TWA	5.0 µg/m^3	Cal/OSHA

3.7.3 Toxic Organic Compounds

Types/Source: Fuel, lubricants, waste oils, refrigerants as potential pollutants from metal shredding operations

Exposure Route: Inh., skin abs; ref. Attachment G - NIOSH Guides Toxic Organic Compounds

3.7.3.1 Benzene

T8 CCR GISO Article 110 Regulated Carcinogen §5218

Exposure Route: Inhalation and ingestion; ref. Attachment H - T8 CCR §5218 Benzene – Appendix A

CHEMICAL NAME & CAS#	ROUTES OF ENTRY	PUBLISHED EXPOSURE LIMITS		
		CATEGORY	CONCENTRATION	SOURCE
Benzene 71-73-2	Inhalation Skin Absorption	PEL-TWA STEL‡	1 ppm 5 ppm	Cal/OSHA

‡STEL – Short-Term Exposure Limit (15 minute TWA)

3.7.3.2 Vinyl Chloride

T8 CCR GISO Article 110 Regulated Carcinogen §5210

Exposure Route: Inhalation and ingestion; ref. Attachment C - NIOSH Guides page 4

CHEMICAL NAME & CAS#	ROUTES OF ENTRY	PUBLISHED EXPOSURE LIMITS		
		CATEGORY	CONCENTRATION	SOURCE
Vinyl Chloride 75-01-4	Inhalation Skin Absorption	PEL-TWA STEL Action Level	1 ppm 5 ppm 0.5 ppm	Cal/OSHA

3.7.3.3 Formaldehyde

T8 CCR GISO Article 110 Regulated Carcinogen §5217

Exposure Route: Inhalation and ingestion; ref. Attachment I - T8 CCR §5217 Formaldehyde - Appendix A

CHEMICAL NAME & CAS#	ROUTES OF ENTRY	PUBLISHED EXPOSURE LIMITS		
		CATEGORY	CONCENTRATION	SOURCE
Formaldehyde 50-00-0	Inhalation Skin Sensitizer	PEL-TWA	0.75 ppm	Cal/OSHA

3.7.2.3 Aromatic Petroleum Distillates

T8 CCR GISO §5155 Table AC-1 Permissible Exposure Limits for Airborne Contaminants

CHEMICAL NAME & CAS#	ROUTES OF ENTRY	PUBLISHED EXPOSURE LIMITS		
		CATEGORY	CONCENTRATION	SOURCE
Methyl Chloride (Chloromethane) 74-87-3	Inhalation	PEL-TWA STEL Ceiling	50 ppm 100 ppm 300 ppm	Cal/OSHA
1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chloride) 75-34-4	Inhalation	PEL-TWA	1 ppm	Cal/OSHA
Ethylbenzene 100-41-4	Inhalation	PEL-TWA STEL	100 ppm 125 ppm	Cal/OSHA
4-Ethyltoluene 622-96-8	Inhalation	PEL-TWA	Not Established	Cal/OSHA
Dichlorodifluoromethane 75-71-8 (Freon 12)	Inhalation	PEL-TWA	1000 ppm	Cal/OSHA
Trichlorofluoromethane 75-69-4 (Freon 11)	Inhalation	PEL-TWA	1000 ppm	Cal/OSHA
Trimethylbenzene All isomers	Inhalation	PEL-TWA	25 ppm	Cal/OSHA
Toluene 108-88-3	Inhalation Skin Absorption	PEL-TWA STEL Ceiling	10 ppm 150 ppm 500 ppm	Cal/OSHA
Xylenes 1330-20-7	Inhalation	PEL-TWA STEL Ceiling	100 ppm 150 ppm 300 ppm	Cal/OSHA
Chlorodiphenyl (PCB 42%) 53469-21-9	Inhalation Skin Absorption	PEL-TWA	1 mg/m^3	Cal/OSHA
Chlorodiphenyl (PCB 54%) 11097-69-1	Inhalation Skin Absorption	PEL-TWA	0.5 mg/m^3	Cal/OSHA

4.0 GENERAL HEALTH AND SAFETY REQUIREMENTS

4.1 Personal Hygiene

The PSO will establish hand-wash facilities, including clean water, hand soap, waterless hand cleaner, sanitary wipes and clean towels at the facility IF the facility bathrooms are not made available. All Geocon personnel leaving the project site will wash hands prior to leaving the project facility. In addition, the following procedures will be followed to ensure worker protection against potential exposure through ingestion:

- Eating, drinking, chewing gum or tobacco, smoking, or any practice that increases the probability of hand-in-mouth transfer and ingestion of material is prohibited while working in or around the project facility.
- Hands and face must be thoroughly washed upon leaving the facility, and before eating, drinking, or other non-project activities.

4.2 Buddy System

Project personnel are to work with another person when performing ambient air monitoring tasks; a facility representative can serve as the second person while the work is being conducted during regular business hours. Under no circumstances, other than completion of air monitoring documentation paper work are project personnel to work alone at the facility.

4.3 Work Zone Controls

Although formal work zones will not be required for this project, air monitoring stations will be isolated using traffic cones and/or safety/caution sandwich boards.

4.4 Code of Safe Practices

General safe work practices to be utilized by all project personnel are summarized below:

- All nonessential personnel will be kept clear of work areas.
- The use of entertainment and personal communication devices in the work zone shall not be allowed.
- Adequate signs and safety devices will be installed on equipment.
- All site employees will wear assigned personal protective equipment and level of protection as designated by the PSO.
- Eating, drinking, smoking, chewing gum or tobacco, or application of cosmetics is allowed in designated areas only.
- At a minimum, all personnel will wash with soap and water before lunch, using the restroom, and at the end of work. The face and hands shall be washed before eating, drinking, smoking, chewing gum, applying cosmetics, etc.
- Over-the-counter drugs and prescription medications must be reported to the PSO for clearance before an employee is allowed to operate high-volume samplers or associate equipment, i.e., portable generators.
- When portable electric tools and equipment are used, three-wire extension cords are required.
- Employees will advise their supervisors of any malfunctioning equipment immediately.
- An ongoing safety maintenance program for tools and equipment will be instituted. Inspections will occur on a regular basis to ensure parts are secure and intact. Defective equipment will be repaired or replaced.
- Appropriate engineering controls and equipment guards will be installed on tools and equipment. This includes seat belts and backup warning lights and signals.
- A list of names of personnel who are trained in CPR and first aid shall be available.
- Labels shall be placed on containers of hazardous materials.
- No one will work alone; the "buddy system" shall be implemented for all field work.
- Employees shall be trained to identify effects and symptoms of toxic exposure and report them immediately.

- Under no circumstances are Geocon personnel authorized to enter a Permit-Required Confined Space, or unshored trench or excavation.

5.0 PERSONAL PROTECTIVE EQUIPMENT

The use of PPE is intended to provide protection for air monitoring personnel from operational hazards related to tasks performed at the facility that cannot be controlled through other safety procedures or work practices.

PPE required to be onsite for each worker during this project will include:

☒ Hard Hat (without face Shield)
☒ Safety Shoes - Boots
☐ Chem. Resistant Boots
☐ Leather Gloves
☒ Ear Plugs/Muffs
☒ ANSI Approved Safety Vest
☒ Safety Glasses
☐ Disposable gloves (for sample handling)
☐ Chem. Resistant gloves
☐ Air-Purifying Respirator
☐ APR Cartridges
☐ Tyvek$^{®}$ coveralls
☒ Other: PPE required to be worn by the facility operator beyond Geocon required PPE.

Only ANSI-approved PPE and NIOSH-approved respirators will be assigned for use. The use applications for this equipment are summarized in the following matrix. Specific procedures are further described below.

	PPE												
TASKS	Hard Hat	Safety Glasses	Safety Shoes - Boots	Chemical Resistant Boots	Disposable Gloves	Chemical Resistant Gloves	Leather Gloves	Ear Plugs/Muffs	Air-Purifying Respirator	APR Cartridges	ANSI Approved Safety Vest	Tyvek$^{®}$ Coveralls	Other
Perimeter Ambient Air Monitoring	**X**	**X**	**X**					**X**			**X**		**X**

5.1 Respiratory Protection

Respiratory protection will not be required during sampling activities. The PSO, in consultation with the Project Safety Officer, will determine the need for upgrading the level of protection from “D” to “C”. If it is determined that respiratory protection is required, personnel shall don a full facepiece or half-mask dual cartridgeair-purifying respirator fitted with a combination organic vapor (Black), or organic vapor-acid gas (Yellow) and HEPA (P100, Magenta) cartridges.

5.2 PPE – Level D Protection

The protective equipment to be donned by personnel working in the Exclusion Zone includes:

- Body Protection: Body protection shall include the use of "work clothing," including long pants and long- or short-sleeved shirts, and Class II ANSI approve safety vest.
- Head Protection: Non-metallic hard hats shall be worn by all personnel; ref. T8 CCR §§1514 & 3385 Head Protection.
- Hearing Protection: Hearing protection shall include the use of foam ear inserts or muffs; ref. T8 CCR §5098.
- Face & Eye Protection: Protective eye wear (i.e., safety glasses) shall be worn by personnel working in direct proximity to operating heavy equipment and highway traffic; ref. T8 CCR §§1514 & 3385 Eye Protection.
- Hand Protection: Appropriate hand protection shall be required for employees whose work involves unusual and excessive exposure of hands to cuts capable of causing injury or impairments; ref. T8 CCR §§1514 & 3384 Hand Protection.
- Foot Protection: foot protection, such as steel toed shoes or boots shall be required for employees who are exposed to foot injuries from electrical hazards, falling objects, or crushing or penetrating actions; ref. T8 CCR §§1514 & 3385 Foot Protection.

5.3 PPE – Level "C" Protection

Level D protection may be up-graded to Level C protection by site personnel with prior notification to the Project Manager. Level C protection_shall only be downgraded in consultation with the Geocon Consulting CIH.

5.4 Miscellaneous Safety Equipment

Additional protective equipment to be available to personnel working at the site includes portable radios/walkie-talkies or cell phones shall accompany all personnel.

6.0 EMERGENCY RESPONSE PROCEDURES

6.1 Physical Injury

In the event of an accident resulting in physical injury, call emergency service personnel immediately and perform first aid commensurate with training and seriousness of the injury. Severely injured personnel are to be transported only by emergency service personnel and/or by ambulance personnel, unless a life-threatening condition is judged to exist that must be addressed immediately.

The Project Manager is to be notified by the PSO, as soon after the injury as practical, regarding the nature of the accident. The Project Manager or designee will prepare a written report within 24 hours of the accident.

6.2 Catastrophic Event

In the event of a catastrophic event (e.g., severe personal injury, fire, explosion, and/or property damage), notify the fire/safety and rescue department immediately by dialing 911.

Any accident involving serious injury, illness, or death will require suspension of site activities until the Project Manager (or designee) has completed a review of the events and site conditions and authorized work to resume.

The Project Manager (or designee) will notify the nearest Cal/OSHA District Office immediately (within 8-hours) by phone or fax upon learning of a death or serious injury:

Long Beach District Office
3939 Atlantic Avenue, Suite 212
Long Beach, California 90807

Tel: 562.506.0810
Fax: 562.506.8340

6.3 Emergency Telephone Numbers

Fire/Police/Medical Assistance:	**911**
Police Department of Port	**310-372-3480**
Poison Control:	**(800) 222-1222**

Other phone numbers may be available or required for emergency response at specific sites. Check with onsite representatives before mobilizing to the job site.

6.4 Project Site Address

Site Addresses: SA Recycling Management **310-221-4900**
901 New Dock Street
San Pedro, California 90731

6.5 Hospital Addresses and Routes

Hospital Reference: Long Beach Memorial Medical Center **562.933.2000**
1000 W Carson Street,
Torrance, California 9050

Hospital Directions: From the Site proceed northeast on New Dock Street (0.6 mi); Turn right onto Pier S Avenue (0.2 mi); Use the second from the right lane to on ramp I-710 N (0.3 mi); Keep left and follow signs for Piers B-J/Downtown/I 710 N; Take I-710 N for 4.1 mi.; Take exit 4 for I-405 S.; Follow signs for I-405 S/Sand Diego (1.4 mi); Take exit 30A for Atlantic Avenue (0.2 mi); Continue on Atlantic Avenue for 0.4 miles, the hospital will be on the right (see Vicinity Map, Figure 1).

7.0 PLAN APPROVAL

The undersigned has reviewed and approved this Health and Safety Plan prepared for ambient perimeter air monitoring conducted at the SA Recycling at Terminal Island, California, as described herein.

CERTIFICATION NUMBER
2123 CP
EXPIRES
6-1-2020
DOUGLAS S. KRAUSE, CIH

Douglas S. Krause, CIH
Certified Industrial Hygienist
ABIH Certification No. 2123, Exp. June 1, 2020

October 11, 2016
Date

Josh Ewert
Project Manager

October 11, 2016
Date

The following personnel, including subcontractors involved with the project activities have reviewed, or received a copy of this Plan and Attachments A, B, C, D, E, F, G, H & I, and agree to follow the health and safety procedures described herein.

Print Name	Title	Signature	Date

APPENDIX A

S9850-03-21 - ATTACHMENT A

Preventing Work-Related Coccidioidomycosis (Valley Fever)

Valley Fever is an illness that usually affects the lungs. It is caused by the fungus *Coccidioides immitis* that lives in soil in many parts of California. When soil containing the fungus is disturbed by digging, vehicles, or by the wind, the fungal spores get into the air. When people breathe the spores into their lungs, they may get Valley Fever.

Is Valley Fever a serious concern in California? YES!

Often people can be infected and not have any symptoms. In some cases, however, a serious illness can develop which can cause a previously healthy individual to miss work, have long-lasting and disabling health problems, or even result in death.

This fact sheet describes actions employers can take to prevent workers from getting Valley Fever and to respond appropriately if an employee does become ill.

➤ **In October 2007, a construction crew excavated a trench for a new water pipe. Within three weeks, 10 of 12 crew members developed coccidioidomycosis (Valley Fever), an illness with pneumonia and flu-like symptoms. Seven of the 10 had abnormal chest x-rays, four had rashes, and one had an infection that had spread beyond his lungs and affected his skin. Over the next few months, the 10 ill crew members missed at least 1660 hours of work and two workers were on disability for at least five months.**

FACT SHEET HESIS

HAZARD EVALUATION SYSTEM & INFORMATION SERVICE
California Department of Public Health, Occupational Health Branch
850 Marina Bay Parkway, Building P, 3rd Floor, Richmond, CA 94804
510-620-5757 • www.cdph.ca.gov/programs/ohb

JUNE 2013

California Department of Public Health • California Department of Industrial Relations

How do workers get Valley Fever?

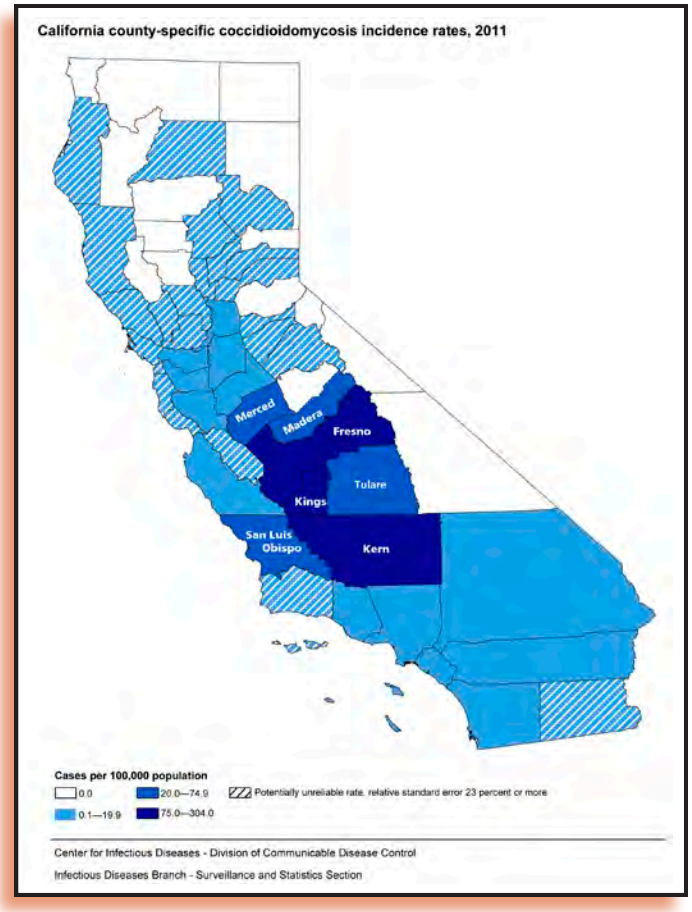
In California, Valley Fever is caused by the fungus *Coccidioides immitis* that lives in the top two to 12 inches of soil in many parts of the state. When soil containing this fungus is disturbed by activities such as digging, vehicles, or by the wind, the fungal spores get into the air. When people breathe the spores into their lungs, they may get Valley Fever. Fungal spores are small particles that can grow and reproduce in the body. The illness is not spread from one person to another.

How do employers know if the fungus is present in soil at their worksites?

The Valley Fever fungal spores are too small to be seen by the naked eye, and there is no reliable way to test the soil for spores before working in a particular place. Some California counties consistently have the Valley Fever fungus present in the soil. In these regions Valley Fever is considered endemic. Health departments track the number of cases of Valley Fever illness that occur. This information is used to map illness rates as seen on the figure above. Employers can contact their local health department for more information about the risk in their counties.

Where do people get Valley Fever?

Highly endemic counties, i.e., those with the highest rates of Valley Fever (more than 20 cases per 100,000 population per year), are Fresno, Kern, Kings, Madera, Merced, San Luis Obispo, and Tulare. Other counties or parts of counties also have the fungus present.


California county-specific coccidioidomycosis incidence rates, 2011

Center for Infectious Diseases - Division of Communicable Disease Control

Infectious Diseases Branch - Surveillance and Statistics Section

California county-specific coccidioidomycosis incidence rates, 2011

Who is at risk for Valley Fever?

Workers who disturb the soil by digging, operating earth-moving equipment, driving vehicles, or working in dusty, wind-blown areas are more likely to breathe in spores and become infected. Some occupations at higher risk for Valley Fever include:

- Construction workers, including road-building and excavation crews
- Archeologists
- Geologists
- Wildland firefighters
- Military personnel
- Workers in mining, quarrying, gas and oil extraction jobs
- Agricultural workers*

* Cultivated, irrigated soil may be less likely to contain the fungus compared to undisturbed soils.

Anyone, even healthy young people, can get Valley Fever. Once a person has had Valley Fever, their body may develop some immunity against future infections.

How does Valley Fever affect health?

- Experiments on laboratory animals indicate that a very small dose, 10 spores or fewer, may cause an infection.
- After breathing in the spores, the following can happen:
  - In about 60% of cases, symptoms are mild or not present.
  - In about 40% of cases, symptoms vary from moderate to severe. Usually symptoms are those of a flu-like illness that may last up to a month but goes away on its own. However, some people develop pneumonia (at times severe).
  - In a small proportion of cases (about 5%), disease spreads outside of the lungs causing very serious illness. Parts of the body that may be affected include the brain (meningitis), bones, joints, skin, or other organs. This is called ***disseminated Valley Fever*** (or disseminated coccidioidomycosis).
- People who are more likely to have severe or disseminated Valley Fever include those who have weakened immune systems, such as people who are HIV positive, have AIDS, cancer, or diabetes; who smoke; or who are pregnant. People of African and Filipino descent are much more likely to get disseminated disease; however, others can get disseminated disease, too.

Earth-moving equipment may stir up spores

What are signs or symptoms of Valley Fever?

When present, symptoms usually occur between seven to 21 days after breathing in spores, and can include:

- Cough
- Fever
- Chest pain
- Headache
- Muscle aches
- Rash on upper trunk or extremities
- Joint pain in the knees or ankles
- Fatigue.

Symptoms of Valley Fever can be mistaken for other diseases such as the flu (influenza) and TB (tuberculosis), so it is important for workers to obtain medical care for an accurate diagnosis and possible treatment.

Disseminated Valley Fever

Dissemination refers to spread of infection beyond the lungs to other parts of the body. With Valley Fever this usually occurs within the first six to 12 months after the initial illness.

Signs or symptoms of disseminated Valley Fever may vary but usually consist of some combination of the following:

- Fever
- Raised skin lesions with irregular surfaces
- Lymph node swelling, especially in the neck
- Pain and swelling in one or more joints
- Recurrent, persistent, new headaches (may be mild)
- Stiff neck.

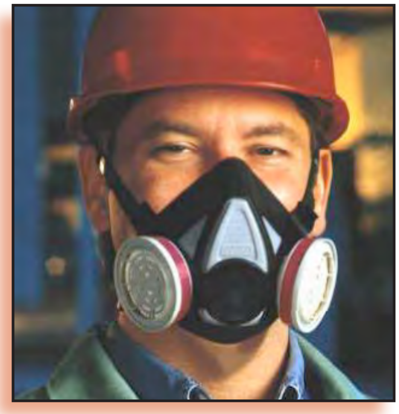
Preventing Valley Fever exposure

There is no vaccine to prevent Valley Fever. Employers can reduce worker exposure by incorporating the following elements into the company's Injury and Illness Prevention Program and project-specific health and safety plans:

1. Determine if the worksite is in an area where Valley Fever is endemic (consistently present). Check with your local health department to determine whether cases have been known to occur in the proximity of your work area. See the map on page 2 to determine whether your company will be working in an endemic county.
2. Train workers and supervisors on the location of Valley Fever endemic areas, how to recognize symptoms of illness (see page 3), and ways to minimize exposure. Encourage workers to report respiratory symptoms that last more than a week to a crew leader, foreman, or supervisor.
3. Limit workers' exposure to outdoor dust in disease-endemic areas. For example, suspend work during heavy wind or dust storms and minimize amount of soil disturbed.
4. When soil will be disturbed by heavy equipment or vehicles, wet the soil before disturbing it and continuously wet it while digging to keep dust levels down.
5. Heavy equipment, trucks, and other vehicles generate heavy dust. Provide vehicles with enclosed, air-conditioned cabs and make sure workers keep the windows closed. Heavy equipment cabs should be equipped with high efficiency particulate air (HEPA) filters. Two-way radios can be used for communication so that the windows can remain closed but allow communication with other workers.
6. Consult the local Air Pollution Control District regarding effective measures to control dust during construction. Measures may include seeding and using soil binders or paving and laying building pads as soon as possible after grading.
7. When digging a trench or fire line or performing other soil-disturbing tasks, position workers upwind when possible.
8. Place overnight camps, especially sleeping quarters and dining halls, away from sources of dust such as roadways.

PAPR with helmet (APF=1000)

Full-face respirator (APF=50)



Half-mask respirator (APF=10)

9. When exposure to dust is unavoidable, provide NIOSH-approved ***respiratory protection*** with particulate filters rated as N95, N99, N100, P100, or HEPA. Household materials such as washcloths, bandanas, and handkerchiefs do not protect workers from breathing in dust and spores.

Respirators for employees must be used within a Cal/OSHA compliant respiratory protection program that covers all respirator wearers and includes medical clearance to wear a respirator, fit testing, training, and procedures for cleaning and maintaining respirators.

Different classes of respirators provide different levels of protection according to their Assigned Protection Factor (APF) (see table below). Powered air-purifying respirators (PAPRs) have a battery-powered blower that pulls air in through filters to clean it before delivering it to the wearer's breathing zone. PAPRs will provide a high level of worker protection, with an APF of 25 or 1000 depending on the model. When PAPRs are not available, provide a well-fitted NIOSH-approved full-face or half-mask respirator with particulate filters.

Fit-tested half-mask or filtering facepiece respirators are expected to reduce exposure by 90% (still allowing about 10% faceseal leakage), which can result in an unacceptable risk of infection when digging where Valley Fever spores are present.

The table below shows the relative effectiveness of various types of respirators for particles of dust and spores.

Respiratory Protection for Reducing Dust and Spore Exposure

	Respirator Type (worn with particulate filters)	**Assigned Protection Factor (APF)**	**Expected Reduction of Exposure to Dust and Spores (%)**
	No respirator	None	0
Increasing Protection	Half-mask respirator (elastomeric or filtering facepiece)	10	90
	Powered air-purifying respirator with loose-fitting face covering	25	96
	Full-face respirator	50	98
	Some powered air-purifying respirators are designed to offer higher protection (check with manufacturer)	1000	99.9

Preventing transport of spores

- **Clean tools, equipment, and vehicles with water to remove soil before transporting offsite** so that any spores present won't be re-suspended in air and inhaled at a later time.
- **Provide workers with coveralls or disposable Tyvek™ daily.** At the end of the work day, require workers to remove their work clothes at the worksite.
- **Keep street clothes and work clothes separate by providing separate lockers or other storage areas.** If possible, store work boots at the worksite; otherwise, have workers use a boot wash before getting into their vehicles.
- **Encourage workers to shower and wash their hair at the workplace** (if at a fixed location) or as soon as they get home.

What should employers do if a worker reports Valley Fever symptoms?

- If the worker disturbed soil or otherwise did dusty work in an endemic area, **the employer should send the worker to their workers' compensation health care provider or occupational medicine clinic**. The employer should provide the health care provider with the details about the dust or soil exposure. The worker should give a copy of this fact sheet to the health care provider.
- When two or more workers report symptoms that suggest Valley Fever, workers should be sent to a single medical provider or occupational medicine clinic for coordinated medical care, if possible. This can facilitate better communication between the medical provider, public health agencies, and employer.
- **Travel through endemic areas has resulted in Valley Fever cases.** When a worker who has traveled through an endemic area reports a respiratory illness that lasts more than a week, the employer should send the worker to their workers' compensation health care provider or occupational medicine clinic.
- **Complete the "Employer's Report of Occupational Injury or Illness" (Form 5020) for each occupational Valley Fever illness** which results in "lost time" or medical treatment beyond first aid.
- **List cases on the Cal/OSHA Form 300,** "Log of Work-Related Injuries and Illnesses".
- **Report immediately any serious injury, illness or death occurring in a place of employment** or in connection with any employment to the local Cal/OSHA district office. A "serious injury or illness" is defined in 8 CCR 330(h) found at **www.dir.ca.gov/title8/330.html**.

What is the treatment for Valley Fever?

Although many people with Valley Fever do not require treatment, those with symptoms should seek medical attention. When Valley Fever is suspected, doctors can order specialized tests to confirm the diagnosis. If treatment is indicated, anti-fungal medications are available. Workers who develop severe or chronic infections may need to stay in the hospital.

It is especially important for people at risk for severe disease, such as people infected with HIV or those with weakened immune systems, to be diagnosed and receive treatment as quickly as possible. People with severe infections need to be treated because advanced Valley Fever can be fatal.

Summary of Controls to Minimize Workers' Dust Exposure and Risk of Valley Fever in Endemic Areas

Type of Control	Actions
Engineering and Work Practice Controls ➤ *to control dust at the source or isolate worker from exposure.*	Minimize exposure to outdoor dust: • Suspend (stop) work in dust storms or high winds. • Minimize the amount of digging by hand. Instead, use heavy equipment with operator in an enclosed, air-conditioned, HEPA-filtered cab. Continuously wet the soil before and while digging or moving the earth. Landing zones for helicopters and areas where bulldozers, graders, or skid steers operate are examples where wetting the soil is necessary. When digging in soil is required, train workers to reduce the amount of dust inhaled by staying upwind when possible.
Administrative Controls ➤ *to increase hazard awareness and knowledge of safe work practices and select safer work practices.*	Train workers and supervisors on: • Distribution of endemic areas • Symptoms and signs, and need to report to supervisor to obtain medical evaluation • People at highest risk of serious disease • Effective controls, including proper use of equipment.
Personal Protective Equipment ➤ *to decrease quantity of fungal spores inhaled.*	Provide respirators when digging or working near earth-moving trucks or equipment: • Powered air-purifying respirator (PAPR) with high efficiency particulate air (HEPA) filter or • Full-face respirator with particulate filter or • Half-mask respirator with particulate filter and • Implement a comprehensive respirator program including medical clearance, training, fit testing, and procedures for cleaning and maintaining respirators. Provide coveralls to prevent street clothes from being contaminated with fungal spores and then taken home.
Clean up ➤ *to decrease quantity of fungal spores inhaled.*	Provide lockers and require change of clothing and shoes at worksite so workers don't take dust and spores home. Wash equipment before moving offsite.
Medical care for disease recognition and prompt, appropriate treatment.	Contract with local medical clinics • Provide prompt evaluation and care • Make sure clinic has a protocol for evaluation, follow-up, and treatment of Valley Fever Make sure in-house physician is aware of work in Valley Fever endemic areas.

Valley Fever in the general population in California (*includes individuals exposed at work*):

- In 2011, 5123 people were diagnosed with new infections.
- The number of new Valley Fever cases reported in California increased dramatically in the past few years. In 2011, there were 20% more cases compared to 2010.
- Every year, about 1,430 people are hospitalized with Valley Fever.
- About 8% (8 out of 100) of people hospitalized with Valley Fever die due to the infection.

RESOURCES

FOR MORE INFORMATION

- **California Department of Public Health,** *"Coccidioidomycosis (Valley Fever) Fact Sheet"* **www.cdph.ca.gov/healthinfo/discond/pages/coccidioidomycosis.aspx** Available in English, Spanish, and Tagalog. Also see *Yearly Summary Report of Coccidioidomycosis in California.*
- **California Department of Public Health, Hazard Evaluation System and Information Service (HESIS).** HESIS answers questions about workplace hazards for California workers, employers, and health care professionals. Call **(510) 620-5817 or (866) 282-5516 (toll free in CA).** HESIS has many free publications available. To request publications, leave a message at **(510) 620-5717 or toll free (866) 627-1586**, or visit our website at **www.cdph.ca.gov/programs/ohb**
- **Centers for Disease Control and Prevention,** *"Coccidioidomycosis, Valley Fever"* **www.cdc.gov/fungal/coccidioidomycosis/.**
- **Centers for Disease Control and Prevention,** *"Increase in Reported Coccidioidomycosis-United States, 1998-2011,"* March 29, 2013 **http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6212a1.htm**
- **Injury and Illness Prevention Program.** This standard (California Code of Regulations (CCR) Title 8, Section 3203), requires employers to implement an injury and illness prevention program (IIPP). For links to publications on IIPPs, see **www.dir.ca.gov/title8/3203.html.**
- **Respiratory Protection.** This standard, CCR Title 8, Section 5144, requires employers to provide respirators when necessary to protect the health of employees. See **www.dir.ca.gov/title8/5144.html**.

To obtain a copy of this document in an alternate format, please contact: (510) 620-5757. (CA Relay Service: 800-735-2929 or 711). Please allow at least ten (10) working days to coordinate alternate format services.

Edmund G. Brown Jr., Governor
State of California

Diana S. Dooley, Secretary
Health and Human Services Agency

Ron Chapman, MD, MPH, Director and
State Health Officer
California Department of Public Health

Marty Morgenstern, Secretary
Labor and Workforce Development Agency

Christine Baker, Director
Department of Industrial Relations

JANE NORLING DESIGN

APPENDIX B

Substance Technical Information for Asbestos - Non-Mandatory

I. Substance Identification

A. Substance: “Asbestos” is the name of a class of magnesium-silicate minerals that occur in fibrous form. Minerals that are included in this group are chrysotile, crocidolite, amosite, anthophyllite asbestos, tremolite asbestos, and actinolite asbestos.

B. Asbestos is used in the manufacture of heat-resistant clothing, automotive brake and clutch linings, and a variety of building materials including floor tiles, roofing felts, ceiling tiles, asbestos-cement pipe and sheet, and fire-resistant drywall. Asbestos is also present in pipe and boiler insulation materials, and in sprayed-on materials located on beams, in crawlspaces, and between walls.

C. The potential for an asbestos-containing product to release breathable fibers depends on its degree of friability. Friable means that the material can be crumbled with hand pressure and is therefore likely to emit fibers. The fibrous fluffy sprayed-on materials used for fireproofing, insulation, or sound proofing are considered to be friable, and they readily release airborne fibers if disturbed. Materials such as vinyl-asbestos floor tile or roofing felt are considered non-friable if intact and generally do not emit airborne fibers unless subjected to sanding, sawing and other aggressive operations. Asbestos-cement pipe or sheet can emit airborne fibers if the materials are cut or sawed, or if they are broken.

D. Permissible exposure: Exposure to airborne asbestos fibers may not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) averaged over the 8-hour workday, and 1 fiber per cubic centimeter of air (1.0 f/cc) averaged over a 30 minute work period.

II. Health Hazard Data

A. Asbestos can cause disabling respiratory disease and various types of cancers if the fibers are inhaled. Inhaling or ingesting fibers from contaminated clothing or skin can also result in these diseases. The symptoms of these diseases generally do not appear for 20 or more years after initial exposure.

B. Exposure to asbestos has been shown to cause lung cancer, mesothelioma, and cancer of the stomach and colon. Mesothelioma is a rare cancer of the thin membrane lining of the chest and abdomen. Symptoms of mesothelioma include shortness of breath, pain in the walls of the chest, and/or abdominal pain.

III. Respirators and Protective Clothing

A. Respirators: You are required to wear a respirator when performing tasks that result in asbestos exposure that exceeds the permissible exposure limit (PEL) of 0.1 f/cc and when performing certain designated operations. Air-purifying respirators equipped with a high-efficiency particulate air (HEPA) filter can be used where airborne asbestos fiber concentrations do not exceed 1.0 f/cc; otherwise, more protective respirators such as air-supplied, positive-pressure, full facepiece respirators must be used. Disposable respirators or dust masks are not permitted to be used for asbestos work. For effective protection, respirators must fit your face and head snugly. Your employer is required to conduct fit tests when you are first assigned a respirator and annually thereafter. Respirators should not be loosened or removed in work situations where their use is required.

B. Protective Clothing: You are required to wear protective clothing in work areas where asbestos concentrations exceed the permissible exposure limit (PEL) of 0.1 f/cc.

IV. Disposal Procedures and Clean-up

A. Wastes that are generated by processes where asbestos is present include:

1. Empty asbestos shipping containers.
2. Process wastes such as cuttings, trimmings, or reject material.
3. Housekeeping waste from wet-sweeping or HEPA-vacuuming.
4. Asbestos fireproofing or insulating material that is removed from buildings.
5. Asbestos-containing building products removed during building renovation or demolition.
6. Contaminated disposable protective clothing.

B. Empty shipping bags can be flattened under exhaust hoods and packed into airtight containers for disposal. Empty shipping drums are difficult to clean and should be sealed.

C. Vacuum bags or disposable paper filters should not be cleaned, but should be sprayed with a fine water mist and placed into a labeled waste container.

D. Process waste and housekeeping waste should be wetted with water or a mixture of water and surfactant prior to packaging in disposable containers.

E. Asbestos-containing material that is removed from buildings must be disposed of in leak-tight 6-mil plastic bags, plastic-lined cardboard containers, or plastic-lined metal containers. These wastes, which are removed while wet, should be sealed in containers before they dry out to minimize the release of asbestos fibers during handling.

V. Access to Information

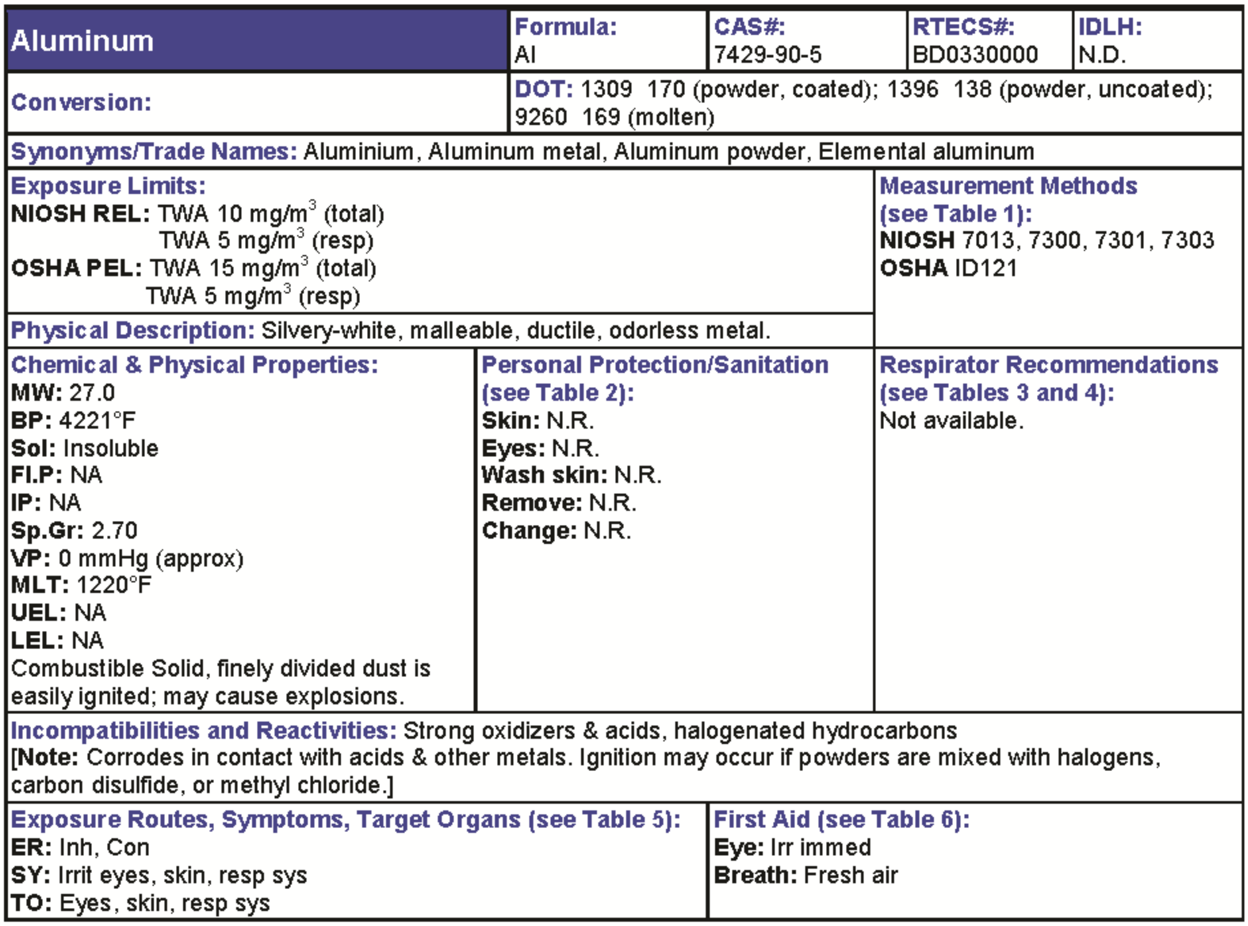
A. Each year, your employer is required to inform you of the information contained in this standard and appendices for asbestos. In addition, your employer must instruct you in the proper work practices for handling asbestos-containing materials, and the correct use of protective equipment.

B. Your employer is required to determine whether you are being exposed to asbestos. Your employer must treat exposure to thermal system insulation and sprayed-on and troweled-on surfacing material as asbestos exposure, unless results of laboratory analysis show that the material does not contain asbestos. You or your representative has the right to observe employee measurements and to record the results obtained. Your employer is required to inform you of your exposure, and, if you are exposed above the permissible exposure limit, he or she is required to inform you of the actions that are being taken to reduce your exposure to within the permissible limit.

C. Your employer is required to keep records of your exposures and medical examinations. These exposure records must be kept for at least thirty (30) years, Medical records must be kept for the period of your employment plus thirty (30) years.

D. Your employer is required to release your exposure and medical records to your physician or designated representative upon your written request.

APPENDIX C



Aluminum	**Formula:** Al	**CAS#:** 7429-90-5	**RTECS#:** BD0330000	**IDLH:** N.D.
Conversion:	**DOT:** 1309 170 (powder, coated); 1396 138 (powder, uncoated); 9260 169 (molten)			

Synonyms/Trade Names: Aluminium, Aluminum metal, Aluminum powder, Elemental aluminum

Exposure Limits:
NIOSH REL: TWA 10 mg/m^3 (total)
TWA 5 mg/m^3 (resp)
OSHA PEL: TWA 15 mg/m^3 (total)
TWA 5 mg/m^3 (resp)

Measurement Methods (see Table 1):
NIOSH 7013, 7300, 7301, 7303
OSHA ID121

Physical Description: Silvery-white, malleable, ductile, odorless metal.

Chemical & Physical Properties:
MW: 27.0
BP: 4221°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 2.70
VP: 0 mmHg (approx)
MLT: 1220°F
UEL: NA
LEL: NA
Combustible Solid, finely divided dust is easily ignited; may cause explosions.

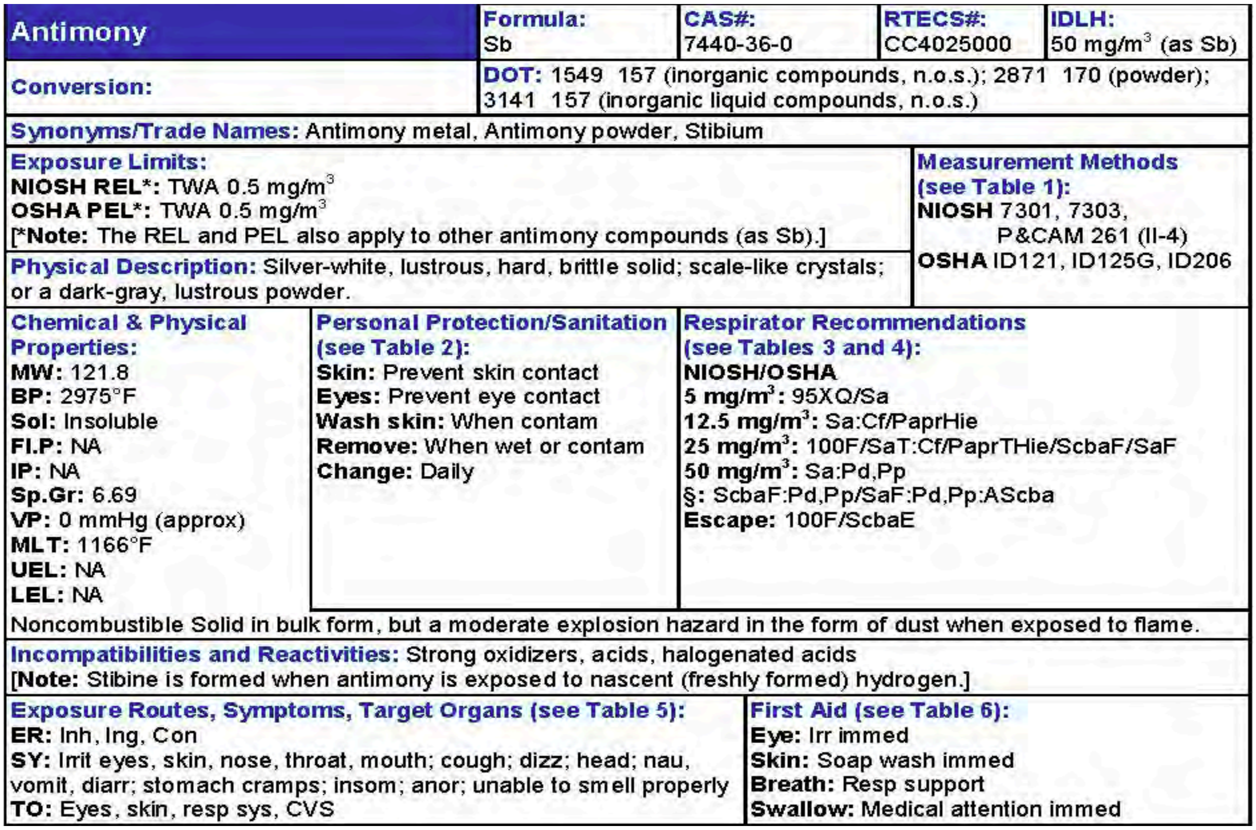
Personal Protection/Sanitation (see Table 2):
Skin: N.R.
Eyes: N.R.
Wash skin: N.R.
Remove: N.R.
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
Not available.

Incompatibilities and Reactivities: Strong oxidizers & acids, halogenated hydrocarbons
[**Note:** Corrodes in contact with acids & other metals. Ignition may occur if powders are mixed with halogens, carbon disulfide, or methyl chloride.]

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Con
SY: Irrit eyes, skin, resp sys
TO: Eyes, skin, resp sys

First Aid (see Table 6):
Eye: Irr immed
Breath: Fresh air



Antimony	**Formula:** Sb	**CAS#:** 7440-36-0	**RTECS#:** CC4025000	**IDLH:** 50 mg/m^3 (as Sb)
Conversion:	**DOT:** 1549 157 (inorganic compounds, n.o.s.); 2871 170 (powder); 3141 157 (inorganic liquid compounds, n.o.s.)			

Synonyms/Trade Names: Antimony metal, Antimony powder, Stibium

Exposure Limits:
NIOSH REL*: TWA 0.5 mg/m^3
OSHA PEL*: TWA 0.5 mg/m^3
[***Note:** The REL and PEL also apply to other antimony compounds (as Sb).]

Measurement Methods (see Table 1):
NIOSH 7301, 7303,
P&CAM 261 (II-4)
OSHA ID121, ID125G, ID206

Physical Description: Silver-white, lustrous, hard, brittle solid; scale-like crystals; or a dark-gray, lustrous powder.

Chemical & Physical Properties:
MW: 121.8
BP: 2975°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 6.69
VP: 0 mmHg (approx)
MLT: 1166°F
UEL: NA
LEL: NA

Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet or contam
Change: Daily

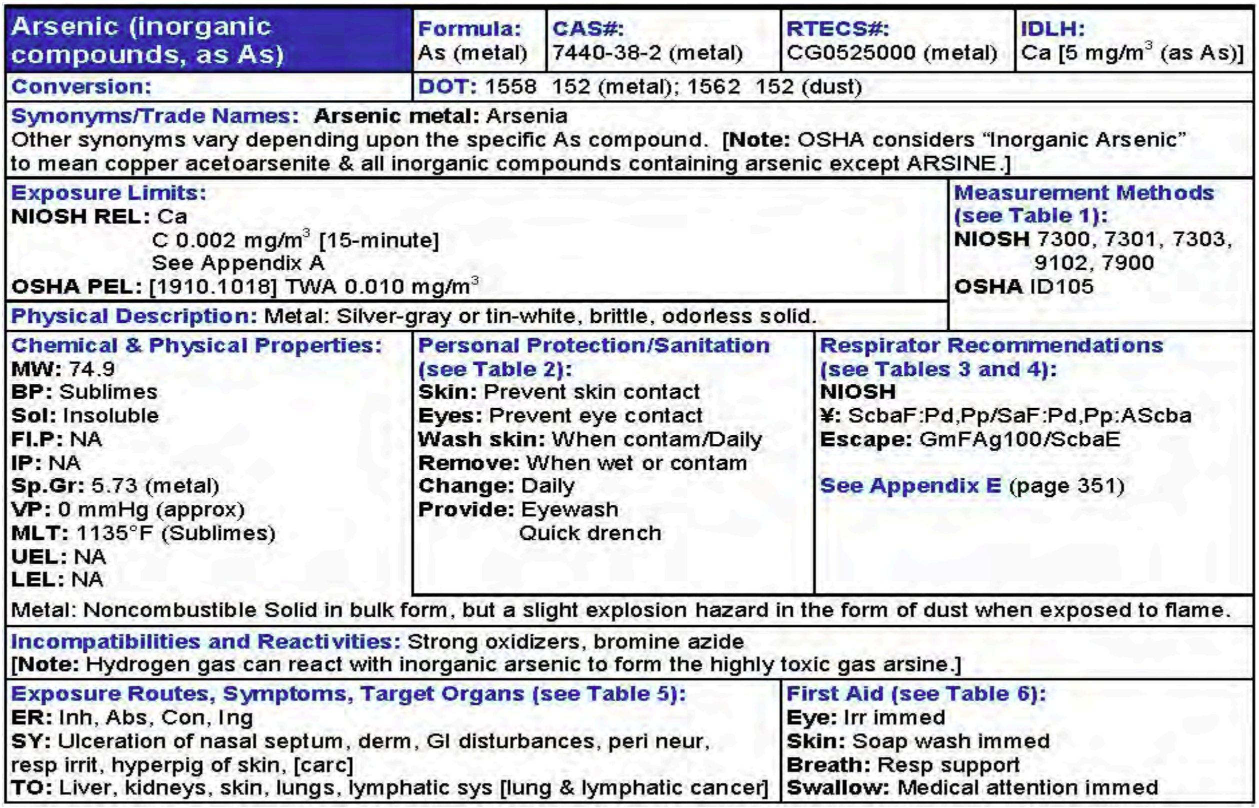
Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
5 mg/m^3: 95XQ/Sa
12.5 mg/m^3: Sa:Cf/PaprHie
25 mg/m^3: 100F/SaT:Cf/PaprTHie/ScbaF/SaF
50 mg/m^3: Sa:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Noncombustible Solid in bulk form, but a moderate explosion hazard in the form of dust when exposed to flame.

Incompatibilities and Reactivities: Strong oxidizers, acids, halogenated acids
[**Note:** Stibine is formed when antimony is exposed to nascent (freshly formed) hydrogen.]

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Irrit eyes, skin, nose, throat, mouth; cough; dizz; head; nau, vomit, diarr; stomach cramps; insom; anor; unable to smell properly
TO: Eyes, skin, resp sys, CVS

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash immed
Breath: Resp support
Swallow: Medical attention immed



Arsenic (inorganic compounds, as As)	Formula:	CAS#:	RTECS#:	IDLH:
	As (metal)	7440-38-2 (metal)	CG0525000 (metal)	Ca [5 mg/m^3 (as As)]

Conversion: **DOT:** 1558 152 (metal); 1562 152 (dust)

Synonyms/Trade Names: **Arsenic metal:** Arsenia
Other synonyms vary depending upon the specific As compound. [**Note:** OSHA considers "Inorganic Arsenic" to mean copper acetoarsenite & all inorganic compounds containing arsenic except ARSINE.]

Exposure Limits:
NIOSH REL: Ca
C 0.002 mg/m^3 [15-minute]
See Appendix A
OSHA PEL: [1910.1018] TWA 0.010 mg/m^3

Measurement Methods (see Table 1):
NIOSH 7300, 7301, 7303, 9102, 7900
OSHA ID105

Physical Description: Metal: Silver-gray or tin-white, brittle, odorless solid.

Chemical & Physical Properties:
MW: 74.9
BP: Sublimes
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 5.73 (metal)
VP: 0 mmHg (approx)
MLT: 1135°F (Sublimes)
UEL: NA
LEL: NA

Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam/Daily
Remove: When wet or contam
Change: Daily
Provide: Eyewash
Quick drench

Respirator Recommendations (see Tables 3 and 4):
NIOSH
¥: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFAg100/ScbaE

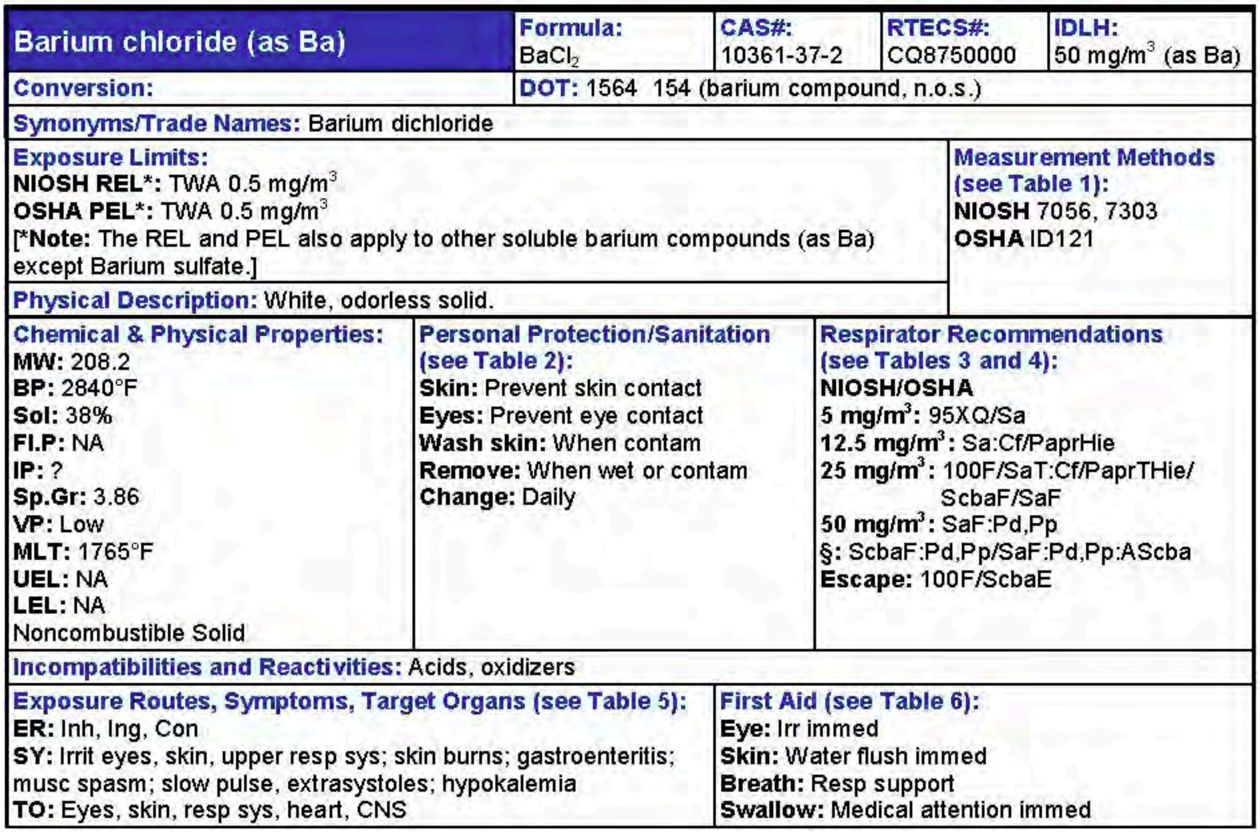
See Appendix E (page 351)

Metal: Noncombustible Solid in bulk form, but a slight explosion hazard in the form of dust when exposed to flame.

Incompatibilities and Reactivities: Strong oxidizers, bromine azide
[**Note:** Hydrogen gas can react with inorganic arsenic to form the highly toxic gas arsine.]

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Abs, Con, Ing
SY: Ulceration of nasal septum, derm, GI disturbances, peri neur, resp irrit, hyperpig of skin, [carc]
TO: Liver, kidneys, skin, lungs, lymphatic sys [lung & lymphatic cancer]

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash immed
Breath: Resp support
Swallow: Medical attention immed



Barium chloride (as Ba)	Formula:	CAS#:	RTECS#:	IDLH:
	$BaCl_2$	10361-37-2	CQ8750000	50 mg/m^3 (as Ba)

Conversion: **DOT:** 1564 154 (barium compound, n.o.s.)

Synonyms/Trade Names: Barium dichloride

Exposure Limits:
NIOSH REL*: TWA 0.5 mg/m^3
OSHA PEL*: TWA 0.5 mg/m^3
[***Note:** The REL and PEL also apply to other soluble barium compounds (as Ba) except Barium sulfate.]

Measurement Methods (see Table 1):
NIOSH 7056, 7303
OSHA ID121

Physical Description: White, odorless solid.

Chemical & Physical Properties:
MW: 208.2
BP: 2840°F
Sol: 38%
Fl.P: NA
IP: ?
Sp.Gr: 3.86
VP: Low
MLT: 1765°F
UEL: NA
LEL: NA
Noncombustible Solid

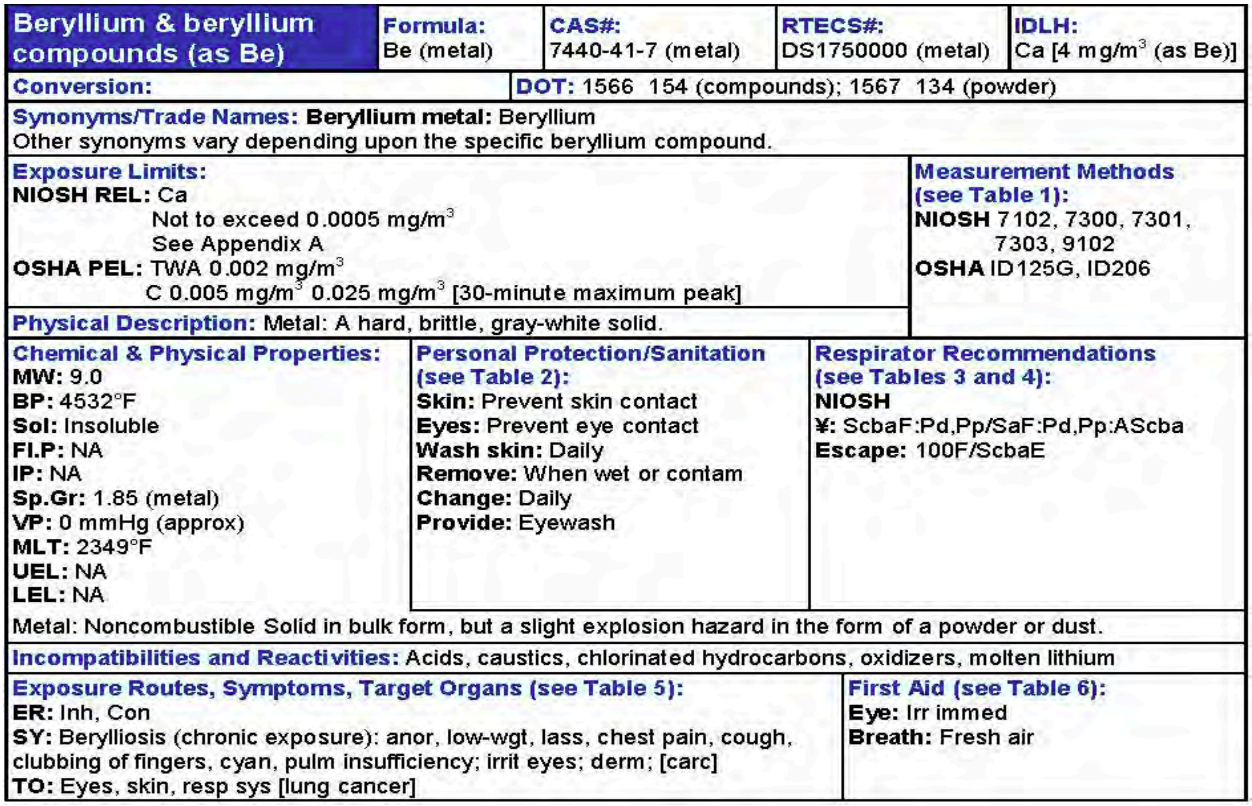
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet or contam
Change: Daily

Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
5 mg/m^3: 95XQ/Sa
12.5 mg/m^3: Sa:Cf/PaprHie
25 mg/m^3: 100F/SaT:Cf/PaprTHie/ScbaF/SaF
50 mg/m^3: SaF:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Acids, oxidizers

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Irrit eyes, skin, upper resp sys; skin burns; gastroenteritis; musc spasm; slow pulse, extrasystoles; hypokalemia
TO: Eyes, skin, resp sys, heart, CNS

First Aid (see Table 6):
Eye: Irr immed
Skin: Water flush immed
Breath: Resp support
Swallow: Medical attention immed



Beryllium & beryllium compounds (as Be)	Formula:	CAS#:	RTECS#:	IDLH:
	Be (metal)	7440-41-7 (metal)	DS1750000 (metal)	Ca [4 mg/m^3 (as Be)]

Conversion:

DOT: 1566 154 (compounds); 1567 134 (powder)

Synonyms/Trade Names: **Beryllium metal:** Beryllium
Other synonyms vary depending upon the specific beryllium compound.

Exposure Limits:
NIOSH REL: Ca
Not to exceed 0.0005 mg/m^3
See Appendix A
OSHA PEL: TWA 0.002 mg/m^3
C 0.005 mg/m^3 0.025 mg/m^3 [30-minute maximum peak]

Measurement Methods (see Table 1):
NIOSH 7102, 7300, 7301, 7303, 9102
OSHA ID125G, ID206

Physical Description: Metal: A hard, brittle, gray-white solid.

Chemical & Physical Properties:
MW: 9.0
BP: 4532°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 1.85 (metal)
VP: 0 mmHg (approx)
MLT: 2349°F
UEL: NA
LEL: NA

Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: Daily
Remove: When wet or contam
Change: Daily
Provide: Eyewash

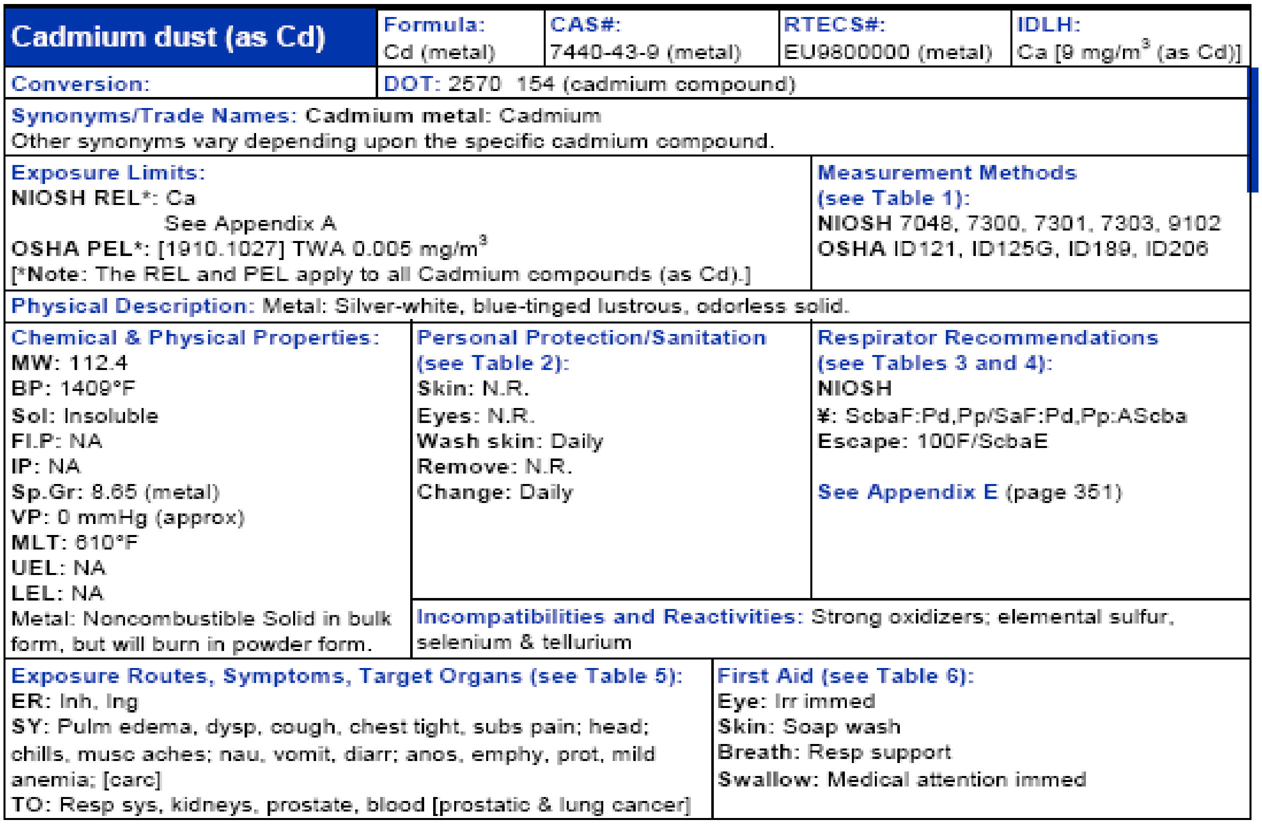
Respirator Recommendations (see Tables 3 and 4):
NIOSH
¥: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Metal: Noncombustible Solid in bulk form, but a slight explosion hazard in the form of a powder or dust.

Incompatibilities and Reactivities: Acids, caustics, chlorinated hydrocarbons, oxidizers, molten lithium

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Con
SY: Berylliosis (chronic exposure): anor, low-wgt, lass, chest pain, cough, clubbing of fingers, cyan, pulm insufficiency; irrit eyes; derm; [carc]
TO: Eyes, skin, resp sys [lung cancer]

First Aid (see Table 6):
Eye: Irr immed
Breath: Fresh air



Cadmium dust (as Cd)	Formula:	CAS#:	RTECS#:	IDLH:
	Cd (metal)	7440-43-9 (metal)	EU9800000 (metal)	Ca [9 mg/m^3 (as Cd)]

Conversion:

DOT: 2570 154 (cadmium compound)

Synonyms/Trade Names: Cadmium metal: Cadmium
Other synonyms vary depending upon the specific cadmium compound.

Exposure Limits:
NIOSH REL*: Ca
See Appendix A
OSHA PEL*: [1910.1027] TWA 0.005 mg/m^3
[*Note: The REL and PEL apply to all Cadmium compounds (as Cd).]

Measurement Methods (see Table 1):
NIOSH 7048, 7300, 7301, 7303, 9102
OSHA ID121, ID125G, ID189, ID206

Physical Description: Metal: Silver-white, blue-tinged lustrous, odorless solid.

Chemical & Physical Properties:
MW: 112.4
BP: 1409°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 8.65 (metal)
VP: 0 mmHg (approx)
MLT: 610°F
UEL: NA
LEL: NA
Metal: Noncombustible Solid in bulk form, but will burn in powder form.

Personal Protection/Sanitation (see Table 2):
Skin: N.R.
Eyes: N.R.
Wash skin: Daily
Remove: N.R.
Change: Daily

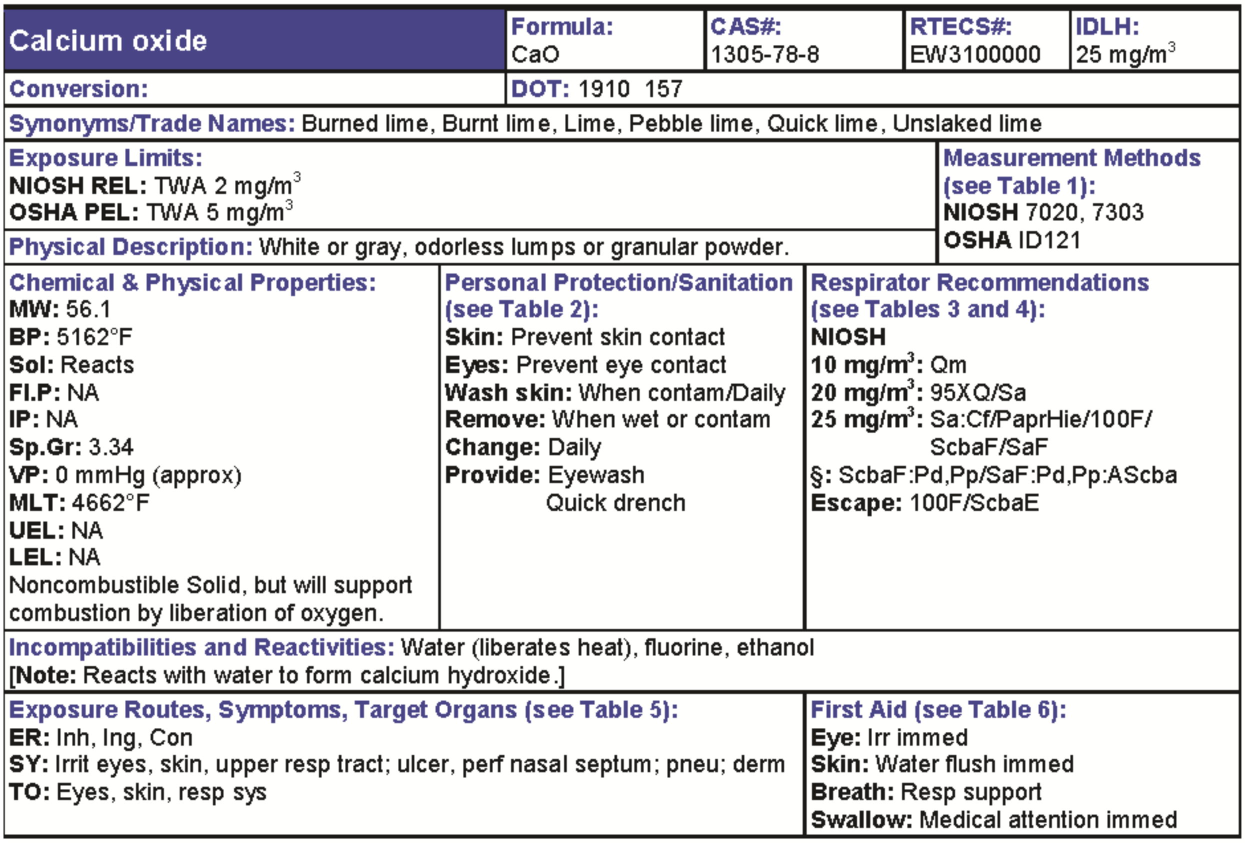
Respirator Recommendations (see Tables 3 and 4):
NIOSH
¥: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

See Appendix E (page 351)

Incompatibilities and Reactivities: Strong oxidizers; elemental sulfur, selenium & tellurium

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing
SY: Pulm edema, dysp, cough, chest tight, subs pain; head; chills, musc aches; nau, vomit, diarr; anos, emphy, prot, mild anemia; [carc]
TO: Resp sys, kidneys, prostate, blood [prostatic & lung cancer]

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash
Breath: Resp support
Swallow: Medical attention immed



Calcium oxide	Formula:	CAS#:	RTECS#:	IDLH:
	CaO	1305-78-8	EW3100000	25 mg/m^3

Conversion: **DOT:** 1910 157

Synonyms/Trade Names: Burned lime, Burnt lime, Lime, Pebble lime, Quick lime, Unslaked lime

Exposure Limits:
NIOSH REL: TWA 2 mg/m^3
OSHA PEL: TWA 5 mg/m^3

Measurement Methods (see Table 1):
NIOSH 7020, 7303
OSHA ID121

Physical Description: White or gray, odorless lumps or granular powder.

Chemical & Physical Properties:
MW: 56.1
BP: 5162°F
Sol: Reacts
Fl.P: NA
IP: NA
Sp.Gr: 3.34
VP: 0 mmHg (approx)
MLT: 4662°F
UEL: NA
LEL: NA
Noncombustible Solid, but will support combustion by liberation of oxygen.

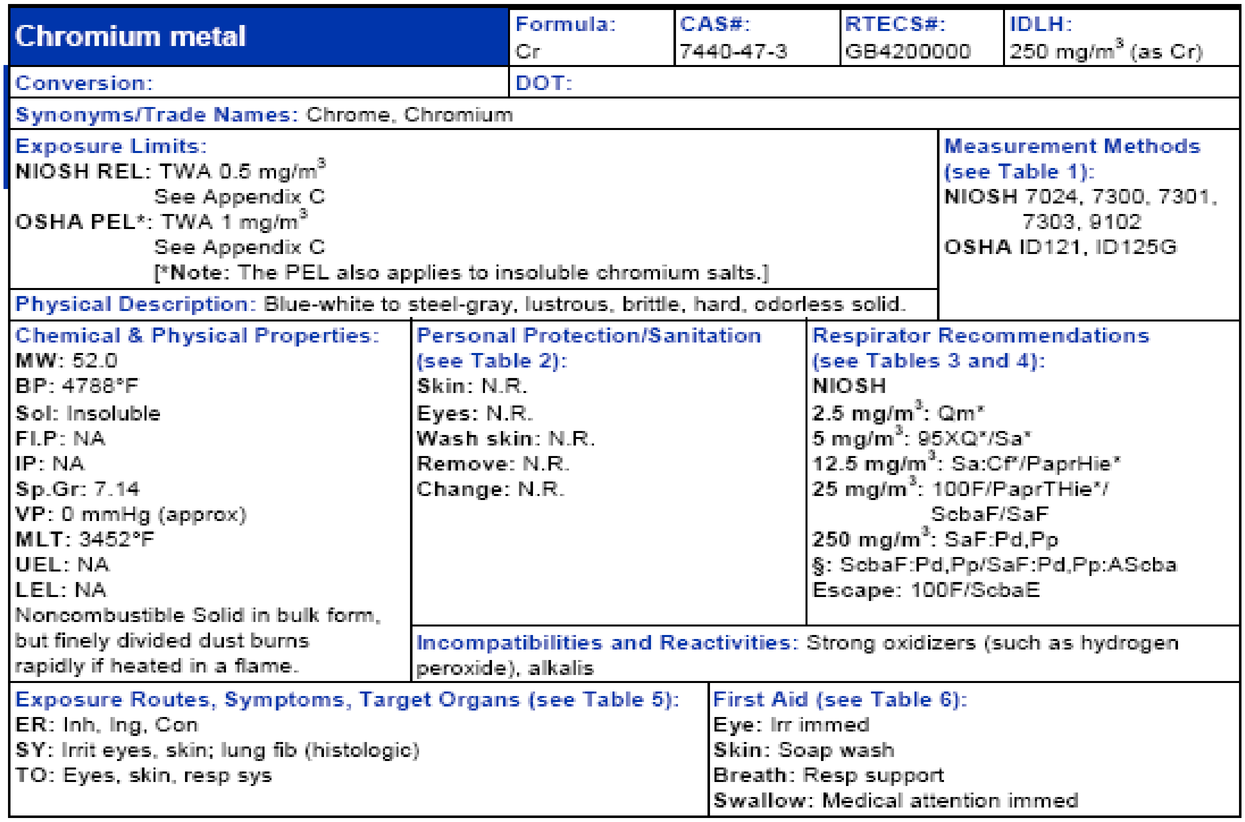
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam/Daily
Remove: When wet or contam
Change: Daily
Provide: Eyewash
Quick drench

Respirator Recommendations (see Tables 3 and 4):
NIOSH
10 mg/m^3: Qm
20 mg/m^3: 95XQ/Sa
25 mg/m^3: Sa:Cf/PaprHie/100F/
ScbaF/SaF
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Water (liberates heat), fluorine, ethanol
[**Note:** Reacts with water to form calcium hydroxide.]

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Irrit eyes, skin, upper resp tract; ulcer, perf nasal septum; pneu; derm
TO: Eyes, skin, resp sys

First Aid (see Table 6):
Eye: Irr immed
Skin: Water flush immed
Breath: Resp support
Swallow: Medical attention immed



Chromium metal	Formula:	CAS#:	RTECS#:	IDLH:
	Cr	7440-47-3	GB4200000	250 mg/m^3 (as Cr)

Conversion: **DOT:**

Synonyms/Trade Names: Chrome, Chromium

Exposure Limits:
NIOSH REL: TWA 0.5 mg/m^3
See Appendix C
OSHA PEL*: TWA 1 mg/m^3
See Appendix C
[*Note: The PEL also applies to insoluble chromium salts.]

Measurement Methods (see Table 1):
NIOSH 7024, 7300, 7301, 7303, 9102
OSHA ID121, ID125G

Physical Description: Blue-white to steel-gray, lustrous, brittle, hard, odorless solid.

Chemical & Physical Properties:
MW: 52.0
BP: 4788°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 7.14
VP: 0 mmHg (approx)
MLT: 3452°F
UEL: NA
LEL: NA
Noncombustible Solid in bulk form, but finely divided dust burns rapidly if heated in a flame.

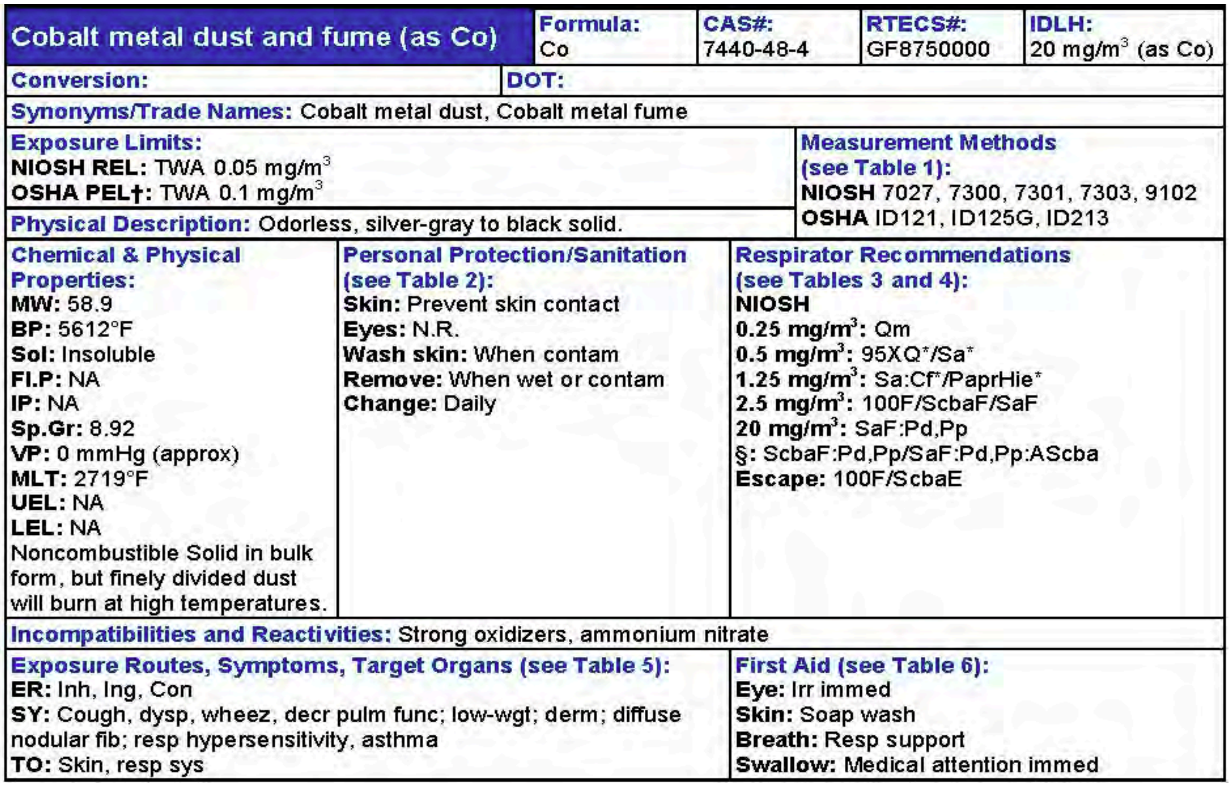
Personal Protection/Sanitation (see Table 2):
Skin: N.R.
Eyes: N.R.
Wash skin: N.R.
Remove: N.R.
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
NIOSH
2.5 mg/m^3: Qm*
5 mg/m^3: 95XQ*/Sa*
12.5 mg/m^3: Sa:Cf*/PaprHie*
25 mg/m^3: 100F/PaprTHie*/
ScbaF/SaF
250 mg/m^3: SaF:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Strong oxidizers (such as hydrogen peroxide), alkalis

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Irrit eyes, skin; lung fib (histologic)
TO: Eyes, skin, resp sys

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash
Breath: Resp support
Swallow: Medical attention immed



Cobalt metal dust and fume (as Co)	Formula: Co	CAS#: 7440-48-4	RTECS#: GF8750000	IDLH: 20 mg/m^3 (as Co)

Conversion:

DOT:

Synonyms/Trade Names: Cobalt metal dust, Cobalt metal fume

Exposure Limits:
NIOSH REL: TWA 0.05 mg/m^3
OSHA PEL†: TWA 0.1 mg/m^3

Measurement Methods (see Table 1):
NIOSH 7027, 7300, 7301, 7303, 9102
OSHA ID121, ID125G, ID213

Physical Description: Odorless, silver-gray to black solid.

Chemical & Physical Properties:
MW: 58.9
BP: 5612°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 8.92
VP: 0 mmHg (approx)
MLT: 2719°F
UEL: NA
LEL: NA
Noncombustible Solid in bulk form, but finely divided dust will burn at high temperatures.

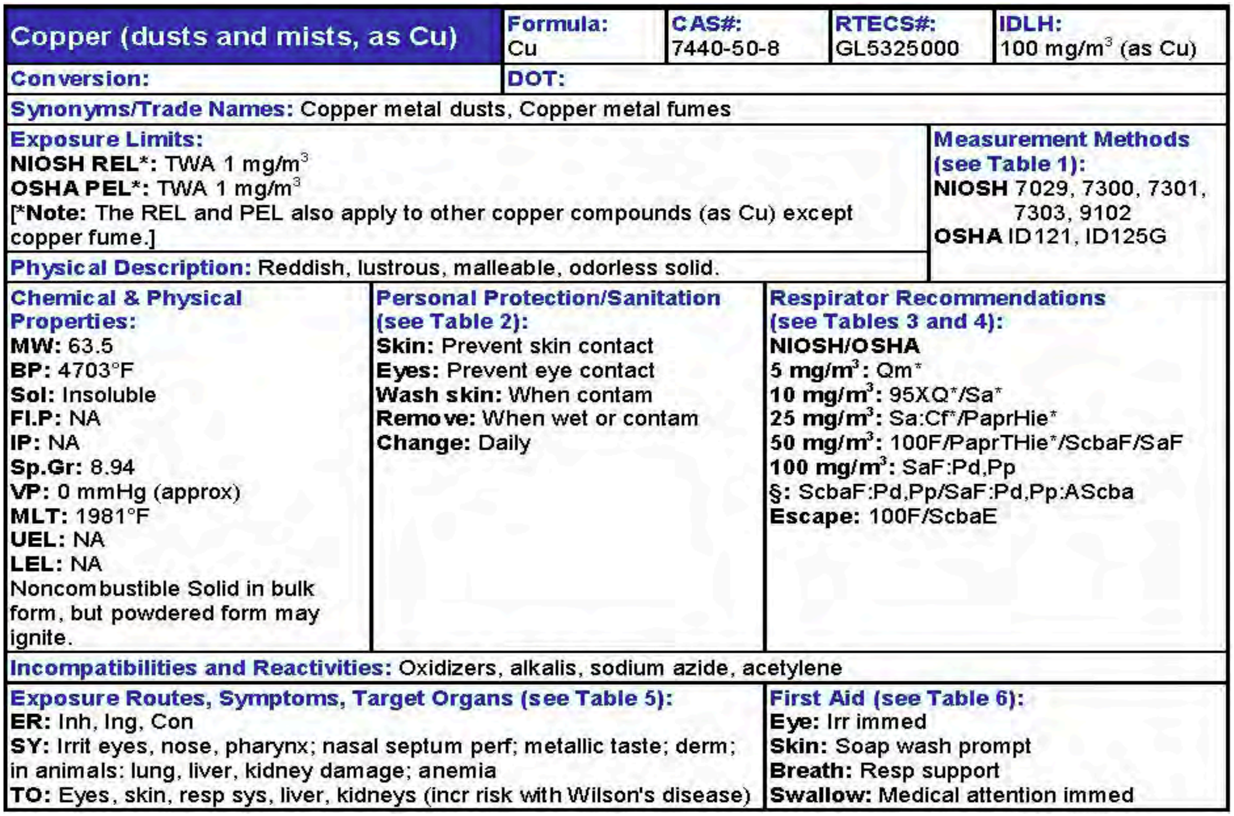
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: N.R.
Wash skin: When contam
Remove: When wet or contam
Change: Daily

Respirator Recommendations (see Tables 3 and 4):
NIOSH
0.25 mg/m^3: Qm
0.5 mg/m^3: 95XQ*/Sa*
1.25 mg/m^3: Sa:Cf*/PaprHie*
2.5 mg/m^3: 100F/ScbaF/SaF
20 mg/m^3: SaF:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Strong oxidizers, ammonium nitrate

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Cough, dysp, wheez, decr pulm func; low-wgt; derm; diffuse nodular fib; resp hypersensitivity, asthma
TO: Skin, resp sys

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash
Breath: Resp support
Swallow: Medical attention immed



Copper (dusts and mists, as Cu)	Formula: Cu	CAS#: 7440-50-8	RTECS#: GL5325000	IDLH: 100 mg/m^3 (as Cu)

Conversion:

DOT:

Synonyms/Trade Names: Copper metal dusts, Copper metal fumes

Exposure Limits:
NIOSH REL*: TWA 1 mg/m^3
OSHA PEL*: TWA 1 mg/m^3
[***Note:** The REL and PEL also apply to other copper compounds (as Cu) except copper fume.]

Measurement Methods (see Table 1):
NIOSH 7029, 7300, 7301, 7303, 9102
OSHA ID121, ID125G

Physical Description: Reddish, lustrous, malleable, odorless solid.

Chemical & Physical Properties:
MW: 63.5
BP: 4703°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 8.94
VP: 0 mmHg (approx)
MLT: 1981°F
UEL: NA
LEL: NA
Noncombustible Solid in bulk form, but powdered form may ignite.

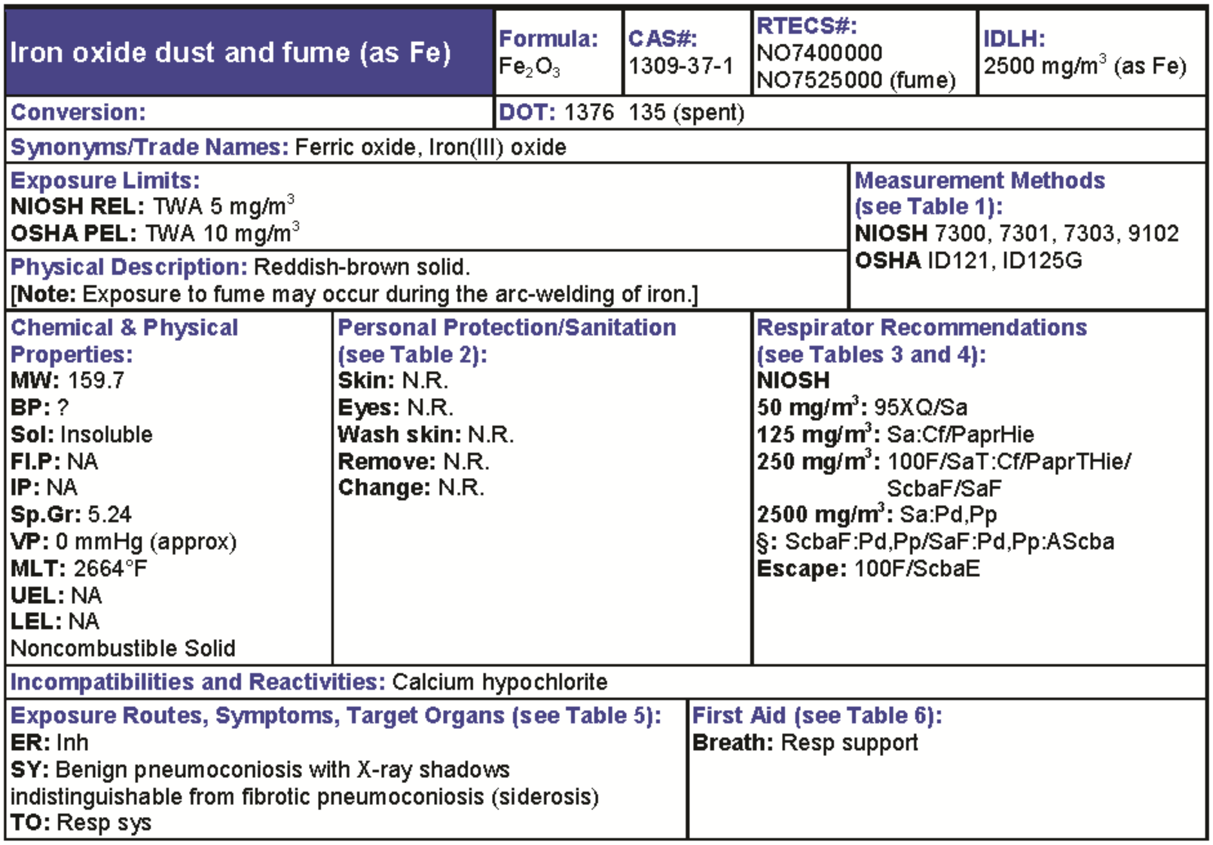
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet or contam
Change: Daily

Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
5 mg/m^3: Qm*
10 mg/m^3: 95XQ*/Sa*
25 mg/m^3: Sa:Cf*/PaprHie*
50 mg/m^3: 100F/PaprTHie*/ScbaF/SaF
100 mg/m^3: SaF:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Oxidizers, alkalis, sodium azide, acetylene

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Irrit eyes, nose, pharynx; nasal septum perf; metallic taste; derm; in animals: lung, liver, kidney damage; anemia
TO: Eyes, skin, resp sys, liver, kidneys (incr risk with Wilson's disease)

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash prompt
Breath: Resp support
Swallow: Medical attention immed



Iron oxide dust and fume (as Fe)	**Formula:** Fe_2O_3	**CAS#:** 1309-37-1	**RTECS#:** NO7400000 NO7525000 (fume)	**IDLH:** 2500 mg/m^3 (as Fe)

Conversion:

DOT: 1376 135 (spent)

Synonyms/Trade Names: Ferric oxide, Iron(III) oxide

Exposure Limits:
NIOSH REL: TWA 5 mg/m^3
OSHA PEL: TWA 10 mg/m^3

Measurement Methods (see Table 1):
NIOSH 7300, 7301, 7303, 9102
OSHA ID121, ID125G

Physical Description: Reddish-brown solid.
[**Note:** Exposure to fume may occur during the arc-welding of iron.]

Chemical & Physical Properties:
MW: 159.7
BP: ?
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 5.24
VP: 0 mmHg (approx)
MLT: 2664°F
UEL: NA
LEL: NA
Noncombustible Solid

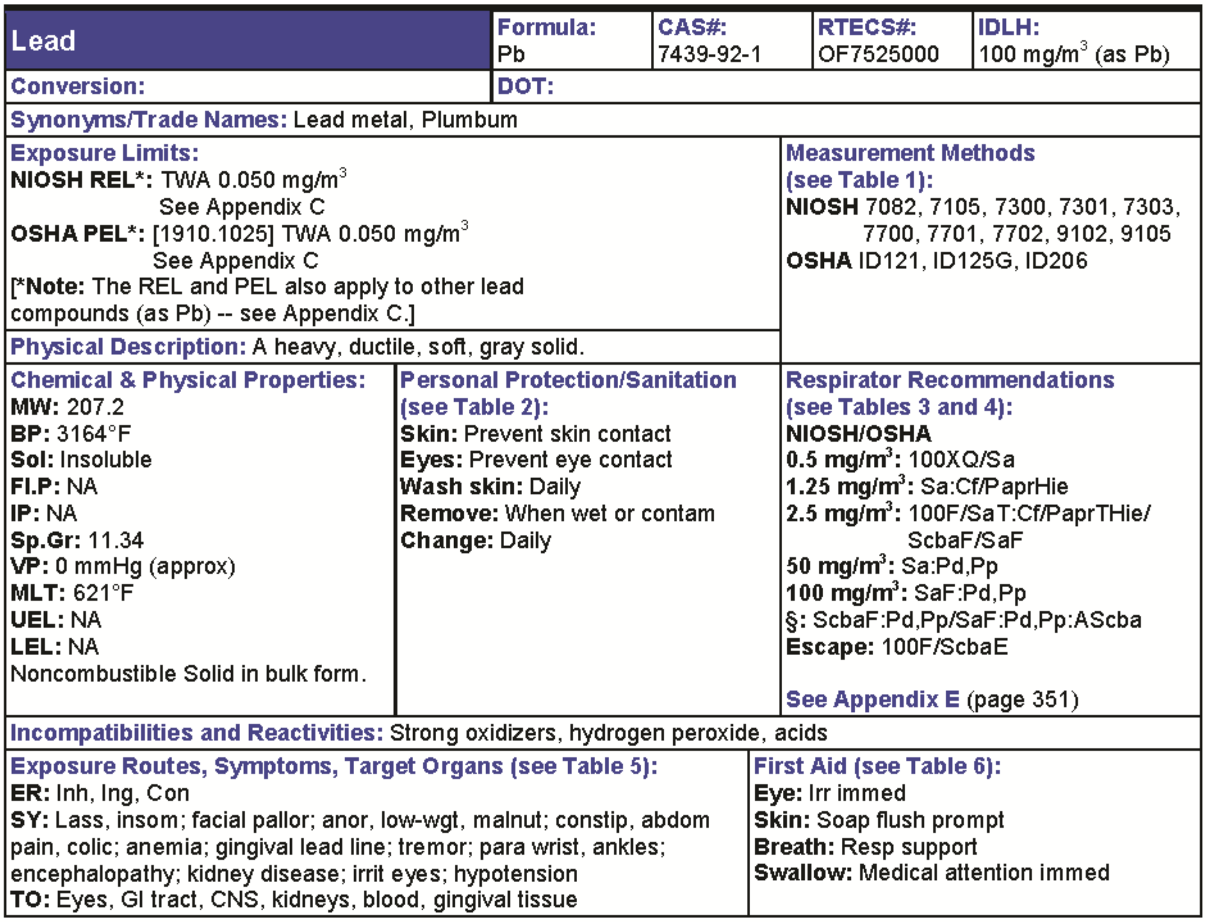
Personal Protection/Sanitation (see Table 2):
Skin: N.R.
Eyes: N.R.
Wash skin: N.R.
Remove: N.R.
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
NIOSH
50 mg/m^3: 95XQ/Sa
125 mg/m^3: Sa:Cf/PaprHie
250 mg/m^3: 100F/SaT:Cf/PaprTHie/ ScbaF/SaF
2500 mg/m^3: Sa:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Calcium hypochlorite

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh
SY: Benign pneumoconiosis with X-ray shadows indistinguishable from fibrotic pneumoconiosis (siderosis)
TO: Resp sys

First Aid (see Table 6):
Breath: Resp support



Lead	**Formula:** Pb	**CAS#:** 7439-92-1	**RTECS#:** OF7525000	**IDLH:** 100 mg/m^3 (as Pb)

Conversion:

DOT:

Synonyms/Trade Names: Lead metal, Plumbum

Exposure Limits:
NIOSH REL*: TWA 0.050 mg/m^3
See Appendix C
OSHA PEL*: [1910.1025] TWA 0.050 mg/m^3
See Appendix C
[***Note:** The REL and PEL also apply to other lead compounds (as Pb) -- see Appendix C.]

Measurement Methods (see Table 1):
NIOSH 7082, 7105, 7300, 7301, 7303, 7700, 7701, 7702, 9102, 9105
OSHA ID121, ID125G, ID206

Physical Description: A heavy, ductile, soft, gray solid.

Chemical & Physical Properties:
MW: 207.2
BP: 3164°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 11.34
VP: 0 mmHg (approx)
MLT: 621°F
UEL: NA
LEL: NA
Noncombustible Solid in bulk form.

Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: Daily
Remove: When wet or contam
Change: Daily

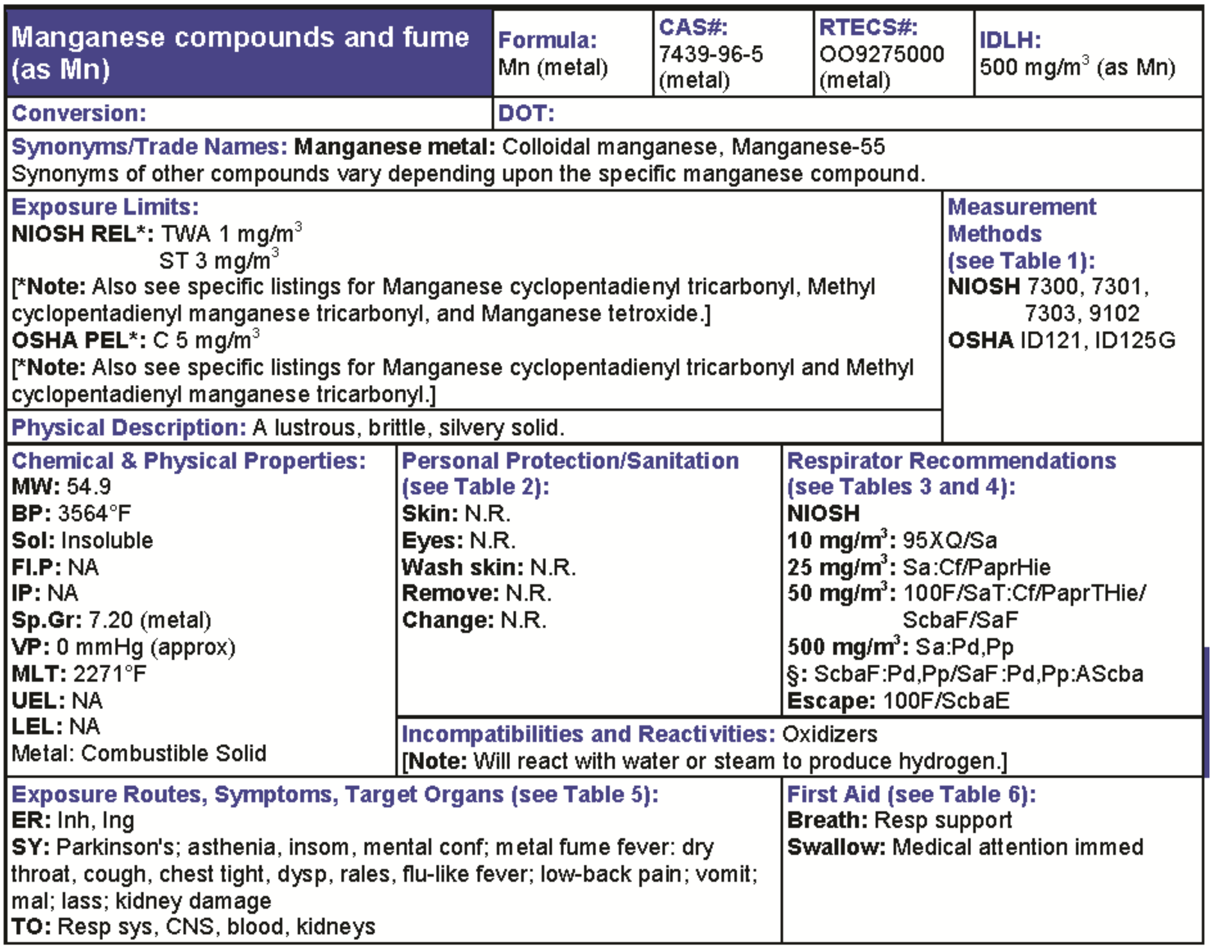
Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
0.5 mg/m^3: 100XQ/Sa
1.25 mg/m^3: Sa:Cf/PaprHie
2.5 mg/m^3: 100F/SaT:Cf/PaprTHie/ ScbaF/SaF
50 mg/m^3: Sa:Pd,Pp
100 mg/m^3: SaF:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

See Appendix E (page 351)

Incompatibilities and Reactivities: Strong oxidizers, hydrogen peroxide, acids

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Lass, insom; facial pallor; anor, low-wgt, malnut; constip, abdom pain, colic; anemia; gingival lead line; tremor; para wrist, ankles; encephalopathy; kidney disease; irrit eyes; hypotension
TO: Eyes, GI tract, CNS, kidneys, blood, gingival tissue

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap flush prompt
Breath: Resp support
Swallow: Medical attention immed



Manganese compounds and fume (as Mn)	Formula: Mn (metal)	CAS#: 7439-96-5 (metal)	RTECS#: OO9275000 (metal)	IDLH: 500 mg/m^3 (as Mn)

Conversion:

DOT:

Synonyms/Trade Names: **Manganese metal:** Colloidal manganese, Manganese-55
Synonyms of other compounds vary depending upon the specific manganese compound.

Exposure Limits:
NIOSH REL*: TWA 1 mg/m^3
ST 3 mg/m^3
[***Note:** Also see specific listings for Manganese cyclopentadienyl tricarbonyl, Methyl cyclopentadienyl manganese tricarbonyl, and Manganese tetroxide.]
OSHA PEL*: C 5 mg/m^3
[***Note:** Also see specific listings for Manganese cyclopentadienyl tricarbonyl and Methyl cyclopentadienyl manganese tricarbonyl.]

Measurement Methods (see Table 1):
NIOSH 7300, 7301, 7303, 9102
OSHA ID121, ID125G

Physical Description: A lustrous, brittle, silvery solid.

Chemical & Physical Properties:
MW: 54.9
BP: 3564°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 7.20 (metal)
VP: 0 mmHg (approx)
MLT: 2271°F
UEL: NA
LEL: NA
Metal: Combustible Solid

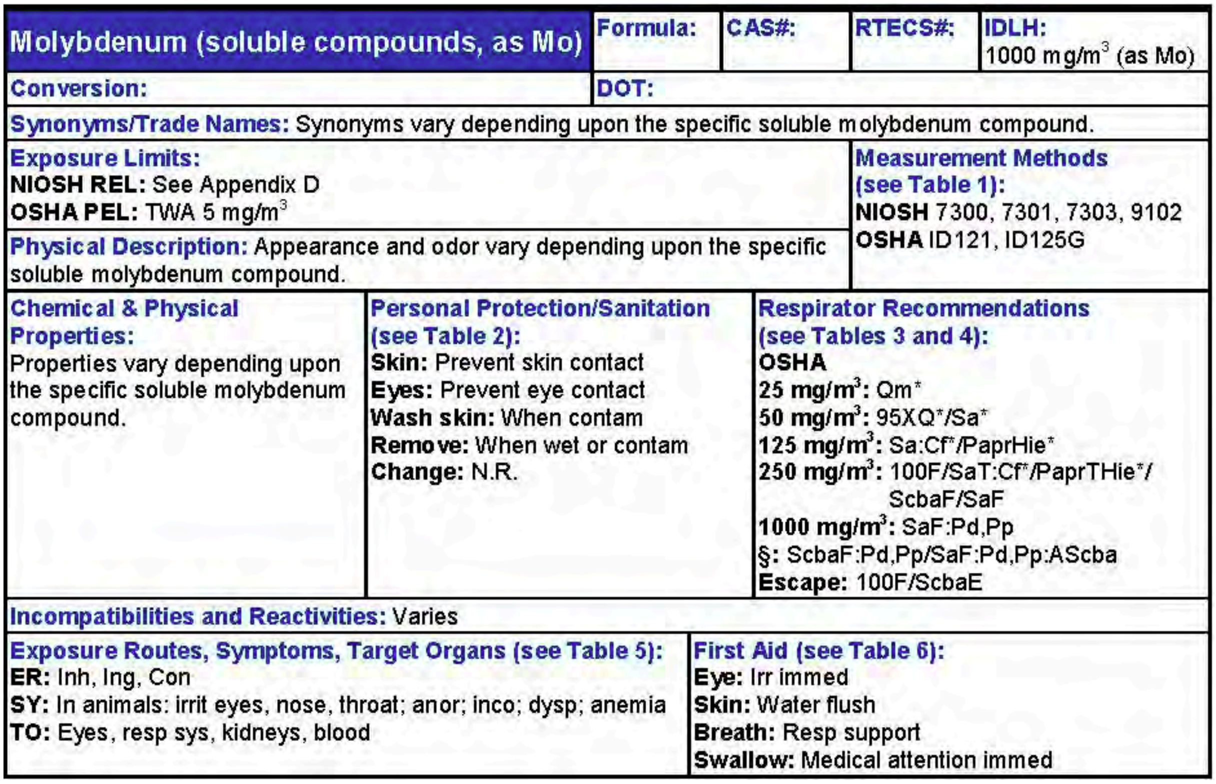
Personal Protection/Sanitation (see Table 2):
Skin: N.R.
Eyes: N.R.
Wash skin: N.R.
Remove: N.R.
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
NIOSH
10 mg/m^3: 95XQ/Sa
25 mg/m^3: Sa:Cf/PaprHie
50 mg/m^3: 100F/SaT:Cf/PaprTHie/ScbaF/SaF
500 mg/m^3: Sa:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Oxidizers
[**Note:** Will react with water or steam to produce hydrogen.]

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing
SY: Parkinson's; asthenia, insom, mental conf; metal fume fever: dry throat, cough, chest tight, dysp, rales, flu-like fever; low-back pain; vomit; mal; lass; kidney damage
TO: Resp sys, CNS, blood, kidneys

First Aid (see Table 6):
Breath: Resp support
Swallow: Medical attention immed



Molybdenum (soluble compounds, as Mo)	Formula:	CAS#:	RTECS#:	IDLH: 1000 mg/m^3 (as Mo)

Conversion:

DOT:

Synonyms/Trade Names: Synonyms vary depending upon the specific soluble molybdenum compound.

Exposure Limits:
NIOSH REL: See Appendix D
OSHA PEL: TWA 5 mg/m^3

Measurement Methods (see Table 1):
NIOSH 7300, 7301, 7303, 9102
OSHA ID121, ID125G

Physical Description: Appearance and odor vary depending upon the specific soluble molybdenum compound.

Chemical & Physical Properties:
Properties vary depending upon the specific soluble molybdenum compound.

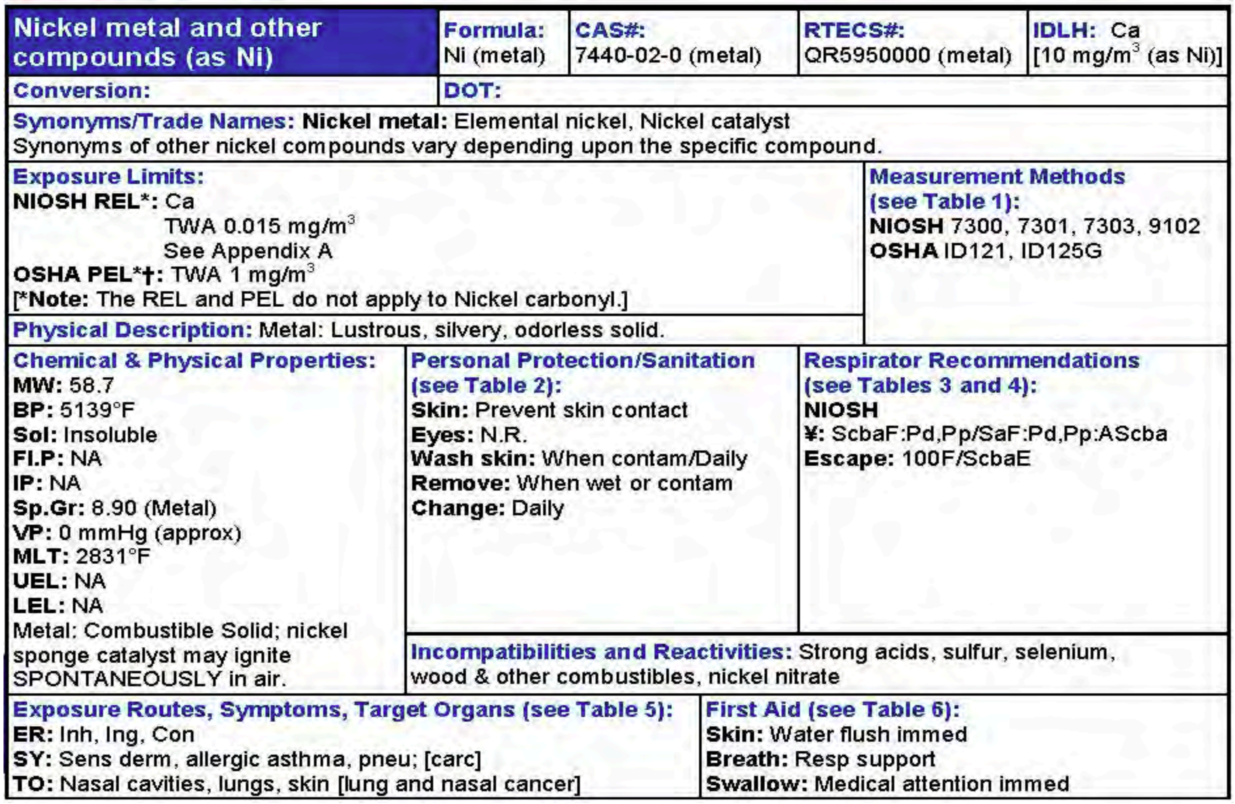
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet or contam
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
OSHA
25 mg/m^3: Qm*
50 mg/m^3: 95XQ*/Sa*
125 mg/m^3: Sa:Cf*/PaprHie*
250 mg/m^3: 100F/SaT:Cf*/PaprTHie*/ScbaF/SaF
1000 mg/m^3: SaF:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Varies

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: In animals: irrit eyes, nose, throat; anor; inco; dysp; anemia
TO: Eyes, resp sys, kidneys, blood

First Aid (see Table 6):
Eye: Irr immed
Skin: Water flush
Breath: Resp support
Swallow: Medical attention immed



Nickel metal and other compounds (as Ni)	**Formula:** Ni (metal)	**CAS#:** 7440-02-0 (metal)	**RTECS#:** QR5950000 (metal)	**IDLH:** Ca [10 mg/m^3 (as Ni)]
Conversion:	**DOT:**			

Synonyms/Trade Names: **Nickel metal:** Elemental nickel, Nickel catalyst
Synonyms of other nickel compounds vary depending upon the specific compound.

Exposure Limits:
NIOSH REL*: Ca
TWA 0.015 mg/m^3
See Appendix A
OSHA PEL*†: TWA 1 mg/m^3
[***Note:** The REL and PEL do not apply to Nickel carbonyl.]

Measurement Methods (see Table 1):
NIOSH 7300, 7301, 7303, 9102
OSHA ID121, ID125G

Physical Description: Metal: Lustrous, silvery, odorless solid.

Chemical & Physical Properties:
MW: 58.7
BP: 5139°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 8.90 (Metal)
VP: 0 mmHg (approx)
MLT: 2831°F
UEL: NA
LEL: NA
Metal: Combustible Solid; nickel sponge catalyst may ignite SPONTANEOUSLY in air.

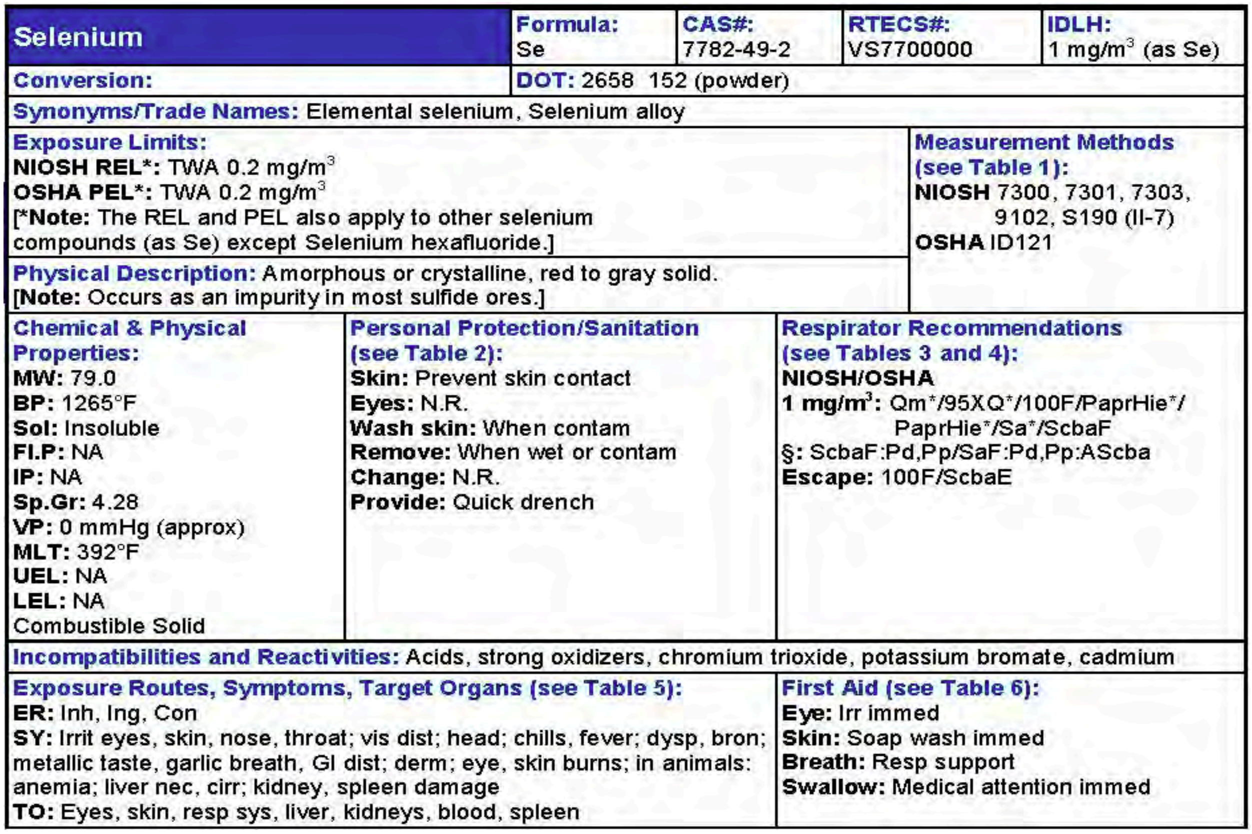
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: N.R.
Wash skin: When contam/Daily
Remove: When wet or contam
Change: Daily

Respirator Recommendations (see Tables 3 and 4):
NIOSH
¥: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Strong acids, sulfur, selenium, wood & other combustibles, nickel nitrate

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Sens derm, allergic asthma, pneu; [carc]
TO: Nasal cavities, lungs, skin [lung and nasal cancer]

First Aid (see Table 6):
Skin: Water flush immed
Breath: Resp support
Swallow: Medical attention immed



Selenium	**Formula:** Se	**CAS#:** 7782-49-2	**RTECS#:** VS7700000	**IDLH:** 1 mg/m^3 (as Se)
Conversion:	**DOT:** 2658 152 (powder)			

Synonyms/Trade Names: Elemental selenium, Selenium alloy

Exposure Limits:
NIOSH REL*: TWA 0.2 mg/m^3
OSHA PEL*: TWA 0.2 mg/m^3
[***Note:** The REL and PEL also apply to other selenium compounds (as Se) except Selenium hexafluoride.]

Measurement Methods (see Table 1):
NIOSH 7300, 7301, 7303, 9102, S190 (II-7)
OSHA ID121

Physical Description: Amorphous or crystalline, red to gray solid.
[**Note:** Occurs as an impurity in most sulfide ores.]

Chemical & Physical Properties:
MW: 79.0
BP: 1265°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 4.28
VP: 0 mmHg (approx)
MLT: 392°F
UEL: NA
LEL: NA
Combustible Solid

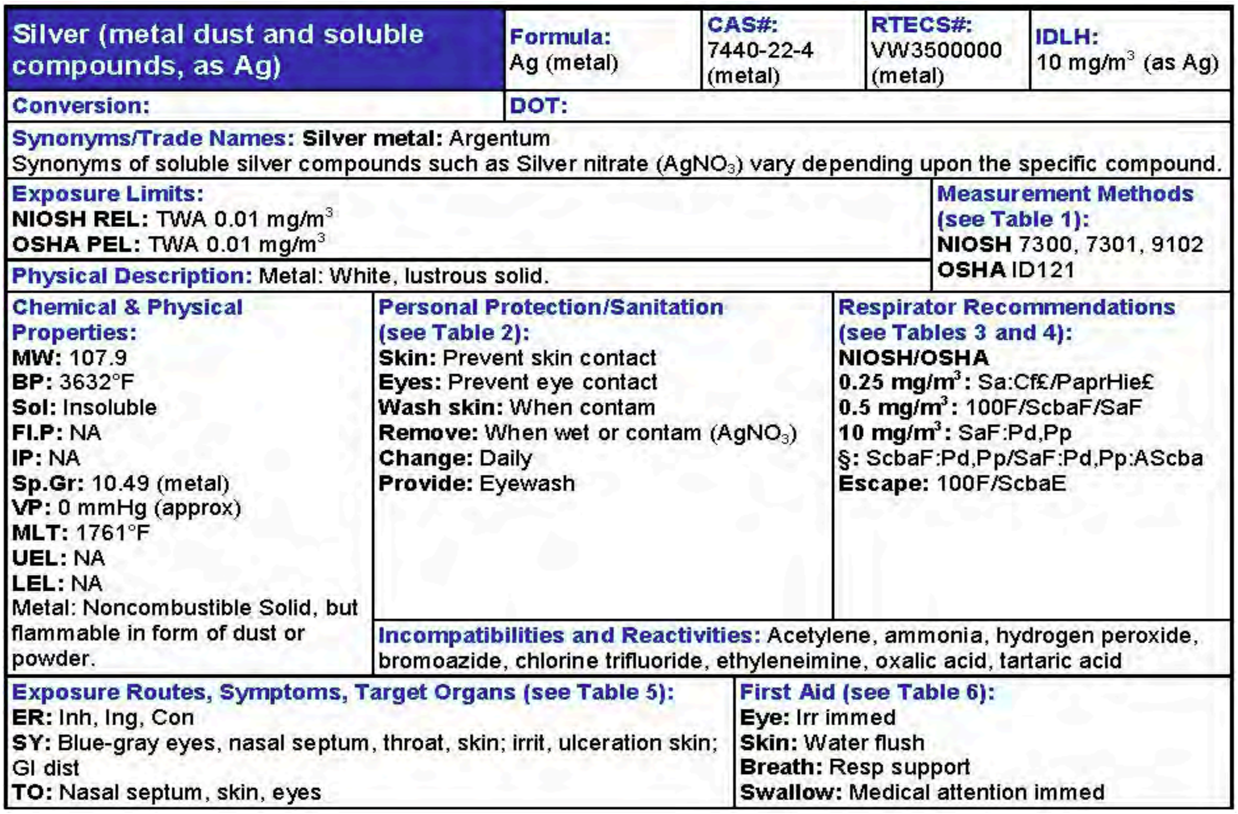
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: N.R.
Wash skin: When contam
Remove: When wet or contam
Change: N.R.
Provide: Quick drench

Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
1 mg/m^3: Qm*/95XQ*/100F/PaprHie*/
PaprHie*/Sa*/ScbaF
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Acids, strong oxidizers, chromium trioxide, potassium bromate, cadmium

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Irrit eyes, skin, nose, throat; vis dist; head; chills, fever; dysp, bron; metallic taste, garlic breath, GI dist; derm; eye, skin burns; in animals: anemia; liver nec, cirr; kidney, spleen damage
TO: Eyes, skin, resp sys, liver, kidneys, blood, spleen

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash immed
Breath: Resp support
Swallow: Medical attention immed



Silver (metal dust and soluble compounds, as Ag)

Formula: Ag (metal)

CAS#: 7440-22-4 (metal)

RTECS#: VW3500000 (metal)

IDLH: 10 mg/m^3 (as Ag)

Conversion:

DOT:

Synonyms/Trade Names: **Silver metal:** Argentum
Synonyms of soluble silver compounds such as Silver nitrate ($AgNO_3$) vary depending upon the specific compound.

Exposure Limits:
NIOSH REL: TWA 0.01 mg/m^3
OSHA PEL: TWA 0.01 mg/m^3

Measurement Methods (see Table 1):
NIOSH 7300, 7301, 9102
OSHA ID121

Physical Description: Metal: White, lustrous solid.

Chemical & Physical Properties:
MW: 107.9
BP: 3632°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 10.49 (metal)
VP: 0 mmHg (approx)
MLT: 1761°F
UEL: NA
LEL: NA
Metal: Noncombustible Solid, but flammable in form of dust or powder.

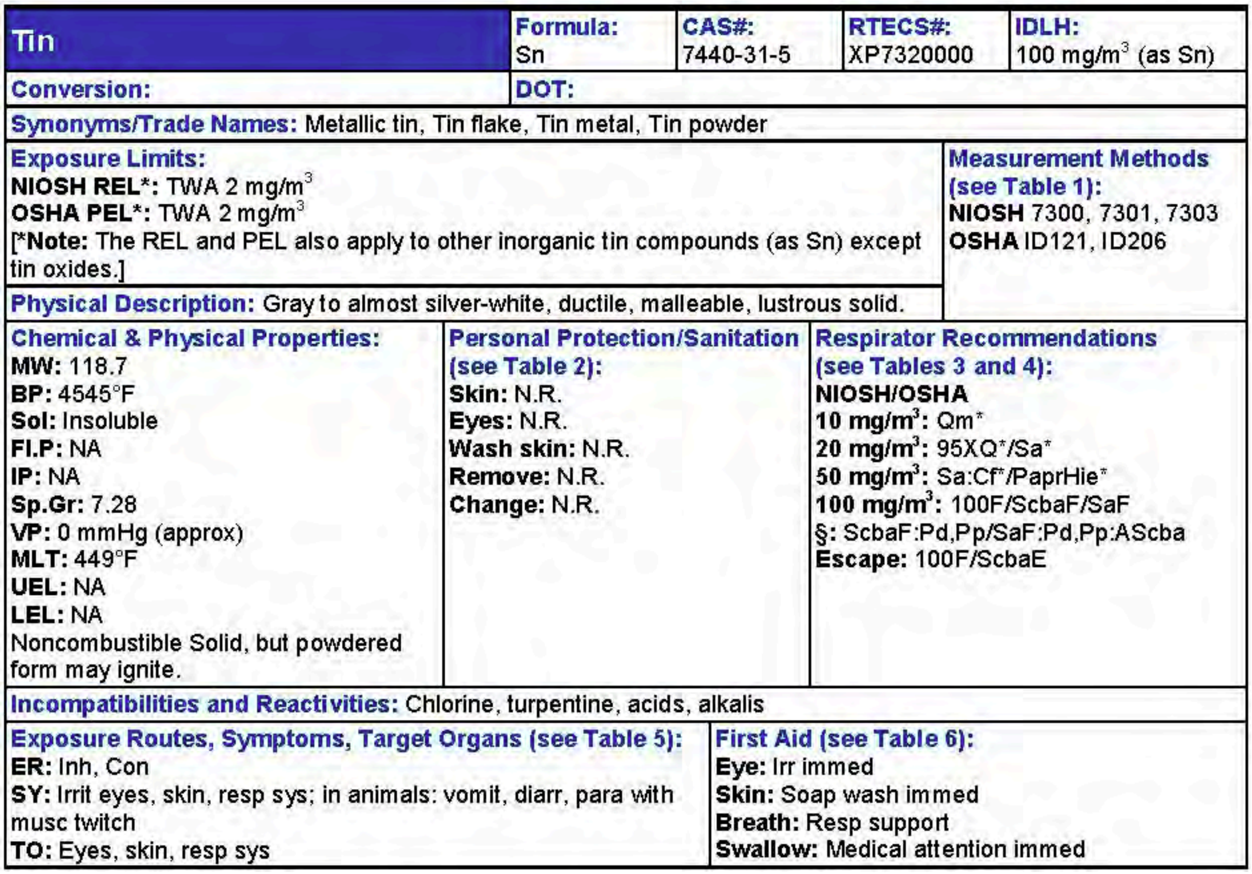
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet or contam ($AgNO_3$)
Change: Daily
Provide: Eyewash

Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
0.25 mg/m^3: Sa:Cf£/PaprHie£
0.5 mg/m^3: 100F/ScbaF/SaF
10 mg/m^3: SaF:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Acetylene, ammonia, hydrogen peroxide, bromoazide, chlorine trifluoride, ethyleneimine, oxalic acid, tartaric acid

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Blue-gray eyes, nasal septum, throat, skin; irrit, ulceration skin; GI dist
TO: Nasal septum, skin, eyes

First Aid (see Table 6):
Eye: Irr immed
Skin: Water flush
Breath: Resp support
Swallow: Medical attention immed



Tin

Formula: Sn

CAS#: 7440-31-5

RTECS#: XP7320000

IDLH: 100 mg/m^3 (as Sn)

Conversion:

DOT:

Synonyms/Trade Names: Metallic tin, Tin flake, Tin metal, Tin powder

Exposure Limits:
NIOSH REL*: TWA 2 mg/m^3
OSHA PEL*: TWA 2 mg/m^3
[***Note:** The REL and PEL also apply to other inorganic tin compounds (as Sn) except tin oxides.]

Measurement Methods (see Table 1):
NIOSH 7300, 7301, 7303
OSHA ID121, ID206

Physical Description: Gray to almost silver-white, ductile, malleable, lustrous solid.

Chemical & Physical Properties:
MW: 118.7
BP: 4545°F
Sol: Insoluble
Fl.P: NA
IP: NA
Sp.Gr: 7.28
VP: 0 mmHg (approx)
MLT: 449°F
UEL: NA
LEL: NA
Noncombustible Solid, but powdered form may ignite.

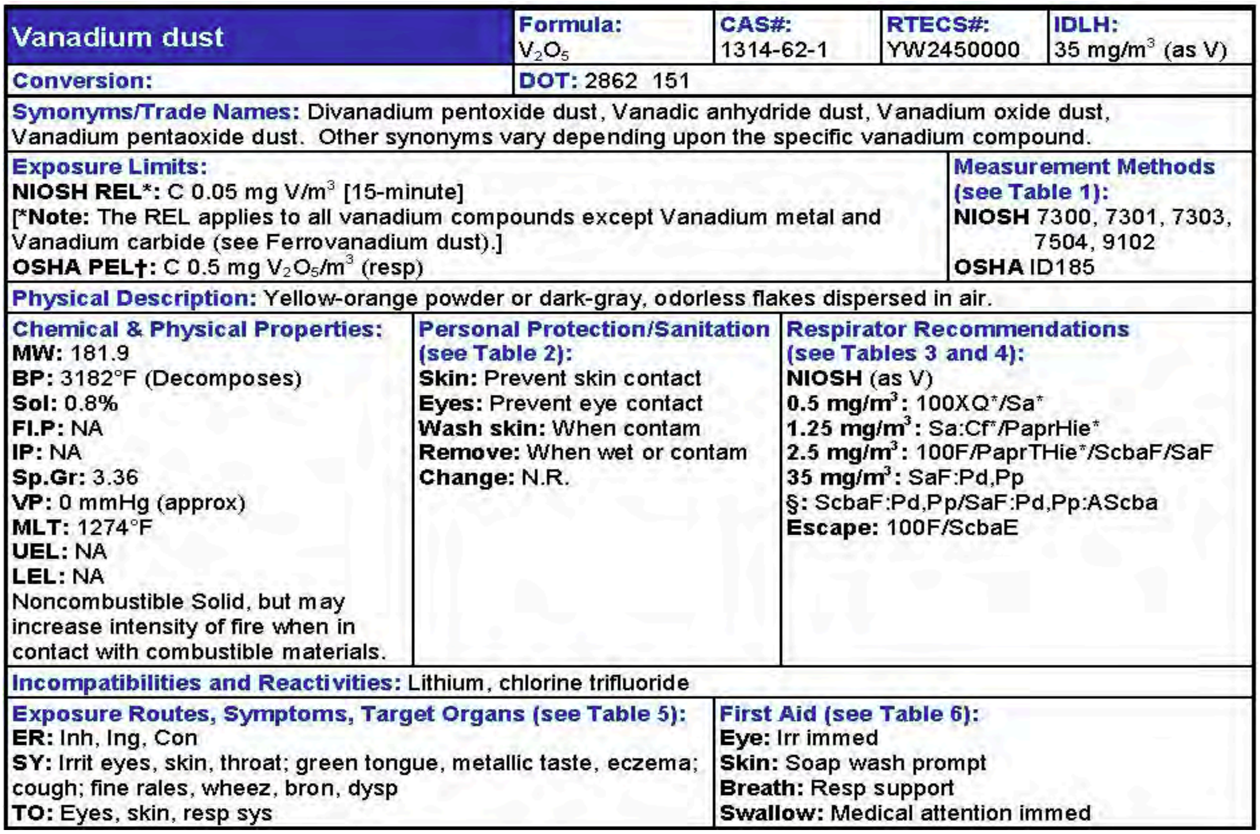
Personal Protection/Sanitation (see Table 2):
Skin: N.R.
Eyes: N.R.
Wash skin: N.R.
Remove: N.R.
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
10 mg/m^3: Qm*
20 mg/m^3: 95XQ*/Sa*
50 mg/m^3: Sa:Cf*/PaprHie*
100 mg/m^3: 100F/ScbaF/SaF
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Chlorine, turpentine, acids, alkalis

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Con
SY: Irrit eyes, skin, resp sys; in animals: vomit, diarr, para with musc twitch
TO: Eyes, skin, resp sys

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash immed
Breath: Resp support
Swallow: Medical attention immed



Vanadium dust	Formula: V_2O_5	CAS#: 1314-62-1	RTECS#: YW2450000	IDLH: 35 mg/m³ (as V)
Conversion:	DOT: 2862 151			

Synonyms/Trade Names: Divanadium pentoxide dust, Vanadic anhydride dust, Vanadium oxide dust, Vanadium pentaoxide dust. Other synonyms vary depending upon the specific vanadium compound.

Exposure Limits:
NIOSH REL*: C 0.05 mg V/m³ [15-minute]
[***Note:** The REL applies to all vanadium compounds except Vanadium metal and Vanadium carbide (see Ferrovanadium dust).]
OSHA PEL†: C 0.5 mg V_2O_5/m³ (resp)

Measurement Methods (see Table 1):
NIOSH 7300, 7301, 7303, 7504, 9102
OSHA ID185

Physical Description: Yellow-orange powder or dark-gray, odorless flakes dispersed in air.

Chemical & Physical Properties:
MW: 181.9
BP: 3182°F (Decomposes)
Sol: 0.8%
Fl.P: NA
IP: NA
Sp.Gr: 3.36
VP: 0 mmHg (approx)
MLT: 1274°F
UEL: NA
LEL: NA
Noncombustible Solid, but may increase intensity of fire when in contact with combustible materials.

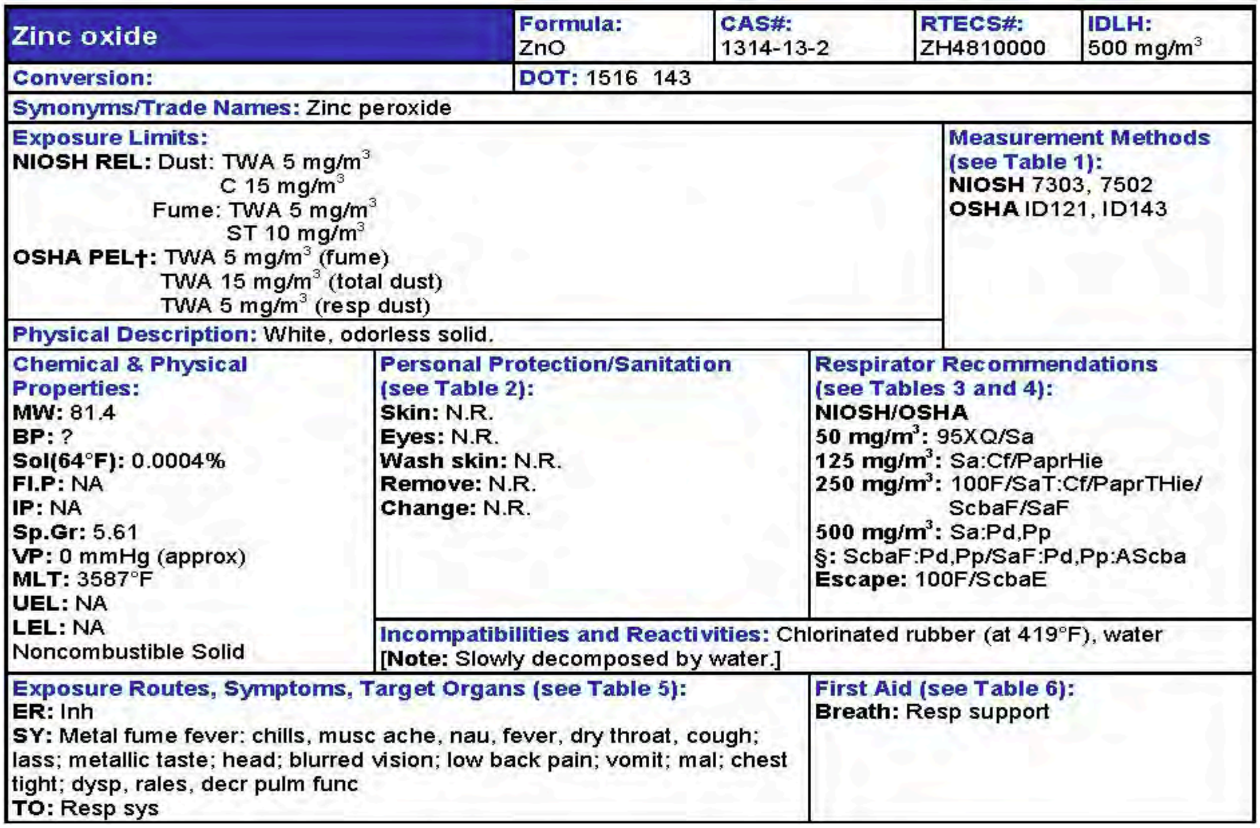
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet or contam
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
NIOSH (as V)
0.5 mg/m³: 100XQ*/Sa*
1.25 mg/m³: Sa:Cf*/PaprHie*
2.5 mg/m³: 100F/PaprTHie*/ScbaF/SaF
35 mg/m³: SaF:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Lithium, chlorine trifluoride

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Irrit eyes, skin, throat; green tongue, metallic taste, eczema; cough; fine rales, wheez, bron, dysp
TO: Eyes, skin, resp sys

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash prompt
Breath: Resp support
Swallow: Medical attention immed



Zinc oxide	Formula: ZnO	CAS#: 1314-13-2	RTECS#: ZH4810000	IDLH: 500 mg/m³
Conversion:	DOT: 1516 143			

Synonyms/Trade Names: Zinc peroxide

Exposure Limits:
NIOSH REL: Dust: TWA 5 mg/m³
C 15 mg/m³
Fume: TWA 5 mg/m³
ST 10 mg/m³
OSHA PEL†: TWA 5 mg/m³ (fume)
TWA 15 mg/m³ (total dust)
TWA 5 mg/m³ (resp dust)

Measurement Methods (see Table 1):
NIOSH 7303, 7502
OSHA ID121, ID143

Physical Description: White, odorless solid.

Chemical & Physical Properties:
MW: 81.4
BP: ?
Sol(64°F): 0.0004%
Fl.P: NA
IP: NA
Sp.Gr: 5.61
VP: 0 mmHg (approx)
MLT: 3587°F
UEL: NA
LEL: NA
Noncombustible Solid

Personal Protection/Sanitation (see Table 2):
Skin: N.R.
Eyes: N.R.
Wash skin: N.R.
Remove: N.R.
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
50 mg/m³: 95XQ/Sa
125 mg/m³: Sa:Cf/PaprHie
250 mg/m³: 100F/SaT:Cf/PaprTHie/ScbaF/SaF
500 mg/m³: Sa:Pd,Pp
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: 100F/ScbaE

Incompatibilities and Reactivities: Chlorinated rubber (at 419°F), water
[**Note:** Slowly decomposed by water.]

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh
SY: Metal fume fever: chills, musc ache, nau, fever, dry throat, cough; lass; metallic taste; head; blurred vision; low back pain; vomit; mal; chest tight; dysp, rales, decr pulm func
TO: Resp sys

First Aid (see Table 6):
Breath: Resp support

APPENDIX D

I. SUBSTANCE IDENTIFICATION

A. Substance. Inorganic Arsenic.

B. Definition. Copper acetoarsenite, arsenic and all inorganic compounds containing arsenic except arsine, measured as arsenic (As).

C. Permissible Exposure Limit. 0.01 milligrams per cubic meter of air (same as 10 micrograms per cubic meter of air) as determined as an average over an 8-hour period. No employee may be exposed to any skin or eye contact with arsenic trichloride or to skin or eye contact likely to cause skin or eye irritation.

D. Action Level. 0.005 milligrams per cubic meter of air (same as 5 micrograms per cubic meter of air) determined as an average over an 8-hour period.

E. Regulated Areas. Only employees authorized by your employer should enter a regulated area.

II. HEALTH HAZARD DATA

A. Comments. The health hazard of inorganic arsenic is high.

B. Ways In Which Inorganic Arsenic Affects Your Body. Exposure to airborne inorganic arsenic may cause lung cancer, and it can be a skin irritant. Inorganic arsenic may also affect your body if swallowed. One compound in particular, arsenic trichloride, is especially dangerous because it is highly corrosive and it can be absorbed readily through the skin. Because inorganic arsenic is a poison, you should wash your hands thoroughly prior to eating or smoking.

III. PROTECTIVE CLOTHING AND EQUIPMENT

A. Respirators. Respirators will be provided by your employer at no cost to you for routine use if your employer is in the process of implementing engineering and work practice controls or where engineering and work practice controls are not feasible or insufficient. You must wear respirators for non-routine activities or in emergency situations where you are likely to be exposed to levels of inorganic arsenic in excess of the permissible exposure limit. Since how well your respirator fits your face is very important, your employer is required to conduct fit tests to make sure the respirator seals properly when you wear it. These tests are simple and rapid and will be explained to you during training sessions.

B. Protective clothing. If you work in a regulated area, your employer is required to provide at no cost to you, and you must wear, appropriate, clean, protective clothing and equipment. The purpose of this equipment is to prevent you from bringing to your home arsenic-contaminated dust and to protect your body from repeated skin contact with inorganic arsenic likely to cause skin irritation. This clothing should include such items as coveralls or similar full-body clothing, gloves, shoes or coverlets, and aprons. Protective equipment should include face shields or vented goggles where eye injury may occur.

IV. HYGIENE FACILITIES AND PRACTICES

You must not eat, drink, smoke, chew gum or tobacco, or apply cosmetics in the regulated area, except that drinking water is permitted. If you work in a regulated area your employer is required to provide lunch rooms and other areas for these purposes.

If you work in a regulated area, your employer is required to provide showers, washing facilities, and change rooms. You must wash your face and hands before eating and must shower at the end of the work shift. Do not take used protective clothing out of change rooms without your employer's permission. Your employer is required to provide for laundering or cleaning of your protective clothing.

V. SIGNS AND LABELS

Your employer is required to post warning signs and labels for your protection. Signs must be posted in regulated areas. The signs must warn that a cancer hazard is present, that only authorized employees may enter the area, and that no smoking or eating is allowed, and that respirators must be worn.

VI. MEDICAL EXAMINATIONS

If your exposure to arsenic is over the action level at least 30 days per year, or your have been exposed to arsenic for more than 10 years over the action level, your employer is required to provide you with a medical examination. The examination shall be every 6 months for employees over 45 years old or with more than 10 years exposure over the action level and annually for other covered employees. The initial medical examination must include a medical history; a chest X-ray; skin examination; nasal examination and sputum cytology examination for the early detection of lung cancer. In subsequent medical examinations, the chest X-ray is not required unless recommended by the physician. The cytology exams are only included in the initial examination and examinations given after you are either 45 years or older or have 10 or more years employment over the action level. The examining physician will provide a written opinion to your employer interpreting the results of the medical exams. You should also receive a copy of this opinion. The physician must not tell your employer any conditions he or she detects unrelated to occupational exposure to arsenic but must tell you those conditions.

VII.OBSERVATION OF MONITORING

Your employer is required to monitor your exposure to arsenic and you or your representatives are entitled to observe the monitoring procedure. You are entitled to receive an explanation of the measurement procedure, and to record the results obtained. When the monitoring procedure is taking place in an area where respirators or personal protective clothing and equipment are required to be worn, you must also be provided with and must wear the protective clothing and equipment.

VIII. ACCESS TO RECORDS

You or your representative are entitled to records of your exposure to inorganic arsenic upon request to your employer. Your medical examination records can be furnished to you, your physician, or any other individual or organization that you designate if you request your employer to provide them.

IX. TRAINING AND NOTIFICATION

Additional information on all of these items plus training as to hazards of exposure to inorganic arsenic and the engineering and work practice controls associated with your job will also be provided by your employer. If you are exposed over the permissible exposure limit, your employer must inform you of that fact and the actions he or she is taking to reduce your exposures.

APPENDIX E

Substance Safety Data Sheet Cadmium

I. SUBSTANCE IDENTIFICATION

A. Substance: Cadmium.

B. 8-Hour, Time-weighted-average, Permissible Exposure Limit (TWA PEL):

1. TWA PEL: Five micrograms of cadmium per cubic meter of air 5 $\mu g/m^3$, time-weighted average (TWA) for an 8-hour workday.

C. Appearance: Cadmium metal - soft, blue-white, malleable, lustrous metal or grayish-white powder. Some cadmium compounds may also appear as a brown, yellow, or red powdery substance.

II. HEALTH HAZARD DATA

A. Routes of Exposure.

Cadmium can cause local skin or eye irritation. Cadmium can affect your health if you inhale it or if you swallow it.

B. Effects of overexposure.

1. Short-term (acute) exposure: Cadmium is much more dangerous by inhalation than by ingestion. High exposures to cadmium that may be immediately dangerous to life or health occur in jobs where workers handle large quantities of cadmium dust or fume; heat cadmium-containing compounds or cadmium-coated surfaces; weld with cadmium solders or cut cadmium-containing materials such as bolts.
2. Severe exposure may occur before symptoms appear. Early symptoms may include mild irritation of the upper respiratory tract, a sensation of constriction of the throat, a metallic taste and/or a cough. A period of 1 - 10 hours may precede the onset of rapidly progressing shortness of breath, chest pain, and flu-like symptoms with weakness, fever, headache, chills, sweating and muscular pain. Acute pulmonary edema usually develops within 24 hours and reaches a maximum by three days. If death from asphyxia does not occur, symptoms may resolve within a week.
3. Long-term (chronic) exposure. Repeated or long-term exposure to cadmium, even at relatively low concentrations, may result in kidney damage and an increased risk of cancer of the lung and of the prostate.

C. Emergency First Aid Procedures

1. Eye exposure: Direct contact may cause redness or pain. Wash eyes immediately with large amounts of water, lifting the upper and lower eyelids. Get medical attention immediately.
2. Skin exposure: Direct contact may result in irritation. Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water. Get medical attention immediately.
3. Ingestion: Ingestion may result in vomiting, abdominal pain, nausea, diarrhea, headache and sore throat. Treatment for symptoms must be administered by medical personnel. Under no circumstances should the employer allow any person whom he retains, employs, supervises or controls to engage in therapeutic chelation. Such treatment is likely to translocate cadmium from pulmonary or other tissue to renal tissue. Get medical attention immediately.
4. Inhalation: If large amounts of cadmium are inhaled, the exposed person must be moved to fresh air at once. If breathing has stopped, perform cardiopulmonary resuscitation. Administer oxygen if available. Keep the affected person warm and at rest. Get medical attention immediately.
5. Rescue: Move the affected person from the hazardous exposure. If the exposed person has been overcome, attempt rescue only after notifying at least one other person of the emergency and

putting into effect established emergency procedures. Do not become a casualty yourself. Understand your emergency rescue procedures and know the location of the emergency equipment before the need arises.

III. EMPLOYEE INFORMATION

A. Protective Clothing and Equipment

1. Respirators: You may be required to wear a respirator for non-routine activities; in emergencies; while your employer is in the process of reducing cadmium exposures through engineering controls; and where engineering controls are not feasible. If respirators are worn in the future, they must have a joint Mine Safety and Health Administration (MSHA) and National Institute for Occupational Safety and Health (NIOSH) label of approval. Cadmium does not have a detectable odor except at levels well above the permissible exposure limits. If you can smell cadmium while wearing a respirator, proceed immediately to fresh air. If you experience difficulty breathing while wearing a respirator, tell your employer.

2. Protective Clothing: You may be required to wear impermeable clothing, gloves, foot gear, a face shield, or other appropriate protective clothing to prevent skin contact with cadmium. Where protective clothing is required, your employer must provide clean garments to you as necessary to assure that the clothing protects you adequately. The employer must replace or repair protective clothing that has become torn or otherwise damaged.

3. Eye Protection: You may be required to wear splash-proof or dust resistant goggles to prevent eye contact with cadmium.

B. Employer Requirements

1. Medical: If you are exposed to cadmium at or above the action level, your employer is required to provide a medical examination, laboratory tests and a medical history according to the medical surveillance provisions under paragraph (l) of this standard. (See summary chart and tables in this Appendix A.) These tests shall be provided without cost to you. In addition, if you are accidentally exposed to cadmium under conditions known or suspected to constitute toxic exposure to cadmium, your employer is required to make special tests available to you.

2. Access to Records: All medical records are kept strictly confidential. You or your representative are entitled to see the records of measurements of your exposure to cadmium. Your medical examination records can be furnished to your personal physician or designated representative upon request by you to your employer.

3. Observation of Monitoring: Your employer is required to perform measurements that are representative of your exposure to cadmium and you or your designated representative are entitled to observe the monitoring procedure. You are entitled to observe the steps taken in the measurement procedure, and to record the results obtained. When the monitoring procedure is taking place in an area where respirators or personal protective clothing and equipment are required to be worn, you or your representative must also be provided with, and must wear the protective clothing and equipment.

C. Employee Requirements

You will not be able to smoke, eat, drink, chew gum or tobacco, or apply cosmetics while working with cadmium in regulated areas. You will also not be able to carry or store tobacco products, gum, food, drinks or cosmetics in regulated areas because these products easily become contaminated with cadmium from the workplace and can therefore create another source unnecessary of cadmium exposure.

Some workers will have to change out of work clothes and shower at the end of the day, as part of their workday, in order to wash cadmium from skin and hair. Handwashing and cadmium-free eating facilities shall be provided by the employer and proper hygiene should always be performed before eating. It is also recommended that you do not smoke or use tobacco products, because among other things, they naturally contain cadmium. For further information, read the labeling on such products.

IV. PHYSICIAN INFORMATION

A. Introduction

The medical surveillance provisions of paragraph (l) generally are aimed at accomplishing three main interrelated purposes: first, identifying employees at higher risk of adverse health effects from excess, chronic exposure to cadmium; second, preventing cadmium-induced disease; and third, detecting and minimizing existing cadmium-induced disease. The core of medical surveillance in this standard is the early and periodic monitoring of the employee's biological indicators of: a) recent exposure to cadmium; b) cadmium body burden; and c) potential and actual kidney damage associated with exposure to cadmium.

The main adverse health effects associated with cadmium overexposure are lung cancer and kidney dysfunction. It is not yet known how to adequately biologically monitor human beings to specifically prevent cadmium-induced lung cancer. By contrast, the kidney can be monitored to provide prevention and early detection of cadmium-induced kidney damage. Since, for non-carcinogenic effects, the kidney is considered the primary target organ of chronic exposure to cadmium, the medical surveillance provisions of this standard effectively focus on cadmium-induced kidney disease. Within that focus, the aim, where possible, is to prevent the onset of such disease and, where necessary, to minimize such disease as may already exist. The by-products of successful prevention of kidney disease are anticipated to be the reduction and prevention of other cadmium-induced diseases.

B. Health Effects

The major health effects associated with cadmium overexposure are described below.

1. Kidney

The most prevalent non-malignant disease observed among workers chronically exposed to cadmium is kidney dysfunction. Initially, such dysfunction is manifested as proteinuria. The proteinuria associated with cadmium exposure is most commonly characterized by excretion of low-molecular weight proteins (15,000 to 40,000 MW) accompanied by loss of electrolytes, uric acid, calcium, amino acids, and phosphate. The compounds commonly excreted include: beta-2-microglobulin ($ß_2$-M), retinol binding protein (RBP), immunoglobulin light chains, and lysozyme. Excretion of low molecular weight proteins are characteristic of damage to the proximal tubules of the kidney (Iwao et al., 1980).

It has also been observed that exposure to cadmium may lead to urinary excretion of high-molecular weight proteins such as albumin, immunoglobulin G, and glycoproteins (Ex. 29). Excretion of high-molecular weight proteins is typically indicative of damage to the glomeruli of the kidney. Bernard et al., (1979) suggest that damage to the glomeruli and damage to the proximal tubules of the kidney may both be linked to cadmium exposure but they may occur independently of each other.

Several studies indicate that the onset of low-molecular weight proteinuria is a sign of irreversible kidney damage (Friberg et al., 1974; Roels et al., 1982; Piscator 1984; Elinder et al., 1985; Smith et al., 1986). Above specific levels of $ß_2$-M associated with cadmium exposure it is unlikely that $ß_2$-M levels return to normal even when cadmium exposure is eliminated by removal of the individual from the cadmium work environment (Friberg, Ex. 29, 1990).

Some studies indicate that such proteinuria may be progressive; levels of $ß_2$-M observed in the urine increase with time even after cadmium exposure has ceased. See, for example, Elinder et al., 1985. Such observations, however, are not universal, and it has been suggested that studies in which proteinuria has not been observed to progress may not have tracked patients for a sufficiently long time interval (Jarup, Ex. 8-661).

When cadmium exposure continues after the onset of proteinuria, chronic nephrotoxicity may occur (Friberg, Ex. 29). Uremia results from the inability of the glomerulus to adequately filter blood. This leads to severe disturbance of electrolyte concentrations and may lead to various clinical complications including kidney stones (L-140-50).

After prolonged exposure to cadmium, glomerular proteinuria, glucosuria, aminoaciduria, phosphaturia, and hypercalciuria may develop (Exs. 8-86, 4-28, 14-18). Phosphate, calcium, glucose, and amino acids are essential to life, and under normal conditions, their excretion should be regulated by the kidney. Once low molecular weight proteinuria has developed, these elements dissipate from the human body. Loss of glomerular function may also occur, manifested by decreased glomerular filtration rate and increased serum creatinine. Severe cadmium- induced renal damage may eventually develop into chronic renal failure and uremia (Ex. 55).

Studies in which animals are chronically exposed to cadmium confirm the renal effects observed in humans (Friberg et al., 1986). Animal studies also confirm problems with calcium metabolism and related skeletal effects which have been observed among humans exposed to cadmium in addition to the renal effects. Other effects commonly reported in chronic animal studies include anemia, changes in liver morphology, immunosuppression and hypertension. Some of these effects may be associated with co- factors. Hypertension, for example, appears to be associated with diet as well as cadmium exposure. Animals injected with cadmium have also shown testicular necrosis (Ex. 8-86B).

2. Biological Markers

It is universally recognized that the best measures of cadmium exposures and its effects are measurements of cadmium in biological fluids, especially urine and blood. Of the two, CdU is conventionally used to determine body burden of cadmium in workers without kidney disease. CdB is conventionally used to monitor for recent exposure to cadmium. In addition, levels of CdU and CdB historically have been used to predict the percent of the population likely to develop kidney disease (Thun et al., Ex. L-140-50; WHO, Ex. 8-674; ACGIH, Exs. 8-667, 140-50).

The third biological parameter upon which OSHA relies for medical surveillance is Beta-2-microglobulin in urine ($ß_2$-M), a low molecular weight protein. Excess $ß_2$-M has been widely accepted by physicians and scientists as a reliable indicator of functional damage to the proximal tubule of the kidney (Exs. 8- 447, 144-3-C, 4-47, L-140-45, 19-43-A).

Excess $ß_2$-M is found when the proximal tubules can no longer reabsorb this protein in a normal manner. This failure of the proximal tubules is an early stage of a kind of kidney disease that commonly occurs among workers with excessive cadmium exposure. Used in conjunction with biological test results indicating abnormal levels of CdU and CdB, the finding of excess $ß_2$-M can establish for an examining physician that any existing kidney disease is probably cadmium-related (Trs. 6/6/90, pp. 82- 86, 122, 134). The upper limits of normal levels for cadmium in urine and cadmium in blood are 3 µg Cd/gram creatinine in urine and 5 µg Cd/liter whole blood, respectively. These levels were derived from broad-based population studies.

Three issues confront the physicians in the use of $ß_2$-M as a marker of kidney dysfunction and material impairment. First, there are a few other causes of elevated levels of $ß_2$-M not related to cadmium exposures, some of which may be rather common diseases and some of which are serious diseases (e.g., myeloma or transient flu, Exs. 29 and 8-086). These can be medically evaluated as alternative causes (Friberg, Ex. 29). Also, there are other factors that can cause $ß_2$-M to degrade so that low levels would result in workers with tubular dysfunction. For example, regarding the degradation of $ß_2$-M, workers with acidic urine ($pH < 6$) might have $ß_2$-M levels that are within the "normal" range when in fact kidney dysfunction has occurred (Ex. L-140-1) and the low molecular weight proteins are degraded in acid urine. Thus, it is very important that the pH of urine be measured, that urine samples be buffered as necessary (See Appendix F.), and that urine samples be handled correctly, i.e., measure the pH of freshly voided urine samples, then if necessary, buffer to pH > 6 (or above for shipping purposes), measure pH again and then, perhaps, freeze the sample for storage and shipping. (See also Appendix F.) Second, there is debate over the pathological significance of proteinuria, however, most world experts believe that ß$_2$-M levels greater than 300 µg/g Cr are abnormal (Elinder, Ex. 55, Friberg, Ex. 29). Such levels signify kidney dysfunction that constitutes material impairment of health. Finally, detection of ß$_2$-M at low levels has often been considered difficult, however, many laboratories have the capability of detecting excess ß$_2$-M using simple kits, such as the Phadebas Delphia test, that are accurate to levels of 100 µg ß$_2$-M/g Cr U (Ex. L-140-1).

Specific recommendations for ways to measure ß$_2$-M and proper handling of urine samples to prevent degradation of ß$_2$-M have been addressed by OSHA in Appendix F, in the section on laboratory standardization. All biological samples must be analyzed in a laboratory that is proficient in the analysis of that particular analyte, under paragraph (l)(1)(iv). [See Appendix F]. Specifically, under paragraph (l)(1)(iv), the employer is to assure that the collecting and handling of biological samples of cadmium in urine (CdU), cadmium in blood (CdB), and beta-2 microglobulin in urine (ß$_2$-M) taken from employees is collected in a manner that assures reliability. The employer must also assure that analysis of biological samples of cadmium in urine (CdU), cadmium in blood (CdB), and beta-2 microglobulin in urine (ß$_2$-M) taken from employees is performed in laboratories with demonstrated proficiency for that particular analyte. (See Appendix F.)

3. Lung and Prostrate Cancer

The primary sites for cadmium-associated cancer appear to be the lung and the prostate (L-140-50). Evidence for an association between cancer and cadmium exposure derives from both epidemiological studies and animal experiments. Mortality from prostrate cancer associated with cadmium is slightly elevated in several industrial cohorts, but the number of cases is small and there is not clear dose-response relationship. More substantive evidence exists for lung cancer.

The major epidemiological study of lung cancer was conducted by Thun et al., (Ex. 4-68). Adequate data on cadmium exposures were available to allow evaluation of dose-response relationships between cadmium exposure and lung cancer. A statistically significant excess of lung cancer attributed to cadmium exposure was observed in this study even when confounding variables such as co-exposure to arsenic and smoking habits were taken into consideration (Ex. L-140-50).

The primary evidence for quantifying a link between lung cancer and cadmium exposure from animal studies derives from two rat bioassay studies; one by Takenaka et al., (1983), which is a study of cadmium chloride and a second study by Oldiges and Glaser (1990) of four cadmium compounds.

Based on the above cited studies, the U.S. Environmental Protection Agency (EPA) classified cadmium as "B1", a probable human carcinogen, in 1985 (Ex. 4-4). The International Agency for Research on Cancer (IARC) in 1987 also recommended that cadmium be listed as "2A", a probable human carcinogen (Ex. 4- 15). The American Conference of Governmental Industrial Hygienists (ACGIH) has recently recommended that cadmium be labeled as a carcinogen. Since 1984, NIOSH has concluded that cadmium is possibly a human carcinogen and has recommended that exposures be controlled to the lowest level feasible.

4. Non-carcinogenic Effects

Acute pneumonitis occurs 10 to 24 hours after initial acute inhalation of high levels of cadmium fumes with symptoms such as fever and chest pain (Exs. 30, 8-86B). In extreme exposure cases pulmonary edema may develop and cause death several days after exposure. Little actual exposure measurement data is available on the level of airborne cadmium exposure that causes such immediate adverse lung effects, nonetheless, it is reasonable to believe a cadmium concentration of approximately 1 mg/m3 over an eight hour period is "immediately dangerous" (55 FR 4052, ANSI; Ex. 8-86B).

In addition to acute lung effects and chronic renal effects, long term exposure to cadmium may cause other severe effects on the respiratory system. Reduced pulmonary function and chronic lung disease indicative of emphysema have been observed in workers who have had prolonged exposure to cadmium dust or fumes (Exs. 4-29, 4-22, 4-42, 4-50, 4-63). In a study of workers conducted by Kazantzis et al., a statistically significant excess of worker deaths due to chronic bronchitis was found, which in his opinion was directly related to high cadmium exposures of 1 mg/m3 or more (Tr. 6/8/90, pp. 156-157).

Cadmium need not be respirable to constitute a hazard. Inspirable cadmium particles that are too large to be respirable but small enough to enter the tracheobronchial region of the lung can lead to bronchoconstriction, chronic pulmonary disease, and cancer of that portion of the lung. All of these diseases have been associated with occupational exposure to cadmium (Ex. 8- 86B). Particles that are constrained by their size to the extra-thoracic regions of the respiratory system such as the nose and maxillary sinuses can be swallowed through mucocillary clearance and be absorbed into the body (ACGIH, Ex. 8-692). The impaction of these particles in the upper airways can lead to anosmia, or loss of sense of smell, which is an early indication of overexposure among workers exposed to heavy metals. This condition is commonly reported among cadmium-exposed workers (Ex. 8-86-B).

APPENDIX F

I. SUBSTANCE IDENTIFICATION INORGANIC LEAD

A Substance: Pure lead (Pb) is a heavy metal at room temperature and pressure and is a basic chemical element. It can combine with various other substances to form numerous lead compounds.

B Compounds covered by the standard: The word "lead" when used in this standard means elemental lead, all inorganic lead compounds and a class of organic lead compounds called lead soaps. This standard does not apply to other organic lead compounds.

C Uses: Exposure to lead occurs in several different occupations in the construction industry, including demolition or salvage of structures where lead or lead-containing materials are present; removal or encapsulation of lead-containing materials, new construction, alteration, repair, or renovation of structures that contain lead or materials containing lead; installation of products containing lead. In addition, there are construction related activities where exposure to lead may occur, including transportation, disposal, storage, or containment of lead or materials containing lead on construction sites, and maintenance operations associated with construction activities.

D Permissible exposure: The permissible exposure limit (PEL) set by the standard is 50 micrograms of lead per cubic meter of air (50 µg/m3) averaged over an 8-hour workday.

E Action level: The standard establishes an action level of 30 micrograms of lead per cubic meter of air (30 µg/m3) averaged over an 8-hour workday. The action level triggers several ancillary provisions of the standard such as exposure monitoring, medical surveillance, and training.

II. HEALTH HAZARD DATA

A Ways in which lead enters your body. When absorbed into your body in certain doses, lead is a toxic substance. The object of the lead standard is to prevent absorption of harmful quantities of lead. The standard is intended to protect you not only from the immediate toxic effects of lead, but also from the serious toxic effects that may not become apparent until years of exposure have passed. Lead can be absorbed into your body by inhalation (breathing) and ingestion (eating). Lead (except for certain organic lead compounds not covered by the standard, such as tetraethyl lead) is not absorbed through your skin. When lead is scattered in the air as a dust, fume or mist it can be inhaled and absorbed through your lungs and upper respiratory tract. Inhalation of airborne lead is generally the most important source of occupational lead absorption. You can also absorb lead through your digestive system if lead gets into your mouth and is swallowed. If you handle food, cigarettes, chewing tobacco, or make-up which have lead on them or handle them with hands contaminated with lead, this will contribute to ingestion. A significant portion of the lead that you inhale or ingest gets into your blood stream. Once in your blood stream, lead is circulated throughout your body and stored in various organs and body tissues. Some of this lead is quickly filtered out of your body and excreted, but some remains in the blood and other tissues. As exposure to lead continues, the amount stored in your body will increase if you are absorbing more lead than your body is excreting. Even though you may not be aware of any immediate symptoms of disease, this lead stored in your tissues can be slowly causing irreversible damage, first to individual cells, then to your organs and whole body systems.

B Effects of overexposure to lead.

1. Short term (acute) overexposure. Lead is a potent, systemic poison that serves no known useful function once absorbed by your body. Taken in large enough doses, lead can kill you in a matter of days. A condition affecting the brain called acute encephalopathy may arise which develops quickly to seizures, coma, and death from cardiorespiratory arrest. A short term dose of lead can lead to acute encephalopathy. Short term occupational exposures of this magnitude are highly unusual, but not impossible. Similar forms of encephalopathy may, however, arise from extended, chronic exposure to lower doses of lead. There is no sharp dividing line between rapidly developing acute effects of lead, and chronic effects which take longer to acquire. Lead adversely affects numerous body systems, and causes forms of health impairment and disease which arise after periods of exposure as short as days or as long as several years.

2. Long-term (chronic) overexposure. Chronic overexposure to lead may result in severe damage to your blood-forming, nervous, urinary and reproductive systems. Some common symptoms of chronic overexposure include loss of appetite, metallic taste in the mouth, anxiety, constipation, nausea, pallor, excessive tiredness, weakness, insomnia, headache, nervous irritability, muscle and joint pain or soreness, fine tremors, numbness, dizziness, hyperactivity and colic. In lead colic there may be severe abdominal pain. Damage to the central nervous system in general and the brain (encephalopathy) in particular is one of the most severe forms of lead poisoning. The most severe, often fatal, form of encephalopathy may be preceded by vomiting, a feeling of dullness progressing to drowsiness and stupor, poor memory, restlessness, irritability, tremor, and convulsions. It may arise suddenly with the onset of seizures, followed by coma, and death. There is a tendency for muscular weakness to develop at the same time. This weakness may progress to paralysis often observed as a characteristic "wrist drop" or "foot drop" and is a manifestation of a disease to the nervous system called peripheral neuropathy. Chronic overexposure to lead also results in kidney disease with few, if any, symptoms appearing until extensive and most likely permanent kidney damage has occurred. Routine laboratory tests reveal the presence of this kidney disease only after about two-thirds of kidney function is lost. When overt symptoms of urinary dysfunction arise, it is often too late to correct or prevent worsening conditions, and progression to kidney dialysis or death is possible. Chronic overexposure to lead impairs the reproductive systems of both men and women. Overexposure to lead may result in decreased sex drive, impotence and sterility in men. Lead can alter the structure of sperm cells raising the risk of birth defects. There is evidence of miscarriage and stillbirth in women whose husbands were exposed to lead or who were exposed to lead themselves. Lead exposure also may result in decreased fertility, and abnormal menstrual cycles in women. The course of pregnancy may be adversely affected by exposure to lead since lead crosses the placental barrier and poses risks to developing fetuses. Children born of parents either one of whom were exposed to excess lead levels are more likely to have birth defects, mental retardation, behavioral disorders or die during the first year of childhood. Overexposure to lead also disrupts the blood-forming system resulting in decreased hemoglobin (the substance in the blood that carries oxygen to the cells) and ultimately anemia. Anemia is characterized by weakness, pallor and fatigability as a result of decreased oxygen carrying capacity in the blood.

3. Exposure to lead throughout a working lifetime requires that a worker's blood lead level (BLL, also expressed as PbB) be maintained at or below forty micrograms per deciliter of whole blood (40 µg/dl). The blood lead levels of workers (both male and female workers) who intend to have children should be maintained below 30 µg/dl to minimize adverse reproductive health effects to the parents and to the developing fetus. The measurement of your blood lead level (BLL) is the most useful indicator of the amount of lead being absorbed by your body. Blood lead levels are most often reported in units of milligrams (mg) or micrograms (ug) of lead (1 mg=1000 mg) per 100 grams (100g), 100 milliliters (100 ml) or deciliter (dl) of blood. These three units are essentially the same. Sometime BLLs are expressed in the form of mg% or mg%. This is a shorthand notation for 100g, 100 ml, or dl. (Reference to BLL measurements in this standard are expressed in the form of µg/dl.)

   BLL measurements show the amount of lead circulating in your blood stream, but do not give any information about the amount of lead stored in your various tissues. BLL measurements merely show current absorption of lead, not the effect that lead is having on your body or the effects that past lead exposure may have already caused. Past research into lead-related diseases, however, has focused heavily on associations between BLLs and various diseases. As a result, your BLL is an important indicator of the likelihood that you will gradually acquire a lead-related health impairment or disease.

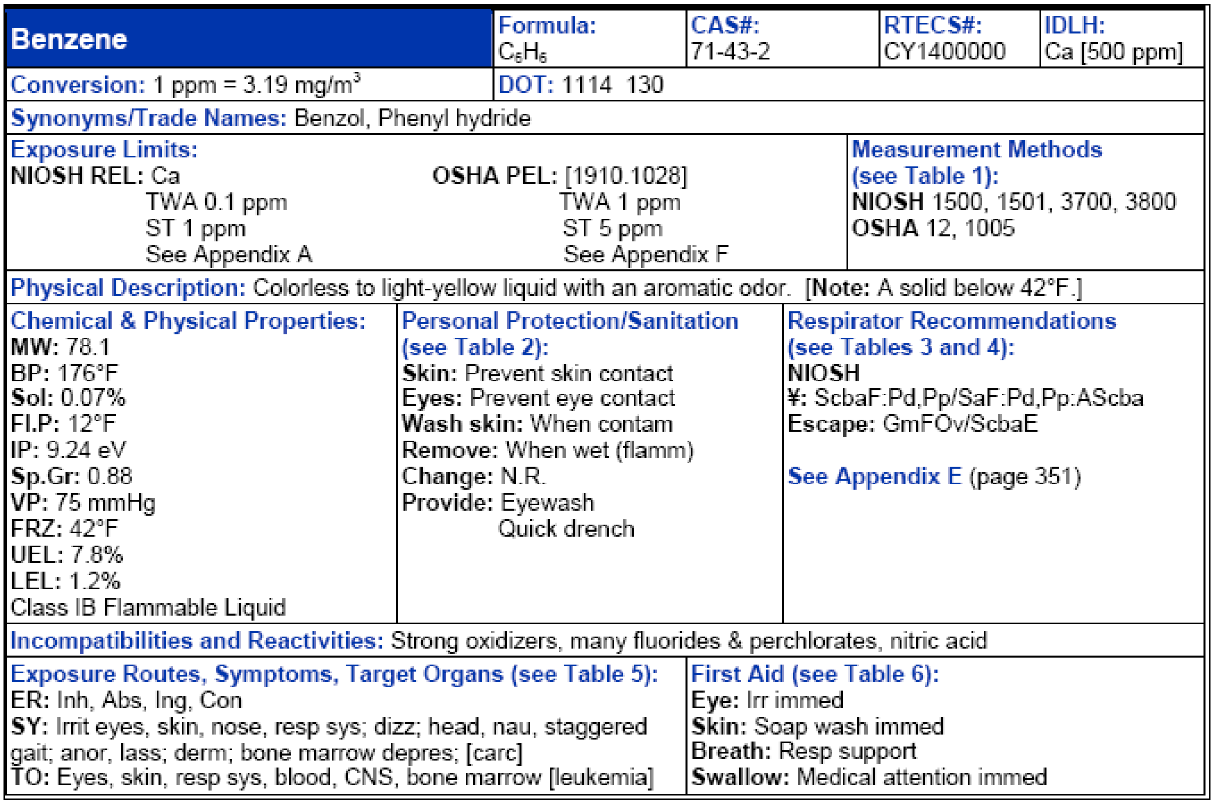
   Once your blood lead level climbs about 40 µg/dl, your risk of disease increases. There is a wide variability of individual response to lead, thus it is difficult to say that a particular BLL in a given person will cause a particular effect. Studies have associated fatal encephalopathy with BLLs as low as 150 µg/dl. Other studies have shown other forms of diseases in some workers with BLLs well below 80 µg/dl. Your BLL is a crucial indicator of the risks to your health, but one other factor is also extremely important. This factor is the length of time you have had elevated BLLs. The longer you have an elevated BLL, the greater the risk that large quantities of lead are being gradually stored in your organs and tissues (body burden). The greater your overall body burden, the greater the chances of substantial permanent damage. The best way to prevent all forms of lead-related impairments and diseases -- both short term and long term -- is to maintain your BLL below 40 µg/dl. The provisions of the standard are designed with this end in mind.

Your employer has prime responsibility to assure that the provisions of the standard are complied with both by the company and by individual workers. You, as a worker, however, also have a responsibility to assist your employer in complying with the standard. You can play a key role in protecting your own health by learning about the lead hazards and their control, learning what the standard requires, following the standard where it governs your own actions, and seeing that your employer complies with provisions governing his or her actions.

4. Reporting signs and symptoms of health problems. You should immediately notify your employer if you develop signs or symptoms associated with lead poisoning or if you desire medical advice concerning the effects of current or past exposure to lead or your ability to have a healthy child. You should also notify your employer if you have difficulty breathing during a respirator fit test or while wearing a respirator. In each of these cases, your employer must make available to you appropriate medical examinations or consultations. These must be provided at no cost to you and at a reasonable time and place. The standard contains a procedure whereby you can obtain a second opinion by a physician of your choice if your employer selected the initial physician.

APPENDIX

APPENDIX G



Benzene	**Formula:** C_6H_6	**CAS#:** 71-43-2	**RTECS#:** CY1400000	**IDLH:** Ca [500 ppm]

Conversion: 1 ppm = 3.19 mg/m^3 **DOT:** 1114 130

Synonyms/Trade Names: Benzol, Phenyl hydride

Exposure Limits:
NIOSH REL: Ca
TWA 0.1 ppm
ST 1 ppm
See Appendix A
OSHA PEL: [1910.1028]
TWA 1 ppm
ST 5 ppm
See Appendix F

Measurement Methods (see Table 1):
NIOSH 1500, 1501, 3700, 3800
OSHA 12, 1005

Physical Description: Colorless to light-yellow liquid with an aromatic odor. [**Note:** A solid below 42°F.]

Chemical & Physical Properties:
MW: 78.1
BP: 176°F
Sol: 0.07%
Fl.P: 12°F
IP: 9.24 eV
Sp.Gr: 0.88
VP: 75 mmHg
FRZ: 42°F
UEL: 7.8%
LEL: 1.2%
Class IB Flammable Liquid

Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet (flamm)
Change: N.R.
Provide: Eyewash
Quick drench

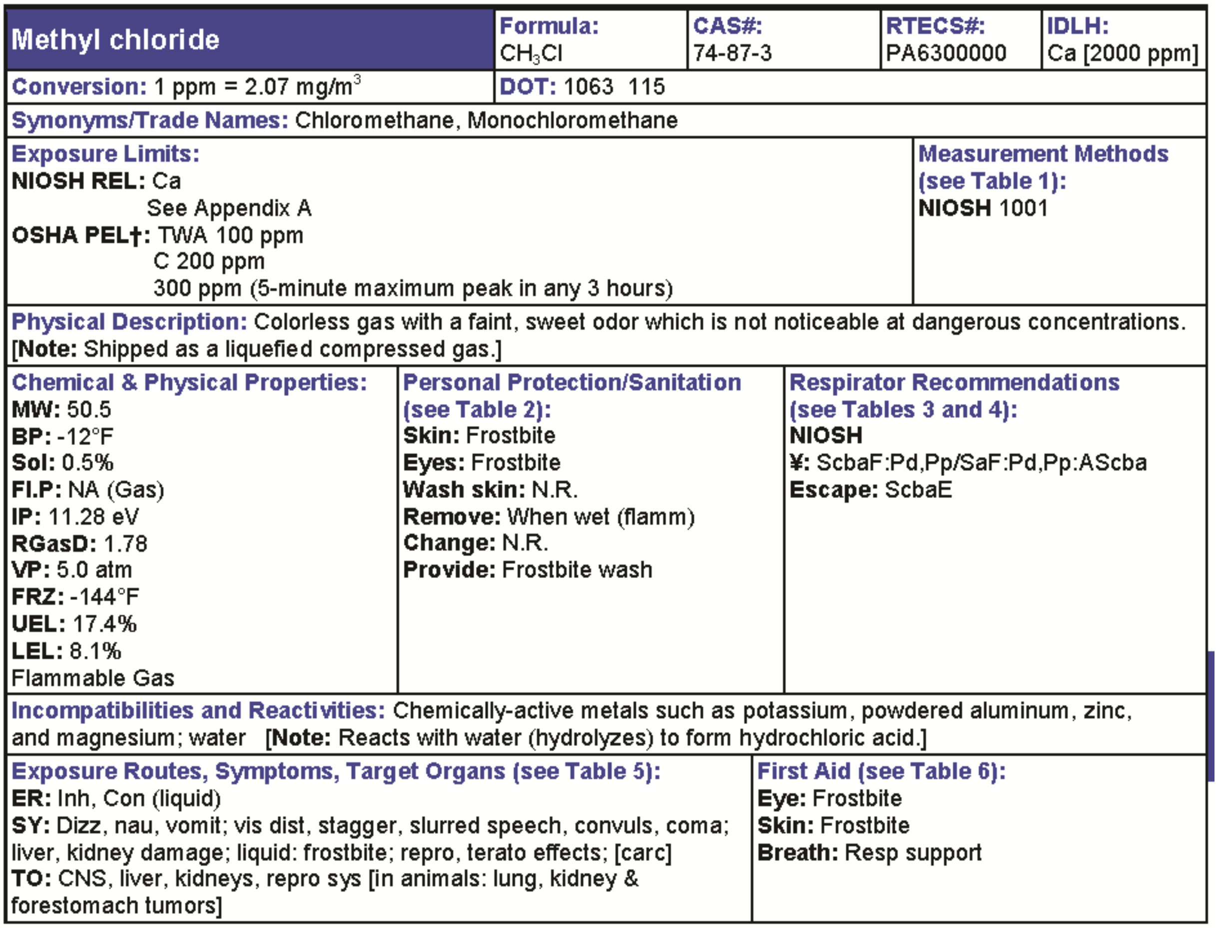
Respirator Recommendations (see Tables 3 and 4):
NIOSH
¥: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFOv/ScbaE

See Appendix E (page 351)

Incompatibilities and Reactivities: Strong oxidizers, many fluorides & perchlorates, nitric acid

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Abs, Ing, Con
SY: Irrit eyes, skin, nose, resp sys; dizz; head, nau, staggered gait; anor, lass; derm; bone marrow depres; [carc]
TO: Eyes, skin, resp sys, blood, CNS, bone marrow [leukemia]

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash immed
Breath: Resp support
Swallow: Medical attention immed



Methyl chloride	**Formula:** CH_3Cl	**CAS#:** 74-87-3	**RTECS#:** PA6300000	**IDLH:** Ca [2000 ppm]

Conversion: 1 ppm = 2.07 mg/m^3 **DOT:** 1063 115

Synonyms/Trade Names: Chloromethane, Monochloromethane

Exposure Limits:
NIOSH REL: Ca
See Appendix A
OSHA PEL†: TWA 100 ppm
C 200 ppm
300 ppm (5-minute maximum peak in any 3 hours)

Measurement Methods (see Table 1):
NIOSH 1001

Physical Description: Colorless gas with a faint, sweet odor which is not noticeable at dangerous concentrations. [**Note:** Shipped as a liquefied compressed gas.]

Chemical & Physical Properties:
MW: 50.5
BP: -12°F
Sol: 0.5%
Fl.P: NA (Gas)
IP: 11.28 eV
RGasD: 1.78
VP: 5.0 atm
FRZ: -144°F
UEL: 17.4%
LEL: 8.1%
Flammable Gas

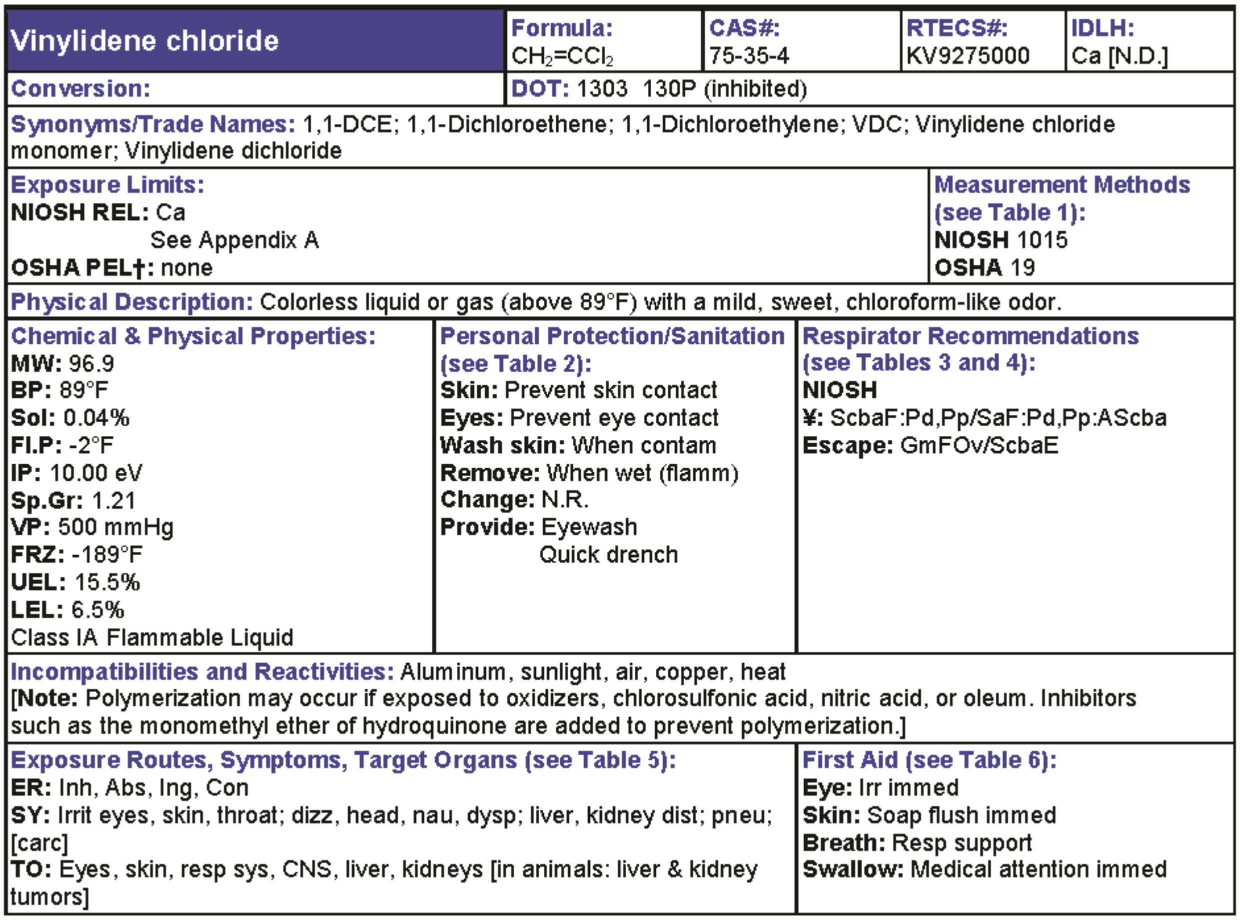
Personal Protection/Sanitation (see Table 2):
Skin: Frostbite
Eyes: Frostbite
Wash skin: N.R.
Remove: When wet (flamm)
Change: N.R.
Provide: Frostbite wash

Respirator Recommendations (see Tables 3 and 4):
NIOSH
¥: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: ScbaE

Incompatibilities and Reactivities: Chemically-active metals such as potassium, powdered aluminum, zinc, and magnesium; water [**Note:** Reacts with water (hydrolyzes) to form hydrochloric acid.]

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Con (liquid)
SY: Dizz, nau, vomit; vis dist, stagger, slurred speech, convuls, coma; liver, kidney damage; liquid: frostbite; repro, terato effects; [carc]
TO: CNS, liver, kidneys, repro sys [in animals: lung, kidney & forestomach tumors]

First Aid (see Table 6):
Eye: Frostbite
Skin: Frostbite
Breath: Resp support



Vinylidene chloride

Formula: $CH_2=CCl_2$

CAS#: 75-35-4

RTECS#: KV9275000

IDLH: Ca [N.D.]

Conversion:

DOT: 1303 130P (inhibited)

Synonyms/Trade Names: 1,1-DCE; 1,1-Dichloroethene; 1,1-Dichloroethylene; VDC; Vinylidene chloride monomer; Vinylidene dichloride

Exposure Limits:
NIOSH REL: Ca
See Appendix A
OSHA PEL†: none

Measurement Methods (see Table 1):
NIOSH 1015
OSHA 19

Physical Description: Colorless liquid or gas (above 89°F) with a mild, sweet, chloroform-like odor.

Chemical & Physical Properties:
MW: 96.9
BP: 89°F
Sol: 0.04%
Fl.P: -2°F
IP: 10.00 eV
Sp.Gr: 1.21
VP: 500 mmHg
FRZ: -189°F
UEL: 15.5%
LEL: 6.5%
Class IA Flammable Liquid

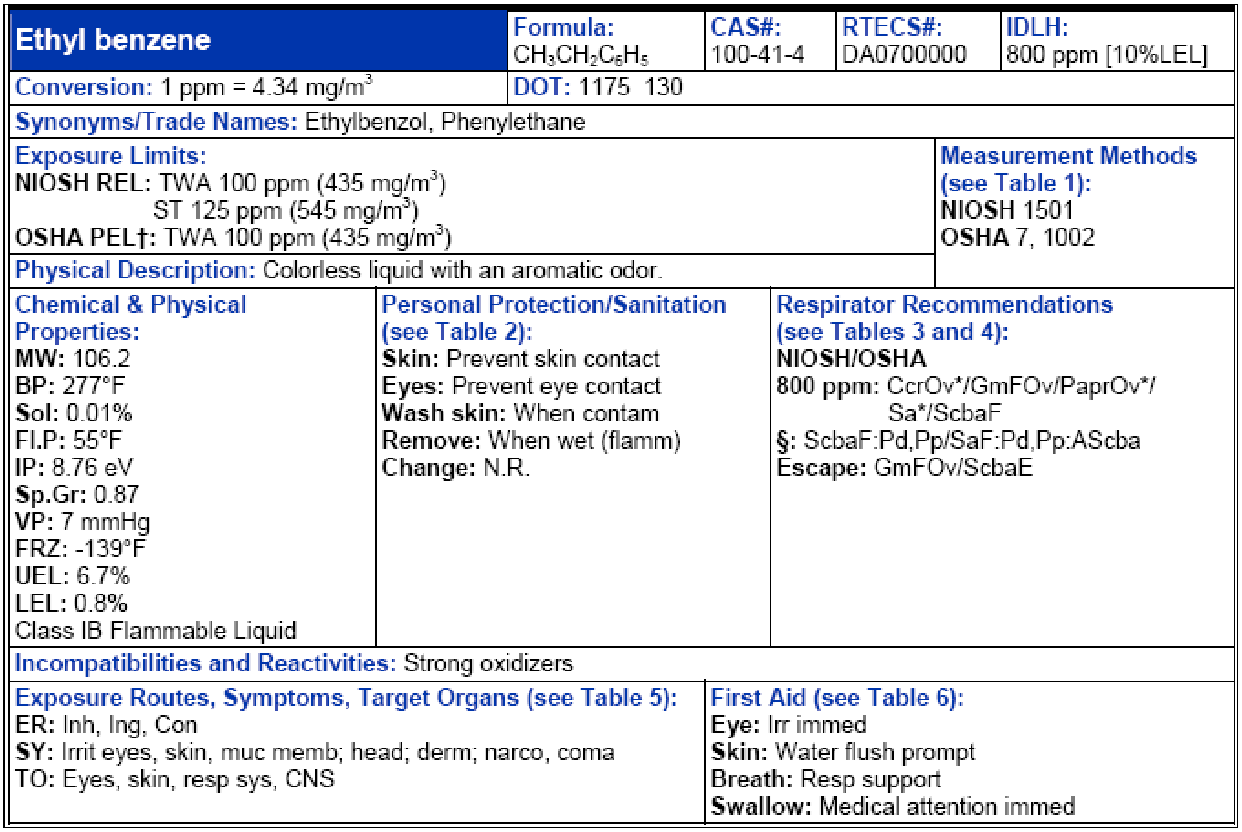
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet (flamm)
Change: N.R.
Provide: Eyewash
Quick drench

Respirator Recommendations (see Tables 3 and 4):
NIOSH
¥: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFOv/ScbaE

Incompatibilities and Reactivities: Aluminum, sunlight, air, copper, heat
[**Note:** Polymerization may occur if exposed to oxidizers, chlorosulfonic acid, nitric acid, or oleum. Inhibitors such as the monomethyl ether of hydroquinone are added to prevent polymerization.]

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Abs, Ing, Con
SY: Irrit eyes, skin, throat; dizz, head, nau, dysp; liver, kidney dist; pneu; [carc]
TO: Eyes, skin, resp sys, CNS, liver, kidneys [in animals: liver & kidney tumors]

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap flush immed
Breath: Resp support
Swallow: Medical attention immed



Ethyl benzene

Formula: $CH_3CH_2C_6H_5$

CAS#: 100-41-4

RTECS#: DA0700000

IDLH: 800 ppm [10%LEL]

Conversion: 1 ppm = 4.34 mg/m^3

DOT: 1175 130

Synonyms/Trade Names: Ethylbenzol, Phenylethane

Exposure Limits:
NIOSH REL: TWA 100 ppm (435 mg/m^3)
ST 125 ppm (545 mg/m^3)
OSHA PEL†: TWA 100 ppm (435 mg/m^3)

Measurement Methods (see Table 1):
NIOSH 1501
OSHA 7, 1002

Physical Description: Colorless liquid with an aromatic odor.

Chemical & Physical Properties:
MW: 106.2
BP: 277°F
Sol: 0.01%
Fl.P: 55°F
IP: 8.76 eV
Sp.Gr: 0.87
VP: 7 mmHg
FRZ: -139°F
UEL: 6.7%
LEL: 0.8%
Class IB Flammable Liquid

Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet (flamm)
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
800 ppm: CcrOv*/GmFOv/PaprOv*/
Sa*/ScbaF
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFOv/ScbaE

Incompatibilities and Reactivities: Strong oxidizers

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Irrit eyes, skin, muc memb; head; derm; narco, coma
TO: Eyes, skin, resp sys, CNS

First Aid (see Table 6):
Eye: Irr immed
Skin: Water flush prompt
Breath: Resp support
Swallow: Medical attention immed

Dichlorodifluoromethane

Formula:	CAS#:	RTECS#:	IDLH:
CCl_2F_2	75-71-8	PA8200000	15,000 ppm

Conversion: 1 ppm = 4.95 mg/m^3

DOT: 1028 126

Synonyms/Trade Names: Difluorodichloromethane, Fluorocarbon 12, Freon® 12, Genetron® 12, Halon® 122, Propellant 12, Refrigerant 12

Exposure Limits:
NIOSH REL: TWA 1000 ppm (4950 mg/m^3)
OSHA PEL: TWA 1000 ppm (4950 mg/m^3)

Measurement Methods (see Table 1):
NIOSH 1018

Physical Description: Colorless gas with an ether-like odor at extremely high concentrations. [**Note:** Shipped as a liquefied compressed gas.]

Chemical & Physical Properties:
MW: 120.9
BP: -22°F
Sol(77°F): 0.03%
Fl.P: NA
IP: 11.75 eV
RGasD: 4.2
VP: 5.7 atm
FRZ: -252°F
UEL: NA
LEL: NA
Nonflammable Gas

Personal Protection/Sanitation (see Table 2):
Skin: Frostbite
Eyes: Frostbite
Wash skin: N.R.
Remove: N.R.
Change: N.R.
Provide: Frostbite wash

Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
10,000 ppm: Sa
15,000 ppm: Sa:Cf/ScbaF/SaF
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFOv/ScbaE

Incompatibilities and Reactivities: Chemically-active metals such as sodium, potassium, calcium, powdered aluminum, zinc & magnesium

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Con (liquid)
SY: Dizz, tremor, asphy, uncon, card arrhy, card arrest; liquid: frostbite
TO: CVS, PNS

First Aid (see Table 6):
Eye: Frostbite
Skin: Frostbite
Breath: Resp support

Fluorotrichloromethane

Formula:	CAS#:	RTECS#:	IDLH:
CCl_3F	75-69-4	PB6125000	2000 ppm

Conversion: 1 ppm = 5.62 mg/m^3

DOT:

Synonyms/Trade Names: Freon® 11, Monofluorotrichloromethane, Refrigerant 11, Trichlorofluoromethane, Trichloromonofluoromethane

Exposure Limits:
NIOSH REL: C 1000 ppm (5600 mg/m^3)
OSHA PEL†: TWA 1000 ppm (5600 mg/m^3)

Measurement Methods (see Table 1):
NIOSH 1006

Physical Description: Colorless to water-white, nearly odorless liquid or gas (above 75°F).

Chemical & Physical Properties:
MW: 137.4
BP: 75°F
Sol(75°F): 0.1%
Fl.P: NA
IP: 11.77 eV
RGasD: 4.74
Sp.Gr: 1.47 (Liquid at 75°F)
VP: 690 mmHg
FRZ: -168°F
UEL: NA
LEL: NA
Noncombustible Liquid
Nonflammable Gas

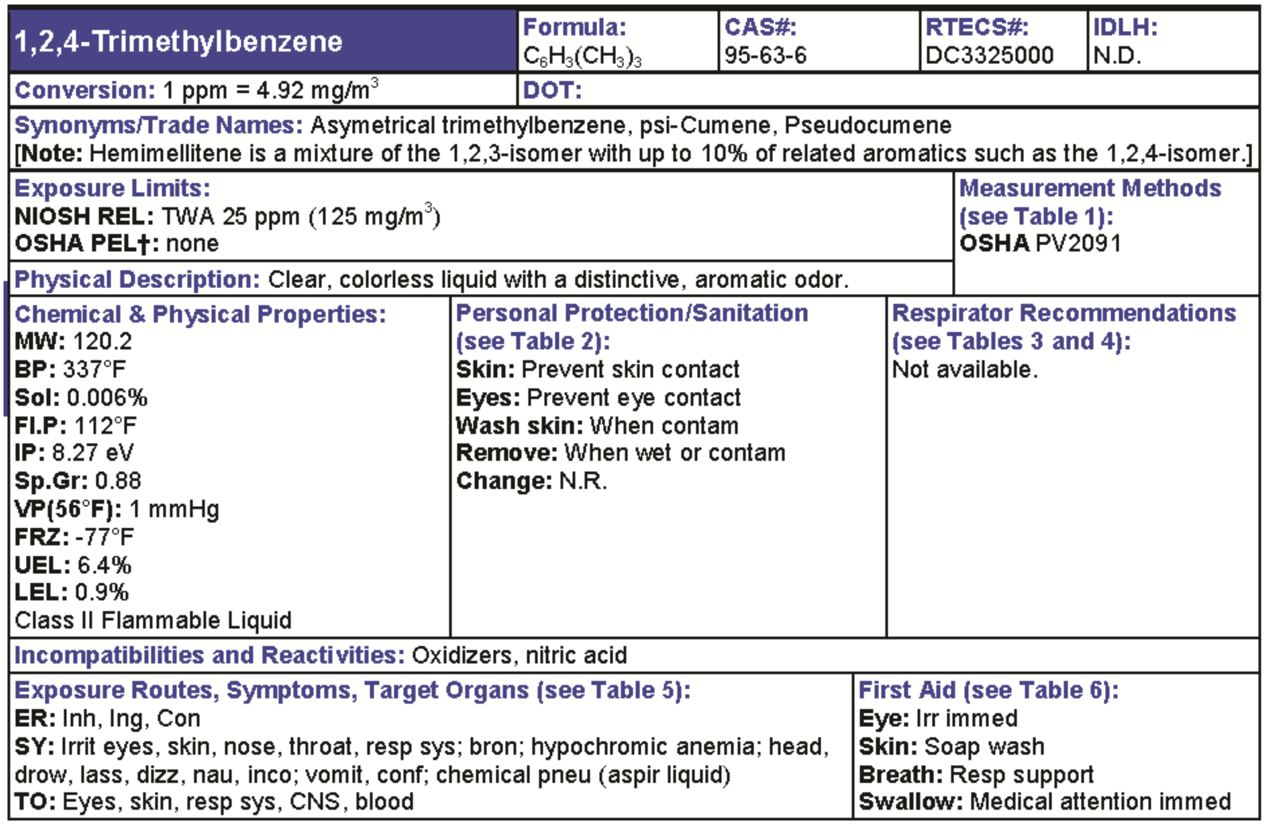
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: N.R.
Remove: When wet or contam
Change: N.R.
Provide: Eyewash
Quick drench

Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
2000 ppm: Sa/ScbaF
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFOv/ScbaE

Incompatibilities and Reactivities: Chemically-active metals such as sodium, potassium, calcium, powdered aluminum, zinc, magnesium & lithium shavings; granular barium

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Inco, tremor; derm; card arrhy, card arrest; asphy; liquid: frostbite
TO: Skin, resp sys, CVS

First Aid (see Table 6):
Eye: Irr immed
Skin: Water flush immed
Breath: Resp support
Swallow: Medical attention immed



1,2,4-Trimethylbenzene	Formula: $C_6H_3(CH_3)_3$	CAS#: 95-63-6	RTECS#: DC3325000	IDLH: N.D.

Conversion: 1 ppm = 4.92 mg/m^3

DOT:

Synonyms/Trade Names: Asymetrical trimethylbenzene, psi-Cumene, Pseudocumene
[**Note:** Hemimellitene is a mixture of the 1,2,3-isomer with up to 10% of related aromatics such as the 1,2,4-isomer.]

Exposure Limits:
NIOSH REL: TWA 25 ppm (125 mg/m^3)
OSHA PEL†: none

Measurement Methods (see Table 1):
OSHA PV2091

Physical Description: Clear, colorless liquid with a distinctive, aromatic odor.

Chemical & Physical Properties:
MW: 120.2
BP: 337°F
Sol: 0.006%
Fl.P: 112°F
IP: 8.27 eV
Sp.Gr: 0.88
VP(56°F): 1 mmHg
FRZ: -77°F
UEL: 6.4%
LEL: 0.9%
Class II Flammable Liquid

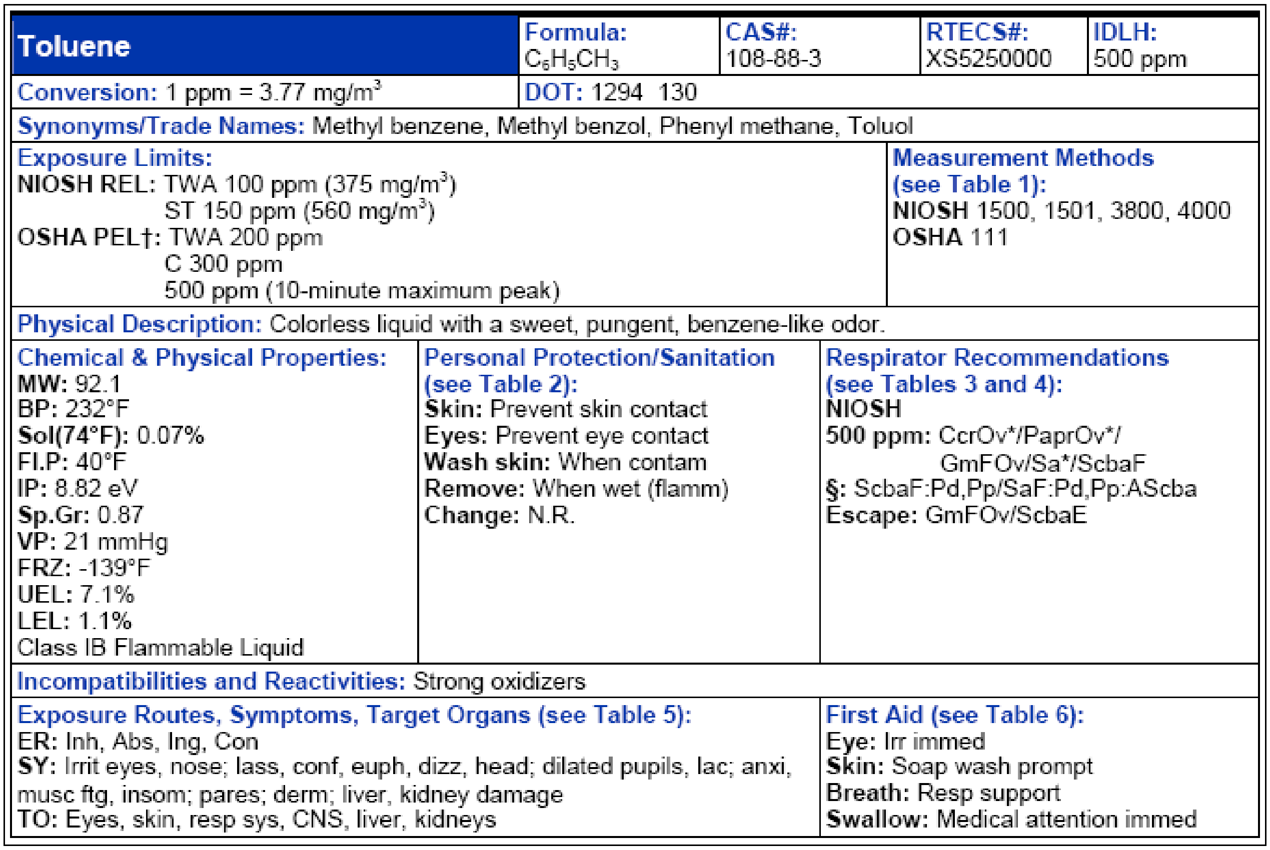
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet or contam
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
Not available.

Incompatibilities and Reactivities: Oxidizers, nitric acid

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Irrit eyes, skin, nose, throat, resp sys; bron; hypochromic anemia; head, drow, lass, dizz, nau, inco; vomit, conf; chemical pneu (aspir liquid)
TO: Eyes, skin, resp sys, CNS, blood

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash
Breath: Resp support
Swallow: Medical attention immed



Toluene	Formula: $C_6H_5CH_3$	CAS#: 108-88-3	RTECS#: XS5250000	IDLH: 500 ppm

Conversion: 1 ppm = 3.77 mg/m^3

DOT: 1294 130

Synonyms/Trade Names: Methyl benzene, Methyl benzol, Phenyl methane, Toluol

Exposure Limits:
NIOSH REL: TWA 100 ppm (375 mg/m^3)
ST 150 ppm (560 mg/m^3)
OSHA PEL†: TWA 200 ppm
C 300 ppm
500 ppm (10-minute maximum peak)

Measurement Methods (see Table 1):
NIOSH 1500, 1501, 3800, 4000
OSHA 111

Physical Description: Colorless liquid with a sweet, pungent, benzene-like odor.

Chemical & Physical Properties:
MW: 92.1
BP: 232°F
Sol(74°F): 0.07%
Fl.P: 40°F
IP: 8.82 eV
Sp.Gr: 0.87
VP: 21 mmHg
FRZ: -139°F
UEL: 7.1%
LEL: 1.1%
Class IB Flammable Liquid

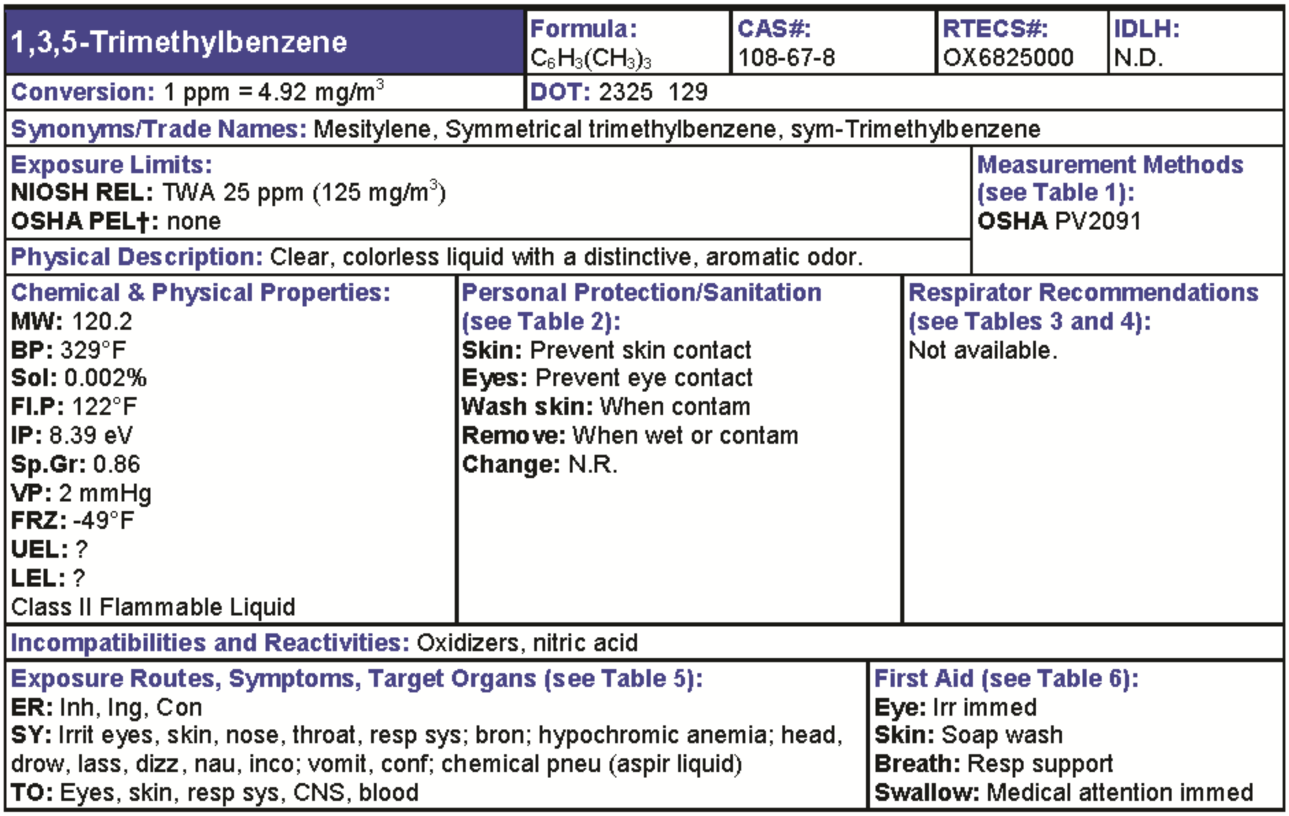
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet (flamm)
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
NIOSH
500 ppm: CcrOv*/PaprOv*/GmFOv/Sa*/ScbaF
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFOv/ScbaE

Incompatibilities and Reactivities: Strong oxidizers

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Abs, Ing, Con
SY: Irrit eyes, nose; lass, conf, euph, dizz, head; dilated pupils, lac; anxi, musc ftg, insom; pares; derm; liver, kidney damage
TO: Eyes, skin, resp sys, CNS, liver, kidneys

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash prompt
Breath: Resp support
Swallow: Medical attention immed



1,3,5-Trimethylbenzene	**Formula:** $C_6H_3(CH_3)_3$	**CAS#:** 108-67-8	**RTECS#:** OX6825000	**IDLH:** N.D.

Conversion: 1 ppm = 4.92 mg/m^3

DOT: 2325 129

Synonyms/Trade Names: Mesitylene, Symmetrical trimethylbenzene, sym-Trimethylbenzene

Exposure Limits:
NIOSH REL: TWA 25 ppm (125 mg/m^3)
OSHA PEL†: none

Measurement Methods (see Table 1):
OSHA PV2091

Physical Description: Clear, colorless liquid with a distinctive, aromatic odor.

Chemical & Physical Properties:
MW: 120.2
BP: 329°F
Sol: 0.002%
Fl.P: 122°F
IP: 8.39 eV
Sp.Gr: 0.86
VP: 2 mmHg
FRZ: -49°F
UEL: ?
LEL: ?
Class II Flammable Liquid

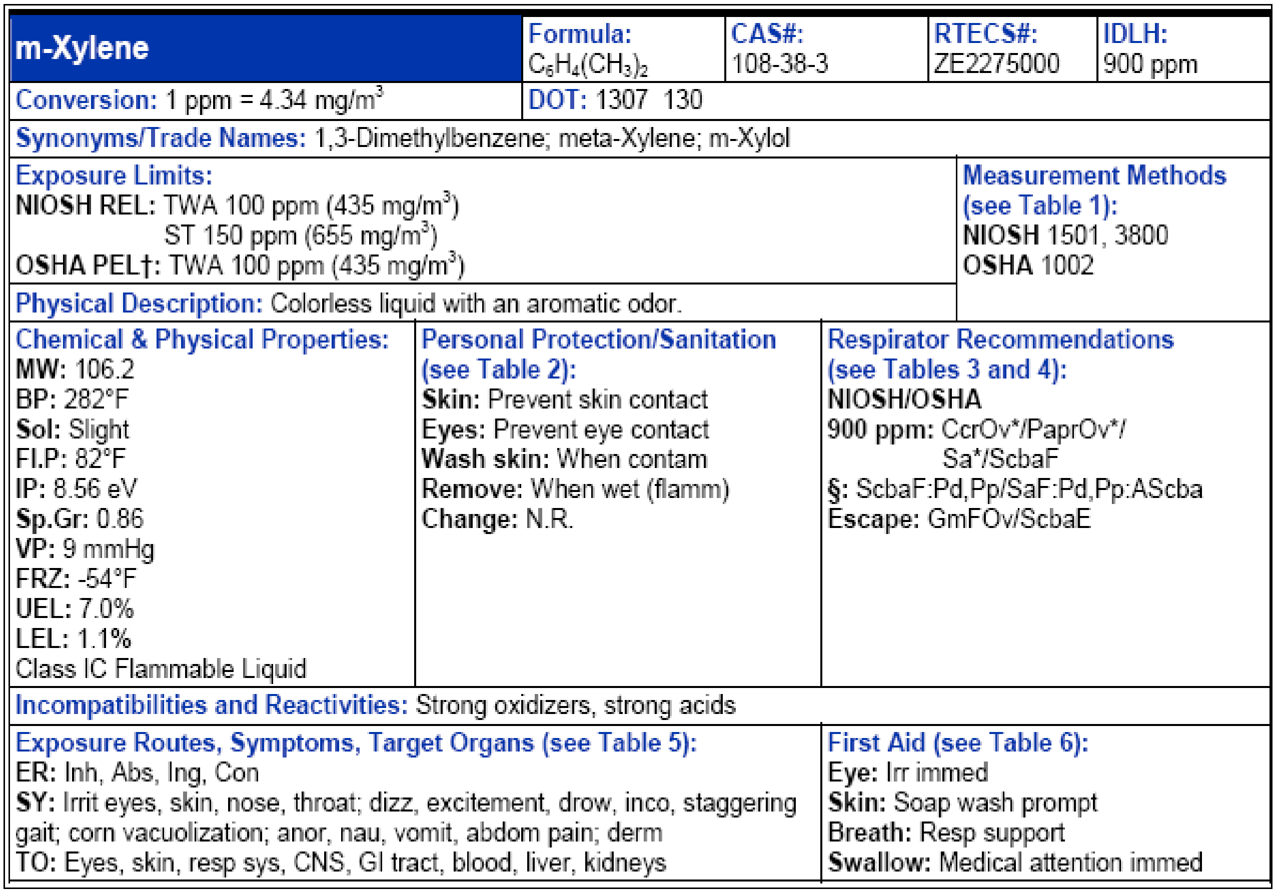
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet or contam
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
Not available.

Incompatibilities and Reactivities: Oxidizers, nitric acid

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Ing, Con
SY: Irrit eyes, skin, nose, throat, resp sys; bron; hypochromic anemia; head, drow, lass, dizz, nau, inco; vomit, conf; chemical pneu (aspir liquid)
TO: Eyes, skin, resp sys, CNS, blood

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash
Breath: Resp support
Swallow: Medical attention immed



m-Xylene	**Formula:** $C_6H_4(CH_3)_2$	**CAS#:** 108-38-3	**RTECS#:** ZE2275000	**IDLH:** 900 ppm

Conversion: 1 ppm = 4.34 mg/m^3

DOT: 1307 130

Synonyms/Trade Names: 1,3-Dimethylbenzene; meta-Xylene; m-Xylol

Exposure Limits:
NIOSH REL: TWA 100 ppm (435 mg/m^3)
ST 150 ppm (655 mg/m^3)
OSHA PEL†: TWA 100 ppm (435 mg/m^3)

Measurement Methods (see Table 1):
NIOSH 1501, 3800
OSHA 1002

Physical Description: Colorless liquid with an aromatic odor.

Chemical & Physical Properties:
MW: 106.2
BP: 282°F
Sol: Slight
Fl.P: 82°F
IP: 8.56 eV
Sp.Gr: 0.86
VP: 9 mmHg
FRZ: -54°F
UEL: 7.0%
LEL: 1.1%
Class IC Flammable Liquid

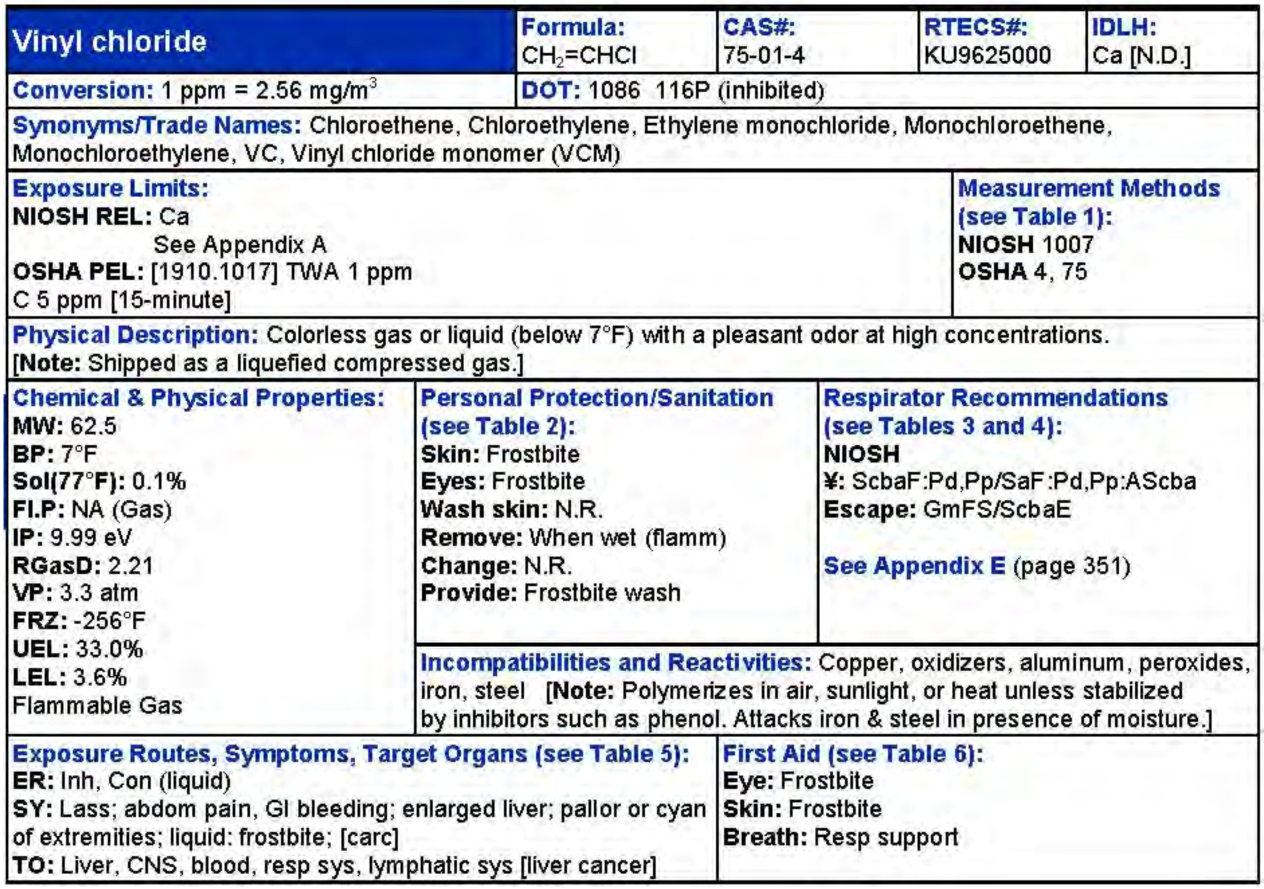
Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet (flamm)
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
NIOSH/OSHA
900 ppm: CcrOv*/PaprOv*/
Sa*/ScbaF
§: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFOv/ScbaE

Incompatibilities and Reactivities: Strong oxidizers, strong acids

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Abs, Ing, Con
SY: Irrit eyes, skin, nose, throat; dizz, excitement, drow, inco, staggering gait; corn vacuolization; anor, nau, vomit, abdom pain; derm
TO: Eyes, skin, resp sys, CNS, GI tract, blood, liver, kidneys

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash prompt
Breath: Resp support
Swallow: Medical attention immed



Vinyl chloride	**Formula:** CH_2=CHCl	**CAS#:** 75-01-4	**RTECS#:** KU9625000	**IDLH:** Ca [N.D.]

Conversion: 1 ppm = 2.56 mg/m^3 **DOT:** 1086 116P (inhibited)

Synonyms/Trade Names: Chloroethene, Chloroethylene, Ethylene monochloride, Monochloroethene, Monochloroethylene, VC, Vinyl chloride monomer (VCM)

Exposure Limits:
NIOSH REL: Ca
See Appendix A
OSHA PEL: [1910.1017] TWA 1 ppm
C 5 ppm [15-minute]

Measurement Methods (see Table 1):
NIOSH 1007
OSHA 4, 75

Physical Description: Colorless gas or liquid (below 7°F) with a pleasant odor at high concentrations.
[**Note:** Shipped as a liquefied compressed gas.]

Chemical & Physical Properties:
MW: 62.5
BP: 7°F
Sol(77°F): 0.1%
Fl.P: NA (Gas)
IP: 9.99 eV
RGasD: 2.21
VP: 3.3 atm
FRZ: -256°F
UEL: 33.0%
LEL: 3.6%
Flammable Gas

Personal Protection/Sanitation (see Table 2):
Skin: Frostbite
Eyes: Frostbite
Wash skin: N.R.
Remove: When wet (flamm)
Change: N.R.
Provide: Frostbite wash

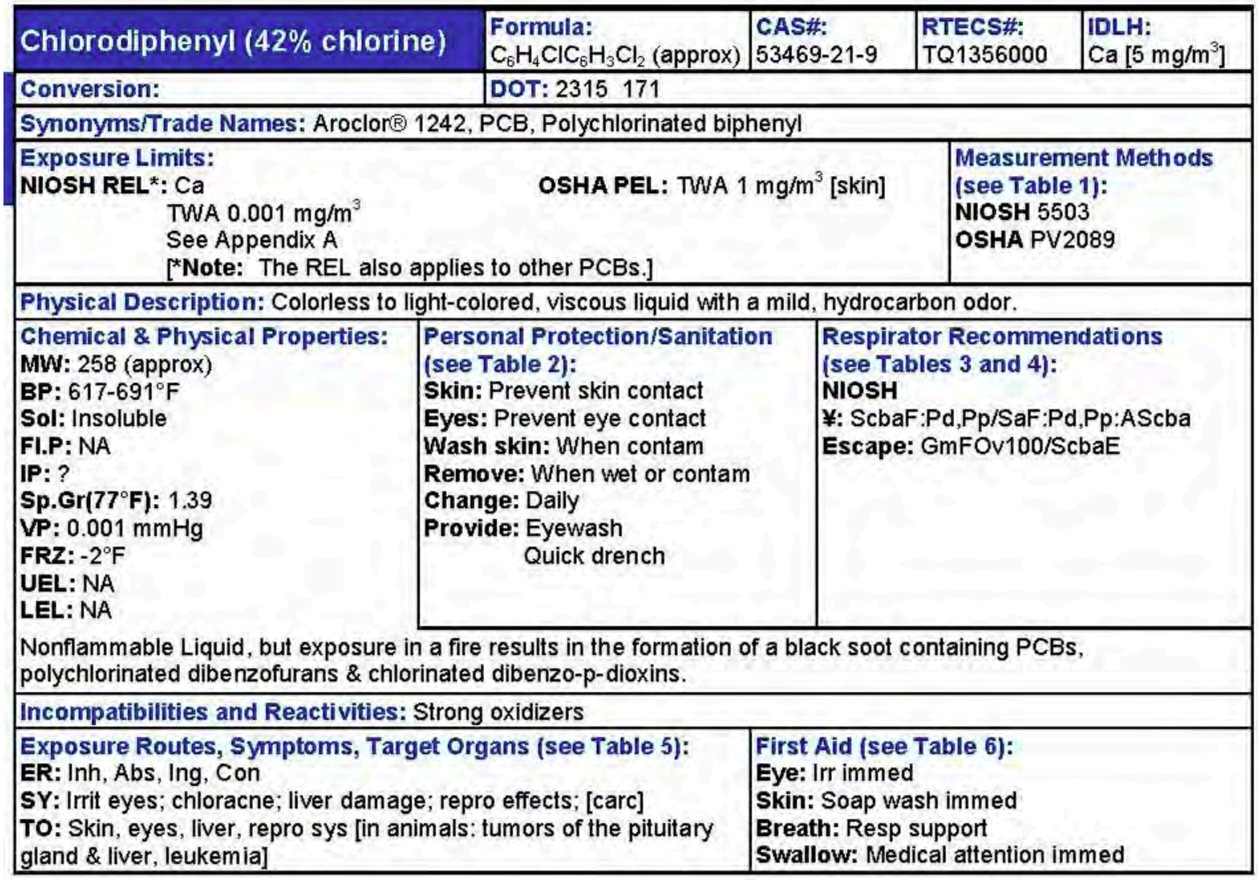
Respirator Recommendations (see Tables 3 and 4):
NIOSH
¥: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFS/ScbaE

See Appendix E (page 351)

Incompatibilities and Reactivities: Copper, oxidizers, aluminum, peroxides, iron, steel [**Note:** Polymerizes in air, sunlight, or heat unless stabilized by inhibitors such as phenol. Attacks iron & steel in presence of moisture.]

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Con (liquid)
SY: Lass; abdom pain, GI bleeding; enlarged liver; pallor or cyan of extremities; liquid: frostbite; [carc]
TO: Liver, CNS, blood, resp sys, lymphatic sys [liver cancer]

First Aid (see Table 6):
Eye: Frostbite
Skin: Frostbite
Breath: Resp support



Chlorodiphenyl (42% chlorine)	**Formula:** $C_6H_4ClC_6H_3Cl_2$ (approx)	**CAS#:** 53469-21-9	**RTECS#:** TQ1356000	**IDLH:** Ca [5 mg/m^3]

Conversion: **DOT:** 2315 171

Synonyms/Trade Names: Aroclor® 1242, PCB, Polychlorinated biphenyl

Exposure Limits:
NIOSH REL*: Ca
TWA 0.001 mg/m^3
See Appendix A
[***Note:** The REL also applies to other PCBs.]
OSHA PEL: TWA 1 mg/m^3 [skin]

Measurement Methods (see Table 1):
NIOSH 5503
OSHA PV2089

Physical Description: Colorless to light-colored, viscous liquid with a mild, hydrocarbon odor.

Chemical & Physical Properties:
MW: 258 (approx)
BP: 617-691°F
Sol: Insoluble
Fl.P: NA
IP: ?
Sp.Gr(77°F): 1.39
VP: 0.001 mmHg
FRZ: -2°F
UEL: NA
LEL: NA

Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet or contam
Change: Daily
Provide: Eyewash
Quick drench

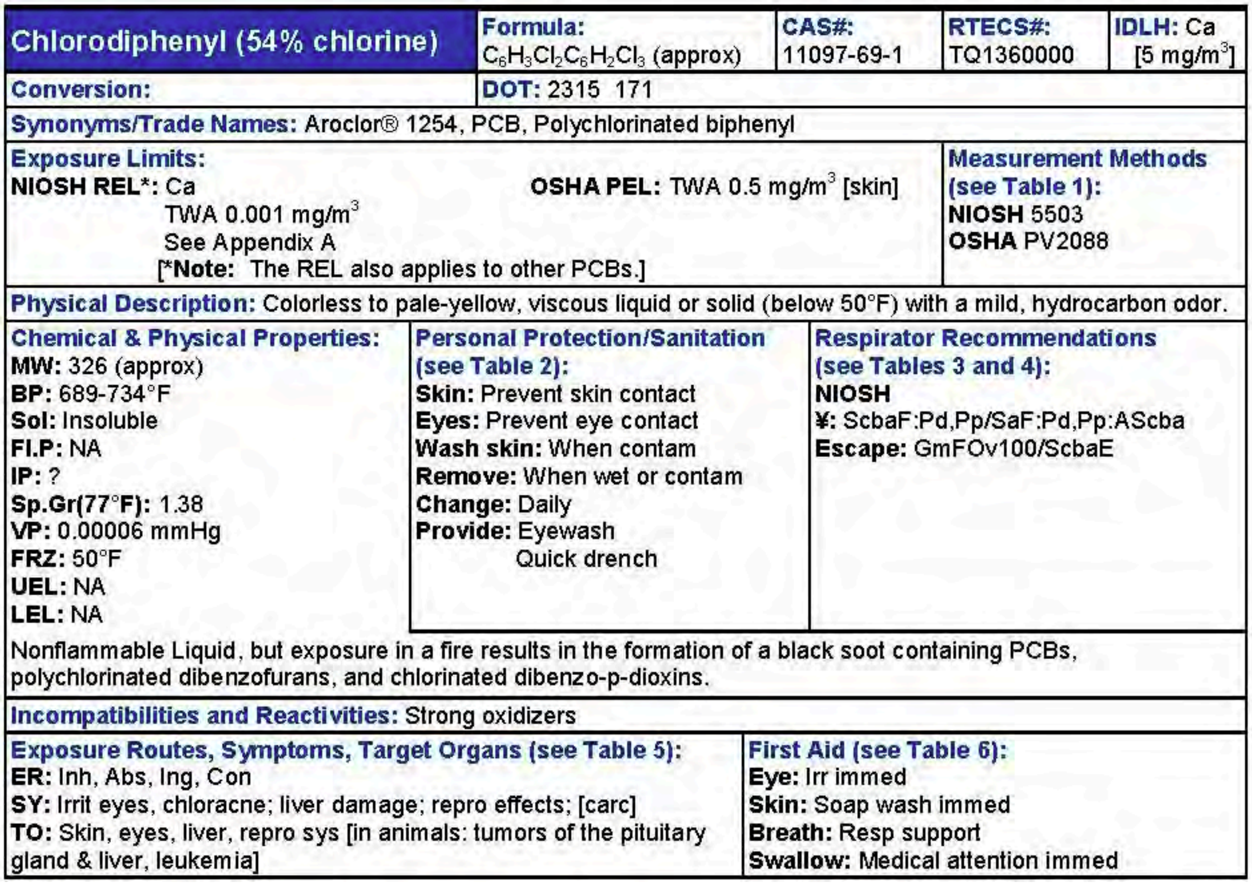
Respirator Recommendations (see Tables 3 and 4):
NIOSH
¥: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFOv100/ScbaE

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans & chlorinated dibenzo-p-dioxins.

Incompatibilities and Reactivities: Strong oxidizers

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Abs, Ing, Con
SY: Irrit eyes; chloracne; liver damage; repro effects; [carc]
TO: Skin, eyes, liver, repro sys [in animals: tumors of the pituitary gland & liver, leukemia]

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash immed
Breath: Resp support
Swallow: Medical attention immed



Chlorodiphenyl (54% chlorine)

Formula: $C_6H_3Cl_2C_6H_2Cl_3$ (approx)
CAS#: 11097-69-1
RTECS#: TQ1360000
IDLH: Ca [5 mg/m^3]

Conversion:
DOT: 2315 171

Synonyms/Trade Names: Aroclor® 1254, PCB, Polychlorinated biphenyl

Exposure Limits:
NIOSH REL*: Ca
TWA 0.001 mg/m^3
See Appendix A
[***Note:** The REL also applies to other PCBs.]
OSHA PEL: TWA 0.5 mg/m^3 [skin]

Measurement Methods (see Table 1):
NIOSH 5503
OSHA PV2088

Physical Description: Colorless to pale-yellow, viscous liquid or solid (below 50°F) with a mild, hydrocarbon odor.

Chemical & Physical Properties:
MW: 326 (approx)
BP: 689-734°F
Sol: Insoluble
Fl.P: NA
IP: ?
Sp.Gr(77°F): 1.38
VP: 0.00006 mmHg
FRZ: 50°F
UEL: NA
LEL: NA

Personal Protection/Sanitation (see Table 2):
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contam
Remove: When wet or contam
Change: Daily
Provide: Eyewash
Quick drench

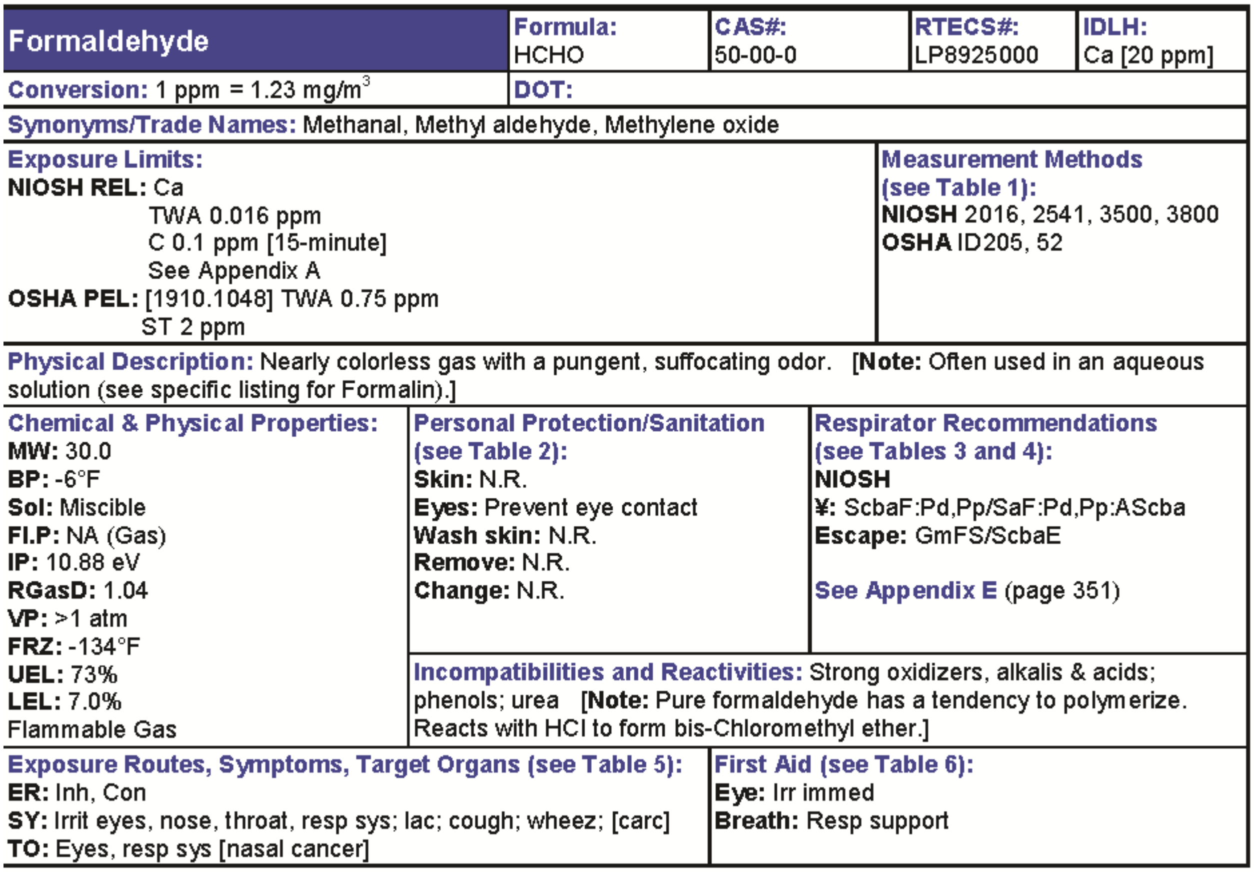
Respirator Recommendations (see Tables 3 and 4):
NIOSH
¥: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFOv100/ScbaE

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans, and chlorinated dibenzo-p-dioxins.

Incompatibilities and Reactivities: Strong oxidizers

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Abs, Ing, Con
SY: Irrit eyes, chloracne; liver damage; repro effects; [carc]
TO: Skin, eyes, liver, repro sys [in animals: tumors of the pituitary gland & liver, leukemia]

First Aid (see Table 6):
Eye: Irr immed
Skin: Soap wash immed
Breath: Resp support
Swallow: Medical attention immed



Formaldehyde

Formula: HCHO
CAS#: 50-00-0
RTECS#: LP8925000
IDLH: Ca [20 ppm]

Conversion: 1 ppm = 1.23 mg/m^3
DOT:

Synonyms/Trade Names: Methanal, Methyl aldehyde, Methylene oxide

Exposure Limits:
NIOSH REL: Ca
TWA 0.016 ppm
C 0.1 ppm [15-minute]
See Appendix A
OSHA PEL: [1910.1048] TWA 0.75 ppm
ST 2 ppm

Measurement Methods (see Table 1):
NIOSH 2016, 2541, 3500, 3800
OSHA ID205, 52

Physical Description: Nearly colorless gas with a pungent, suffocating odor. [**Note:** Often used in an aqueous solution (see specific listing for Formalin).]

Chemical & Physical Properties:
MW: 30.0
BP: -6°F
Sol: Miscible
Fl.P: NA (Gas)
IP: 10.88 eV
RGasD: 1.04
VP: >1 atm
FRZ: -134°F
UEL: 73%
LEL: 7.0%
Flammable Gas

Personal Protection/Sanitation (see Table 2):
Skin: N.R.
Eyes: Prevent eye contact
Wash skin: N.R.
Remove: N.R.
Change: N.R.

Respirator Recommendations (see Tables 3 and 4):
NIOSH
¥: ScbaF:Pd,Pp/SaF:Pd,Pp:AScba
Escape: GmFS/ScbaE

See Appendix E (page 351)

Incompatibilities and Reactivities: Strong oxidizers, alkalis & acids; phenols; urea [**Note:** Pure formaldehyde has a tendency to polymerize. Reacts with HCl to form bis-Chloromethyl ether.]

Exposure Routes, Symptoms, Target Organs (see Table 5):
ER: Inh, Con
SY: Irrit eyes, nose, throat, resp sys; lac; cough; wheez; [carc]
TO: Eyes, resp sys [nasal cancer]

First Aid (see Table 6):
Eye: Irr immed
Breath: Resp support

APPENDIX H

Substance Safety Data Sheet Benzene

I. Substance Identification

A. Substance: Benzene

B. Permissible Exposure: Except as to the use of gasoline, motor fuels and other fuels subsequent to discharge from bulk terminals and other exemptions specified in section 5218(a)(2):

1. Airborne: The maximum time-weighted average exposure limit is 1 part of benzene vapor per million parts of air (1 ppm) for an 8-hour workday and the maximum short-term exposure limit (STEL) is 5 ppm as averaged over a 15-minute sampling period.

2. Dermal: Eye contact must be prevented and skin contact with liquid benzene must be limited.

C. Appearance and odor: Benzene is a clear, colorless liquid with a pleasant, sweet odor. The odor of benzene does not provide adequate warning of its hazard.

II. Health Hazard Data

A. Ways in which benzene affects your health. Benzene can affect your health if you inhale it, or if it comes in contact with your skin or eyes. Benzene is also harmful if you happen to swallow it.

B. Effects of Overexposure.

1. Short-term (acute) Overexposure: If you are overexposed to high concentrations of benzene, well above the levels where its odor is first recognizable, you may feel breathless, irritable, euphoric, or giddy; you may experience irritation in your eyes, nose, and respiratory tract. You may develop a headache, feel dizzy, nauseated, or intoxicated. Severe exposures may lead to convulsions and loss of consciousness.

2. Long-term (chronic) Exposure. Repeated or prolonged exposure to benzene, even at relatively low concentrations, may result in various blood disorders, ranging from anemia to leukemia, an irreversible, fatal disease. Many blood disorders associated with benzene exposure may occur without symptoms.

III. Protective Clothing and Equipment.

A. Respirators. Respirators are required for those operations in which engineering controls or work practice controls are not feasible to reduce exposure to the permissible level. However, where employers can document that benzene is present in the workplace less than 30 days a year, respirators may be used in lieu of engineering controls. If respirators are worn, they must have joint Mine Safety and Health Administration and the National Institute for Occupational Safety and Health (NIOSH) seal of approval, and cartridges or canisters must be replaced before the end of their service life, or the end of the shift, whichever occurs first. If you experience difficulty breathing while wearing a respirator, you may request a positive pressure respirator from your employer. You must be thoroughly trained to use the assigned respirator, and the training will be provided by your employer.

B. Protective Clothing. You must wear appropriate protective clothing (such as boots, gloves, sleeves, aprons, etc.) over any parts of your body that could be exposed to liquid benzene.

C. Eye and Face Protection. You must wear splash-proof safety goggles if it is possible that benzene may get into your eyes. In addition, you must wear a face shield if your face could be splashed with benzene liquid.

IV. Emergency and First-Aid Procedures.

A. Eye and Face Exposure. If benzene is splashed in your eyes, wash it out immediately with large amounts of water. If irritation persists or vision appears to be affected see a doctor as soon as possible.

B. Skin Exposure. If benzene is spilled on your clothing or skin, remove the contaminated clothing and wash the exposed skin with large amounts of water and soap immediately. Wash contaminated clothing before you wear it again.

C. Breathing. If you or any other person breathes in large amounts of benzene, get the exposed person to fresh air at once. Apply artificial respiration if breathing has stopped. Call for medical assistance or a doctor as soon as possible. Never enter any vessel or confined space where the benzene concentration might be high without proper safety equipment and at least one other person present who will stay outside. A life line should be used.

D. Swallowing. If benzene has been swallowed and the patient is conscious, do not induce vomiting. Call for medical assistance or a doctor immediately.

V. Medical Requirements

If you are exposed to benzene at a concentration at or above 0.5 ppm as an 8-hour time weighted average, or have been exposed above 10 ppm in the past while employed by your current employer, your employer is required to provide an initial medical examination and history and laboratory tests and annually thereafter. These tests shall be provided without cost to you. In addition, if you are accidentally exposed to benzene (either by ingestion, inhalation, or skin/eye contact) under emergency conditions known or suspected to constitute toxic exposure to benzene, your employer is required to make special laboratory tests available to you.

VI. Observation of Monitoring

Your employer is required to perform measurements that are representative of your exposure to benzene and you or your designated representative are entitled to observe the monitoring procedure. You are entitled to observe the steps taken in the measurement procedure and to record the results obtained. When the monitoring procedure is taking place in an area where respirators or personal protective clothing and equipment are required to be worn, you or your representative must also be provided with, and must wear the protective clothing and equipment.

VII. Access to Records

You or your representative are entitled to see the records of measurements of your exposure to benzene upon written request to your employer. Your medical examination records can be furnished to yourself, your physician or designated representative upon request by you to your employer.

VIII. Precautions for Safe Use, Handling and Storage

Benzene liquid is highly flammable. It should be stored in tightly closed containers in a cool, well ventilated area. Benzene vapor may form explosive mixtures in air. All sources of ignition must be controlled. Use non-sparking tools when opening or closing benzene containers. Fire extinguishers, where provided, must be readily available. Know where they are located and how to operate them. Smoking is prohibited in areas where benzene is used or stored. Ask your supervisor where benzene is used in your area and for additional plant safety rules.

APPENDIX I

SUBSTANCE TECHNICAL GUIDELINES FOR FORMALIN

The following Substance Technical Guideline for Formalin provides information on uninhibited formalin solution (37% formaldehyde, no methanol stabilizer). It is designed to inform employees at the production level of their rights and duties under the formaldehyde standard whether their job title defines them as workers or supervisors. Much of the information provided is general; however, some information is specific for formalin. When employee exposure to formaldehyde is from resins capable of releasing formaldehyde, the resin itself and other impurities or decomposition products may also be toxic, and employers should include this information as well when informing employees of the hazards associated with the materials they handle. The precise hazards associated with exposure to formaldehyde depend both on the form (solid, liquid, or gas) of the material and the concentration of formaldehyde present. For example, 37-50 percent solutions of formaldehyde present a much greater hazard to the skin and eyes from spills or splashes than solutions containing less than 1 percent formaldehyde. Individual Substance Technical Guidelines used by the employer for training employees should be modified to properly give information on the material actually being used.

SUBSTANCE IDENTIFICATION

Chemical Name: Formaldehyde

Chemical Family: Aldehyde

Chemical Formula: HCHO Molecular Weight: 30.03

Chemical Abstracts Service Number

(CAS Number): 50-00-0

Synonyms: Formalin; Formic

Aldehyde; Paraform; Formol; Formalin

(Methanol-free); Fyde; Formalith;

Methanal; Methyl Aldehyde; Methylene

Glycol; Methylene Oxide;

Tetraoxymethalene; Oxomethane;

Oxymethylene

Components and Contaminants

Percent: 37.0 Formaldehyde

Percent: 63.0 Water

(NOTE: Inhibited solutions contain methanol.)

Other Contaminants: Formic Acid (alcohol free)

Cal/OSHA Exposure Limits:

PEL-TWA 0.75 ppm

STEL 2 ppm

PHYSICAL DATA

Description: Colorless liquid, pungent odor

Boiling Point: 214° F (101° C)

Specific Gravity: 1.08 (H_2O = 1@20° C) pH: 2.8-4.0

Solubility in Water: Miscible

Solvent Solubility: Soluble in alcohol and acetone

Vapor Density: 1.04 (Air = 1@20° C)

Odor Threshold: 0.8-1 ppm

FIRE AND EXPLOSION HAZARD

Moderate fire and explosion hazard when exposed to heat or flame.

The flash point of 37% formaldehyde solutions is above normal room temperature, but the explosion range is very wide, from 7 to 73% by volume in air.

Reaction of formaldehyde with nitrogen dioxide, nitromethane, perchloric acid and aniline, or peroxyformic acid yields explosive compounds.

Flash Point: 1855F (85°C) closed cup

Lower Explosion Limit: 7%

Upper Explosion Limit: 73%

Autoignition Temperature: 806°F (430°C)

Flammability Class (OSHA): III A.

Extinguishing Media: Use dry chemical, "alcohol foam," carbon dioxide, or water in flooding amounts as fog. Solid streams may not be effective. Cool fire-exposed containers with water from side until well after fire is out.

Use of water spray to flush spills can also dilute the spill to produce nonflammable mixtures. Water runoff, however, should be contained for treatment. National Fire Protection Association section 325M Designation:

Health: 2--Materials hazardous to health, but areas may be entered with full-faced mask self-contained breathing apparatus which provides eye protection.

Flammability: 2--Materials which must be moderately heated before ignition will occur. Water spray may be used to extinguish the fire because the material can be cooled below its flash point.

Reactivity: D--Materials which (in themselves) are normally stable even under fire exposure conditions which are not reactive with water. Normal fire fighting procedures may be used. Reactivity

Stability: Formaldehyde solutions may self-polymerize to form paraformaldehyde which precipitates.

Incompatibility (Materials to Avoid): Strong oxidizing agents, caustics, strong alkalies, isocyanates, anhydrides, oxides, and inorganic acids. Formaldehyde reacts with hydrochloric acid to form the potent carcinogen, bischloromethyl ether. Formaldehyde reacts with nitrogen dioxide, nitromethane, perchloric acid and aniline, or peroxyformic acid to yield explosive compounds. A violent reaction occurs when formaldehyde is mixed with strong oxidizers.

Hazardous Combustion or Decomposition Products: Oxygen from the air can oxidize formaldehyde to formic acid, especially when heated. Formic acid is corrosive.

HEALTH HAZARD DATA

Acute Effects of Exposure

Ingestion (Swallowing): Liquids containing 10 to 40% formaldehyde cause severe irritation and inflammation of the mouth, throat, and stomach. Severe stomach pains will follow ingestion with possible loss of consciousness and death. Ingestion of dilute formaldehyde solutions (0.03-0.04%) may cause discomfort in the stomach and pharynx.

Inhalation (Breathing): Formaldehyde is highly irritating to the upper respiratory tract and eyes. Concentrations of 0.5 to 2.0 ppm may irritate the eyes, nose, and throat of some individuals. Concentrations of 3 to 5 ppm also cause tearing of the eyes and are intolerable to some persons. Concentrations of 10 to 20 ppm cause difficulty in breathing, burning of the nose and throat, cough, and heavy tearing of the eyes, and 25 to 30 ppm causes severe respiratory tract injury leading to pulmonary edema and pneumonitis. A concentration of 100 ppm is immediately dangerous to life and health. Deaths from accidental exposure to high concentrations of formaldehyde have been reported.

Skin (Dermal): Formalin is a severe skin irritant and a sensitizer. Contact with formalin causes white discoloration, smarting, drying, cracking, and scaling. Prolonged and repeated contact can cause numbness and a hardening or tanning of the skin. Previously exposed persons may react to future exposure with an allergic eczematous dermatitis or hives.

Eye Contact: Formaldehyde solutions splashed in the eye can cause injuries ranging from transient discomfort to severe, permanent corneal clouding and loss of vision. The severity of the effect depends on the concentration of formaldehyde in the solution and whether or not the eyes are flushed with water immediately after the accident.

NOTE: The perception of formaldehyde by odor and eye irritation becomes less sensitive with time as one adapts to formaldehyde. This can lead to overexposure if a worker is relying on formaldehyde's warning properties to alert him or her to the potential for exposure.

Acute Animal Toxicity:

Oral, rats: LD50 = 800 mg/kg

Oral, mouse: LD50 = 42 mg/kg

Inhalation, rats: LCLo = 250 mg/kg

Inhalation, mouse: LCLo = 900 mg/kg

Inhalation, rats: LC50 = 590 mg/kg

Chronic Effects of Exposure

Carcinogenicity: Formaldehyde has the potential to cause cancer in humans. Repeated and prolonged exposure increases the risk. Various animal experiments have conclusively shown formaldehyde to be a carcinogen in rats. In humans, formaldehyde exposure has been associated with cancers of the lung, nasopharynx and oropharynx, and nasal passages.

Mutagenicity: Formaldehyde is genotoxic in several in vitro test systems showing properties of both an initiator and a promoter.

Toxicity: Prolonged or repeated exposure to formaldehyde may result in respiratory impairment. Rats exposed to formaldehyde at 2 ppm developed benign nasal tumors and changes of the cell structure in the nose as well as inflamed mucous membranes of the nose. Structural changes in the epithelial cells in the human nose have also been observed. Some persons have developed asthma or bronchitis following exposure to formaldehyde, most often as the result of an accidental spill involving a single exposure to a high concentration of formaldehyde.

Emergency and First Aid Procedures

Ingestion (Swallowing): If the victim is conscious, dilute, inactivate, or absorb the ingested formaldehyde by giving milk, activated charcoal, or water. Any organic material will inactivate formaldehyde. Keep affected person warm and at rest. Get medical attention immediately. If vomiting occurs, keep head lower than hips.

Inhalation (Breathing): Remove the victim from the exposure area to fresh air immediately. Where the formaldehyde concentration may be very high, each rescuer must put on a self-contained breathing apparatus before attempting to remove the victim, and medical personnel should be informed of the formaldehyde exposure immediately. If breathing has stopped, give artificial respiration. Keep the affected person warm and at rest. Qualified first-aid or medical personnel should administer oxygen, if available, and maintain the patient's airway and blood pressure until the victim can be transported to a medical facility. If exposure results in a highly irritated upper respiratory tract and coughing continues for more than 10 minutes, the worker should be hospitalized for observation and treatment.

Skin Contact. Remove contaminated clothing (including shoes) immediately. Wash the affected area of your body with soap or mild detergent and large amounts of water until no evidence of the chemical remains (at least 10 to 20 minutes). If there are chemical burns, get first aid to cover the area with sterile, dry dressing, and bandages. Get medical attention if you experience appreciable eye or respiratory irritation.

Eye Contact: Wash the eyes immediately with large amounts of water occasionally lifting lower and upper lids, until no evidence of chemical remains (at least 15 to 20 minutes). In case of burns, apply sterile bandages loosely without medication. Get medical attention immediately. If you have experienced appreciable eye irritation from a splash or excessive exposure, you should be referred promptly to an ophthalmologist for evaluation.

EMERGENCY PROCEDURES

Emergencies: If you work to an area where a large amount of formaldehyde could be released in an accident or from equipment failure, your employer must develop procedures to be followed in event of an emergency. You should be trained in your specific duties in the event of an emergency, and it is important that you clearly understand these duties. Emergency equipment must be accessible and you should be trained to use any equipment that you might need. Formaldehyde contaminated equipment must be cleaned before reuse.

If a spill of appreciable quantity occurs, leave the area quickly unless you have specific emergency duties. Do not touch spilled material. Designated persons may stop the leak and shut off ignition sources if these procedures can be done without risk. Designated persons should isolate the hazard area and deny entry except for necessary people protected by suitable protective clothing and respirators adequate for the exposure. Use water spray to reduce vapors. Do not smoke, and prohibit all flames or flares in the hazard area.

Special Firefighting Procedures: Learn procedures and responsibilities in the event of a fire in your workplace. Become familiar with the appropriate equipment and supplies and their location. In firefighting, withdraw immediately in case of rising sound from venting safety device or any discoloration of storage tank due to fire.

SPILL, LEAK, AND DISPOSAL PROCEDURES

Occupational Spill: For small containers, place the leaking container in a well ventilated area. Take up small spills with absorbent material and place the waste into properly labeled containers for later disposal. For larger spills, dike the spill to minimize contamination and facilitate salvage or disposal. You may be able to neutralize the spill with sodium hydroxide or sodium sulfite. Your employer must comply with EPA rules regarding the clean-up of toxic waste and notify state and local authorities, if required. If the spill is greater than 1,000 lb/day, it is reportable under EPA's Superfund legislation.

Waste Disposal: Your employer must dispose of waste containing formaldehyde in accordance with applicable local, state, and Federal law and in a manner that minimizes exposure of employees at the site and of the clean-up crew.

MONITORING AND MEASUREMENT PROCEDURES

Monitoring Requirements: If your exposure to formaldehyde exceeds the 0.5 ppm action level or the 2 ppm STEL, your employer must monitor your exposure. Your employer need not measure every exposure if a "high exposure" employee can be identified. This person usually spends the greatest amount of time nearest the process equipment. If you are a "representative employee," you will be asked to wear a sampling device to collect formaldehyde. This device may be a passive badge, adsorbent tube attached to a pump, or an impinger containing liquid. You should perform your work as usual, but inform the person who is conducting the monitoring of any difficulties you are having wearing the device.

Evaluation of 8-hour Exposure: Measurements taken for the purpose of determining time-weighted average (TWA) exposures are best taken with samples covering the full shift. Samples collected must be taken from the employee's breathing zone air.

Short-term Exposure Evaluation: If there are tasks that involve brief but intense exposure to formaldehyde, employee exposure must be measured to assure compliance with the STEL. Sample collections are for brief periods, only 15 minutes, but several samples may be needed to identify the peak exposure.

Monitoring Techniques: OSHA's only requirement for selecting a method for sampling and analysis is that the methods used accurately evaluate the concentration of formaldehyde in employees' breathing zones. Sampling and analysis may be performed by collection of formaldehyde on liquid or solid sorbents with subsequent chemical analysis. Sampling and analysis may also be performed by passive diffusion monitors and short-term exposure may be measured by instruments such as real-time continuous monitoring systems and portable direct reading instruments.

Notification of Results: Your employer must inform you of the results of exposure monitoring representative of your job. You may be informed in writing, but posting the results where you have ready access to them constitutes compliance with the standard.

PROTECTIVE EQUIPMENT AND CLOTHING

(Material impervious to formaldehyde is needed if the employee handles formaldehyde solutions of 1% or more. Other employees may also require protective clothing or equipment to prevent dermatitis.)

Respiratory Protection: Use NIOSH approved full facepiece negative pressure respirators equipped with approved cartridges or canisters within the use limitations of these devices. (Present restrictions on cartridges and canisters do not permit them to be used for a full workshift.) In all other situations, use positive pressure respirators such as the positive pressure air purifying respirator or the self-contained breathing apparatus (SCBA). If you use a negative pressure respirator, your employer must provide you with fit testing of the respirator at least once a year in accordance with the procedures outlined in Appendix E.

Protective Gloves: Wear protective (impervious) gloves provided by your employer, at no cost, to prevent contact with formalin. Your employer should select these gloves based on the results of permeation testing and in accordance with the ACGIH Guidelines for Selection of Chemical Protective Clothing.

Eye Protection: If you might be splashed in the eyes with formalin, it is essential that you wear goggles or some other type of complete protection for the eye. You may also need a face shield if your face is likely to be splashed with formalin, but you must not substitute face shields for eye protection. (This section pertains to formaldehyde solutions of 1% or more.)

Other Protective Equipment: You must wear protective (impervious) clothing and equipment provided by your employer at no cost to prevent repeated or prolonged contact with formaldehyde liquids. If you are required to change into whole-body chemical protective clothing, your employer must provide a change room for your privacy and for storage of your normal clothing.

If you are splashed with formaldehyde, use the emergency showers and eyewash fountains provided by your employer immediately to prevent serious injury. Report the incident to your supervisor and obtain necessary medical support.

Entry Into an IDLH Atmosphere

Enter areas where the formaldehyde concentration might be 100 ppm or more only with complete body protection including a self-contained breathing apparatus with a full facepiece operated in a positive pressure mode or a supplied air respirator with full facepiece and operated in a positive pressure mode. This equipment is essential to protect your life and health under such extreme conditions.

ENGINEERING CONTROLS

Ventilation is the most widely applied engineering control method for reducing the concentration of airborne substances in the breathing zones of workers. There are two distinct types of ventilation.

Local Exhaust: Local exhaust ventilation is designed to capture airborne contaminants as near to the point of generation as possible. To protect you, the direction of contaminant flow must always be toward the local exhaust system inlet and away from you.

General (Mechanical): General dilution ventilation involves continuous introduction of fresh air into the workroom to mix with the contaminated air and lower your breathing zone concentration of formaldehyde. Effectiveness depends on the number of air changes per hour. Where devices emitting formaldehyde are spread out over a large area, general dilution ventilation may be the only practical method of control.

Work Practices: Work practices and administrative procedures are an important part of a control system. If you are asked to perform a task in a certain manner to limit your exposure to formaldehyde, it is extremely important that you follow these procedures.

MEDICAL SURVEILLANCE

Medical surveillance helps to protect employees' health. You are encouraged strongly to participate in the medical surveillance program.

Your employer must make a medical surveillance program available at no expense to you and at a reasonable time and place if you are exposed to formaldehyde at concentrations above 0.5 ppm as an 8-hour average or 2 ppm over any 15-minute period. You will be offered medical surveillance at the time of your initial assignment and once a year afterward as long as your exposure is at least 0.5 ppm (TWA) or 2 ppm (STEL). Even if your exposure is below these levels, you should inform your employer if you have signs and symptoms that you suspect, through your training, are related to your formaldehyde exposure because you may need medical surveillance to determine if your health is being impaired by your exposure.

The surveillance plan includes:

(a) A medical disease questionnaire.

(b) A physical examination if the physician determines this is necessary.

If you are required to wear a respirator, your employer must offer you a physical examination and a pulmonary function test every year.

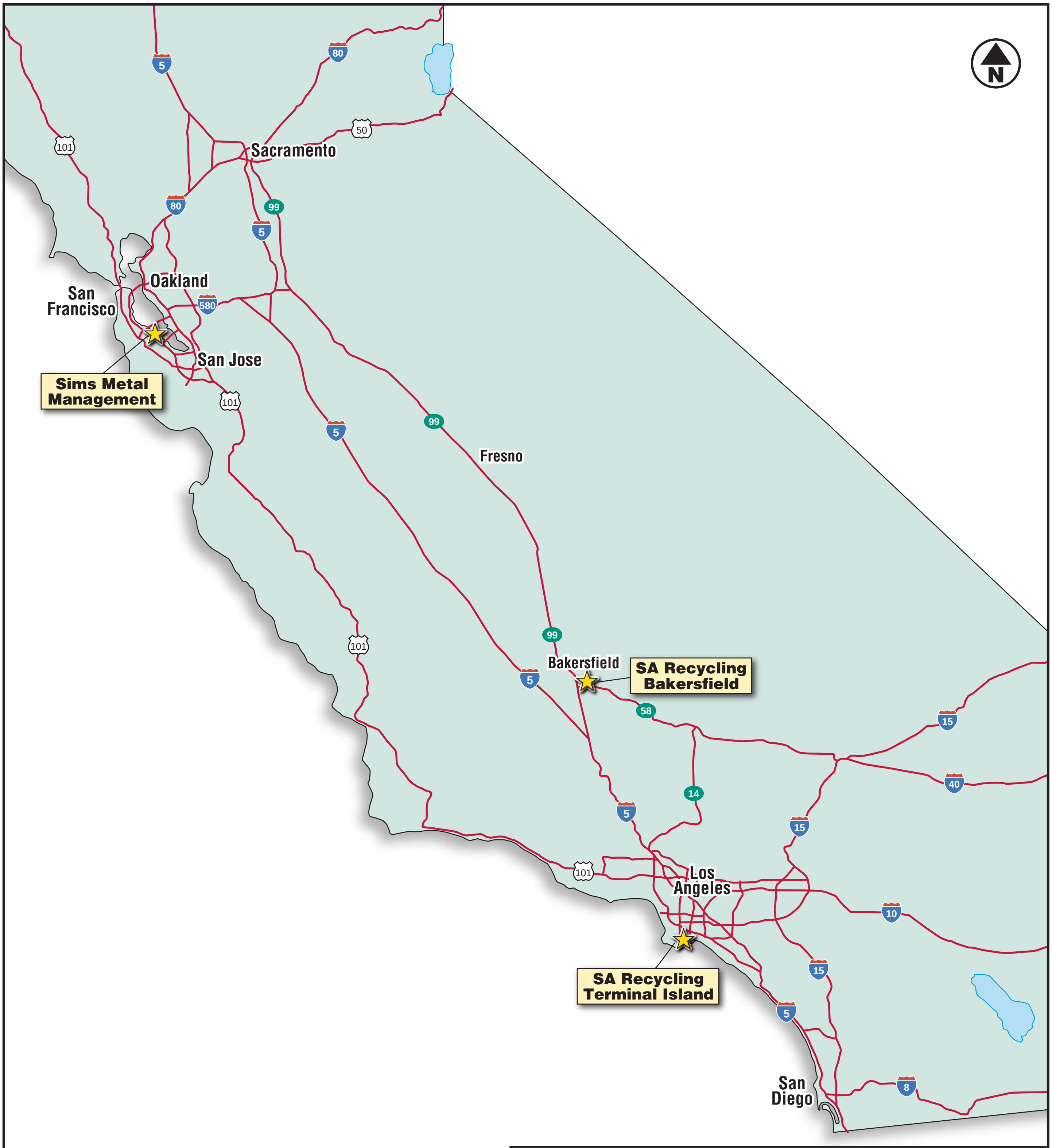
The physician must collect all information needed to determine if you are at increased risk from your exposure to formaldehyde. At the physician's discretion, the medical examination may include other tests, such as a chest X-ray, to make this determination.

After a medical examination, the physician will provide your employer with a written opinion which includes any special protective measures recommended and any restrictions on your exposure. The physician must inform you of any medical conditions you have which would be aggravated by exposure to formaldehyde.

All records from your medical examinations, including disease surveys, must be retained at your employer's expense.

EMERGENCIES

If you are exposed to formaldehyde in an emergency and develop signs or symptoms associated with acute toxicity from formaldehyde exposure, your employer must provide you with a medical examination as soon as possible. This medical examination will include all steps necessary to stabilize your health. You may be kept in the hospital for observation if your symptoms are severe to ensure that any delayed effects are recognized and treated.



GEOCON
CONSULTANTS, INC.

3160 GOLD VALLEY DR – SUITE 800 – RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 – FAX 916.852.9132

Various Facilities Generating and/or Receiving
Metal Shredding Waste Statewide

Multiple Locations, California

Project Location Map

S9850-03-21	September 2016	Figure 1

APPENDIX B

Geocon Field Logs

DTSC Metal Shredding

Rite in the Rain®

ALL-WEATHER

FIELD

№ 353-MX

Cord Dennig

Cord Dennig
916 397-6413
dennig@geoconinc.com
Reward for Return

Name Cord Dennig

Address 1611 22nd Street, #2
Sacramento, CA 95816

Phone 916 397-6413
Email dennig@geoconinc.com

Projects DTSC Metal Shredding; Bakersfield,
Terminal Island, Redwood City

CONTENTS

PAGE	REFERENCE	DATE

10/9/16 SA Recycling, Bakersfield

0730 Pack and ship samples:

TSP, PM 2.5 and PM10 shipped to Chester LabNet, 12242 SW Garden Place, Tigard, OR 97223. Shipped overnight (cold). Summa canisters / regulators and asbestos shipped to EMSL New Jersey: EMSL Analytical, 200 Route 130 North, Cinnaminson, NJ 08077. Two-day shipping.

PCBs and Formaldehyde: Pick up by courier at Terminal Island

FedEx: 4001 Stockdale highway
Account #: 1773-1815-9

1000 Break down equipment for shipping, pack trailers, etc...
1530 Stop work.

10/10/16 SA RECYCLING, TERMINAL ISLAND

0630 MOVE TO SITE (CORD & SEAN) TO PICKUP EQUIPMENT TRAILERS & MOB TO SARTI. ARRIVED AT SARB FINISH SECURING EQUIPMENT PRIOR TO ROLL OFF. CORD TO SHIP TSP, PM, 2.5-10, Sample MEDIA TO CHESTER, OR.

0900 ROLL OFF TO SARTI

1230 ARRIVE AT SARTI FOR INITIAL SITE MEETING, SAFETY BRIEFING & OBSERVE SAMPLING LOCATIONS.

~1330 SETUP EQUIPMENT AT EACH SAMPLING LOCATION

1900 COMPLETED INITAL SETUP & OFFSITE

10/11/16 SA RECYCLING TERMINAL ISLAND (SART

0630 - Gord & Sean Mobilize to Site to complete equipment setup & perform calibrations

0700 - Arrive @ Site, continue setup and calibration.

Serial numbers:

Location	TSP 2554	Wilbur 2.5	Wilbur 10	Asbestos	Formaldehyde	PCBs
SART1 1	2117~~2114~~/2556	0084/1799	0086/1794	PP-2LIV	P2	~~1094~~ 1063
SART1 2	2116/2553	0081/1795	0076/1803	P3	PP-1LIV	1088
SART1 3	2114/2556	0078/1802	0083/1800	P1	P2	1091
SART1 4	2058/1320	0080/1796	0082/1797	P4	P1	1077
SART1 5	2115/2555	0077/1801	0085/1798	PP-4LIV	PP-3LIV	~~2115~~ 1056

Calibration: Temp 17°C, Barometer 30.23"

		Slope	Intercept	R-Value	Flow
SART1	Wilbur 2.5	1.003	-0.045	1.00000	16.67
	10	1.002	-0.038	1.00001	16.67 lpm
SART2	Wilbur 2.5	0.994	0.095	0.99999	16.67 lpm
	10	0.996	0.061	1.00000	16.67 lpm
SART3	Wilbur 2.5	1.000	0.005	0.99996	16.68 lpm
	10	0.999	0.013	0.99995	16.68 lpm
SART4	Wilbur 2.5	0.998	0.027	0.99997	16.67 lpm
	10	0.999	0.023	0.99996	16.67 lpm
SART5	Wilbur 2.5	0.995	0.079	1.00002	16.67 lpm
	10	0.995	0.086	1.00001	16.67 lpm

Wilbur leak tests: All Units passed.

Pumps:	Asbestos	Formaldehyde
SART1 1	2.5 lpm Indicated / 2.0 lpm Rotometer	0.9 lpm Indic. / Roto. 1.0 lpm
SART1 2	2.6 lpm Indic / 2.0 lpm Roto	0.6 lpm Indic / Roto 1.0 lpm
SART1 3	2.5 lpm Indic / 2.0 lpm Roto	0.5 lpm Indic / Roto 1.0 lpm
SART1 4	3.0 lpm Indic / 2.0 lpm Roto	0.6 lpm Indic / Roto 1.0 lpm
SART1 5	2.7 lpm Indic / 2.0 lpm Roto	0.7 lpm Indic / Roto 1.0 lpm

Equipment Hours)

	TSP T1 / PCB T1	TSP T2 / PCB T2	TSP T3 / PCB T3
SARTI1	92.35 / 19906.11	116.48 / 19930.19	140.46 / 19954.16
SARTI2	88.08 / 2611.04	112.36 ~~112.66~~ / ~~8~~ 2635.33	124.04 / 2659.30
SARTI3	88.60 / 547.13	112.66 / 571.28	136.68 / 586.60
SARTI4	1030.22 / 8932.47	1054.23 / 8956.40	1078.19 / 8980.44
SARTI5	64.59 / 1892.09	64.19 ~~[illegible]~~ / ~~2635.34~~ 1892.09	88.65 / 1892.09

Stalled?

Media Serial #S:

SARTI T1:	TSP	PM2.5	PM10	Asbestos	Formaldehyde	PCBs	TO15	Start/Stop Date/Time
SARTI1	16-Q789	220297424	220297413	CS156357		021B	0397	10/11/16 1450-1730
SARTI2	16-Q787	220297422	220297423	CS156358		034B	~~04~~0470	1515-1815
SARTI3	16-Q786	220297429	220297428	CS156360		068B	0347	1525-1825
SARTI4	16-Q803	220297427	220297426	CS156359		069B	15310	1505-1805
SARTI5	—	—	—	—		—	—	—
BLANKS:	16-Q788	220297425	220297412	—		—	—	—
FIELD BLANKS:	SARTI1-T1-TSP-FB	SARTI2-T1-PM2.5-FB	SARTI1-T1-PM10-FB					

SARTI T2:	TSP	PM2.5	PM10	Asbestos	Formaldehyde	PCBs	TO15	1500 Start/Stop
SARTI1:	16-Q795	220297445	220297446	CS156374		024B	0401	1630-
SARTI2:	16-Q793	220297442	220297419	CS156376		070	0468	1715-
SARTI3:	16-Q797	220297443	220297444	CS156375		020B	0437	1700
SARTI4:	16-Q791	220297416	220297415	CS156378		023B	15349	1645-
SARTI5:	16-Q792	220297420	220297414	CS156377		025	12280	1715-
BLANKS:	16-Q790	202297417	220297418	—	—	—		—
FIELD BLANKS:	SARTI4-T2-TSP-FB	SARTI4-T2-PM2.5-FB	SARTI4-T2-PM10-FB	—	—	—		1700

SARTI T3:	TSP	PM2.5	PM10	Asbestos	Formaldehyde	PCBs	TO15	Start/Stop
SARTI1	16-Q794	220297449	220297448	CS156373		047B	0508	1930-1930
SARTI2	16-Q798	220297447	220297436	CS156371		022B	0562	1915-
SARTI3	16-Q799	220297437	220297438	CS156369		071B	0609	1910-
SARTI4	16-Q800	220297432	220297433	CS156372		067B	0669	1922-
SARTI5	16-Q801	220297434	220297435	CS156370		072B	0515	1915
NO FIELD BLANKS	—	—	—	—		—	—	=
TRIP BLANKS:	16-Q802	220297203	220297204	CS156379		048B	—	0800

TO15 Regulator #s: | TSP Dirty Filter Flow:

	T1	T2	T3		
SARTI 1	8046 /	7980 /	8072	SARTI1:	23.1"
SARTI2	8065 /	8043 /	7876	SARTI2:	23.4"
SARTI3	8056 /	7967 /	7872	SARTI3:	23.6"
SARTI4	8052 /	4324 /	7877	SARTI4:	23.2"
SARTI5	— /	8067 /	8066	SARTI5:	25.6"

TO15/TO5 Initial/Final Vacuum

	T1	T2	T3
SARTI1	29/4	730/11	30/3 at 1230
SARTI2	30/5	30/2	730/8
SARTI3	730/7	730/8	29/5
SARTI4	29/6	730/4	29/4
SARTI5	— /	730/8	730/6

TO15 Serial #s:

	T1	T2	T3
SARTI1	0397	0401	0508
SARTI2	0470	0468	0562
SARTI3	0347	0437	0609
SARTI4	15310	15349	0669
SARTI5	—	12280	0515

Weather: 68°F, 30.25" Baro, Wind 6 mph SSE

OFF SITE @ 4:30 PM

RETURN TO SITE @ 2000 TO PERFORM OBSERVATIONAL CHECK OF EQUIPMENT OPERATION. NO DEFECTS NOTED

OFFSITE: 2000 WILL RETURN @ 0830 10/12

10/12/16 SARTI

0800-Mob to Site to Perform 12-hr Observational Equipment operation check.

0930-Stop Work.

10/12/16, Terminal Island, Continued

1300 Mobilize to site, prep for T1-T2 changeover.
Weather: 69°F, 30.20" Barometer
Wind 5 mph S/SW

1630 Finish setting up and starting T2 sampling run, demobilize.
1730 Paperwork, etc...
1830 Stop work.

~~2000~~ 2200 Mobilize to site, check equipment, Generator will need fuel tomorrow. Demobilize.
2330 Stop work.

10/13/16, Terminal Island

1000 Mobilize to site,
1030 ONSITE TO PERFORM VISUAL OPERATION CHECK OF SAMPLING EQUIPMENT
1050 PCB SAMPLER WAS SWITCHED OFF AT TIMER BOX AT SARTI 3 RESTARTED EQUIPMENT, FIXED TIMER PROBLEM. LOST 10-12 hours of data ~~overnight~~ late night/early morning.
11:00 TSP SAMPLER AT SARTI 2 WAS SWITCHED OFF AT TIMER BOX, TIMER PROBLEM. RESTARTED TSP SAMPLER Form. Pumps At SARTI 2 ~~and 5 and Asbestos Pump~~ WERE NOT OPERATING. AND Asbestos Pump @ SARTI 5 NOT OPERATING. FIXED TIMER PROBLEM ON TSP, CHANGED BATTERIES ON FORM/ASBESTOS PUMPS, REPAIRED CHARGERS,
1200 Demobilize.
1230 Stop work.

1530 Mobilize to site, T2-T3 media changeover.
Weather: 70°F, 30.15" Baro, Wind 5 mph from NW
1930 Finish T2-T3 changeover, demobilize.
2000 Stop work.

10/14/16 Terminal Island

0900 Mobilize to Site, check equipment.
Change batteries/chargers on Gil Air pumps as needed.

SART11-T3-TOS registered 7psi after 15 hours.
~~Summa canister capped and replaced with a second canister. Noted on COC~~, No replacement canister available. Run SART11-T3 terminated at 1230 at -3psi remaining.

1030 Sean demobilize and stop work, Cord write COCs/paperwork.
1300 Cord stop work.

1800 Cord mobilize to finish out T3 sampling, observe all machines running as intended. Collect sample media.
2200 Cord stop work.

10/15/16 Terminal Island

0800 Pack and ship samples, break down equipment, prep trailers, fuel trucks.
1530 Stop work.

10/16/16
0900 Mobilize to Sims Metal Management, Redwood City.
1600 Arrive at Sims, site walk with Melissa.
1700 Stop work.

TSP Calibration Worksheets

APPENDIX C

TE-5170V Sampler Calibration Worksheet
(Using G-Factor)

Site and Calibration Information

	Site		**Calibration Orifice**
Location:	Terminal Island, CA	**Make:**	Tisch Environmental
Date:	Oct 11, 2016	**Model:**	TE-5170V
Tech.:	Cord Dennig	**Serial:**	2491
Sampler:	TE-5170V	**Qa Slope (m):**	1.04105
Serial #:	2116/-2553	**Qa Int (b):**	-0.03172
VFC G-Factor:	0.0877268300	**Calibration due date:**	08/19/16

Ambient Conditions

Temp (deg F):	66.0		
Ta (deg K):	292	**Barometric Press (in Hg):**	30.25
Ta (deg C):	18.9	**Pa (mm Hg):**	768.4

Calibration Information

Run Number	Orifice "H2O	Qa m3/min	Sampler "H2O	Pf mm Hg	Po/Pa	Calculated m3/min	% of Diff
1	4.20	1.244	6.80	12.691	0.983	1.273	2.33
2	4.20	1.244	8.70	16.237	0.979	1.266	1.85
3	3.70	1.169	14.90	27.807	0.964	1.246	6.59
4	3.30	1.106	23.70	44.231	0.942	1.217	10.04
5	1.20	0.679	32.00	59.721	0.922	1.190	75.25

Calculate Total Air Volume Using G-Factor

Enter Average Temperature During Sampling Duration (Deg F)	66.00
Average Temperature During Sampling Duration (Deg K)	291.89
Enter Average Barometric Pressure During Sampling Duration (In Hg)	30.25
Average Barometric Pressure During Sampling (mm Hg)	768.35
Enter Clean Filter Sampler Inches of Water	22.70
Enter Dirty Filter Sampler Inches of Water	23.10
Average Filter Sampler (mm Hg)	42.74
Enter Total Runtime in Hours (xx.xx)	24.00
Po/Pa :	0.944
Calculated Flow Rate (m3/min):	1.220
Total Flow (m3):	1756.22

Calculations

Calibrator Flow (Qa) = 1/Slope*(SQRT(H20*(Ta/Pa))-Intercept)

Pressure Ratio (Po/Pa) = 1-Pf/Pa

% Difference = (Look Up Flow-Calibrator Flow)/Calibrator Flow*100

NOTE: Ensure calibration orifice has been certified within 12 months of use

TE-5170V Sampler Calibration Worksheet
(Using G-Factor)

Site and Calibration Information

	Site		**Calibration Orifice**
Location:	Terminal Island, CA	**Make:**	Tisch Environmental
Date:	Oct 11, 2016	**Model:**	TE-5170V
Tech.:	Cord Dennig	**Serial:**	2491
Sampler:	TE-5170V	**Qa Slope (m):**	1.04105
Serial #:	2116/-2553	**Qa Int (b):**	-0.03172
VFC G-Factor:	0.0877268300	**Calibration due date:**	08/19/16

Ambient Conditions

Temp (deg F):	66.0		
Ta (deg K):	292	**Barometric Press (in Hg):**	30.25
Ta (deg C):	18.9	**Pa (mm Hg):**	768.4

Calibration Information

Run Number	Orifice "H2O	Qa m3/min	Sampler "H2O	Pf mm Hg	Po/Pa	Calculated m3/min	% of Diff
1	4.20	1.244	6.80	12.691	0.983	1.273	2.33
2	4.00	1.215	9.00	16.796	0.978	1.265	4.20
3	3.80	1.185	15.40	28.741	0.963	1.244	5.07
4	3.00	1.056	32.00	59.721	0.922	1.190	12.69
5	1.20	0.679	32.00	59.721	0.922	1.190	75.25

Calculate Total Air Volume Using G-Factor

Enter Average Temperature During Sampling Duration (Deg F)	66.00
Average Temperature During Sampling Duration (Deg K)	291.89
Enter Average Barometric Pressure During Sampling Duration (In Hg)	30.25
Average Barometric Pressure During Sampling (mm Hg)	768.35
Enter Clean Filter Sampler Inches of Water	23.20
Enter Dirty Filter Sampler Inches of Water	23.40
Average Filter Sampler (mm Hg)	43.48
Enter Total Runtime in Hours (xx.xx)	24.00
Po/Pa :	0.943
Calculated Flow Rate (m3/min):	1.218
Total Flow (m3):	1754.32

Calculations

Calibrator Flow (Qa) = 1/Slope*(SQRT(H20*(Ta/Pa))-Intercept)

Pressure Ratio (Po/Pa) = 1-Pf/Pa

% Difference = (Look Up Flow-Calibrator Flow)/Calibrator Flow*100

NOTE: Ensure calibration orifice has been certified within 12 months of use

TE-5170V Sampler Calibration Worksheet
(Using G-Factor)

Site and Calibration Information

Site

Location: Terminal Island, CA
Date: Oct 11, 2016
Tech.: Cord Dennig
Sampler: TE-5170V
Serial #: 2116/-2553
VFC G-Factor: 0.0877268300

Calibration Orifice

Make: Tisch Environmental
Model: TE-5170V
Serial: 2491
Qa Slope (m): 1.04105
Qa Int (b): -0.03172
Calibration due date: 08/19/16

Ambient Conditions

Temp (deg F): 66.0
Ta (deg K): 292
Ta (deg C): 18.9
Barometric Press (in Hg): 30.25
Pa (mm Hg): 768.4

Calibration Information

Run Number	Orifice "H2O	Qa m3/min	Sampler "H2O	Pf mm Hg	Po/Pa	Calculated m3/min	% of Diff
1	4.20	1.244	6.80	12.691	0.983	1.273	2.33
2	4.00	1.215	9.00	16.796	0.978	1.265	4.20
3	3.80	1.185	15.40	28.741	0.963	1.244	5.07
4	3.00	1.056	32.00	59.721	0.922	1.190	12.69
5	1.20	0.679	32.00	59.721	0.922	1.190	75.25

Calculate Total Air Volume Using G-Factor

Enter Average Temperature During Sampling Duration (Deg F)	66.00
Average Temperature During Sampling Duration (Deg K)	291.89
Enter Average Barometric Pressure During Sampling Duration (In Hg)	30.25
Average Barometric Pressure During Sampling (mm Hg)	768.35
Enter Clean Filter Sampler Inches of Water	23.20
Enter Dirty Filter Sampler Inches of Water	23.40
Average Filter Sampler (mm Hg)	43.48
Enter Total Runtime in Hours (xx.xx)	11.68
Po/Pa :	0.943
Calculated Flow Rate (m3/min):	1.218
Total Flow (m3):	853.77

Calculations

Calibrator Flow (Qa) = 1/Slope*(SQRT(H20*(Ta/Pa))-Intercept)
Pressure Ratio (Po/Pa) = 1-Pf/Pa
% Difference = (Look Up Flow-Calibrator Flow)/Calibrator Flow*100

NOTE: Ensure calibration orifice has been certified within 12 months of use

TE-5170V Sampler Calibration Worksheet
(Using G-Factor)

Site and Calibration Information

Site

Location: Terminal Island, CA
Date: Oct 11, 2016
Tech.: Cord Dennig
Sampler: TE-5170V
Serial #: 2114-/2556
VFC G-Factor: 0.0890105900

Calibration Orifice

Make: Tisch Environmental
Model: TE-5170V
Serial: 2491
Qa Slope (m): 1.04105
Qa Int (b): -0.03172
Calibration due date: 08/19/16

Ambient Conditions

Temp (deg F): 63.0
Ta (deg K): 290
Ta (deg C): 17.2
Barometric Press (in Hg): 30.23
Pa (mm Hg): 767.8

Calibration Information

Run Number	Orifice "H2O	Qa m3/min	Sampler "H2O	Pf mm Hg	Po/Pa	Calculated m3/min	% of Diff
1	4.10	1.226	6.80	12.691	0.983	1.271	3.67
2	4.10	1.226	8.40	15.677	0.980	1.266	3.18
3	3.80	1.182	12.60	23.515	0.969	1.252	5.92
4	3.40	1.119	20.20	37.699	0.951	1.227	9.56
5	1.20	0.677	32.00	59.721	0.922	1.188	75.44

Calculate Total Air Volume Using G-Factor

Enter Average Temperature During Sampling Duration (Deg F)	63.00
Average Temperature During Sampling Duration (Deg K)	290.22
Enter Average Barometric Pressure During Sampling Duration (In Hg)	30.23
Average Barometric Pressure During Sampling (mm Hg)	767.84
Enter Clean Filter Sampler Inches of Water	22.90
Enter Dirty Filter Sampler Inches of Water	23.60
Average Filter Sampler (mm Hg)	43.39
Enter Total Runtime in Hours (xx.xx)	24.00
Po/Pa :	0.943
Calculated Flow Rate (m3/min):	1.217
Total Flow (m3):	1752.07

Calculations

Calibrator Flow (Qa) = 1/Slope*(SQRT(H20*(Ta/Pa))-Intercept)
Pressure Ratio (Po/Pa) = 1-Pf/Pa
% Difference = (Look Up Flow-Calibrator Flow)/Calibrator Flow*100

NOTE: Ensure calibration orifice has been certified within 12 months of use

TE-5170V Sampler Calibration Worksheet
(Using G-Factor)

Site and Calibration Information

Site		**Calibration Orifice**	
Location:	Terminal Island, CA	**Make:**	Tisch Environmental
Date:	Oct 11, 2016	**Model:**	TE-5170V
Tech.:	Cord Dennig	**Serial:**	2491
Sampler:	TE-5170V	**Qa Slope (m):**	1.04105
Serial #:	2058/-1320	**Qa Int (b):**	-0.03172
VFC G-Factor:	0.0898050500	**Calibration due date:**	08/19/16

Ambient Conditions

Temp (deg F):	64.0		
Ta (deg K):	291	**Barometric Press (in Hg):**	30.25
Ta (deg C):	17.8	**Pa (mm Hg):**	768.4

Calibration Information

Run Number	Orifice "H2O	Qa m3/min	Sampler "H2O	Pf mm Hg	Po/Pa	Calculated m3/min	% of Diff
1	4.20	1.241	6.80	12.691	0.983	1.273	2.50
2	4.20	1.241	8.70	16.237	0.979	1.267	2.01
3	3.70	1.167	14.90	27.807	0.964	1.246	6.77
4	3.30	1.104	23.70	44.231	0.942	1.217	10.24
5	1.20	0.678	32.00	59.721	0.922	1.190	75.54

Calculate Total Air Volume Using G-Factor

Enter Average Temperature During Sampling Duration (Deg F)	64.00
Average Temperature During Sampling Duration (Deg K)	290.78
Enter Average Barometric Pressure During Sampling Duration (In Hg)	30.25
Average Barometric Pressure During Sampling (mm Hg)	768.35
Enter Clean Filter Sampler Inches of Water	22.70
Enter Dirty Filter Sampler Inches of Water	23.20
Average Filter Sampler (mm Hg)	42.83
Enter Total Runtime in Hours (xx.xx)	24.00
Po/Pa :	0.944
Calculated Flow Rate (m3/min):	1.220
Total Flow (m3):	1756.37

Calculations

Calibrator Flow (Qa) = 1/Slope*(SQRT(H20*(Ta/Pa))-Intercept)

Pressure Ratio (Po/Pa) = 1-Pf/Pa

% Difference = (Look Up Flow-Calibrator Flow)/Calibrator Flow*100

NOTE: Ensure calibration orifice has been certified within 12 months of use

TISCH Environmental

TE-5170V Sampler Calibration Worksheet
(Using G-Factor)

Site and Calibration Information

	Site		**Calibration Orifice**
Location:	Terminal Island, CA	**Make:**	Tisch Environmental
Date:	Oct 11, 2016	**Model:**	TE-5170V
Tech.:	Cord Dennig	**Serial:**	2491
Sampler:	TE-5170V	**Qa Slope (m):**	1.04105
Serial #:	2115/-2555	**Qa Int (b):**	-0.03172
VFC G-Factor:	0.0834283100	**Calibration due date:**	08/19/16

Ambient Conditions

Temp (deg F):	66.0		
Ta (deg K):	292	**Barometric Press (in Hg):**	30.25
Ta (deg C):	18.9	**Pa (mm Hg):**	768.4

Calibration Information

Run Number	Orifice "H2O	Qa m3/min	Sampler "H2O	Pf mm Hg	Po/Pa	Calculated m3/min	% of Diff
1	4.50	1.286	7.20	13.437	0.983	1.266	-1.55
2	4.40	1.272	9.80	18.289	0.976	1.258	-1.18
3	4.10	1.229	18.00	33.593	0.956	1.231	0.08
4	3.70	1.169	32.00	59.721	0.922	1.185	1.37
5	1.50	0.756	32.00	59.721	0.922	1.185	56.78

Calculate Total Air Volume Using G-Factor

Enter Average Temperature During Sampling Duration (Deg F)	66.00
Average Temperature During Sampling Duration (Deg K)	291.89
Enter Average Barometric Pressure During Sampling Duration (In Hg)	30.25
Average Barometric Pressure During Sampling (mm Hg)	768.35
Enter Clean Filter Sampler Inches of Water	24.80
Enter Dirty Filter Sampler Inches of Water	25.60
Average Filter Sampler (mm Hg)	47.03
Enter Total Runtime in Hours (xx.xx)	24.00

Po/Pa : 0.939

Calculated Flow Rate (m3/min): 1.207

Total Flow (m3): 1738.30

Calculations

Calibrator Flow (Qa) = 1/Slope*(SQRT(H20*(Ta/Pa))-Intercept)

Pressure Ratio (Po/Pa) = 1-Pf/Pa

% Difference = (Look Up Flow-Calibrator Flow)/Calibrator Flow*100

NOTE: Ensure calibration orifice has been certified within 12 months of use

Sampling Summary, Data Log, and Alarm Log - PM$_{10}$ Sampling Equipment

APPENDIX D

Project Na	TE-Wilbur :	4.91
File Type	Data Log Data	
Channel No		2
Source	D 12500	
Sampling N	Event Bit	
Device	M 687	
SARTI2 PM10		

Sample Su	Filter ID	Site ID	S/N	Min Tamb	Max Tamb	Avg Tamb	Start Tamb	End Tamb	Min Pamb	Max Pamb	Avg Pamb	Start Pamb	End Pamb	Total Samp	Volume	Max CV	Max Tdiff	Avg Flow R	Min Tf	Max Tf	Avg Tf	Start Date	Start Time	Sample Wa
10/12/201	2.2E+08	20102010	76	15.5	22.49999	18.99999	22.3	20.9	761	763.8	762.4	761	762.1	24	24.0012	0.16621	4.7	16.6675	16.6	25.1	20.85	10112016	1517	0
10/13/201	2.2E+08	20202010	76	15.5	23.8	19.65	19.3	19.49999	760.1	763.3	761.7	761.5	760.1	24	24.00113	0.16125	4.6	16.66745	16.3	26	21.15	10122016	1715	0
10/14/201	2.2E+08	20302010	76	15.59999	23.4	19.5	17.4	17.8	759.9	762.6	761.25	760.2	760.1	24.00027	24.0025	0.18187	4.3	16.66821	16.7	26	21.35	10132016	1915	0

Project Name TE-Wilbur ‹ 4.91
File Type Data Log Data

Channel No. 2
Source D 12500
Sampling Method Event Bit
Device M 687
SARTI4 PM10

Sample Summary	Filter ID	Site ID	S/N	Min Tamb	Max Tamb	Avg Tamb	Start Tamb	End Tamb	Min Pamb	Max Pamb	Avg Pamb	Start Pamb	End Pamb	Total Samp	Volume	Max CV	Max Tdiff	Avg Flow R	Min Tf	Max Tf	Avg Tf	Start Date	Start Time	Sample Wa
10/12/2016 15:05:10	2.2E+08	20104010	82	15.7	23.5	19.6	22.3	20.2	761.4	763.9	762.65	761.7	761.9	24	24.00178	0.26725	4.59999	16.6679	16.69999	25.59999	21.14999	10112016	1505	0
10/13/2016 16:45:09	2.2E+08	20204010	82	15.6	25.5	20.55	20	21.2	760.4	763.4	761.9	761.5	760.4	23.99972	24.00614	0.90883	7.8	16.67113	16.3	28.8	22.55	10122016	1645	0
10/14/2016 19:22:11	2.2E+08	20304010	82	16	26.6	21.3	18	18	759.8	762.6	761.2	760.3	760.3	23.99972	24.00456	0.55367	6.29999	16.67003	16.9	28.19999	22.55	10132016	1922	0

Project Name	TE-Wilbur	4.91
File Type	Data Log Data	
Channel No.	2	
Source	D 12500	
Sampling Method	Event Bit	
Device	M 687	

SARTI3 PM10

Sample Summary	Filter ID	Site ID	S/N	Min Tamb	Max Tamb	Avg Tamb	Start Tamb	End Tamb	Min Pamb	Max Pamb	Avg Pamb	Start Pamb	End Pamb	Total Samp	Volume	Max CV	Max Tdiff	Avg Flow R	Min Tf	Max Tf	Avg Tf	Start Date	Start Time	Sample Wa
10/12/2016 15:25:11	2.2E+08	20103010	83	15.8	23.1	19.45	22.7	22.4	761.9	763.9	762.9	762.6	762.8	24.00055	24.00301	0.16719	5.6	16.66837	18	26.6	22.3	10112016	1525	0
10/13/2016 17:00:10	2.2E+08	20203010	83	15.8	24.2	20	21.4	21.4	761.2	763.6	762.4	762.2	761.2	24	24.00201	0.16535	5.4	16.66806	17.6	27.9	22.75	10122016	1700	0
10/14/2016 19:10:12	2.2E+08	20303010	83	16.1	24.8	20.45	18.4	18	760.9	763.3	762.1	761	761.1	24.00055	24.00159	0.1387	5.1	16.66739	18.3	27.9	23.1	10132016	1910	0

Project Name	TE-Wilbur sc	4.91
File Type	Data Log Data	

Channel No.	2
Source	D 12500
Sampling Method	Event Bit
Device	M 687
SARTI5 PM10	

Sample Summary	Filter ID	Site ID	S/N	Min Tamb	Max Tamb	Avg Tamb	Start Tamb	End Tamb	Min Pamb	Max Pamb	Avg Pamb	Start Pamb	End Pamb	Total Samp	Volume	Max CV	Max Tdiff	Avg Flow R	Min Tf	Max Tf	Avg Tf	Start Date	Start Time	Sample Warning
10/11/2016 15:15:53	220297190	10304010	85	21.8	22.1	21.95	21.8	21.9	760.9	761	760.95	760.9	760.9	0.01194	0.01131	0.1677	1.9	15.78577	23.7	23.9	23.8	10112016	1515	0
10/13/2016 17:15:11	220297414	20205010	85	15.7	23.7	19.7	19.7	19.9	760.4	763.6	762	761.1	760.4	24	24.00191	0.18028	4.09999	16.66799	15.7	26	20.85	10122016	1715	0
10/14/2016 19:15:11	220297435	20305010	85	15.9	23.5	19.7	17.7	18.1	760	763	761.5	760.1	760.2	24	24.00148	0.14873	3.99999	16.66769	16.1	26.2	21.15	10132016	1915	0

Project Name	TE-Wilbur s	4.91
File Type	Data Log Data	
Channel No.	2	
Source	D 12500	
Sampling Method	Event Bit	
Device	M 687	
SARTI1 PM10		

Sample Summary	Filter ID	Site ID	S/N	Min Tamb	Max Tamb	Avg Tamb	Start Tamb	End Tamb	Min Pamb	Max Pamb	Avg Pamb	Start Pamb	End Pamb	Total Samp	Volume	Max CV	Max Tdiff	Avg Flow R	Min Tf	Max Tf	Avg Tf	Start Date	Start Time	Sample Wa
10/11/2016 13:46:17	2.2E+08	10301010	86	29.6	29.9	29.75	29.6	29.9	749.5	759.3	754.4	749.5	759.3	0.01694	0.01656	0.63918	0.5	16.28783	29.9	30.1	30	10102016	1425	0
10/11/2016 14:30:20	2.2E+08	20101010	86	22.1	22.1	22.1	22.1	22.1	762.3	762.3	762.3	762.3	762.3	0.00277	0.00229	0.63918	2.99999	13.75097	25.1	25.1	25.1	10112016	1430	0
10/11/2016 14:34:20	2.2E+08	20101010	86	22.1	22.1	22.1	22.1	22.1	762.3	762.3	762.3	762.3	762.3	0.00277	0.00224	0.63918	3.09999	13.48309	25.2	25.2	25.2	10112016	1434	0
10/11/2016 14:36:20	2.2E+08	20101010	86	22.1	22.1	22.1	22.1	22.1	762.3	762.3	762.3	762.3	762.3	0.00277	0.00215	0.63918	3.09999	12.9476	25.2	25.2	25.2	10112016	1436	0
10/11/2016 14:38:20	2.2E+08	20101010	86	22.1	22.1	22.1	22.1	22.1	762.3	762.3	762.3	762.3	762.3	0.00277	0.00224	0.63918	3.09999	13.46142	25.2	25.2	25.2	10112016	1438	0
10/11/2016 14:40:21	2.2E+08	20101010	86	22.1	22.1	22.1	22.1	22.1	762.3	762.3	762.3	762.3	762.3	0.00277	0.00216	0.63918	3.09999	13.00275	25.2	25.2	25.2	10112016	1440	0
10/11/2016 14:42:47	2.2E+08	20101010	86	22.1	22.1	22.1	22.1	22.1	762.3	762.4	762.35	762.3	762.4	0.01027	0.00957	0.63918	3.09999	15.5229	25.2	25.2	25.2	10112016	1442	0
10/11/2016 14:44:20	2.2E+08	20101010	86	22.1	22.1	22.1	22.1	22.1	762.3	762.3	762.3	762.3	762.3	0.00277	0.00225	0.63918	2.99999	13.50673	25.1	25.1	25.1	10112016	1444	0
10/11/2016 14:45:20	2.2E+08	20101010	86	22.1	22.1	22.1	22.1	22.1	762.3	762.3	762.3	762.3	762.3	0.00277	0.00225	0.63918	3.09999	13.52248	25.1	25.2	25.15	10112016	1445	0
10/12/2016 14:51:10	2.2E+08	20101010	86	14	22.4	18.2	22.4	18.9	765.3	767.4	766.35	765.3	765.9	24	24.00114	0.16485	5.7	16.66746	17.2	25.6	21.4	10112016	1451	0
10/13/2016 16:31:12	2.2E+08	20201010	86	13.5	24.7	19.1	18.7	21.1	764.5	767	765.75	765.4	764.6	24.00055	24.00173	0.63053	6.4	16.66748	16.2	27.8	22	10122016	1631	0
10/14/2016 19:30:11	2.2E+08	20301010	86	14.1	24.9	19.5	15.8	16.5	764	766.2	765.1	764	764.2	24	24.00382	0.65882	6.4	16.66932	17.5	27.7	22.6	10132016	1930	0

Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Data Log Data	
Channel No.		1
Source	D 12000	
Sampling Method	Event Bit	
Device	M 972	
SARTI2 PM10		

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 10:46:47	0	0	0	749.5	749.5	749.5	26.38632	26.5	26.3
10/11/2016 10:51:47	0	0	0	759.845	762.8	749.5	21.31796	26.3	21.1
10/11/2016 10:56:47	0	0	0	762.8788	763	762.8	21.29396	21.5	21.2
10/11/2016 11:01:47	0	0	0	763.0154	763.1	763	21.51072	21.6	21.4
10/11/2016 11:06:47	0	0	0	763.1	763.1	763.1	21.60403	21.7	21.5
10/11/2016 11:11:47	0	0	0	763.2265	763.3	763.2	21.81742	22.1	21.7
10/11/2016 11:16:47	0	0	0	763.2265	763.3	763.2	21.81742	22.1	21.7
10/11/2016 11:21:47	0	0	0	763.3	763.3	763.3	22.07046	22.1	21.8
10/11/2016 11:26:47	0	0	0	763.3	763.3	763.3	22.1369	22.2	22.1
10/11/2016 11:31:47	0	0	0	763.299	763.3	763.2	22.26672	22.4	22.2
10/11/2016 11:36:47	0	0	0	763.3	763.3	763.3	22.57785	22.7	22.4
10/11/2016 11:41:47	5.35002	18.33247	0	763.0841	763.1	763	21.65741	21.7	21.6
10/11/2016 11:46:47	5.35002	18.33247	0	763.0841	763.1	763	21.65741	21.7	21.6
10/11/2016 11:51:47	0	0	0	763.1	763.1	763.1	21.65301	21.7	21.6
10/11/2016 11:56:47	0	0	0	763.1063	763.2	763.1	21.61342	21.7	21.6
10/11/2016 12:01:47	0	0	0	763.1275	763.2	763.1	21.61343	21.7	21.6
10/11/2016 12:06:47	0	0	0	763.1	763.1	763.1	21.5698	21.6	21.5
10/11/2016 12:11:47	0	0	0	763.1	763.1	763.1	21.57986	21.6	21.5
10/11/2016 12:16:47	0	0	0	763.1	763.1	763.1	21.58658	21.7	21.5
10/11/2016 15:20:31	0	0	0	763.1	763.1	763.1	21.58658	21.7	21.5
10/11/2016 15:25:31	16.672	16.68809	16.6462	761.2598	761.3	761.2	24.95845	25.1	24.7
10/11/2016 15:30:31	16.67492	16.69641	16.65187	761.3537	761.4	761.3	24.90603	25	24.7
10/11/2016 15:35:31	16.67492	16.69641	16.65187	761.3537	761.4	761.3	24.90603	25	24.7
10/11/2016 15:40:31	16.67401	16.70412	16.64748	761.5214	761.6	761.5	24.83356	25	24.7
10/11/2016 15:45:31	16.67401	16.70412	16.64748	761.5214	761.6	761.5	24.83356	25	24.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 15:50:31	16.67437	16.69769	16.65458	761.5537	761.6	761.5	24.87919	25	24.7
10/11/2016 15:55:31	16.67346	16.69257	16.65299	761.6933	761.8	761.6	24.96306	25	24.7
10/11/2016 16:00:31	16.67363	16.70027	16.6444	761.7819	761.8	761.7	24.72954	25	24.6
10/11/2016 16:05:31	16.6749	16.70147	16.64988	761.8181	761.9	761.8	24.48993	24.6	24.4
10/11/2016 16:10:31	16.6749	16.70147	16.64988	761.8181	761.9	761.8	24.48993	24.6	24.4
10/11/2016 16:15:31	16.67508	16.70608	16.6537	761.891	761.9	761.8	24.07916	24.2	24
10/11/2016 16:20:31	16.67508	16.70608	16.6537	761.891	761.9	761.8	24.07916	24.2	24
10/11/2016 16:25:31	16.67662	16.70191	16.65939	761.9	761.9	761.9	23.89596	24	23.6
10/11/2016 16:30:31	16.67555	16.6931	16.66136	761.9668	762	761.9	23.59128	23.9	23.5
10/11/2016 16:35:31	16.67469	16.69466	16.6515	761.9849	762	761.9	23.43958	23.5	23.3
10/11/2016 16:40:31	16.67702	16.71693	16.66043	761.9584	762	761.9	23.06376	23.2	22.9
10/11/2016 16:45:31	16.67437	16.69116	16.64954	761.8534	761.9	761.8	22.98993	23	22.9
10/11/2016 16:50:31	16.67437	16.69116	16.64954	761.8534	761.9	761.8	22.98993	23	22.9
10/11/2016 16:55:31	16.67373	16.69944	16.65472	761.8688	761.9	761.8	22.96642	23	22.9
10/11/2016 17:00:31	16.67488	16.6971	16.65313	761.8725	761.9	761.8	22.77246	22.9	22.6
10/11/2016 17:05:31	16.67715	16.70856	16.65212	761.7688	761.9	761.7	22.43895	22.7	22.3
10/11/2016 17:10:31	16.67575	16.69625	16.65121	761.7614	761.8	761.7	22.13626	22.2	22
10/11/2016 17:15:31	16.67575	16.69625	16.65121	761.7614	761.8	761.7	22.13626	22.2	22
10/11/2016 17:20:31	16.67573	16.68862	16.6534	761.7141	761.8	761.7	22.08393	22.2	22
10/11/2016 17:25:31	16.67249	16.69111	16.65021	761.6896	761.7	761.6	22.03959	22.1	22
10/11/2016 17:30:31	16.67535	16.68948	16.64769	761.6789	761.7	761.6	21.89592	22	21.7
10/11/2016 17:35:31	16.67446	16.70339	16.65431	761.699	761.7	761.6	21.74497	22	21.7
10/11/2016 17:40:31	16.67446	16.70339	16.65431	761.699	761.7	761.6	21.74497	22	21.7
10/11/2016 17:45:31	16.67378	16.70339	16.66249	761.6577	761.7	761.6	21.70269	21.8	21.6
10/11/2016 17:50:31	16.67317	16.69617	16.65126	761.7466	761.8	761.6	21.64027	21.7	21.5
10/11/2016 17:55:31	16.67581	16.69887	16.65397	761.6786	761.8	761.6	21.34504	21.6	21.1
10/11/2016 18:00:31	16.67342	16.69532	16.65228	761.5322	761.6	761.5	20.90268	21	20.6
10/11/2016 18:05:31	16.67342	16.69532	16.65228	761.5322	761.6	761.5	20.90268	21	20.6
10/11/2016 18:10:31	16.67432	16.6892	16.65058	761.6315	761.7	761.6	20.41275	20.5	20.3
10/11/2016 18:15:31	16.67432	16.6892	16.65058	761.6315	761.7	761.6	20.41275	20.5	20.3
10/11/2016 18:20:31	16.67651	16.69724	16.65412	761.7	761.7	761.7	20.28992	20.4	20.2
10/11/2016 18:25:31	16.67225	16.69148	16.65241	761.7	761.7	761.7	20.03888	20.3	19.9
10/11/2016 18:30:31	16.67476	16.69772	16.66445	761.7	761.7	761.7	19.70668	19.9	19.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 18:35:31	16.67476	16.69772	16.66445	761.7	761.7	761.7	19.70668	19.9	19.6
10/11/2016 18:40:31	16.67375	16.69372	16.64138	761.6799	761.7	761.6	19.34363	19.4	19.3
10/11/2016 18:45:31	16.67375	16.69372	16.64138	761.6799	761.7	761.6	19.34363	19.4	19.3
10/11/2016 18:50:31	16.67305	16.69195	16.64718	761.7	761.7	761.7	19.21272	19.3	19.1
10/11/2016 18:55:31	16.67558	16.69195	16.66668	761.7	761.7	761.7	18.96301	19.1	18.8
10/11/2016 19:00:31	16.67558	16.69195	16.66668	761.7	761.7	761.7	18.96301	19.1	18.8
10/11/2016 19:05:31	16.67797	16.69415	16.65913	761.6	761.6	761.6	18.68321	18.8	18.6
10/11/2016 19:10:31	16.67797	16.69415	16.65913	761.6	761.6	761.6	18.68321	18.8	18.6
10/11/2016 19:15:31	16.67451	16.6999	16.65159	761.6688	761.7	761.6	18.53624	18.6	18.4
10/11/2016 19:20:31	16.67451	16.6999	16.65159	761.6688	761.7	761.6	18.53624	18.6	18.4
10/11/2016 19:25:31	16.67565	16.6999	16.65914	761.698	761.7	761.6	18.44967	18.5	18.4
10/11/2016 19:30:31	16.67119	16.68835	16.65914	761.609	761.7	761.6	18.37313	18.4	18.2
10/11/2016 19:35:31	16.67221	16.68838	16.66133	761.6	761.6	761.6	18.2604	18.4	18.2
10/11/2016 19:40:31	16.67128	16.68081	16.66133	761.6	761.6	761.6	18.2	18.2	18.2
10/11/2016 19:45:31	16.67401	16.68835	16.66133	761.6366	761.7	761.6	18.17646	18.2	18
10/11/2016 19:50:31	16.67794	16.68835	16.66311	761.7	761.7	761.7	18.06302	18.2	18
10/11/2016 19:55:31	16.67729	16.69016	16.66091	761.7336	761.8	761.7	17.96308	18	17.9
10/11/2016 20:00:31	16.67729	16.69016	16.66091	761.7336	761.8	761.7	17.96308	18	17.9
10/11/2016 20:05:31	16.67629	16.69589	16.66668	761.7879	761.8	761.7	17.92682	18	17.9
10/11/2016 20:10:31	16.67664	16.6977	16.66668	761.8	761.8	761.8	17.89663	17.9	17.8
10/11/2016 20:15:31	16.67652	16.6977	16.66091	761.8	761.8	761.8	17.89328	17.9	17.8
10/11/2016 20:20:31	16.67685	16.6999	16.66091	761.7513	761.8	761.7	17.8832	17.9	17.6
10/11/2016 20:25:31	16.67704	16.6999	16.66311	761.7	761.7	761.7	17.86849	17.9	17.6
10/11/2016 20:30:31	16.67377	16.69231	16.66311	761.7	761.7	761.7	17.68254	17.9	17.6
10/11/2016 20:35:31	16.67377	16.69231	16.66311	761.7	761.7	761.7	17.68254	17.9	17.6
10/11/2016 20:40:31	16.67363	16.68835	16.6613	761.7	761.7	761.7	17.63354	17.8	17.6
10/11/2016 20:45:31	16.67471	16.68615	16.66091	761.797	761.8	761.7	17.59326	17.6	17.5
10/11/2016 20:50:31	16.67334	16.68258	16.67064	761.7845	761.8	761.7	17.58726	17.6	17.5
10/11/2016 20:55:31	16.67334	16.68258	16.67064	761.7845	761.8	761.7	17.58726	17.6	17.5
10/11/2016 21:00:31	16.67402	16.68478	16.65954	761.6826	761.7	761.6	17.58654	17.8	17.5
10/11/2016 21:05:31	16.67402	16.68478	16.65954	761.6826	761.7	761.6	17.58654	17.8	17.5
10/11/2016 21:10:31	16.674	16.68478	16.6653	761.6	761.6	761.6	17.53022	17.6	17.5
10/11/2016 21:15:31	16.674	16.68478	16.6653	761.6	761.6	761.6	17.53022	17.6	17.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 21:20:31	16.67192	16.68653	16.6613	761.6708	761.7	761.6	17.52953	17.6	17.5
10/11/2016 21:25:31	16.67535	16.68829	16.65911	761.7678	761.8	761.7	17.50671	17.6	17.4
10/11/2016 21:30:31	16.67692	16.69048	16.65911	761.7795	761.8	761.7	17.48322	17.5	17.4
10/11/2016 21:35:31	16.67569	16.68829	16.65114	761.8131	761.9	761.8	17.42281	17.5	17.4
10/11/2016 21:40:31	16.67443	16.68829	16.65691	761.8587	761.9	761.8	17.40337	17.5	17.3
10/11/2016 21:45:31	16.67443	16.68829	16.65691	761.8587	761.9	761.8	17.40337	17.5	17.3
10/11/2016 21:50:31	16.67111	16.69003	16.65903	761.9	761.9	761.9	17.34966	17.4	17.3
10/11/2016 21:55:31	16.67111	16.69003	16.65903	761.9	761.9	761.9	17.34966	17.4	17.3
10/11/2016 22:00:31	16.67687	16.69755	16.65106	762	762	762	17.30672	17.4	17.3
10/11/2016 22:05:31	16.67726	16.69755	16.65684	762	762	762	17.27988	17.3	17
10/11/2016 22:10:31	16.67726	16.69755	16.65684	762	762	762	17.27988	17.3	17
10/11/2016 22:15:31	16.67669	16.69755	16.65684	762	762	762	17.28321	17.3	17.2
10/11/2016 22:20:31	16.67751	16.69755	16.65684	762	762	762	17.27315	17.3	17
10/11/2016 22:25:31	16.67686	16.68783	16.66077	762	762	762	17.2428	17.3	17
10/11/2016 22:30:31	16.67778	16.69755	16.66839	761.997	762	761.9	17.21345	17.3	17
10/11/2016 22:35:31	16.67742	16.69755	16.66077	762	762	762	17.19663	17.3	17
10/11/2016 22:40:31	16.67742	16.69755	16.66077	762	762	762	17.19663	17.3	17
10/11/2016 22:45:31	16.67642	16.69755	16.65684	762.0175	762.1	762	17.14968	17.3	17
10/11/2016 22:50:31	16.67695	16.69755	16.65684	762.002	762.1	762	17.10533	17.3	17
10/11/2016 22:55:31	16.67459	16.69349	16.65858	762.0684	762.1	762	17.01343	17.2	17
10/11/2016 23:00:31	16.67459	16.69349	16.65858	762.0684	762.1	762	17.01343	17.2	17
10/11/2016 23:05:31	16.67619	16.69349	16.65858	762.0922	762.1	762	16.98653	17.2	16.9
10/11/2016 23:10:31	16.67423	16.69349	16.66216	762.1013	762.2	762.1	16.97651	17	16.9
10/11/2016 23:15:31	16.67268	16.69315	16.65638	762.199	762.2	762.1	16.93689	17	16.9
10/11/2016 23:20:31	16.67475	16.69522	16.65453	762.2305	762.3	762.2	16.91942	17	16.9
10/11/2016 23:25:31	16.67475	16.69522	16.65453	762.2305	762.3	762.2	16.91942	17	16.9
10/11/2016 23:30:31	16.67488	16.69881	16.65812	762.3	762.3	762.3	16.90672	17	16.8
10/11/2016 23:35:31	16.67357	16.68331	16.6639	762.3	762.3	762.3	16.90336	17	16.9
10/11/2016 23:40:31	16.67417	16.68723	16.66204	762.3034	762.4	762.3	16.88316	16.9	16.7
10/11/2016 23:45:31	16.67417	16.68723	16.66204	762.3034	762.4	762.3	16.88316	16.9	16.7
10/11/2016 23:50:31	16.67569	16.69284	16.66376	762.3782	762.4	762.3	16.84616	16.9	16.7
10/11/2016 23:55:31	16.67343	16.6891	16.6617	762.3623	762.4	762.3	16.77069	16.9	16.7
10/12/2016 00:00:31	16.67343	16.6891	16.6617	762.3623	762.4	762.3	16.77069	16.9	16.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 00:05:31	16.67532	16.68723	16.65812	762.3	762.3	762.3	16.77404	16.9	16.7
10/12/2016 00:10:31	16.67374	16.68754	16.66423	762.2	762.2	762.2	16.74713	16.9	16.7
10/12/2016 00:15:31	16.67374	16.68754	16.66423	762.2	762.2	762.2	16.74713	16.9	16.7
10/12/2016 00:20:31	16.6748	16.68364	16.66814	762.1755	762.2	762.1	16.69998	16.7	16.6
10/12/2016 00:25:31	16.6748	16.68364	16.66814	762.1755	762.2	762.1	16.69998	16.7	16.6
10/12/2016 00:30:31	16.67466	16.68754	16.66814	762.1791	762.2	762.1	16.68649	16.7	16.6
10/12/2016 00:35:31	16.67466	16.68754	16.66814	762.1791	762.2	762.1	16.68649	16.7	16.6
10/12/2016 00:40:31	16.67418	16.68943	16.65453	762.2216	762.3	762.2	16.64378	16.7	16.6
10/12/2016 00:45:31	16.67372	16.69082	16.65014	762.4091	762.5	762.4	16.63033	16.7	16.6
10/12/2016 00:50:31	16.6763	16.69881	16.652	762.3441	762.4	762.3	16.65623	16.7	16.6
10/12/2016 00:55:31	16.6763	16.69881	16.652	762.3441	762.4	762.3	16.65623	16.7	16.6
10/12/2016 01:00:31	16.67784	16.69096	16.65997	762.3	762.3	762.3	16.66631	16.7	16.6
10/12/2016 01:05:31	16.6742	16.69315	16.65245	762.2478	762.3	762.2	16.70002	16.8	16.6
10/12/2016 01:10:31	16.6742	16.69315	16.65245	762.2478	762.3	762.2	16.70002	16.8	16.6
10/12/2016 01:15:31	16.67324	16.69315	16.65245	762.2249	762.3	762.2	16.72929	16.9	16.7
10/12/2016 01:20:31	16.67412	16.70067	16.65997	762.2371	762.3	762.2	16.74377	16.8	16.7
10/12/2016 01:25:31	16.67412	16.70067	16.65997	762.2371	762.3	762.2	16.74377	16.8	16.7
10/12/2016 01:30:31	16.67674	16.6891	16.65997	762.2811	762.3	762.2	16.7572	16.8	16.7
10/12/2016 01:35:31	16.67785	16.69096	16.65419	762.2986	762.3	762.2	16.77413	16.9	16.7
10/12/2016 01:40:31	16.67354	16.69096	16.65638	762.2178	762.3	762.2	16.74613	16.9	16.7
10/12/2016 01:45:31	16.67443	16.69315	16.65638	762.2509	762.3	762.2	16.76296	16.9	16.7
10/12/2016 01:50:31	16.6754	16.68551	16.6639	762.2593	762.3	762.2	16.74376	16.9	16.7
10/12/2016 01:55:31	16.67468	16.68159	16.65638	762.2	762.2	762.2	16.74612	16.9	16.7
10/12/2016 02:00:31	16.67468	16.68159	16.65638	762.2	762.2	762.2	16.74612	16.9	16.7
10/12/2016 02:05:31	16.67212	16.68943	16.66423	762.2	762.2	762.2	16.73268	16.8	16.7
10/12/2016 02:10:31	16.67601	16.69724	16.65845	762.1751	762.2	762.1	16.71918	16.8	16.7
10/12/2016 02:15:31	16.67601	16.69724	16.65845	762.1751	762.2	762.1	16.71918	16.8	16.7
10/12/2016 02:20:31	16.67609	16.70694	16.65438	762.2428	762.3	762.2	16.7	16.7	16.7
10/12/2016 02:25:31	16.67609	16.70694	16.65438	762.2428	762.3	762.2	16.7	16.7	16.7
10/12/2016 02:30:31	16.67661	16.69504	16.65828	762.3	762.3	762.3	16.67644	16.7	16.6
10/12/2016 02:35:31	16.6745	16.68514	16.65218	762.3933	762.4	762.3	16.69325	16.7	16.6
10/12/2016 02:40:31	16.67529	16.69284	16.65218	762.4	762.4	762.4	16.68654	16.7	16.6
10/12/2016 02:45:31	16.67529	16.69284	16.65218	762.4	762.4	762.4	16.68654	16.7	16.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 02:50:31	16.67602	16.69314	16.66796	762.3	762.3	762.3	16.74036	16.9	16.7
10/12/2016 02:55:31	16.67602	16.69314	16.66796	762.3	762.3	762.3	16.74036	16.9	16.7
10/12/2016 03:00:31	16.67485	16.69094	16.65609	762.3933	762.4	762.3	16.82358	16.9	16.7
10/12/2016 03:05:31	16.67545	16.69314	16.66187	762.3933	762.4	762.3	16.82358	16.9	16.7
10/12/2016 03:10:31	16.67545	16.69314	16.66187	762.3481	762.4	762.3	16.86971	16.9	16.8
10/12/2016 03:15:31	16.67619	16.70694	16.65297	762.1663	762.2	762.1	16.90673	17	16.9
10/12/2016 03:20:31	16.67619	16.70694	16.65297	762.1663	762.2	762.1	16.90673	17	16.9
10/12/2016 03:25:31	16.67288	16.69173	16.66267	762.1	762.1	762.1	16.94952	17	16.9
10/12/2016 03:30:31	16.67288	16.69173	16.66267	762.1	762.1	762.1	16.94952	17	16.9
10/12/2016 03:35:31	16.67364	16.69393	16.65687	762.0744	762.1	762	16.93272	17	16.9
10/12/2016 03:40:31	16.67484	16.70164	16.66486	762	762	762	16.93938	17	16.9
10/12/2016 03:45:31	16.67436	16.69393	16.66486	762	762	762	16.97979	17	16.9
10/12/2016 03:50:31	16.67436	16.69393	16.66486	762	762	762	16.97979	17	16.9
10/12/2016 03:55:31	16.67481	16.68424	16.66486	762	762	762	17.02361	17.3	17
10/12/2016 04:00:31	16.67247	16.69194	16.65517	761.9986	762	761.9	17.21547	17.3	17
10/12/2016 04:05:31	16.67247	16.69194	16.65517	761.9986	762	761.9	17.21547	17.3	17
10/12/2016 04:10:31	16.67417	16.68443	16.66096	761.9236	762	761.9	17.27408	17.3	17.2
10/12/2016 04:15:31	16.67287	16.68224	16.66096	761.9905	762	761.9	17.28989	17.3	17.2
10/12/2016 04:20:31	16.67532	16.69382	16.65892	761.97	762	761.9	17.32024	17.4	17.3
10/12/2016 04:25:31	16.67669	16.69554	16.66251	762.0579	762.1	762	17.39331	17.5	17.3
10/12/2016 04:30:31	16.67443	16.69742	16.65672	762.1681	762.2	762.1	17.43272	17.5	17.4
10/12/2016 04:35:31	16.67503	16.68551	16.66031	762.1694	762.2	762.1	17.49328	17.6	17.4
10/12/2016 04:40:31	16.67663	16.68771	16.65858	762.1	762.1	762.1	17.54277	17.6	17.5
10/12/2016 04:45:31	16.67457	16.68771	16.65638	762.198	762.2	762.1	17.60672	17.8	17.6
10/12/2016 04:50:31	16.67457	16.68771	16.65638	762.198	762.2	762.1	17.60672	17.8	17.6
10/12/2016 04:55:31	16.67522	16.69522	16.65061	762.2	762.2	762.2	17.82899	17.9	17.6
10/12/2016 05:00:31	16.67522	16.69522	16.65061	762.2	762.2	762.2	17.82899	17.9	17.6
10/12/2016 05:05:31	16.67469	16.69315	16.65026	762.2711	762.3	762.2	17.94714	18	17.9
10/12/2016 05:10:31	16.67469	16.69315	16.65026	762.2711	762.3	762.2	17.94714	18	17.9
10/12/2016 05:15:31	16.67602	16.69096	16.63083	762.3	762.3	762.3	17.99664	18.1	17.9
10/12/2016 05:20:31	16.6738	16.6913	16.65638	762.2142	762.3	762.2	18.15152	18.2	18
10/12/2016 05:25:31	16.6738	16.6913	16.65638	762.2142	762.3	762.2	18.15152	18.2	18
10/12/2016 05:30:31	16.67689	16.70067	16.65026	762.2771	762.3	762.2	18.18316	18.2	18

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 05:35:31	16.67834	16.69881	16.66968	762.3	762.3	762.3	18.20672	18.4	18.2
10/12/2016 05:40:31	16.67834	16.69881	16.66968	762.3	762.3	762.3	18.2808	18.4	18.2
10/12/2016 05:45:31	16.67632	16.70067	16.65209	762.3	762.3	762.3	18.35958	18.4	18.2
10/12/2016 05:50:31	16.67506	16.70067	16.65997	762.3	762.3	762.3	18.40672	18.5	18.4
10/12/2016 05:55:31	16.67256	16.68702	16.65997	762.3	762.3	762.3	18.44716	18.5	18.4
10/12/2016 06:00:31	16.67202	16.68124	16.65026	762.3	762.3	762.3	18.48653	18.6	18.4
10/12/2016 06:05:31	16.67406	16.68702	16.65209	762.3	762.3	762.3	18.53704	18.6	18.5
10/12/2016 06:10:31	16.67406	16.68702	16.65209	762.3	762.3	762.3	18.53704	18.6	18.5
10/12/2016 06:15:31	16.67558	16.68702	16.66181	762.3549	762.4	762.3	18.58081	18.6	18.5
10/12/2016 06:20:31	16.67558	16.68702	16.66181	762.3549	762.4	762.3	18.58081	18.6	18.5
10/12/2016 06:25:31	16.67458	16.69454	16.66538	762.4	762.4	762.4	18.6	18.6	18.6
10/12/2016 06:30:31	16.67504	16.70426	16.66538	762.4	762.4	762.4	18.61683	18.7	18.6
10/12/2016 06:35:31	16.67569	16.69847	16.65567	762.3964	762.4	762.3	18.66296	18.7	18.6
10/12/2016 06:40:31	16.67569	16.69847	16.65567	762.3964	762.4	762.3	18.66296	18.7	18.6
10/12/2016 06:45:31	16.67733	16.70067	16.65961	762.4024	762.5	762.3	18.68649	18.7	18.6
10/12/2016 06:50:31	16.67733	16.70067	16.65961	762.4024	762.5	762.3	18.68649	18.7	18.6
10/12/2016 06:55:31	16.67405	16.70599	16.661	762.505	762.6	762.5	18.69092	18.7	18.6
10/12/2016 07:00:31	16.67272	16.69628	16.65742	762.5387	762.6	762.5	18.6899	18.7	18.6
10/12/2016 07:05:31	16.67334	16.70426	16.661	762.5013	762.6	762.4	18.70908	18.8	18.7
10/12/2016 07:10:31	16.67334	16.70426	16.661	762.5013	762.6	762.4	18.70908	18.8	18.7
10/12/2016 07:15:31	16.67526	16.69847	16.6499	762.4	762.4	762.4	18.70672	18.8	18.7
10/12/2016 07:20:31	16.67526	16.69847	16.6499	762.4	762.4	762.4	18.70672	18.8	18.7
10/12/2016 07:25:31	16.67514	16.69454	16.65567	762.398	762.4	762.3	18.71687	18.8	18.7
10/12/2016 07:30:31	16.67525	16.70426	16.66538	762.3575	762.4	762.3	18.75949	19	18.7
10/12/2016 07:35:31	16.67525	16.70426	16.66538	762.3575	762.4	762.3	18.75949	19	18.7
10/12/2016 07:40:31	16.67327	16.69234	16.65742	762.4953	762.5	762.4	18.71008	19	18.7
10/12/2016 07:45:31	16.67327	16.69234	16.65742	762.4953	762.5	762.4	18.71008	19	18.7
10/12/2016 07:50:31	16.67185	16.69199	16.64157	762.6	762.6	762.6	18.68649	18.7	18.6
10/12/2016 07:55:31	16.67185	16.69199	16.64157	762.6	762.6	762.6	18.68649	18.7	18.6
10/12/2016 08:00:31	16.67338	16.69199	16.65128	762.5404	762.6	762.5	18.66057	18.7	18.6
10/12/2016 08:05:31	16.67495	16.69154	16.65047	762.832	762.9	762.7	18.63707	18.7	18.6
10/12/2016 08:10:31	16.67495	16.69154	16.65047	762.832	762.9	762.7	18.63707	18.7	18.6
10/12/2016 08:15:31	16.6746	16.69686	16.64252	763	763	763	18.64278	18.7	18.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 08:20:31	16.6746	16.69686	16.64252	763	763	763	18.64278	18.7	18.6
10/12/2016 08:25:31	16.67469	16.70044	16.64033	763.0902	763.1	763	18.65281	18.7	18.6
10/12/2016 08:30:31	16.67431	16.6965	16.65186	763.1	763.1	763.1	18.68317	18.7	18.6
10/12/2016 08:35:31	16.67431	16.6965	16.65186	763.1	763.1	763.1	18.68317	18.7	18.6
10/12/2016 08:40:31	16.67585	16.69833	16.64571	763.17	763.2	763.1	18.6899	18.7	18.6
10/12/2016 08:45:31	16.67578	16.70015	16.6479	763.101	763.2	763.1	18.78432	19	18.7
10/12/2016 08:50:31	16.67578	16.70015	16.6479	763.101	763.2	763.1	18.78432	19	18.7
10/12/2016 08:55:31	16.67414	16.69261	16.64354	763.0994	763.2	763	19.0101	19.1	19
10/12/2016 09:00:31	16.67454	16.68822	16.64354	763.2751	763.3	763.2	19.07409	19.1	19
10/12/2016 09:05:31	16.67454	16.68822	16.64354	763.2751	763.3	763.2	19.07409	19.1	19
10/12/2016 09:10:31	16.67438	16.69575	16.65861	763.3165	763.4	763.3	19.12357	19.3	19.1
10/12/2016 09:15:31	16.67332	16.69536	16.66039	763.4	763.4	763.4	19.21115	19.3	19.1
10/12/2016 09:20:31	16.6754	16.69933	16.65464	763.4	763.4	763.4	19.28314	19.3	19.1
10/12/2016 09:25:31	16.6762	16.69715	16.65464	763.4055	763.5	763.4	19.45156	19.6	19.3
10/12/2016 09:30:31	16.6762	16.69715	16.65464	763.4055	763.5	763.4	19.45156	19.6	19.3
10/12/2016 09:35:31	16.67422	16.7166	16.66218	763.4785	763.5	763.4	19.55291	19.6	19.4
10/12/2016 09:40:31	16.67427	16.69933	16.65245	763.4186	763.5	763.4	19.70337	19.8	19.7
10/12/2016 09:45:31	16.67427	16.69933	16.65245	763.4186	763.5	763.4	19.70337	19.8	19.7
10/12/2016 09:50:31	16.67455	16.71046	16.65422	763.4829	763.5	763.4	19.71681	19.9	19.7
10/12/2016 09:55:31	16.67475	16.70428	16.6498	763.5357	763.6	763.5	19.90337	20	19.9
10/12/2016 10:00:31	16.67475	16.70428	16.6498	763.5357	763.6	763.5	19.90337	20	19.9
10/12/2016 10:05:31	16.67543	16.69632	16.64766	763.7761	763.8	763.7	19.96054	20	19.9
10/12/2016 10:10:31	16.67543	16.69632	16.64766	763.7761	763.8	763.7	19.96054	20	19.9
10/12/2016 10:15:31	16.67717	16.7003	16.65161	763.7	763.7	763.7	20.01346	20.2	20
10/12/2016 10:20:31	16.67717	16.7003	16.65161	763.7	763.7	763.7	20.01346	20.2	20
10/12/2016 10:25:31	16.67436	16.7003	16.65958	763.7	763.7	763.7	20.12114	20.3	20
10/12/2016 10:30:31	16.67436	16.7003	16.65958	763.7	763.7	763.7	20.12114	20.3	20
10/12/2016 10:35:31	16.67388	16.6941	16.6436	763.7	763.7	763.7	20.24037	20.3	20
10/12/2016 10:40:31	16.67388	16.6941	16.6436	763.7	763.7	763.7	20.24037	20.3	20
10/12/2016 10:45:31	16.67437	16.70387	16.65116	763.7781	763.8	763.7	20.26739	20.3	20.2
10/12/2016 10:50:31	16.6748	16.70029	16.65735	763.694	763.7	763.6	20.30672	20.4	20.3
10/12/2016 10:55:31	16.6748	16.70029	16.65735	763.694	763.7	763.6	20.30672	20.4	20.3
10/12/2016 11:00:31	16.67682	16.7078	16.65335	763.6198	763.7	763.6	20.34381	20.4	20.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 11:05:31	16.67676	16.70379	16.65727	763.6014	763.7	763.6	20.42355	20.5	20.4
10/12/2016 11:10:31	16.67471	16.68828	16.65508	763.6683	763.7	763.6	20.54144	20.6	20.4
10/12/2016 11:15:31	16.67643	16.69629	16.65093	763.601	763.7	763.6	20.61344	20.8	20.6
10/12/2016 11:20:31	16.67483	16.69	16.65093	763.6	763.6	763.6	20.83237	20.9	20.6
10/12/2016 11:25:31	16.67348	16.69	16.65429	763.6	763.6	763.6	20.95391	21	20.9
10/12/2016 11:30:31	16.67356	16.69342	16.64689	763.6	763.6	763.6	21.16746	21.4	21
10/12/2016 11:35:31	16.67356	16.69342	16.64689	763.6	763.6	763.6	21.16746	21.4	21
10/12/2016 11:40:31	16.67549	16.68828	16.6591	763.6691	763.7	763.6	21.35961	21.4	21.2
10/12/2016 11:45:31	16.67554	16.69561	16.65242	763.5	763.5	763.5	21.32594	21.5	21.1
10/12/2016 11:50:31	16.67554	16.69561	16.65242	763.5	763.5	763.5	21.32594	21.5	21.1
10/12/2016 11:55:31	16.67464	16.69376	16.65814	763.4269	763.5	763.4	21.4337	21.6	21.4
10/12/2016 12:00:31	16.67265	16.69376	16.65935	763.3963	763.5	763.3	21.5842	21.7	21.5
10/12/2016 12:05:31	16.67568	16.69391	16.66289	763.5081	763.6	763.5	21.62024	21.7	21.6
10/12/2016 12:10:31	16.67416	16.69561	16.64908	763.5338	763.6	763.5	21.65954	21.7	21.6
10/12/2016 12:15:31	16.6749	16.69376	16.65407	763.4081	763.5	763.4	21.73383	22	21.7
10/12/2016 12:20:31	16.6749	16.69376	16.65407	763.4081	763.5	763.4	21.73383	22	21.7
10/12/2016 12:25:31	16.67403	16.70502	16.65626	763.3794	763.5	763.3	22.17077	22.3	22
10/12/2016 12:30:31	16.67403	16.70502	16.65626	763.3794	763.5	763.3	22.17077	22.3	22
10/12/2016 12:35:31	16.67635	16.69522	16.65867	763.3502	763.4	763.3	22.35961	22.4	22.3
10/12/2016 12:40:31	16.67635	16.69522	16.65867	763.3502	763.4	763.3	22.35961	22.4	22.3
10/12/2016 12:45:31	16.67363	16.69599	16.65409	763.2451	763.3	763.1	22.56846	22.7	22.4
10/12/2016 12:50:31	16.67174	16.70477	16.6499	762.9899	763.2	762.9	23.0078	23.3	22.8
10/12/2016 12:55:31	16.67174	16.70477	16.6499	762.9899	763.2	762.9	23.0078	23.3	22.8
10/12/2016 13:00:31	16.6757	16.69629	16.65139	763.0555	763.1	763	23.31108	23.4	23.2
10/12/2016 13:05:31	16.6749	16.7016	16.65082	762.9852	763	762.9	23.17186	23.3	23
10/12/2016 13:10:31	16.6749	16.7016	16.65082	762.9852	763	762.9	23.17186	23.3	23
10/12/2016 13:15:31	16.67311	16.7073	16.64833	763.0478	763.2	762.9	23.74924	23.9	23.5
10/12/2016 13:20:31	16.67311	16.7073	16.64833	763.0478	763.2	762.9	23.74924	23.9	23.5
10/12/2016 13:25:31	16.67701	16.70477	16.6556	762.9421	763	762.9	23.59789	23.8	23.5
10/12/2016 13:30:31	16.67701	16.70477	16.6556	762.9421	763	762.9	23.59789	23.8	23.5
10/12/2016 13:35:31	16.6742	16.69906	16.64833	762.8754	762.9	762.8	23.46965	23.6	23.4
10/12/2016 13:40:31	16.67571	16.69834	16.64601	762.7208	762.8	762.6	23.52127	23.6	23.4
10/12/2016 13:45:31	16.67571	16.69834	16.64601	762.7208	762.8	762.6	23.52127	23.6	23.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 13:50:31	16.67495	16.69792	16.65278	762.6	762.6	762.6	23.74821	23.9	23.6
10/12/2016 13:55:31	16.67495	16.69792	16.65278	762.6	762.6	762.6	23.74821	23.9	23.6
10/12/2016 14:00:31	16.67332	16.69898	16.64929	762.5546	762.6	762.5	23.99772	24.2	23.9
10/12/2016 14:05:31	16.67634	16.69832	16.64508	762.597	762.6	762.5	24.15286	24.2	24.1
10/12/2016 14:10:31	16.67658	16.69832	16.6549	762.5949	762.6	762.5	24.01818	24.2	23.9
10/12/2016 14:15:31	16.67454	16.69641	16.63998	762.5027	762.6	762.5	23.93936	24	23.9
10/12/2016 14:20:31	16.67564	16.69641	16.65551	762.5	762.6	762.4	23.87645	24	23.6
10/12/2016 14:25:31	16.67271	16.6996	16.63174	762.441	762.5	762.3	23.8121	23.9	23.6
10/12/2016 14:30:31	16.67271	16.6996	16.63174	762.441	762.5	762.3	23.8121	23.9	23.6
10/12/2016 14:35:31	16.67755	16.7018	16.6561	762.3905	762.4	762.3	23.83708	23.9	23.6
10/12/2016 14:40:31	16.67467	16.69948	16.65165	762.2879	762.3	762.2	23.77843	23.9	23.6
10/12/2016 14:45:31	16.67467	16.69948	16.65165	762.2879	762.3	762.2	23.77843	23.9	23.6
10/12/2016 14:50:31	16.67463	16.69064	16.65281	762.235	762.3	762.2	23.8741	23.9	23.8
10/12/2016 14:55:31	16.67463	16.69064	16.65281	762.235	762.3	762.2	23.8741	23.9	23.8
10/12/2016 15:00:31	16.67589	16.69685	16.64865	762.2643	762.3	762.1	23.90674	24	23.6
10/12/2016 15:05:31	16.67589	16.69685	16.64865	762.2643	762.3	762.1	23.90674	24	23.6
10/12/2016 15:10:31	16.67399	16.69418	16.65018	762.1965	762.2	762.1	23.96071	24.1	23.9
10/12/2016 15:15:31	16.67539	16.70518	16.65851	762.1764	762.2	762.1	24.10568	24.2	24
10/12/2016 15:20:31	16.67539	16.70518	16.65851	762.1764	762.2	762.1	24.10568	24.2	24
10/12/2016 15:25:31	4.35384	16.69752	0	762.1032	762.2	762.1	23.89163	24	23.6
10/12/2016 15:30:31	0	0	0	762.1733	762.2	762.1	23.72482	23.9	23.6
10/12/2016 15:35:31	0	0	0	762.1733	762.2	762.1	23.72482	23.9	23.6
10/12/2016 15:40:31	0	0	0	762.0667	762.2	762	23.8472	23.9	23.6
10/12/2016 15:45:31	0	0	0	762.0667	762.2	762	23.8472	23.9	23.6
10/12/2016 15:50:31	0	0	0	762.0794	762.1	762	23.8461	23.9	23.6
10/12/2016 15:55:31	0	0	0	762.0394	762.1	762	23.81016	23.9	23.6
10/12/2016 16:00:31	0	0	0	762.0031	762.1	762	23.70463	23.9	23.6
10/12/2016 16:05:31	0	0	0	761.8627	761.9	761.8	23.4562	23.5	23.4
10/12/2016 16:10:31	0	0	0	761.9	761.9	761.9	23.40666	23.5	23.3
10/12/2016 16:15:31	0	0	0	761.9	761.9	761.9	23.40666	23.5	23.3
10/12/2016 16:20:31	0	0	0	761.8226	761.9	761.8	23.26736	23.3	23.2
10/12/2016 16:25:31	0	0	0	761.8226	761.9	761.8	23.26736	23.3	23.2
10/12/2016 16:30:31	0	0	0	761.8279	761.9	761.8	23.31346	23.4	23.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 16:35:31	0	0	0	761.8065	761.9	761.7	23.34044	23.5	23.3
10/12/2016 16:40:31	0	0	0	761.7441	761.9	761.7	23.41346	23.5	23.4
10/12/2016 16:45:31	0	0	0	761.7354	761.8	761.7	23.37982	23.5	23.3
10/12/2016 16:50:31	0	0	0	761.7706	761.8	761.7	23.19111	23.4	23
10/12/2016 16:55:31	0	0	0	761.7309	761.8	761.6	22.86521	23	22.7
10/12/2016 17:00:31	0	0	0	761.6333	761.7	761.6	22.6932	22.8	22.6
10/12/2016 17:05:31	0	0	0	761.6333	761.7	761.6	22.6932	22.8	22.6
10/12/2016 17:10:31	0	0	0	761.4	761.4	761.4	22.26285	22.3	22.1
10/12/2016 17:15:31	1.22828	16.66442	0	761.4725	761.5	761.4	22.15782	22.3	22.1
10/12/2016 17:20:31	16.67525	16.69577	16.65488	761.5599	761.6	761.5	21.92816	22.1	21.7
10/12/2016 17:25:31	16.67536	16.69412	16.65488	761.5975	761.6	761.5	21.68319	21.8	21.6
10/12/2016 17:30:31	16.67536	16.69412	16.65488	761.5975	761.6	761.5	21.68319	21.8	21.6
10/12/2016 17:35:31	16.67512	16.68815	16.65488	761.5374	761.6	761.5	21.53154	21.7	21.4
10/12/2016 17:40:31	16.67422	16.69168	16.6606	761.6	761.6	761.6	21.19119	21.4	21.1
10/12/2016 17:45:31	16.67422	16.69168	16.6606	761.6	761.6	761.6	21.19119	21.4	21.1
10/12/2016 17:50:31	16.67525	16.68595	16.65651	761.608	761.7	761.6	21.04375	21.1	21
10/12/2016 17:55:31	16.67525	16.68595	16.65651	761.608	761.7	761.6	21.04375	21.1	21
10/12/2016 18:00:31	16.67466	16.68948	16.65651	761.6902	761.7	761.6	21.01346	21.1	21
10/12/2016 18:05:31	16.67442	16.69599	16.64532	761.7	761.7	761.7	20.91681	21	20.9
10/12/2016 18:10:31	16.67442	16.69599	16.64532	761.7	761.7	761.7	20.91681	21	20.9
10/12/2016 18:15:31	16.67471	16.69837	16.64532	761.7	761.7	761.7	20.88632	20.9	20.6
10/12/2016 18:20:31	16.67583	16.69092	16.65751	761.7	761.7	761.7	20.60327	20.8	20.5
10/12/2016 18:25:31	16.67579	16.6892	16.65596	761.7933	761.8	761.7	20.46284	20.6	20.3
10/12/2016 18:30:31	16.67839	16.69905	16.66225	761.8	761.8	761.8	20.07066	20.3	19.9
10/12/2016 18:35:31	16.67839	16.69905	16.66225	761.8	761.8	761.8	20.07066	20.3	19.9
10/12/2016 18:40:31	16.67482	16.69153	16.6525	761.802	761.9	761.8	19.65952	19.7	19.6
10/12/2016 18:45:31	16.67482	16.69153	16.6525	761.802	761.9	761.8	19.65952	19.7	19.6
10/12/2016 18:50:31	16.67298	16.6995	16.65075	761.803	761.9	761.8	19.4416	19.6	19.3
10/12/2016 18:55:31	16.67257	16.69551	16.65075	761.8	761.8	761.8	19.24602	19.3	19.1
10/12/2016 19:00:31	16.67527	16.70348	16.65873	761.8	761.8	761.8	19.10328	19.3	19
10/12/2016 19:05:31	16.67489	16.70348	16.65694	761.7824	761.8	761.7	18.98299	19.1	18.8
10/12/2016 19:10:31	16.67566	16.69809	16.65914	761.7	761.7	761.7	18.64371	18.7	18.6
10/12/2016 19:15:31	16.67566	16.69809	16.65914	761.7	761.7	761.7	18.64371	18.7	18.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 19:20:31	16.67667	16.69016	16.65914	761.7	761.7	761.7	18.45615	18.6	18.4
10/12/2016 19:25:31	16.67667	16.69016	16.65914	761.7	761.7	761.7	18.45615	18.6	18.4
10/12/2016 19:30:31	16.67758	16.68835	16.66311	761.7	761.7	761.7	18.36975	18.5	18.2
10/12/2016 19:35:31	16.67732	16.68835	16.66311	761.7	761.7	761.7	18.21818	18.4	18.2
10/12/2016 19:40:31	16.67583	16.69809	16.65914	761.7	761.7	761.7	18.18982	18.2	18.1
10/12/2016 19:45:31	16.67546	16.68835	16.66311	761.7	761.7	761.7	18.13702	18.2	18
10/12/2016 19:50:31	16.67509	16.68835	16.66091	761.7849	761.8	761.7	17.96532	18.1	17.9
10/12/2016 19:55:31	16.67509	16.68835	16.66091	761.7849	761.8	761.7	17.96532	18.1	17.9
10/12/2016 20:00:31	16.67242	16.68615	16.66091	761.8	761.8	761.8	17.90673	18	17.8
10/12/2016 20:05:31	16.67059	16.68038	16.66091	761.8	761.8	761.8	17.89328	17.9	17.8
10/12/2016 20:10:31	16.67059	16.68038	16.66091	761.8	761.8	761.8	17.89328	17.9	17.8
10/12/2016 20:15:31	16.67606	16.69545	16.66625	761.9327	762	761.9	17.79648	17.9	17.6
10/12/2016 20:20:31	16.67606	16.69545	16.66625	761.9327	762	761.9	17.79648	17.9	17.6
10/12/2016 20:25:31	16.67625	16.69463	16.65967	762.258	762.3	762.2	17.67732	17.9	17.6
10/12/2016 20:30:31	16.67625	16.69463	16.65967	762.258	762.3	762.2	17.67732	17.9	17.6
10/12/2016 20:35:31	16.67249	16.68527	16.66582	762.2	762.2	762.2	17.6202	17.8	17.6
10/12/2016 20:40:31	16.67219	16.68132	16.66186	762.2	762.2	762.2	17.61681	17.8	17.5
10/12/2016 20:45:31	16.67219	16.68132	16.66186	762.2	762.2	762.2	17.61681	17.8	17.5
10/12/2016 20:50:31	16.67199	16.6871	16.65213	762.2	762.2	762.2	17.60663	17.8	17.5
10/12/2016 20:55:31	16.6739	16.68352	16.66186	762.1128	762.2	762.1	17.58315	17.6	17.5
10/12/2016 21:00:31	16.6739	16.68352	16.66186	762.1128	762.2	762.1	17.58315	17.6	17.5
10/12/2016 21:05:31	16.67677	16.70078	16.66005	762.2	762.2	762.2	17.54617	17.6	17.5
10/12/2016 21:10:31	16.67677	16.70078	16.66005	762.2	762.2	762.2	17.54617	17.6	17.5
10/12/2016 21:15:31	16.67725	16.695	16.66225	762.1854	762.2	762.1	17.53602	17.6	17.5
10/12/2016 21:20:31	16.67364	16.68352	16.66225	762.1	762.1	762.1	17.51343	17.6	17.4
10/12/2016 21:25:31	16.67488	16.68783	16.66839	762	762	762	17.48318	17.6	17.4
10/12/2016 21:30:31	16.67488	16.68783	16.66839	762	762	762	17.48318	17.6	17.4
10/12/2016 21:35:31	16.67417	16.68389	16.66619	762.0448	762.1	762	17.45958	17.5	17.4
10/12/2016 21:40:31	16.67562	16.69105	16.6561	762.1782	762.2	762.1	17.44039	17.5	17.4
10/12/2016 21:45:31	16.67853	16.69105	16.66005	762.199	762.2	762.1	17.41682	17.5	17.4
10/12/2016 21:50:31	16.67853	16.69105	16.66005	762.199	762.2	762.1	17.41682	17.5	17.4
10/12/2016 21:55:31	16.67722	16.68922	16.66005	762.1694	762.2	762.1	17.39664	17.4	17.3
10/12/2016 22:00:31	16.67458	16.68922	16.65391	762.322	762.4	762.2	17.39664	17.5	17.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 22:05:31	16.67458	16.68922	16.65391	762.322	762.4	762.2	17.39664	17.5	17.3
10/12/2016 22:10:31	16.67758	16.68922	16.65786	762.2835	762.4	762.2	17.38318	17.4	17.3
10/12/2016 22:15:31	16.6774	16.68702	16.65786	762.3	762.3	762.3	17.3798	17.4	17.3
10/12/2016 22:20:31	16.67524	16.68922	16.65245	762.2	762.2	762.2	17.34374	17.4	17.3
10/12/2016 22:25:31	16.67524	16.68922	16.65245	762.2	762.2	762.2	17.34374	17.4	17.3
10/12/2016 22:30:31	16.67259	16.68344	16.65245	762.2	762.2	762.2	17.32355	17.4	17.3
10/12/2016 22:35:31	16.67482	16.6891	16.66216	762.262	762.3	762.2	17.30337	17.4	17.2
10/12/2016 22:40:31	16.67525	16.6913	16.6639	762.228	762.3	762.2	17.28991	17.3	17.2
10/12/2016 22:45:31	16.67525	16.6913	16.6639	762.228	762.3	762.2	17.28991	17.3	17.2
10/12/2016 22:50:31	16.67478	16.68551	16.66609	762.2	762.2	762.2	17.21545	17.3	17
10/12/2016 22:55:31	16.67478	16.68551	16.66609	762.2	762.2	762.2	17.21545	17.3	17
10/12/2016 23:00:31	16.67303	16.68551	16.65245	762.2	762.2	762.2	17.17649	17.3	17
10/12/2016 23:05:31	16.67303	16.68551	16.65245	762.2	762.2	762.2	17.17649	17.3	17
10/12/2016 23:10:31	16.67199	16.68344	16.65245	762.2	762.2	762.2	17.15626	17.3	17
10/12/2016 23:15:31	16.67461	16.6891	16.6639	762.2347	762.3	762.2	17.04525	17.2	17
10/12/2016 23:20:31	16.6786	16.6891	16.6639	762.3	762.3	762.3	17.03162	17.2	17
10/12/2016 23:25:31	16.6786	16.6891	16.6639	762.3	762.3	762.3	17.03162	17.2	17
10/12/2016 23:30:31	16.67662	16.69096	16.6639	762.2693	762.3	762.2	16.99662	17	16.9
10/12/2016 23:35:31	16.67496	16.68943	16.65672	762.1623	762.2	762.1	16.97304	17	16.9
10/12/2016 23:40:31	16.67496	16.68943	16.65672	762.1623	762.2	762.1	16.97304	17	16.9
10/12/2016 23:45:31	16.67533	16.69522	16.66031	762.2	762.2	762.2	16.91339	17	16.8
10/12/2016 23:50:31	16.67533	16.69522	16.66031	762.2	762.2	762.2	16.91339	17	16.8
10/12/2016 23:55:31	16.67537	16.68943	16.66031	762.2	762.2	762.2	16.89429	16.9	16.8
10/13/2016 00:00:31	16.67383	16.69334	16.66204	762.2156	762.3	762.2	16.85962	16.9	16.7
10/13/2016 00:05:31	16.67383	16.69334	16.66204	762.2156	762.3	762.2	16.85962	16.9	16.7
10/13/2016 00:10:31	16.67346	16.68943	16.66423	762.2017	762.3	762.2	16.81679	16.9	16.7
10/13/2016 00:15:31	16.67346	16.68943	16.66423	762.2017	762.3	762.2	16.81679	16.9	16.7
10/13/2016 00:20:31	16.67558	16.69334	16.66814	762.2	762.2	762.2	16.78646	16.9	16.7
10/13/2016 00:25:31	16.67558	16.69334	16.66814	762.2	762.2	762.2	16.78646	16.9	16.7
10/13/2016 00:30:31	16.67788	16.68754	16.66595	762.201	762.3	762.2	16.72924	16.8	16.7
10/13/2016 00:35:31	16.67788	16.68754	16.66595	762.201	762.3	762.2	16.72924	16.8	16.7
10/13/2016 00:40:31	16.67778	16.68754	16.66814	762.2	762.2	762.2	16.70673	16.8	16.7
10/13/2016 00:45:31	16.67573	16.68364	16.65845	762.2872	762.3	762.2	16.68991	16.7	16.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 00:50:31	16.67573	16.68364	16.65845	762.2872	762.3	762.2	16.68991	16.7	16.6
10/13/2016 00:55:31	16.67473	16.68535	16.66204	762.3	762.3	762.3	16.67643	16.7	16.6
10/13/2016 01:00:31	16.67473	16.68535	16.66204	762.3	762.3	762.3	16.67643	16.7	16.6
10/13/2016 01:05:31	16.67344	16.69114	16.65625	762.3	762.3	762.3	16.65961	16.7	16.6
10/13/2016 01:10:31	16.67431	16.69114	16.65625	762.3	762.3	762.3	16.65289	16.7	16.6
10/13/2016 01:15:31	16.67491	16.69334	16.65453	762.2229	762.3	762.2	16.67644	16.7	16.6
10/13/2016 01:20:31	16.67659	16.69334	16.64875	762.2	762.2	762.2	16.66627	16.7	16.6
10/13/2016 01:25:31	16.67694	16.69334	16.65657	762.1902	762.2	762.1	16.6472	16.7	16.6
10/13/2016 01:30:31	16.67675	16.68754	16.65657	762.2	762.2	762.2	16.6361	16.7	16.6
10/13/2016 01:35:31	16.67757	16.68754	16.65078	762.2	762.2	762.2	16.61915	16.7	16.6
10/13/2016 01:40:31	16.67664	16.68754	16.66047	762.202	762.3	762.2	16.60335	16.7	16.6
10/13/2016 01:45:31	16.67664	16.68754	16.66047	762.202	762.3	762.2	16.60335	16.7	16.6
10/13/2016 01:50:31	16.6772	16.68754	16.65625	762.2323	762.3	762.2	16.60336	16.7	16.6
10/13/2016 01:55:31	16.67618	16.68754	16.65845	762.2	762.2	762.2	16.58652	16.6	16.4
10/13/2016 02:00:31	16.67618	16.68754	16.65845	762.2	762.2	762.2	16.58653	16.6	16.4
10/13/2016 02:05:31	16.67619	16.68754	16.65625	762.2731	762.3	762.2	16.53609	16.7	16.4
10/13/2016 02:10:31	16.67598	16.68754	16.65234	762.2491	762.3	762.2	16.6	16.6	16.6
10/13/2016 02:15:31	16.67598	16.68754	16.65234	762.2491	762.3	762.2	16.6	16.6	16.6
10/13/2016 02:20:31	16.67666	16.68754	16.65453	762.2	762.2	762.2	16.57981	16.6	16.4
10/13/2016 02:25:31	16.67513	16.68754	16.65078	762.262	762.3	762.2	16.57961	16.6	16.4
10/13/2016 02:30:31	16.67513	16.68754	16.65078	762.262	762.3	762.2	16.57961	16.6	16.4
10/13/2016 02:35:31	16.67547	16.69314	16.66217	762.3	762.3	762.3	16.55938	16.6	16.4
10/13/2016 02:40:31	16.67547	16.69314	16.66217	762.3	762.3	762.3	16.55938	16.6	16.4
10/13/2016 02:45:31	16.67709	16.69483	16.65997	762.3555	762.4	762.3	16.51432	16.6	16.4
10/13/2016 02:50:31	16.67327	16.68373	16.66217	762.2622	762.3	762.2	16.4336	16.6	16.3
10/13/2016 02:55:31	16.67718	16.67985	16.67405	762.2	762.2	762.2	16.40338	16.6	16.3
10/13/2016 03:00:31	16.67718	16.67985	16.67405	762.2	762.2	762.2	16.40338	16.6	16.3
10/13/2016 03:05:31	16.67659	16.68373	16.67405	762.2	762.2	762.2	16.35627	16.4	16.3
10/13/2016 03:10:31	16.67659	16.68373	16.67405	762.2	762.2	762.2	16.35627	16.4	16.3
10/13/2016 03:15:31	16.67744	16.67985	16.66437	762.2	762.2	762.2	16.34945	16.4	16.3
10/13/2016 03:20:31	16.67434	16.68953	16.66437	762.1792	762.2	762.1	16.3629	16.4	16.3
10/13/2016 03:25:31	16.67434	16.68953	16.66437	762.1792	762.2	762.1	16.3629	16.4	16.3
10/13/2016 03:30:31	16.67763	16.68754	16.66626	762.2	762.2	762.2	16.51458	16.6	16.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 03:35:31	16.67763	16.68754	16.66626	762.2	762.2	762.2	16.51458	16.6	16.4
10/13/2016 03:40:31	16.67307	16.68583	16.65672	762.1	762.1	762.1	16.59324	16.7	16.4
10/13/2016 03:45:31	16.67307	16.68583	16.65672	762.1	762.1	762.1	16.67748	16.8	16.6
10/13/2016 03:50:31	16.67434	16.68754	16.65845	762.1761	762.2	762.1	16.77422	16.9	16.7
10/13/2016 03:55:31	16.67475	16.68943	16.65453	762.2	762.2	762.2	16.94403	17.2	16.9
10/13/2016 04:00:31	16.67565	16.68551	16.66031	762.2	762.2	762.2	17.14962	17.3	17
10/13/2016 04:05:31	16.67486	16.69522	16.64483	762.2	762.2	762.2	17.35392	17.4	17.3
10/13/2016 04:10:31	16.67486	16.69522	16.64483	762.2	762.2	762.2	17.35392	17.4	17.3
10/13/2016 04:15:31	16.67453	16.68771	16.64483	762.1854	762.2	762.1	17.45719	17.6	17.4
10/13/2016 04:20:31	16.67453	16.70133	16.66251	762.1	762.1	762.1	17.53809	17.6	17.4
10/13/2016 04:25:31	16.67415	16.68583	16.66064	762.1	762.1	762.1	17.59328	17.6	17.5
10/13/2016 04:30:31	16.67421	16.70744	16.66064	762.037	762.1	762	17.87073	17.9	17.6
10/13/2016 04:35:31	16.67421	16.70744	16.66064	762.037	762.1	762	17.87073	17.9	17.6
10/13/2016 04:40:31	16.67749	16.69773	16.66283	762	762	762	17.92693	18	17.9
10/13/2016 04:45:31	16.6779	16.69773	16.66283	762	762	762	18.00674	18.1	18
10/13/2016 04:50:31	16.6779	16.69773	16.66283	762	762	762	18.00674	18.1	18
10/13/2016 04:55:31	16.67767	16.68803	16.66862	762	762	762	18.03704	18.2	18
10/13/2016 05:00:31	16.67624	16.68803	16.66283	762	762	762	18.04604	18.2	18
10/13/2016 05:05:31	16.67624	16.68803	16.66283	762	762	762	18.04604	18.2	18
10/13/2016 05:10:31	16.67416	16.69554	16.66064	762.0569	762.1	762	18.03363	18.1	18
10/13/2016 05:15:31	16.67602	16.69554	16.66643	762.1	762.1	762.1	18.02703	18.1	18
10/13/2016 05:20:31	16.67402	16.69913	16.65453	762.1485	762.2	762.1	18.01679	18.1	17.9
10/13/2016 05:25:31	16.67402	16.69913	16.65453	762.1485	762.2	762.1	18.01679	18.1	17.9
10/13/2016 05:30:31	16.67396	16.69913	16.66031	762.2	762.2	762.2	18.04034	18.2	18
10/13/2016 05:35:31	16.67421	16.69522	16.65453	762.2	762.2	762.2	18.06075	18.2	18
10/13/2016 05:40:31	16.67421	16.69522	16.65453	762.2	762.2	762.2	18.06075	18.2	18
10/13/2016 05:45:31	16.67434	16.68943	16.66031	762.2	762.2	762.2	18.06534	18.2	18
10/13/2016 05:50:31	16.67582	16.69522	16.65453	762.2	762.2	762.2	18.10348	18.2	18
10/13/2016 05:55:31	16.67591	16.69522	16.66031	762.2	762.2	762.2	18.10908	18.2	18
10/13/2016 06:00:31	16.67605	16.69522	16.66609	762.2081	762.3	762.2	18.12914	18.2	18
10/13/2016 06:05:31	16.67605	16.69522	16.66609	762.2081	762.3	762.2	18.12914	18.2	18
10/13/2016 06:10:31	16.67444	16.68551	16.64449	762.2965	762.3	762.2	18.14486	18.2	18
10/13/2016 06:15:31	16.67589	16.68551	16.64668	762.201	762.3	762.2	18.15628	18.2	18

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 06:20:31	16.67542	16.68551	16.6409	762.2	762.2	762.2	18.15292	18.2	18
10/13/2016 06:25:31	16.67595	16.68943	16.64668	762.2	762.2	762.2	18.10568	18.2	18
10/13/2016 06:30:31	16.67595	16.68943	16.64668	762.2	762.2	762.2	18.10568	18.2	18
10/13/2016 06:35:31	16.67533	16.69881	16.65419	762.296	762.3	762.2	18.04605	18.2	18
10/13/2016 06:40:31	16.67533	16.69881	16.65419	762.296	762.3	762.2	18.04605	18.2	18
10/13/2016 06:45:31	16.67502	16.70852	16.65419	762.2552	762.3	762.2	18.03028	18.2	18
10/13/2016 06:50:31	16.67524	16.69913	16.64483	762.2	762.2	762.2	18.02016	18.2	18
10/13/2016 06:55:31	16.67241	16.69114	16.64655	762.3	762.3	762.3	17.97969	18	17.9
10/13/2016 07:00:31	16.67241	16.69114	16.64655	762.3	762.3	762.3	17.97969	18	17.9
10/13/2016 07:05:31	16.67581	16.69724	16.65234	762.2531	762.3	762.2	17.90235	18	17.8
10/13/2016 07:10:31	16.67581	16.69724	16.65234	762.2531	762.3	762.2	17.90235	18	17.8
10/13/2016 07:15:31	16.67679	16.69724	16.64688	762.2378	762.3	762.2	17.89652	17.9	17.8
10/13/2016 07:20:31	16.67397	16.70474	16.65625	762.3	762.3	762.3	17.74468	17.9	17.6
10/13/2016 07:25:31	16.67397	16.70474	16.65625	762.3	762.3	762.3	17.74468	17.9	17.6
10/13/2016 07:30:31	16.67401	16.70084	16.66204	762.3	762.3	762.3	17.63362	17.8	17.6
10/13/2016 07:35:31	16.67594	16.69096	16.65209	762.3	762.3	762.3	17.62021	17.8	17.6
10/13/2016 07:40:31	16.6776	16.69425	16.66326	762.3333	762.4	762.3	17.84919	17.9	17.6
10/13/2016 07:45:31	16.6776	16.69425	16.66326	762.3333	762.4	762.3	17.84919	17.9	17.6
10/13/2016 07:50:31	16.67486	16.70579	16.64734	762.4	762.4	762.4	18.17511	18.4	18
10/13/2016 07:55:31	16.67486	16.70579	16.64734	762.4	762.4	762.4	18.17511	18.4	18
10/13/2016 08:00:31	16.67475	16.70538	16.64334	762.4	762.4	762.4	18.42231	18.6	18.2
10/13/2016 08:05:31	16.67633	16.70674	16.66137	762.5993	762.6	762.5	18.91219	19.1	18.7
10/13/2016 08:10:31	16.67633	16.70674	16.66137	762.5993	762.6	762.5	18.91219	19.1	18.7
10/13/2016 08:15:31	16.67345	16.70047	16.64013	762.6	762.6	762.6	19.17862	19.3	19
10/13/2016 08:20:31	16.67414	16.69827	16.64536	762.7031	762.8	762.7	19.80463	20	19.7
10/13/2016 08:25:31	16.67414	16.69827	16.64536	762.7031	762.8	762.7	19.80463	20	19.7
10/13/2016 08:30:31	16.6755	16.69122	16.65621	762.602	762.7	762.6	20.29328	20.4	20.2
10/13/2016 08:35:31	16.6755	16.69122	16.65621	762.602	762.7	762.6	20.29328	20.4	20.2
10/13/2016 08:40:31	16.67618	16.68897	16.65575	762.6877	762.7	762.6	20.40787	20.5	20.3
10/13/2016 08:45:31	16.67622	16.70804	16.65173	762.6778	762.7	762.6	20.58083	20.8	20.5
10/13/2016 08:50:31	16.67576	16.69971	16.65492	763.0643	763.2	763	20.91347	21	20.9
10/13/2016 08:55:31	16.67416	16.68995	16.65674	763.1033	763.3	763	20.96736	21	20.9
10/13/2016 09:00:31	16.67416	16.68995	16.65674	763.1033	763.3	763	20.96736	21	20.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 09:05:31	16.67524	16.69756	16.64887	763.2727	763.3	763.1	20.77859	20.9	20.6
10/13/2016 09:10:31	16.67524	16.69756	16.64887	763.2727	763.3	763.1	20.77859	20.9	20.6
10/13/2016 09:15:31	16.675	16.69756	16.6586	763.2971	763.3	763.1	20.50559	20.6	20.4
10/13/2016 09:20:31	16.67323	16.69221	16.66299	763.101	763.2	763.1	20.39326	20.4	20.3
10/13/2016 09:25:31	16.6733	16.69	16.66299	763.1	763.1	763.1	20.38757	20.4	20.3
10/13/2016 09:30:31	16.6733	16.69	16.66299	763.1	763.1	763.1	20.38757	20.4	20.3
10/13/2016 09:35:31	16.6764	16.68381	16.6643	763.1801	763.2	763.1	20.41007	20.5	20.4
10/13/2016 09:40:31	16.6764	16.68381	16.6643	763.1801	763.2	763.1	20.41007	20.5	20.4
10/13/2016 09:45:31	16.67723	16.69531	16.66138	763.2	763.2	763.2	20.5	20.6	20.4
10/13/2016 09:50:31	16.67723	16.69531	16.66138	763.2	763.2	763.2	20.5	20.6	20.4
10/13/2016 09:55:31	16.67515	16.69475	16.66086	763.267	763.3	763.2	20.91021	21	20.6
10/13/2016 10:00:31	16.67515	16.69475	16.66086	763.267	763.3	763.2	20.91021	21	20.6
10/13/2016 10:05:31	16.67436	16.68734	16.66038	763.1027	763.2	763.1	21.5819	21.7	21.4
10/13/2016 10:10:31	16.67436	16.68734	16.66038	763.1027	763.2	763.1	21.5819	21.7	21.4
10/13/2016 10:15:31	16.67457	16.69525	16.65278	763.0642	763.1	763	22.53917	22.8	22.3
10/13/2016 10:20:31	16.67457	16.69525	16.65278	763.0642	763.1	763	22.53917	22.8	22.3
10/13/2016 10:25:31	16.67407	16.70449	16.65596	763.0226	763.2	762.9	22.9192	23.2	22.7
10/13/2016 10:30:31	16.67504	16.69652	16.64927	762.9984	763.1	762.9	23.49005	23.6	23.3
10/13/2016 10:35:31	16.67504	16.69652	16.64927	762.9984	763.1	762.9	23.49005	23.6	23.3
10/13/2016 10:40:31	16.67625	16.70917	16.63563	763	763	763	23.40574	23.5	23.3
10/13/2016 10:45:31	16.67625	16.70917	16.63563	763	763	763	23.40574	23.5	23.3
10/13/2016 10:50:31	16.67544	16.6968	16.65765	763.067	763.1	763	23.18759	23.4	23
10/13/2016 10:55:31	16.67407	16.692	16.65875	763.0438	763.1	763	22.88629	23	22.7
10/13/2016 11:00:31	16.67407	16.692	16.65875	763.0438	763.1	763	22.88629	23	22.7
10/13/2016 11:05:31	16.67457	16.68816	16.65139	763.0889	763.1	762.9	22.7572	22.9	22.7
10/13/2016 11:10:31	16.67784	16.70288	16.64833	762.9488	763.1	762.9	22.72364	22.9	22.7
10/13/2016 11:15:31	16.67309	16.6933	16.64588	763.0675	763.2	763	23.2359	23.5	23
10/13/2016 11:20:31	16.67309	16.6933	16.64588	763.0675	763.2	763	23.2359	23.5	23
10/13/2016 11:25:31	16.67544	16.69525	16.64395	763.097	763.2	763	23.44607	23.5	23.4
10/13/2016 11:30:31	16.67544	16.69525	16.64395	763.097	763.2	763	23.44607	23.5	23.4
10/13/2016 11:35:31	16.67578	16.69406	16.64807	763.1377	763.2	763	23.38992	23.5	23.3
10/13/2016 11:40:31	16.67703	16.70257	16.65026	762.9658	763.1	762.8	23.14283	23.3	23
10/13/2016 11:45:31	16.67703	16.70257	16.65026	762.9658	763.1	762.8	23.14283	23.3	23

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 11:50:31	16.67699	16.73016	16.51157	762.8403	763	762.8	23.29105	23.4	23
10/13/2016 11:55:31	16.67548	16.7095	16.65209	762.8134	763	762.7	23.7214	23.9	23.6
10/13/2016 12:00:31	16.67548	16.7095	16.65209	762.8134	763	762.7	23.7214	23.9	23.6
10/13/2016 12:05:31	16.67374	16.70142	16.65059	762.7313	762.9	762.6	23.99106	24.1	23.9
10/13/2016 12:10:31	16.67602	16.69922	16.66145	762.637	762.8	762.6	24.15415	24.4	24.1
10/13/2016 12:15:31	16.67255	16.70209	16.64641	762.6565	762.7	762.6	24.42015	24.5	24.2
10/13/2016 12:20:31	16.67522	16.70054	16.65497	762.66	762.7	762.5	24.42019	24.5	24.2
10/13/2016 12:25:31	16.67538	16.70294	16.65278	762.6345	762.7	762.5	24.47091	24.6	24.4
10/13/2016 12:30:31	16.67413	16.69526	16.65278	762.5902	762.6	762.5	24.57646	24.6	24.5
10/13/2016 12:35:31	16.67398	16.69203	16.63674	762.5481	762.6	762.4	24.60336	24.7	24.5
10/13/2016 12:40:31	16.67714	16.69896	16.65796	762.5	762.5	762.5	24.67074	24.7	24.6
10/13/2016 12:45:31	16.67559	16.69128	16.66015	762.4542	762.5	762.4	24.69651	24.7	24.6
10/13/2016 12:50:31	16.67494	16.70633	16.6488	762.3067	762.4	762.2	24.76383	25	24.7
10/13/2016 12:55:31	16.67494	16.70633	16.6488	762.3067	762.4	762.2	24.76383	25	24.7
10/13/2016 13:00:31	16.67445	16.69917	16.65394	762.257	762.3	762.2	25.10451	25.2	25
10/13/2016 13:05:31	16.67445	16.69917	16.65394	762.257	762.3	762.2	25.10451	25.2	25
10/13/2016 13:10:31	16.67536	16.70515	16.64422	762.141	762.2	762.1	25.23389	25.4	25.1
10/13/2016 13:15:31	16.67536	16.70515	16.64422	762.141	762.2	762.1	25.23389	25.4	25.1
10/13/2016 13:20:31	16.67127	16.69237	16.64142	762.0546	762.1	762	25.49767	25.7	25.3
10/13/2016 13:25:31	16.67482	16.70846	16.64697	762.036	762.1	761.9	25.67412	25.7	25.6
10/13/2016 13:30:31	16.67665	16.70846	16.65757	761.999	762	761.9	25.57851	25.7	25.4
10/13/2016 13:35:31	16.67443	16.69858	16.65905	761.9774	762	761.9	25.30908	25.4	25.2
10/13/2016 13:40:31	16.67549	16.69752	16.6486	761.8632	761.9	761.8	25.20906	25.3	25.2
10/13/2016 13:45:31	16.6739	16.69752	16.6508	761.799	761.8	761.7	25.22018	25.3	25.2
10/13/2016 13:50:31	16.67426	16.7004	16.65081	761.7869	761.8	761.7	25.31122	25.4	25.2
10/13/2016 13:55:31	16.67756	16.7097	16.65785	761.7401	761.9	761.7	25.52483	25.7	25.3
10/13/2016 14:00:31	16.67274	16.69234	16.64422	761.7479	761.8	761.7	25.85171	26	25.6
10/13/2016 14:05:31	16.67565	16.70685	16.6508	761.746	761.8	761.7	25.99664	26	25.9
10/13/2016 14:10:31	16.6757	16.6955	16.64735	761.6552	761.7	761.6	25.89871	26	25.7
10/13/2016 14:15:31	16.6757	16.6955	16.64735	761.6552	761.7	761.6	25.89871	26	25.7
10/13/2016 14:20:31	16.67478	16.69898	16.64951	761.5579	761.6	761.5	25.70325	25.9	25.6
10/13/2016 14:25:31	16.67478	16.69898	16.64951	761.5579	761.6	761.5	25.70325	25.9	25.6
10/13/2016 14:30:31	16.67512	16.70319	16.65647	761.5743	761.6	761.5	25.32019	25.6	25.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 14:35:31	16.67811	16.70958	16.65866	761.499	761.5	761.4	24.89448	25.1	24.7
10/13/2016 14:40:31	16.67612	16.69862	16.65187	761.3593	761.5	761.3	24.60907	24.7	24.5
10/13/2016 14:45:31	16.67202	16.692	16.65098	761.4	761.4	761.4	24.57283	24.6	24.4
10/13/2016 14:50:31	16.67387	16.68887	16.65407	761.2184	761.4	761.1	24.49438	24.6	24.4
10/13/2016 14:55:31	16.67575	16.70082	16.64968	761.286	761.4	761.2	24.65731	24.8	24.6
10/13/2016 15:00:31	16.67575	16.70082	16.64968	761.286	761.4	761.2	24.65731	24.8	24.6
10/13/2016 15:05:31	16.67768	16.69862	16.64764	761.3557	761.4	761.3	24.83806	25	24.7
10/13/2016 15:10:31	16.67754	16.69641	16.64968	761.4	761.4	761.4	25.00541	25.1	24.8
10/13/2016 15:15:31	16.67483	16.69641	16.64823	761.4	761.4	761.4	24.99295	25.1	24.8
10/13/2016 15:20:31	16.67353	16.69421	16.6453	761.3889	761.4	761.3	24.87397	25	24.7
10/13/2016 15:25:31	16.67376	16.70108	16.65588	761.3	761.3	761.3	24.58876	24.7	24.5
10/13/2016 15:30:31	16.67376	16.70108	16.65588	761.3	761.3	761.3	24.58876	24.7	24.5
10/13/2016 15:35:31	16.67425	16.69641	16.65169	761.2529	761.4	761.1	24.29106	24.5	24.2
10/13/2016 15:40:31	16.67425	16.69641	16.65169	761.2529	761.4	761.1	24.29106	24.5	24.2
10/13/2016 15:45:31	16.67488	16.69645	16.65285	761.2973	761.3	761.2	23.93605	24	23.6
10/13/2016 15:50:31	16.67488	16.69645	16.65285	761.2973	761.3	761.2	23.93605	24	23.6
10/13/2016 15:55:31	16.67387	16.70616	16.65308	760.9015	761.1	760.6	23.57981	23.6	23.5
10/13/2016 16:00:31	16.67387	16.70616	16.65308	760.9015	761.1	760.6	23.57981	23.6	23.5
10/13/2016 16:05:31	16.67588	16.70682	16.66164	760.9179	761.1	760.6	23.52353	23.6	23.5
10/13/2016 16:10:31	16.67588	16.70682	16.66164	760.9179	761.1	760.6	23.52353	23.6	23.5
10/13/2016 16:15:31	16.67565	16.69324	16.66138	760.5101	760.6	760.5	23.5741	23.6	23.5
10/13/2016 16:20:31	16.67565	16.69324	16.66138	760.5101	760.6	760.5	23.5741	23.6	23.5
10/13/2016 16:25:31	16.67558	16.70069	16.6498	760.7869	760.9	760.7	23.93697	24	23.9
10/13/2016 16:30:31	16.67558	16.70069	16.6498	760.7869	760.9	760.7	23.93697	24	23.9
10/13/2016 16:35:31	16.67269	16.6998	16.65047	760.698	760.8	760.6	23.83562	23.9	23.6
10/13/2016 16:40:31	16.67266	16.68423	16.65684	760.6485	760.8	760.5	23.58972	23.8	23.5
10/13/2016 16:45:31	16.67392	16.70809	16.65725	760.6879	760.8	760.6	23.37196	23.5	23.2
10/13/2016 16:50:31	16.67735	16.68888	16.65927	760.2784	760.3	760.2	22.96638	23	22.9
10/13/2016 16:55:31	16.67735	16.68888	16.65927	760.2784	760.3	760.2	22.96638	23	22.9
10/13/2016 17:00:31	16.67259	16.68691	16.66146	760.201	760.3	760.2	22.95292	23	22.9
10/13/2016 17:05:31	16.67415	16.68953	16.65813	760.3573	760.5	760.2	22.87866	23	22.7
10/13/2016 17:10:31	16.6743	16.68831	16.6607	760.3279	760.4	760.1	22.59434	22.8	22.4
10/13/2016 17:15:31	14.82819	16.69684	0	760.1387	760.2	760.1	21.86006	22.1	21.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 17:20:31	14.82819	16.69684	0	760.1387	760.2	760.1	21.86006	22.1	21.6
10/13/2016 17:25:31	0	0	0	760.0309	760.1	760	21.6	21.7	21.5
10/13/2016 17:30:31	0	0	0	759.9753	760	759.9	21.5731	21.6	21.5
10/13/2016 17:35:31	0	0	0	759.9232	760	759.9	21.48217	21.6	21.4
10/13/2016 17:40:31	0	0	0	759.9	759.9	759.9	21.4057	21.5	21.4
10/13/2016 17:45:31	0	0	0	759.8652	759.9	759.8	21.27866	21.4	21.2
10/13/2016 17:50:31	0	0	0	759.8	759.8	759.8	21.15951	21.4	21.1
10/13/2016 17:55:31	0	0	0	759.8	759.8	759.8	21.15951	21.4	21.1
10/13/2016 18:00:31	0	0	0	759.8	759.8	759.8	21.04605	21.1	21
10/13/2016 18:05:31	0	0	0	759.7592	759.8	759.7	20.9864	21.1	20.9
10/13/2016 18:10:31	0	0	0	759.7192	759.8	759.7	20.87294	20.9	20.6
10/13/2016 18:15:31	0	0	0	759.7625	759.8	759.7	20.63819	20.9	20.5
10/13/2016 18:20:31	0	0	0	759.7	759.7	759.7	20.50672	20.6	20.4
10/13/2016 18:25:31	0	0	0	759.6869	759.7	759.6	20.40893	20.5	20.3
10/13/2016 18:30:31	0	0	0	759.6277	759.7	759.6	20.31344	20.4	20.3
10/13/2016 18:35:31	0	0	0	759.7	759.7	759.7	20.20528	20.3	19.9
10/13/2016 18:40:31	0	0	0	759.7	759.7	759.7	19.90322	20	19.8
10/13/2016 18:45:31	0	0	0	759.642	759.7	759.6	19.68304	19.8	19.6
10/13/2016 18:50:31	0	0	0	759.642	759.7	759.6	19.68304	19.8	19.6
10/13/2016 18:55:31	0	0	0	759.6418	759.7	759.6	19.58654	19.7	19.4
10/13/2016 19:00:31	0	0	0	759.8993	760.1	759.7	19.31665	19.4	19.2
10/13/2016 19:05:31	0	0	0	760.1176	760.2	760	19.24036	19.3	19.1
10/13/2016 19:10:31	0	0	0	760.2413	760.3	760.1	19.11916	19.2	19
10/13/2016 19:15:31	1.2444	16.6757	0	760.3068	760.4	760.2	19.05075	19.1	19
10/13/2016 19:20:31	1.2444	16.6757	0	760.3068	760.4	760.2	19.05075	19.1	19
10/13/2016 19:25:31	16.67794	16.69525	16.65395	760.3627	760.4	760.3	18.76094	19	18.6
10/13/2016 19:30:31	16.67495	16.70282	16.65175	760.4922	760.6	760.4	18.5921	18.7	18.5
10/13/2016 19:35:31	16.67719	16.69485	16.65758	760.5272	760.6	760.4	18.43934	18.5	18.4
10/13/2016 19:40:31	16.67755	16.69485	16.65978	760.5197	760.6	760.4	18.32565	18.4	18.2
10/13/2016 19:45:31	16.67826	16.68908	16.65978	760.5272	760.6	760.5	18.22021	18.4	18.2
10/13/2016 19:50:31	16.67386	16.69128	16.65978	760.431	760.5	760.4	18.17647	18.2	18
10/13/2016 19:55:31	16.67728	16.69885	16.65978	760.6022	760.7	760.4	18.07534	18.2	18
10/13/2016 20:00:31	16.67345	16.68784	16.65499	760.9479	761	760.9	17.98656	18	17.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 20:05:31	16.67345	16.68784	16.65499	760.9479	761	760.9	17.98656	18	17.9
10/13/2016 20:10:31	16.67508	16.68784	16.66256	761	761	761	17.96288	18	17.9
10/13/2016 20:15:31	16.67361	16.68784	16.66075	760.9274	761	760.9	17.93702	18	17.9
10/13/2016 20:20:31	16.67278	16.69183	16.66256	761	761	761	17.91008	18	17.9
10/13/2016 20:25:31	16.67308	16.68784	16.66256	761	761	761	17.90234	18	17.9
10/13/2016 20:30:31	16.67308	16.68784	16.66256	761	761	761	17.90234	18	17.9
10/13/2016 20:35:31	16.67235	16.68207	16.66256	761	761	761	17.90336	18	17.9
10/13/2016 20:40:31	16.6729	16.68963	16.66036	761.0631	761.1	761	17.89313	17.9	17.8
10/13/2016 20:45:31	16.6729	16.68963	16.66036	761.0631	761.1	761	17.89313	17.9	17.8
10/13/2016 20:50:31	16.67748	16.6954	16.66036	761.1	761.1	761.1	17.87076	17.9	17.6
10/13/2016 20:55:31	16.67709	16.68784	16.65855	761.0903	761.1	761	17.86299	17.9	17.6
10/13/2016 21:00:31	16.67612	16.67987	16.67012	761.1	761.1	761.1	17.82936	17.9	17.6
10/13/2016 21:05:31	16.67245	16.68963	16.66257	761.1	761.1	761.1	17.81261	17.9	17.6
10/13/2016 21:10:31	16.67245	16.68963	16.66257	761.1	761.1	761.1	17.81261	17.9	17.6
10/13/2016 21:15:31	16.67289	16.70336	16.65283	761.1156	761.2	761.1	17.79194	17.9	17.6
10/13/2016 21:20:31	16.67362	16.71669	16.65063	761.2	761.2	761.2	17.75305	17.9	17.6
10/13/2016 21:25:31	16.67362	16.71669	16.65063	761.2	761.2	761.2	17.75305	17.9	17.6
10/13/2016 21:30:31	16.67442	16.69936	16.65461	761.2	761.2	761.2	17.71767	17.9	17.6
10/13/2016 21:35:31	16.67442	16.69936	16.65461	761.2	761.2	761.2	17.71767	17.9	17.6
10/13/2016 21:40:31	16.67335	16.69936	16.65461	761.2	761.2	761.2	17.6975	17.9	17.6
10/13/2016 21:45:31	16.67388	16.70332	16.66215	761.2607	761.3	761.2	17.62689	17.8	17.6
10/13/2016 21:50:31	16.67388	16.70332	16.66215	761.2607	761.3	761.2	17.62689	17.8	17.6
10/13/2016 21:55:31	16.67233	16.7069	16.66215	761.3	761.3	761.3	17.61345	17.8	17.6
10/13/2016 22:00:31	16.67354	16.70111	16.66215	761.3	761.3	761.3	17.60671	17.8	17.6
10/13/2016 22:05:31	16.6726	16.70111	16.65996	761.304	761.4	761.3	17.58976	17.6	17.5
10/13/2016 22:10:31	16.6726	16.70111	16.65996	761.304	761.4	761.3	17.58976	17.6	17.5
10/13/2016 22:15:31	16.6775	16.70111	16.65996	761.3741	761.4	761.3	17.57748	17.6	17.5
10/13/2016 22:20:31	16.67901	16.69891	16.65419	761.4	761.4	761.4	17.5696	17.6	17.5
10/13/2016 22:25:31	16.6767	16.70865	16.64843	761.4	761.4	761.4	17.52922	17.6	17.4
10/13/2016 22:30:31	16.6767	16.70865	16.64843	761.4	761.4	761.4	17.52922	17.6	17.4
10/13/2016 22:35:31	16.67602	16.70865	16.64843	761.4	761.4	761.4	17.50335	17.6	17.4
10/13/2016 22:40:31	16.67482	16.69708	16.65239	761.4	761.4	761.4	17.45395	17.5	17.4
10/13/2016 22:45:31	16.67482	16.69708	16.65239	761.4	761.4	761.4	17.45395	17.5	17.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 22:50:31	16.67288	16.70103	16.64084	761.4	761.4	761.4	17.39985	17.5	17.3
10/13/2016 22:55:31	16.67288	16.70103	16.64084	761.4	761.4	761.4	17.39985	17.5	17.3
10/13/2016 23:00:31	16.67507	16.70103	16.64084	761.4	761.4	761.4	17.3672	17.4	17.3
10/13/2016 23:05:31	16.67809	16.70103	16.64084	761.4	761.4	761.4	17.33362	17.4	17.3
10/13/2016 23:10:31	16.67478	16.68945	16.65057	761.4	761.4	761.4	17.3	17.3	17.3
10/13/2016 23:15:31	16.67417	16.69918	16.64479	761.3975	761.4	761.3	17.27293	17.3	17
10/13/2016 23:20:31	16.67417	16.69918	16.64479	761.3975	761.4	761.3	17.27293	17.3	17
10/13/2016 23:25:31	16.67477	16.70138	16.64699	761.3016	761.4	761.3	17.26065	17.3	17
10/13/2016 23:30:31	16.6746	16.69918	16.65451	761.3303	761.4	761.3	17.21917	17.3	17
10/13/2016 23:35:31	16.67518	16.69559	16.65671	761.3	761.3	761.3	17.22706	17.3	17
10/13/2016 23:40:31	16.67432	16.70531	16.65671	761.3	761.3	761.3	17.21244	17.3	17
10/13/2016 23:45:31	16.67359	16.70531	16.65451	761.353	761.4	761.3	17.19962	17.3	17
10/13/2016 23:50:31	16.67378	16.70311	16.65845	761.4	761.4	761.4	17.12913	17.3	17
10/13/2016 23:55:31	16.67378	16.70311	16.65845	761.4	761.4	761.4	17.12913	17.3	17
10/14/2016 00:00:31	16.67422	16.69339	16.66423	761.4	761.4	761.4	17.0807	17.2	17
10/14/2016 00:05:31	16.67268	16.70703	16.6566	761.4	761.4	761.4	16.99663	17.2	16.9
10/14/2016 00:10:31	16.67354	16.70123	16.6566	761.4	761.4	761.4	16.96285	17	16.9
10/14/2016 00:15:31	16.67354	16.70123	16.6566	761.4	761.4	761.4	16.96285	17	16.9
10/14/2016 00:20:31	16.67531	16.70123	16.6566	761.4	761.4	761.4	16.92691	17	16.9
10/14/2016 00:25:31	16.67381	16.70123	16.6566	761.4	761.4	761.4	16.9	16.9	16.9
10/14/2016 00:30:31	16.67381	16.70123	16.6566	761.4	761.4	761.4	16.9	16.9	16.9
10/14/2016 00:35:31	16.67378	16.70123	16.6566	761.4	761.4	761.4	16.87983	16.9	16.7
10/14/2016 00:40:31	16.67573	16.70123	16.6566	761.4	761.4	761.4	16.88639	16.9	16.8
10/14/2016 00:45:31	16.67563	16.70514	16.6566	761.4	761.4	761.4	16.87747	16.9	16.7
10/14/2016 00:50:31	16.67573	16.70514	16.64894	761.4	761.4	761.4	16.82943	16.9	16.7
10/14/2016 00:55:31	16.67633	16.70514	16.65473	761.4	761.4	761.4	16.83595	16.9	16.7
10/14/2016 01:00:31	16.67562	16.70294	16.6544	761.4283	761.5	761.4	16.86839	16.9	16.7
10/14/2016 01:05:31	16.67562	16.70294	16.6544	761.4283	761.5	761.4	16.86839	16.9	16.7
10/14/2016 01:10:31	16.67605	16.69543	16.65473	761.4037	761.5	761.4	16.89664	16.9	16.8
10/14/2016 01:15:31	16.67362	16.69323	16.64284	761.499	761.5	761.4	16.9235	17	16.9
10/14/2016 01:20:31	16.67362	16.69323	16.64284	761.499	761.5	761.4	16.9235	17	16.9
10/14/2016 01:25:31	16.6743	16.69323	16.66615	761.5	761.5	761.5	16.9237	17	16.9
10/14/2016 01:30:31	16.6743	16.69323	16.66615	761.5	761.5	761.5	16.9237	17	16.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 01:35:31	16.67505	16.68554	16.66395	761.5338	761.6	761.5	16.9158	17	16.9
10/14/2016 01:40:31	16.67468	16.69304	16.65425	761.6	761.6	761.6	16.93021	17	16.9
10/14/2016 01:45:31	16.6779	16.69854	16.65206	761.7	761.7	761.7	17.00438	17.2	16.9
10/14/2016 01:50:31	16.6779	16.69854	16.65206	761.7	761.7	761.7	17.00438	17.2	16.9
10/14/2016 01:55:31	16.67891	16.68883	16.65785	761.7	761.7	761.7	17.19217	17.3	17
10/14/2016 02:00:31	16.67677	16.69257	16.64793	761.7	761.7	761.7	17.29998	17.4	17.2
10/14/2016 02:05:31	16.67677	16.69257	16.64793	761.7	761.7	761.7	17.29998	17.4	17.2
10/14/2016 02:10:31	16.67629	16.68679	16.64793	761.7	761.7	761.7	17.38084	17.5	17.3
10/14/2016 02:15:31	16.67708	16.70622	16.65764	761.7	761.7	761.7	17.55396	17.6	17.5
10/14/2016 02:20:31	16.67708	16.70622	16.65764	761.7	761.7	761.7	17.55396	17.6	17.5
10/14/2016 02:25:31	16.67626	16.70622	16.66158	761.7011	761.8	761.7	17.59662	17.6	17.5
10/14/2016 02:30:31	16.67532	16.70402	16.64782	761.7802	761.8	761.7	17.67058	17.9	17.6
10/14/2016 02:35:31	16.67876	16.69854	16.64815	761.702	761.8	761.7	17.78184	17.9	17.6
10/14/2016 02:40:31	16.67612	16.69683	16.65221	761.598	761.6	761.5	17.87748	17.9	17.8
10/14/2016 02:45:31	16.67612	16.69683	16.65221	761.598	761.6	761.5	17.87748	17.9	17.8
10/14/2016 02:50:31	16.67735	16.69903	16.6544	761.5274	761.6	761.5	17.9	17.9	17.9
10/14/2016 02:55:31	16.67763	16.6987	16.65221	761.6	761.6	761.6	17.91345	18	17.9
10/14/2016 03:00:31	16.67911	16.6987	16.65984	761.6	761.6	761.6	17.92016	18	17.9
10/14/2016 03:05:31	16.67552	16.68899	16.64435	761.6	761.6	761.6	17.97644	18	17.9
10/14/2016 03:10:31	16.67552	16.68899	16.64435	761.6	761.6	761.6	17.97644	18	17.9
10/14/2016 03:15:31	16.67734	16.6987	16.66191	761.5743	761.6	761.5	18.0101	18.1	18
10/14/2016 03:20:31	16.67734	16.6987	16.66191	761.5743	761.6	761.5	18.0101	18.1	18
10/14/2016 03:25:31	16.67705	16.68932	16.66191	761.5051	761.6	761.5	18.02355	18.2	17.9
10/14/2016 03:30:31	16.67352	16.69903	16.66019	761.5	761.5	761.5	18.0506	18.2	18
10/14/2016 03:35:31	16.67352	16.69903	16.66019	761.5	761.5	761.5	18.0506	18.2	18
10/14/2016 03:40:31	16.67365	16.70294	16.64675	761.5	761.5	761.5	18.09748	18.2	18
10/14/2016 03:45:31	16.67365	16.70294	16.64675	761.5	761.5	761.5	18.09748	18.2	18
10/14/2016 03:50:31	16.67877	16.68932	16.67381	761.5	761.5	761.5	18.02351	18.1	18
10/14/2016 03:55:31	16.67877	16.68932	16.67381	761.5	761.5	761.5	18.02351	18.1	18
10/14/2016 04:00:31	16.67642	16.69119	16.64654	761.5	761.5	761.5	18.0168	18.1	18
10/14/2016 04:05:31	16.67822	16.68899	16.65406	761.5822	761.6	761.5	18.02351	18.2	18
10/14/2016 04:10:31	16.6792	16.6987	16.6677	761.6	761.6	761.6	18.08315	18.2	18
10/14/2016 04:15:31	16.6792	16.6987	16.6677	761.6	761.6	761.6	18.08315	18.2	18

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 04:20:31	16.67558	16.69663	16.6537	761.6496	761.7	761.6	18.19328	18.2	18.1
10/14/2016 04:25:31	16.67558	16.69663	16.6537	761.6496	761.7	761.6	18.19328	18.2	18.1
10/14/2016 04:30:31	16.67496	16.6869	16.65553	761.6902	761.7	761.6	18.20671	18.4	18.2
10/14/2016 04:35:31	16.67438	16.6847	16.6458	761.697	761.7	761.6	18.24704	18.4	18.2
10/14/2016 04:40:31	16.6749	16.6869	16.6458	761.6889	761.7	761.6	18.29405	18.4	18.2
10/14/2016 04:45:31	16.67601	16.6869	16.65553	761.6151	761.7	761.6	18.39329	18.4	18.2
10/14/2016 04:50:31	16.67601	16.6869	16.65553	761.6151	761.7	761.6	18.39329	18.4	18.2
10/14/2016 04:55:31	16.67672	16.68679	16.66158	761.7	761.7	761.7	18.40671	18.5	18.4
10/14/2016 05:00:31	16.67672	16.68679	16.66158	761.7	761.7	761.7	18.40671	18.5	18.4
10/14/2016 05:05:31	16.677	16.68679	16.66736	761.7	761.7	761.7	18.41009	18.5	18.4
10/14/2016 05:10:31	16.6774	16.68679	16.67707	761.7	761.7	761.7	18.36299	18.5	18.2
10/14/2016 05:15:31	16.67655	16.68679	16.65764	761.7	761.7	761.7	18.33953	18.4	18.2
10/14/2016 05:20:31	16.67655	16.68679	16.65764	761.7	761.7	761.7	18.33953	18.4	18.2
10/14/2016 05:25:31	16.67623	16.68679	16.65764	761.7	761.7	761.7	18.31256	18.4	18.2
10/14/2016 05:30:31	16.67405	16.69257	16.65764	761.7	761.7	761.7	18.33446	18.4	18.2
10/14/2016 05:35:31	16.67405	16.69257	16.65764	761.7	761.7	761.7	18.33446	18.4	18.2
10/14/2016 05:40:31	16.67393	16.69257	16.66342	761.7	761.7	761.7	18.30419	18.5	18.2
10/14/2016 05:45:31	16.67464	16.6847	16.65553	761.7	761.7	761.7	18.3395	18.4	18.2
10/14/2016 05:50:31	16.67464	16.6847	16.65553	761.7	761.7	761.7	18.3395	18.4	18.2
10/14/2016 05:55:31	16.67317	16.68295	16.6458	761.6859	761.7	761.6	18.38657	18.4	18.2
10/14/2016 06:00:31	16.67197	16.68653	16.64184	761.7	761.7	761.7	18.38989	18.5	18.2
10/14/2016 06:05:31	16.67335	16.69048	16.6613	761.7	761.7	761.7	18.50335	18.6	18.4
10/14/2016 06:10:31	16.67335	16.69048	16.6613	761.7	761.7	761.7	18.50335	18.6	18.4
10/14/2016 06:15:31	16.67459	16.6847	16.66342	761.7	761.7	761.7	18.57076	18.6	18.5
10/14/2016 06:20:31	16.67195	16.6825	16.66123	761.8	761.8	761.8	18.63361	18.7	18.6
10/14/2016 06:25:31	16.67195	16.6825	16.66123	761.8	761.8	761.8	18.63361	18.7	18.6
10/14/2016 06:30:31	16.67314	16.6825	16.66123	761.8	761.8	761.8	18.64387	18.7	18.6
10/14/2016 06:35:31	16.67357	16.6825	16.65333	761.8	761.8	761.8	18.66402	18.7	18.6
10/14/2016 06:40:31	16.67357	16.6825	16.65333	761.8	761.8	761.8	18.66402	18.7	18.6
10/14/2016 06:45:31	16.6785	16.69407	16.65911	761.8	761.8	761.8	18.67645	18.7	18.6
10/14/2016 06:50:31	16.67527	16.69048	16.65911	761.7622	761.8	761.7	18.68655	18.7	18.6
10/14/2016 06:55:31	16.6746	16.69048	16.6613	761.7671	761.8	761.7	18.7	18.7	18.7
10/14/2016 07:00:31	16.6769	16.68829	16.66306	761.8	761.8	761.8	18.70335	18.8	18.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 07:05:31	16.67735	16.69011	16.65911	761.8	761.8	761.8	18.75042	19	18.7
10/14/2016 07:10:31	16.67735	16.69011	16.65911	761.8	761.8	761.8	18.75042	19	18.7
10/14/2016 07:15:31	16.67804	16.68829	16.66306	761.8	761.8	761.8	18.8205	19	18.7
10/14/2016 07:20:31	16.67804	16.68829	16.66306	761.8	761.8	761.8	18.8205	19	18.7
10/14/2016 07:25:31	16.67778	16.68829	16.66306	761.8	761.8	761.8	18.84839	19	18.7
10/14/2016 07:30:31	16.67766	16.68829	16.66488	761.8	761.8	761.8	18.94625	19	18.8
10/14/2016 07:35:31	16.67766	16.68829	16.66488	761.8	761.8	761.8	18.94625	19	18.8
10/14/2016 07:40:31	16.67751	16.68829	16.66306	761.8	761.8	761.8	18.97982	19	18.8
10/14/2016 07:45:31	16.67354	16.68609	16.66086	761.898	761.9	761.8	18.98993	19.1	18.8
10/14/2016 07:50:31	16.67354	16.68609	16.66086	761.898	761.9	761.8	18.98993	19.1	18.8
10/14/2016 07:55:31	16.6752	16.68609	16.65114	761.9	761.9	761.9	18.97982	19	18.8
10/14/2016 08:00:31	16.67623	16.68609	16.66268	761.9	761.9	761.9	18.94956	19.1	18.7
10/14/2016 08:05:31	16.676	16.68783	16.66444	761.964	762	761.9	18.84198	19	18.7
10/14/2016 08:10:31	16.67671	16.69755	16.66444	762	762	762	18.84165	19	18.7
10/14/2016 08:15:31	16.67549	16.69361	16.65867	762	762	762	18.82017	19	18.7
10/14/2016 08:20:31	16.67438	16.69361	16.66444	762.0237	762.1	762	18.7796	19	18.7
10/14/2016 08:25:31	16.67444	16.69141	16.66225	762.0801	762.1	762	18.74723	18.8	18.7
10/14/2016 08:30:31	16.6739	16.68352	16.66406	762.1	762.1	762.1	18.78657	19	18.7
10/14/2016 08:35:31	16.6764	16.68929	16.66186	762.1116	762.2	762.1	18.8504	19	18.7
10/14/2016 08:40:31	16.67715	16.69864	16.6579	762.2	762.2	762.2	19.0022	19.1	18.8
10/14/2016 08:45:31	16.67715	16.69864	16.6579	762.2	762.2	762.2	19.0022	19.1	18.8
10/14/2016 08:50:31	16.67315	16.6871	16.66186	762.2026	762.3	762.2	19.10102	19.2	19
10/14/2016 08:55:31	16.67315	16.6871	16.66186	762.2026	762.3	762.2	19.10102	19.2	19
10/14/2016 09:00:31	16.67642	16.68891	16.65571	762.2969	762.3	762.2	19.16757	19.3	19.1
10/14/2016 09:05:31	16.67642	16.68891	16.65571	762.2969	762.3	762.2	19.16757	19.3	19.1
10/14/2016 09:10:31	16.67492	16.69248	16.65571	762.299	762.3	762.2	19.26302	19.3	19.1
10/14/2016 09:15:31	16.67208	16.68451	16.65351	762.3973	762.4	762.3	19.37747	19.6	19.3
10/14/2016 09:20:31	16.67208	16.68451	16.65351	762.3973	762.4	762.3	19.37747	19.6	19.3
10/14/2016 09:25:31	16.67396	16.69028	16.66106	762.4	762.4	762.4	19.58187	19.6	19.4
10/14/2016 09:30:31	16.67396	16.69028	16.66106	762.4	762.4	762.4	19.58187	19.6	19.4
10/14/2016 09:35:31	16.67288	16.68809	16.66106	762.407	762.5	762.4	19.65393	19.7	19.6
10/14/2016 09:40:31	16.67417	16.68631	16.66106	762.4227	762.5	762.4	19.73024	19.9	19.7
10/14/2016 09:45:31	16.67453	16.69782	16.66463	762.5	762.5	762.5	19.90337	20	19.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 09:50:31	16.67453	16.69782	16.66463	762.5	762.5	762.5	19.90337	20	19.9
10/14/2016 09:55:31	16.67592	16.69742	16.6509	762.5	762.5	762.5	20.08769	20.3	20
10/14/2016 10:00:31	16.67592	16.69742	16.6509	762.5	762.5	762.5	20.08769	20.3	20
10/14/2016 10:05:31	16.67658	16.70318	16.6469	762.5	762.5	762.5	20.21026	20.3	20
10/14/2016 10:10:31	16.67387	16.69918	16.66013	762.5	762.5	762.5	20.2832	20.3	20.2
10/14/2016 10:15:31	16.67335	16.69116	16.64061	762.5	762.5	762.5	20.32372	20.4	20.3
10/14/2016 10:20:31	16.67488	16.6946	16.65379	762.5	762.5	762.5	20.42729	20.6	20.4
10/14/2016 10:25:31	16.67535	16.69864	16.65953	762.5	762.5	762.5	20.59995	20.8	20.5
10/14/2016 10:30:31	16.67338	16.7107	16.65209	762.5	762.5	762.5	20.83244	20.9	20.6
10/14/2016 10:35:31	16.67582	16.70267	16.64818	762.5201	762.6	762.5	21.0708	21.4	21
10/14/2016 10:40:31	16.67582	16.70267	16.64818	762.5201	762.6	762.5	21.0708	21.4	21
10/14/2016 10:45:31	16.6762	16.6946	16.65767	762.4911	762.6	762.4	21.35494	21.4	21.2
10/14/2016 10:50:31	16.6762	16.6946	16.65767	762.4911	762.6	762.4	21.35494	21.4	21.2
10/14/2016 10:55:31	16.67342	16.70267	16.64164	762.4808	762.5	762.4	21.58087	21.6	21.5
10/14/2016 11:00:31	16.67342	16.70267	16.64164	762.4808	762.5	762.4	21.58087	21.6	21.5
10/14/2016 11:05:31	16.67416	16.69116	16.65379	762.5	762.5	762.5	21.57985	21.6	21.5
10/14/2016 11:10:31	16.67288	16.6946	16.66186	762.5	762.5	762.5	21.48889	21.6	21.4
10/14/2016 11:15:31	16.67648	16.69851	16.65362	762.4481	762.5	762.4	21.42923	21.5	21.4
10/14/2016 11:20:31	16.67297	16.70761	16.65121	762.3712	762.4	762.3	21.53482	21.6	21.4
10/14/2016 11:25:31	16.6737	16.7002	16.65175	762.3419	762.5	762.3	21.68421	22	21.5
10/14/2016 11:30:31	16.67574	16.70593	16.65121	762.3359	762.5	762.3	22.02007	22.2	21.7
10/14/2016 11:35:31	16.67803	16.69829	16.65165	762.3531	762.4	762.3	22.50613	22.7	22.3
10/14/2016 11:40:31	16.67803	16.69829	16.65165	762.3531	762.4	762.3	22.50613	22.7	22.3
10/14/2016 11:45:31	16.67372	16.69415	16.64338	762.3	762.3	762.3	22.71048	22.9	22.6
10/14/2016 11:50:31	16.67625	16.70021	16.64375	762.3597	762.5	762.3	23.08796	23.3	22.9
10/14/2016 11:55:31	16.67625	16.70021	16.64375	762.3597	762.5	762.3	23.08796	23.3	22.9
10/14/2016 12:00:31	16.67599	16.70021	16.64595	762.3611	762.4	762.3	23.30335	23.4	23.2
10/14/2016 12:05:31	16.67599	16.70021	16.64595	762.3611	762.4	762.3	23.30335	23.4	23.2
10/14/2016 12:10:31	16.67647	16.69509	16.65418	762.3	762.3	762.3	23.35277	23.4	23.2
10/14/2016 12:15:31	16.67647	16.69509	16.65418	762.3	762.3	762.3	23.35277	23.4	23.2
10/14/2016 12:20:31	16.674	16.68994	16.65887	762.2	762.2	762.2	23.1597	23.3	23
10/14/2016 12:25:31	16.674	16.68994	16.65887	762.2	762.2	762.2	23.1597	23.3	23
10/14/2016 12:30:31	16.67393	16.69376	16.65125	762.1	762.1	762.1	23.02014	23.2	23

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 12:35:31	16.67393	16.69376	16.65125	762.1	762.1	762.1	23.02014	23.2	23
10/14/2016 12:40:31	16.67472	16.69024	16.66077	762.0232	762.1	762	22.98319	23	22.9
10/14/2016 12:45:31	16.67472	16.69024	16.66077	762.0232	762.1	762	22.98319	23	22.9
10/14/2016 12:50:31	16.67291	16.69024	16.64112	761.999	762	761.9	22.98972	23	22.9
10/14/2016 12:55:31	16.6767	16.6949	16.65059	761.9047	762	761.9	22.98322	23	22.9
10/14/2016 13:00:31	16.6767	16.6949	16.65059	761.9047	762	761.9	22.98322	23	22.9
10/14/2016 13:05:31	16.67334	16.69529	16.63991	761.7086	761.8	761.7	23.40218	23.5	23.2
10/14/2016 13:10:31	16.67334	16.69529	16.63991	761.7086	761.8	761.7	23.40218	23.5	23.2
10/14/2016 13:15:31	16.67833	16.70631	16.65962	761.6768	761.7	761.5	23.95731	24	23.9
10/14/2016 13:20:31	16.67833	16.70631	16.65962	761.6768	761.7	761.5	23.95731	24	23.9
10/14/2016 13:25:31	16.67534	16.70346	16.65459	761.5208	761.6	761.5	24.18656	24.2	24.1
10/14/2016 13:30:31	16.67534	16.70346	16.65459	761.5208	761.6	761.5	24.18656	24.2	24.1
10/14/2016 13:35:31	16.67473	16.69619	16.6386	761.4974	761.5	761.4	24.17627	24.2	24.1
10/14/2016 13:40:31	16.67603	16.69887	16.65482	761.4078	761.5	761.4	24.18418	24.4	24.1
10/14/2016 13:45:31	16.67661	16.69735	16.64649	761.4	761.4	761.4	24.17627	24.2	24.1
10/14/2016 13:50:31	16.67564	16.69421	16.65464	761.3365	761.4	761.2	24.22492	24.4	24.1
10/14/2016 13:55:31	16.67411	16.6969	16.65169	761.302	761.4	761.3	24.43376	24.6	24.2
10/14/2016 14:00:31	16.67499	16.6978	16.65188	761.0684	761.2	761	24.59327	24.7	24.5
10/14/2016 14:05:31	16.67499	16.6978	16.65188	761.0684	761.2	761	24.59327	24.7	24.5
10/14/2016 14:10:31	16.67349	16.69971	16.63957	760.7594	761	760.4	24.81105	25	24.6
10/14/2016 14:15:31	16.67349	16.69971	16.63957	760.7594	761	760.4	24.81105	25	24.6
10/14/2016 14:20:31	16.67555	16.69276	16.65938	760.6082	760.7	760.5	25.04925	25.2	24.8
10/14/2016 14:25:31	16.67718	16.70632	16.6559	760.4703	760.6	760.4	25.13697	25.2	25.1
10/14/2016 14:30:31	16.67547	16.69799	16.65119	760.3259	760.4	760.3	25.19764	25.3	25.1
10/14/2016 14:35:31	16.67442	16.70727	16.64831	760.2012	760.3	760.1	25.30456	25.6	25.2
10/14/2016 14:40:31	16.67621	16.70499	16.64252	760.1642	760.2	760.1	25.80125	26	25.7
10/14/2016 14:45:31	16.67621	16.70499	16.64252	760.1642	760.2	760.1	25.80125	26	25.7
10/14/2016 14:50:31	16.67348	16.68875	16.64032	760.1963	760.2	760.1	25.92372	26	25.9
10/14/2016 14:55:30	16.67349	16.69026	16.65617	760.2	760.2	760.2	25.91577	26	25.9
10/14/2016 15:00:31	16.67403	16.69813	16.65559	760.1151	760.2	760.1	25.73596	25.9	25.7
10/14/2016 15:05:31	16.67403	16.69813	16.65559	760.1151	760.2	760.1	25.73596	25.9	25.7
10/14/2016 15:10:31	16.67449	16.68817	16.65842	760.148	760.2	760.1	25.46501	25.6	25.3
10/14/2016 15:15:31	16.67449	16.68817	16.65842	760.148	760.2	760.1	25.46501	25.6	25.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 15:20:31	16.67306	16.68537	16.65132	760.1627	760.2	760.1	25.29206	25.4	25.2
10/14/2016 15:25:31	16.67397	16.69309	16.65198	760.1879	760.2	760.1	25.17961	25.2	25.1
10/14/2016 15:30:31	16.67397	16.69309	16.65198	760.1879	760.2	760.1	25.17961	25.2	25.1
10/14/2016 15:35:31	16.67398	16.68817	16.66122	760.1272	760.2	760.1	25.00673	25.1	25
10/14/2016 15:40:31	16.67398	16.68817	16.66122	760.1272	760.2	760.1	25.00673	25.1	25
10/14/2016 15:45:31	16.67383	16.69809	16.64708	760.1	760.1	760.1	24.80714	25	24.7
10/14/2016 15:50:31	16.67383	16.69809	16.64708	760.1	760.1	760.1	24.80714	25	24.7
10/14/2016 15:55:31	16.67309	16.69094	16.63996	760.1	760.1	760.1	24.73729	25	24.7
10/14/2016 16:00:31	16.67513	16.70085	16.65408	760.1	760.1	760.1	24.66282	24.7	24.6
10/14/2016 16:05:31	16.67513	16.70085	16.65408	760.1	760.1	760.1	24.66282	24.7	24.6
10/14/2016 16:10:31	16.67298	16.70007	16.65408	760.0521	760.1	760	24.59664	24.6	24.5
10/14/2016 16:15:31	16.67378	16.69314	16.64638	760	760	760	24.47856	24.6	24.4
10/14/2016 16:20:31	16.67587	16.69535	16.65571	759.9601	760	759.9	24.3597	24.5	24.2
10/14/2016 16:25:31	16.67198	16.68323	16.65131	760.0031	760.1	760	24.44894	24.5	24.2
10/14/2016 16:30:31	16.67198	16.68323	16.65131	760.0031	760.1	760	24.44894	24.5	24.2
10/14/2016 16:35:30	16.67112	16.68597	16.65059	760	760	760	24.30458	24.5	24.2
10/14/2016 16:40:31	16.67442	16.69549	16.6553	760.0121	760.1	760	23.94605	24	23.8
10/14/2016 16:45:31	16.67442	16.69549	16.6553	760.0121	760.1	760	23.94605	24	23.8
10/14/2016 16:50:31	16.67244	16.68978	16.65073	760.058	760.1	760	23.44146	23.6	23.3
10/14/2016 16:55:31	16.67244	16.68978	16.65073	760.058	760.1	760	23.44146	23.6	23.3
10/14/2016 17:00:30	16.67387	16.70223	16.66059	760.0501	760.1	760	23.06736	23.3	22.9
10/14/2016 17:05:31	16.67649	16.68471	16.65512	759.9249	760	759.9	22.79546	22.9	22.7
10/14/2016 17:10:30	16.67538	16.6892	16.65771	759.963	760	759.9	22.70001	22.8	22.6
10/14/2016 17:15:31	16.67707	16.69492	16.66219	760	760	760	22.50419	22.7	22.3
10/14/2016 17:20:31	16.67569	16.69904	16.64032	759.996	760.1	759.9	22.2156	22.4	22.1
10/14/2016 17:25:31	16.67305	16.6917	16.65075	759.9722	760	759.9	21.85491	22	21.7
10/14/2016 17:30:31	16.67305	16.6917	16.65075	759.9722	760	759.9	21.85491	22	21.7
10/14/2016 17:35:31	16.67467	16.69227	16.6497	759.9359	760	759.9	21.67624	21.7	21.6
10/14/2016 17:40:31	16.6729	16.68323	16.66026	759.9	759.9	759.9	21.14941	21.2	21.1
10/14/2016 17:45:30	16.6729	16.68323	16.66026	759.9	759.9	759.9	21.14941	21.2	21.1
10/14/2016 17:50:31	16.67211	16.69136	16.65046	759.9	759.9	759.9	20.89331	21	20.8
10/14/2016 17:55:30	16.67211	16.69136	16.65046	759.9	759.9	759.9	20.89331	21	20.8
10/14/2016 18:00:31	16.67629	16.68796	16.66262	759.9	759.9	759.9	20.41557	20.5	20.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 18:05:30	16.67629	16.68796	16.66262	759.9	759.9	759.9	20.41557	20.5	20.3
10/14/2016 18:10:31	16.6753	16.68624	16.65516	759.903	760	759.9	20.01659	20.2	19.9
10/14/2016 18:15:30	16.6753	16.68624	16.65516	759.903	760	759.9	20.01659	20.2	19.9
10/14/2016 18:20:31	16.67498	16.68632	16.65516	759.9561	760	759.9	19.65277	19.7	19.4
10/14/2016 18:25:31	16.67498	16.68632	16.65516	759.9561	760	759.9	19.65277	19.7	19.4
10/14/2016 18:30:31	16.67391	16.69033	16.66101	759.9658	760	759.9	19.29536	19.4	19.2
10/14/2016 18:35:31	16.67391	16.69033	16.66101	759.9658	760	759.9	19.29536	19.4	19.2
10/14/2016 18:40:31	16.67143	16.69033	16.65123	759.9839	760	759.9	19.05609	19.1	19
10/14/2016 18:45:31	16.67143	16.69033	16.65123	759.9839	760	759.9	19.05609	19.1	19
10/14/2016 18:50:31	16.67051	16.7001	16.65123	760	760	760	18.92229	19	18.7
10/14/2016 18:55:30	16.67101	16.69033	16.66101	760	760	760	18.72274	18.8	18.7
10/14/2016 19:00:31	16.677	16.68812	16.64904	760.0953	760.1	760	18.61343	18.7	18.6
10/14/2016 19:05:31	16.67637	16.68812	16.65661	760.1418	760.2	760.1	18.57627	18.6	18.5
10/14/2016 19:10:31	16.67353	16.69966	16.65259	760.1249	760.2	760.1	18.49639	18.6	18.4
10/14/2016 19:15:30	16.67353	16.69966	16.65259	760.1249	760.2	760.1	18.49639	18.6	18.4
10/14/2016 19:20:30	14.86495	16.70141	0	760.0978	760.1	760	18.47068	18.5	18.4
10/14/2016 19:25:30	0	0	0	760.102	760.2	760	18.46426	18.6	18.4
10/14/2016 19:30:31	0	0	0	760.1252	760.2	760.1	18.50907	18.6	18.4
10/14/2016 19:35:31	0	0	0	760.2655	760.3	760.2	18.54625	18.6	18.5
10/14/2016 19:40:31	0	0	0	760.2655	760.3	760.2	18.54625	18.6	18.5
10/14/2016 19:45:31	0	0	0	760.3681	760.5	760.3	18.52251	18.6	18.5
10/14/2016 19:50:31	0	0	0	760.3681	760.5	760.3	18.52251	18.6	18.5
10/14/2016 19:55:30	0	0	0	760.4731	760.5	760.4	18.50985	18.6	18.4

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
23.51242	23.7	23.4	0	0	0	2.87389	3	2.69999	24.00049	0	24	2.2E+08
20.5964	23.5	20.4	0	0	0	0.72155	0.9	0.5	24.00049	0	24	2.2E+08
20.54429	20.7	20.4	0	0	0	0.74967	0.9	0.5	24.00049	0	24	2.2E+08
20.59059	20.7	20.5	0	0	0	0.92013	1.1	0.8	24.00049	0	24	2.2E+08
20.63759	20.8	20.4	0	0	0	0.96643	1.3	0.8	24.00049	0	24	2.2E+08
20.78724	21.1	20.7	0	0	0	1.03018	1.3	0.69999	24.00049	0	24	2.2E+08
20.78724	21.1	20.7	0	0	0	1.03018	1.3	0.69999	24.00049	0	24	2.2E+08
20.65906	20.8	20.5	0	0	0	1.4114	1.6	0.99999	24.00049	0	24	2.2E+08
20.69663	20.8	20.5	0	0	0	1.44027	1.6	1.4	24.00049	0	24	2.2E+08
21.00382	21.2	20.8	41.11971	149.2076	0	1.2629	1.49999	1.09999	24.00049	0	24	2.2E+08
21.00602	21.2	20.7	0	0	0	1.57183	1.8	1.3	24.00049	6.32612	24	2.2E+08
20.09527	20.49999	19.8	2.61887	10.7507	0	1.56214	1.9	1.1	24.00158	0	24	2.2E+08
20.09527	20.49999	19.8	2.61887	10.7507	0	1.56214	1.9	1.1	24.00158	0	24	2.2E+08
19.88657	20.19999	19.69999	0	0	0	1.76644	1.9	1.5	24.00158	0	24	2.2E+08
19.72952	19.9	19.49999	0	0	0	1.88389	2.1	1.7	24.00158	0	24	2.2E+08
19.78791	19.9	19.59999	0	0	0	1.82551	2	1.7	24.00158	0	24	2.2E+08
19.83355	20.09999	19.69999	0	0	0	1.73625	1.9	1.4	24.00158	0	24	2.2E+08
19.92014	20.19999	19.8	0	0	0	1.65972	1.8	1.4	24.00158	0	24	2.2E+08
20.10875	20.4	19.8	0	0	0	1.47783	1.8	1.2	24.00158	0	24	2.2E+08
20.10875	20.4	19.8	0	0	0	1.47783	1.8	1.2	0.05749	0.02021	0.05861	2.2E+08
21.83743	22.3	21.49999	10.39436	10.52904	10.16883	3.12102	3.5	2.4	0.14085	0.05554	0.14222	2.2E+08
21.70734	22.09999	21.49999	10.54336	10.63987	10.39049	3.19869	3.5	2.8	0.22423	0.03532	0.22555	2.2E+08
21.70734	22.09999	21.49999	10.54336	10.63987	10.39049	3.19869	3.5	2.8	0.3076	0.0607	0.30861	2.2E+08
21.82419	21.99999	21.59999	10.88684	11.02778	10.69528	3.00936	3.4	2.7	0.39097	0.03534	0.39222	2.2E+08
21.82419	21.99999	21.59999	10.88684	11.02778	10.69528	3.00936	3.1	2.6	0.47435	0.0051	0.47555	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
22.04698	22.19999	21.9	11.00108	11.1109	10.88924	2.8322	3.1	2.6	0.55771	0	0.55861	2.2E+08
21.6375	21.99999	21.4	11.09822	11.24944	10.97236	3.32556	3.8	3.1	0.64108	0.02561	0.64222	2.2E+08
21.32882	21.59999	20.9	11.16259	11.36028	11.02778	3.40072	3.8	3.1	0.72445	0.07041	0.72527	2.2E+08
21.18789	21.4	20.99999	11.32243	11.4434	11.16632	3.30204	3.6	3.1	0.80783	0.03521	0.80888	2.2E+08
21.18789	21.4	20.99999	11.32243	11.4434	11.16632	3.30204	3.6	3.1	0.8912	0	0.89194	2.2E+08
20.50133	20.8	20.3	11.45799	11.58194	11.36028	3.57782	3.8	3.2	0.97458	0.03516	0.97555	2.2E+08
20.50133	20.8	20.3	11.45799	11.58194	11.36028	3.57782	3.8	3.2	1.05796	0.05545	1.05861	2.2E+08
20.4564	20.8	20.3	11.45799	11.52652	11.38798	3.43956	3.6	3.1	1.14134	0	1.14194	2.2E+08
20.38328	20.49999	20.19999	11.43194	11.52652	11.36028	3.208	3.3	2.8	1.22471	0.07029	1.22555	2.2E+08
20.35304	20.49999	20.19999	11.43438	11.55423	11.30486	3.08653	3.3	2.8	1.30808	0.0689	1.30861	2.2E+08
19.99795	20.19999	19.8	11.37701	11.52652	11.22173	3.0658	3.3	2.8	1.39146	0.10515	1.39222	2.2E+08
20.26442	20.4	19.9	11.44146	11.63736	11.22173	2.7255	3.1	2.5	1.47483	0.03511	1.47555	2.2E+08
20.26442	20.4	19.9	11.44146	11.63736	11.22173	2.7255	3.1	2.5	1.5582	0.03507	1.55861	2.2E+08
19.90128	20.19999	19.8	11.5667	11.69277	11.47111	3.06514	3.2	2.8	1.64157	0	1.64194	2.2E+08
19.50264	19.69999	19.19999	11.52671	11.66506	11.41569	3.26981	3.4	2.8	1.72496	0	1.72527	2.2E+08
19.41144	19.49999	19.19999	11.56725	11.66506	11.47111	3.0275	3.4	2.8	1.80834	0.00783	1.80861	2.2E+08
19.68051	19.8	19.59999	11.56753	11.63736	11.47111	2.45574	2.6	2.2	1.89172	0.07013	1.89222	2.2E+08
19.68051	19.8	19.59999	11.56753	11.63736	11.47111	2.45574	2.6	2.2	1.9751	0	1.97527	2.2E+08
19.60539	19.8	19.49999	11.57711	11.66506	11.47111	2.47853	2.6	2.2	2.05845	0	2.05888	2.2E+08
19.51278	19.59999	19.3	11.61169	11.69277	11.52652	2.52681	2.7	2.4	2.14181	0.02243	2.14194	2.2E+08
19.53692	19.69999	19.3	11.62221	11.69277	11.55423	2.359	2.5	2.1	2.22518	0.07003	2.22555	2.2E+08
19.21341	19.3	19.19999	11.64581	11.72048	11.55423	2.53156	2.8	2.4	2.30856	0	2.30888	2.2E+08
19.21341	19.3	19.19999	11.64581	11.72048	11.55423	2.53156	2.8	2.4	2.39192	0.06995	2.39194	2.2E+08
19.10275	19.19999	18.9	11.68765	11.7759	11.52652	2.59994	2.7	2.5	2.47529	0.03493	2.47527	2.2E+08
18.65431	18.99999	18.49999	11.73406	11.85902	11.60965	2.98595	3.1	2.6	2.55866	0.01446	2.55861	2.2E+08
18.4027	18.49999	18.3	11.77079	11.88673	11.66506	2.94234	3.2	2.7	2.64204	0	2.64194	2.2E+08
18.13357	18.3	18.09999	11.79507	11.88673	11.72048	2.76911	2.9	2.3	2.7254	0.08368	2.72555	2.2E+08
18.13357	18.3	18.09999	11.79507	11.88673	11.72048	2.76911	2.9	2.3	2.80876	0.05536	2.80861	2.2E+08
18.04094	18.09999	17.9	11.77256	11.83131	11.66506	2.37181	2.6	2.2	2.89213	0.01434	2.89222	2.2E+08
18.04094	18.09999	17.9	11.77256	11.83131	11.66506	2.37181	2.6	2.2	2.97552	0.13934	2.97527	2.2E+08
17.92285	18.09999	17.8	11.75556	11.83131	11.69277	2.36706	2.5	2.2	3.05887	0.03484	3.05861	2.2E+08
17.81007	17.9	17.8	11.75841	11.83131	11.69277	2.22881	2.4	2.1	3.14223	0.06156	3.14194	2.2E+08
17.51876	17.69999	17.4	11.77208	11.85902	11.69277	2.18792	2.3	2	3.2256	0.049	3.22555	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.51876	17.69999	17.4	11.77208	11.85902	11.69277	2.18792	2.3	2	3.309	0.049	3.30861	2.2E+08
17.35371	17.49999	17.3	11.82581	11.96985	11.72048	1.98992	2.1	1.9	3.39237	0.0696	3.39222	2.2E+08
17.35371	17.49999	17.3	11.82581	11.96985	11.72048	1.98992	2.1	1.9	3.47575	0	3.47527	2.2E+08
17.28994	17.3	17.19999	11.81801	11.91443	11.74819	1.92278	2.1	1.8	3.55912	0	3.55861	2.2E+08
17.22613	17.3	17.19999	11.83178	11.91443	11.74819	1.73688	1.8	1.6	3.64248	0	3.64222	2.2E+08
17.22613	17.3	17.19999	11.83178	11.91443	11.74819	1.73688	1.8	1.6	3.72585	0.01421	3.72527	2.2E+08
17.21675	17.3	17.19999	11.89165	11.99756	11.74819	1.46645	1.6	1.3	3.80925	0.02055	3.80888	2.2E+08
17.21675	17.3	17.19999	11.89165	11.99756	11.74819	1.46645	1.6	1.3	3.89265	0.03476	3.89194	2.2E+08
17.01412	17.19999	16.8	11.90829	11.99756	11.8036	1.52211	1.7	1.3	3.97602	0.02057	3.97555	2.2E+08
17.01412	17.19999	16.8	11.90829	11.99756	11.8036	1.52211	1.7	1.3	4.05941	0.0552	4.05861	2.2E+08
16.98725	17.19999	16.8	11.90907	12.02527	11.7759	1.46242	1.5	1.3	4.14276	0	4.14194	2.2E+08
16.902	17.09999	16.8	11.99147	12.08069	11.88673	1.47112	1.5	1.3	4.22611	0.03472	4.22527	2.2E+08
16.94354	17.19999	16.9	12.02016	12.1361	11.94214	1.31686	1.5	1	4.30946	0	4.30861	2.2E+08
16.88992	16.9	16.8	12.02334	12.1361	11.94214	1.31007	1.4	1.3	4.39281	0.05529	4.39194	2.2E+08
16.86642	16.9	16.8	12.00519	12.10839	11.85902	1.31004	1.4	1.2	4.47618	0.03471	4.47527	2.2E+08
16.88726	16.9	16.8	12.01383	12.10839	11.85902	1.17576	1.3	1.1	4.55955	0	4.55861	2.2E+08
16.88725	16.9	16.8	11.95284	12.05298	11.85902	1.10939	1.2	0.8	4.64293	0	4.64222	2.2E+08
16.89664	17.09999	16.8	11.9331	12.05298	11.83131	1.06643	1.2	0.8	4.7263	0	4.72527	2.2E+08
16.90337	17.19999	16.8	11.87454	11.94214	11.7759	1.02345	1	0.7	4.80966	0	4.80888	2.2E+08
16.95028	17.19999	16.9	11.83252	11.91443	11.72048	0.94635	1	0.7	4.89304	0.0553	4.89194	2.2E+08
16.94023	17.19999	16.8	11.8513	11.94214	11.7759	0.95304	1.1	0.7	4.97642	0	4.97527	2.2E+08
16.88995	17.09999	16.8	11.89751	11.99756	11.8036	0.99324	1.1	0.5	5.05978	0.03471	5.05861	2.2E+08
16.88184	17.09999	16.8	11.94727	12.05298	11.8036	0.98664	1.1	0.5	5.14313	0	5.14194	2.2E+08
16.77653	16.8	16.69999	11.95061	12.05298	11.85902	0.90601	1.1	0.8	5.22649	0.03471	5.22555	2.2E+08
16.77653	16.8	16.69999	11.95061	12.05298	11.85902	0.90601	1.1	0.7	5.30984	0	5.30888	2.2E+08
16.80338	16.9	16.59999	11.92846	12.02527	11.83131	0.83016	1.1	0.7	5.39319	0	5.39194	2.2E+08
16.8705	16.9	16.8	11.94373	12.02527	11.83131	0.72276	0.8	0.6	5.47655	0.02058	5.47555	2.2E+08
16.8396	16.9	16.8	11.92512	11.99756	11.83131	0.74766	0.8	0.6	5.5599	0	5.55888	2.2E+08
16.8396	16.9	16.8	11.92512	11.99756	11.83131	0.74766	0.8	0.6	5.64325	0.02057	5.64194	2.2E+08
16.78994	16.8	16.69999	12.06684	12.1361	11.96985	0.7966	1	0.7	5.72661	0	5.72555	2.2E+08
16.78994	16.8	16.69999	12.06684	12.1361	11.96985	0.7966	1	0.7	5.80998	0.02059	5.80861	2.2E+08
16.62013	16.8	16.59999	12.1348	12.24693	12.05298	0.91008	1	0.7	5.89333	0	5.89222	2.2E+08
16.62013	16.8	16.59999	12.1348	12.24693	12.05298	0.91008	1	0.7	5.97668	0	5.97527	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.60334	16.69999	16.59999	12.08786	12.1638	11.99756	0.92619	1	0.8	6.06004	0.01406	6.05861	2.2E+08
16.58991	16.59999	16.49999	12.03457	12.10839	11.94214	0.9168	1	0.8	6.14341	0.06151	6.14194	2.2E+08
16.59664	16.59999	16.49999	12.03414	12.1361	11.91443	0.88658	0.9	0.8	6.22678	0.02059	6.22527	2.2E+08
16.55637	16.59999	16.49999	12.01449	12.1361	11.85902	0.86644	1	0.8	6.31016	0.05526	6.30888	2.2E+08
16.55637	16.59999	16.49999	12.01449	12.1361	11.85902	0.86644	1	0.7	6.39353	0.03465	6.39222	2.2E+08
16.54964	16.59999	16.49999	12.0289	12.1361	11.91443	0.85372	1	0.7	6.47688	0.03468	6.47527	2.2E+08
16.49662	16.59999	16.3	12.02173	12.10839	11.94214	0.85304	1.1	0.7	6.56023	0.06933	6.55888	2.2E+08
16.49662	16.59999	16.3	12.02173	12.10839	11.94214	0.85304	1.1	0.7	6.6436	0.03466	6.64194	2.2E+08
16.37582	16.49999	16.19999	11.95861	12.08069	11.83131	0.9309	1.1	0.8	6.72698	0.00658	6.72555	2.2E+08
16.37246	16.49999	16.3	11.95861	12.08069	11.83131	0.9309	1	0.5	6.81038	0.03466	6.80888	2.2E+08
16.37246	16.49999	16.3	11.99042	12.08069	11.83131	0.90741	1	0.7	6.89377	0.00655	6.89194	2.2E+08
16.3738	16.49999	16.3	11.98565	12.08069	11.88673	0.9094	1	0.7	6.97716	0.03466	6.97527	2.2E+08
16.43422	16.49999	16.3	11.97786	12.08069	11.85902	0.83893	1	0.5	7.06054	0.02808	7.05861	2.2E+08
16.35727	16.49999	16.19999	12.05607	12.1638	11.94214	0.88552	1.1	0.5	7.14393	0	7.14222	2.2E+08
16.50336	16.59999	16.49999	12.02487	12.10839	11.94214	0.71009	0.8	0.5	7.2273	0	7.22555	2.2E+08
16.43627	16.49999	16.19999	11.97534	12.10839	11.85902	0.76035	1.1	0.5	7.31068	0.014	7.30888	2.2E+08
16.43627	16.49999	16.19999	11.97534	12.10839	11.85902	0.76035	1	0.5	7.39407	0.01442	7.39194	2.2E+08
16.37247	16.49999	16.3	11.96492	12.08069	11.83131	0.77721	1	0.5	7.47745	0.03463	7.47527	2.2E+08
16.37915	16.49999	16.3	11.97913	12.08069	11.85902	0.72618	1	0.5	7.56083	0.03464	7.55861	2.2E+08
16.24632	16.3	16.19999	11.99905	12.10839	11.88673	0.7671	0.9	0.7	7.64419	0.0614	7.64222	2.2E+08
16.24632	16.3	16.19999	11.99905	12.10839	11.88673	0.7671	0.9	0.7	7.72757	0	7.72527	2.2E+08
16.24275	16.3	16.19999	11.98943	12.08069	11.88673	0.74377	1	0.6	7.81093	0.06923	7.80861	2.2E+08
16.29665	16.3	16.19999	11.93461	12.08069	11.83131	0.67985	0.8	0.6	7.89429	0.01398	7.89222	2.2E+08
16.28993	16.49999	16.19999	11.89052	11.96985	11.8036	0.64696	0.8	0.5	7.97767	0.10382	7.97527	2.2E+08
16.14966	16.19999	15.99999	11.83065	11.91443	11.74819	0.76976	1	0.7	8.06104	0	8.05888	2.2E+08
16.14966	16.19999	15.99999	11.83065	11.91443	11.74819	0.76976	1	0.7	8.1444	0.03459	8.14194	2.2E+08
16.17748	16.3	15.99999	11.81396	11.88673	11.74819	0.72924	0.8	0.7	8.22781	0.03462	8.22555	2.2E+08
16.19999	16.19999	16.19999	11.81448	11.91443	11.74819	0.70336	0.8	0.7	8.31124	0	8.30861	2.2E+08
16.04273	16.19999	15.99999	11.824	11.91443	11.72048	0.84042	0.9	0.7	8.39468	0.00783	8.39222	2.2E+08
16.04273	16.19999	15.99999	11.824	11.91443	11.72048	0.84042	0.9	0.7	8.47809	0	8.47527	2.2E+08
15.95283	15.99999	15.9	11.8179	11.96985	11.74819	0.89333	1	0.7	8.56154	0.0346	8.55861	2.2E+08
16.15624	16.3	15.99999	11.83049	11.94214	11.74819	0.61444	0.8	0.4	8.64498	0.04127	8.64222	2.2E+08
16.15624	16.3	15.99999	11.83049	11.94214	11.74819	0.61444	0.8	0.5	8.72843	0.01397	8.72555	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.14713	16.19999	15.99999	11.86126	11.96985	11.74819	0.62691	0.8	0.5	8.81189	0.0346	8.80861	2.2E+08
15.98318	15.99999	15.9	11.94241	12.05298	11.8036	0.76395	0.9	0.7	8.89533	0.06915	8.89222	2.2E+08
15.98318	15.99999	15.9	11.94241	12.05298	11.8036	0.76395	0.9	0.7	8.97876	0.01395	8.97527	2.2E+08
15.98994	15.99999	15.9	11.9467	12.02527	11.8036	0.71004	0.8	0.6	9.06224	0.02064	9.05888	2.2E+08
15.98994	15.99999	15.9	11.9467	12.02527	11.8036	0.71004	0.8	0.6	9.14574	0	9.14194	2.2E+08
15.97981	15.99999	15.9	11.99084	12.08069	11.88673	0.70668	0.8	0.6	9.2292	0.04852	9.22555	2.2E+08
15.97981	15.99999	15.9	11.99084	12.08069	11.88673	0.70668	0.8	0.6	9.31265	0.03461	9.30861	2.2E+08
16.00337	16.09999	15.99999	11.98693	12.10839	11.85902	0.64041	0.7	0.5	9.39608	0.00666	9.39194	2.2E+08
16.13608	16.19999	15.99999	11.8674	11.99756	11.7759	0.49424	0.6	0.4	9.4795	0.03462	9.47555	2.2E+08
16.26397	16.3	16.19999	11.88645	11.99756	11.7759	0.39227	0.5	0.3	9.56293	0.06922	9.55888	2.2E+08
16.26397	16.3	16.19999	11.88645	11.99756	11.7759	0.39227	0.5	0.3	9.64635	0.0346	9.64194	2.2E+08
16.33025	16.49999	16.19999	11.9248	12.05298	11.83131	0.33606	0.5	0.2	9.72978	0.01438	9.72527	2.2E+08
16.37549	16.49999	16.19999	11.94464	12.05298	11.83131	0.32453	0.5	0.1	9.8132	0.01398	9.80888	2.2E+08
16.37549	16.49999	16.19999	11.94464	12.05298	11.83131	0.32453	0.5	0.1	9.89663	0.03464	9.89194	2.2E+08
16.33834	16.49999	16.3	11.9889	12.08069	11.88673	0.39094	0.6	0.2	9.98005	0.00783	9.97527	2.2E+08
16.32357	16.49999	16.19999	11.98554	12.1361	11.88673	0.42019	0.6	0.2	10.06347	0	10.05888	2.2E+08
16.32357	16.49999	16.19999	11.98554	12.1361	11.88673	0.42019	0.6	0.2	10.14693	0	10.14194	2.2E+08
16.26972	16.3	16.19999	12.02978	12.1361	11.88673	0.48748	0.6	0.4	10.23042	0	10.22527	2.2E+08
16.28416	16.49999	16.19999	12.01852	12.10839	11.91443	0.48996	0.6	0.2	10.31386	0.02061	10.30861	2.2E+08
16.30001	16.49999	16.19999	11.9995	12.08069	11.88673	0.44611	0.6	0.2	10.39731	0	10.39194	2.2E+08
16.26962	16.49999	16.19999	11.9953	12.08069	11.91443	0.49334	0.7	0.2	10.48078	0	10.47527	2.2E+08
16.2303	16.3	16.19999	12.00539	12.1361	11.85902	0.51346	0.7	0.4	10.56426	0.02061	10.55861	2.2E+08
16.23027	16.3	16.19999	12.08292	12.19151	11.96985	0.51585	0.7	0.4	10.64772	0	10.64222	2.2E+08
16.23027	16.3	16.19999	12.08292	12.19151	11.96985	0.51585	0.7	0.4	10.73116	0.0346	10.72527	2.2E+08
16.0923	16.19999	15.99999	12.08572	12.1361	12.02527	0.64038	0.8	0.5	10.81458	0.03459	10.80861	2.2E+08
15.91244	15.99999	15.9	12.11145	12.19151	11.99756	0.80673	0.9	0.7	10.898	0.03459	10.89222	2.2E+08
15.91244	15.99999	15.9	12.11145	12.19151	11.99756	0.80673	0.9	0.7	10.98141	0.03455	10.97527	2.2E+08
15.71681	15.9	15.59999	12.12184	12.21922	12.02527	0.98318	1.1	0.8	11.06483	0.02066	11.05888	2.2E+08
15.71681	15.9	15.59999	12.12184	12.21922	12.02527	0.98318	1.1	0.8	11.14827	0.04844	11.14194	2.2E+08
15.63604	15.9	15.59999	12.11537	12.19151	12.02527	1.0404	1.1	0.8	11.23169	0.03452	11.22527	2.2E+08
15.62588	15.69999	15.59999	12.09466	12.1638	11.99756	1.06736	1.1	1	11.31511	0	11.30861	2.2E+08
15.61344	15.9	15.5	12.09382	12.19151	11.99756	1.07309	1.2	0.8	11.39855	0	11.39222	2.2E+08
15.61344	15.9	15.5	12.09382	12.19151	11.99756	1.07309	1.2	0.8	11.48201	0	11.47527	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
15.64274	15.69999	15.59999	12.11343	12.19151	12.02527	1.09762	1.3	1	11.56545	0.08973	11.55888	2.2E+08
15.64274	15.69999	15.59999	12.11343	12.19151	12.02527	1.09762	1.3	1	11.64888	0.03451	11.64194	2.2E+08
15.62699	15.9	15.59999	12.13078	12.21922	12.02527	1.19658	1.3	0.8	11.7323	0	11.72555	2.2E+08
15.62699	15.9	15.59999	12.13078	12.21922	12.02527	1.19658	1.3	1.1	11.81572	0.03454	11.80888	2.2E+08
15.62932	15.69999	15.59999	12.14675	12.24693	12.05298	1.24039	1.3	1.1	11.89917	0	11.89194	2.2E+08
15.73028	15.9	15.59999	12.23296	12.30235	12.1361	1.17644	1.3	1	11.98262	0.06196	11.97555	2.2E+08
15.73028	15.9	15.59999	12.23296	12.30235	12.1361	1.17644	1.3	1	12.06609	0	12.05861	2.2E+08
15.58315	15.59999	15.5	12.26794	12.35776	12.21922	1.36637	1.5	1.3	12.14954	0.01389	12.14222	2.2E+08
15.58315	15.59999	15.5	12.26794	12.35776	12.21922	1.36637	1.5	1.3	12.23297	0.03455	12.22527	2.2E+08
15.58418	15.59999	15.5	12.29843	12.41318	12.21922	1.34854	1.4	1.1	12.31639	0.06196	12.30861	2.2E+08
15.61347	15.9	15.5	12.29813	12.38547	12.21922	1.32591	1.4	1.1	12.39979	0.01389	12.39194	2.2E+08
15.59898	15.69999	15.5	12.31216	12.44089	12.24693	1.38081	1.5	1.2	12.48323	0.01388	12.47555	2.2E+08
15.59898	15.69999	15.5	12.31216	12.44089	12.24693	1.38081	1.5	1.2	12.56672	0	12.55861	2.2E+08
15.59999	15.59999	15.59999	12.32945	12.44089	12.19151	1.42361	1.7	1.4	12.65015	0.03454	12.64194	2.2E+08
15.6977	15.9	15.59999	12.33144	12.44089	12.24693	1.51777	1.7	1.1	12.73359	0	12.72555	2.2E+08
15.6977	15.9	15.59999	12.33144	12.44089	12.24693	1.51777	1.7	1.3	12.81702	0.0692	12.80888	2.2E+08
15.83269	15.9	15.59999	12.33033	12.41318	12.24693	1.44139	1.7	1.3	12.90048	0.01281	12.89194	2.2E+08
15.89663	15.99999	15.69999	12.31916	12.41318	12.24693	1.39326	1.6	1.3	12.9839	0.05523	12.97527	2.2E+08
15.99998	16.09999	15.9	12.33511	12.44089	12.24693	1.32026	1.4	1.2	13.06731	0.01396	13.05861	2.2E+08
16.02355	16.19999	15.99999	12.28105	12.35776	12.21922	1.36975	1.5	1.2	13.15076	0	13.14194	2.2E+08
16.01344	16.19999	15.99999	12.20943	12.33006	12.10839	1.41927	1.5	1.2	13.23423	0.02062	13.22527	2.2E+08
16.10099	16.19999	15.99999	12.21171	12.33006	12.08069	1.39228	1.6	1.2	13.31767	0	13.30861	2.2E+08
16.16737	16.19999	15.99999	12.25925	12.33006	12.1638	1.37539	1.5	1.3	13.40111	0.04127	13.39194	2.2E+08
16.1899	16.19999	16.09999	12.23966	12.30235	12.1638	1.41682	1.6	1.4	13.48457	0.03462	13.47555	2.2E+08
16.1899	16.19999	16.09999	12.23966	12.30235	12.1638	1.41682	1.6	1.4	13.56793	0.06922	13.55861	2.2E+08
16.21012	16.3	16.09999	12.21699	12.30235	12.08069	1.61887	1.7	1.4	13.65134	0	13.64222	2.2E+08
16.21012	16.3	16.09999	12.21699	12.30235	12.08069	1.61887	1.7	1.4	13.73471	0.06264	13.72527	2.2E+08
16.4225	16.49999	16.19999	12.14086	12.24693	12.02527	1.52464	1.8	1.4	13.81812	0.02061	13.80888	2.2E+08
16.4225	16.49999	16.19999	12.14086	12.24693	12.02527	1.52464	1.8	1.5	13.90153	0.03462	13.89194	2.2E+08
16.37746	16.49999	16.19999	12.12407	12.21922	12.05298	1.61918	1.8	1.5	13.98494	0.03464	13.97527	2.2E+08
16.27308	16.3	16.19999	12.15426	12.24693	12.08069	1.87844	2	1.7	14.06835	0.02061	14.05888	2.2E+08
16.27308	16.3	16.19999	12.15426	12.24693	12.08069	1.87844	2	1.7	14.15177	0.02061	14.14194	2.2E+08
16.2798	16.49999	16.19999	12.18561	12.27464	12.05298	1.90335	2	1.7	14.23525	0	14.22527	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
16.29667	16.49999	16.19999	12.16662	12.27464	12.05298	1.91005	2.1	1.7	14.31867	0.0346	14.30888	2.2E+08
16.3203	16.49999	16.3	12.17809	12.27464	12.08069	1.9605	2.1	1.7	14.40204	0.04122	14.39194	2.2E+08
16.39228	16.49999	16.3	12.14784	12.21922	12.05298	1.9673	2.1	1.7	14.48541	0.04122	14.47527	2.2E+08
16.41243	16.49999	16.3	12.14983	12.27464	12.05298	1.99428	2.2	1.9	14.56882	0	14.55861	2.2E+08
16.49193	16.59999	16.3	12.12208	12.21922	12.05298	1.95523	2.1	1.9	14.65223	0.03464	14.64194	2.2E+08
16.48656	16.49999	16.3	12.13442	12.24693	12.05298	1.99996	2.2	1.9	14.73567	0.0206	14.72527	2.2E+08
16.53938	16.59999	16.49999	12.09888	12.19151	11.96985	1.99765	2.1	1.9	14.81914	0.03466	14.80888	2.2E+08
16.53938	16.59999	16.49999	12.09888	12.19151	11.96985	1.99765	2.1	1.9	14.90259	0	14.89194	2.2E+08
16.5899	16.59999	16.49999	12.05356	12.1361	11.96985	1.99091	2.1	1.9	14.98606	0	14.97555	2.2E+08
16.5899	16.59999	16.49999	12.05356	12.1361	11.96985	1.99091	2.1	1.9	15.06951	0.03466	15.05861	2.2E+08
16.59664	16.69999	16.49999	12.03565	12.1361	11.91443	2.00335	2.1	1.9	15.15291	0.0693	15.14194	2.2E+08
16.60672	16.69999	16.59999	12.01184	12.1638	11.94214	2.0101	2.1	1.9	15.23628	0.11176	15.22527	2.2E+08
16.57747	16.59999	16.49999	12.00234	12.08069	11.94214	2.08548	2.2	2	15.31965	0.08987	15.30888	2.2E+08
16.57747	16.59999	16.49999	12.00234	12.08069	11.94214	2.08548	2.2	2	15.40306	0.07714	15.39194	2.2E+08
16.54041	16.59999	16.49999	12.01071	12.1361	11.91443	2.14607	2.2	2	15.48645	0.08326	15.47555	2.2E+08
16.54041	16.59999	16.49999	12.01071	12.1361	11.91443	2.14607	2.2	2	15.56987	0.07709	15.55861	2.2E+08
16.56972	16.59999	16.49999	11.96538	12.10839	11.83131	2.12119	2.2	2	15.65331	0.08332	15.64222	2.2E+08
16.57976	16.59999	16.49999	11.9564	12.08069	11.88673	2.11013	2.2	2	15.73675	0	15.72527	2.2E+08
16.60335	16.69999	16.59999	11.96398	12.05298	11.85902	2.10572	2.2	2	15.82016	0.03462	15.80888	2.2E+08
16.60335	16.69999	16.59999	11.96398	12.05298	11.85902	2.10572	2.2	2	15.90352	0.03466	15.89194	2.2E+08
16.59663	16.59999	16.49999	11.98803	12.10839	11.88673	2.11009	2.2	2.1	15.9869	0	15.97555	2.2E+08
16.59663	16.59999	16.49999	11.98803	12.10839	11.88673	2.11009	2.2	2.1	16.07029	0	16.05861	2.2E+08
16.60336	16.69999	16.59999	11.98663	12.08069	11.88673	2.1135	2.2	2	16.15366	0.05526	16.14194	2.2E+08
16.58645	16.69999	16.49999	12.00343	12.24693	11.91443	2.17304	2.4	2	16.23713	0.0206	16.22555	2.2E+08
16.58645	16.69999	16.49999	12.00343	12.24693	11.91443	2.17304	2.4	2	16.32056	0.03462	16.30861	2.2E+08
16.59091	16.59999	16.49999	12.03452	12.10839	11.91443	2.11916	2.5	2.1	16.40392	0.03466	16.39222	2.2E+08
16.59091	16.59999	16.49999	12.03452	12.10839	11.91443	2.11916	2.5	2.1	16.48713	0.08994	16.47527	2.2E+08
16.62588	16.8	16.59999	12.01941	12.10839	11.85902	2.06061	2.1	1.9	16.57033	0.03464	16.55889	2.2E+08
16.62588	16.8	16.59999	12.01941	12.10839	11.85902	2.06061	2.1	1.9	16.65353	0.00652	16.64194	2.2E+08
16.62694	16.8	16.59999	12.05494	12.1361	11.91443	2.03362	2.1	1.9	16.73674	0.04871	16.72527	2.2E+08
16.67311	16.8	16.59999	11.92227	12.02527	11.7759	1.96396	2.1	1.8	16.81994	0.0693	16.80889	2.2E+08
16.67311	16.8	16.59999	11.92227	12.02527	11.7759	1.96396	2.1	1.8	16.90314	0.03462	16.89194	2.2E+08
16.66968	16.8	16.59999	11.85763	11.96985	11.72048	1.9731	2.1	1.8	16.98635	0.01404	16.97555	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
16.66968	16.8	16.59999	11.85763	11.96985	11.72048	1.9731	2.1	1.8	17.06956	0	17.05861	2.2E+08
16.70442	16.8	16.59999	11.85059	11.96985	11.74819	1.94839	2.1	1.8	17.15276	0.01407	17.14194	2.2E+08
16.85389	16.9	16.8	11.81619	11.91443	11.72048	1.82928	1.9	1.7	17.23597	0.03466	17.22555	2.2E+08
16.85389	16.9	16.8	11.81619	11.91443	11.72048	1.82928	1.9	1.7	17.31917	0	17.30861	2.2E+08
16.92019	17.09999	16.9	11.7885	11.85902	11.69277	1.76971	1.8	1.6	17.40237	0.02055	17.39222	2.2E+08
17.18084	17.3	16.9	11.7879	11.88673	11.69277	1.60347	2.1	1.5	17.48558	0.06938	17.47555	2.2E+08
17.18084	17.3	16.9	11.7879	11.88673	11.69277	1.60347	2.1	1.5	17.56878	0	17.55861	2.2E+08
17.22253	17.3	17.19999	11.79125	11.88673	11.72048	1.78757	1.9	1.7	17.65199	0.00782	17.64222	2.2E+08
17.264	17.3	17.19999	11.7353	11.83131	11.60965	1.81008	1.9	1.7	17.73519	0	17.72555	2.2E+08
17.264	17.3	17.19999	11.7353	11.83131	11.60965	1.81008	2	1.8	17.81839	0.06938	17.80889	2.2E+08
17.27646	17.3	17.19999	11.67738	11.7759	11.58194	1.84711	2	1.8	17.9016	0.08992	17.89194	2.2E+08
17.37745	17.49999	17.3	11.64464	11.7759	11.52652	1.8337	2	1.7	17.9848	0.06938	17.97527	2.2E+08
17.39323	17.49999	17.3	11.64962	11.74819	11.55423	1.88991	2.1	1.9	18.06801	0.03471	18.05889	2.2E+08
17.47409	17.69999	17.3	11.62561	11.72048	11.52652	1.97747	2.2	1.9	18.15121	0.03472	18.14222	2.2E+08
17.47409	17.69999	17.3	11.62561	11.72048	11.52652	1.97747	2.2	1.9	18.23442	0	18.22527	2.2E+08
17.38554	17.49999	17.3	11.59816	11.72048	11.49882	2.16736	2.3	1.9	18.31765	0.04889	18.30889	2.2E+08
17.34716	17.49999	17.3	11.61608	11.74819	11.49882	2.3562	2.4	2.2	18.40087	0.01273	18.39222	2.2E+08
17.34716	17.49999	17.3	11.61608	11.74819	11.49882	2.3562	2.4	2.2	18.48409	0.06947	18.47527	2.2E+08
17.64589	17.8	17.4	11.56791	11.66506	11.49882	2.07092	2.3	1.9	18.56731	0.00634	18.55861	2.2E+08
17.7256	17.9	17.49999	11.52236	11.63736	11.41569	2.17776	2.4	2	18.65052	0	18.64222	2.2E+08
17.7256	17.9	17.49999	11.52236	11.63736	11.41569	2.17776	2.4	2	18.73372	0.03472	18.72527	2.2E+08
17.68182	17.8	17.49999	11.32726	11.47111	11.16632	2.27872	2.5	2.1	18.81692	0.06946	18.80889	2.2E+08
17.68182	17.8	17.49999	11.32726	11.47111	11.16632	2.27872	2.5	2.1	18.90013	0.06156	18.89194	2.2E+08
17.69536	17.9	17.49999	11.41282	11.49882	11.27715	2.31809	2.5	2.1	18.98334	0	18.97555	2.2E+08
17.69536	17.9	17.49999	11.41282	11.49882	11.27715	2.31809	2.5	2.1	19.06654	0.10429	19.05861	2.2E+08
17.63156	17.8	17.49999	11.4661	11.55423	11.36028	2.48958	2.7	2.2	19.14975	0.02683	19.14222	2.2E+08
17.63156	17.8	17.49999	11.4661	11.55423	11.36028	2.48958	2.7	2.2	19.23296	0	19.22527	2.2E+08
17.88074	18.09999	17.8	11.37848	11.49882	11.24944	2.35963	2.5	2.1	19.31616	0	19.30889	2.2E+08
17.88074	18.09999	17.8	11.37848	11.49882	11.24944	2.35963	2.5	2.1	19.39936	0.0205	19.39194	2.2E+08
17.83707	17.9	17.69999	11.37957	11.49882	11.16632	2.43031	2.6	2.3	19.48257	0.02051	19.47527	2.2E+08
17.90673	18.09999	17.8	11.4484	11.55423	11.24944	2.39998	2.5	2.2	19.56577	0.08219	19.55889	2.2E+08
17.90673	18.09999	17.8	11.4484	11.55423	11.24944	2.39998	2.4	2	19.64899	0.00618	19.64194	2.2E+08
18.13573	18.4	17.9	11.44871	11.55423	11.27715	2.20807	2.4	2	19.7322	0	19.72527	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
18.32894	18.49999	18.09999	11.42524	11.55423	11.27715	2.09461	2.4	1.9	19.8154	0.01424	19.80861	2.2E+08
18.17863	18.3	17.9	11.43729	11.52652	11.33257	2.36281	2.7	2.1	19.8986	0.06966	19.89194	2.2E+08
18.22687	18.49999	17.9	11.4425	11.55423	11.33257	2.38657	2.8	2.1	19.98181	0.01432	19.97555	2.2E+08
18.34852	18.49999	18.09999	11.45488	11.60965	11.24944	2.48385	2.8	2.1	20.06501	0.08407	20.05861	2.2E+08
18.66499	18.9	18.49999	11.44866	11.58194	11.24944	2.28891	2.5	2.1	20.14821	0.02045	20.14194	2.2E+08
18.60422	18.9	18.3	11.39332	11.52652	11.24944	2.56324	3.1	2.2	20.23142	0.02047	20.22555	2.2E+08
18.60422	18.9	18.3	11.39332	11.52652	11.24944	2.56324	3.4	2.9	20.31462	0.06955	20.30861	2.2E+08
18.18205	18.4	17.99999	11.47475	11.58194	11.38798	3.17756	3.4	2.9	20.39782	0	20.39194	2.2E+08
18.91649	19.19999	18.59999	11.44963	11.55423	11.30486	2.40945	2.8	2.1	20.48103	0.01446	20.47555	2.2E+08
18.91649	19.19999	18.59999	11.44963	11.55423	11.30486	2.40945	2.8	2.1	20.56423	0.06975	20.55861	2.2E+08
18.98553	19.19999	18.9	11.52038	11.58194	11.4434	2.44816	2.7	2.2	20.64743	0.0901	20.64194	2.2E+08
18.60952	18.99999	18.3	11.55592	11.66506	11.47111	2.97467	3.2	2.9	20.73063	0.02826	20.72527	2.2E+08
18.54376	18.69999	18.49999	11.53324	11.63736	11.47111	3.07648	3.2	2.9	20.81384	0	20.80861	2.2E+08
18.65364	18.9	18.4	11.52485	11.58194	11.4434	3.0059	3.2	2.7	20.89704	0.00603	20.89194	2.2E+08
19.21665	19.59999	18.9	11.49238	11.58194	11.33257	2.51717	2.8	2.4	20.98024	0.04948	20.97555	2.2E+08
19.21665	19.59999	18.9	11.49238	11.58194	11.33257	2.51717	2.8	2.4	21.06345	0	21.05861	2.2E+08
19.4349	19.59999	19.19999	11.62476	11.69277	11.55423	2.73587	3.1	2.5	21.14666	0	21.14222	2.2E+08
19.4349	19.59999	19.19999	11.62476	11.69277	11.55423	2.73587	3.1	2.5	21.22987	0.00781	21.22527	2.2E+08
19.53656	20.19999	18.9	11.60765	11.69277	11.47111	2.82304	3.5	2.1	21.31307	0	21.30889	2.2E+08
19.53656	20.19999	18.9	11.60765	11.69277	11.47111	2.82304	3.5	2.1	21.39627	0.03496	21.39222	2.2E+08
19.7988	20.3	19.49999	11.6268	11.74819	11.49882	2.76966	3.2	2.1	21.47949	0.00473	21.47527	2.2E+08
19.90015	20.3	19.09999	11.7969	11.96985	11.58194	3.10765	4.1	2.6	21.56269	0.03495	21.55889	2.2E+08
19.90015	20.3	19.09999	11.7969	11.96985	11.58194	3.10765	4.1	2.6	21.6459	0.05533	21.64194	2.2E+08
19.44668	19.8	18.99999	11.89572	11.99756	11.74819	3.8644	4.4	3.5	21.7291	0.02946	21.72527	2.2E+08
20.80956	21.3	20.49999	11.65472	11.72048	11.55423	2.36229	2.8	1.9	21.81231	0.04062	21.80889	2.2E+08
20.80956	21.3	20.49999	11.65472	11.72048	11.55423	2.36229	2.8	1.9	21.89551	0	21.89194	2.2E+08
20.2957	20.8	19.59999	11.89626	11.99756	11.72048	3.45354	4.3	2.8	21.97872	0.03498	21.97555	2.2E+08
20.2957	20.8	19.59999	11.89626	11.99756	11.72048	3.45354	4.3	2.8	22.06192	0.03498	22.05861	2.2E+08
19.88276	20.3	19.59999	11.82904	11.99756	11.66506	3.71513	4.2	3.3	22.14514	0.00906	22.14222	2.2E+08
19.88276	20.3	19.59999	11.82904	11.99756	11.66506	3.71513	4.2	3.3	22.22834	0.03505	22.22527	2.2E+08
19.96392	20.3	19.59999	11.78959	11.94214	11.63736	3.50573	3.9	3.1	22.31154	0.04071	22.30861	2.2E+08
20.36777	20.8	19.9	11.8322	11.94214	11.72048	3.1535	3.7	2.7	22.39475	0.06106	22.39222	2.2E+08
20.36777	20.8	19.9	11.8322	11.94214	11.72048	3.1535	3.7	2.7	22.47797	0.04207	22.47527	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
20.95511	21.4	20.8	11.81928	11.99756	11.66506	2.7931	3	2.5	22.56117	0.02026	22.55889	2.2E+08
20.95511	21.4	20.8	11.81928	11.99756	11.66506	2.7931	3	2.5	22.64438	0.08495	22.64194	2.2E+08
21.02249	21.49999	20.3	11.9472	12.1361	11.7759	2.97523	3.9	2.4	22.72758	0	22.72527	2.2E+08
19.79488	20.3	19.49999	12.11868	12.30235	11.91443	4.35798	4.7	3.8	22.81078	0.01249	22.80861	2.2E+08
20.05611	20.49999	19.8	11.99421	12.1638	11.88673	3.96207	4.4	3.5	22.89399	0.01473	22.89194	2.2E+08
19.84705	20.49999	19.49999	11.98185	12.10839	11.88673	4.0923	4.4	3.5	22.97719	0.04982	22.97527	2.2E+08
19.83804	20.4	19.49999	11.97514	12.08069	11.85902	4.0384	4.4	3.3	23.06039	0.10527	23.05861	2.2E+08
20.28288	20.8	19.59999	11.97437	12.10839	11.88673	3.52921	4.3	2.8	23.1436	0.03502	23.14222	2.2E+08
20.28288	20.8	19.59999	11.97437	12.10839	11.88673	3.52921	4.3	2.8	23.22681	0.04983	23.22527	2.2E+08
19.9516	20.3	19.49999	12.06246	12.19151	11.91443	3.88548	4.4	3.3	23.31001	0.03507	23.30861	2.2E+08
20.36106	20.8	19.9	12.00934	12.1361	11.88673	3.41737	3.9	2.9	23.39322	0.03507	23.39222	2.2E+08
20.36106	20.8	19.9	12.00934	12.1361	11.88673	3.41737	3.9	2.9	23.47642	0.03513	23.47527	2.2E+08
20.33512	20.69999	19.9	12.03843	12.1361	11.94214	3.53898	4	3.2	23.55963	0	23.55889	2.2E+08
20.33512	20.69999	19.9	12.03843	12.1361	11.94214	3.53898	4	3.2	23.64283	0.03517	23.64194	2.2E+08
20.71609	20.99999	20.4	12.02075	12.1638	11.91443	3.19064	3.6	2.9	23.72604	0.04762	23.72555	2.2E+08
20.71609	20.99999	20.4	12.02075	12.1638	11.91443	3.19064	3.6	2.9	23.80924	0.02976	23.80861	2.2E+08
20.96705	21.3	20.49999	12.02761	12.1638	11.88673	2.99365	3.6	2.6	23.89244	0.05003	23.89194	2.2E+08
20.59792	20.8	20.4	11.98641	12.10839	11.85902	3.50776	3.7	3.2	23.97565	0.00236	23.97555	2.2E+08
20.59792	20.8	20.4	11.98641	12.10839	11.85902	3.50776	3.7	3.2	24.0012	0	24	2.2E+08
20.71469	20.99999	20.3	3.12666	12.05298	0	3.17693	3.7	2.9	24.0012	0	24	2.2E+08
20.46991	20.8	20.19999	0	0	0	3.25491	3.7	2.8	24.0012	0	24	2.2E+08
20.46991	20.8	20.19999	0	0	0	3.25491	3.7	2.8	24.0012	0	24	2.2E+08
20.81491	21.3	20.49999	0	0	0	3.03228	3.4	2.5	24.0012	0	24	2.2E+08
20.81491	21.3	20.49999	0	0	0	3.03228	3.4	2.8	24.0012	0	24	2.2E+08
20.6887	20.9	20.49999	0	0	0	3.15739	3.8	2.7	24.0012	0	24	2.2E+08
20.72115	20.9	20.09999	0	0	0	3.08901	3.8	2.7	24.0012	0	24	2.2E+08
20.04625	20.3	19.8	0	0	0	3.65838	4	3.3	24.0012	0	24	2.2E+08
20.48648	20.8	19.9	0	0	0	3.03614	3.6	2.6	24.0012	0	24	2.2E+08
19.76891	20.09999	19.59999	0	0	0	3.63775	3.8	3.2	24.0012	0	24	2.2E+08
19.76891	20.09999	19.59999	0	0	0	3.63775	3.8	3.2	24.0012	0	24	2.2E+08
20.50452	20.8	20.19999	0	0	0	2.76283	3.1	2.4	24.0012	0	24	2.2E+08
20.50452	20.8	20.19999	0	0	0	2.76283	3.1	2.5	24.0012	0	24	2.2E+08
20.59409	20.8	20.19999	0	0	0	2.71937	3.1	2.5	24.0012	0	24	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
20.59784	20.9	20.19999	0	0	0	2.74259	3.3	2.4	24.0012	0	24	2.2E+08
20.52555	20.8	20.3	0	0	0	2.8879	3.1	2.6	24.0012	0	24	2.2E+08
20.40564	20.49999	20.3	0	0	0	2.97418	3.2	2.8	24.0012	0	24	2.2E+08
19.9565	20.3	19.8	0	0	0	3.2346	3.5	2.8	24.0012	0	24	2.2E+08
19.7687	19.9	19.59999	0	0	0	3.09651	3.4	2.9	24.0012	0	24	2.2E+08
19.68202	19.8	19.49999	0	0	0	3.01117	3.2	2.8	24.0012	0	24	2.2E+08
19.68202	19.8	19.49999	0	0	0	3.01117	3.3	2.7	24.0012	0	24	2.2E+08
19.53028	19.59999	19.49999	0	0	0	2.73256	2.8	2.6	24.0012	0	24	2.2E+08
19.43191	19.59999	19.19999	0.73476	11.69277	0	2.7259	2.9	2.6	0.00717	1.52613	0.00888	2.2E+08
19.1494	19.19999	18.99999	11.74742	11.85902	11.66506	2.77875	3	2.6	0.09055	0	0.09222	2.2E+08
18.96982	19.09999	18.9	11.8652	11.94214	11.7759	2.71337	2.8	2.6	0.17392	0.02042	0.17555	2.2E+08
18.96982	19.09999	18.9	11.8652	11.94214	11.7759	2.71337	2.8	2.6	0.2573	0	0.25861	2.2E+08
19.07652	19.19999	18.9	11.91252	11.96985	11.8036	2.45502	2.7	2.2	0.34067	0	0.34194	2.2E+08
19.16631	19.3	18.99999	11.93257	12.02527	11.85902	2.02487	2.2	1.9	0.42404	0.00584	0.42555	2.2E+08
19.16631	19.3	18.99999	11.93257	12.02527	11.85902	2.02487	2.2	1.9	0.50741	0.00784	0.50861	2.2E+08
19.22362	19.3	19.19999	11.96062	12.08069	11.88673	1.82012	1.9	1.7	0.59079	0.01459	0.59222	2.2E+08
19.22362	19.3	19.19999	11.96062	12.08069	11.88673	1.82012	1.9	1.7	0.67416	0.05539	0.67527	2.2E+08
19.21579	19.3	19.19999	11.94743	12.05298	11.85902	1.79767	1.9	1.7	0.75753	0.04083	0.75861	2.2E+08
18.98779	19.19999	18.69999	11.98105	12.10839	11.88673	1.92902	2.2	1.7	0.8409	0.00594	0.84222	2.2E+08
18.98779	19.19999	18.69999	11.98105	12.10839	11.88673	1.92902	2.5	2	0.92428	0.03489	0.92527	2.2E+08
18.59006	18.9	18.4	12.02164	12.1361	11.91443	2.29626	2.5	2	1.00766	0	1.00861	2.2E+08
18.2483	18.49999	18.09999	12.08549	12.19151	11.99756	2.35496	2.6	2.4	1.09104	0.05535	1.09222	2.2E+08
17.92819	18.09999	17.8	12.079	12.1638	11.99756	2.53464	2.6	2.4	1.17443	0.10442	1.17527	2.2E+08
17.76954	17.8	17.49999	12.08516	12.21922	11.96985	2.30112	2.5	2.1	1.25782	0.07587	1.25888	2.2E+08
17.76954	17.8	17.49999	12.08516	12.21922	11.96985	2.30112	2.5	2.1	1.34118	0.08388	1.34194	2.2E+08
17.42688	17.49999	17.4	12.10278	12.24693	11.99756	2.23264	2.3	2.1	1.42456	0.08383	1.42555	2.2E+08
17.42688	17.49999	17.4	12.10278	12.24693	11.99756	2.23264	2.3	2.1	1.50792	0.04901	1.50861	2.2E+08
17.3529	17.49999	17.3	12.14232	12.24693	12.05298	2.0887	2.3	1.9	1.59128	0.03477	1.59194	2.2E+08
17.27872	17.4	17.19999	12.21051	12.35776	12.10839	1.9673	2.1	1.8	1.67466	0.06946	1.67527	2.2E+08
17.16634	17.19999	16.9	12.22448	12.33006	12.05298	1.93693	2.2	1.8	1.75803	0	1.75861	2.2E+08
17.15284	17.19999	16.9	12.20973	12.27464	12.10839	1.83014	2.1	1.6	1.84142	0.01419	1.84194	2.2E+08
17.05298	17.19999	16.9	12.26704	12.33006	12.19151	1.59073	1.8	1.4	1.9248	0	1.92555	2.2E+08
17.05298	17.19999	16.9	12.26704	12.33006	12.19151	1.59073	1.8	1.4	2.00817	0	2.00861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.93491	17.09999	16.8	12.285	12.35776	12.21922	1.52124	1.7	1.3	2.09156	0.03471	2.09222	2.2E+08
16.93491	17.09999	16.8	12.285	12.35776	12.21922	1.52124	1.7	1.3	2.17497	0	2.17527	2.2E+08
16.88656	16.9	16.8	12.27715	12.33006	12.19151	1.48319	1.6	1.3	2.25837	0	2.25861	2.2E+08
16.87311	16.9	16.8	12.28447	12.35776	12.21922	1.34507	1.5	1.3	2.34176	0	2.34194	2.2E+08
16.85627	16.9	16.8	12.2945	12.38547	12.21922	1.33355	1.4	1.2	2.42514	0.03471	2.42527	2.2E+08
16.84609	16.9	16.8	12.30454	12.41318	12.21922	1.29093	1.4	1.1	2.50851	0	2.50861	2.2E+08
16.87072	16.9	16.8	12.28184	12.35776	12.21922	1.0946	1.3	1	2.59187	0	2.59222	2.2E+08
16.87072	16.9	16.8	12.28184	12.35776	12.21922	1.0946	1.3	1	2.67523	0.02058	2.67527	2.2E+08
16.83038	16.9	16.8	12.26709	12.35776	12.1638	1.07635	1.2	0.9	2.75858	0.03471	2.75888	2.2E+08
16.80235	16.9	16.8	12.26258	12.33006	12.1638	1.09093	1.1	1	2.84193	0.03471	2.84222	2.2E+08
16.80235	16.9	16.8	12.26258	12.33006	12.1638	1.09093	1.1	1	2.92531	0	2.92527	2.2E+08
16.837	16.9	16.8	12.21913	12.30235	12.08069	0.95947	1.1	0.7	3.00869	0.0347	3.00888	2.2E+08
16.837	16.9	16.8	12.21913	12.30235	12.08069	0.95947	1.1	0.7	3.09208	0	3.09194	2.2E+08
16.89999	17.09999	16.8	12.05072	12.1361	11.94214	0.77733	1	0.5	3.17546	0	3.17555	2.2E+08
16.89999	17.09999	16.8	12.05072	12.1361	11.94214	0.77733	1	0.5	3.25883	0	3.25861	2.2E+08
16.77745	16.8	16.69999	12.1053	12.1638	12.02527	0.84274	1.1	0.8	3.34219	0	3.34222	2.2E+08
16.79672	16.9	16.69999	12.1053	12.1638	12.02527	0.84274	1	0.7	3.42554	0	3.42555	2.2E+08
16.79672	16.9	16.69999	12.10137	12.1638	12.02527	0.82008	1	0.7	3.50889	0.0488	3.50861	2.2E+08
16.79562	16.9	16.69999	12.10674	12.19151	12.02527	0.81101	1	0.7	3.59225	0.0347	3.59194	2.2E+08
16.79327	16.8	16.69999	12.16192	12.24693	12.08069	0.78987	0.9	0.7	3.67561	0	3.67555	2.2E+08
16.79327	16.8	16.69999	12.16192	12.24693	12.08069	0.78987	0.9	0.7	3.75897	0.03466	3.75861	2.2E+08
16.66636	16.8	16.59999	12.18588	12.27464	12.08069	0.87981	1	0.7	3.84235	0.02058	3.84222	2.2E+08
16.66636	16.8	16.59999	12.18588	12.27464	12.08069	0.87981	1	0.7	3.92573	0	3.92527	2.2E+08
16.62924	16.69999	16.59999	12.19686	12.30235	12.08069	0.90677	1	0.8	4.0091	0	4.00861	2.2E+08
16.64032	16.8	16.59999	12.2408	12.30235	12.1361	0.8731	1	0.7	4.09245	0	4.09194	2.2E+08
16.59998	16.69999	16.49999	12.29233	12.38547	12.19151	0.88319	1	0.8	4.1758	0.02059	4.17555	2.2E+08
16.59998	16.69999	16.49999	12.29233	12.38547	12.19151	0.88319	1	0.8	4.25915	0.03466	4.25861	2.2E+08
16.58318	16.59999	16.49999	12.27829	12.33006	12.19151	0.8764	1	0.8	4.34252	0.02058	4.34194	2.2E+08
16.65731	16.8	16.59999	12.24556	12.35776	12.1361	0.78308	0.9	0.6	4.4259	0.03466	4.42527	2.2E+08
16.61008	16.8	16.49999	12.25846	12.33006	12.1361	0.80674	0.9	0.7	4.50925	0.03466	4.50888	2.2E+08
16.61008	16.8	16.49999	12.25846	12.33006	12.1361	0.80674	0.9	0.7	4.59261	0.06934	4.59194	2.2E+08
16.59664	16.59999	16.49999	12.26931	12.33006	12.1638	0.8	0.9	0.6	4.67596	0.0141	4.67555	2.2E+08
16.6538	16.8	16.59999	12.20576	12.30235	12.10839	0.74283	0.8	0.6	4.75933	0.03466	4.75888	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.6538	16.8	16.59999	12.20576	12.30235	12.10839	0.74283	0.8	0.6	4.84271	0.00782	4.84222	2.2E+08
16.60335	16.69999	16.59999	12.23067	12.30235	12.1638	0.77982	0.8	0.6	4.9261	0	4.92527	2.2E+08
16.59999	16.59999	16.59999	12.23436	12.30235	12.1361	0.7798	0.8	0.7	5.00948	0	5.00861	2.2E+08
16.51344	16.59999	16.3	12.27466	12.35776	12.19151	0.83029	1.1	0.7	5.09284	0.04122	5.09222	2.2E+08
16.51344	16.59999	16.3	12.27466	12.35776	12.19151	0.83029	1.1	0.7	5.17619	0	5.17527	2.2E+08
16.38542	16.49999	16.3	12.29334	12.41318	12.21922	0.93813	1.1	0.8	5.25954	0.01398	5.25861	2.2E+08
16.31679	16.49999	16.19999	12.28306	12.35776	12.19151	0.98658	1.1	0.8	5.34292	0	5.34194	2.2E+08
16.24956	16.3	16.19999	12.28382	12.35776	12.19151	1.04034	1.1	0.9	5.42627	0.03462	5.42555	2.2E+08
16.24956	16.3	16.19999	12.28382	12.35776	12.19151	1.04034	1.1	0.9	5.50964	0.05524	5.50861	2.2E+08
16.22253	16.3	16.19999	12.33429	12.44089	12.24693	0.99292	1.1	0.7	5.59302	0.01398	5.59222	2.2E+08
16.22253	16.3	16.19999	12.33429	12.44089	12.24693	0.99292	1.1	0.7	5.67639	0.02061	5.67527	2.2E+08
16.3437	16.49999	16.19999	12.31499	12.41318	12.21922	0.83279	1	0.5	5.75974	0	5.75888	2.2E+08
16.3437	16.49999	16.19999	12.31499	12.41318	12.21922	0.83279	1	0.5	5.84309	0	5.84194	2.2E+08
16.31667	16.49999	16.19999	12.3029	12.38547	12.21922	0.83959	1	0.5	5.92645	0.03462	5.92527	2.2E+08
16.23373	16.3	16.19999	12.30288	12.38547	12.21922	0.81151	1	0.7	6.00981	0.03462	6.00888	2.2E+08
16.28646	16.3	16.19999	12.2914	12.35776	12.21922	0.74516	0.9	0.7	6.09318	0.06922	6.09222	2.2E+08
16.28646	16.3	16.19999	12.2914	12.35776	12.21922	0.74516	0.9	0.7	6.17654	0.01401	6.17527	2.2E+08
16.27734	16.49999	16.19999	12.32644	12.41318	12.24693	0.71928	0.8	0.5	6.25989	0	6.25861	2.2E+08
16.14268	16.19999	15.99999	12.41294	12.52401	12.27464	0.83036	1	0.7	6.34326	0.06919	6.34222	2.2E+08
16.14268	16.19999	15.99999	12.41294	12.52401	12.27464	0.83036	1	0.7	6.42662	0.04856	6.42527	2.2E+08
16.18074	16.19999	15.99999	12.42266	12.52401	12.33006	0.73264	1	0.7	6.50999	0.02063	6.50888	2.2E+08
16.18074	16.19999	15.99999	12.42266	12.52401	12.33006	0.73264	1	0.7	6.59335	0	6.59194	2.2E+08
16.17739	16.19999	16.09999	12.41766	12.55172	12.33006	0.7169	0.8	0.6	6.6767	0.02064	6.67527	2.2E+08
16.00926	16.19999	15.9	12.45794	12.57943	12.33006	0.85036	0.9	0.7	6.76006	0.00667	6.75888	2.2E+08
16.00926	16.19999	15.9	12.45794	12.57943	12.33006	0.85036	0.9	0.7	6.84342	0.02178	6.84194	2.2E+08
16.04272	16.09999	15.99999	12.39363	12.49631	12.30235	0.77407	0.9	0.6	6.92677	0.0346	6.92555	2.2E+08
16.04272	16.09999	15.99999	12.39363	12.49631	12.30235	0.77407	0.9	0.6	7.01013	0.02063	7.00861	2.2E+08
15.95628	15.99999	15.9	12.47446	12.60713	12.35776	0.83018	1	0.7	7.09349	0.03459	7.09222	2.2E+08
15.95628	15.99999	15.9	12.47446	12.60713	12.35776	0.83018	1	0.7	7.17686	0.03459	7.17527	2.2E+08
15.9	15.9	15.9	12.38936	12.52401	12.27464	0.82924	0.9	0.8	7.26023	0.03456	7.25888	2.2E+08
15.9	15.9	15.9	12.38936	12.52401	12.27464	0.82924	0.9	0.8	7.34358	0	7.34194	2.2E+08
15.9	15.9	15.9	12.42552	12.52401	12.35776	0.80673	0.9	0.8	7.42693	0.00783	7.42527	2.2E+08
15.90674	15.99999	15.9	12.45017	12.55172	12.35776	0.80672	0.8	0.7	7.51028	0	7.50888	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
15.91008	15.99999	15.9	12.43331	12.55172	12.30235	0.77983	0.8	0.7	7.59363	0	7.59194	2.2E+08
15.92362	15.99999	15.9	12.41871	12.55172	12.30235	0.7528	0.8	0.7	7.67699	0	7.67555	2.2E+08
15.92362	15.99999	15.9	12.41871	12.55172	12.30235	0.7528	0.8	0.6	7.76035	0.03457	7.75888	2.2E+08
15.95619	15.99999	15.9	12.45012	12.57943	12.30235	0.70342	0.8	0.6	7.84372	0.01392	7.84194	2.2E+08
15.93707	15.99999	15.9	12.44988	12.55172	12.35776	0.71582	0.8	0.6	7.92709	0	7.92527	2.2E+08
15.95959	15.99999	15.9	12.49996	12.60713	12.35776	0.71684	0.8	0.6	8.01046	0	8.00861	2.2E+08
15.93261	15.99999	15.9	12.55013	12.69026	12.44089	0.73365	0.8	0.6	8.09384	0	8.09194	2.2E+08
15.89663	15.99999	15.69999	12.57713	12.66255	12.44089	0.75057	1	0.7	8.17723	0.00673	8.17527	2.2E+08
15.8125	15.9	15.59999	12.55919	12.66255	12.44089	0.8236	1.1	0.7	8.26065	0	8.25861	2.2E+08
15.86299	15.9	15.59999	12.52709	12.63484	12.44089	0.75615	1.1	0.7	8.3441	0	8.34194	2.2E+08
15.82129	15.9	15.59999	12.52909	12.63484	12.41318	0.78206	1	0.7	8.42754	0.03456	8.42555	2.2E+08
15.82129	15.9	15.59999	12.52909	12.63484	12.41318	0.78206	0.9	0.7	8.511	0	8.50889	2.2E+08
15.88654	15.9	15.69999	12.53467	12.63484	12.44089	0.71682	0.9	0.7	8.59443	0.00673	8.59194	2.2E+08
15.87312	15.9	15.69999	12.54335	12.66255	12.44089	0.7134	1	0.5	8.67787	0.0274	8.67555	2.2E+08
15.80914	15.9	15.59999	12.59068	12.69026	12.4686	0.77738	1	0.5	8.76132	0	8.75861	2.2E+08
15.88991	15.99999	15.69999	12.55081	12.63484	12.4686	0.64617	1	0.4	8.84474	0.03457	8.84194	2.2E+08
15.9168	15.99999	15.9	12.58786	12.69026	12.4686	0.68319	0.7	0.6	8.92818	0	8.92555	2.2E+08
15.9168	15.99999	15.9	12.58786	12.69026	12.4686	0.68319	0.7	0.6	9.01162	0.03459	9.00861	2.2E+08
15.93363	15.99999	15.9	12.60098	12.69026	12.49631	0.64618	0.7	0.4	9.09508	0.03456	9.09194	2.2E+08
15.68107	15.9	15.59999	12.61608	12.69026	12.52401	0.89854	1	0.7	9.17851	0.01388	9.17555	2.2E+08
15.68107	15.9	15.59999	12.61608	12.69026	12.52401	0.89854	1	0.7	9.26195	0	9.25861	2.2E+08
15.56637	15.69999	15.5	12.62423	12.69026	12.55172	0.99301	1.1	0.7	9.3454	0	9.34222	2.2E+08
15.56637	15.69999	15.5	12.62423	12.69026	12.55172	0.99301	1.1	0.7	9.42883	0	9.42555	2.2E+08
15.55293	15.59999	15.5	12.61103	12.66255	12.49631	0.96139	1.1	0.8	9.51229	0.01385	9.50861	2.2E+08
15.51008	15.59999	15.5	12.63762	12.74568	12.57943	0.92351	1.1	0.8	9.59577	0.02066	9.59222	2.2E+08
15.55391	15.59999	15.5	12.67049	12.74568	12.57943	0.84947	1.1	0.7	9.67927	0.02066	9.67555	2.2E+08
15.55391	15.59999	15.5	12.67049	12.74568	12.57943	0.84947	1.1	0.7	9.76277	0	9.75861	2.2E+08
15.54267	15.59999	15.5	12.68554	12.74568	12.60713	0.81359	0.9	0.7	9.84626	0.02066	9.84222	2.2E+08
15.54267	15.59999	15.5	12.68554	12.74568	12.60713	0.81359	0.9	0.7	9.92976	0.02066	9.92527	2.2E+08
15.56066	15.59999	15.5	12.72335	12.80109	12.63484	0.78878	0.9	0.7	10.01323	0	10.00861	2.2E+08
15.56738	15.59999	15.5	12.74393	12.85651	12.60713	0.79552	0.9	0.7	10.09669	0	10.09222	2.2E+08
15.56738	15.59999	15.5	12.74393	12.85651	12.60713	0.79552	0.9	0.7	10.18015	0.14493	10.17527	2.2E+08
15.8764	15.99999	15.69999	12.73142	12.85651	12.66255	0.63817	0.9	0.5	10.2636	0.03459	10.25889	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
15.8764	15.99999	15.69999	12.73142	12.85651	12.66255	0.63817	0.9	0.5	10.34703	0.02063	10.34194	2.2E+08
15.91691	15.99999	15.9	12.7462	12.8288	12.66255	0.67633	0.9	0.6	10.43048	0	10.42555	2.2E+08
15.94945	15.99999	15.9	12.85112	12.96734	12.77339	0.72803	0.9	0.6	10.51392	0	10.50861	2.2E+08
15.93374	15.99999	15.9	12.82648	12.93963	12.71797	0.84048	0.9	0.7	10.59738	0	10.59194	2.2E+08
16.04718	16.19999	15.9	12.74927	12.85651	12.57943	0.89685	1.1	0.8	10.68083	0.02063	10.67527	2.2E+08
16.17747	16.19999	16.09999	12.72163	12.8288	12.60713	0.97214	1.2	0.8	10.76422	0.08318	10.75861	2.2E+08
16.09217	16.19999	15.99999	12.86164	12.99505	12.74568	1.26174	1.4	1.1	10.84764	0.06919	10.84222	2.2E+08
16.09217	16.19999	15.99999	12.86164	12.99505	12.74568	1.26174	1.6	1.2	10.9311	0.02064	10.92527	2.2E+08
16.03023	16.19999	15.99999	12.91837	13.02276	12.77339	1.42696	1.6	1.2	11.01451	0.02064	11.00861	2.2E+08
16.05379	16.19999	15.99999	12.91687	13.02276	12.77339	1.4843	1.7	1.5	11.09792	0.02064	11.09222	2.2E+08
15.96638	15.99999	15.9	12.93851	13.02276	12.85651	1.6269	1.7	1.5	11.18138	0.02064	11.17527	2.2E+08
15.94956	15.99999	15.9	12.98698	13.07817	12.91192	1.92117	2	1.6	11.26482	0.0346	11.25889	2.2E+08
15.94956	15.99999	15.9	12.98698	13.07817	12.91192	1.92117	2	1.6	11.34821	0.0346	11.34194	2.2E+08
15.98655	15.99999	15.9	12.99678	13.05046	12.91192	1.94038	2	1.8	11.43162	0	11.42555	2.2E+08
16.00671	16.09999	15.9	12.99869	13.10588	12.91192	2.00003	2.1	1.9	11.51504	0.01397	11.50889	2.2E+08
16.00671	16.09999	15.9	12.99869	13.10588	12.91192	2.00003	2.1	1.9	11.59853	0	11.59194	2.2E+08
15.9898	15.99999	15.9	12.99655	13.07817	12.93963	2.04723	2.3	1.9	11.68201	0.03459	11.67555	2.2E+08
15.96299	15.99999	15.9	13.00146	13.07817	12.91192	2.08304	2.3	2	11.76543	0.03459	11.75889	2.2E+08
15.96299	15.99999	15.9	13.00146	13.07817	12.91192	2.08304	2.3	2	11.84883	0.0346	11.84194	2.2E+08
15.95291	15.99999	15.9	12.98318	13.05046	12.88421	2.08071	2.2	2	11.93222	0.06919	11.92527	2.2E+08
16.00336	16.09999	15.99999	12.94571	13.05046	12.85651	2.02366	2.1	1.9	12.01565	0	12.00861	2.2E+08
16.08645	16.19999	15.99999	12.92452	13.02276	12.80109	1.93034	2.1	1.7	12.0991	0.08312	12.09222	2.2E+08
16.08645	16.19999	15.99999	12.92452	13.02276	12.80109	1.93034	2.1	1.7	12.18255	0.01396	12.17527	2.2E+08
16.11109	16.19999	15.99999	12.92931	13.05046	12.8288	1.92925	2.1	1.8	12.26599	0	12.25861	2.2E+08
16.07654	16.19999	15.99999	12.91107	13.02276	12.8288	1.98421	2.1	1.8	12.34943	0	12.34222	2.2E+08
16.07654	16.19999	15.99999	12.91107	13.02276	12.8288	1.98421	2.1	1.8	12.43287	0	12.42527	2.2E+08
16.14955	16.19999	15.99999	12.8999	12.99505	12.80109	1.91578	2.1	1.8	12.51627	0.02063	12.50861	2.2E+08
16.1899	16.19999	15.99999	12.89255	13.02276	12.74568	1.91357	2	1.8	12.59965	0.10381	12.59194	2.2E+08
16.18653	16.19999	16.09999	12.9106	13.02276	12.80109	1.92254	2.1	1.8	12.68305	0.06918	12.67555	2.2E+08
16.20672	16.3	16.19999	12.84942	12.96734	12.74568	1.92242	2	1.8	12.76652	0.02844	12.75889	2.2E+08
16.20672	16.3	16.19999	12.84942	12.96734	12.74568	1.92242	2.1	1.8	12.84998	0.02062	12.84194	2.2E+08
16.18654	16.19999	16.09999	12.82783	12.93963	12.71797	1.95831	2.1	1.8	12.93339	0.02063	12.92527	2.2E+08
16.18653	16.19999	15.99999	12.87975	12.96734	12.71797	1.96974	2.1	1.8	13.01681	0	13.00861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.17299	16.19999	15.99999	12.91199	13.02276	12.80109	1.97993	2.1	1.8	13.10023	0.06922	13.09194	2.2E+08
16.19664	16.19999	16.09999	12.9366	13.02276	12.8288	1.90904	2.1	1.8	13.18364	0.03462	13.17555	2.2E+08
16.19664	16.19999	16.09999	12.9366	13.02276	12.8288	1.90904	2.1	1.8	13.26705	0.03462	13.25861	2.2E+08
16.23698	16.3	16.19999	12.86377	12.99505	12.74568	1.80906	1.9	1.7	13.35043	0.03459	13.34222	2.2E+08
16.23698	16.3	16.19999	12.86377	12.99505	12.74568	1.80906	1.9	1.7	13.43379	0.06922	13.42527	2.2E+08
16.21008	16.3	16.19999	12.86943	12.99505	12.74568	1.8202	2	1.7	13.51717	0.014	13.50861	2.2E+08
16.13598	16.19999	15.99999	12.9323	13.02276	12.8288	1.88417	2	1.8	13.60057	0.03457	13.59194	2.2E+08
15.98307	15.99999	15.9	12.911	13.02276	12.80109	1.99661	2.1	1.9	13.68396	0	13.67555	2.2E+08
15.98307	15.99999	15.9	12.911	13.02276	12.80109	1.99661	2.1	1.9	13.76737	0.02676	13.75861	2.2E+08
15.91681	15.99999	15.9	12.96031	13.02276	12.8288	1.98554	2.1	1.9	13.85075	0.03454	13.84222	2.2E+08
15.91681	15.99999	15.9	12.96031	13.02276	12.8288	1.98554	2.1	1.9	13.93413	0.03457	13.92527	2.2E+08
15.88654	15.9	15.69999	12.97998	13.07817	12.88421	2.00998	2.2	1.9	14.01752	0.08305	14.00861	2.2E+08
15.94618	15.99999	15.9	12.87081	12.99505	12.74568	1.7985	2	1.6	14.10093	0.02064	14.09222	2.2E+08
15.94618	15.99999	15.9	12.87081	12.99505	12.74568	1.7985	2	1.6	14.18439	0.02062	14.17527	2.2E+08
16.04057	16.19999	15.9	12.90712	12.99505	12.80109	1.59304	1.9	1.4	14.26786	0	14.25889	2.2E+08
16.32151	16.59999	16.19999	12.81924	12.96734	12.60713	1.29869	1.6	1	14.35132	0	14.34194	2.2E+08
16.88446	17.19999	16.8	12.78643	12.93963	12.57943	0.96473	1.1	0.7	14.43477	0.06947	14.42555	2.2E+08
16.88446	17.19999	16.8	12.78643	12.93963	12.57943	0.96473	1.1	0.7	14.51821	0	14.50861	2.2E+08
17.34721	17.4	17.3	12.7108	12.85651	12.57943	0.8279	1.1	0.7	14.60159	0.13902	14.59222	2.2E+08
17.34721	17.4	17.3	12.7108	12.85651	12.57943	0.8279	1.1	0.7	14.68501	0.02051	14.67527	2.2E+08
17.49791	17.8	17.3	12.73354	12.8288	12.63484	0.9244	1.1	0.7	14.76847	0.00781	14.75861	2.2E+08
18.1335	18.49999	17.8	12.6208	12.71797	12.52401	0.77869	0.9	0.6	14.85192	0.02046	14.84222	2.2E+08
18.1335	18.49999	17.8	12.6208	12.71797	12.52401	0.77869	0.9	0.6	14.93532	0.02046	14.92527	2.2E+08
18.28007	18.49999	18.09999	12.59839	12.66255	12.44089	0.89855	1.1	0.7	15.01873	0.06979	15.00861	2.2E+08
18.25261	18.59999	17.8	12.60124	12.74568	12.4686	1.55201	2.2	1.1	15.10213	0.00619	15.09222	2.2E+08
18.25261	18.59999	17.8	12.60124	12.74568	12.4686	1.55201	2.2	1.1	15.18559	0	15.17527	2.2E+08
17.89872	18.09999	17.69999	12.6382	12.77339	12.55172	2.39455	2.6	2.2	15.26906	0	15.25889	2.2E+08
17.89872	18.09999	17.69999	12.6382	12.77339	12.55172	2.39455	2.5	2.1	15.35252	0.00783	15.34222	2.2E+08
18.05836	18.3	17.9	12.62532	12.69026	12.49631	2.34951	2.5	2.1	15.43593	0.0348	15.42527	2.2E+08
18.03949	18.3	17.9	12.63257	12.71797	12.52401	2.54134	2.9	2.2	15.51933	0.0205	15.50861	2.2E+08
17.97418	18.09999	17.8	12.50103	12.66255	12.33006	2.93929	3.1	2.8	15.60278	0.03482	15.59222	2.2E+08
18.05604	18.3	17.9	12.45094	12.57943	12.33006	2.91131	3.1	2.6	15.68618	0	15.67555	2.2E+08
18.05604	18.3	17.9	12.45094	12.57943	12.33006	2.91131	3.1	2.6	15.76964	0.04899	15.75861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.62041	17.9	17.4	12.48502	12.63484	12.35776	3.15817	3.4	2.9	15.85304	0.06939	15.84222	2.2E+08
17.62041	17.9	17.4	12.48502	12.63484	12.35776	3.15817	3.4	2.9	15.93647	0.02054	15.92527	2.2E+08
17.41592	17.49999	17.3	12.4521	12.60713	12.33006	3.08966	3.2	2.9	16.01994	0.02053	16.00861	2.2E+08
17.52015	17.69999	17.4	12.45827	12.60713	12.33006	2.8731	3.1	2.8	16.10339	0	16.09222	2.2E+08
17.6717	17.8	17.49999	12.50747	12.66255	12.35776	2.71587	2.9	2.5	16.18685	0.01425	16.17555	2.2E+08
17.6717	17.8	17.49999	12.50747	12.66255	12.35776	2.71587	2.9	2.5	16.27033	0	16.25861	2.2E+08
17.81333	17.9	17.69999	12.40657	12.49631	12.27464	2.59674	2.7	2.5	16.35381	0	16.34222	2.2E+08
17.81333	17.9	17.69999	12.40657	12.49631	12.27464	2.59674	2.7	2.5	16.4371	0.03475	16.42527	2.2E+08
18.20357	18.69999	17.9	12.3457	12.4686	12.21922	2.29642	2.6	1.9	16.52031	0.03483	16.50888	2.2E+08
18.20357	18.69999	17.9	12.3457	12.4686	12.21922	2.29642	2.6	1.9	16.60351	0.02046	16.59194	2.2E+08
18.98885	19.49999	18.49999	12.28899	12.38547	12.19151	1.92136	2.4	1.5	16.68671	0.0204	16.67555	2.2E+08
18.98885	19.49999	18.49999	12.28899	12.38547	12.19151	1.92136	2.4	1.5	16.76992	0.01461	16.75861	2.2E+08
19.74825	19.9	19.49999	12.48768	12.63484	12.35776	1.83365	2	1.7	16.85312	0.03502	16.84222	2.2E+08
19.74825	19.9	19.49999	12.48768	12.63484	12.35776	1.83365	2	1.7	16.93632	0.03507	16.92527	2.2E+08
20.28607	20.49999	19.8	12.58705	12.77339	12.44089	2.25309	2.9	1.8	17.01953	0.02036	17.00888	2.2E+08
20.28607	20.49999	19.8	12.58705	12.77339	12.44089	2.25309	2.9	1.8	17.10274	0.11071	17.09194	2.2E+08
20.06854	20.3	19.9	12.74227	12.88421	12.60713	2.85066	3.3	2.4	17.18595	0.03507	17.17527	2.2E+08
20.36187	20.49999	20.19999	12.70258	12.85651	12.55172	3.12818	3.3	2.8	17.26915	0.03507	17.25888	2.2E+08
20.36187	20.49999	20.19999	12.70258	12.85651	12.55172	3.12818	3.3	2.8	17.35235	0	17.34194	2.2E+08
19.49514	19.8	18.99999	12.66961	12.8288	12.55172	3.91059	4.4	3.6	17.43556	0.02042	17.42555	2.2E+08
19.49514	19.8	18.99999	12.66961	12.8288	12.55172	3.91059	4.4	3.4	17.51877	0.03497	17.50861	2.2E+08
19.35378	19.59999	18.9	12.6189	12.80109	12.49631	3.8338	4.4	3.4	17.60197	0.03496	17.59194	2.2E+08
19.49327	19.8	19.19999	12.55759	12.69026	12.44089	3.39302	3.7	3	17.68517	0	17.67555	2.2E+08
19.49327	19.8	19.19999	12.55759	12.69026	12.44089	3.39302	3.7	3	17.76838	0	17.75861	2.2E+08
19.41263	19.59999	18.99999	12.53883	12.66255	12.41318	3.34456	3.7	3.1	17.85159	0.03509	17.84194	2.2E+08
20.08298	20.49999	19.49999	12.42469	12.55172	12.27464	2.64066	3.2	2.2	17.93479	0	17.92527	2.2E+08
20.42452	20.99999	19.8	12.55547	12.80109	12.41318	2.81138	3.6	2.1	18.01799	0	18.00888	2.2E+08
20.42452	20.99999	19.8	12.55547	12.80109	12.41318	2.81138	3.6	2.1	18.1012	0.02245	18.09194	2.2E+08
19.91443	20.4	19.49999	12.52795	12.69026	12.44089	3.53164	3.9	3.1	18.1844	0.01464	18.17555	2.2E+08
19.91443	20.4	19.49999	12.52795	12.69026	12.44089	3.53164	3.9	3.1	18.2676	0.00568	18.25861	2.2E+08
19.88664	20.3	19.49999	12.48006	12.63484	12.27464	3.50328	3.9	3.1	18.35081	0.00781	18.34194	2.2E+08
19.80414	20.4	19.49999	12.5328	12.69026	12.38547	3.33868	3.8	2.8	18.43401	0.05659	18.42555	2.2E+08
19.80414	20.4	19.49999	12.5328	12.69026	12.38547	3.33868	3.8	2.8	18.51724	0.01483	18.50861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
20.51173	20.99999	19.8	12.49769	12.66255	12.30235	2.77932	3.3	2.4	18.60044	0.02033	18.59194	2.2E+08
21.02852	21.4	20.3	12.53611	12.69026	12.4686	2.69287	3.3	2.3	18.68365	0.07575	18.67555	2.2E+08
21.02852	21.4	20.3	12.53611	12.69026	12.4686	2.69287	3.3	2.3	18.76686	0.00782	18.75861	2.2E+08
20.90569	21.49999	20.49999	12.65228	12.80109	12.4686	3.08537	3.4	2.5	18.85007	0	18.84194	2.2E+08
21.26379	21.49999	20.8	12.62957	12.77339	12.49631	2.89035	3.3	2.6	18.93328	0.00783	18.92527	2.2E+08
20.90597	21.4	20.49999	12.77145	12.85651	12.60713	3.51418	3.8	2.9	19.01649	0.07041	19.00888	2.2E+08
21.10683	21.49999	20.69999	12.70637	12.8288	12.57943	3.31336	3.8	2.9	19.0997	0.02806	19.09194	2.2E+08
21.28579	21.59999	20.8	12.66426	12.80109	12.55172	3.18512	3.7	3.2	19.1829	0.06503	19.17555	2.2E+08
21.21833	21.4	20.9	12.72559	12.8288	12.60713	3.35813	3.8	2.7	19.2661	0.01246	19.25888	2.2E+08
21.46783	21.9	20.9	12.7204	12.85651	12.60713	3.13553	3.8	2.7	19.34931	0	19.34194	2.2E+08
21.30636	21.59999	20.9	12.77874	12.85651	12.63484	3.36438	3.7	3.1	19.43251	0.10564	19.42555	2.2E+08
21.35043	21.59999	20.99999	12.79821	12.85651	12.71797	3.34607	3.7	3.1	19.51572	0.00528	19.50861	2.2E+08
21.47994	21.9	21.09999	12.83745	12.93963	12.74568	3.28389	3.7	2.8	19.59892	0.03268	19.59222	2.2E+08
21.47994	21.9	21.09999	12.83745	12.93963	12.74568	3.28389	3.7	2.8	19.68213	0.05553	19.67527	2.2E+08
21.85121	22.49999	21.4	12.90401	13.10588	12.80109	3.2533	3.8	2.5	19.76533	0.02022	19.75888	2.2E+08
21.85121	22.49999	21.4	12.90401	13.10588	12.80109	3.2533	3.8	2.5	19.84854	0.03527	19.84194	2.2E+08
22.25636	22.59999	21.59999	12.92725	13.07817	12.8288	2.97753	3.6	2.6	19.93175	0	19.92555	2.2E+08
22.25636	22.59999	21.59999	12.92725	13.07817	12.8288	2.97753	3.6	2.6	20.01495	0.09795	20.00861	2.2E+08
22.44054	22.8	21.4	13.01374	13.29983	12.8288	3.05713	4.3	2.6	20.09816	0.07572	20.09194	2.2E+08
21.42679	21.59999	21.09999	13.19123	13.32754	13.05046	4.24732	4.6	4	20.18138	0.12602	20.17527	2.2E+08
21.30707	21.59999	20.99999	13.15876	13.32754	12.99505	4.27144	4.6	3.8	20.26458	0.00512	20.25861	2.2E+08
21.57122	22.09999	21.3	13.07695	13.21671	12.93963	3.73786	3.8	3.1	20.34779	0.02022	20.34222	2.2E+08
21.77136	22.19999	21.4	13.10802	13.24442	12.93963	3.4377	3.8	3.1	20.43099	0.00992	20.42527	2.2E+08
21.71023	22.19999	21.49999	13.15374	13.24442	13.05046	3.50995	3.8	3	20.5142	0.05554	20.50861	2.2E+08
21.80277	22.49999	21.4	13.14587	13.24442	12.93963	3.50844	3.9	2.9	20.59742	0.08357	20.59194	2.2E+08
22.74997	23.49999	22.49999	13.1092	13.21671	12.99505	2.77486	3.1	2.2	20.68062	0.04044	20.67527	2.2E+08
22.88057	23.8	21.9	13.19893	13.38296	12.99505	2.97114	4.1	1.9	20.76384	0	20.75861	2.2E+08
22.03434	22.59999	21.49999	13.29665	13.41067	13.16129	3.9623	4.5	3.4	20.84705	0	20.84194	2.2E+08
22.57984	22.69999	22.19999	13.18204	13.27213	13.10588	3.31886	3.7	3.1	20.93025	0	20.92555	2.2E+08
22.57984	22.69999	22.19999	13.18204	13.27213	13.10588	3.31886	3.7	3.1	21.01345	0.02021	21.00861	2.2E+08
21.72156	22.19999	21.3	13.30903	13.46609	13.189	3.98169	4.4	3.5	21.09666	0.02026	21.09222	2.2E+08
21.72156	22.19999	21.3	13.30903	13.46609	13.189	3.98169	4.4	3.5	21.17987	0.0053	21.17527	2.2E+08
21.32226	21.49999	21.09999	13.25608	13.41067	13.13359	3.99792	4.2	3.8	21.26308	0.07053	21.25861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
21.28187	21.3	21.09999	13.24672	13.41067	13.16129	3.61261	4	3.4	21.34628	0.02024	21.34194	2.2E+08
21.56922	21.99999	21.09999	13.23769	13.35525	13.13359	3.03984	3.5	2.5	21.42949	0	21.42527	2.2E+08
21.21491	21.4	20.99999	13.27704	13.38296	13.16129	3.35791	3.6	3.1	21.51269	0.03536	21.50861	2.2E+08
21.78042	21.99999	21.4	13.32846	13.5215	13.21671	2.71395	3.2	2.4	21.59589	0.05032	21.59222	2.2E+08
21.64578	21.9	21.3	13.41463	13.54921	13.27213	3.01153	3.3	2.7	21.67911	0	21.67555	2.2E+08
21.64578	21.9	21.3	13.41463	13.54921	13.27213	3.01153	3.3	2.7	21.76231	0.02235	21.75861	2.2E+08
21.72813	21.99999	21.49999	13.45198	13.57691	13.29983	3.10992	3.5	2.9	21.84551	0.0655	21.84222	2.2E+08
21.68159	21.99999	21.49999	13.42823	13.57691	13.29983	3.32382	3.5	2.9	21.92871	0.07053	21.92527	2.2E+08
21.51472	21.99999	21.3	13.37402	13.5215	13.189	3.47824	3.7	3	22.01192	0.07579	22.00861	2.2E+08
21.36347	21.59999	20.99999	13.37981	13.49379	13.27213	3.51049	3.8	3.2	22.09512	0.02029	22.09194	2.2E+08
20.86401	20.99999	20.8	13.42347	13.54921	13.29983	3.72475	3.9	3.6	22.17833	0	22.17555	2.2E+08
20.86401	20.99999	20.8	13.42347	13.54921	13.29983	3.72475	3.9	3.6	22.26153	0	22.25861	2.2E+08
21.1079	21.3	20.8	13.28666	13.41067	13.16129	3.18315	3.5	2.9	22.34473	0.05016	22.34222	2.2E+08
21.1079	21.3	20.8	13.28666	13.41067	13.16129	3.18315	3.5	2.9	22.42794	0.01482	22.42527	2.2E+08
20.33377	20.4	20.3	13.31358	13.5215	13.16129	3.60228	3.7	3.3	22.51114	0.07029	22.50888	2.2E+08
20.33377	20.4	20.3	13.31358	13.5215	13.16129	3.60228	3.7	3.3	22.59434	0.04303	22.59194	2.2E+08
20.47082	20.69999	20.3	13.3361	13.49379	13.189	3.10899	3.3	2.8	22.67756	0.02734	22.67555	2.2E+08
20.47082	20.69999	20.3	13.3361	13.49379	13.189	3.10899	3.3	2.8	22.76076	0.08285	22.75861	2.2E+08
20.44288	20.69999	20.3	13.32809	13.46609	13.21671	3.08065	3.2	2.8	22.84397	0.03519	22.84222	2.2E+08
20.44288	20.69999	20.3	13.32809	13.46609	13.21671	3.08065	3.2	2.8	22.92717	0.02029	22.92527	2.2E+08
20.82818	20.99999	20.69999	13.40155	13.49379	13.27213	2.74591	2.9	2.6	23.01037	0	23.00888	2.2E+08
20.82818	20.99999	20.69999	13.40155	13.49379	13.27213	2.74591	2.9	2.6	23.09358	0.01953	23.09194	2.2E+08
20.59182	20.8	20.3	13.50615	13.60462	13.43838	3.34515	3.6	3.1	23.17678	0.01249	23.17555	2.2E+08
20.59182	20.8	20.3	13.50615	13.60462	13.43838	3.34515	3.6	3.1	23.25999	0	23.25861	2.2E+08
20.28654	20.4	20.19999	13.50824	13.63233	13.41067	3.54907	3.7	3.3	23.34319	0.01481	23.34194	2.2E+08
20.25904	20.4	19.9	13.44623	13.5215	13.35525	3.33067	3.6	3	23.42641	0.03513	23.42527	2.2E+08
20.09845	20.3	19.8	13.41086	13.54921	13.29983	3.27351	3.6	3	23.50962	0.03518	23.50861	2.2E+08
20.29764	20.4	20.19999	13.35982	13.5215	13.189	2.66874	2.8	2.5	23.59282	0.01485	23.59222	2.2E+08
20.29764	20.4	20.19999	13.35982	13.5215	13.189	2.66874	2.8	2.5	23.67603	0.02588	23.67527	2.2E+08
20.27584	20.4	19.9	13.42581	13.54921	13.29983	2.67707	3.3	2.8	23.75923	0.02038	23.75888	2.2E+08
19.76831	20.09999	19.49999	13.48547	13.57691	13.38296	3.11034	3.3	2.8	23.84243	0	23.84194	2.2E+08
19.57076	19.59999	19.49999	13.30414	13.49379	13.13359	3.02358	3.3	2.8	23.92563	0.0781	23.92527	2.2E+08
19.53859	19.59999	19.49999	11.794	13.41067	0	2.32147	2.5	2.1	24.00113	0	24	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
19.53859	19.59999	19.49999	11.794	13.41067	0	2.32147	2.5	2.1	24.00113	0	24	2.2E+08
19.18991	19.3	19.09999	0	0	0	2.41008	2.5	2.3	24.00113	0	24	2.2E+08
19.11901	19.19999	18.99999	0	0	0	2.45408	2.6	2.3	24.00113	0	24	2.2E+08
19.02353	19.09999	18.99999	0	0	0	2.45864	2.6	2.3	24.00113	0	24	2.2E+08
18.90236	19.09999	18.69999	0	0	0	2.50334	2.7	2.3	24.00113	0	24	2.2E+08
18.84924	18.99999	18.59999	0	0	0	2.42941	2.8	2.2	24.00113	0	24	2.2E+08
18.63597	18.9	18.59999	0	0	0	2.52353	2.8	2.3	24.00113	0	24	2.2E+08
18.63597	18.9	18.59999	0	0	0	2.52353	2.8	2.3	24.00113	0	24	2.2E+08
18.66052	18.9	18.49999	0	0	0	2.38553	2.6	2.1	24.00113	0	24	2.2E+08
18.51579	18.69999	18.4	0	0	0	2.47061	2.6	2.3	24.00113	0	24	2.2E+08
18.38538	18.49999	18.3	0	0	0	2.48755	2.6	2.2	24.00113	0	24	2.2E+08
18.32355	18.4	18.3	0	0	0	2.31465	2.6	2.2	24.00113	0	24	2.2E+08
18.32017	18.4	18.3	0	0	0	2.18655	2.3	2.1	24.00113	0	24	2.2E+08
18.33362	18.4	18.3	0	0	0	2.07531	2.2	1.9	24.00113	0	24	2.2E+08
18.1316	18.3	17.9	0	0	0	2.18184	2.4	2	24.00113	0	24	2.2E+08
18.09327	18.09999	17.99999	0	0	0	2.112	2.2	1.8	24.00113	0	24	2.2E+08
18.00555	18.09999	17.9	0	0	0	1.89767	2.1	1.7	24.00113	0	24	2.2E+08
17.9158	17.99999	17.8	0	0	0	1.76724	1.9	1.7	24.00113	0	24	2.2E+08
17.9158	17.99999	17.8	0	0	0	1.76724	1.9	1.7	24.00113	0	24	2.2E+08
17.81229	17.9	17.69999	0	0	0	1.77424	1.9	1.6	24.00113	0	24	2.2E+08
17.77983	17.9	17.69999	0	0	0	1.53682	1.7	1.4	24.00113	0	24	2.2E+08
17.65529	17.8	17.49999	0	0	0	1.58506	1.8	1.4	24.00113	0	24	2.2E+08
17.52487	17.69999	17.49999	0	0	0	1.59428	1.7	1.4	24.00113	0	24	2.2E+08
17.47651	17.49999	17.4	0.87539	13.49379	0	1.57424	1.7	1.5	0.00715	2.51165	0.00888	2.2E+08
17.47651	17.49999	17.4	0.87539	13.49379	0	1.57424	1.7	1.5	0.09054	0.02052	0.09194	2.2E+08
17.43934	17.49999	17.4	13.60567	13.79858	13.43838	1.3216	1.6	1.2	0.17391	0.09664	0.17527	2.2E+08
17.40655	17.49999	17.3	13.74373	13.82629	13.60462	1.18555	1.3	1.1	0.2573	0.02054	0.25861	2.2E+08
17.34034	17.4	17.3	13.8043	13.8817	13.71546	1.099	1.2	1	0.34069	0.00784	0.34194	2.2E+08
17.33042	17.4	17.3	13.83751	13.96483	13.74316	0.99523	1.1	0.8	0.42408	0.0348	0.42527	2.2E+08
17.30235	17.4	17.3	13.90944	14.02024	13.79858	0.91787	0.9	0.7	0.50745	0.00785	0.50861	2.2E+08
17.3	17.3	17.3	13.9542	14.04795	13.85399	0.87647	0.9	0.7	0.59083	0.06964	0.59194	2.2E+08
17.30335	17.4	17.3	13.95612	14.02024	13.8817	0.77198	0.9	0.7	0.6742	0	0.67527	2.2E+08
17.26301	17.3	17.19999	13.94729	14.02024	13.8817	0.72354	0.8	0.6	0.75757	0.02053	0.75888	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.26301	17.3	17.19999	13.94729	14.02024	13.8817	0.72354	0.8	0.6	0.84094	0.05532	0.84194	2.2E+08
17.24283	17.3	17.19999	13.96258	14.04795	13.85399	0.72005	0.8	0.6	0.92431	0	0.92527	2.2E+08
17.21242	17.3	17.19999	13.97326	14.04795	13.90941	0.72459	0.8	0.6	1.00768	0.10436	1.00861	2.2E+08
17.21679	17.3	17.19999	13.98303	14.07566	13.90941	0.69329	0.8	0.6	1.09104	0.03478	1.09194	2.2E+08
17.2101	17.3	17.19999	14.01356	14.07566	13.90941	0.69223	0.8	0.6	1.17441	0.04905	1.17555	2.2E+08
17.2101	17.3	17.19999	14.01356	14.07566	13.90941	0.69223	0.8	0.6	1.25776	0	1.25861	2.2E+08
17.19999	17.19999	17.19999	14.01469	14.07566	13.93712	0.70336	0.8	0.7	1.34112	0.01422	1.34194	2.2E+08
17.19664	17.19999	17.09999	14.0149	14.07566	13.93712	0.69648	0.8	0.6	1.42448	0	1.42555	2.2E+08
17.19664	17.19999	17.09999	14.0149	14.07566	13.93712	0.69648	0.8	0.6	1.50786	0	1.50861	2.2E+08
17.20335	17.3	17.19999	14.0284	14.10337	13.93712	0.66741	0.7	0.4	1.59123	0.02694	1.59194	2.2E+08
17.18319	17.3	17.09999	14.03711	14.10337	13.96483	0.67979	0.8	0.4	1.67461	0.03479	1.67555	2.2E+08
17.19984	17.19999	17.09999	14.03059	14.13107	13.96483	0.62952	0.8	0.4	1.75798	0	1.75888	2.2E+08
17.18422	17.3	16.9	14.02527	14.10337	13.96483	0.62839	0.9	0.4	1.84134	0	1.84222	2.2E+08
17.18422	17.3	16.9	14.02527	14.10337	13.96483	0.62839	1	0.4	1.9247	0.0284	1.92555	2.2E+08
17.14607	17.19999	16.9	14.04071	14.13107	13.96483	0.64587	1	0.4	2.00807	0.0759	2.00861	2.2E+08
16.98534	17.19999	16.9	14.06661	14.2142	13.93712	0.76771	1	0.4	2.09143	0.10423	2.09222	2.2E+08
16.98534	17.19999	16.9	14.06661	14.2142	13.93712	0.76771	1	0.4	2.17479	0.05534	2.17555	2.2E+08
16.89328	16.9	16.8	14.0789	14.2142	13.99253	0.82439	1	0.7	2.25816	0.06951	2.25888	2.2E+08
16.89328	16.9	16.8	14.0789	14.2142	13.99253	0.82439	1.1	0.7	2.34152	0.08359	2.34194	2.2E+08
16.87311	16.9	16.8	14.04399	14.18649	13.96483	0.82439	1.1	0.7	2.42489	0.04888	2.42527	2.2E+08
16.82686	16.9	16.8	14.02804	14.13107	13.93712	0.80002	1	0.7	2.50825	0.03474	2.50888	2.2E+08
16.82686	16.9	16.8	14.02804	14.13107	13.93712	0.80002	1	0.7	2.5916	0.13885	2.59194	2.2E+08
16.81346	16.9	16.8	14.01124	14.10337	13.93712	0.79999	1	0.7	2.67496	0.03472	2.67555	2.2E+08
16.82353	16.9	16.8	13.99595	14.07566	13.90941	0.78318	0.9	0.7	2.75831	0.03474	2.75861	2.2E+08
16.80336	16.9	16.8	13.98504	14.07566	13.90941	0.78639	0.8	0.7	2.84166	0	2.84222	2.2E+08
16.80336	16.9	16.8	13.98504	14.07566	13.90941	0.78639	0.8	0.7	2.92504	0.03472	2.92527	2.2E+08
16.80335	16.9	16.8	13.96149	14.04795	13.85399	0.77412	0.8	0.7	3.00844	0.0488	3.00861	2.2E+08
16.79328	16.8	16.69999	13.93774	14.04795	13.85399	0.77631	0.9	0.7	3.09183	0.01414	3.09194	2.2E+08
16.72602	16.8	16.59999	13.94084	14.07566	13.79858	0.8032	1	0.7	3.17522	0.04888	3.17555	2.2E+08
16.72602	16.8	16.59999	13.94084	14.07566	13.79858	0.8032	1	0.7	3.25861	0.03467	3.25861	2.2E+08
16.69209	16.8	16.59999	13.97857	14.07566	13.8817	0.81125	1	0.7	3.342	0.11818	3.34194	2.2E+08
16.54943	16.59999	16.49999	14.0152	14.10337	13.93712	0.90451	1	0.8	3.42537	0.0347	3.42555	2.2E+08
16.54943	16.59999	16.49999	14.0152	14.10337	13.93712	0.90451	1	0.8	3.50872	0.05532	3.50861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
16.44619	16.49999	16.3	14.02786	14.10337	13.93712	0.95365	1.1	0.8	3.59208	0	3.59222	2.2E+08
16.44619	16.49999	16.3	14.02786	14.10337	13.93712	0.95365	1.1	0.8	3.67546	0	3.67527	2.2E+08
16.36518	16.49999	16.3	14.06598	14.15878	13.99253	1.00202	1.1	0.8	3.75887	0.03464	3.75861	2.2E+08
16.29647	16.49999	16.19999	14.07212	14.15878	13.99253	1.03714	1.2	0.8	3.84225	0.02061	3.84194	2.2E+08
16.24602	16.3	16.19999	14.10756	14.2142	13.96483	1.05398	1.1	1	3.92563	0	3.92555	2.2E+08
16.23698	16.3	16.19999	14.10756	14.2142	13.96483	1.05398	1.1	0.7	4.009	0.02061	4.00888	2.2E+08
16.23698	16.3	16.19999	14.14875	14.24191	14.02024	1.03594	1.1	0.7	4.09237	0.11183	4.09194	2.2E+08
16.23026	16.3	16.19999	14.13728	14.29732	13.99253	1.03039	1.1	0.8	4.17575	0.02061	4.17527	2.2E+08
16.23696	16.3	16.19999	14.18828	14.29732	14.07566	0.9822	1.1	0.7	4.25913	0.03466	4.25861	2.2E+08
16.22371	16.3	16.19999	14.18737	14.32503	14.07566	1.00335	1.1	0.7	4.34252	0	4.34194	2.2E+08
16.23597	16.3	16.19999	14.23303	14.43586	14.10337	0.97647	1.1	0.7	4.42589	0.02061	4.42527	2.2E+08
16.23379	16.3	16.19999	14.24605	14.38045	14.13107	0.96582	1.1	0.7	4.50926	0.03466	4.50888	2.2E+08
16.21583	16.3	16.09999	14.21729	14.35274	14.07566	0.91329	1.1	0.7	4.59263	0.03466	4.59222	2.2E+08
16.21583	16.3	16.09999	14.21729	14.35274	14.07566	0.91329	1.1	0.7	4.67598	0.02063	4.67527	2.2E+08
16.18656	16.19999	16.09999	14.21076	14.35274	14.10337	0.89414	1	0.8	4.75935	0.03462	4.75861	2.2E+08
15.99665	16.09999	15.9	14.20413	14.35274	14.10337	0.99998	1.2	0.9	4.84271	0.06926	4.84222	2.2E+08
15.96301	15.99999	15.9	14.21432	14.35274	14.10337	0.99984	1.1	0.9	4.9261	0	4.92555	2.2E+08
15.96301	15.99999	15.9	14.21432	14.35274	14.10337	0.99984	1.1	0.9	5.0095	0.05528	5.00861	2.2E+08
15.91916	15.99999	15.9	14.23405	14.35274	14.10337	1.00775	1.1	0.9	5.09289	0	5.09194	2.2E+08
15.95277	15.99999	15.9	14.24729	14.38045	14.10337	0.94722	1	0.9	5.17628	0.03462	5.17555	2.2E+08
15.95277	15.99999	15.9	14.24729	14.38045	14.10337	0.94722	1	0.9	5.25966	0.06923	5.25861	2.2E+08
15.95379	15.99999	15.9	14.24173	14.35274	14.10337	0.92604	1	0.7	5.34306	0	5.34194	2.2E+08
15.91009	15.99999	15.9	14.27619	14.40816	14.13107	0.9763	1	0.8	5.42644	0.06923	5.42555	2.2E+08
15.91006	15.99999	15.9	14.31892	14.40816	14.2142	0.9674	1.2	0.8	5.50983	0.03462	5.50861	2.2E+08
15.88319	15.9	15.59999	14.2872	14.43586	14.18649	0.94623	1.2	0.8	5.59321	0.06923	5.59194	2.2E+08
15.89968	15.9	15.69999	14.25878	14.38045	14.13107	0.93627	1.1	0.8	5.67659	0.00784	5.67527	2.2E+08
15.90671	15.99999	15.9	14.29256	14.40816	14.18649	0.96168	1	0.8	5.75998	0.03458	5.75888	2.2E+08
15.90671	15.99999	15.9	14.29256	14.40816	14.18649	0.96168	1.2	0.9	5.84337	0.03464	5.84222	2.2E+08
15.88655	15.9	15.69999	14.31225	14.40816	14.18649	1.01009	1.2	0.9	5.92677	0.04245	5.92527	2.2E+08
15.81134	15.9	15.59999	14.33231	14.43586	14.18649	1.11216	1.4	1	6.01011	0.13846	6.00888	2.2E+08
15.81134	15.9	15.59999	14.33231	14.43586	14.18649	1.11216	1.4	1	6.09345	0.03459	6.09194	2.2E+08
15.64713	15.9	15.59999	14.34296	14.46357	14.26962	1.27657	1.4	1.1	6.17682	0.05525	6.17555	2.2E+08
15.64713	15.9	15.59999	14.34296	14.46357	14.26962	1.27657	1.4	1.3	6.26019	0	6.25861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
15.59999	15.59999	15.59999	14.33385	14.43586	14.2142	1.3158	1.4	1.3	6.34355	0.03454	6.34194	2.2E+08
15.6168	15.69999	15.59999	14.27104	14.38045	14.13107	1.31341	1.4	1.2	6.42691	0.03456	6.42527	2.2E+08
15.80455	15.9	15.59999	14.23944	14.40816	14.07566	1.19983	1.5	1.1	6.51031	0.03459	6.50888	2.2E+08
15.80455	15.9	15.59999	14.23944	14.40816	14.07566	1.19983	1.5	1.1	6.5937	0	6.59194	2.2E+08
15.85969	15.9	15.69999	14.23906	14.38045	14.07566	1.33247	1.6	1.1	6.67706	0.03462	6.67527	2.2E+08
16.19865	16.3	15.99999	14.19934	14.32503	14.07566	1.10132	1.3	1	6.76045	0.13861	6.75888	2.2E+08
16.19865	16.3	15.99999	14.19934	14.32503	14.07566	1.10132	1.3	1.1	6.84381	0	6.84194	2.2E+08
16.19312	16.3	16.09999	14.23959	14.38045	14.07566	1.18772	1.3	1.1	6.92718	0.014	6.92527	2.2E+08
16.19999	16.19999	16.19999	14.29546	14.43586	14.18649	1.35397	1.4	1.3	7.01057	0	7.00888	2.2E+08
16.19999	16.19999	16.19999	14.29546	14.43586	14.18649	1.35397	1.5	1.3	7.09396	0.10386	7.09222	2.2E+08
16.18319	16.19999	16.09999	14.27529	14.40816	14.15878	1.41343	2	1.4	7.17735	0	7.17527	2.2E+08
16.01458	16.19999	15.9	14.27053	14.38045	14.13107	1.656	2	1.4	7.26076	0.06919	7.25861	2.2E+08
15.87311	15.9	15.69999	14.32304	14.40816	14.13107	1.90872	2.2	1.7	7.34417	0	7.34194	2.2E+08
15.97412	15.99999	15.9	14.39382	14.49128	14.29732	1.90336	2	1.8	7.42756	0.02679	7.42555	2.2E+08
15.97412	15.99999	15.9	14.39382	14.49128	14.29732	1.90336	2	1.8	7.51094	0.01396	7.50888	2.2E+08
15.97664	16.09999	15.9	14.40845	14.49128	14.32503	1.92335	2	1.8	7.59434	0.08324	7.59194	2.2E+08
16.08669	16.19999	15.9	14.39471	14.46357	14.32503	1.82676	2	1.7	7.67775	0.10393	7.67527	2.2E+08
16.19999	16.3	16.09999	14.40217	14.49128	14.29732	1.72016	1.9	1.7	7.76113	0.01401	7.75861	2.2E+08
16.09646	16.19999	15.9	14.38576	14.46357	14.29732	1.87998	2.1	1.7	7.84449	0.02064	7.84222	2.2E+08
16.09646	16.19999	15.9	14.38576	14.46357	14.29732	1.87998	2.1	1.7	7.92784	0.02063	7.92527	2.2E+08
16.04401	16.19999	15.9	14.43528	14.51899	14.35274	1.96608	2.2	1.8	8.01121	0.02063	8.00889	2.2E+08
16.04401	16.19999	15.9	14.43528	14.51899	14.35274	1.96608	2.2	1.8	8.09459	0.03462	8.09194	2.2E+08
16.00486	16.19999	15.9	14.45349	14.62982	14.35274	2.01869	2.2	1.8	8.17794	0	8.17527	2.2E+08
16.14039	16.19999	15.99999	14.48084	14.5744	14.38045	1.9102	2.1	1.8	8.26137	0.02063	8.25889	2.2E+08
16.14039	16.19999	15.99999	14.48084	14.5744	14.38045	1.9102	2.1	1.8	8.34475	0.10382	8.34194	2.2E+08
15.86499	15.9	15.59999	14.55064	14.65753	14.40816	2.23248	2.5	2.1	8.42814	0	8.42555	2.2E+08
15.86499	15.9	15.59999	14.55064	14.65753	14.40816	2.23248	2.5	2.1	8.51162	0	8.50861	2.2E+08
15.97096	16.09999	15.9	14.55361	14.62982	14.46357	2.05255	2.2	1.9	8.59512	0	8.59222	2.2E+08
15.97096	16.09999	15.9	14.55361	14.62982	14.46357	2.05255	2.1	1.8	8.67854	0.02062	8.67527	2.2E+08
16.08318	16.19999	15.99999	14.48648	14.60211	14.35274	1.93362	2.1	1.8	8.76201	0	8.75861	2.2E+08
16.17061	16.19999	15.99999	14.45844	14.60211	14.35274	1.85289	2	1.8	8.84546	0	8.84222	2.2E+08
16.19327	16.19999	15.99999	14.45453	14.60211	14.35274	1.88989	2.2	1.8	8.92888	0.03461	8.92555	2.2E+08
16.19327	16.19999	15.99999	14.45453	14.60211	14.35274	1.88989	2.2	1.8	9.01228	0	9.00861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.36856	16.59999	16.19999	14.40503	14.49128	14.26962	1.82471	2	1.6	9.09566	0.02843	9.09222	2.2E+08
16.36856	16.59999	16.19999	14.40503	14.49128	14.26962	1.82471	1.9	1.6	9.17908	0.06934	9.17527	2.2E+08
16.49664	16.59999	16.3	14.4081	14.5467	14.29732	1.71006	1.9	1.6	9.26249	0.00655	9.25861	2.2E+08
16.43277	16.49999	16.3	14.42429	14.51899	14.32503	1.81427	2.1	1.7	9.34592	0.02682	9.34194	2.2E+08
16.44624	16.49999	16.3	14.45151	14.5744	14.35274	1.84781	2.1	1.7	9.42934	0.03468	9.42527	2.2E+08
16.42132	16.59999	16.3	14.45296	14.5744	14.35274	1.97197	2.1	1.7	9.51278	0	9.50889	2.2E+08
16.42132	16.59999	16.3	14.45296	14.5744	14.35274	1.97197	2.1	1.7	9.5962	0.06926	9.59194	2.2E+08
16.2	16.3	16.09999	14.47199	14.5744	14.38045	2.2067	2.3	2.1	9.67965	0.03464	9.67555	2.2E+08
16.2	16.3	16.09999	14.47199	14.5744	14.38045	2.2067	2.3	2.1	9.76314	0.02062	9.75861	2.2E+08
16.19646	16.19999	16.09999	14.44758	14.5467	14.32503	2.21362	2.3	2	9.84663	0	9.84222	2.2E+08
16.20335	16.3	16.19999	14.42239	14.5467	14.32503	2.15964	2.3	2	9.93012	0	9.92555	2.2E+08
16.19665	16.3	16.09999	14.40315	14.46357	14.32503	2.15964	2.3	2	10.0136	0	10.00889	2.2E+08
16.19665	16.3	16.09999	14.40315	14.46357	14.32503	2.14287	2.3	2	10.09709	0	10.09194	2.2E+08
16.18656	16.19999	16.09999	14.41887	14.51899	14.35274	2.126	2.3	2	10.18056	0.03464	10.17527	2.2E+08
16.26781	16.49999	16.19999	14.44741	14.5467	14.35274	2.06665	2.2	1.7	10.26402	0	10.25889	2.2E+08
16.26781	16.49999	16.19999	14.44741	14.5467	14.35274	2.06665	2.2	1.7	10.34747	0	10.34194	2.2E+08
16.28775	16.49999	16.19999	14.42973	14.5467	14.32503	2.01644	2.2	1.7	10.43093	0.07588	10.42527	2.2E+08
16.45636	16.59999	16.3	14.46972	14.5467	14.38045	1.88314	2.1	1.6	10.51438	0.0206	10.50889	2.2E+08
16.45636	16.59999	16.3	14.46972	14.5467	14.38045	1.88314	2.1	1.6	10.59782	0	10.59194	2.2E+08
16.55731	16.59999	16.49999	14.44435	14.5467	14.35274	1.82925	1.9	1.6	10.68127	0	10.67527	2.2E+08
16.63695	16.8	16.59999	14.41793	14.51899	14.32503	1.75294	1.9	1.5	10.76469	0	10.75861	2.2E+08
16.54369	16.59999	16.49999	14.41239	14.49128	14.32503	1.95965	2.1	1.8	10.84813	0	10.84222	2.2E+08
16.54369	16.59999	16.49999	14.41239	14.49128	14.32503	1.95965	2.3	2	10.93159	0	10.92555	2.2E+08
16.49326	16.49999	16.3	14.40784	14.51899	14.32503	2.0775	2.3	2	11.01506	0.00655	11.00861	2.2E+08
16.40082	16.49999	16.3	14.3707	14.43586	14.26962	2.23279	2.4	2.1	11.09853	0	11.09222	2.2E+08
16.40082	16.49999	16.3	14.3707	14.43586	14.26962	2.23279	2.4	2	11.182	0.03467	11.17527	2.2E+08
16.47846	16.59999	16.3	14.36571	14.49128	14.26962	2.16541	2.4	2	11.26547	0	11.25861	2.2E+08
16.5069	16.59999	16.3	14.37909	14.46357	14.29732	2.15711	2.3	2.1	11.34894	0	11.34222	2.2E+08
16.5069	16.59999	16.3	14.37909	14.46357	14.29732	2.15711	2.3	2.1	11.43238	0.03467	11.42527	2.2E+08
16.60671	16.69999	16.59999	14.40163	14.51899	14.32503	2.06974	2.2	2	11.51582	0.0347	11.50889	2.2E+08
16.58319	16.59999	16.49999	14.40647	14.49128	14.32503	2.10335	2.2	2	11.59928	0	11.59194	2.2E+08
16.56955	16.59999	16.49999	14.40179	14.49128	14.32503	2.13044	2.3	2.1	11.68276	0.02059	11.67555	2.2E+08
16.57415	16.59999	16.49999	14.40986	14.51899	14.32503	2.12919	2.3	2.1	11.76623	0.06934	11.75861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
16.62689	16.8	16.59999	14.38101	14.46357	14.29732	2.12352	2.3	1.9	11.84966	0.02059	11.84222	2.2E+08
16.62689	16.8	16.59999	14.38101	14.46357	14.29732	2.12352	2.3	1.9	11.93314	0	11.92527	2.2E+08
16.60568	16.69999	16.49999	14.39286	14.49128	14.29732	2.21482	2.4	2.1	12.01661	0.03466	12.00889	2.2E+08
16.60568	16.69999	16.49999	14.39286	14.49128	14.29732	2.21482	2.4	2.1	12.10008	0.03467	12.09194	2.2E+08
16.58657	16.59999	16.49999	14.4152	14.46357	14.35274	2.26182	2.5	2.1	12.18354	0	12.17527	2.2E+08
16.62351	16.8	16.59999	14.40282	14.46357	14.32503	2.32273	2.4	2.2	12.26697	0.03467	12.25889	2.2E+08
16.62351	16.8	16.59999	14.40282	14.46357	14.32503	2.32273	2.4	2.2	12.35042	0.02059	12.34194	2.2E+08
16.60986	16.69999	16.49999	14.39804	14.49128	14.32503	2.36995	2.5	2.2	12.43389	0	12.42527	2.2E+08
16.54705	16.59999	16.49999	14.38855	14.46357	14.29732	2.44288	2.6	2.2	12.51737	0.02059	12.50889	2.2E+08
16.54705	16.59999	16.49999	14.38855	14.46357	14.29732	2.44288	2.6	2.2	12.60081	0	12.59194	2.2E+08
16.57415	16.59999	16.49999	14.36542	14.43586	14.26962	2.40567	2.5	2.2	12.6843	0	12.67527	2.2E+08
16.60336	16.69999	16.59999	14.37426	14.43586	14.26962	2.3462	2.5	2.1	12.76776	0.03464	12.75861	2.2E+08
16.56286	16.59999	16.49999	14.37595	14.46357	14.29732	2.27912	2.5	2.1	12.8512	0.0693	12.84194	2.2E+08
16.5338	16.59999	16.3	14.35302	14.43586	14.24191	2.30785	2.5	2.1	12.93465	0.03465	12.92527	2.2E+08
16.56639	16.59999	16.49999	14.3248	14.40816	14.2142	2.25377	2.5	2.1	13.01811	0.0206	13.00861	2.2E+08
16.57647	16.59999	16.49999	14.2961	14.38045	14.18649	2.20312	2.3	1.9	13.10156	0	13.09222	2.2E+08
16.63071	16.8	16.49999	14.29834	14.38045	14.18649	2.11652	2.3	1.9	13.18503	0.03471	13.17527	2.2E+08
16.80335	16.9	16.69999	14.19849	14.29732	14.10337	1.98322	2.2	1.8	13.26849	0.00783	13.25889	2.2E+08
16.84369	16.9	16.8	14.15528	14.29732	14.02024	2.00671	2.2	1.8	13.35193	0.0141	13.34194	2.2E+08
17.00457	17.19999	16.9	14.09319	14.18649	13.99253	1.99763	2.2	1.8	13.43537	0.0347	13.42555	2.2E+08
17.00457	17.19999	16.9	14.09319	14.18649	13.99253	1.99763	2.2	1.8	13.51878	0.04872	13.50861	2.2E+08
16.801	16.9	16.69999	14.13192	14.2142	14.02024	2.30002	2.4	2.2	13.60221	0.0347	13.59222	2.2E+08
16.801	16.9	16.69999	14.13192	14.2142	14.02024	2.30002	2.4	2.2	13.68566	0.02058	13.67527	2.2E+08
16.92824	17.09999	16.8	14.1454	14.24191	14.04795	2.23932	2.4	2	13.76913	0.00139	13.75889	2.2E+08
16.92824	17.09999	16.8	14.1454	14.24191	14.04795	2.23932	2.4	2	13.85256	0.08362	13.84194	2.2E+08
17.11366	17.19999	16.9	14.12161	14.24191	14.02024	2.14936	2.4	2	13.93599	0.03472	13.92527	2.2E+08
17.06497	17.19999	16.9	14.02866	14.10337	13.93712	2.3125	2.7	2.1	14.01942	0.04114	14.00889	2.2E+08
17.06497	17.19999	16.9	14.02866	14.10337	13.93712	2.3125	2.7	2.1	14.10285	0.06169	14.09194	2.2E+08
17.21337	17.3	16.9	14.02634	14.10337	13.96483	2.3685	2.5	2.1	14.18633	0	14.17555	2.2E+08
17.21337	17.3	16.9	14.02634	14.10337	13.96483	2.3685	2.5	2.1	14.26979	0.03475	14.25861	2.2E+08
17.21918	17.3	17.09999	14.0118	14.10337	13.93712	2.43474	2.5	2.3	14.35323	0.03475	14.34194	2.2E+08
17.26739	17.3	17.19999	14.00503	14.07566	13.90941	2.46285	2.6	2.4	14.43667	0.03472	14.42527	2.2E+08
17.35902	17.69999	17.19999	13.97262	14.10337	13.8817	2.54434	2.7	2.2	14.52013	0	14.50889	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.35902	17.69999	17.19999	13.97262	14.10337	13.8817	2.54434	2.9	2.1	14.60354	0.06951	14.59222	2.2E+08
17.65894	17.8	17.4	13.95686	14.07566	13.85399	2.42875	2.8	2.2	14.68694	0.04905	14.67555	2.2E+08
17.65894	17.8	17.4	13.95686	14.07566	13.85399	2.42875	2.8	2.3	14.77036	0.0901	14.75861	2.2E+08
17.68544	17.9	17.49999	13.96003	14.07566	13.85399	2.52481	2.8	2.3	14.85378	0.03483	14.84194	2.2E+08
18.03247	18.3	17.8	13.90263	14.02024	13.79858	2.25072	2.5	2	14.93718	0	14.92527	2.2E+08
18.06303	18.3	17.9	13.90303	14.02024	13.82629	2.26068	2.5	2	15.02061	0	15.00861	2.2E+08
18.29531	18.49999	18.09999	13.88458	14.02024	13.77087	2.13198	2.3	1.9	15.10404	0.01442	15.09194	2.2E+08
18.44152	18.59999	18.3	13.90412	14.02024	13.82629	2.15843	2.3	2	15.18744	0.03482	15.17527	2.2E+08
18.26734	18.49999	17.9	13.94808	14.02024	13.85399	2.56509	3	2.1	15.27089	0.0758	15.25861	2.2E+08
18.17953	18.59999	17.9	13.98769	14.10337	13.8817	2.89127	3.2	2.4	15.35428	0.04933	15.34222	2.2E+08
18.17953	18.59999	17.9	13.98769	14.10337	13.8817	2.89127	3.2	2.4	15.43769	0.09013	15.42527	2.2E+08
18.37641	18.59999	18.09999	14.00031	14.10337	13.82629	2.97853	3.1	2.7	15.52115	0.00782	15.50889	2.2E+08
18.37641	18.59999	18.09999	14.00031	14.10337	13.82629	2.97853	3.1	2.7	15.60458	0	15.59194	2.2E+08
18.39883	18.59999	18.09999	14.01671	14.10337	13.90941	3.18203	3.5	2.9	15.68801	0	15.67555	2.2E+08
18.39883	18.59999	18.09999	14.01671	14.10337	13.90941	3.18203	3.5	2.9	15.77145	0	15.75861	2.2E+08
18.27683	18.49999	18.09999	14.03731	14.15878	13.93712	3.30301	3.5	3	15.85489	0.02867	15.84194	2.2E+08
18.27745	18.49999	18.09999	14.01548	14.10337	13.90941	3.21144	3.4	3	15.93834	0.02896	15.92527	2.2E+08
18.46084	18.9	18.09999	14.03421	14.10337	13.96483	2.96839	3.4	2.5	16.02176	0.00669	16.00861	2.2E+08
18.91566	19.19999	18.59999	14.0499	14.13107	13.93712	2.61916	3	2.3	16.10516	0.02043	16.09194	2.2E+08
18.83873	18.99999	18.59999	14.09709	14.32503	13.93712	2.84547	3.1	2.6	16.18858	0.01452	16.17527	2.2E+08
19.23845	19.69999	18.69999	14.20487	14.35274	14.04795	2.78162	3.3	2.4	16.27198	0.00783	16.25861	2.2E+08
19.58793	20.3	18.99999	14.26079	14.40816	14.07566	2.9182	3.4	2.3	16.35542	0.00556	16.34222	2.2E+08
19.58793	20.3	18.99999	14.26079	14.40816	14.07566	2.9182	3.4	2.3	16.43869	0.03507	16.42527	2.2E+08
20.1251	20.3	19.9	14.28543	14.40816	14.07566	2.58537	3.5	3	16.52189	0.03503	16.50888	2.2E+08
20.00516	20.19999	19.8	14.35641	14.43586	14.24191	3.08279	3.5	2.7	16.6051	0.10522	16.59222	2.2E+08
20.00516	20.19999	19.8	14.35641	14.43586	14.24191	3.08279	3.5	2.7	16.6883	0.02037	16.67527	2.2E+08
19.75649	20.09999	19.49999	14.40008	14.49128	14.32503	3.54686	3.8	3.3	16.77151	0	16.75888	2.2E+08
19.75649	20.09999	19.49999	14.40008	14.49128	14.32503	3.54686	3.8	3.3	16.85471	0.06889	16.84194	2.2E+08
19.55637	19.9	19.49999	14.45487	14.60211	14.38045	3.7964	3.9	3.5	16.93791	0	16.92555	2.2E+08
19.55637	19.9	19.49999	14.45487	14.60211	14.38045	3.7964	3.9	3.5	17.02112	0.04976	17.00861	2.2E+08
19.45727	19.8	19.09999	14.46944	14.65753	14.35274	3.70242	4.1	3.4	17.10432	0.02039	17.09222	2.2E+08
19.45727	19.8	19.09999	14.46944	14.65753	14.35274	3.70242	4.1	3.4	17.18752	0.02933	17.17527	2.2E+08
19.40159	19.8	19.19999	14.53323	14.68524	14.38045	3.61855	4	3.2	17.27073	0.0204	17.25888	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.40159	19.8	19.19999	14.53323	14.68524	14.38045	3.61855	4	3.2	17.35393	0	17.34194	2.2E+08
19.61536	19.9	19.3	14.50987	14.60211	14.40816	3.36783	3.7	3.1	17.43714	0	17.42555	2.2E+08
19.61536	19.9	19.3	14.50987	14.60211	14.40816	3.36783	3.8	3.1	17.52034	0.04074	17.50888	2.2E+08
19.58714	19.9	19.19999	14.52993	14.62982	14.40816	3.40258	3.8	3.1	17.60354	0.00782	17.59194	2.2E+08
19.57459	19.9	19.19999	14.61061	14.74065	14.49128	3.40862	3.8	3.1	17.68675	0.07016	17.67555	2.2E+08
19.57459	19.9	19.19999	14.61061	14.74065	14.49128	3.40862	3.8	3.1	17.76995	0.02026	17.75861	2.2E+08
20.767	21.3	20.19999	14.74482	15.01773	14.51899	2.63518	3.3	1.9	17.85316	0.0273	17.84222	2.2E+08
20.767	21.3	20.19999	14.74482	15.01773	14.51899	2.63518	3.3	1.9	17.93636	0	17.92527	2.2E+08
20.77333	21.3	20.4	14.98693	15.12856	14.76836	3.18398	3.6	2.7	18.01957	0	18.00888	2.2E+08
20.77333	21.3	20.4	14.98693	15.12856	14.76836	3.18398	3.6	2.7	18.10278	0.10541	18.09194	2.2E+08
20.35736	20.8	19.9	15.11061	15.2394	14.99002	3.82919	4.3	3.3	18.18598	0.06095	18.17555	2.2E+08
20.35736	20.8	19.9	15.11061	15.2394	14.99002	3.82919	4.3	3.3	18.26919	0.04065	18.25861	2.2E+08
20.47747	20.8	20.19999	15.10768	15.2671	15.01773	3.6988	4	3.3	18.35239	0.03519	18.34194	2.2E+08
20.66176	20.9	20.3	15.08935	15.21169	14.93461	3.52242	4.1	3.2	18.43559	0.03521	18.42527	2.2E+08
20.71039	20.99999	20.49999	15.11633	15.2394	15.04544	3.46588	3.7	3.2	18.5188	0.00784	18.50861	2.2E+08
21.02751	21.3	20.8	15.1328	15.29481	14.96232	3.19741	3.8	3.1	18.602	0.03524	18.59194	2.2E+08
20.93773	21.3	20.69999	15.2212	15.35023	15.10085	3.49603	3.8	3.1	18.6852	0	18.67527	2.2E+08
20.96357	21.4	20.8	15.3041	15.43335	15.21169	3.62969	3.8	3.2	18.76841	0.02028	18.75888	2.2E+08
20.96357	21.4	20.8	15.3041	15.43335	15.21169	3.62969	3.8	3.2	18.85162	0.05041	18.84194	2.2E+08
21.57984	21.9	21.3	15.34959	15.48877	15.15627	3.23121	3.5	2.8	18.93482	0.09039	18.92555	2.2E+08
21.57984	21.9	21.3	15.34959	15.48877	15.15627	3.23121	3.5	2.8	19.01803	0.02025	19.00861	2.2E+08
21.57956	21.9	21.49999	15.43407	15.51648	15.35023	3.46969	3.6	3.2	19.10124	0.02535	19.09194	2.2E+08
21.65788	21.99999	21.4	15.44179	15.51648	15.37794	3.47908	3.8	3.2	19.18444	0.10622	19.17527	2.2E+08
21.80397	22.3	21.4	15.45137	15.57189	15.37794	3.39366	3.5	2.6	19.26765	0.00287	19.25861	2.2E+08
22.44371	22.59999	21.9	15.44736	15.57189	15.35023	2.86085	3.5	2.6	19.35085	0.06059	19.34194	2.2E+08
22.7144	23.4	21.99999	15.53895	15.73814	15.40564	3.08685	3.7	2.5	19.43406	0	19.42555	2.2E+08
22.7144	23.4	21.99999	15.53895	15.73814	15.40564	3.08685	3.7	2.5	19.51727	0	19.50861	2.2E+08
22.62366	22.9	22.49999	15.58561	15.73814	15.43335	3.30006	3.8	3.3	19.60047	0.09108	19.59194	2.2E+08
22.43918	22.59999	22.19999	15.56669	15.68273	15.46106	3.47659	3.8	3.3	19.68367	0.03543	19.67527	2.2E+08
22.06222	22.3	21.9	15.59725	15.68273	15.46106	3.67374	4	3.4	19.76688	0.05561	19.75888	2.2E+08
22.06222	22.3	21.9	15.59725	15.68273	15.46106	3.67374	4	3.4	19.85008	0	19.84194	2.2E+08
22.02528	22.3	21.59999	15.49424	15.71043	15.37794	3.43972	4	3.1	19.93328	0.05563	19.92555	2.2E+08
22.02528	22.3	21.59999	15.49424	15.71043	15.37794	3.43972	4	3.1	20.01649	0.0326	20.00861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
21.7582	21.99999	21.49999	15.47807	15.5996	15.37794	3.53386	3.8	3.3	20.09969	0.02025	20.09222	2.2E+08
21.64338	21.9	21.49999	15.48142	15.5996	15.35023	3.53622	3.7	3.2	20.18289	0	20.17555	2.2E+08
21.64338	21.9	21.49999	15.48142	15.5996	15.35023	3.53622	3.7	3.2	20.2661	0	20.25861	2.2E+08
21.49624	21.59999	21.3	15.44234	15.51648	15.37794	3.51049	3.7	3.4	20.3493	0.03534	20.34222	2.2E+08
21.49624	21.59999	21.3	15.44234	15.51648	15.37794	3.51049	3.7	3.4	20.4325	0.0707	20.42527	2.2E+08
21.46061	21.69999	21.3	15.44563	15.54418	15.32252	3.34652	3.7	3.1	20.5157	0.07066	20.50888	2.2E+08
21.46061	21.69999	21.3	15.44563	15.54418	15.32252	3.34652	3.7	3.1	20.59891	0.02029	20.59194	2.2E+08
21.21203	21.3	20.9	15.44411	15.54418	15.32252	3.52525	3.8	3.4	20.68212	0.02028	20.67527	2.2E+08
21.11047	21.3	20.9	15.45151	15.54418	15.35023	3.55235	3.8	3.3	20.76535	0.01503	20.75888	2.2E+08
21.11047	21.3	20.9	15.45151	15.54418	15.35023	3.55235	3.8	3.3	20.84855	0	20.84194	2.2E+08
21.02679	21.3	20.8	15.45772	15.57189	15.37794	3.56985	3.8	3.1	20.93176	0.02028	20.92527	2.2E+08
20.99191	21.3	20.8	15.4571	15.54418	15.35023	3.48664	3.8	3.1	21.01496	0.03534	21.00861	2.2E+08
21.17218	21.4	20.9	15.44308	15.51648	15.35023	3.18752	3.4	2.8	21.09817	0	21.09194	2.2E+08
21.10282	21.3	20.9	15.43984	15.51648	15.37794	3.34612	3.6	3.1	21.18137	0.02029	21.17555	2.2E+08
21.10282	21.3	20.9	15.43984	15.51648	15.37794	3.34612	3.6	3.1	21.26457	0	21.25861	2.2E+08
20.89663	20.99999	20.8	15.43235	15.51648	15.35023	3.40794	3.6	3.3	21.34778	0	21.34194	2.2E+08
20.40925	20.49999	20.19999	15.42487	15.51648	15.32252	3.30179	3.8	3.4	21.43098	0.03522	21.42555	2.2E+08
20.40925	20.49999	20.19999	15.42487	15.51648	15.32252	3.53679	3.8	3.4	21.51418	0.03521	21.50861	2.2E+08
19.98316	20.3	19.8	15.32898	15.43335	15.21169	3.4583	3.6	3.2	21.59739	0.02036	21.59222	2.2E+08
19.98316	20.3	19.8	15.32898	15.43335	15.21169	3.4583	3.6	3.2	21.68059	0	21.67527	2.2E+08
19.82038	19.9	19.69999	15.26009	15.40564	15.12856	3.24697	3.5	3	21.7638	0.0056	21.75861	2.2E+08
19.859	19.9	19.59999	15.1045	15.18398	14.96232	2.93646	3.1	2.8	21.847	0.0702	21.84194	2.2E+08
19.63678	19.8	19.49999	15.11071	15.21169	14.99002	3.06324	3.2	2.9	21.9302	0	21.92527	2.2E+08
19.38869	19.59999	19.19999	15.12068	15.2671	14.99002	3.11549	3.4	3	22.01341	0.10528	22.00861	2.2E+08
19.28294	19.49999	19.19999	15.16154	15.2671	15.04544	2.93265	3.1	2.7	22.09661	0.03505	22.09194	2.2E+08
19.08299	19.19999	18.99999	15.17057	15.29481	15.10085	2.77192	3	2.6	22.17981	0.03505	22.17555	2.2E+08
19.08299	19.19999	18.99999	15.17057	15.29481	15.10085	2.77192	3	2.6	22.26302	0	22.25861	2.2E+08
18.77361	18.99999	18.49999	15.23983	15.37794	15.07315	2.90263	3.1	2.7	22.34622	0	22.34194	2.2E+08
18.39882	18.59999	18.09999	15.29784	15.43335	15.18398	2.75059	3	2.6	22.42942	0.00599	22.42555	2.2E+08
18.39882	18.59999	18.09999	15.29784	15.43335	15.18398	2.75059	3	2.6	22.51262	0.03499	22.50861	2.2E+08
18.13158	18.3	17.99999	15.36118	15.46106	15.21169	2.76172	2.9	2.6	22.59583	0.03495	22.59222	2.2E+08
18.13158	18.3	17.99999	15.36118	15.46106	15.21169	2.76172	2.9	2.6	22.67903	0.03494	22.67527	2.2E+08
17.87313	17.9	17.8	15.34598	15.43335	15.2394	2.54243	2.6	2.4	22.76223	0	22.75888	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
17.87313	17.9	17.8	15.34598	15.43335	15.2394	2.54243	2.6	2.4	22.84544	0.02051	22.84194	2.2E+08
17.59202	17.69999	17.49999	15.40871	15.48877	15.32252	2.42457	2.7	2.2	22.92864	0.03489	22.92555	2.2E+08
17.59202	17.69999	17.49999	15.40871	15.48877	15.32252	2.42457	2.7	2.2	23.01184	0.07594	23.00861	2.2E+08
17.45645	17.8	17.4	15.40738	15.51648	15.29481	2.19631	2.3	1.9	23.09505	0.03487	23.09222	2.2E+08
17.45645	17.8	17.4	15.40738	15.51648	15.29481	2.19631	2.3	1.9	23.17825	0.03486	23.17527	2.2E+08
17.33951	17.4	17.3	15.44546	15.54418	15.35023	1.95585	2	1.8	23.26145	0	23.25888	2.2E+08
17.33951	17.4	17.3	15.44546	15.54418	15.35023	1.95585	2	1.8	23.34466	0.07761	23.34194	2.2E+08
17.30335	17.4	17.3	15.44792	15.54418	15.35023	1.75274	1.8	1.7	23.42786	0.10454	23.42555	2.2E+08
17.30335	17.4	17.3	15.44792	15.54418	15.35023	1.75274	1.7	1.4	23.51107	0.03484	23.50888	2.2E+08
17.3	17.3	17.3	15.45213	15.57189	15.35023	1.62229	1.7	1.4	23.59427	0	23.59194	2.2E+08
17.29329	17.3	17.19999	15.43286	15.48877	15.35023	1.42944	1.5	1.4	23.67747	0.03483	23.67527	2.2E+08
17.3225	17.4	17.3	15.39511	15.46106	15.29481	1.29093	1.4	1.2	23.76068	0	23.75888	2.2E+08
17.33022	17.4	17.3	15.38753	15.46106	15.2394	1.24605	1.3	1.1	23.84388	0.04912	23.84222	2.2E+08
17.42139	17.49999	17.3	15.37945	15.46106	15.29481	1.075	1.2	0.9	23.92709	0	23.92555	2.2E+08
17.42139	17.49999	17.3	15.37945	15.46106	15.29481	1.075	1.2	0.9	24.0025	118.9117	24.00027	2.2E+08
17.7601	17.9	17.49999	13.63757	15.48877	0	0.71058	1	0.6	24.0025	0	24.00027	2.2E+08
17.77649	17.9	17.69999	0	0	0	0.68777	0.8	0.5	24.0025	0	24.00027	2.2E+08
17.69564	17.8	17.49999	0	0	0	0.81343	1	0.7	24.0025	0	24.00027	2.2E+08
17.51343	17.69999	17.49999	0	0	0	1.03281	1.1	0.8	24.0025	0	24.00027	2.2E+08
17.51343	17.69999	17.49999	0	0	0	1.03281	1.1	0.8	24.0025	0	24.00027	2.2E+08
17.54032	17.8	17.49999	0	0	0	0.98218	1.1	0.7	24.0025	0	24.00027	2.2E+08
17.54032	17.8	17.49999	0	0	0	0.98218	1.1	0.7	24.0025	0	24.00027	2.2E+08
17.54032	17.69999	17.49999	0	0	0	0.96953	1.1	0.7	24.0025	0	24.00027	2.2E+08

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Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Data Log Data	
Channel No.		1
Source	D 12000	
Sampling Method	Event Bit	
Device	M 972	
SARTI4 PM10		

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 10:04:	0	0	0	749.4	749.4	749.4	25.67214	26.59999	24.99999
10/11/2016 10:09:	0	0	0	761.9673	762.9	759.1	17.8115	26.3	17.3
10/11/2016 10:14:	0	0	0	762.9296	763	762.9	17.66067	17.8	17.49999
10/11/2016 10:19:	6.90457	18.32862	0	763.0319	763.1	763	20.36571	20.59999	17.69999
10/11/2016 10:24:	0	0	0	763.098	763.1	763	20.68721	20.9	20.5
10/11/2016 10:29:	0	0	0	763.1	763.1	763.1	20.87047	20.9	20.8
10/11/2016 10:34:	0	0	0	763.1	763.1	763.1	20.90335	21	20.9
10/11/2016 10:39:	0	0	0	763.1074	763.2	763.1	20.93691	21	20.9
10/11/2016 10:44:	0	0	0	763.192	763.2	763.1	20.99329	21.19999	20.9
10/11/2016 10:49:	0	0	0	763.2	763.2	763.2	21.04029	21.19999	20.9
10/11/2016 10:54:	0	0	0	763.2	763.2	763.2	21.13017	21.19999	21
10/11/2016 10:59:	0	0	0	763.2023	763.3	763.2	21.3329	21.4	21.19999
10/11/2016 11:04:	0	0	0	763.2849	763.3	763.2	21.41138	21.5	21.19999
10/11/2016 11:09:	0	0	0	763.3	763.3	763.3	21.50673	21.59999	21.4
10/11/2016 11:14:	0	0	0	763.3	763.3	763.3	21.50673	21.59999	21.4
10/11/2016 11:19:	0	0	0	763.3	763.3	763.3	21.59665	21.69999	21.5
10/11/2016 11:24:	0	0	0	763.3	763.3	763.3	21.65704	21.69999	21.59999
10/11/2016 11:29:	0	0	0	763.2534	763.3	763.2	21.69328	21.8	21.59999
10/11/2016 11:34:	0	0	0	763.2014	763.3	763.2	21.84424	22	21.69999
10/11/2016 11:39:	0	0	0	763.2919	763.3	763.2	21.99997	22.09999	21.8
10/11/2016 11:44:	0	0	0	763.299	763.3	763.2	22.05369	22.09999	22
10/11/2016 11:49:	0	0	0	763.3	763.3	763.3	22.08993	22.09999	22
10/11/2016 11:54:	0	0	0	763.3043	763.4	763.3	22.1671	22.3	22.09999
10/11/2016 11:59:	0	0	0	763.3161	763.4	763.3	22.28052	22.3	22.09999
10/11/2016 12:04:	0	0	0	763.3	763.3	763.3	22.3201	22.4	22.09999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 12:09:	0	0	0	763.3	763.3	763.3	22.44363	22.59999	22.3
10/11/2016 12:14:	0	0	0	763.3	763.3	763.3	22.55434	22.59999	22.4
10/11/2016 12:19:	0	0	0	763.2312	763.3	763.2	22.5933	22.69999	22.4
10/11/2016 12:24:	0	0	0	763.2	763.2	763.2	22.65036	22.69999	22.59999
10/11/2016 12:29:	0	0	0	763.2	763.2	763.2	22.68723	22.69999	22.59999
10/11/2016 12:34:	0	0	0	763.2	763.2	763.2	22.68723	22.69999	22.59999
10/11/2016 12:39:	0	0	0	763.1514	763.2	763.1	22.71678	22.8	22.69999
10/11/2016 12:44:	0	0	0	763.1	763.1	763.1	22.8107	22.9	22.69999
10/11/2016 12:49:	0	0	0	763.1	763.1	763.1	22.89324	23	22.8
10/11/2016 12:54:	0	0	0	762.8815	763	762.8	23.03006	23.3	22.9
10/11/2016 12:59:	0	0	0	762.8815	763	762.8	23.03006	23.3	22.9
10/11/2016 13:04:	0	0	0	762.7899	762.8	762.7	23.24697	23.3	23
10/11/2016 13:09:	0	0	0	762.7657	762.8	762.7	23.32684	23.4	23.3
10/11/2016 13:14:	0	0	0	762.7789	762.8	762.7	23.45031	23.59999	23.3
10/11/2016 13:19:	0	0	0	762.6705	762.7	762.6	23.80128	23.9	23.59999
10/11/2016 13:24:	0	0	0	762.595	762.6	762.5	23.94025	24	23.8
10/11/2016 13:29:	0	0	0	762.595	762.6	762.5	23.94025	24	23.8
10/11/2016 13:34:	0	0	0	762.5	762.5	762.5	24.23077	24.4	24.09999
10/11/2016 13:39:	0	0	0	762.5	762.5	762.5	24.23077	24.4	24.09999
10/11/2016 13:44:	0	0	0	762.498	762.5	762.4	24.45701	24.59999	24.4
10/11/2016 13:49:	0	0	0	762.4605	762.5	762.4	24.5765	24.69999	24.5
10/11/2016 13:54:	0	0	0	762.2856	762.4	762.1	24.66701	24.8	24.59999
10/11/2016 13:59:	0	0	0	762.1221	762.2	762	24.86838	25	24.59999
10/11/2016 14:04:	0	0	0	762.0707	762.1	762	25.01002	25.09999	24.8
10/11/2016 14:09:	0	0	0	762	762.1	761.9	25.11673	25.19999	25
10/11/2016 14:14:	0	0	0	761.9539	762.2	761.9	25.25636	25.3	25.19999
10/11/2016 14:19:	0	0	0	761.8765	762	761.8	25.30336	25.4	25.3
10/11/2016 14:24:	0	0	0	761.8483	762	761.8	25.30604	25.4	25.3
10/11/2016 14:29:	0	0	0	761.8	761.8	761.8	25.32351	25.4	25.19999
10/11/2016 14:34:	0	0	0	761.8	761.8	761.8	25.33963	25.4	25.3
10/11/2016 14:39:	0	0	0	761.8416	761.9	761.8	25.32284	25.4	25.3
10/11/2016 14:44:	0	0	0	761.8211	761.9	761.7	25.15908	25.3	25
10/11/2016 14:49:	0	0	0	761.7474	761.8	761.7	25.08319	25.09999	25

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 14:54:	0	0	0	761.7675	761.8	761.7	24.96997	25.19999	24.69999
10/11/2016 14:59:	0	0	0	761.7	761.7	761.7	24.76716	25	24.69999
10/11/2016 15:04:	0	0	0	761.7	761.7	761.7	24.74363	25	24.69999
10/11/2016 15:09:	13.15964	16.70469	0	761.7	761.7	761.7	24.81102	25	24.69999
10/11/2016 15:14:	13.15964	16.70469	0	761.7	761.7	761.7	24.81102	25	24.69999
10/11/2016 15:19:	16.67537	16.70175	16.64882	761.7768	761.8	761.7	25.14079	25.3	25
10/11/2016 15:24:	16.67366	16.69552	16.65308	761.793	761.8	761.7	25.56778	25.59999	25.4
10/11/2016 15:29:	16.67366	16.69552	16.65308	761.793	761.8	761.7	25.56778	25.59999	25.4
10/11/2016 15:34:	16.67587	16.69552	16.65454	761.8231	761.9	761.8	25.4928	25.59999	25.3
10/11/2016 15:39:	16.67546	16.69465	16.64949	761.8758	761.9	761.8	25.21613	25.4	25
10/11/2016 15:44:	16.6748	16.6983	16.64804	761.8342	761.9	761.8	24.83675	25	24.69999
10/11/2016 15:49:	16.6748	16.6983	16.64804	761.8342	761.9	761.8	24.83675	25	24.69999
10/11/2016 15:54:	16.67412	16.69263	16.65224	761.8395	761.9	761.8	24.71006	24.8	24.69999
10/11/2016 15:59:	16.67412	16.69263	16.65224	761.8395	761.9	761.8	24.71006	24.8	24.69999
10/11/2016 16:04:	16.67524	16.69956	16.65224	761.8594	761.9	761.8	24.44975	24.59999	24.19999
10/11/2016 16:09:	16.67524	16.69956	16.65224	761.8594	761.9	761.8	24.44975	24.59999	24.19999
10/11/2016 16:14:	16.67465	16.70104	16.64457	761.809	761.9	761.8	24.31968	24.5	24.09999
10/11/2016 16:19:	16.67496	16.71092	16.65296	761.8181	761.9	761.8	24.28734	24.4	24.19999
10/11/2016 16:24:	16.67496	16.71092	16.65296	761.8181	761.9	761.8	24.28734	24.4	24.19999
10/11/2016 16:29:	16.67248	16.69169	16.65346	761.8456	761.9	761.8	24.25038	24.4	24.09999
10/11/2016 16:34:	16.67331	16.68881	16.6489	761.8355	761.9	761.8	23.82281	24	23.59999
10/11/2016 16:39:	16.67331	16.68881	16.6489	761.8355	761.9	761.8	23.82281	24	23.59999
10/11/2016 16:44:	16.67636	16.68881	16.64639	761.8	761.8	761.8	23.32622	23.4	23.19999
10/11/2016 16:49:	16.67648	16.69512	16.65585	761.7653	761.8	761.6	23.09875	23.3	22.9
10/11/2016 16:54:	16.67648	16.69512	16.65585	761.7653	761.8	761.6	23.09875	23.3	22.9
10/11/2016 16:59:	16.67665	16.6932	16.65839	761.6506	761.7	761.6	22.98656	23	22.9
10/11/2016 17:04:	16.67665	16.6932	16.65839	761.6506	761.7	761.6	22.98656	23	22.9
10/11/2016 17:09:	16.67696	16.69732	16.65804	761.607	761.7	761.6	22.97985	23	22.9
10/11/2016 17:14:	16.67545	16.6967	16.65546	761.6221	761.7	761.6	23.20998	23.3	23
10/11/2016 17:19:	16.67545	16.6967	16.65546	761.6221	761.7	761.6	23.20998	23.3	23
10/11/2016 17:24:	16.67565	16.69593	16.65852	761.5524	761.6	761.5	23.2832	23.3	23
10/11/2016 17:29:	16.67359	16.69329	16.65237	761.5	761.5	761.5	23.39395	23.4	23.3
10/11/2016 17:34:	16.67359	16.69329	16.65237	761.5	761.5	761.5	23.39395	23.4	23.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 17:39:	16.67242	16.69329	16.65852	761.5262	761.6	761.5	23.4301	23.59999	23.4
10/11/2016 17:44:	16.67406	16.69593	16.66071	761.503	761.6	761.5	23.44637	23.59999	23.4
10/11/2016 17:49:	16.67481	16.69439	16.65546	761.5425	761.6	761.5	23.43683	23.5	23.4
10/11/2016 17:54:	16.67147	16.69247	16.64253	761.5798	761.6	761.5	22.84932	23	22.59999
10/11/2016 17:59:	16.67147	16.69247	16.64253	761.5798	761.6	761.5	22.84932	23	22.59999
10/11/2016 18:04:	16.6748	16.69949	16.65818	761.5302	761.6	761.5	21.77862	22	21.59999
10/11/2016 18:09:	16.67331	16.70354	16.65299	761.501	761.6	761.5	21.51628	21.59999	21.4
10/11/2016 18:14:	16.67331	16.70354	16.65299	761.501	761.6	761.5	21.51628	21.59999	21.4
10/11/2016 18:19:	16.67341	16.68634	16.6508	761.5536	761.6	761.5	21.24917	21.4	21.09999
10/11/2016 18:24:	16.67502	16.6961	16.65485	761.5695	761.6	761.5	20.97999	21.19999	20.9
10/11/2016 18:29:	16.67388	16.6961	16.66108	761.5	761.5	761.5	20.7625	20.9	20.59999
10/11/2016 18:34:	16.67609	16.68865	16.65548	761.5604	761.6	761.5	20.34971	20.4	20.3
10/11/2016 18:39:	16.67609	16.68865	16.65548	761.5604	761.6	761.5	20.34971	20.4	20.3
10/11/2016 18:44:	16.67807	16.6984	16.66742	761.5	761.5	761.5	20.11624	20.3	19.9
10/11/2016 18:49:	16.67636	16.68865	16.66168	761.5436	761.6	761.5	19.76585	19.9	19.69999
10/11/2016 18:54:	16.67636	16.68865	16.66168	761.5436	761.6	761.5	19.76585	19.9	19.69999
10/11/2016 18:59:	16.67607	16.69447	16.65376	761.5403	761.6	761.5	19.64303	19.69999	19.59999
10/11/2016 19:04:	16.67455	16.68517	16.64219	761.502	761.6	761.5	19.45242	19.59999	19.3
10/11/2016 19:09:	16.6766	16.68916	16.65021	761.4978	761.5	761.4	19.30266	19.4	19.19999
10/11/2016 19:14:	16.67523	16.6989	16.65995	761.4405	761.5	761.4	19.15997	19.3	19
10/11/2016 19:19:	16.67766	16.70466	16.66969	761.5093	761.6	761.5	19.0565	19.09999	19
10/11/2016 19:24:	16.67485	16.68916	16.65421	761.5	761.5	761.5	18.76047	19	18.69999
10/11/2016 19:29:	16.67485	16.68916	16.65421	761.5	761.5	761.5	18.76047	19	18.69999
10/11/2016 19:34:	16.67296	16.6989	16.66219	761.4879	761.5	761.4	18.69664	18.8	18.59999
10/11/2016 19:39:	16.67248	16.69315	16.66219	761.5	761.5	761.5	18.59327	18.69999	18.5
10/11/2016 19:44:	16.67248	16.69315	16.66219	761.5	761.5	761.5	18.59327	18.69999	18.5
10/11/2016 19:49:	16.67448	16.69138	16.66	761.5365	761.6	761.5	18.52286	18.59999	18.4
10/11/2016 19:54:	16.67847	16.69096	16.66	761.6	761.6	761.6	18.43963	18.5	18.4
10/11/2016 19:59:	16.67823	16.68918	16.66972	761.6	761.6	761.6	18.37981	18.5	18.19999
10/11/2016 20:04:	16.676	16.68918	16.66178	761.6778	761.7	761.6	18.26721	18.4	18.19999
10/11/2016 20:09:	16.67754	16.70425	16.6578	761.699	761.7	761.6	18.20336	18.4	18.09999
10/11/2016 20:14:	16.67754	16.70425	16.6578	761.699	761.7	761.6	18.20336	18.4	18.09999
10/11/2016 20:19:	16.67695	16.68918	16.65425	761.6	761.6	761.6	18.14973	18.19999	18

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 20:24:	16.67695	16.68918	16.65425	761.6	761.6	761.6	18.14973	18.19999	18
10/11/2016 20:29:	16.6754	16.68918	16.66397	761.597	761.6	761.5	18.05628	18.19999	18
10/11/2016 20:34:	16.67529	16.68918	16.66397	761.6	761.6	761.6	18	18	18
10/11/2016 20:39:	16.67444	16.69315	16.66397	761.6	761.6	761.6	17.99329	18.09999	17.9
10/11/2016 20:44:	16.67456	16.69711	16.66397	761.6	761.6	761.6	17.93026	18	17.8
10/11/2016 20:49:	16.67557	16.70287	16.66397	761.6	761.6	761.6	17.92286	18	17.8
10/11/2016 20:54:	16.67557	16.70287	16.66397	761.6	761.6	761.6	17.92286	18	17.8
10/11/2016 20:59:	16.67679	16.69711	16.66219	761.6	761.6	761.6	17.87258	18	17.8
10/11/2016 21:04:	16.67501	16.68382	16.66438	761.499	761.5	761.4	17.78654	17.8	17.59999
10/11/2016 21:09:	16.67501	16.68382	16.66438	761.499	761.5	761.4	17.78654	17.8	17.59999
10/11/2016 21:14:	16.67401	16.69354	16.64713	761.5294	761.6	761.4	17.7462	17.8	17.59999
10/11/2016 21:19:	16.67401	16.69354	16.64713	761.5294	761.6	761.4	17.7462	17.8	17.59999
10/11/2016 21:24:	16.67325	16.69135	16.65464	761.6	761.6	761.6	17.62017	17.8	17.59999
10/11/2016 21:29:	16.67391	16.69135	16.66219	761.6223	761.7	761.6	17.59328	17.59999	17.5
10/11/2016 21:34:	16.67391	16.69135	16.66219	761.6223	761.7	761.6	17.59328	17.59999	17.5
10/11/2016 21:39:	16.67591	16.6931	16.66216	761.7	761.7	761.7	17.59327	17.59999	17.5
10/11/2016 21:44:	16.67262	16.6931	16.65026	761.7131	761.8	761.7	17.54369	17.59999	17.5
10/11/2016 21:49:	16.67262	16.6931	16.65026	761.7131	761.8	761.7	17.54369	17.59999	17.5
10/11/2016 21:54:	16.67498	16.68908	16.65245	761.7415	761.8	761.7	17.50335	17.59999	17.4
10/11/2016 21:59:	16.67397	16.68689	16.6534	762.0677	762.1	761.9	17.43698	17.5	17.4
10/11/2016 22:04:	16.67545	16.6847	16.65559	762.0212	762.1	762	17.41682	17.5	17.4
10/11/2016 22:09:	16.67545	16.6847	16.65559	762.0212	762.1	762	17.41682	17.5	17.4
10/11/2016 22:14:	16.67682	16.68863	16.65559	762.0012	762.1	762	17.40067	17.5	17.3
10/11/2016 22:19:	16.67485	16.69221	16.65516	762.0991	762.2	762	17.39325	17.4	17.3
10/11/2016 22:24:	16.67637	16.68863	16.65735	762.0807	762.2	762	17.35984	17.4	17.3
10/11/2016 22:29:	16.67397	16.69082	16.66173	761.9011	762	761.9	17.35717	17.4	17.3
10/11/2016 22:34:	16.67397	16.69082	16.66173	761.9011	762	761.9	17.35717	17.4	17.3
10/11/2016 22:39:	16.67474	16.6944	16.65516	762.0779	762.2	761.9	17.33295	17.4	17.3
10/11/2016 22:44:	16.67373	16.69002	16.66092	762.199	762.2	762.1	17.32353	17.4	17.3
10/11/2016 22:49:	16.67249	16.69761	16.66092	762.1708	762.2	762.1	17.29597	17.4	17.19999
10/11/2016 22:54:	16.67249	16.69761	16.66092	762.1708	762.2	762.1	17.29597	17.4	17.19999
10/11/2016 22:59:	16.67324	16.70155	16.66092	762.2051	762.3	762.2	17.29327	17.3	17.19999
10/11/2016 23:04:	16.67328	16.69184	16.65873	762.2394	762.3	762.2	17.29012	17.4	17.19999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 23:09:	16.67539	16.69533	16.66048	762.4	762.4	762.4	17.26027	17.3	17
10/11/2016 23:14:	16.67539	16.69533	16.66048	762.4	762.4	762.4	17.26027	17.3	17
10/11/2016 23:19:	16.67503	16.69706	16.65472	762.4425	762.5	762.4	17.17104	17.3	17
10/11/2016 23:24:	16.67503	16.69706	16.65472	762.4425	762.5	762.4	17.17104	17.3	17
10/11/2016 23:29:	16.67457	16.69129	16.65646	762.502	762.6	762.5	17.08741	17.3	17
10/11/2016 23:34:	16.67457	16.69129	16.65646	762.502	762.6	762.5	17.08741	17.3	17
10/11/2016 23:39:	16.67562	16.68943	16.66038	762.5	762.5	762.5	17.04039	17.3	17
10/11/2016 23:44:	16.67708	16.68943	16.65633	762.5969	762.6	762.5	16.98655	17	16.9
10/11/2016 23:49:	16.67708	16.68943	16.65633	762.5969	762.6	762.5	16.98655	17	16.9
10/11/2016 23:54:	16.67711	16.69301	16.65633	762.6	762.6	762.6	16.9733	17	16.9
10/11/2016 23:59:	16.67549	16.69301	16.65819	762.6	762.6	762.6	16.94306	17	16.9
10/12/2016 00:04:	16.67497	16.68943	16.66038	762.5172	762.6	762.5	16.9202	17	16.9
10/12/2016 00:09:	16.67316	16.68771	16.65103	762.4151	762.5	762.4	16.90676	17	16.8
10/12/2016 00:14:	16.67447	16.68771	16.66257	762.4	762.4	762.4	16.89329	17	16.8
10/12/2016 00:19:	16.67447	16.68771	16.66257	762.4	762.4	762.4	16.89329	17	16.8
10/12/2016 00:24:	16.6769	16.69925	16.66257	762.3989	762.4	762.3	16.87083	16.9	16.69999
10/12/2016 00:29:	16.6769	16.69925	16.66257	762.3989	762.4	762.3	16.87083	16.9	16.69999
10/12/2016 00:34:	16.67734	16.69925	16.66833	762.4	762.4	762.4	16.88319	16.9	16.8
10/12/2016 00:39:	16.67584	16.68736	16.66614	762.5213	762.6	762.5	16.86635	16.9	16.69999
10/12/2016 00:44:	16.67538	16.68517	16.66186	762.6454	762.7	762.6	16.87982	16.9	16.69999
10/12/2016 00:49:	16.67538	16.68517	16.66186	762.6454	762.7	762.6	16.87982	16.9	16.69999
10/12/2016 00:54:	16.67314	16.70073	16.65216	762.5807	762.6	762.5	16.88318	16.9	16.69999
10/12/2016 00:59:	16.67386	16.69103	16.65435	762.5	762.5	762.5	16.88991	17	16.8
10/12/2016 01:04:	16.67417	16.70073	16.64465	762.5	762.5	762.5	16.91344	17	16.8
10/12/2016 01:09:	16.67425	16.69497	16.64465	762.5	762.5	762.5	16.90311	17	16.8
10/12/2016 01:14:	16.67459	16.69103	16.65435	762.4909	762.5	762.4	16.92688	17	16.9
10/12/2016 01:19:	16.67235	16.69679	16.66191	762.4989	762.5	762.4	16.97983	17	16.9
10/12/2016 01:24:	16.67235	16.69679	16.66191	762.4989	762.5	762.4	16.97983	17	16.9
10/12/2016 01:29:	16.67246	16.69103	16.66191	762.498	762.5	762.4	17.00335	17.19999	16.9
10/12/2016 01:34:	16.67312	16.69103	16.64465	762.5	762.5	762.5	17.02019	17.19999	17
10/12/2016 01:39:	16.67434	16.69322	16.65435	762.4949	762.5	762.4	17.06313	17.3	17
10/12/2016 01:44:	16.67404	16.69103	16.64465	762.499	762.5	762.4	17.03361	17.19999	17
10/12/2016 01:49:	16.67248	16.69103	16.64465	762.4969	762.5	762.4	17.05726	17.3	17

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 01:54:	16.67592	16.68956	16.64896	762.4	762.4	762.4	17.01211	17.19999	16.9
10/12/2016 01:59:	16.67592	16.68956	16.64896	762.4	762.4	762.4	17.01211	17.19999	16.9
10/12/2016 02:04:	16.6749	16.68771	16.66071	762.4	762.4	762.4	16.9973	17.19999	16.9
10/12/2016 02:09:	16.67162	16.68193	16.65103	762.4	762.4	762.4	16.96664	17	16.9
10/12/2016 02:14:	16.67162	16.68193	16.65103	762.4	762.4	762.4	16.96664	17	16.9
10/12/2016 02:19:	16.67541	16.69162	16.66071	762.4737	762.5	762.4	16.92017	17	16.9
10/12/2016 02:24:	16.67541	16.69162	16.66071	762.4737	762.5	762.4	16.92017	17	16.9
10/12/2016 02:29:	16.67398	16.68755	16.66242	762.5	762.5	762.5	16.90337	17	16.9
10/12/2016 02:34:	16.67903	16.69892	16.66601	762.6	762.6	762.6	16.88991	16.9	16.8
10/12/2016 02:39:	16.67886	16.69892	16.66024	762.6	762.6	762.6	16.90336	17	16.8
10/12/2016 02:44:	16.67886	16.69892	16.66024	762.6	762.6	762.6	16.90336	17	16.8
10/12/2016 02:49:	16.67601	16.68943	16.66242	762.5	762.5	762.5	16.937	17	16.9
10/12/2016 02:54:	16.67618	16.68755	16.66242	762.5	762.5	762.5	16.97982	17	16.9
10/12/2016 02:59:	16.67821	16.69892	16.66991	762.6	762.6	762.6	17.01008	17.19999	16.9
10/12/2016 03:04:	16.67821	16.69892	16.66991	762.6	762.6	762.6	17.01008	17.19999	16.9
10/12/2016 03:09:	16.67601	16.69144	16.65852	762.4959	762.5	762.4	17.19434	17.3	17
10/12/2016 03:14:	16.67601	16.69144	16.65852	762.4959	762.5	762.4	17.19434	17.3	17
10/12/2016 03:19:	16.67237	16.69583	16.66461	762.3868	762.4	762.3	17.23672	17.3	17
10/12/2016 03:24:	16.67435	16.69393	16.66103	762.2828	762.3	762.2	17.24822	17.3	17
10/12/2016 03:29:	16.67435	16.69393	16.66103	762.2828	762.3	762.2	17.24822	17.3	17
10/12/2016 03:34:	16.67616	16.69802	16.6615	762.1898	762.2	762.1	17.20943	17.3	17
10/12/2016 03:39:	16.67474	16.70021	16.64996	762.1	762.1	762.1	17.16485	17.3	17
10/12/2016 03:44:	16.67214	16.68883	16.65182	762.0858	762.1	762	17.18452	17.3	17
10/12/2016 03:49:	16.67214	16.68883	16.65182	762.0858	762.1	762	17.18452	17.3	17
10/12/2016 03:54:	16.67377	16.68883	16.65401	761.9726	762.1	761.9	17.25024	17.3	17
10/12/2016 03:59:	16.67238	16.6854	16.65229	761.8928	761.9	761.8	17.31009	17.4	17.3
10/12/2016 04:04:	16.67238	16.6854	16.65229	761.8928	761.9	761.8	17.31009	17.4	17.3
10/12/2016 04:09:	16.67522	16.69509	16.65448	761.8	761.8	761.8	17.34375	17.4	17.3
10/12/2016 04:14:	16.67453	16.70087	16.65632	761.806	761.9	761.8	17.38721	17.4	17.3
10/12/2016 04:19:	16.67488	16.70053	16.65735	762.0294	762.2	761.9	17.51654	17.59999	17.4
10/12/2016 04:24:	16.67488	16.70053	16.65735	762.0294	762.2	761.9	17.51654	17.59999	17.4
10/12/2016 04:29:	16.6772	16.70512	16.64903	762.3071	762.4	762.2	17.59661	17.8	17.5
10/12/2016 04:34:	16.67244	16.69752	16.65121	762.2212	762.3	762.2	17.79635	17.9	17.59999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 04:39:	16.67244	16.69752	16.65121	762.2212	762.3	762.2	17.79635	17.9	17.59999
10/12/2016 04:44:	16.67483	16.70155	16.64903	762.2516	762.3	762.2	17.94781	18	17.8
10/12/2016 04:49:	16.67714	16.69542	16.65835	762.3303	762.4	762.3	18.1004	18.19999	18
10/12/2016 04:54:	16.67726	16.68965	16.66623	762.3626	762.4	762.3	18.17641	18.19999	18
10/12/2016 04:59:	16.67726	16.68965	16.66623	762.3626	762.4	762.3	18.17641	18.19999	18
10/12/2016 05:04:	16.67214	16.68708	16.65616	762.499	762.5	762.4	18.31721	18.4	18.09999
10/12/2016 05:09:	16.67214	16.68708	16.65616	762.499	762.5	762.4	18.31721	18.4	18.09999
10/12/2016 05:14:	16.67227	16.68708	16.66191	762.5	762.5	762.5	18.4	18.4	18.4
10/12/2016 05:19:	16.67361	16.69103	16.65435	762.5	762.5	762.5	18.43368	18.5	18.4
10/12/2016 05:24:	16.67289	16.70073	16.65435	762.496	762.5	762.4	18.49027	18.59999	18.4
10/12/2016 05:29:	16.67305	16.68708	16.66191	762.4798	762.5	762.4	18.537	18.59999	18.4
10/12/2016 05:34:	16.67291	16.68708	16.66191	762.5	762.5	762.5	18.58317	18.59999	18.5
10/12/2016 05:39:	16.67221	16.69103	16.65616	762.5	762.5	762.5	18.59663	18.59999	18.5
10/12/2016 05:44:	16.67253	16.69103	16.65616	762.5	762.5	762.5	18.61315	18.69999	18.59999
10/12/2016 05:49:	16.6724	16.68708	16.66191	762.5	762.5	762.5	18.64711	18.69999	18.59999
10/12/2016 05:54:	16.67178	16.68132	16.66191	762.5	762.5	762.5	18.64713	18.69999	18.59999
10/12/2016 05:59:	16.67267	16.68708	16.66191	762.5	762.5	762.5	18.68386	18.69999	18.59999
10/12/2016 06:04:	16.67236	16.68708	16.66191	762.5	762.5	762.5	18.69663	18.69999	18.59999
10/12/2016 06:09:	16.67585	16.68708	16.66191	762.5344	762.6	762.5	18.70338	18.8	18.59999
10/12/2016 06:14:	16.67585	16.68708	16.66191	762.5344	762.6	762.5	18.70338	18.8	18.59999
10/12/2016 06:19:	16.67556	16.6946	16.65577	762.5787	762.6	762.5	18.7202	18.8	18.69999
10/12/2016 06:24:	16.67215	16.6867	16.65577	762.6	762.6	762.6	18.73026	19	18.69999
10/12/2016 06:29:	16.67215	16.6867	16.65577	762.6	762.6	762.6	18.73026	19	18.69999
10/12/2016 06:34:	16.67398	16.70036	16.66548	762.5906	762.6	762.5	18.83725	19	18.69999
10/12/2016 06:39:	16.67398	16.70036	16.66548	762.5906	762.6	762.5	18.83725	19	18.69999
10/12/2016 06:44:	16.67332	16.68889	16.66152	762.5798	762.6	762.5	18.87345	19	18.69999
10/12/2016 06:49:	16.67337	16.68889	16.65795	762.5676	762.6	762.5	18.9307	19	18.69999
10/12/2016 06:54:	16.6756	16.6867	16.65933	762.6715	762.7	762.6	18.94968	19	18.69999
10/12/2016 06:59:	16.67746	16.68846	16.65933	762.7	762.7	762.7	19.00336	19.09999	19
10/12/2016 07:04:	16.67471	16.69203	16.6611	762.7845	762.8	762.7	18.98659	19	18.8
10/12/2016 07:09:	16.67611	16.69817	16.65577	762.7074	762.8	762.6	19.00969	19.09999	18.8
10/12/2016 07:14:	16.67352	16.6867	16.66152	762.6	762.6	762.6	19.05368	19.09999	19
10/12/2016 07:19:	16.67352	16.6867	16.66152	762.6	762.6	762.6	19.05368	19.09999	19

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 07:24:	16.6742	16.69641	16.65577	762.6	762.6	762.6	19.08322	19.19999	19
10/12/2016 07:29:	16.67338	16.69065	16.66152	762.5919	762.6	762.5	19.10334	19.3	19
10/12/2016 07:34:	16.67335	16.69065	16.66548	762.6	762.6	762.6	19.09664	19.19999	19
10/12/2016 07:39:	16.6767	16.69422	16.65933	762.6836	762.7	762.6	19.09663	19.09999	19
10/12/2016 07:44:	16.6767	16.69422	16.65933	762.6836	762.7	762.6	19.09663	19.09999	19
10/12/2016 07:49:	16.67462	16.68846	16.66329	762.7071	762.8	762.7	19.09999	19.19999	19
10/12/2016 07:54:	16.67492	16.68846	16.6611	762.7668	762.8	762.7	19.08355	19.19999	19
10/12/2016 07:59:	16.67492	16.68846	16.6611	762.7668	762.8	762.7	19.08355	19.19999	19
10/12/2016 08:04:	16.67526	16.68627	16.66248	762.8724	763	762.8	19.08323	19.19999	19
10/12/2016 08:09:	16.67504	16.69297	16.66385	763.2	763.2	763.2	19.09328	19.19999	19
10/12/2016 08:14:	16.67504	16.69297	16.66385	763.2	763.2	763.2	19.09328	19.19999	19
10/12/2016 08:19:	16.67316	16.69078	16.65592	763.2849	763.3	763.2	19.09664	19.19999	19
10/12/2016 08:24:	16.67385	16.68862	16.66166	763.3	763.3	763.3	19.1198	19.3	19.09999
10/12/2016 08:29:	16.67385	16.68862	16.66166	763.3	763.3	763.3	19.1198	19.3	19.09999
10/12/2016 08:34:	16.67819	16.68862	16.66919	763.3	763.3	763.3	19.21643	19.3	19.09999
10/12/2016 08:39:	16.67819	16.68862	16.66919	763.3	763.3	763.3	19.21643	19.3	19.09999
10/12/2016 08:44:	16.67638	16.69437	16.66521	763.3	763.3	763.3	19.28658	19.4	19.19999
10/12/2016 08:49:	16.67355	16.68641	16.65549	763.3	763.3	763.3	19.36712	19.59999	19.3
10/12/2016 08:54:	16.67355	16.68641	16.65549	763.3	763.3	763.3	19.36712	19.59999	19.3
10/12/2016 08:59:	16.67519	16.6886	16.66123	763.2919	763.3	763.2	19.45635	19.59999	19.3
10/12/2016 09:04:	16.67485	16.68598	16.66478	763.402	763.5	763.4	19.65973	19.69999	19.59999
10/12/2016 09:09:	16.67398	16.68598	16.66259	763.4769	763.5	763.4	19.71005	19.8	19.59999
10/12/2016 09:14:	16.67463	16.68953	16.66259	763.5	763.5	763.5	19.77011	19.9	19.69999
10/12/2016 09:19:	16.67463	16.68953	16.66259	763.5	763.5	763.5	19.77011	19.9	19.69999
10/12/2016 09:24:	16.67522	16.68953	16.66259	763.503	763.6	763.5	19.86339	19.9	19.69999
10/12/2016 09:29:	16.67449	16.69707	16.66387	763.6	763.6	763.6	20.00935	20.19999	19.9
10/12/2016 09:34:	16.67449	16.69707	16.66387	763.6	763.6	763.6	20.00935	20.19999	19.9
10/12/2016 09:39:	16.67518	16.69527	16.65242	763.5627	763.6	763.5	20.19362	20.3	20
10/12/2016 09:44:	16.67638	16.69527	16.65059	763.5151	763.6	763.5	20.29999	20.4	20.19999
10/12/2016 09:49:	16.67424	16.68908	16.64841	763.6	763.6	763.6	20.32984	20.4	20.3
10/12/2016 09:54:	16.67529	16.68908	16.65413	763.6	763.6	763.6	20.3634	20.4	20.3
10/12/2016 09:59:	16.67615	16.69653	16.65012	763.618	763.7	763.6	20.39327	20.4	20.3
10/12/2016 10:04:	16.67763	16.6847	16.65549	763.8231	763.9	763.8	20.45037	20.5	20.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 10:09:	16.67763	16.6847	16.65549	763.8231	763.9	763.8	20.45037	20.5	20.4
10/12/2016 10:14:	16.67295	16.70409	16.64576	763.7839	763.8	763.7	20.52614	20.59999	20.4
10/12/2016 10:19:	16.67295	16.70409	16.64576	763.7839	763.8	763.7	20.52614	20.59999	20.4
10/12/2016 10:24:	16.67295	16.69215	16.65148	763.8	763.8	763.8	20.56338	20.59999	20.5
10/12/2016 10:29:	16.67295	16.69215	16.65148	763.8	763.8	763.8	20.56338	20.59999	20.5
10/12/2016 10:34:	16.67246	16.69215	16.65148	763.8	763.8	763.8	20.59999	20.59999	20.59999
10/12/2016 10:39:	16.67454	16.69444	16.66121	763.8	763.8	763.8	20.67717	20.9	20.59999
10/12/2016 10:44:	16.67454	16.69444	16.66121	763.8	763.8	763.8	20.67717	20.9	20.59999
10/12/2016 10:49:	16.675	16.69788	16.65148	763.8	763.8	763.8	20.76382	20.9	20.59999
10/12/2016 10:54:	16.67304	16.69032	16.65132	763.7134	763.8	763.7	20.84364	20.9	20.59999
10/12/2016 10:59:	16.67196	16.68459	16.65132	763.7	763.7	763.7	20.89627	21	20.59999
10/12/2016 11:04:	16.67278	16.68226	16.65299	763.7	763.7	763.7	20.98321	21.09999	20.9
10/12/2016 11:09:	16.67266	16.69201	16.65132	763.7	763.7	763.7	21.09991	21.19999	21
10/12/2016 11:14:	16.67342	16.68965	16.64728	763.7	763.7	763.7	21.34026	21.4	21.19999
10/12/2016 11:19:	16.67342	16.68965	16.64728	763.7	763.7	763.7	21.34026	21.4	21.19999
10/12/2016 11:24:	16.67486	16.6942	16.66274	763.6517	763.7	763.6	21.42646	21.5	21.19999
10/12/2016 11:29:	16.67518	16.69774	16.65921	763.6685	763.7	763.6	21.50337	21.59999	21.4
10/12/2016 11:34:	16.67334	16.68629	16.66107	763.7	763.7	763.7	21.59327	21.69999	21.5
10/12/2016 11:39:	16.675	16.6942	16.6535	763.5859	763.6	763.5	21.70032	21.8	21.59999
10/12/2016 11:44:	16.675	16.6942	16.6535	763.5859	763.6	763.5	21.70032	21.8	21.59999
10/12/2016 11:49:	16.67459	16.68997	16.66065	763.5	763.5	763.5	22.01305	22.09999	21.69999
10/12/2016 11:54:	16.67459	16.68997	16.66065	763.5	763.5	763.5	22.01305	22.09999	21.69999
10/12/2016 11:59:	16.67405	16.6881	16.65306	763.4033	763.5	763.4	22.14032	22.3	22
10/12/2016 12:04:	16.67486	16.69823	16.6535	763.6	763.6	763.6	22.33028	22.4	22.19999
10/12/2016 12:09:	16.67486	16.69823	16.6535	763.6	763.6	763.6	22.33028	22.4	22.19999
10/12/2016 12:14:	16.67648	16.69896	16.66493	763.5407	763.6	763.5	22.12015	22.19999	22.09999
10/12/2016 12:19:	16.67648	16.69896	16.66493	763.5407	763.6	763.5	22.12015	22.19999	22.09999
10/12/2016 12:24:	16.67521	16.70186	16.65536	763.4	763.4	763.4	22.31343	22.4	22.09999
10/12/2016 12:29:	16.6722	16.69298	16.64082	763.3678	763.4	763.3	22.56307	22.69999	22.4
10/12/2016 12:34:	16.6722	16.69298	16.64082	763.3678	763.4	763.3	22.56307	22.69999	22.4
10/12/2016 12:39:	16.6733	16.68974	16.6506	763.3899	763.4	763.3	22.89621	23	22.69999
10/12/2016 12:44:	16.67835	16.69758	16.65279	763.3899	763.4	763.3	22.89621	23	22.69999
10/12/2016 12:49:	16.67835	16.69758	16.65279	763.1404	763.4	763	22.97984	23	22.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 12:54:	16.67487	16.69562	16.65626	763.0715	763.1	763	23.28336	23.5	23
10/12/2016 12:59:	16.67442	16.69445	16.65774	763.007	763.1	763	23.94018	24.09999	23.8
10/12/2016 13:04:	16.67707	16.69911	16.64668	763.1611	763.3	763	24.1805	24.5	24
10/12/2016 13:09:	16.67707	16.69911	16.64668	763.1611	763.3	763	24.1805	24.5	24
10/12/2016 13:14:	16.67453	16.69011	16.64774	763.3284	763.4	763.3	24.56346	24.59999	24.5
10/12/2016 13:19:	16.67453	16.69011	16.64774	763.3284	763.4	763.3	24.56346	24.59999	24.5
10/12/2016 13:24:	16.67751	16.70196	16.65211	763.0019	763.2	762.8	24.00976	24.09999	23.9
10/12/2016 13:29:	16.67385	16.69432	16.64448	762.8473	763	762.8	23.98657	24	23.9
10/12/2016 13:34:	16.67385	16.69432	16.64448	762.8473	763	762.8	23.98657	24	23.9
10/12/2016 13:39:	16.67313	16.70416	16.65957	762.8109	762.9	762.7	24.04366	24.19999	23.9
10/12/2016 13:44:	16.67313	16.70416	16.65957	762.8109	762.9	762.7	24.04366	24.19999	23.9
10/12/2016 13:49:	16.67563	16.69651	16.64844	762.7474	762.8	762.7	23.98619	24.09999	23.9
10/12/2016 13:54:	16.67692	16.69651	16.64885	762.7153	762.8	762.6	23.96644	24.09999	23.9
10/12/2016 13:59:	16.67578	16.69367	16.65104	762.614	762.7	762.4	23.7804	23.9	23.59999
10/12/2016 14:04:	16.67578	16.69367	16.65104	762.614	762.7	762.4	23.7804	23.9	23.59999
10/12/2016 14:09:	16.67247	16.69324	16.64015	762.4136	762.6	762.2	23.82979	23.9	23.59999
10/12/2016 14:14:	16.67247	16.69324	16.64015	762.4136	762.6	762.2	23.82979	23.9	23.59999
10/12/2016 14:19:	16.67252	16.69446	16.64758	762.1208	762.4	762.1	23.77335	23.9	23.59999
10/12/2016 14:24:	16.67252	16.69446	16.64758	762.1208	762.4	762.1	23.77335	23.9	23.59999
10/12/2016 14:29:	16.67613	16.69982	16.65773	762.102	762.4	762	23.89592	24	23.59999
10/12/2016 14:34:	16.67387	16.70573	16.64362	761.9648	762.1	761.9	24.05074	24.5	23.59999
10/12/2016 14:39:	16.67387	16.70573	16.64362	761.9648	762.1	761.9	24.05074	24.5	23.59999
10/12/2016 14:44:	16.67527	16.70573	16.63795	761.9272	762.1	761.9	24.07131	24.5	23.9
10/12/2016 14:49:	16.67552	16.72154	16.63106	761.9	761.9	761.9	24.13594	24.4	23.59999
10/12/2016 14:54:	16.67552	16.72154	16.63106	761.9	761.9	761.9	24.13594	24.4	23.59999
10/12/2016 14:59:	16.67588	16.7331	16.63644	761.9114	762	761.9	24.12215	24.69999	23.59999
10/12/2016 15:04:	16.67588	16.7331	16.63644	761.9114	762	761.9	24.12215	24.69999	23.59999
10/12/2016 15:09:	16.6754	16.71668	16.63753	761.9	761.9	761.9	24.03483	24.5	23.59999
10/12/2016 15:14:	2.58808	16.70421	0	761.9	761.9	761.9	23.75221	24	23.5
10/12/2016 15:19:	0	0	0	761.8	761.8	761.8	23.58319	23.8	23.5
10/12/2016 15:24:	0	0	0	761.8	761.8	761.8	23.53997	23.59999	23.4
10/12/2016 15:29:	0	0	0	761.8	761.8	761.8	23.53997	23.59999	23.4
10/12/2016 15:34:	0	0	0	761.8	761.8	761.8	23.5168	23.59999	23.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 15:39:	0	0	0	761.8	761.8	761.8	23.51331	23.59999	23.4
10/12/2016 15:44:	0	0	0	761.8	761.8	761.8	23.51331	23.59999	23.4
10/12/2016 15:49:	0	0	0	761.8	761.8	761.8	23.58899	23.8	23.5
10/12/2016 15:54:	0	0	0	761.8	761.8	761.8	23.68259	23.9	23.59999
10/12/2016 15:59:	0	0	0	761.8	761.8	761.8	23.7546	23.9	23.59999
10/12/2016 16:04:	0	0	0	761.7185	761.8	761.7	23.62683	23.8	23.59999
10/12/2016 16:09:	0	0	0	761.714	761.8	761.7	23.61345	23.8	23.59999
10/12/2016 16:14:	0	0	0	761.7205	761.8	761.7	23.48336	23.59999	23.4
10/12/2016 16:19:	0	0	0	761.7	761.7	761.7	23.41633	23.5	23.4
10/12/2016 16:24:	0	0	0	761.694	761.7	761.6	23.39711	23.5	23.3
10/12/2016 16:29:	0	0	0	761.6849	761.7	761.6	23.36012	23.4	23.3
10/12/2016 16:34:	0	0	0	761.6427	761.7	761.6	23.16002	23.4	23
10/12/2016 16:39:	0	0	0	761.5516	761.6	761.5	23.01006	23.3	23
10/12/2016 16:44:	0	0	0	761.5959	761.6	761.5	22.99665	23.19999	22.9
10/12/2016 16:49:	0	0	0	761.5784	761.7	761.5	22.96982	23	22.9
10/12/2016 16:54:	13.16974	16.74451	0	761.5098	761.6	761.5	22.91359	23	22.9
10/12/2016 16:59:	16.67805	16.69853	16.65765	761.4962	761.5	761.4	23.04939	23.3	23
10/12/2016 17:04:	16.67805	16.69853	16.65765	761.4962	761.5	761.4	23.04939	23.3	23
10/12/2016 17:09:	16.67762	16.70643	16.6561	761.4517	761.5	761.4	23.23087	23.3	23
10/12/2016 17:14:	16.67762	16.70643	16.6561	761.4517	761.5	761.4	23.23087	23.3	23
10/12/2016 17:19:	16.67431	16.69329	16.65503	761.5	761.5	761.5	23.29664	23.4	23
10/12/2016 17:24:	16.67431	16.69329	16.65503	761.5	761.5	761.5	23.29664	23.4	23
10/12/2016 17:29:	16.67367	16.68608	16.66222	761.503	761.6	761.5	23.33649	23.4	23.19999
10/12/2016 17:34:	16.67541	16.69479	16.65655	761.5	761.5	761.5	23.38655	23.4	23.3
10/12/2016 17:39:	16.674	16.69439	16.65765	761.5141	761.6	761.5	23.38992	23.4	23.3
10/12/2016 17:44:	16.67282	16.68805	16.65546	761.5736	761.7	761.5	23.35039	23.4	23.3
10/12/2016 17:49:	16.67601	16.69478	16.65284	761.6276	761.7	761.6	23.0965	23.3	23
10/12/2016 17:54:	16.67338	16.6932	16.65839	761.6654	761.7	761.5	22.83082	23	22.59999
10/12/2016 17:59:	16.67338	16.6932	16.65839	761.6654	761.7	761.5	22.83082	23	22.59999
10/12/2016 18:04:	16.67459	16.69491	16.66308	761.61	761.7	761.6	22.12343	22.3	22
10/12/2016 18:09:	16.67459	16.69491	16.66308	761.61	761.7	761.6	22.12343	22.3	22
10/12/2016 18:14:	16.67578	16.69491	16.65983	761.5455	761.6	761.5	21.58333	21.69999	21.4
10/12/2016 18:19:	16.67652	16.69324	16.6639	761.6	761.6	761.6	21.35113	21.5	21.09999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 18:24:	16.67652	16.69324	16.6639	761.6	761.6	761.6	21.35113	21.5	21.09999
10/12/2016 18:29:	16.6758	16.68752	16.66224	761.6	761.6	761.6	21.07666	21.19999	21
10/12/2016 18:34:	16.67287	16.68414	16.6567	761.6684	761.7	761.6	20.6133	20.8	20.4
10/12/2016 18:39:	16.67287	16.68414	16.6567	761.6684	761.7	761.6	20.6133	20.8	20.4
10/12/2016 18:44:	16.67529	16.68817	16.65889	761.6286	761.7	761.6	20.37667	20.5	20.3
10/12/2016 18:49:	16.67481	16.69219	16.66292	761.6	761.6	761.6	19.98737	20.19999	19.9
10/12/2016 18:54:	16.67481	16.69219	16.66292	761.6	761.6	761.6	19.98737	20.19999	19.9
10/12/2016 18:59:	16.67543	16.68645	16.66523	761.6	761.6	761.6	19.82364	19.9	19.69999
10/12/2016 19:04:	16.67524	16.68872	16.65548	761.5971	761.6	761.5	19.6703	19.69999	19.59999
10/12/2016 19:09:	16.67415	16.69666	16.65594	761.5242	761.6	761.5	19.49682	19.59999	19.3
10/12/2016 19:14:	16.67515	16.68916	16.66569	761.5192	761.6	761.5	19.30335	19.4	19.19999
10/12/2016 19:19:	16.67681	16.68916	16.65995	761.504	761.6	761.5	19.18009	19.3	19
10/12/2016 19:24:	16.67799	16.6989	16.66219	761.5129	761.6	761.5	19.02991	19.09999	18.8
10/12/2016 19:29:	16.67554	16.69138	16.65027	761.582	761.6	761.5	18.70336	18.8	18.69999
10/12/2016 19:34:	16.67554	16.69138	16.65027	761.582	761.6	761.5	18.70336	18.8	18.69999
10/12/2016 19:39:	16.6728	16.69138	16.66	761.502	761.6	761.5	18.63947	18.69999	18.59999
10/12/2016 19:44:	16.67563	16.68918	16.65425	761.598	761.6	761.5	18.51064	18.59999	18.4
10/12/2016 19:49:	16.67563	16.68918	16.65425	761.598	761.6	761.5	18.51064	18.59999	18.4
10/12/2016 19:54:	16.67589	16.69315	16.66397	761.6	761.6	761.6	18.34621	18.4	18.19999
10/12/2016 19:59:	16.67589	16.69315	16.66397	761.6	761.6	761.6	18.34621	18.4	18.19999
10/12/2016 20:04:	16.67839	16.69891	16.66397	761.6	761.6	761.6	18.18992	18.19999	18.09999
10/12/2016 20:09:	16.67839	16.69891	16.66397	761.6	761.6	761.6	18.18992	18.19999	18.09999
10/12/2016 20:14:	16.67463	16.68698	16.66178	761.723	761.8	761.7	18.09011	18.19999	18
10/12/2016 20:19:	16.67463	16.68698	16.66178	761.723	761.8	761.7	18.09011	18.19999	18
10/12/2016 20:24:	16.67379	16.69642	16.64647	762.426	762.5	762.3	18.00336	18.09999	18
10/12/2016 20:29:	16.67599	16.69287	16.65002	762.4548	762.5	762.4	17.98991	18.09999	17.8
10/12/2016 20:34:	16.67599	16.69287	16.65002	762.4548	762.5	762.4	17.98991	18.09999	17.8
10/12/2016 20:39:	16.67365	16.69108	16.65618	762.4	762.4	762.4	17.9473	18	17.8
10/12/2016 20:44:	16.67365	16.69108	16.65618	762.4	762.4	762.4	17.9473	18	17.8
10/12/2016 20:49:	16.67235	16.69108	16.65618	762.4	762.4	762.4	17.87256	18	17.8
10/12/2016 20:54:	16.67516	16.69108	16.65618	762.3931	762.4	762.3	17.84705	18	17.8
10/12/2016 20:59:	16.67475	16.68971	16.65481	762.1912	762.3	762.1	17.82319	17.9	17.8
10/12/2016 21:04:	16.67362	16.68971	16.65877	762.2472	762.3	762.1	17.78656	17.8	17.59999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 21:09:	16.67405	16.68571	16.65658	762.303	762.4	762.2	17.71926	17.8	17.59999
10/12/2016 21:14:	16.67317	16.6879	16.65658	762.1498	762.3	762	17.64707	17.8	17.59999
10/12/2016 21:19:	16.67564	16.69229	16.6534	762.1369	762.2	762	17.63965	17.8	17.59999
10/12/2016 21:24:	16.67564	16.69229	16.6534	762.1369	762.2	762	17.63965	17.8	17.59999
10/12/2016 21:29:	16.67469	16.69448	16.66096	761.9388	762.1	761.8	17.58654	17.59999	17.5
10/12/2016 21:34:	16.67469	16.69448	16.66096	761.9388	762.1	761.8	17.58654	17.59999	17.5
10/12/2016 21:39:	16.67701	16.68928	16.6641	762.3986	762.4	762.3	17.56637	17.59999	17.5
10/12/2016 21:44:	16.67472	16.69147	16.66233	762.3276	762.4	762.3	17.57366	17.59999	17.5
10/12/2016 21:49:	16.67472	16.69147	16.66233	762.3276	762.4	762.3	17.57366	17.59999	17.5
10/12/2016 21:54:	16.67623	16.69366	16.65877	762.2109	762.3	762.1	17.51379	17.59999	17.4
10/12/2016 21:59:	16.67543	16.6946	16.66548	762.4678	762.6	762.3	17.49967	17.59999	17.4
10/12/2016 22:04:	16.67543	16.6946	16.66548	762.4678	762.6	762.3	17.49967	17.59999	17.4
10/12/2016 22:09:	16.6728	16.69322	16.66191	762.4563	762.5	762.4	17.46056	17.5	17.4
10/12/2016 22:14:	16.6728	16.69322	16.66191	762.4563	762.5	762.4	17.4471	17.5	17.4
10/12/2016 22:19:	16.67495	16.69322	16.65654	762.4	762.4	762.4	17.4101	17.5	17.4
10/12/2016 22:24:	16.67594	16.68746	16.65654	762.4	762.4	762.4	17.39998	17.5	17.3
10/12/2016 22:29:	16.67594	16.68746	16.65654	762.4	762.4	762.4	17.39998	17.5	17.3
10/12/2016 22:34:	16.6752	16.70293	16.64684	762.431	762.5	762.4	17.39326	17.4	17.3
10/12/2016 22:39:	16.67562	16.68956	16.65829	762.4387	762.5	762.4	17.38374	17.4	17.3
10/12/2016 22:44:	16.6747	16.68956	16.65829	762.402	762.5	762.4	17.35718	17.4	17.3
10/12/2016 22:49:	16.6743	16.68956	16.66048	762.4	762.4	762.4	17.35011	17.4	17.3
10/12/2016 22:54:	16.67377	16.69394	16.66266	762.2415	762.3	762.2	17.3101	17.4	17.19999
10/12/2016 22:59:	16.67377	16.69394	16.66266	762.2415	762.3	762.2	17.3101	17.4	17.19999
10/12/2016 23:04:	16.67284	16.69925	16.66048	762.4	762.4	762.4	17.29663	17.3	17.19999
10/12/2016 23:09:	16.67323	16.68563	16.66048	762.4	762.4	762.4	17.28037	17.3	17.19999
10/12/2016 23:14:	16.67323	16.68563	16.66048	762.4	762.4	762.4	17.28037	17.3	17.19999
10/12/2016 23:19:	16.67459	16.69925	16.66441	762.4028	762.5	762.4	17.2428	17.3	17
10/12/2016 23:24:	16.67667	16.68956	16.66222	762.4343	762.5	762.4	17.10091	17.3	17
10/12/2016 23:29:	16.67667	16.68956	16.66222	762.4343	762.5	762.4	17.10091	17.3	17
10/12/2016 23:34:	16.67663	16.69348	16.66441	762.4	762.4	762.4	17.06726	17.3	17
10/12/2016 23:39:	16.67353	16.69175	16.65114	762.2871	762.4	762.2	17.02355	17.19999	16.9
10/12/2016 23:44:	16.67634	16.68782	16.66266	762.3	762.3	762.3	16.97985	17	16.9
10/12/2016 23:49:	16.67634	16.68782	16.66266	762.3	762.3	762.3	16.97985	17	16.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 23:54:	16.67642	16.68956	16.66048	762.3754	762.4	762.3	16.97365	17	16.9
10/12/2016 23:59:	16.67408	16.68956	16.65864	762.3835	762.4	762.3	16.93939	17	16.9
10/13/2016 00:04:	16.67607	16.69162	16.66038	762.4474	762.5	762.4	16.92693	17	16.9
10/13/2016 00:09:	16.67549	16.69739	16.66257	762.4	762.4	762.4	16.9202	17	16.9
10/13/2016 00:14:	16.67549	16.69739	16.66257	762.4	762.4	762.4	16.9202	17	16.9
10/13/2016 00:19:	16.67348	16.69381	16.65322	762.3323	762.4	762.3	16.90674	17	16.8
10/13/2016 00:24:	16.67348	16.69381	16.65322	762.3323	762.4	762.3	16.90674	17	16.8
10/13/2016 00:29:	16.67122	16.69162	16.66071	762.4	762.4	762.4	16.87365	16.9	16.8
10/13/2016 00:34:	16.67091	16.69162	16.65103	762.4	762.4	762.4	16.83673	16.9	16.69999
10/13/2016 00:39:	16.67091	16.69162	16.65103	762.4	762.4	762.4	16.83673	16.9	16.69999
10/13/2016 00:44:	16.67154	16.69162	16.66071	762.4	762.4	762.4	16.81988	16.9	16.69999
10/13/2016 00:49:	16.67581	16.69911	16.65852	762.4704	762.5	762.4	16.73363	16.9	16.69999
10/13/2016 00:54:	16.67581	16.69911	16.65852	762.4704	762.5	762.4	16.73363	16.9	16.69999
10/13/2016 00:59:	16.67439	16.69162	16.65852	762.4492	762.5	762.4	16.71683	16.9	16.69999
10/13/2016 01:04:	16.67553	16.68771	16.66038	762.4168	762.5	762.4	16.70336	16.9	16.59999
10/13/2016 01:09:	16.67553	16.68771	16.66038	762.4168	762.5	762.4	16.70336	16.9	16.59999
10/13/2016 01:14:	16.672	16.68412	16.66083	762.3508	762.4	762.3	16.66022	16.69999	16.59999
10/13/2016 01:19:	16.67168	16.6899	16.65864	762.3007	762.4	762.3	16.67067	16.69999	16.59999
10/13/2016 01:24:	16.67168	16.6899	16.65864	762.3007	762.4	762.3	16.67067	16.69999	16.59999
10/13/2016 01:29:	16.67639	16.69348	16.66257	762.4	762.4	762.4	16.67306	16.69999	16.59999
10/13/2016 01:34:	16.67721	16.68956	16.65864	762.4	762.4	762.4	16.66668	16.69999	16.59999
10/13/2016 01:39:	16.67721	16.68956	16.65864	762.4	762.4	762.4	16.66668	16.69999	16.59999
10/13/2016 01:44:	16.67637	16.68956	16.65864	762.4	762.4	762.4	16.64711	16.69999	16.59999
10/13/2016 01:49:	16.67568	16.69925	16.65864	762.4	762.4	762.4	16.67679	16.69999	16.59999
10/13/2016 01:54:	16.67568	16.69925	16.65864	762.4	762.4	762.4	16.67679	16.69999	16.59999
10/13/2016 01:59:	16.67414	16.69925	16.66441	762.4	762.4	762.4	16.68319	16.69999	16.59999
10/13/2016 02:04:	16.67712	16.68956	16.65864	762.4239	762.5	762.4	16.68991	16.8	16.59999
10/13/2016 02:09:	16.67514	16.68736	16.65646	762.5	762.5	762.5	16.71347	16.9	16.69999
10/13/2016 02:14:	16.67597	16.68771	16.66257	762.4	762.4	762.4	16.72017	16.9	16.69999
10/13/2016 02:19:	16.67597	16.68771	16.66257	762.4	762.4	762.4	16.72017	16.9	16.69999
10/13/2016 02:24:	16.67289	16.69162	16.65103	762.4118	762.5	762.4	16.72994	16.9	16.69999
10/13/2016 02:29:	16.67502	16.68943	16.65852	762.5	762.5	762.5	16.70335	16.9	16.59999
10/13/2016 02:34:	16.67502	16.68943	16.65852	762.5	762.5	762.5	16.70335	16.9	16.59999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 02:39:	16.67408	16.68943	16.65275	762.4869	762.5	762.4	16.69051	16.8	16.59999
10/13/2016 02:44:	16.67353	16.68954	16.66055	762.4578	762.5	762.4	16.62656	16.69999	16.4
10/13/2016 02:49:	16.67234	16.68595	16.66273	762.4	762.4	762.4	16.61646	16.69999	16.4
10/13/2016 02:54:	16.67234	16.68595	16.66273	762.4	762.4	762.4	16.61646	16.69999	16.4
10/13/2016 02:59:	16.67292	16.69174	16.66273	762.4	762.4	762.4	16.47747	16.69999	16.4
10/13/2016 03:04:	16.67292	16.69174	16.66273	762.4	762.4	762.4	16.47747	16.69999	16.4
10/13/2016 03:09:	16.67283	16.68207	16.6724	762.398	762.4	762.3	16.41348	16.59999	16.4
10/13/2016 03:14:	16.67386	16.68615	16.65525	762.3	762.3	762.3	16.40335	16.59999	16.3
10/13/2016 03:19:	16.6741	16.68615	16.65525	762.3088	762.4	762.3	16.39663	16.59999	16.3
10/13/2016 03:24:	16.6741	16.68615	16.65525	762.3088	762.4	762.3	16.39663	16.59999	16.3
10/13/2016 03:29:	16.6745	16.69583	16.65307	762.3273	762.4	762.3	16.40672	16.59999	16.4
10/13/2016 03:34:	16.67327	16.69193	16.6629	762.2882	762.3	762.2	16.56364	16.69999	16.4
10/13/2016 03:39:	16.67327	16.69193	16.6629	762.2882	762.3	762.2	16.56364	16.69999	16.4
10/13/2016 03:44:	16.67438	16.68851	16.65507	762.2499	762.3	762.1	16.77277	16.9	16.69999
10/13/2016 03:49:	16.67438	16.68851	16.65507	762.2499	762.3	762.1	16.77277	16.9	16.69999
10/13/2016 03:54:	16.67668	16.6899	16.65864	762.3777	762.4	762.3	17.01484	17.3	16.9
10/13/2016 03:59:	16.67668	16.6899	16.65864	762.3777	762.4	762.3	17.01484	17.3	16.9
10/13/2016 04:04:	16.67679	16.6899	16.66083	762.3842	762.4	762.3	17.26228	17.4	17
10/13/2016 04:09:	16.67145	16.68598	16.65114	762.3	762.3	762.3	17.33693	17.4	17.3
10/13/2016 04:14:	16.67429	16.68817	16.65333	762.1996	762.3	762.1	17.39697	17.5	17.3
10/13/2016 04:19:	16.67393	16.68644	16.66128	762.1	762.1	762.1	17.5431	17.59999	17.4
10/13/2016 04:24:	16.6776	16.68863	16.66347	762.0117	762.1	762	17.59328	17.59999	17.5
10/13/2016 04:29:	16.67336	16.68332	16.66173	761.8157	761.9	761.8	17.81343	17.9	17.59999
10/13/2016 04:34:	16.67475	16.69302	16.65816	761.8	761.8	761.8	17.96648	18	17.8
10/13/2016 04:39:	16.67475	16.69302	16.65816	761.8	761.8	761.8	17.96648	18	17.8
10/13/2016 04:44:	16.67424	16.69128	16.6564	761.7859	761.8	761.7	18.06646	18.19999	18
10/13/2016 04:49:	16.67401	16.68908	16.65816	761.8	761.8	761.8	18.13287	18.19999	18
10/13/2016 04:54:	16.67401	16.68908	16.65816	761.8	761.8	761.8	18.13287	18.19999	18
10/13/2016 04:59:	16.67435	16.68908	16.65816	761.8	761.8	761.8	18.16373	18.19999	18
10/13/2016 05:04:	16.67421	16.69302	16.66392	761.8	761.8	761.8	18.19664	18.4	18.09999
10/13/2016 05:09:	16.67555	16.68863	16.66173	761.949	762	761.9	18.19665	18.19999	18.09999
10/13/2016 05:14:	16.67555	16.68863	16.66173	761.949	762	761.9	18.19665	18.19999	18.09999
10/13/2016 05:19:	16.67296	16.6944	16.6631	762.1376	762.2	762	18.20673	18.4	18.19999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 05:24:	16.67335	16.69184	16.6534	762.1661	762.2	762.1	18.24025	18.4	18.19999
10/13/2016 05:29:	16.67306	16.68965	16.65873	762.2221	762.3	762.2	18.27379	18.4	18.19999
10/13/2016 05:34:	16.67306	16.68965	16.65873	762.2221	762.3	762.2	18.27379	18.4	18.19999
10/13/2016 05:39:	16.67208	16.69221	16.65873	762.1812	762.3	762.1	18.30604	18.4	18.19999
10/13/2016 05:44:	16.67429	16.69761	16.65873	762.207	762.3	762.2	18.32613	18.4	18.19999
10/13/2016 05:49:	16.67429	16.69761	16.65873	762.207	762.3	762.2	18.32613	18.4	18.19999
10/13/2016 05:54:	16.67306	16.69184	16.66092	762.1591	762.2	762.1	18.3611	18.4	18.19999
10/13/2016 05:59:	16.6749	16.6998	16.6534	762.1416	762.3	762.1	18.36642	18.4	18.19999
10/13/2016 06:04:	16.67476	16.69322	16.66805	762.3949	762.4	762.3	18.39997	18.5	18.19999
10/13/2016 06:09:	16.67476	16.69322	16.66805	762.3949	762.4	762.3	18.39997	18.5	18.19999
10/13/2016 06:14:	16.67453	16.70512	16.65873	762.347	762.4	762.3	18.4	18.4	18.4
10/13/2016 06:19:	16.67555	16.70512	16.65873	762.2879	762.3	762.2	18.39329	18.4	18.19999
10/13/2016 06:24:	16.67555	16.70512	16.65873	762.2879	762.3	762.2	18.39329	18.4	18.19999
10/13/2016 06:29:	16.67618	16.68965	16.66092	762.251	762.3	762.2	18.37647	18.5	18.19999
10/13/2016 06:34:	16.67544	16.6879	16.65654	762.3231	762.4	762.2	18.38993	18.5	18.19999
10/13/2016 06:39:	16.67609	16.69322	16.64684	762.4	762.4	762.4	18.34628	18.4	18.19999
10/13/2016 06:44:	16.67609	16.69322	16.64684	762.4	762.4	762.4	18.34628	18.4	18.19999
10/13/2016 06:49:	16.67498	16.68746	16.65654	762.399	762.4	762.3	18.29253	18.4	18.19999
10/13/2016 06:54:	16.67322	16.68563	16.66441	762.4	762.4	762.4	18.22212	18.4	18.09999
10/13/2016 06:59:	16.67322	16.68563	16.66441	762.4	762.4	762.4	18.22212	18.4	18.09999
10/13/2016 07:04:	16.67223	16.67986	16.66441	762.4	762.4	762.4	18.18326	18.4	18
10/13/2016 07:09:	16.67738	16.69925	16.66833	762.4	762.4	762.4	18.15636	18.19999	18
10/13/2016 07:14:	16.67738	16.69925	16.66833	762.4	762.4	762.4	18.15636	18.19999	18
10/13/2016 07:19:	16.67653	16.69348	16.66441	762.4097	762.5	762.4	18.09731	18.19999	18
10/13/2016 07:24:	16.67701	16.68956	16.65829	762.4651	762.5	762.4	18.00001	18.09999	17.9
10/13/2016 07:29:	16.67666	16.69314	16.66222	762.5	762.5	762.5	17.98392	18	17.9
10/13/2016 07:34:	16.67682	16.68736	16.65829	762.5	762.5	762.5	17.94695	18	17.8
10/13/2016 07:39:	16.67526	16.69314	16.66405	762.5	762.5	762.5	17.93288	18	17.8
10/13/2016 07:44:	16.67526	16.69314	16.66405	762.5	762.5	762.5	17.93288	18	17.8
10/13/2016 07:49:	16.67274	16.68132	16.65616	762.5	762.5	762.5	17.9993	18.09999	17.9
10/13/2016 07:54:	16.67274	16.68132	16.65616	762.5	762.5	762.5	17.9993	18.09999	17.9
10/13/2016 07:59:	16.67665	16.69067	16.66766	762.5	762.5	762.5	18.10937	18.19999	18
10/13/2016 08:04:	16.67633	16.69642	16.64783	762.561	762.6	762.5	18.25899	18.4	18.19999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 08:09:	16.67476	16.69331	16.65432	762.7	762.7	762.7	18.65971	18.8	18.59999
10/13/2016 08:14:	16.67476	16.69331	16.65432	762.7	762.7	762.7	18.65971	18.8	18.59999
10/13/2016 08:19:	16.67389	16.69959	16.65883	762.8	762.8	762.8	19.43876	19.69999	19.19999
10/13/2016 08:24:	16.67389	16.69959	16.65883	762.8	762.8	762.8	19.43876	19.69999	19.19999
10/13/2016 08:29:	16.67272	16.692	16.66102	762.7	762.7	762.7	20.15562	20.4	19.9
10/13/2016 08:34:	16.6779	16.69936	16.65858	762.7	762.7	762.7	20.47244	20.59999	20.3
10/13/2016 08:39:	16.6779	16.69936	16.65858	762.7	762.7	762.7	20.47244	20.59999	20.3
10/13/2016 08:44:	16.67671	16.68957	16.66266	762.7	762.7	762.7	20.83219	21	20.59999
10/13/2016 08:49:	16.67477	16.68833	16.65685	763.0399	763.2	762.9	21.37246	21.5	21.19999
10/13/2016 08:54:	16.67477	16.68833	16.65685	763.0399	763.2	762.9	21.37246	21.5	21.19999
10/13/2016 08:59:	16.67369	16.6932	16.66224	763.1984	763.2	763.1	21.55224	21.69999	21.5
10/13/2016 09:04:	16.67362	16.68344	16.65248	763.2	763.2	763.2	21.65635	21.69999	21.59999
10/13/2016 09:09:	16.67342	16.68772	16.65265	763.3604	763.4	763.2	21.64366	21.69999	21.5
10/13/2016 09:14:	16.67342	16.68772	16.65265	763.3604	763.4	763.2	21.64366	21.69999	21.5
10/13/2016 09:19:	16.67216	16.69036	16.65942	763.201	763.3	763.2	21.00335	21.09999	20.9
10/13/2016 09:24:	16.67216	16.69036	16.65942	763.201	763.3	763.2	21.00335	21.09999	20.9
10/13/2016 09:29:	16.67423	16.68636	16.66116	763.2	763.2	763.2	20.94701	21	20.9
10/13/2016 09:34:	16.67328	16.69164	16.66069	763.2863	763.3	763.2	20.88654	21	20.8
10/13/2016 09:39:	16.67328	16.69164	16.66069	763.2863	763.3	763.2	20.88654	21	20.8
10/13/2016 09:44:	16.67718	16.69101	16.66172	763.3	763.3	763.3	20.87987	20.9	20.59999
10/13/2016 09:49:	16.67718	16.69101	16.66172	763.3	763.3	763.3	20.87987	20.9	20.59999
10/13/2016 09:54:	16.67442	16.696	16.65524	763.3	763.3	763.3	21.05556	21.19999	21
10/13/2016 09:59:	16.67442	16.696	16.65524	763.3	763.3	763.3	21.05556	21.19999	21
10/13/2016 10:04:	16.67528	16.69385	16.65301	763.2208	763.3	763.2	21.57574	21.69999	21.4
10/13/2016 10:09:	16.67528	16.69385	16.65301	763.2208	763.3	763.2	21.57574	21.69999	21.4
10/13/2016 10:14:	16.67501	16.68816	16.65454	763.2	763.2	763.2	21.97436	22.3	21.69999
10/13/2016 10:19:	16.67579	16.69343	16.65454	763.1702	763.2	763.1	22.4212	22.69999	22.09999
10/13/2016 10:24:	16.67484	16.68607	16.65648	762.9772	763	762.9	23.35161	23.59999	23
10/13/2016 10:29:	16.67484	16.68607	16.65648	762.9772	763	762.9	23.35161	23.59999	23
10/13/2016 10:34:	16.67383	16.70334	16.65429	763.0031	763.1	763	23.99068	24.09999	23.9
10/13/2016 10:39:	16.67694	16.70773	16.65716	763.0322	763.1	763	23.825	24	23.59999
10/13/2016 10:44:	16.67694	16.70773	16.65716	763.0322	763.1	763	23.825	24	23.59999
10/13/2016 10:49:	16.67781	16.69537	16.65866	762.9985	763.1	762.8	23.41008	23.5	23.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 10:54:	16.67781	16.69537	16.65866	762.9985	763.1	762.8	23.41008	23.5	23.3
10/13/2016 10:59:	16.67582	16.68915	16.65815	763.1832	763.2	763.1	23.44032	23.5	23.3
10/13/2016 11:04:	16.67582	16.68915	16.65815	763.1832	763.2	763.1	23.44032	23.5	23.3
10/13/2016 11:09:	16.6765	16.703	16.66034	763.037	763.2	762.9	23.35037	23.4	23.3
10/13/2016 11:14:	16.67385	16.69226	16.64908	763.0342	763.1	763	23.62867	23.9	23.5
10/13/2016 11:19:	16.67283	16.6932	16.6517	763.2547	763.3	763	23.87986	23.9	23.59999
10/13/2016 11:24:	16.67596	16.69642	16.64992	763.192	763.3	763.1	23.82942	23.9	23.59999
10/13/2016 11:29:	16.67558	16.7118	16.65542	762.9362	763.1	762.9	23.72609	23.9	23.59999
10/13/2016 11:34:	16.67558	16.7118	16.65542	762.9362	763.1	762.9	23.72609	23.9	23.59999
10/13/2016 11:39:	16.67363	16.69449	16.65891	763.1084	763.3	763	23.86643	24	23.59999
10/13/2016 11:44:	16.67424	16.69016	16.65496	762.8	762.8	762.8	23.95293	24.09999	23.8
10/13/2016 11:49:	16.67424	16.69016	16.65496	762.8	762.8	762.8	23.95293	24.09999	23.8
10/13/2016 11:54:	16.67513	16.7087	16.64778	762.8423	763	762.7	24.27916	24.4	24.09999
10/13/2016 11:59:	16.67513	16.7087	16.64778	762.8423	763	762.7	24.27916	24.4	24.09999
10/13/2016 12:04:	16.67626	16.69494	16.65397	762.5974	762.6	762.5	24.57314	24.69999	24.5
10/13/2016 12:09:	16.67626	16.69494	16.65397	762.5974	762.6	762.5	24.57314	24.69999	24.5
10/13/2016 12:14:	16.67474	16.70939	16.65297	762.5129	762.7	762.3	24.70258	25	24.59999
10/13/2016 12:19:	16.67328	16.69444	16.65129	762.338	762.6	762.3	24.83538	25.09999	24.59999
10/13/2016 12:24:	16.67627	16.71548	16.64014	762.196	762.6	762.1	24.99352	25.4	24.69999
10/13/2016 12:29:	16.67627	16.71548	16.64014	762.196	762.6	762.1	24.99352	25.4	24.69999
10/13/2016 12:34:	16.67313	16.71988	16.6287	762.1303	762.2	762	25.17496	25.59999	24.8
10/13/2016 12:39:	16.67313	16.71988	16.6287	762.1303	762.2	762	25.17496	25.59999	24.8
10/13/2016 12:44:	16.67758	16.70888	16.61988	761.9608	762.1	761.9	25.00989	25.4	24.5
10/13/2016 12:49:	16.67438	16.71311	16.62269	761.8773	761.9	761.8	25.13876	25.69999	24.69999
10/13/2016 12:54:	16.67438	16.71311	16.62269	761.8773	761.9	761.8	25.13876	25.69999	24.69999
10/13/2016 12:59:	16.67716	16.70825	16.64318	761.8	761.8	761.8	25.15216	25.59999	24.69999
10/13/2016 13:04:	16.6725	16.70249	16.6517	761.8036	761.9	761.8	25.26305	25.59999	24.69999
10/13/2016 13:09:	16.67531	16.70321	16.65235	761.788	761.9	761.7	25.30671	25.4	25.19999
10/13/2016 13:14:	16.6741	16.69987	16.6411	761.6168	761.7	761.6	25.3873	25.59999	25.19999
10/13/2016 13:19:	16.6741	16.69987	16.6411	761.6168	761.7	761.6	25.3873	25.59999	25.19999
10/13/2016 13:24:	16.67437	16.73466	16.58848	761.412	761.5	761.4	25.47479	25.9	24.69999
10/13/2016 13:29:	16.67543	16.73034	16.61167	761.464	761.5	761.3	25.49572	26	24.8
10/13/2016 13:34:	16.67543	16.73034	16.61167	761.464	761.5	761.3	25.49572	26	24.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 13:39:	16.67501	16.73764	16.63578	761.3256	761.4	761.2	25.27983	25.59999	25
10/13/2016 13:44:	16.67724	16.71216	16.64507	761.2202	761.3	761.2	25.12349	25.3	25
10/13/2016 13:49:	16.67521	16.69445	16.65204	761.2	761.2	761.2	25.1403	25.3	25
10/13/2016 13:54:	16.67487	16.71406	16.64614	761.2	761.2	761.2	25.23708	25.59999	25
10/13/2016 13:59:	16.67441	16.77868	16.58912	761.1859	761.2	761.1	25.70089	26.9	24.59999
10/13/2016 14:04:	16.67441	16.77868	16.58912	761.1859	761.2	761.1	25.70089	26.9	24.59999
10/13/2016 14:09:	16.67572	16.80993	16.55541	761.1414	761.2	761.1	25.68035	26.9	24.5
10/13/2016 14:14:	16.67552	16.76466	16.56957	761.0467	761.2	761	25.79063	27.19999	24.59999
10/13/2016 14:19:	16.67596	16.7523	16.58139	761.002	761.1	761	26.05622	27.19999	24.59999
10/13/2016 14:24:	16.67596	16.7523	16.58139	761.002	761.1	761	26.05622	27.09999	24.5
10/13/2016 14:29:	16.67522	16.73758	16.60416	760.9632	761.1	760.9	25.77143	26.5	25
10/13/2016 14:34:	16.67522	16.73758	16.60416	760.9632	761.1	760.9	25.77143	26.5	25
10/13/2016 14:39:	16.67407	16.78741	16.57663	760.9111	761	760.9	25.76214	26.8	25
10/13/2016 14:44:	16.67563	16.76614	16.56554	760.9106	761	760.9	25.63368	27.09999	24.69999
10/13/2016 14:49:	16.67336	16.77225	16.54777	760.8527	761	760.8	25.90689	27.09999	24.59999
10/13/2016 14:54:	16.67254	16.77196	16.58737	760.8308	760.9	760.8	25.98052	27.19999	24.4
10/13/2016 14:59:	16.67754	16.78039	16.59568	760.8198	760.9	760.8	25.67428	26.5	24.69999
10/13/2016 15:04:	16.67473	16.74495	16.60214	760.8428	760.9	760.8	25.70672	26.5	24.5
10/13/2016 15:09:	16.67325	16.734	16.62361	760.8954	760.9	760.8	25.93034	26.3	25.3
10/13/2016 15:14:	16.67469	16.83442	16.57663	760.8297	760.9	760.8	26.44883	28	24.19999
10/13/2016 15:19:	16.67469	16.83442	16.57663	760.8297	760.9	760.8	26.44883	28	24.19999
10/13/2016 15:24:	16.67285	16.79528	16.5517	760.8207	760.9	760.8	26.33959	28.4	24
10/13/2016 15:29:	16.67285	16.79528	16.5517	760.8207	760.9	760.8	26.33959	28.4	24
10/13/2016 15:34:	16.67524	16.80886	16.54234	760.8384	760.9	760.8	26.11843	28.3	23.9
10/13/2016 15:39:	16.67554	16.82152	16.46684	760.8455	760.9	760.8	26.04821	28.8	23.9
10/13/2016 15:44:	16.67134	16.82022	16.52784	760.8349	760.9	760.8	25.3645	27.19999	23.8
10/13/2016 15:49:	16.67134	16.82022	16.52784	760.8349	760.9	760.8	25.3645	27.19999	23.8
10/13/2016 15:54:	16.67566	16.73951	16.62974	760.7319	760.8	760.6	24.83363	25.69999	24
10/13/2016 15:59:	16.67566	16.73951	16.62974	760.7319	760.8	760.6	24.83363	25.69999	24
10/13/2016 16:04:	16.67582	16.78286	16.53816	760.6015	760.7	760.6	24.4662	25.8	23.4
10/13/2016 16:09:	16.67582	16.78286	16.53816	760.6015	760.7	760.6	24.4662	25.8	23.4
10/13/2016 16:14:	16.67489	16.77687	16.53303	760.6077	760.7	760.6	24.43453	25.9	22.9
10/13/2016 16:19:	16.67423	16.72409	16.60928	760.5936	760.7	760.5	24.29832	25	23.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 16:24:	16.67423	16.72409	16.60928	760.5936	760.7	760.5	24.29832	25	23.9
10/13/2016 16:29:	16.67382	16.69282	16.64892	760.5763	760.7	760.5	24.30926	24.5	24.09999
10/13/2016 16:34:	16.67388	16.7054	16.64219	760.5721	760.7	760.5	24.10841	24.59999	23.9
10/13/2016 16:39:	16.67662	16.7076	16.6496	760.4805	760.6	760.4	23.93023	24.19999	23.8
10/13/2016 16:44:	16.67662	16.7076	16.6496	760.4805	760.6	760.4	23.93023	24.19999	23.8
10/13/2016 16:49:	2.54249	16.68366	0	760.4115	760.5	760.4	23.7817	23.9	23.59999
10/13/2016 16:54:	2.54249	16.68366	0	760.4115	760.5	760.4	23.7817	23.9	23.59999
10/13/2016 16:59:	0	0	0	760.4358	760.5	760.3	23.79837	23.9	23.59999
10/13/2016 17:04:	0	0	0	760.439	760.5	760.3	23.71768	23.9	23.59999
10/13/2016 17:09:	0	0	0	760.4091	760.5	760.3	23.48743	23.59999	23.4
10/13/2016 17:14:	0	0	0	760.3128	760.4	760.3	23.07063	23.3	23
10/13/2016 17:19:	0	0	0	760.3128	760.4	760.3	23.07063	23.3	23
10/13/2016 17:24:	0	0	0	760.3	760.3	760.3	23.01345	23.19999	23
10/13/2016 17:29:	0	0	0	760.2834	760.3	760.2	22.99751	23.19999	22.9
10/13/2016 17:34:	0	0	0	760.2874	760.4	760.2	22.74301	22.9	22.4
10/13/2016 17:39:	0	0	0	760.2101	760.3	760.2	22.47394	22.59999	22.3
10/13/2016 17:44:	0	0	0	760.2	760.2	760.2	22.32017	22.4	22.3
10/13/2016 17:49:	0	0	0	760.1738	760.2	760.1	22.22103	22.3	22.09999
10/13/2016 17:54:	0	0	0	760.1738	760.2	760.1	22.22103	22.3	22.09999
10/13/2016 17:59:	0	0	0	760.1929	760.2	760.1	22.10425	22.3	22
10/13/2016 18:04:	0	0	0	760.1198	760.2	760.1	21.88246	22.09999	21.59999
10/13/2016 18:09:	0	0	0	760.1	760.1	760.1	21.56141	21.69999	21.4
10/13/2016 18:14:	0	0	0	760.101	760.2	760.1	21.36477	21.5	21.19999
10/13/2016 18:19:	0	0	0	760.1	760.1	760.1	21.1899	21.19999	21.09999
10/13/2016 18:24:	0	0	0	760.0899	760.1	760	21.0446	21.19999	20.9
10/13/2016 18:29:	0	0	0	760.0435	760.1	760	20.937	21.09999	20.9
10/13/2016 18:34:	0	0	0	760.1	760.1	760.1	20.81185	20.9	20.59999
10/13/2016 18:39:	0	0	0	760.1	760.1	760.1	20.59081	20.8	20.5
10/13/2016 18:44:	0	0	0	760.1	760.1	760.1	20.463	20.5	20.4
10/13/2016 18:49:	0	0	0	760.0131	760.1	760	20.37398	20.5	20.3
10/13/2016 18:54:	0	0	0	760.1	760.1	760.1	20.09752	20.3	19.9
10/13/2016 18:59:	0	0	0	760.1711	760.2	760.1	19.94708	20	19.9
10/13/2016 19:04:	0	0	0	760.2206	760.3	760.2	19.88744	19.9	19.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 19:09:	0	0	0	760.2206	760.3	760.2	19.88744	19.9	19.8
10/13/2016 19:14:	0	0	0	760.2892	760.3	760.2	19.77399	19.9	19.69999
10/13/2016 19:19:	0	0	0	760.3	760.3	760.3	19.67063	19.69999	19.59999
10/13/2016 19:24:	6.10754	16.70525	0	760.304	760.4	760.3	19.40211	19.59999	19.3
10/13/2016 19:29:	16.67626	16.69548	16.65251	760.3616	760.4	760.3	19.13361	19.3	19
10/13/2016 19:34:	16.67626	16.69548	16.65251	760.3616	760.4	760.3	19.13361	19.3	19
10/13/2016 19:39:	16.67337	16.684	16.66056	760.398	760.4	760.3	18.97305	19.09999	18.8
10/13/2016 19:44:	16.67308	16.68582	16.65654	760.4	760.4	760.4	18.76304	19	18.59999
10/13/2016 19:49:	16.67275	16.69156	16.66056	760.4	760.4	760.4	18.59753	18.69999	18.5
10/13/2016 19:54:	16.67275	16.69156	16.66056	760.4	760.4	760.4	18.59753	18.69999	18.5
10/13/2016 19:59:	16.67581	16.69913	16.65837	760.4509	760.5	760.4	18.55047	18.59999	18.4
10/13/2016 20:04:	16.67687	16.68937	16.65837	760.5	760.5	760.5	18.47647	18.59999	18.4
10/13/2016 20:09:	16.6753	16.68763	16.66238	760.5037	760.6	760.5	18.41009	18.5	18.4
10/13/2016 20:14:	16.6753	16.68763	16.66238	760.5037	760.6	760.5	18.41009	18.5	18.4
10/13/2016 20:19:	16.6766	16.69519	16.66019	760.5728	760.6	760.5	18.33458	18.4	18.19999
10/13/2016 20:24:	16.6766	16.69519	16.66019	760.5728	760.6	760.5	18.33458	18.4	18.19999
10/13/2016 20:29:	16.67755	16.68944	16.66019	760.5969	760.6	760.5	18.23365	18.4	18.19999
10/13/2016 20:34:	16.67885	16.68944	16.66245	760.6	760.6	760.6	18.19666	18.4	18
10/13/2016 20:39:	16.67885	16.68944	16.66245	760.6	760.6	760.6	18.19666	18.4	18
10/13/2016 20:44:	16.67947	16.68944	16.66419	760.6	760.6	760.6	18.17985	18.19999	18
10/13/2016 20:49:	16.67853	16.68944	16.66245	760.6	760.6	760.6	18.14618	18.19999	18
10/13/2016 20:54:	16.67791	16.68944	16.66245	760.6	760.6	760.6	18.05718	18.19999	18
10/13/2016 20:59:	16.67656	16.69919	16.66025	760.6469	760.7	760.6	18.05387	18.19999	18
10/13/2016 21:04:	16.67656	16.69919	16.66025	760.6469	760.7	760.6	18.05387	18.19999	18
10/13/2016 21:09:	16.67428	16.69699	16.65051	760.7	760.7	760.7	18.03118	18.19999	17.9
10/13/2016 21:14:	16.6782	16.69124	16.66025	760.7	760.7	760.7	17.99999	18.09999	17.9
10/13/2016 21:19:	16.67741	16.70674	16.65806	760.7075	760.8	760.7	17.98656	18	17.9
10/13/2016 21:24:	16.67727	16.70098	16.66025	760.7521	760.8	760.7	17.98747	18	17.9
10/13/2016 21:29:	16.67727	16.70098	16.66025	760.7521	760.8	760.7	17.98747	18	17.9
10/13/2016 21:34:	16.67829	16.68947	16.6678	760.7741	760.8	760.7	17.97067	18	17.8
10/13/2016 21:39:	16.6774	16.68904	16.66205	760.8	760.8	760.8	17.90092	18	17.8
10/13/2016 21:44:	16.67599	16.68906	16.66561	760.8983	760.9	760.8	17.91104	18	17.8
10/13/2016 21:49:	16.67741	16.69482	16.65986	760.9	760.9	760.9	17.87736	18	17.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 21:54:	16.67669	16.68686	16.65767	760.9398	761	760.9	17.82019	17.9	17.8
10/13/2016 21:59:	16.67669	16.68686	16.65767	760.9398	761	760.9	17.82019	17.9	17.8
10/13/2016 22:04:	16.67588	16.69262	16.65767	761	761	761	17.76296	17.9	17.59999
10/13/2016 22:09:	16.67588	16.69262	16.65767	761	761	761	17.76296	17.9	17.59999
10/13/2016 22:14:	16.67569	16.68864	16.65946	761.0358	761.1	761	17.69422	17.8	17.59999
10/13/2016 22:19:	16.67773	16.6944	16.65946	761.1	761.1	761.1	17.70094	17.8	17.59999
10/13/2016 22:24:	16.6781	16.68864	16.65946	761.1004	761.2	761.1	17.64858	17.8	17.5
10/13/2016 22:29:	16.67848	16.68864	16.66343	761.1016	761.2	761.1	17.62694	17.8	17.59999
10/13/2016 22:34:	16.67398	16.68864	16.65371	761.0919	761.1	761	17.59328	17.59999	17.5
10/13/2016 22:39:	16.67398	16.68864	16.65371	761.0919	761.1	761	17.59328	17.59999	17.5
10/13/2016 22:44:	16.67356	16.68288	16.66343	761.1	761.1	761.1	17.58074	17.59999	17.5
10/13/2016 22:49:	16.67494	16.6926	16.66343	761.1	761.1	761.1	17.56635	17.59999	17.4
10/13/2016 22:54:	16.67621	16.69876	16.65589	761.0596	761.1	761	17.4495	17.5	17.4
10/13/2016 22:59:	16.67512	16.6926	16.65589	761.1	761.1	761.1	17.41347	17.5	17.4
10/13/2016 23:04:	16.67517	16.6926	16.65589	761.0976	761.1	761	17.39326	17.4	17.3
10/13/2016 23:09:	16.67517	16.6926	16.65589	761.0976	761.1	761	17.39326	17.4	17.3
10/13/2016 23:14:	16.67661	16.69876	16.64836	761.0051	761.1	761	17.38653	17.4	17.3
10/13/2016 23:19:	16.67744	16.70452	16.65808	761	761	761	17.36971	17.4	17.3
10/13/2016 23:24:	16.67673	16.70452	16.65808	761	761	761	17.34038	17.4	17.3
10/13/2016 23:29:	16.6778	16.6948	16.65808	761	761	761	17.33363	17.4	17.3
10/13/2016 23:34:	16.67692	16.68903	16.66203	761	761	761	17.30912	17.4	17.19999
10/13/2016 23:39:	16.67692	16.68903	16.66203	761	761	761	17.30912	17.4	17.19999
10/13/2016 23:44:	16.67485	16.68722	16.66203	761	761	761	17.31344	17.4	17.3
10/13/2016 23:49:	16.67685	16.68897	16.65984	761.071	761.1	761	17.30336	17.4	17.19999
10/13/2016 23:54:	16.67685	16.68897	16.65984	761.071	761.1	761	17.30336	17.4	17.19999
10/13/2016 23:59:	16.67696	16.68897	16.65803	761.1292	761.2	761.1	17.28654	17.4	17
10/14/2016 00:04:	16.67696	16.68897	16.65803	761.1292	761.2	761.1	17.28654	17.4	17
10/14/2016 00:09:	16.67669	16.68714	16.65803	761.1071	761.2	761.1	17.21683	17.3	17
10/14/2016 00:14:	16.67669	16.68714	16.65803	761.1071	761.2	761.1	17.21683	17.3	17
10/14/2016 00:19:	16.67623	16.68887	16.65977	761.1777	761.2	761.1	17.0909	17.3	17
10/14/2016 00:24:	16.67623	16.68887	16.65977	761.1777	761.2	761.1	17.0909	17.3	17
10/14/2016 00:29:	16.67614	16.69684	16.66196	761.1	761.1	761.1	17.07066	17.3	17
10/14/2016 00:34:	16.67374	16.69684	16.65977	761.103	761.2	761.1	17.00336	17.19999	16.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 00:39:	16.67374	16.69684	16.65977	761.103	761.2	761.1	17.00336	17.19999	16.9
10/14/2016 00:44:	16.67169	16.69106	16.66012	761.1	761.1	761.1	16.9865	17.19999	16.9
10/14/2016 00:49:	16.67169	16.69106	16.66012	761.1	761.1	761.1	16.9865	17.19999	16.9
10/14/2016 00:54:	16.6743	16.69106	16.65793	761.1232	761.2	761.1	16.99086	17.19999	16.9
10/14/2016 00:59:	16.67679	16.70077	16.65793	761.1707	761.2	761.1	16.98316	17	16.9
10/14/2016 01:04:	16.67904	16.69464	16.65977	761.2	761.2	761.2	17.00334	17.19999	16.9
10/14/2016 01:09:	16.67837	16.68887	16.65977	761.1859	761.2	761.1	17.02687	17.3	16.9
10/14/2016 01:14:	16.67859	16.68887	16.66762	761.2	761.2	761.2	17.09564	17.3	17
10/14/2016 01:19:	16.67859	16.68887	16.66762	761.2	761.2	761.2	17.09564	17.3	17
10/14/2016 01:24:	16.6784	16.69857	16.65793	761.2	761.2	761.2	17.08083	17.3	17
10/14/2016 01:29:	16.67842	16.69857	16.65793	761.2	761.2	761.2	17.08076	17.3	17
10/14/2016 01:34:	16.67655	16.69637	16.65574	761.2347	761.3	761.2	17.14136	17.3	17
10/14/2016 01:39:	16.67655	16.69637	16.65574	761.3	761.3	761.3	17.12086	17.3	17
10/14/2016 01:44:	16.67649	16.68667	16.66543	761.3141	761.4	761.3	17.23528	17.3	17
10/14/2016 01:49:	16.67495	16.68667	16.65355	761.3969	761.4	761.3	17.2832	17.3	17.19999
10/14/2016 01:54:	16.67591	16.69969	16.65721	761.4	761.4	761.4	17.35638	17.4	17.3
10/14/2016 01:59:	16.6757	16.69574	16.64931	761.4	761.4	761.4	17.43256	17.5	17.4
10/14/2016 02:04:	16.67585	16.69574	16.65903	761.4	761.4	761.4	17.52583	17.59999	17.4
10/14/2016 02:09:	16.67585	16.69574	16.65903	761.4	761.4	761.4	17.52583	17.59999	17.4
10/14/2016 02:14:	16.67661	16.69969	16.65903	761.4	761.4	761.4	17.61005	17.8	17.5
10/14/2016 02:19:	16.6774	16.69969	16.65327	761.4	761.4	761.4	17.75905	17.8	17.59999
10/14/2016 02:24:	16.67764	16.68997	16.65903	761.4	761.4	761.4	17.89202	18	17.8
10/14/2016 02:29:	16.67291	16.68816	16.66078	761.4725	761.5	761.4	17.98657	18	17.9
10/14/2016 02:34:	16.67407	16.69603	16.66115	761.4	761.4	761.4	18.02147	18.19999	18
10/14/2016 02:39:	16.67384	16.69209	16.66297	761.3231	761.4	761.3	18.16644	18.19999	18
10/14/2016 02:44:	16.67384	16.69209	16.66297	761.3231	761.4	761.3	18.16644	18.19999	18
10/14/2016 02:49:	16.67441	16.68458	16.66121	761.3	761.3	761.3	18.2168	18.4	18.09999
10/14/2016 02:54:	16.67593	16.69793	16.66121	761.3	761.3	761.3	18.29256	18.4	18.19999
10/14/2016 02:59:	16.67593	16.69793	16.66121	761.3	761.3	761.3	18.29256	18.4	18.19999
10/14/2016 03:04:	16.67347	16.68821	16.66121	761.3	761.3	761.3	18.39363	18.5	18.19999
10/14/2016 03:09:	16.67347	16.68821	16.66121	761.3	761.3	761.3	18.39363	18.5	18.19999
10/14/2016 03:14:	16.67219	16.68821	16.66121	761.3	761.3	761.3	18.43019	18.5	18.4
10/14/2016 03:19:	16.67281	16.68821	16.6515	761.2977	761.3	761.2	18.49666	18.59999	18.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 03:24:	16.67281	16.68821	16.6515	761.2977	761.3	761.2	18.49666	18.59999	18.4
10/14/2016 03:29:	16.67383	16.68464	16.65369	761.2031	761.3	761.2	18.51006	18.59999	18.4
10/14/2016 03:34:	16.67526	16.68678	16.65548	761.2	761.2	761.2	18.54291	18.59999	18.4
10/14/2016 03:39:	16.67526	16.68678	16.65548	761.2	761.2	761.2	18.54291	18.59999	18.4
10/14/2016 03:44:	16.67479	16.69649	16.65583	761.2	761.2	761.2	18.54397	18.59999	18.5
10/14/2016 03:49:	16.67443	16.68494	16.66554	761.2	761.2	761.2	18.5144	18.59999	18.4
10/14/2016 03:54:	16.67547	16.68283	16.66121	761.2546	761.3	761.2	18.46538	18.59999	18.4
10/14/2016 03:59:	16.67547	16.68283	16.66121	761.2546	761.3	761.2	18.46538	18.59999	18.4
10/14/2016 04:04:	16.67105	16.68245	16.66121	761.3	761.3	761.3	18.48322	18.5	18.4
10/14/2016 04:09:	16.67105	16.68245	16.66121	761.3	761.3	761.3	18.48322	18.5	18.4
10/14/2016 04:14:	16.67105	16.69035	16.66121	761.3	761.3	761.3	18.51782	18.59999	18.4
10/14/2016 04:19:	16.67428	16.69969	16.65903	761.3423	761.4	761.3	18.56947	18.59999	18.5
10/14/2016 04:24:	16.67428	16.69969	16.65903	761.3423	761.4	761.3	18.56947	18.59999	18.5
10/14/2016 04:29:	16.67526	16.69178	16.65686	761.4	761.4	761.4	18.60335	18.69999	18.59999
10/14/2016 04:34:	16.67526	16.69178	16.65686	761.4	761.4	761.4	18.60335	18.69999	18.59999
10/14/2016 04:39:	16.67552	16.68821	16.65686	761.3976	761.4	761.3	18.62347	18.69999	18.59999
10/14/2016 04:44:	16.67381	16.69217	16.6515	761.3161	761.4	761.3	18.63621	18.69999	18.59999
10/14/2016 04:49:	16.67489	16.68997	16.65903	761.3698	761.4	761.3	18.63728	18.69999	18.59999
10/14/2016 04:54:	16.67406	16.68239	16.66115	761.4	761.4	761.4	18.64362	18.69999	18.59999
10/14/2016 04:59:	16.67406	16.68239	16.66115	761.4	761.4	761.4	18.64362	18.69999	18.59999
10/14/2016 05:04:	16.67407	16.68816	16.66297	761.4	761.4	761.4	18.61008	18.69999	18.5
10/14/2016 05:09:	16.67716	16.68816	16.66297	761.4	761.4	761.4	18.58657	18.59999	18.5
10/14/2016 05:14:	16.67716	16.68816	16.66297	761.4	761.4	761.4	18.58657	18.59999	18.5
10/14/2016 05:19:	16.67858	16.69969	16.65903	761.4	761.4	761.4	18.59432	18.59999	18.5
10/14/2016 05:24:	16.67775	16.69969	16.64931	761.4	761.4	761.4	18.58092	18.59999	18.5
10/14/2016 05:29:	16.67775	16.69969	16.64931	761.4	761.4	761.4	18.58092	18.59999	18.5
10/14/2016 05:34:	16.67581	16.69969	16.65903	761.4	761.4	761.4	18.56382	18.59999	18.4
10/14/2016 05:39:	16.6737	16.69178	16.65686	761.4	761.4	761.4	18.59664	18.59999	18.5
10/14/2016 05:44:	16.67533	16.69178	16.66082	761.4	761.4	761.4	18.60335	18.69999	18.59999
10/14/2016 05:49:	16.67533	16.69178	16.66082	761.4	761.4	761.4	18.60335	18.69999	18.59999
10/14/2016 05:54:	16.67285	16.68781	16.66261	761.3909	761.4	761.3	18.65604	18.69999	18.59999
10/14/2016 05:59:	16.67285	16.68781	16.66261	761.3909	761.4	761.3	18.65604	18.69999	18.59999
10/14/2016 06:04:	16.67259	16.68205	16.66658	761.4	761.4	761.4	18.66975	18.69999	18.59999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 06:09:	16.67233	16.68205	16.66261	761.4	761.4	761.4	18.69664	18.69999	18.59999
10/14/2016 06:14:	16.6751	16.69357	16.66261	761.4	761.4	761.4	18.69557	18.8	18.59999
10/14/2016 06:19:	16.6745	16.68781	16.66261	761.4	761.4	761.4	18.76302	19	18.69999
10/14/2016 06:24:	16.67551	16.69178	16.66042	761.4896	761.5	761.4	18.78656	19	18.69999
10/14/2016 06:29:	16.67425	16.68958	16.66042	761.5	761.5	761.5	18.89838	19	18.69999
10/14/2016 06:34:	16.67312	16.68958	16.66042	761.5	761.5	761.5	18.90503	19	18.69999
10/14/2016 06:39:	16.67429	16.68562	16.66042	761.5	761.5	761.5	18.97312	19	18.8
10/14/2016 06:44:	16.67572	16.68781	16.66261	761.4	761.4	761.4	18.97981	19.09999	18.8
10/14/2016 06:49:	16.67572	16.68781	16.66261	761.4	761.4	761.4	18.97981	19.09999	18.8
10/14/2016 06:54:	16.67327	16.69178	16.66261	761.4	761.4	761.4	19.00334	19.09999	19
10/14/2016 06:59:	16.67327	16.69178	16.66261	761.4	761.4	761.4	19.00334	19.09999	19
10/14/2016 07:04:	16.67323	16.68781	16.66042	761.4745	761.5	761.4	19.0067	19.09999	19
10/14/2016 07:09:	16.67531	16.68781	16.66261	761.4	761.4	761.4	18.99665	19.09999	18.8
10/14/2016 07:14:	16.67531	16.68781	16.66261	761.4	761.4	761.4	18.99665	19.09999	18.8
10/14/2016 07:19:	16.67637	16.68384	16.66836	761.4009	761.5	761.4	18.99663	19.09999	18.8
10/14/2016 07:24:	16.67472	16.68384	16.66261	761.4	761.4	761.4	19	19	19
10/14/2016 07:29:	16.67573	16.69357	16.66261	761.4	761.4	761.4	19.00899	19.09999	19
10/14/2016 07:34:	16.67573	16.69357	16.66261	761.4	761.4	761.4	19.00899	19.09999	19
10/14/2016 07:39:	16.67284	16.69178	16.66042	761.4647	761.5	761.4	19.02241	19.09999	19
10/14/2016 07:44:	16.67284	16.69178	16.66042	761.4647	761.5	761.4	19.02241	19.09999	19
10/14/2016 07:49:	16.67462	16.67986	16.67014	761.499	761.5	761.4	19.03056	19.09999	19
10/14/2016 07:54:	16.67773	16.68958	16.65466	761.5063	761.6	761.5	19.01682	19.09999	19
10/14/2016 07:59:	16.67694	16.69315	16.65823	761.599	761.6	761.5	19.01345	19.09999	19
10/14/2016 08:04:	16.67522	16.69315	16.65823	761.6	761.6	761.6	18.99666	19.09999	18.8
10/14/2016 08:09:	16.67522	16.69315	16.65823	761.6	761.6	761.6	18.99666	19.09999	18.8
10/14/2016 08:14:	16.67758	16.69315	16.66397	761.603	761.7	761.6	19.00671	19.09999	19
10/14/2016 08:19:	16.6733	16.69095	16.66178	761.7	761.7	761.7	19.04028	19.09999	19
10/14/2016 08:24:	16.6733	16.69095	16.66178	761.7	761.7	761.7	19.04028	19.09999	19
10/14/2016 08:29:	16.67519	16.70205	16.65562	761.8	761.8	761.8	19.08993	19.09999	19
10/14/2016 08:34:	16.67564	16.68833	16.66311	761.8	761.8	761.8	19.15595	19.3	19
10/14/2016 08:39:	16.67564	16.68833	16.66311	761.8	761.8	761.8	19.15595	19.3	19
10/14/2016 08:44:	16.6733	16.69008	16.6437	761.8184	761.9	761.8	19.24257	19.3	19.09999
10/14/2016 08:49:	16.67289	16.6826	16.66315	761.9	761.9	761.9	19.33693	19.4	19.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 08:54:	16.67289	16.6826	16.66315	761.9	761.9	761.9	19.33693	19.4	19.3
10/14/2016 08:59:	16.67366	16.68793	16.65877	762.0083	762.1	761.9	19.39074	19.59999	19.3
10/14/2016 09:04:	16.67639	16.68793	16.66096	761.998	762	761.9	19.59934	19.69999	19.4
10/14/2016 09:09:	16.67639	16.68793	16.66096	761.998	762	761.9	19.59934	19.69999	19.4
10/14/2016 09:14:	16.67406	16.69233	16.66136	762.3154	762.4	762.2	19.69967	19.8	19.59999
10/14/2016 09:19:	16.67406	16.69233	16.66136	762.3154	762.4	762.2	19.69967	19.8	19.59999
10/14/2016 09:24:	16.67284	16.68612	16.66088	762.4	762.4	762.4	19.8187	19.9	19.69999
10/14/2016 09:29:	16.67595	16.68889	16.65918	762.4	762.4	762.4	19.91681	20	19.8
10/14/2016 09:34:	16.67605	16.68841	16.66326	762.4163	762.5	762.4	20.08515	20.3	20
10/14/2016 09:39:	16.67605	16.68841	16.66326	762.4163	762.5	762.4	20.08515	20.3	20
10/14/2016 09:44:	16.67507	16.68447	16.669	762.5	762.5	762.5	20.27311	20.4	20
10/14/2016 09:49:	16.67507	16.68447	16.669	762.5	762.5	762.5	20.27311	20.4	20
10/14/2016 09:54:	16.67505	16.68794	16.66053	762.5396	762.6	762.5	20.33247	20.4	20.3
10/14/2016 09:59:	16.67418	16.70112	16.65467	762.5	762.5	762.5	20.4	20.5	20.3
10/14/2016 10:04:	16.67418	16.70112	16.65467	762.5	762.5	762.5	20.4	20.5	20.3
10/14/2016 10:09:	16.67245	16.69136	16.66039	762.5	762.5	762.5	20.44923	20.59999	20.4
10/14/2016 10:14:	16.6739	16.69136	16.65467	762.5	762.5	762.5	20.79486	20.9	20.59999
10/14/2016 10:19:	16.67605	16.69136	16.66039	762.5	762.5	762.5	20.93242	21	20.9
10/14/2016 10:24:	16.67684	16.689	16.66207	762.498	762.5	762.4	21.01231	21.19999	20.9
10/14/2016 10:29:	16.67684	16.689	16.66207	762.498	762.5	762.4	21.01231	21.19999	20.9
10/14/2016 10:34:	16.676	16.6912	16.66187	762.4	762.4	762.4	21.29852	21.4	21.19999
10/14/2016 10:39:	16.676	16.6912	16.66187	762.4	762.4	762.4	21.29852	21.4	21.19999
10/14/2016 10:44:	16.67428	16.68933	16.66021	762.3212	762.4	762.3	21.59551	21.69999	21.5
10/14/2016 10:49:	16.67385	16.69558	16.66053	762.2545	762.3	762.2	21.67984	21.69999	21.59999
10/14/2016 10:54:	16.67385	16.69558	16.66053	762.2545	762.3	762.2	21.67984	21.69999	21.59999
10/14/2016 10:59:	16.67407	16.68632	16.6545	762.2672	762.5	762.1	21.82089	22	21.69999
10/14/2016 11:04:	16.67341	16.69305	16.65231	762.5	762.5	762.5	21.96867	22	21.8
10/14/2016 11:09:	16.67434	16.6939	16.65803	762.2327	762.5	762.1	21.84145	22	21.69999
10/14/2016 11:14:	16.67434	16.6939	16.65803	762.2327	762.5	762.1	21.84145	22	21.69999
10/14/2016 11:19:	16.67588	16.69293	16.66354	762.124	762.5	762	22.00558	22.09999	21.8
10/14/2016 11:24:	16.67545	16.68941	16.66412	761.9708	762	761.9	22.12121	22.3	22
10/14/2016 11:29:	16.67559	16.69545	16.66285	761.9	761.9	761.9	22.69966	22.9	22.59999
10/14/2016 11:34:	16.67559	16.69545	16.66285	761.9	761.9	761.9	22.69966	22.9	22.59999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 11:39:	16.67362	16.68935	16.65763	761.8856	761.9	761.8	23.04605	23.3	22.69999
10/14/2016 11:44:	16.67449	16.68935	16.65611	761.8215	762	761.8	23.42758	23.59999	23.3
10/14/2016 11:49:	16.67479	16.69895	16.65392	761.9879	762	761.8	23.93885	24	23.8
10/14/2016 11:54:	16.67479	16.69895	16.65392	761.9879	762	761.8	23.93885	24	23.8
10/14/2016 11:59:	16.67436	16.69958	16.65872	761.9171	762	761.9	23.90033	24	23.8
10/14/2016 12:04:	16.67396	16.69802	16.65147	761.8826	761.9	761.8	23.66147	23.9	23.5
10/14/2016 12:09:	16.67603	16.69863	16.6587	761.7839	761.8	761.7	23.25005	23.4	23
10/14/2016 12:14:	16.67585	16.70274	16.6562	761.7786	761.8	761.7	23.0213	23.19999	22.9
10/14/2016 12:19:	16.67585	16.70274	16.6562	761.7786	761.8	761.7	23.0213	23.19999	22.9
10/14/2016 12:24:	16.67884	16.69923	16.65804	761.6656	761.7	761.6	22.92016	23	22.8
10/14/2016 12:29:	16.67645	16.6989	16.64782	761.5444	761.6	761.5	22.94368	23	22.9
10/14/2016 12:34:	16.6743	16.69539	16.64508	761.5645	761.6	761.5	22.99108	23	22.9
10/14/2016 12:39:	16.6743	16.69539	16.64508	761.5645	761.6	761.5	22.99108	23	22.9
10/14/2016 12:44:	16.67327	16.69127	16.65196	761.4899	761.5	761.4	23.00972	23.19999	22.9
10/14/2016 12:49:	16.67559	16.6928	16.65899	761.4	761.4	761.4	23.12759	23.3	23
10/14/2016 12:54:	16.67559	16.6928	16.65899	761.4	761.4	761.4	23.12759	23.3	23
10/14/2016 12:59:	16.67335	16.70336	16.64565	761.3222	761.4	761.3	23.33917	23.4	23.3
10/14/2016 13:04:	16.67533	16.70973	16.65108	761.2233	761.4	761.2	23.66038	23.9	23.5
10/14/2016 13:09:	16.67533	16.70973	16.65108	761.2233	761.4	761.2	23.66038	23.9	23.5
10/14/2016 13:14:	16.67375	16.70055	16.65395	761.1252	761.2	761.1	23.7545	23.9	23.59999
10/14/2016 13:19:	16.67375	16.70055	16.65395	761.1252	761.2	761.1	23.7545	23.9	23.59999
10/14/2016 13:24:	16.6728	16.69886	16.65198	761.0141	761.1	761	23.86975	23.9	23.59999
10/14/2016 13:29:	16.6728	16.69886	16.65198	761.0141	761.1	761	23.86975	23.9	23.59999
10/14/2016 13:34:	16.67549	16.69926	16.65295	760.9506	761	760.9	23.87984	24	23.59999
10/14/2016 13:39:	16.67577	16.6981	16.65441	760.902	761	760.9	23.89999	24	23.8
10/14/2016 13:44:	16.67337	16.69462	16.65295	760.8423	760.9	760.8	23.96605	24.09999	23.9
10/14/2016 13:49:	16.67453	16.70325	16.66081	760.802	760.9	760.8	24.0336	24.19999	24
10/14/2016 13:54:	16.67547	16.69702	16.65744	760.6978	760.7	760.6	24.23762	24.5	24.09999
10/14/2016 13:59:	16.67547	16.69702	16.65744	760.6978	760.7	760.6	24.23762	24.5	24.09999
10/14/2016 14:04:	16.67571	16.7162	16.64827	760.6	760.6	760.6	24.43674	24.69999	24.19999
10/14/2016 14:09:	16.67571	16.7162	16.64827	760.6	760.6	760.6	24.43674	24.69999	24.19999
10/14/2016 14:14:	16.67409	16.71135	16.61799	760.4908	760.5	760.4	24.6381	25.19999	24.09999
10/14/2016 14:19:	16.67409	16.71135	16.61799	760.4908	760.5	760.4	24.6381	25.19999	24.09999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 14:24:	16.6741	16.70048	16.6481	760.3889	760.4	760.3	25.03639	25.3	24.5
10/14/2016 14:29:	16.6741	16.70048	16.6481	760.3889	760.4	760.3	25.03639	25.3	24.5
10/14/2016 14:34:	16.67361	16.69704	16.63208	760.2888	760.4	760.2	25.20182	25.4	25
10/14/2016 14:39:	16.67386	16.77605	16.57587	760.117	760.2	760	25.35963	26.59999	24.09999
10/14/2016 14:44:	16.67386	16.77605	16.57587	760.117	760.2	760	25.35963	26.59999	24.09999
10/14/2016 14:49:	16.67712	16.82863	16.55444	760.0627	760.1	759.9	25.81679	27	24.5
10/14/2016 14:54:	16.67576	16.78166	16.5661	760.0343	760.1	760	25.98117	27.19999	24.8
10/14/2016 14:59:	16.67751	16.79104	16.57515	759.906	760	759.9	26.16745	27.69999	24.59999
10/14/2016 15:04:	16.67387	16.85616	16.50305	759.902	760	759.9	26.253	28.19999	23.9
10/14/2016 15:09:	16.67387	16.85616	16.50305	759.902	760	759.9	26.253	28.19999	23.9
10/14/2016 15:14:	16.67471	16.77757	16.58881	759.9939	760.3	759.9	26.5802	27.69999	24.69999
10/14/2016 15:19:	16.67719	16.74912	16.57378	760.1402	760.3	760	26.84428	27.19999	26.5
10/14/2016 15:24:	16.67509	16.70447	16.64644	760.0646	760.2	759.9	26.78246	27.09999	26.4
10/14/2016 15:29:	16.67366	16.71318	16.63956	760.1736	760.4	760	26.71864	27.09999	26
10/14/2016 15:34:	16.67391	16.70222	16.64077	760.3151	760.4	760.1	26.34166	26.9	25.69999
10/14/2016 15:39:	16.67427	16.71308	16.63793	760.2889	760.4	760.1	25.83447	26.5	24.19999
10/14/2016 15:44:	16.67751	16.75781	16.58425	760.1152	760.3	760	25.34432	26.9	23.9
10/14/2016 15:49:	16.67432	16.81884	16.5175	760.0403	760.3	760	24.90717	27.69999	22.69999
10/14/2016 15:54:	16.67432	16.79892	16.54415	760.0891	760.3	760	24.99451	26.5	23.3
10/14/2016 15:59:	16.67684	16.74211	16.61765	760.0111	760.3	760	24.83767	25.9	24
10/14/2016 16:04:	16.67684	16.74211	16.61765	760.0111	760.3	760	24.83767	25.9	24
10/14/2016 16:09:	16.6761	16.7225	16.64748	759.8655	760.1	759.8	24.80721	25.3	24.4
10/14/2016 16:14:	16.67337	16.72676	16.53449	759.8272	760	759.8	24.64048	25.59999	23.4
10/14/2016 16:19:	16.67337	16.72676	16.53449	759.8272	760	759.8	24.64048	25.59999	23.4
10/14/2016 16:24:	16.67484	16.78478	16.55989	759.8363	760	759.8	24.70703	26	23.3
10/14/2016 16:29:	16.67373	16.73732	16.59574	759.9031	760.1	759.8	24.83391	26	23.59999
10/14/2016 16:34:	16.67371	16.77497	16.6226	759.9242	760.1	759.8	24.53741	25.4	23.59999
10/14/2016 16:39:	16.67304	16.70582	16.64508	760.0959	760.2	759.9	24.63517	25	24.5
10/14/2016 16:44:	16.6729	16.73836	16.63346	760.0466	760.2	759.9	24.37005	24.69999	23.9
10/14/2016 16:49:	16.67533	16.68924	16.65664	760.1768	760.2	760.1	23.89277	24.4	23.59999
10/14/2016 16:54:	16.67533	16.68924	16.65664	760.1768	760.2	760.1	23.89277	24.4	23.59999
10/14/2016 16:59:	16.67554	16.70001	16.66165	760.1442	760.3	759.9	23.6141	23.8	23.5
10/14/2016 17:04:	16.67475	16.68838	16.6608	760.1404	760.2	760.1	23.39788	23.59999	23.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 17:09:	16.67475	16.68838	16.6608	760.1404	760.2	760.1	23.39788	23.59999	23.3
10/14/2016 17:14:	16.67765	16.68902	16.65949	760	760	760	23.02019	23.19999	23
10/14/2016 17:19:	16.67765	16.68902	16.65949	760	760	760	23.02019	23.19999	23
10/14/2016 17:24:	16.67582	16.69887	16.65161	760.1059	760.3	760	23.01685	23.19999	22.9
10/14/2016 17:29:	16.67261	16.69571	16.65235	760.296	760.3	760.2	22.77254	23	22.59999
10/14/2016 17:34:	16.67418	16.69086	16.65486	760.2364	760.3	760	22.19703	22.59999	22
10/14/2016 17:39:	16.67418	16.69086	16.65486	760.2364	760.3	760	22.19703	22.59999	22
10/14/2016 17:44:	16.67396	16.69086	16.65924	760.0262	760.1	760	21.6037	21.69999	21.5
10/14/2016 17:49:	16.67396	16.69086	16.65924	760.0262	760.1	760	21.6037	21.69999	21.5
10/14/2016 17:54:	16.67364	16.68922	16.66171	760.0303	760.1	760	21.35205	21.5	21.19999
10/14/2016 17:59:	16.67364	16.68922	16.66171	760.0303	760.1	760	21.35205	21.5	21.19999
10/14/2016 18:04:	16.67501	16.68776	16.65621	760.102	760.2	760	20.96582	21.09999	20.8
10/14/2016 18:09:	16.67501	16.68776	16.65621	760.102	760.2	760	20.96582	21.09999	20.8
10/14/2016 18:14:	16.6739	16.68961	16.66027	760.194	760.2	760.1	20.51169	20.59999	20.4
10/14/2016 18:19:	16.6739	16.68961	16.66027	760.194	760.2	760.1	20.51169	20.59999	20.4
10/14/2016 18:24:	16.67789	16.69365	16.65689	760.2	760.2	760.2	20.17943	20.3	20
10/14/2016 18:29:	16.67789	16.69365	16.65689	760.2	760.2	760.2	20.17943	20.3	20
10/14/2016 18:34:	16.67714	16.68791	16.66432	760.2	760.2	760.2	19.80503	19.9	19.69999
10/14/2016 18:39:	16.67631	16.69365	16.65859	760.2	760.2	760.2	19.6731	19.69999	19.59999
10/14/2016 18:44:	16.6766	16.69365	16.65859	760.2252	760.3	760.2	19.60029	19.69999	19.4
10/14/2016 18:49:	16.6766	16.69365	16.65859	760.2252	760.3	760.2	19.60029	19.69999	19.4
10/14/2016 18:54:	16.6767	16.69548	16.66447	760.2566	760.3	760.2	19.41409	19.59999	19.3
10/14/2016 18:59:	16.67603	16.68571	16.6564	760.3	760.3	760.3	19.20495	19.3	19.09999
10/14/2016 19:04:	16.67486	16.69548	16.64494	760.3	760.3	760.3	19.10338	19.19999	19
10/14/2016 19:09:	16.67486	16.69548	16.64494	760.3	760.3	760.3	19.10338	19.19999	19
10/14/2016 19:14:	16.67499	16.69145	16.66617	760.3	760.3	760.3	19.03398	19.09999	19
10/14/2016 19:19:	16.67421	16.69548	16.65235	760.3	760.3	760.3	18.96635	19.09999	18.69999
10/14/2016 19:24:	16.67267	16.68741	16.65235	760.3	760.3	760.3	18.92853	19	18.69999
10/14/2016 19:29:	8.96556	16.68741	0	760.3	760.3	760.3	18.80502	19	18.69999
10/14/2016 19:34:	0	0	0	760.3	760.3	760.3	18.85531	19	18.69999
10/14/2016 19:39:	0	0	0	760.3	760.3	760.3	18.95893	19	18.8
10/14/2016 19:44:	0	0	0	760.3	760.3	760.3	18.95893	19	18.8
10/14/2016 19:49:	0	0	0	760.3546	760.4	760.3	18.94279	19	18.69999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 19:54:	0	0	0	760.3546	760.4	760.3	18.92307	19	18.69999
10/14/2016 19:59:	0	0	0	760.4	760.4	760.4	18.8913	19	18.69999
10/14/2016 20:04:	0	0	0	760.4	760.4	760.4	18.78384	19	18.69999
10/14/2016 20:09:	0	0	0	760.4081	760.5	760.4	18.72933	19	18.69999
10/14/2016 20:14:	0	0	0	760.4111	760.5	760.4	18.68653	18.69999	18.59999
10/14/2016 20:19:	0	0	0	760.4111	760.5	760.4	18.68653	18.69999	18.59999
10/14/2016 20:24:	0	0	0	760.4	760.4	760.4	18.61378	18.69999	18.59999

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
22.16131	23	21.8	0	0	0	3.51082	4.59999	2.69999	0.00661	0	0.00694	2.2E+08
18.40203	24.1	18.1	27.79329	97.94777	0	0.73146	2.19999	0.5	0.00661	0	0.00694	2.2E+08
18.37151	18.5	18.2	11.8424	89.69079	0	0.71084	1.6	1.09999	0.00764	0	0.00694	2.2E+08
19.30356	19.4	19.2	4.72418	15.79356	0	1.251	1.6	1.09999	0.00764	0	0.00694	2.2E+08
19.25635	19.5	19	0	0	0	1.43086	1.59999	1.29999	0.00764	0	0.00694	2.2E+08
19.45303	19.6	19.3	0	0	0	1.41743	1.59999	1.29999	0.00764	0	0.00694	2.2E+08
19.37584	19.5	19.3	0	0	0	1.52751	1.69999	1.39999	0.00764	0	0.00694	2.2E+08
19.37045	19.5	19.2	0	0	0	1.56646	1.69999	1.39999	0.00764	0	0.00694	2.2E+08
19.25238	19.5	19	0	0	0	1.74091	1.99999	1.49999	0.00764	0	0.00694	2.2E+08
19.51887	19.9	19.2	0	0	0	1.52141	1.8	1.19999	0.00764	0	0.00694	2.2E+08
19.57315	19.9	19.3	0	0	0	1.55702	1.79999	1.19999	0.00764	0	0.00694	2.2E+08
19.47715	19.6	19.3	0	0	0	1.85574	2.09999	1.59999	0.00764	0	0.00694	2.2E+08
19.61009	19.9	19.4	0	0	0	1.80129	1.99999	1.29999	0.00764	0	0.00694	2.2E+08
19.56108	19.6	19.4	0	0	0	1.94564	2.09999	1.79999	0.00764	0	0.00694	2.2E+08
19.56108	19.6	19.4	0	0	0	1.94564	1.99999	1.59999	0.00764	0	0.00694	2.2E+08
19.87849	20	19.6	0	0	0	1.71815	1.99999	1.59999	0.00764	0	0.00694	2.2E+08
19.78925	20	19.6	0	0	0	1.86779	2.09999	1.69999	0.00764	0	0.00694	2.2E+08
19.96039	20.2	19.6	0	0	0	1.73288	2.09999	1.49999	0.00764	0	0.00694	2.2E+08
19.84229	20	19.6	0	0	0	2.00194	2.39999	1.69999	0.00764	0	0.00694	2.2E+08
19.80266	19.9	19.5	0	0	0	2.19731	2.49999	1.89999	0.00764	0	0.00694	2.2E+08
19.77582	20	19.5	0	0	0	2.27787	2.59999	1.99999	0.00764	0	0.00694	2.2E+08
19.97045	20.2	19.9	0	0	0	2.11947	2.19999	1.89999	0.00764	0	0.00694	2.2E+08
20.29804	20.5	20	0	0	0	1.86906	2.29999	1.59999	0.00764	0	0.00694	2.2E+08
19.97649	20.1	19.9	0	0	0	2.30402	2.39999	2.19999	0.00764	0	0.00694	2.2E+08
19.95707	20.1	19.9	0	0	0	2.36302	2.49999	2.09999	0.00764	0	0.00694	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.99735	20.2	19.9	0	0	0	2.44627	2.69999	2.19999	0.00764	0	0.00694	2.2E+08
19.86844	20	19.5	0	0	0	2.68589	3.09999	2.39999	0.00764	0	0.00694	2.2E+08
19.93357	20.1	19.6	0	0	0	2.65972	2.99999	2.39999	0.00764	0	0.00694	2.2E+08
20.22676	20.5	20.1	0	0	0	2.42359	2.59999	2.09999	0.00764	0	0.00694	2.2E+08
20.13958	20.4	20	0	0	0	2.42359	2.69999	2.29999	0.00764	0	0.00694	2.2E+08
20.13958	20.4	20	0	0	0	2.54765	2.69999	2.29999	0.00764	0	0.00694	2.2E+08
20.33081	20.5	20.1	0	0	0	2.38596	2.39999	1.89999	0.00764	0	0.00694	2.2E+08
20.60989	21	20.5	0	0	0	2.20081	2.39999	1.89999	0.00764	0	0.00694	2.2E+08
20.6288	20.8	20.5	0	0	0	2.26444	2.39999	1.99999	0.00764	0	0.00694	2.2E+08
20.89448	21.2	20.7	0	0	0	2.13557	2.39999	1.99999	0.00764	0	0.00694	2.2E+08
20.89448	21.2	20.7	0	0	0	2.13557	2.39999	1.99999	0.00764	0	0.00694	2.2E+08
21.09262	21.2	20.8	0	0	0	2.15435	2.49999	1.8	0.00764	0	0.00694	2.2E+08
21.66019	22.2	21.1	0	0	0	1.66665	2.19999	1.09999	0.00764	0	0.00694	2.2E+08
22.10951	22.5	21.7	0	0	0	1.3408	2.39999	1.39999	0.00764	0	0.00694	2.2E+08
22.14651	22.3	21.8	0	0	0	1.65476	2.09999	1.29999	0.00764	0	0.00694	2.2E+08
22.30273	22.9	21.7	0	0	0	1.63752	2.19999	1.09999	0.00764	0	0.00694	2.2E+08
22.30273	22.9	21.7	0	0	0	1.63752	2.19999	1.09999	0.00764	0	0.00694	2.2E+08
22.53359	22.8	22.3	0	0	0	1.69718	1.99999	1.39999	0.00764	0	0.00694	2.2E+08
22.53359	22.8	22.3	0	0	0	1.69718	2.89999	2.09999	0.00764	0	0.00694	2.2E+08
22.05856	22.3	21.6	0	0	0	2.39844	2.89999	2.09999	0.00764	0	0.00694	2.2E+08
22.23253	22.9	21.8	0	0	0	2.34396	2.79999	1.69999	0.00764	0	0.00694	2.2E+08
22.43081	22.8	22	0	0	0	2.2362	2.8	2.09999	0.00764	0	0.00694	2.2E+08
22.46036	22.6	22.2	0	0	0	2.40801	2.49999	1.89999	0.00764	0	0.00694	2.2E+08
22.83814	23.1	22.6	0	0	0	2.17187	2.59999	1.99999	0.00764	0	0.00694	2.2E+08
22.87905	23.1	22.5	0	0	0	2.23768	2.59999	1.99999	0.00764	0	0.00694	2.2E+08
22.59418	23	22.2	0	0	0	2.66218	3.09999	2.29999	0.00764	0	0.00694	2.2E+08
22.41619	22.8	22.2	0	0	0	2.88716	3.09999	2.49999	0.00764	0	0.00694	2.2E+08
22.38041	22.8	21.9	0	0	0	2.92563	3.39999	2.49999	0.00764	0	0.00694	2.2E+08
22.67729	23.1	22.4	0	0	0	2.64622	2.89999	2.19999	0.00764	0	0.00694	2.2E+08
22.49813	22.8	22.3	0	0	0	2.84149	3.09999	2.49999	0.00764	0	0.00694	2.2E+08
22.20963	22.5	21.9	0	0	0	3.11321	3.39999	2.79999	0.00764	0	0.00694	2.2E+08
22.1509	22.3	21.9	0	0	0	3.00818	3.39999	2.69999	0.00764	0	0.00694	2.2E+08
22.30702	22.5	21.9	0	0	0	2.77617	3.19999	2.49999	0.00764	0	0.00694	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
21.83343	22.2	21.6	0	0	0	3.13654	3.49999	2.69999	0.00764	0	0.00694	2.2E+08
21.99047	22.3	21.6	0	0	0	2.77669	3.19999	2.39999	0.00764	0	0.00694	2.2E+08
22.3419	22.9	21.9	0	0	0	2.40173	2.89999	1.79999	0.00764	0	0.00694	2.2E+08
22.76722	23.2	22.2	14.27617	18.42581	0	2.04379	2.49999	1.69999	0.06739	0.05062	0.06833	2.2E+08
22.76722	23.2	22.2	14.27617	18.42581	0	2.04379	2.49999	1.69999	0.15077	0	0.15138	2.2E+08
23.04583	23.5	22.6	18.56588	18.75831	18.3427	2.09495	2.59999	1.49999	0.23414	0.1089	0.23472	2.2E+08
22.42895	22.8	22	19.05959	19.22935	18.86914	3.13882	3.59999	2.59999	0.31751	0	0.31833	2.2E+08
22.42895	22.8	22	19.05959	19.22935	18.86914	3.13882	3.59999	2.59999	0.40089	0.02534	0.40138	2.2E+08
22.02526	22.3	21.6	19.1418	19.25706	19.03539	3.46754	3.69999	3.19999	0.48427	0.02018	0.48472	2.2E+08
21.83638	22.2	21.4	19.08197	19.22935	18.97998	3.37974	3.89999	2.99999	0.56765	0.02017	0.56805	2.2E+08
21.6751	21.9	21.4	19.0995	19.22935	18.95227	3.16164	3.39999	2.79999	0.65102	0.05543	0.65166	2.2E+08
21.6751	21.9	21.4	19.0995	19.22935	18.95227	3.16164	3.39999	2.79999	0.7344	0.00514	0.73472	2.2E+08
21.61306	21.9	21.3	19.17791	19.25706	19.03539	3.097	3.39999	2.79999	0.81777	0.03517	0.81833	2.2E+08
21.61306	21.9	21.3	19.17791	19.25706	19.03539	3.097	3.39999	2.79999	0.90114	0.03515	0.90138	2.2E+08
21.34672	21.6	21.2	19.02437	19.22935	18.89685	3.10303	3.39999	2.79999	0.98452	0.06251	0.985	2.2E+08
21.34672	21.6	21.2	19.02437	19.22935	18.89685	3.10303	3.39999	2.79999	1.06789	0.02995	1.06805	2.2E+08
21.42574	21.8	21.1	19.03028	19.14622	18.89685	2.89393	3.09999	2.29999	1.15126	0.03518	1.15138	2.2E+08
21.29634	21.7	21.1	19.07808	19.17393	18.97998	2.99099	3.29999	2.59999	1.23464	0	1.235	2.2E+08
21.29634	21.7	21.1	19.07808	19.17393	18.97998	2.99099	3.29999	2.59999	1.318	0.03509	1.31805	2.2E+08
21.06552	21.3	20.6	19.0702	19.14622	18.97998	3.18486	3.59999	2.79999	1.40137	0.03508	1.40138	2.2E+08
20.15372	20.6	19.6	19.12395	19.28477	19.00768	3.66909	3.99999	3.29999	1.48473	0.04632	1.485	2.2E+08
20.15372	20.6	19.6	19.12395	19.28477	19.00768	3.66909	3.99999	3.29999	1.56812	0.02031	1.56805	2.2E+08
19.92656	20.1	19.6	19.18668	19.36789	19.09081	3.39966	3.69999	3.19999	1.65149	0.00568	1.65166	2.2E+08
19.74142	20	19.5	19.29599	19.3956	19.17393	3.35733	3.79999	2.99999	1.73487	0.04281	1.735	2.2E+08
19.74142	20	19.5	19.29599	19.3956	19.17393	3.35733	3.79999	2.99999	1.81825	0	1.81805	2.2E+08
19.88668	20	19.6	19.3528	19.45101	19.28477	3.09988	3.39999	2.89999	1.90163	0	1.90166	2.2E+08
19.88668	20	19.6	19.3528	19.45101	19.28477	3.09988	3.39999	2.89999	1.98501	0.02029	1.98472	2.2E+08
19.96764	20.2	19.6	19.36628	19.45101	19.25706	3.0122	3.39999	2.79999	2.06839	0.04973	2.06805	2.2E+08
20.25142	20.6	19.9	19.37178	19.47872	19.28477	2.95856	3.39999	2.49999	2.15177	0	2.15166	2.2E+08
20.25142	20.6	19.9	19.37178	19.47872	19.28477	2.95856	2.69999	2.19999	2.23515	0.02026	2.23472	2.2E+08
20.70401	20.8	20.6	19.35391	19.4233	19.25706	2.57918	2.69999	2.19999	2.31851	0.1107	2.31805	2.2E+08
20.93775	21.1	20.8	19.36573	19.4233	19.31247	2.4562	2.59999	2.29999	2.40187	0.0351	2.40166	2.2E+08
20.93775	21.1	20.8	19.36573	19.4233	19.31247	2.4562	2.59999	2.29999	2.48524	0.03509	2.48472	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
20.70836	21.1	20.5	19.36804	19.4233	19.28477	2.72173	2.99999	2.29999	2.56861	0.0258	2.56805	2.2E+08
20.59677	20.8	20.2	19.36452	19.4233	19.28477	2.8496	3.19999	2.59999	2.65198	0.05536	2.65138	2.2E+08
20.3862	20.6	20.1	19.3746	19.47872	19.31247	3.05063	3.3	2.79999	2.73537	0.04972	2.73472	2.2E+08
19.53794	19.9	19.2	19.40968	19.53414	19.31247	3.31138	3.59999	2.99999	2.81872	0.08442	2.81833	2.2E+08
19.53794	19.9	19.2	19.40968	19.53414	19.31247	3.31138	3.59999	2.99999	2.90209	0.02038	2.90138	2.2E+08
18.68526	18.9	18.6	19.42023	19.53414	19.34018	3.09335	3.3	2.99999	2.98547	0.03486	2.985	2.2E+08
18.52613	18.6	18.3	19.39486	19.53414	19.31247	2.99015	3.19999	2.79999	3.06883	0.00597	3.06833	2.2E+08
18.52613	18.6	18.3	19.39486	19.53414	19.31247	2.99015	3.19999	2.79999	3.1522	0	3.15138	2.2E+08
18.42703	18.6	18.3	19.35004	19.4233	19.28477	2.82213	3.09999	2.59999	3.23557	0.06964	3.23472	2.2E+08
18.31343	18.4	18.2	19.35008	19.47872	19.25706	2.66655	2.8	2.59999	3.31893	0	3.31805	2.2E+08
18.25643	18.3	18.2	19.37724	19.53414	19.25706	2.50606	2.49999	2.19999	3.4023	0.02698	3.40138	2.2E+08
17.98922	18.1	17.8	19.33909	19.4233	19.22935	2.36048	2.59999	2.29999	3.48568	0	3.485	2.2E+08
17.98922	18.1	17.8	19.33909	19.4233	19.22935	2.36048	2.59999	2.29999	3.56909	0.03476	3.56805	2.2E+08
17.97006	18.1	17.8	19.37633	19.53414	19.25706	2.14618	2.49999	1.89999	3.65245	0.04091	3.65138	2.2E+08
17.84367	18	17.7	19.32948	19.4233	19.17393	1.92218	2.09999	1.69999	3.73582	0	3.735	2.2E+08
17.84367	18	17.7	19.32948	19.4233	19.17393	1.92218	2.09999	1.69999	3.81918	0.01428	3.81805	2.2E+08
17.74965	17.8	17.6	19.39472	19.50643	19.25706	1.89337	2.09999	1.79999	3.90254	0.03472	3.90138	2.2E+08
17.60942	17.7	17.6	19.44168	19.53414	19.31247	1.843	1.99999	1.69999	3.98592	0.02691	3.98472	2.2E+08
17.54969	17.7	17.5	19.47253	19.53414	19.3956	1.75296	1.79999	1.59999	4.06929	0.03473	4.06805	2.2E+08
17.50656	17.6	17.4	19.46805	19.53414	19.3956	1.6534	1.79999	1.39999	4.15266	0	4.15139	2.2E+08
17.55376	17.6	17.5	19.47115	19.61726	19.3956	1.50273	1.59999	1.39999	4.23602	0.05518	4.23472	2.2E+08
17.36259	17.5	17.2	19.45957	19.56184	19.34018	1.39787	1.59999	1.19999	4.31939	0	4.31833	2.2E+08
17.36259	17.5	17.2	19.45957	19.56184	19.34018	1.39787	1.59999	1.19999	4.40274	0.07569	4.40139	2.2E+08
17.25681	17.5	17.1	19.49629	19.58955	19.4233	1.43982	1.59999	1.09999	4.48609	0.04099	4.48472	2.2E+08
17.22659	17.4	17.2	19.46662	19.53414	19.4233	1.36667	1.49999	1.19999	4.56945	0.00628	4.56833	2.2E+08
17.22659	17.4	17.2	19.46662	19.53414	19.4233	1.36667	1.49999	1.19999	4.65281	0.07568	4.65139	2.2E+08
17.20843	17.4	17.1	19.48228	19.56184	19.3956	1.31442	1.49999	1.09999	4.73618	0.03466	4.73472	2.2E+08
17.20333	17.4	17.1	19.47549	19.56184	19.3956	1.23629	1.3	0.99999	4.81953	0.02051	4.81805	2.2E+08
17.17648	17.2	17.1	19.4587	19.53414	19.3956	1.20333	1.3	0.99999	4.90289	0	4.90139	2.2E+08
17.1731	17.2	17.1	19.44137	19.50643	19.36789	1.0941	1.29999	0.99999	4.98625	0.0205	4.985	2.2E+08
17.2773	17.5	17.2	19.45331	19.50643	19.34018	0.92605	1.19999	0.69999	5.06963	0.06939	5.06833	2.2E+08
17.2773	17.5	17.2	19.45331	19.50643	19.34018	0.92605	1.19999	0.69999	5.15301	0	5.15139	2.2E+08
17.15629	17.2	17.1	19.52801	19.61726	19.4233	0.99343	1.09999	0.8	5.23637	0	5.235	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.15629	17.2	17.1	19.52801	19.61726	19.4233	0.99343	1.09999	0.8	5.31973	0.04882	5.31805	2.2E+08
17.09999	17.2	17	19.54543	19.67268	19.4233	0.95629	1.09999	0.8	5.40309	0.06934	5.40139	2.2E+08
17.11612	17.2	17	19.49355	19.58955	19.4233	0.88387	0.99999	0.8	5.48645	0.03466	5.485	2.2E+08
17.08338	17.2	17	19.52312	19.64497	19.4233	0.90991	0.99999	0.79999	5.5698	0.05518	5.56833	2.2E+08
17.07985	17.1	17	19.48505	19.58955	19.3956	0.85041	0.99999	0.69999	5.65316	0.03468	5.65166	2.2E+08
17.0726	17.2	17	19.51639	19.61726	19.4233	0.85025	0.99999	0.69999	5.73652	0.06931	5.735	2.2E+08
17.0726	17.2	17	19.51639	19.61726	19.4233	0.85025	0.99999	0.69999	5.8199	0.01414	5.81805	2.2E+08
16.99683	17.1	16.9	19.57089	19.64497	19.45101	0.87574	0.99999	0.69999	5.90326	0.01414	5.90139	2.2E+08
16.92337	17	16.9	19.62852	19.72809	19.56184	0.86317	0.89999	0.69999	5.98661	0	5.985	2.2E+08
16.92337	17	16.9	19.62852	19.72809	19.56184	0.86317	0.89999	0.69999	6.06996	0.02053	6.06805	2.2E+08
16.86302	16.9	16.6	19.6006	19.67268	19.50643	0.88317	1.19999	0.69999	6.15332	0.01411	6.15166	2.2E+08
16.86302	16.9	16.6	19.6006	19.67268	19.50643	0.88317	1.19999	0.69999	6.23667	0.03464	6.23472	2.2E+08
16.86167	16.9	16.6	19.59465	19.67268	19.50643	0.7585	0.99999	0.69999	6.32003	0.04873	6.31833	2.2E+08
16.85295	16.9	16.6	19.60366	19.67268	19.53414	0.74032	0.99999	0.59999	6.40339	0	6.40166	2.2E+08
16.85295	16.9	16.6	19.60366	19.67268	19.53414	0.74032	0.99999	0.59999	6.48675	0.02697	6.48472	2.2E+08
16.8061	16.9	16.6	19.58414	19.64497	19.50643	0.78717	0.99999	0.59999	6.57012	0.02697	6.56805	2.2E+08
16.64801	16.9	16.6	19.56492	19.64497	19.47872	0.89568	0.99999	0.59999	6.65347	0.00644	6.65166	2.2E+08
16.64801	16.9	16.6	19.56492	19.64497	19.47872	0.89568	0.99999	0.69999	6.73682	0.03458	6.73472	2.2E+08
16.60672	16.8	16.6	19.58164	19.64497	19.50643	0.89663	0.99999	0.69999	6.82019	0	6.81805	2.2E+08
16.60002	16.8	16.5	19.53522	19.61726	19.4233	0.83695	0.99999	0.59999	6.90355	0	6.90166	2.2E+08
16.57647	16.6	16.5	19.54424	19.64497	19.4233	0.84035	0.99999	0.79999	6.98693	0.05513	6.985	2.2E+08
16.57647	16.6	16.5	19.54424	19.64497	19.4233	0.84035	0.89999	0.69999	7.07031	0	7.06833	2.2E+08
16.54976	16.6	16.5	19.57811	19.64497	19.50643	0.85091	0.89999	0.69999	7.15366	0	7.15139	2.2E+08
16.5437	16.6	16.5	19.58354	19.64497	19.50643	0.84955	0.89999	0.69999	7.23703	0.01402	7.235	2.2E+08
16.52667	16.6	16.5	19.58964	19.70038	19.50643	0.83317	0.89999	0.69999	7.32039	0.03458	7.31805	2.2E+08
16.54014	16.6	16.5	19.60004	19.67268	19.53414	0.81703	0.89999	0.69999	7.40375	0	7.40166	2.2E+08
16.54014	16.6	16.5	19.60004	19.67268	19.53414	0.81703	0.89999	0.69999	7.48712	0.02055	7.48472	2.2E+08
16.55965	16.6	16.5	19.59387	19.67268	19.50643	0.7733	0.89999	0.69999	7.57047	0.03458	7.56805	2.2E+08
16.52353	16.6	16.5	19.58879	19.64497	19.47872	0.79999	0.89999	0.69999	7.65382	0	7.65139	2.2E+08
16.6471	16.9	16.5	19.57716	19.64497	19.50643	0.64887	0.89999	0.39999	7.73717	0.027	7.735	2.2E+08
16.6471	16.9	16.5	19.57716	19.64497	19.50643	0.64887	0.89999	0.39999	7.82053	0.02053	7.81805	2.2E+08
16.76344	16.9	16.6	19.572	19.64497	19.47872	0.52983	0.69999	0.39999	7.90389	0.02055	7.90139	2.2E+08
16.61233	16.8	16.5	19.59069	19.70038	19.47872	0.67778	0.79999	0.49999	7.98726	0.06911	7.98472	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.51365	16.6	16.4	19.58543	19.64497	19.50643	0.74662	0.89999	0.49999	8.07064	0.03456	8.06833	2.2E+08
16.51365	16.6	16.4	19.58543	19.64497	19.50643	0.74662	0.89999	0.49999	8.15401	0.04858	8.15139	2.2E+08
16.45984	16.5	16.3	19.57415	19.64497	19.47872	0.71119	0.89999	0.49999	8.23741	0.03456	8.235	2.2E+08
16.45984	16.5	16.3	19.57415	19.64497	19.47872	0.71119	0.89999	0.49999	8.32083	0	8.31805	2.2E+08
16.33699	16.5	16.3	19.57711	19.64497	19.50643	0.75041	0.99999	0.49999	8.40426	0.06906	8.40166	2.2E+08
16.33699	16.5	16.3	19.57711	19.64497	19.50643	0.75041	0.99999	0.69999	8.48771	0.01394	8.485	2.2E+08
16.28318	16.3	16.2	19.59033	19.64497	19.53414	0.75721	0.99999	0.69999	8.57113	0.0078	8.56805	2.2E+08
16.17311	16.2	16	19.57575	19.67268	19.47872	0.81343	0.99999	0.69999	8.65457	0.00666	8.65166	2.2E+08
16.17311	16.2	16	19.57575	19.67268	19.47872	0.81343	0.99999	0.59999	8.738	0.04846	8.735	2.2E+08
16.18633	16.3	16	19.56263	19.64497	19.47872	0.78697	0.99999	0.59999	8.82144	0.083	8.81805	2.2E+08
16.25381	16.3	16.2	19.55804	19.64497	19.47872	0.68924	0.8	0.59999	8.9049	0	8.90166	2.2E+08
16.24305	16.3	16.2	19.59603	19.67268	19.53414	0.67715	0.8	0.59999	8.98835	0.03454	8.98472	2.2E+08
16.2061	16.3	16	19.59772	19.67268	19.50643	0.70065	0.89999	0.59999	9.07178	0.02789	9.06833	2.2E+08
16.23633	16.3	16.2	19.6049	19.67268	19.50643	0.65695	0.69999	0.59999	9.15525	0	9.15166	2.2E+08
16.23633	16.3	16.2	19.6049	19.67268	19.50643	0.65695	0.69999	0.59999	9.23871	0.03452	9.23472	2.2E+08
16.31412	16.5	16.2	19.66376	19.7558	19.58955	0.5567	0.69999	0.39999	9.32215	0	9.31833	2.2E+08
16.31412	16.5	16.2	19.66376	19.7558	19.58955	0.5567	0.69999	0.39999	9.4056	0.03454	9.40139	2.2E+08
16.36726	16.5	16.3	19.65205	19.72809	19.56184	0.51592	0.59999	0.29999	9.48906	0.02056	9.48472	2.2E+08
16.41343	16.5	16.3	19.59751	19.70038	19.53414	0.45291	0.59999	0.19999	9.57251	0.02056	9.56833	2.2E+08
16.48386	16.6	16.3	19.58568	19.64497	19.50643	0.39596	0.49999	0.09999	9.65594	0.04859	9.65166	2.2E+08
16.48386	16.6	16.3	19.58568	19.64497	19.50643	0.39596	0.49999	0.09999	9.73936	0.02678	9.735	2.2E+08
16.65718	16.9	16.5	19.59001	19.64497	19.53414	0.226	0.39999	0	9.82278	0.00649	9.81805	2.2E+08
16.70244	16.9	16.6	19.61015	19.70038	19.53414	0.19419	0.39999	0	9.9062	0.00651	9.90139	2.2E+08
16.69567	16.9	16.6	19.65663	19.78351	19.53414	0.21777	0.39999	0	9.98964	0.00757	9.98472	2.2E+08
16.68699	16.9	16.6	19.68229	19.78351	19.58955	0.21612	0.39999	0	10.07309	0.0143	10.06805	2.2E+08
16.67936	16.9	16.6	19.70827	19.81122	19.58955	0.24752	0.39999	0	10.15652	0	10.15139	2.2E+08
16.90672	17	16.8	19.69559	19.81122	19.58955	0.07982	0.19999	0	10.23993	0.02191	10.235	2.2E+08
16.90672	17	16.8	19.69559	19.81122	19.58955	0.07982	0.19999	0	10.32335	0.03462	10.31805	2.2E+08
16.89729	17	16.8	19.72412	19.81122	19.61726	0.10606	0.29999	0	10.40678	0.03458	10.40139	2.2E+08
16.78635	16.9	16.6	19.75656	19.89434	19.67268	0.23384	0.59999	0.09999	10.49022	0.06918	10.48472	2.2E+08
16.69364	16.9	16.6	19.74375	19.83892	19.58955	0.36949	0.59999	0.09999	10.57364	0	10.56805	2.2E+08
16.69907	16.9	16.6	19.75788	19.86663	19.61726	0.33453	0.69999	0.09999	10.65706	0.0078	10.65139	2.2E+08
16.6471	16.9	16.5	19.74873	19.83892	19.61726	0.41016	0.69999	0.09999	10.7405	0.03455	10.73472	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.4	16.5	16.3	19.8684	19.94976	19.7558	0.61211	0.89999	0.49999	10.82393	0.03454	10.81833	2.2E+08
16.4	16.5	16.3	19.8684	19.94976	19.7558	0.61211	0.89999	0.49999	10.90741	0.02056	10.90139	2.2E+08
16.2464	16.4	16	19.911	20.06059	19.81122	0.75089	0.99999	0.59999	10.99086	0.03452	10.985	2.2E+08
16.14618	16.2	16	19.8966	20.03288	19.78351	0.82046	0.99999	0.69999	11.07428	0.03454	11.06833	2.2E+08
16.14618	16.2	16	19.8966	20.03288	19.78351	0.82046	0.99999	0.69999	11.1577	0	11.15139	2.2E+08
16.02979	16.2	15.9	19.8799	19.97746	19.78351	0.89037	1.09999	0.69999	11.24116	0.02725	11.235	2.2E+08
16.02979	16.2	15.9	19.8799	19.97746	19.78351	0.89037	1.09999	0.69999	11.32464	0	11.31805	2.2E+08
15.93368	16	15.9	19.88118	19.94976	19.81122	0.96968	0.99999	0.89999	11.4081	0	11.40139	2.2E+08
15.91345	16	15.9	19.93307	20.11601	19.81122	0.97646	0.99999	0.89999	11.49154	0.03446	11.485	2.2E+08
15.91683	16	15.9	19.93307	20.11601	19.81122	0.97646	1.09999	0.89999	11.57496	0	11.56833	2.2E+08
15.91683	16	15.9	19.98176	20.11601	19.83892	0.98654	1.09999	0.89999	11.65839	0	11.65139	2.2E+08
15.96997	16.2	15.9	20.06356	20.25455	19.89434	0.96703	1.09999	0.8	11.74183	0.0345	11.735	2.2E+08
15.97065	16	15.9	20.08207	20.25455	19.89434	1.00917	1.09999	0.89999	11.82531	0	11.81833	2.2E+08
15.9296	16	15.9	20.11119	20.30996	19.92205	1.08047	1.29999	0.89999	11.90873	0.03446	11.90166	2.2E+08
15.9296	16	15.9	20.11119	20.30996	19.92205	1.08047	1.29999	0.89999	11.99216	0	11.98472	2.2E+08
15.9771	16.2	15.9	20.24727	20.36538	20.14371	1.21724	1.39999	0.99999	12.0756	0.02669	12.06833	2.2E+08
15.9771	16.2	15.9	20.24727	20.36538	20.14371	1.21724	1.39999	0.99999	12.15904	0.03451	12.15139	2.2E+08
15.94981	16	15.9	20.29485	20.36538	20.17142	1.28691	1.39999	0.99999	12.24248	0.01388	12.23472	2.2E+08
15.82065	15.9	15.7	20.3418	20.39309	20.28225	1.42756	1.59999	1.09999	12.32594	0	12.31833	2.2E+08
15.82065	15.9	15.7	20.3418	20.39309	20.28225	1.42756	1.59999	1.09999	12.40937	0	12.40166	2.2E+08
15.78695	15.9	15.7	20.33263	20.39309	20.25455	1.42248	1.59999	1.09999	12.49277	0.0412	12.48472	2.2E+08
15.8098	15.9	15.7	20.34056	20.4485	20.22684	1.35504	1.59999	1.09999	12.5762	0	12.56805	2.2E+08
15.90671	16	15.9	20.32628	20.42079	20.25455	1.27781	1.39999	0.99999	12.65965	0.0284	12.65166	2.2E+08
15.90671	16	15.9	20.32628	20.42079	20.25455	1.27781	1.39999	0.99999	12.74312	0.03452	12.73472	2.2E+08
15.91009	16	15.9	20.35446	20.4485	20.25455	1.34015	1.39999	1.09999	12.82657	0	12.81805	2.2E+08
16.02631	16.2	15.9	20.34828	20.4485	20.25455	1.28378	1.39999	1.09999	12.91002	0.04236	12.90166	2.2E+08
16.02631	16.2	15.9	20.34828	20.4485	20.25455	1.28378	1.39999	1.09999	12.99344	0.0691	12.98472	2.2E+08
16.12728	16.2	16	20.3954	20.50392	20.30996	1.21647	1.39999	1.09999	13.07686	0.08967	13.06805	2.2E+08
16.19327	16.3	16	20.40009	20.50392	20.28225	1.19393	1.39999	1.09999	13.16027	0	13.15139	2.2E+08
16.50377	16.6	16.3	20.34052	20.47621	20.25455	1.01276	1.19999	0.79999	13.24368	0	13.235	2.2E+08
16.50377	16.6	16.3	20.34052	20.47621	20.25455	1.01276	1.19999	0.79999	13.32713	0	13.31805	2.2E+08
16.67737	16.9	16.6	20.29953	20.39309	20.17142	0.91924	1.19999	0.69999	13.41053	0.06911	13.40139	2.2E+08
16.60338	16.8	16.5	20.34167	20.42079	20.28225	1.19296	1.39999	0.99999	13.49393	0.0346	13.485	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
16.60338	16.8	16.5	20.34167	20.42079	20.28225	1.19296	1.39999	0.99999	13.57735	0	13.56805	2.2E+08
16.66255	16.9	16.6	20.32607	20.39309	20.22684	1.28525	1.39999	0.99999	13.66078	0.00648	13.65139	2.2E+08
16.70097	16.9	16.6	20.32315	20.39309	20.22684	1.39942	1.59999	1.09999	13.74422	0.06914	13.735	2.2E+08
16.63363	16.8	16.6	20.3439	20.42079	20.28225	1.54278	1.59999	1.39999	13.82766	0	13.81833	2.2E+08
16.63363	16.8	16.6	20.3439	20.42079	20.28225	1.54278	1.59999	1.19999	13.91111	0	13.90166	2.2E+08
16.89662	17	16.8	20.29207	20.36538	20.17142	1.42058	1.59999	1.19999	13.99455	0.02052	13.985	2.2E+08
16.89662	17	16.8	20.29207	20.36538	20.17142	1.42058	1.59999	1.19999	14.07799	0.03458	14.06805	2.2E+08
16.88346	17	16.6	20.29482	20.39309	20.14371	1.51654	1.79999	1.39999	14.16142	0.06918	14.15139	2.2E+08
16.79967	16.9	16.6	20.30718	20.42079	20.19913	1.63401	1.99999	1.49999	14.24486	0	14.235	2.2E+08
16.82934	16.9	16.6	20.32144	20.42079	20.19913	1.66093	1.69999	1.49999	14.32833	0.02052	14.31833	2.2E+08
16.8997	17	16.8	20.31875	20.42079	20.22684	1.6373	1.69999	1.49999	14.4118	0	14.40139	2.2E+08
16.92019	17	16.9	20.33648	20.42079	20.25455	1.66298	1.69999	1.59999	14.49527	0	14.48472	2.2E+08
16.88655	16.9	16.8	20.31116	20.42079	20.19913	1.71007	1.79999	1.59999	14.57874	0.01407	14.56805	2.2E+08
16.89663	17	16.8	20.26684	20.36538	20.17142	1.71652	1.79999	1.69999	14.66218	0.01407	14.65139	2.2E+08
16.88988	17	16.8	20.27723	20.36538	20.14371	1.75723	1.89999	1.69999	14.74565	0.04869	14.73472	2.2E+08
16.89664	16.9	16.8	20.28272	20.39309	20.17142	1.75048	1.79999	1.69999	14.82912	0	14.81805	2.2E+08
16.91046	17	16.8	20.30209	20.4485	20.17142	1.7734	1.79999	1.69999	14.91256	0	14.90139	2.2E+08
16.91009	17	16.8	20.32266	20.39309	20.19913	1.78654	1.89999	1.59999	14.99601	0	14.98472	2.2E+08
16.97645	17	16.9	20.2834	20.39309	20.17142	1.72693	1.89999	1.59999	15.07946	0.0487	15.06833	2.2E+08
16.97645	17	16.9	20.2834	20.39309	20.17142	1.72693	1.89999	1.59999	15.16291	0.03463	15.15139	2.2E+08
16.9973	17.1	16.9	20.28477	20.36538	20.17142	1.72289	1.89999	1.59999	15.24638	0.03462	15.23472	2.2E+08
17.09325	17.2	17	20.25671	20.36538	20.11601	1.63701	1.89999	1.49999	15.32983	0	15.31833	2.2E+08
17.09325	17.2	17	20.25671	20.36538	20.11601	1.63701	1.89999	1.49999	15.41328	0.0078	15.40139	2.2E+08
17.0564	17.2	17	20.2524	20.36538	20.17142	1.78085	1.99999	1.59999	15.49671	0.01411	15.485	2.2E+08
17.0564	17.2	17	20.2524	20.36538	20.17142	1.78085	1.99999	1.49999	15.58019	0.02051	15.56833	2.2E+08
17.11683	17.2	17	20.21701	20.33767	20.0883	1.75662	1.99999	1.49999	15.66363	0.02051	15.65139	2.2E+08
17.11313	17.2	17	20.22413	20.33767	20.11601	1.81756	1.99999	1.59999	15.74707	0.0205	15.73472	2.2E+08
17.14664	17.2	17.1	20.14851	20.25455	19.97746	1.80304	1.89999	1.49999	15.83051	0.05513	15.81805	2.2E+08
17.1202	17.2	17.1	20.12514	20.28225	19.94976	1.88316	1.99999	1.8	15.91394	0.02051	15.90139	2.2E+08
17.14294	17.2	17	20.02237	20.19913	19.92205	1.84364	1.99999	1.59999	15.99735	0.07566	15.98472	2.2E+08
17.14365	17.2	17	20.18871	20.30996	20.03288	1.86603	2.09999	1.59999	16.08077	0.02051	16.06805	2.2E+08
17.13357	17.2	17	20.31154	20.42079	20.22684	1.92011	2.09999	1.8	16.16418	0	16.15166	2.2E+08
17.13357	17.2	17	20.31154	20.42079	20.22684	1.92011	2.09999	1.8	16.24761	0.01411	16.23472	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.14663	17.2	17	20.33749	20.42079	20.22684	1.93658	2.19999	1.89999	16.33108	0.01411	16.31805	2.2E+08
17.11681	17.2	17	20.30253	20.36538	20.22684	1.98652	2.19999	1.89999	16.41443	0.02052	16.40138	2.2E+08
17.05641	17.1	17	20.29316	20.39309	20.19913	2.04022	2.09999	1.89999	16.49764	0.01411	16.48472	2.2E+08
17.12315	17.2	17	20.24751	20.36538	20.0883	1.97348	2.09999	1.89999	16.58084	0.0205	16.56833	2.2E+08
17.12315	17.2	17	20.24751	20.36538	20.0883	1.97348	2.09999	1.89999	16.66404	0.0078	16.65138	2.2E+08
17.03658	17.2	17	20.16456	20.28225	19.94976	2.06342	2.09999	1.89999	16.74725	0.02051	16.73472	2.2E+08
17.08322	17.2	17	20.07615	20.22684	19.86663	2.00704	2.09999	1.89999	16.83045	0.02052	16.81833	2.2E+08
17.06342	17.1	17	20.19218	20.30996	20.03288	2.02013	2.09999	1.89999	16.91365	0.0219	16.90138	2.2E+08
17.1067	17.2	17	20.14802	20.28225	19.97746	1.97652	2.09999	1.8	16.99685	0.03459	16.985	2.2E+08
17.15674	17.2	17.1	19.98534	20.17142	19.89434	1.93653	2.09999	1.8	17.08006	0.04867	17.06833	2.2E+08
17.15674	17.2	17.1	19.98534	20.17142	19.89434	1.93653	2.09999	1.8	17.16326	0.06142	17.15138	2.2E+08
17.20269	17.5	17.1	19.93385	20.06059	19.86663	1.89395	1.99999	1.49999	17.24647	0	17.235	2.2E+08
17.32983	17.5	17.2	19.92038	20.00517	19.83892	1.78996	1.99999	1.59999	17.32967	0.06148	17.31833	2.2E+08
17.32983	17.5	17.2	19.92038	20.00517	19.83892	1.78996	1.99999	1.59999	17.41287	0.02049	17.40138	2.2E+08
17.50972	17.6	17.4	19.88488	19.94976	19.81122	1.70671	1.79999	1.49999	17.49607	0.03464	17.485	2.2E+08
17.50972	17.6	17.4	19.88488	19.94976	19.81122	1.70671	1.79999	1.49999	17.57928	0.05512	17.56805	2.2E+08
17.57581	17.8	17.5	19.82799	19.94976	19.70038	1.71077	1.89999	1.49999	17.66248	0.05512	17.65138	2.2E+08
17.66677	17.8	17.6	19.89706	19.97746	19.81122	1.70035	1.99999	1.49999	17.74568	0.02048	17.735	2.2E+08
17.66677	17.8	17.6	19.89706	19.97746	19.81122	1.70035	1.99999	1.49999	17.82889	0	17.81805	2.2E+08
17.74702	17.8	17.6	19.8883	19.97746	19.78351	1.70932	1.99999	1.49999	17.91209	0	17.90138	2.2E+08
17.82279	18	17.7	19.78781	19.86663	19.72809	1.83694	1.99999	1.59999	17.99529	0.00623	17.985	2.2E+08
17.93694	18.1	17.8	19.7873	19.86663	19.70038	1.77311	1.99999	1.59999	18.0785	0.04894	18.06833	2.2E+08
18.01341	18.1	17.8	19.7634	19.83892	19.67268	1.7567	1.89999	1.59999	18.1617	0.01423	18.15166	2.2E+08
18.01341	18.1	17.8	19.7634	19.83892	19.67268	1.7567	1.89999	1.59999	18.2449	0	18.23472	2.2E+08
18.03964	18.2	17.8	19.76601	19.83892	19.70038	1.82375	2.09999	1.69999	18.32811	0	18.31805	2.2E+08
18.16644	18.2	18.1	19.72704	19.81122	19.58955	1.84291	1.99999	1.69999	18.41131	0	18.40166	2.2E+08
18.16644	18.2	18.1	19.72704	19.81122	19.58955	1.84291	2.19999	1.8	18.49451	0.02044	18.485	2.2E+08
18.15002	18.2	18	19.76713	19.86663	19.67268	2.0436	2.19999	1.8	18.57771	0.02206	18.56805	2.2E+08
18.1567	18.2	18.1	19.74726	19.83892	19.61726	2.14328	2.19999	2.09999	18.66092	0	18.65138	2.2E+08
18.13688	18.3	18	19.76123	19.83892	19.64497	2.19296	2.39999	1.99999	18.74412	0.05515	18.73472	2.2E+08
18.10628	18.3	18	19.75441	19.83892	19.64497	2.25712	2.19999	1.79999	18.82732	0	18.81805	2.2E+08
18.26377	18.6	18.2	19.7253	19.83892	19.58955	2.1295	2.19999	1.79999	18.91053	0.05514	18.90138	2.2E+08
18.22983	18.3	18.1	19.58808	19.67268	19.45101	2.17577	2.3	2.09999	18.99373	0.02043	18.985	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.22983	18.3	18.1	19.58808	19.67268	19.45101	2.22054	2.3	2.09999	19.07694	0.03475	19.06805	2.2E+08
18.48587	18.6	18.3	19.53835	19.70038	19.4233	2.04026	2.29999	1.89999	19.16016	0.06951	19.15166	2.2E+08
18.48587	18.6	18.3	19.53835	19.70038	19.4233	2.04026	2.29999	1.89999	19.24336	0.02041	19.23472	2.2E+08
18.47889	18.7	18.3	19.55955	19.67268	19.4233	2.08448	2.29999	1.8	19.32656	0.03475	19.31833	2.2E+08
18.47889	18.7	18.3	19.55955	19.67268	19.4233	2.08448	2.29999	1.8	19.40977	0.03478	19.40138	2.2E+08
18.48588	18.6	18.3	19.50305	19.58955	19.45101	2.11411	2.29999	1.99999	19.49297	0.06125	19.48472	2.2E+08
18.30567	18.6	18.2	19.51163	19.58955	19.4233	2.3715	2.69999	1.99999	19.57617	0	19.56833	2.2E+08
18.30567	18.6	18.2	19.51163	19.58955	19.4233	2.3715	2.69999	1.99999	19.65937	0.0204	19.65138	2.2E+08
18.47678	18.7	18.3	19.50603	19.61726	19.45101	2.28703	2.59999	1.89999	19.74258	0.03476	19.73472	2.2E+08
18.66674	18.8	18.6	19.53149	19.67268	19.4233	2.1769	2.29999	1.89999	19.82578	0.03478	19.81805	2.2E+08
18.69586	18.9	18.6	19.58131	19.72809	19.45101	2.2004	2.3	1.89999	19.90898	0	19.90138	2.2E+08
18.89064	19	18.7	19.56463	19.70038	19.47872	2.09257	2.49999	1.99999	19.99219	0.04916	19.985	2.2E+08
18.82623	19	18.7	19.59214	19.70038	19.47872	2.27368	2.49999	1.99999	20.07539	0.03478	20.06805	2.2E+08
18.85575	19.2	18.7	19.65027	19.7558	19.53414	2.4845	2.69999	2.19999	20.15859	0	20.15166	2.2E+08
18.85575	19.2	18.7	19.65027	19.7558	19.53414	2.4845	2.69999	2.19999	20.2418	0.04078	20.23472	2.2E+08
18.88619	19	18.7	19.6754	19.7558	19.58955	2.54027	2.69999	2.29999	20.325	0.02038	20.31805	2.2E+08
18.95302	19.2	18.8	19.64773	19.72809	19.53414	2.55035	2.99999	2.69999	20.4082	0.0348	20.40138	2.2E+08
18.77907	18.9	18.6	19.69417	19.81122	19.58955	2.81419	2.99999	2.69999	20.49141	0	20.48472	2.2E+08
18.8336	18.9	18.7	19.74738	19.83892	19.61726	2.86672	3.09999	2.69999	20.57461	0	20.56833	2.2E+08
18.8336	18.9	18.7	19.74738	19.83892	19.61726	2.86672	3.09999	2.69999	20.65782	0.06972	20.65138	2.2E+08
19.46061	19.6	19.2	19.77871	19.86663	19.70038	2.55244	2.89999	2.09999	20.74102	0.10455	20.735	2.2E+08
19.46061	19.6	19.2	19.77871	19.86663	19.70038	2.55244	2.89999	2.09999	20.82422	0.03487	20.81805	2.2E+08
19.30929	19.5	19.2	19.8261	19.92205	19.72809	2.83103	3.09999	2.59999	20.90742	0.01442	20.90138	2.2E+08
18.78622	18.9	18.7	19.79197	19.86663	19.72809	3.54406	3.69999	3.39999	20.99063	0.03478	20.985	2.2E+08
18.78622	18.9	18.7	19.79197	19.86663	19.72809	3.54406	3.69999	3.39999	21.07383	0.01259	21.06805	2.2E+08
19.27502	19.9	18.9	19.78415	19.83892	19.70038	2.84512	3.29999	2.19999	21.15704	0	21.15166	2.2E+08
19.27502	19.9	18.9	19.78415	19.83892	19.70038	2.84512	3.29999	2.19999	21.24024	0.03492	21.23472	2.2E+08
20.13734	20.5	19.9	19.77279	19.89434	19.61726	2.17608	2.49999	1.79999	21.32345	0.03492	21.31833	2.2E+08
19.69301	20	19.5	19.87044	20.0883	19.72809	2.87006	3.09999	2.39999	21.40665	0	21.40166	2.2E+08
19.69301	20	19.5	19.87044	20.0883	19.72809	2.87006	3.09999	2.39999	21.48986	0.09588	21.48472	2.2E+08
19.69144	20.1	19.5	19.92683	20.06059	19.7558	3.20477	3.49999	2.69999	21.57306	0.06098	21.56833	2.2E+08
19.69144	20.1	19.5	19.92683	20.06059	19.7558	3.20477	3.39999	1.99999	21.65627	0.03505	21.65166	2.2E+08
20.25134	21	19.6	19.96848	20.17142	19.78351	2.7285	3.39999	1.99999	21.73947	0.02019	21.73472	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
21.30613	21.7	21.1	19.90005	20.03288	19.81122	1.97722	2.19999	1.69999	21.82267	0.03509	21.81805	2.2E+08
21.27221	21.7	20.8	19.99031	20.17142	19.92205	2.66797	3.29999	2.19999	21.90587	0.03269	21.90166	2.2E+08
21.1035	21.3	20.7	20.04197	20.28225	19.92205	3.07699	3.39999	2.89999	21.98908	0.05531	21.985	2.2E+08
21.1035	21.3	20.7	20.04197	20.28225	19.92205	3.07699	3.39999	2.89999	22.07229	0.02339	22.06805	2.2E+08
20.63035	21.2	20	20.25467	20.30996	20.17142	3.9331	4.49999	3.39999	22.15549	0.0484	22.15166	2.2E+08
20.63035	21.2	20	20.25467	20.30996	20.17142	3.9331	4.49999	3.39999	22.2387	0.00558	22.23472	2.2E+08
20.76764	21.6	20.2	19.97052	20.19913	19.89434	3.24211	3.89999	2.39999	22.32191	0.02021	22.31833	2.2E+08
20.89075	21.6	20.2	19.97857	20.22684	19.83892	3.09582	3.8	2.39999	22.40511	0.04598	22.40166	2.2E+08
20.89075	21.6	20.2	19.97857	20.22684	19.83892	3.09582	3.8	2.39999	22.48832	0.01492	22.48472	2.2E+08
20.58093	21.3	20.1	20.11979	20.28225	19.94976	3.46272	4.09999	2.69999	22.57152	0.03268	22.56833	2.2E+08
20.58093	21.3	20.1	20.11979	20.28225	19.94976	3.46272	4.09999	2.69999	22.65473	0.03116	22.65138	2.2E+08
20.79533	21.1	20.5	20.04293	20.25455	19.92205	3.19086	3.8	2.49999	22.73793	0.06471	22.73472	2.2E+08
20.96968	21.4	20.2	20.00651	20.17142	19.89434	2.99675	3.8	2.49999	22.82113	0.00942	22.81805	2.2E+08
20.52342	21.2	20.1	20.20762	20.33767	19.94976	3.25699	3.79999	2.39999	22.90434	0.00537	22.90166	2.2E+08
20.52342	21.2	20.1	20.20762	20.33767	19.94976	3.25699	3.79999	2.39999	22.98754	0.04052	22.98472	2.2E+08
20.72571	21.3	20	20.21105	20.36538	19.97746	3.10407	3.89999	2.59999	23.07074	0.05531	23.06833	2.2E+08
20.72571	21.3	20	20.21105	20.36538	19.97746	3.10407	3.89999	2.59999	23.15397	0.00526	23.15138	2.2E+08
21.11225	21.6	20.5	20.173	20.28225	20.00517	2.66109	3.39999	1.99999	23.23717	0.09584	23.235	2.2E+08
21.11225	21.6	20.5	20.173	20.28225	20.00517	2.66109	3.09999	2.29999	23.32038	0.02022	23.31833	2.2E+08
21.17329	21.6	20.8	20.23504	20.33767	20.06059	2.72262	3.09999	2.29999	23.4036	0.0702	23.40138	2.2E+08
20.96128	21.3	20.5	20.30699	20.42079	20.19913	3.08946	3.59999	2.39999	23.48682	0.11612	23.485	2.2E+08
20.96128	21.3	20.5	20.30699	20.42079	20.19913	3.08946	3.59999	2.39999	23.57003	0.02554	23.56805	2.2E+08
21.04772	21.6	20.5	20.46223	20.61475	20.33767	3.02359	3.69999	2.39999	23.65327	0.15657	23.65138	2.2E+08
21.37862	22	21	20.48325	20.58704	20.33767	2.75732	3.39999	2.19999	23.73651	0.04046	23.735	2.2E+08
21.37862	22	21	20.48325	20.58704	20.33767	2.75732	4.49999	2.8	23.81972	0.06639	23.81833	2.2E+08
20.857	21.3	20.2	20.46718	20.61475	20.33767	3.26515	3.99999	2.69999	23.90297	0.12157	23.90166	2.2E+08
20.857	21.3	20.2	20.46718	20.61475	20.33767	3.26515	4.49999	2.79999	23.98618	0.0662	23.98472	2.2E+08
20.47046	21	20	20.36916	20.64246	20.22684	3.56436	3.79999	2.29999	24.00178	0	24	2.2E+08
20.68748	21.3	20	3.17784	20.33767	0	3.06472	3.79999	2.29999	24.00178	0	24	2.2E+08
21.23652	21.7	20.6	0	0	0	2.34667	2.99999	1.89999	24.00178	0	24	2.2E+08
20.81854	21.1	20.5	0	0	0	2.72143	2.99999	2.39999	24.00178	0	24	2.2E+08
20.81854	21.1	20.5	0	0	0	2.72143	2.49999	2.19999	24.00178	0	24	2.2E+08
21.17345	21.3	21	0	0	0	2.34335	2.49999	2.19999	24.00178	0	24	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
21.55427	21.8	21.2	0	0	0	1.95904	2.19999	1.69999	24.00178	0	24	2.2E+08
21.55427	21.8	21.2	0	0	0	1.95904	2.19999	1.69999	24.00178	0	24	2.2E+08
21.19903	21.8	20.6	0	0	0	2.38996	2.99999	1.69999	24.00178	0	24	2.2E+08
21.15599	21.3	20.7	0	0	0	2.5266	3.19999	2.29999	24.00178	0	24	2.2E+08
20.59401	21	20.2	0	0	0	3.16058	3.69999	2.59999	24.00178	0	24	2.2E+08
20.94005	21.2	20.7	0	0	0	2.68678	2.99999	2.39999	24.00178	0	24	2.2E+08
20.47653	21.3	19.9	0	0	0	3.13692	3.89999	2.29999	24.00178	0	24	2.2E+08
20.48154	20.7	20.1	0	0	0	3.00181	3.49999	2.79999	24.00178	0	24	2.2E+08
20.65988	21	20.5	0	0	0	2.75644	2.89999	2.39999	24.00178	0	24	2.2E+08
20.8031	21.1	20.6	0	0	0	2.59401	2.89999	2.19999	24.00178	0	24	2.2E+08
20.3598	21	19.6	0	0	0	3.00032	3.69999	2.39999	24.00178	0	24	2.2E+08
20.19255	20.5	19.9	0	0	0	2.96746	3.39999	2.49999	24.00178	0	24	2.2E+08
20.22924	20.5	19.9	0	0	0	2.78082	3.29999	2.49999	24.00178	0	24	2.2E+08
20.0214	20.2	19.6	0	0	0	2.97525	3.39999	2.99999	24.00178	0	24	2.2E+08
19.81667	20	19.6	0	0	0	3.15315	3.39999	2.99999	0.06742	0.03504	0.06805	2.2E+08
20.16072	20.5	19.6	9.90944	12.8288	0	2.75286	3.39999	2.39999	0.15081	0.05533	0.15138	2.2E+08
20.24603	20.5	20.1	12.86692	13.02276	12.69026	2.80336	3.09999	2.59999	0.2342	0.02261	0.235	2.2E+08
20.24603	20.5	20.1	12.86692	13.02276	12.69026	2.80336	3.09999	2.59999	0.31758	0.0147	0.31805	2.2E+08
20.23949	20.5	20	13.03944	13.10588	12.88422	2.99138	3.29999	2.49999	0.40097	0.03509	0.40166	2.2E+08
20.23949	20.5	20	13.03944	13.10588	12.88422	2.99138	3.29999	2.49999	0.48435	0.03509	0.48472	2.2E+08
20.70253	21	20.5	12.93475	13.10588	12.77338	2.5941	2.79999	2.29999	0.56772	0.03513	0.56833	2.2E+08
20.70253	21	20.5	12.93475	13.10588	12.77338	2.5941	2.79999	2.29999	0.65109	0	0.65138	2.2E+08
20.92001	21.2	20.7	12.90703	13.05046	12.80109	2.41648	2.69999	2.09999	0.73447	0.02026	0.73472	2.2E+08
20.99441	21.2	20.7	12.93291	13.07817	12.8288	2.39214	3.19999	2.69999	0.81784	0.02727	0.81805	2.2E+08
20.52271	20.7	20.2	13.02743	13.10588	12.88422	2.86721	3.19999	2.69999	0.9012	0.03503	0.90138	2.2E+08
20.43117	20.6	20.1	12.99099	13.10588	12.88422	2.91922	3.19999	2.39999	0.98458	0	0.985	2.2E+08
20.35962	20.6	20.1	12.95408	13.07817	12.8288	2.73687	3.19999	2.39999	1.06796	0.01469	1.06805	2.2E+08
19.63978	20	19.5	13.0165	13.13359	12.88422	3.19103	3.39999	2.89999	1.15132	0	1.15166	2.2E+08
19.63978	20	19.5	13.0165	13.13359	12.88422	3.19103	3.39999	2.89999	1.23469	0	1.23472	2.2E+08
19.12016	19.3	18.9	13.03274	13.10588	12.93963	3.00327	3.19999	2.79999	1.31806	0	1.31833	2.2E+08
19.12016	19.3	18.9	13.03274	13.10588	12.93963	3.00327	3.19999	2.79999	1.40145	0.04936	1.40138	2.2E+08
18.93328	19.2	18.8	13.04522	13.13359	12.91192	2.65005	2.79999	2.39999	1.48483	0.02819	1.485	2.2E+08
18.79686	18.9	18.7	13.01453	13.10588	12.85651	2.55426	2.69999	2.29999	1.56821	0	1.56833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.79686	18.9	18.7	13.01453	13.10588	12.85651	2.55426	2.69999	2.29999	1.65159	0.0204	1.65138	2.2E+08
18.67309	18.7	18.6	13.00791	13.13359	12.88422	2.40357	2.49999	2.3	1.73495	0.02042	1.73472	2.2E+08
18.28994	18.4	18.2	13.02184	13.13359	12.91192	2.32336	2.59999	2.19999	1.81832	0.0348	1.81833	2.2E+08
18.28994	18.4	18.2	13.02184	13.13359	12.91192	2.32336	2.59999	2.19999	1.90169	0.03478	1.90138	2.2E+08
18.25345	18.3	18.2	13.03003	13.10588	12.88422	2.12323	2.19999	1.99999	1.98506	0.0491	1.98472	2.2E+08
18.05112	18.2	17.8	13.05754	13.13359	12.99505	1.93625	2.09999	1.79999	2.06843	0.04092	2.06833	2.2E+08
18.05112	18.2	17.8	13.05754	13.13359	12.99505	1.93625	2.09999	1.79999	2.15179	0	2.15138	2.2E+08
17.82688	18	17.8	13.06031	13.10588	13.02276	1.99676	2.09999	1.79999	2.23516	0.02047	2.235	2.2E+08
17.7597	17.8	17.6	13.06809	13.189	12.96734	1.9106	2.09999	1.79999	2.31852	0.01427	2.31805	2.2E+08
17.6437	17.8	17.6	13.07518	13.189	13.02276	1.85311	1.99999	1.59999	2.40188	0.03473	2.40138	2.2E+08
17.59043	17.7	17.5	13.08606	13.21671	12.99505	1.71292	1.79999	1.59999	2.48526	0	2.48472	2.2E+08
17.56724	17.6	17.5	13.1024	13.21671	13.02276	1.61284	1.8	1.39999	2.56866	0.04251	2.56833	2.2E+08
17.49454	17.6	17.2	13.11749	13.24442	12.99505	1.53538	1.8	1.39999	2.65204	0.0079	2.65138	2.2E+08
17.25646	17.5	17.2	13.13787	13.24442	13.02276	1.44689	1.49999	1.19999	2.73542	0	2.735	2.2E+08
17.25646	17.5	17.2	13.13787	13.24442	13.02276	1.44689	1.59999	1.39999	2.81877	0	2.81805	2.2E+08
17.17985	17.2	17.1	13.17876	13.24442	13.05046	1.45962	1.59999	1.39999	2.90213	0.02051	2.90138	2.2E+08
17.12655	17.2	17	13.17094	13.27213	13.02276	1.38409	1.59999	1.29999	2.98551	0.03466	2.985	2.2E+08
17.12655	17.2	17	13.17094	13.27213	13.02276	1.38409	1.59999	1.29999	3.0689	0.02051	3.06805	2.2E+08
17.14283	17.2	17.1	13.17125	13.24442	13.07817	1.20338	1.29999	0.99999	3.15229	0.04883	3.15166	2.2E+08
17.14283	17.2	17.1	13.17125	13.24442	13.07817	1.20338	1.29999	0.99999	3.23567	0.06934	3.235	2.2E+08
17.18038	17.2	17.1	13.12551	13.24442	13.02276	1.00954	1.09999	0.89999	3.31907	0	3.31833	2.2E+08
17.18038	17.2	17.1	13.12551	13.24442	13.02276	1.00954	1.09999	0.89999	3.40246	0	3.40138	2.2E+08
17.12655	17.2	17.1	13.07988	13.21671	12.99505	0.96355	1.09999	0.8	3.48584	0.02051	3.485	2.2E+08
17.12655	17.2	17.1	13.07988	13.21671	12.99505	0.96355	0.99999	0.59999	3.56921	0.03466	3.56805	2.2E+08
17.2393	17.5	17.1	12.87455	12.96734	12.71797	0.76406	0.89999	0.49999	3.65258	0.00782	3.65166	2.2E+08
17.25039	17.5	17.2	12.91742	13.02276	12.8288	0.73951	0.89999	0.49999	3.73597	0	3.735	2.2E+08
17.25039	17.5	17.2	12.91742	13.02276	12.8288	0.73951	0.89999	0.49999	3.81932	0.03466	3.81805	2.2E+08
17.14673	17.2	17.1	12.9648	13.05046	12.85651	0.80056	0.89999	0.69999	3.90268	0.0488	3.90166	2.2E+08
17.14673	17.2	17.1	12.9648	13.05046	12.85651	0.80056	0.8	0.59999	3.98604	0	3.985	2.2E+08
17.18319	17.2	17.1	12.97534	13.05046	12.85651	0.68936	0.8	0.59999	4.06941	0.03462	4.06805	2.2E+08
17.09681	17.2	17	12.98444	13.10588	12.8288	0.75023	0.89999	0.69999	4.15278	0.03465	4.15166	2.2E+08
17.00638	17.1	16.9	13.05159	13.13359	12.96734	0.81681	0.89999	0.69999	4.23614	0	4.23472	2.2E+08
16.99664	17.1	16.9	13.04218	13.189	12.93963	0.78992	0.89999	0.59999	4.31949	0.03463	4.31805	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.94672	17	16.9	13.0384	13.10588	12.96734	0.77253	0.89999	0.59999	4.40287	0.06923	4.40139	2.2E+08
16.90335	17	16.9	13.05278	13.13359	12.99505	0.74371	0.89999	0.69999	4.48623	0.03462	4.485	2.2E+08
16.87647	17	16.6	13.0797	13.189	12.99505	0.76318	0.99999	0.59999	4.5696	0	4.56833	2.2E+08
16.87647	17	16.6	13.0797	13.189	12.99505	0.76318	0.99999	0.59999	4.65297	0	4.65139	2.2E+08
16.89665	17	16.8	13.09355	13.24442	12.99505	0.68988	0.79999	0.59999	4.73633	0.04246	4.735	2.2E+08
16.89665	17	16.8	13.09355	13.24442	12.99505	0.68988	0.79999	0.59999	4.81968	0.0219	4.81805	2.2E+08
16.95293	17	16.9	13.11672	13.21671	12.99505	0.61344	0.69999	0.49999	4.90304	0	4.90166	2.2E+08
16.95663	17	16.9	13.14877	13.21671	13.07817	0.61703	0.69999	0.49999	4.9864	0.06923	4.985	2.2E+08
16.95663	17	16.9	13.14877	13.21671	13.07817	0.61703	0.69999	0.49999	5.06975	0.0141	5.06805	2.2E+08
16.94336	17	16.9	13.19025	13.24442	13.10588	0.57042	0.69999	0.39999	5.15311	0	5.15166	2.2E+08
16.95291	17	16.9	13.0582	13.21671	12.96734	0.54676	0.69999	0.39999	5.23646	0.01407	5.235	2.2E+08
16.95291	17	16.9	13.0582	13.21671	12.96734	0.54676	0.59999	0.39999	5.31982	0	5.31833	2.2E+08
16.9266	17	16.9	13.05737	13.16129	12.96734	0.53395	0.59999	0.49999	5.40317	0	5.40166	2.2E+08
16.89663	16.9	16.8	13.12846	13.21671	13.02276	0.55046	0.59999	0.49999	5.48652	0.06922	5.48472	2.2E+08
16.81985	16.9	16.6	13.17867	13.24442	13.07817	0.59025	0.79999	0.49999	5.56989	0.04108	5.56833	2.2E+08
16.66961	16.9	16.6	13.17655	13.27213	13.10588	0.73037	0.79999	0.49999	5.65327	0.03458	5.65166	2.2E+08
16.66961	16.9	16.6	13.17655	13.27213	13.10588	0.73037	0.79999	0.49999	5.73665	0.00622	5.73472	2.2E+08
16.63365	16.9	16.5	13.17752	13.27213	13.07817	0.75961	0.89999	0.49999	5.82002	0	5.81805	2.2E+08
16.55682	16.6	16.5	13.14545	13.24442	13.02276	0.82691	0.89999	0.69999	5.90339	0.03456	5.90139	2.2E+08
16.52994	16.6	16.5	13.19308	13.24442	13.13359	0.82724	0.89999	0.69999	5.98675	0.06911	5.98472	2.2E+08
16.51344	16.6	16.4	13.17362	13.24442	13.10588	0.83667	0.89999	0.69999	6.07011	0.02055	6.06805	2.2E+08
16.49662	16.5	16.4	13.19075	13.24442	13.13359	0.81347	0.89999	0.69999	6.15346	0.03457	6.15166	2.2E+08
16.49662	16.5	16.4	13.19075	13.24442	13.13359	0.81347	0.89999	0.69999	6.23682	0	6.23472	2.2E+08
16.49662	16.6	16.4	13.19481	13.27213	13.10588	0.8	0.89999	0.69999	6.32018	0	6.31833	2.2E+08
16.49327	16.6	16.4	13.20299	13.27213	13.13359	0.7871	0.89999	0.69999	6.40353	0.01399	6.40166	2.2E+08
16.49327	16.6	16.4	13.20299	13.27213	13.13359	0.7871	0.89999	0.69999	6.48689	0.01437	6.48472	2.2E+08
16.44398	16.5	16.3	13.19852	13.24442	13.16129	0.79881	0.99999	0.49999	6.57026	0	6.56805	2.2E+08
16.47401	16.5	16.4	13.19725	13.24442	13.13359	0.6269	0.89999	0.49999	6.65362	0.03456	6.65166	2.2E+08
16.47401	16.5	16.4	13.19725	13.24442	13.13359	0.6269	0.89999	0.49999	6.73698	0.04112	6.73472	2.2E+08
16.44432	16.5	16.3	13.20394	13.27213	13.10588	0.62294	0.89999	0.49999	6.82033	0.03456	6.81805	2.2E+08
16.45416	16.5	16.3	13.20913	13.27213	13.13359	0.56938	0.69999	0.39999	6.90369	0	6.90139	2.2E+08
16.56973	16.6	16.5	13.19808	13.24442	13.13359	0.41011	0.49999	0.29999	6.98705	0.05513	6.985	2.2E+08
16.56973	16.6	16.5	13.19808	13.24442	13.13359	0.41011	0.59999	0.29999	7.07041	0	7.06833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.50974	16.6	16.4	13.19882	13.27213	13.13359	0.4639	0.59999	0.29999	7.15376	0.03454	7.15139	2.2E+08
16.43312	16.5	16.3	13.19606	13.27213	13.13359	0.50627	0.69999	0.39999	7.23712	0.02056	7.235	2.2E+08
16.31647	16.5	16.2	13.19546	13.24442	13.13359	0.61045	0.8	0.39999	7.3205	0	7.31833	2.2E+08
16.25687	16.3	16.2	13.19798	13.24442	13.13359	0.61045	0.8	0.59999	7.40386	0	7.40166	2.2E+08
16.25687	16.3	16.2	13.19798	13.24442	13.13359	0.66332	0.8	0.59999	7.48721	0.03452	7.48472	2.2E+08
16.17313	16.2	16	13.20596	13.29984	13.13359	0.73361	0.89999	0.59999	7.57056	0.04235	7.56833	2.2E+08
16.17313	16.2	16	13.20596	13.29984	13.13359	0.73361	0.89999	0.59999	7.65391	0.03452	7.65139	2.2E+08
16.08411	16.2	15.9	13.20487	13.27213	13.10588	0.78954	0.89999	0.59999	7.73726	0.06903	7.735	2.2E+08
16.04975	16.2	15.9	13.20194	13.24442	13.13359	0.78698	0.89999	0.49999	7.82061	0	7.81833	2.2E+08
16.04975	16.2	15.9	13.20194	13.24442	13.13359	0.78698	0.89999	0.49999	7.90397	0	7.90139	2.2E+08
16.08895	16.2	15.9	13.20429	13.24442	13.13359	0.73092	0.99999	0.49999	7.98732	0	7.98472	2.2E+08
16.12047	16.2	16	13.19357	13.24442	13.13359	0.61316	0.89999	0.49999	8.07068	0.11016	8.06833	2.2E+08
16.12047	16.2	16	13.19357	13.24442	13.13359	0.61316	0.69999	0.49999	8.15404	0	8.15166	2.2E+08
16.10092	16.2	16	13.20012	13.27213	13.13359	0.61592	0.69999	0.49999	8.23745	0	8.23472	2.2E+08
16.26667	16.4	16.2	13.20122	13.24442	13.13359	0.43669	0.69999	0.29999	8.32093	0.02837	8.31833	2.2E+08
16.26667	16.4	16.2	13.20122	13.24442	13.13359	0.43669	0.69999	0.29999	8.40437	0	8.40139	2.2E+08
16.23975	16.3	16.2	13.27086	13.38296	13.13359	0.42046	0.49999	0.29999	8.48781	0	8.485	2.2E+08
16.28988	16.4	16.2	13.28381	13.38296	13.189	0.38079	0.49999	0.19999	8.57126	0.03454	8.56833	2.2E+08
16.28988	16.4	16.2	13.28381	13.38296	13.189	0.38079	0.49999	0.19999	8.65469	0.0551	8.65139	2.2E+08
16.30061	16.5	16.2	13.27883	13.38296	13.189	0.37244	0.49999	0.19999	8.73814	0	8.73472	2.2E+08
16.31717	16.5	16.2	13.22629	13.29984	13.16129	0.34951	0.49999	0.19999	8.82159	0	8.81833	2.2E+08
16.31717	16.5	16.2	13.22629	13.29984	13.16129	0.34951	0.49999	0.19999	8.90506	0	8.90139	2.2E+08
16.39296	16.5	16.3	13.24779	13.32755	13.13359	0.25415	0.39999	0.09999	8.98851	0.02056	8.985	2.2E+08
16.4535	16.5	16.3	13.21711	13.29984	13.10588	0.22329	0.39999	0.09999	9.07198	0.02056	9.06833	2.2E+08
16.4535	16.5	16.3	13.21711	13.29984	13.10588	0.22329	0.39999	0.09999	9.15546	0	9.15166	2.2E+08
16.47308	16.5	16.3	13.21633	13.32755	13.10588	0.21011	0.39999	0.09999	9.23893	0.02056	9.23472	2.2E+08
16.43945	16.5	16.3	13.24952	13.35525	13.16129	0.25046	0.59999	0.19999	9.32238	0.05509	9.31805	2.2E+08
16.37681	16.5	16.2	13.26242	13.41067	13.16129	0.33665	0.59999	0.19999	9.40581	0.02056	9.40139	2.2E+08
16.26394	16.3	16.2	13.3561	13.41067	13.29984	0.45623	0.69999	0.39999	9.48925	0	9.485	2.2E+08
16.26394	16.3	16.2	13.3561	13.41067	13.29984	0.45623	0.69999	0.39999	9.57268	0.02056	9.56805	2.2E+08
16.2061	16.3	16	13.33973	13.41067	13.21671	0.52383	0.79999	0.39999	9.65613	0.05509	9.65166	2.2E+08
16.15626	16.3	15.9	13.27439	13.38296	13.16129	0.54709	0.79999	0.39999	9.73958	0.10358	9.735	2.2E+08
16.15626	16.3	15.9	13.27439	13.38296	13.16129	0.54709	0.89999	0.49999	9.82301	0.03448	9.81833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
15.93492	16.2	15.7	13.33212	13.41067	13.21671	0.75559	0.89999	0.49999	9.90645	0.03448	9.90139	2.2E+08
15.75381	15.9	15.7	13.36577	13.43838	13.29984	0.87275	0.99999	0.69999	9.98989	0	9.985	2.2E+08
15.6939	15.7	15.6	13.36067	13.41067	13.29984	0.92256	0.99999	0.69999	10.07336	0	10.06833	2.2E+08
15.6939	15.7	15.6	13.36067	13.41067	13.29984	0.92256	0.99999	0.69999	10.15682	0	10.15139	2.2E+08
15.68321	15.7	15.6	13.36793	13.43838	13.29984	0.79426	0.99999	0.69999	10.24028	0	10.235	2.2E+08
15.68321	15.7	15.6	13.36793	13.43838	13.29984	0.79426	0.99999	0.69999	10.32378	0.00781	10.31805	2.2E+08
15.70336	15.8	15.7	13.37902	13.46609	13.32755	0.71012	0.89999	0.59999	10.40726	0	10.40139	2.2E+08
15.78078	15.9	15.7	13.39436	13.49379	13.29984	0.62257	0.89999	0.49999	10.49073	0.07569	10.485	2.2E+08
15.75688	15.9	15.7	13.406	13.54921	13.27213	0.63975	0.89999	0.39999	10.57418	0.01453	10.56833	2.2E+08
15.75688	15.9	15.7	13.406	13.54921	13.27213	0.63975	0.89999	0.39999	10.65763	0.03448	10.65139	2.2E+08
15.81248	15.9	15.7	13.40542	13.5215	13.32755	0.59424	0.89999	0.49999	10.74109	0.0345	10.73472	2.2E+08
16.0256	16.2	16	13.50788	13.63233	13.38296	0.53803	0.69999	0.39999	10.82454	0.00665	10.81833	2.2E+08
16.0256	16.2	16	13.50788	13.63233	13.38296	0.53803	0.69999	0.39999	10.90798	0	10.90139	2.2E+08
16.21284	16.3	16	13.55016	13.63233	13.46609	0.55993	0.69999	0.39999	10.99143	0.03456	10.985	2.2E+08
16.21284	16.3	16	13.55016	13.63233	13.46609	0.55993	0.69999	0.39999	11.07486	0.0551	11.06805	2.2E+08
16.3	16.3	16.3	13.57074	13.66004	13.46609	0.71484	0.99999	0.59999	11.1583	0	11.15166	2.2E+08
16.3	16.3	16.3	13.57074	13.66004	13.46609	0.71484	0.99999	0.59999	11.24177	0.03456	11.23472	2.2E+08
16.30001	16.4	16.2	13.53025	13.68775	13.43838	0.96227	1.09999	0.59999	11.32521	0.08971	11.31805	2.2E+08
16.31277	16.5	16.2	13.59692	13.68775	13.46609	1.02415	1.19999	0.89999	11.40865	0.00618	11.40139	2.2E+08
16.34211	16.5	16.3	13.66602	13.77087	13.57692	1.05486	1.19999	0.89999	11.49211	0.00657	11.48472	2.2E+08
16.41284	16.5	16.3	13.65473	13.74317	13.5215	1.13026	1.29999	0.99999	11.57559	0.04112	11.56805	2.2E+08
16.47114	16.5	16.3	13.68086	13.74317	13.54921	1.12214	1.29999	0.99999	11.65903	0	11.65139	2.2E+08
16.46779	16.5	16.3	13.70262	13.77087	13.63233	1.34564	1.49999	1.09999	11.74246	0.03458	11.735	2.2E+08
16.49597	16.6	16.4	13.72206	13.82629	13.63233	1.47051	1.59999	1.29999	11.8259	0.01403	11.81833	2.2E+08
16.49597	16.6	16.4	13.72206	13.82629	13.63233	1.47051	1.59999	1.29999	11.90938	0	11.90139	2.2E+08
16.50671	16.6	16.5	13.69528	13.74317	13.60462	1.55975	1.69999	1.49999	11.99281	0	11.985	2.2E+08
16.49664	16.6	16.4	13.69323	13.74317	13.63233	1.63623	1.79999	1.49999	12.07623	0	12.06833	2.2E+08
16.49664	16.6	16.4	13.69323	13.74317	13.63233	1.63623	1.79999	1.49999	12.15966	0.0346	12.15139	2.2E+08
16.50268	16.6	16.4	13.70523	13.79858	13.66004	1.66105	1.79999	1.49999	12.24309	0.03458	12.23472	2.2E+08
16.48659	16.5	16.4	13.70697	13.77087	13.63233	1.71005	1.89999	1.59999	12.32652	0	12.31805	2.2E+08
16.50333	16.6	16.4	13.69732	13.77087	13.60462	1.69331	1.79999	1.59999	12.40997	0.01402	12.40166	2.2E+08
16.50333	16.6	16.4	13.69732	13.77087	13.60462	1.69331	1.79999	1.39999	12.49344	0.04108	12.485	2.2E+08
16.58995	16.8	16.5	13.67451	13.77087	13.60462	1.61677	1.79999	1.39999	12.5769	0.03458	12.56805	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.72622	16.9	16.6	13.64158	13.71546	13.5215	1.51403	1.79999	1.29999	12.66036	0.02053	12.65166	2.2E+08
16.70411	16.9	16.6	13.61835	13.77087	13.49379	1.56968	1.79999	1.39999	12.74381	0.02677	12.735	2.2E+08
16.70411	16.9	16.6	13.61835	13.77087	13.49379	1.56968	1.79999	1.39999	12.82722	0.03458	12.81805	2.2E+08
16.59329	16.6	16.5	13.66635	13.74317	13.57692	1.71275	1.89999	1.59999	12.91067	0	12.90139	2.2E+08
16.80338	16.9	16.6	13.63492	13.74317	13.54921	1.52274	1.79999	1.29999	12.99413	0.05513	12.985	2.2E+08
16.80338	16.9	16.6	13.63492	13.74317	13.54921	1.52274	1.79999	1.29999	13.07759	0.03458	13.06805	2.2E+08
16.72422	16.9	16.6	13.69388	13.77087	13.63233	1.63687	1.79999	1.29999	13.16105	0.0078	13.15166	2.2E+08
16.80939	17	16.6	13.70467	13.77087	13.66004	1.55703	1.79999	1.29999	13.24454	0	13.23472	2.2E+08
16.85708	16.9	16.6	13.6408	13.74317	13.57692	1.54288	1.79999	1.29999	13.328	0.04865	13.31833	2.2E+08
16.85708	16.9	16.6	13.6408	13.74317	13.57692	1.54288	1.79999	1.29999	13.41147	0	13.40139	2.2E+08
16.82689	16.9	16.6	13.67416	13.74317	13.57692	1.57311	1.79999	1.49999	13.49494	0.04107	13.48472	2.2E+08
16.76444	16.9	16.6	13.67435	13.77087	13.57692	1.62884	1.79999	1.39999	13.57838	0.05512	13.56833	2.2E+08
16.76444	16.9	16.6	13.67435	13.77087	13.57692	1.62884	1.79999	1.29999	13.66182	0.04107	13.65139	2.2E+08
16.73759	16.9	16.6	13.64016	13.71546	13.5215	1.63887	1.79999	1.29999	13.74527	0.00757	13.73472	2.2E+08
16.85506	16.9	16.6	13.6183	13.74317	13.5215	1.53487	1.79999	1.29999	13.82869	0.04108	13.81805	2.2E+08
16.80266	16.9	16.6	13.65949	13.71546	13.54921	1.54362	1.79999	1.29999	13.91213	0.02052	13.90166	2.2E+08
16.80266	16.9	16.6	13.65949	13.71546	13.54921	1.54362	1.79999	1.29999	13.99561	0	13.98472	2.2E+08
16.6	16.8	16.5	13.69732	13.74317	13.63233	1.69253	1.89999	1.39999	14.0791	0	14.06805	2.2E+08
16.51007	16.6	16.4	13.6963	13.74317	13.63233	1.71205	1.89999	1.59999	14.16259	0	14.15166	2.2E+08
16.51007	16.6	16.4	13.6963	13.74317	13.63233	1.71205	1.89999	1.59999	14.24607	0.02056	14.23472	2.2E+08
16.48727	16.5	16.4	13.69026	13.77087	13.60462	1.69598	1.89999	1.49999	14.32956	0.04112	14.31805	2.2E+08
16.41079	16.5	16.3	13.69301	13.74317	13.63233	1.74557	1.89999	1.49999	14.41302	0.02795	14.40166	2.2E+08
16.41079	16.5	16.3	13.69301	13.74317	13.63233	1.74557	1.89999	1.49999	14.49646	0	14.48472	2.2E+08
16.38394	16.5	16.3	13.6909	13.77087	13.60462	1.71337	1.89999	1.49999	14.57989	0.014	14.56805	2.2E+08
16.48656	16.5	16.4	13.68949	13.74317	13.57692	1.51345	1.59999	1.39999	14.66334	0.03456	14.65166	2.2E+08
16.48921	16.6	16.4	13.68049	13.74317	13.57692	1.49471	1.59999	1.29999	14.7468	0.01399	14.735	2.2E+08
16.51675	16.6	16.4	13.68247	13.74317	13.54921	1.4302	1.49999	1.19999	14.83026	0.0691	14.81833	2.2E+08
16.56308	16.6	16.5	13.63206	13.74317	13.54921	1.3698	1.49999	1.19999	14.91371	0	14.90166	2.2E+08
16.56308	16.6	16.5	13.63206	13.74317	13.54921	1.3698	1.49999	1.19999	14.99714	0	14.98472	2.2E+08
16.91272	17	16.8	13.63597	13.74317	13.54921	1.08658	1.19999	0.99999	15.08061	0.02052	15.06833	2.2E+08
16.91272	17	16.8	13.63597	13.74317	13.54921	1.08658	1.19999	0.99999	15.16409	0	15.15139	2.2E+08
17.04756	17.4	16.9	13.61948	13.71546	13.5215	1.0618	1.19999	0.59999	15.24752	0.00779	15.235	2.2E+08
17.38588	17.6	17.2	13.61642	13.71546	13.49379	0.87311	1.19999	0.59999	15.33095	0.01427	15.31805	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.14363	18.2	18	13.48352	13.60462	13.38296	0.51607	0.69999	0.39999	15.41436	0.02043	15.40166	2.2E+08
18.14363	18.2	18	13.48352	13.60462	13.38296	0.51607	0.69999	0.39999	15.49782	0.0638	15.48472	2.2E+08
19.10857	19.3	18.9	13.39939	13.49379	13.29984	0.33019	0.59999	0	15.58125	0	15.56833	2.2E+08
19.10857	19.3	18.9	13.39939	13.49379	13.29984	0.33019	0.59999	0	15.66471	0.03486	15.65139	2.2E+08
19.03146	19.3	18.8	13.51385	13.60462	13.38296	1.12416	1.39999	0.89999	15.74815	0	15.735	2.2E+08
19.45425	19.8	19.3	13.48658	13.60462	13.35525	1.01819	1.19999	0.79999	15.8316	0.04065	15.81833	2.2E+08
19.45425	19.8	19.3	13.48658	13.60462	13.35525	1.01819	1.19999	0.79999	15.91504	0.0698	15.90139	2.2E+08
19.36565	19.8	19.2	13.51202	13.63233	13.41067	1.46653	1.69999	0.79999	15.99848	0.03481	15.98472	2.2E+08
18.70666	18.9	18.6	13.49428	13.63233	13.38296	2.6658	2.89999	2.39999	16.08193	0.02218	16.06833	2.2E+08
18.70666	18.9	18.6	13.49428	13.63233	13.38296	2.6658	2.89999	2.39999	16.16538	0.0348	16.15138	2.2E+08
18.72539	18.9	18.6	13.46507	13.57692	13.38296	2.82685	2.99999	2.59999	16.24884	0.03478	16.23472	2.2E+08
18.75704	18.9	18.6	13.42315	13.49379	13.32755	2.8993	3.09999	2.69999	16.33229	0	16.31805	2.2E+08
18.2813	18.6	18	13.4182	13.49379	13.35525	3.36235	3.59999	3.09999	16.41563	0.03471	16.40166	2.2E+08
18.2813	18.6	18	13.4182	13.49379	13.35525	3.36235	3.59999	3.09999	16.49883	0	16.48472	2.2E+08
18.00335	18.1	17.8	13.3981	13.49379	13.27213	2.99999	3.09999	2.89999	16.58203	0.10412	16.56833	2.2E+08
18.00335	18.1	17.8	13.3981	13.49379	13.27213	2.99999	3.09999	2.89999	16.66524	0.03473	16.65138	2.2E+08
18.07649	18.2	18	13.40165	13.46609	13.32755	2.87052	2.99999	2.69999	16.74844	0	16.73472	2.2E+08
18.2422	18.4	18	13.38426	13.46609	13.27213	2.64434	2.89999	2.39999	16.83164	0.01431	16.81833	2.2E+08
18.2422	18.4	18	13.38426	13.46609	13.27213	2.64434	2.89999	2.39999	16.91485	0	16.90138	2.2E+08
18.72007	18.9	18.6	13.37135	13.46609	13.27213	2.1598	2.29999	1.89999	16.99805	0.01441	16.985	2.2E+08
18.72007	18.9	18.6	13.37135	13.46609	13.27213	2.1598	2.29999	1.89999	17.08125	0	17.06805	2.2E+08
19.44954	19.8	19.3	13.25439	13.32755	13.189	1.60601	1.89999	1.19999	17.16446	0.09011	17.15166	2.2E+08
19.44954	19.8	19.3	13.25439	13.32755	13.189	1.60601	1.89999	1.19999	17.24766	0.06992	17.23472	2.2E+08
20.48959	21	20.1	13.27204	13.43838	13.16129	1.08614	1.39999	0.69999	17.33087	0.01476	17.31833	2.2E+08
20.48959	21	20.1	13.27204	13.43838	13.16129	1.08614	1.39999	0.69999	17.41407	0.02027	17.40138	2.2E+08
20.78791	21	20.5	13.28429	13.41067	13.189	1.18644	1.99999	1.19999	17.49727	0.06075	17.485	2.2E+08
20.96188	21.2	20.6	13.28419	13.41067	13.189	1.45932	1.99999	1.19999	17.58048	0.05536	17.56805	2.2E+08
21.80339	21.9	21.7	13.27358	13.35525	13.21671	1.54822	1.89999	1.09999	17.66368	0	17.65166	2.2E+08
21.80339	21.9	21.7	13.27358	13.35525	13.21671	1.54822	1.89999	1.09999	17.74688	0	17.73472	2.2E+08
20.09476	20.5	19.9	13.43377	13.49379	13.38296	3.89592	4.09999	3.49999	17.83009	0.04746	17.81833	2.2E+08
19.78512	20	19.6	13.4265	13.49379	13.35525	4.03988	4.39999	3.59999	17.9133	0.02031	17.90166	2.2E+08
19.78512	20	19.6	13.4265	13.49379	13.35525	4.03988	4.39999	3.59999	17.9965	0.02031	17.98472	2.2E+08
20.17745	20.6	19.9	13.33579	13.46609	13.21671	3.23263	3.59999	2.79999	18.0797	0.01475	18.06833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
20.17745	20.6	19.9	13.33579	13.46609	13.21671	3.23263	3.59999	2.79999	18.16291	0.02031	18.15138	2.2E+08
20.09925	20.2	20	13.34836	13.46609	13.24442	3.34107	3.49999	3.19999	18.24611	0.04744	18.235	2.2E+08
20.09925	20.2	20	13.34836	13.46609	13.24442	3.34107	3.49999	2.69999	18.32932	0.06084	18.31833	2.2E+08
20.21107	20.6	19.9	13.30521	13.43838	13.21671	3.1393	3.49999	2.69999	18.41252	0.00537	18.40138	2.2E+08
21.00725	21.6	20.5	13.2816	13.32755	13.21671	2.62141	3.29999	1.99999	18.49572	0.05531	18.485	2.2E+08
20.61266	21	20.4	13.27681	13.35525	13.21671	3.26719	3.49999	2.79999	18.57893	0.03501	18.56833	2.2E+08
20.47313	20.8	20.2	13.27743	13.35525	13.21671	3.35628	3.69999	3.09999	18.66213	0.0078	18.65166	2.2E+08
20.87488	21.2	20.5	13.2842	13.35525	13.21671	2.8512	3.29999	2.39999	18.74534	0.0702	18.735	2.2E+08
20.87488	21.2	20.5	13.2842	13.35525	13.21671	2.8512	3.29999	2.39999	18.82854	0.05527	18.81805	2.2E+08
20.67877	21.4	20.2	13.28169	13.32755	13.21671	3.18765	3.69999	2.39999	18.91175	0.02023	18.90138	2.2E+08
21.17557	21.6	21	13.28337	13.35525	13.21671	2.77736	2.99999	2.39999	18.99495	0.02021	18.985	2.2E+08
21.17557	21.6	21	13.28337	13.35525	13.21671	2.77736	2.99999	2.39999	19.07816	0.03515	19.06805	2.2E+08
21.16673	21.6	20.7	13.28164	13.32755	13.21671	3.11243	3.49999	2.79999	19.16137	0.10353	19.15166	2.2E+08
21.16673	21.6	20.7	13.28164	13.32755	13.21671	3.11243	3.49999	2.79999	19.24457	0.02018	19.23472	2.2E+08
22.20264	22.5	21.9	13.30153	13.43838	13.21671	2.3705	2.69999	2.09999	19.32777	0.03249	19.31833	2.2E+08
22.20264	22.5	21.9	13.30153	13.43838	13.21671	2.3705	2.69999	2.09999	19.41099	0.0078	19.40138	2.2E+08
21.70303	22.2	21.1	13.42733	13.54921	13.29984	2.99955	3.59999	2.39999	19.49419	0.07761	19.48472	2.2E+08
22.02673	22.3	21.6	13.42085	13.49379	13.27213	2.80865	3.39999	2.29999	19.57739	0.05276	19.56805	2.2E+08
22.27493	22.6	21.6	13.42946	13.49379	13.29984	2.71859	3.39999	2.19999	19.66061	0.06043	19.65166	2.2E+08
22.27493	22.6	21.6	13.42946	13.49379	13.29984	2.71859	3.39999	2.19999	19.74383	0.01513	19.73472	2.2E+08
21.4019	22.4	20.7	13.52953	13.63233	13.38296	3.77306	4.59999	2.79999	19.82707	0	19.81833	2.2E+08
21.4019	22.4	20.7	13.52953	13.63233	13.38296	3.77306	4.59999	2.79999	19.9103	0.05035	19.90138	2.2E+08
22.05057	22.5	21.2	13.45904	13.5215	13.38296	2.95932	3.39999	1.59999	19.99354	0.03013	19.98472	2.2E+08
22.39747	23	21.9	13.48625	13.60462	13.41067	2.74129	3.29999	2.09999	20.07677	0.0078	20.06833	2.2E+08
22.39747	23	21.9	13.48625	13.60462	13.41067	2.74129	3.29999	2.09999	20.15999	0.04022	20.15138	2.2E+08
22.55664	23.1	21.9	13.5393	13.71546	13.43838	2.59552	3.59999	1.59999	20.24321	0.01516	20.23472	2.2E+08
22.74763	23.2	22.2	13.5248	13.74317	13.41067	2.51542	3.39999	2.69999	20.32642	0.03029	20.31833	2.2E+08
22.23455	22.6	21.9	13.64574	13.74317	13.54921	3.07216	3.39999	2.69999	20.40963	0.04021	20.40138	2.2E+08
22.7732	23.5	22.3	13.67359	13.77087	13.54921	2.6141	3.29999	1.79999	20.49283	0.0508	20.485	2.2E+08
22.7732	23.5	22.3	13.67359	13.77087	13.54921	2.6141	3.29999	1.79999	20.57606	0.08065	20.56805	2.2E+08
22.3975	23.1	21.2	13.76617	13.8817	13.63233	3.07728	4.59999	1.59999	20.65932	0.08569	20.65166	2.2E+08
21.88094	22.6	21	13.78179	13.93712	13.71546	3.61478	4.79999	2.49999	20.74261	0.05499	20.735	2.2E+08
21.88094	22.6	21	13.78179	13.93712	13.71546	3.61478	4.79999	2.49999	20.82585	0.05543	20.81805	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
21.96049	22.9	21.2	13.77065	13.93712	13.68775	3.31933	3.69999	2.19999	20.90907	0.025	20.90138	2.2E+08
22.22798	22.9	21.6	13.75926	13.82629	13.66004	2.89551	2.49999	1.89999	20.99227	0.00484	20.985	2.2E+08
22.94114	23.2	22.6	13.73791	13.79858	13.63233	2.19916	2.69999	1.19999	21.07549	0.09565	21.06805	2.2E+08
23.20098	23.8	22.5	13.74087	13.82629	13.66004	2.0361	2.69999	1.19999	21.15872	0.02453	21.15138	2.2E+08
23.38088	24.3	21.9	13.84052	14.10337	13.71546	2.32	4.39999	0.49999	21.242	0.09887	21.235	2.2E+08
23.38088	24.3	21.9	13.84052	14.10337	13.71546	2.32	4.39999	0.49999	21.32531	0.47769	21.31805	2.2E+08
23.14712	24.3	21.9	13.89441	14.07566	13.74317	2.53322	4.89999	0.39999	21.40865	0.07474	21.40138	2.2E+08
22.98964	24.1	21.8	13.99266	14.10337	13.74317	2.80098	4.39999	0.49999	21.49199	0.0057	21.485	2.2E+08
22.98964	24.1	21.8	13.99266	14.10337	13.74317	2.80098	3.89999	0.49999	21.57529	0.02165	21.56833	2.2E+08
23.37577	24.3	22.3	13.98376	14.10337	13.82629	2.68045	4.69999	1.59999	21.65862	0.0557	21.65138	2.2E+08
22.93805	24	22.2	14.03516	14.13107	13.8817	2.83338	3.89999	1.79999	21.7419	0.1299	21.735	2.2E+08
22.93805	24	22.2	14.03516	14.13107	13.8817	2.83338	3.89999	1.79999	21.82518	0.03416	21.81805	2.2E+08
22.8943	24	21.8	14.0536	14.15878	13.8817	2.86784	4.29999	1.19999	21.90846	0.11605	21.90138	2.2E+08
22.55959	23.8	21.3	14.08798	14.2142	13.93712	3.07408	4.89999	1.79999	21.99176	0.04962	21.98472	2.2E+08
22.96047	24.3	21.7	14.05223	14.18649	13.79858	2.94642	4.89999	1.99999	22.07504	0.04795	22.06805	2.2E+08
22.50508	23.6	21.2	14.10038	14.24191	13.99254	3.47544	4.89999	1.99999	22.15837	0.06017	22.15138	2.2E+08
23.26311	24.3	21.9	14.04278	14.2142	13.8817	2.41117	3.99999	0.79999	22.24165	0.05229	22.23472	2.2E+08
24.02938	24.8	23.2	13.98514	14.13107	13.82629	1.68407	3.29999	0.29999	22.32487	0.0942	22.31805	2.2E+08
24.00821	25	23	14.05173	14.13107	13.90941	1.92213	3.29999	0.29999	22.40815	0.08015	22.40138	2.2E+08
23.35873	25.5	21.6	14.19443	14.46358	14.02025	3.0901	6.39999	1.19999	22.49148	0.13291	22.485	2.2E+08
23.35873	25.5	21.6	14.19443	14.46358	14.02025	3.0901	6.39999	1.19999	22.57483	0.17746	22.56805	2.2E+08
23.25772	24.7	21.6	14.15697	14.40816	13.93712	3.08187	5.79999	0.19999	22.65816	0.34308	22.65166	2.2E+08
23.25772	24.7	21.6	14.15697	14.40816	13.93712	3.08187	5.79999	0.19999	22.74153	0.21261	22.73472	2.2E+08
22.53682	24	20.6	14.17117	14.40816	14.02025	3.5816	6.29999	0.39999	22.82487	0.27673	22.81805	2.2E+08
21.62946	23.5	19.2	14.10918	14.29732	13.96483	4.41875	7.8	1.49999	22.90824	0.09146	22.90166	2.2E+08
21.48243	23	19.2	14.06595	14.26962	13.82629	3.88207	6.49999	1.29999	22.99153	0.0732	22.985	2.2E+08
21.48243	23	19.2	14.06595	14.26962	13.82629	3.88207	6.49999	1.29999	23.07481	0.06063	23.06805	2.2E+08
21.57146	22.2	21	13.98686	14.10337	13.8817	3.26216	4.09999	2.39999	23.15807	0.19673	23.15166	2.2E+08
21.57146	22.2	21	13.98686	14.10337	13.8817	3.26216	4.09999	2.39999	23.24139	0.15677	23.23472	2.2E+08
21.60491	23.1	19.9	13.95863	14.13107	13.79858	2.86128	5.09999	1.09999	23.32471	0.20919	23.31833	2.2E+08
21.60491	23.1	19.9	13.95863	14.13107	13.79858	2.86128	5.09999	1.09999	23.40802	0.34792	23.40138	2.2E+08
21.86639	22.8	19.6	13.92593	14.10337	13.74317	2.56813	4.09999	0.99999	23.49128	0.17934	23.48472	2.2E+08
21.48158	22.2	20.6	13.87972	14.15878	13.74317	2.81673	3.69999	1.8	23.57451	0.04045	23.56833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
21.48158	22.2	20.6	13.87972	14.15878	13.74317	2.81673	3.39999	2.79999	23.65771	0.01498	23.65138	2.2E+08
21.24372	21.4	21	13.86753	13.96483	13.77087	3.06553	3.39999	2.79999	23.74092	0.09062	23.73472	2.2E+08
20.67983	21.3	20.1	13.96882	14.07566	13.82629	3.42858	4.09999	2.69999	23.82414	0.0054	23.81833	2.2E+08
20.88915	21.1	20.5	13.98083	14.10337	13.85399	3.04107	3.59999	2.79999	23.90735	0	23.90166	2.2E+08
20.88915	21.1	20.5	13.98083	14.10337	13.85399	3.04107	3.09999	2.59999	23.99055	0.03519	23.985	2.2E+08
20.96017	21.2	20.7	2.1714	14.07566	0	2.82152	3.09999	2.59999	24.00614	0	23.99972	2.2E+08
20.96017	21.2	20.7	2.1714	14.07566	0	2.82152	3.09999	2.59999	24.00614	0	23.99972	2.2E+08
20.6706	21	20.5	0	0	0	3.12777	3.29999	2.89999	24.00614	0	23.99972	2.2E+08
20.46721	20.7	20.2	0	0	0	3.25046	3.49999	2.89999	24.00614	0	23.99972	2.2E+08
20.23359	20.5	20.1	0	0	0	3.25384	3.49999	2.89999	24.00614	0	23.99972	2.2E+08
20.16635	20.5	20.1	0	0	0	2.90428	3.19999	2.49999	24.00614	0	23.99972	2.2E+08
20.16635	20.5	20.1	0	0	0	2.90428	2.99999	2.59999	24.00614	0	23.99972	2.2E+08
20.18407	20.4	20.1	0	0	0	2.82937	2.99999	2.59999	24.00614	0	23.99972	2.2E+08
20.12689	20.4	20	0	0	0	2.87062	3.09999	2.59999	24.00614	0	23.99972	2.2E+08
19.46635	19.6	19.3	0	0	0	3.27666	3.59999	2.89999	24.00614	0	23.99972	2.2E+08
19.60424	19.9	19.5	0	0	0	2.86969	3.09999	2.49999	24.00614	0	23.99972	2.2E+08
19.5377	19.8	19.4	0	0	0	2.78247	2.99999	2.49999	24.00614	0	23.99972	2.2E+08
19.82267	19.9	19.6	0	0	0	2.39837	2.69999	2.19999	24.00614	0	23.99972	2.2E+08
19.82267	19.9	19.6	0	0	0	2.39837	2.69999	2.19999	24.00614	0	23.99972	2.2E+08
19.5522	19.8	19.3	0	0	0	2.55204	2.69999	2.19999	24.00614	0	23.99972	2.2E+08
19.21609	19.5	18.9	0	0	0	2.66637	2.99999	2.49999	24.00614	0	23.99972	2.2E+08
18.89663	19	18.7	0	0	0	2.66478	2.8	2.49999	24.00614	0	23.99972	2.2E+08
18.78405	18.9	18.7	0	0	0	2.58071	2.8	2.29999	24.00614	0	23.99972	2.2E+08
18.72017	18.9	18.7	0	0	0	2.46973	2.49999	2.29999	24.00614	0	23.99972	2.2E+08
18.6899	18.8	18.6	0	0	0	2.3547	2.49999	2.19999	24.00614	0	23.99972	2.2E+08
18.58655	18.7	18.3	0	0	0	2.35045	2.59999	2.19999	24.00614	0	23.99972	2.2E+08
18.36054	18.6	18.3	0	0	0	2.4513	2.59999	2.19999	24.00614	0	23.99972	2.2E+08
18.30335	18.4	18.2	0	0	0	2.28746	2.49999	2.09999	24.00614	0	23.99972	2.2E+08
18.27982	18.3	18.2	0	0	0	2.18318	2.3	2.09999	24.00614	0	23.99972	2.2E+08
18.26638	18.3	18.2	0	0	0	2.1076	2.19999	1.99999	24.00614	0	23.99972	2.2E+08
18.13027	18.2	18	0	0	0	1.96725	2.29999	1.79999	24.00614	0	23.99972	2.2E+08
18.16055	18.2	18	0	0	0	1.78653	1.89999	1.69999	24.00614	0	23.99972	2.2E+08
18.15964	18.2	18.1	0	0	0	1.7278	1.79999	1.59999	24.00614	0	23.99972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
18.15964	18.2	18.1	0	0	0	1.7278	1.79999	1.59999	24.00614	0	23.99972	2.2E+08
18.06054	18.2	18	0	0	0	1.71345	1.89999	1.59999	24.00614	0	23.99972	2.2E+08
17.97646	18.1	17.8	0	0	0	1.69416	1.89999	1.59999	24.00614	0	23.99972	2.2E+08
17.91011	18	17.8	4.99858	14.07566	0	1.492	1.79999	1.29999	0.03346	0	0.035	2.2E+08
17.83363	18	17.8	14.06083	14.15878	13.93712	1.29998	1.49999	1.09999	0.11684	0.03483	0.11833	2.2E+08
17.83363	18	17.8	14.06083	14.15878	13.93712	1.29998	1.49999	1.09999	0.20021	0	0.20138	2.2E+08
17.82017	18	17.6	14.12667	14.24191	14.04795	1.15288	1.39999	0.79999	0.28358	0	0.28472	2.2E+08
17.80671	18	17.7	14.16526	14.26962	14.10337	0.95632	1.19999	0.69999	0.36694	0.03483	0.36805	2.2E+08
17.77398	17.8	17.6	14.34435	14.46358	14.26962	0.82354	0.99999	0.69999	0.4503	0.02046	0.45166	2.2E+08
17.77398	17.8	17.6	14.34435	14.46358	14.26962	0.82354	0.99999	0.69999	0.53368	0	0.535	2.2E+08
17.75294	17.8	17.6	14.41832	14.51899	14.32503	0.79753	0.99999	0.69999	0.61707	0.06959	0.61805	2.2E+08
17.72019	17.8	17.6	14.41116	14.51899	14.29732	0.75627	0.89999	0.59999	0.70045	0	0.70138	2.2E+08
17.55384	17.6	17.5	14.46298	14.51899	14.38045	0.85625	0.99999	0.79999	0.78382	0.02048	0.785	2.2E+08
17.55384	17.6	17.5	14.46298	14.51899	14.38045	0.85625	0.99999	0.79999	0.86721	0.03478	0.86805	2.2E+08
17.56972	17.7	17.5	14.49073	14.5744	14.40816	0.76485	0.89999	0.59999	0.9506	0.03478	0.95166	2.2E+08
17.56972	17.7	17.5	14.49073	14.5744	14.40816	0.76485	0.89999	0.59999	1.03399	0	1.03472	2.2E+08
17.54372	17.6	17.5	14.50134	14.60211	14.40816	0.68993	0.89999	0.59999	1.11737	0	1.11805	2.2E+08
17.48315	17.5	17.2	14.53379	14.62982	14.43587	0.7135	0.99999	0.49999	1.20076	0.06951	1.20166	2.2E+08
17.48315	17.5	17.2	14.53379	14.62982	14.43587	0.7135	0.79999	0.49999	1.28415	0	1.285	2.2E+08
17.49327	17.5	17.4	14.5333	14.62982	14.46358	0.68657	0.79999	0.49999	1.36753	0.03475	1.36805	2.2E+08
17.47308	17.5	17.2	14.53961	14.62982	14.46358	0.67309	0.99999	0.49999	1.45092	0.02048	1.45138	2.2E+08
17.44284	17.5	17.2	14.5985	14.68524	14.51899	0.61434	0.99999	0.49999	1.53431	0.03476	1.535	2.2E+08
17.43946	17.5	17.2	14.57603	14.65753	14.46358	0.61441	0.8	0.49999	1.61769	0.02049	1.61833	2.2E+08
17.43946	17.5	17.2	14.57603	14.65753	14.46358	0.61441	0.8	0.49999	1.70105	0	1.70138	2.2E+08
17.34468	17.5	17.2	14.59067	14.71295	14.46358	0.6865	0.99999	0.49999	1.78443	0.00799	1.78472	2.2E+08
17.23021	17.5	17.2	14.61611	14.68524	14.54669	0.76977	0.8	0.49999	1.86782	0.06944	1.86833	2.2E+08
17.27061	17.5	17.2	14.61662	14.71295	14.49128	0.71595	0.8	0.39999	1.95121	0.07729	1.95166	2.2E+08
17.23698	17.5	17.2	14.6024	14.68524	14.46358	0.75049	0.8	0.49999	2.03459	0.00799	2.035	2.2E+08
17.23698	17.5	17.2	14.6024	14.68524	14.46358	0.75049	0.8	0.49999	2.118	0	2.11805	2.2E+08
17.21345	17.4	17.2	14.63069	14.71295	14.51899	0.75721	0.8	0.59999	2.20139	0.05523	2.20138	2.2E+08
17.20671	17.4	17.1	14.59588	14.68524	14.49128	0.69421	0.8	0.49999	2.28477	0.08361	2.28472	2.2E+08
17.18655	17.2	17.1	14.52622	14.62982	14.43587	0.72449	0.89999	0.59999	2.36816	0.0205	2.36833	2.2E+08
17.14709	17.2	17.1	14.54083	14.62982	14.43587	0.73027	0.89999	0.59999	2.45153	0.01419	2.45138	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.14277	17.2	17.1	14.53129	14.60211	14.46358	0.67741	0.79999	0.59999	2.53491	0.03468	2.535	2.2E+08
17.14277	17.2	17.1	14.53129	14.60211	14.46358	0.67741	0.79999	0.59999	2.61827	0.01419	2.61805	2.2E+08
17.10336	17.2	17	14.57023	14.65753	14.43587	0.6596	0.79999	0.49999	2.70163	0.03468	2.70166	2.2E+08
17.10336	17.2	17	14.57023	14.65753	14.43587	0.6596	0.79999	0.49999	2.785	0	2.78472	2.2E+08
17.05718	17.1	17	14.53295	14.65753	14.43587	0.63703	0.79999	0.49999	2.8684	0.01416	2.86805	2.2E+08
17.03027	17.1	17	14.51394	14.62982	14.43587	0.67066	0.79999	0.49999	2.95181	0.03468	2.95138	2.2E+08
17.02017	17.1	17	14.51702	14.62982	14.43587	0.62841	0.79999	0.49999	3.03522	0	3.03472	2.2E+08
16.99421	17	16.9	14.52573	14.62982	14.43587	0.63272	0.79999	0.59999	3.1186	0	3.11805	2.2E+08
16.91346	17	16.9	14.594	14.68524	14.49128	0.67981	0.69999	0.59999	3.20197	0	3.20166	2.2E+08
16.91346	17	16.9	14.594	14.68524	14.49128	0.67981	0.69999	0.59999	3.28533	0	3.28472	2.2E+08
16.88319	16.9	16.8	14.59621	14.68524	14.49128	0.69754	0.79999	0.59999	3.36869	0.02053	3.36805	2.2E+08
16.85385	16.9	16.8	14.53889	14.62982	14.46358	0.7125	0.79999	0.59999	3.45206	0.02053	3.45138	2.2E+08
16.76491	16.9	16.6	14.63429	14.74065	14.49128	0.68459	0.89999	0.49999	3.53544	0.01413	3.535	2.2E+08
16.84275	16.9	16.6	14.62905	14.74065	14.51899	0.57071	0.79999	0.49999	3.6188	0.00769	3.61833	2.2E+08
16.82261	16.9	16.6	14.71296	14.79607	14.62982	0.57064	0.79999	0.39999	3.70217	0.00769	3.70166	2.2E+08
16.82261	16.9	16.6	14.71296	14.79607	14.62982	0.57064	0.79999	0.39999	3.78555	0.03466	3.78472	2.2E+08
16.80914	16.9	16.6	14.71573	14.79607	14.62982	0.57739	0.79999	0.39999	3.86893	0.00769	3.86805	2.2E+08
16.81247	16.9	16.6	14.7062	14.79607	14.60211	0.55724	0.79999	0.39999	3.95231	0.04107	3.95138	2.2E+08
16.79	16.9	16.6	14.75014	14.79607	14.68524	0.55037	0.79999	0.39999	4.03571	0.02822	4.03472	2.2E+08
16.65043	16.9	16.6	14.75884	14.82377	14.65753	0.6832	0.79999	0.39999	4.1191	0.06927	4.11805	2.2E+08
16.60334	16.8	16.5	14.76809	14.85148	14.71295	0.70577	0.79999	0.49999	4.20249	0.06927	4.20166	2.2E+08
16.60334	16.8	16.5	14.76809	14.85148	14.71295	0.70577	0.89999	0.69999	4.28586	0.01408	4.28472	2.2E+08
16.55387	16.6	16.5	14.77004	14.85148	14.68524	0.75957	0.89999	0.69999	4.36922	0.02055	4.36805	2.2E+08
16.51587	16.6	16.5	14.77731	14.87919	14.71295	0.78749	0.89999	0.69999	4.4526	0.01408	4.45166	2.2E+08
16.51587	16.6	16.5	14.77731	14.87919	14.71295	0.78749	0.89999	0.69999	4.53599	0.03459	4.53472	2.2E+08
16.4606	16.5	16.3	14.76864	14.82377	14.71295	0.82594	0.99999	0.59999	4.61938	0.03464	4.61833	2.2E+08
16.4606	16.5	16.3	14.76864	14.82377	14.71295	0.82594	0.99999	0.79999	4.70275	0	4.70138	2.2E+08
16.30671	16.4	16.3	14.77872	14.85148	14.71295	0.91011	0.99999	0.69999	4.78612	0.03458	4.785	2.2E+08
16.30671	16.4	16.3	14.77872	14.85148	14.71295	0.91011	0.99999	0.69999	4.86949	0	4.86805	2.2E+08
16.28316	16.3	16.2	14.79047	14.87919	14.71295	0.80774	1.09999	0.69999	4.95288	0.077	4.95166	2.2E+08
16.28316	16.3	16.2	14.79047	14.87919	14.71295	0.80774	0.99999	0.69999	5.03626	0.03458	5.035	2.2E+08
16.27642	16.3	16.2	14.77846	14.87919	14.68524	0.79423	0.99999	0.69999	5.11962	0.06918	5.11805	2.2E+08
16.23365	16.3	16.2	14.78433	14.87919	14.71295	0.76971	0.99999	0.69999	5.20299	0.06918	5.20166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
16.23365	16.3	16.2	14.78433	14.87919	14.71295	0.76971	0.99999	0.69999	5.28634	0.06257	5.28472	2.2E+08
16.17504	16.2	16	14.79021	14.87919	14.68524	0.81146	0.99999	0.69999	5.3697	0.04116	5.36833	2.2E+08
16.17504	16.2	16	14.79021	14.87919	14.68524	0.81146	0.99999	0.69999	5.45305	0	5.45166	2.2E+08
16.1731	16.2	16	14.81143	14.9069	14.74065	0.81776	0.99999	0.69999	5.53643	0.04116	5.53472	2.2E+08
16.16294	16.3	16	14.81982	14.9069	14.74065	0.82021	0.99999	0.69999	5.61981	0.03458	5.61805	2.2E+08
16.19326	16.3	16	14.83833	14.96232	14.74065	0.81008	1.09999	0.69999	5.70317	0.02676	5.70138	2.2E+08
16.19328	16.2	16	14.8655	14.96232	14.76836	0.83359	1.09999	0.69999	5.78653	0	5.78472	2.2E+08
16.1482	16.2	16	14.88313	14.93461	14.79607	0.94744	1.19999	0.8	5.8699	0.03456	5.86833	2.2E+08
16.1482	16.2	16	14.88313	14.93461	14.79607	0.94744	1.29999	0.8	5.95328	0.0066	5.95166	2.2E+08
16.12114	16.2	16	14.88537	14.96232	14.76836	0.95968	1.29999	0.8	6.03667	0	6.03472	2.2E+08
16.11924	16.2	16	14.89432	14.96232	14.79607	0.96151	1.29999	0.8	6.12005	0	6.11805	2.2E+08
16.11923	16.2	16	14.88448	14.93461	14.76836	1.02213	1.29999	0.8	6.20344	0.07573	6.20166	2.2E+08
16.13288	16.2	16	14.82472	14.93461	14.74065	0.98798	1.29999	0.8	6.28682	0	6.28472	2.2E+08
16.17319	16.2	16	14.79493	14.96232	14.71295	1.06208	1.29999	0.8	6.37017	0.03455	6.36805	2.2E+08
16.19329	16.2	16	14.80685	14.93461	14.71295	1.0899	1.29999	0.99999	6.45352	0	6.45138	2.2E+08
16.55038	16.8	16.4	14.8076	14.9069	14.71295	0.806	0.99999	0.59999	6.53688	0.04107	6.535	2.2E+08
16.73962	16.9	16.6	14.83223	14.93461	14.71295	0.69293	0.89999	0.49999	6.62025	0.00642	6.61833	2.2E+08
16.68781	16.9	16.6	14.84071	14.93461	14.76836	0.83801	0.99999	0.49999	6.70363	0	6.70166	2.2E+08
16.68781	16.9	16.6	14.84071	14.93461	14.76836	0.83801	0.99999	0.49999	6.787	0.03463	6.78472	2.2E+08
16.65363	16.8	16.6	14.87073	14.96232	14.76836	0.95642	1.19999	0.79999	6.8704	0.06286	6.86805	2.2E+08
16.62485	16.8	16.5	14.87436	14.96232	14.76836	1.1342	1.29999	0.99999	6.95377	0	6.95138	2.2E+08
16.64087	16.9	16.6	14.87794	14.96232	14.79607	1.25114	1.39999	0.89999	7.03712	0.00782	7.03472	2.2E+08
16.51578	16.6	16.3	14.88718	14.96232	14.79607	1.47078	1.69999	1.29999	7.12048	0.03461	7.11805	2.2E+08
16.45239	16.5	16.3	14.91795	14.99002	14.85148	1.56907	1.69999	1.49999	7.20383	0.03463	7.20138	2.2E+08
16.51007	16.6	16.5	15.01491	15.2394	14.87919	1.65637	1.69999	1.49999	7.28721	0.01407	7.285	2.2E+08
16.51007	16.6	16.5	15.01491	15.2394	14.87919	1.65637	1.69999	1.49999	7.37057	0	7.36805	2.2E+08
16.51342	16.6	16.5	15.03204	15.2394	14.87919	1.70338	1.89999	1.59999	7.45392	0.00642	7.45138	2.2E+08
16.84194	16.9	16.6	14.95346	15.10085	14.87919	1.45061	1.79999	1.29999	7.53728	0.03467	7.535	2.2E+08
16.84194	16.9	16.6	14.95346	15.10085	14.87919	1.45061	1.79999	1.29999	7.62064	0.04108	7.61805	2.2E+08
16.7416	16.9	16.6	15.04527	15.18398	14.87919	1.65203	1.79999	1.29999	7.70399	0.03465	7.70166	2.2E+08
16.7416	16.9	16.6	15.04527	15.18398	14.87919	1.65203	1.79999	1.29999	7.78734	0.00642	7.78472	2.2E+08
16.66366	16.9	16.5	15.13267	15.2394	14.96232	1.76652	1.89999	1.49999	7.87071	0.06931	7.86805	2.2E+08
16.63355	16.9	16.5	15.14568	15.29481	14.99002	1.86311	2.09999	1.59999	7.95406	0.02055	7.95166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.63355	16.9	16.5	15.14568	15.29481	14.99002	1.86311	2.09999	1.59999	8.03741	0	8.03472	2.2E+08
16.67179	16.9	16.5	15.16066	15.29481	14.96232	1.83826	1.99999	1.59999	8.12078	0.03465	8.11833	2.2E+08
16.5416	16.9	16.3	15.24049	15.35023	15.07315	2.0013	2.29999	1.59999	8.20416	0.03462	8.20166	2.2E+08
16.5416	16.9	16.3	15.24049	15.35023	15.07315	2.0013	2.29999	1.59999	8.2876	0.06918	8.28472	2.2E+08
16.36108	16.5	16.3	15.26925	15.37794	15.18398	2.18288	2.29999	1.99999	8.37106	0	8.36805	2.2E+08
16.3537	16.5	16.3	15.33507	15.40565	15.2671	2.16069	2.29999	1.89999	8.45456	0	8.45139	2.2E+08
16.52013	16.6	16.5	15.30089	15.37794	15.18398	1.94525	2.09999	1.79999	8.53803	0.01407	8.535	2.2E+08
16.52013	16.6	16.5	15.30089	15.37794	15.18398	1.94525	2.09999	1.79999	8.62147	0	8.61805	2.2E+08
16.61341	16.8	16.6	15.24795	15.37794	15.07315	1.86981	1.89999	1.59999	8.70494	0	8.70166	2.2E+08
16.61341	16.8	16.6	15.24795	15.37794	15.07315	1.86981	1.99999	1.69999	8.78838	0.03465	8.78472	2.2E+08
16.61675	16.8	16.5	15.21286	15.32252	15.12856	1.90107	1.99999	1.69999	8.87182	0.04108	8.86805	2.2E+08
16.70839	16.9	16.6	15.18836	15.35023	14.99002	1.86107	1.99999	1.59999	8.95524	0.04249	8.95166	2.2E+08
16.70839	16.9	16.6	15.18836	15.35023	14.99002	1.86107	1.99999	1.59999	9.03869	0.02052	9.03472	2.2E+08
16.92383	17	16.9	15.2005	15.37794	14.99002	1.67951	1.69999	1.59999	9.12211	0.03465	9.11833	2.2E+08
16.92383	17	16.9	15.2005	15.37794	14.99002	1.67951	1.69999	1.59999	9.20551	0.04878	9.20139	2.2E+08
16.87417	16.9	16.6	15.23396	15.37794	15.04544	1.7493	1.99999	1.69999	9.28892	0.0552	9.28472	2.2E+08
16.77855	16.9	16.6	15.30272	15.37794	15.21169	1.85766	2.09999	1.69999	9.37236	0.0757	9.36833	2.2E+08
16.70398	16.9	16.5	15.28671	15.37794	15.18398	1.9333	2.19999	1.69999	9.4558	0	9.45166	2.2E+08
16.51707	16.6	16.3	15.29886	15.37794	15.15627	2.12655	2.29999	1.99999	9.53929	0.02055	9.535	2.2E+08
16.51707	16.6	16.3	15.29886	15.37794	15.15627	2.12655	2.19999	1.99999	9.62275	0.0346	9.61805	2.2E+08
16.51679	16.6	16.5	15.27146	15.40565	15.15627	2.09329	2.19999	1.99999	9.70617	0.01404	9.70139	2.2E+08
16.57651	16.6	16.5	15.17399	15.2671	14.96232	2.01005	2.09999	1.89999	9.78961	0	9.785	2.2E+08
16.57651	16.6	16.5	15.17399	15.2671	14.96232	2.01005	2.09999	1.89999	9.87307	0	9.86805	2.2E+08
16.60673	16.8	16.6	15.23183	15.35023	15.10085	1.98759	1.99999	1.79999	9.95651	0.0282	9.95139	2.2E+08
16.62985	16.9	16.5	15.24029	15.32252	15.12856	1.95106	2.09999	1.69999	10.03996	0.03459	10.035	2.2E+08
16.62985	16.9	16.5	15.24029	15.32252	15.12856	1.95106	2.09999	1.69999	10.12341	0.07572	10.11805	2.2E+08
16.69399	16.9	16.6	15.30697	15.37794	15.15627	1.86982	1.99999	1.69999	10.20683	0.08347	10.20139	2.2E+08
16.97313	17.1	16.9	15.23175	15.32252	15.10085	1.6235	1.69999	1.49999	10.29024	0.04882	10.285	2.2E+08
16.90367	17	16.8	15.28187	15.37794	15.10085	1.69967	1.79999	1.59999	10.37366	0	10.36833	2.2E+08
16.90367	17	16.8	15.28187	15.37794	15.10085	1.69967	1.79999	1.59999	10.45711	0.03466	10.45139	2.2E+08
17.00001	17.1	16.9	15.26781	15.37794	15.18398	1.65603	1.69999	1.59999	10.54058	0	10.535	2.2E+08
17.00001	17.1	16.9	15.26781	15.37794	15.18398	1.65603	1.79999	1.59999	10.62407	0.02051	10.61805	2.2E+08
17.00335	17.1	16.9	15.27337	15.37794	15.15627	1.6664	1.79999	1.59999	10.70756	0	10.70139	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17	17	17	15.29078	15.35023	15.18398	1.69664	1.69999	1.59999	10.791	0.06935	10.78472	2.2E+08
17.05936	17.2	17	15.31759	15.40565	15.21169	1.63621	1.79999	1.49999	10.87443	0	10.86805	2.2E+08
17.04395	17.2	17	15.15605	15.35023	14.96232	1.71906	1.99999	1.49999	10.95788	0.04247	10.95139	2.2E+08
16.98763	17.1	16.9	15.15345	15.29481	14.96232	1.79893	2.09999	1.69999	11.04132	0.02051	11.03472	2.2E+08
17.01309	17.1	16.9	15.08077	15.2394	14.9069	1.88528	2.09999	1.69999	11.1248	0.02051	11.11805	2.2E+08
17.02349	17.1	17	15.02136	15.2671	14.93461	1.88153	1.99999	1.69999	11.20828	0.03466	11.20139	2.2E+08
17.03919	17.2	17	15.15586	15.2394	14.96232	1.93392	1.99999	1.69999	11.29171	0.03466	11.28472	2.2E+08
17.05941	17.1	17	15.26814	15.40565	15.10085	1.9204	2.09999	1.69999	11.37515	0.03468	11.36833	2.2E+08
17.05941	17.1	17	15.26814	15.40565	15.10085	1.9204	2.09999	1.69999	11.45859	0	11.45139	2.2E+08
17.00338	17.1	16.9	15.23808	15.32252	15.15627	1.99996	2.09999	1.89999	11.54206	0.02051	11.535	2.2E+08
17.00338	17.1	16.9	15.23808	15.32252	15.15627	1.99996	2.09999	1.89999	11.62553	0.02052	11.61805	2.2E+08
17.03216	17.2	16.9	15.21875	15.29481	15.12856	1.97453	2.09999	1.8	11.70902	0	11.70166	2.2E+08
17.05742	17.2	17	15.23357	15.29481	15.10085	1.93923	2.09999	1.69999	11.79249	0	11.785	2.2E+08
17.05742	17.2	17	15.23357	15.29481	15.10085	1.93923	2.09999	1.69999	11.87599	0.02051	11.86805	2.2E+08
17.07281	17.2	17	15.21618	15.32252	15.10085	1.92382	2.09999	1.79999	11.95945	0	11.95139	2.2E+08
17.06078	17.2	17	15.23827	15.37794	15.07315	1.93922	1.99999	1.8	12.04289	0.07571	12.03472	2.2E+08
17.06804	17.2	16.9	15.2916	15.37794	15.18398	1.94095	2.09999	1.8	12.12632	0.04884	12.11833	2.2E+08
17.06804	17.2	16.9	15.2916	15.37794	15.18398	1.94095	2.09999	1.69999	12.20975	0.03468	12.20166	2.2E+08
16.9933	17.1	16.9	15.25534	15.37794	15.12856	2.02911	2.19999	1.89999	12.29321	0	12.285	2.2E+08
16.9933	17.1	16.9	15.25534	15.37794	15.12856	2.02911	2.19999	1.89999	12.37671	0.02052	12.36805	2.2E+08
17.00443	17.1	16.9	15.20046	15.29481	15.10085	2.02612	2.09999	1.99999	12.46019	0.04735	12.45166	2.2E+08
16.98626	17	16.9	15.21749	15.32252	15.12856	2.03056	2.09999	1.99999	12.5436	0	12.53472	2.2E+08
17.00336	17.1	16.9	15.23859	15.37794	15.04544	2.01008	2.09999	1.89999	12.62702	0.01414	12.61805	2.2E+08
17.07984	17.2	17	15.09517	15.32252	14.93461	1.91682	1.99999	1.69999	12.71044	0.02051	12.70166	2.2E+08
17.07984	17.2	17	15.09517	15.32252	14.93461	1.91682	1.99999	1.69999	12.79389	0.04736	12.78472	2.2E+08
17.1571	17.2	17	15.10051	15.2671	14.93461	1.84961	1.99999	1.8	12.87731	0.08981	12.86805	2.2E+08
17.06414	17.2	17	14.92019	14.99002	14.85148	1.97613	2.09999	1.8	12.96074	0.03463	12.95166	2.2E+08
17.06414	17.2	17	14.92019	14.99002	14.85148	1.97613	2.09999	1.8	13.04418	0	13.03472	2.2E+08
17.28398	17.5	17.1	14.94183	15.04544	14.87919	1.80594	1.89999	1.49999	13.12762	0.01421	13.11833	2.2E+08
17.55264	17.7	17.5	14.91928	14.99002	14.85148	1.60331	1.79999	1.49999	13.21107	0.0347	13.20166	2.2E+08
17.55264	17.7	17.5	14.91928	14.99002	14.85148	1.60331	1.79999	1.49999	13.29449	0.02685	13.28472	2.2E+08
17.37588	17.8	17.2	14.93671	15.04544	14.85148	1.86669	2.09999	1.39999	13.37792	0.00791	13.36805	2.2E+08
17.2	17.2	17.2	14.9312	15.04544	14.85148	2.13693	2.19999	2.09999	13.46134	0.03466	13.45166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.2	17.2	17.2	14.9312	15.04544	14.85148	2.13693	2.19999	2.09999	13.5448	0.00786	13.53472	2.2E+08
17.34448	17.5	17.2	14.92538	15.01773	14.85148	2.04626	2.39999	1.79999	13.62824	0.03469	13.61805	2.2E+08
17.46305	17.6	17.2	14.92758	15.01773	14.82377	2.13629	2.39999	1.89999	13.71169	0.02049	13.70166	2.2E+08
17.46305	17.6	17.2	14.92758	15.01773	14.82377	2.13629	2.39999	1.89999	13.79513	0.03474	13.78472	2.2E+08
18.09856	18.2	17.8	14.80874	14.93461	14.74065	1.60111	1.89999	1.39999	13.87858	0	13.86833	2.2E+08
18.09856	18.2	17.8	14.80874	14.93461	14.74065	1.60111	1.89999	1.39999	13.96204	0.03477	13.95139	2.2E+08
18.23473	18.4	18.1	14.80091	14.87919	14.74065	1.58397	2.49999	1.79999	14.04549	0.03468	14.035	2.2E+08
17.83127	18.1	17.5	14.83798	14.96232	14.76836	2.08553	2.49999	1.79999	14.12893	0.03471	14.11805	2.2E+08
17.7493	18	17.6	14.88503	14.96232	14.79607	2.33584	2.69999	1.99999	14.21239	0.0347	14.20166	2.2E+08
17.7493	18	17.6	14.88503	14.96232	14.79607	2.33584	2.69999	1.99999	14.29584	0.0347	14.28472	2.2E+08
17.79328	17.8	17.7	14.79872	14.87919	14.71295	2.47983	2.59999	2.19999	14.37933	0	14.36833	2.2E+08
17.79328	17.8	17.7	14.79872	14.87919	14.71295	2.47983	2.49999	2.09999	14.46279	0.03475	14.45166	2.2E+08
18.11917	18.2	17.8	14.79989	14.87919	14.71295	2.2133	2.49999	2.09999	14.54623	0.01433	14.53472	2.2E+08
18.36048	18.6	18.2	14.80019	14.85148	14.74065	2.03951	2.19999	1.79999	14.62966	0	14.61833	2.2E+08
18.36048	18.6	18.2	14.80019	14.85148	14.74065	2.03951	2.19999	1.69999	14.71309	0.0348	14.70166	2.2E+08
18.53625	18.7	18.3	14.79812	14.85148	14.74065	1.91298	2.19999	1.69999	14.79653	0	14.78472	2.2E+08
18.62575	18.7	18.3	14.80286	14.85148	14.74065	2.16911	2.49999	1.99999	14.87998	0	14.86833	2.2E+08
18.65074	18.7	18.4	14.79184	14.85148	14.74065	2.28167	2.49999	2.19999	14.96344	0.0552	14.95166	2.2E+08
18.73889	18.9	18.6	14.80362	14.87919	14.74065	2.27341	2.49999	2.09999	15.0469	0.02038	15.035	2.2E+08
18.73889	18.9	18.6	14.80362	14.87919	14.74065	2.27341	2.49999	2.09999	15.13036	0.05522	15.11805	2.2E+08
18.7723	18.9	18.6	14.83977	14.93461	14.74065	2.52621	2.79999	2.29999	15.21385	0.00594	15.20166	2.2E+08
18.7723	18.9	18.6	14.83977	14.93461	14.74065	2.52621	2.79999	2.29999	15.2973	0.03486	15.28472	2.2E+08
18.83059	19	18.7	14.87024	14.99002	14.76836	2.76492	2.99999	2.49999	15.38072	0.03485	15.36833	2.2E+08
18.76523	18.9	18.6	14.90581	14.99002	14.76836	2.9146	3.09999	2.69999	15.46416	0.04932	15.45166	2.2E+08
18.76523	18.9	18.6	14.90581	14.99002	14.76836	2.9146	3.09999	2.69999	15.54759	0.01798	15.53472	2.2E+08
18.67829	18.9	18.6	14.92861	14.99002	14.85148	3.1426	3.39999	2.79999	15.63105	0.0204	15.61805	2.2E+08
18.62688	18.8	18.4	14.90427	15.01773	14.76836	3.34178	3.39999	3.19999	15.71451	0	15.70139	2.2E+08
18.86357	19.2	18.7	14.85255	14.99002	14.74065	2.97788	3.3	2.49999	15.79795	0.09006	15.785	2.2E+08
18.86357	19.2	18.7	14.85255	14.99002	14.74065	2.97788	3.3	2.49999	15.88142	0.00578	15.86805	2.2E+08
19.16837	19.5	18.7	14.90886	14.99002	14.79607	2.83721	3.19999	2.49999	15.96487	0.00781	15.95139	2.2E+08
19.39134	19.6	19.2	14.92117	14.99002	14.79607	2.72987	2.99999	2.49999	16.04832	0	16.03472	2.2E+08
20.45858	21.1	20	14.86742	14.96232	14.76836	2.24107	2.69999	1.59999	16.13179	0.02023	16.11833	2.2E+08
20.45858	21.1	20	14.86742	14.96232	14.76836	2.24107	2.69999	1.59999	16.21523	0	16.20139	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
20.89283	21.2	20.5	14.85328	15.04544	14.71295	2.15321	2.79999	1.59999	16.29867	0	16.28472	2.2E+08
20.51748	20.7	20.2	14.90838	15.01773	14.79607	2.9101	3.3	2.59999	16.38211	0.01486	16.36805	2.2E+08
20.46829	20.7	20.1	14.89299	15.04544	14.79607	3.47055	3.89999	3.09999	16.46531	0.0203	16.45166	2.2E+08
20.46829	20.7	20.1	14.89299	15.04544	14.79607	3.47055	3.89999	3.09999	16.54852	0.07	16.53472	2.2E+08
20.32388	20.6	20	14.90142	15.07315	14.76836	3.57644	3.99999	3.29999	16.63172	0.03499	16.61805	2.2E+08
19.99508	20.2	19.8	14.94604	15.12856	14.79607	3.66638	3.99999	3.39999	16.71492	0.06992	16.70139	2.2E+08
19.65032	20	19.3	15.08793	15.2671	14.87919	3.59973	3.99999	2.99999	16.79812	0.04282	16.785	2.2E+08
19.70962	19.9	19.6	15.02727	15.2394	14.93461	3.31168	3.59999	3.09999	16.88134	0	16.86833	2.2E+08
19.70962	19.9	19.6	15.02727	15.2394	14.93461	3.31168	3.59999	3.09999	16.96454	0.0203	16.95139	2.2E+08
19.77284	20.1	19.5	15.03991	15.21169	14.9069	3.14732	3.49999	2.79999	17.04775	0.02027	17.03472	2.2E+08
20.24318	20.6	20	15.043	15.2671	14.93461	2.70049	2.99999	2.29999	17.13095	0.06097	17.11805	2.2E+08
19.76894	20.1	19.5	15.27903	15.37794	15.21169	3.22214	3.49999	2.79999	17.21415	0.02031	17.20166	2.2E+08
19.76894	20.1	19.5	15.27903	15.37794	15.21169	3.22214	3.49999	2.79999	17.29736	0	17.28472	2.2E+08
19.94892	20.2	19.5	15.26966	15.32252	15.18398	3.0608	3.69999	2.79999	17.38056	0.05534	17.36805	2.2E+08
21.16322	21.6	20.6	15.23843	15.32252	15.10085	1.96436	2.39999	1.59999	17.46377	0.00978	17.45166	2.2E+08
21.16322	21.6	20.6	15.23843	15.32252	15.10085	1.96436	2.39999	1.59999	17.54697	0.01484	17.53472	2.2E+08
21.09861	21.8	20.5	15.24388	15.32252	14.96232	2.24056	2.89999	1.49999	17.63017	0	17.61805	2.2E+08
20.64319	21	20.4	15.36919	15.46106	15.2671	3.01719	3.19999	2.59999	17.71338	0	17.70166	2.2E+08
20.64319	21	20.4	15.36919	15.46106	15.2671	3.01719	3.19999	2.59999	17.79659	0.02987	17.78472	2.2E+08
20.77531	21.2	20.5	15.37112	15.48877	15.2671	2.97919	3.39999	2.39999	17.8798	0.02025	17.86833	2.2E+08
20.77531	21.2	20.5	15.37112	15.48877	15.2671	2.97919	3.39999	2.39999	17.963	0.03515	17.95139	2.2E+08
20.94102	21.6	20.6	15.41389	15.48877	15.35023	2.92872	3.29999	2.19999	18.04621	0.0554	18.035	2.2E+08
20.94102	21.6	20.6	15.41389	15.48877	15.35023	2.92872	3.29999	2.19999	18.12942	0	18.11805	2.2E+08
20.87427	21.4	20.6	15.44266	15.54418	15.37794	3.00557	2.89999	1.99999	18.21262	0.05545	18.20166	2.2E+08
21.58125	21.9	21	15.42474	15.51648	15.37794	2.31873	2.89999	1.99999	18.29582	0.05797	18.28472	2.2E+08
21.38293	21.9	20.8	15.45498	15.5996	15.37794	2.58311	2.99999	1.99999	18.37903	0	18.36805	2.2E+08
21.54484	22	21.1	15.4726	15.57189	15.37794	2.48875	2.99999	1.99999	18.46224	0.04038	18.45139	2.2E+08
21.76067	22.2	21.2	15.62505	15.76585	15.43335	2.47695	3.19999	1.99999	18.54544	0.005	18.535	2.2E+08
21.76067	22.2	21.2	15.62505	15.76585	15.43335	2.47695	3.19999	1.99999	18.62865	0.07053	18.61805	2.2E+08
22.23951	22.8	21.8	15.70177	15.76585	15.57189	2.19722	2.59999	1.59999	18.71186	0.1061	18.70166	2.2E+08
22.23951	22.8	21.8	15.70177	15.76585	15.57189	2.19722	2.59999	1.59999	18.79506	0.02516	18.78472	2.2E+08
22.199	22.6	21.7	15.77069	15.87668	15.68272	2.4391	2.99999	1.69999	18.87829	0.06575	18.86833	2.2E+08
22.199	22.6	21.7	15.77069	15.87668	15.68272	2.4391	2.99999	1.69999	18.96151	0.08133	18.95139	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
23.18648	23.6	22.5	15.78545	15.98751	15.68272	1.84991	2.39999	1.39999	19.04473	0.01837	19.035	2.2E+08
23.18648	23.6	22.5	15.78545	15.98751	15.68272	1.84991	2.39999	1.39999	19.12793	0.08522	19.11805	2.2E+08
23.19658	23.5	22.6	15.87054	16.01522	15.73814	2.00523	2.69999	1.49999	19.21119	0.07493	19.20139	2.2E+08
23.0347	24.2	21.7	15.98392	16.12605	15.84897	2.32492	4.49999	0.59999	19.29448	0.14899	19.285	2.2E+08
23.0347	24.2	21.7	15.98392	16.12605	15.84897	2.32492	4.19999	0.49999	19.37785	0.10026	19.36805	2.2E+08
23.40993	25.3	22.2	15.97803	16.07064	15.79356	2.40686	4.19999	0.49999	19.46113	0.01113	19.45139	2.2E+08
24.10818	25	22.9	15.94082	16.07064	15.79356	1.87299	2.99999	0.49999	19.54435	0.06006	19.53472	2.2E+08
24.27725	25.8	23.1	16.03921	16.20918	15.87668	1.89019	3.39999	0.49999	19.62763	0.12283	19.61833	2.2E+08
24.06922	26.6	22.5	16.08961	16.2923	15.90439	2.34509	4.69999	0.19999	19.71096	0.1268	19.70166	2.2E+08
24.06922	26.6	22.5	16.08961	16.2923	15.90439	2.34509	4.69999	0.19999	19.79426	0.19002	19.78472	2.2E+08
23.99631	25.6	22.8	16.10152	16.2923	15.9598	2.58389	4.39999	0.49999	19.87752	0.09121	19.86805	2.2E+08
23.43662	24.2	21.8	16.11029	16.34772	16.01522	3.40765	4.99999	2.3	19.96074	0.08	19.95139	2.2E+08
23.75175	24.6	23.2	16.0524	16.18147	15.98751	3.03071	3.8	2.19999	20.04397	0.05513	20.035	2.2E+08
23.14508	24.1	22.3	16.04693	16.15376	15.98751	3.57356	4.49999	2.69999	20.12718	0.06837	20.11805	2.2E+08
22.20074	22.8	21.7	16.02906	16.12605	15.90439	4.14092	4.8	3.09999	20.21039	0.111	20.20139	2.2E+08
21.74187	22.2	21.3	15.93604	16.07064	15.82126	4.0926	4.59999	2.59999	20.29372	0.11107	20.28472	2.2E+08
21.74633	23.1	20.6	15.83782	16.01522	15.68272	3.59799	4.99999	1.29999	20.37707	0.08627	20.36805	2.2E+08
21.45905	23.6	20	15.85165	16.04293	15.71043	3.44812	5.99999	0.79999	20.46041	0.11208	20.45139	2.2E+08
21.85081	23.5	19.6	15.80111	16.01522	15.65502	3.14369	4.79999	0.39999	20.54374	0.17864	20.53472	2.2E+08
21.94597	23.2	21.3	15.76171	15.9598	15.68272	2.8917	4.19999	1.89999	20.62703	0.03535	20.61833	2.2E+08
21.94597	23.2	21.3	15.76171	15.9598	15.68272	2.8917	3.49999	2.29999	20.71023	0.0202	20.70139	2.2E+08
21.90584	22.8	21.3	15.77136	15.87668	15.65502	2.90137	3.69999	1.79999	20.79346	0.11108	20.785	2.2E+08
22.25932	23.5	21	15.73871	15.87668	15.62731	2.38115	4.09999	0.19999	20.87673	0.35338	20.86833	2.2E+08
22.25932	23.5	21	15.73871	15.87668	15.62731	2.38115	4.09999	0.19999	20.96004	0.0605	20.95139	2.2E+08
22.09555	23.7	21	15.75585	15.84897	15.65502	2.61148	5.49999	1.29999	21.04333	0.12477	21.03472	2.2E+08
21.77653	22.9	20.4	15.76653	15.90439	15.68272	3.05738	5.49999	1.29999	21.12659	0.16164	21.11805	2.2E+08
21.59379	22.4	20.7	15.75639	15.87668	15.65502	2.94362	4.09999	2.99999	21.20979	0	21.20166	2.2E+08
21.10886	21.7	20.6	15.75734	15.87668	15.62731	3.5263	4.09999	2.99999	21.29301	0.11623	21.28472	2.2E+08
20.82009	21.2	20.1	15.69736	15.76585	15.57189	3.54995	4.59999	2.99999	21.37623	0.1795	21.36805	2.2E+08
20.47677	20.6	20.2	15.70426	15.79356	15.5996	3.41599	3.79999	3.09999	21.45943	0.03515	21.45166	2.2E+08
20.47677	20.6	20.2	15.70426	15.79356	15.5996	3.41599	3.29999	2.99999	21.54264	0.0819	21.53472	2.2E+08
20.50337	20.6	20.4	15.70022	15.76585	15.62731	3.11072	3.29999	2.99999	21.62584	0.0203	21.61805	2.2E+08
20.05541	20.2	19.9	15.72212	15.79356	15.65502	3.34246	3.49999	3.09999	21.70905	0	21.70166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
20.05541	20.2	19.9	15.72212	15.79356	15.65502	3.34246	3.49999	3.09999	21.79225	0.07018	21.78472	2.2E+08
20.02543	20.2	19.9	15.72682	15.82126	15.65502	2.99476	3.19999	2.8	21.87545	0	21.86833	2.2E+08
20.02543	20.2	19.9	15.72682	15.82126	15.65502	2.99476	3.19999	2.8	21.95865	0.03415	21.95166	2.2E+08
19.97278	20.1	19.9	15.72066	15.82126	15.65502	3.04406	3.29999	2.79999	22.04186	0	22.03472	2.2E+08
19.29884	19.8	19	15.74505	15.84897	15.62731	3.4737	3.59999	3.19999	22.12506	0.02714	22.11833	2.2E+08
18.96827	19.2	18.9	15.7735	15.9321	15.68272	3.4737	3.39999	2.99999	22.20826	0.02712	22.20166	2.2E+08
18.96827	19.2	18.9	15.7735	15.9321	15.68272	3.22875	3.39999	2.99999	22.29147	0.04075	22.28472	2.2E+08
19.08412	19.3	18.9	15.72574	15.79356	15.65502	2.51958	2.69999	2.29999	22.37467	0.03497	22.36833	2.2E+08
19.08412	19.3	18.9	15.72574	15.79356	15.65502	2.51958	2.69999	2.29999	22.45787	0	22.45139	2.2E+08
18.70461	18.9	18.6	15.84986	15.9321	15.73814	2.64743	2.8	2.49999	22.54108	0.00783	22.535	2.2E+08
18.70461	18.9	18.6	15.84986	15.9321	15.73814	2.64743	2.8	2.49999	22.62428	0	22.61805	2.2E+08
18.44567	18.6	18.3	15.84255	15.9321	15.76585	2.52014	2.79999	2.29999	22.70748	0.02043	22.70166	2.2E+08
18.44567	18.6	18.3	15.84255	15.9321	15.76585	2.52014	2.79999	2.29999	22.79069	0	22.78472	2.2E+08
18.1529	18.2	18	15.83632	15.90439	15.76585	2.35879	2.49999	2.19999	22.87389	0	22.86833	2.2E+08
18.1529	18.2	18	15.83632	15.90439	15.76585	2.35879	2.49999	2.19999	22.95709	0	22.95139	2.2E+08
17.98318	18.1	17.8	15.83845	15.90439	15.76585	2.19625	2.49999	1.89999	23.04029	0	23.035	2.2E+08
17.98318	18.1	17.8	15.83845	15.90439	15.76585	2.19625	2.49999	1.89999	23.1235	0	23.11805	2.2E+08
18.03276	18.2	17.8	15.84959	15.9598	15.76585	1.77226	2.09999	1.59999	23.2067	0	23.20166	2.2E+08
18.03734	18.1	18	15.8406	15.9598	15.73814	1.63576	1.69999	1.49999	23.2899	0.06968	23.285	2.2E+08
18.01346	18.1	17.8	15.84143	15.9321	15.76585	1.58682	1.79999	1.39999	23.37311	0.02702	23.36833	2.2E+08
18.01346	18.1	17.8	15.84143	15.9321	15.76585	1.58682	1.79999	1.39999	23.45631	0.02044	23.45139	2.2E+08
17.99665	18.1	17.8	15.83317	15.9321	15.76585	1.41744	1.59999	1.19999	23.53951	0	23.53472	2.2E+08
18.00339	18.1	17.8	15.82725	15.9321	15.73814	1.20155	1.49999	0.99999	23.62272	0	23.61833	2.2E+08
17.98991	18.1	17.8	15.82445	15.90439	15.76585	1.11347	1.29999	0.99999	23.70592	0	23.70166	2.2E+08
17.98991	18.1	17.8	15.82445	15.90439	15.76585	1.11347	1.09999	0.89999	23.78912	0.03484	23.78472	2.2E+08
18.02353	18.1	18	15.81576	15.87668	15.73814	1.01045	1.09999	0.89999	23.87233	0.10461	23.86805	2.2E+08
18.04919	18.1	17.8	15.81055	15.90439	15.73814	0.91716	0.99999	0.59999	23.95553	0.0144	23.95166	2.2E+08
18.11345	18.2	18	15.8156	15.9321	15.73814	0.81508	0.89999	0.59999	24.00456	0	23.99972	2.2E+08
18.07123	18.2	18	8.50571	15.87668	0	0.73378	0.99999	0.59999	24.00456	0	23.99972	2.2E+08
18.05625	18.2	18	0	0	0	0.79905	0.99999	0.59999	24.00456	0	23.99972	2.2E+08
17.93268	18	17.8	0	0	0	1.02624	1.19999	0.79999	24.00456	0	23.99972	2.2E+08
17.93268	18	17.8	0	0	0	1.02624	1.19999	0.79999	24.00456	0	23.99972	2.2E+08
17.95286	18.1	17.8	0	0	0	0.98992	1.19999	0.69999	24.00456	0	23.99972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.95289	18	17.8	0	0	0	0.97017	1.19999	0.69999	24.00456	0	23.99972	2.2E+08
17.90162	18	17.8	0	0	0	0.98967	1.19999	0.69999	24.00456	0	23.99972	2.2E+08
17.87147	18	17.8	0	0	0	0.91237	1.19999	0.69999	24.00456	0	23.99972	2.2E+08
17.91922	18	17.8	0	0	0	0.8101	1.19999	0.69999	24.00456	0	23.99972	2.2E+08
17.71574	18	17.6	0	0	0	0.97079	1.09999	0.69999	24.00456	0	23.99972	2.2E+08
17.71574	18	17.6	0	0	0	0.97079	1.09999	0.69999	24.00456	0	23.99972	2.2E+08
17.61476	17.8	17.5	0	0	0	0.99902	1.09999	0.89999	24.00456	0	23.99972	2.2E+08

Site ID	Unit S/N
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Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Data Log Data	
Channel No.		1
Source	D 12000	
Sampling Method	Event Bit	
Device	M 972	

SARTI3 PM10

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 08:36:29	0	0	0	749.9	749.9	749.9	28.45418	28.8	28.2
10/11/2016 08:41:29	3.95941	16.43688	0	762.0143	762.6	761.7	18.01381	19.6	17
10/11/2016 08:46:29	3.95941	16.43688	0	762.0143	762.6	761.7	18.01381	19.6	17
10/11/2016 08:51:29	2.72187	18.35403	0	762.6	762.6	762.6	19.6716	19.8	19.5
10/11/2016 08:56:29	0	0	0	762.6443	762.7	762.6	19.87047	20	19.8
10/11/2016 09:01:29	0	0	0	762.7081	762.8	762.7	19.98993	20	19.9
10/11/2016 09:06:29	0	0	0	762.7081	762.8	762.7	19.98993	20	19.9
10/11/2016 09:11:29	0	0	0	762.8101	762.9	762.8	20.08389	20.1	20
10/11/2016 09:16:29	0	0	0	762.8261	762.9	762.8	20.16038	20.4	20.1
10/11/2016 09:21:29	0	0	0	762.9	762.9	762.9	20.31407	20.4	20.1
10/11/2016 09:26:29	0	0	0	762.9	762.9	762.9	20.40334	20.5	20.4
10/11/2016 09:31:29	0	0	0	762.905	763	762.9	20.47048	20.6	20.4
10/11/2016 09:36:29	0	0	0	762.905	763	762.9	20.47048	20.6	20.4
10/11/2016 09:41:29	0	0	0	762.9919	763	762.9	20.53354	20.7	20.5
10/11/2016 09:46:29	0	0	0	763	763	763	20.76308	21	20.7
10/11/2016 09:51:29	0	0	0	763.0362	763.1	763	20.8906	21	20.7
10/11/2016 09:56:29	0	0	0	763.0362	763.1	763	20.8906	21	20.7
10/11/2016 10:01:29	0	0	0	763.1	763.1	763.1	21.02012	21.1	21
10/11/2016 10:06:29	0	0	0	763.1282	763.2	763.1	21.11005	21.3	21
10/11/2016 10:11:29	0	0	0	763.2	763.2	763.2	21.35637	21.4	21.3
10/11/2016 10:16:29	0	0	0	763.2	763.2	763.2	21.52414	21.7	21.4
10/11/2016 10:21:29	0	0	0	763.2	763.2	763.2	21.71005	21.8	21.6
10/11/2016 10:26:29	0	0	0	763.2	763.2	763.2	21.82078	21.9	21.7
10/11/2016 10:31:29	0	0	0	763.2	763.2	763.2	21.82078	21.9	21.7
10/11/2016 10:36:29	0	0	0	763.2	763.2	763.2	22.1711	22.3	22

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 10:41:28	0	0	0	763.2	763.2	763.2	22.1711	22.3	22
10/11/2016 10:46:29	0	0	0	763.2	763.2	763.2	22.3134	22.4	22.3
10/11/2016 10:51:29	0	0	0	763.2121	763.3	763.2	22.54095	22.6	22.4
10/11/2016 10:56:29	0	0	0	763.201	763.3	763.2	22.76773	22.9	22.6
10/11/2016 11:01:29	0	0	0	763.2866	763.3	763.2	22.87043	23	22.8
10/11/2016 11:06:29	0	0	0	763.2866	763.3	763.2	22.87043	23	22.8
10/11/2016 11:11:29	0	0	0	763.3	763.3	763.3	23.11003	23.4	23
10/11/2016 11:16:29	0	0	0	763.3212	763.5	763.3	23.28384	23.4	23.1
10/11/2016 11:21:29	0	0	0	763.3	763.3	763.3	23.42011	23.5	23.2
10/11/2016 11:26:29	0	0	0	763.3	763.3	763.3	23.42011	23.5	23.2
10/11/2016 11:31:29	0	0	0	763.3	763.3	763.3	23.56778	23.7	23.4
10/11/2016 11:36:29	0	0	0	763.3171	763.4	763.3	23.68723	23.7	23.6
10/11/2016 11:41:29	0	0	0	763.3745	763.5	763.3	23.84762	24	23.7
10/11/2016 11:46:29	0	0	0	763.4658	763.5	763.3	24.00131	24.1	23.8
10/11/2016 11:51:29	0	0	0	763.4577	763.5	763.4	24.05707	24.1	24
10/11/2016 11:56:29	0	0	0	763.5476	763.6	763.5	24.06307	24.1	24
10/11/2016 12:01:29	0	0	0	763.5476	763.6	763.5	24.06307	24.1	24
10/11/2016 12:06:29	0	0	0	763.4	763.4	763.4	24.03356	24.1	24
10/11/2016 12:11:29	0	0	0	763.3869	763.4	763.3	24.1	24.2	24
10/11/2016 12:16:29	0	0	0	763.3869	763.4	763.3	24.1	24.2	24
10/11/2016 12:21:29	0	0	0	763.3779	763.4	763.3	24.26647	24.3	24.1
10/11/2016 12:26:29	0	0	0	763.3779	763.4	763.3	24.26647	24.3	24.1
10/11/2016 12:31:29	0	0	0	763.3795	763.4	763.3	24.31674	24.4	24.3
10/11/2016 12:36:29	0	0	0	763.3986	763.4	763.3	24.31007	24.4	24.3
10/11/2016 12:41:29	0	0	0	763.3124	763.4	763.2	24.31007	24.4	24.3
10/11/2016 12:46:28	0	0	0	763.202	763.3	763.2	24.31002	24.4	24.3
10/11/2016 12:51:29	0	0	0	763.0929	763.1	763	24.51406	24.6	24.4
10/11/2016 12:56:29	0	0	0	763.0215	763.1	763	24.51406	24.6	24.4
10/11/2016 13:01:29	0	0	0	763.0215	763.1	763	24.6939	24.8	24.6
10/11/2016 13:06:28	0	0	0	763	763	763	24.81673	24.9	24.7
10/11/2016 13:11:28	0	0	0	763.0433	763.1	763	24.96373	25.2	24.9
10/11/2016 13:16:28	0	0	0	763.0919	763.1	763	25.23485	25.4	25
10/11/2016 13:21:29	0	0	0	763.1	763.1	763.1	25.70727	25.9	25.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 13:26:29	0	0	0	763.1	763.1	763.1	26.01673	26.1	25.9
10/11/2016 13:31:29	0	0	0	763.1	763.1	763.1	26.29118	26.5	26.1
10/11/2016 13:36:29	0	0	0	763.1	763.1	763.1	26.29118	26.5	26.1
10/11/2016 13:41:29	0	0	0	763.2	763.2	763.2	26.70671	26.8	26.6
10/11/2016 13:46:29	0	0	0	763.2	763.2	763.2	26.70671	26.8	26.6
10/11/2016 13:51:29	0	0	0	763.1417	763.2	763	26.65367	26.7	26.6
10/11/2016 13:56:29	0	0	0	763.0587	763.1	763	26.77716	27	26.6
10/11/2016 14:01:29	0	0	0	763.1	763.1	763.1	26.88732	27	26.8
10/11/2016 14:06:29	0	0	0	763.0003	763.1	762.9	26.82351	27	26.7
10/11/2016 14:11:29	0	0	0	763.0003	763.1	762.9	26.82351	27	26.7
10/11/2016 14:16:29	0	0	0	762.9808	763.1	762.9	26.95298	27	26.8
10/11/2016 14:21:29	0	0	0	762.9849	763	762.9	26.96321	27.1	26.8
10/11/2016 14:26:29	0	0	0	762.9825	763	762.9	26.99127	27.1	26.8
10/11/2016 14:31:29	0	0	0	762.9487	763	762.9	26.86246	27	26.7
10/11/2016 14:36:28	0	0	0	762.9487	763	762.9	26.86246	27	26.7
10/11/2016 14:41:29	0	0	0	762.902	763	762.9	26.69262	26.8	26.6
10/11/2016 14:46:28	0	0	0	762.902	763	762.9	26.5591	26.7	26.4
10/11/2016 14:51:29	0	0	0	762.8161	762.9	762.8	26.00276	26.1	25.8
10/11/2016 14:56:29	0	0	0	762.8	762.8	762.8	25.70215	25.9	25.5
10/11/2016 15:01:28	0	0	0	762.8	762.8	762.8	25.70215	25.9	25.5
10/11/2016 15:06:28	0	0	0	762.8352	762.9	762.8	25.42887	25.6	25.4
10/11/2016 15:11:28	0	0	0	762.7702	762.9	762.7	25.31679	25.4	25.3
10/11/2016 15:16:28	0	0	0	762.7	762.7	762.7	25.32678	25.4	25.3
10/11/2016 15:21:28	0	0	0	762.6799	762.7	762.6	25.50395	25.6	25.4
10/11/2016 15:26:28	0	0	0	762.6799	762.7	762.6	25.50395	25.6	25.4
10/11/2016 15:31:28	16.67798	16.70144	16.65829	762.6393	762.8	762.6	25.91532	26.1	25.6
10/11/2016 15:36:28	16.67798	16.70144	16.65829	762.6393	762.8	762.6	25.91532	26.1	25.6
10/11/2016 15:41:28	16.67733	16.68936	16.65541	762.6967	762.7	762.6	26.3483	26.5	26.1
10/11/2016 15:46:28	16.67576	16.69077	16.65968	762.7	762.7	762.7	26.5671	26.6	26.5
10/11/2016 15:51:28	16.67682	16.69498	16.66103	762.7	762.7	762.7	26.56985	26.6	26.5
10/11/2016 15:56:28	16.67567	16.69353	16.66174	762.7423	762.8	762.7	26.55631	26.6	26.5
10/11/2016 16:01:28	16.67385	16.69258	16.66156	762.788	762.8	762.7	26.52955	26.6	26.4
10/11/2016 16:06:29	16.67445	16.6891	16.65737	762.791	762.8	762.7	26.34304	26.4	26.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 16:11:28	16.67445	16.6891	16.65737	762.791	762.8	762.7	26.34304	26.4	26.1
10/11/2016 16:16:29	16.67385	16.70093	16.65023	762.7745	762.8	762.7	26.22222	26.4	26.1
10/11/2016 16:21:28	16.67385	16.70093	16.65023	762.7745	762.8	762.7	26.22222	26.4	26.1
10/11/2016 16:26:28	16.67518	16.69258	16.66303	762.801	762.9	762.8	26.11006	26.2	26
10/11/2016 16:31:28	16.67534	16.70322	16.65666	762.8362	762.9	762.8	26.0765	26.1	26
10/11/2016 16:36:28	16.67563	16.69407	16.65737	762.806	762.9	762.8	25.88324	26	25.6
10/11/2016 16:41:28	16.67563	16.69407	16.65737	762.806	762.9	762.8	25.88324	26	25.6
10/11/2016 16:46:28	16.67426	16.69109	16.65737	762.8	762.8	762.8	25.64368	25.8	25.5
10/11/2016 16:51:28	16.67459	16.69438	16.65922	762.7689	762.8	762.7	25.48265	25.6	25.3
10/11/2016 16:56:28	16.6746	16.69592	16.65608	762.6929	762.7	762.6	25.37588	25.5	25.3
10/11/2016 17:01:28	16.67189	16.69407	16.65264	762.5381	762.6	762.5	24.72517	25	24.4
10/11/2016 17:06:28	16.67189	16.69407	16.65264	762.5381	762.6	762.5	24.72517	25	24.4
10/11/2016 17:11:28	16.67282	16.69188	16.64539	762.5638	762.6	762.5	24.26128	24.6	24.1
10/11/2016 17:16:28	16.67519	16.68838	16.65483	762.5	762.5	762.5	23.91222	24.1	23.7
10/11/2016 17:21:28	16.67612	16.69407	16.65738	762.4537	762.5	762.4	23.61552	23.8	23.4
10/11/2016 17:26:28	16.6767	16.69872	16.6592	762.2652	762.4	762	23.38611	23.5	23.2
10/11/2016 17:31:28	16.67644	16.6911	16.67339	762.0989	762.1	762	23.10938	23.2	23
10/11/2016 17:36:28	16.67644	16.6911	16.67339	762.0989	762.1	762	23.10938	23.2	23
10/11/2016 17:41:28	16.67294	16.69745	16.65195	762.1744	762.3	762.1	23.08992	23.2	23
10/11/2016 17:46:28	16.67491	16.69583	16.65666	762.2	762.2	762.2	22.95242	23.1	22.8
10/11/2016 17:51:28	16.67561	16.70184	16.65255	762.1347	762.2	762	22.78655	22.9	22.6
10/11/2016 17:56:28	16.67348	16.69261	16.65314	762.0303	762.1	761.9	22.64248	22.8	22.5
10/11/2016 18:01:28	16.67505	16.69261	16.65314	761.9219	762.1	761.9	22.4833	22.6	22.4
10/11/2016 18:06:28	16.67335	16.6909	16.65399	762.1422	762.2	762.1	22.19619	22.3	22
10/11/2016 18:11:28	16.67511	16.69495	16.65421	762.2613	762.4	762.2	21.9337	22	21.8
10/11/2016 18:16:28	16.67511	16.69495	16.65421	762.2613	762.4	762.2	21.9337	22	21.8
10/11/2016 18:21:28	16.67598	16.69327	16.65439	762.2338	762.4	762.1	21.49272	21.7	21.4
10/11/2016 18:26:28	16.67598	16.69327	16.65439	762.2338	762.4	762.1	21.49272	21.7	21.4
10/11/2016 18:31:28	16.67488	16.69205	16.65454	762.218	762.4	762.1	21.17254	21.3	21.1
10/11/2016 18:36:28	16.67488	16.69205	16.65454	762.218	762.4	762.1	21.17254	21.3	21.1
10/11/2016 18:41:28	16.67238	16.69434	16.64698	762.2116	762.4	762.1	21.06651	21.2	21
10/11/2016 18:46:28	16.67687	16.69834	16.6572	762.1373	762.2	762.1	20.76851	21	20.7
10/11/2016 18:51:28	16.67687	16.69834	16.6572	762.1373	762.2	762.1	20.76851	21	20.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 18:56:28	16.67753	16.70008	16.6572	762.1326	762.2	762.1	20.55918	20.7	20.4
10/11/2016 19:01:28	16.67753	16.70008	16.6572	762.1326	762.2	762.1	20.55918	20.7	20.4
10/11/2016 19:06:28	16.67491	16.69658	16.65365	762.085	762.1	762	20.4766	20.6	20.4
10/11/2016 19:11:28	16.67724	16.69479	16.64928	762.0272	762.3	762	20.3993	20.5	20.2
10/11/2016 19:16:28	16.67661	16.69877	16.6458	762.038	762.3	762	20.31602	20.4	20.1
10/11/2016 19:21:28	16.67413	16.70233	16.65154	762.1751	762.3	762.1	20.13291	20.4	20.1
10/11/2016 19:26:28	16.67454	16.68906	16.65989	762.0568	762.1	762	19.98668	20.1	19.9
10/11/2016 19:31:28	16.67454	16.68906	16.65989	762.0568	762.1	762	19.98668	20.1	19.9
10/11/2016 19:36:28	16.67608	16.69658	16.65989	762.099	762.1	762	19.85982	20	19.8
10/11/2016 19:41:28	16.67462	16.70233	16.644	762.1664	762.2	762.1	19.80335	19.9	19.8
10/11/2016 19:46:28	16.67462	16.70233	16.644	762.1664	762.2	762.1	19.80335	19.9	19.8
10/11/2016 19:51:28	16.67415	16.69439	16.65154	762.2332	762.3	762.2	19.75995	19.8	19.6
10/11/2016 19:56:28	16.67446	16.69575	16.64935	762.3472	762.4	762.3	19.69245	19.8	19.6
10/11/2016 20:01:28	16.67554	16.70548	16.64935	762.4	762.4	762.4	19.63359	19.8	19.6
10/11/2016 20:06:28	16.67578	16.69754	16.65689	762.5	762.5	762.5	19.52621	19.6	19.4
10/11/2016 20:11:28	16.67578	16.69754	16.65689	762.5	762.5	762.5	19.52621	19.6	19.4
10/11/2016 20:16:28	16.67619	16.69754	16.65863	762.4901	762.5	762.4	19.51748	19.6	19.4
10/11/2016 20:21:28	16.67732	16.69796	16.66305	762.387	762.4	762.3	19.44971	19.6	19.4
10/11/2016 20:26:28	16.67689	16.68865	16.66128	762.3452	762.4	762.3	19.40001	19.5	19.3
10/11/2016 20:31:28	16.67689	16.68865	16.66128	762.3452	762.4	762.3	19.40001	19.5	19.3
10/11/2016 20:36:28	16.67541	16.70193	16.65731	762.4	762.4	762.4	19.38992	19.5	19.3
10/11/2016 20:41:28	16.67639	16.69617	16.65731	762.4	762.4	762.4	19.35981	19.4	19.3
10/11/2016 20:46:28	16.67473	16.68646	16.65157	762.4	762.4	762.4	19.34368	19.4	19.3
10/11/2016 20:51:28	16.67571	16.68646	16.66128	762.42	762.5	762.4	19.32673	19.4	19.2
10/11/2016 20:56:28	16.67413	16.69001	16.66128	762.4406	762.5	762.4	19.3	19.4	19.2
10/11/2016 21:01:28	16.67438	16.69084	16.65991	762.2366	762.3	762.2	19.23618	19.3	19
10/11/2016 21:06:28	16.67438	16.69084	16.65991	762.2366	762.3	762.2	19.23618	19.3	19
10/11/2016 21:11:28	16.67379	16.69343	16.66031	762.0451	762.2	762	19.13237	19.3	19
10/11/2016 21:16:28	16.67379	16.69343	16.66031	762.0451	762.2	762	19.13237	19.3	19
10/11/2016 21:21:28	16.67161	16.69218	16.66126	762.4644	762.5	762.4	19.01649	19.2	18.9
10/11/2016 21:26:28	16.67161	16.69218	16.66126	762.4644	762.5	762.4	19.01649	19.2	18.9
10/11/2016 21:31:28	16.67206	16.68285	16.648	762.4326	762.5	762.4	18.97985	19	18.9
10/11/2016 21:36:28	16.67193	16.69036	16.66126	762.4926	762.5	762.4	18.9766	19	18.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 21:41:28	16.67102	16.69036	16.64582	762.5	762.5	762.5	18.91278	19	18.8
10/11/2016 21:46:28	16.6743	16.69787	16.65551	762.5331	762.6	762.5	18.89329	19	18.8
10/11/2016 21:51:28	16.67376	16.6943	16.65551	762.5071	762.6	762.5	18.85579	19	18.8
10/11/2016 21:56:28	16.67319	16.69211	16.65333	762.6	762.6	762.6	18.82623	18.9	18.8
10/11/2016 22:01:28	16.67341	16.69211	16.65333	762.6069	762.7	762.6	18.80336	18.9	18.7
10/11/2016 22:06:28	16.67299	16.7018	16.65333	762.6	762.6	762.6	18.75311	18.8	18.7
10/11/2016 22:11:28	16.67299	16.7018	16.65333	762.6	762.6	762.6	18.75311	18.8	18.7
10/11/2016 22:16:28	16.67151	16.68992	16.65114	762.7	762.7	762.7	18.71613	18.8	18.7
10/11/2016 22:21:28	16.67151	16.68992	16.65114	762.7	762.7	762.7	18.71613	18.8	18.7
10/11/2016 22:26:28	16.67349	16.68817	16.65333	762.6	762.6	762.6	18.65968	18.7	18.4
10/11/2016 22:31:28	16.67349	16.68817	16.65333	762.6	762.6	762.6	18.65968	18.7	18.4
10/11/2016 22:36:28	16.67491	16.69787	16.65333	762.6028	762.7	762.6	18.57233	18.7	18.4
10/11/2016 22:41:28	16.6716	16.69568	16.65114	762.699	762.7	762.6	18.53309	18.7	18.4
10/11/2016 22:46:28	16.67366	16.69568	16.65508	762.7	762.7	762.7	18.46048	18.7	18.4
10/11/2016 22:51:28	16.67366	16.69568	16.65508	762.7	762.7	762.7	18.46048	18.7	18.4
10/11/2016 22:56:28	16.67323	16.69568	16.65689	762.7	762.7	762.7	18.43022	18.7	18.4
10/11/2016 23:01:28	16.67422	16.69568	16.65689	762.7	762.7	762.7	18.41681	18.7	18.4
10/11/2016 23:06:28	16.67411	16.69568	16.65114	762.7493	762.8	762.7	18.39344	18.6	18.3
10/11/2016 23:11:28	16.67615	16.69742	16.65683	762.8	762.8	762.8	18.39997	18.6	18.3
10/11/2016 23:16:28	16.67615	16.69742	16.65683	762.8	762.8	762.8	18.39997	18.6	18.3
10/11/2016 23:21:28	16.67599	16.69742	16.65683	762.812	762.9	762.8	18.39343	18.4	18.3
10/11/2016 23:26:28	16.67424	16.68947	16.65071	762.8986	762.9	762.8	18.40336	18.6	18.3
10/11/2016 23:31:28	16.67466	16.69339	16.66433	762.9	762.9	762.9	18.39343	18.4	18.3
10/11/2016 23:36:28	16.67546	16.6973	16.65857	762.9	762.9	762.9	18.39327	18.4	18.3
10/11/2016 23:41:28	16.67546	16.6973	16.65857	762.9	762.9	762.9	18.39327	18.4	18.3
10/11/2016 23:46:28	16.67487	16.70479	16.65455	762.9919	763	762.9	18.33966	18.4	18.3
10/11/2016 23:51:28	16.67487	16.70479	16.65455	762.9919	763	762.9	18.33966	18.4	18.3
10/11/2016 23:56:28	16.67582	16.69511	16.65674	762.9628	763	762.9	18.29664	18.4	18.2
10/12/2016 00:01:28	16.67582	16.69511	16.65674	762.9628	763	762.9	18.29664	18.4	18.2
10/12/2016 00:06:28	16.67663	16.69339	16.65857	762.9	762.9	762.9	18.2244	18.3	18.1
10/12/2016 00:11:28	16.67663	16.69339	16.65857	762.9	762.9	762.9	18.2244	18.3	18.1
10/12/2016 00:16:28	16.67475	16.69339	16.65857	762.8507	762.9	762.8	18.18674	18.3	18.1
10/12/2016 00:21:28	16.67336	16.68589	16.65683	762.801	762.9	762.8	18.16249	18.3	18.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 00:26:28	16.67336	16.68589	16.65683	762.801	762.9	762.8	18.16249	18.3	18.1
10/12/2016 00:31:28	16.67273	16.68589	16.66076	762.8	762.8	762.8	18.12889	18.3	18.1
10/12/2016 00:36:28	16.67636	16.69339	16.66076	762.898	762.9	762.8	18.12357	18.3	18.1
10/12/2016 00:41:28	16.67504	16.6973	16.65639	762.9351	763	762.9	18.10337	18.2	18.1
10/12/2016 00:46:28	16.67504	16.6973	16.65639	762.9351	763	762.9	18.10337	18.2	18.1
10/12/2016 00:51:28	16.67356	16.69696	16.66215	762.9821	763	762.9	18.11344	18.2	18.1
10/12/2016 00:56:28	16.67411	16.69523	16.6604	762.9	762.9	762.9	18.12355	18.2	18.1
10/12/2016 01:01:28	16.67316	16.69523	16.6604	762.9	762.9	762.9	18.14693	18.3	18.1
10/12/2016 01:06:28	16.67316	16.69523	16.6604	762.9	762.9	762.9	18.14693	18.3	18.1
10/12/2016 01:11:28	16.67548	16.68554	16.65647	762.9	762.9	762.9	18.14637	18.3	18.1
10/12/2016 01:16:28	16.67507	16.69523	16.66433	762.9	762.9	762.9	18.14031	18.3	18.1
10/12/2016 01:21:28	16.67507	16.69523	16.66433	762.9	762.9	762.9	18.14031	18.3	18.1
10/12/2016 01:26:28	16.67431	16.69523	16.6604	762.9	762.9	762.9	18.1603	18.3	18.1
10/12/2016 01:31:28	16.67401	16.68947	16.66433	762.9	762.9	762.9	18.15025	18.3	18.1
10/12/2016 01:36:28	16.67401	16.68947	16.66433	762.9	762.9	762.9	18.15025	18.3	18.1
10/12/2016 01:41:28	16.67445	16.68947	16.66433	762.9	762.9	762.9	18.13293	18.3	18.1
10/12/2016 01:46:28	16.67445	16.68947	16.66433	762.9	762.9	762.9	18.13293	18.3	18.1
10/12/2016 01:51:28	16.67482	16.69339	16.65465	762.8286	762.9	762.8	18.12689	18.3	18.1
10/12/2016 01:56:28	16.67482	16.69339	16.65465	762.8286	762.9	762.8	18.12689	18.3	18.1
10/12/2016 02:01:28	16.67323	16.68589	16.65857	762.8058	762.9	762.8	18.12553	18.3	18.1
10/12/2016 02:06:28	16.67568	16.68795	16.64924	762.874	762.9	762.8	18.12018	18.2	18
10/12/2016 02:11:28	16.67364	16.69762	16.65892	762.8	762.8	762.8	18.10335	18.2	18
10/12/2016 02:16:28	16.67452	16.69185	16.65316	762.8653	762.9	762.8	18.10672	18.2	18.1
10/12/2016 02:21:28	16.67267	16.69185	16.65488	762.8808	762.9	762.8	18.09934	18.2	18
10/12/2016 02:26:28	16.67495	16.69744	16.64911	762.901	763	762.9	18.07645	18.1	18
10/12/2016 02:31:28	16.67495	16.69744	16.64911	762.901	763	762.9	18.07645	18.1	18
10/12/2016 02:36:28	16.67507	16.70103	16.65269	762.9936	763	762.9	18.0538	18.1	18
10/12/2016 02:41:28	16.67464	16.69714	16.65659	762.999	763	762.9	18.04955	18.1	18
10/12/2016 02:46:28	16.67711	16.69714	16.66064	762.9639	763	762.9	18.07645	18.1	18
10/12/2016 02:51:28	16.67349	16.68966	16.66641	762.9	762.9	762.9	18.11685	18.3	18
10/12/2016 02:56:28	16.67349	16.68966	16.66641	762.9	762.9	762.9	18.11685	18.3	18
10/12/2016 03:01:28	16.67265	16.69324	16.65846	762.929	763	762.9	18.12351	18.2	18.1
10/12/2016 03:06:28	16.67535	16.69324	16.65455	763	763	763	18.18386	18.3	18.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 03:11:28	16.6765	16.6973	16.66064	762.8901	762.9	762.8	18.3	18.4	18.2
10/12/2016 03:16:28	16.6765	16.6973	16.66064	762.8901	762.9	762.8	18.3	18.4	18.2
10/12/2016 03:21:28	16.67192	16.68249	16.66096	762.7718	762.8	762.7	18.32691	18.4	18.3
10/12/2016 03:26:28	16.67192	16.68249	16.66096	762.7718	762.8	762.7	18.32691	18.4	18.3
10/12/2016 03:31:28	16.67444	16.68249	16.6552	762.7091	762.8	762.7	18.31613	18.4	18.3
10/12/2016 03:36:28	16.67399	16.68249	16.65738	762.7	762.7	762.7	18.30336	18.4	18.3
10/12/2016 03:41:28	16.6737	16.68826	16.66315	762.7	762.7	762.7	18.30672	18.4	18.3
10/12/2016 03:46:28	16.67612	16.69404	16.65348	762.7	762.7	762.7	18.30671	18.4	18.2
10/12/2016 03:51:28	16.67612	16.69404	16.65348	762.7	762.7	762.7	18.30671	18.4	18.2
10/12/2016 03:56:28	16.6736	16.69623	16.66534	762.6	762.6	762.6	18.37329	18.4	18.3
10/12/2016 04:01:28	16.6736	16.69623	16.66534	762.6	762.6	762.6	18.37329	18.4	18.3
10/12/2016 04:06:28	16.67675	16.68656	16.66143	762.6	762.6	762.6	18.43319	18.6	18.4
10/12/2016 04:11:28	16.67675	16.68656	16.66143	762.6	762.6	762.6	18.43319	18.6	18.4
10/12/2016 04:16:28	16.67413	16.69419	16.66329	762.6	762.6	762.6	18.50698	18.7	18.4
10/12/2016 04:21:28	16.67578	16.68808	16.66076	762.6492	762.7	762.6	18.67176	18.7	18.4
10/12/2016 04:26:28	16.67578	16.68808	16.66076	762.7472	762.8	762.7	18.73004	18.8	18.7
10/12/2016 04:31:28	16.67582	16.68589	16.66076	762.803	762.9	762.8	18.77648	18.8	18.7
10/12/2016 04:36:28	16.67544	16.68773	16.65683	762.802	762.9	762.8	18.82668	18.9	18.8
10/12/2016 04:41:28	16.67548	16.69166	16.66652	762.8	762.8	762.8	18.963	19	18.8
10/12/2016 04:46:28	16.67548	16.69166	16.66652	762.8	762.8	762.8	18.963	19	18.8
10/12/2016 04:51:28	16.6764	16.6913	16.65865	762.8353	762.9	762.8	19.11056	19.3	19
10/12/2016 04:56:28	16.6764	16.6913	16.65865	762.8353	762.9	762.8	19.11056	19.3	19
10/12/2016 05:01:28	16.67576	16.6913	16.65647	762.8825	762.9	762.8	19.23611	19.3	19
10/12/2016 05:06:28	16.67483	16.6913	16.65428	762.9492	763	762.9	19.36367	19.4	19.3
10/12/2016 05:11:28	16.67483	16.6913	16.65428	762.9492	763	762.9	19.36367	19.4	19.3
10/12/2016 05:16:28	16.67393	16.6913	16.66222	762.9	762.9	762.9	19.44666	19.6	19.4
10/12/2016 05:21:28	16.67393	16.6913	16.66222	762.9	762.9	762.9	19.44666	19.6	19.4
10/12/2016 05:26:28	16.67357	16.6913	16.65647	762.9	762.9	762.9	19.50066	19.6	19.4
10/12/2016 05:31:28	16.67284	16.68554	16.66222	762.902	763	762.9	19.5361	19.6	19.4
10/12/2016 05:36:28	16.67482	16.6913	16.66003	762.9434	763	762.9	19.58047	19.6	19.4
10/12/2016 05:41:28	16.67605	16.6816	16.65647	762.9573	763	762.9	19.62424	19.8	19.5
10/12/2016 05:46:28	16.67805	16.6816	16.66003	762.9861	763	762.9	19.65246	19.8	19.6
10/12/2016 05:51:28	16.67514	16.68911	16.65252	762.9417	763	762.9	19.71384	19.8	19.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 05:56:28	16.67514	16.68911	16.65252	762.9417	763	762.9	19.71384	19.8	19.6
10/12/2016 06:01:28	16.67258	16.68917	16.65252	762.9008	763	762.9	19.74615	19.8	19.6
10/12/2016 06:06:28	16.67258	16.68917	16.65252	762.9008	763	762.9	19.74615	19.8	19.6
10/12/2016 06:11:28	16.67716	16.70063	16.66003	763	763	763	19.8101	19.9	19.8
10/12/2016 06:16:28	16.67716	16.70063	16.66003	763	763	763	19.8101	19.9	19.8
10/12/2016 06:21:28	16.67574	16.69274	16.65787	763	763	763	19.83025	19.9	19.8
10/12/2016 06:26:28	16.67702	16.68698	16.66362	763	763	763	19.86369	20	19.8
10/12/2016 06:31:28	16.67702	16.68698	16.66362	763	763	763	19.86369	20	19.8
10/12/2016 06:36:28	16.67656	16.68303	16.65787	763	763	763	19.87373	20	19.8
10/12/2016 06:41:28	16.67676	16.68698	16.66758	763	763	763	19.92623	20	19.9
10/12/2016 06:46:28	16.67676	16.68698	16.66758	763	763	763	19.92623	20	19.9
10/12/2016 06:51:28	16.67554	16.69669	16.65785	763.028	763.1	763	19.92665	20	19.9
10/12/2016 06:56:28	16.67643	16.7042	16.65785	763.1	763.1	763.1	19.93339	20	19.9
10/12/2016 07:01:28	16.67379	16.69055	16.65569	763.1	763.1	763.1	19.97672	20	19.9
10/12/2016 07:06:28	16.67281	16.68303	16.66143	763.0679	763.1	763	20	20.1	19.9
10/12/2016 07:11:28	16.67585	16.68698	16.66758	763	763	763	19.99014	20.1	19.9
10/12/2016 07:16:28	16.67585	16.68698	16.66758	763	763	763	19.99014	20.1	19.9
10/12/2016 07:21:28	16.67689	16.68698	16.66183	763	763	763	20.01344	20.1	20
10/12/2016 07:26:28	16.67689	16.68698	16.66183	763	763	763	20.01344	20.1	20
10/12/2016 07:31:28	16.67591	16.69274	16.66758	763	763	763	20.02622	20.1	20
10/12/2016 07:36:28	16.6762	16.69669	16.65964	763.029	763.1	763	20.0435	20.1	20
10/12/2016 07:41:28	16.6762	16.69669	16.65964	763.029	763.1	763	20.0435	20.1	20
10/12/2016 07:46:28	16.67509	16.6848	16.66539	763.1	763.1	763.1	20.02958	20.1	19.9
10/12/2016 07:51:28	16.67417	16.6848	16.65569	763.1	763.1	763.1	20.01346	20.1	20
10/12/2016 07:56:28	16.67417	16.6848	16.65569	763.1	763.1	763.1	20.01346	20.1	20
10/12/2016 08:01:28	16.67509	16.6848	16.66143	763.1	763.1	763.1	20.0168	20.1	20
10/12/2016 08:06:28	16.67294	16.69055	16.66143	763.1138	763.2	763.1	20.01011	20.1	20
10/12/2016 08:11:28	16.67551	16.68617	16.66102	763.3	763.3	763.3	20.00673	20.1	20
10/12/2016 08:16:28	16.67551	16.68617	16.66102	763.3	763.3	763.3	20.00673	20.1	20
10/12/2016 08:21:28	16.67552	16.69192	16.66102	763.3	763.3	763.3	20.02018	20.1	20
10/12/2016 08:26:28	16.67432	16.69192	16.6628	763.3356	763.4	763.3	20.02018	20.1	20
10/12/2016 08:31:28	16.67432	16.69192	16.6628	763.3356	763.4	763.3	20.02018	20.1	20
10/12/2016 08:36:28	16.6741	16.68617	16.65706	763.3754	763.4	763.3	20.06031	20.2	20

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 08:41:28	16.67598	16.70302	16.65665	763.4	763.4	763.4	20.13368	20.4	20
10/12/2016 08:46:28	16.67598	16.70302	16.65665	763.4	763.4	763.4	20.13368	20.4	20
10/12/2016 08:51:28	16.67561	16.6933	16.65841	763.374	763.4	763.3	20.28695	20.4	20.1
10/12/2016 08:56:28	16.67561	16.6933	16.65841	763.374	763.4	763.3	20.28695	20.4	20.1
10/12/2016 09:01:28	16.67298	16.69111	16.65623	763.5	763.5	763.5	20.42665	20.5	20.4
10/12/2016 09:06:28	16.67298	16.69111	16.65623	763.5	763.5	763.5	20.42665	20.5	20.4
10/12/2016 09:11:28	16.67598	16.68844	16.65579	763.5939	763.6	763.5	20.55048	20.7	20.5
10/12/2016 09:16:28	16.67481	16.69069	16.65579	763.6	763.6	763.6	20.66299	20.7	20.5
10/12/2016 09:21:28	16.67481	16.69069	16.65579	763.6	763.6	763.6	20.66299	20.7	20.5
10/12/2016 09:26:28	16.67574	16.68893	16.65579	763.6	763.6	763.6	20.72355	20.8	20.7
10/12/2016 09:31:28	16.67449	16.68893	16.66332	763.6552	763.7	763.6	20.79729	21	20.7
10/12/2016 09:36:28	16.6734	16.69424	16.66152	763.6896	763.7	763.6	21.03337	21.1	21
10/12/2016 09:41:28	16.6734	16.69424	16.66152	763.6896	763.7	763.6	21.03337	21.1	21
10/12/2016 09:46:28	16.67466	16.69424	16.66332	763.7	763.7	763.7	21.06665	21.1	21
10/12/2016 09:51:28	16.67694	16.68798	16.65876	763.7	763.7	763.7	21.11627	21.3	21
10/12/2016 09:56:28	16.67722	16.6937	16.66631	763.7371	763.8	763.7	21.20382	21.3	21.1
10/12/2016 10:01:27	16.67722	16.6937	16.66631	763.7371	763.8	763.7	21.20382	21.3	21.1
10/12/2016 10:06:28	16.67275	16.68579	16.66059	763.8	763.8	763.8	21.34345	21.4	21.2
10/12/2016 10:11:28	16.67275	16.68579	16.66059	763.8	763.8	763.8	21.34345	21.4	21.2
10/12/2016 10:16:27	16.67353	16.68579	16.65658	763.801	763.9	763.8	21.42764	21.6	21.3
10/12/2016 10:21:28	16.67376	16.69152	16.6623	763.8	763.8	763.8	21.5741	21.7	21.4
10/12/2016 10:26:28	16.67382	16.68579	16.66059	763.8	763.8	763.8	21.66973	21.7	21.4
10/12/2016 10:31:27	16.67382	16.68579	16.66059	763.8	763.8	763.8	21.66973	21.7	21.4
10/12/2016 10:36:28	16.67657	16.69895	16.65256	763.8	763.8	763.8	21.73941	21.8	21.7
10/12/2016 10:41:27	16.67657	16.69895	16.65256	763.8	763.8	763.8	21.73941	21.8	21.7
10/12/2016 10:46:28	16.67808	16.69895	16.6623	763.8	763.8	763.8	21.78314	21.8	21.7
10/12/2016 10:51:28	16.67723	16.6892	16.65256	763.8	763.8	763.8	21.93406	22	21.8
10/12/2016 10:56:28	16.67723	16.6892	16.65256	763.8	763.8	763.8	21.93406	22	21.8
10/12/2016 11:01:27	16.67522	16.69089	16.65591	763.796	763.8	763.7	22.074	22.3	21.9
10/12/2016 11:06:28	16.67516	16.69089	16.65591	763.8	763.8	763.8	22.30982	22.4	22.2
10/12/2016 11:11:27	16.67516	16.69089	16.65591	763.8	763.8	763.8	22.30982	22.4	22.2
10/12/2016 11:16:28	16.67597	16.6892	16.66162	763.8	763.8	763.8	22.41654	22.5	22.4
10/12/2016 11:21:27	16.67597	16.6892	16.66162	763.8	763.8	763.8	22.41654	22.5	22.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 11:26:28	16.67494	16.69256	16.6535	763.8	763.8	763.8	22.56297	22.6	22.5
10/12/2016 11:31:27	16.67494	16.69256	16.6535	763.8	763.8	763.8	22.56297	22.6	22.5
10/12/2016 11:36:28	16.67623	16.6892	16.65591	763.8	763.8	763.8	22.76769	22.8	22.6
10/12/2016 11:41:27	16.67623	16.6892	16.65591	763.8	763.8	763.8	22.76769	22.8	22.6
10/12/2016 11:46:28	16.67534	16.68663	16.65324	763.7	763.7	763.7	22.86365	23	22.8
10/12/2016 11:51:28	16.67508	16.68954	16.65404	763.6548	763.7	763.6	22.94008	23	22.8
10/12/2016 11:56:28	16.67508	16.68954	16.65404	763.6548	763.7	763.6	22.94008	23	22.8
10/12/2016 12:01:27	16.67381	16.69357	16.65289	763.6	763.6	763.6	22.97645	23	22.9
10/12/2016 12:06:28	16.67534	16.69357	16.66045	763.6744	763.7	763.6	22.91613	23	22.8
10/12/2016 12:11:27	16.67474	16.70114	16.65474	763.7	763.7	763.7	22.89961	23	22.8
10/12/2016 12:16:27	16.67466	16.69234	16.65294	763.6882	763.7	763.6	22.90372	23	22.8
10/12/2016 12:21:27	16.67592	16.6896	16.65609	763.6	763.6	763.6	23.03003	23.4	23
10/12/2016 12:26:28	16.67434	16.69651	16.65609	763.5485	763.6	763.5	23.51619	23.7	23.2
10/12/2016 12:31:28	16.67504	16.69208	16.65294	763.6	763.6	763.6	23.74712	24	23.6
10/12/2016 12:36:27	16.67504	16.69208	16.65294	763.6	763.6	763.6	23.74712	24	23.6
10/12/2016 12:41:27	16.67499	16.69939	16.66273	763.6	763.6	763.6	23.84377	24	23.7
10/12/2016 12:46:28	16.67465	16.69076	16.65409	763.4	763.4	763.4	23.99325	24.1	23.8
10/12/2016 12:51:27	16.67465	16.69076	16.65409	763.4	763.4	763.4	23.99325	24.1	23.8
10/12/2016 12:56:28	16.67478	16.69556	16.65478	763.4	763.4	763.4	24.05286	24.1	24
10/12/2016 13:01:27	16.67478	16.69556	16.65478	763.4	763.4	763.4	24.05286	24.1	24
10/12/2016 13:06:27	16.67526	16.69397	16.65889	763.4	763.4	763.4	24.00673	24.1	24
10/12/2016 13:11:27	16.67596	16.70965	16.65876	763.3599	763.5	763.3	24.01116	24.1	23.8
10/12/2016 13:16:27	16.67394	16.69446	16.64792	763.301	763.4	763.3	24.19	24.4	24.1
10/12/2016 13:21:28	16.67494	16.69763	16.6496	763.4	763.4	763.4	24.84344	24.9	24.7
10/12/2016 13:26:27	16.67494	16.69763	16.6496	763.4	763.4	763.4	24.84344	24.9	24.7
10/12/2016 13:31:27	16.67618	16.69446	16.65358	763.3104	763.4	763.3	24.89696	25	24.8
10/12/2016 13:36:27	16.67367	16.69982	16.64458	763.3	763.3	763.3	24.94645	25	24.9
10/12/2016 13:41:27	16.67522	16.69026	16.66068	763.3	763.3	763.3	25.10375	25.3	25
10/12/2016 13:46:27	16.67522	16.69026	16.66068	763.3	763.3	763.3	25.10375	25.3	25
10/12/2016 13:51:27	16.67554	16.69298	16.65777	763.3	763.3	763.3	25.33699	25.4	25.3
10/12/2016 13:56:27	16.67361	16.69446	16.65082	763.2465	763.3	763.2	25.66468	25.9	25.5
10/12/2016 14:01:28	16.67615	16.7065	16.65865	763.2	763.2	763.2	25.78114	25.9	25.6
10/12/2016 14:06:27	16.67615	16.7065	16.65865	763.2	763.2	763.2	25.78114	25.9	25.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 14:11:27	16.6773	16.69516	16.65995	763.2	763.2	763.2	25.85019	26	25.6
10/12/2016 14:16:27	16.6766	16.68898	16.6594	763.1218	763.2	763.1	25.90672	26	25.8
10/12/2016 14:21:27	16.6766	16.68898	16.6594	763.1218	763.2	763.1	25.90672	26	25.8
10/12/2016 14:26:27	16.67512	16.69884	16.66066	763.1	763.1	763.1	25.96037	26	25.9
10/12/2016 14:31:27	16.6726	16.69655	16.65648	763.0939	763.1	763	25.99326	26	25.9
10/12/2016 14:36:27	16.67544	16.70102	16.65028	763	763	763	25.96979	26	25.9
10/12/2016 14:41:27	16.67544	16.70102	16.65028	763	763	763	25.96979	26	25.9
10/12/2016 14:46:27	16.67611	16.69407	16.65737	763	763	763	25.98056	26.1	25.9
10/12/2016 14:51:27	16.67637	16.6955	16.6588	763	763	763	26.00973	26.1	25.9
10/12/2016 14:56:27	16.67566	16.69407	16.64462	763	763	763	26.0433	26.1	26
10/12/2016 15:01:27	16.67568	16.69116	16.66013	763	763	763	25.91981	26	25.8
10/12/2016 15:06:27	16.67568	16.69116	16.66013	763	763	763	25.91981	26	25.8
10/12/2016 15:11:27	16.67373	16.69387	16.65447	763	763	763	25.85434	26	25.6
10/12/2016 15:16:27	16.6744	16.69387	16.66158	763	763	763	25.79297	25.9	25.6
10/12/2016 15:21:27	16.67459	16.70102	16.65737	762.9789	763	762.9	25.63957	25.8	25.6
10/12/2016 15:26:27	16.67469	16.69954	16.65447	762.9621	763	762.9	25.64631	25.8	25.6
10/12/2016 15:31:27	0	0	0	762.8933	762.9	762.8	25.54664	25.6	25.4
10/12/2016 15:36:27	0	0	0	762.8933	762.9	762.8	25.54664	25.6	25.4
10/12/2016 15:41:27	0	0	0	762.9	762.9	762.9	25.48021	25.5	25.4
10/12/2016 15:46:27	0	0	0	762.9	762.9	762.9	25.51005	25.6	25.4
10/12/2016 15:51:27	0	0	0	762.8899	762.9	762.8	25.50635	25.6	25.4
10/12/2016 15:56:27	0	0	0	762.8899	762.9	762.8	25.50635	25.6	25.4
10/12/2016 16:01:27	0	0	0	762.8409	762.9	762.8	25.46343	25.6	25.4
10/12/2016 16:06:27	0	0	0	762.761	762.8	762.7	25.41644	25.5	25.4
10/12/2016 16:11:27	0	0	0	762.7	762.7	762.7	25.36678	25.4	25.3
10/12/2016 16:16:27	0	0	0	762.6658	762.8	762.6	25.254	25.4	25
10/12/2016 16:21:27	0	0	0	762.6	762.6	762.6	24.71676	24.9	24.4
10/12/2016 16:26:27	0	0	0	762.6	762.6	762.6	24.45304	24.7	24.3
10/12/2016 16:31:27	0	0	0	762.6	762.6	762.6	24.45304	24.7	24.3
10/12/2016 16:36:27	0	0	0	762.5332	762.6	762.4	24.38658	24.4	24.3
10/12/2016 16:41:27	0	0	0	762.4185	762.5	762.4	24.35337	24.4	24.3
10/12/2016 16:46:27	0	0	0	762.5084	762.6	762.4	24.36343	24.4	24.3
10/12/2016 16:51:27	0	0	0	762.4	762.4	762.4	24.42686	24.6	24.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 16:56:27	0	0	0	762.3228	762.4	762.2	24.58726	24.7	24.4
10/12/2016 17:01:27	0	0	0	762.3228	762.4	762.2	24.58726	24.7	24.4
10/12/2016 17:06:27	16.67888	16.69588	16.65645	762.2399	762.3	762.2	24.73058	24.9	24.4
10/12/2016 17:11:27	16.67888	16.69588	16.65645	762.2399	762.3	762.2	24.73058	24.9	24.4
10/12/2016 17:16:27	16.67518	16.70102	16.64783	762.1265	762.2	762	24.79969	24.9	24.7
10/12/2016 17:21:27	16.67632	16.69485	16.65965	762.3181	762.4	762.2	24.68328	24.8	24.4
10/12/2016 17:26:27	16.67517	16.69371	16.6627	762.405	762.5	762.4	24.05369	24.3	23.8
10/12/2016 17:31:27	16.67517	16.69371	16.6627	762.405	762.5	762.4	24.05369	24.3	23.8
10/12/2016 17:36:27	16.67565	16.69371	16.65507	762.307	762.4	762.3	23.71945	24	23.5
10/12/2016 17:41:27	16.67551	16.68955	16.66208	762.3821	762.4	762.3	23.06341	23.4	22.9
10/12/2016 17:46:27	16.67551	16.68955	16.66208	762.3821	762.4	762.3	23.06341	23.4	22.9
10/12/2016 17:51:27	16.67356	16.68793	16.64626	762.3242	762.4	762.2	22.79996	23	22.6
10/12/2016 17:56:27	16.67356	16.68793	16.64626	762.3242	762.4	762.2	22.79996	23	22.6
10/12/2016 18:01:27	16.67407	16.69583	16.65125	762.3751	762.5	762.2	22.49666	22.6	22.4
10/12/2016 18:06:27	16.67407	16.69583	16.65125	762.3751	762.5	762.2	22.49666	22.6	22.4
10/12/2016 18:11:27	16.67651	16.69389	16.65884	762.3521	762.5	762.2	22.23055	22.3	22
10/12/2016 18:16:27	16.67651	16.69389	16.65884	762.3521	762.5	762.2	22.23055	22.3	22
10/12/2016 18:21:27	16.67446	16.69443	16.65343	762.2248	762.3	762.2	21.99703	22.3	21.9
10/12/2016 18:26:27	16.67261	16.69629	16.65149	762.3889	762.4	762.3	21.78023	21.9	21.7
10/12/2016 18:31:27	16.67261	16.69629	16.65149	762.3889	762.4	762.3	21.78023	21.9	21.7
10/12/2016 18:36:27	16.67372	16.69475	16.65355	762.5131	762.6	762.4	21.43389	21.7	21.3
10/12/2016 18:41:27	16.67372	16.69475	16.65355	762.5131	762.6	762.4	21.43389	21.7	21.3
10/12/2016 18:46:27	16.67423	16.69475	16.66146	762.4899	762.5	762.4	21.32348	21.6	21.2
10/12/2016 18:51:27	16.67588	16.69475	16.65221	762.4621	762.5	762.4	21.19031	21.3	21.1
10/12/2016 18:56:27	16.67459	16.69304	16.65235	762.4785	762.5	762.4	20.98658	21	20.8
10/12/2016 19:01:27	16.67548	16.69523	16.65624	762.3369	762.4	762.3	20.82314	21	20.7
10/12/2016 19:06:27	16.67548	16.69523	16.65624	762.3369	762.4	762.3	20.82314	21	20.7
10/12/2016 19:11:27	16.67578	16.68767	16.66647	762.3	762.3	762.3	20.71678	20.8	20.7
10/12/2016 19:16:27	16.67467	16.69614	16.64928	762.2828	762.3	762.2	20.48321	20.6	20.4
10/12/2016 19:21:27	16.67467	16.69614	16.64928	762.2828	762.3	762.2	20.48321	20.6	20.4
10/12/2016 19:26:27	16.67575	16.70548	16.6547	762.4432	762.6	762.3	20.3101	20.4	20.1
10/12/2016 19:31:27	16.67575	16.70548	16.6547	762.4432	762.6	762.3	20.3101	20.4	20.1
10/12/2016 19:36:27	16.67574	16.70015	16.65552	762.3	762.3	762.3	20.0265	20.1	20

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 19:41:27	16.67574	16.70015	16.65552	762.3	762.3	762.3	20.0265	20.1	20
10/12/2016 19:46:27	16.67569	16.69617	16.66305	762.4009	762.5	762.4	19.89328	20	19.8
10/12/2016 19:51:27	16.67569	16.69617	16.66305	762.4009	762.5	762.4	19.89328	20	19.8
10/12/2016 19:56:27	16.67259	16.69221	16.65513	762.493	762.5	762.4	19.74035	19.8	19.6
10/12/2016 20:01:27	16.67259	16.69221	16.65513	762.493	762.5	762.4	19.74035	19.8	19.6
10/12/2016 20:06:27	16.67409	16.69001	16.66086	762.5378	762.6	762.5	19.54366	19.6	19.4
10/12/2016 20:11:27	16.67409	16.69001	16.66086	762.5378	762.6	762.5	19.54366	19.6	19.4
10/12/2016 20:16:27	16.67528	16.70069	16.65252	762.7171	762.8	762.6	19.42278	19.6	19.3
10/12/2016 20:21:27	16.67528	16.70069	16.65252	762.7171	762.8	762.6	19.42278	19.6	19.3
10/12/2016 20:26:27	16.67684	16.6985	16.65568	762.8859	763	762.8	19.39366	19.4	19.3
10/12/2016 20:31:27	16.67514	16.69631	16.65568	763	763	763	19.4	19.5	19.3
10/12/2016 20:36:27	16.67524	16.69233	16.65568	762.952	763	762.9	19.37985	19.4	19.3
10/12/2016 20:41:27	16.67513	16.68878	16.66184	762.9852	763	762.9	19.33658	19.4	19.3
10/12/2016 20:46:27	16.67513	16.68878	16.66184	762.9852	763	762.9	19.33658	19.4	19.3
10/12/2016 20:51:27	16.67576	16.69493	16.65391	762.9178	763	762.8	19.26008	19.3	19
10/12/2016 20:56:27	16.67576	16.69493	16.65391	762.9178	763	762.8	19.26008	19.3	19
10/12/2016 21:01:27	16.67341	16.68741	16.65254	762.8	762.8	762.8	19.23956	19.3	19
10/12/2016 21:06:27	16.67718	16.69888	16.66006	762.9	762.9	762.9	19.08392	19.3	19
10/12/2016 21:11:27	16.67718	16.69888	16.66006	762.9	762.9	762.9	19.08392	19.3	19
10/12/2016 21:16:27	16.6746	16.70501	16.6547	762.8	762.8	762.8	18.99664	19.2	18.9
10/12/2016 21:21:27	16.6746	16.70501	16.6547	762.8	762.8	762.8	18.99664	19.2	18.9
10/12/2016 21:26:27	16.67278	16.69531	16.64501	762.799	762.8	762.7	18.97314	19.2	18.9
10/12/2016 21:31:27	16.67337	16.69136	16.6547	762.7903	762.9	762.7	18.94366	19	18.8
10/12/2016 21:36:27	16.67337	16.69136	16.6547	762.7903	762.9	762.7	18.94366	19	18.8
10/12/2016 21:41:27	16.67648	16.70464	16.65035	762.9	762.9	762.9	18.92014	19	18.8
10/12/2016 21:46:27	16.67531	16.68522	16.6561	762.903	763	762.9	18.8967	19	18.8
10/12/2016 21:51:27	16.67562	16.68522	16.6658	762.9	762.9	762.9	18.91041	19	18.8
10/12/2016 21:56:27	16.67583	16.69136	16.66224	762.8646	763	762.8	18.88024	19	18.8
10/12/2016 22:01:27	16.67583	16.69136	16.66224	762.8646	763	762.8	18.88024	19	18.8
10/12/2016 22:06:27	16.67562	16.69669	16.66183	763.0762	763.1	763	18.85296	18.9	18.8
10/12/2016 22:11:27	16.67635	16.68698	16.65787	763	763	763	18.8168	18.9	18.8
10/12/2016 22:16:27	16.6762	16.69669	16.66003	762.9994	763	762.9	18.81679	18.9	18.8
10/12/2016 22:21:27	16.6762	16.69669	16.66003	762.9994	763	762.9	18.81679	18.9	18.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 22:26:27	16.67507	16.69312	16.65252	762.9443	763	762.9	18.80338	18.9	18.7
10/12/2016 22:31:27	16.67427	16.70099	16.65252	762.9409	763	762.9	18.79662	18.9	18.7
10/12/2016 22:36:27	16.67889	16.6988	16.66003	763	763	763	18.77987	18.8	18.7
10/12/2016 22:41:27	16.67519	16.68911	16.65246	763	763	763	18.76338	18.8	18.7
10/12/2016 22:46:27	16.67519	16.68911	16.65246	763	763	763	18.76338	18.8	18.7
10/12/2016 22:51:27	16.67518	16.69339	16.65246	762.9919	763	762.9	18.73358	18.8	18.7
10/12/2016 22:56:27	16.67495	16.68947	16.6604	762.8893	763	762.8	18.6967	18.8	18.4
10/12/2016 23:01:27	16.6751	16.69523	16.65683	762.86	762.9	762.8	18.68621	18.8	18.6
10/12/2016 23:06:27	16.67402	16.69304	16.65246	762.9349	763	762.9	18.5108	18.7	18.4
10/12/2016 23:11:27	16.67402	16.69304	16.65246	762.9349	763	762.9	18.5108	18.7	18.4
10/12/2016 23:16:27	16.67501	16.69304	16.65822	762.9671	763	762.9	18.44027	18.6	18.4
10/12/2016 23:21:27	16.6739	16.68728	16.66215	763	763	763	18.40603	18.6	18.4
10/12/2016 23:26:27	16.6739	16.68728	16.66215	763	763	763	18.40603	18.6	18.4
10/12/2016 23:31:27	16.67279	16.69339	16.66215	762.9712	763	762.9	18.39665	18.4	18.3
10/12/2016 23:36:27	16.67557	16.69523	16.65465	762.9	762.9	762.9	18.38657	18.4	18.3
10/12/2016 23:41:27	16.67508	16.68773	16.65647	762.8882	762.9	762.8	18.35671	18.4	18.3
10/12/2016 23:46:27	16.67393	16.6913	16.65647	762.8969	762.9	762.8	18.3597	18.4	18.3
10/12/2016 23:51:27	16.67393	16.6913	16.65647	762.8969	762.9	762.8	18.3597	18.4	18.3
10/12/2016 23:56:27	16.67517	16.6913	16.65647	762.9	762.9	762.9	18.37984	18.4	18.3
10/13/2016 00:01:27	16.67533	16.68554	16.6604	762.9	762.9	762.9	18.36675	18.4	18.3
10/13/2016 00:06:27	16.67381	16.68554	16.65246	762.9641	763	762.9	18.35333	18.4	18.3
10/13/2016 00:11:27	16.67558	16.69339	16.65465	762.9026	763	762.9	18.33662	18.4	18.3
10/13/2016 00:16:27	16.67558	16.69339	16.65465	762.9026	763	762.9	18.33662	18.4	18.3
10/13/2016 00:21:27	16.67777	16.6973	16.66641	762.9	762.9	762.9	18.32685	18.4	18.3
10/13/2016 00:26:27	16.67698	16.6973	16.66641	762.9	762.9	762.9	18.32645	18.4	18.3
10/13/2016 00:31:27	16.67477	16.69324	16.65097	762.9732	763	762.9	18.28363	18.4	18.1
10/13/2016 00:36:27	16.67477	16.69324	16.65097	762.9732	763	762.9	18.28363	18.4	18.1
10/13/2016 00:41:27	16.67482	16.69543	16.65097	762.9	762.9	762.9	18.22726	18.3	18.1
10/13/2016 00:46:27	16.67493	16.69511	16.65455	762.999	763	762.9	18.17053	18.3	18.1
10/13/2016 00:51:27	16.67493	16.69511	16.65455	762.999	763	762.9	18.17053	18.3	18.1
10/13/2016 00:56:27	16.67582	16.68747	16.66422	763	763	763	18.1302	18.3	18.1
10/13/2016 01:01:27	16.67484	16.68747	16.65846	763	763	763	18.09706	18.1	18
10/13/2016 01:06:27	16.67566	16.68747	16.65455	763	763	763	18.09328	18.2	18

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 01:11:27	16.6751	16.68747	16.66422	763	763	763	18.07692	18.1	18
10/13/2016 01:16:27	16.67557	16.68762	16.65674	762.9319	763	762.9	18.06013	18.1	18
10/13/2016 01:21:27	16.67311	16.68966	16.66064	762.9	762.9	762.9	18.00334	18.1	17.8
10/13/2016 01:26:27	16.67311	16.68966	16.66064	762.9	762.9	762.9	18.00334	18.1	17.8
10/13/2016 01:31:27	16.67507	16.68966	16.66455	762.9398	763	762.9	17.99415	18.1	17.8
10/13/2016 01:36:27	16.67507	16.68966	16.66455	762.9398	763	762.9	17.99415	18.1	17.8
10/13/2016 01:41:27	16.67644	16.70479	16.65455	762.9738	763	762.9	17.97313	18	17.8
10/13/2016 01:46:27	16.67474	16.69511	16.65455	762.994	763	762.9	17.93347	18	17.8
10/13/2016 01:51:27	16.67541	16.69511	16.65455	763	763	763	17.91424	18	17.8
10/13/2016 01:56:27	16.67578	16.68543	16.66607	763	763	763	17.9404	18	17.8
10/13/2016 02:01:27	16.67566	16.69511	16.66422	762.999	763	762.9	17.91939	18	17.8
10/13/2016 02:06:27	16.67518	16.68543	16.65639	763	763	763	17.95293	18	17.8
10/13/2016 02:11:27	16.67588	16.69511	16.65455	762.9883	763	762.9	17.94715	18	17.8
10/13/2016 02:16:27	16.67588	16.69511	16.65455	762.9883	763	762.9	17.94715	18	17.8
10/13/2016 02:21:27	16.67694	16.6973	16.65674	762.9269	763	762.9	17.93951	18	17.8
10/13/2016 02:26:27	16.67521	16.68762	16.65455	762.9741	763	762.9	17.95967	18	17.8
10/13/2016 02:31:27	16.67497	16.69511	16.66422	763	763	763	17.92094	18	17.8
10/13/2016 02:36:27	16.67638	16.68747	16.65846	763	763	763	17.93953	18	17.8
10/13/2016 02:41:27	16.67508	16.69714	16.66236	763.0071	763.1	763	17.84968	18	17.7
10/13/2016 02:46:27	16.67508	16.69714	16.66236	763.0071	763.1	763	17.84968	18	17.7
10/13/2016 02:51:27	16.67586	16.68558	16.66049	762.9833	763	762.9	17.796	18	17.7
10/13/2016 02:56:27	16.67586	16.68558	16.66049	762.9833	763	762.9	17.796	18	17.7
10/13/2016 03:01:27	16.67604	16.69744	16.65301	762.9	762.9	762.9	17.73696	17.8	17.7
10/13/2016 03:06:27	16.67604	16.69744	16.65301	762.9	762.9	762.9	17.73696	17.8	17.7
10/13/2016 03:11:27	16.67564	16.68778	16.65878	762.9	762.9	762.9	17.71298	17.8	17.7
10/13/2016 03:16:27	16.67564	16.68778	16.65878	762.9	762.9	762.9	17.71298	17.8	17.7
10/13/2016 03:21:27	16.67378	16.68418	16.6513	762.8359	762.9	762.8	17.7	17.7	17.7
10/13/2016 03:26:27	16.67662	16.68996	16.66096	762.8922	762.9	762.8	17.68993	17.7	17.6
10/13/2016 03:31:27	16.6749	16.69933	16.66455	762.9	762.9	762.9	17.79337	18	17.7
10/13/2016 03:36:27	16.6749	16.69933	16.66455	762.9	762.9	762.9	17.79337	18	17.7
10/13/2016 03:41:27	16.67573	16.69949	16.65316	762.842	762.9	762.8	17.87296	18	17.8
10/13/2016 03:46:27	16.67758	16.6973	16.66064	762.899	762.9	762.8	18.11007	18.3	18
10/13/2016 03:51:27	16.67758	16.6973	16.66064	762.899	762.9	762.8	18.11007	18.3	18

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 03:56:27	16.67456	16.69523	16.66397	762.9287	763	762.9	18.33649	18.4	18.2
10/13/2016 04:01:27	16.67456	16.69523	16.66397	762.9287	763	762.9	18.33649	18.4	18.2
10/13/2016 04:06:27	16.67583	16.69523	16.6604	762.9178	763	762.9	18.49321	18.7	18.3
10/13/2016 04:11:27	16.67451	16.68947	16.6604	762.898	762.9	762.8	18.7701	18.9	18.7
10/13/2016 04:16:27	16.67451	16.68947	16.6604	762.898	762.9	762.8	18.7701	18.9	18.7
10/13/2016 04:21:27	16.67483	16.69166	16.66076	762.809	762.9	762.8	18.94703	19	18.9
10/13/2016 04:26:27	16.67483	16.69166	16.66076	762.809	762.9	762.8	18.94703	19	18.9
10/13/2016 04:31:27	16.67534	16.68589	16.65108	762.8	762.8	762.8	19.08983	19.3	19
10/13/2016 04:36:27	16.67534	16.68589	16.65108	762.8	762.8	762.8	19.08983	19.3	19
10/13/2016 04:41:27	16.67591	16.68808	16.66076	762.7899	762.8	762.7	19.23275	19.3	19
10/13/2016 04:46:27	16.67472	16.68808	16.66076	762.7808	762.8	762.7	19.30001	19.4	19.2
10/13/2016 04:51:27	16.67533	16.68808	16.66076	762.7833	762.8	762.7	19.31008	19.4	19.2
10/13/2016 04:56:27	16.67533	16.68808	16.66076	762.7833	762.8	762.7	19.31008	19.4	19.2
10/13/2016 05:01:27	16.67545	16.68808	16.66076	762.7587	762.8	762.7	19.35631	19.4	19.2
10/13/2016 05:06:27	16.67545	16.68808	16.66076	762.7587	762.8	762.7	19.35631	19.4	19.2
10/13/2016 05:11:27	16.67425	16.69558	16.66076	762.8	762.8	762.8	19.33952	19.4	19.3
10/13/2016 05:16:27	16.67387	16.69339	16.65639	762.8469	763	762.8	19.36003	19.4	19.3
10/13/2016 05:21:27	16.67536	16.69558	16.65465	762.8348	762.9	762.8	19.35326	19.4	19.3
10/13/2016 05:26:27	16.67536	16.69558	16.65465	762.8348	762.9	762.8	19.35326	19.4	19.3
10/13/2016 05:31:27	16.67518	16.69339	16.66433	762.9	762.9	762.9	19.3605	19.4	19.3
10/13/2016 05:36:27	16.67518	16.69339	16.66433	762.9	762.9	762.9	19.3605	19.4	19.3
10/13/2016 05:41:27	16.67464	16.68762	16.66433	762.9	762.9	762.9	19.38321	19.4	19.3
10/13/2016 05:46:27	16.67464	16.68762	16.66433	762.9	762.9	762.9	19.38321	19.4	19.3
10/13/2016 05:51:27	16.67517	16.69915	16.6604	762.9	762.9	762.9	19.3971	19.6	19.3
10/13/2016 05:56:27	16.67532	16.69915	16.6604	762.9	762.9	762.9	19.3933	19.5	19.3
10/13/2016 06:01:27	16.67465	16.68554	16.65428	762.951	763	762.9	19.38991	19.4	19.3
10/13/2016 06:06:27	16.67465	16.68554	16.65428	762.951	763	762.9	19.38991	19.4	19.3
10/13/2016 06:11:27	16.67594	16.69304	16.66222	762.9551	763	762.9	19.39328	19.4	19.3
10/13/2016 06:16:27	16.67594	16.69304	16.66222	762.9551	763	762.9	19.39328	19.4	19.3
10/13/2016 06:21:27	16.67578	16.68554	16.6604	762.9	762.9	762.9	19.42352	19.5	19.3
10/13/2016 06:26:27	16.67578	16.68554	16.6604	762.9	762.9	762.9	19.42352	19.5	19.3
10/13/2016 06:31:27	16.67594	16.6913	16.65647	762.9	762.9	762.9	19.42687	19.6	19.4
10/13/2016 06:36:27	16.67453	16.68728	16.65246	762.9893	763	762.9	19.41309	19.5	19.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 06:41:27	16.67371	16.69304	16.65246	763	763	763	19.38992	19.5	19.3
10/13/2016 06:46:27	16.67371	16.69304	16.65246	763	763	763	19.38992	19.5	19.3
10/13/2016 06:51:27	16.67311	16.70088	16.65421	763.0101	763.1	763	19.36336	19.4	19.3
10/13/2016 06:56:27	16.67311	16.70088	16.65421	763.0101	763.1	763	19.36336	19.4	19.3
10/13/2016 07:01:27	16.67546	16.68543	16.65639	763	763	763	19.33697	19.4	19.3
10/13/2016 07:06:27	16.67539	16.68543	16.66422	763	763	763	19.30336	19.4	19
10/13/2016 07:11:27	16.67539	16.68543	16.66422	763	763	763	19.30336	19.4	19
10/13/2016 07:16:27	16.67534	16.69511	16.66422	763	763	763	19.17381	19.3	19
10/13/2016 07:21:27	16.67534	16.69511	16.66422	763	763	763	19.17381	19.3	19
10/13/2016 07:26:27	16.67497	16.6912	16.65639	763	763	763	19.10073	19.3	18.9
10/13/2016 07:31:27	16.67562	16.6912	16.66607	763	763	763	19.03026	19.2	18.9
10/13/2016 07:36:27	16.6777	16.68911	16.66397	763.0458	763.1	763	19.00337	19.3	18.9
10/13/2016 07:41:26	16.6777	16.68911	16.66397	763.0458	763.1	763	19.00337	19.3	18.9
10/13/2016 07:46:27	16.67355	16.68659	16.65569	763.1	763.1	763.1	19.31295	19.4	19
10/13/2016 07:51:27	16.67355	16.68659	16.65569	763.1	763.1	763.1	19.31295	19.4	19
10/13/2016 07:56:27	16.67352	16.69055	16.65785	763.1	763.1	763.1	19.46996	19.6	19.3
10/13/2016 08:01:26	16.67395	16.69055	16.66143	763.104	763.2	763.1	19.7637	19.9	19.6
10/13/2016 08:06:27	16.67563	16.68796	16.66102	763.2	763.2	763.2	20.18959	20.4	20
10/13/2016 08:11:26	16.67563	16.68796	16.66102	763.2	763.2	763.2	20.18959	20.4	20
10/13/2016 08:16:27	16.67688	16.69319	16.65824	763.2	763.2	763.2	20.47967	20.6	20.4
10/13/2016 08:21:27	16.67503	16.69039	16.65373	763.2642	763.3	763.2	21.0691	21.3	20.8
10/13/2016 08:26:27	16.67503	16.69039	16.65373	763.2642	763.3	763.2	21.0691	21.3	20.8
10/13/2016 08:31:26	16.67425	16.69257	16.65591	763.2	763.2	763.2	21.3371	21.4	21.1
10/13/2016 08:36:27	16.67448	16.69997	16.65925	763.2005	763.3	763.2	21.68367	21.8	21.4
10/13/2016 08:41:26	16.677	16.6902	16.6609	763.2181	763.3	763.2	21.92001	22	21.8
10/13/2016 08:46:26	16.6753	16.69611	16.65871	763.2701	763.3	763.2	22.23713	22.3	22
10/13/2016 08:51:26	16.67482	16.68988	16.65488	763.3832	763.4	763.3	22.31008	22.4	22.3
10/13/2016 08:56:27	16.67593	16.70551	16.65675	763.5	763.5	763.5	22.22633	22.3	22
10/13/2016 09:01:26	16.67593	16.70551	16.65675	763.5	763.5	763.5	22.22633	22.3	22
10/13/2016 09:06:27	16.67373	16.69235	16.65339	763.5318	763.6	763.5	21.92317	22	21.8
10/13/2016 09:11:27	16.67373	16.69235	16.65339	763.5318	763.6	763.5	21.92317	22	21.8
10/13/2016 09:16:27	16.67366	16.69235	16.65339	763.5027	763.6	763.5	21.77645	21.8	21.7
10/13/2016 09:21:26	16.67366	16.69235	16.65339	763.5027	763.6	763.5	21.77645	21.8	21.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 09:26:27	16.67402	16.69235	16.65741	763.5	763.5	763.5	21.61593	21.7	21.4
10/13/2016 09:31:26	16.67402	16.69235	16.65741	763.5	763.5	763.5	21.61593	21.7	21.4
10/13/2016 09:36:26	16.67223	16.68834	16.65121	763.5558	763.6	763.4	21.4168	21.7	21.3
10/13/2016 09:41:26	16.67223	16.68834	16.65121	763.5558	763.6	763.4	21.4168	21.7	21.3
10/13/2016 09:46:27	16.67561	16.6934	16.65911	763.4852	763.5	763.4	21.4863	21.7	21.4
10/13/2016 09:51:26	16.67561	16.6934	16.65911	763.4852	763.5	763.4	21.4863	21.7	21.4
10/13/2016 09:56:26	16.67646	16.69427	16.66168	763.5	763.5	763.5	21.7796	21.9	21.7
10/13/2016 10:01:26	16.67646	16.69427	16.66168	763.5	763.5	763.5	21.7796	21.9	21.7
10/13/2016 10:06:26	16.67306	16.69397	16.65259	763.405	763.5	763.4	22.36282	22.5	22.2
10/13/2016 10:11:26	16.67306	16.69397	16.65259	763.405	763.5	763.4	22.36282	22.5	22.2
10/13/2016 10:16:26	16.67365	16.68576	16.65221	763.403	763.5	763.4	23.04688	23.2	22.9
10/13/2016 10:21:26	16.67365	16.68576	16.65221	763.403	763.5	763.4	23.04688	23.2	22.9
10/13/2016 10:26:26	16.67494	16.69082	16.65983	763.4388	763.5	763.4	23.44317	23.7	23.1
10/13/2016 10:31:26	16.67627	16.6987	16.65983	763.4894	763.5	763.4	23.73025	23.8	23.6
10/13/2016 10:36:26	16.67178	16.69397	16.64653	763.4	763.4	763.4	23.92036	24	23.7
10/13/2016 10:41:27	16.67388	16.69397	16.64183	763.402	763.5	763.4	24.06054	24.1	24
10/13/2016 10:46:26	16.67388	16.69397	16.64183	763.402	763.5	763.4	24.06054	24.1	24
10/13/2016 10:51:26	16.67503	16.68768	16.64533	763.4849	763.5	763.4	24.05346	24.1	24
10/13/2016 10:56:27	16.67494	16.70377	16.65512	763.4585	763.5	763.4	24.09665	24.2	24
10/13/2016 11:01:26	16.67494	16.70377	16.65512	763.4585	763.5	763.4	24.09665	24.2	24
10/13/2016 11:06:26	16.67595	16.69497	16.65559	763.4	763.4	763.4	24.26335	24.4	24.1
10/13/2016 11:11:26	16.67595	16.69497	16.65559	763.4	763.4	763.4	24.26335	24.4	24.1
10/13/2016 11:16:26	16.67498	16.69993	16.64627	763.5812	763.6	763.5	24.83004	24.9	24.7
10/13/2016 11:21:26	16.67498	16.69993	16.64627	763.5812	763.6	763.5	24.83004	24.9	24.7
10/13/2016 11:26:26	16.6754	16.69993	16.6514	763.4839	763.5	763.4	25.01677	25.2	24.9
10/13/2016 11:31:26	16.6754	16.69993	16.6514	763.4839	763.5	763.4	25.01677	25.2	24.9
10/13/2016 11:36:26	16.67538	16.69907	16.65003	763.501	763.6	763.5	24.95292	25	24.9
10/13/2016 11:41:26	16.67538	16.69907	16.65003	763.501	763.6	763.5	24.95292	25	24.9
10/13/2016 11:46:26	16.67519	16.69008	16.65759	763.499	763.5	763.4	24.85292	24.9	24.8
10/13/2016 11:51:26	16.67453	16.70926	16.6359	763.4182	763.5	763.4	24.94651	25	24.8
10/13/2016 11:56:26	16.67453	16.70926	16.6359	763.4182	763.5	763.4	24.94651	25	24.8
10/13/2016 12:01:26	16.67586	16.70506	16.6522	763.3057	763.4	763.3	25.33644	25.4	25.2
10/13/2016 12:06:26	16.67586	16.70506	16.6522	763.3057	763.4	763.3	25.33644	25.4	25.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 12:11:26	16.67446	16.69172	16.64456	763.2892	763.3	763.2	25.75983	26	25.6
10/13/2016 12:16:26	16.67446	16.69172	16.64456	763.2892	763.3	763.2	25.75983	26	25.6
10/13/2016 12:21:26	16.67633	16.69881	16.65789	763.2965	763.3	763.2	26.0297	26.1	26
10/13/2016 12:26:26	16.67633	16.69881	16.65789	763.2965	763.3	763.2	26.0297	26.1	26
10/13/2016 12:31:26	16.67705	16.69049	16.65864	763.1642	763.2	763.1	26.08653	26.2	26
10/13/2016 12:36:26	16.67705	16.69049	16.65864	763.1642	763.2	763.1	26.08653	26.2	26
10/13/2016 12:41:26	16.67508	16.68763	16.65793	763.0919	763.1	763	26.33003	26.4	26.1
10/13/2016 12:46:26	16.67508	16.68763	16.65793	763.0919	763.1	763	26.33003	26.4	26.1
10/13/2016 12:51:26	16.6756	16.69546	16.65598	763.0229	763.1	763	26.41628	26.5	26.1
10/13/2016 12:56:26	16.67568	16.69338	16.64886	762.9586	763	762.9	26.51064	26.6	26.4
10/13/2016 13:01:26	16.67568	16.69338	16.64886	762.9586	763	762.9	26.51064	26.6	26.4
10/13/2016 13:06:26	16.67653	16.69639	16.65894	762.7477	762.9	762.7	26.49364	26.6	26.4
10/13/2016 13:11:26	16.67653	16.69639	16.65894	762.7477	762.9	762.7	26.49364	26.6	26.4
10/13/2016 13:16:26	16.67562	16.70829	16.65172	762.6371	762.8	762.4	26.64351	26.8	26.5
10/13/2016 13:21:26	16.67368	16.68948	16.65468	762.4771	762.6	762.4	26.86985	27	26.7
10/13/2016 13:26:26	16.67483	16.69593	16.65207	762.3344	762.4	762.3	27.01681	27.1	27
10/13/2016 13:31:26	16.67539	16.68804	16.65959	762.273	762.4	762.2	27.02599	27.1	27
10/13/2016 13:36:26	16.67539	16.68804	16.65959	762.273	762.4	762.2	27.02599	27.1	27
10/13/2016 13:41:26	16.67511	16.69243	16.65569	762.1	762.1	762.1	27.2499	27.3	27.1
10/13/2016 13:46:26	16.67511	16.69243	16.65569	762.1	762.1	762.1	27.2499	27.3	27.1
10/13/2016 13:51:26	16.67546	16.69508	16.66094	762.1723	762.2	762.1	27.54351	27.7	27.4
10/13/2016 13:56:26	16.67546	16.69508	16.66094	762.1723	762.2	762.1	27.54351	27.7	27.4
10/13/2016 14:01:26	16.67654	16.69536	16.66132	762.0899	762.1	762	27.80022	27.9	27.7
10/13/2016 14:06:26	16.67654	16.69536	16.66132	762.0899	762.1	762	27.80022	27.9	27.7
10/13/2016 14:11:26	16.67555	16.68764	16.66184	762.0168	762.1	762	27.77396	27.9	27.7
10/13/2016 14:16:26	16.67637	16.6941	16.66402	761.8354	761.9	761.8	27.71011	27.8	27.7
10/13/2016 14:21:26	16.67637	16.6941	16.66402	761.8354	761.9	761.8	27.68656	27.7	27.6
10/13/2016 14:26:26	16.67469	16.68928	16.65956	761.8621	761.9	761.8	27.29066	27.4	27.1
10/13/2016 14:31:26	16.67469	16.68928	16.65956	761.8621	761.9	761.8	27.29066	27.4	27.1
10/13/2016 14:36:26	16.67435	16.68993	16.65047	761.7	761.7	761.7	26.7097	27	26.6
10/13/2016 14:41:26	16.67435	16.68993	16.65047	761.7	761.7	761.7	26.7097	27	26.6
10/13/2016 14:46:26	16.67284	16.6894	16.66037	761.6965	761.7	761.6	26.56662	26.7	26.4
10/13/2016 14:51:26	16.67531	16.69641	16.65453	761.6151	761.7	761.6	26.50673	26.6	26.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 14:56:26	16.67531	16.69641	16.65453	761.6151	761.7	761.6	26.50673	26.6	26.4
10/13/2016 15:01:26	16.67337	16.70042	16.65373	761.6637	761.7	761.6	26.64035	26.8	26.6
10/13/2016 15:06:26	16.67337	16.70042	16.65373	761.6637	761.7	761.6	26.64035	26.8	26.6
10/13/2016 15:11:26	16.67352	16.6872	16.65453	761.6993	761.7	761.6	26.65046	26.8	26.6
10/13/2016 15:16:26	16.67352	16.6872	16.65453	761.6993	761.7	761.6	26.65046	26.8	26.6
10/13/2016 15:21:26	16.67467	16.69849	16.65747	761.6218	761.7	761.6	26.60337	26.7	26.5
10/13/2016 15:26:26	16.67629	16.68945	16.65554	761.6	761.6	761.6	26.44677	26.6	26.4
10/13/2016 15:31:26	16.67629	16.68945	16.65554	761.6	761.6	761.6	26.44677	26.6	26.4
10/13/2016 15:36:26	16.67642	16.69652	16.65554	761.6	761.6	761.6	26.18712	26.4	26.1
10/13/2016 15:41:26	16.67412	16.68945	16.65208	761.5259	761.6	761.5	26.10336	26.2	26
10/13/2016 15:46:26	16.67412	16.68945	16.65208	761.5259	761.6	761.5	26.10336	26.2	26
10/13/2016 15:51:26	16.67292	16.68731	16.6619	761.5	761.5	761.5	25.96263	26.1	25.8
10/13/2016 15:56:26	16.67328	16.6915	16.65058	761.5	761.5	761.5	25.77394	25.9	25.6
10/13/2016 16:01:26	16.67343	16.68853	16.65549	761.4829	761.5	761.4	25.66393	25.9	25.6
10/13/2016 16:06:26	16.67381	16.69222	16.65624	761.4131	761.5	761.4	25.58991	25.6	25.5
10/13/2016 16:11:26	16.67556	16.6895	16.66263	761.4	761.4	761.4	25.59327	25.6	25.5
10/13/2016 16:16:26	16.67556	16.6895	16.66263	761.4	761.4	761.4	25.59327	25.6	25.5
10/13/2016 16:21:26	16.67637	16.6895	16.66409	761.4	761.4	761.4	25.64594	25.8	25.6
10/13/2016 16:26:26	16.67628	16.6895	16.65843	761.4	761.4	761.4	25.78653	25.9	25.6
10/13/2016 16:31:26	16.67628	16.6895	16.65843	761.4	761.4	761.4	25.78653	25.9	25.6
10/13/2016 16:36:26	16.67343	16.69222	16.66116	761.4	761.4	761.4	25.62014	25.8	25.5
10/13/2016 16:41:26	16.67622	16.69662	16.64863	761.4	761.4	761.4	25.51402	25.6	25.4
10/13/2016 16:46:26	16.67626	16.6895	16.65001	761.4	761.4	761.4	25.45628	25.5	25.4
10/13/2016 16:51:26	16.67684	16.6895	16.66409	761.4	761.4	761.4	25.41983	25.5	25.3
10/13/2016 16:56:26	16.67541	16.6946	16.65439	761.2609	761.4	761.2	25.3535	25.4	25.2
10/13/2016 17:01:26	16.6741	16.70101	16.65439	761.2	761.2	761.2	25.04642	25.3	24.9
10/13/2016 17:06:26	11.31554	16.68822	0	761.2	761.2	761.2	24.88196	25	24.7
10/13/2016 17:11:26	0	0	0	761.2791	761.3	761.2	24.62993	24.8	24.4
10/13/2016 17:16:26	0	0	0	761.2471	761.3	761.2	24.36626	24.6	24.3
10/13/2016 17:21:26	0	0	0	761.2081	761.3	761.2	24.19352	24.3	24.1
10/13/2016 17:26:26	0	0	0	761.1451	761.2	761.1	23.7137	24	23.6
10/13/2016 17:31:26	0	0	0	761.1451	761.2	761.1	23.7137	24	23.6
10/13/2016 17:36:26	0	0	0	761.1	761.1	761.1	23.21004	23.4	23.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 17:41:26	0	0	0	761.1	761.1	761.1	23.21004	23.4	23.1
10/13/2016 17:46:26	0	0	0	761.098	761.1	761	23.00977	23.1	22.9
10/13/2016 17:51:26	0	0	0	761.0067	761.1	761	22.84677	23	22.6
10/13/2016 17:56:26	0	0	0	761	761	761	22.43667	22.6	22.4
10/13/2016 18:01:26	0	0	0	761	761	761	22.43667	22.6	22.4
10/13/2016 18:06:26	0	0	0	760.9835	761	760.9	22.32322	22.4	22.3
10/13/2016 18:11:26	0	0	0	760.9521	761	760.9	22.15709	22.3	22
10/13/2016 18:16:26	0	0	0	760.9605	761	760.9	21.97705	22	21.9
10/13/2016 18:21:26	0	0	0	760.9202	761	760.8	21.87334	22	21.8
10/13/2016 18:26:26	0	0	0	760.8559	760.9	760.8	21.73702	21.8	21.6
10/13/2016 18:31:26	0	0	0	760.8737	761	760.8	21.57886	21.7	21.4
10/13/2016 18:36:26	0	0	0	760.8737	761	760.8	21.57886	21.7	21.4
10/13/2016 18:41:26	0	0	0	760.8743	761	760.8	21.4	21.6	21.3
10/13/2016 18:46:26	0	0	0	760.8158	760.9	760.8	21.31009	21.4	21.3
10/13/2016 18:51:26	0	0	0	760.8	760.8	760.8	21.24739	21.3	21.1
10/13/2016 18:56:26	0	0	0	760.8741	760.9	760.8	21.0899	21.1	21
10/13/2016 19:01:26	0	0	0	760.8741	760.9	760.8	21.0899	21.1	21
10/13/2016 19:06:26	0	0	0	760.9225	761	760.9	20.89085	21	20.7
10/13/2016 19:11:26	4.02929	17.74773	0	761	761	761	20.78514	21	20.7
10/13/2016 19:16:26	16.68162	16.69667	16.65592	761	761	761	20.62046	20.8	20.5
10/13/2016 19:21:26	16.67774	16.69667	16.65592	761.0004	761.1	761	20.46695	20.5	20.4
10/13/2016 19:26:26	16.67496	16.69678	16.65776	761.0912	761.1	761	20.33734	20.4	20.1
10/13/2016 19:31:26	16.67496	16.69678	16.65776	761.0912	761.1	761	20.33734	20.4	20.1
10/13/2016 19:36:26	16.67473	16.69678	16.65203	761.1	761.1	761.1	20.12355	20.4	20
10/13/2016 19:41:26	16.67291	16.69104	16.66179	761.1	761.1	761.1	19.99663	20	19.9
10/13/2016 19:46:26	16.67291	16.69104	16.66179	761.1	761.1	761.1	19.99663	20	19.9
10/13/2016 19:51:26	16.67428	16.69505	16.6658	761.1	761.1	761.1	19.94404	20	19.8
10/13/2016 19:56:26	16.67509	16.68884	16.65387	761.2	761.2	761.2	19.80673	19.9	19.8
10/13/2016 20:01:26	16.67555	16.6831	16.65387	761.2166	761.3	761.2	19.77983	19.8	19.6
10/13/2016 20:06:26	16.67318	16.69285	16.65614	761.2542	761.3	761.2	19.75288	19.8	19.6
10/13/2016 20:11:26	16.67318	16.69285	16.65614	761.2542	761.3	761.2	19.75288	19.8	19.6
10/13/2016 20:16:26	16.67538	16.69285	16.64641	761.2135	761.3	761.2	19.67208	19.8	19.6
10/13/2016 20:21:26	16.67339	16.69066	16.64422	761.2878	761.3	761.2	19.61345	19.8	19.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 20:26:26	16.67316	16.69066	16.65396	761.2969	761.3	761.2	19.59663	19.8	19.5
10/13/2016 20:31:26	16.67359	16.69066	16.65396	761.2919	761.3	761.2	19.54039	19.6	19.4
10/13/2016 20:36:26	16.67327	16.7004	16.64422	761.3	761.3	761.3	19.49295	19.6	19.4
10/13/2016 20:41:26	16.67418	16.69466	16.65396	761.3	761.3	761.3	19.42691	19.6	19.4
10/13/2016 20:46:26	16.67388	16.6929	16.66369	761.3	761.3	761.3	19.40673	19.5	19.4
10/13/2016 20:51:26	16.67388	16.6929	16.66369	761.3	761.3	761.3	19.40673	19.5	19.4
10/13/2016 20:56:26	16.67445	16.6929	16.65795	761.3	761.3	761.3	19.37307	19.4	19.3
10/13/2016 21:01:26	16.67445	16.6929	16.65795	761.3	761.3	761.3	19.37307	19.4	19.3
10/13/2016 21:06:26	16.67506	16.68715	16.66768	761.3	761.3	761.3	19.3431	19.4	19.3
10/13/2016 21:11:26	16.67186	16.68272	16.66324	761.4	761.4	761.4	19.31648	19.4	19.2
10/13/2016 21:16:26	16.67186	16.68272	16.66324	761.4	761.4	761.4	19.31648	19.4	19.2
10/13/2016 21:21:26	16.67325	16.68496	16.65576	761.4	761.4	761.4	19.30063	19.4	19.2
10/13/2016 21:26:26	16.67325	16.68496	16.65576	761.4	761.4	761.4	19.30063	19.4	19.2
10/13/2016 21:31:26	16.67394	16.68097	16.65576	761.4377	761.5	761.4	19.25141	19.3	19
10/13/2016 21:36:26	16.67564	16.67878	16.66904	761.5488	761.6	761.5	19.25692	19.3	19
10/13/2016 21:41:26	16.67564	16.67878	16.66904	761.5488	761.6	761.5	19.25692	19.3	19
10/13/2016 21:46:26	16.67494	16.69605	16.6651	761.6	761.6	761.6	19.21247	19.3	19
10/13/2016 21:51:26	16.67494	16.69605	16.6651	761.6	761.6	761.6	19.21247	19.3	19
10/13/2016 21:56:26	16.67394	16.6881	16.66111	761.6387	761.7	761.6	19.15486	19.3	19
10/13/2016 22:01:26	16.67692	16.69783	16.66291	761.7	761.7	761.7	19.08415	19.3	19
10/13/2016 22:06:26	16.67411	16.6881	16.66291	761.7539	761.8	761.7	19.06054	19.3	19
10/13/2016 22:11:26	16.67308	16.67619	16.66646	761.8	761.8	761.8	19.04374	19.2	18.9
10/13/2016 22:16:26	16.67308	16.67619	16.66646	761.8	761.8	761.8	19.04374	19.2	18.9
10/13/2016 22:21:26	16.67358	16.68989	16.66251	761.8232	761.9	761.8	18.98992	19.3	18.9
10/13/2016 22:26:26	16.67358	16.68989	16.66251	761.8232	761.9	761.8	18.98992	19.3	18.9
10/13/2016 22:31:26	16.67672	16.70357	16.64746	761.8	761.8	761.8	18.9569	19	18.8
10/13/2016 22:36:26	16.67724	16.69385	16.65717	761.8	761.8	761.8	18.94634	19	18.9
10/13/2016 22:41:26	16.67724	16.69385	16.65717	761.8	761.8	761.8	18.94634	19	18.9
10/13/2016 22:46:26	16.67676	16.6881	16.66688	761.8	761.8	761.8	18.89664	19	18.8
10/13/2016 22:51:26	16.67591	16.68629	16.65717	761.8	761.8	761.8	18.83626	18.9	18.8
10/13/2016 22:56:26	16.67424	16.68629	16.65717	761.8	761.8	761.8	18.82684	18.9	18.8
10/13/2016 23:01:26	16.67619	16.68629	16.66112	761.8	761.8	761.8	18.76372	18.9	18.7
10/13/2016 23:06:26	16.67619	16.68629	16.66112	761.8	761.8	761.8	18.76372	18.9	18.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 23:11:26	16.67517	16.68629	16.66112	761.8	761.8	761.8	18.72013	18.8	18.7
10/13/2016 23:16:26	16.67517	16.68629	16.66112	761.8	761.8	761.8	18.72013	18.8	18.7
10/13/2016 23:21:26	16.67685	16.69029	16.65717	761.7544	761.8	761.7	18.68324	18.8	18.4
10/13/2016 23:26:26	16.67739	16.68849	16.65935	761.7131	761.8	761.7	18.67046	18.7	18.4
10/13/2016 23:31:26	16.67527	16.69243	16.66331	761.7	761.7	761.7	18.64624	18.7	18.4
10/13/2016 23:36:26	16.67527	16.69243	16.66331	761.7	761.7	761.7	18.64624	18.7	18.4
10/13/2016 23:41:26	16.67478	16.68849	16.66112	761.7517	761.8	761.7	18.61007	18.7	18.4
10/13/2016 23:46:26	16.67478	16.68849	16.66112	761.7517	761.8	761.7	18.61007	18.7	18.4
10/13/2016 23:51:26	16.67449	16.68629	16.66331	761.7769	761.8	761.7	18.58788	18.7	18.4
10/13/2016 23:56:26	16.6722	16.69024	16.65142	761.8	761.8	761.8	18.55302	18.7	18.4
10/14/2016 00:01:26	16.67524	16.69418	16.66112	761.8	761.8	761.8	18.53085	18.7	18.4
10/14/2016 00:06:26	16.67671	16.68841	16.66107	761.802	761.9	761.8	18.44695	18.6	18.4
10/14/2016 00:11:26	16.67733	16.69811	16.66326	761.8	761.8	761.8	18.41341	18.6	18.4
10/14/2016 00:16:26	16.67751	16.69811	16.66107	761.8285	761.9	761.8	18.40672	18.6	18.4
10/14/2016 00:21:26	16.67751	16.69811	16.66107	761.8285	761.9	761.8	18.40672	18.6	18.4
10/14/2016 00:26:26	16.67586	16.68841	16.66326	761.8	761.8	761.8	18.39328	18.4	18.3
10/14/2016 00:31:26	16.67352	16.69234	16.65713	761.8211	761.9	761.8	18.38325	18.6	18.3
10/14/2016 00:36:26	16.67352	16.69234	16.65713	761.8211	761.9	761.8	18.38325	18.6	18.3
10/14/2016 00:41:26	16.67218	16.69234	16.66142	761.8121	761.9	761.8	18.34965	18.4	18.3
10/14/2016 00:46:26	16.67454	16.69234	16.65356	761.804	761.9	761.8	18.34359	18.4	18.3
10/14/2016 00:51:26	16.67454	16.69234	16.65356	761.804	761.9	761.8	18.34359	18.4	18.3
10/14/2016 00:56:26	16.67673	16.69015	16.65348	761.9	761.9	761.9	18.33356	18.4	18.3
10/14/2016 01:01:26	16.67673	16.69015	16.65348	761.9	761.9	761.9	18.33356	18.4	18.3
10/14/2016 01:06:26	16.67659	16.69984	16.65348	761.9	761.9	761.9	18.33017	18.4	18.3
10/14/2016 01:11:26	16.6726	16.69984	16.64955	761.8829	761.9	761.8	18.3772	18.4	18.3
10/14/2016 01:16:26	16.6726	16.69984	16.64955	761.8829	761.9	761.8	18.3772	18.4	18.3
10/14/2016 01:21:26	16.67607	16.69015	16.64955	761.9	761.9	761.9	18.38323	18.4	18.3
10/14/2016 01:26:26	16.67607	16.69015	16.64955	761.9	761.9	761.9	18.38323	18.4	18.3
10/14/2016 01:31:26	16.6747	16.69015	16.65924	761.9009	762	761.9	18.38992	18.6	18.3
10/14/2016 01:36:26	16.67624	16.69546	16.65669	762.1104	762.2	762.1	18.4067	18.6	18.4
10/14/2016 01:41:26	16.67602	16.69904	16.66419	762.198	762.2	762.1	18.41343	18.6	18.4
10/14/2016 01:46:26	16.67563	16.68934	16.66419	762.201	762.3	762.2	18.41343	18.6	18.4
10/14/2016 01:51:26	16.67563	16.68934	16.66419	762.201	762.3	762.2	18.53627	18.7	18.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 01:56:25	16.67765	16.69117	16.65808	762.2443	762.3	762.2	18.67044	18.8	18.4
10/14/2016 02:01:26	16.67687	16.68898	16.65057	762.2175	762.3	762.2	18.73355	18.8	18.6
10/14/2016 02:06:26	16.67664	16.68934	16.66383	762.2899	762.3	762.2	18.84702	19	18.8
10/14/2016 02:11:26	16.67664	16.68934	16.66383	762.2899	762.3	762.2	18.84702	19	18.8
10/14/2016 02:16:26	16.67565	16.69292	16.65632	762.2587	762.3	762.2	18.98323	19.2	18.9
10/14/2016 02:21:26	16.67629	16.69292	16.66201	762.3043	762.4	762.3	19.00331	19.2	18.8
10/14/2016 02:26:26	16.67629	16.69292	16.66201	762.3043	762.4	762.3	19.00331	19.2	18.8
10/14/2016 02:31:26	16.67425	16.68934	16.66201	762.2789	762.3	762.2	19.17313	19.3	19
10/14/2016 02:36:26	16.67648	16.68934	16.66245	762.1755	762.3	762.1	19.20943	19.3	19
10/14/2016 02:41:26	16.67648	16.68934	16.66245	762.1755	762.3	762.1	19.20943	19.3	19
10/14/2016 02:46:26	16.67395	16.69337	16.66245	762.0594	762.1	762	19.25305	19.3	19
10/14/2016 02:51:26	16.67378	16.6876	16.65669	762.1	762.1	762.1	19.28994	19.3	19.2
10/14/2016 02:56:26	16.67378	16.6876	16.65669	762.1	762.1	762.1	19.28994	19.3	19.2
10/14/2016 03:01:25	16.67374	16.69337	16.66245	762.1	762.1	762.1	19.30337	19.4	19.2
10/14/2016 03:06:26	16.67415	16.6876	16.66245	762.0959	762.1	762	19.3228	19.4	19.2
10/14/2016 03:11:25	16.67534	16.69337	16.66245	762.1	762.1	762.1	19.36043	19.4	19.3
10/14/2016 03:16:26	16.67429	16.6876	16.65494	762.0342	762.2	762	19.40672	19.5	19.3
10/14/2016 03:21:26	16.67429	16.6876	16.65494	762.0342	762.2	762	19.40672	19.5	19.3
10/14/2016 03:26:26	16.6743	16.68979	16.651	761.9796	762	761.9	19.43287	19.6	19.4
10/14/2016 03:31:26	16.67513	16.69775	16.6607	761.9342	762	761.9	19.4758	19.6	19.4
10/14/2016 03:36:26	16.67513	16.69775	16.6607	761.9342	762	761.9	19.4758	19.6	19.4
10/14/2016 03:41:26	16.67552	16.69765	16.66455	762.0554	762.1	762	19.53763	19.6	19.4
10/14/2016 03:46:26	16.67552	16.69765	16.66455	762.0554	762.1	762	19.53763	19.6	19.4
10/14/2016 03:51:26	16.67632	16.69592	16.65494	761.9415	762.1	761.9	19.44701	19.6	19.4
10/14/2016 03:56:26	16.67536	16.69765	16.65275	762.0399	762.2	762	19.43023	19.6	19.4
10/14/2016 04:01:26	16.67536	16.69765	16.65275	762.0399	762.2	762	19.43023	19.6	19.4
10/14/2016 04:06:25	16.6775	16.69765	16.65888	762.0292	762.2	762	19.41944	19.5	19.3
10/14/2016 04:11:26	16.67498	16.69373	16.66464	762	762	762	19.40741	19.6	19.3
10/14/2016 04:16:25	16.67387	16.68979	16.65494	762	762	762	19.38995	19.5	19.3
10/14/2016 04:21:26	16.67409	16.6876	16.65275	762.097	762.1	762	19.39664	19.5	19.3
10/14/2016 04:26:26	16.67365	16.68942	16.66426	762.105	762.2	762.1	19.43354	19.6	19.4
10/14/2016 04:31:25	16.67365	16.68942	16.66426	762.105	762.2	762.1	19.43354	19.6	19.4
10/14/2016 04:36:26	16.67536	16.69699	16.6506	762.1	762.1	762.1	19.55631	19.6	19.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 04:41:25	16.67536	16.69699	16.6506	762.1	762.1	762.1	19.55631	19.6	19.4
10/14/2016 04:46:26	16.6768	16.69303	16.6621	762.1	762.1	762.1	19.60671	19.8	19.4
10/14/2016 04:51:26	16.67418	16.70095	16.65593	762.1859	762.3	762.1	19.75297	19.8	19.6
10/14/2016 04:56:25	16.67418	16.70095	16.65593	762.1859	762.3	762.1	19.75297	19.8	19.6
10/14/2016 05:01:26	16.67622	16.69117	16.65237	762.2819	762.4	762.2	19.79329	19.8	19.6
10/14/2016 05:06:25	16.67622	16.69117	16.65237	762.2819	762.4	762.2	19.79329	19.8	19.6
10/14/2016 05:11:26	16.67527	16.70087	16.65195	762.3334	762.4	762.2	19.77647	19.9	19.6
10/14/2016 05:16:25	16.67495	16.70087	16.65589	762.2997	762.4	762.2	19.74629	19.8	19.6
10/14/2016 05:21:26	16.67519	16.70087	16.65589	762.2917	762.4	762.2	19.71752	19.8	19.5
10/14/2016 05:26:26	16.67311	16.69117	16.66207	762.198	762.2	762.1	19.61003	19.8	19.5
10/14/2016 05:31:25	16.67311	16.69117	16.66207	762.198	762.2	762.1	19.61003	19.8	19.5
10/14/2016 05:36:25	16.67238	16.68723	16.66207	762.2	762.2	762.2	19.58656	19.6	19.4
10/14/2016 05:41:26	16.67603	16.68723	16.66207	762.2	762.2	762.2	19.60333	19.8	19.4
10/14/2016 05:46:25	16.6777	16.68904	16.66782	762.2	762.2	762.2	19.59661	19.8	19.5
10/14/2016 05:51:26	16.67695	16.6948	16.64842	762.1594	762.2	762.1	19.647	19.8	19.6
10/14/2016 05:56:25	16.6767	16.68727	16.65813	762.1	762.1	762.1	19.72617	19.8	19.6
10/14/2016 06:01:26	16.67625	16.69699	16.65812	762.1899	762.2	762.1	19.81008	19.9	19.6
10/14/2016 06:06:26	16.67819	16.69875	16.65812	762.2	762.2	762.2	19.85711	20	19.8
10/14/2016 06:11:25	16.67819	16.69875	16.65812	762.2	762.2	762.2	19.85711	20	19.8
10/14/2016 06:16:25	16.67439	16.69694	16.64405	762.3124	762.4	762.2	19.90004	20	19.8
10/14/2016 06:21:26	16.67076	16.69036	16.65156	762.5033	762.6	762.3	19.98991	20.1	19.9
10/14/2016 06:26:25	16.67076	16.69036	16.65156	762.5033	762.6	762.3	19.98991	20.1	19.9
10/14/2016 06:31:25	16.67586	16.69656	16.65908	762.4438	762.6	762.3	19.99328	20.1	19.9
10/14/2016 06:36:25	16.67613	16.69787	16.65908	762.4942	762.6	762.3	19.98992	20.1	19.9
10/14/2016 06:41:26	16.67474	16.69694	16.66126	762.408	762.5	762.2	19.96977	20	19.9
10/14/2016 06:46:25	16.67474	16.69694	16.66126	762.408	762.5	762.2	19.96977	20	19.9
10/14/2016 06:51:25	16.67517	16.69875	16.66345	762.3162	762.4	762.2	19.96642	20	19.9
10/14/2016 06:56:25	16.67297	16.69255	16.66345	762.3969	762.4	762.2	19.953	20	19.9
10/14/2016 07:01:25	16.67297	16.69255	16.66345	762.3969	762.4	762.2	19.953	20	19.9
10/14/2016 07:06:25	16.67338	16.68504	16.65375	762.4164	762.5	762.3	19.9302	20	19.8
10/14/2016 07:11:25	16.67181	16.69437	16.65156	762.472	762.5	762.2	19.96044	20	19.9
10/14/2016 07:16:26	16.67391	16.68865	16.66347	762.2846	762.3	762.2	19.93954	20	19.9
10/14/2016 07:21:25	16.67391	16.68865	16.66347	762.2846	762.3	762.2	19.93954	20	19.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 07:26:25	16.67557	16.68904	16.66169	762.2	762.2	762.2	19.90677	20	19.8
10/14/2016 07:31:25	16.67577	16.68723	16.66566	762.2	762.2	762.2	19.92017	20	19.8
10/14/2016 07:36:25	16.67122	16.69474	16.65156	762.4728	762.5	762.3	19.97986	20	19.9
10/14/2016 07:41:25	16.67122	16.69474	16.65156	762.4728	762.5	762.3	19.97986	20	19.9
10/14/2016 07:46:25	16.6738	16.70013	16.65375	762.4136	762.6	762.3	20.00335	20.1	19.9
10/14/2016 07:51:26	16.67597	16.69218	16.66659	762.6365	762.7	762.5	19.98994	20.1	19.9
10/14/2016 07:56:25	16.67597	16.69218	16.66659	762.6365	762.7	762.5	19.98994	20.1	19.9
10/14/2016 08:01:25	16.67632	16.69787	16.65689	762.6827	762.7	762.6	19.96122	20	19.8
10/14/2016 08:06:25	16.6762	16.6975	16.6547	762.7526	762.8	762.7	19.93359	20	19.8
10/14/2016 08:11:25	16.67384	16.6975	16.6547	762.7526	762.8	762.7	19.93359	20	19.8
10/14/2016 08:16:25	16.67384	16.6975	16.6547	762.7806	762.8	762.7	19.95296	20	19.9
10/14/2016 08:21:25	16.67215	16.69531	16.65252	762.8859	762.9	762.8	19.94294	20	19.9
10/14/2016 08:26:25	16.67215	16.69531	16.65252	762.8859	762.9	762.8	19.94294	20	19.9
10/14/2016 08:31:25	16.67463	16.69136	16.64501	762.8375	762.9	762.8	19.94959	20	19.9
10/14/2016 08:36:25	16.67463	16.69136	16.64501	762.8375	762.9	762.8	19.94959	20	19.9
10/14/2016 08:41:25	16.67836	16.68917	16.66006	762.9	762.9	762.9	20.00598	20.1	19.9
10/14/2016 08:46:25	16.67836	16.68917	16.66006	762.9	762.9	762.9	20.00598	20.1	19.9
10/14/2016 08:51:25	16.67856	16.69888	16.65252	762.9	762.9	762.9	20.08654	20.1	20
10/14/2016 08:56:25	16.67856	16.69888	16.65252	762.9	762.9	762.9	20.08654	20.1	20
10/14/2016 09:01:25	16.67492	16.69274	16.66362	762.9595	763	762.9	20.17309	20.4	20.1
10/14/2016 09:06:25	16.6744	16.69672	16.65568	763.004	763.1	762.9	20.39251	20.5	20.1
10/14/2016 09:11:25	16.6744	16.69672	16.65568	763.004	763.1	762.9	20.39251	20.5	20.1
10/14/2016 09:16:25	16.67293	16.69412	16.65349	763.1567	763.2	763.1	20.67389	20.8	20.5
10/14/2016 09:21:25	16.67293	16.69412	16.65349	763.1567	763.2	763.1	20.67389	20.8	20.5
10/14/2016 09:26:25	16.67224	16.69015	16.65306	763.1436	763.3	763.1	20.7261	20.8	20.6
10/14/2016 09:31:25	16.67413	16.69768	16.65879	763.2022	763.3	763.1	20.79997	21	20.7
10/14/2016 09:36:25	16.67399	16.69549	16.66234	763.3	763.3	763.3	21.06049	21.1	21
10/14/2016 09:41:25	16.67399	16.69549	16.66234	763.3	763.3	763.3	21.06049	21.1	21
10/14/2016 09:46:25	16.67638	16.69719	16.65653	763.2628	763.3	763.2	21.11009	21.3	21
10/14/2016 09:51:25	16.67638	16.69719	16.65653	763.2628	763.3	763.2	21.11009	21.3	21
10/14/2016 09:56:25	16.67462	16.691	16.66178	763.2686	763.3	763.2	21.15216	21.3	21.1
10/14/2016 10:01:25	16.67537	16.70246	16.65776	763.2917	763.3	763.2	21.24626	21.3	21.1
10/14/2016 10:06:25	16.67321	16.691	16.65204	763.3	763.3	763.3	21.48057	21.7	21.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 10:11:25	16.67321	16.691	16.65204	763.3	763.3	763.3	21.48057	21.7	21.4
10/14/2016 10:16:25	16.67447	16.69673	16.65373	763.3	763.3	763.3	21.71678	21.8	21.7
10/14/2016 10:21:25	16.67447	16.69673	16.65373	763.3	763.3	763.3	21.71678	21.8	21.7
10/14/2016 10:26:25	16.6756	16.69425	16.65373	763.2443	763.3	763.2	21.89919	22	21.8
10/14/2016 10:31:25	16.6756	16.69425	16.65373	763.2443	763.3	763.2	21.89919	22	21.8
10/14/2016 10:36:25	16.67563	16.6902	16.65591	763.2272	763.3	763.2	22.316	22.4	22.2
10/14/2016 10:41:25	16.67563	16.6902	16.65591	763.2272	763.3	763.2	22.316	22.4	22.2
10/14/2016 10:46:25	16.67543	16.69257	16.65591	763.201	763.3	763.2	22.37647	22.4	22.3
10/14/2016 10:51:25	16.67481	16.69425	16.65188	763.2	763.2	763.2	22.41938	22.5	22.4
10/14/2016 10:56:25	16.67545	16.69257	16.65925	763.2	763.2	763.2	22.48237	22.6	22.4
10/14/2016 11:01:25	16.67271	16.68853	16.66496	763.197	763.2	763.1	22.57149	22.8	22.5
10/14/2016 11:06:25	16.67561	16.6902	16.6609	763.2	763.2	763.2	22.67906	22.8	22.5
10/14/2016 11:11:25	16.67561	16.6902	16.6609	763.2	763.2	763.2	22.67906	22.8	22.5
10/14/2016 11:16:25	16.67633	16.69732	16.65656	763.1857	763.2	763.1	22.78657	22.9	22.6
10/14/2016 11:21:25	16.67405	16.68998	16.65902	763.1	763.1	763.1	22.86641	22.9	22.8
10/14/2016 11:26:25	16.67635	16.70683	16.65406	763.0565	763.1	763	22.93616	23	22.8
10/14/2016 11:31:25	16.67464	16.69293	16.64427	763.0232	763.1	763	23.06737	23.4	23
10/14/2016 11:36:25	16.67532	16.69542	16.65466	763.0081	763.1	763	23.30257	23.4	23.1
10/14/2016 11:41:25	16.67629	16.69703	16.64645	762.999	763	762.9	23.38657	23.5	23.2
10/14/2016 11:46:25	16.67533	16.69703	16.65332	762.9819	763	762.9	23.47232	23.6	23.4
10/14/2016 11:51:25	16.67471	16.69764	16.65332	762.9332	763	762.9	23.68913	23.8	23.6
10/14/2016 11:56:25	16.67471	16.69764	16.65332	762.9332	763	762.9	23.68913	23.8	23.6
10/14/2016 12:01:25	16.67361	16.68882	16.65332	762.9617	763	762.9	23.82865	24	23.7
10/14/2016 12:06:25	16.67583	16.70093	16.65113	762.9129	763	762.8	24.00928	24.1	23.8
10/14/2016 12:11:25	16.67507	16.69101	16.66158	762.9	762.9	762.9	24.18731	24.3	24.1
10/14/2016 12:16:25	16.67507	16.69101	16.66158	762.9	762.9	762.9	24.18731	24.3	24.1
10/14/2016 12:21:25	16.67652	16.7077	16.64568	762.7887	762.8	762.7	24.03358	24.1	24
10/14/2016 12:26:25	16.67652	16.7077	16.64568	762.7887	762.8	762.7	24.03358	24.1	24
10/14/2016 12:31:25	16.6769	16.69915	16.65224	762.5574	762.6	762.5	23.9824	24.1	23.8
10/14/2016 12:36:25	16.6769	16.69915	16.65224	762.5574	762.6	762.5	23.9824	24.1	23.8
10/14/2016 12:41:25	16.67474	16.70096	16.65443	762.3768	762.5	762.2	24.11184	24.3	24.1
10/14/2016 12:46:25	16.67474	16.70096	16.65443	762.3768	762.5	762.2	24.11184	24.3	24.1
10/14/2016 12:51:25	16.6741	16.68802	16.65507	762.3839	762.4	762.3	24.26973	24.3	24.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 12:56:25	16.67614	16.69485	16.65965	762.3221	762.4	762.3	24.22095	24.3	24.1
10/14/2016 13:01:25	16.67691	16.70643	16.65965	762.1925	762.3	762	24.16976	24.3	24.1
10/14/2016 13:06:25	16.67483	16.70026	16.65116	762.0704	762.1	761.9	24.35469	24.6	24.3
10/14/2016 13:11:25	16.67483	16.70026	16.65116	762.0704	762.1	761.9	24.35469	24.6	24.3
10/14/2016 13:16:25	16.67455	16.7012	16.65169	761.903	762	761.8	24.85628	25	24.7
10/14/2016 13:21:25	16.67455	16.7012	16.65169	761.903	762	761.8	24.85628	25	24.7
10/14/2016 13:26:25	16.67439	16.69407	16.65553	761.8927	761.9	761.8	24.99329	25.2	24.9
10/14/2016 13:31:25	16.67515	16.69479	16.6524	761.801	761.9	761.8	25.02449	25.3	24.9
10/14/2016 13:36:25	16.67719	16.69148	16.66099	761.7412	761.8	761.6	25.14542	25.3	25
10/14/2016 13:41:25	16.67483	16.6951	16.6491	761.6779	761.7	761.6	25.39243	25.5	25.3
10/14/2016 13:46:25	16.67407	16.69432	16.64702	761.6597	761.7	761.6	25.6144	25.9	25.5
10/14/2016 13:51:25	16.67512	16.69366	16.65413	761.611	761.7	761.6	25.93953	26.1	25.8
10/14/2016 13:56:25	16.67574	16.69652	16.65554	761.6	761.6	761.6	26.0832	26.4	26
10/14/2016 14:01:25	16.67566	16.69366	16.65266	761.5544	761.6	761.5	26.30259	26.4	26.1
10/14/2016 14:06:25	16.67524	16.69431	16.65194	761.501	761.6	761.5	26.48573	26.6	26.4
10/14/2016 14:11:25	16.67511	16.69159	16.66185	761.5	761.5	761.5	26.65295	26.8	26.6
10/14/2016 14:16:25	16.67261	16.68868	16.65194	761.499	761.5	761.4	26.88908	27	26.7
10/14/2016 14:21:25	16.67593	16.69805	16.65704	761.4161	761.5	761.4	26.99998	27.1	26.8
10/14/2016 14:26:25	16.67557	16.68743	16.66109	761.3373	761.4	761.3	27.11344	27.2	27.1
10/14/2016 14:31:25	16.67557	16.68743	16.66109	761.3373	761.4	761.3	27.11344	27.2	27.1
10/14/2016 14:36:25	16.6748	16.69735	16.65468	761.3	761.3	761.3	27.18914	27.3	27.1
10/14/2016 14:41:25	16.6735	16.69143	16.64343	761.3	761.3	761.3	27.33615	27.4	27.3
10/14/2016 14:46:25	16.67714	16.69706	16.6564	761.2401	761.3	761.1	27.52274	27.7	27.4
10/14/2016 14:51:25	16.6723	16.70347	16.65014	761.2274	761.3	761.1	27.72941	27.9	27.6
10/14/2016 14:56:25	16.67585	16.68931	16.65765	761.2	761.2	761.2	27.76051	27.9	27.7
10/14/2016 15:01:25	16.67585	16.68931	16.65765	761.2	761.2	761.2	27.76051	27.9	27.7
10/14/2016 15:06:25	16.67482	16.70357	16.65513	761.2	761.2	761.2	27.5613	27.7	27.4
10/14/2016 15:11:25	16.67426	16.69225	16.65452	761.1708	761.3	761.1	27.46387	27.7	27.4
10/14/2016 15:16:25	16.67426	16.69225	16.65452	761.1708	761.3	761.1	27.46387	27.7	27.4
10/14/2016 15:21:25	16.67283	16.69925	16.65513	761.2	761.2	761.2	27.46721	27.6	27.3
10/14/2016 15:26:25	16.67691	16.69493	16.65947	761.2	761.2	761.2	27.33365	27.4	27.3
10/14/2016 15:31:25	16.67648	16.68962	16.6585	761.2061	761.3	761.2	27.10082	27.3	27
10/14/2016 15:36:25	16.67648	16.68962	16.6585	761.2061	761.3	761.2	27.10082	27.3	27

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 15:41:25	16.67544	16.69256	16.65724	761.1796	761.2	761.1	26.68735	26.8	26.6
10/14/2016 15:46:25	16.67544	16.69256	16.65724	761.1796	761.2	761.1	26.68735	26.8	26.6
10/14/2016 15:51:25	16.67398	16.70321	16.66005	761.1375	761.2	761.1	26.54118	26.7	26.4
10/14/2016 15:56:25	16.6734	16.69332	16.66005	761.1779	761.2	761.1	26.38995	26.5	26.1
10/14/2016 16:01:25	16.67561	16.69332	16.64671	761.106	761.2	761.1	26.20007	26.4	26.1
10/14/2016 16:06:25	16.67561	16.69332	16.64671	761.106	761.2	761.1	26.20007	26.4	26.1
10/14/2016 16:11:25	16.6726	16.69332	16.65658	761.0917	761.1	761	26.1168	26.2	26
10/14/2016 16:16:25	16.67716	16.69552	16.66162	761.0081	761.1	761	26	26.1	25.9
10/14/2016 16:21:25	16.67411	16.69979	16.66084	761.0717	761.1	761	26.05631	26.2	26
10/14/2016 16:26:25	16.67411	16.69979	16.66084	761.0717	761.1	761	26.05631	26.2	26
10/14/2016 16:31:25	16.67304	16.69052	16.66084	761.1	761.1	761.1	26.05715	26.1	26
10/14/2016 16:36:25	16.67304	16.69052	16.66084	761.1	761.1	761.1	26.05715	26.1	26
10/14/2016 16:41:25	16.67479	16.6891	16.66224	761.105	761.2	761.1	25.85209	26	25.6
10/14/2016 16:46:25	16.67479	16.6891	16.66224	761.105	761.2	761.1	25.85209	26	25.6
10/14/2016 16:51:25	16.67484	16.69476	16.65658	761.108	761.2	761.1	25.62351	25.8	25.5
10/14/2016 16:56:25	16.67446	16.69041	16.65513	761.1677	761.2	761.1	25.42101	25.5	25.3
10/14/2016 17:01:25	16.67688	16.68894	16.64947	761.1383	761.2	761.1	25.28647	25.4	25
10/14/2016 17:06:25	16.67647	16.68894	16.65787	761.1	761.1	761.1	24.99073	25.2	24.9
10/14/2016 17:11:25	16.67348	16.68704	16.65186	761.1	761.1	761.1	24.43102	24.8	24.3
10/14/2016 17:16:25	16.67619	16.69532	16.65859	761.1	761.1	761.1	24.03954	24.3	23.7
10/14/2016 17:21:25	16.67619	16.69532	16.65859	761.1	761.1	761.1	24.03954	24.3	23.7
10/14/2016 17:26:25	16.67571	16.69532	16.65859	761.1	761.1	761.1	23.62187	23.8	23.4
10/14/2016 17:31:25	16.67405	16.68804	16.66271	761.1	761.1	761.1	23.24462	23.5	23
10/14/2016 17:36:25	16.67611	16.69685	16.65603	761	761	761	22.63194	22.8	22.4
10/14/2016 17:41:25	16.67611	16.69685	16.65603	761	761	761	22.63194	22.8	22.4
10/14/2016 17:46:25	16.67626	16.68951	16.66012	761	761	761	22.22858	22.3	22
10/14/2016 17:51:25	16.67626	16.68951	16.66012	761	761	761	22.22858	22.3	22
10/14/2016 17:56:25	16.67438	16.69413	16.64544	760.9211	761	760.9	21.79078	21.9	21.7
10/14/2016 18:01:25	16.67438	16.69413	16.64544	760.9211	761	760.9	21.79078	21.9	21.7
10/14/2016 18:06:25	16.67627	16.69652	16.65355	760.9738	761	760.9	21.51427	21.7	21.3
10/14/2016 18:11:25	16.67627	16.69652	16.65355	760.9738	761	760.9	21.51427	21.7	21.3
10/14/2016 18:16:25	16.6752	16.69483	16.65355	760.9383	761	760.9	21.3504	21.4	21.3
10/14/2016 18:21:25	16.67697	16.69483	16.65761	760.9334	761	760.9	21.22941	21.3	21.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 18:26:25	16.67698	16.69887	16.65761	760.9849	761	760.9	21.02019	21.1	20.8
10/14/2016 18:31:25	16.67698	16.69887	16.65761	760.9849	761	760.9	21.02019	21.1	20.8
10/14/2016 18:36:25	16.67567	16.69667	16.65592	761	761	761	20.88909	21	20.7
10/14/2016 18:41:25	16.67489	16.69897	16.64447	761	761	761	20.63778	20.7	20.5
10/14/2016 18:46:25	16.67489	16.69897	16.64447	761	761	761	20.63778	20.7	20.5
10/14/2016 18:51:25	16.67547	16.69323	16.65422	761.001	761.1	761	20.47644	20.5	20.4
10/14/2016 18:56:25	16.67438	16.69323	16.66179	761.0062	761.1	761	20.39666	20.5	20.2
10/14/2016 19:01:25	16.67438	16.69323	16.66179	761.0062	761.1	761	20.39666	20.5	20.2
10/14/2016 19:06:25	16.67293	16.69448	16.65373	761.1	761.1	761.1	20.13362	20.4	20.1
10/14/2016 19:11:25	16.67293	16.69448	16.65373	761.1	761.1	761.1	20.13362	20.4	20.1
10/14/2016 19:16:25	11.4691	16.6852	0	761.0911	761.1	761	20.04961	20.1	20
10/14/2016 19:21:25	0	0	0	761.0031	761.1	761	20.03698	20.1	20
10/14/2016 19:26:25	0	0	0	761.0192	761.1	761	20.05716	20.1	20
10/14/2016 19:31:25	0	0	0	761.0131	761.1	761	20.04955	20.1	20
10/14/2016 19:36:25	0	0	0	761.0403	761.1	761	20.0361	20.1	20
10/14/2016 19:41:25	0	0	0	761.0403	761.1	761	20.0361	20.1	20
10/14/2016 19:46:25	0	0	0	761.0071	761.1	761	20.01009	20.1	20

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
25.8763	26.1	25.8	0	0	0	2.57787	3	2.4	0.02569	0	0.02638	2.2E+08
17.60353	18	17.2	22.57322	114.2678	0	0.83676	1.7	0.19999	0.02569	0.01611	0.02638	2.2E+08
17.60353	18	17.2	22.57322	114.2678	0	0.83676	1.7	0.19999	0.02669	0	0.02638	2.2E+08
18.08434	18.2	17.9	2.12269	15.04544	0	1.58725	1.8	1.4	0.02669	0	0.02638	2.2E+08
18.23687	18.4	18	0	0	0	1.63359	1.9	1.5	0.02669	0	0.02638	2.2E+08
18.31342	18.4	18.2	0	0	0	1.67651	1.8	1.6	0.02669	0	0.02638	2.2E+08
18.31342	18.4	18.2	0	0	0	1.67651	1.8	1.6	0.02669	0	0.02638	2.2E+08
18.31274	18.4	18.2	0	0	0	1.77115	1.9	1.6	0.02669	0	0.02638	2.2E+08
18.38993	18.5	18.3	0	0	0	1.77045	2	1.6	0.02669	0	0.02638	2.2E+08
18.44363	18.5	18.4	0	0	0	1.87044	2	1.6	0.02669	0	0.02638	2.2E+08
18.48321	18.6	18.4	0	0	0	1.92012	2	1.8	0.02669	0	0.02638	2.2E+08
18.71074	18.9	18.5	0	0	0	1.75973	1.9	1.6	0.02669	0	0.02638	2.2E+08
18.71074	18.9	18.5	0	0	0	1.75973	1.9	1.6	0.02669	0	0.02638	2.2E+08
18.83959	18.9	18.6	0	0	0	1.69394	1.9	1.6	0.02669	0	0.02638	2.2E+08
18.92079	19.1	18.8	0	0	0	1.84229	2	1.7	0.02669	0	0.02638	2.2E+08
18.88657	19	18.8	0	0	0	2.00402	2.19999	1.7	0.02669	0	0.02638	2.2E+08
18.88657	19	18.8	0	0	0	2.00402	2.2	1.8	0.02669	0	0.02638	2.2E+08
18.9939	19.2	18.8	0	0	0	2.02622	2.2	1.7	0.02669	0	0.02638	2.2E+08
19.22352	19.4	19.1	0	0	0	1.88652	2.2	1.7	0.02669	0	0.02638	2.2E+08
19.58048	19.7	19.5	0	0	0	1.77588	1.9	1.6	0.02669	0	0.02638	2.2E+08
19.69327	19.8	19.5	0	0	0	1.83087	2.2	1.6	0.02669	0	0.02638	2.2E+08
19.87048	20.1	19.8	0	0	0	1.83956	2	1.5	0.02669	0	0.02638	2.2E+08
20.01809	20.2	19.7	0	0	0	1.80269	2.1	1.7	0.02669	0	0.02638	2.2E+08
20.01809	20.2	19.7	0	0	0	1.80269	2.1	1.7	0.02669	0	0.02638	2.2E+08
19.87383	20.1	19.7	0	0	0	2.29727	2.6	1.9	0.02669	0	0.02638	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.87383	20.1	19.7	0	0	0	2.29727	2.6	1.9	0.02669	0	0.02638	2.2E+08
20.01807	20.2	19.8	0	0	0	2.29533	2.5	2.1	0.02669	0	0.02638	2.2E+08
20.15909	20.3	20	0	0	0	2.38186	2.5	2.1	0.02669	0	0.02638	2.2E+08
20.18121	20.4	19.8	0	0	0	2.58652	2.8	2.4	0.02669	0	0.02638	2.2E+08
20.23419	20.4	20.1	0	0	0	2.63623	2.7	2.5	0.02669	0	0.02638	2.2E+08
20.23419	20.4	20.1	0	0	0	2.63623	2.8	2.3	0.02669	0	0.02638	2.2E+08
20.70401	20.8	20.4	0	0	0	2.40602	2.7	2.19999	0.02669	0	0.02638	2.2E+08
20.66588	20.8	20.4	0	0	0	2.61796	3	2.3	0.02669	0	0.02638	2.2E+08
20.66307	20.7	20.4	0	0	0	2.75704	3	2.7	0.02669	0	0.02638	2.2E+08
20.66307	20.7	20.4	0	0	0	2.75704	3	2.7	0.02669	0	0.02638	2.2E+08
20.78723	20.8	20.7	0	0	0	2.78054	3	2.69999	0.02669	0	0.02638	2.2E+08
20.65634	20.7	20.4	0	0	0	3.03089	3.3	2.9	0.02669	0	0.02638	2.2E+08
20.7235	20.8	20.7	0	0	0	3.12411	3.3	3	0.02669	0	0.02638	2.2E+08
20.82345	20.9	20.7	0	0	0	3.17786	3.3	3	0.02669	0	0.02638	2.2E+08
20.94092	21.2	20.8	0	0	0	3.11615	3.4	2.8	0.02669	0	0.02638	2.2E+08
20.71674	20.8	20.6	0	0	0	3.34632	3.5	3.19999	0.02669	0	0.02638	2.2E+08
20.71674	20.8	20.6	0	0	0	3.34632	3.5	2.8	0.02669	0	0.02638	2.2E+08
21.17642	21.4	21	0	0	0	2.85714	3.1	2.69999	0.02669	0	0.02638	2.2E+08
21.07921	21.3	20.9	0	0	0	3.02078	3.3	2.8	0.02669	0	0.02638	2.2E+08
21.07921	21.3	20.9	0	0	0	3.02078	3.5	2.8	0.02669	0	0.02638	2.2E+08
21.1342	21.2	21	0	0	0	3.13227	3.3	2.9	0.02669	0	0.02638	2.2E+08
21.1342	21.2	21	0	0	0	3.13227	3.4	3	0.02669	0	0.02638	2.2E+08
21.12949	21.3	21	0	0	0	3.18724	3.4	3	0.02669	0	0.02638	2.2E+08
21.02206	21.2	20.8	0	0	0	3.28801	3.5	3.1	0.02669	0	0.02638	2.2E+08
21.19795	21.4	21	0	0	0	3.11212	3.3	2.9	0.02669	0	0.02638	2.2E+08
21.33361	21.5	21.2	0	0	0	2.9764	3.2	2.8	0.02669	0	0.02638	2.2E+08
21.8255	22.1	21.4	0	0	0	2.68856	3.1	2.3	0.02669	0	0.02638	2.2E+08
21.8255	22.1	21.4	0	0	0	2.68856	3.2	2.6	0.02669	0	0.02638	2.2E+08
21.89324	22.1	21.5	0	0	0	2.80065	3.2	2.6	0.02669	0	0.02638	2.2E+08
22.02684	22.1	21.9	0	0	0	2.78989	3	2.6	0.02669	0	0.02638	2.2E+08
22.49246	22.8	22.1	0	0	0	2.47126	2.8	2.19999	0.02669	0	0.02638	2.2E+08
22.69603	22.8	22.5	0	0	0	2.53881	2.9	2.19999	0.02669	0	0.02638	2.2E+08
23.4067	23.8	23	0	0	0	2.30056	2.9	1.8	0.02669	0	0.02638	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
23.56092	23.9	23.3	0	0	0	2.45581	2.7	2.2	0.02669	0	0.02638	2.2E+08
24.06512	24.3	23.8	0	0	0	2.22605	2.6	1.8	0.02669	0	0.02638	2.2E+08
24.06512	24.3	23.8	0	0	0	2.22605	4	2.5	0.02669	0	0.02638	2.2E+08
22.40251	22.8	21.8	0	0	0	4.3042	5	3.8	0.02669	0	0.02638	2.2E+08
22.40251	22.8	21.8	0	0	0	4.3042	4.2	3	0.02669	0	0.02638	2.2E+08
23.13724	23.7	22.5	0	0	0	3.51642	3.7	2.9	0.02669	0	0.02638	2.2E+08
23.57778	23.7	23.3	0	0	0	3.19938	3.6	3	0.02669	0	0.02638	2.2E+08
23.3007	23.7	23.1	0	0	0	3.58661	3.9	3.1	0.02669	0	0.02638	2.2E+08
23.40065	23.7	23.1	0	0	0	3.42286	3.8	3	0.02669	0	0.02638	2.2E+08
23.40065	23.7	23.1	0	0	0	3.42286	3.9	2.9	0.02669	0	0.02638	2.2E+08
23.52566	23.9	23.1	0	0	0	3.42732	3.8	3.1	0.02669	0	0.02638	2.2E+08
23.14785	23.8	22.7	0	0	0	3.81535	4.3	3	0.02669	0	0.02638	2.2E+08
23.27702	23.8	22.5	0	0	0	3.71425	4.5	3	0.02669	0	0.02638	2.2E+08
22.60854	23.2	21.8	0	0	0	4.25391	4.9	3.6	0.02669	0	0.02638	2.2E+08
22.60854	23.2	21.8	0	0	0	4.25391	4.7	3.5	0.02669	0	0.02638	2.2E+08
22.67381	23.1	22.1	0	0	0	4.0188	4.5	3.8	0.02669	0	0.02638	2.2E+08
22.39482	22.8	22.1	0	0	0	4.16428	4.9	4.1	0.02669	0	0.02638	2.2E+08
21.78544	22.1	21.5	0	0	0	4.21731	4.6	3.9	0.02669	0	0.02638	2.2E+08
21.49321	21.8	21.4	0	0	0	4.20894	4.4	3.9	0.02669	0	0.02638	2.2E+08
21.49321	21.8	21.4	0	0	0	4.20894	4.2	3.9	0.02669	0	0.02638	2.2E+08
21.43552	21.6	21.3	0	0	0	3.99335	4.2	3.9	0.02669	0	0.02638	2.2E+08
21.91906	22.5	21.4	0	0	0	3.39773	4	2.8	0.02669	0	0.02638	2.2E+08
22.93464	23.3	22.5	0	0	0	2.39214	2.8	2	0.02669	0	0.02638	2.2E+08
23.22042	23.7	22.5	0	0	0	2.28352	3.1	1.7	0.02669	0	0.02638	2.2E+08
23.22042	23.7	22.5	0	0	0	2.28352	3.1	1.7	0.02362	0.03523	0.02444	2.2E+08
22.84566	23.1	22.5	15.9079	16.04293	15.84897	3.06966	3.3	2.9	0.10701	0.05834	0.10805	2.2E+08
22.84566	23.1	22.5	15.9079	16.04293	15.84897	3.06966	3.3	2.9	0.1904	0.01517	0.19111	2.2E+08
22.75182	23	22.5	15.94582	16.04293	15.84897	3.59647	3.9	3.1	0.27378	0	0.27444	2.2E+08
22.31023	22.8	22	16.01461	16.15376	15.9321	4.25686	4.6	3.69999	0.35716	0.07034	0.35777	2.2E+08
21.82955	22.1	21.5	16.07457	16.15376	15.9598	4.7403	5.1	4.5	0.44054	0.0078	0.44111	2.2E+08
21.85706	22	21.6	16.08292	16.18147	15.98751	4.69925	5	4.6	0.52391	0.0227	0.52444	2.2E+08
21.31215	21.5	21.2	16.18806	16.26459	16.04293	5.2174	5.4	5	0.60728	0.0149	0.60777	2.2E+08
21.35777	21.4	21.2	16.2118	16.26459	16.15376	4.98526	5.2	4.7	0.69066	0.02734	0.69138	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
21.35777	21.4	21.2	16.2118	16.26459	16.15376	4.98526	5.2	4.7	0.77403	0	0.77444	2.2E+08
21.23239	21.4	21	16.20204	16.2923	16.09834	4.98982	5.2	4.7	0.8574	0.00535	0.85805	2.2E+08
21.23239	21.4	21	16.20204	16.2923	16.09834	4.98982	5.2	4.7	0.94078	0.03514	0.94111	2.2E+08
21.37106	21.5	21.2	16.18542	16.23688	16.07064	4.73899	4.9	4.6	1.02415	0.04751	1.02444	2.2E+08
21.51677	21.8	21.3	16.14868	16.23688	16.04293	4.55972	4.7	4.3	1.10753	0.05005	1.10777	2.2E+08
21.50675	21.8	21.3	16.08527	16.20918	15.9321	4.37648	4.6	4.1	1.1909	0.07019	1.19138	2.2E+08
21.50675	21.8	21.3	16.08527	16.20918	15.9321	4.37648	4.6	4.1	1.27427	0.00541	1.27444	2.2E+08
21.26639	21.4	20.8	16.03401	16.20918	15.9321	4.37728	4.8	4.2	1.35764	0.04984	1.35777	2.2E+08
20.71943	20.8	20.6	16.13836	16.23688	16.04293	4.76322	4.69999	3.9	1.44101	0.0078	1.44138	2.2E+08
21.15244	21.4	20.8	15.97567	16.07064	15.90439	4.22344	4.69999	3.9	1.52438	0.0078	1.52444	2.2E+08
20.07679	20.2	19.8	15.91356	16.04293	15.76585	4.64838	4.9	4.3	1.60774	0.03496	1.60805	2.2E+08
20.07679	20.2	19.8	15.91356	16.04293	15.76585	4.64838	4.8	3.9	1.69111	0.07	1.69111	2.2E+08
20.04482	20.2	19.8	15.7419	15.90439	15.54419	4.21646	4.8	3.9	1.77448	0.03492	1.77444	2.2E+08
19.8517	20.1	19.7	15.64187	15.76585	15.5719	4.06052	4	3.3	1.85787	0.05526	1.85805	2.2E+08
19.95423	20.1	19.7	15.549	15.68272	15.40564	3.66128	4	3.3	1.94125	0.0631	1.94111	2.2E+08
20.10009	20.2	20	15.49285	15.5996	15.40564	3.28601	3.5	3	2.02462	0	2.02444	2.2E+08
20.1497	20.2	20.1	15.48952	15.5996	15.37794	2.95968	3.1	2.9	2.108	0	2.10805	2.2E+08
20.1497	20.2	20.1	15.48952	15.5996	15.37794	2.95968	3.1	2.9	2.19137	0	2.19111	2.2E+08
19.87802	20.2	19.7	15.55895	15.71043	15.43335	3.21189	3.4	2.9	2.27475	0.02033	2.27444	2.2E+08
19.61619	19.8	19.4	15.53395	15.68272	15.40564	3.33622	3.5	3.19999	2.35813	0.00683	2.35777	2.2E+08
19.66095	19.8	19.5	15.47773	15.5719	15.37794	3.1256	3.4	2.9	2.44149	0.03493	2.44111	2.2E+08
19.55247	19.8	19.4	15.51644	15.62731	15.43335	3.09001	3.1	2.9	2.52486	0	2.52472	2.2E+08
19.45309	19.5	19.4	15.54451	15.68272	15.37794	3.03021	3.1	2.9	2.60822	0.05524	2.60777	2.2E+08
18.88871	19.1	18.8	15.61045	15.73814	15.48877	3.30748	3.5	3.1	2.69158	0.02037	2.69138	2.2E+08
18.62237	18.8	18.4	15.60023	15.71043	15.46106	3.31133	3.5	3.1	2.77495	0.01438	2.77472	2.2E+08
18.62237	18.8	18.4	15.60023	15.71043	15.46106	3.31133	3.5	3.1	2.85836	0.0348	2.85777	2.2E+08
18.45991	18.6	18.3	15.61464	15.73814	15.51648	3.0328	3.2	2.9	2.94174	0.06959	2.94138	2.2E+08
18.45991	18.6	18.3	15.61464	15.73814	15.51648	3.0328	3.2	2.9	3.02512	0	3.02444	2.2E+08
18.14625	18.2	18	15.63208	15.73814	15.48877	3.02628	3.3	2.9	3.10849	0.06174	3.10805	2.2E+08
18.14625	18.2	18	15.63208	15.73814	15.48877	3.02628	3.3	2.9	3.19186	0.03474	3.19111	2.2E+08
17.98878	18.2	17.8	15.68353	15.76585	15.5996	3.07773	3.2	2.9	3.27524	0.02857	3.27444	2.2E+08
17.81947	17.9	17.7	15.59705	15.68272	15.51648	2.94904	3.19999	2.8	3.35862	0.02826	3.35805	2.2E+08
17.81947	17.9	17.7	15.59705	15.68272	15.51648	2.94904	3.19999	2.8	3.442	0.06297	3.44111	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.81342	18	17.7	15.59028	15.71043	15.48877	2.74576	2.9	2.6	3.52539	0.02044	3.52472	2.2E+08
17.81342	18	17.7	15.59028	15.71043	15.48877	2.74576	2.9	2.6	3.60876	0.04094	3.60777	2.2E+08
17.66006	17.8	17.4	15.71212	15.90439	15.54419	2.81653	3.1	2.69999	3.69215	0.04893	3.69111	2.2E+08
17.57115	17.7	17.4	15.84797	15.90439	15.76585	2.82815	3.1	2.6	3.77554	0.00141	3.77444	2.2E+08
17.50287	17.7	17.3	15.84481	15.90439	15.73814	2.81315	3	2.4	3.85891	0.03468	3.85805	2.2E+08
17.45041	17.7	17.3	15.84492	15.90439	15.76585	2.6825	3	2.4	3.94228	0	3.94111	2.2E+08
17.33983	17.4	17.2	15.85015	15.90439	15.79356	2.64684	2.8	2.5	4.02564	0.02048	4.02472	2.2E+08
17.33983	17.4	17.2	15.85015	15.90439	15.79356	2.64684	2.8	2.5	4.10901	0	4.10777	2.2E+08
17.39731	17.6	17.3	15.85196	15.9321	15.73814	2.4625	2.6	2.3	4.1924	0.06935	4.19139	2.2E+08
17.47365	17.7	17.3	15.84053	15.90439	15.76585	2.3297	2.5	2.1	4.27577	0.03468	4.27472	2.2E+08
17.47365	17.7	17.3	15.84053	15.90439	15.76585	2.3297	2.5	2.1	4.35913	0	4.35777	2.2E+08
17.5878	17.7	17.4	15.84667	15.9598	15.76585	2.17215	2.4	1.9	4.44249	0.02045	4.44111	2.2E+08
17.59584	17.7	17.4	15.85744	15.9598	15.76585	2.09661	2.4	1.9	4.52586	0	4.52444	2.2E+08
17.53068	17.7	17.4	15.84366	15.90439	15.73814	2.1029	2.4	1.9	4.60924	0	4.60777	2.2E+08
17.55761	17.7	17.3	15.79064	15.90439	15.68272	1.96859	2.3	1.7	4.69261	0.0284	4.69139	2.2E+08
17.55761	17.7	17.3	15.79064	15.90439	15.68272	1.96859	2.3	1.7	4.77598	0.03468	4.77444	2.2E+08
17.50952	17.7	17.4	15.8508	15.90439	15.76585	2.00796	2.2	1.7	4.85935	0	4.85805	2.2E+08
17.39663	17.6	17.3	15.87376	15.9598	15.82127	2.05307	2.3	1.8	4.94272	0.01413	4.94111	2.2E+08
17.20336	17.3	17.1	15.88906	15.9598	15.82127	2.19665	2.3	2.1	5.02609	0.02049	5.02472	2.2E+08
17.20336	17.3	17.1	15.88906	15.9598	15.82127	2.19665	2.3	2.1	5.10946	0.02049	5.10777	2.2E+08
17.23023	17.3	17.2	15.91203	16.01522	15.84897	2.15969	2.2	2	5.19281	0.02049	5.19111	2.2E+08
17.22338	17.3	17.2	15.95785	16.07064	15.82127	2.13643	2.3	2	5.27617	0.02049	5.27472	2.2E+08
17.18991	17.3	17.1	15.90583	16.07064	15.82127	2.15376	2.3	2	5.35954	0.03462	5.35777	2.2E+08
17.17714	17.2	17.1	15.93844	16.04293	15.84897	2.14959	2.3	2.1	5.4429	0.01414	5.44111	2.2E+08
17.16976	17.3	17.1	15.97196	16.07064	15.87668	2.13023	2.3	2	5.52626	0	5.52444	2.2E+08
17.09665	17.2	17	16.11632	16.20918	16.01522	2.13953	2.2	1.9	5.60963	0.02049	5.60805	2.2E+08
17.09665	17.2	17	16.11632	16.20918	16.01522	2.13953	2.2	1.9	5.69301	0.0205	5.69111	2.2E+08
17.00606	17.1	16.8	16.12502	16.20918	15.98751	2.1263	2.4	1.9	5.77636	0.02681	5.77472	2.2E+08
17.00606	17.1	16.8	16.12502	16.20918	15.98751	2.1263	2.4	1.9	5.85973	0.0282	5.85777	2.2E+08
16.80671	17	16.8	16.00724	16.09834	15.90439	2.20978	2.4	2	5.94308	0	5.94139	2.2E+08
16.80671	17	16.8	16.00724	16.09834	15.90439	2.20978	2.4	2	6.02643	0.06923	6.02444	2.2E+08
16.79664	16.8	16.7	16.08873	16.18147	15.90439	2.1832	2.3	2.1	6.10978	0.02052	6.10777	2.2E+08
16.79395	16.8	16.7	16.0289	16.15376	15.90439	2.18264	2.3	2.1	6.19313	0.0551	6.19111	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
16.80014	17	16.7	16.02267	16.12605	15.90439	2.11264	2.3	2	6.27651	0	6.27472	2.2E+08
16.74286	16.8	16.7	16.0117	16.18147	15.90439	2.15043	2.3	2	6.35987	0.03457	6.35777	2.2E+08
16.72016	16.8	16.7	16.0801	16.18147	15.98751	2.13562	2.2	2	6.44322	0.03453	6.44139	2.2E+08
16.7	16.8	16.6	16.02409	16.15376	15.9321	2.12623	2.2	2	6.52657	0.02675	6.52444	2.2E+08
16.71009	16.8	16.6	15.92399	16.01522	15.79356	2.09327	2.2	2	6.60993	0	6.60777	2.2E+08
16.68993	16.7	16.6	16.00444	16.12605	15.90439	2.06318	2.1	2	6.69328	0.10376	6.69139	2.2E+08
16.68993	16.7	16.6	16.00444	16.12605	15.90439	2.06318	2.1	2	6.77664	0.00623	6.77444	2.2E+08
16.70001	16.8	16.6	16.01887	16.15376	15.90439	2.01612	2.1	1.9	6.85999	0.0691	6.85805	2.2E+08
16.70001	16.8	16.6	16.01887	16.15376	15.90439	2.01612	2.1	1.9	6.94336	0.01404	6.94111	2.2E+08
16.72017	16.8	16.7	16.03967	16.15376	15.9321	1.93951	2	1.7	7.02672	0.03457	7.02472	2.2E+08
16.72017	16.8	16.7	16.03967	16.15376	15.9321	1.93951	2	1.7	7.11008	0.08185	7.10777	2.2E+08
16.73347	16.8	16.7	16.04218	16.12605	15.9321	1.83885	2	1.6	7.19344	0.10368	7.19111	2.2E+08
16.71344	16.8	16.7	15.99513	16.07064	15.90439	1.81965	2	1.6	7.2768	0.06914	7.27444	2.2E+08
16.74302	16.8	16.6	16.00022	16.15376	15.84897	1.71745	2	1.6	7.36017	0.02051	7.35805	2.2E+08
16.74302	16.8	16.6	16.00022	16.15376	15.84897	1.71745	2	1.6	7.44353	0.03457	7.44111	2.2E+08
16.74693	16.8	16.7	16.01001	16.09834	15.9321	1.68329	1.9	1.6	7.5269	0.05509	7.52444	2.2E+08
16.76385	16.8	16.7	16.03317	16.12605	15.9598	1.65295	1.9	1.5	7.61027	0.03456	7.60805	2.2E+08
16.71679	16.8	16.7	16.00216	16.09834	15.87668	1.67664	1.9	1.5	7.69365	0.06906	7.69111	2.2E+08
16.68002	16.8	16.5	15.95031	16.01522	15.82127	1.71995	1.9	1.6	7.77703	0.05507	7.77472	2.2E+08
16.68002	16.8	16.5	15.95031	16.01522	15.82127	1.71995	1.9	1.6	7.8604	0.01404	7.85777	2.2E+08
16.65282	16.8	16.5	15.95984	16.04293	15.84897	1.74061	1.9	1.5	7.94376	0.02053	7.94111	2.2E+08
16.6195	16.7	16.5	15.98043	16.07064	15.87668	1.78385	2	1.6	8.02711	0.06903	8.02444	2.2E+08
16.51344	16.6	16.5	15.97531	16.04293	15.87668	1.87999	2.1	1.8	8.11047	0	8.10777	2.2E+08
16.46319	16.5	16.4	15.94744	16.01522	15.84897	1.93008	2	1.8	8.19384	0.01394	8.19139	2.2E+08
16.46319	16.5	16.4	15.94744	16.01522	15.84897	1.93008	2	1.8	8.27725	0.06899	8.27444	2.2E+08
16.23898	16.4	16.1	15.97024	16.04293	15.90439	2.10067	2.3	1.9	8.36065	0	8.35805	2.2E+08
16.23898	16.4	16.1	15.97024	16.04293	15.90439	2.10067	2.3	1.9	8.44406	0.0345	8.44111	2.2E+08
16.30592	16.4	16.2	15.96357	16.04293	15.87668	1.99072	2.1	1.8	8.52748	0	8.52472	2.2E+08
16.30592	16.4	16.2	15.96357	16.04293	15.87668	1.99072	2.1	1.8	8.61093	0.06899	8.60777	2.2E+08
16.44704	16.5	16.4	16.00037	16.07064	15.9321	1.77736	1.9	1.6	8.69437	0.02055	8.69139	2.2E+08
16.44704	16.5	16.4	16.00037	16.07064	15.9321	1.77736	1.9	1.6	8.77779	0.02835	8.77444	2.2E+08
16.44975	16.5	16.4	16.00768	16.07064	15.9321	1.73698	1.9	1.6	8.86124	0.01397	8.85805	2.2E+08
16.4462	16.5	16.4	16.05542	16.15376	15.9598	1.71629	1.9	1.6	8.94467	0	8.94139	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.4462	16.5	16.4	16.05542	16.15376	15.9598	1.71629	1.8	1.6	9.02811	0.03452	9.02472	2.2E+08
16.43631	16.5	16.4	16.06499	16.18147	15.9598	1.69258	1.8	1.6	9.11152	0.0078	9.10777	2.2E+08
16.43678	16.5	16.4	16.01452	16.09834	15.9321	1.68678	1.9	1.6	9.19497	0.03454	9.19139	2.2E+08
16.45697	16.5	16.4	16.00576	16.12605	15.9321	1.6464	1.7	1.6	9.27839	0.01397	9.27472	2.2E+08
16.45697	16.5	16.4	16.00576	16.12605	15.9321	1.6464	1.7	1.6	9.36182	0.02053	9.35777	2.2E+08
16.55337	16.7	16.4	16.00747	16.09834	15.9321	1.56006	1.7	1.4	9.44529	0	9.44111	2.2E+08
16.63988	16.7	16.5	16.02236	16.12605	15.9598	1.48367	1.6	1.4	9.52876	0.03452	9.52472	2.2E+08
16.61417	16.7	16.5	16.03657	16.15376	15.9598	1.53276	1.7	1.4	9.61223	0.02053	9.60805	2.2E+08
16.61417	16.7	16.5	16.03657	16.15376	15.9598	1.53276	1.7	1.4	9.69571	0	9.69111	2.2E+08
16.71276	16.8	16.7	16.07185	16.15376	15.98751	1.43361	1.6	1.3	9.77918	0	9.77472	2.2E+08
16.67979	16.7	16.5	16.07619	16.15376	15.98751	1.46051	1.7	1.4	9.86264	0	9.85805	2.2E+08
16.67979	16.7	16.5	16.07619	16.15376	15.98751	1.46051	1.7	1.4	9.94611	0.03454	9.94111	2.2E+08
16.64303	16.7	16.5	16.07171	16.15376	15.9598	1.51726	1.7	1.4	10.02957	0.03452	10.02444	2.2E+08
16.51008	16.6	16.5	16.11914	16.26459	15.98751	1.64016	1.8	1.5	10.113	0	10.10805	2.2E+08
16.51008	16.6	16.5	16.11914	16.26459	15.98751	1.64016	1.8	1.5	10.19644	0.03454	10.19111	2.2E+08
16.5269	16.6	16.5	16.1159	16.23688	15.98751	1.60603	1.8	1.5	10.27986	0.01399	10.27472	2.2E+08
16.5269	16.6	16.5	16.1159	16.23688	15.98751	1.60603	1.8	1.5	10.3633	0.03454	10.35777	2.2E+08
16.52552	16.7	16.4	16.19349	16.32001	16.04293	1.60137	1.8	1.4	10.44672	0.04852	10.44139	2.2E+08
16.52552	16.7	16.4	16.19349	16.32001	16.04293	1.60137	1.8	1.4	10.53015	0.02672	10.52444	2.2E+08
16.44304	16.5	16.4	16.23712	16.32001	16.12605	1.68249	1.9	1.6	10.61359	0.00657	10.60777	2.2E+08
16.38962	16.5	16.2	16.27004	16.32001	16.15376	1.73056	2	1.6	10.69701	0.0345	10.69111	2.2E+08
16.13965	16.4	16.1	16.30091	16.37542	16.20918	1.9637	2	1.7	10.78046	0	10.77444	2.2E+08
16.09328	16.1	16	16.35688	16.45855	16.26459	2.01343	2.1	2	10.8639	0.05507	10.85777	2.2E+08
16.08991	16.2	16	16.34558	16.48626	16.26459	2.00942	2.1	1.9	10.94736	0.08957	10.94111	2.2E+08
16.04726	16.1	15.9	16.31289	16.43084	16.18147	2.02918	2.2	1.9	11.0308	0.01388	11.02472	2.2E+08
16.04726	16.1	15.9	16.31289	16.43084	16.18147	2.02918	2.2	1.9	11.11424	0.04115	11.10777	2.2E+08
16.00337	16.1	15.9	16.21081	16.32001	16.09834	2.05043	2.2	1.9	11.19766	0	11.19139	2.2E+08
16.02686	16.1	15.9	16.23572	16.2923	16.12605	2.02269	2.2	1.9	11.28113	0.02058	11.27444	2.2E+08
16.05632	16.1	15.9	16.26318	16.34772	16.18147	2.02012	2.2	1.9	11.36462	0	11.35777	2.2E+08
16.12016	16.2	16.1	16.26001	16.34772	16.18147	1.99668	2.2	1.8	11.44811	0	11.44139	2.2E+08
16.12016	16.2	16.1	16.26001	16.34772	16.18147	1.99668	2.2	1.8	11.53158	0.01392	11.52444	2.2E+08
16.11677	16.2	16.1	16.27132	16.34772	16.18147	2.00673	2.2	1.7	11.61502	0.04838	11.60805	2.2E+08
16.17061	16.4	16.1	16.26243	16.32001	16.18147	2.01325	2.2	1.7	11.69847	0.04111	11.69111	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.22577	16.4	16.1	16.30735	16.37542	16.18147	2.07423	2.3	1.9	11.7819	0.05506	11.77472	2.2E+08
16.22577	16.4	16.1	16.30735	16.37542	16.18147	2.07423	2.3	1.9	11.86536	0	11.85777	2.2E+08
15.90607	16	15.8	16.38928	16.51397	16.32001	2.42084	2.5	2.3	11.94883	0.03446	11.94139	2.2E+08
15.90607	16	15.8	16.38928	16.51397	16.32001	2.42084	2.5	2.3	12.03227	0	12.02444	2.2E+08
15.85308	16	15.8	16.48326	16.6248	16.34772	2.46304	2.6	2.3	12.1157	0	12.10777	2.2E+08
15.87647	15.9	15.8	16.47452	16.56938	16.34772	2.42689	2.5	2.4	12.19913	0.03448	12.19111	2.2E+08
15.91613	16	15.9	16.46521	16.59709	16.32001	2.39059	2.5	2.3	12.28256	0.04837	12.27444	2.2E+08
16.03947	16.1	15.9	16.52457	16.6525	16.43084	2.26724	2.5	2.1	12.366	0.05507	12.35805	2.2E+08
16.03947	16.1	15.9	16.52457	16.6525	16.43084	2.26724	2.5	2.1	12.44944	0.01391	12.44111	2.2E+08
15.96996	16.1	15.9	16.56655	16.6525	16.45855	2.40333	2.5	2.2	12.53288	0	12.52472	2.2E+08
15.96996	16.1	15.9	16.56655	16.6525	16.45855	2.40333	2.5	2.2	12.61634	0	12.60777	2.2E+08
16.1	16.2	16	16.59696	16.6525	16.51397	2.33319	2.5	2.2	12.69978	0	12.69139	2.2E+08
16.1	16.2	16	16.59696	16.6525	16.51397	2.33319	2.5	2	12.78321	0.02791	12.77472	2.2E+08
16.23697	16.4	16.1	16.60821	16.68021	16.54167	2.27001	2.5	2	12.86665	0.03454	12.85777	2.2E+08
16.36974	16.5	16.1	16.55673	16.6525	16.43084	2.30201	2.4	2.2	12.95008	0	12.94139	2.2E+08
16.47375	16.5	16.4	16.51971	16.6248	16.43084	2.25629	2.4	2.2	13.03354	0	13.02444	2.2E+08
16.49665	16.6	16.4	16.46337	16.51397	16.40313	2.27982	2.4	2.1	13.11701	0	13.10805	2.2E+08
16.5168	16.7	16.4	16.49006	16.56938	16.43084	2.30987	2.4	2.1	13.20048	0	13.19111	2.2E+08
16.53338	16.7	16.4	16.49814	16.56938	16.40313	2.42961	2.5	2.3	13.28393	0.02054	13.27472	2.2E+08
16.53338	16.7	16.4	16.49814	16.56938	16.40313	2.42961	2.5	2.3	13.36737	0.03454	13.35777	2.2E+08
16.68385	16.8	16.6	16.43964	16.51397	16.34772	2.4267	2.7	2.3	13.45081	0.03456	13.44139	2.2E+08
16.68385	16.8	16.6	16.43964	16.51397	16.34772	2.4267	2.7	2.3	13.53424	0.03456	13.52444	2.2E+08
16.70987	16.8	16.6	16.44444	16.54167	16.32001	2.52623	2.7	2.3	13.61769	0.03456	13.60777	2.2E+08
16.78677	16.8	16.7	16.37619	16.45855	16.2923	2.5769	2.7	2.5	13.70112	0.01403	13.69139	2.2E+08
16.78677	16.8	16.7	16.37619	16.45855	16.2923	2.5769	2.7	2.5	13.78455	0	13.77444	2.2E+08
16.75697	16.8	16.7	16.38704	16.48626	16.26459	2.68969	2.8	2.6	13.868	0	13.85805	2.2E+08
16.75697	16.8	16.7	16.38704	16.48626	16.26459	2.68969	2.8	2.6	13.95144	0	13.94111	2.2E+08
16.75965	16.8	16.7	16.40373	16.48626	16.32001	2.741	2.9	2.6	14.03488	0.01404	14.02444	2.2E+08
16.78005	16.8	16.7	16.36897	16.45855	16.2923	2.75604	2.9	2.6	14.11833	0.02051	14.10777	2.2E+08
16.76996	16.8	16.7	16.38459	16.48626	16.2923	2.81051	2.9	2.69999	14.20177	0.03456	14.19111	2.2E+08
16.78989	16.8	16.7	16.37423	16.45855	16.26459	2.83434	3	2.69999	14.28526	0.0078	14.27444	2.2E+08
16.78341	16.8	16.7	16.35375	16.43084	16.2923	2.86905	3.1	2.8	14.3687	0	14.35805	2.2E+08
16.80067	17	16.7	16.37988	16.48626	16.2923	2.91316	3.1	2.6	14.45215	0.06914	14.44139	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.80067	17	16.7	16.37988	16.48626	16.2923	2.91316	3.1	2.6	14.53558	0.03457	14.52444	2.2E+08
16.85037	17.1	16.8	16.39663	16.48626	16.2923	2.89578	3	2.6	14.61905	0.02816	14.60805	2.2E+08
16.85037	17.1	16.8	16.39663	16.48626	16.2923	2.89578	3	2.6	14.70244	0.03455	14.69111	2.2E+08
16.86342	17.1	16.8	16.35056	16.48626	16.23688	2.94669	3.1	2.7	14.78585	0.04103	14.77472	2.2E+08
16.86342	17.1	16.8	16.35056	16.48626	16.23688	2.94669	3.1	2.7	14.86927	0.0205	14.85805	2.2E+08
17.08047	17.2	17	16.30321	16.40313	16.18147	2.74977	2.9	2.6	14.95272	0.06918	14.94139	2.2E+08
17.10335	17.2	17.1	16.33024	16.43084	16.26459	2.76034	2.9	2.6	15.03618	0	15.02472	2.2E+08
17.10335	17.2	17.1	16.33024	16.43084	16.26459	2.76034	2.9	2.6	15.11965	0.01411	15.10777	2.2E+08
17.11992	17.2	17.1	16.33466	16.45855	16.23688	2.75381	2.9	2.6	15.20314	0	15.19111	2.2E+08
17.10336	17.2	17	16.3025	16.37542	16.18147	2.82287	2.9	2.7	15.28662	0.0205	15.27472	2.2E+08
17.10336	17.2	17	16.3025	16.37542	16.18147	2.82287	2.9	2.7	15.37009	0	15.35777	2.2E+08
17.03949	17.1	16.8	16.2803	16.40313	16.18147	2.88716	3.19999	2.8	15.45353	0.03457	15.44111	2.2E+08
17.04619	17.1	16.8	16.24617	16.32001	16.18147	2.88719	3.1	2.8	15.53699	0.02049	15.52444	2.2E+08
17.12957	17.2	17	16.19377	16.26459	16.09834	2.84714	3	2.7	15.62045	0	15.60805	2.2E+08
17.17712	17.2	17.1	16.23533	16.34772	16.15376	2.82288	2.9	2.8	15.7039	0.01411	15.69139	2.2E+08
17.12629	17.2	17	16.28687	16.43084	16.18147	2.86385	3	2.7	15.78736	0.06918	15.77472	2.2E+08
17.12629	17.2	17	16.28687	16.43084	16.18147	2.86385	3	2.7	15.8708	0	15.85777	2.2E+08
17.09326	17.1	17	16.33395	16.40313	16.26459	2.92018	3	2.9	15.95425	0	15.94139	2.2E+08
17.09326	17.1	17	16.33395	16.40313	16.26459	2.92018	3	2.9	16.03772	0	16.02444	2.2E+08
17.10334	17.2	17	16.34125	16.43084	16.23688	2.92288	3.1	2.8	16.1212	0	16.10777	2.2E+08
17.04983	17.1	16.8	16.32964	16.45855	16.23688	2.99367	3.3	2.9	16.20462	0.03457	16.19139	2.2E+08
17.04983	17.1	16.8	16.32964	16.45855	16.23688	2.99367	3.3	2.9	16.28806	0	16.27444	2.2E+08
17.10671	17.2	17.1	16.24197	16.34772	16.12605	2.92286	3	2.8	16.37153	0	16.35805	2.2E+08
17.12017	17.2	17.1	16.26727	16.43084	16.15376	2.89329	3	2.8	16.45477	0.03457	16.44139	2.2E+08
17.12017	17.2	17.1	16.26727	16.43084	16.15376	2.89329	3	2.8	16.53798	0	16.52472	2.2E+08
17.10336	17.2	17	16.28817	16.40313	16.20918	2.91344	3	2.8	16.62118	0.03461	16.60777	2.2E+08
17.1603	17.2	17.1	16.21436	16.32001	16.12605	2.84981	3	2.8	16.70439	0.0205	16.69111	2.2E+08
17.18318	17.2	17.1	16.15266	16.23688	16.09834	2.82355	3	2.8	16.78759	0.06918	16.77472	2.2E+08
17.18318	17.2	17.1	16.15266	16.23688	16.09834	2.82355	3	2.69999	16.87079	0	16.85805	2.2E+08
17.19326	17.3	17.1	16.16087	16.23688	16.09834	2.82691	3	2.69999	16.95399	0	16.94111	2.2E+08
17.23298	17.3	17.2	16.1452	16.20918	16.04293	2.78719	2.9	2.69999	17.0372	0.03457	17.02472	2.2E+08
17.23298	17.3	17.2	16.1452	16.20918	16.04293	2.78719	2.9	2.69999	17.1204	0	17.10777	2.2E+08
17.28027	17.4	17.2	16.17056	16.23688	16.09834	2.78004	2.8	2.5	17.2036	0.03461	17.19111	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.5099	17.8	17.3	16.06072	16.18147	15.9321	2.62378	3	2.3	17.28681	0.03461	17.27472	2.2E+08
17.5099	17.8	17.3	16.06072	16.18147	15.9321	2.62378	3	2.3	17.37001	0.03461	17.35777	2.2E+08
17.67714	17.8	17.6	16.08284	16.18147	15.98751	2.60981	2.8	2.4	17.45321	0.02044	17.44139	2.2E+08
17.67714	17.8	17.6	16.08284	16.18147	15.98751	2.60981	2.8	2.3	17.53642	0.03464	17.52444	2.2E+08
17.69302	17.8	17.6	15.86332	15.9598	15.79356	2.73363	2.9	2.6	17.61962	0	17.60805	2.2E+08
17.69302	17.8	17.6	15.86332	15.9598	15.79356	2.73363	2.9	2.6	17.70282	0.05664	17.69111	2.2E+08
17.88073	18.2	17.7	15.83788	15.9321	15.76585	2.66975	3	2.3	17.78603	0.02044	17.77472	2.2E+08
17.86678	18	17.7	15.82724	15.90439	15.73814	2.79621	2.9	2.69999	17.86923	0	17.85805	2.2E+08
17.86678	18	17.7	15.82724	15.90439	15.73814	2.79621	2.9	2.69999	17.95243	0.0142	17.94111	2.2E+08
17.81518	18	17.7	15.83421	15.90439	15.73814	2.90837	3.19999	2.9	18.03563	0.03464	18.02472	2.2E+08
17.79329	17.9	17.7	15.82163	15.90439	15.71043	3.00399	3.19999	2.9	18.11884	0.02043	18.10777	2.2E+08
17.81948	18	17.7	15.842	15.90439	15.79356	3.21388	3.4	3.1	18.20204	0	18.19139	2.2E+08
17.81948	18	17.7	15.842	15.90439	15.79356	3.21388	3.4	3.1	18.28524	0.02044	18.27444	2.2E+08
17.80279	18	17.7	15.84065	15.90439	15.76585	3.26386	3.1	2.7	18.36845	0.0204	18.35777	2.2E+08
18.42087	18.5	18.3	15.79503	15.87668	15.71043	2.6954	2.9	2.6	18.45165	0	18.44139	2.2E+08
18.40673	18.5	18.4	15.74053	15.84897	15.62731	2.79709	2.9	2.6	18.53485	0.03471	18.52472	2.2E+08
18.40673	18.5	18.4	15.74053	15.84897	15.62731	2.79709	2.9	2.6	18.61806	0	18.60777	2.2E+08
18.41045	18.5	18.3	15.61485	15.73814	15.51648	2.93299	3.1	2.8	18.70126	0.03472	18.69139	2.2E+08
18.41045	18.5	18.3	15.61485	15.73814	15.51648	2.93299	3.1	2.8	18.78446	0	18.77444	2.2E+08
18.41345	18.5	18.3	15.60764	15.71043	15.48877	3.01418	3.3	2.9	18.86767	0.06943	18.85777	2.2E+08
18.47405	18.8	18.4	15.66806	15.76585	15.5719	3.10004	3.3	2.8	18.95087	0	18.94111	2.2E+08
18.3731	18.5	18.3	15.67265	15.76585	15.5719	3.29662	3.4	3	19.03407	0.02041	19.02472	2.2E+08
18.3731	18.5	18.3	15.67265	15.76585	15.5719	3.29662	3.4	3	19.11728	0.03476	19.10777	2.2E+08
18.63934	18.8	18.5	15.66099	15.73814	15.5719	3.10007	3.3	2.9	19.20048	0.0899	19.19139	2.2E+08
18.63934	18.8	18.5	15.66099	15.73814	15.5719	3.10007	3.3	2.9	19.28368	0.03474	19.27444	2.2E+08
18.70373	18.8	18.5	15.61331	15.73814	15.51648	3.07941	3.3	3	19.36688	0.03478	19.35777	2.2E+08
18.75894	18.9	18.5	15.68825	15.76585	15.5996	3.17512	3.5	2.9	19.45009	0.01438	19.44139	2.2E+08
18.75894	18.9	18.5	15.68825	15.76585	15.5996	3.17512	3.4	2.9	19.53329	0	19.52472	2.2E+08
18.98355	19.1	18.8	15.65495	15.73814	15.51648	3.09045	3.4	2.9	19.61649	0.04072	19.60777	2.2E+08
18.96878	19.1	18.9	15.66435	15.73814	15.5996	3.34103	3.5	3.1	19.6997	0.05517	19.69139	2.2E+08
18.96878	19.1	18.9	15.66435	15.73814	15.5996	3.34103	3.5	3.1	19.7829	0.02038	19.77444	2.2E+08
19.03812	19.2	18.6	15.70232	15.76585	15.5996	3.37842	3.8	3.2	19.8661	0.05516	19.85805	2.2E+08
19.03812	19.2	18.6	15.70232	15.76585	15.5996	3.37842	3.8	3.2	19.94931	0.01438	19.94111	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
19.23571	19.4	18.9	15.67716	15.76585	15.54419	3.32726	3.7	3.1	20.03251	0	20.02472	2.2E+08
19.23571	19.4	18.9	15.67716	15.76585	15.54419	3.32726	3.7	3.1	20.11571	0.01444	20.10777	2.2E+08
19.00143	19.4	18.8	15.71917	15.76585	15.65501	3.76625	4	3.2	20.19892	0.06964	20.19139	2.2E+08
19.00143	19.4	18.8	15.71917	15.76585	15.65501	3.76625	4	3.2	20.28212	0.02031	20.27444	2.2E+08
19.59388	19.8	19.4	15.73751	15.82127	15.68272	3.26977	3.6	3.1	20.36532	0.03483	20.35805	2.2E+08
19.0652	19.5	18.8	15.82698	15.9598	15.68272	3.87487	4.19999	3.4	20.44853	0.02038	20.44139	2.2E+08
19.0652	19.5	18.8	15.82698	15.9598	15.68272	3.87487	4.19999	3.4	20.53173	0.03477	20.52444	2.2E+08
18.77031	19	18.5	15.88711	16.01522	15.73814	4.20613	4.5	4	20.61493	0	20.60777	2.2E+08
18.83003	19	18.5	15.80313	15.9598	15.71043	4.0861	4.4	3.7	20.69814	0	20.69111	2.2E+08
18.84889	19.1	18.5	15.76128	15.84897	15.71043	4.05072	4.4	3.7	20.78134	0.0406	20.77444	2.2E+08
19.58524	20	19.2	15.72714	15.79356	15.65501	3.31848	3.7	3	20.86455	0.00555	20.85777	2.2E+08
20.26219	20.6	19.8	15.722	15.76585	15.65501	2.76783	3.19999	2.5	20.94775	0	20.94111	2.2E+08
20.60084	20.8	20.1	15.96843	16.18147	15.76585	2.91535	3.6	2.5	21.03095	0.02716	21.02472	2.2E+08
19.55043	20	19.2	16.22371	16.37542	16.12605	4.19669	4.6	3.7	21.11415	0.02033	21.10805	2.2E+08
19.55043	20	19.2	16.22371	16.37542	16.12605	4.19669	4.6	3.6	21.19736	0	21.19139	2.2E+08
19.89944	20.2	19.4	16.10606	16.26459	15.98751	3.94432	4.6	3.6	21.28057	0.02026	21.27444	2.2E+08
19.90802	20.4	19.2	16.16487	16.34772	16.04293	4.08523	4.8	3.6	21.36377	0.02029	21.35805	2.2E+08
19.90802	20.4	19.2	16.16487	16.34772	16.04293	4.08523	4.8	3.6	21.44698	0.07552	21.44111	2.2E+08
19.94435	20.4	19.5	16.22607	16.2923	16.18147	4.10851	4.5	3.69999	21.53018	0.02032	21.52472	2.2E+08
19.94435	20.4	19.5	16.22607	16.2923	16.18147	4.10851	4.5	3.69999	21.61338	0	21.60777	2.2E+08
19.9941	20.4	19.7	16.11298	16.26459	15.9598	4.01263	4.3	3.6	21.6966	0.0202	21.69111	2.2E+08
20.90499	21.5	20.4	16.03649	16.09834	15.9321	3.10616	3.6	2.5	21.7798	0.0202	21.77444	2.2E+08
21.5675	21.9	21.4	16.12994	16.2923	15.87668	2.62249	3	2.2	21.86301	0.02024	21.85777	2.2E+08
20.96893	21.4	20.4	16.51051	16.6248	16.37542	3.87451	4.5	3.4	21.94621	0.03497	21.94139	2.2E+08
20.96893	21.4	20.4	16.51051	16.6248	16.37542	3.87451	4.5	3.4	22.02941	0.02541	22.02444	2.2E+08
20.99225	21.8	20.2	16.43946	16.59709	16.2923	3.9047	4.7	3	22.11262	0	22.10777	2.2E+08
21.01227	21.5	20.4	16.42749	16.56938	16.20918	3.93417	4.6	3.5	22.19582	0	22.19111	2.2E+08
21.67074	22	21.4	16.49828	16.56938	16.34772	3.43301	3.7	3.1	22.27903	0.02016	22.27472	2.2E+08
21.67074	22	21.4	16.49828	16.56938	16.34772	3.43301	3.7	3.1	22.36223	0	22.35777	2.2E+08
21.73706	22.2	21.4	16.53048	16.59709	16.43084	3.59993	3.9	3.2	22.44543	0.03523	22.44111	2.2E+08
21.64339	22.4	21	16.71992	16.84646	16.51397	4.02128	4.8	3.1	22.52863	0.02969	22.52472	2.2E+08
21.62631	22.2	20.9	16.66451	16.84646	16.54167	4.15482	4.9	3.7	22.61184	0.01501	22.60805	2.2E+08
21.62631	22.2	20.9	16.66451	16.84646	16.54167	4.15482	4.5	3.8	22.69505	0.0097	22.69139	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
21.63129	22	21.4	16.65979	16.76334	16.56938	4.2189	4.5	3.8	22.77825	0	22.77444	2.2E+08
21.68232	21.9	21.2	16.79326	16.90188	16.6525	4.2244	4.7	3.9	22.86146	0.03517	22.85805	2.2E+08
21.68232	21.9	21.2	16.79326	16.90188	16.6525	4.2244	4.7	3.9	22.94466	0.03515	22.94111	2.2E+08
21.73903	22.1	21.3	16.78806	16.90188	16.68021	4.22134	4.69999	3.8	23.02786	0.0475	23.02444	2.2E+08
21.5294	22.1	20.8	16.80145	16.92958	16.6248	4.46386	5.19999	3.9	23.11106	0.01491	23.10777	2.2E+08
21.74972	22	21.5	16.83531	16.90188	16.73563	4.22006	4.5	4	23.19427	0.00513	23.19139	2.2E+08
21.74972	22	21.5	16.83531	16.90188	16.73563	4.22006	4.5	4	23.27748	0.01502	23.27472	2.2E+08
22.15143	22.4	21.9	16.79484	16.92958	16.68021	3.82913	4.2	3.5	23.36068	0.07042	23.35777	2.2E+08
22.2574	22.4	21.9	16.79428	16.90188	16.68021	3.75233	4.8	3.8	23.44388	0.01491	23.44139	2.2E+08
21.92395	22.2	21.2	16.84616	16.95729	16.73563	4.11935	4.8	3.8	23.52709	0	23.52444	2.2E+08
21.55942	21.9	21.4	16.75857	16.87417	16.6525	4.36038	4.6	4	23.61029	0.02017	23.60805	2.2E+08
21.55942	21.9	21.4	16.75857	16.87417	16.6525	4.36038	4.6	4	23.69349	0.02019	23.69111	2.2E+08
21.77682	22.1	21.4	16.69988	16.81875	16.56938	4.07751	4.4	3.8	23.7767	0.03517	23.77444	2.2E+08
21.66007	21.9	21.2	16.64115	16.73563	16.54167	4.13289	4.2	3.6	23.85991	0.0078	23.85777	2.2E+08
21.80302	22	21.5	16.65071	16.76334	16.56938	3.83655	4.2	3.6	23.94311	0.01754	23.94111	2.2E+08
21.81946	22.1	21.5	16.68533	16.79104	16.59709	3.82684	4.3	3.5	24.00301	0	24.00055	2.2E+08
22.05032	22.4	21.6	0	0	0	3.49632	3.9	3.1	24.00301	0	24.00055	2.2E+08
22.05032	22.4	21.6	0	0	0	3.49632	3.9	3.1	24.00301	0	24.00055	2.2E+08
21.93389	22.1	21.6	0	0	0	3.54632	3.9	3.3	24.00301	0	24.00055	2.2E+08
21.49594	21.8	21.2	0	0	0	4.0141	4.4	3.6	24.00301	0	24.00055	2.2E+08
21.07615	21.5	20.7	0	0	0	4.43019	4.9	3.9	24.00301	0	24.00055	2.2E+08
21.07615	21.5	20.7	0	0	0	4.43019	5.1	4.6	24.00301	0	24.00055	2.2E+08
20.7302	20.8	20.4	0	0	0	4.73323	5.1	4.6	24.00301	0	24.00055	2.2E+08
20.40271	20.7	20.2	0	0	0	5.01373	5.2	4.7	24.00301	0	24.00055	2.2E+08
20.43357	20.7	20.2	0	0	0	4.9332	5.1	4.7	24.00301	0	24.00055	2.2E+08
20.33522	20.7	20.1	0	0	0	4.91878	5.2	4.3	24.00301	0	24.00055	2.2E+08
20.70671	20.8	20.6	0	0	0	4.01005	4.2	3.7	24.00301	0	24.00055	2.2E+08
20.81711	21	20.7	0	0	0	3.63592	4	3.4	24.00301	0	24.00055	2.2E+08
20.81711	21	20.7	0	0	0	3.63592	4	3.4	24.00301	0	24.00055	2.2E+08
21.21375	21.4	20.9	0	0	0	3.17283	3.5	2.9	24.00301	0	24.00055	2.2E+08
21.47014	21.8	21.4	0	0	0	2.88323	3	2.6	24.00301	0	24.00055	2.2E+08
21.37952	21.5	21	0	0	0	2.9839	3.3	2.9	24.00301	0	24.00055	2.2E+08
21.43657	21.6	21.3	0	0	0	2.99028	3.3	2.8	24.00301	0	24.00055	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
21.76683	22.1	21.5	0	0	0	2.67654	3.1	2.4	24.00301	0	24.00055	2.2E+08
21.76683	22.1	21.5	0	0	0	2.82043	3.1	2.4	0.02277	0.0702	0.02388	2.2E+08
21.43659	21.5	21.3	17.8666	18.0102	17.78853	3.29398	3.4	3	0.10617	0.07029	0.1075	2.2E+08
21.43659	21.5	21.3	17.8666	18.0102	17.78853	3.29398	3.4	3	0.18954	0.00533	0.19055	2.2E+08
21.42125	21.8	20.9	17.86265	18.0102	17.76083	3.37843	3.9	2.9	0.27293	0.04993	0.27388	2.2E+08
20.93892	21.2	20.8	17.80275	17.84395	17.73312	3.74435	4	3.5	0.3563	0	0.35722	2.2E+08
20.38585	20.7	20.2	17.60681	17.78853	17.40062	3.66783	3.9	3.4	0.43968	0.02027	0.44083	2.2E+08
20.38585	20.7	20.2	17.60681	17.78853	17.40062	3.66783	3.8	3.3	0.52306	0.04281	0.52388	2.2E+08
20.17649	20.4	20.1	17.52242	17.73312	17.34521	3.54296	3.8	3.3	0.60643	0	0.60722	2.2E+08
19.70304	19.8	19.5	17.34559	17.45604	17.28979	3.36037	3.8	3.1	0.68981	0	0.69083	2.2E+08
19.70304	19.8	19.5	17.34559	17.45604	17.28979	3.36037	3.8	3.1	0.77321	0.04061	0.77388	2.2E+08
19.59294	19.8	19.4	17.37544	17.53916	17.28979	3.20701	3.4	3	0.85658	0.03492	0.8575	2.2E+08
19.59294	19.8	19.4	17.37544	17.53916	17.28979	3.20701	3.4	3	0.93996	0.06983	0.94055	2.2E+08
19.40304	19.5	19.1	17.31731	17.48375	17.15125	3.09361	3.3	3	1.02333	0	1.02416	2.2E+08
19.40304	19.5	19.1	17.31731	17.48375	17.15125	3.09361	3.3	3	1.10671	0.03484	1.10722	2.2E+08
19.15034	19.2	18.9	17.44403	17.64999	17.23437	3.08021	3.3	2.8	1.19009	0	1.19083	2.2E+08
19.15034	19.2	18.9	17.44403	17.64999	17.23437	3.08021	3.3	2.8	1.27346	0	1.27388	2.2E+08
19.07017	19.2	18.9	17.49825	17.64999	17.26208	2.92685	3.1	2.8	1.35683	0.05522	1.35722	2.2E+08
18.78323	18.9	18.6	17.44695	17.62229	17.28979	2.997	3.2	2.9	1.44019	0.03483	1.44083	2.2E+08
18.78323	18.9	18.6	17.44695	17.62229	17.28979	2.997	3.2	2.9	1.52356	0.0264	1.52388	2.2E+08
18.48693	18.6	18.4	17.57016	17.6777	17.40062	2.94696	3.2	2.8	1.60693	0.0348	1.6075	2.2E+08
18.48693	18.6	18.4	17.57016	17.6777	17.40062	2.94696	3.2	2.8	1.6903	0	1.69055	2.2E+08
18.42985	18.5	18.4	17.5996	17.70541	17.51145	2.89363	2.9	2.7	1.77369	0.03478	1.77416	2.2E+08
18.40335	18.5	18.3	17.58694	17.6777	17.40062	2.78696	2.9	2.7	1.85705	0.02041	1.85722	2.2E+08
18.20671	18.3	18	17.62768	17.73312	17.45604	2.77986	3	2.6	1.94042	0.01433	1.94083	2.2E+08
18.0664	18.2	18	17.65091	17.76083	17.56687	2.75673	3	2.5	2.0238	0.03474	2.02416	2.2E+08
18.0664	18.2	18	17.65091	17.76083	17.56687	2.75673	2.8	2.5	2.10717	0.03472	2.1075	2.2E+08
18.00671	18.2	17.9	17.68326	17.78853	17.59458	2.71007	2.8	2.5	2.19053	0.07561	2.19055	2.2E+08
17.81342	18	17.7	17.71973	17.84395	17.59458	2.66979	2.8	2.5	2.2739	0.01426	2.27416	2.2E+08
17.81342	18	17.7	17.71973	17.84395	17.59458	2.66979	2.8	2.5	2.35728	0.00628	2.35722	2.2E+08
17.42686	17.7	17.3	17.82125	17.89936	17.76083	2.88323	3.1	2.5	2.44066	0.03464	2.44083	2.2E+08
17.42686	17.7	17.3	17.82125	17.89936	17.76083	2.88323	3.1	2.5	2.52404	0.01418	2.52388	2.2E+08
17.26978	17.4	17.2	17.89693	18.0102	17.78853	2.75671	2.9	2.6	2.60741	0.04881	2.6075	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.26978	17.4	17.2	17.89693	18.0102	17.78853	2.75671	2.9	2.6	2.6908	0.06926	2.69055	2.2E+08
17.25333	17.4	17.2	17.87332	17.95478	17.76083	2.63995	2.8	2.4	2.77417	0.02047	2.77416	2.2E+08
17.25333	17.4	17.2	17.87332	17.95478	17.76083	2.63995	2.8	2.4	2.85753	0.0078	2.85722	2.2E+08
17.29695	17.4	17.2	17.88151	18.03791	17.78853	2.44339	2.6	2.2	2.94089	0.02048	2.94083	2.2E+08
17.29695	17.4	17.2	17.88151	18.03791	17.78853	2.44339	2.6	2.2	3.02425	0.05513	3.02388	2.2E+08
17.35331	17.4	17.2	17.83899	17.95478	17.76083	2.19035	2.4	2	3.10761	0.04878	3.1075	2.2E+08
17.35331	17.4	17.2	17.83899	17.95478	17.76083	2.19035	2.4	2	3.19097	0.00628	3.19055	2.2E+08
17.51408	17.7	17.4	17.80324	17.89936	17.73312	1.9087	2.1	1.7	3.27435	0.00627	3.27416	2.2E+08
17.51408	17.7	17.4	17.80324	17.89936	17.73312	1.9087	2.1	1.7	3.35774	0.04885	3.35722	2.2E+08
17.51343	17.7	17.4	17.74556	17.84395	17.64999	1.88023	2	1.7	3.44111	0.03464	3.44055	2.2E+08
17.50742	17.7	17.4	17.69771	17.78853	17.53916	1.89257	2.1	1.7	3.52449	0.01415	3.52416	2.2E+08
17.38928	17.7	17.3	17.74939	17.81624	17.64999	1.99056	2.1	1.7	3.60785	0.04875	3.60722	2.2E+08
17.23664	17.3	17.2	17.7655	17.81624	17.70541	2.09993	2.2	2	3.69122	0	3.69083	2.2E+08
17.23664	17.3	17.2	17.7655	17.81624	17.70541	2.09993	2.2	2	3.77459	0.06918	3.77388	2.2E+08
17.16681	17.2	17.1	17.77161	17.84395	17.6777	2.09327	2.2	1.8	3.85797	0.0424	3.8575	2.2E+08
17.16681	17.2	17.1	17.77161	17.84395	17.6777	2.09327	2.2	1.8	3.94133	0	3.94055	2.2E+08
17.11343	17.2	17	17.79839	17.84395	17.73312	2.12613	2.2	1.8	4.02472	0	4.02389	2.2E+08
17.12651	17.2	16.8	17.80099	17.87166	17.73312	1.95741	2.3	1.8	4.10811	0.13068	4.1075	2.2E+08
17.12651	17.2	16.8	17.80099	17.87166	17.73312	1.95741	2.3	1.8	4.19147	0.0756	4.19055	2.2E+08
16.96272	17.1	16.8	17.83844	17.92707	17.76083	2.03392	2.2	1.8	4.27484	0.00646	4.27416	2.2E+08
16.96272	17.1	16.8	17.83844	17.92707	17.76083	2.03392	2.2	1.8	4.3582	0.04241	4.35722	2.2E+08
17.05062	17.1	16.8	17.8552	17.98249	17.76083	1.92252	2.19999	1.8	4.44157	0.03461	4.44055	2.2E+08
17.03967	17.2	16.8	17.84509	18.03791	17.76083	1.90399	2.19999	1.6	4.52492	0.03458	4.52416	2.2E+08
17.03967	17.2	16.8	17.84509	18.03791	17.76083	1.90399	2.19999	1.6	4.60829	0.02049	4.60722	2.2E+08
17.17651	17.3	17.1	17.82911	17.92707	17.73312	1.74363	1.9	1.6	4.69164	0	4.69055	2.2E+08
17.20335	17.3	17.1	17.81251	17.87166	17.76083	1.69334	1.8	1.5	4.775	0.03461	4.77389	2.2E+08
17.19629	17.3	17.1	17.85788	17.95478	17.76083	1.71411	1.8	1.5	4.85836	0	4.85722	2.2E+08
17.11006	17.2	17	17.89913	18.03791	17.73312	1.77018	1.9	1.6	4.94173	0.03457	4.94083	2.2E+08
17.11006	17.2	17	17.89913	18.03791	17.73312	1.77018	1.9	1.7	5.02508	0.02049	5.02389	2.2E+08
17.09994	17.2	17	17.78293	17.84395	17.70541	1.75301	1.9	1.7	5.10844	0	5.10722	2.2E+08
17.10302	17.2	17	17.79347	17.84395	17.70541	1.71377	1.8	1.6	5.1918	0.0346	5.19083	2.2E+08
17.06682	17.1	16.8	17.8199	17.95478	17.73312	1.74996	2	1.7	5.27516	0	5.27416	2.2E+08
17.06682	17.1	16.8	17.8199	17.95478	17.73312	1.74996	2	1.7	5.35852	0.0897	5.35722	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.01421	17.1	16.8	17.88567	17.98249	17.76083	1.78916	2	1.7	5.44187	0.03455	5.44083	2.2E+08
16.88392	17.1	16.8	17.89231	17.98249	17.78853	1.91269	2	1.7	5.52526	0.03455	5.52389	2.2E+08
16.81005	17.1	16.8	17.92345	18.0102	17.78853	1.96981	2	1.7	5.60862	0.02051	5.60722	2.2E+08
16.67352	16.8	16.5	17.94402	18.06561	17.81624	2.08986	2.3	1.9	5.69197	0.04853	5.69083	2.2E+08
16.67352	16.8	16.5	17.94402	18.06561	17.81624	2.08986	2.3	1.9	5.77534	0.06911	5.77389	2.2E+08
16.57953	16.7	16.5	17.99223	18.09332	17.89936	2.15405	2.3	2	5.85871	0.03454	5.85722	2.2E+08
16.59957	16.7	16.5	18.01748	18.09332	17.89936	2.09712	2.2	1.9	5.94208	0.04857	5.94055	2.2E+08
16.62948	16.7	16.5	18.01191	18.12103	17.84395	2.05673	2.2	1.9	6.02545	0.06911	6.02389	2.2E+08
16.60638	16.7	16.5	17.94516	18.06561	17.81624	1.90441	2.2	1.7	6.10881	0.05508	6.1075	2.2E+08
16.60638	16.7	16.5	17.94516	18.06561	17.81624	1.90441	2.2	1.7	6.19217	0.01401	6.19055	2.2E+08
16.66676	16.7	16.5	17.93845	18.03791	17.84395	1.77351	2	1.7	6.27553	0.01401	6.27389	2.2E+08
16.6202	16.7	16.5	17.9324	18.03791	17.81624	1.78583	2	1.7	6.35889	0.01397	6.3575	2.2E+08
16.6202	16.7	16.5	17.9324	18.03791	17.81624	1.78583	2	1.7	6.44224	0.05506	6.44055	2.2E+08
16.51677	16.6	16.5	17.99018	18.09332	17.89936	1.87987	1.9	1.6	6.52561	0.04853	6.52416	2.2E+08
16.54997	16.7	16.5	18.04586	18.12103	17.89936	1.83659	1.9	1.6	6.60897	0.02052	6.60722	2.2E+08
16.72351	16.8	16.7	18.06407	18.12103	17.98249	1.63319	1.7	1.5	6.69232	0.01404	6.69083	2.2E+08
16.74667	16.8	16.7	18.07494	18.14873	17.98249	1.61303	1.7	1.5	6.77569	0.02052	6.77416	2.2E+08
16.74667	16.8	16.7	18.07494	18.14873	17.98249	1.61303	1.7	1.5	6.85907	0.06911	6.85722	2.2E+08
16.72349	16.8	16.7	18.06193	18.12103	17.98249	1.65635	1.7	1.5	6.94245	0.03455	6.94055	2.2E+08
16.6906	16.8	16.5	18.07148	18.14873	18.0102	1.67614	1.9	1.6	7.02581	0	7.02389	2.2E+08
16.66719	16.7	16.5	18.06363	18.14873	17.98249	1.68613	1.9	1.6	7.10916	0	7.10722	2.2E+08
16.43743	16.5	16.2	18.12169	18.23186	18.0102	1.89919	2.1	1.8	7.19252	0.0066	7.19083	2.2E+08
16.43743	16.5	16.2	18.12169	18.23186	18.0102	1.89919	2.1	1.8	7.27589	0.04111	7.27389	2.2E+08
16.3899	16.5	16.2	18.11759	18.23186	18.03791	1.93695	2.1	1.8	7.35926	0.0066	7.35722	2.2E+08
16.30749	16.4	16.2	18.116	18.20415	18.03791	2.01895	2.2	1.9	7.44264	0.05507	7.44055	2.2E+08
16.20369	16.4	16.1	18.12356	18.20415	18.06561	2.07993	2.3	1.9	7.526	0.0423	7.52416	2.2E+08
16.20369	16.4	16.1	18.12356	18.20415	18.06561	2.07993	2.3	1.9	7.60937	0.0756	7.60722	2.2E+08
16.18992	16.4	16.1	18.10016	18.17644	18.03791	2.03734	2.2	1.7	7.69274	0.03452	7.69055	2.2E+08
16.24971	16.4	16.1	18.10144	18.17644	18.03791	1.92082	2.1	1.7	7.77612	0	7.77416	2.2E+08
16.24971	16.4	16.1	18.10144	18.17644	18.03791	1.92082	2.1	1.7	7.85948	0.02056	7.85722	2.2E+08
16.14331	16.2	16.1	18.09629	18.20415	18.03791	1.98689	2.2	1.9	7.94284	0	7.94055	2.2E+08
16.18994	16.4	16.1	18.10874	18.17644	18.03791	1.90712	2	1.7	8.0262	0.02056	8.02388	2.2E+08
16.16305	16.4	16.1	18.16017	18.25957	18.06561	1.93023	2.1	1.7	8.10956	0.01392	8.10722	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
16.17917	16.4	16.1	18.13823	18.23186	18.06561	1.89774	2	1.7	8.19292	0	8.19055	2.2E+08
16.22351	16.4	16.1	18.17807	18.25957	18.06561	1.83661	2	1.6	8.27639	0.02056	8.27388	2.2E+08
16.11007	16.2	16	18.20449	18.25957	18.12103	1.89327	2	1.7	8.35987	0	8.3575	2.2E+08
16.11007	16.2	16	18.20449	18.25957	18.12103	1.89327	2	1.7	8.44335	0.01388	8.44055	2.2E+08
16.09698	16.2	16	18.20991	18.31499	18.09332	1.89717	2	1.6	8.52681	0.03449	8.52416	2.2E+08
16.09698	16.2	16	18.20991	18.31499	18.09332	1.89717	2	1.6	8.61025	0.02792	8.60722	2.2E+08
16.25316	16.4	16.1	18.1988	18.34269	18.09332	1.71997	1.8	1.4	8.69368	0.00662	8.69083	2.2E+08
16.30076	16.4	16.2	18.21602	18.34269	18.09332	1.63271	1.8	1.4	8.77711	0.03451	8.77388	2.2E+08
16.37318	16.5	16.2	18.24667	18.31499	18.17644	1.54106	1.8	1.4	8.86054	0.03452	8.85722	2.2E+08
16.4	16.4	16.4	18.25278	18.34269	18.17644	1.5404	1.6	1.4	8.94397	0	8.94055	2.2E+08
16.40292	16.5	16.2	18.26916	18.39811	18.17644	1.51647	1.8	1.4	9.0274	0	9.02416	2.2E+08
16.38656	16.4	16.2	18.26999	18.3704	18.20415	1.56637	1.8	1.4	9.11084	0.03452	9.10722	2.2E+08
16.38658	16.4	16.2	18.31643	18.39811	18.23186	1.56056	1.8	1.4	9.19427	0.06903	9.19083	2.2E+08
16.38658	16.4	16.2	18.31643	18.39811	18.23186	1.56056	1.8	1.4	9.2777	0	9.27388	2.2E+08
16.35299	16.4	16.2	18.34165	18.42582	18.25957	1.58651	1.8	1.4	9.36112	0	9.35722	2.2E+08
16.28671	16.4	16.2	18.33671	18.42582	18.20415	1.67295	1.8	1.4	9.44455	0.01393	9.44055	2.2E+08
16.18997	16.4	16.1	18.35745	18.42582	18.25957	1.73097	1.9	1.4	9.528	0.03449	9.52388	2.2E+08
16.12314	16.2	16.1	18.3232	18.39811	18.23186	1.81639	1.9	1.6	9.61147	0.04116	9.60722	2.2E+08
15.92652	16.1	15.9	18.31421	18.42582	18.20415	1.92315	2.1	1.7	9.69491	0.08948	9.69083	2.2E+08
15.92652	16.1	15.9	18.31421	18.42582	18.20415	1.92315	2.1	1.7	9.77836	0.02058	9.77388	2.2E+08
15.89329	15.9	15.8	18.35773	18.48124	18.23186	1.9027	2.1	1.8	9.86183	0	9.8575	2.2E+08
15.89329	15.9	15.8	18.35773	18.48124	18.23186	1.9027	2.1	1.8	9.94531	0	9.94055	2.2E+08
15.8664	15.9	15.8	18.40817	18.50894	18.31499	1.87056	2	1.8	10.02878	0.03446	10.02416	2.2E+08
15.8664	15.9	15.8	18.40817	18.50894	18.31499	1.87056	2	1.8	10.11227	0.02058	10.10722	2.2E+08
15.85713	15.9	15.8	18.44067	18.53665	18.34269	1.85585	2	1.8	10.19574	0	10.19083	2.2E+08
15.85713	15.9	15.8	18.44067	18.53665	18.34269	1.85585	2	1.8	10.27919	0	10.27388	2.2E+08
15.86977	15.9	15.8	18.46853	18.56436	18.34269	1.83022	1.9	1.8	10.36267	0.01388	10.35722	2.2E+08
15.87603	16	15.8	18.47665	18.56436	18.34269	1.81389	1.9	1.7	10.44612	0.02058	10.44055	2.2E+08
16.05637	16.1	15.9	18.49138	18.56436	18.34269	1.73699	1.9	1.6	10.52959	0	10.52416	2.2E+08
16.05637	16.1	15.9	18.49138	18.56436	18.34269	1.73699	1.9	1.6	10.61304	0.0345	10.60722	2.2E+08
16.17679	16.4	16.1	18.42057	18.53665	18.31499	1.69617	1.9	1.4	10.69651	0.02836	10.69055	2.2E+08
16.31337	16.4	16.1	18.44731	18.56436	18.34269	1.79671	2	1.6	10.77997	0	10.77416	2.2E+08
16.31337	16.4	16.1	18.44731	18.56436	18.34269	1.79671	2	1.6	10.86342	0.02053	10.85722	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.60325	16.7	16.5	18.43764	18.50894	18.3704	1.73324	1.8	1.6	10.94688	0	10.94083	2.2E+08
16.60325	16.7	16.5	18.43764	18.50894	18.3704	1.73324	2.2	1.6	11.03032	0.02054	11.02416	2.2E+08
16.65678	16.8	16.5	18.45815	18.53665	18.3704	1.83643	2.2	1.6	11.11378	0	11.10722	2.2E+08
16.57358	16.7	16.5	18.55504	18.67519	18.42582	2.19652	2.3	2	11.19724	0.05507	11.19083	2.2E+08
16.57358	16.7	16.5	18.55504	18.67519	18.42582	2.19652	2.3	2	11.28068	0	11.27388	2.2E+08
16.50336	16.6	16.4	18.63747	18.7306	18.50894	2.44367	2.6	2.3	11.3641	0.05507	11.3575	2.2E+08
16.50336	16.6	16.4	18.63747	18.7306	18.50894	2.44367	2.6	2.3	11.44752	0.014	11.44055	2.2E+08
16.50382	16.6	16.4	18.63672	18.7306	18.53665	2.586	2.8	2.5	11.53094	0.02797	11.52416	2.2E+08
16.50382	16.6	16.4	18.63672	18.7306	18.53665	2.586	2.8	2.5	11.61437	0.03454	11.60722	2.2E+08
16.49663	16.6	16.4	18.6734	18.75832	18.53665	2.73611	2.9	2.5	11.69779	0.0078	11.69083	2.2E+08
16.4672	16.5	16.4	18.66755	18.75832	18.53665	2.8328	2.9	2.7	11.78121	0.05507	11.77416	2.2E+08
16.47983	16.5	16.4	18.66658	18.75832	18.56436	2.83025	3	2.7	11.86463	0.0078	11.8575	2.2E+08
16.47983	16.5	16.4	18.66658	18.75832	18.56436	2.83025	3	2.7	11.94805	0.03454	11.94055	2.2E+08
16.46639	16.5	16.4	18.6463	18.7306	18.50894	2.88992	3	2.7	12.03149	0.03452	12.02416	2.2E+08
16.46639	16.5	16.4	18.6463	18.7306	18.50894	2.88992	3	2.7	12.11494	0	12.10722	2.2E+08
16.46721	16.5	16.4	18.62435	18.7306	18.50894	2.87231	3	2.8	12.1984	0.03454	12.19055	2.2E+08
16.44655	16.5	16.4	18.57465	18.7029	18.48124	2.91347	3	2.8	12.28187	0	12.27388	2.2E+08
16.49027	16.5	16.4	18.59904	18.7029	18.50894	2.86299	3	2.8	12.36533	0	12.3575	2.2E+08
16.49027	16.5	16.4	18.59904	18.7029	18.50894	2.86299	3	2.8	12.4488	0.03454	12.44055	2.2E+08
16.50335	16.6	16.4	18.55752	18.61977	18.48124	2.85729	3	2.7	12.53227	0.03452	12.52416	2.2E+08
16.50335	16.6	16.4	18.52801	18.61977	18.39811	2.85715	3	2.7	12.61573	0	12.60722	2.2E+08
16.48655	16.5	16.4	18.50036	18.61977	18.39811	2.89665	3	2.8	12.69919	0	12.69083	2.2E+08
16.48655	16.5	16.4	18.50036	18.61977	18.39811	2.89665	3	2.8	12.78265	0.05506	12.77388	2.2E+08
16.52301	16.7	16.4	18.52958	18.61977	18.45352	2.87408	3.1	2.7	12.86612	0	12.85722	2.2E+08
16.65025	16.7	16.5	18.51813	18.64748	18.42582	2.74305	2.9	2.6	12.94956	0.03456	12.94083	2.2E+08
16.69664	16.7	16.6	18.46945	18.56436	18.39811	2.69326	2.8	2.6	13.03301	0	13.02416	2.2E+08
16.69664	16.7	16.6	18.46945	18.56436	18.39811	2.69326	2.8	2.6	13.11644	0	13.10722	2.2E+08
16.72319	16.8	16.6	18.46712	18.56436	18.3704	2.67008	2.8	2.5	13.19987	0.02053	13.19083	2.2E+08
16.72319	16.8	16.6	18.46712	18.56436	18.3704	2.67008	2.8	2.5	13.28331	0.02053	13.27388	2.2E+08
16.65394	16.7	16.5	18.49963	18.59206	18.42582	2.76286	2.9	2.6	13.36675	0	13.3575	2.2E+08
16.68991	16.8	16.6	18.49633	18.56436	18.42582	2.73361	2.9	2.6	13.45018	0.05508	13.44055	2.2E+08
16.69328	16.8	16.6	18.53874	18.61977	18.45352	2.73358	3	2.6	13.5336	0.02053	13.52388	2.2E+08
16.66643	16.7	16.5	18.48173	18.61977	18.39811	2.74666	3	2.6	13.61703	0	13.60722	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.56717	16.7	16.5	18.52097	18.7306	18.39811	2.82275	2.9	2.7	13.70044	0	13.69083	2.2E+08
16.56717	16.7	16.5	18.52097	18.7306	18.39811	2.82275	2.9	2.7	13.78387	0	13.77388	2.2E+08
16.45715	16.5	16.4	18.58722	18.7306	18.45352	2.9062	3	2.8	13.86729	0.02054	13.8575	2.2E+08
16.45715	16.5	16.4	18.58722	18.7306	18.45352	2.9062	3	2.8	13.95071	0	13.94055	2.2E+08
16.40334	16.5	16.2	18.58964	18.7029	18.48124	2.93363	3	2.8	14.03413	0.03452	14.02416	2.2E+08
16.39326	16.4	16.2	18.59039	18.7029	18.48124	2.91009	3.1	2.6	14.11755	0.06903	14.1075	2.2E+08
16.39326	16.4	16.2	18.59039	18.7029	18.48124	2.91009	3.1	2.6	14.20096	0.03451	14.19055	2.2E+08
16.37985	16.4	16.2	18.57013	18.7029	18.45352	2.79395	3.1	2.6	14.28439	0.03452	14.27416	2.2E+08
16.37985	16.4	16.2	18.57013	18.7029	18.45352	2.79395	3.1	2.6	14.36784	0	14.35722	2.2E+08
16.40338	16.5	16.2	18.51885	18.64748	18.39811	2.69735	2.8	2.5	14.45131	0	14.44083	2.2E+08
16.40671	16.5	16.4	18.52797	18.59206	18.39811	2.62354	2.8	2.5	14.53475	0.03454	14.52388	2.2E+08
16.79258	17	16.7	18.46997	18.59206	18.3704	2.21079	2.6	2	14.61819	0.04102	14.6075	2.2E+08
16.79258	17	16.7	18.46997	18.59206	18.3704	2.21079	2.6	2	14.70164	0.03461	14.69055	2.2E+08
17.18687	17.3	17.1	18.50395	18.56436	18.42582	2.12608	2.3	1.8	14.78509	0	14.77416	2.2E+08
17.18687	17.3	17.1	18.50395	18.56436	18.42582	2.12608	2.3	1.8	14.86854	0	14.85722	2.2E+08
17.12317	17.2	16.8	18.52442	18.64748	18.39811	2.34679	2.6	2.1	14.95199	0.02048	14.94055	2.2E+08
17.26385	17.4	17.2	18.4987	18.61977	18.39811	2.49985	2.6	2.3	15.03542	0.02676	15.02388	2.2E+08
17.71291	17.9	17.4	18.37185	18.48124	18.25957	2.47668	2.7	2.3	15.11887	0.02045	15.1075	2.2E+08
17.71291	17.9	17.4	18.37185	18.48124	18.25957	2.47668	2.7	2.3	15.20232	0.02041	15.19055	2.2E+08
18.09637	18.3	17.8	18.31064	18.39811	18.23186	2.3833	2.6	2.19999	15.28576	0.0204	15.27388	2.2E+08
18.60983	18.9	18.3	18.26431	18.34269	18.17644	2.45927	2.7	2.19999	15.36921	0	15.3575	2.2E+08
18.60983	18.9	18.3	18.26431	18.34269	18.17644	2.45927	2.8	2.3	15.45266	0.03479	15.44083	2.2E+08
18.77645	18.9	18.5	18.2769	18.3704	18.20415	2.56065	2.8	2.3	15.53611	0.06368	15.52388	2.2E+08
19.04152	19.2	18.8	18.27154	18.34269	18.20415	2.64215	3.1	2.5	15.61955	0.00584	15.60722	2.2E+08
19.21447	19.4	18.8	18.26767	18.34269	18.20415	2.70554	3.1	2.5	15.70296	0.03483	15.69055	2.2E+08
19.11925	19.4	18.8	18.2937	18.42582	18.20415	3.11787	3.5	2.6	15.78638	0	15.77388	2.2E+08
18.94028	19.1	18.8	18.21568	18.31499	18.06561	3.3698	3.5	3.2	15.8698	0	15.85722	2.2E+08
18.75809	19.1	18.5	18.07745	18.23186	17.95478	3.46823	3.8	3.1	15.95323	0.02037	15.94083	2.2E+08
18.75809	19.1	18.5	18.07745	18.23186	17.95478	3.46823	3.8	3.1	16.03664	0.03472	16.02389	2.2E+08
18.35677	18.5	18.2	18.12498	18.23186	18.03791	3.5664	3.7	3.4	16.12005	0	16.1075	2.2E+08
18.35677	18.5	18.2	18.12498	18.23186	18.03791	3.5664	3.7	3.4	16.2035	0.05513	16.19055	2.2E+08
18.38989	18.5	18.3	18.07649	18.17644	17.98249	3.38656	3.5	3.2	16.28691	0.02041	16.27416	2.2E+08
18.38989	18.5	18.3	18.07649	18.17644	17.98249	3.38656	3.5	3.2	16.37032	0	16.35722	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
18.36976	18.4	18.3	18.0916	18.20415	17.98249	3.24616	3.4	3	16.45357	0	16.44083	2.2E+08
18.36976	18.4	18.3	18.0916	18.20415	17.98249	3.24616	3.4	3	16.53677	0.0204	16.52389	2.2E+08
18.40956	18.5	18.3	18.02989	18.12103	17.92707	3.09354	3.3	2.9	16.61997	0.00652	16.6075	2.2E+08
18.40956	18.5	18.3	18.02989	18.12103	17.92707	3.00724	3.3	2.9	16.70318	0.07603	16.69055	2.2E+08
18.73893	19.1	18.5	18.01392	18.12103	17.89936	2.74736	3.2	2.4	16.78638	0.00595	16.77416	2.2E+08
18.73893	19.1	18.5	18.01392	18.12103	17.89936	2.74736	3.2	2.4	16.86958	0	16.85722	2.2E+08
19.61017	19.8	19.4	17.96769	18.0102	17.92707	2.16943	2.3	2	16.95279	0	16.94083	2.2E+08
19.61017	19.8	19.4	17.96769	18.0102	17.92707	2.16943	2.3	2	17.03599	0.02029	17.02389	2.2E+08
20.20708	20.3	20.1	18.09744	18.23186	17.92707	2.15574	2.4	2	17.11919	0.08449	17.1075	2.2E+08
20.20708	20.3	20.1	18.09744	18.23186	17.92707	2.15574	2.4	2	17.20239	0.00554	17.19055	2.2E+08
20.23416	20.6	20.1	18.41891	18.50894	18.25957	2.81271	3	2.5	17.2856	0.03499	17.27416	2.2E+08
20.23416	20.6	20.1	18.41891	18.50894	18.25957	2.81271	3	2.5	17.3688	0.01468	17.35722	2.2E+08
20.44021	20.7	20.2	18.49733	18.64748	18.39811	3.00295	3.6	2.9	17.452	0.07	17.44083	2.2E+08
20.36155	20.8	20.1	18.53631	18.67519	18.42582	3.36869	3.6	2.9	17.53521	0.05524	17.52389	2.2E+08
20.23158	20.8	20	18.57497	18.67519	18.42582	3.68878	3.9	2.9	17.61841	0.01469	17.60722	2.2E+08
19.98246	20.3	19.7	18.48832	18.59206	18.3704	4.07807	4.4	3.8	17.70161	0.0349	17.69083	2.2E+08
19.98246	20.3	19.7	18.48832	18.59206	18.3704	4.07807	4.19999	3.6	17.78482	0	17.77389	2.2E+08
20.22373	20.4	19.8	18.47043	18.53665	18.39811	3.82972	4.19999	3.6	17.86802	0.03501	17.85722	2.2E+08
20.30978	20.7	19.8	18.47309	18.56436	18.42582	3.78686	4.3	3.3	17.95123	0.03375	17.94083	2.2E+08
20.30978	20.7	19.8	18.47309	18.56436	18.42582	3.78686	4.3	3.3	18.03443	0	18.02389	2.2E+08
21.49573	21.8	21.4	18.3836	18.50894	18.17644	2.76761	3	2.5	18.11763	0.07549	18.1075	2.2E+08
21.49573	21.8	21.4	18.3836	18.50894	18.17644	2.76761	3	2.5	18.20084	0.03513	18.19055	2.2E+08
21.34906	21.8	20.9	18.58666	18.7029	18.45352	3.48098	4	2.9	18.28404	0.04996	18.27416	2.2E+08
21.34906	21.8	20.9	18.58666	18.7029	18.45352	3.48098	4	2.9	18.36725	0	18.35722	2.2E+08
21.4908	22	21	18.52342	18.67519	18.3704	3.52597	4	3	18.45045	0.09566	18.44083	2.2E+08
21.4908	22	21	18.52342	18.67519	18.3704	3.52597	4	3	18.53366	0.06992	18.52389	2.2E+08
20.4831	20.8	20.1	18.52096	18.64748	18.45352	4.46981	4.9	4.1	18.61686	0.06438	18.6075	2.2E+08
20.4831	20.8	20.1	18.52096	18.64748	18.45352	4.46981	4.9	4.1	18.70006	0.02022	18.69055	2.2E+08
21.22087	21.8	20.7	18.41553	18.50894	18.25957	3.63205	4.2	3.1	18.78327	0.03522	18.77389	2.2E+08
21.59603	22.1	21.4	18.45459	18.53665	18.23186	3.35048	3.6	2.8	18.86648	0.07543	18.8575	2.2E+08
21.59603	22.1	21.4	18.45459	18.53665	18.23186	3.35048	3.6	2.8	18.9497	0.04032	18.94055	2.2E+08
22.62084	22.8	22.1	18.53963	18.67519	18.45352	2.7156	3.2	2.5	19.0329	0	19.02416	2.2E+08
22.62084	22.8	22.1	18.53963	18.67519	18.45352	2.7156	3.2	2.5	19.11611	0.03526	19.10722	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
22.26362	22.7	21.6	18.8926	19.00769	18.67519	3.4962	4	3.1	19.19931	0.03524	19.19083	2.2E+08
22.26362	22.7	21.6	18.8926	19.00769	18.67519	3.4962	4	3.1	19.28251	0	19.27389	2.2E+08
22.4185	22.7	22.1	18.85654	18.95227	18.75832	3.6112	4	3.3	19.36571	0.02015	19.3575	2.2E+08
22.4185	22.7	22.1	18.85654	18.95227	18.75832	3.6112	4	3.3	19.44892	0.02013	19.44055	2.2E+08
22.6401	22.8	22.5	18.74952	18.89685	18.67519	3.44642	3.6	3.3	19.53212	0.005	19.52416	2.2E+08
22.6401	22.8	22.5	18.74952	18.89685	18.67519	3.44642	3.6	3.3	19.61532	0.03527	19.60722	2.2E+08
22.83595	23.1	22.6	18.94793	19.0631	18.78602	3.49408	3.8	3.1	19.69853	0.03034	19.69083	2.2E+08
22.83595	23.1	22.6	18.94793	19.0631	18.78602	3.49408	3.8	3.1	19.78173	0	19.77389	2.2E+08
22.76127	23.1	22.4	18.9979	19.14622	18.89685	3.65501	4.1	3.3	19.86493	0.01524	19.85722	2.2E+08
23.06811	23.3	22.7	18.98351	19.0631	18.86914	3.44253	3.8	3.19999	19.94814	0.03528	19.94083	2.2E+08
23.06811	23.3	22.7	18.98351	19.0631	18.86914	3.44253	3.8	3.19999	20.03134	0.02511	20.02389	2.2E+08
22.6424	23.1	22.1	19.11872	19.22935	19.00769	3.85124	4.3	3.4	20.11454	0.05542	20.1075	2.2E+08
22.6424	23.1	22.1	19.11872	19.22935	19.00769	3.85124	4.3	3.4	20.19775	0.04323	20.19055	2.2E+08
23.44221	23.8	23.2	19.02793	19.14622	18.95227	3.20129	3.4	2.9	20.28095	0.0201	20.27389	2.2E+08
22.9318	23.9	22.4	19.24507	19.42331	19.00769	3.93804	4.6	2.9	20.36416	0.02008	20.35722	2.2E+08
22.71714	23.2	22.2	19.32307	19.47872	19.25706	4.29967	4.9	3.8	20.44736	0	20.44083	2.2E+08
23.32684	23.7	23.1	19.30462	19.36789	19.17393	3.69914	4	3.3	20.53056	0.05073	20.52416	2.2E+08
23.32684	23.7	23.1	19.30462	19.36789	19.17393	3.69914	4	3.3	20.61377	0	20.60722	2.2E+08
23.17231	23.4	22.5	19.39133	19.47872	19.28477	4.07759	4.7	3.8	20.69697	0.05546	20.69083	2.2E+08
23.17231	23.4	22.5	19.39133	19.47872	19.28477	4.07759	4.7	3.8	20.78017	0	20.77389	2.2E+08
23.79521	24.2	23.6	19.4876	19.56185	19.36789	3.74829	4	3.2	20.86337	0.01539	20.8575	2.2E+08
23.79521	24.2	23.6	19.4876	19.56185	19.36789	3.74829	4	3.2	20.94658	0.07053	20.94055	2.2E+08
23.24353	23.7	22.6	19.55091	19.72809	19.42331	4.55668	5.3	4.1	21.02978	0.05545	21.02416	2.2E+08
23.24353	23.7	22.6	19.55091	19.72809	19.42331	4.55668	5.3	4.1	21.11298	0	21.10722	2.2E+08
23.49714	23.8	23	19.50667	19.61726	19.42331	4.27682	4.9	3.9	21.19619	0	21.19055	2.2E+08
23.18583	23.7	22.5	19.57004	19.67268	19.45101	4.52428	4.7	3.8	21.27939	0.0078	21.27416	2.2E+08
23.46671	23.8	23	19.61326	19.67268	19.50643	4.21985	4.7	3.8	21.36259	0.04019	21.35722	2.2E+08
22.78378	23	22.7	19.50648	19.61726	19.42331	4.50688	4.7	4.2	21.4458	0	21.44083	2.2E+08
22.78378	23	22.7	19.50648	19.61726	19.42331	4.50688	4.7	4.2	21.529	0.02012	21.52389	2.2E+08
22.8736	23.3	22.4	19.36	19.50643	19.28477	3.8361	4.6	3.4	21.6122	0.03534	21.6075	2.2E+08
22.8736	23.3	22.4	19.36	19.50643	19.28477	3.8361	4.6	3.4	21.69541	0.00741	21.69055	2.2E+08
22.55205	22.8	22.4	19.39305	19.50643	19.28477	4.01457	4.2	3.69999	21.77861	0.07554	21.77389	2.2E+08
23.15659	23.4	22.8	19.41741	19.56185	19.31247	3.35013	3.8	3.1	21.86181	0.131	21.8575	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
23.15659	23.4	22.8	19.41741	19.56185	19.31247	3.35013	3.8	3.1	21.94502	0.03539	21.94055	2.2E+08
23.3592	23.7	23	19.40136	19.56185	19.28477	3.28115	3.6	2.9	22.02823	0.04017	22.02416	2.2E+08
23.3592	23.7	23	19.40136	19.56185	19.28477	3.28115	3.6	2.9	22.11143	0.01225	22.10722	2.2E+08
22.76836	23.2	22.5	19.46324	19.58955	19.31247	3.88209	4.2	3.4	22.19463	0.05056	22.19083	2.2E+08
22.76836	23.2	22.5	19.46324	19.58955	19.31247	3.88209	4.2	3.4	22.27784	0.0707	22.27389	2.2E+08
22.90479	23.2	22.7	19.39027	19.58955	19.25706	3.69857	3.9	3.4	22.36104	0	22.35722	2.2E+08
22.22076	22.5	21.9	19.49824	19.58955	19.36789	4.226	4.6	4	22.44424	0	22.44083	2.2E+08
22.22076	22.5	21.9	19.49824	19.58955	19.36789	4.226	4.6	4	22.52744	0.03528	22.52389	2.2E+08
22.16819	22.4	21.8	19.35017	19.47872	19.25706	4.01893	4.3	3.7	22.61065	0.02016	22.6075	2.2E+08
21.82854	22.2	21.3	19.40985	19.53413	19.31247	4.27482	4.8	3.9	22.69385	0.0202	22.69083	2.2E+08
21.82854	22.2	21.3	19.40985	19.53413	19.31247	4.27482	4.8	3.9	22.77705	0.07037	22.77389	2.2E+08
21.40034	21.5	21.3	19.39187	19.58955	19.28477	4.56229	4.5	4.2	22.86026	0.0404	22.8575	2.2E+08
21.38042	21.5	21.2	19.36043	19.47872	19.25706	4.39352	4.5	4.2	22.94346	0.0131	22.94055	2.2E+08
21.30816	21.5	20.9	19.4421	19.61726	19.31247	4.35576	4.8	4.1	23.02666	0.00523	23.02389	2.2E+08
21.25935	21.4	21	19.44477	19.53413	19.34018	4.33056	4.6	4.1	23.10987	0.00782	23.1075	2.2E+08
21.35969	21.5	21.2	19.49103	19.67268	19.36789	4.23358	4.4	4.1	23.19307	0.0202	23.19083	2.2E+08
21.35969	21.5	21.2	19.49103	19.67268	19.36789	4.23358	4.4	4.1	23.27627	0	23.27389	2.2E+08
21.42624	21.6	21.3	19.61071	19.67268	19.50643	4.2197	4.5	4	23.35948	0	23.35722	2.2E+08
21.41745	21.6	21.3	19.58455	19.67268	19.45101	4.36908	4.6	4.1	23.44268	0	23.44083	2.2E+08
21.41745	21.6	21.3	19.58455	19.67268	19.45101	4.36908	4.6	4.1	23.52588	0	23.52389	2.2E+08
21.23913	21.4	21	19.57274	19.67268	19.45101	4.38101	4.6	4.1	23.60908	0	23.60722	2.2E+08
21.81813	22.1	21.4	19.53177	19.64497	19.3956	3.69588	4.1	3.4	23.69229	0.03517	23.69055	2.2E+08
21.59314	22	21.4	19.54413	19.64497	19.45101	3.86314	4.1	3.4	23.77549	0	23.77389	2.2E+08
21.4602	21.6	21.4	19.50309	19.61726	19.36789	3.95963	4.1	3.8	23.8587	0.0352	23.85722	2.2E+08
21.75589	22.1	21.4	19.3986	19.50643	19.31247	3.59761	4	3.2	23.94191	0.04035	23.94055	2.2E+08
21.62941	21.8	21.4	19.41286	19.56185	19.28477	3.417	3.9	3.19999	24.00201	0	24	2.2E+08
21.49845	21.8	21.2	13.13414	19.42331	0	3.38351	3.7	3.2	24.00201	0	24	2.2E+08
21.21825	21.4	20.9	0	0	0	3.41167	3.7	3.2	24.00201	0	24	2.2E+08
20.99445	21.2	20.8	0	0	0	3.37181	3.6	3.1	24.00201	0	24	2.2E+08
20.77309	21	20.7	0	0	0	3.42042	3.6	3.1	24.00201	0	24	2.2E+08
20.02741	20.2	19.8	0	0	0	3.68628	3.9	3.5	24.00201	0	24	2.2E+08
20.02741	20.2	19.8	0	0	0	3.68628	3.9	3.5	24.00201	0	24	2.2E+08
19.73116	20	19.5	0	0	0	3.47889	3.7	3.3	24.00201	0	24	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
19.73116	20	19.5	0	0	0	3.47889	3.7	3.3	24.00201	0	24	2.2E+08
19.56662	19.7	19.4	0	0	0	3.44315	3.6	3.3	24.00201	0	24	2.2E+08
19.58374	19.7	19.5	0	0	0	3.26303	3.5	3.1	24.00201	0	24	2.2E+08
19.23363	19.4	19.1	0	0	0	3.20304	3.4	3	24.00201	0	24	2.2E+08
19.23363	19.4	19.1	0	0	0	3.20304	3.4	3	24.00201	0	24	2.2E+08
19.08655	19.2	18.9	0	0	0	3.23666	3.4	3.1	24.00201	0	24	2.2E+08
18.98074	19.1	18.9	0	0	0	3.17635	3.4	2.9	24.00201	0	24	2.2E+08
18.90671	19	18.8	0	0	0	3.07034	3.19999	2.9	24.00201	0	24	2.2E+08
18.89326	19	18.8	0	0	0	2.98008	3.1	2.9	24.00201	0	24	2.2E+08
18.61675	18.8	18.5	0	0	0	3.12027	3.3	2.9	24.00201	0	24	2.2E+08
18.49051	18.6	18.4	0	0	0	3.08834	3.3	2.9	24.00201	0	24	2.2E+08
18.49051	18.6	18.4	0	0	0	3.08834	3.3	2.9	24.00201	0	24	2.2E+08
18.40337	18.5	18.3	0	0	0	2.99663	3.2	2.8	24.00201	0	24	2.2E+08
18.34312	18.4	18.3	0	0	0	2.96696	3.1	2.9	24.00201	0	24	2.2E+08
18.32019	18.4	18.2	0	0	0	2.9272	3	2.8	24.00201	0	24	2.2E+08
18.22321	18.3	18.2	0	0	0	2.86668	2.9	2.69999	24.00201	0	24	2.2E+08
18.22321	18.3	18.2	0	0	0	2.86668	2.9	2.69999	24.00201	0	24	2.2E+08
18.31345	18.4	18.2	0	0	0	2.57739	2.8	2.3	24.00201	0	24	2.2E+08
18.33807	18.4	18.2	4.12038	19.86663	0	2.44706	2.69999	2.3	0.02273	0.09005	0.02416	2.2E+08
18.16385	18.3	18	17.08853	17.17896	16.985	2.45661	2.7	2.3	0.10613	0.00604	0.1075	2.2E+08
18.0195	18.2	17.9	17.14083	17.26208	17.01271	2.44744	2.6	2.3	0.18952	0.03478	0.19083	2.2E+08
17.97647	18	17.9	17.18336	17.28979	17.09583	2.36087	2.5	2.1	0.2729	0.03479	0.27416	2.2E+08
17.97647	18	17.9	17.18336	17.28979	17.09583	2.36087	2.5	2.1	0.35627	0.01435	0.35722	2.2E+08
17.95019	18	17.8	17.21527	17.28979	17.12354	2.17336	2.4	2	0.43964	0.01429	0.44055	2.2E+08
17.77643	17.8	17.7	17.30062	17.40062	17.23437	2.2202	2.3	2.1	0.523	0.03477	0.52416	2.2E+08
17.77643	17.8	17.7	17.30062	17.40062	17.23437	2.2202	2.3	2.1	0.60637	0.0695	0.60722	2.2E+08
17.73326	17.8	17.7	17.36245	17.51145	17.26208	2.21077	2.3	2.1	0.68975	0.03473	0.69055	2.2E+08
17.72319	17.8	17.7	17.36386	17.53916	17.26208	2.08354	2.2	2	0.77313	0	0.77416	2.2E+08
17.73701	17.8	17.6	17.31464	17.37291	17.23437	2.04282	2.2	1.8	0.85651	0.02044	0.8575	2.2E+08
17.68683	17.8	17.4	17.32514	17.40062	17.23437	2.06604	2.4	1.9	0.93988	0.02667	0.94083	2.2E+08
17.68683	17.8	17.4	17.32514	17.40062	17.23437	2.06604	2.4	1.9	1.02325	0.00644	1.02388	2.2E+08
17.58557	17.7	17.4	17.3355	17.42833	17.26208	2.08651	2.4	1.9	1.10662	0.0552	1.10722	2.2E+08
17.59601	17.7	17.4	17.35706	17.48375	17.28979	2.01744	2.2	1.8	1.18998	0.06946	1.19055	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.61251	17.7	17.4	17.38097	17.53916	17.28979	1.98411	2.2	1.8	1.27335	0.05519	1.27416	2.2E+08
17.53055	17.7	17.4	17.48113	17.59458	17.34521	2.00984	2.2	1.8	1.35671	0.0143	1.35722	2.2E+08
17.54676	17.7	17.4	17.424	17.59458	17.28979	1.94619	2.2	1.7	1.44007	0	1.44055	2.2E+08
17.43024	17.6	17.3	17.45875	17.59458	17.28979	1.99666	2.2	1.8	1.52343	0.04094	1.52416	2.2E+08
17.40333	17.6	17.3	17.58619	17.70541	17.3175	2.0034	2.1	1.8	1.60679	0.03472	1.6075	2.2E+08
17.40333	17.6	17.3	17.58619	17.70541	17.3175	2.0034	2.1	1.8	1.69015	0.03471	1.69055	2.2E+08
17.38719	17.6	17.3	17.58105	17.73312	17.40062	1.98588	2.1	1.8	1.77351	0.02048	1.77416	2.2E+08
17.38719	17.6	17.3	17.58105	17.73312	17.40062	1.98588	2.1	1.8	1.85688	0	1.85722	2.2E+08
17.36301	17.4	17.3	17.58716	17.70541	17.45604	1.98009	2.1	1.9	1.94023	0.04875	1.94055	2.2E+08
17.38922	17.6	17.3	17.55509	17.6777	17.40062	1.92726	2.1	1.8	2.02359	0.01422	2.02416	2.2E+08
17.38922	17.6	17.3	17.55509	17.6777	17.40062	1.92726	2.1	1.8	2.10695	0.0347	2.10722	2.2E+08
17.35286	17.6	17.3	17.61813	17.73312	17.42833	1.94777	2.1	1.7	2.19032	0.02048	2.19083	2.2E+08
17.35286	17.6	17.3	17.61813	17.73312	17.42833	1.94777	2	1.7	2.27368	0	2.27388	2.2E+08
17.38317	17.4	17.3	17.53729	17.6777	17.34521	1.86824	2	1.6	2.35705	0.02048	2.3575	2.2E+08
17.36632	17.4	17.3	17.53729	17.6777	17.34521	1.86824	2	1.6	2.44042	0	2.44083	2.2E+08
17.36632	17.4	17.3	17.47414	17.62229	17.28979	1.89059	2	1.6	2.52377	0	2.52388	2.2E+08
17.35994	17.4	17.2	17.42008	17.59458	17.3175	1.85252	2	1.6	2.60713	0	2.6075	2.2E+08
17.35994	17.4	17.2	17.42008	17.59458	17.3175	1.85252	2	1.6	2.69049	0.01419	2.69055	2.2E+08
17.33334	17.4	17.2	17.47485	17.59458	17.34521	1.82152	2	1.6	2.77389	0	2.77388	2.2E+08
17.28315	17.4	17.2	17.37049	17.53916	17.23437	1.80099	2.1	1.6	2.85726	0.02048	2.85722	2.2E+08
17.24679	17.3	17.2	17.33976	17.51145	17.26208	1.81375	2.1	1.69999	2.94062	0.05517	2.94055	2.2E+08
17.2471	17.3	17.2	17.31201	17.37291	17.26208	1.79663	2	1.69999	3.02397	0	3.02416	2.2E+08
17.2471	17.3	17.2	17.31201	17.37291	17.26208	1.79663	2	1.69999	3.10732	0.02049	3.10722	2.2E+08
17.12969	17.2	17	17.32775	17.45604	17.26208	1.86023	2.2	1.7	3.19069	0.05513	3.19083	2.2E+08
17.12969	17.2	17	17.32775	17.45604	17.26208	1.86023	2.2	1.7	3.27405	0	3.27388	2.2E+08
17.00642	17.1	16.8	17.4878	17.6777	17.28979	1.95048	2.19999	1.8	3.35744	0.03462	3.3575	2.2E+08
16.89055	17.1	16.8	17.58308	17.73312	17.40062	2.05578	2.19999	1.9	3.44081	0.00641	3.44083	2.2E+08
16.89055	17.1	16.8	17.58308	17.73312	17.40062	2.05578	2.19999	1.9	3.52418	0.03461	3.52416	2.2E+08
16.82011	17	16.8	17.58113	17.73312	17.45604	2.07652	2.19999	1.9	3.60754	0.02051	3.60722	2.2E+08
16.78724	16.8	16.7	17.54991	17.64999	17.40062	2.04901	2.3	2	3.6909	0.05514	3.69083	2.2E+08
16.75705	16.8	16.6	17.62386	17.76083	17.40062	2.06979	2.3	2	3.77426	0.03461	3.77388	2.2E+08
16.79999	17	16.7	17.63901	17.76083	17.45604	1.96373	2.1	1.8	3.85763	0	3.8575	2.2E+08
16.79999	17	16.7	17.63901	17.76083	17.45604	1.96373	2.1	1.8	3.94099	0	3.94055	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.77316	16.8	16.7	17.72329	17.81624	17.59458	1.94697	2.1	1.9	4.02435	0.03461	4.02416	2.2E+08
16.77316	16.8	16.7	17.72329	17.81624	17.59458	1.94697	2.1	1.9	4.10773	0.03462	4.1075	2.2E+08
16.81343	17	16.7	17.76985	17.84395	17.6777	1.8698	2	1.4	4.19111	0.02681	4.19055	2.2E+08
16.79331	17	16.7	17.74826	17.81624	17.59458	1.87715	2	1.6	4.27449	0.03461	4.27389	2.2E+08
16.74026	16.8	16.7	17.77066	17.84395	17.70541	1.90598	2	1.6	4.35786	0	4.3575	2.2E+08
16.74026	16.8	16.7	17.77066	17.84395	17.70541	1.90598	2	1.6	4.44121	0.03463	4.44055	2.2E+08
16.75032	16.8	16.7	17.76603	17.84395	17.6777	1.85975	2	1.6	4.52456	0	4.52416	2.2E+08
16.75032	16.8	16.7	17.76603	17.84395	17.6777	1.85975	2.1	1.6	4.60791	0.02051	4.60722	2.2E+08
16.75369	16.8	16.6	17.77466	17.84395	17.70541	1.83418	2.1	1.6	4.69127	0	4.69055	2.2E+08
16.68324	16.8	16.5	17.77227	17.84395	17.70541	1.86977	2	1.6	4.77464	0.08321	4.77389	2.2E+08
16.58322	16.7	16.5	17.75711	17.81624	17.6777	1.94762	2.2	1.7	4.85801	0.06914	4.85722	2.2E+08
16.47046	16.5	16.4	17.75459	17.81624	17.6777	1.97649	2.2	1.9	4.94139	0.02055	4.94083	2.2E+08
16.48052	16.6	16.4	17.77615	17.84395	17.70541	1.93288	2.2	1.9	5.02476	0	5.02416	2.2E+08
16.48994	16.5	16.4	17.77925	17.84395	17.73312	1.91677	2.2	1.9	5.10814	0.03456	5.1075	2.2E+08
16.48994	16.5	16.4	17.77925	17.84395	17.73312	1.91677	2	1.8	5.1915	0.03457	5.19055	2.2E+08
16.45034	16.5	16.4	17.78974	17.84395	17.73312	1.94294	2	1.8	5.27486	0.02055	5.27416	2.2E+08
16.41677	16.5	16.4	17.79514	17.84395	17.73312	1.96647	2.2	1.9	5.35822	0.0078	5.3575	2.2E+08
16.41677	16.5	16.4	17.79514	17.84395	17.73312	1.96647	2.2	1.9	5.44157	0.04111	5.44055	2.2E+08
16.37313	16.4	16.2	17.79233	17.84395	17.73312	1.97651	2.2	1.9	5.52492	0	5.52389	2.2E+08
16.42687	16.5	16.4	17.79521	17.87166	17.73312	1.91672	2	1.8	5.60827	0	5.6075	2.2E+08
16.42687	16.5	16.4	17.79521	17.87166	17.73312	1.91672	2	1.8	5.69164	0.00656	5.69055	2.2E+08
16.19663	16.4	16.1	17.82304	17.92707	17.73312	2.13692	2.3	1.9	5.77501	0.0485	5.77416	2.2E+08
16.19663	16.4	16.1	17.82304	17.92707	17.73312	2.13692	2.3	1.9	5.85838	0	5.85722	2.2E+08
16.20331	16.4	16.1	17.84923	17.95478	17.76083	2.12686	2.3	1.9	5.94174	0	5.94055	2.2E+08
16.37922	16.5	16.2	17.85613	17.92707	17.78853	1.99798	2.2	1.8	6.02509	0.01402	6.02416	2.2E+08
16.37922	16.5	16.2	17.85613	17.92707	17.78853	1.99798	2.2	1.8	6.10845	0.03456	6.10722	2.2E+08
16.22012	16.4	16.1	17.83101	17.92707	17.70541	2.1631	2.3	1.9	6.19181	0.02056	6.19083	2.2E+08
16.22012	16.4	16.1	17.83101	17.92707	17.70541	2.1631	2.3	1.9	6.27517	0.0411	6.27389	2.2E+08
16.28925	16.4	16.1	17.81867	17.92707	17.73312	2.10067	2.3	1.9	6.35854	0.04111	6.35722	2.2E+08
16.39329	16.5	16.2	17.79135	17.87166	17.73312	2.01341	2.2	1.9	6.4419	0.02673	6.44083	2.2E+08
16.43621	16.5	16.4	17.79103	17.89936	17.70541	1.97722	2.2	1.9	6.52526	0.03454	6.52416	2.2E+08
16.43621	16.5	16.4	17.79103	17.89936	17.70541	1.97722	2.3	1.9	6.60862	0	6.6075	2.2E+08
16.42616	16.5	16.4	17.80054	17.87166	17.73312	2.1101	2.3	1.9	6.69199	0	6.69055	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.53622	16.7	16.4	17.81105	17.89936	17.76083	2.13422	2.2	1.8	6.77537	0.0486	6.77389	2.2E+08
16.5691	16.7	16.5	17.82655	17.92707	17.73312	2.16444	2.3	2	6.85872	0.00779	6.85722	2.2E+08
16.49329	16.6	16.4	17.79865	17.89936	17.73312	2.35372	2.5	2.2	6.94207	0.02835	6.94083	2.2E+08
16.49329	16.6	16.4	17.79865	17.89936	17.73312	2.35372	2.5	2.2	7.02545	0.0346	7.02416	2.2E+08
16.58726	16.7	16.5	17.86535	17.98249	17.76083	2.39596	2.7	2.2	7.10882	0	7.1075	2.2E+08
16.58726	16.7	16.5	17.86535	17.98249	17.76083	2.39596	2.8	2.3	7.19219	0	7.19083	2.2E+08
16.49061	16.6	16.4	17.87992	17.95478	17.78853	2.5127	2.8	2.3	7.27556	0	7.27389	2.2E+08
16.43621	16.5	16.4	17.91554	18.0102	17.81624	2.73692	2.9	2.5	7.35891	0.02674	7.3575	2.2E+08
16.47987	16.5	16.4	17.96317	18.06561	17.81624	2.72956	2.9	2.5	7.44227	0	7.44083	2.2E+08
16.47987	16.5	16.4	17.96317	18.06561	17.81624	2.72956	2.9	2.5	7.52563	0	7.52389	2.2E+08
16.49328	16.7	16.4	18.05632	18.14873	17.89936	2.75977	2.9	2.5	7.60898	0.02676	7.60722	2.2E+08
16.47651	16.6	16.4	18.04793	18.14873	17.92707	2.81342	2.9	2.7	7.69234	0.01402	7.69083	2.2E+08
16.47651	16.6	16.4	18.04793	18.14873	17.92707	2.81342	2.9	2.7	7.7757	0	7.77389	2.2E+08
16.55704	16.7	16.5	18.02493	18.14873	17.89936	2.74633	2.9	2.5	7.85905	0.04107	7.85722	2.2E+08
16.56043	16.7	16.5	18.01674	18.12103	17.89936	2.76236	2.9	2.6	7.9424	0.01405	7.94055	2.2E+08
16.60071	16.7	16.5	17.9825	18.09332	17.84395	2.75972	2.9	2.6	8.02575	0.08313	8.02388	2.2E+08
16.5134	16.6	16.4	18.0091	18.14873	17.87166	2.89332	3	2.8	8.1091	0.01403	8.1075	2.2E+08
16.5134	16.6	16.4	18.0091	18.14873	17.87166	2.89332	3	2.8	8.19246	0.02053	8.19083	2.2E+08
16.59326	16.7	16.5	18.02243	18.12103	17.92707	2.8396	3	2.7	8.27595	0	8.27388	2.2E+08
16.59062	16.7	16.5	18.09659	18.14873	18.03791	2.88518	3.1	2.7	8.35938	0.03456	8.3575	2.2E+08
16.59062	16.7	16.5	18.09659	18.14873	18.03791	2.88518	3.1	2.7	8.44279	0.03454	8.44055	2.2E+08
16.32952	16.4	16.1	18.11497	18.20415	18.03791	3.2081	3.4	3	8.52621	0.06911	8.52416	2.2E+08
16.32952	16.4	16.1	18.11497	18.20415	18.03791	3.2081	3.4	3	8.60964	0.03457	8.60722	2.2E+08
16.46378	16.5	16.4	18.10094	18.20415	18.03791	2.98322	3.2	2.9	8.6931	0	8.69083	2.2E+08
16.43691	16.5	16.4	18.09045	18.14873	18.03791	2.99331	3.2	2.9	8.7765	0.02835	8.77416	2.2E+08
16.43691	16.5	16.4	18.09045	18.14873	18.03791	2.99331	3.2	2.9	8.85994	0.02054	8.85722	2.2E+08
16.44292	16.5	16.4	18.09268	18.14873	18.03791	2.97652	3.1	2.9	8.94338	0.05511	8.94055	2.2E+08
16.48993	16.5	16.4	18.105	18.20415	18.0102	2.91748	3	2.7	9.02682	0.03456	9.02388	2.2E+08
16.51341	16.6	16.4	18.1038	18.17644	18.03791	2.87653	3	2.7	9.11029	0	9.10722	2.2E+08
16.54961	16.7	16.5	18.10428	18.20415	18.0102	2.84702	2.9	2.6	9.19373	0	9.19083	2.2E+08
16.74628	16.8	16.6	18.05016	18.14873	17.92707	2.68725	2.8	2.6	9.27721	0	9.27416	2.2E+08
16.74628	16.8	16.6	18.05016	18.14873	17.92707	2.68725	2.8	2.6	9.36066	0.02052	9.35722	2.2E+08
16.8724	17.1	16.7	18.046	18.14873	17.92707	2.6839	2.8	2.4	9.44411	0	9.44083	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
16.8724	17.1	16.7	18.046	18.14873	17.92707	2.6839	2.8	2.4	9.52754	0.01414	9.52388	2.2E+08
17.11271	17.2	17	18.02725	18.12103	17.92707	2.494	2.7	2.3	9.61099	0	9.60722	2.2E+08
16.80001	17.1	16.7	18.03268	18.12103	17.89936	2.95295	3.1	2.6	9.69441	0.05509	9.69083	2.2E+08
16.80001	17.1	16.7	18.03268	18.12103	17.89936	2.95295	3.1	2.6	9.77783	0.01403	9.77388	2.2E+08
16.70335	16.8	16.6	18.05397	18.14873	17.92707	3.08993	3.2	2.9	9.86128	0.06918	9.8575	2.2E+08
16.70335	16.8	16.6	18.05397	18.14873	17.92707	3.08993	3.2	2.9	9.94471	0.01897	9.94055	2.2E+08
16.653	16.7	16.5	18.06714	18.14873	17.92707	3.12347	3.3	2.9	10.02814	0.014	10.02416	2.2E+08
16.62353	16.7	16.5	18.039	18.12103	17.92707	3.12276	3.3	2.9	10.11156	0.07071	10.10722	2.2E+08
16.61676	16.7	16.5	18.0567	18.14873	17.95478	3.10075	3.3	2.9	10.195	0.02807	10.19055	2.2E+08
16.70337	16.8	16.6	18.06141	18.14873	17.95478	2.90666	3.2	2.8	10.27846	0	10.27416	2.2E+08
16.70337	16.8	16.6	18.06141	18.14873	17.95478	2.90666	3.2	2.8	10.36189	0.02051	10.35722	2.2E+08
16.70596	16.8	16.6	18.08403	18.17644	17.95478	2.88059	3	2.7	10.44535	0.02052	10.44055	2.2E+08
16.7739	16.8	16.7	18.07628	18.14873	17.95478	2.82943	3.1	2.6	10.52883	0.04103	10.52388	2.2E+08
16.83013	17	16.7	18.08268	18.14873	17.95478	2.76648	2.8	2.6	10.61226	0.03464	10.60722	2.2E+08
16.99521	17.2	16.8	18.07852	18.14873	17.98249	2.65179	2.8	2.5	10.69573	0	10.69083	2.2E+08
17.11006	17.2	17	18.08152	18.17644	18.0102	2.61611	2.8	2.5	10.77919	0.02681	10.77388	2.2E+08
16.97797	17.1	16.8	18.07826	18.14873	17.98249	2.8321	3.1	2.7	10.86261	0.10381	10.8575	2.2E+08
16.85561	17	16.7	18.083	18.14873	17.95478	3.00149	3.1	2.8	10.94603	0.02819	10.94083	2.2E+08
16.85561	17	16.7	18.083	18.14873	17.95478	3.00149	3.1	2.8	11.02946	0	11.02388	2.2E+08
16.83018	17.1	16.8	18.09591	18.14873	18.0102	3.06986	3.19999	2.7	11.11288	0.03456	11.10722	2.2E+08
16.78992	16.8	16.7	18.04803	18.14873	17.92707	3.19998	3.3	3.1	11.19631	0	11.19083	2.2E+08
16.78992	16.8	16.7	18.04803	18.14873	17.92707	3.19998	3.3	3.1	11.27974	0.02681	11.27388	2.2E+08
16.86713	17	16.8	18.0433	18.14873	17.95478	3.12615	3.19999	2.9	11.36316	0.02052	11.35722	2.2E+08
16.84701	17.1	16.7	18.06645	18.14873	17.98249	3.14291	3.3	2.9	11.44659	0.03457	11.44055	2.2E+08
16.78659	17	16.7	18.12523	18.23186	18.06561	3.18318	3.3	3	11.53004	0.05018	11.52416	2.2E+08
16.78659	17	16.7	18.12523	18.23186	18.06561	3.18318	3.3	3	11.61348	0.07699	11.60722	2.2E+08
16.81342	17	16.8	18.11622	18.17644	18.06561	3.15299	3.19999	3	11.69693	0.06918	11.69055	2.2E+08
16.78323	16.8	16.7	18.11427	18.17644	18.03791	3.16977	3.3	3.1	11.78035	0	11.77416	2.2E+08
16.78323	16.8	16.7	18.11427	18.17644	18.03791	3.16977	3.3	3.1	11.86378	0.0346	11.85722	2.2E+08
16.79328	16.8	16.7	18.09633	18.17644	17.98249	3.13692	3.3	3	11.94721	0.11022	11.94055	2.2E+08
16.80522	17	16.7	18.0985	18.14873	18.0102	3.15522	3.2	2.9	12.03067	0.04245	12.02388	2.2E+08
17.09999	17.2	17	18.08097	18.14873	18.0102	2.83954	3	2.7	12.1141	0	12.1075	2.2E+08
17.09999	17.2	17	18.08097	18.14873	18.0102	2.83954	2.9	2.7	12.19757	0	12.19055	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.09665	17.2	17	18.10311	18.17644	18.03791	2.81011	2.9	2.7	12.281	0	12.27388	2.2E+08
17.06865	17.1	16.8	18.10456	18.14873	18.0102	2.85152	3.1	2.7	12.36442	0.02681	12.35722	2.2E+08
16.8067	17	16.8	18.11489	18.17644	18.03791	3.17315	3.19999	3	12.44785	0.03458	12.44083	2.2E+08
16.8067	17	16.8	18.11489	18.17644	18.03791	3.17315	3.19999	3	12.53126	0.00475	12.52388	2.2E+08
16.84366	17.1	16.8	18.10789	18.14873	18.03791	3.15969	3.3	2.8	12.61468	0.03456	12.6075	2.2E+08
16.81343	17	16.8	18.10226	18.17644	18.03791	3.1765	3.3	3	12.6981	0.03458	12.69083	2.2E+08
16.81343	17	16.8	18.10226	18.17644	18.03791	3.1765	3.3	3	12.78154	0.04883	12.77388	2.2E+08
16.82015	17	16.8	18.08857	18.14873	18.0102	3.14107	3.19999	2.9	12.86499	0	12.85722	2.2E+08
16.85369	17.1	16.8	18.06395	18.12103	17.95478	3.07989	3.19999	2.8	12.94843	0.04236	12.94083	2.2E+08
16.85369	17.1	16.8	18.06395	18.12103	17.95478	3.07989	3.19999	2.9	13.03186	0.11016	13.02416	2.2E+08
16.82013	17	16.8	18.05266	18.14873	17.92707	3.13283	3.19999	2.9	13.11526	0	13.10722	2.2E+08
16.80334	17	16.7	18.00726	18.12103	17.89936	3.13959	3.2	2.9	13.19869	0	13.19083	2.2E+08
16.80334	17	16.7	18.00726	18.12103	17.89936	3.13959	3.2	2.9	13.28214	0.0141	13.27388	2.2E+08
17.11008	17.2	16.8	17.9802	18.12103	17.87166	2.83951	3.1	2.7	13.36557	0.01411	13.3575	2.2E+08
17.11008	17.2	16.8	17.9802	18.12103	17.87166	2.83951	3.1	2.7	13.44901	0.0205	13.44055	2.2E+08
17.1067	17.2	17	17.94124	18.06561	17.81624	2.89928	3	2.8	13.53246	0.03458	13.52416	2.2E+08
17.1067	17.2	17	17.94124	18.06561	17.81624	2.89928	3	2.8	13.61588	0.0205	13.60722	2.2E+08
17.08992	17.2	16.8	17.91597	18.0102	17.78853	2.99662	3.3	2.8	13.6993	0.0346	13.69083	2.2E+08
17.08992	17.2	16.8	17.91597	18.0102	17.78853	2.99662	3.3	2.8	13.78272	0.03461	13.77388	2.2E+08
17.2757	17.4	17.1	17.85418	17.95478	17.76083	2.89739	3.2	2.7	13.86615	0.04244	13.8575	2.2E+08
17.58474	17.8	17.4	17.79509	17.95478	17.6777	2.80777	3.1	2.5	13.94957	0.03462	13.94083	2.2E+08
17.58474	17.8	17.4	17.79509	17.95478	17.6777	2.80777	3.1	2.5	14.03299	0.03464	14.02388	2.2E+08
17.47487	17.7	17.3	17.69563	17.84395	17.62229	3.19901	3.4	2.9	14.11643	0.03464	14.1075	2.2E+08
17.47487	17.7	17.3	17.69563	17.84395	17.62229	3.19901	3.4	2.9	14.19987	0.02685	14.19055	2.2E+08
17.60929	17.7	17.4	17.68992	17.78853	17.56687	3.11681	3.4	2.9	14.2833	0	14.27388	2.2E+08
17.7	17.7	17.7	17.68772	17.81624	17.59458	3.09997	3.3	3	14.36673	0.06931	14.3575	2.2E+08
17.75972	17.9	17.7	17.69591	17.81624	17.62229	3.30076	3.4	3.1	14.45017	0.03465	14.44083	2.2E+08
17.75972	17.9	17.7	17.69591	17.81624	17.62229	3.30076	3.4	3.1	14.53362	0.02045	14.52388	2.2E+08
18.10596	18.2	17.9	17.6394	17.73312	17.48375	3.00413	3.4	2.9	14.61706	0	14.6075	2.2E+08
18.10596	18.2	17.9	17.6394	17.73312	17.48375	3.00413	3.4	2.9	14.70052	0.05515	14.69055	2.2E+08
18.29839	18.5	18.2	17.60637	17.6777	17.48375	2.85376	3	2.7	14.78393	0.06167	14.77388	2.2E+08
18.40414	18.5	18.3	17.59797	17.6777	17.48375	2.84212	3	2.6	14.86734	0.03473	14.85722	2.2E+08
18.19246	18.4	18	17.63045	17.70541	17.51145	3.28811	3.6	3	14.95078	0.03472	14.94083	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.19246	18.4	18	17.63045	17.70541	17.51145	3.28811	3.6	3	15.03421	0.01433	15.02388	2.2E+08
18.43952	18.5	18.3	17.61699	17.6777	17.45604	3.27726	3.4	3.2	15.11766	0	15.1075	2.2E+08
18.43952	18.5	18.3	17.61699	17.6777	17.45604	3.27726	3.4	3.2	15.2011	0.01442	15.19055	2.2E+08
18.83132	19.1	18.5	17.57759	17.6777	17.42833	3.06786	3.4	2.9	15.28451	0.04852	15.27416	2.2E+08
18.83132	19.1	18.5	17.57759	17.6777	17.42833	3.06786	3.4	2.9	15.36793	0.02037	15.35722	2.2E+08
18.8158	19.1	18.4	17.64643	17.73312	17.56687	3.50019	3.9	3.2	15.45136	0.01432	15.44083	2.2E+08
18.8158	19.1	18.4	17.64643	17.73312	17.56687	3.50019	3.9	3.2	15.53481	0.05517	15.52388	2.2E+08
18.57494	18.9	18.4	17.65285	17.70541	17.56687	3.80153	3.9	3.5	15.61823	0.02638	15.60722	2.2E+08
18.84269	19	18.5	17.64816	17.73312	17.56687	3.57668	3.9	3.4	15.70168	0.02038	15.69083	2.2E+08
18.8555	19.1	18.6	17.66355	17.73312	17.59458	3.62686	3.9	3.4	15.78514	0.04926	15.77388	2.2E+08
19.09487	19.4	18.9	17.64921	17.73312	17.56687	3.47662	3.9	3.1	15.86858	0.00598	15.85722	2.2E+08
18.85912	19.4	18.4	17.66361	17.70541	17.59458	3.81994	4.3	3.4	15.95205	0.03485	15.94083	2.2E+08
18.85912	19.4	18.4	17.66361	17.70541	17.59458	3.81994	4.3	3.4	16.03547	0.02031	16.02389	2.2E+08
19.46974	19.8	19.2	17.63123	17.70541	17.53916	3.31682	3.6	3.1	16.11891	0	16.10722	2.2E+08
19.10262	19.4	18.8	17.72886	17.84395	17.59458	3.76378	4.1	3.4	16.20234	0.03499	16.19055	2.2E+08
19.77827	20.4	19.4	17.64885	17.84395	17.34521	3.15789	3.6	2.6	16.28576	0.01355	16.27389	2.2E+08
20.10487	20.7	19.5	17.64305	17.84395	17.37291	2.9625	4	3	16.3692	0	16.3575	2.2E+08
19.73617	20.1	19.4	17.81373	17.89936	17.73312	3.5664	4	3	16.45245	0.07893	16.44055	2.2E+08
20.09567	20.4	19.8	17.83147	17.98249	17.76083	3.29089	3.6	3	16.53565	0.06983	16.52389	2.2E+08
20.15358	20.7	19.7	17.84916	17.95478	17.76083	3.31873	3.9	2.7	16.61886	0.01471	16.60722	2.2E+08
20.70929	20.8	20.4	17.80195	17.89936	17.70541	2.97983	3.3	2.8	16.70206	0.0553	16.69083	2.2E+08
20.70929	20.8	20.4	17.80195	17.89936	17.70541	2.97983	3.3	2.8	16.78526	0.00926	16.77389	2.2E+08
20.42207	20.9	19.8	17.93878	18.14873	17.78853	3.40658	4.19999	2.8	16.86847	0.03509	16.85722	2.2E+08
20.90692	21.3	20.4	17.87042	17.98249	17.78853	3.10236	3.6	2.8	16.95167	0.03158	16.94055	2.2E+08
19.88413	20.2	19.6	18.14649	18.23186	18.06561	4.30317	4.7	3.9	17.03488	0.03496	17.02416	2.2E+08
19.88413	20.2	19.6	18.14649	18.23186	18.06561	4.30317	4.7	3.9	17.11808	0	17.10722	2.2E+08
20.35453	20.8	20	18.04334	18.20415	17.92707	3.67905	4.1	3.19999	17.20128	0.03497	17.19083	2.2E+08
20.35453	20.8	20	18.04334	18.20415	17.92707	3.67905	4.1	3.19999	17.28449	0.00549	17.27389	2.2E+08
20.45804	20.8	20.1	18.10087	18.20415	17.98249	3.52436	3.9	3.1	17.36769	0.04049	17.3575	2.2E+08
20.45804	20.8	20.1	18.10087	18.20415	17.98249	3.52436	3.9	3.1	17.4509	0.0373	17.44055	2.2E+08
20.71686	21.2	20.1	18.14383	18.23186	18.0102	3.39497	4	2.9	17.53411	0	17.52416	2.2E+08
20.71686	21.2	20.1	18.14383	18.23186	18.0102	3.39497	4	2.9	17.61731	0	17.60722	2.2E+08
20.49575	20.9	20.2	18.20728	18.31499	18.12103	3.77398	4.1	3.3	17.70052	0.02023	17.69055	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
20.67825	21	20.1	18.17862	18.25957	18.09332	3.5427	4.2	3.1	17.78373	0.03513	17.77389	2.2E+08
21.02189	21.4	20.7	18.14897	18.23186	18.03791	3.14787	3.6	2.7	17.86693	0.01592	17.85722	2.2E+08
20.81458	21.5	20.4	18.34761	18.48124	18.17644	3.54011	4	2.9	17.95014	0.028	17.94083	2.2E+08
20.81458	21.5	20.4	18.34761	18.48124	18.17644	3.54011	4	2.9	18.03334	0.02278	18.02389	2.2E+08
21.38331	22	20.8	18.50952	18.7306	18.34269	3.47296	4.1	2.8	18.11655	0.04041	18.1075	2.2E+08
21.38331	22	20.8	18.50952	18.7306	18.34269	3.47296	4.1	2.8	18.19975	0.02262	18.19055	2.2E+08
21.11591	21.6	20.4	18.61347	18.75832	18.48124	3.87738	4.6	3.4	18.28296	0	18.27416	2.2E+08
21.05066	21.5	20.6	18.64282	18.78602	18.50894	3.97382	4.6	3.5	18.36616	0.04027	18.35722	2.2E+08
21.86723	22.4	21.4	18.61083	18.67519	18.48124	3.27818	4	2.9	18.44936	0.0985	18.44055	2.2E+08
22.02024	22.5	21.4	18.74062	18.92456	18.59206	3.37219	4	2.9	18.53257	0.03245	18.52389	2.2E+08
22.28908	22.7	21.8	18.81005	18.97998	18.59206	3.32531	3.8	2.8	18.61577	0.0251	18.6075	2.2E+08
22.41845	22.7	22	18.91872	19.00769	18.75832	3.52107	4	3.1	18.69897	0.03535	18.69055	2.2E+08
22.39755	22.8	22	18.94948	19.00769	18.84144	3.68565	4.1	3.4	18.78217	0.02012	18.77389	2.2E+08
22.64364	22.8	22.5	19.01307	19.11852	18.89685	3.65894	4.1	3.3	18.86538	0.0305	18.8575	2.2E+08
22.81013	23.2	22.5	18.99204	19.0631	18.92456	3.67561	4.1	3.3	18.94858	0.02008	18.94055	2.2E+08
23.0218	23.3	22.7	19.05408	19.17393	18.92456	3.63114	4	3.3	19.03179	0.04027	19.02416	2.2E+08
22.90581	23.3	22.2	19.11819	19.34018	18.95227	3.98327	4.8	3.4	19.11499	0	19.10722	2.2E+08
22.84391	23.2	22.4	19.23175	19.31247	19.11852	4.15606	4.6	3.69999	19.19819	0.00484	19.19055	2.2E+08
22.95114	23.2	22.8	19.24098	19.34018	19.0908	4.16229	4.4	3.9	19.28139	0	19.27416	2.2E+08
22.95114	23.2	22.8	19.24098	19.34018	19.0908	4.16229	4.4	3.9	19.3646	0.02471	19.35722	2.2E+08
23.30677	23.7	22.8	19.24544	19.36789	19.14622	3.88237	4.4	3.4	19.4478	0.04012	19.44055	2.2E+08
23.52438	23.8	23.1	19.32004	19.47872	19.25706	3.81176	4	2.8	19.531	0	19.52416	2.2E+08
24.08426	24.8	23.6	19.32799	19.47872	19.17393	3.43847	4	2.8	19.61421	0.0123	19.60722	2.2E+08
24.47734	24.8	24	19.32117	19.47872	19.17393	3.25206	3.9	2.8	19.69741	0.00899	19.69055	2.2E+08
23.90411	24.3	23.6	19.34489	19.45101	19.22935	3.85639	4.1	3.4	19.78062	0.0555	19.77416	2.2E+08
23.90411	24.3	23.6	19.34489	19.45101	19.22935	3.85639	4.1	3.4	19.86382	0.01546	19.85722	2.2E+08
23.68076	24	23.3	19.33538	19.47872	19.14622	3.88054	4.4	3.4	19.94703	0.03556	19.94055	2.2E+08
24.33268	24.6	24	19.20571	19.31247	19.0908	3.13118	3.6	2.8	20.03024	0.00781	20.02416	2.2E+08
24.33268	24.6	24	19.20571	19.31247	19.0908	3.13118	3.6	2.8	20.11344	0.03075	20.10722	2.2E+08
23.70254	24.3	23.4	19.2937	19.3956	19.17393	3.76466	4.2	3.1	20.19664	0.01542	20.19055	2.2E+08
23.62527	23.8	23.4	19.19233	19.3956	19.0631	3.70837	4	3.5	20.27985	0.05549	20.27389	2.2E+08
22.9655	23.3	22.8	19.1864	19.28477	19.0908	4.13532	4.3	3.8	20.36305	0.03536	20.3575	2.2E+08
22.9655	23.3	22.8	19.1864	19.28477	19.0908	4.13532	4.3	3.8	20.44625	0.03035	20.44055	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
21.97308	22.1	21.8	19.18681	19.28477	19.0908	4.71427	5	4.6	20.52946	0.00782	20.52416	2.2E+08
21.97308	22.1	21.8	19.18681	19.28477	19.0908	4.71427	5	4.6	20.61266	0.00782	20.60722	2.2E+08
21.62855	21.8	21.5	19.23928	19.34018	19.11852	4.91263	5	4.3	20.69587	0.07049	20.69083	2.2E+08
21.63863	21.8	21.5	19.08526	19.17393	18.97998	4.75131	5	4.3	20.77907	0.05542	20.77389	2.2E+08
21.82183	22	21.5	19.09928	19.20164	19.00769	4.37823	4.8	4.1	20.86227	0.02531	20.8575	2.2E+08
21.82183	22	21.5	19.09928	19.20164	19.00769	4.37823	4.8	4.1	20.94548	0.07042	20.94055	2.2E+08
21.53105	21.8	21.3	19.16378	19.28477	19.0631	4.58574	4.7	4.4	21.02868	0	21.02416	2.2E+08
21.66024	22	21.4	19.12548	19.25706	19.00769	4.33976	4.7	3.9	21.11188	0.02743	21.1075	2.2E+08
22.15717	22.4	22.1	19.07111	19.14622	18.97998	3.89913	4.1	3.6	21.19509	0.02014	21.19083	2.2E+08
22.15717	22.4	22.1	19.07111	19.14622	18.97998	3.89913	4.1	3.6	21.27829	0.03528	21.27389	2.2E+08
22.08655	22.2	21.9	19.13827	19.28477	19.00769	3.9706	4.1	3.8	21.3615	0.0353	21.3575	2.2E+08
22.08655	22.2	21.9	19.13827	19.28477	19.00769	3.9706	4.1	3.8	21.4447	0.02017	21.44055	2.2E+08
21.80925	22.1	21.5	19.00572	19.0631	18.95227	4.04283	4.3	3.8	21.5279	0	21.52416	2.2E+08
21.80925	22.1	21.5	19.00572	19.0631	18.95227	4.04283	4.3	3.8	21.6111	0.0202	21.60722	2.2E+08
21.69239	22	21.4	19.00625	19.0908	18.95227	3.93112	4.3	3.6	21.69431	0.0202	21.69055	2.2E+08
21.37984	21.4	21.3	18.96987	19.03539	18.86914	4.04116	4.19999	3.9	21.77751	0.03517	21.77389	2.2E+08
21.28733	21.5	21	18.91539	19.03539	18.78602	3.99914	4.3	3.8	21.86072	0	21.85722	2.2E+08
21.20676	21.4	20.9	18.88067	19.03539	18.7306	3.78396	4.2	3.5	21.94392	0.04985	21.94055	2.2E+08
20.16383	20.3	20	18.67199	18.84144	18.53665	4.26719	4.6	4.1	22.02712	0.03503	22.02416	2.2E+08
20.16383	20.3	20	18.67199	18.84144	18.53665	4.26719	4.4	3.7	22.11032	0.06089	22.1075	2.2E+08
19.89742	20.1	19.7	18.54668	18.64748	18.45352	4.14211	4.4	3.7	22.19353	0.03501	22.19055	2.2E+08
19.92777	20.2	19.7	18.43865	18.53665	18.34269	3.6941	4	3.4	22.27673	0.06999	22.27389	2.2E+08
19.72019	19.8	19.6	18.3113	18.45352	18.20415	3.52443	3.8	3.3	22.35993	0.04069	22.35722	2.2E+08
19.32527	19.4	19.1	18.1885	18.34269	18.03791	3.30667	3.6	3	22.44314	0.04068	22.44083	2.2E+08
19.32527	19.4	19.1	18.1885	18.34269	18.03791	3.30667	3.6	3	22.52634	0.0349	22.52389	2.2E+08
18.99499	19.2	18.6	18.26315	18.39811	18.17644	3.23359	3.4	3.1	22.60955	0	22.6075	2.2E+08
18.99499	19.2	18.6	18.26315	18.39811	18.17644	3.23359	3.4	3.1	22.69275	0.0059	22.69055	2.2E+08
18.68826	18.8	18.5	18.30753	18.3704	18.20415	3.10252	3.4	3	22.77595	0.0059	22.77416	2.2E+08
18.68826	18.8	18.5	18.30753	18.3704	18.20415	3.10252	3.4	3	22.85916	0.03486	22.85722	2.2E+08
18.42688	18.5	18.3	18.33039	18.39811	18.25957	3.08739	3.3	2.9	22.94236	0.06971	22.94083	2.2E+08
18.42688	18.5	18.3	18.33039	18.39811	18.25957	3.08739	3.3	2.9	23.02556	0	23.02389	2.2E+08
18.34034	18.5	18.2	18.3334	18.45352	18.25957	3.01006	3.1	2.9	23.10877	0.01441	23.1075	2.2E+08
18.25376	18.4	18.2	18.35076	18.42582	18.25957	2.97564	3.1	2.8	23.19197	0.06963	23.19055	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
18.17647	18.3	18	18.38335	18.48124	18.28728	2.84372	3.1	2.6	23.27517	0.03482	23.27416	2.2E+08
18.17647	18.3	18	18.38335	18.48124	18.28728	2.84372	3.1	2.6	23.35838	0.02873	23.35722	2.2E+08
18.06552	18.2	18	18.39537	18.48124	18.28728	2.82356	3	2.5	23.44158	0.05524	23.44055	2.2E+08
17.83023	18	17.8	18.43021	18.53665	18.31499	2.80754	2.9	2.69999	23.52479	0.03479	23.52416	2.2E+08
17.83023	18	17.8	18.43021	18.53665	18.31499	2.80754	2.9	2.69999	23.60799	0.03479	23.6075	2.2E+08
17.88068	18	17.8	18.41438	18.50894	18.28728	2.59576	2.69999	2.4	23.69119	0	23.69083	2.2E+08
17.80921	17.9	17.8	18.46812	18.56436	18.3704	2.58745	2.69999	2.4	23.77439	0.00651	23.77416	2.2E+08
17.80921	17.9	17.8	18.46812	18.56436	18.3704	2.58745	2.69999	2.4	23.8576	0.05524	23.85722	2.2E+08
18.01006	18.2	17.9	18.44905	18.50894	18.39811	2.12355	2.4	1.9	23.9408	0.04086	23.94083	2.2E+08
18.01006	18.2	17.9	18.44905	18.50894	18.39811	2.12355	2.4	1.9	24.00159	0	24.00055	2.2E+08
18.0127	18.2	18	12.68548	18.53665	0	2.0369	2.1	1.8	24.00159	0	24.00055	2.2E+08
18.07222	18.2	18	0	0	0	1.96476	2.1	1.8	24.00159	0	24.00055	2.2E+08
18.19997	18.3	18	0	0	0	1.85719	2.1	1.69999	24.00159	0	24.00055	2.2E+08
18.24285	18.4	18.2	0	0	0	1.80669	1.9	1.69999	24.00159	0	24.00055	2.2E+08
18.03024	18.2	17.9	0	0	0	2.00586	2.1	1.8	24.00159	0	24.00055	2.2E+08
18.03024	18.2	17.9	0	0	0	2.00586	2.1	1.8	24.00159	0	24.00055	2.2E+08
17.96053	18	17.8	0	0	0	2.04956	2.3	2	24.00159	0	24.00055	2.2E+08

Site ID	Unit S/N
10105010	83
10105010	83
10105010	83
20103010	83
20103010	83
20103010	83
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Project Name TE-Wilbur screen program V3.5 4.91
File Type Data Log Data

Channel No. 1
Source D 12000
Sampling Method Event Bit
Device M 972
SARTI5 PM10

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 10:45:53	0	0	0	750.261	750.3	750.2	23.74452	23.99999	23.59999
10/11/2016 10:50:53	0	0	0	759.3768	762.1	750.4	18.97377	23.49999	18.69999
10/11/2016 10:55:53	0	0	0	762.2892	762.4	762.1	19.10805	19.3	18.9
10/11/2016 11:00:53	0	0	0	762.5292	762.6	762.5	19.2067	19.3	18.9
10/11/2016 11:05:53	0	0	0	762.5292	762.6	762.5	19.2067	19.3	18.9
10/11/2016 11:10:53	0	0	0	762.6332	762.7	762.6	19.21677	19.3	19.09999
10/11/2016 11:15:53	0	0	0	762.7463	762.8	762.7	19.23353	19.3	19.09999
10/11/2016 11:20:53	0	0	0	762.8	762.8	762.8	19.24967	19.3	19.19999
10/11/2016 11:25:53	0	0	0	762.8071	762.9	762.8	19.27986	19.3	19.19999
10/11/2016 11:30:53	0	0	0	762.8	762.8	762.8	19.28657	19.3	19.19999
10/11/2016 11:35:53	0	0	0	762.866	762.9	762.8	19.52629	19.8	19.3
10/11/2016 11:40:53	0	0	0	762.9273	763	762.9	19.87408	19.99999	19.8
10/11/2016 11:45:53	0	0	0	762.994	763	762.9	20.1391	20.3	19.9
10/11/2016 11:50:53	0	0	0	763.0818	763.1	763	20.36734	20.49999	20.3
10/11/2016 11:55:53	0	0	0	763.1	763.1	763.1	20.45388	20.49999	20.4
10/11/2016 12:00:53	0	0	0	763.098	763.1	763	20.57419	21.4	20.4
10/11/2016 12:05:53	6.63897	18.34115	0	763.007	763.1	763	21.42052	21.7	21.4
10/11/2016 12:10:53	0	0	0	763	763	763	21.47102	21.7	21.4
10/11/2016 15:13:50	0	0	0	761.0582	763	760	23.99757	24.3	21.4
10/12/2016 16:04:20	0	0	0	761.0582	763	760	23.99757	24.3	21.4
10/12/2016 16:09:20	0	0	0	760.3265	760.9	759.8	23.65371	23.8	23.5
10/12/2016 16:14:20	0	0	0	760.751	760.9	760.5	23.4161	23.7	23.2
10/12/2016 16:19:19	0	0	0	760.8997	761.1	760.8	23.19261	23.3	23.1
10/12/2016 16:24:19	0	0	0	761.047	761.4	760.9	23.1396	23.2	23
10/12/2016 16:29:20	0	0	0	761.1638	761.2	761.1	22.95974	23.1	22.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 16:34:20	0	0	0	761.192	761.2	761.1	22.93289	23	22.9
10/12/2016 16:39:20	0	0	0	761.192	761.2	761.1	22.93289	23	22.9
10/12/2016 16:44:19	0	0	0	761.2091	761.3	761.2	22.88255	23	22.7
10/12/2016 16:49:20	0	0	0	761.2465	761.5	761.2	22.78552	22.9	22.7
10/12/2016 16:54:19	0	0	0	761.2596	761.3	761.2	22.68653	22.7	22.6
10/12/2016 16:59:19	0	0	0	761.2656	761.5	761.2	22.61245	22.7	22.5
10/12/2016 17:04:20	0	0	0	761.1707	761.3	761.1	22.47878	22.6	22.4
10/12/2016 17:09:20	0	0	0	761.0808	761.2	761	22.33602	22.4	22.1
10/12/2016 17:14:19	0	0	0	761	761	761	22.08448	22.3	22
10/12/2016 17:19:19	0	0	0	761.0524	761.1	761	21.97654	22.1	21.9
10/12/2016 17:24:19	14.0149	16.69563	0	761.1099	761.2	761.1	21.76439	22	21.5
10/12/2016 17:29:20	16.67756	16.69976	16.65494	761.1808	761.2	761.1	21.43735	21.7	21.3
10/12/2016 17:34:19	16.67497	16.69241	16.65714	761.1384	761.2	761.1	21.26967	21.4	21.1
10/12/2016 17:39:20	16.67677	16.68769	16.65494	761.2	761.2	761.2	20.93361	21.1	20.8
10/12/2016 17:44:19	16.67677	16.68769	16.65494	761.2	761.2	761.2	20.93361	21.1	20.8
10/12/2016 17:49:20	16.67478	16.69535	16.65434	761.3	761.3	761.3	20.75286	20.9	20.7
10/12/2016 17:54:20	16.67427	16.69535	16.66199	761.3667	761.4	761.3	20.71918	20.8	20.7
10/12/2016 17:59:20	16.67548	16.68826	16.6514	761.402	761.5	761.4	20.70001	20.8	20.6
10/12/2016 18:04:19	16.67548	16.68826	16.6514	761.402	761.5	761.4	20.70001	20.8	20.6
10/12/2016 18:09:20	16.67481	16.68681	16.65902	761.4899	761.5	761.4	20.52575	20.6	20.3
10/12/2016 18:14:19	16.67481	16.68681	16.65902	761.4899	761.5	761.4	20.52575	20.6	20.3
10/12/2016 18:19:19	16.67371	16.69307	16.65975	761.4222	761.5	761.4	20.28982	20.5	20.2
10/12/2016 18:24:19	16.67542	16.69087	16.65401	761.5585	761.6	761.5	20.11236	20.2	20
10/12/2016 18:29:20	16.67608	16.68929	16.65991	761.5898	761.6	761.5	19.86193	20.1	19.7
10/12/2016 18:34:19	16.67715	16.68929	16.65586	761.5969	761.6	761.5	19.62246	19.7	19.5
10/12/2016 18:39:20	16.67742	16.69505	16.65771	761.606	761.7	761.6	19.40908	19.5	19.3
10/12/2016 18:44:19	16.67327	16.69908	16.65244	761.604	761.7	761.6	19.16758	19.4	19
10/12/2016 18:49:20	16.67475	16.69201	16.66222	761.5333	761.6	761.5	18.82019	19	18.8
10/12/2016 18:54:19	16.67475	16.69201	16.66222	761.5333	761.6	761.5	18.82019	19	18.8
10/12/2016 18:59:19	16.67244	16.69201	16.66047	761.5576	761.6	761.5	18.66527	18.8	18.4
10/12/2016 19:04:20	16.67303	16.69601	16.64939	761.5323	761.6	761.5	18.4844	18.7	18.4
10/12/2016 19:09:19	16.67577	16.70399	16.65159	761.4302	761.5	761.4	18.31917	18.4	18.2
10/12/2016 19:14:20	16.67647	16.70799	16.65159	761.4	761.4	761.4	18.21909	18.3	18.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 19:19:20	16.67605	16.69822	16.65159	761.4	761.4	761.4	17.94507	18.1	17.9
10/12/2016 19:24:20	16.67605	16.69822	16.65159	761.4	761.4	761.4	17.94507	18.1	17.9
10/12/2016 19:29:20	16.674	16.69822	16.66135	761.406	761.5	761.4	17.72354	17.9	17.6
10/12/2016 19:34:19	16.674	16.69822	16.66135	761.406	761.5	761.4	17.72354	17.9	17.6
10/12/2016 19:39:20	16.67288	16.69244	16.65159	761.4	761.4	761.4	17.61346	17.7	17.6
10/12/2016 19:44:19	16.67288	16.69244	16.65159	761.4	761.4	761.4	17.61346	17.7	17.6
10/12/2016 19:49:19	16.67623	16.69822	16.65915	761.4576	761.5	761.4	17.60336	17.7	17.5
10/12/2016 19:54:20	16.67603	16.69601	16.64939	761.4909	761.5	761.4	17.52568	17.6	17.3
10/12/2016 19:59:20	16.6763	16.70578	16.64939	761.5	761.5	761.5	17.3843	17.6	17.3
10/12/2016 20:04:20	16.67712	16.70578	16.64362	761.5161	761.6	761.5	17.31478	17.6	17.2
10/12/2016 20:09:20	16.67456	16.6956	16.65256	761.7385	761.8	761.6	17.24618	17.3	17.1
10/12/2016 20:14:19	16.67456	16.6956	16.65256	761.7385	761.8	761.6	17.24618	17.3	17.1
10/12/2016 20:19:20	16.67541	16.69917	16.66012	761.8738	762	761.8	17.20571	17.3	17.1
10/12/2016 20:24:20	16.67603	16.6993	16.64914	762.4294	762.5	762.3	17.17969	17.3	17.1
10/12/2016 20:29:20	16.676	16.70329	16.65669	762.4686	762.5	762.4	17.18084	17.3	17.1
10/12/2016 20:34:19	16.676	16.70329	16.65669	762.4686	762.5	762.4	17.18084	17.3	17.1
10/12/2016 20:39:20	16.67298	16.69035	16.64557	762.3151	762.4	762.3	17.18643	17.3	17.1
10/12/2016 20:44:20	16.67573	16.69971	16.64338	762.398	762.4	762.3	17.16737	17.3	17.1
10/12/2016 20:49:19	16.67653	16.69572	16.64914	762.3737	762.4	762.3	17.15953	17.3	17.1
10/12/2016 20:54:20	16.67615	16.69476	16.66109	762.1414	762.3	762.1	17.12689	17.2	17.1
10/12/2016 20:59:19	16.67615	16.69476	16.66109	762.1414	762.3	762.1	17.12689	17.2	17.1
10/12/2016 21:04:19	16.67548	16.69655	16.65752	762.1788	762.3	762.1	17.10001	17.2	17
10/12/2016 21:09:19	16.67498	16.69255	16.65572	762.2031	762.3	762.2	17.07307	17.1	17
10/12/2016 21:14:20	16.67738	16.69872	16.66369	762.1071	762.2	762	17.03949	17.1	17
10/12/2016 21:19:19	16.67738	16.69872	16.66369	762.1071	762.2	762	17.03949	17.1	17
10/12/2016 21:24:20	16.67559	16.70671	16.65036	762	762	762	17.01006	17.1	16.9
10/12/2016 21:29:19	16.67559	16.70671	16.65036	762	762	762	17.01006	17.1	16.9
10/12/2016 21:34:19	16.67406	16.70093	16.65036	762.0173	762.1	762	16.95967	17.1	16.7
10/12/2016 21:39:19	16.6743	16.69432	16.65532	762.2324	762.3	762.1	16.90251	17.1	16.7
10/12/2016 21:44:20	16.67503	16.69432	16.65174	762.2494	762.4	762.2	16.88231	17	16.7
10/12/2016 21:49:19	16.67503	16.69432	16.65174	762.2494	762.4	762.2	16.88231	17	16.7
10/12/2016 21:54:20	16.676	16.7023	16.65572	762.173	762.3	762.1	16.80507	17	16.7
10/12/2016 21:59:19	16.676	16.7023	16.65572	762.173	762.3	762.1	16.80507	17	16.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 22:04:19	16.6732	16.69212	16.65312	762.4567	762.6	762.3	16.80149	17	16.7
10/12/2016 22:09:20	16.67367	16.69784	16.64913	762.496	762.5	762.4	16.82439	17	16.7
10/12/2016 22:14:19	16.67367	16.69784	16.64913	762.496	762.5	762.4	16.82439	17	16.7
10/12/2016 22:19:20	16.67251	16.6903	16.65749	762.3826	762.4	762.3	16.74167	17	16.7
10/12/2016 22:24:19	16.67251	16.6903	16.65749	762.3826	762.4	762.3	16.74167	17	16.7
10/12/2016 22:29:20	16.67353	16.6903	16.65347	762.4354	762.5	762.3	16.68422	16.7	16.6
10/12/2016 22:34:19	16.67353	16.6903	16.65347	762.4354	762.5	762.3	16.68422	16.7	16.6
10/12/2016 22:39:20	16.67401	16.70004	16.65347	762.4272	762.5	762.4	16.65042	16.7	16.6
10/12/2016 22:44:20	16.67447	16.69425	16.65347	762.4	762.4	762.4	16.63363	16.7	16.6
10/12/2016 22:49:19	16.67447	16.69425	16.65347	762.4	762.4	762.4	16.63363	16.7	16.6
10/12/2016 22:54:19	16.67543	16.70399	16.65742	762.329	762.4	762.2	16.61009	16.7	16.5
10/12/2016 22:59:20	16.67717	16.69865	16.65787	762.2	762.2	762.2	16.59329	16.7	16.4
10/12/2016 23:04:19	16.67488	16.6903	16.65347	762.3395	762.4	762.2	16.58318	16.6	16.5
10/12/2016 23:09:20	16.67434	16.6925	16.65567	762.3627	762.4	762.3	16.54289	16.6	16.4
10/12/2016 23:14:19	16.67434	16.6925	16.65567	762.3627	762.4	762.3	16.54289	16.6	16.4
10/12/2016 23:19:20	16.67327	16.68809	16.65128	762.5	762.5	762.5	16.47724	16.6	16.4
10/12/2016 23:24:19	16.67327	16.68809	16.65128	762.5	762.5	762.5	16.47724	16.6	16.4
10/12/2016 23:29:20	16.67591	16.69645	16.65962	762.3292	762.4	762.3	16.45036	16.6	16.4
10/12/2016 23:34:19	16.67591	16.69645	16.65962	762.3292	762.4	762.3	16.45036	16.6	16.4
10/12/2016 23:39:20	16.6781	16.6947	16.65787	762.2093	762.3	762.2	16.40671	16.5	16.3
10/12/2016 23:44:19	16.6781	16.6947	16.65787	762.2093	762.3	762.2	16.40671	16.5	16.3
10/12/2016 23:49:19	16.67804	16.68891	16.6676	762.204	762.3	762.2	16.38635	16.5	16.3
10/12/2016 23:54:20	16.67712	16.69645	16.65962	762.296	762.3	762.2	16.34725	16.4	16.3
10/12/2016 23:59:19	16.67712	16.69645	16.65962	762.296	762.3	762.2	16.34725	16.4	16.3
10/13/2016 00:04:19	16.67596	16.69645	16.65567	762.3456	762.4	762.3	16.33928	16.4	16.3
10/13/2016 00:09:19	16.67435	16.69634	16.65523	762.4484	762.5	762.4	16.3372	16.4	16.3
10/13/2016 00:14:19	16.67517	16.69634	16.65558	762.3715	762.4	762.3	16.33619	16.4	16.3
10/13/2016 00:19:20	16.67694	16.69274	16.66171	762.2617	762.3	762.2	16.31342	16.4	16.3
10/13/2016 00:24:19	16.67694	16.69274	16.66171	762.2617	762.3	762.2	16.31342	16.4	16.3
10/13/2016 00:29:19	16.67614	16.69854	16.65951	762.3022	762.4	762.2	16.28323	16.4	16.1
10/13/2016 00:34:19	16.67507	16.69447	16.65951	762.4	762.4	762.4	16.25243	16.3	16.1
10/13/2016 00:39:20	16.6752	16.69447	16.65558	762.4	762.4	762.4	16.22954	16.3	16
10/13/2016 00:44:19	16.6752	16.69447	16.65558	762.4	762.4	762.4	16.22954	16.3	16

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 00:49:19	16.67547	16.69447	16.66137	762.4093	762.5	762.4	16.17911	16.3	16.1
10/13/2016 00:54:19	16.67406	16.68834	16.65917	762.5	762.5	762.5	16.12535	16.3	16
10/13/2016 00:59:19	16.67298	16.68834	16.65338	762.499	762.5	762.4	16.12826	16.3	16
10/13/2016 01:04:19	16.67518	16.69634	16.65338	762.4574	762.5	762.4	16.09302	16.3	16
10/13/2016 01:09:20	16.67521	16.69634	16.65558	762.4058	762.5	762.3	16.08656	16.3	16
10/13/2016 01:14:19	16.67521	16.69634	16.65558	762.4058	762.5	762.3	16.08656	16.3	16
10/13/2016 01:19:20	16.67617	16.68915	16.66171	762.2265	762.3	762.2	16.11816	16.3	16
10/13/2016 01:24:19	16.67617	16.68915	16.66171	762.2265	762.3	762.2	16.11816	16.3	16
10/13/2016 01:29:19	16.67397	16.69087	16.66171	762.3	762.3	762.3	16.08287	16.3	16
10/13/2016 01:34:19	16.674	16.69839	16.65199	762.3325	762.4	762.3	16.04026	16.1	16
10/13/2016 01:39:20	16.67747	16.68867	16.65951	762.4	762.4	762.4	16.01345	16.1	15.9
10/13/2016 01:44:19	16.67747	16.68867	16.65951	762.4	762.4	762.4	16.01345	16.1	15.9
10/13/2016 01:49:19	16.67608	16.68867	16.6653	762.4	762.4	762.4	16.01007	16.1	15.9
10/13/2016 01:54:20	16.67525	16.68867	16.65558	762.4	762.4	762.4	15.94497	16	15.8
10/13/2016 01:59:19	16.67525	16.68867	16.65558	762.4	762.4	762.4	15.94497	16	15.8
10/13/2016 02:04:19	16.67467	16.69414	16.65338	762.498	762.5	762.4	15.95065	16.1	15.8
10/13/2016 02:09:19	16.67467	16.69414	16.65338	762.498	762.5	762.4	15.95065	16.1	15.8
10/13/2016 02:14:19	16.67521	16.69634	16.65338	762.4363	762.5	762.4	15.92948	16	15.8
10/13/2016 02:19:19	16.67414	16.69634	16.65558	762.4	762.4	762.4	15.93959	16	15.8
10/13/2016 02:24:19	16.67489	16.69054	16.65951	762.4	762.4	762.4	15.953	16	15.8
10/13/2016 02:29:19	16.67666	16.69447	16.65936	762.4184	762.5	762.4	15.94262	16	15.8
10/13/2016 02:34:19	16.67632	16.70591	16.65936	762.4849	762.5	762.4	15.88892	16	15.8
10/13/2016 02:39:19	16.67632	16.70591	16.65936	762.4849	762.5	762.4	15.88892	16	15.8
10/13/2016 02:44:19	16.67532	16.69069	16.65577	762.4503	762.5	762.4	15.84598	16	15.8
10/13/2016 02:49:19	16.67248	16.68867	16.66156	762.4	762.4	762.4	15.81678	15.9	15.8
10/13/2016 02:54:19	16.67248	16.68867	16.66156	762.4	762.4	762.4	15.81678	15.9	15.8
10/13/2016 02:59:19	16.67398	16.69087	16.66156	762.303	762.4	762.3	15.82353	16	15.8
10/13/2016 03:04:20	16.67435	16.69289	16.64434	762.307	762.4	762.3	15.81005	15.9	15.8
10/13/2016 03:09:19	16.67435	16.69289	16.64434	762.307	762.4	762.3	15.81005	15.9	15.8
10/13/2016 03:14:19	16.67586	16.69509	16.65796	762.2675	762.3	762.2	15.78656	15.8	15.7
10/13/2016 03:19:19	16.6775	16.69509	16.65796	762.2252	762.3	762.2	15.79663	15.8	15.7
10/13/2016 03:24:19	16.67278	16.69087	16.64434	762.297	762.3	762.2	15.79663	15.9	15.7
10/13/2016 03:29:19	16.67278	16.69087	16.64434	762.297	762.3	762.2	15.79663	15.9	15.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 03:34:19	16.67427	16.68915	16.65984	762.2795	762.3	762.2	15.82349	15.9	15.7
10/13/2016 03:39:19	16.67692	16.68915	16.66171	762.2151	762.3	762.1	15.93823	16.1	15.8
10/13/2016 03:44:19	16.67386	16.68555	16.66217	762.101	762.2	762.1	16.0238	16.1	15.9
10/13/2016 03:49:19	16.67695	16.69494	16.65638	762.1909	762.3	762.1	16.14095	16.3	16
10/13/2016 03:54:19	16.67568	16.6924	16.66321	762.3738	762.4	762.3	16.39329	16.5	16.3
10/13/2016 03:59:19	16.67568	16.6924	16.66321	762.3738	762.4	762.3	16.39329	16.5	16.3
10/13/2016 04:04:20	16.67704	16.69645	16.65962	762.3	762.3	762.3	16.60808	16.7	16.5
10/13/2016 04:09:19	16.67704	16.69645	16.65962	762.3	762.3	762.3	16.60808	16.7	16.5
10/13/2016 04:14:19	16.67418	16.69101	16.66182	762.2178	762.3	762.2	16.68452	16.7	16.6
10/13/2016 04:19:19	16.67339	16.69681	16.65997	762.2	762.2	762.2	16.80166	17	16.7
10/13/2016 04:24:19	16.67306	16.68891	16.65997	762.2	762.2	762.2	16.99124	17.1	16.7
10/13/2016 04:29:19	16.67457	16.69321	16.66182	762.132	762.2	762.1	17.06435	17.2	17
10/13/2016 04:34:19	16.6747	16.69147	16.64455	762.0481	762.1	762	17.17778	17.3	17.1
10/13/2016 04:39:19	16.6747	16.69147	16.64455	762.0481	762.1	762	17.17778	17.3	17.1
10/13/2016 04:44:19	16.67349	16.70306	16.65428	762.0246	762.1	762	17.30134	17.6	17.2
10/13/2016 04:49:19	16.67349	16.70306	16.65428	762.0246	762.1	762	17.30134	17.6	17.2
10/13/2016 04:54:19	16.67494	16.6969	16.65033	762.0933	762.1	762	17.43199	17.6	17.3
10/13/2016 04:59:19	16.67494	16.6969	16.65033	762.0933	762.1	762	17.43199	17.6	17.3
10/13/2016 05:04:19	16.67641	16.69111	16.65428	762.1	762.1	762.1	17.56299	17.7	17.3
10/13/2016 05:09:19	16.67641	16.69111	16.65428	762.1	762.1	762.1	17.56299	17.7	17.3
10/13/2016 05:14:19	16.67686	16.70086	16.66006	762.1671	762.2	762.1	17.57269	17.7	17.3
10/13/2016 05:19:19	16.67719	16.70619	16.65962	762.268	762.3	762.2	17.58744	17.7	17.3
10/13/2016 05:24:19	16.67841	16.68891	16.65787	762.2087	762.3	762.2	17.57783	17.7	17.3
10/13/2016 05:29:19	16.67574	16.6925	16.65567	762.2882	762.3	762.2	17.6101	17.7	17.5
10/13/2016 05:34:19	16.67642	16.69645	16.65567	762.3	762.3	762.3	17.61682	17.7	17.6
10/13/2016 05:39:19	16.67621	16.68671	16.65567	762.3	762.3	762.3	17.64239	17.7	17.6
10/13/2016 05:44:19	16.67621	16.68671	16.65567	762.3	762.3	762.3	17.64239	17.7	17.6
10/13/2016 05:49:19	16.67644	16.69645	16.65749	762.3	762.3	762.3	17.62355	17.7	17.6
10/13/2016 05:54:19	16.67572	16.69645	16.65567	762.3	762.3	762.3	17.62733	17.7	17.6
10/13/2016 05:59:19	16.6755	16.6925	16.65749	762.3	762.3	762.3	17.64911	17.7	17.6
10/13/2016 06:04:19	16.67202	16.70004	16.66107	762.3821	762.4	762.3	17.65719	17.7	17.6
10/13/2016 06:09:19	16.67645	16.6903	16.65887	762.4832	762.5	762.4	17.66096	17.7	17.6
10/13/2016 06:14:19	16.67229	16.68634	16.66107	762.4077	762.5	762.4	17.67936	17.7	17.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 06:19:19	16.67331	16.68854	16.66107	762.3367	762.4	762.3	17.6899	17.7	17.6
10/13/2016 06:24:19	16.67331	16.68854	16.66107	762.3367	762.4	762.3	17.6899	17.7	17.6
10/13/2016 06:29:19	16.67408	16.70224	16.66107	762.3118	762.4	762.3	17.69619	17.8	17.6
10/13/2016 06:34:19	16.67354	16.6925	16.66107	762.3816	762.5	762.3	17.68789	17.7	17.6
10/13/2016 06:39:19	16.67606	16.68992	16.65887	762.5031	762.6	762.5	17.68318	17.7	17.6
10/13/2016 06:44:19	16.67407	16.68451	16.65347	762.401	762.5	762.4	17.65921	17.7	17.6
10/13/2016 06:49:19	16.67407	16.68451	16.65347	762.401	762.5	762.4	17.65921	17.7	17.6
10/13/2016 06:54:19	16.67189	16.69205	16.66101	762.5	762.5	762.5	17.62218	17.7	17.6
10/13/2016 06:59:19	16.67189	16.69205	16.66101	762.5	762.5	762.5	17.62218	17.7	17.6
10/13/2016 07:04:19	16.6724	16.6924	16.65523	762.4829	762.5	762.4	17.61344	17.7	17.5
10/13/2016 07:09:19	16.67258	16.69425	16.65523	762.4854	762.5	762.4	17.59662	17.7	17.5
10/13/2016 07:14:19	16.67206	16.69205	16.65523	762.5136	762.6	762.5	17.54619	17.7	17.3
10/13/2016 07:19:19	16.67206	16.69205	16.65523	762.5136	762.6	762.5	17.54619	17.7	17.3
10/13/2016 07:24:19	16.67517	16.69959	16.65881	762.6	762.6	762.6	17.50448	17.6	17.3
10/13/2016 07:29:19	16.67497	16.69959	16.65881	762.6	762.6	762.6	17.30334	17.5	17.2
10/13/2016 07:34:19	16.67497	16.69959	16.65881	762.6	762.6	762.6	17.30334	17.5	17.2
10/13/2016 07:39:19	16.67594	16.68772	16.66064	762.6	762.6	762.6	17.30767	17.6	17.2
10/13/2016 07:44:19	16.67594	16.68772	16.66064	762.6	762.6	762.6	17.30767	17.6	17.2
10/13/2016 07:49:19	16.67635	16.6935	16.66425	762.6	762.6	762.6	17.38612	17.6	17.3
10/13/2016 07:54:19	16.67321	16.70108	16.66205	762.6439	762.7	762.6	17.64754	17.7	17.5
10/13/2016 07:59:19	16.67389	16.68912	16.65985	762.7	762.7	762.7	17.79845	18.1	17.6
10/13/2016 08:04:19	16.67389	16.68912	16.65985	762.7	762.7	762.7	17.79845	18.1	17.6
10/13/2016 08:09:19	16.67619	16.68912	16.65765	762.7792	762.8	762.7	18.01533	18.2	17.9
10/13/2016 08:14:19	16.67514	16.69448	16.66341	762.8	762.8	762.8	18.42201	18.7	18.3
10/13/2016 08:19:19	16.67381	16.68871	16.65722	762.8922	762.9	762.8	18.73056	18.9	18.5
10/13/2016 08:24:19	16.67381	16.68871	16.65722	762.8922	762.9	762.8	18.73056	18.9	18.5
10/13/2016 08:29:19	16.67422	16.69404	16.65146	762.8768	762.9	762.8	19.04521	19.3	19
10/13/2016 08:34:19	16.67422	16.69404	16.65146	762.8768	762.9	762.8	19.04521	19.3	19
10/13/2016 08:39:19	16.67358	16.69003	16.65321	762.9	762.9	762.9	19.27698	19.4	19.1
10/13/2016 08:44:19	16.67169	16.69404	16.65321	762.9	762.9	762.9	19.42737	19.6	19.3
10/13/2016 08:49:19	16.67356	16.6976	16.65283	763.0136	763.1	763	19.68319	19.9	19.6
10/13/2016 08:54:19	16.67807	16.69941	16.65859	763.1	763.1	763.1	19.79176	20	19.7
10/13/2016 08:59:19	16.67807	16.69941	16.65859	763.1	763.1	763.1	19.79176	20	19.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 09:04:19	16.67699	16.70518	16.65859	763.1	763.1	763.1	20.02689	20.1	20
10/13/2016 09:09:19	16.67699	16.70518	16.65859	763.1	763.1	763.1	20.02689	20.1	20
10/13/2016 09:14:19	16.67629	16.70698	16.6604	763.166	763.2	763.1	20.04757	20.1	20
10/13/2016 09:19:19	16.67417	16.68788	16.65283	763.1	763.1	763.1	20.06104	20.1	20
10/13/2016 09:24:19	16.67417	16.68788	16.65283	763.1	763.1	763.1	20.06104	20.1	20
10/13/2016 09:29:19	16.67723	16.69941	16.64882	763.1	763.1	763.1	20.03024	20.1	20
10/13/2016 09:34:19	16.67723	16.69941	16.64882	763.1	763.1	763.1	20.03024	20.1	20
10/13/2016 09:39:19	16.67627	16.69093	16.65639	763.2	763.2	763.2	20.02689	20.1	19.9
10/13/2016 09:44:19	16.67645	16.70071	16.65987	763.2	763.2	763.2	20.02351	20.1	20
10/13/2016 09:49:19	16.67621	16.69437	16.65924	763.2	763.2	763.2	20.07111	20.2	20
10/13/2016 09:54:19	16.67621	16.69437	16.65924	763.2	763.2	763.2	20.07111	20.2	20
10/13/2016 09:59:19	16.67494	16.70129	16.65924	763.2368	763.3	763.2	20.18116	20.3	20.1
10/13/2016 10:04:19	16.67479	16.6896	16.65795	763.2349	763.3	763.2	20.35008	20.6	20.2
10/13/2016 10:09:19	16.67676	16.69515	16.65675	763.2071	763.3	763.2	21.0178	21.3	20.8
10/13/2016 10:14:19	16.67676	16.69515	16.65675	763.2071	763.3	763.2	21.0178	21.3	20.8
10/13/2016 10:19:19	16.67483	16.69358	16.65455	763.2161	763.3	763.2	21.38952	21.7	21.2
10/13/2016 10:24:19	16.6761	16.69803	16.65928	763.2269	763.3	763.2	21.85287	22	21.7
10/13/2016 10:29:19	16.67581	16.68878	16.6612	763.2433	763.3	763.2	22.2111	22.5	22
10/13/2016 10:34:19	16.67637	16.70052	16.65959	763.2808	763.4	763.2	22.87642	23.1	22.7
10/13/2016 10:39:19	16.67637	16.70052	16.65959	763.2808	763.4	763.2	22.87642	23.1	22.7
10/13/2016 10:44:19	16.67529	16.69552	16.6549	763.3597	763.4	763.3	23.18657	23.3	23.1
10/13/2016 10:49:19	16.67529	16.69552	16.6549	763.3597	763.4	763.3	23.18657	23.3	23.1
10/13/2016 10:54:19	16.67438	16.70123	16.64884	763.3436	763.4	763.3	23.16975	23.2	23.1
10/13/2016 10:59:19	16.6756	16.69138	16.65455	763.3312	763.4	763.3	23.03283	23.1	22.9
10/13/2016 11:04:19	16.6756	16.69138	16.65455	763.3312	763.4	763.3	23.03283	23.1	22.9
10/13/2016 11:09:19	16.67494	16.69392	16.65455	763.3	763.3	763.3	23.05631	23.1	23
10/13/2016 11:14:19	16.67402	16.68661	16.65548	763.3606	763.5	763.3	23.15096	23.3	23
10/13/2016 11:19:19	16.67656	16.69332	16.6622	763.4308	763.5	763.4	23.22014	23.3	23.1
10/13/2016 11:24:19	16.6749	16.6949	16.66118	763.4	763.4	763.4	23.31341	23.5	23.3
10/13/2016 11:29:19	16.6749	16.6949	16.66118	763.4	763.4	763.4	23.31341	23.5	23.3
10/13/2016 11:34:19	16.67908	16.69904	16.66001	763.449	763.5	763.3	23.39464	23.6	23.3
10/13/2016 11:39:19	16.67908	16.69904	16.66001	763.449	763.5	763.3	23.39464	23.6	23.3
10/13/2016 11:44:19	16.6766	16.70329	16.65657	763.3419	763.4	763.3	23.33697	23.6	23.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 11:49:19	16.67439	16.69035	16.65703	763.35	763.4	763.3	23.5369	23.6	23.3
10/13/2016 11:54:19	16.67571	16.69076	16.65393	763.407	763.5	763.3	23.6302	23.7	23.6
10/13/2016 11:59:19	16.67457	16.69189	16.65388	763.2738	763.3	763.2	23.72414	23.8	23.7
10/13/2016 12:04:19	16.67533	16.68991	16.65155	763.2269	763.4	763.2	23.84764	23.9	23.7
10/13/2016 12:09:19	16.67533	16.68991	16.65155	763.2269	763.4	763.2	23.84764	23.9	23.7
10/13/2016 12:14:19	16.67651	16.69932	16.65876	763.165	763.3	763.1	24.12405	24.3	23.9
10/13/2016 12:19:19	16.67651	16.69932	16.65876	763.165	763.3	763.1	24.12405	24.3	23.9
10/13/2016 12:24:19	16.67685	16.68943	16.65458	763.142	763.2	763	24.2087	24.3	24.1
10/13/2016 12:29:19	16.67378	16.69232	16.65607	763.0944	763.2	762.9	24.2919	24.4	24.2
10/13/2016 12:34:19	16.67478	16.68981	16.6601	762.7081	762.8	762.6	24.46774	24.7	24.4
10/13/2016 12:39:19	16.67478	16.68981	16.6601	762.7081	762.8	762.6	24.46774	24.7	24.4
10/13/2016 12:44:19	16.67533	16.70192	16.65425	762.6569	762.9	762.5	24.66916	24.7	24.5
10/13/2016 12:49:19	16.67459	16.69714	16.65442	762.5211	762.7	762.5	24.81542	24.9	24.7
10/13/2016 12:54:19	16.67329	16.68852	16.66026	762.5469	762.7	762.5	24.91006	25	24.9
10/13/2016 12:59:19	16.67351	16.69568	16.64799	762.5571	762.6	762.5	24.91681	25	24.8
10/13/2016 13:04:19	16.67351	16.69568	16.64799	762.5571	762.6	762.5	24.91681	25	24.8
10/13/2016 13:09:19	16.67653	16.69439	16.65587	762.3641	762.5	762.2	24.78187	24.9	24.7
10/13/2016 13:14:19	16.67504	16.69382	16.65694	762.2	762.2	762.2	24.804	24.9	24.7
10/13/2016 13:19:19	16.67618	16.68973	16.66072	761.9872	762	761.9	25.00199	25.3	24.9
10/13/2016 13:24:19	16.67366	16.68888	16.65362	762.001	762.1	761.9	25.15032	25.3	25
10/13/2016 13:29:19	16.67574	16.6905	16.65709	761.9617	762.1	761.9	25.12016	25.3	25
10/13/2016 13:34:19	16.67574	16.6905	16.65709	761.9617	762.1	761.9	25.12016	25.3	25
10/13/2016 13:39:19	16.67372	16.6927	16.65362	761.8372	761.9	761.7	25.11678	25.3	25
10/13/2016 13:44:19	16.67562	16.68921	16.65801	761.7101	761.8	761.7	25.16845	25.3	25.1
10/13/2016 13:49:19	16.67388	16.69413	16.65231	761.7329	761.9	761.7	25.29058	25.4	25.1
10/13/2016 13:54:19	16.67309	16.69112	16.65987	761.7681	761.8	761.7	25.64362	25.9	25.5
10/13/2016 13:59:19	16.67309	16.69112	16.65987	761.7681	761.8	761.7	25.64362	25.9	25.5
10/13/2016 14:04:19	16.67637	16.69626	16.65359	761.7534	761.9	761.6	25.92753	26	25.7
10/13/2016 14:09:19	16.67487	16.69626	16.65451	761.7168	761.8	761.6	25.92549	26	25.7
10/13/2016 14:14:19	16.6756	16.69916	16.65866	761.6893	761.8	761.6	25.75101	26	25.6
10/13/2016 14:19:19	16.67625	16.70634	16.66512	761.5147	761.6	761.5	25.68461	25.9	25.6
10/13/2016 14:24:19	16.67176	16.68777	16.65029	761.5841	761.7	761.5	25.81107	26	25.7
10/13/2016 14:29:19	16.67322	16.68851	16.66225	761.6409	761.7	761.6	25.50595	25.7	25.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 14:34:19	16.67614	16.70082	16.66257	761.3919	761.5	761.2	24.7202	24.9	24.5
10/13/2016 14:39:19	16.67614	16.70082	16.66257	761.3919	761.5	761.2	24.7202	24.9	24.5
10/13/2016 14:44:19	16.6725	16.68723	16.65456	761.3922	761.5	761.2	24.55308	24.7	24.3
10/13/2016 14:49:19	16.67623	16.69437	16.66245	761.2895	761.5	761.2	24.29831	24.4	24.2
10/13/2016 14:54:19	16.67636	16.70168	16.65909	761.2	761.2	761.2	24.36631	24.4	24.3
10/13/2016 14:59:19	16.67636	16.70168	16.65909	761.2	761.2	761.2	24.36631	24.4	24.3
10/13/2016 15:04:19	16.6763	16.69379	16.64916	761.2189	761.3	761.2	24.7815	24.9	24.7
10/13/2016 15:09:19	16.6763	16.69379	16.64916	761.2189	761.3	761.2	24.7815	24.9	24.7
10/13/2016 15:14:19	16.67472	16.68723	16.66317	761.3548	761.4	761.3	24.89087	25	24.8
10/13/2016 15:19:19	16.67525	16.69935	16.65676	761.304	761.4	761.3	24.71848	24.9	24.5
10/13/2016 15:24:19	16.67426	16.68866	16.66096	761.2216	761.3	761.2	24.38749	24.7	24.3
10/13/2016 15:29:19	16.67426	16.68866	16.66096	761.2216	761.3	761.2	24.38749	24.7	24.3
10/13/2016 15:34:19	16.67421	16.69163	16.65052	761.1919	761.2	761.1	24.2243	24.3	24.1
10/13/2016 15:39:19	16.67421	16.69163	16.65052	761.1919	761.2	761.1	24.2243	24.3	24.1
10/13/2016 15:44:19	16.6726	16.69286	16.65597	761.1879	761.3	761.1	24.17257	24.3	23.9
10/13/2016 15:49:19	16.67479	16.69773	16.65863	761.1841	761.2	761.1	23.84469	24.1	23.7
10/13/2016 15:54:19	16.6742	16.69926	16.64897	761.0185	761.1	761	23.6101	23.7	23.6
10/13/2016 15:59:19	16.6742	16.69926	16.64897	761.0185	761.1	761	23.6101	23.7	23.6
10/13/2016 16:04:19	16.67344	16.69004	16.65467	761.0078	761.1	760.9	23.60334	23.7	23.5
10/13/2016 16:09:19	16.67511	16.69422	16.65247	761.0323	761.1	760.9	23.63104	23.7	23.6
10/13/2016 16:14:19	16.67472	16.69643	16.65247	760.9841	761.1	760.9	23.62186	23.7	23.6
10/13/2016 16:19:19	16.67742	16.69377	16.65268	760.9	760.9	760.9	23.62019	23.7	23.6
10/13/2016 16:24:19	16.67863	16.69948	16.66407	760.9	760.9	760.9	23.67812	23.7	23.6
10/13/2016 16:29:19	16.67543	16.69948	16.65687	760.9	760.9	760.9	23.68654	23.7	23.6
10/13/2016 16:34:19	16.67467	16.6984	16.65315	760.9485	761	760.8	23.55888	23.7	23.3
10/13/2016 16:39:19	16.67597	16.69709	16.64812	760.8759	761	760.8	23.27901	23.5	23.2
10/13/2016 16:44:19	16.67739	16.69709	16.66019	760.8814	761	760.7	23.13197	23.3	23
10/13/2016 16:49:19	16.67739	16.69709	16.66019	760.8814	761	760.7	23.13197	23.3	23
10/13/2016 16:54:19	16.67453	16.68744	16.66196	760.6074	760.7	760.5	22.81597	23	22.7
10/13/2016 16:59:19	16.67453	16.68744	16.66196	760.6074	760.7	760.5	22.81597	23	22.7
10/13/2016 17:04:19	16.6752	16.69486	16.65953	760.4929	760.5	760.4	22.57646	22.7	22.4
10/13/2016 17:09:19	16.6752	16.69486	16.65953	760.4929	760.5	760.4	22.57646	22.7	22.4
10/13/2016 17:14:19	16.67076	16.69292	16.65121	760.4778	760.6	760.4	22.25142	22.6	21.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 17:19:19	16.672	16.69423	16.64966	760.5033	760.6	760.4	21.70101	21.9	21.4
10/13/2016 17:24:19	1.96059	16.69292	0	760.3973	760.5	760.3	21.32316	21.4	21.3
10/13/2016 17:29:19	0	0	0	760.1942	760.3	760.1	21.25627	21.3	21.1
10/13/2016 17:34:19	0	0	0	760.1942	760.3	760.1	21.25627	21.3	21.1
10/13/2016 17:39:19	0	0	0	760.1444	760.2	760.1	21.21433	21.3	21.1
10/13/2016 17:44:19	0	0	0	760.1	760.1	760.1	21.15718	21.3	21.1
10/13/2016 17:49:19	0	0	0	759.997	760	759.9	20.94289	21.1	20.8
10/13/2016 17:54:19	0	0	0	759.9465	760	759.9	20.79582	21.1	20.7
10/13/2016 17:59:19	0	0	0	759.9	759.9	759.9	20.70336	20.8	20.6
10/13/2016 18:04:19	0	0	0	759.897	759.9	759.8	20.61512	20.7	20.5
10/13/2016 18:09:19	0	0	0	759.897	759.9	759.8	20.61512	20.7	20.5
10/13/2016 18:14:19	0	0	0	759.897	759.9	759.8	20.46643	20.6	20.3
10/13/2016 18:19:19	0	0	0	759.8043	759.9	759.8	20.29245	20.5	20.2
10/13/2016 18:24:19	0	0	0	759.8	759.8	759.8	20.15211	20.2	20.1
10/13/2016 18:29:19	0	0	0	759.7455	759.8	759.7	20.05211	20.2	20
10/13/2016 18:34:19	0	0	0	759.7939	759.8	759.7	19.6269	20	19.4
10/13/2016 18:39:19	0	0	0	759.7939	759.8	759.7	19.6269	20	19.4
10/13/2016 18:44:19	0	0	0	759.8	759.8	759.8	19.41261	19.6	19.3
10/13/2016 18:49:19	0	0	0	759.704	759.8	759.7	19.32017	19.4	19.3
10/13/2016 18:54:19	0	0	0	759.7997	759.8	759.7	19.08907	19.3	19
10/13/2016 18:59:19	0	0	0	759.7997	759.8	759.7	19.08907	19.3	19
10/13/2016 19:04:19	0	0	0	759.8712	760	759.8	19.00336	19.1	18.9
10/13/2016 19:09:19	0	0	0	760.0008	760.1	759.9	18.88402	19	18.8
10/13/2016 19:14:19	0	0	0	760.1462	760.2	760.1	18.72883	18.8	18.7
10/13/2016 19:19:19	13.9514	16.70681	0	760.1941	760.3	760.1	18.47283	18.7	18.3
10/13/2016 19:24:19	13.9514	16.70681	0	760.1941	760.3	760.1	18.47283	18.7	18.3
10/13/2016 19:29:19	16.67667	16.69488	16.6557	760.2533	760.3	760.2	18.27898	18.4	18.2
10/13/2016 19:34:19	16.67578	16.70065	16.64186	760.3	760.3	760.3	18.04114	18.1	17.9
10/13/2016 19:39:19	16.67578	16.70065	16.64186	760.3	760.3	760.3	18.04114	18.1	17.9
10/13/2016 19:44:19	16.67718	16.69488	16.65973	760.3131	760.4	760.3	17.88992	18.1	17.7
10/13/2016 19:49:19	16.67474	16.69488	16.65973	760.3805	760.4	760.3	17.72184	17.9	17.7
10/13/2016 19:54:19	16.67474	16.69488	16.65973	760.3805	760.4	760.3	17.72184	17.9	17.7
10/13/2016 19:59:19	16.67349	16.69228	16.65533	760.5553	760.6	760.5	17.66552	17.8	17.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 20:04:19	16.67349	16.69228	16.65533	760.5553	760.6	760.5	17.66552	17.8	17.6
10/13/2016 20:09:19	16.67346	16.68249	16.65715	760.6	760.6	760.6	17.6168	17.7	17.6
10/13/2016 20:14:19	16.67346	16.68249	16.65715	760.6	760.6	760.6	17.6168	17.7	17.6
10/13/2016 20:19:19	16.67341	16.68249	16.65313	760.6	760.6	760.6	17.56808	17.6	17.3
10/13/2016 20:24:19	16.67341	16.68249	16.65313	760.6	760.6	760.6	17.56808	17.6	17.3
10/13/2016 20:29:19	16.67413	16.6963	16.65715	760.6	760.6	760.6	17.48482	17.6	17.3
10/13/2016 20:34:19	16.67515	16.69228	16.65715	760.6	760.6	760.6	17.43096	17.6	17.3
10/13/2016 20:39:19	16.67465	16.68651	16.66071	760.605	760.7	760.6	17.35708	17.6	17.3
10/13/2016 20:44:19	16.67155	16.69008	16.66292	760.6937	760.7	760.6	17.33691	17.5	17.2
10/13/2016 20:49:19	16.67217	16.69008	16.66474	760.7	760.7	760.7	17.32353	17.6	17.3
10/13/2016 20:54:19	16.67106	16.68431	16.66071	760.7	760.7	760.7	17.2991	17.3	17.2
10/13/2016 20:59:19	16.67131	16.69008	16.66071	760.7	760.7	760.7	17.28062	17.3	17.2
10/13/2016 21:04:19	16.67131	16.69008	16.66071	760.7	760.7	760.7	17.28062	17.3	17.2
10/13/2016 21:09:19	16.67312	16.69008	16.65495	760.7	760.7	760.7	17.28489	17.5	17.2
10/13/2016 21:14:19	16.67463	16.68431	16.66254	760.701	760.8	760.7	17.23936	17.3	17.1
10/13/2016 21:19:19	16.67463	16.68431	16.66254	760.701	760.8	760.7	17.23936	17.3	17.1
10/13/2016 21:24:19	16.67399	16.68431	16.66474	760.7211	760.8	760.7	17.22858	17.3	17.1
10/13/2016 21:29:19	16.67348	16.69188	16.65677	760.799	760.8	760.7	17.23783	17.3	17.1
10/13/2016 21:34:19	16.67377	16.69369	16.65281	760.8654	760.9	760.8	17.22684	17.3	17.2
10/13/2016 21:39:19	16.67377	16.69369	16.65281	760.8654	760.9	760.8	17.22684	17.3	17.2
10/13/2016 21:44:19	16.67231	16.69148	16.66038	760.9533	761	760.9	17.20166	17.3	17.1
10/13/2016 21:49:19	16.67231	16.69148	16.66038	760.9533	761	760.9	17.20166	17.3	17.1
10/13/2016 21:54:19	16.67379	16.69726	16.65062	761	761	761	17.18323	17.3	17.1
10/13/2016 21:59:19	16.67396	16.70126	16.66038	761.004	761.1	761	17.16213	17.2	17.1
10/13/2016 22:04:19	16.67796	16.70483	16.65818	761.1	761.1	761.1	17.12856	17.2	17.1
10/13/2016 22:09:19	16.67796	16.70483	16.65818	761.1	761.1	761.1	17.12856	17.2	17.1
10/13/2016 22:14:19	16.67671	16.68928	16.66218	761.1402	761.2	761.1	17.08321	17.2	17
10/13/2016 22:19:19	16.67671	16.68928	16.66218	761.1402	761.2	761.1	17.08321	17.2	17
10/13/2016 22:24:19	16.6765	16.68749	16.65998	761.1618	761.2	761.1	17.03525	17.1	17
10/13/2016 22:29:19	16.6765	16.68749	16.65998	761.1618	761.2	761.1	17.03525	17.1	17
10/13/2016 22:34:19	16.67291	16.68171	16.65064	761.1	761.1	761.1	16.99233	17.1	16.9
10/13/2016 22:39:19	16.67291	16.68171	16.65064	761.1	761.1	761.1	16.99233	17.1	16.9
10/13/2016 22:44:19	16.67531	16.69148	16.65998	761.1231	761.2	761.1	16.8578	17	16.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 22:49:19	16.67531	16.69148	16.65998	761.1231	761.2	761.1	16.8578	17	16.7
10/13/2016 22:54:19	16.67448	16.69148	16.65641	761.1	761.1	761.1	16.73019	17	16.7
10/13/2016 22:59:19	16.67448	16.69148	16.65641	761.1	761.1	761.1	16.73019	17	16.7
10/13/2016 23:04:19	16.67359	16.69148	16.6604	761.1	761.1	761.1	16.70334	16.9	16.6
10/13/2016 23:09:19	16.67491	16.68967	16.66257	761.1	761.1	761.1	16.67219	16.7	16.6
10/13/2016 23:14:19	16.67491	16.68967	16.66257	761.1	761.1	761.1	16.67219	16.7	16.6
10/13/2016 23:19:19	16.67369	16.68967	16.6604	761.099	761.1	761	16.64132	16.7	16.6
10/13/2016 23:24:19	16.6741	16.68967	16.6604	761.1	761.1	761.1	16.6319	16.7	16.5
10/13/2016 23:29:19	16.6741	16.68967	16.6604	761.1	761.1	761.1	16.6319	16.7	16.5
10/13/2016 23:34:19	16.67551	16.69188	16.66438	761.0416	761.1	761	16.61106	16.7	16.6
10/13/2016 23:39:19	16.67577	16.69188	16.65682	761	761	761	16.61176	16.7	16.6
10/13/2016 23:44:19	16.67421	16.69365	16.65282	761.1	761.1	761.1	16.58659	16.7	16.5
10/13/2016 23:49:19	16.67421	16.69365	16.65282	761.1	761.1	761.1	16.58659	16.7	16.5
10/13/2016 23:54:19	16.6731	16.69365	16.66257	761.1	761.1	761.1	16.58322	16.6	16.5
10/13/2016 23:59:19	16.67309	16.69365	16.66257	761.1	761.1	761.1	16.5463	16.6	16.4
10/14/2016 00:04:19	16.67455	16.68961	16.65458	761.1372	761.2	761.1	16.51076	16.6	16.4
10/14/2016 00:09:19	16.67511	16.68602	16.65679	761.108	761.2	761.1	16.4772	16.6	16.4
10/14/2016 00:14:19	16.6738	16.68602	16.65496	761.101	761.2	761.1	16.42012	16.5	16.4
10/14/2016 00:19:19	16.6738	16.68602	16.65496	761.101	761.2	761.1	16.42012	16.5	16.4
10/14/2016 00:24:19	16.67352	16.68602	16.65276	761.1826	761.2	761.1	16.40335	16.5	16.3
10/14/2016 00:29:19	16.67405	16.68997	16.65496	761.102	761.2	761.1	16.37315	16.4	16.3
10/14/2016 00:34:19	16.67394	16.68418	16.66075	761.1312	761.2	761.1	16.35874	16.4	16.3
10/14/2016 00:39:19	16.67394	16.68418	16.66075	761.1312	761.2	761.1	16.35874	16.4	16.3
10/14/2016 00:44:19	16.67402	16.69577	16.65496	761.1	761.1	761.1	16.34028	16.4	16.3
10/14/2016 00:49:19	16.67392	16.68777	16.65671	761.1473	761.2	761.1	16.31341	16.4	16.3
10/14/2016 00:54:19	16.67392	16.68777	16.65671	761.1473	761.2	761.1	16.31341	16.4	16.3
10/14/2016 00:59:19	16.67375	16.68777	16.6625	761.1755	761.2	761.1	16.3235	16.4	16.3
10/14/2016 01:04:19	16.6726	16.69171	16.6625	761.2	761.2	761.2	16.31779	16.4	16.3
10/14/2016 01:09:19	16.67302	16.69171	16.65671	761.2	761.2	761.2	16.34632	16.4	16.3
10/14/2016 01:14:19	16.67407	16.69171	16.65671	761.202	761.3	761.2	16.4	16.4	16.4
10/14/2016 01:19:19	16.67407	16.69171	16.65671	761.202	761.3	761.2	16.4	16.4	16.4
10/14/2016 01:24:19	16.67475	16.68591	16.65451	761.2324	761.3	761.2	16.38316	16.4	16.3
10/14/2016 01:29:19	16.67475	16.68591	16.65451	761.2324	761.3	761.2	16.38316	16.4	16.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 01:34:19	16.67351	16.69344	16.65266	761.298	761.3	761.2	16.3855	16.4	16.3
10/14/2016 01:39:19	16.67387	16.68951	16.65231	761.3373	761.4	761.3	16.37511	16.4	16.3
10/14/2016 01:44:19	16.67629	16.6873	16.66204	761.4	761.4	761.4	16.42228	16.6	16.3
10/14/2016 01:49:19	16.6762	16.6873	16.66168	761.4495	761.5	761.4	16.46871	16.6	16.4
10/14/2016 01:54:19	16.6762	16.6873	16.66168	761.4495	761.5	761.4	16.46871	16.6	16.4
10/14/2016 01:59:19	16.6724	16.69062	16.66135	761.5	761.5	761.5	16.62827	16.7	16.6
10/14/2016 02:04:19	16.6724	16.69062	16.66135	761.5	761.5	761.5	16.62827	16.7	16.6
10/14/2016 02:09:19	16.67392	16.68664	16.65737	761.5	761.5	761.5	16.70874	16.9	16.6
10/14/2016 02:14:19	16.67368	16.69243	16.65737	761.5	761.5	761.5	17.01654	17.1	16.9
10/14/2016 02:19:19	16.67368	16.69243	16.65737	761.5	761.5	761.5	17.01654	17.1	16.9
10/14/2016 02:24:19	16.67703	16.68841	16.66313	761.6	761.6	761.6	17.22127	17.3	17.1
10/14/2016 02:29:19	16.67703	16.68841	16.66313	761.6	761.6	761.6	17.22127	17.3	17.1
10/14/2016 02:34:19	16.67395	16.69062	16.66135	761.5	761.5	761.5	17.33369	17.6	17.3
10/14/2016 02:39:19	16.67583	16.69463	16.66135	761.4202	761.5	761.4	17.42783	17.6	17.3
10/14/2016 02:44:19	16.67583	16.69463	16.66135	761.4202	761.5	761.4	17.42783	17.6	17.3
10/14/2016 02:49:19	16.67585	16.69463	16.66355	761.4	761.4	761.4	17.58253	17.6	17.3
10/14/2016 02:54:19	16.67699	16.69679	16.65597	761.4009	761.5	761.4	17.64145	17.7	17.6
10/14/2016 02:59:19	16.67699	16.69679	16.65597	761.4009	761.5	761.4	17.64145	17.7	17.6
10/14/2016 03:04:19	16.67477	16.69463	16.6538	761.4	761.4	761.4	17.67201	17.7	17.6
10/14/2016 03:09:19	16.67516	16.68885	16.6516	761.4202	761.5	761.4	17.66054	17.7	17.6
10/14/2016 03:14:19	16.67466	16.68703	16.65377	761.4717	761.5	761.4	17.66503	17.7	17.6
10/14/2016 03:19:19	16.67641	16.68916	16.65597	761.4	761.4	761.4	17.68316	17.8	17.6
10/14/2016 03:24:19	16.67674	16.68916	16.66571	761.4	761.4	761.4	17.67979	17.7	17.6
10/14/2016 03:29:19	16.6747	16.68916	16.65239	761.3192	761.4	761.3	17.66862	17.7	17.6
10/14/2016 03:34:19	16.6773	16.68924	16.65597	761.3071	761.4	761.3	17.65719	17.7	17.6
10/14/2016 03:39:19	16.67809	16.69899	16.64842	761.3	761.3	761.3	17.64508	17.7	17.6
10/14/2016 03:44:19	16.67809	16.69899	16.64842	761.3	761.3	761.3	17.64508	17.7	17.6
10/14/2016 03:49:19	16.67868	16.69899	16.65817	761.2919	761.3	761.2	17.63272	17.7	17.6
10/14/2016 03:54:19	16.67868	16.69899	16.65817	761.2919	761.3	761.2	17.63272	17.7	17.6
10/14/2016 03:59:19	16.67762	16.69899	16.66355	761.3727	761.4	761.3	17.6529	17.7	17.6
10/14/2016 04:04:19	16.67509	16.69282	16.65778	761.4	761.4	761.4	17.65181	17.7	17.6
10/14/2016 04:09:19	16.67592	16.69282	16.65778	761.4	761.4	761.4	17.66502	17.7	17.6
10/14/2016 04:14:19	16.67566	16.68885	16.65778	761.4	761.4	761.4	17.6563	17.7	17.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 04:19:19	16.67346	16.68885	16.65737	761.4969	761.5	761.4	17.69977	17.8	17.6
10/14/2016 04:24:19	16.67346	16.68885	16.65737	761.4969	761.5	761.4	17.69977	17.8	17.6
10/14/2016 04:29:19	16.67288	16.68267	16.66135	761.5	761.5	761.5	17.73949	17.9	17.7
10/14/2016 04:34:19	16.67215	16.69062	16.66135	761.5	761.5	761.5	17.8114	17.9	17.7
10/14/2016 04:39:19	16.67215	16.69062	16.66135	761.5	761.5	761.5	17.8114	17.9	17.7
10/14/2016 04:44:19	16.67289	16.68664	16.66135	761.4999	761.5	761.4	17.87642	17.9	17.8
10/14/2016 04:49:19	16.67289	16.68664	16.66135	761.4999	761.5	761.4	17.87642	17.9	17.8
10/14/2016 04:54:19	16.67285	16.68664	16.66135	761.498	761.5	761.4	17.8686	17.9	17.8
10/14/2016 04:59:19	16.67511	16.68483	16.66351	761.5	761.5	761.5	17.86503	17.9	17.7
10/14/2016 05:04:19	16.67384	16.69458	16.65377	761.5	761.5	761.5	17.85964	17.9	17.7
10/14/2016 05:09:19	16.67488	16.69458	16.66351	761.5	761.5	761.5	17.7789	17.9	17.7
10/14/2016 05:14:19	16.67488	16.69458	16.66351	761.5	761.5	761.5	17.7789	17.9	17.7
10/14/2016 05:19:19	16.67362	16.68483	16.66351	761.5	761.5	761.5	17.73697	17.9	17.7
10/14/2016 05:24:19	16.67362	16.68483	16.66351	761.5	761.5	761.5	17.73697	17.9	17.7
10/14/2016 05:29:19	16.67426	16.69458	16.66351	761.5	761.5	761.5	17.70337	17.8	17.7
10/14/2016 05:34:19	16.67507	16.68483	16.66533	761.5	761.5	761.5	17.71683	17.9	17.7
10/14/2016 05:39:19	16.67408	16.69062	16.66533	761.5	761.5	761.5	17.72016	17.9	17.7
10/14/2016 05:44:19	16.67281	16.68483	16.66533	761.5	761.5	761.5	17.72018	17.8	17.6
10/14/2016 05:49:19	16.6733	16.68267	16.66135	761.5	761.5	761.5	17.7279	17.9	17.6
10/14/2016 05:54:19	16.6733	16.68267	16.66135	761.5	761.5	761.5	17.7279	17.9	17.6
10/14/2016 05:59:19	16.67451	16.69243	16.66135	761.5	761.5	761.5	17.74637	17.9	17.7
10/14/2016 06:04:19	16.67398	16.68664	16.65737	761.5	761.5	761.5	17.80537	17.9	17.7
10/14/2016 06:09:19	16.67228	16.68664	16.66135	761.5	761.5	761.5	17.85159	17.9	17.7
10/14/2016 06:14:19	16.67544	16.6942	16.65517	761.5848	761.6	761.5	17.93357	18.1	17.9
10/14/2016 06:19:19	16.67544	16.6942	16.65517	761.5848	761.6	761.5	17.93357	18.1	17.9
10/14/2016 06:24:19	16.67611	16.68802	16.65875	761.6758	761.7	761.6	18.03949	18.1	17.9
10/14/2016 06:29:19	16.67611	16.68802	16.65875	761.6758	761.7	761.6	18.03949	18.1	17.9
10/14/2016 06:34:19	16.6752	16.6916	16.66095	761.6534	761.7	761.6	18.07979	18.2	17.9
10/14/2016 06:39:19	16.6752	16.6916	16.66095	761.6534	761.7	761.6	18.07979	18.2	17.9
10/14/2016 06:44:19	16.6752	16.68624	16.66095	761.6	761.6	761.6	18.1067	18.2	18.1
10/14/2016 06:49:19	16.67681	16.70358	16.65696	761.5827	761.6	761.5	18.10454	18.2	17.9
10/14/2016 06:54:19	16.67583	16.69023	16.65915	761.5678	761.6	761.5	18.13494	18.2	18.1
10/14/2016 06:59:19	16.67288	16.6938	16.65517	761.6314	761.7	761.6	18.18185	18.3	18.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 07:04:19	16.67288	16.6938	16.65517	761.6314	761.7	761.6	18.18185	18.3	18.1
10/14/2016 07:09:19	16.67728	16.6938	16.65875	761.694	761.7	761.6	18.20671	18.3	18.1
10/14/2016 07:14:19	16.67381	16.69601	16.65875	761.604	761.7	761.6	18.23694	18.3	18.2
10/14/2016 07:19:19	16.67647	16.68802	16.65875	761.6678	761.7	761.6	18.24826	18.3	18.1
10/14/2016 07:24:19	16.67168	16.69023	16.66095	761.6091	761.7	761.6	18.25966	18.3	18.2
10/14/2016 07:29:19	16.67245	16.69601	16.65517	761.6	761.6	761.6	18.28655	18.3	18.2
10/14/2016 07:34:19	16.67505	16.68803	16.66095	761.6	761.6	761.6	18.29999	18.4	18.2
10/14/2016 07:39:19	16.67541	16.6978	16.65476	761.6506	761.7	761.6	18.29999	18.4	18.2
10/14/2016 07:44:19	16.67482	16.6916	16.65476	761.7	761.7	761.7	18.3235	18.4	18.3
10/14/2016 07:49:19	16.67346	16.70138	16.64499	761.7	761.7	761.7	18.35377	18.4	18.3
10/14/2016 07:54:19	16.67389	16.69339	16.65476	761.7761	761.9	761.7	18.37057	18.4	18.3
10/14/2016 07:59:19	16.67604	16.69697	16.66012	761.8718	761.9	761.8	18.38857	18.4	18.3
10/14/2016 08:04:19	16.67528	16.6828	16.66327	762.0717	762.1	762	18.39327	18.4	18.3
10/14/2016 08:09:19	16.67528	16.6828	16.66327	762.0717	762.1	762	18.39327	18.4	18.3
10/14/2016 08:14:19	16.67739	16.69834	16.66327	762.1	762.1	762.1	18.40334	18.5	18.4
10/14/2016 08:19:19	16.67284	16.69614	16.66107	762.196	762.2	762.1	18.43691	18.7	18.4
10/14/2016 08:24:19	16.67334	16.69793	16.65133	762.2476	762.3	762.2	18.47513	18.7	18.4
10/14/2016 08:29:19	16.6709	16.69215	16.66109	762.3	762.3	762.3	18.49582	18.7	18.4
10/14/2016 08:34:19	16.6709	16.69215	16.66109	762.3	762.3	762.3	18.49582	18.7	18.4
10/14/2016 08:39:19	16.67184	16.69793	16.66109	762.3	762.3	762.3	18.50606	18.7	18.4
10/14/2016 08:44:19	16.67271	16.69215	16.65133	762.3	762.3	762.3	18.53947	18.7	18.4
10/14/2016 08:49:19	16.67576	16.69215	16.65133	762.3	762.3	762.3	18.57524	18.7	18.4
10/14/2016 08:54:19	16.67509	16.69394	16.65887	762.304	762.4	762.3	18.602	18.7	18.4
10/14/2016 08:59:19	16.6754	16.69751	16.66244	762.402	762.5	762.4	18.70335	18.8	18.7
10/14/2016 09:04:19	16.6754	16.69751	16.66244	762.402	762.5	762.4	18.70335	18.8	18.7
10/14/2016 09:09:19	16.67424	16.69527	16.65441	762.4	762.4	762.4	18.71679	18.8	18.7
10/14/2016 09:14:19	16.67406	16.68774	16.65222	762.4496	762.5	762.4	18.77176	18.9	18.7
10/14/2016 09:19:19	16.67561	16.6949	16.66205	762.6597	762.7	762.5	18.8302	18.9	18.7
10/14/2016 09:24:19	16.67529	16.68692	16.65765	762.7939	762.8	762.7	18.94693	19.1	18.8
10/14/2016 09:29:19	16.67224	16.69981	16.65321	762.8708	762.9	762.8	19.05499	19.1	19
10/14/2016 09:34:19	16.6739	16.69003	16.6607	762.9	762.9	762.9	19.14958	19.3	19
10/14/2016 09:39:19	16.6739	16.69003	16.6607	762.9	762.9	762.9	19.14958	19.3	19
10/14/2016 09:44:19	16.67439	16.68601	16.65667	762.909	763	762.9	19.31136	19.4	19.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 09:49:19	16.67459	16.68783	16.66252	762.9819	763	762.9	19.40672	19.5	19.4
10/14/2016 09:54:19	16.67298	16.69184	16.66078	763	763	763	19.51338	19.6	19.4
10/14/2016 09:59:19	16.67351	16.70337	16.64125	763	763	763	19.58993	19.7	19.5
10/14/2016 10:04:19	16.67529	16.6976	16.65503	763	763	763	19.62351	19.7	19.5
10/14/2016 10:09:19	16.67636	16.69705	16.6447	763	763	763	19.71877	19.9	19.6
10/14/2016 10:14:19	16.67636	16.69705	16.6447	763	763	763	19.71877	19.9	19.6
10/14/2016 10:19:19	16.67585	16.70512	16.65044	763	763	763	19.95505	20.1	19.7
10/14/2016 10:24:19	16.67585	16.70512	16.65044	763	763	763	19.95505	20.1	19.7
10/14/2016 10:29:19	16.67631	16.69471	16.65789	763	763	763	20.13696	20.3	20.1
10/14/2016 10:34:19	16.67631	16.69471	16.65789	763	763	763	20.13696	20.3	20.1
10/14/2016 10:39:19	16.67487	16.69521	16.65603	762.9	762.9	762.9	20.30333	20.6	20.2
10/14/2016 10:44:19	16.67487	16.69521	16.65603	762.9	762.9	762.9	20.30333	20.6	20.2
10/14/2016 10:49:19	16.67596	16.6984	16.64601	762.7684	762.8	762.7	20.63152	20.7	20.5
10/14/2016 10:54:19	16.67596	16.6984	16.64601	762.7684	762.8	762.7	20.63152	20.7	20.5
10/14/2016 10:59:19	16.67509	16.70168	16.64985	762.7456	762.8	762.7	21.02147	21.2	20.8
10/14/2016 11:04:19	16.67319	16.68774	16.65501	762.799	762.8	762.7	21.20469	21.3	21.1
10/14/2016 11:09:19	16.67319	16.68774	16.65501	762.799	762.8	762.7	21.20469	21.3	21.1
10/14/2016 11:14:19	16.67578	16.68912	16.6531	762.7453	762.8	762.7	21.32349	21.4	21.2
10/14/2016 11:19:19	16.67529	16.689	16.66042	762.6573	762.7	762.6	21.54832	21.8	21.3
10/14/2016 11:24:19	16.67557	16.70264	16.65022	762.5909	762.6	762.5	22.18322	22.4	22
10/14/2016 11:29:19	16.67603	16.6912	16.65436	762.5849	762.6	762.5	22.45168	22.6	22.3
10/14/2016 11:34:19	16.67603	16.6912	16.65436	762.5849	762.6	762.5	22.45168	22.6	22.3
10/14/2016 11:39:19	16.67539	16.70683	16.64871	762.6996	762.9	762.5	22.97386	23.2	22.7
10/14/2016 11:44:19	16.67539	16.70683	16.64871	762.6996	762.9	762.5	22.97386	23.2	22.7
10/14/2016 11:49:19	16.6758	16.69919	16.64871	762.7638	762.9	762.5	23.10334	23.2	23
10/14/2016 11:54:19	16.67558	16.69912	16.65551	762.503	762.6	762.5	23.1188	23.2	23
10/14/2016 11:59:19	16.67558	16.69912	16.65551	762.503	762.6	762.5	23.1188	23.2	23
10/14/2016 12:04:19	16.67564	16.69912	16.65241	762.5144	762.6	762.4	23.35647	23.6	23.2
10/14/2016 12:09:18	16.67564	16.69912	16.65241	762.5144	762.6	762.4	23.35647	23.6	23.2
10/14/2016 12:14:19	16.67544	16.69718	16.65084	762.4279	762.6	762.4	23.47438	23.6	23.3
10/14/2016 12:19:19	16.67532	16.69302	16.65241	762.4714	762.5	762.4	23.54274	23.7	23.3
10/14/2016 12:24:19	16.67517	16.70547	16.65461	762.3397	762.4	762.1	23.55151	23.7	23.3
10/14/2016 12:29:19	16.67517	16.70547	16.65461	762.3397	762.4	762.1	23.55151	23.7	23.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 12:34:19	16.67544	16.697	16.6621	762.0586	762.2	762	23.64512	23.7	23.6
10/14/2016 12:39:19	16.67544	16.697	16.6621	762.0586	762.2	762	23.64512	23.7	23.6
10/14/2016 12:44:19	16.67369	16.6992	16.65815	762.1044	762.2	762	23.73167	23.8	23.7
10/14/2016 12:49:19	16.67324	16.69077	16.64977	762.0632	762.1	762	23.61449	23.7	23.5
10/14/2016 12:54:19	16.67726	16.70247	16.65793	761.9276	762	761.8	23.3435	23.6	23.2
10/14/2016 12:59:19	16.67726	16.70247	16.65793	761.9276	762	761.8	23.3435	23.6	23.2
10/14/2016 13:04:19	16.67507	16.69524	16.66322	761.732	761.8	761.7	23.45903	23.6	23.3
10/14/2016 13:09:19	16.67502	16.69174	16.65706	761.6562	761.7	761.6	23.6182	23.7	23.5
10/14/2016 13:14:19	16.67581	16.69394	16.66006	761.6	761.6	761.6	23.71823	23.8	23.6
10/14/2016 13:19:18	16.67581	16.69394	16.66006	761.6	761.6	761.6	23.71823	23.8	23.6
10/14/2016 13:24:18	16.67382	16.69615	16.65027	761.5828	761.7	761.5	23.86201	23.9	23.7
10/14/2016 13:29:19	16.6747	16.70336	16.65091	761.5557	761.6	761.4	23.82456	23.9	23.7
10/14/2016 13:34:18	16.6747	16.69044	16.65006	761.4141	761.5	761.4	23.84034	23.9	23.7
10/14/2016 13:39:19	16.67492	16.69066	16.64685	761.3111	761.4	761.3	24.10141	24.2	23.9
10/14/2016 13:44:19	16.67475	16.69016	16.64905	761.2512	761.3	761.2	24.22497	24.3	24.1
10/14/2016 13:49:19	16.67353	16.69163	16.65326	761.2111	761.3	761.2	24.31345	24.4	24.2
10/14/2016 13:54:18	16.67353	16.69163	16.65326	761.2111	761.3	761.2	24.31345	24.4	24.2
10/14/2016 13:59:19	16.67505	16.68968	16.66129	761.1279	761.2	761.1	24.65569	24.8	24.4
10/14/2016 14:04:18	16.67505	16.68968	16.66129	761.1279	761.2	761.1	24.65569	24.8	24.4
10/14/2016 14:09:19	16.6764	16.69536	16.65845	761.1131	761.2	761.1	24.78125	24.9	24.7
10/14/2016 14:14:19	16.67548	16.69248	16.65418	761.1	761.1	761.1	24.92834	25	24.9
10/14/2016 14:19:19	16.67606	16.69409	16.65136	760.9481	761.1	760.8	25.31817	25.4	25.1
10/14/2016 14:24:18	16.67606	16.69409	16.65136	760.9481	761.1	760.8	25.31817	25.4	25.1
10/14/2016 14:29:19	16.67677	16.69202	16.66145	760.7503	761	760.6	25.41538	25.6	25.3
10/14/2016 14:34:18	16.67643	16.6955	16.65636	760.6088	760.7	760.5	25.5596	25.7	25.4
10/14/2016 14:39:19	16.67546	16.68984	16.66069	760.538	760.6	760.5	25.6721	25.7	25.6
10/14/2016 14:44:18	16.67686	16.6955	16.65723	760.4919	760.5	760.4	25.92968	26.1	25.7
10/14/2016 14:49:19	16.67465	16.68984	16.64937	760.6371	760.7	760.4	26.12595	26.2	26
10/14/2016 14:54:19	16.67419	16.68578	16.65662	760.5672	760.6	760.5	25.98944	26.2	25.9
10/14/2016 14:59:19	16.67419	16.68578	16.65662	760.5672	760.6	760.5	25.98944	26.2	25.9
10/14/2016 15:04:19	16.67545	16.68869	16.6631	760.5031	760.6	760.5	25.67161	25.7	25.6
10/14/2016 15:09:18	16.67545	16.68869	16.6631	760.5031	760.6	760.5	25.67161	25.7	25.6
10/14/2016 15:14:19	16.67251	16.68799	16.64816	760.4438	760.6	760.4	25.44372	25.6	25.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 15:19:18	16.67251	16.68799	16.64816	760.4438	760.6	760.4	25.44372	25.6	25.4
10/14/2016 15:24:18	16.67309	16.69155	16.65889	760.506	760.6	760.5	25.38848	25.6	25.3
10/14/2016 15:29:19	16.67421	16.68868	16.66093	760.5232	760.6	760.4	24.99613	25.1	24.9
10/14/2016 15:34:19	16.67421	16.68868	16.66093	760.5232	760.6	760.4	24.99613	25.1	24.9
10/14/2016 15:39:19	16.67551	16.68943	16.66534	760.441	760.5	760.4	24.7861	24.9	24.7
10/14/2016 15:44:18	16.67551	16.68943	16.66534	760.441	760.5	760.4	24.7861	24.9	24.7
10/14/2016 15:49:18	16.67728	16.69309	16.66186	760.3335	760.4	760.2	24.69998	24.8	24.5
10/14/2016 15:54:19	16.6763	16.68961	16.6582	760.3856	760.5	760.2	24.69701	24.7	24.5
10/14/2016 15:59:19	16.6762	16.69954	16.66244	760.3163	760.4	760.2	24.38805	24.5	24.3
10/14/2016 16:04:18	16.6762	16.69954	16.66244	760.3163	760.4	760.2	24.38805	24.5	24.3
10/14/2016 16:09:18	16.67329	16.69238	16.65049	760.2593	760.4	760.1	24.3726	24.5	24.3
10/14/2016 16:14:19	16.6756	16.68889	16.65895	760.2581	760.3	760.1	24.30002	24.4	24.2
10/14/2016 16:19:18	16.67569	16.69881	16.65895	760.1531	760.3	760.1	24.24137	24.3	24.1
10/14/2016 16:24:18	16.67502	16.69605	16.65124	760.1322	760.3	760.1	24.24522	24.3	24.1
10/14/2016 16:29:18	16.6766	16.70599	16.64903	760.1598	760.3	760.1	24.28842	24.3	24.2
10/14/2016 16:34:19	16.67508	16.69311	16.65326	760.2592	760.3	760.1	24.17932	24.3	23.9
10/14/2016 16:39:19	16.67508	16.69311	16.65326	760.2592	760.3	760.1	24.17932	24.3	23.9
10/14/2016 16:44:18	16.6754	16.69732	16.64829	760.144	760.3	760.1	24.02977	24.1	23.9
10/14/2016 16:49:18	16.67253	16.69732	16.64679	760.2325	760.3	760.1	23.87676	24.1	23.7
10/14/2016 16:54:19	16.67635	16.70044	16.65868	760.2763	760.3	760.2	23.5763	23.8	23.3
10/14/2016 16:59:19	16.68088	16.69954	16.65782	760.1198	760.3	760.1	22.90215	23.2	22.7
10/14/2016 17:04:18	16.68088	16.69954	16.65782	760.1198	760.3	760.1	22.90215	23.2	22.7
10/14/2016 17:09:19	16.67712	16.68966	16.64859	760.1	760.1	760.1	22.58009	22.7	22.4
10/14/2016 17:14:18	16.67712	16.68966	16.64859	760.1	760.1	760.1	22.58009	22.7	22.4
10/14/2016 17:19:19	16.67421	16.69223	16.65118	760.1	760.1	760.1	22.39326	22.6	22.3
10/14/2016 17:24:18	16.67197	16.68809	16.65118	760.1	760.1	760.1	22.27099	22.4	22.1
10/14/2016 17:29:19	16.6716	16.69223	16.65118	760.1	760.1	760.1	22.08837	22.3	22
10/14/2016 17:34:18	16.67493	16.68903	16.65373	760.1	760.1	760.1	21.93642	22	21.8
10/14/2016 17:39:18	16.67342	16.69725	16.6505	760.1	760.1	760.1	21.70096	21.9	21.4
10/14/2016 17:44:18	16.67362	16.69395	16.66034	760.0879	760.1	760	21.38135	21.7	21.3
10/14/2016 17:49:18	16.67412	16.70379	16.65461	760.0869	760.1	760	21.22784	21.4	21.1
10/14/2016 17:54:18	16.67324	16.69041	16.66279	760.0198	760.1	760	20.99706	21.2	20.8
10/14/2016 17:59:18	16.67326	16.69449	16.65131	760.0323	760.1	760	20.73405	20.9	20.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 18:04:18	16.67259	16.69687	16.65538	760.0248	760.1	760	20.22629	20.5	20.1
10/14/2016 18:09:18	16.67259	16.69687	16.65538	760.0248	760.1	760	20.22629	20.5	20.1
10/14/2016 18:14:18	16.67308	16.69111	16.65371	760.0101	760.1	760	20.0145	20.1	19.7
10/14/2016 18:19:19	16.67492	16.69516	16.65606	760.0601	760.1	760	19.50614	19.6	19.4
10/14/2016 18:24:18	16.67492	16.69516	16.65606	760.0601	760.1	760	19.50614	19.6	19.4
10/14/2016 18:29:19	16.67657	16.69921	16.65606	760.0439	760.1	760	19.24412	19.4	19.1
10/14/2016 18:34:18	16.67642	16.69295	16.65606	760.0773	760.1	760	19.0413	19.1	19
10/14/2016 18:39:19	16.67652	16.69171	16.66231	760.0812	760.1	760	18.76483	18.8	18.7
10/14/2016 18:44:18	16.67652	16.69171	16.66231	760.0812	760.1	760	18.76483	18.8	18.7
10/14/2016 18:49:19	16.67603	16.69527	16.65606	760.101	760.2	760.1	18.43122	18.7	18.4
10/14/2016 18:54:18	16.67603	16.69527	16.65606	760.101	760.2	760.1	18.43122	18.7	18.4
10/14/2016 18:59:19	16.67326	16.69306	16.65386	760.192	760.2	760.1	18.26144	18.3	18.2
10/14/2016 19:04:18	16.67326	16.69306	16.65386	760.192	760.2	760.1	18.26144	18.3	18.2
10/14/2016 19:09:19	16.67404	16.70056	16.65386	760.2085	760.3	760.1	18.10671	18.2	17.9
10/14/2016 19:14:19	16.67419	16.6906	16.65131	760.1389	760.2	760.1	18.07648	18.2	17.9
10/14/2016 19:19:18	16.67419	16.6906	16.65131	760.1389	760.2	760.1	18.07648	18.2	17.9
10/14/2016 19:24:18	1.99691	16.69466	0	760.1769	760.2	760.1	18.08981	18.1	17.9
10/14/2016 19:29:18	0	0	0	760.196	760.2	760.1	18.09465	18.2	17.9
10/14/2016 19:34:19	0	0	0	760.201	760.3	760.2	18.10832	18.2	18.1
10/14/2016 19:39:18	0	0	0	760.201	760.3	760.2	18.10832	18.2	18.1
10/14/2016 19:44:18	0	0	0	760.26	760.4	760.2	18.03954	18.1	17.9
10/14/2016 19:49:18	0	0	0	760.26	760.4	760.2	18.03954	18.1	17.9
10/14/2016 19:54:18	0	0	0	760.3519	760.4	760.3	17.93559	18.1	17.9

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
22.65378	22.8	22.4	0	0	0	1.09074	1.39999	0.89999	24.00231	0	24.00027	2.2E+08
19.4613	22.6	19.1	0	0	0	0.54646	0.9	0.2	24.00231	0	24.00027	2.2E+08
19.38793	19.7	19.1	0	0	0	0.30672	0.8	0	24.00231	0	24.00027	2.2E+08
19.41005	19.6	19.1	0	0	0	0.22351	0.7	0	24.00231	0	24.00027	2.2E+08
19.41005	19.6	19.1	0	0	0	0.22351	0.7	0	24.00231	0	24.00027	2.2E+08
19.23624	19.6	19.1	0	0	0	0.11344	0.4	0	24.00231	0	24.00027	2.2E+08
19.40001	19.6	19.2	0	0	0	0.16648	0.4	0	24.00231	0	24.00027	2.2E+08
19.36982	19.7	19.1	0	0	0	0.13359	0.3	0	24.00231	0	24.00027	2.2E+08
19.31342	19.6	19	0	0	0	0.08055	0.3	0	24.00231	0	24.00027	2.2E+08
19.38057	19.6	19.2	0	0	0	0.10741	0.3	0	24.00231	0	24.00027	2.2E+08
19.49334	19.9	19.3	82.22213	139.676	0	0.14257	0.3	0	24.00231	0	24.00027	2.2E+08
19.81585	20	19.7	0	0	0	0.12354	0.29999	0	24.00231	0	24.00027	2.2E+08
19.68776	20	19.1	0	0	0	0.45134	1.19999	0	24.00231	0	24.00027	2.2E+08
19.41315	19.7	19.1	0	0	0	0.95418	1.19999	0.69999	24.00231	0	24.00027	2.2E+08
19.26323	19.6	19	0	0	0	1.19065	1.99999	0.99999	24.00231	0	24.00027	2.2E+08
19.25932	19.6	19	0	0	0	1.31487	1.99999	0.99999	24.00325	0	24.00027	2.2E+08
19.59778	19.7	19.4	5.50033	17.37291	0	1.82274	2.19999	1.69999	24.00325	0	24.00027	2.2E+08
19.70544	19.9	19.5	0	0	0	1.76557	2.19999	1.49999	24.00325	0	24.00027	2.2E+08
21.74186	22.1	19.7	0	0	0	2.25571	2.59999	1.59999	24.00325	0	24.00027	2.2E+08
21.74186	22.1	19.7	0	0	0	2.25571	3.39999	1.99999	0.01131	0	0.01194	2.2E+08
20.64742	21.8	20.1	0	0	0	3.00629	3.39999	1.99999	0.01131	0	0.01194	2.2E+08
20.09731	20.5	19.9	0	0	0	3.31879	3.59999	2.89999	0.01131	0	0.01194	2.2E+08
20.31945	20.5	20.1	0	0	0	2.87316	3.09999	2.59999	0.01131	0	0.01194	2.2E+08
20.33557	20.7	19.8	0	0	0	2.80402	3.4	2.3	0.01131	0	0.01194	2.2E+08
20.58726	20.7	20.4	0	0	0	2.37248	2.59999	2	0.01131	0	0.01194	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
20.31744	20.7	20	0	0	0	2.61544	2.89999	2.3	0.01131	0	0.01194	2.2E+08
20.31744	20.7	20	0	0	0	2.61544	2.89999	2.3	0.01131	0	0.01194	2.2E+08
20.29129	20.6	20	0	0	0	2.59125	2.99999	2.19999	0.01131	0	0.01194	2.2E+08
19.8478	20.4	19.7	0	0	0	2.93772	3.19999	2.49999	0.01131	0	0.01194	2.2E+08
19.77438	20	19.7	0	0	0	2.91215	3	2.69999	0.01131	0	0.01194	2.2E+08
19.68991	19.8	19.5	0	0	0	2.92254	3.19999	2.8	0.01131	0	0.01194	2.2E+08
19.55755	19.8	19.2	0	0	0	2.92122	3.3	2.59999	0.01131	0	0.01194	2.2E+08
19.3596	19.5	19.2	0	0	0	2.97641	3.19999	2.8	0.01131	0	0.01194	2.2E+08
19.50435	19.8	19.2	0	0	0	2.58013	2.89999	2.19999	0.01131	0	0.01194	2.2E+08
19.49397	19.7	19.4	0	0	0	2.48257	2.69999	2.19999	0.0709	0	0.07194	2.2E+08
19.72749	19.8	19.7	11.4983	13.854	0	2.0369	2.3	1.8	0.15429	0.02043	0.15527	2.2E+08
19.48114	19.7	19.2	13.77983	13.90941	13.60462	1.95621	2.19999	1.69999	0.23767	0.02042	0.23861	2.2E+08
19.34956	19.5	19.2	13.81399	13.90941	13.74317	1.92011	2.19999	1.69999	0.32105	0	0.32194	2.2E+08
19.58567	19.7	19.3	13.88144	13.93712	13.79858	1.34793	1.59999	1.19999	0.40443	0.00572	0.40555	2.2E+08
19.58567	19.7	19.3	13.88144	13.93712	13.79858	1.34793	1.59999	1.19999	0.48781	0.00571	0.48861	2.2E+08
19.66518	19.8	19.4	13.86884	13.93712	13.79858	1.08768	1.39999	0.9	0.57119	0	0.57222	2.2E+08
19.47638	19.7	19.4	13.88591	13.93712	13.79858	1.2428	1.39999	1	0.65456	0	0.65555	2.2E+08
19.22819	19.5	18.8	13.91675	13.99254	13.854	1.47182	1.9	1.19999	0.73794	0	0.73888	2.2E+08
19.22819	19.5	18.8	13.91675	13.99254	13.854	1.47182	1.9	1.19999	0.82132	0.05548	0.82194	2.2E+08
18.67198	18.8	18.5	13.89793	13.99254	13.82629	1.85376	2.09999	1.69999	0.9047	0.01451	0.90555	2.2E+08
18.67198	18.8	18.5	13.89793	13.99254	13.82629	1.85376	2.09999	1.69999	0.98807	0.02894	0.98861	2.2E+08
18.48201	18.6	18.3	13.91668	13.99254	13.854	1.80781	1.99999	1.69999	1.07144	0	1.07194	2.2E+08
18.17869	18.5	18.1	13.93008	13.99254	13.854	1.93366	1.99999	1.59999	1.15483	0.01266	1.15527	2.2E+08
18.08992	18.2	18	13.92059	13.99254	13.854	1.77201	1.99999	1.5	1.23821	0.02052	1.23861	2.2E+08
18.05953	18.1	18	13.93096	14.02024	13.854	1.56293	1.69999	1.39999	1.32159	0.03488	1.32194	2.2E+08
17.96973	18.1	17.7	13.93568	14.02024	13.854	1.43935	1.59999	1.09999	1.40496	0.04107	1.40527	2.2E+08
17.80141	18	17.7	13.93345	14.02024	13.82629	1.36617	1.59999	1.09999	1.48833	0.0062	1.48861	2.2E+08
17.60327	17.7	17.4	13.98024	14.10337	13.88171	1.21692	1.39999	1.09999	1.5717	0.03487	1.57222	2.2E+08
17.60327	17.7	17.4	13.98024	14.10337	13.88171	1.21692	1.39999	1.09999	1.65506	0.01427	1.65527	2.2E+08
17.46974	17.6	17.4	14.03487	14.10337	13.88171	1.19553	1.39999	0.89999	1.73843	0.0697	1.73861	2.2E+08
17.44611	17.5	17.1	14.05917	14.10337	13.99254	1.03829	1.3	0.89999	1.82181	0.0143	1.82194	2.2E+08
17.3563	17.5	17.1	14.06559	14.15879	13.99254	0.96287	1.29999	0.69999	1.90519	0.03486	1.90527	2.2E+08
17.39664	17.5	17.1	14.07708	14.13108	14.02024	0.82244	1.19999	0.59999	1.98858	0.03486	1.98888	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.33275	17.5	17.1	14.15095	14.24191	14.04795	0.61232	0.99999	0.39999	2.07196	0	2.07222	2.2E+08
17.33275	17.5	17.1	14.15095	14.24191	14.04795	0.61232	0.99999	0.39999	2.15535	0.00633	2.15527	2.2E+08
17.23491	17.4	17.1	14.1042	14.18649	14.02024	0.48863	0.79999	0.19999	2.23872	0.02057	2.23888	2.2E+08
17.23491	17.4	17.1	14.1042	14.18649	14.02024	0.48863	0.79999	0.19999	2.32207	0	2.32194	2.2E+08
17.18404	17.4	17	14.19908	14.35274	14.07566	0.42941	0.59999	0.19999	2.40543	0.06174	2.40555	2.2E+08
17.18404	17.4	17	14.19908	14.35274	14.07566	0.42941	0.59999	0.19999	2.48881	0.06965	2.48861	2.2E+08
17.20089	17.4	17.1	14.22376	14.32503	14.10337	0.40246	0.59999	0.09999	2.57219	0.04907	2.57194	2.2E+08
17.23469	17.4	17.1	14.24662	14.38045	14.13108	0.31115	0.49999	0	2.65559	0.03483	2.65527	2.2E+08
17.17534	17.4	17.1	14.28272	14.38045	14.15879	0.22915	0.49999	0	2.73898	0.02849	2.73861	2.2E+08
17.16411	17.4	17	14.28814	14.40816	14.18649	0.17758	0.29999	0	2.82235	0.02689	2.82222	2.2E+08
17.13694	17.4	17	14.17446	14.26961	14.07566	0.17642	0.29999	0	2.90572	0.00789	2.90555	2.2E+08
17.13694	17.4	17	14.17446	14.26961	14.07566	0.17642	0.29999	0	2.98909	0.0696	2.98861	2.2E+08
17.21433	17.4	17	14.14387	14.24191	14.04795	0.13934	0.3	0	3.07246	0.00638	3.07194	2.2E+08
17.32192	17.5	17.1	14.05187	14.10337	13.96483	0.20749	0.4	0	3.15584	0	3.15555	2.2E+08
17.14708	17.4	17	14.05972	14.13108	13.96483	0.12118	0.3	0	3.23923	0.05536	3.23888	2.2E+08
17.14708	17.4	17	14.05972	14.13108	13.96483	0.12118	0.3	0	3.32259	0.07737	3.32194	2.2E+08
17.08317	17.3	17	14.09544	14.18649	14.02024	0.1167	0.29999	0	3.40598	0	3.40527	2.2E+08
17.07643	17.3	17	14.08246	14.18649	13.99254	0.11109	0.2	0	3.48938	0.03477	3.48861	2.2E+08
17.12353	17.4	17	14.11708	14.2142	14.04795	0.0898	0.2	0	3.57276	0	3.57194	2.2E+08
17.05966	17.1	17	14.19543	14.29732	14.10337	0.06723	0.19999	0	3.65613	0	3.65555	2.2E+08
17.05966	17.1	17	14.19543	14.29732	14.10337	0.06723	0.19999	0	3.7395	0.01418	3.73861	2.2E+08
17.06636	17.3	17	14.18121	14.26961	14.13108	0.06725	0.2	0	3.82286	0	3.82194	2.2E+08
16.96845	17.1	16.8	14.20448	14.29732	14.13108	0.11807	0.3	0	3.90623	0	3.90527	2.2E+08
16.95732	17.1	16.8	14.30096	14.38045	14.2142	0.1091	0.3	0	3.98962	0.02704	3.98888	2.2E+08
16.95732	17.1	16.8	14.30096	14.38045	14.2142	0.1091	0.3	0	4.07301	0.04897	4.07194	2.2E+08
16.89884	17.1	16.8	14.33397	14.40816	14.24191	0.13816	0.3	0	4.15638	0	4.15555	2.2E+08
16.89884	17.1	16.8	14.33397	14.40816	14.24191	0.13816	0.3	0	4.23974	0.03475	4.23861	2.2E+08
16.92804	17	16.8	14.34012	14.40816	14.24191	0.11901	0.3	0	4.32311	0.02059	4.32194	2.2E+08
16.98318	17.1	16.8	14.29409	14.38045	14.18649	0.14793	0.4	0	4.40648	0.0206	4.40527	2.2E+08
16.93447	17.1	16.8	14.22497	14.29732	14.13108	0.14287	0.4	0	4.48985	0.00644	4.48888	2.2E+08
16.93447	17.1	16.8	14.22497	14.29732	14.13108	0.14287	0.4	0	4.57323	0.03476	4.57194	2.2E+08
16.93122	17.1	16.8	14.26403	14.35274	14.15879	0.20988	0.4	0	4.65661	0.02059	4.65555	2.2E+08
16.93122	17.1	16.8	14.26403	14.35274	14.15879	0.20988	0.4	0	4.73997	0.08379	4.73861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.01111	17.1	16.9	14.18513	14.35274	14.04795	0.22105	0.4	0	4.82334	0.04262	4.82194	2.2E+08
16.95627	17.1	16.8	14.17704	14.29732	14.07566	0.19913	0.4	0	4.9067	0.03476	4.90555	2.2E+08
16.95627	17.1	16.8	14.17704	14.29732	14.07566	0.19913	0.4	0	4.99007	0.02831	4.98861	2.2E+08
16.84033	17	16.7	14.27902	14.35274	14.15879	0.13698	0.3	0	5.07342	0.0206	5.07222	2.2E+08
16.84033	17	16.7	14.27902	14.35274	14.15879	0.13698	0.3	0	5.15677	0	5.15527	2.2E+08
16.70674	16.8	16.5	14.2611	14.35274	14.18649	0.07621	0.2	0	5.24012	0.0141	5.23888	2.2E+08
16.70674	16.8	16.5	14.2611	14.35274	14.18649	0.07621	0.2	0	5.32348	0.00653	5.32194	2.2E+08
16.62611	16.8	16.4	14.31521	14.40816	14.24191	0.10331	0.3	0	5.40683	0.02717	5.40555	2.2E+08
16.60556	16.7	16.4	14.31414	14.38045	14.2142	0.12681	0.3	0	5.49019	0.03472	5.48888	2.2E+08
16.60556	16.7	16.4	14.31414	14.38045	14.2142	0.12681	0.3	0	5.57356	0.02064	5.57194	2.2E+08
16.57055	16.7	16.4	14.33659	14.40816	14.26961	0.11344	0.19999	0	5.65695	0.03469	5.65527	2.2E+08
16.54408	16.7	16.4	14.36105	14.49128	14.29732	0.11681	0.3	0.09999	5.7403	0.04887	5.73888	2.2E+08
16.71345	16.8	16.5	14.3342	14.40816	14.24191	0.15041	0.3	0.09999	5.82366	0.09001	5.82194	2.2E+08
16.59543	16.8	16.4	14.33057	14.38045	14.26961	0.13358	0.3	0	5.90702	0.04125	5.90555	2.2E+08
16.59543	16.8	16.4	14.33057	14.38045	14.26961	0.13358	0.3	0	5.99037	0.03473	5.98861	2.2E+08
16.67651	16.8	16.5	14.30884	14.40816	14.24191	0.21942	0.4	0	6.07373	0	6.07222	2.2E+08
16.67651	16.8	16.5	14.30884	14.40816	14.24191	0.21942	0.4	0	6.15708	0.03472	6.15527	2.2E+08
16.62947	16.7	16.4	14.35574	14.40816	14.29732	0.18581	0.3	0	6.24045	0	6.23888	2.2E+08
16.62947	16.7	16.4	14.35574	14.40816	14.29732	0.18581	0.3	0	6.32383	0.03471	6.32194	2.2E+08
16.63149	16.8	16.5	14.37565	14.46357	14.29732	0.22478	0.4	0	6.40721	0.01437	6.40555	2.2E+08
16.63149	16.8	16.5	14.37565	14.46357	14.29732	0.22478	0.4	0	6.49059	0	6.48861	2.2E+08
16.62558	16.7	16.5	14.36069	14.46357	14.29732	0.23923	0.4	0	6.57398	0.06189	6.57194	2.2E+08
16.50334	16.7	16.4	14.38576	14.46357	14.29732	0.15608	0.4	0	6.65736	0.03471	6.65555	2.2E+08
16.50334	16.7	16.4	14.38576	14.46357	14.29732	0.15608	0.4	0	6.74074	0.05531	6.73861	2.2E+08
16.42611	16.7	16.3	14.3729	14.46357	14.29732	0.10025	0.4	0	6.82409	0.06317	6.82194	2.2E+08
16.40232	16.5	16.2	14.36872	14.43587	14.29732	0.10546	0.2	0	6.90745	0.01405	6.90527	2.2E+08
16.3491	16.5	16.2	14.36279	14.46357	14.29732	0.08779	0.2	0	6.99083	0.10402	6.98861	2.2E+08
16.23743	16.4	16.1	14.38911	14.49128	14.32503	0.09664	0.19999	0	7.0742	0.02683	7.07222	2.2E+08
16.23743	16.4	16.1	14.38911	14.49128	14.32503	0.09664	0.19999	0	7.15756	0.03465	7.15527	2.2E+08
16.24186	16.4	16.1	14.3584	14.46357	14.29732	0.11317	0.2	0	7.24093	0	7.23888	2.2E+08
16.19587	16.3	16.1	14.36305	14.43587	14.26961	0.11134	0.2	0	7.32431	0.02066	7.32194	2.2E+08
16.20797	16.3	16.1	14.36874	14.46357	14.29732	0.10208	0.3	0	7.40768	0.04872	7.40555	2.2E+08
16.20797	16.3	16.1	14.36874	14.46357	14.29732	0.10208	0.3	0	7.49105	0	7.48861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
16.19872	16.4	16.1	14.36734	14.46357	14.29732	0.12144	0.3	0	7.5744	0	7.57194	2.2E+08
16.19092	16.3	16.1	14.35841	14.40816	14.29732	0.11574	0.3	0	7.65775	0.06933	7.65527	2.2E+08
16.23024	16.4	16.2	14.3677	14.49128	14.29732	0.13356	0.4	0	7.74111	0.05533	7.73861	2.2E+08
16.25426	16.4	16.1	14.38954	14.46357	14.29732	0.17466	0.4	0	7.82448	0	7.82194	2.2E+08
16.25735	16.4	16.2	14.41919	14.51899	14.32503	0.19093	0.4	0.09999	7.90785	0.04251	7.90555	2.2E+08
16.25735	16.4	16.2	14.41919	14.51899	14.32503	0.19093	0.4	0.09999	7.99123	0.03465	7.98861	2.2E+08
16.15272	16.2	16.1	14.45844	14.5467	14.35274	0.09302	0.2	0	8.07459	0.02066	8.07222	2.2E+08
16.15272	16.2	16.1	14.45844	14.5467	14.35274	0.09302	0.2	0	8.15795	0.02066	8.15527	2.2E+08
16.11683	16.2	15.9	14.4619	14.5467	14.35274	0.0876	0.2	0	8.24135	0.04134	8.23861	2.2E+08
16.0933	16.2	15.9	14.48367	14.5467	14.40816	0.08658	0.2	0	8.32481	0.03464	8.32194	2.2E+08
16.13955	16.3	16.1	14.46433	14.5467	14.35274	0.1261	0.3	0	8.40826	0.04866	8.40555	2.2E+08
16.13955	16.3	16.1	14.46433	14.5467	14.35274	0.1261	0.3	0	8.49169	0	8.48861	2.2E+08
16.17313	16.3	16.1	14.46294	14.5467	14.38045	0.16306	0.5	0.1	8.57513	0.01403	8.57222	2.2E+08
16.1933	16.3	16.1	14.46793	14.51899	14.40816	0.24833	0.4	0.1	8.65855	0.01401	8.65555	2.2E+08
16.1933	16.3	16.1	14.46793	14.51899	14.40816	0.24833	0.5	0.1	8.74198	0	8.73861	2.2E+08
16.2587	16.4	16.2	14.4512	14.51899	14.35274	0.30805	0.6	0.2	8.82541	0.04868	8.82222	2.2E+08
16.2587	16.4	16.2	14.4512	14.51899	14.35274	0.30805	0.6	0.2	8.90884	0	8.90527	2.2E+08
16.25634	16.4	16.1	14.46162	14.51899	14.38045	0.32685	0.6	0.1	8.99228	0.01403	8.98861	2.2E+08
16.27955	16.4	16.2	14.47452	14.5467	14.38045	0.33996	0.5	0.2	9.07571	0.01399	9.07194	2.2E+08
16.21341	16.4	16.1	14.49742	14.57441	14.43587	0.26041	0.4	0.1	9.15915	0.00669	9.15527	2.2E+08
16.10849	16.2	15.8	14.50599	14.60211	14.43587	0.18597	0.4	0	9.2426	0.06201	9.23861	2.2E+08
15.89733	16.1	15.8	14.51975	14.60211	14.46357	0.09898	0.3	0	9.32603	0.01393	9.32222	2.2E+08
15.89733	16.1	15.8	14.51975	14.60211	14.46357	0.09898	0.3	0	9.40946	0.02068	9.40527	2.2E+08
15.79665	15.9	15.7	14.43985	14.51899	14.32503	0.06946	0.29999	0	9.49288	0.03462	9.48888	2.2E+08
15.80334	16.1	15.7	14.44135	14.51899	14.35274	0.04027	0.3	0	9.57635	0	9.57222	2.2E+08
15.80334	16.1	15.7	14.44135	14.51899	14.35274	0.04027	0.3	0	9.65979	0.02851	9.65527	2.2E+08
15.8268	16.1	15.7	14.46125	14.5467	14.35274	0.06379	0.3	0	9.74324	0	9.73888	2.2E+08
15.83021	16.1	15.7	14.47566	14.5467	14.40816	0.05369	0.3	0	9.82669	0.02068	9.82222	2.2E+08
15.83021	16.1	15.7	14.47566	14.5467	14.40816	0.05369	0.3	0	9.91014	0.02067	9.90527	2.2E+08
15.76947	15.8	15.7	14.48067	14.5467	14.40816	0.03725	0.1	0	9.99356	0.04853	9.98861	2.2E+08
15.74059	15.8	15.7	14.49555	14.5467	14.43587	0.05604	0.09999	0	10.07703	0	10.07194	2.2E+08
15.99601	16.1	15.8	14.46134	14.5467	14.32503	0.19938	0.4	0	10.16044	0.07602	10.15555	2.2E+08
15.99601	16.1	15.8	14.46134	14.5467	14.32503	0.19938	0.4	0	10.2439	0.02065	10.23861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.12047	16.2	15.9	14.49865	14.57441	14.40816	0.29697	0.4	0.1	10.32736	0.05531	10.32194	2.2E+08
16.1597	16.2	16.1	14.49611	14.60211	14.40816	0.22147	0.4	0.1	10.41081	0.01401	10.40527	2.2E+08
16.15939	16.2	16.1	14.58182	14.68524	14.40816	0.13559	0.2	0	10.49425	0	10.48861	2.2E+08
16.17417	16.3	16.1	14.59402	14.68524	14.49128	0.08087	0.2	0	10.5777	0	10.57194	2.2E+08
16.43588	16.5	16.3	14.54938	14.65753	14.40816	0.06272	0.2	0	10.66116	0.02064	10.65555	2.2E+08
16.43588	16.5	16.3	14.54938	14.65753	14.40816	0.06272	0.3	0	10.74459	0.0347	10.73888	2.2E+08
16.44916	16.7	16.3	14.53776	14.68524	14.35274	0.17915	0.4	0	10.82804	0.02063	10.82222	2.2E+08
16.44916	16.7	16.3	14.53776	14.68524	14.35274	0.17915	0.5	0.19999	10.91149	0.02064	10.90555	2.2E+08
16.3798	16.5	16.2	14.63374	14.71294	14.5467	0.30472	0.8	0.19999	10.99495	0.03471	10.98888	2.2E+08
16.39326	16.5	16.2	14.63029	14.68524	14.51899	0.4084	0.8	0.19999	11.07839	0.06941	11.07194	2.2E+08
16.3809	16.7	16.2	14.6148	14.68524	14.51899	0.61034	0.8	0.3	11.16182	0.06941	11.15527	2.2E+08
16.41952	16.7	16.2	14.61017	14.68524	14.51899	0.64482	0.9	0.3	11.24524	0.04125	11.23861	2.2E+08
16.45625	16.7	16.4	14.66684	14.74065	14.57441	0.72153	0.89999	0.4	11.32867	0.01408	11.32222	2.2E+08
16.45625	16.7	16.4	14.66684	14.74065	14.57441	0.72153	0.89999	0.4	11.4121	0.00652	11.40527	2.2E+08
16.59161	16.7	16.4	14.64739	14.71294	14.57441	0.70973	1.09999	0.5	11.49552	0.00651	11.48888	2.2E+08
16.59161	16.7	16.4	14.64739	14.71294	14.57441	0.70973	1.09999	0.5	11.57891	0.00651	11.57194	2.2E+08
16.61178	16.8	16.5	14.65139	14.74065	14.57441	0.82021	1.09999	0.59999	11.66232	0.0282	11.65555	2.2E+08
16.61178	16.8	16.5	14.65139	14.74065	14.57441	0.82021	1.09999	0.59999	11.74573	0.10414	11.73861	2.2E+08
16.4731	16.7	16.4	14.64276	14.71294	14.51899	1.08988	1.19999	0.79999	11.82915	0.02063	11.82222	2.2E+08
16.4731	16.7	16.4	14.64276	14.71294	14.51899	1.08988	1.19999	0.79999	11.91258	0.04125	11.90527	2.2E+08
16.57068	16.7	16.4	14.5854	14.68524	14.49128	1.00201	1.3	0.59999	11.99603	0.06941	11.98861	2.2E+08
16.62126	16.7	16.4	14.53991	14.65753	14.46357	0.96618	1.19999	0.59999	12.07946	0.06944	12.07222	2.2E+08
16.64555	16.8	16.4	14.54797	14.65753	14.43587	0.93227	1.19999	0.59999	12.16288	0.06944	12.15527	2.2E+08
16.70253	16.8	16.5	14.51163	14.62982	14.40816	0.90757	1.19999	0.8	12.24631	0.03471	12.23861	2.2E+08
16.67241	16.8	16.5	14.48834	14.5467	14.40816	0.9444	1.19999	0.8	12.32974	0.03471	12.32194	2.2E+08
16.70608	16.8	16.5	14.49283	14.62982	14.38045	0.93631	1.19999	0.8	12.41317	0.01412	12.40555	2.2E+08
16.70608	16.8	16.5	14.49283	14.62982	14.38045	0.93631	1.19999	0.8	12.4966	0.0206	12.48861	2.2E+08
16.67309	16.8	16.5	14.47933	14.57441	14.38045	0.95045	1.19999	0.8	12.58002	0.0206	12.57222	2.2E+08
16.7202	16.8	16.5	14.49257	14.62982	14.38045	0.90713	1.19999	0.8	12.66347	0.03476	12.65527	2.2E+08
16.7576	16.9	16.7	14.50308	14.60211	14.38045	0.8915	1	0.69999	12.74691	0.03473	12.73861	2.2E+08
16.7899	17	16.7	14.43573	14.5467	14.35274	0.86729	1	0.59999	12.83036	0.03473	12.82194	2.2E+08
16.81386	16.9	16.8	14.40659	14.51899	14.32503	0.8471	0.9	0.69999	12.9138	0.03475	12.90527	2.2E+08
16.82176	17	16.7	14.41291	14.51899	14.29732	0.8576	1	0.69999	12.99724	0.06948	12.98861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
16.79529	16.9	16.7	14.41097	14.49128	14.32503	0.89462	1	0.69999	13.08069	0	13.07222	2.2E+08
16.79529	16.9	16.7	14.41097	14.49128	14.32503	0.89462	1	0.69999	13.16413	0.0206	13.15527	2.2E+08
16.76638	16.8	16.7	14.43367	14.51899	14.35274	0.9298	1.09999	0.8	13.24757	0.05532	13.23861	2.2E+08
16.76932	16.8	16.7	14.41441	14.51899	14.32503	0.91857	1	0.69999	13.33101	0.03473	13.32222	2.2E+08
16.77737	17	16.7	14.40003	14.46357	14.32503	0.9058	1	0.69999	13.41446	0.03473	13.40527	2.2E+08
16.66974	16.8	16.5	14.47147	14.57441	14.40816	0.98946	1.19999	0.8	13.4979	0.05534	13.48888	2.2E+08
16.66974	16.8	16.5	14.47147	14.57441	14.40816	0.98946	1.19999	0.8	13.58134	0	13.57194	2.2E+08
16.55942	16.7	16.4	14.44456	14.60211	14.35274	1.06275	1.3	0.9	13.66477	0.04125	13.65555	2.2E+08
16.55942	16.7	16.4	14.44456	14.60211	14.35274	1.06275	1.3	0.9	13.74822	0.00784	13.73861	2.2E+08
16.54107	16.7	16.4	14.4986	14.60211	14.43587	1.07237	1.3	0.8	13.83163	0.08345	13.82222	2.2E+08
16.49615	16.7	16.4	14.50577	14.60211	14.38045	1.10046	1.3	0.9	13.91506	0.02064	13.90527	2.2E+08
16.52824	16.7	16.4	14.51527	14.62982	14.40816	1.01794	1.19999	0.59999	13.9985	0.02816	13.98888	2.2E+08
16.52824	16.7	16.4	14.51527	14.62982	14.40816	1.01794	1.19999	0.59999	14.08194	0	14.07194	2.2E+08
16.60179	16.7	16.4	14.3994	14.51899	14.32503	0.90268	1.19999	0.59999	14.16538	0.07597	14.15527	2.2E+08
16.60851	16.7	16.4	14.37775	14.46357	14.29732	0.69483	0.89999	0.59999	14.24883	0.03471	14.23888	2.2E+08
16.60851	16.7	16.4	14.37775	14.46357	14.29732	0.69483	0.89999	0.59999	14.33232	0	14.32194	2.2E+08
16.82527	17	16.7	14.36031	14.40816	14.29732	0.4824	0.8	0.29999	14.41579	0.0206	14.40555	2.2E+08
16.82527	17	16.7	14.36031	14.40816	14.29732	0.4824	0.8	0.29999	14.49924	0.03477	14.48861	2.2E+08
17.00134	17.1	16.8	14.3781	14.51899	14.32503	0.38477	0.69999	0.19999	14.5827	0	14.57194	2.2E+08
17.13023	17.4	17	14.35975	14.43587	14.26961	0.47507	0.69999	0.3	14.66613	0.03476	14.65555	2.2E+08
17.21954	17.5	17.1	14.34514	14.43587	14.24191	0.5789	0.79999	0.3	14.74957	0.01422	14.73888	2.2E+08
17.21954	17.5	17.1	14.34514	14.43587	14.24191	0.5789	0.8	0.39999	14.833	0.02849	14.82222	2.2E+08
17.43278	17.6	17.3	14.33919	14.40816	14.24191	0.58254	0.8	0.39999	14.91644	0.0142	14.90527	2.2E+08
17.54082	17.7	17.4	14.31005	14.40816	14.18649	0.88119	1.19999	0.69999	14.99988	0.05537	14.98888	2.2E+08
17.56972	17.7	17.5	14.28819	14.38045	14.18649	1.16083	1.29999	0.89999	15.08332	0.02056	15.07222	2.2E+08
17.56972	17.7	17.5	14.28819	14.38045	14.18649	1.16083	1.29999	0.89999	15.16675	0.02696	15.15527	2.2E+08
17.68356	18	17.4	14.28843	14.38045	14.2142	1.36164	1.59999	0.99999	15.25019	0.00623	15.23888	2.2E+08
17.68356	18	17.4	14.28843	14.38045	14.2142	1.36164	1.59999	0.99999	15.33361	0	15.32222	2.2E+08
17.98403	18.1	17.7	14.27944	14.38045	14.18649	1.29294	1.59999	0.99999	15.41703	0.03487	15.40527	2.2E+08
17.93406	18.1	17.7	14.24188	14.38045	14.15879	1.49331	1.8	1.29999	15.50045	0.03483	15.48861	2.2E+08
17.82164	18	17.6	14.21422	14.29732	14.15879	1.86155	2.19999	1.59999	15.58388	0.09021	15.57222	2.2E+08
17.84942	18	17.7	14.14558	14.24191	14.04795	1.94233	2.3	1.69999	15.66731	0.03484	15.65555	2.2E+08
17.84942	18	17.7	14.14558	14.24191	14.04795	1.94233	2.3	1.69999	15.75076	0	15.73861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.69661	18	17.5	14.21818	14.26961	14.15879	2.33027	2.59999	1.99999	15.83419	0.02055	15.82222	2.2E+08
17.69661	18	17.5	14.21818	14.26961	14.15879	2.33027	2.59999	1.99999	15.91762	0	15.90527	2.2E+08
17.64622	17.9	17.5	14.20012	14.26961	14.02024	2.40135	2.59999	2.19999	16.00107	0.02055	15.98861	2.2E+08
17.5703	17.7	17.4	14.18384	14.26961	14.10337	2.49074	2.59999	2.3	16.08452	0.0348	16.07222	2.2E+08
17.5703	17.7	17.4	14.18384	14.26961	14.10337	2.49074	2.59999	2.3	16.16793	0.03481	16.15527	2.2E+08
17.95086	18.1	17.7	14.17029	14.26961	14.07566	2.07938	2.3	1.89999	16.25134	0.04922	16.23889	2.2E+08
17.95086	18.1	17.7	14.17029	14.26961	14.07566	2.07938	2.3	1.89999	16.33476	0.03483	16.32194	2.2E+08
18.03046	18.3	17.7	14.05661	14.15879	13.93712	1.99642	2.4	1.69999	16.41809	0.04917	16.40555	2.2E+08
18.20417	18.6	18	14.03031	14.13108	13.90941	1.81934	1.99999	1.39999	16.50129	0.04099	16.48889	2.2E+08
18.63359	18.7	18.5	13.98147	14.10337	13.90941	1.43751	1.59999	1.3	16.5845	0.03489	16.57222	2.2E+08
18.63359	18.7	18.5	13.98147	14.10337	13.90941	1.43751	1.59999	1.3	16.66771	0.06994	16.65527	2.2E+08
18.84848	19.2	18.6	13.94477	14.04795	13.82629	1.33267	1.59999	1	16.75091	0	16.73861	2.2E+08
19.25654	19.4	19.1	14.04313	14.26961	13.88171	1.09353	1.49999	0.8	16.83412	0.07014	16.82194	2.2E+08
20.34674	20.7	19.9	14.25471	14.35274	14.18649	0.67106	0.99999	0.39999	16.91732	0	16.90555	2.2E+08
20.34674	20.7	19.9	14.25471	14.35274	14.18649	0.67106	0.99999	0.39999	17.00052	0.02039	16.98861	2.2E+08
20.22517	20.5	20	14.41846	14.62982	14.26961	1.16435	2.3	1.69999	17.08372	0	17.07222	2.2E+08
19.83088	20	19.7	14.61242	14.79607	14.46357	2.02199	2.3	1.69999	17.16693	0	17.15527	2.2E+08
19.83192	20.1	19.7	14.72764	14.87919	14.60211	2.37918	2.59999	2.09999	17.25013	0.00577	17.23861	2.2E+08
19.79978	20.1	19.4	14.91435	14.99002	14.82378	3.07664	3.3	2.79999	17.33334	0.02039	17.32222	2.2E+08
19.79978	20.1	19.4	14.91435	14.99002	14.82378	3.07664	3.3	2.79999	17.41654	0.0204	17.40527	2.2E+08
19.97524	20.3	19.7	14.88047	14.99002	14.79607	3.21133	3.5	2.8	17.49974	0.01466	17.48889	2.2E+08
19.97524	20.3	19.7	14.88047	14.99002	14.79607	3.21133	3.5	2.8	17.58295	0.04079	17.57194	2.2E+08
20.16251	20.5	19.8	14.79341	14.9069	14.65753	3.00723	3.4	2.59999	17.66615	0.04079	17.65527	2.2E+08
20.05299	20.4	19.7	14.64272	14.85149	14.49128	2.97984	3.4	2.59999	17.74936	0.03505	17.73889	2.2E+08
20.05299	20.4	19.7	14.64272	14.85149	14.49128	2.97984	3.09999	2.49999	17.83256	0.02035	17.82194	2.2E+08
20.31814	20.5	20	14.59616	14.71294	14.51899	2.73816	3.09999	2.49999	17.91576	0.04291	17.90527	2.2E+08
20.46149	20.7	20	14.61672	14.71294	14.5467	2.68946	3.19999	2.4	17.99897	0	17.98861	2.2E+08
20.32298	20.7	19.8	14.71272	14.85149	14.60211	2.89716	3.49999	2.5	18.08217	0.03512	18.07194	2.2E+08
20.5403	20.7	20.4	14.65988	14.76836	14.57441	2.77311	3.09999	2.59999	18.16537	0.03512	18.15555	2.2E+08
20.5403	20.7	20.4	14.65988	14.76836	14.57441	2.77311	3.09999	2.59999	18.24858	0	18.23861	2.2E+08
20.26619	20.5	20	14.6949	14.79607	14.5467	3.12845	3.39999	2.79999	18.33178	0.05548	18.32222	2.2E+08
20.26619	20.5	20	14.6949	14.79607	14.5467	3.12845	3.39999	2.79999	18.41499	0	18.40527	2.2E+08
20.83543	21.3	20.3	14.58647	14.65753	14.49128	2.50153	3.09999	1.99999	18.49819	0.04069	18.48861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
20.96611	21.3	20.5	14.60111	14.68524	14.5467	2.57078	3.3	2.69999	18.58139	0.00782	18.57222	2.2E+08
20.53603	20.9	20.3	14.72616	14.85149	14.62982	3.09417	3.3	2.69999	18.6646	0.00937	18.65527	2.2E+08
21.21881	21.5	21	14.70779	14.87919	14.5467	2.50533	2.69999	2.19999	18.7478	0.04058	18.73889	2.2E+08
21.07289	21.5	20.7	14.77864	14.93461	14.65753	2.77474	3.09999	2.39999	18.831	0.03524	18.82222	2.2E+08
21.07289	21.5	20.7	14.77864	14.93461	14.65753	2.77474	3.09999	2.39999	18.91421	0.02028	18.90527	2.2E+08
21.27842	21.7	21	14.83527	14.93461	14.68524	2.84563	3.19999	2.39999	18.99741	0.02027	18.98889	2.2E+08
21.27842	21.7	21	14.83527	14.93461	14.68524	2.84563	3.19999	2.39999	19.08062	0.02028	19.07194	2.2E+08
21.38037	21.7	21.1	14.83483	14.99002	14.71294	2.82833	3.19999	2.5	19.16382	0.05624	19.15527	2.2E+08
21.30584	21.8	21	14.8841	14.96231	14.76836	2.98606	3.09999	2.59999	19.24702	0.02026	19.23861	2.2E+08
21.73559	21.9	21.6	14.90644	14.96231	14.79607	2.73215	3	2.59999	19.33022	0.02291	19.32222	2.2E+08
21.73559	21.9	21.6	14.90644	14.96231	14.79607	2.73215	3	2.59999	19.41343	0.01503	19.40527	2.2E+08
21.6939	22.1	21.5	14.95745	15.12857	14.85149	2.97526	3.19999	2.39999	19.49664	0.03011	19.48861	2.2E+08
21.96119	22.3	21.6	14.96794	15.15627	14.87919	2.85423	3.19999	2.4	19.57984	0.02026	19.57194	2.2E+08
21.8168	22.1	21.5	15.07964	15.23939	14.96231	3.09326	3.39999	2.79999	19.66304	0.05032	19.65527	2.2E+08
21.47504	21.9	21	15.08347	15.23939	14.99002	3.44176	3.89999	2.99999	19.74624	0.00529	19.73889	2.2E+08
21.47504	21.9	21	15.08347	15.23939	14.99002	3.44176	3.89999	2.99999	19.82945	0.01517	19.82194	2.2E+08
21.7717	22.4	21.2	15.00549	15.15627	14.87919	3.01016	3.69999	2.39999	19.91265	0.07069	19.90527	2.2E+08
22.13438	22.5	21.8	14.94683	15.12857	14.85149	2.66962	3.09999	2.29999	19.99585	0	19.98861	2.2E+08
22.25841	22.4	22.1	15.16974	15.2671	15.01773	2.74359	2.99999	2.49999	20.07906	0	20.07222	2.2E+08
21.94371	22.3	21.7	15.22366	15.29481	15.12857	3.20661	3.59999	2.8	20.16226	0.02025	20.15555	2.2E+08
21.97315	22.2	21.7	15.22909	15.29481	15.12857	3.147	3.49999	2.89999	20.24546	0.07076	20.23889	2.2E+08
21.97315	22.2	21.7	15.22909	15.29481	15.12857	3.147	3.49999	2.89999	20.32867	0.07586	20.32194	2.2E+08
22.00668	22.4	21.7	15.21848	15.2671	15.12857	3.1101	3.49999	2.3	20.41187	0.03548	20.40527	2.2E+08
22.32211	22.9	21.8	15.22414	15.2671	15.15627	2.84634	3.49999	2.3	20.49507	0.01237	20.48861	2.2E+08
22.54169	23.1	22.1	15.21039	15.29481	15.04544	2.74888	3.19999	2.19999	20.57828	0.03073	20.57194	2.2E+08
23.37259	23.7	22.7	15.2616	15.48877	15.15627	2.27103	3.09999	1.9	20.66148	0.0153	20.65555	2.2E+08
23.37259	23.7	22.7	15.2616	15.48877	15.15627	2.27103	3.09999	1.9	20.74468	0.01528	20.73861	2.2E+08
22.62148	23	22.2	15.49677	15.62731	15.29481	3.30604	3.8	2.89999	20.82788	0.01523	20.82194	2.2E+08
22.77184	23	22.3	15.41458	15.5719	15.18398	3.15364	3.59999	2.69999	20.91109	0.0153	20.90527	2.2E+08
22.55365	23	22.2	15.40703	15.5719	15.23939	3.19736	3.69999	2.69999	20.99429	0	20.98861	2.2E+08
22.82008	23.1	22.4	15.33569	15.51648	15.18398	2.86452	3.3	2.49999	21.0775	0	21.07194	2.2E+08
22.21701	22.8	21.7	15.49719	15.5996	15.35023	3.59405	4	3.49999	21.1607	0	21.15527	2.2E+08
21.69329	21.8	21.6	15.48801	15.5996	15.35023	3.81266	4	3.49999	21.2439	0	21.23861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
21.70059	22.1	21.3	15.30311	15.48877	15.18398	3.0196	3.4	2.59999	21.32711	0.05835	21.32222	2.2E+08
21.70059	22.1	21.3	15.30311	15.48877	15.18398	3.0196	3.4	2.59999	21.41031	0.04059	21.40527	2.2E+08
21.30094	21.8	21.1	15.276	15.37793	15.18398	3.25213	3.39999	2.49999	21.49352	0.05047	21.48861	2.2E+08
21.31533	21.8	21	15.29704	15.40564	15.21169	2.98298	3.39999	2.49999	21.57672	0.03034	21.57194	2.2E+08
21.96866	22.2	21.7	15.26729	15.37793	15.18398	2.39765	2.59999	2.19999	21.65993	0.04049	21.65555	2.2E+08
21.96866	22.2	21.7	15.26729	15.37793	15.18398	2.39765	2.59999	2.19999	21.74313	0.02023	21.73861	2.2E+08
21.96388	22.3	21.8	15.43064	15.54419	15.2671	2.81761	3.09999	2.4	21.82633	0.04323	21.82222	2.2E+08
21.96388	22.3	21.8	15.43064	15.54419	15.2671	2.81761	3.09999	2.4	21.90954	0.03536	21.90527	2.2E+08
21.53485	21.7	21.1	15.49979	15.5719	15.35023	3.35601	3.69999	3.19999	21.99274	0.0406	21.98889	2.2E+08
21.18919	21.5	21.1	15.46554	15.5719	15.29481	3.52929	3.69999	3.19999	22.07595	0	22.07222	2.2E+08
21.05625	21.2	21	15.37867	15.51648	15.2671	3.33123	3.59999	3.19999	22.15915	0.03531	22.15555	2.2E+08
21.05625	21.2	21	15.37867	15.51648	15.2671	3.33123	3.59999	3.19999	22.24235	0.00717	22.23861	2.2E+08
21.29688	21.5	21.1	15.21012	15.2671	15.12857	2.92742	3.19999	2.69999	22.32556	0.03003	22.32222	2.2E+08
21.29688	21.5	21.1	15.21012	15.2671	15.12857	2.92742	3.19999	2.69999	22.40876	0.00957	22.40527	2.2E+08
20.99275	21.1	20.7	15.2432	15.32252	15.18398	3.17982	3.5	2.99999	22.49196	0.05559	22.48861	2.2E+08
20.55787	20.7	20.4	15.27292	15.40564	15.18398	3.28682	3.59999	3	22.57517	0	22.57194	2.2E+08
20.70933	21	20.5	15.1904	15.29481	15.07315	2.90076	3.09999	2.59999	22.65838	0.03523	22.65555	2.2E+08
20.70933	21	20.5	15.1904	15.29481	15.07315	2.90076	3.09999	2.59999	22.74158	0.02034	22.73861	2.2E+08
20.61273	20.7	20.5	15.2293	15.29481	15.15627	2.9906	3.3	2.9	22.82478	0	22.82222	2.2E+08
20.53441	20.7	20.4	15.24237	15.40564	15.15627	3.09663	3.3	2.9	22.90799	0	22.90527	2.2E+08
20.6142	20.9	20.5	15.27117	15.37793	15.21169	3.00766	3.19999	2.69999	22.99119	0.01499	22.98861	2.2E+08
20.89741	21	20.7	15.25554	15.35023	15.18398	2.72277	3	2.59999	23.0744	0.03529	23.07194	2.2E+08
21.01343	21.1	20.9	15.28531	15.40564	15.18398	2.66469	2.8	2.49999	23.15761	0	23.15527	2.2E+08
20.80102	21	20.5	15.37551	15.48877	15.23939	2.88551	3.19999	2.59999	23.24081	0	23.23861	2.2E+08
20.41777	20.6	20.1	15.34122	15.46106	15.18398	3.1411	3.3	2.99999	23.32401	0.07681	23.32222	2.2E+08
20.25385	20.5	20	15.26701	15.40564	15.18398	3.02516	3.29999	2.69999	23.40722	0.05	23.40555	2.2E+08
20.16788	20.4	20	15.18939	15.32252	15.04544	2.96408	3.19999	2.59999	23.49042	0.07044	23.48889	2.2E+08
20.16788	20.4	20	15.18939	15.32252	15.04544	2.96408	3.19999	2.59999	23.57362	0	23.57194	2.2E+08
20.43289	20.5	20.3	15.08393	15.12857	15.01773	2.38307	2.59999	2.19999	23.65683	0.01488	23.65555	2.2E+08
20.43289	20.5	20.3	15.08393	15.12857	15.01773	2.38307	2.59999	2.19999	23.74003	0.07039	23.73861	2.2E+08
19.88225	20	19.7	15.12137	15.23939	15.01773	2.6942	2.9	2.39999	23.82323	0.03522	23.82222	2.2E+08
19.88225	20	19.7	15.12137	15.23939	15.01773	2.6942	2.9	2.39999	23.90643	0.0352	23.90527	2.2E+08
19.99327	20.1	19.9	15.04228	15.12857	14.99002	2.25814	2.59999	1.89999	23.98964	0.07601	23.98861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.96138	20.1	19.8	14.90184	15.10086	14.74065	1.73963	1.79999	1.29999	24.00191	0	24	2.2E+08
19.79382	20	19.5	1.73223	14.85149	0	1.52933	1.79999	1.29999	24.00191	0	24	2.2E+08
19.53617	19.8	19.2	0	0	0	1.7201	2.09999	1.4	24.00191	0	24	2.2E+08
19.53617	19.8	19.2	0	0	0	1.7201	2.09999	1.4	24.00191	0	24	2.2E+08
19.34204	19.4	19.2	0	0	0	1.87229	2	1.8	24.00191	0	24	2.2E+08
19.27486	19.4	19.1	0	0	0	1.88232	2.09999	1.69999	24.00191	0	24	2.2E+08
19.00759	19.1	18.8	0	0	0	1.9353	2.19999	1.69999	24.00191	0	24	2.2E+08
18.9924	19.1	18.8	0	0	0	1.80341	1.99999	1.59999	24.00191	0	24	2.2E+08
18.80423	19.1	18.7	0	0	0	1.89913	2	1.59999	24.00191	0	24	2.2E+08
18.69663	18.7	18.6	0	0	0	1.91848	2	1.8	24.00191	0	24	2.2E+08
18.69663	18.7	18.6	0	0	0	1.91848	2	1.8	24.00191	0	24	2.2E+08
18.68655	18.7	18.6	0	0	0	1.77988	1.8	1.5	24.00191	0	24	2.2E+08
18.66891	18.7	18.6	0	0	0	1.62353	1.8	1.5	24.00191	0	24	2.2E+08
18.64116	18.7	18.6	0	0	0	1.51095	1.8	1.4	24.00191	0	24	2.2E+08
18.47482	18.7	18.3	0	0	0	1.57728	1.69999	1.19999	24.00191	0	24	2.2E+08
18.31007	18.5	18.1	0	0	0	1.31682	1.69999	0.99999	24.00191	0	24	2.2E+08
18.31007	18.5	18.1	0	0	0	1.31682	1.69999	0.99999	24.00191	0	24	2.2E+08
18.29328	18.5	18.2	0	0	0	1.11933	1.3	0.89999	24.00191	0	24	2.2E+08
18.24454	18.3	18.1	0	0	0	1.07563	1.19999	0.99999	24.00191	0	24	2.2E+08
18.0437	18.1	18	0	0	0	1.04538	1.19999	0.89999	24.00191	0	24	2.2E+08
18.0437	18.1	18	0	0	0	1.04538	1.19999	0.89999	24.00191	0	24	2.2E+08
18.021	18.1	17.9	0	0	0	0.98236	1.19999	0.89999	24.00191	0	24	2.2E+08
18.00083	18.1	17.9	0	0	0	0.88319	0.99999	0.79999	24.00191	0	24	2.2E+08
17.7356	18	17.6	0	0	0	0.99323	1.19999	0.79999	24.00191	0	24	2.2E+08
17.70658	17.9	17.6	12.10103	14.68524	0	0.76624	1	0.49999	0.07076	0.03494	0.07194	2.2E+08
17.70658	17.9	17.6	12.10103	14.68524	0	0.76624	1	0.49999	0.15414	0	0.155	2.2E+08
17.66219	17.7	17.6	14.47985	14.60211	14.35274	0.61679	0.69999	0.5	0.23751	0.04931	0.23833	2.2E+08
17.6067	17.7	17.5	14.55606	14.68524	14.43587	0.43443	0.59999	0.19999	0.32089	0	0.32194	2.2E+08
17.6067	17.7	17.5	14.55606	14.68524	14.43587	0.43443	0.59999	0.19999	0.40428	0	0.405	2.2E+08
17.55882	17.6	17.5	14.66645	14.74065	14.57441	0.3311	0.49999	0.09999	0.48767	0	0.48833	2.2E+08
17.57984	17.6	17.5	14.6716	14.74065	14.60211	0.14199	0.29999	0.09999	0.57104	0.04925	0.57194	2.2E+08
17.57984	17.6	17.5	14.6716	14.74065	14.60211	0.14199	0.29999	0.09999	0.65441	0	0.655	2.2E+08
17.52521	17.6	17.4	14.64848	14.71294	14.57441	0.14032	0.29999	0	0.73778	0.02055	0.73861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.52521	17.6	17.4	14.64848	14.71294	14.57441	0.14032	0.29999	0	0.82115	0.03491	0.82166	2.2E+08
17.48992	17.5	17.4	14.66975	14.74065	14.57441	0.12688	0.3	0.09999	0.90451	0	0.90527	2.2E+08
17.48992	17.5	17.4	14.66975	14.74065	14.57441	0.12688	0.3	0.09999	0.98788	0.06981	0.98833	2.2E+08
17.48992	17.5	17.4	14.6862	14.74065	14.60211	0.09161	0.2	0	1.07125	0	1.07194	2.2E+08
17.48992	17.5	17.4	14.6862	14.74065	14.60211	0.09161	0.2	0	1.15461	0.01434	1.155	2.2E+08
17.46305	17.5	17.4	14.6962	14.74065	14.60211	0.12938	0.2	0	1.23799	0.02056	1.23833	2.2E+08
17.45299	17.6	17.4	14.69643	14.76836	14.62982	0.13617	0.2	0	1.32136	0.02057	1.32194	2.2E+08
17.45298	17.5	17.4	14.69844	14.74065	14.62982	0.13619	0.2	0	1.40472	0.0349	1.405	2.2E+08
17.48902	17.6	17.4	14.7001	14.76836	14.65753	0.15883	0.3	0	1.48807	0.05546	1.48833	2.2E+08
17.4605	17.5	17.4	14.72349	14.85149	14.62982	0.15043	0.2	0	1.57143	0	1.57166	2.2E+08
17.48658	17.5	17.4	14.82919	14.9069	14.74065	0.18748	0.3	0.1	1.65478	0.01433	1.65527	2.2E+08
17.47983	17.5	17.4	14.82035	14.9069	14.74065	0.1992	0.3	0.1	1.73813	0.0349	1.73861	2.2E+08
17.47983	17.5	17.4	14.82035	14.9069	14.74065	0.1992	0.3	0.1	1.8215	0.0349	1.82166	2.2E+08
17.44288	17.5	17.4	14.82133	14.87919	14.74065	0.15798	0.3	0	1.90487	0.03487	1.905	2.2E+08
17.39664	17.4	17.3	14.74351	14.85149	14.65753	0.15728	0.3	0	1.98825	0	1.98861	2.2E+08
17.39664	17.4	17.3	14.74351	14.85149	14.65753	0.15728	0.3	0	2.07162	0.02057	2.07166	2.2E+08
17.40336	17.5	17.3	14.72485	14.82378	14.65753	0.17477	0.3	0.1	2.15498	0.03487	2.155	2.2E+08
17.37649	17.4	17.3	14.70998	14.79607	14.62982	0.13866	0.2	0	2.23835	0.01431	2.23833	2.2E+08
17.2864	17.4	17.1	14.71049	14.76836	14.62982	0.12184	0.2	0	2.32171	0	2.32194	2.2E+08
17.2864	17.4	17.1	14.71049	14.76836	14.62982	0.12184	0.2	0	2.40507	0.03488	2.405	2.2E+08
17.19064	17.4	17.1	14.69985	14.76836	14.62982	0.10502	0.2	0	2.48842	0.04117	2.48861	2.2E+08
17.19064	17.4	17.1	14.69985	14.76836	14.62982	0.10502	0.2	0	2.57179	0.04117	2.57166	2.2E+08
17.2261	17.4	17.1	14.70403	14.76836	14.65753	0.09331	0.2	0	2.65517	0	2.655	2.2E+08
17.18057	17.4	17.1	14.69655	14.76836	14.62982	0.09907	0.3	0	2.73857	0	2.73833	2.2E+08
17.14368	17.4	17.1	14.68188	14.74065	14.60211	0.0655	0.3	0	2.82198	0	2.82194	2.2E+08
17.14368	17.4	17.1	14.68188	14.74065	14.60211	0.0655	0.3	0	2.90538	0.03481	2.905	2.2E+08
17.10001	17.3	17	14.66366	14.74065	14.5467	0.03696	0.3	0	2.98877	0.03482	2.98861	2.2E+08
17.10001	17.3	17	14.66366	14.74065	14.5467	0.03696	0.3	0	3.07214	0.03482	3.07166	2.2E+08
17.0621	17.1	17	14.67332	14.71294	14.60211	0.06046	0.1	0	3.15553	0.03481	3.15527	2.2E+08
17.0621	17.1	17	14.67332	14.71294	14.60211	0.06046	0.1	0	3.23889	0	3.23833	2.2E+08
16.95879	17	16.8	14.70281	14.76836	14.62982	0.04028	0.19999	0	3.32224	0.0284	3.32194	2.2E+08
16.95879	17	16.8	14.70281	14.76836	14.62982	0.04028	0.19999	0	3.4056	0	3.405	2.2E+08
16.87988	17	16.8	14.69723	14.76836	14.62982	0.10939	0.3	0	3.48897	0.0206	3.48861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Ti	Filter ID
16.87988	17	16.8	14.69723	14.76836	14.62982	0.10939	0.3	0	3.57235	0.0206	3.57166	2.2E+08
16.91175	17	16.8	14.72609	14.82378	14.62982	0.18828	0.3	0	3.65571	0.0206	3.65527	2.2E+08
16.91175	17	16.8	14.72609	14.82378	14.62982	0.18828	0.3	0	3.73907	0.02061	3.73833	2.2E+08
16.91679	17	16.8	14.7262	14.79607	14.65753	0.21344	0.3	0	3.82246	0.0206	3.82166	2.2E+08
16.7218	16.8	16.5	14.71054	14.76836	14.62982	0.05631	0.1	0	3.90583	0.0348	3.90527	2.2E+08
16.7218	16.8	16.5	14.71054	14.76836	14.62982	0.05631	0.1	0	3.98919	0	3.98833	2.2E+08
16.7134	16.8	16.7	14.75292	14.82378	14.65753	0.07208	0.2	0	4.07256	0	4.07194	2.2E+08
16.73453	16.8	16.7	14.77023	14.85149	14.68524	0.10263	0.2	0	4.15591	0.0348	4.15527	2.2E+08
16.73453	16.8	16.7	14.77023	14.85149	14.68524	0.10263	0.2	0	4.23928	0.03477	4.23833	2.2E+08
16.71176	16.8	16.7	14.78538	14.85149	14.68524	0.1007	0.2	0	4.32265	0	4.32194	2.2E+08
16.7134	16.8	16.7	14.79177	14.87919	14.68524	0.10163	0.2	0	4.406	0.03477	4.405	2.2E+08
16.69665	16.8	16.5	14.80983	14.9069	14.68524	0.11675	0.3	0	4.48936	0	4.48861	2.2E+08
16.69665	16.8	16.5	14.80983	14.9069	14.68524	0.11675	0.3	0	4.57271	0.06954	4.57166	2.2E+08
16.61079	16.7	16.5	14.79734	14.87919	14.68524	0.09665	0.2	0	4.65606	0.04125	4.655	2.2E+08
16.52011	16.7	16.4	14.79412	14.87919	14.68524	0.09327	0.19999	0	4.73941	0.00784	4.73861	2.2E+08
16.44529	16.5	16.4	14.78463	14.87919	14.71294	0.08559	0.19999	0	4.82278	0.02064	4.82166	2.2E+08
16.36542	16.4	16.2	14.77897	14.85149	14.68524	0.11177	0.3	0	4.90614	0	4.90527	2.2E+08
16.23449	16.4	16.2	14.79997	14.87919	14.71294	0.18562	0.3	0	4.9895	0.0285	4.98861	2.2E+08
16.23449	16.4	16.2	14.79997	14.87919	14.71294	0.18562	0.3	0	5.07285	0.04128	5.07166	2.2E+08
16.25396	16.4	16.2	14.83558	14.9069	14.76836	0.14939	0.19999	0	5.15621	0.03476	5.155	2.2E+08
16.33286	16.4	16.2	14.84033	14.9069	14.76836	0.05371	0.19999	0	5.23958	0.00784	5.23833	2.2E+08
16.21341	16.3	16.2	14.84973	14.9069	14.79607	0.14532	0.19999	0	5.32293	0	5.32194	2.2E+08
16.21341	16.3	16.2	14.84973	14.9069	14.79607	0.14532	0.19999	0	5.40628	0.01408	5.405	2.2E+08
16.24125	16.4	16.2	14.7788	14.87919	14.65753	0.11914	0.19999	0	5.48963	0.03471	5.48833	2.2E+08
16.20671	16.3	16.1	14.76324	14.85149	14.65753	0.1067	0.19999	0	5.57298	0.02688	5.57194	2.2E+08
16.20671	16.3	16.1	14.76324	14.85149	14.65753	0.1067	0.19999	0	5.65633	0.03471	5.655	2.2E+08
16.2067	16.3	16.2	14.77168	14.87919	14.62982	0.1168	0.19999	0	5.73969	0	5.73833	2.2E+08
16.18993	16.2	16.1	14.81635	14.87919	14.74065	0.12785	0.29999	0.09999	5.82304	0.03471	5.82194	2.2E+08
16.17988	16.2	16.1	14.81355	14.9069	14.71294	0.16644	0.29999	0.09999	5.90641	0.01405	5.905	2.2E+08
16.15824	16.2	16.1	14.82577	14.9069	14.71294	0.24175	0.29999	0.19999	5.98978	0.03471	5.98861	2.2E+08
16.15824	16.2	16.1	14.82577	14.9069	14.71294	0.24175	0.29999	0.19999	6.07314	0.05537	6.07166	2.2E+08
16.11482	16.2	16.1	14.78853	14.85149	14.68524	0.26834	0.29999	0.19999	6.15651	0	6.15527	2.2E+08
16.11482	16.2	16.1	14.78853	14.85149	14.68524	0.26834	0.29999	0.19999	6.23986	0	6.23833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
16.06299	16.2	15.9	14.7983	14.85149	14.71294	0.3225	0.49999	0.19999	6.32322	0	6.32166	2.2E+08
16.10002	16.2	15.9	14.76304	14.85149	14.68524	0.27509	0.49999	0.09999	6.40658	0	6.405	2.2E+08
16.17403	16.2	16.1	14.70258	14.76836	14.62982	0.24824	0.49999	0.09999	6.48995	0.03468	6.48861	2.2E+08
16.24113	16.4	16.1	14.72721	14.85149	14.62982	0.22758	0.49999	0	6.57332	0.00785	6.57194	2.2E+08
16.24113	16.4	16.1	14.72721	14.85149	14.62982	0.22758	0.49999	0	6.65668	0	6.655	2.2E+08
16.81212	17	16.7	14.69503	14.76836	14.62982	0.18385	0.3	0	6.74003	0.02061	6.73861	2.2E+08
16.81212	17	16.7	14.69503	14.76836	14.62982	0.18385	0.3	0	6.82339	0.03479	6.82166	2.2E+08
16.87407	17	16.8	14.70453	14.79607	14.62982	0.17878	0.3	0.09999	6.90675	0.02203	6.905	2.2E+08
16.9361	17	16.8	14.71067	14.79607	14.62982	0.08989	0.19999	0	6.9901	0	6.98861	2.2E+08
16.9361	17	16.8	14.71067	14.79607	14.62982	0.08989	0.19999	0	7.07345	0.00642	7.07166	2.2E+08
16.78882	16.9	16.7	14.71465	14.82378	14.62982	0.43245	0.59999	0.3	7.15681	0.02061	7.15527	2.2E+08
16.78882	16.9	16.7	14.71465	14.82378	14.62982	0.43245	0.59999	0.3	7.24017	0.07602	7.23833	2.2E+08
16.71453	16.8	16.5	14.81681	14.93461	14.74065	0.61916	0.8	0.49999	7.32354	0.02061	7.32194	2.2E+08
16.89977	17	16.8	14.83832	14.93461	14.71294	0.52806	0.8	0.29999	7.4069	0	7.40527	2.2E+08
16.89977	17	16.8	14.83832	14.93461	14.71294	0.52806	0.8	0.29999	7.49027	0.03477	7.48833	2.2E+08
16.86659	17	16.8	14.87979	15.01773	14.76836	0.71594	0.8	0.29999	7.57364	0.03477	7.57166	2.2E+08
16.69999	16.8	16.5	14.87978	14.99002	14.79607	0.94146	1.09999	0.8	7.65702	0.03475	7.65527	2.2E+08
16.69999	16.8	16.5	14.87978	14.99002	14.79607	0.94146	1.09999	0.8	7.74038	0.02061	7.73833	2.2E+08
16.80645	17	16.7	14.85458	14.99002	14.74065	0.86555	1	0.69999	7.82374	0.0206	7.82166	2.2E+08
16.75424	16.9	16.5	14.85171	14.93461	14.76836	0.9063	1.19999	0.69999	7.90712	0.04261	7.905	2.2E+08
16.61724	16.8	16.5	14.8773	14.96231	14.76836	1.04779	1.3	0.9	7.9905	0.00649	7.98861	2.2E+08
16.59915	16.7	16.4	14.931	14.99002	14.85149	1.08401	1.3	0.9	8.07387	0.01409	8.07166	2.2E+08
16.49086	16.7	16.4	14.97603	15.04544	14.87919	1.18892	1.3	0.9	8.15723	0.01409	8.155	2.2E+08
16.428	16.7	16.4	14.97831	15.07315	14.9069	1.24062	1.3	0.9	8.24064	0	8.23833	2.2E+08
16.54921	16.7	16.4	14.99784	15.07315	14.93461	1.10798	1.19999	0.9	8.32408	0.03476	8.32194	2.2E+08
16.59355	16.7	16.4	14.99812	15.07315	14.87919	1.05153	1.3	0.9	8.40752	0.02063	8.40527	2.2E+08
16.59355	16.7	16.4	14.99812	15.07315	14.87919	1.05153	1.3	0.9	8.49094	0.03476	8.48833	2.2E+08
16.66636	16.7	16.5	14.98804	15.07315	14.9069	0.96635	1.19999	0.9	8.57437	0.06954	8.57194	2.2E+08
16.66636	16.7	16.5	14.98804	15.07315	14.9069	0.96635	1.19999	0.9	8.65779	0.04896	8.655	2.2E+08
16.68768	16.8	16.5	14.97177	15.04544	14.9069	0.96521	1	0.8	8.74121	0.02061	8.73833	2.2E+08
16.75512	16.8	16.7	14.94934	15.04544	14.85149	0.89668	1	0.8	8.82462	0.03475	8.82166	2.2E+08
16.73362	16.8	16.7	14.92704	15.01773	14.85149	0.93139	1	0.8	8.90805	0.0348	8.905	2.2E+08
16.78633	16.9	16.7	14.891	14.99002	14.74065	0.86996	0.9	0.59999	8.99147	0.01417	8.98833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
16.91571	17	16.8	14.93483	15.04544	14.82378	0.78405	0.99999	0.69999	9.07492	0.0284	9.07194	2.2E+08
16.91571	17	16.8	14.93483	15.04544	14.82378	0.78405	0.99999	0.69999	9.15838	0.02061	9.155	2.2E+08
16.84927	17	16.7	14.91831	15.01773	14.82378	0.89022	1.09999	0.69999	9.24182	0	9.23833	2.2E+08
16.8067	16.9	16.7	14.91583	14.99002	14.85149	1.0047	1.09999	0.8	9.32526	0.02061	9.32194	2.2E+08
16.8067	16.9	16.7	14.91583	14.99002	14.85149	1.0047	1.09999	0.8	9.4087	0	9.405	2.2E+08
16.80132	17	16.7	14.91855	15.04544	14.79607	1.07509	1.19999	0.89999	9.49216	0.03479	9.48861	2.2E+08
16.80132	17	16.7	14.91855	15.04544	14.79607	1.07509	1.19999	0.89999	9.57561	0.02828	9.57166	2.2E+08
16.73944	16.9	16.5	14.95116	15.01773	14.85149	1.12915	1.39999	1	9.65905	0.03477	9.655	2.2E+08
16.67713	16.7	16.5	14.94866	15.04544	14.79607	1.18789	1.39999	1	9.74248	0.03473	9.73833	2.2E+08
16.56545	16.7	16.4	14.9735	15.07315	14.85149	1.29419	1.49999	1.09999	9.82592	0.03476	9.82166	2.2E+08
16.62446	16.7	16.4	14.97151	15.07315	14.85149	1.15444	1.49999	1	9.90937	0.11075	9.90527	2.2E+08
16.62446	16.7	16.4	14.97151	15.07315	14.85149	1.15444	1.39999	1	9.9928	0	9.98861	2.2E+08
16.5403	16.7	16.5	14.95664	15.04544	14.82378	1.19666	1.39999	1	10.07624	0.06949	10.07194	2.2E+08
16.5403	16.7	16.5	14.95664	15.04544	14.82378	1.19666	1.39999	1	10.1597	0	10.155	2.2E+08
16.60325	16.7	16.5	14.91337	15.01773	14.85149	1.10011	1.19999	1	10.24316	0.05538	10.23833	2.2E+08
16.7067	16.8	16.7	15.00091	15.07315	14.93461	1.01012	1.19999	0.9	10.32658	0	10.32166	2.2E+08
16.72803	16.8	16.7	14.98154	15.07315	14.9069	0.99213	1.19999	0.9	10.41003	0	10.405	2.2E+08
16.77195	16.9	16.7	14.98303	15.04544	14.9069	0.94822	1.09999	0.89999	10.49352	0	10.48833	2.2E+08
16.85489	17	16.8	14.97429	15.04544	14.85149	0.873	0.99999	0.69999	10.57699	0.02061	10.57194	2.2E+08
16.85489	17	16.8	14.97429	15.04544	14.85149	0.873	0.99999	0.69999	10.66044	0.06956	10.655	2.2E+08
16.89999	17	16.8	14.97745	15.04544	14.9069	0.84638	1.09999	0.69999	10.74388	0.03479	10.73833	2.2E+08
16.90671	17	16.8	14.93492	15.07315	14.82378	0.89865	1.09999	0.89999	10.82734	0	10.82194	2.2E+08
16.82148	16.9	16.8	14.87524	14.96231	14.76836	1.0301	1.09999	0.89999	10.91082	0	10.905	2.2E+08
16.84147	17	16.7	14.8315	14.93461	14.71294	1.0921	1.4	0.89999	10.99423	0.02061	10.98861	2.2E+08
16.84147	17	16.7	14.8315	14.93461	14.71294	1.0921	1.4	0.89999	11.07767	0.05541	11.07166	2.2E+08
16.98858	17	16.8	14.87498	14.99002	14.79607	1.0509	1.3	0.89999	11.16114	0	11.15527	2.2E+08
16.98858	17	16.8	14.87498	14.99002	14.79607	1.0509	1.3	0.89999	11.24458	0.03479	11.23833	2.2E+08
17.10939	17.4	17	14.8594	15.01773	14.74065	0.9704	1.09999	0.69999	11.32803	0	11.32194	2.2E+08
17.10939	17.4	17	14.8594	15.01773	14.74065	0.9704	1.09999	0.69999	11.41149	0	11.405	2.2E+08
17.07647	17.1	17	14.92985	15.01773	14.85149	1.03023	1.09999	0.99999	11.49495	0.03634	11.48833	2.2E+08
17.1638	17.4	17.1	14.95304	15.04544	14.85149	0.94073	1.09999	0.8	11.57842	0	11.57166	2.2E+08
17.14576	17.4	17	14.93421	15.04544	14.79607	0.98918	1.09999	0.8	11.6619	0.03481	11.655	2.2E+08
17.00671	17.1	16.9	14.887	14.99002	14.79607	1.17514	1.39999	0.99999	11.74533	0.05536	11.73861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
17.00671	17.1	16.9	14.887	14.99002	14.79607	1.17514	1.39999	0.99999	11.82876	0.03479	11.82166	2.2E+08
17.01464	17.1	16.9	14.87366	14.96231	14.79607	1.19207	1.3	1.09999	11.91218	0.03479	11.905	2.2E+08
17.05511	17.1	17	14.85798	14.93461	14.74065	1.18183	1.29999	0.99999	11.99563	0	11.98833	2.2E+08
17.02016	17.1	17	14.86987	14.96231	14.76836	1.22809	1.29999	0.99999	12.07905	0.03479	12.07166	2.2E+08
16.9899	17.1	16.8	14.86979	14.99002	14.76836	1.26975	1.39999	1.09999	12.16247	0.03481	12.15527	2.2E+08
17.01341	17.1	16.9	14.88516	14.99002	14.76836	1.27314	1.39999	1.09999	12.24589	0.00635	12.23833	2.2E+08
17.08185	17.3	17	14.89113	14.96231	14.79607	1.21813	1.19999	0.8	12.32932	0.08394	12.32166	2.2E+08
17.29481	17.4	17.1	14.84048	14.93461	14.76836	1.00517	1.19999	0.8	12.41276	0	12.405	2.2E+08
17.2637	17.4	17.1	14.81135	14.9069	14.68524	1.0598	1.29999	0.89999	12.49618	0.11086	12.48833	2.2E+08
17.33784	17.4	17.1	14.80323	14.87919	14.71294	1.01593	1.29999	0.89999	12.57962	0.03484	12.57166	2.2E+08
17.27467	17.4	17.1	14.77154	14.9069	14.65753	1.09589	1.29999	0.89999	12.6631	0	12.655	2.2E+08
17.32882	17.4	17.1	14.76528	14.85149	14.68524	1.05975	1.29999	0.89999	12.74658	0	12.73833	2.2E+08
17.43145	17.5	17.4	14.71967	14.79607	14.65753	0.96182	0.99999	0.79999	12.83007	0	12.82194	2.2E+08
17.43145	17.5	17.4	14.71967	14.79607	14.65753	0.96182	0.99999	0.79999	12.91354	0.02056	12.905	2.2E+08
17.47525	17.5	17.4	14.70282	14.76836	14.62982	0.92809	0.99999	0.89999	12.99698	0.03479	12.98833	2.2E+08
17.37528	17.5	17.1	14.71153	14.79607	14.60211	1.06163	1.59999	0.99999	13.08041	0	13.07166	2.2E+08
17.32775	17.4	17.1	14.71525	14.76836	14.65753	1.14738	1.59999	0.99999	13.16384	0.06957	13.155	2.2E+08
17.12015	17.3	17.1	14.68797	14.76836	14.62982	1.37567	1.59999	1.09999	13.24726	0	13.23861	2.2E+08
17.12015	17.3	17.1	14.68797	14.76836	14.62982	1.37567	1.59999	1.09999	13.33069	0.06174	13.32194	2.2E+08
17.10045	17.4	17	14.68396	14.74065	14.62982	1.40561	1.59999	1.09999	13.41411	0.00787	13.405	2.2E+08
17.21527	17.4	17.1	14.64105	14.74065	14.5467	1.32419	1.59999	1.09999	13.49754	0	13.48833	2.2E+08
17.33163	17.4	17.1	14.67329	14.76836	14.57441	1.2436	1.69999	0.99999	13.58099	0.00784	13.57166	2.2E+08
17.33272	17.5	17	14.71427	14.79607	14.65753	1.26928	1.69999	0.99999	13.66443	0	13.655	2.2E+08
17.51391	17.7	17.1	14.69584	14.74065	14.60211	1.18943	1.59999	1	13.74788	0.03486	13.73861	2.2E+08
17.51391	17.7	17.1	14.69584	14.74065	14.60211	1.18943	1.19999	0.69999	13.83132	0.0697	13.82166	2.2E+08
17.74237	18	17.6	14.63829	14.74065	14.51899	0.97442	1.19999	0.69999	13.91477	0.01428	13.905	2.2E+08
17.79141	18	17.6	14.55155	14.68524	14.43587	0.98035	1.19999	0.69999	13.9982	0.02057	13.98833	2.2E+08
17.48661	17.7	17.1	14.53766	14.74065	14.40816	1.34358	1.79999	1.09999	14.08165	0.0348	14.07166	2.2E+08
17.45371	17.5	17.4	14.59606	14.68524	14.49128	1.49322	1.59999	0.99999	14.16509	0.03485	14.15527	2.2E+08
17.87395	18.1	17.6	14.47127	14.57441	14.38045	1.18104	1.49999	0.89999	14.24855	0	14.23861	2.2E+08
17.64488	18	17.5	14.46929	14.5467	14.35274	1.5047	1.69999	1.09999	14.33197	0.04107	14.32194	2.2E+08
17.64488	18	17.5	14.46929	14.5467	14.35274	1.5047	1.69999	1.09999	14.41541	0	14.405	2.2E+08
18.04632	18.2	17.7	14.45072	14.57441	14.35274	1.26503	1.59999	0.99999	14.49883	0.03488	14.48833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
18.00461	18.1	17.9	14.43693	14.51899	14.35274	1.4021	1.99999	1.29999	14.58225	0	14.57194	2.2E+08
17.80268	18.1	17.5	14.42331	14.5467	14.35274	1.71069	1.99999	1.29999	14.66569	0.02675	14.655	2.2E+08
17.85495	18.1	17.6	14.42881	14.51899	14.38045	1.73498	2	1.39999	14.74912	0.03485	14.73833	2.2E+08
17.93953	18.2	17.6	14.42348	14.51899	14.35274	1.68398	2	1.39999	14.83255	0.08399	14.82166	2.2E+08
18.16762	18.5	18	14.43697	14.51899	14.35274	1.55115	1.89999	1.19999	14.916	0.041	14.90527	2.2E+08
18.16762	18.5	18	14.43697	14.51899	14.35274	1.55115	1.89999	1.19999	14.99942	0.02052	14.98833	2.2E+08
18.1965	18.5	18	14.45216	14.5467	14.35274	1.75854	2.09999	1.4	15.08284	0.04099	15.07194	2.2E+08
18.1965	18.5	18	14.45216	14.5467	14.35274	1.75854	2.09999	1.4	15.16628	0.03492	15.155	2.2E+08
18.63423	18.8	18.5	14.42554	14.51899	14.32503	1.50273	1.69999	1.3	15.24969	0.02047	15.23861	2.2E+08
18.63423	18.8	18.5	14.42554	14.51899	14.32503	1.50273	1.69999	1.3	15.33311	0.02892	15.32166	2.2E+08
18.6899	18.8	18.5	14.45623	14.5467	14.35274	1.61343	1.99999	1.4	15.41653	0.03495	15.40527	2.2E+08
18.6899	18.8	18.5	14.45623	14.5467	14.35274	1.61343	1.99999	1.4	15.49998	0.02045	15.48833	2.2E+08
19.11404	19.4	18.8	14.62966	14.74065	14.5467	1.51748	1.8	1.19999	15.58339	0.01456	15.57194	2.2E+08
19.11404	19.4	18.8	14.62966	14.74065	14.5467	1.51748	1.8	1.19999	15.66682	0.04086	15.655	2.2E+08
19.39461	19.7	19.1	14.7095	14.79607	14.62982	1.62686	1.99999	1.19999	15.75022	0.03508	15.73861	2.2E+08
19.43163	19.8	19.1	14.77718	14.93461	14.68524	1.77305	2.19999	1.3	15.83367	0.02045	15.82194	2.2E+08
19.43163	19.8	19.1	14.77718	14.93461	14.68524	1.77305	2.19999	1.3	15.91712	0.02038	15.905	2.2E+08
19.42888	20.1	19.1	14.88932	14.96231	14.82378	1.8946	2.19999	1.19999	16.00057	0.02039	15.98833	2.2E+08
19.97319	20.3	19.7	14.88999	14.99002	14.74065	1.57513	2	1.09999	16.08401	0.03513	16.07166	2.2E+08
20.44099	20.7	20	15.0978	15.21169	14.9069	1.74222	2.19999	1.49999	16.16746	0.03517	16.15527	2.2E+08
20.04966	20.3	19.8	15.21933	15.32252	15.07315	2.40202	2.69999	1.99999	16.25092	0.00783	16.23861	2.2E+08
20.04966	20.3	19.8	15.21933	15.32252	15.07315	2.40202	2.69999	1.99999	16.33437	0.05549	16.32166	2.2E+08
19.8537	20.1	19.5	15.38043	15.48877	15.2671	3.12015	3.4	2.69999	16.41771	0.06332	16.40527	2.2E+08
19.8537	20.1	19.5	15.38043	15.48877	15.2671	3.12015	3.4	2.69999	16.50091	0.02039	16.48833	2.2E+08
19.75295	20.4	19.4	15.40453	15.54419	15.2671	3.35038	3.8	2.69999	16.58412	0.02039	16.57166	2.2E+08
20.33568	20.7	20	15.23253	15.32252	15.15627	2.78312	3.09999	2.3	16.66732	0.02036	16.65527	2.2E+08
20.33568	20.7	20	15.23253	15.32252	15.15627	2.78312	3.09999	2.3	16.75052	0.05553	16.73833	2.2E+08
20.19397	20.5	19.8	15.44313	15.54419	15.29481	3.1625	3.59999	2.79999	16.83373	0.03512	16.82194	2.2E+08
20.19397	20.5	19.8	15.44313	15.54419	15.29481	3.1625	3.59999	2.79999	16.91693	0	16.905	2.2E+08
20.38685	20.6	19.9	15.42513	15.5996	15.29481	3.08753	3.69999	2.69999	17.00013	0.01481	16.98833	2.2E+08
20.20918	20.6	19.8	15.47324	15.5719	15.29481	3.33356	3.49999	2.59999	17.08334	0	17.07166	2.2E+08
20.28492	20.6	19.8	15.46004	15.5719	15.29481	3.26659	3.8	2.79999	17.16654	0.02034	17.15527	2.2E+08
20.28492	20.6	19.8	15.46004	15.5719	15.29481	3.26659	3.8	2.79999	17.24975	0.02119	17.23833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
20.60175	20.9	20.5	15.48457	15.5719	15.37793	3.04336	3.19999	2.8	17.33295	0.061	17.32194	2.2E+08
20.60175	20.9	20.5	15.48457	15.5719	15.37793	3.04336	3.19999	2.8	17.41615	0.02034	17.405	2.2E+08
20.58421	21.1	20.4	15.53094	15.5996	15.46106	3.14745	3.3	2.59999	17.49936	0.03518	17.48833	2.2E+08
20.08815	20.4	19.8	15.54296	15.62731	15.43335	3.52634	3.9	3.09999	17.58256	0.03514	17.57194	2.2E+08
20.06402	20.5	19.8	15.50875	15.62731	15.37793	3.27947	3.69999	2.79999	17.66577	0.01483	17.65527	2.2E+08
20.06402	20.5	19.8	15.50875	15.62731	15.37793	3.27947	3.69999	2.79999	17.74897	0.07051	17.73833	2.2E+08
20.767	21.2	20.4	15.50894	15.65501	15.32252	2.69203	3.19999	2.09999	17.83217	0	17.82194	2.2E+08
20.77407	21	20.5	15.59375	15.71043	15.48877	2.84413	3.09999	2.59999	17.91537	0.02035	17.90527	2.2E+08
21.17534	21.5	20.7	15.66393	15.79356	15.54419	2.54289	3	2.29999	17.99858	0.04585	17.98861	2.2E+08
21.17534	21.5	20.7	15.66393	15.79356	15.54419	2.54289	3	2.29999	18.08178	0.03519	18.07166	2.2E+08
20.53396	21	20.1	15.82104	15.9598	15.71043	3.32804	3.79999	2.79999	18.16499	0.03528	18.155	2.2E+08
20.53774	21.1	19.9	15.86381	16.04293	15.71043	3.28681	3.39999	2.09999	18.24819	0.00541	18.23861	2.2E+08
21.06504	21.6	20.5	15.78416	15.87668	15.65501	2.7753	3.39999	2.09999	18.3314	0.07064	18.32166	2.2E+08
21.24139	21.7	20.7	15.86172	16.04293	15.71043	2.86002	3.5	2.29999	18.4146	0.00533	18.40527	2.2E+08
21.51388	21.8	21.1	15.89344	16.07064	15.82126	2.71108	3.09999	2.49999	18.4978	0	18.48861	2.2E+08
21.42369	21.8	21	16.01663	16.18147	15.84897	2.88976	3.29999	2.49999	18.58101	0	18.57194	2.2E+08
21.42369	21.8	21	16.01663	16.18147	15.84897	2.88976	3.29999	2.49999	18.66421	0.03539	18.655	2.2E+08
21.83892	22.3	21.6	16.20895	16.34772	16.04293	2.81676	3.09999	2.4	18.74741	0.02025	18.73861	2.2E+08
21.83892	22.3	21.6	16.20895	16.34772	16.04293	2.81676	3.09999	2.4	18.83062	0.02023	18.82166	2.2E+08
22.1545	22.5	21.7	16.23777	16.37542	16.07064	2.62675	3.09999	2.29999	18.91382	0	18.905	2.2E+08
22.27156	22.7	21.9	16.28852	16.40313	16.18147	2.65677	2.99999	2.3	18.99702	0.00785	18.98833	2.2E+08
22.28572	22.7	21.8	16.42747	16.59709	16.32001	3.03245	3.49999	2.59999	19.08023	0	19.07194	2.2E+08
22.28572	22.7	21.8	16.42747	16.59709	16.32001	3.03245	3.49999	2.59999	19.16343	0	19.155	2.2E+08
22.55721	22.8	22.2	16.42364	16.51396	16.32001	2.85816	3.19999	2.59999	19.24663	0.00475	19.23833	2.2E+08
23.18438	23.4	22.8	16.38412	16.48626	16.2923	2.37521	2.8	2.19999	19.32984	0.02017	19.32166	2.2E+08
23.10331	23.4	22.9	16.47075	16.6525	16.34772	2.56878	2.8	2.3	19.41304	0.02801	19.405	2.2E+08
23.21724	23.5	22.9	16.55462	16.68021	16.43084	2.71244	2.99999	2.4	19.49624	0.05572	19.48833	2.2E+08
22.86557	23.3	22.7	16.65526	16.76334	16.48626	3.26038	3.5	2.69999	19.57944	0.02022	19.57166	2.2E+08
22.56683	22.7	22.4	16.62958	16.73563	16.51396	3.42261	3.69999	3.19999	19.66265	0	19.65527	2.2E+08
22.56683	22.7	22.4	16.62958	16.73563	16.51396	3.42261	3.69999	3.19999	19.74585	0	19.73833	2.2E+08
22.35147	22.5	22.2	16.55766	16.70792	16.43084	3.32013	3.5	3.19999	19.82906	0.03548	19.82194	2.2E+08
22.35147	22.5	22.2	16.55766	16.70792	16.43084	3.32013	3.5	3.19999	19.91226	0.01532	19.905	2.2E+08
22.35153	22.8	21.8	16.38211	16.51396	16.32001	3.09218	3.69999	2.59999	19.99547	0.04329	19.98861	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
22.35153	22.8	21.8	16.38211	16.51396	16.32001	3.09218	3.69999	2.59999	20.07867	0.0354	20.07166	2.2E+08
21.9211	22.3	21.7	16.45409	16.56938	16.34772	3.46738	3.69999	3.09999	20.16187	0.00786	20.155	2.2E+08
21.6491	21.8	21.5	16.32925	16.40313	16.23688	3.34703	3.49999	3.19999	20.24508	0.01511	20.23861	2.2E+08
21.6491	21.8	21.5	16.32925	16.40313	16.23688	3.34703	3.49999	3.19999	20.32828	0	20.32166	2.2E+08
21.56825	21.7	21.5	16.20577	16.32001	16.09834	3.21785	3.39999	3.09999	20.41148	0.02027	20.40527	2.2E+08
21.56825	21.7	21.5	16.20577	16.32001	16.09834	3.21785	3.39999	3.09999	20.49469	0.00728	20.48833	2.2E+08
21.58404	21.7	21.5	16.19867	16.23688	16.15376	3.11593	3.29999	2.89999	20.57789	0.02029	20.57166	2.2E+08
21.42981	21.6	21.1	16.22292	16.2923	16.15376	3.26719	3.59999	3.19999	20.66109	0.03535	20.65527	2.2E+08
21.26284	21.6	21.1	16.14896	16.23688	16.01522	3.1252	3.3	2.79999	20.7443	0	20.73861	2.2E+08
21.26284	21.6	21.1	16.14896	16.23688	16.01522	3.1252	3.3	2.79999	20.8275	0	20.82166	2.2E+08
21.2071	21.5	21	16.18932	16.26459	16.09834	3.1655	3.39999	2.79999	20.91071	0.00786	20.905	2.2E+08
21.08216	21.2	21	16.19734	16.26459	16.12605	3.21785	3.29999	2.9	20.99391	0.02029	20.98861	2.2E+08
21.14337	21.3	21	16.17741	16.23688	16.09834	3.09799	3.29999	2.9	21.07711	0.02751	21.07166	2.2E+08
21.25146	21.5	21.1	16.13168	16.23688	15.9321	2.99376	3.19999	2.69999	21.16032	0.0255	21.155	2.2E+08
21.27885	21.5	21.1	16.14502	16.23688	15.98751	3.00956	3.19999	2.79999	21.24352	0	21.23833	2.2E+08
21.05866	21.1	21	16.15229	16.23688	16.01522	3.12066	3.29999	2.79999	21.32672	0	21.32194	2.2E+08
21.05866	21.1	21	16.15229	16.23688	16.01522	3.12066	3.49999	2.79999	21.40993	0.00971	21.40527	2.2E+08
20.96073	21.1	20.6	16.11924	16.20918	15.98751	3.06904	3.49999	2.79999	21.49313	0.02036	21.48833	2.2E+08
20.62104	21	20.4	16.09134	16.23688	15.87668	3.25571	3.49999	2.89999	21.57634	0	21.57166	2.2E+08
20.41522	20.5	20.1	15.94176	16.20918	15.62731	3.16108	3.49999	2.79999	21.65954	0	21.655	2.2E+08
20.0049	20.1	20	15.71715	15.87668	15.62731	2.89725	3.19999	2.59999	21.74277	0	21.73861	2.2E+08
20.0049	20.1	20	15.71715	15.87668	15.62731	2.89725	3.19999	2.59999	21.82597	0.0352	21.82166	2.2E+08
19.85039	20	19.7	15.65986	15.73814	15.5719	2.72969	2.9	2.49999	21.90917	0	21.90527	2.2E+08
19.85039	20	19.7	15.65986	15.73814	15.5719	2.72969	2.9	2.49999	21.99237	0.07602	21.98833	2.2E+08
19.74804	20	19.5	15.5895	15.73814	15.43335	2.64522	2.79999	2.4	22.07558	0	22.07194	2.2E+08
19.67646	19.8	19.5	15.55091	15.68272	15.43335	2.59453	2.79999	2.4	22.15878	0.01474	22.155	2.2E+08
19.61812	19.8	19.4	15.48855	15.62731	15.35023	2.47025	3.09999	2.59999	22.24199	0.02627	22.23861	2.2E+08
19.17697	19.4	18.8	15.51501	15.65501	15.37793	2.75944	3.09999	2.59999	22.32519	0	22.32166	2.2E+08
18.92193	19.1	18.8	15.45395	15.65501	15.35023	2.77902	2.99999	2.29999	22.40839	0	22.405	2.2E+08
18.80827	19.1	18.6	15.37392	15.51648	15.23939	2.57308	2.69999	2.4	22.4916	0.03507	22.48833	2.2E+08
18.6899	18.8	18.6	15.34975	15.43335	15.23939	2.53793	2.69999	2.4	22.5748	0	22.57166	2.2E+08
18.61624	18.8	18.5	15.35129	15.46106	15.23939	2.38082	2.49999	2.19999	22.658	0.04287	22.65527	2.2E+08
18.38939	18.5	18.3	15.37714	15.48877	15.29481	2.34466	2.49999	2.19999	22.74121	0.01452	22.73833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.15236	18.3	18.1	15.39558	15.48877	15.32252	2.07392	2.3	1.9	22.82441	0	22.82194	2.2E+08
18.15236	18.3	18.1	15.39558	15.48877	15.32252	2.07392	2.3	1.9	22.90761	0.035	22.905	2.2E+08
18.06151	18.1	18	15.39137	15.51648	15.32252	1.95299	2.09999	1.59999	22.99082	0.0778	22.98833	2.2E+08
17.95631	18.1	17.7	15.4191	15.51648	15.32252	1.54983	1.69999	1.39999	23.07402	0.04284	23.07194	2.2E+08
17.95631	18.1	17.7	15.4191	15.51648	15.32252	1.54983	1.69999	1.39999	23.15722	0.01444	23.155	2.2E+08
17.86738	18	17.7	15.45257	15.54419	15.32252	1.37674	1.69999	1.09999	23.24042	0.04107	23.23833	2.2E+08
17.833	18	17.7	15.42743	15.54419	15.29481	1.2083	1.4	1.09999	23.32363	0.03496	23.32166	2.2E+08
17.66839	17.9	17.6	15.49909	15.5719	15.40564	1.09644	1.19999	0.89999	23.40683	0.02055	23.40527	2.2E+08
17.66839	17.9	17.6	15.49909	15.5719	15.40564	1.09644	1.19999	0.89999	23.49004	0	23.48833	2.2E+08
17.67313	17.7	17.5	15.48052	15.54419	15.40564	0.75808	1	0.69999	23.57324	0.03493	23.57194	2.2E+08
17.67313	17.7	17.5	15.48052	15.54419	15.40564	0.75808	1	0.69999	23.65644	0.03496	23.655	2.2E+08
17.7	17.7	17.7	15.49396	15.54419	15.43335	0.56144	0.59999	0.5	23.73964	0	23.73861	2.2E+08
17.7	17.7	17.7	15.49396	15.54419	15.43335	0.56144	0.59999	0.5	23.82285	0.03495	23.82166	2.2E+08
17.84586	18	17.7	15.42442	15.51648	15.35023	0.26084	0.5	0.09999	23.90606	0.00786	23.90527	2.2E+08
18.09897	18.3	17.9	15.39781	15.48877	15.2671	0.1051	0.3	0	23.98926	0.01449	23.98861	2.2E+08
18.09897	18.3	17.9	15.39781	15.48877	15.2671	0.1051	0.3	0	24.00148	0	24	2.2E+08
18.10628	18.2	18	1.8669	15.54419	0	0.02337	0.2	0	24.00148	0	24	2.2E+08
18.07649	18.1	18	0	0	0	0.03559	0.2	0	24.00148	0	24	2.2E+08
17.99664	18	17.9	0	0	0	0.11168	0.19999	0.09999	24.00148	0	24	2.2E+08
17.99664	18	17.9	0	0	0	0.11168	0.19999	0.09999	24.00148	0	24	2.2E+08
18.00832	18.1	18	0	0	0	0.09839	0.2	0	24.00148	0	24	2.2E+08
18.00832	18.1	18	0	0	0	0.09839	0.2	0	24.00148	0	24	2.2E+08
18.001	18.1	18	0	0	0	0.09899	0.1	0	24.00148	0	24	2.2E+08

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Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Data Log Data	
Channel No.	1	
Source	D 12000	
Sampling Method	Event Bit	
Device	M 972	

SARTI1 PM10

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 13:51:11	0	0	0	749.5	749.5	749.5	24.3196	24.4	24.2
10/11/2016 13:56:11	0	0	0	761.0652	761.6	759.4	24.25241	29.9	23.9
10/11/2016 14:01:11	0	0	0	761.7325	761.8	761.6	24.27652	24.4	24.2
10/11/2016 14:06:12	1.23256	18.33832	0	762.1	762.1	762.1	25.1168	25.2	25
10/11/2016 14:11:11	1.23256	18.33832	0	762.1	762.1	762.1	25.1168	25.2	25
10/11/2016 14:16:11	0	0	0	762.2648	762.3	762.2	25.04294	25.1	25
10/11/2016 14:21:11	0	0	0	762.2648	762.3	762.2	25.04294	25.1	25
10/11/2016 14:26:11	0	0	0	762.2778	762.3	762.2	25.06375	25.1	25
10/11/2016 14:31:11	0	0	0	762.3477	762.4	762.3	25.0604	25.2	25
10/11/2016 14:54:59	0.40647	15.69734	0	762.3104	762.4	762.3	25.09319	25.2	25
10/11/2016 14:59:59	12.35749	16.69673	0	765.4291	765.6	765.3	25.28892	25.4	25.2
10/11/2016 15:04:59	16.67399	16.69403	16.65401	765.7151	765.8	765.7	25.26979	25.3	25.2
10/11/2016 15:09:59	16.67399	16.69403	16.65401	765.7151	765.8	765.7	25.26979	25.3	25.2
10/11/2016 15:14:59	16.67498	16.70378	16.64967	765.8809	765.9	765.8	24.92281	25.1	24.8
10/11/2016 15:19:59	16.67498	16.70378	16.64967	765.8809	765.9	765.8	24.92281	25.1	24.8
10/11/2016 15:24:59	16.67376	16.69127	16.66043	765.89	765.9	765.8	24.74632	24.8	24.7
10/11/2016 15:29:59	16.67319	16.69458	16.64837	765.899	765.9	765.8	24.57318	24.6	24.5
10/11/2016 15:34:59	16.67319	16.69458	16.64837	765.899	765.9	765.8	24.57318	24.6	24.5
10/11/2016 15:39:59	16.67444	16.69053	16.65241	765.9	765.9	765.9	24.42213	24.6	24.2
10/11/2016 15:44:59	16.67588	16.69376	16.65726	765.9	765.9	765.9	24.02685	24.1	23.9
10/11/2016 15:49:59	16.67588	16.69376	16.65726	765.9	765.9	765.9	24.02685	24.1	23.9
10/11/2016 15:54:59	16.67592	16.69862	16.6516	765.9031	766	765.9	23.78326	24	23.6
10/11/2016 15:59:59	16.67592	16.69862	16.6516	765.9031	766	765.9	23.78326	24	23.6
10/11/2016 16:04:59	16.67324	16.68724	16.65241	765.9	765.9	765.9	23.64699	23.8	23.6
10/11/2016 16:09:59	16.67324	16.68724	16.65241	765.9	765.9	765.9	23.64699	23.8	23.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 16:14:59	16.67361	16.68889	16.66047	765.9	765.9	765.9	23.4463	23.5	23.3
10/11/2016 16:19:59	16.67361	16.68889	16.66047	765.9	765.9	765.9	23.4463	23.5	23.3
10/11/2016 16:24:59	16.67479	16.68889	16.65312	765.9	765.9	765.9	23.32949	23.5	23.3
10/11/2016 16:29:59	16.67498	16.69053	16.64999	765.9121	766	765.9	23.28322	23.3	23.2
10/11/2016 16:34:59	16.67383	16.69361	16.66113	765.901	766	765.9	23.19934	23.3	23
10/11/2016 16:39:59	16.676	16.70332	16.64575	765.9	765.9	765.9	22.84296	22.9	22.7
10/11/2016 16:44:59	16.676	16.70332	16.64575	765.9	765.9	765.9	22.84296	22.9	22.7
10/11/2016 16:49:59	16.67586	16.69861	16.645	765.8	765.8	765.8	22.506	22.6	22.3
10/11/2016 16:54:59	16.67303	16.71004	16.64717	765.7353	765.8	765.7	22.26308	22.3	22.2
10/11/2016 16:59:59	16.67303	16.71004	16.64717	765.7353	765.8	765.7	22.26308	22.3	22.2
10/11/2016 17:04:59	16.67398	16.69331	16.64717	765.7	765.7	765.7	21.98659	22.1	21.8
10/11/2016 17:09:59	16.67398	16.69331	16.64717	765.7	765.7	765.7	21.98659	22.1	21.8
10/11/2016 17:14:59	16.67569	16.69944	16.659	765.601	765.7	765.6	21.649	21.8	21.6
10/11/2016 17:19:59	16.67569	16.69944	16.659	765.601	765.7	765.6	21.649	21.8	21.6
10/11/2016 17:24:59	16.6771	16.69549	16.63967	765.5806	765.6	765.5	21.56644	21.6	21.5
10/11/2016 17:29:59	16.67114	16.69194	16.65151	765.5	765.5	765.5	21.49932	21.6	21.4
10/11/2016 17:34:59	16.67494	16.69983	16.64404	765.5	765.5	765.5	21.4295	21.5	21.2
10/11/2016 17:39:59	16.67182	16.69766	16.65151	765.5	765.5	765.5	21.18658	21.2	21.1
10/11/2016 17:44:59	16.67182	16.69766	16.65151	765.5	765.5	765.5	21.18658	21.2	21.1
10/11/2016 17:49:59	16.67156	16.69234	16.66117	765.4786	765.5	765.4	21.02351	21.1	21
10/11/2016 17:54:59	16.67156	16.69234	16.66117	765.4786	765.5	765.4	21.02351	21.1	21
10/11/2016 17:59:59	16.67497	16.69628	16.65586	765.4	765.4	765.4	20.97652	21	20.9
10/11/2016 18:04:59	16.67497	16.69628	16.65586	765.4	765.4	765.4	20.97652	21	20.9
10/11/2016 18:09:59	16.67648	16.68867	16.65793	765.493	765.5	765.4	20.5832	20.8	20.5
10/11/2016 18:14:59	16.67648	16.68867	16.65793	765.493	765.5	765.4	20.5832	20.8	20.5
10/11/2016 18:19:59	16.67282	16.69072	16.66183	765.501	765.6	765.5	20.43287	20.5	20.3
10/11/2016 18:24:59	16.67324	16.70035	16.65036	765.5313	765.6	765.5	20.25637	20.3	20.2
10/11/2016 18:29:59	16.67494	16.68698	16.65813	765.5	765.5	765.5	20.12614	20.2	20
10/11/2016 18:34:59	16.67448	16.6851	16.66398	765.5	765.5	765.5	19.72282	19.9	19.6
10/11/2016 18:39:59	16.67448	16.6851	16.66398	765.5	765.5	765.5	19.72282	19.9	19.6
10/11/2016 18:44:59	16.67378	16.6851	16.66208	765.5	765.5	765.5	19.63623	19.7	19.6
10/11/2016 18:49:59	16.6743	16.6832	16.65248	765.5	765.5	765.5	19.47249	19.6	19.3
10/11/2016 18:54:59	16.67289	16.68704	16.66208	765.5	765.5	765.5	19.22281	19.3	19.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 18:59:59	16.67289	16.68704	16.66208	765.5	765.5	765.5	19.22281	19.3	19.2
10/11/2016 19:04:59	16.67384	16.68704	16.66208	765.5	765.5	765.5	19.17987	19.2	19.1
10/11/2016 19:09:59	16.67548	16.68729	16.6681	765.4054	765.5	765.4	19.08595	19.2	19
10/11/2016 19:14:59	16.67548	16.68729	16.6681	765.4054	765.5	765.4	19.08595	19.2	19
10/11/2016 19:19:59	16.67816	16.69471	16.66593	765.5	765.5	765.5	18.94958	19.1	18.8
10/11/2016 19:24:59	16.67816	16.69471	16.66593	765.5	765.5	765.5	18.94958	19.1	18.8
10/11/2016 19:29:59	16.67542	16.70648	16.65083	765.4	765.4	765.4	18.77647	19	18.6
10/11/2016 19:34:59	16.67542	16.70648	16.65083	765.4	765.4	765.4	18.77647	19	18.6
10/11/2016 19:39:59	16.67707	16.70648	16.65275	765.4362	765.5	765.4	18.73021	18.8	18.6
10/11/2016 19:44:59	16.67707	16.70648	16.65275	765.4362	765.5	765.4	18.73021	18.8	18.6
10/11/2016 19:49:59	16.67605	16.69689	16.65058	765.4094	765.5	765.4	18.65569	18.8	18.6
10/11/2016 19:54:59	16.67629	16.68894	16.65633	765.5	765.5	765.5	18.58727	18.6	18.5
10/11/2016 19:59:59	16.67629	16.68894	16.65633	765.5	765.5	765.5	18.58727	18.6	18.5
10/11/2016 20:04:59	16.67629	16.69471	16.65607	765.5295	765.6	765.5	18.51275	18.6	18.5
10/11/2016 20:09:59	16.67801	16.6887	16.67335	765.6	765.6	765.6	18.45301	18.5	18.2
10/11/2016 20:14:59	16.67801	16.6887	16.67335	765.6	765.6	765.6	18.45301	18.5	18.2
10/11/2016 20:19:59	16.67716	16.69854	16.65824	765.498	765.5	765.4	18.3598	18.5	18.2
10/11/2016 20:24:59	16.67716	16.69854	16.65824	765.498	765.5	765.4	18.3598	18.5	18.2
10/11/2016 20:29:59	16.67475	16.68482	16.65607	765.5991	765.6	765.5	18.46308	18.5	18.4
10/11/2016 20:34:59	16.67475	16.68482	16.65607	765.5991	765.6	765.5	18.46308	18.5	18.4
10/11/2016 20:39:59	16.67738	16.68863	16.65989	765.6011	765.7	765.6	18.49329	18.6	18.4
10/11/2016 20:44:59	16.67738	16.68863	16.65989	765.6011	765.7	765.6	18.49329	18.6	18.4
10/11/2016 20:49:59	16.67644	16.68863	16.65196	765.6222	765.7	765.6	18.50336	18.6	18.5
10/11/2016 20:54:59	16.67435	16.69244	16.66154	765.6131	765.7	765.6	18.48658	18.5	18.4
10/11/2016 20:59:59	16.67605	16.69679	16.66011	765.4869	765.6	765.4	18.4329	18.5	18.2
10/11/2016 21:04:59	16.67605	16.69679	16.66011	765.4869	765.6	765.4	18.4329	18.5	18.2
10/11/2016 21:09:59	16.6742	16.70637	16.65455	765.4312	765.5	765.4	18.35295	18.5	18.2
10/11/2016 21:14:59	16.6759	16.69623	16.65977	765.5034	765.6	765.4	18.20672	18.4	18.2
10/11/2016 21:19:59	16.6759	16.69623	16.65977	765.5034	765.6	765.4	18.20672	18.4	18.2
10/11/2016 21:24:59	16.67466	16.70003	16.65977	765.6	765.6	765.6	18.16981	18.2	18.1
10/11/2016 21:29:59	16.67466	16.70003	16.65977	765.6	765.6	765.6	18.16981	18.2	18.1
10/11/2016 21:34:59	16.67432	16.69623	16.6426	765.6021	765.7	765.6	18.153	18.2	18
10/11/2016 21:39:59	16.67607	16.69623	16.64064	765.6456	765.7	765.6	18.07652	18.2	18

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 21:44:59	16.67663	16.69623	16.65	765.6645	765.7	765.6	18.07317	18.2	18
10/11/2016 21:49:59	16.67663	16.69623	16.65	765.6645	765.7	765.6	18.07317	18.2	18
10/11/2016 21:54:59	16.6765	16.7132	16.6576	765.6554	765.7	765.6	18.03357	18.1	18
10/11/2016 21:59:59	16.67542	16.69585	16.66499	765.7457	765.8	765.6	18.01342	18.1	18
10/11/2016 22:04:59	16.67481	16.69567	16.66499	765.8	765.8	765.8	18.00335	18.1	17.9
10/11/2016 22:09:59	16.67468	16.68411	16.66499	765.8	765.8	765.8	18.00335	18.1	17.9
10/11/2016 22:14:59	16.67513	16.68611	16.64587	765.8	765.8	765.8	18.03355	18.1	18
10/11/2016 22:19:59	16.67513	16.68611	16.64587	765.8	765.8	765.8	18.03355	18.1	18
10/11/2016 22:24:59	16.67455	16.68611	16.64587	765.8	765.8	765.8	17.99998	18.1	17.9
10/11/2016 22:29:59	16.67455	16.68611	16.64587	765.8	765.8	765.8	17.99998	18.1	17.9
10/11/2016 22:34:59	16.67481	16.69567	16.65543	765.8	765.8	765.8	18	18	18
10/11/2016 22:39:59	16.67481	16.69567	16.65543	765.8	765.8	765.8	18	18	18
10/11/2016 22:44:59	16.67499	16.69367	16.65543	765.8	765.8	765.8	17.99664	18	17.9
10/11/2016 22:49:59	16.67499	16.69367	16.65543	765.8	765.8	765.8	17.99664	18	17.9
10/11/2016 22:54:59	16.6745	16.70145	16.65543	765.8	765.8	765.8	17.96646	18	17.9
10/11/2016 22:59:59	16.6745	16.70145	16.65543	765.8	765.8	765.8	17.96646	18	17.9
10/11/2016 23:04:59	16.67344	16.7206	16.65326	765.8776	765.9	765.8	17.9369	18	17.9
10/11/2016 23:09:59	16.67344	16.7206	16.65326	765.8776	765.9	765.8	17.9369	18	17.9
10/11/2016 23:14:59	16.67484	16.6915	16.65488	765.9558	766	765.9	17.90671	18	17.9
10/11/2016 23:19:59	16.67407	16.6931	16.64333	766.0063	766.1	766	17.87317	17.9	17.8
10/11/2016 23:24:59	16.67407	16.6931	16.64333	766.0063	766.1	766	17.87317	17.9	17.8
10/11/2016 23:29:59	16.67496	16.69266	16.65071	766.1	766.1	766.1	17.71951	17.9	17.6
10/11/2016 23:34:59	16.67496	16.69266	16.65071	766.1	766.1	766.1	17.71951	17.9	17.6
10/11/2016 23:39:59	16.67297	16.70003	16.65029	766.1437	766.2	766.1	17.60671	17.8	17.6
10/11/2016 23:44:59	16.67297	16.70003	16.65029	766.1437	766.2	766.1	17.60671	17.8	17.6
10/11/2016 23:49:59	16.67519	16.69266	16.65029	766.1779	766.2	766.1	17.57649	17.6	17.5
10/11/2016 23:54:59	16.67315	16.70003	16.65983	766.1876	766.2	766.1	17.55705	17.6	17.5
10/11/2016 23:59:59	16.6779	16.69845	16.66402	766.1	766.1	766.1	17.56037	17.6	17.5
10/12/2016 00:04:59	16.6779	16.69845	16.66402	766.1	766.1	766.1	17.56037	17.6	17.5
10/12/2016 00:09:59	16.67548	16.70062	16.66402	766.0392	766.1	766	17.5839	17.6	17.5
10/12/2016 00:14:59	16.67442	16.70859	16.65288	765.9305	766	765.8	17.59664	17.6	17.5
10/12/2016 00:19:59	16.67442	16.70859	16.65288	765.9305	766	765.8	17.59664	17.6	17.5
10/12/2016 00:24:59	16.67488	16.69325	16.65882	765.9	765.9	765.9	17.59396	17.6	17.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 00:29:59	16.67488	16.69325	16.65882	765.9	765.9	765.9	17.59396	17.6	17.5
10/12/2016 00:34:59	16.67252	16.6837	16.65288	765.9809	766	765.9	17.59326	17.6	17.5
10/12/2016 00:39:59	16.67252	16.6837	16.65288	765.9809	766	765.9	17.59326	17.6	17.5
10/12/2016 00:44:59	16.67557	16.69888	16.66065	766.0615	766.2	766	17.60333	17.8	17.5
10/12/2016 00:49:59	16.67557	16.69888	16.66065	766.0091	766.1	766	17.57317	17.6	17.5
10/12/2016 00:54:59	16.67158	16.6935	16.65109	765.9464	766	765.9	17.50672	17.6	17.5
10/12/2016 00:59:59	16.67158	16.6935	16.65109	765.9464	766	765.9	17.50672	17.6	17.5
10/12/2016 01:04:59	16.67263	16.6915	16.6437	765.9	765.9	765.9	17.48323	17.5	17.3
10/12/2016 01:09:59	16.67263	16.6915	16.6437	765.9	765.9	765.9	17.48323	17.5	17.3
10/12/2016 01:14:59	16.67224	16.68194	16.6437	765.9	765.9	765.9	17.47382	17.5	17.3
10/12/2016 01:19:59	16.67244	16.68194	16.67238	765.9	765.9	765.9	17.4436	17.5	17.3
10/12/2016 01:24:59	16.67314	16.6915	16.66282	765.9	765.9	765.9	17.45636	17.5	17.3
10/12/2016 01:29:59	16.67447	16.68571	16.65705	765.9061	766	765.9	17.41949	17.5	17.3
10/12/2016 01:34:59	16.6728	16.6915	16.65705	765.9041	766	765.9	17.41079	17.5	17.3
10/12/2016 01:39:59	16.6723	16.68393	16.66282	765.9	765.9	765.9	17.38996	17.5	17.3
10/12/2016 01:44:59	16.67313	16.68571	16.65705	765.9	765.9	765.9	17.37583	17.5	17.3
10/12/2016 01:49:59	16.67447	16.6915	16.65705	765.902	766	765.9	17.34293	17.5	17.3
10/12/2016 01:54:59	16.67579	16.68571	16.66083	765.9	765.9	765.9	17.31677	17.4	17.3
10/12/2016 01:59:59	16.67579	16.68571	16.66083	765.9	765.9	765.9	17.31677	17.4	17.3
10/12/2016 02:04:59	16.67388	16.68949	16.65882	765.8497	765.9	765.8	17.3	17.3	17.3
10/12/2016 02:09:59	16.67594	16.68746	16.66099	765.8789	765.9	765.8	17.27651	17.3	17.2
10/12/2016 02:14:59	16.67594	16.68746	16.66099	765.8789	765.9	765.8	17.27651	17.3	17.2
10/12/2016 02:19:59	16.67394	16.69483	16.65463	765.9964	766.1	765.9	17.3	17.3	17.3
10/12/2016 02:24:59	16.6734	16.69266	16.64509	766.0796	766.2	765.9	17.33689	17.5	17.3
10/12/2016 02:29:59	16.6734	16.69266	16.64509	766.0796	766.2	765.9	17.33689	17.5	17.3
10/12/2016 02:34:59	16.67687	16.6958	16.66719	766.2877	766.3	766.2	17.5	17.6	17.4
10/12/2016 02:39:59	16.67687	16.6958	16.66719	766.2877	766.3	766.2	17.5	17.6	17.4
10/12/2016 02:44:59	16.67746	16.69797	16.65766	766.2101	766.3	766.2	17.52014	17.6	17.4
10/12/2016 02:49:59	16.67634	16.69797	16.65246	766.1625	766.2	766.1	17.58053	17.6	17.5
10/12/2016 02:54:59	16.67421	16.69266	16.66402	766.1	766.1	766.1	17.77782	17.9	17.6
10/12/2016 02:59:59	16.67421	16.69266	16.66402	766.1	766.1	766.1	17.77782	17.9	17.6
10/12/2016 03:04:59	16.67298	16.6889	16.66185	766.1534	766.2	766.1	17.89328	17.9	17.8
10/12/2016 03:09:59	16.67298	16.6889	16.66185	766.1534	766.2	766.1	17.89328	17.9	17.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 03:14:59	16.67649	16.69701	16.65665	765.9232	766	765.9	17.92281	18	17.9
10/12/2016 03:19:59	16.67649	16.69701	16.65665	765.9232	766	765.9	17.92281	18	17.9
10/12/2016 03:24:59	16.67579	16.68916	16.6568	765.899	765.9	765.8	17.87652	17.9	17.6
10/12/2016 03:29:59	16.67245	16.69713	16.65318	765.8	765.8	765.8	17.66238	17.9	17.6
10/12/2016 03:34:59	16.67245	16.69713	16.65318	765.8	765.8	765.8	17.66238	17.9	17.6
10/12/2016 03:39:59	16.67305	16.69713	16.66272	765.8	765.8	765.8	17.60674	17.8	17.6
10/12/2016 03:44:59	16.67305	16.69713	16.66272	765.8	765.8	765.8	17.60674	17.8	17.6
10/12/2016 03:49:59	16.67617	16.69713	16.65318	765.8	765.8	765.8	17.62014	17.8	17.6
10/12/2016 03:54:59	16.67243	16.68977	16.6516	765.7134	765.8	765.7	17.73284	17.9	17.6
10/12/2016 03:59:59	16.67243	16.68977	16.6516	765.7134	765.8	765.7	17.73284	17.9	17.6
10/12/2016 04:04:59	16.67665	16.68805	16.65939	765.7	765.7	765.7	17.92348	18	17.9
10/12/2016 04:09:59	16.67665	16.68805	16.65939	765.7	765.7	765.7	17.92348	18	17.9
10/12/2016 04:14:59	16.67716	16.69384	16.65344	765.7124	765.8	765.7	18.04695	18.2	18
10/12/2016 04:19:59	16.67716	16.69384	16.65344	765.7124	765.8	765.7	18.04695	18.2	18
10/12/2016 04:24:59	16.67585	16.69745	16.65722	765.8031	765.9	765.8	18.15704	18.2	18.1
10/12/2016 04:29:59	16.67637	16.68571	16.6646	765.899	765.9	765.8	18.21341	18.4	18.2
10/12/2016 04:34:59	16.6747	16.6915	16.65326	765.9	765.9	765.9	18.25031	18.5	18.2
10/12/2016 04:39:59	16.67309	16.68611	16.65326	765.8759	765.9	765.8	18.47384	18.5	18.4
10/12/2016 04:44:59	16.67309	16.68611	16.65326	765.8759	765.9	765.8	18.47384	18.5	18.4
10/12/2016 04:49:59	16.67284	16.68971	16.65326	765.9	765.9	765.9	18.52682	18.6	18.5
10/12/2016 04:54:59	16.67325	16.68971	16.66282	765.9	765.9	765.9	18.56037	18.6	18.5
10/12/2016 04:59:59	16.67417	16.69132	16.66065	765.9799	766	765.9	18.6429	18.8	18.6
10/12/2016 05:04:59	16.67417	16.69132	16.66065	765.9799	766	765.9	18.6429	18.8	18.6
10/12/2016 05:09:59	16.67372	16.69711	16.65109	766	766	766	18.7168	18.8	18.6
10/12/2016 05:14:59	16.67739	16.68754	16.6684	766.006	766.1	766	18.74695	18.8	18.6
10/12/2016 05:19:59	16.67628	16.68754	16.66263	766	766	766	18.76305	18.8	18.7
10/12/2016 05:24:59	16.67694	16.68754	16.66065	766	766	766	18.76978	18.8	18.6
10/12/2016 05:29:59	16.67688	16.68754	16.65883	766	766	766	18.78657	18.8	18.6
10/12/2016 05:34:59	16.67688	16.68754	16.65883	766	766	766	18.78657	18.8	18.6
10/12/2016 05:39:59	16.67708	16.68754	16.66046	766.002	766.1	766	18.80001	19	18.7
10/12/2016 05:44:59	16.67557	16.69331	16.6646	766	766	766	18.78324	18.8	18.7
10/12/2016 05:49:59	16.67557	16.69331	16.6646	766	766	766	18.78324	18.8	18.7
10/12/2016 05:54:59	16.67742	16.68754	16.6646	766	766	766	18.78051	18.8	18.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 05:59:59	16.67742	16.68754	16.6646	766	766	766	18.78051	18.8	18.7
10/12/2016 06:04:59	16.67689	16.68754	16.6684	766	766	766	18.77648	18.8	18.7
10/12/2016 06:09:59	16.67458	16.68734	16.65861	766.0225	766.1	766	18.79395	18.8	18.7
10/12/2016 06:14:59	16.67503	16.69311	16.66243	766.1	766.1	766.1	18.81335	19	18.8
10/12/2016 06:19:59	16.6729	16.68734	16.66243	766.1	766.1	766.1	18.80671	19	18.8
10/12/2016 06:24:59	16.67441	16.68734	16.66026	766.1162	766.2	766.1	18.8859	19	18.8
10/12/2016 06:29:59	16.67678	16.69311	16.66243	766.101	766.2	766.1	18.92618	19	18.8
10/12/2016 06:34:59	16.6758	16.68734	16.66243	766.1	766.1	766.1	19	19.1	18.8
10/12/2016 06:39:59	16.6758	16.68734	16.66243	766.1	766.1	766.1	19	19.1	18.8
10/12/2016 06:44:59	16.6757	16.68734	16.66243	766.1	766.1	766.1	18.97986	19	18.8
10/12/2016 06:49:59	16.67804	16.68896	16.66406	766.2537	766.3	766.2	18.92756	19	18.8
10/12/2016 06:54:59	16.67804	16.68896	16.66406	766.2537	766.3	766.2	18.92756	19	18.8
10/12/2016 06:59:59	16.6739	16.69636	16.65592	766.391	766.4	766.3	18.91942	19	18.8
10/12/2016 07:04:59	16.6739	16.69636	16.65592	766.391	766.4	766.3	18.91942	19	18.8
10/12/2016 07:09:59	16.67656	16.68734	16.66243	766.1312	766.2	766.1	19.00337	19.1	19
10/12/2016 07:14:59	16.67656	16.68734	16.66243	766.1312	766.2	766.1	19.00337	19.1	19
10/12/2016 07:19:59	16.67548	16.68896	16.66243	766.1242	766.2	766.1	19.01009	19.1	19
10/12/2016 07:24:59	16.67488	16.68734	16.66243	766.1051	766.2	766.1	19.03015	19.1	19
10/12/2016 07:29:59	16.67402	16.68734	16.66243	766.1021	766.2	766.1	19.02619	19.1	19
10/12/2016 07:34:59	16.67402	16.68734	16.66243	766.1021	766.2	766.1	19.02619	19.1	19
10/12/2016 07:39:59	16.67579	16.69256	16.66385	766.2748	766.3	766.2	19.01007	19.1	19
10/12/2016 07:44:59	16.67579	16.69256	16.66385	766.2748	766.3	766.2	19.01007	19.1	19
10/12/2016 07:49:59	16.67673	16.68822	16.65951	766.494	766.5	766.4	19.03956	19.1	19
10/12/2016 07:54:59	16.67673	16.68822	16.65951	766.494	766.5	766.4	19.03956	19.1	19
10/12/2016 07:59:59	16.67507	16.69039	16.66548	766.405	766.5	766.3	19.0463	19.1	19
10/12/2016 08:04:59	16.67573	16.69344	16.66474	766.698	766.8	766.6	19.04701	19.1	19
10/12/2016 08:09:59	16.67573	16.69344	16.66474	766.698	766.8	766.6	19.04701	19.1	19
10/12/2016 08:14:59	16.67555	16.68748	16.66637	766.8	766.8	766.8	19.08054	19.1	19
10/12/2016 08:19:59	16.67555	16.68748	16.66637	766.8	766.8	766.8	19.08054	19.1	19
10/12/2016 08:24:59	16.67772	16.68944	16.66257	766.8	766.8	766.8	19.18389	19.3	19.1
10/12/2016 08:29:59	16.67772	16.68944	16.66257	766.8	766.8	766.8	19.18389	19.3	19.1
10/12/2016 08:34:59	16.67687	16.69684	16.6566	766.8779	766.9	766.8	19.21001	19.3	19.1
10/12/2016 08:39:59	16.67687	16.69684	16.6566	766.8779	766.9	766.8	19.21001	19.3	19.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 08:44:59	16.67586	16.68944	16.64704	766.8262	766.9	766.8	19.2772	19.3	19.2
10/12/2016 08:49:59	16.67586	16.68944	16.64704	766.8262	766.9	766.8	19.2772	19.3	19.2
10/12/2016 08:54:59	16.67285	16.68562	16.66048	766.8444	766.9	766.8	19.32343	19.4	19.3
10/12/2016 08:59:59	16.67484	16.69857	16.66023	766.9607	767	766.9	19.59329	19.6	19.4
10/12/2016 09:04:59	16.67484	16.69857	16.66023	766.9607	767	766.9	19.59329	19.6	19.4
10/12/2016 09:09:59	16.67678	16.69449	16.65997	767.0819	767.1	767	19.74692	19.9	19.6
10/12/2016 09:14:59	16.67678	16.69449	16.65997	767.0819	767.1	767	19.74692	19.9	19.6
10/12/2016 09:19:59	16.67788	16.68874	16.66765	767.1	767.1	767.1	19.85435	19.9	19.7
10/12/2016 09:24:58	16.67831	16.6964	16.65806	767.1	767.1	767.1	19.9	19.9	19.9
10/12/2016 09:29:59	16.67708	16.68874	16.6619	767.1	767.1	767.1	19.94364	20	19.9
10/12/2016 09:34:58	16.67748	16.69833	16.66765	767.1	767.1	767.1	20.01075	20.2	19.9
10/12/2016 09:39:59	16.67794	16.69833	16.66765	767.1	767.1	767.1	20.04563	20.2	20
10/12/2016 09:44:59	16.67715	16.69833	16.66186	767.1	767.1	767.1	20.10598	20.2	20
10/12/2016 09:49:59	16.67586	16.69065	16.65611	767.1	767.1	767.1	20.17982	20.2	20
10/12/2016 09:54:59	16.67517	16.69616	16.66739	767.2	767.2	767.2	20.26374	20.3	20.2
10/12/2016 09:59:59	16.67517	16.69616	16.66739	767.2	767.2	767.2	20.26374	20.3	20.2
10/12/2016 10:04:59	16.67572	16.68848	16.65752	767.292	767.3	767.2	20.29329	20.3	20.2
10/12/2016 10:09:59	16.67378	16.69374	16.65536	767.3849	767.4	767.3	20.31343	20.4	20.3
10/12/2016 10:14:59	16.67589	16.70716	16.66306	767.4	767.4	767.4	20.30678	20.4	20.2
10/12/2016 10:19:59	16.67438	16.69015	16.66331	767.3041	767.4	767.3	20.2967	20.3	20.2
10/12/2016 10:24:59	16.674	16.68631	16.66137	767.3	767.3	767.3	20.29328	20.3	20.2
10/12/2016 10:29:59	16.67312	16.69206	16.66137	767.3	767.3	767.3	20.27314	20.3	20.2
10/12/2016 10:34:59	16.6748	16.69206	16.65752	767.3	767.3	767.3	20.29664	20.3	20.2
10/12/2016 10:39:59	16.67386	16.68989	16.65752	767.3497	767.4	767.3	20.34363	20.5	20.3
10/12/2016 10:44:59	16.67386	16.68989	16.65752	767.3497	767.4	767.3	20.34363	20.5	20.3
10/12/2016 10:49:59	16.67435	16.69009	16.65366	767.3	767.3	767.3	20.40005	20.5	20.3
10/12/2016 10:54:59	16.67435	16.69009	16.65366	767.3	767.3	767.3	20.40005	20.5	20.3
10/12/2016 10:59:59	16.6735	16.69583	16.66126	767.3	767.3	767.3	20.52755	20.6	20.4
10/12/2016 11:04:59	16.67443	16.70187	16.65009	767.2507	767.3	767.2	20.61343	20.8	20.6
10/12/2016 11:09:59	16.67453	16.69583	16.64407	767.3	767.3	767.3	20.91342	21	20.9
10/12/2016 11:14:59	16.67453	16.69583	16.64407	767.3	767.3	767.3	20.91342	21	20.9
10/12/2016 11:19:59	16.67508	16.69987	16.64994	767.2524	767.3	767.2	20.9832	21.1	20.9
10/12/2016 11:24:58	16.67508	16.69987	16.64994	767.2524	767.3	767.2	20.9832	21.1	20.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 11:29:59	16.67438	16.68622	16.65382	767.2719	767.3	767.2	21.0174	21.1	20.9
10/12/2016 11:34:59	16.6744	16.68839	16.66126	767.2696	767.3	767.2	21.13625	21.2	21.1
10/12/2016 11:39:59	16.6744	16.68839	16.66126	767.2696	767.3	767.2	21.13625	21.2	21.1
10/12/2016 11:44:59	16.67488	16.69226	16.64623	767.203	767.3	767.2	21.18052	21.2	21.1
10/12/2016 11:49:59	16.6749	16.69816	16.65783	767.1716	767.2	767.1	21.2711	21.4	21.1
10/12/2016 11:54:59	16.6749	16.69816	16.65783	767.1716	767.2	767.1	21.2711	21.4	21.1
10/12/2016 11:59:59	16.67545	16.69242	16.65757	767.1144	767.2	767.1	21.53351	21.6	21.5
10/12/2016 12:04:59	16.67545	16.69242	16.65757	767.1144	767.2	767.1	21.53351	21.6	21.5
10/12/2016 12:09:59	16.67613	16.70747	16.65178	767.1899	767.2	767.1	21.59664	21.6	21.5
10/12/2016 12:14:59	16.67613	16.70747	16.65178	767.1899	767.2	767.1	21.59664	21.6	21.5
10/12/2016 12:19:59	16.67727	16.69784	16.65932	767.1836	767.2	767.1	21.68321	21.8	21.6
10/12/2016 12:24:59	16.67531	16.68829	16.65543	767.1	767.1	767.1	22.07718	22.2	22
10/12/2016 12:29:59	16.67531	16.68829	16.65543	767.1	767.1	767.1	22.07718	22.2	22
10/12/2016 12:34:58	16.67603	16.69046	16.65582	767.0081	767.1	767	22.14359	22.2	22.1
10/12/2016 12:39:59	16.67479	16.70371	16.64796	767	767	767	22.16643	22.2	22.1
10/12/2016 12:44:58	16.6734	16.68871	16.65189	766.9907	767	766.9	22.28991	22.4	22.2
10/12/2016 12:49:59	16.67265	16.69297	16.64345	766.9	766.9	766.9	22.78445	23	22.6
10/12/2016 12:54:59	16.67265	16.69297	16.64345	766.9	766.9	766.9	22.78445	23	22.6
10/12/2016 12:59:59	16.67417	16.694	16.64731	766.8121	766.9	766.8	23.38716	23.5	23.3
10/12/2016 13:04:59	16.67417	16.694	16.64731	766.8121	766.9	766.8	23.38716	23.5	23.3
10/12/2016 13:09:59	16.67552	16.69415	16.65201	766.9293	767	766.8	23.6543	23.8	23.5
10/12/2016 13:14:59	16.67329	16.69183	16.65312	766.898	766.9	766.8	23.84029	24	23.6
10/12/2016 13:19:59	16.67329	16.69183	16.65312	766.898	766.9	766.8	23.84029	24	23.6
10/12/2016 13:24:58	16.6742	16.694	16.65538	766.8451	766.9	766.7	23.82618	23.9	23.6
10/12/2016 13:29:59	16.67622	16.69618	16.66133	766.6252	766.7	766.6	23.63356	23.8	23.6
10/12/2016 13:34:59	16.67578	16.69609	16.65393	766.5594	766.6	766.5	23.58052	23.6	23.5
10/12/2016 13:39:59	16.67449	16.69028	16.64812	766.5	766.5	766.5	23.55036	23.6	23.5
10/12/2016 13:44:58	16.67422	16.69084	16.6618	766.4796	766.5	766.4	23.52954	23.6	23.5
10/12/2016 13:49:59	16.67459	16.69245	16.65197	766.4111	766.5	766.4	23.51678	23.6	23.5
10/12/2016 13:54:59	16.67459	16.69245	16.65197	766.4111	766.5	766.4	23.51678	23.6	23.5
10/12/2016 13:59:58	16.67574	16.69462	16.66214	766.3222	766.4	766.3	23.4933	23.6	23.3
10/12/2016 14:04:58	16.6747	16.69061	16.65245	766.2756	766.3	766.2	23.47312	23.5	23.3
10/12/2016 14:09:59	16.67661	16.69848	16.65799	766.2184	766.3	766.2	23.52352	23.6	23.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 14:14:59	16.67605	16.69679	16.66032	766.207	766.3	766.2	23.53358	23.6	23.5
10/12/2016 14:19:58	16.67605	16.69679	16.66032	766.207	766.3	766.2	23.53358	23.6	23.5
10/12/2016 14:24:59	16.67513	16.68709	16.66032	766.2	766.2	766.2	23.53025	23.6	23.5
10/12/2016 14:29:58	16.67659	16.69679	16.65462	766.2	766.2	766.2	23.51342	23.6	23.4
10/12/2016 14:34:59	16.6742	16.69555	16.65121	766.1078	766.2	766	23.37917	23.5	23.3
10/12/2016 14:39:58	16.67587	16.69944	16.6583	766	766	766	23.3	23.3	23.3
10/12/2016 14:44:59	16.67723	16.69644	16.64927	765.9705	766	765.9	23.3094	23.4	23.3
10/12/2016 14:49:58	16.67723	16.69644	16.64927	765.9705	766	765.9	23.3094	23.4	23.3
10/12/2016 14:54:58	16.67309	16.7035	16.63298	765.901	766	765.9	23.39727	23.5	23.3
10/12/2016 14:59:58	2.93533	16.68222	0	765.9368	766	765.9	23.35668	23.5	23.3
10/12/2016 15:04:59	0	0	0	766	766	766	23.19946	23.3	23
10/12/2016 15:09:59	0	0	0	765.9332	766	765.9	23.03545	23.2	22.9
10/12/2016 15:14:59	0	0	0	765.9	765.9	765.9	22.9296	23	22.8
10/12/2016 15:19:59	0	0	0	765.899	765.9	765.8	22.88992	23	22.8
10/12/2016 15:24:58	0	0	0	765.895	765.9	765.8	22.82694	22.9	22.7
10/12/2016 15:29:59	0	0	0	765.8121	765.9	765.8	22.72955	22.8	22.6
10/12/2016 15:34:58	0	0	0	765.8121	765.9	765.8	22.72955	22.8	22.6
10/12/2016 15:39:59	0	0	0	765.7638	765.8	765.6	22.75029	22.9	22.7
10/12/2016 15:44:58	0	0	0	765.8	765.8	765.8	22.78662	22.9	22.7
10/12/2016 15:49:59	0	0	0	765.7836	765.8	765.7	22.68252	22.8	22.6
10/12/2016 15:54:58	0	0	0	765.7101	765.8	765.7	22.61008	22.7	22.4
10/12/2016 15:59:58	0	0	0	765.7101	765.8	765.7	22.61008	22.7	22.4
10/12/2016 16:04:58	0	0	0	765.6857	765.7	765.6	22.51888	22.7	22.4
10/12/2016 16:09:58	0	0	0	765.6021	765.7	765.6	22.36176	22.6	22.3
10/12/2016 16:14:58	0	0	0	765.6	765.6	765.6	22.26312	22.3	22.2
10/12/2016 16:19:58	0	0	0	765.6	765.6	765.6	22.21342	22.3	22.2
10/12/2016 16:24:58	0	0	0	765.6	765.6	765.6	22.15976	22.2	22.1
10/12/2016 16:29:58	0	0	0	765.6	765.6	765.6	22.0732	22.2	22
10/12/2016 16:34:59	12.68799	16.69478	0	765.4322	765.6	765.4	21.95347	22	21.8
10/12/2016 16:39:59	16.67739	16.69501	16.65795	765.5728	765.6	765.5	22.01006	22.1	21.8
10/12/2016 16:44:58	16.67739	16.69501	16.65795	765.5728	765.6	765.5	22.01006	22.1	21.8
10/12/2016 16:49:58	16.67392	16.70072	16.62549	765.5627	765.6	765.5	22.13417	22.2	22
10/12/2016 16:54:58	16.67501	16.69674	16.65454	765.5857	765.6	765.5	22.16372	22.2	22.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 16:59:58	16.67501	16.69674	16.65454	765.5857	765.6	765.5	22.16372	22.2	22.1
10/12/2016 17:04:58	16.67694	16.69891	16.66012	765.5	765.5	765.5	22.12349	22.2	22
10/12/2016 17:09:58	16.67489	16.69321	16.655	765.495	765.5	765.4	22.05969	22.2	21.8
10/12/2016 17:14:58	16.6732	16.69016	16.65151	765.4433	765.5	765.4	21.87596	22	21.7
10/12/2016 17:19:58	16.67379	16.68799	16.65326	765.4849	765.5	765.4	21.69661	21.8	21.6
10/12/2016 17:24:58	16.67525	16.68799	16.65897	765.5	765.5	765.5	21.6	21.7	21.5
10/12/2016 17:29:59	16.67237	16.69017	16.65326	765.5	765.5	765.5	21.48999	21.5	21.4
10/12/2016 17:34:58	16.67237	16.69017	16.65326	765.5	765.5	765.5	21.48999	21.5	21.4
10/12/2016 17:39:58	16.67312	16.69017	16.65151	765.5	765.5	765.5	21.33561	21.5	21.2
10/12/2016 17:44:58	16.67504	16.69411	16.65546	765.5283	765.6	765.5	21.05372	21.1	21
10/12/2016 17:49:58	16.67504	16.69411	16.65546	765.5283	765.6	765.5	21.05372	21.1	21
10/12/2016 17:54:58	16.67441	16.69231	16.6594	765.5	765.5	765.5	20.98655	21.1	20.9
10/12/2016 17:59:59	16.67436	16.68649	16.65185	765.6	765.6	765.6	20.68254	20.9	20.6
10/12/2016 18:04:58	16.67436	16.68649	16.65185	765.6	765.6	765.6	20.68254	20.9	20.6
10/12/2016 18:09:58	16.67517	16.69647	16.65576	765.5907	765.6	765.5	20.40948	20.5	20.3
10/12/2016 18:14:58	16.67517	16.69647	16.65576	765.5907	765.6	765.5	20.40948	20.5	20.3
10/12/2016 18:19:58	16.67401	16.70035	16.65999	765.5	765.5	765.5	20.26984	20.3	20.2
10/12/2016 18:24:58	16.67602	16.69817	16.6617	765.6	765.6	765.6	20.01683	20.2	19.9
10/12/2016 18:29:58	16.67602	16.69817	16.6617	765.6	765.6	765.6	20.01683	20.2	19.9
10/12/2016 18:34:58	16.67422	16.69056	16.64634	765.6	765.6	765.6	19.79337	19.9	19.7
10/12/2016 18:39:58	16.67422	16.69056	16.64634	765.6	765.6	765.6	19.79337	19.9	19.7
10/12/2016 18:44:59	16.67424	16.69829	16.65022	765.6	765.6	765.6	19.58334	19.7	19.3
10/12/2016 18:49:58	16.67424	16.69829	16.65022	765.6	765.6	765.6	19.58334	19.7	19.3
10/12/2016 18:54:58	16.67314	16.69829	16.65221	765.6	765.6	765.6	19.44571	19.6	19.3
10/12/2016 18:59:58	16.67269	16.69254	16.64072	765.6	765.6	765.6	19.29327	19.3	19.2
10/12/2016 19:04:58	16.6738	16.69664	16.65248	765.502	765.6	765.5	19.18992	19.2	19.1
10/12/2016 19:09:58	16.6738	16.69664	16.65248	765.502	765.6	765.5	19.18992	19.2	19.1
10/12/2016 19:14:58	16.6722	16.69088	16.66208	765.5	765.5	765.5	19.03963	19.1	19
10/12/2016 19:19:58	16.67278	16.70431	16.66208	765.5	765.5	765.5	18.99667	19.1	18.8
10/12/2016 19:24:58	16.67612	16.70431	16.64866	765.5255	765.6	765.5	18.91955	19	18.8
10/12/2016 19:29:58	16.67612	16.70431	16.64866	765.5255	765.6	765.5	18.91955	19	18.8
10/12/2016 19:34:58	16.6771	16.69854	16.65607	765.5172	765.6	765.5	18.81679	19	18.7
10/12/2016 19:39:58	16.6769	16.70617	16.65824	765.5	765.5	765.5	18.76378	18.8	18.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 19:44:58	16.67603	16.69821	16.66206	765.5758	765.6	765.5	18.58664	18.6	18.5
10/12/2016 19:49:58	16.67603	16.69821	16.66206	765.5758	765.6	765.5	18.58664	18.6	18.5
10/12/2016 19:54:59	16.67731	16.68863	16.65413	765.6	765.6	765.6	18.5	18.6	18.4
10/12/2016 19:59:58	16.67731	16.68863	16.65413	765.6	765.6	765.6	18.5	18.6	18.4
10/12/2016 20:04:58	16.67795	16.70039	16.65989	765.5876	765.6	765.5	18.47717	18.5	18.2
10/12/2016 20:09:58	16.67603	16.69821	16.65772	765.6829	765.7	765.6	18.46313	18.5	18.2
10/12/2016 20:14:58	16.67603	16.69821	16.65772	765.6829	765.7	765.6	18.46313	18.5	18.2
10/12/2016 20:19:58	16.67588	16.69746	16.65914	765.8872	766	765.8	18.48321	18.5	18.4
10/12/2016 20:24:58	16.67588	16.69746	16.65914	765.8872	766	765.8	18.48321	18.5	18.4
10/12/2016 20:29:58	16.6766	16.70683	16.66438	765.9932	766.1	765.9	18.48991	18.6	18.4
10/12/2016 20:34:58	16.67545	16.70486	16.65861	766.0403	766.1	766	18.48525	18.5	18.2
10/12/2016 20:39:58	16.6748	16.70506	16.65883	765.9917	766	765.9	18.44627	18.5	18.2
10/12/2016 20:44:58	16.6748	16.70506	16.65883	765.9917	766	765.9	18.44627	18.5	18.2
10/12/2016 20:49:58	16.67538	16.70506	16.65883	765.9454	766	765.9	18.29924	18.5	18.2
10/12/2016 20:54:58	16.67538	16.70506	16.65883	765.9454	766	765.9	18.29924	18.5	18.2
10/12/2016 20:59:58	16.6745	16.69549	16.65143	765.8527	765.9	765.8	18.23358	18.4	18.2
10/12/2016 21:04:58	16.67327	16.69549	16.65143	765.9121	766	765.9	18.14296	18.2	18.1
10/12/2016 21:09:58	16.67327	16.69549	16.65143	765.9121	766	765.9	18.14296	18.2	18.1
10/12/2016 21:14:58	16.67198	16.69188	16.65143	765.8567	765.9	765.8	18.08251	18.2	18
10/12/2016 21:19:58	16.67198	16.69188	16.65143	765.8567	765.9	765.8	18.08251	18.2	18
10/12/2016 21:24:58	16.67489	16.69406	16.65523	765.7675	765.9	765.7	18.06642	18.2	18
10/12/2016 21:29:58	16.67489	16.69406	16.65523	765.7675	765.9	765.7	18.06642	18.2	18
10/12/2016 21:34:58	16.67208	16.69188	16.65143	765.8779	765.9	765.8	18.00268	18.1	18
10/12/2016 21:39:58	16.67208	16.69188	16.65143	765.8779	765.9	765.8	18.00268	18.1	18
10/12/2016 21:44:58	16.67076	16.68014	16.65143	765.9	765.9	765.9	17.9524	18.1	17.9
10/12/2016 21:49:58	16.67089	16.68971	16.661	765.9	765.9	765.9	17.9	18	17.8
10/12/2016 21:54:58	16.67239	16.69928	16.65326	765.8627	765.9	765.8	17.80017	17.9	17.6
10/12/2016 21:59:58	16.67239	16.69928	16.65326	765.8627	765.9	765.8	17.80017	17.9	17.6
10/12/2016 22:04:58	16.67756	16.69928	16.65306	766.0101	766.1	765.9	17.61881	17.8	17.6
10/12/2016 22:09:58	16.67756	16.69928	16.65306	766.0101	766.1	765.9	17.61881	17.8	17.6
10/12/2016 22:14:58	16.67446	16.69711	16.64153	766	766	766	17.65378	17.8	17.6
10/12/2016 22:19:58	16.67595	16.70667	16.64153	765.9645	766	765.9	17.6134	17.8	17.6
10/12/2016 22:24:58	16.67292	16.6935	16.6437	765.9	765.9	765.9	17.59328	17.6	17.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 22:29:58	16.67292	16.6935	16.6437	765.9	765.9	765.9	17.59328	17.6	17.5
10/12/2016 22:34:58	16.67507	16.67977	16.66443	766	766	766	17.55977	17.6	17.5
10/12/2016 22:39:58	16.67507	16.67977	16.66443	766	766	766	17.55977	17.6	17.5
10/12/2016 22:44:58	16.67356	16.68933	16.66443	765.9869	766	765.9	17.53352	17.6	17.5
10/12/2016 22:49:58	16.67415	16.68949	16.65705	765.9	765.9	765.9	17.50603	17.6	17.5
10/12/2016 22:54:58	16.67415	16.68949	16.65705	765.9	765.9	765.9	17.50603	17.6	17.5
10/12/2016 22:59:58	16.67539	16.68949	16.66083	765.9141	766	765.9	17.48991	17.5	17.4
10/12/2016 23:04:58	16.67539	16.68949	16.66083	765.9141	766	765.9	17.48991	17.5	17.4
10/12/2016 23:09:58	16.67529	16.68571	16.66443	765.9191	766	765.9	17.44041	17.5	17.3
10/12/2016 23:14:58	16.67414	16.69325	16.66083	765.9031	766	765.9	17.35575	17.5	17.3
10/12/2016 23:19:58	16.67452	16.69686	16.66243	765.9839	766	765.9	17.36985	17.5	17.3
10/12/2016 23:24:58	16.67434	16.6931	16.66243	766	766	766	17.32686	17.5	17.3
10/12/2016 23:29:58	16.67562	16.68571	16.65705	765.9011	766	765.9	17.31007	17.4	17.3
10/12/2016 23:34:58	16.67562	16.68571	16.65705	765.9011	766	765.9	17.31007	17.4	17.3
10/12/2016 23:39:58	16.67476	16.6935	16.6437	765.9	765.9	765.9	17.3	17.3	17.3
10/12/2016 23:44:58	16.67327	16.69928	16.65326	765.9	765.9	765.9	17.3	17.3	17.3
10/12/2016 23:49:58	16.67327	16.69928	16.65326	765.9	765.9	765.9	17.3	17.3	17.3
10/12/2016 23:54:58	16.67282	16.6935	16.6437	765.9	765.9	765.9	17.31005	17.5	17.3
10/12/2016 23:59:58	16.67476	16.69928	16.65883	765.9134	766	765.9	17.35695	17.5	17.3
10/13/2016 00:04:58	16.67476	16.69928	16.65883	765.9134	766	765.9	17.35695	17.5	17.3
10/13/2016 00:09:58	16.67559	16.70089	16.65109	766	766	766	17.41601	17.5	17.3
10/13/2016 00:14:58	16.67354	16.68933	16.65109	765.9292	766	765.9	17.44961	17.5	17.3
10/13/2016 00:19:58	16.67186	16.68529	16.64333	765.999	766	765.9	17.51335	17.6	17.5
10/13/2016 00:24:58	16.67186	16.68529	16.64333	765.999	766	765.9	17.51335	17.6	17.5
10/13/2016 00:29:58	16.67507	16.70437	16.65463	766.003	766.1	766	17.5738	17.6	17.5
10/13/2016 00:34:58	16.67507	16.70437	16.65463	766.003	766.1	766	17.5738	17.6	17.5
10/13/2016 00:39:58	16.6736	16.69279	16.65463	766	766	766	17.56312	17.6	17.5
10/13/2016 00:44:58	16.67314	16.69266	16.64668	766.0991	766.1	766	17.5	17.5	17.5
10/13/2016 00:49:58	16.67314	16.69266	16.64668	766.0991	766.1	766	17.5	17.5	17.5
10/13/2016 00:54:58	16.67232	16.69266	16.64668	766.1	766.1	766.1	17.49329	17.5	17.4
10/13/2016 00:59:58	16.67255	16.69061	16.662	766.1	766.1	766.1	17.48654	17.5	17.4
10/13/2016 01:04:58	16.67411	16.69279	16.65621	766.0648	766.1	766	17.48321	17.5	17.3
10/13/2016 01:09:58	16.67411	16.69279	16.65621	766.0648	766.1	766	17.48321	17.5	17.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 01:14:58	16.67569	16.69701	16.65838	765.9211	766	765.9	17.45635	17.5	17.3
10/13/2016 01:19:58	16.67569	16.69701	16.65838	765.9211	766	765.9	17.45635	17.5	17.3
10/13/2016 01:24:58	16.67563	16.70398	16.65463	765.9486	766	765.9	17.49664	17.5	17.4
10/13/2016 01:29:58	16.67563	16.70398	16.65463	765.9486	766	765.9	17.49664	17.5	17.4
10/13/2016 01:34:58	16.67642	16.69608	16.65634	766	766	766	17.5	17.5	17.5
10/13/2016 01:39:58	16.67642	16.69608	16.65634	766	766	766	17.5	17.5	17.5
10/13/2016 01:44:58	16.67752	16.70655	16.65463	765.9131	766	765.9	17.28992	17.3	17.2
10/13/2016 01:49:58	16.67752	16.70655	16.65463	765.9131	766	765.9	17.28992	17.3	17.2
10/13/2016 01:54:58	16.67735	16.69701	16.6568	765.9	765.9	765.9	17.02687	17.2	16.9
10/13/2016 01:59:58	16.67735	16.69701	16.6568	765.9	765.9	765.9	17.02687	17.2	16.9
10/13/2016 02:04:58	16.67622	16.69701	16.65101	765.9	765.9	765.9	16.91279	17	16.8
10/13/2016 02:09:58	16.67744	16.69701	16.6568	765.895	765.9	765.8	16.73021	16.8	16.7
10/13/2016 02:14:58	16.67744	16.69701	16.6568	765.895	765.9	765.8	16.73021	16.8	16.7
10/13/2016 02:19:58	16.67645	16.69701	16.6568	765.8829	765.9	765.8	16.64356	16.7	16.6
10/13/2016 02:24:58	16.67763	16.68746	16.6568	765.9	765.9	765.9	16.61278	16.7	16.6
10/13/2016 02:29:58	16.67763	16.68746	16.6568	765.9	765.9	765.9	16.61278	16.7	16.6
10/13/2016 02:34:58	16.67738	16.68746	16.6568	765.9	765.9	765.9	16.59326	16.6	16.4
10/13/2016 02:39:58	16.67757	16.68746	16.6568	765.9	765.9	765.9	16.57985	16.6	16.4
10/13/2016 02:44:58	16.67272	16.69663	16.65476	765.9	765.9	765.9	16.55097	16.6	16.3
10/13/2016 02:49:58	16.67272	16.69663	16.65476	765.9	765.9	765.9	16.55097	16.6	16.3
10/13/2016 02:54:58	16.67537	16.68916	16.65272	765.9	765.9	765.9	16.46389	16.6	16.3
10/13/2016 02:59:58	16.67387	16.68927	16.65272	765.8303	765.9	765.8	16.31006	16.4	16.3
10/13/2016 03:04:58	16.67387	16.68927	16.65272	765.8303	765.9	765.8	16.31006	16.4	16.3
10/13/2016 03:09:58	16.67404	16.69826	16.64487	765.8524	765.9	765.8	16.30604	16.4	16.2
10/13/2016 03:14:58	16.67251	16.69462	16.65283	765.8	765.8	765.8	16.29663	16.3	16.2
10/13/2016 03:19:58	16.67414	16.70253	16.65489	765.801	765.9	765.8	16.27647	16.3	16.2
10/13/2016 03:24:58	16.67414	16.70253	16.65489	765.801	765.9	765.8	16.27647	16.3	16.2
10/13/2016 03:29:58	16.67581	16.6988	16.66224	765.8051	765.9	765.8	16.27645	16.3	16.2
10/13/2016 03:34:58	16.6733	16.6988	16.66068	765.8021	765.9	765.8	16.30325	16.4	16.3
10/13/2016 03:39:58	16.6731	16.70087	16.66068	765.8	765.8	765.8	16.34001	16.6	16.3
10/13/2016 03:44:58	16.67648	16.69918	16.65318	765.8	765.8	765.8	16.53954	16.6	16.3
10/13/2016 03:49:58	16.67474	16.70498	16.64943	765.8	765.8	765.8	16.65693	16.8	16.6
10/13/2016 03:54:58	16.67485	16.69542	16.65505	765.892	765.9	765.8	16.77704	16.9	16.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 03:59:58	16.67482	16.68949	16.6646	765.9	765.9	765.9	16.94089	17	16.8
10/13/2016 04:04:58	16.67641	16.69745	16.65127	765.894	765.9	765.8	17.29661	17.4	17.2
10/13/2016 04:09:58	16.67641	16.69745	16.65127	765.894	765.9	765.8	17.29661	17.4	17.2
10/13/2016 04:14:58	16.67757	16.68789	16.663	765.8041	765.9	765.8	17.46304	17.5	17.4
10/13/2016 04:19:58	16.67549	16.68411	16.66499	765.8	765.8	765.8	17.64713	17.9	17.6
10/13/2016 04:24:58	16.67549	16.68411	16.66499	765.8	765.8	765.8	17.64713	17.9	17.6
10/13/2016 04:29:58	16.67512	16.68789	16.65921	765.8	765.8	765.8	17.99062	18.1	17.9
10/13/2016 04:34:58	16.67512	16.68789	16.65921	765.8	765.8	765.8	17.99062	18.1	17.9
10/13/2016 04:39:58	16.67568	16.68789	16.65543	765.8	765.8	765.8	18.15374	18.2	18.1
10/13/2016 04:44:58	16.67529	16.69406	16.65543	765.7698	765.8	765.7	18.23021	18.5	18.1
10/13/2016 04:49:58	16.67704	16.69745	16.663	765.792	765.8	765.7	18.38122	18.5	18.2
10/13/2016 04:54:58	16.67704	16.69745	16.663	765.792	765.8	765.7	18.38122	18.5	18.2
10/13/2016 04:59:58	16.67518	16.69962	16.663	765.7758	765.8	765.7	18.33573	18.5	18.2
10/13/2016 05:04:58	16.67715	16.68789	16.64767	765.8	765.8	765.8	18.27729	18.5	18.2
10/13/2016 05:09:58	16.67715	16.68789	16.64767	765.8	765.8	765.8	18.27729	18.5	18.2
10/13/2016 05:14:58	16.67545	16.68949	16.65127	765.8587	765.9	765.8	18.24571	18.5	18.2
10/13/2016 05:19:58	16.67683	16.68949	16.65127	765.9	765.9	765.9	18.28241	18.5	18.2
10/13/2016 05:24:58	16.67302	16.6915	16.65326	765.9	765.9	765.9	18.33634	18.5	18.2
10/13/2016 05:29:58	16.67302	16.6915	16.65326	765.9	765.9	765.9	18.33634	18.5	18.2
10/13/2016 05:34:58	16.67269	16.6915	16.65326	765.9	765.9	765.9	18.38648	18.5	18.2
10/13/2016 05:39:58	16.67286	16.6935	16.65326	765.9	765.9	765.9	18.45299	18.5	18.2
10/13/2016 05:44:58	16.67297	16.69928	16.6437	765.9	765.9	765.9	18.49328	18.5	18.4
10/13/2016 05:49:58	16.67297	16.69928	16.6437	765.9	765.9	765.9	18.49328	18.5	18.4
10/13/2016 05:54:58	16.67289	16.6935	16.65326	765.9	765.9	765.9	18.49732	18.5	18.4
10/13/2016 05:59:58	16.67293	16.6935	16.65326	765.9	765.9	765.9	18.47716	18.5	18.2
10/13/2016 06:04:58	16.67293	16.6935	16.65326	765.9	765.9	765.9	18.47716	18.5	18.2
10/13/2016 06:09:58	16.67342	16.70307	16.65109	765.9293	766	765.9	18.50672	18.6	18.5
10/13/2016 06:14:58	16.67342	16.70307	16.65109	765.9293	766	765.9	18.50672	18.6	18.5
10/13/2016 06:19:58	16.67158	16.70885	16.65143	765.9	765.9	765.9	18.51681	18.6	18.5
10/13/2016 06:24:58	16.67252	16.70307	16.65326	765.9	765.9	765.9	18.49339	18.5	18.4
10/13/2016 06:29:58	16.67252	16.70307	16.65326	765.9	765.9	765.9	18.49339	18.5	18.4
10/13/2016 06:34:58	16.67303	16.69888	16.65488	766	766	766	18.39937	18.5	18.2
10/13/2016 06:39:58	16.67155	16.6931	16.65488	765.999	766	765.9	18.34648	18.5	18.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 06:44:58	16.67155	16.6931	16.65488	765.999	766	765.9	18.34648	18.5	18.2
10/13/2016 06:49:58	16.67444	16.69904	16.65288	765.9202	766	765.9	18.27389	18.5	18.2
10/13/2016 06:54:58	16.67218	16.70062	16.65288	766	766	766	18.13952	18.2	18
10/13/2016 06:59:58	16.67218	16.70062	16.65288	766	766	766	18.13952	18.2	18
10/13/2016 07:04:58	16.67344	16.70062	16.65288	765.9909	766	765.9	18.03964	18.2	18
10/13/2016 07:09:58	16.67344	16.70062	16.65288	765.9909	766	765.9	18.03964	18.2	18
10/13/2016 07:14:58	16.6728	16.70062	16.65665	766	766	766	17.98321	18	17.9
10/13/2016 07:19:58	16.6728	16.70062	16.65665	766	766	766	17.98321	18	17.9
10/13/2016 07:24:58	16.6732	16.69483	16.66619	766.001	766.1	766	17.9	17.9	17.9
10/13/2016 07:29:58	16.6732	16.69483	16.66619	766.001	766.1	766	17.9	17.9	17.9
10/13/2016 07:34:58	16.67434	16.69093	16.65288	766.0393	766.1	766	17.9	17.9	17.9
10/13/2016 07:39:58	16.67601	16.70089	16.65488	766.0239	766.1	765.9	17.91007	18	17.9
10/13/2016 07:44:58	16.67489	16.70301	16.65697	766	766	766	18.00335	18.1	17.9
10/13/2016 07:49:58	16.67489	16.70301	16.65697	766	766	766	18.00335	18.1	17.9
10/13/2016 07:54:58	16.67603	16.70301	16.65697	766	766	766	18.22064	18.5	18.1
10/13/2016 07:59:58	16.67248	16.69702	16.64306	766.0994	766.3	766	18.8312	19.1	18.6
10/13/2016 08:04:58	16.67248	16.69702	16.64306	766.0994	766.3	766	18.8312	19.1	18.6
10/13/2016 08:09:58	16.67442	16.69267	16.66365	766.3867	766.4	766.3	19.57148	19.8	19.3
10/13/2016 08:14:58	16.67442	16.69267	16.66365	766.3867	766.4	766.3	19.57148	19.8	19.3
10/13/2016 08:19:58	16.67302	16.69023	16.6614	766.497	766.5	766.4	20.19786	20.3	20
10/13/2016 08:24:58	16.67302	16.69023	16.6614	766.497	766.5	766.4	20.19786	20.3	20
10/13/2016 08:29:58	16.67734	16.70567	16.65593	766.3008	766.4	766.2	20.60746	20.8	20.5
10/13/2016 08:34:58	16.67734	16.70567	16.65593	766.3008	766.4	766.2	20.60746	20.8	20.5
10/13/2016 08:39:58	16.67431	16.68992	16.65524	766.3688	766.4	766.2	20.96759	21.2	20.8
10/13/2016 08:44:58	16.67745	16.68953	16.6631	766.5378	766.7	766.4	21.5	21.5	21.5
10/13/2016 08:49:58	16.67745	16.68953	16.6631	766.5378	766.7	766.4	21.5	21.5	21.5
10/13/2016 08:54:58	16.67693	16.70586	16.66133	766.6868	766.8	766.5	21.60068	21.7	21.5
10/13/2016 08:59:58	16.67707	16.68833	16.6633	766.9	766.9	766.9	22.21343	22.3	22.2
10/13/2016 09:04:58	16.67707	16.68833	16.6633	766.9	766.9	766.9	22.21343	22.3	22.2
10/13/2016 09:09:58	16.67417	16.69472	16.65618	766.9053	767	766.9	22.24701	22.3	22.2
10/13/2016 09:14:58	16.67783	16.70401	16.65974	766.9949	767	766.9	22.1765	22.2	22.1
10/13/2016 09:19:58	16.67676	16.69828	16.66365	766.9786	767	766.9	22.03288	22.2	21.8
10/13/2016 09:24:58	16.67496	16.70422	16.66389	766.9829	767	766.9	21.52621	21.6	21.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 09:29:58	16.67496	16.70422	16.66389	766.9829	767	766.9	21.52621	21.6	21.4
10/13/2016 09:34:58	16.67626	16.69491	16.66389	766.9204	767	766.9	21.21017	21.4	21.1
10/13/2016 09:39:58	16.67757	16.6966	16.65056	767	767	767	21.02014	21.1	20.9
10/13/2016 09:44:58	16.67488	16.70034	16.65427	767	767	767	20.90001	21	20.8
10/13/2016 09:49:58	16.67874	16.70016	16.6633	766.9444	767	766.9	20.85295	20.9	20.6
10/13/2016 09:54:58	16.67279	16.69754	16.6571	766.9	766.9	766.9	21.34411	21.5	21.1
10/13/2016 09:59:58	16.6736	16.69363	16.65312	766.9678	767	766.9	21.70377	22	21.5
10/13/2016 10:04:58	16.6736	16.69363	16.65312	766.9678	767	766.9	21.70377	22	21.5
10/13/2016 10:09:58	16.67432	16.70418	16.64587	766.8	766.8	766.8	22.55473	22.9	22.3
10/13/2016 10:14:58	16.67432	16.70418	16.64587	766.8	766.8	766.8	22.55473	22.9	22.3
10/13/2016 10:19:58	16.67496	16.69961	16.65201	766.9028	767	766.8	23.65552	23.9	23.3
10/13/2016 10:24:58	16.67496	16.69961	16.65201	766.9028	767	766.8	23.65552	23.9	23.3
10/13/2016 10:29:58	16.67374	16.68878	16.658	766.6957	766.8	766.6	24.11076	24.2	24
10/13/2016 10:34:58	16.67374	16.68878	16.658	766.6957	766.8	766.6	24.11076	24.2	24
10/13/2016 10:39:58	16.67727	16.68913	16.66188	766.6021	766.7	766.6	24.10346	24.2	24
10/13/2016 10:44:58	16.67524	16.69563	16.65971	766.692	766.8	766.6	23.93291	24	23.9
10/13/2016 10:49:58	16.67524	16.69563	16.65971	766.692	766.8	766.6	23.93291	24	23.9
10/13/2016 10:54:58	16.67441	16.69305	16.65445	766.7353	766.8	766.7	23.77916	24	23.6
10/13/2016 10:59:58	16.67441	16.69305	16.65445	766.7353	766.8	766.7	23.77916	24	23.6
10/13/2016 11:04:58	16.67572	16.70315	16.65516	766.7242	766.8	766.7	23.61009	23.8	23.5
10/13/2016 11:09:58	16.67572	16.70315	16.65516	766.7242	766.8	766.7	23.61009	23.8	23.5
10/13/2016 11:14:58	16.67317	16.68569	16.65882	766.9839	767	766.9	23.94702	24	23.9
10/13/2016 11:19:58	16.67317	16.68569	16.65882	766.9839	767	766.9	23.94702	24	23.9
10/13/2016 11:24:58	16.67463	16.69515	16.65538	766.8089	766.9	766.7	23.98992	24.1	23.9
10/13/2016 11:29:58	16.67463	16.69515	16.65538	766.8089	766.9	766.7	23.98992	24.1	23.9
10/13/2016 11:34:58	16.67433	16.6922	16.66052	766.827	766.9	766.7	24.03961	24.2	23.9
10/13/2016 11:39:58	16.67433	16.6922	16.66052	766.827	766.9	766.7	24.03961	24.2	23.9
10/13/2016 11:44:58	16.67612	16.69563	16.65901	766.6675	766.7	766.6	24.05699	24.1	24
10/13/2016 11:49:58	16.67439	16.70284	16.65516	766.603	766.7	766.6	24.08319	24.1	24
10/13/2016 11:54:58	16.67306	16.69312	16.65097	766.5766	766.6	766.5	24.36294	24.5	24.2
10/13/2016 11:59:58	16.67306	16.69312	16.65097	766.5766	766.6	766.5	24.36294	24.5	24.2
10/13/2016 12:04:58	16.67577	16.69747	16.64642	766.4	766.4	766.4	24.50002	24.6	24.4
10/13/2016 12:09:58	16.67577	16.69747	16.64642	766.4	766.4	766.4	24.50002	24.6	24.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 12:14:58	16.67393	16.68992	16.64941	766.3	766.3	766.3	24.61007	24.7	24.6
10/13/2016 12:19:58	16.67393	16.68992	16.64941	766.3	766.3	766.3	24.61007	24.7	24.6
10/13/2016 12:24:58	16.67398	16.69073	16.65425	766.3	766.3	766.3	24.69727	24.8	24.6
10/13/2016 12:29:58	16.67398	16.69073	16.65425	766.3	766.3	766.3	24.69727	24.8	24.6
10/13/2016 12:34:58	16.67366	16.69044	16.6459	766.2	766.2	766.2	24.79327	24.8	24.7
10/13/2016 12:39:58	16.67366	16.69044	16.6459	766.2	766.2	766.2	24.79327	24.8	24.7
10/13/2016 12:44:58	16.67733	16.70266	16.65642	766.1756	766.2	766.1	24.77055	24.8	24.6
10/13/2016 12:49:58	16.67629	16.69726	16.65538	766.0615	766.1	766	24.82014	25	24.8
10/13/2016 12:54:58	16.67629	16.69726	16.65538	766.0615	766.1	766	24.82014	25	24.8
10/13/2016 12:59:58	16.67241	16.69159	16.65509	766	766	766	24.81346	25	24.8
10/13/2016 13:04:58	16.67407	16.6843	16.65509	766	766	766	24.82685	25	24.7
10/13/2016 13:09:58	16.67368	16.69127	16.66076	765.9219	766	765.8	24.78723	25	24.7
10/13/2016 13:14:58	16.67317	16.69091	16.65184	765.8	765.8	765.8	24.97449	25.1	24.8
10/13/2016 13:19:58	16.67317	16.69091	16.65184	765.8	765.8	765.8	24.97449	25.1	24.8
10/13/2016 13:24:58	16.67594	16.68935	16.65911	765.7515	765.8	765.7	25.12677	25.2	25
10/13/2016 13:29:58	16.67594	16.69309	16.65659	765.699	765.7	765.6	25.16301	25.2	25
10/13/2016 13:34:58	16.67378	16.68995	16.65659	765.6897	765.7	765.6	25.13965	25.2	25.1
10/13/2016 13:39:58	16.67631	16.6937	16.66129	765.596	765.6	765.5	25.11019	25.2	25
10/13/2016 13:44:58	16.67465	16.70093	16.65682	765.5809	765.6	765.5	25.1738	25.3	25.1
10/13/2016 13:49:58	16.67492	16.70552	16.65357	765.6	765.6	765.6	25.24422	25.3	25.1
10/13/2016 13:54:58	16.67492	16.70552	16.65357	765.6	765.6	765.6	25.24422	25.3	25.1
10/13/2016 13:59:58	16.67332	16.70093	16.64489	765.6	765.6	765.6	25.3534	25.6	25.3
10/13/2016 14:04:58	16.67744	16.69899	16.66093	765.5111	765.6	765.5	25.37187	25.6	25.3
10/13/2016 14:09:58	16.67436	16.68829	16.65937	765.499	765.5	765.4	25.33024	25.6	25.2
10/13/2016 14:14:58	16.67572	16.69551	16.65075	765.4	765.4	765.4	25.28003	25.6	25.1
10/13/2016 14:19:58	16.67562	16.69464	16.65812	765.2486	765.3	765.2	25.20335	25.3	25.1
10/13/2016 14:24:58	16.67562	16.69464	16.65812	765.2486	765.3	765.2	25.20335	25.3	25.1
10/13/2016 14:29:58	16.6777	16.69464	16.65812	765.2	765.2	765.2	25.11678	25.2	25
10/13/2016 14:34:58	16.6777	16.69464	16.65812	765.2	765.2	765.2	25.11678	25.2	25
10/13/2016 14:39:58	16.67772	16.70344	16.65294	765.1038	765.2	765	25.12341	25.2	25
10/13/2016 14:44:58	16.67222	16.68943	16.65491	765.0406	765.2	765	25.21679	25.3	25.1
10/13/2016 14:49:58	16.67523	16.69649	16.6557	764.9456	765	764.8	25.63159	25.9	25.3
10/13/2016 14:54:58	16.67523	16.69649	16.6557	764.9456	765	764.8	25.63159	25.9	25.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 14:59:58	16.67565	16.70772	16.64655	765.0313	765.1	765	26.24008	26.4	26
10/13/2016 15:04:58	16.67439	16.73363	16.60228	765.1033	765.2	765	26.43947	27.2	25.9
10/13/2016 15:09:58	16.67439	16.73363	16.60228	765.1033	765.2	765	26.43947	27.2	25.9
10/13/2016 15:14:58	16.67592	16.76733	16.56103	765.1262	765.2	765	26.60302	27.8	24.7
10/13/2016 15:19:58	16.67381	16.79714	16.58824	765.1899	765.2	765.1	26.72949	27.8	25.9
10/13/2016 15:24:58	16.67617	16.70903	16.64018	765.2	765.2	765.2	26.55836	27.1	26
10/13/2016 15:29:58	16.67537	16.74359	16.60228	765.1431	765.2	765	26.00915	26.9	25.2
10/13/2016 15:34:58	16.67537	16.74359	16.60228	765.1431	765.2	765	26.00915	26.9	25.2
10/13/2016 15:39:58	16.67362	16.73711	16.62727	765.1647	765.2	765	25.85461	26.9	25.1
10/13/2016 15:44:58	16.67348	16.75184	16.59149	765.1788	765.2	765	25.63341	26.6	24.8
10/13/2016 15:49:58	16.67271	16.73486	16.56396	765.1506	765.2	765	25.37732	26.5	24.4
10/13/2016 15:54:58	16.67591	16.74839	16.57154	764.9252	765.1	764.7	24.96944	26.3	24.1
10/13/2016 15:59:58	16.67591	16.74839	16.57154	764.9252	765.1	764.7	24.96944	26.3	24.1
10/13/2016 16:04:58	16.67474	16.72078	16.63489	764.8204	764.9	764.6	24.86654	25.4	24.6
10/13/2016 16:09:58	16.67474	16.72078	16.63489	764.8204	764.9	764.6	24.86654	25.4	24.6
10/13/2016 16:14:58	16.67617	16.70553	16.65701	764.8131	764.9	764.6	24.81341	25.1	24.6
10/13/2016 16:19:58	16.67617	16.70138	16.65379	764.6992	764.9	764.6	24.8468	25	24.7
10/13/2016 16:24:58	16.67702	16.69939	16.65434	764.7119	764.8	764.6	24.96464	25.2	24.8
10/13/2016 16:29:58	16.67428	16.70553	16.65354	764.6584	764.8	764.5	24.84377	25.1	24.7
10/13/2016 16:34:58	16.67428	16.70553	16.65354	764.6584	764.8	764.5	24.84377	25.1	24.7
10/13/2016 16:39:58	3.02974	16.6851	0	764.5433	764.6	764.5	24.51969	24.8	24.2
10/13/2016 16:44:58	0	0	0	764.5	764.5	764.5	24.28393	24.6	24.1
10/13/2016 16:49:58	0	0	0	764.4101	764.5	764.4	23.78991	24	23.6
10/13/2016 16:54:58	0	0	0	764.4101	764.5	764.4	23.78991	24	23.6
10/13/2016 16:59:58	0	0	0	764.3656	764.5	764.3	23.6941	23.9	23.6
10/13/2016 17:04:58	0	0	0	764.3505	764.4	764.3	23.36585	23.5	23.3
10/13/2016 17:09:58	0	0	0	764.3	764.3	764.3	23.11639	23.3	22.9
10/13/2016 17:14:58	0	0	0	764.294	764.3	764.1	22.82969	23	22.7
10/13/2016 17:19:58	0	0	0	764.2071	764.3	764.2	22.60641	22.8	22.3
10/13/2016 17:24:58	0	0	0	764.2071	764.3	764.2	22.60641	22.8	22.3
10/13/2016 17:29:58	0	0	0	764.1464	764.2	764.1	22.30281	22.6	22.2
10/13/2016 17:34:58	0	0	0	764.0292	764.1	764	22.14971	22.2	22
10/13/2016 17:39:58	0	0	0	764.001	764.1	764	21.89609	22.1	21.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 17:44:58	0	0	0	764.001	764.1	764	21.65913	21.8	21.6
10/13/2016 17:49:58	0	0	0	763.9	763.9	763.9	21.40292	21.5	21.2
10/13/2016 17:54:58	0	0	0	763.9	763.9	763.9	21.18198	21.4	21.1
10/13/2016 17:59:58	0	0	0	763.8192	763.9	763.8	21.0297	21.1	20.9
10/13/2016 18:04:58	0	0	0	763.8192	763.9	763.8	21.0297	21.1	20.9
10/13/2016 18:09:58	0	0	0	763.8363	763.9	763.8	20.76599	20.9	20.6
10/13/2016 18:14:58	0	0	0	763.8363	763.9	763.8	20.76599	20.9	20.6
10/13/2016 18:19:58	0	0	0	763.8	763.8	763.8	20.54971	20.6	20.5
10/13/2016 18:24:58	0	0	0	763.7776	763.8	763.7	20.49262	20.6	20.3
10/13/2016 18:29:58	0	0	0	763.7	763.7	763.7	20.34301	20.5	20.2
10/13/2016 18:34:58	0	0	0	763.796	763.8	763.7	20.22956	20.3	20.2
10/13/2016 18:39:58	0	0	0	763.796	763.8	763.7	20.12632	20.2	20
10/13/2016 18:44:58	0	0	0	763.8	763.8	763.8	19.96516	20.2	19.9
10/13/2016 18:49:58	0	0	0	763.7888	763.8	763.7	19.84914	20	19.7
10/13/2016 18:54:58	0	0	0	763.786	763.8	763.7	19.71008	19.8	19.7
10/13/2016 18:59:58	0	0	0	763.8547	763.9	763.8	19.62619	19.7	19.6
10/13/2016 19:04:58	0	0	0	763.9294	764	763.9	19.59353	19.6	19.4
10/13/2016 19:09:58	0	0	0	764.0668	764.1	764	19.52634	19.6	19.3
10/13/2016 19:14:58	0	0	0	764.2111	764.3	764.1	19.42016	19.6	19.3
10/13/2016 19:19:58	0	0	0	764.2587	764.3	764.2	19.26638	19.4	19.2
10/13/2016 19:24:58	0	0	0	764.3	764.3	764.3	19.21343	19.3	19.2
10/13/2016 19:29:58	0	0	0	764.3	764.3	764.3	19.21343	19.3	19.2
10/13/2016 19:34:58	0	0	0	764.1109	764.3	764	19.18355	19.2	19.1
10/13/2016 19:39:58	16.38609	16.6978	0	764.2383	764.3	764	19.06322	19.2	19
10/13/2016 19:44:58	16.6766	16.6978	16.65794	764.1857	764.3	764	18.91291	19	18.8
10/13/2016 19:49:58	16.67615	16.69472	16.66012	764.0577	764.1	764	18.76654	18.8	18.6
10/13/2016 19:54:58	16.67378	16.69036	16.66152	764.1607	764.2	764.1	18.61008	18.7	18.6
10/13/2016 19:59:58	16.67613	16.69036	16.6632	764.275	764.4	764.2	18.52958	18.6	18.4
10/13/2016 20:04:58	16.67307	16.686	16.65142	764.4011	764.5	764.4	18.40965	18.5	18.2
10/13/2016 20:09:58	16.67307	16.686	16.65142	764.4011	764.5	764.4	18.40965	18.5	18.2
10/13/2016 20:14:58	16.67187	16.69562	16.66103	764.4	764.4	764.4	18.24211	18.5	18.2
10/13/2016 20:19:58	16.67669	16.68986	16.6627	764.4839	764.5	764.4	18.16651	18.2	18.1
10/13/2016 20:24:58	16.67669	16.68986	16.6627	764.4839	764.5	764.4	18.16651	18.2	18.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 20:29:58	16.67578	16.68768	16.66079	764.5	764.5	764.5	18.10336	18.2	18
10/13/2016 20:34:58	16.67578	16.68768	16.66079	764.5	764.5	764.5	18.10336	18.2	18
10/13/2016 20:39:58	16.67639	16.69728	16.66079	764.5	764.5	764.5	18.05295	18.1	18
10/13/2016 20:44:58	16.67626	16.69728	16.66053	764.5272	764.6	764.5	18.0402	18.1	18
10/13/2016 20:49:58	16.67642	16.68768	16.66079	764.501	764.6	764.5	18.01343	18.2	18
10/13/2016 20:54:58	16.67642	16.68768	16.66079	764.501	764.6	764.5	18.01343	18.2	18
10/13/2016 20:59:58	16.67705	16.6951	16.65861	764.594	764.6	764.5	18.00672	18.1	18
10/13/2016 21:04:58	16.67705	16.6951	16.65861	764.594	764.6	764.5	18.00672	18.1	18
10/13/2016 21:09:58	16.67786	16.6951	16.65861	764.6021	764.7	764.6	18.02015	18.2	18
10/13/2016 21:14:58	16.67786	16.6951	16.65861	764.6021	764.7	764.6	18.02015	18.2	18
10/13/2016 21:19:58	16.67615	16.69293	16.65644	764.7	764.7	764.7	18.00673	18.1	18
10/13/2016 21:24:58	16.67615	16.69293	16.65644	764.7	764.7	764.7	18.00673	18.1	18
10/13/2016 21:29:58	16.67511	16.68716	16.66603	764.7	764.7	764.7	18.0066	18.1	17.9
10/13/2016 21:34:58	16.67511	16.68716	16.66603	764.7	764.7	764.7	18.0066	18.1	17.9
10/13/2016 21:39:58	16.67173	16.68281	16.66169	764.9	764.9	764.9	17.98991	18.1	17.9
10/13/2016 21:44:58	16.67173	16.68281	16.66169	764.9	764.9	764.9	17.98991	18.1	17.9
10/13/2016 21:49:58	16.67154	16.68281	16.66169	764.9	764.9	764.9	18	18	18
10/13/2016 21:54:58	16.67626	16.69788	16.66334	764.9788	765	764.9	17.98992	18	17.9
10/13/2016 21:59:58	16.67626	16.69788	16.66334	764.9788	765	764.9	17.98992	18	17.9
10/13/2016 22:04:58	16.67778	16.68829	16.66334	765	765	765	17.98991	18.1	17.9
10/13/2016 22:09:58	16.67647	16.69788	16.66117	765.0566	765.1	765	17.96722	18	17.9
10/13/2016 22:14:58	16.67647	16.69788	16.66117	765.0566	765.1	765	17.96722	18	17.9
10/13/2016 22:19:58	16.67339	16.68993	16.66117	765.1	765.1	765.1	17.90941	18	17.9
10/13/2016 22:24:58	16.67339	16.68993	16.66117	765.1	765.1	765.1	17.90941	18	17.9
10/13/2016 22:29:58	16.67725	16.69373	16.65922	765.1	765.1	765.1	17.89327	17.9	17.8
10/13/2016 22:34:58	16.67725	16.69373	16.65922	765.1	765.1	765.1	17.89327	17.9	17.8
10/13/2016 22:39:58	16.6785	16.68796	16.6688	765.1	765.1	765.1	17.87998	17.9	17.8
10/13/2016 22:44:58	16.6785	16.68796	16.6688	765.1	765.1	765.1	17.87998	17.9	17.8
10/13/2016 22:49:58	16.6774	16.68796	16.66303	765.1	765.1	765.1	17.85362	17.9	17.6
10/13/2016 22:54:58	16.67448	16.68415	16.66499	765.098	765.1	765	17.77336	17.9	17.6
10/13/2016 22:59:58	16.67448	16.68415	16.66499	765.098	765.1	765	17.77336	17.9	17.6
10/13/2016 23:04:58	16.6777	16.69754	16.6688	765.1	765.1	765.1	17.74883	17.9	17.6
10/13/2016 23:09:58	16.6777	16.69754	16.6688	765.1	765.1	765.1	17.74883	17.9	17.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 23:14:58	16.67595	16.69373	16.6688	765.0557	765.1	765	17.77567	17.9	17.6
10/13/2016 23:19:58	16.67438	16.68796	16.66139	765.0141	765.1	765	17.66252	17.9	17.6
10/13/2016 23:24:58	16.67115	16.68056	16.65366	765	765	765	17.72428	17.9	17.6
10/13/2016 23:29:58	16.67368	16.69394	16.66323	765	765	765	17.68738	17.9	17.6
10/13/2016 23:34:58	16.6732	16.70352	16.65366	765	765	765	17.62015	17.8	17.6
10/13/2016 23:39:58	16.67466	16.69573	16.65746	765	765	765	17.62552	17.8	17.6
10/13/2016 23:44:58	16.67554	16.68995	16.65529	765.0214	765.1	765	17.6	17.6	17.6
10/13/2016 23:49:58	16.67455	16.70312	16.6533	765.1083	765.2	765.1	17.6067	17.8	17.6
10/13/2016 23:54:58	16.67455	16.70312	16.6533	765.1083	765.2	765.1	17.6067	17.8	17.6
10/13/2016 23:59:58	16.67458	16.69356	16.65113	765.1728	765.2	765.1	17.60672	17.8	17.6
10/14/2016 00:04:58	16.67298	16.68937	16.65113	765.199	765.2	765.1	17.674	17.9	17.6
10/14/2016 00:09:58	16.67298	16.68937	16.65113	765.199	765.2	765.1	17.674	17.9	17.6
10/14/2016 00:14:58	16.67481	16.69516	16.65691	765.1839	765.2	765.1	17.71863	17.9	17.6
10/14/2016 00:19:58	16.67483	16.69516	16.66069	765.1859	765.2	765.1	17.77631	17.9	17.6
10/14/2016 00:24:58	16.67348	16.68937	16.66069	765.2	765.2	765.2	17.83631	17.9	17.6
10/14/2016 00:29:58	16.67624	16.68937	16.66069	765.199	765.2	765.1	17.81951	17.9	17.6
10/14/2016 00:34:58	16.67475	16.68937	16.66069	765.2	765.2	765.2	17.80368	17.9	17.6
10/14/2016 00:39:58	16.67428	16.68575	16.66447	765.194	765.2	765.1	17.63356	17.8	17.6
10/14/2016 00:44:58	16.67428	16.68575	16.66447	765.194	765.2	765.1	17.63356	17.8	17.6
10/14/2016 00:49:58	16.67395	16.68358	16.66245	765.2	765.2	765.2	17.62687	17.8	17.6
10/14/2016 00:54:58	16.67395	16.68358	16.66245	765.2	765.2	765.2	17.62687	17.8	17.6
10/14/2016 00:59:58	16.67489	16.69138	16.66069	765.2	765.2	765.2	17.81641	17.9	17.6
10/14/2016 01:04:58	16.67489	16.69138	16.66069	765.2	765.2	765.2	17.81641	17.9	17.6
10/14/2016 01:09:58	16.67425	16.68937	16.66447	765.2	765.2	765.2	17.89327	17.9	17.8
10/14/2016 01:14:58	16.67425	16.68937	16.66447	765.2	765.2	765.2	17.89327	17.9	17.8
10/14/2016 01:19:58	16.67376	16.68358	16.66245	765.2	765.2	765.2	17.89664	17.9	17.8
10/14/2016 01:24:58	16.67376	16.68358	16.66245	765.2	765.2	765.2	17.89664	17.9	17.8
10/14/2016 01:29:58	16.67608	16.69096	16.66028	765.298	765.3	765.2	17.8867	17.9	17.8
10/14/2016 01:34:58	16.67608	16.69096	16.66028	765.298	765.3	765.2	17.8867	17.9	17.8
10/14/2016 01:39:58	16.6754	16.70051	16.66028	765.3	765.3	765.3	17.85968	17.9	17.8
10/14/2016 01:44:58	16.67588	16.6908	16.66212	765.3193	765.4	765.3	17.87643	17.9	17.6
10/14/2016 01:49:58	16.67588	16.6908	16.66212	765.4	765.4	765.4	17.89665	17.9	17.8
10/14/2016 01:54:58	16.67575	16.68703	16.65635	765.4	765.4	765.4	17.92338	18	17.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 01:59:58	16.67442	16.69281	16.66212	765.4	765.4	765.4	18.03348	18.1	18
10/14/2016 02:04:58	16.67442	16.69281	16.66212	765.4	765.4	765.4	18.03348	18.1	18
10/14/2016 02:09:58	16.67568	16.68703	16.66212	765.4	765.4	765.4	18.0832	18.2	18
10/14/2016 02:14:58	16.67532	16.68703	16.66212	765.4	765.4	765.4	18.1632	18.2	18.1
10/14/2016 02:19:58	16.6761	16.69659	16.65635	765.4	765.4	765.4	18.16974	18.2	18.1
10/14/2016 02:24:58	16.6761	16.69659	16.65635	765.4	765.4	765.4	18.16974	18.2	18.1
10/14/2016 02:29:58	16.67502	16.68703	16.66012	765.4041	765.5	765.4	18.18319	18.2	18.1
10/14/2016 02:34:58	16.67649	16.68502	16.66012	765.4	765.4	765.4	18.15649	18.2	18
10/14/2016 02:39:58	16.67532	16.6892	16.6643	765.3	765.3	765.3	18.14302	18.2	18
10/14/2016 02:44:58	16.67559	16.6892	16.65852	765.292	765.3	765.2	18.16034	18.2	18
10/14/2016 02:49:58	16.67559	16.6892	16.65852	765.292	765.3	765.2	18.16034	18.2	18
10/14/2016 02:54:58	16.67698	16.6892	16.66051	765.3	765.3	765.3	18.17712	18.2	18.1
10/14/2016 02:59:58	16.67698	16.6892	16.66051	765.3	765.3	765.3	18.17712	18.2	18.1
10/14/2016 03:04:58	16.676	16.6892	16.6643	765.3	765.3	765.3	18.18991	18.2	18.1
10/14/2016 03:09:58	16.676	16.6892	16.6643	765.3	765.3	765.3	18.18991	18.2	18.1
10/14/2016 03:14:58	16.67638	16.68937	16.66447	765.291	765.3	765.2	18.19662	18.2	18.1
10/14/2016 03:19:58	16.67638	16.68937	16.66447	765.291	765.3	765.2	18.19662	18.2	18.1
10/14/2016 03:24:58	16.67365	16.68937	16.66229	765.2191	765.3	765.2	18.2	18.2	18.2
10/14/2016 03:29:58	16.67225	16.69138	16.67025	765.2	765.2	765.2	18.2067	18.4	18.1
10/14/2016 03:34:58	16.67159	16.69313	16.65491	765.2	765.2	765.2	18.20675	18.4	18.2
10/14/2016 03:39:58	16.67159	16.69313	16.65491	765.2	765.2	765.2	18.20675	18.4	18.2
10/14/2016 03:44:58	16.67479	16.69154	16.66268	765.1383	765.2	765.1	18.16976	18.2	18.1
10/14/2016 03:49:58	16.67479	16.69154	16.66268	765.1383	765.2	765.1	18.16976	18.2	18.1
10/14/2016 03:54:57	16.67397	16.68399	16.65113	765.1839	765.2	765.1	18.17045	18.2	18.1
10/14/2016 03:59:58	16.67341	16.68559	16.66069	765.2	765.2	765.2	18.19665	18.4	18.1
10/14/2016 04:04:58	16.67317	16.69138	16.66069	765.2516	765.3	765.2	18.20672	18.4	18.1
10/14/2016 04:09:58	16.67239	16.6892	16.66051	765.3	765.3	765.3	18.27736	18.5	18.2
10/14/2016 04:14:58	16.67542	16.68741	16.66051	765.3	765.3	765.3	18.31289	18.5	18.2
10/14/2016 04:19:58	16.67593	16.69698	16.66051	765.3	765.3	765.3	18.42137	18.5	18.2
10/14/2016 04:24:58	16.67639	16.69698	16.65672	765.3	765.3	765.3	18.49396	18.5	18.4
10/14/2016 04:29:58	16.67679	16.69698	16.65672	765.3	765.3	765.3	18.52355	18.6	18.5
10/14/2016 04:34:58	16.67658	16.70276	16.65672	765.3	765.3	765.3	18.56637	18.6	18.5
10/14/2016 04:39:58	16.67417	16.68938	16.66064	765.3	765.3	765.3	18.61009	18.7	18.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 04:44:58	16.67417	16.68938	16.66064	765.3	765.3	765.3	18.61009	18.7	18.6
10/14/2016 04:49:58	16.67348	16.68938	16.65488	765.3	765.3	765.3	18.74959	18.8	18.6
10/14/2016 04:54:58	16.67348	16.68938	16.65488	765.3	765.3	765.3	18.74959	18.8	18.6
10/14/2016 04:59:58	16.6754	16.68361	16.66228	765.3192	765.4	765.3	18.76316	18.8	18.6
10/14/2016 05:04:58	16.6754	16.68361	16.66228	765.3192	765.4	765.3	18.76316	18.8	18.6
10/14/2016 05:09:58	16.6729	16.68361	16.66228	765.396	765.4	765.3	18.74033	18.8	18.6
10/14/2016 05:14:58	16.6729	16.68361	16.66228	765.396	765.4	765.3	18.74033	18.8	18.6
10/14/2016 05:19:58	16.67234	16.68361	16.65651	765.3869	765.4	765.3	18.69934	18.8	18.6
10/14/2016 05:24:57	16.67518	16.69101	16.65672	765.3091	765.4	765.3	18.6737	18.8	18.6
10/14/2016 05:29:58	16.67426	16.68361	16.66445	765.301	765.4	765.3	18.70017	18.8	18.6
10/14/2016 05:34:58	16.6743	16.68361	16.66228	765.3564	765.4	765.3	18.76971	18.8	18.6
10/14/2016 05:39:58	16.6743	16.68361	16.66228	765.3564	765.4	765.3	18.76971	18.8	18.6
10/14/2016 05:44:58	16.67283	16.69319	16.66445	765.3132	765.4	765.3	18.80337	19	18.7
10/14/2016 05:49:58	16.67283	16.69319	16.66445	765.3132	765.4	765.3	18.80337	19	18.7
10/14/2016 05:54:58	16.67422	16.69319	16.66445	765.3	765.3	765.3	18.82015	19	18.8
10/14/2016 05:59:58	16.67422	16.69319	16.66445	765.3	765.3	765.3	18.82015	19	18.8
10/14/2016 06:04:58	16.67585	16.69298	16.65847	765.3494	765.4	765.3	18.88034	19	18.8
10/14/2016 06:09:58	16.67585	16.69298	16.65847	765.3494	765.4	765.3	18.88034	19	18.8
10/14/2016 06:14:57	16.67321	16.69319	16.66064	765.3355	765.4	765.3	18.95435	19	18.8
10/14/2016 06:19:58	16.67412	16.69679	16.66228	765.4	765.4	765.4	18.8739	19	18.8
10/14/2016 06:24:57	16.67244	16.70059	16.65455	765.4	765.4	765.4	18.84705	19	18.8
10/14/2016 06:29:58	16.6762	16.69841	16.66392	765.4576	765.5	765.4	18.84705	19	18.8
10/14/2016 06:34:57	16.6762	16.69841	16.66392	765.4576	765.5	765.4	18.84705	19	18.8
10/14/2016 06:39:58	16.67409	16.69101	16.65455	765.4031	765.5	765.4	18.8	18.8	18.8
10/14/2016 06:44:58	16.67456	16.68523	16.66609	765.3928	765.4	765.3	18.79325	18.8	18.7
10/14/2016 06:49:58	16.67456	16.68523	16.66609	765.3928	765.4	765.3	18.79325	18.8	18.7
10/14/2016 06:54:58	16.67385	16.69101	16.66609	765.4	765.4	765.4	18.80672	19	18.8
10/14/2016 06:59:58	16.67612	16.68721	16.67186	765.4	765.4	765.4	18.79327	18.8	18.6
10/14/2016 07:04:58	16.67612	16.68721	16.67186	765.4	765.4	765.4	18.79327	18.8	18.6
10/14/2016 07:09:58	16.67711	16.68721	16.66805	765.4	765.4	765.4	18.81348	19	18.8
10/14/2016 07:14:58	16.67687	16.69679	16.66805	765.4	765.4	765.4	18.84337	19	18.7
10/14/2016 07:19:58	16.67687	16.69679	16.66805	765.4	765.4	765.4	18.84337	19	18.7
10/14/2016 07:24:57	16.67662	16.70256	16.66805	765.4	765.4	765.4	18.81311	19	18.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 07:29:58	16.67515	16.69679	16.66228	765.4	765.4	765.4	18.8605	19	18.8
10/14/2016 07:34:57	16.67515	16.69679	16.66228	765.4	765.4	765.4	18.8605	19	18.8
10/14/2016 07:39:58	16.67631	16.68721	16.66228	765.4011	765.5	765.4	18.88704	19	18.8
10/14/2016 07:44:57	16.67631	16.68721	16.66228	765.4011	765.5	765.4	18.88704	19	18.8
10/14/2016 07:49:58	16.67655	16.69461	16.66588	765.4678	765.5	765.4	18.91936	19	18.8
10/14/2016 07:54:57	16.67457	16.69841	16.65248	765.5092	765.6	765.5	18.89949	19	18.8
10/14/2016 07:59:58	16.6759	16.69623	16.66174	765.6	765.6	765.6	18.86694	19	18.8
10/14/2016 08:04:58	16.67252	16.68666	16.65577	765.6517	765.7	765.6	18.85212	19	18.8
10/14/2016 08:09:58	16.67252	16.68666	16.65577	765.6517	765.7	765.6	18.85212	19	18.8
10/14/2016 08:14:58	16.67217	16.69026	16.65577	765.7	765.7	765.7	18.91257	19	18.8
10/14/2016 08:19:57	16.67297	16.69406	16.66154	765.7	765.7	765.7	18.93277	19	18.8
10/14/2016 08:24:58	16.67295	16.69984	16.66534	765.707	765.8	765.7	18.93948	19	18.8
10/14/2016 08:29:57	16.67767	16.69766	16.66317	765.796	765.8	765.7	18.97311	19	18.8
10/14/2016 08:34:58	16.67716	16.69386	16.6536	765.8	765.8	765.8	18.9731	19	18.8
10/14/2016 08:39:58	16.67475	16.68809	16.65143	765.8164	765.9	765.8	19.04706	19.1	19
10/14/2016 08:44:58	16.67475	16.68809	16.65143	765.8164	765.9	765.8	19.04706	19.1	19
10/14/2016 08:49:58	16.6747	16.69746	16.65719	765.9	765.9	765.9	19.10001	19.2	19
10/14/2016 08:54:57	16.6747	16.69746	16.65719	765.9	765.9	765.9	19.10001	19.2	19
10/14/2016 08:59:58	16.67682	16.68983	16.64956	765.9	765.9	765.9	19.20672	19.3	19.2
10/14/2016 09:04:57	16.67682	16.68983	16.64956	765.9	765.9	765.9	19.20672	19.3	19.2
10/14/2016 09:09:58	16.67554	16.6956	16.66108	765.9	765.9	765.9	19.24087	19.3	19.1
10/14/2016 09:14:57	16.67463	16.69177	16.65724	765.9214	766	765.9	19.29999	19.4	19.2
10/14/2016 09:19:58	16.67274	16.68577	16.65123	766	766	766	19.60671	19.7	19.6
10/14/2016 09:24:57	16.67274	16.68577	16.65123	766	766	766	19.60671	19.7	19.6
10/14/2016 09:29:58	16.67377	16.69895	16.65481	766.0516	766.1	766	19.78035	19.9	19.7
10/14/2016 09:34:57	16.67377	16.69895	16.65481	766.0516	766.1	766	19.78035	19.9	19.7
10/14/2016 09:39:58	16.67615	16.70087	16.64522	766.1	766.1	766.1	19.88319	19.9	19.8
10/14/2016 09:44:58	16.67471	16.69127	16.65285	766.1476	766.2	766.1	19.91346	20	19.8
10/14/2016 09:49:58	16.67644	16.69678	16.65642	766.199	766.2	766.1	19.95694	20	19.9
10/14/2016 09:54:58	16.67644	16.69678	16.65642	766.199	766.2	766.1	19.95694	20	19.9
10/14/2016 09:59:57	16.67542	16.69485	16.64108	766.2	766.2	766.2	20.13059	20.3	20
10/14/2016 10:04:58	16.67912	16.6987	16.66799	766.197	766.2	766.1	20.18656	20.2	20
10/14/2016 10:09:57	16.67733	16.68935	16.65865	766.1132	766.2	766.1	20.20268	20.3	20.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 10:14:57	16.67689	16.69317	16.66029	766.1152	766.2	766.1	20.2368	20.3	20.2
10/14/2016 10:19:58	16.67489	16.69702	16.65085	766.1	766.1	766.1	20.30336	20.4	20.3
10/14/2016 10:24:58	16.67519	16.69317	16.65472	766.1	766.1	766.1	20.48655	20.6	20.4
10/14/2016 10:29:58	16.67519	16.69317	16.65472	766.1	766.1	766.1	20.48655	20.6	20.4
10/14/2016 10:34:58	16.67608	16.69693	16.64124	766.1	766.1	766.1	20.61344	20.8	20.6
10/14/2016 10:39:57	16.67608	16.69693	16.64124	766.1	766.1	766.1	20.61344	20.8	20.6
10/14/2016 10:44:58	16.67426	16.6873	16.66047	766.1	766.1	766.1	20.77974	20.9	20.6
10/14/2016 10:49:57	16.67714	16.6893	16.66417	766.1	766.1	766.1	20.90001	21	20.8
10/14/2016 10:54:57	16.67556	16.69304	16.66047	766.1	766.1	766.1	20.97648	21	20.9
10/14/2016 10:59:58	16.67396	16.6873	16.66047	766.1	766.1	766.1	21.04351	21.1	21
10/14/2016 11:04:57	16.67743	16.6873	16.66047	766.1	766.1	766.1	21.11007	21.2	21
10/14/2016 11:09:58	16.67697	16.69283	16.6581	766.1072	766.2	766.1	21.18011	21.4	21
10/14/2016 11:14:57	16.67364	16.68891	16.65992	766.1111	766.2	766.1	21.41469	21.6	21.2
10/14/2016 11:19:58	16.67558	16.68891	16.65997	766.1	766.1	766.1	21.59042	21.7	21.5
10/14/2016 11:24:57	16.67658	16.69033	16.66389	766.1	766.1	766.1	21.87486	22.1	21.6
10/14/2016 11:29:58	16.67414	16.69208	16.65735	766.1	766.1	766.1	22.24366	22.6	22.1
10/14/2016 11:34:57	16.6727	16.70967	16.62884	766.1	766.1	766.1	22.67539	22.9	22.3
10/14/2016 11:39:57	16.67204	16.69428	16.64816	766.1	766.1	766.1	22.96668	23.2	22.9
10/14/2016 11:44:58	16.67454	16.68985	16.6437	766.1	766.1	766.1	23.33345	23.5	23.2
10/14/2016 11:49:57	16.67454	16.68985	16.6437	766.1	766.1	766.1	23.33345	23.5	23.2
10/14/2016 11:54:57	16.67411	16.70351	16.64816	766.1	766.1	766.1	23.47982	23.5	23.3
10/14/2016 11:59:58	16.67201	16.69033	16.6437	766.1	766.1	766.1	23.57664	23.6	23.5
10/14/2016 12:04:58	16.67488	16.70613	16.64245	766.0726	766.1	766	23.51028	23.6	23.4
10/14/2016 12:09:57	16.67488	16.70613	16.64245	766.0726	766.1	766	23.51028	23.6	23.4
10/14/2016 12:14:57	16.67654	16.696	16.65382	766.002	766.1	766	23.39952	23.5	23.3
10/14/2016 12:19:57	16.67582	16.70613	16.65033	765.9797	766	765.9	23.30671	23.4	23.3
10/14/2016 12:24:57	16.67455	16.69021	16.65249	765.9	765.9	765.9	23.31009	23.5	23.2
10/14/2016 12:29:58	16.67648	16.69637	16.65021	765.8	765.8	765.8	23.26303	23.3	23.2
10/14/2016 12:34:57	16.67648	16.69637	16.65021	765.8	765.8	765.8	23.26303	23.3	23.2
10/14/2016 12:39:57	16.6765	16.70606	16.645	765.8	765.8	765.8	23.27646	23.3	23.2
10/14/2016 12:44:57	16.67454	16.69637	16.65021	765.7838	765.8	765.7	23.31344	23.5	23.3
10/14/2016 12:49:58	16.6777	16.69627	16.65746	765.7	765.7	765.7	23.42	23.5	23.3
10/14/2016 12:54:57	16.6777	16.69627	16.65746	765.7	765.7	765.7	23.42	23.5	23.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 12:59:58	16.67206	16.70072	16.64486	765.6041	765.7	765.6	23.51008	23.6	23.5
10/14/2016 13:04:57	16.67206	16.70072	16.64486	765.6041	765.7	765.6	23.51008	23.6	23.5
10/14/2016 13:09:57	16.6771	16.70072	16.65963	765.6	765.6	765.6	23.4998	23.6	23.4
10/14/2016 13:14:58	16.67474	16.69891	16.64703	765.4726	765.5	765.4	23.51277	23.6	23.5
10/14/2016 13:19:57	16.67474	16.69891	16.64703	765.4726	765.5	765.4	23.51277	23.6	23.5
10/14/2016 13:24:58	16.67636	16.70326	16.64858	765.3656	765.4	765.3	23.49664	23.6	23.4
10/14/2016 13:29:57	16.67636	16.70326	16.64858	765.3656	765.4	765.3	23.49664	23.6	23.4
10/14/2016 13:34:58	16.67606	16.69678	16.65545	765.2212	765.3	765.2	23.61981	23.8	23.5
10/14/2016 13:39:57	16.67606	16.69678	16.65545	765.2212	765.3	765.2	23.61981	23.8	23.5
10/14/2016 13:44:57	16.67665	16.70981	16.64652	765.192	765.2	765.1	23.77311	23.8	23.6
10/14/2016 13:49:57	16.67526	16.69481	16.6583	765.1	765.1	765.1	23.89712	24.1	23.8
10/14/2016 13:54:57	16.67564	16.69224	16.65006	765.0081	765.1	765	24.17716	24.2	24.1
10/14/2016 13:59:57	16.67564	16.69224	16.65006	765.0081	765.1	765	24.17716	24.2	24.1
10/14/2016 14:04:58	16.67535	16.70577	16.65324	764.8938	765	764.8	24.49326	24.6	24.4
10/14/2016 14:09:57	16.67535	16.70577	16.65324	764.8938	765	764.8	24.49326	24.6	24.4
10/14/2016 14:14:57	16.67519	16.69027	16.65683	764.6232	764.7	764.5	24.59731	24.7	24.5
10/14/2016 14:19:57	16.67519	16.69027	16.65683	764.6232	764.7	764.5	24.59731	24.7	24.5
10/14/2016 14:24:57	16.67472	16.68988	16.65335	764.502	764.6	764.5	24.66051	24.7	24.6
10/14/2016 14:29:57	16.67526	16.70028	16.65122	764.3797	764.4	764.3	24.89413	25	24.8
10/14/2016 14:34:58	16.67545	16.69464	16.65809	764.3212	764.4	764.3	25.11394	25.2	25
10/14/2016 14:39:57	16.67545	16.69464	16.65809	764.3212	764.4	764.3	25.11394	25.2	25
10/14/2016 14:44:57	16.67557	16.70444	16.65809	764.3	764.3	764.3	25.2765	25.4	25.2
10/14/2016 14:49:57	16.67557	16.70444	16.65809	764.3	764.3	764.3	25.2765	25.4	25.2
10/14/2016 14:54:57	16.67602	16.70444	16.65357	764.2809	764.3	764.2	25.28318	25.3	25.2
10/14/2016 14:59:57	16.67594	16.69361	16.64433	764.1	764.1	764.1	25.50033	25.7	25.2
10/14/2016 15:04:57	16.67594	16.69361	16.64433	764.1	764.1	764.1	25.50033	25.7	25.2
10/14/2016 15:09:57	16.67557	16.70624	16.63448	764.1	764.1	764.1	25.75365	26.2	25.4
10/14/2016 15:14:57	16.67366	16.73351	16.61125	764.2131	764.3	764.2	26.30706	27	25.6
10/14/2016 15:19:57	16.67366	16.73351	16.61125	764.2131	764.3	764.2	26.30706	27	25.6
10/14/2016 15:24:57	16.67438	16.77307	16.57186	764.2203	764.3	764.2	26.43401	27.5	25.3
10/14/2016 15:29:57	16.67436	16.71318	16.64351	764.3738	764.4	764.3	26.63385	27	26.3
10/14/2016 15:34:57	16.67436	16.71318	16.64351	764.3738	764.4	764.3	26.63385	27	26.3
10/14/2016 15:39:57	16.67564	16.71459	16.64067	764.3384	764.4	764.3	26.48583	26.8	26.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 15:44:57	16.67567	16.71318	16.64067	764.3091	764.4	764.3	26.12273	26.5	25.8
10/14/2016 15:49:57	16.67438	16.72866	16.61556	764.2686	764.3	764.2	25.88741	26.6	25.1
10/14/2016 15:54:57	16.67438	16.72866	16.61556	764.2686	764.3	764.2	25.88741	26.6	25.1
10/14/2016 15:59:57	16.67537	16.72866	16.60574	764.2524	764.3	764.2	25.70411	26.8	24.8
10/14/2016 16:04:57	16.67537	16.72866	16.60574	764.2524	764.3	764.2	25.70411	26.8	24.8
10/14/2016 16:09:57	16.67324	16.72359	16.62375	764.198	764.3	764.1	25.61821	26.5	24.6
10/14/2016 16:14:57	16.67324	16.72359	16.62375	764.198	764.3	764.1	25.61821	26.5	24.6
10/14/2016 16:19:57	16.67248	16.76041	16.55939	764.2032	764.3	764.1	25.51794	26.8	24.2
10/14/2016 16:24:57	16.67248	16.76041	16.55939	764.2032	764.3	764.1	25.51794	26.8	24.2
10/14/2016 16:29:57	16.67524	16.77153	16.58016	764.2294	764.3	764.2	25.43604	26.9	24.7
10/14/2016 16:34:57	16.6763	16.7595	16.60909	764.2325	764.3	764.2	25.33559	27.2	23.9
10/14/2016 16:39:57	16.67668	16.77987	16.56326	764.2565	764.3	764.2	24.92248	25.9	23.9
10/14/2016 16:44:57	16.67298	16.7595	16.56997	764.2587	764.3	764.2	25.04061	26.6	23.3
10/14/2016 16:49:57	16.67298	16.7595	16.56997	764.2587	764.3	764.2	25.04061	26.6	23.3
10/14/2016 16:54:57	16.67337	16.6999	16.65398	764.3242	764.4	764.3	24.74659	25.1	24.5
10/14/2016 16:59:57	16.67337	16.6999	16.65398	764.3242	764.4	764.3	24.74659	25.1	24.5
10/14/2016 17:04:57	16.67338	16.71635	16.63821	764.2928	764.3	764.2	24.34893	24.7	23.6
10/14/2016 17:09:57	16.67239	16.69933	16.64736	764.3	764.3	764.3	23.64924	24	23.5
10/14/2016 17:14:57	16.67239	16.69933	16.64736	764.3	764.3	764.3	23.64924	24	23.5
10/14/2016 17:19:57	16.67277	16.69123	16.65067	764.3	764.3	764.3	23.38958	23.5	23.2
10/14/2016 17:24:57	16.67289	16.69762	16.65139	764.3	764.3	764.3	23.06878	23.3	22.9
10/14/2016 17:29:57	16.6737	16.69251	16.63431	764.3	764.3	764.3	22.74255	22.9	22.6
10/14/2016 17:34:57	16.67357	16.68945	16.66041	764.2	764.2	764.2	22.08906	22.3	21.8
10/14/2016 17:39:57	16.67357	16.68945	16.66041	764.2	764.2	764.2	22.08906	22.3	21.8
10/14/2016 17:44:57	16.67471	16.69163	16.65294	764.2	764.2	764.2	21.41925	21.6	21.2
10/14/2016 17:49:57	16.67471	16.69163	16.65294	764.2	764.2	764.2	21.41925	21.6	21.2
10/14/2016 17:54:57	16.67592	16.69768	16.66298	764.1899	764.2	764.1	20.96923	21.1	20.9
10/14/2016 17:59:57	16.67592	16.69768	16.66298	764.1899	764.2	764.1	20.96923	21.1	20.9
10/14/2016 18:04:57	16.67577	16.68838	16.66116	764.196	764.2	764.1	20.69609	20.9	20.5
10/14/2016 18:09:57	16.67153	16.6862	16.66116	764.1505	764.2	764.1	20.48607	20.6	20.3
10/14/2016 18:14:57	16.67354	16.69433	16.65578	764.101	764.2	764.1	20.28673	20.4	20.2
10/14/2016 18:19:57	16.67674	16.68858	16.66139	764.1456	764.2	764.1	19.91613	20	19.8
10/14/2016 18:24:57	16.67674	16.68858	16.66139	764.1456	764.2	764.1	19.91613	20	19.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 18:29:57	16.67297	16.68671	16.65176	764.1768	764.2	764.1	19.69009	19.8	19.6
10/14/2016 18:34:57	16.67297	16.68671	16.65176	764.1768	764.2	764.1	19.69009	19.8	19.6
10/14/2016 18:39:57	16.67456	16.69227	16.65191	764.1536	764.2	764.1	19.42582	19.6	19.3
10/14/2016 18:44:57	16.67414	16.69612	16.65766	764.2	764.2	764.2	19.26656	19.3	19.2
10/14/2016 18:49:57	16.67414	16.69612	16.65766	764.2	764.2	764.2	19.26656	19.3	19.2
10/14/2016 18:54:57	16.67408	16.69227	16.66152	764.198	764.2	764.1	19.20672	19.3	19.2
10/14/2016 18:59:57	16.67501	16.69227	16.64804	764.2011	764.3	764.2	19.17983	19.2	19.1
10/14/2016 19:04:57	16.67249	16.69971	16.64586	764.2657	764.3	764.2	19.13025	19.2	19
10/14/2016 19:09:57	16.67634	16.70597	16.65596	764.1404	764.3	764.1	19.11949	19.2	19.1
10/14/2016 19:14:57	16.67634	16.70597	16.65596	764.1404	764.3	764.1	19.11949	19.2	19.1
10/14/2016 19:19:57	16.6762	16.70785	16.65596	764.1	764.1	764.1	19.03295	19.2	19
10/14/2016 19:24:57	16.67798	16.69822	16.65968	764.1061	764.2	764.1	18.87594	19	18.7
10/14/2016 19:29:57	16.67798	16.69822	16.65968	764.1061	764.2	764.1	18.87594	19	18.7
10/14/2016 19:34:57	16.67379	16.70397	16.6536	764.1808	764.2	764.1	18.81344	19	18.8

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
23.10951	23.3	22.9	0	0	0	1.21009	475.6	0	0.01656	0	0.01694	2.2E+08
135.6315	499.5	29.9	87.9909	115.2653	0	111.3791	475.2	10.3	0.01656	0	0.01694	2.2E+08
132.7654	499.5	34.59999	48.71567	99.8042	0	108.4889	475.2	10.3	0.01656	1.00361	0.01694	2.2E+08
22.1	22.1	22.1	1.09959	16.6525	0	3.01679	3.09999	2.89999	0.01764	0	0.01694	2.2E+08
22.1	22.1	22.1	1.09959	16.6525	0	3.01679	3.09999	2.89999	0.01764	0	0.01694	2.2E+08
22.1	22.1	22.1	0	0	0	2.94293	2.99999	2.89999	0.01764	0	0.01694	2.2E+08
22.1	22.1	22.1	0	0	0	2.94293	2.99999	2.89999	0.01764	0	0.01694	2.2E+08
22.1	22.1	22.1	0	0	0	2.96374	2.99999	2.89999	0.01764	0	0.01694	2.2E+08
22.1	22.1	22.1	0	0	0	2.96039	3.09999	2.89999	0.00229	0	0.00277	2.2E+08
22.1	22.1	22.1	0.17259	11.47111	0	2.99318	3.09999	2.89999	0.06503	0.01482	0.06611	2.2E+08
22.10968	22.4	21.7	10.75932	14.87919	0	3.17923	3.6	2.9	0.14841	0.03486	0.14944	2.2E+08
20.91552	21.4	20.2	15.18761	15.43336	14.93461	4.35427	5.1	3.9	0.23178	0.06954	0.23305	2.2E+08
20.91552	21.4	20.2	15.18761	15.43336	14.93461	4.35427	5.1	3.9	0.31517	0.02014	0.31611	2.2E+08
20.95363	21.4	20.4	15.20622	15.32252	15.07315	3.96917	4.4	3.6	0.39854	0.0606	0.39972	2.2E+08
20.95363	21.4	20.4	15.20622	15.32252	15.07315	3.96917	4.4	3.6	0.48191	0.04813	0.48277	2.2E+08
20.51074	20.8	20.2	15.25323	15.40565	15.15627	4.23557	4.6	3.9	0.56529	0.02703	0.56611	2.2E+08
20.33371	20.8	19.6	15.29812	15.48877	15.12856	4.23946	5	3.8	0.64866	0.05493	0.64972	2.2E+08
20.33371	20.8	19.6	15.29812	15.48877	15.12856	4.23946	5	3.8	0.73203	0.09545	0.73277	2.2E+08
19.80214	20.1	19.4	15.33765	15.46106	15.18398	4.61999	5.1	4.1	0.81542	0.03468	0.81611	2.2E+08
20.14821	20.5	19.9	15.185	15.2671	15.07315	3.87863	4.2	3.5	0.8988	0.02595	0.89972	2.2E+08
20.14821	20.5	19.9	15.185	15.2671	15.07315	3.87863	4.2	3.5	0.98217	0.03468	0.98277	2.2E+08
19.92685	20.2	19.6	15.18983	15.29481	15.07315	3.85641	4.2	3.4	1.06555	0.06943	1.06638	2.2E+08
19.92685	20.2	19.6	15.18983	15.29481	15.07315	3.85641	4.2	3.4	1.14893	0	1.14944	2.2E+08
19.82292	20.5	19.3	15.21584	15.32252	15.04544	3.82407	4.5	3.1	1.2323	0	1.23305	2.2E+08
19.82292	20.5	19.3	15.21584	15.32252	15.04544	3.82407	4.5	3.1	1.31567	0.00592	1.31611	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.44288	19.9	19.2	15.23402	15.32252	15.07315	4.00341	4.3	3.4	1.39904	0.02609	1.39972	2.2E+08
19.44288	19.9	19.2	15.23402	15.32252	15.07315	4.00341	4.3	3.4	1.48241	0.04051	1.48305	2.2E+08
19.44781	19.9	19	15.21518	15.32252	15.04544	3.88167	4.3	3.4	1.56579	0.0406	1.56611	2.2E+08
19.58535	20	19	15.18443	15.29481	15.07315	3.69786	4.5	4	1.64916	0.03458	1.64972	2.2E+08
18.92279	19.2	18.7	15.2332	15.35023	15.07315	4.27654	4.5	4	1.73252	0.04064	1.73277	2.2E+08
18.78117	19.2	18.4	15.09743	15.2394	14.9069	4.06179	4.5	3.6	1.8159	0.00601	1.81638	2.2E+08
18.78117	19.2	18.4	15.09743	15.2394	14.9069	4.06179	4.5	3.6	1.89927	0.02677	1.89944	2.2E+08
18.1826	18.4	17.8	15.18064	15.32252	15.07315	4.32339	4.8	3.9	1.98265	0.06901	1.98305	2.2E+08
18.24632	18.7	17.7	15.04889	15.21169	14.9069	4.01676	4.5	3.6	2.06601	0.03443	2.06638	2.2E+08
18.24632	18.7	17.7	15.04889	15.21169	14.9069	4.01676	4.5	3.6	2.14939	0	2.14944	2.2E+08
18.01282	18.1	17.8	14.95758	15.07315	14.87919	3.97377	4.2	3.7	2.23275	0.02667	2.23305	2.2E+08
18.01282	18.1	17.8	14.95758	15.07315	14.87919	3.97377	4.2	3.7	2.31612	0.03444	2.31611	2.2E+08
17.80066	18.1	17.7	14.85428	14.96232	14.74065	3.84833	4.1	3.5	2.3995	0.02667	2.39972	2.2E+08
17.80066	18.1	17.7	14.85428	14.96232	14.74065	3.84833	4.1	3.5	2.4829	0	2.48277	2.2E+08
17.83685	18.1	17.7	14.83806	14.96232	14.65753	3.72959	3.9	3.4	2.56625	0.03447	2.56611	2.2E+08
17.78727	18	17.7	14.84728	14.93461	14.71295	3.71205	3.9	3.4	2.64963	0.03447	2.64944	2.2E+08
17.74363	18	17.5	14.92271	15.01773	14.85148	3.68586	4	3.4	2.73298	0.02666	2.73277	2.2E+08
17.84898	18.1	17.7	14.89547	14.96232	14.76836	3.3376	3.5	3.1	2.81634	0.01407	2.81638	2.2E+08
17.84898	18.1	17.7	14.89547	14.96232	14.76836	3.3376	3.5	3.1	2.8997	0.05484	2.89944	2.2E+08
17.80335	18	17.7	14.92612	15.04544	14.79607	3.22015	3.3	3	2.98305	0.06889	2.98305	2.2E+08
17.80335	18	17.7	14.92612	15.04544	14.79607	3.22015	3.3	3	3.06642	0.0204	3.06611	2.2E+08
17.57249	17.7	17.4	14.97292	15.07315	14.85148	3.40402	3.6	3.3	3.14978	0	3.14972	2.2E+08
17.57249	17.7	17.4	14.97292	15.07315	14.85148	3.40402	3.6	3.3	3.23316	0.03438	3.23277	2.2E+08
16.95699	17.1	16.9	15.01002	15.12856	14.9069	3.6262	3.8	3.4	3.31653	0	3.31638	2.2E+08
16.95699	17.1	16.9	15.01002	15.12856	14.9069	3.6262	3.8	3.4	3.39989	0	3.39944	2.2E+08
16.81608	16.9	16.6	14.99148	15.10085	14.82377	3.61679	3.8	3.4	3.48325	0.0957	3.48305	2.2E+08
16.60068	16.8	16.5	14.9836	15.12856	14.82377	3.65568	3.8	3.4	3.56663	0.03429	3.56611	2.2E+08
16.48927	16.8	16.4	15.07297	15.15627	14.99003	3.63687	3.7	3.5	3.65001	0.04804	3.64944	2.2E+08
16.20269	16.3	16	15.09397	15.21169	14.99003	3.52012	3.7	3.4	3.73337	0.04102	3.73305	2.2E+08
16.20269	16.3	16	15.09397	15.21169	14.99003	3.52012	3.8	3.5	3.81673	0	3.81638	2.2E+08
16.00335	16.2	15.8	15.10715	15.21169	14.96232	3.63288	3.8	3.5	3.90011	0.01372	3.89944	2.2E+08
15.9597	16	15.8	15.08747	15.21169	14.99003	3.51279	3.5	3.2	3.98347	0.03426	3.98277	2.2E+08
15.83218	16	15.8	15.13805	15.2394	15.04544	3.39063	3.5	3.3	4.06683	0	4.06639	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
15.83218	16	15.8	15.13805	15.2394	15.04544	3.39063	3.4	3.1	4.1502	0.02052	4.14972	2.2E+08
15.84294	16	15.8	15.1585	15.2671	15.04544	3.33692	3.4	3.1	4.23355	0.03422	4.23277	2.2E+08
15.74968	15.8	15.7	15.20072	15.32252	15.07315	3.33627	3.4	3.2	4.3169	0	4.31639	2.2E+08
15.74968	15.8	15.7	15.20072	15.32252	15.07315	3.33627	3.4	3.2	4.40027	0.0411	4.39944	2.2E+08
15.59598	15.7	15.4	15.21328	15.2671	15.15627	3.35359	3.6	3.1	4.48366	0.03418	4.48305	2.2E+08
15.59598	15.7	15.4	15.21328	15.2671	15.15627	3.35359	3.6	3.1	4.56703	0.03419	4.56611	2.2E+08
15.44832	15.7	15.3	15.2233	15.32252	15.12856	3.32815	3.5	3.1	4.65039	0	4.64972	2.2E+08
15.44832	15.7	15.3	15.2233	15.32252	15.12856	3.32815	3.5	3.1	4.73376	0.10254	4.73277	2.2E+08
15.66376	15.7	15.4	15.17699	15.2671	15.04544	3.06644	3.4	2.9	4.81714	0.0411	4.81639	2.2E+08
15.66376	15.7	15.4	15.17699	15.2671	15.04544	3.06644	3.4	2.9	4.90052	0.05478	4.89944	2.2E+08
15.66043	15.8	15.4	15.16959	15.2671	15.07315	2.99525	3.3	2.8	4.9839	0.01366	4.98277	2.2E+08
15.68322	15.7	15.4	15.07508	15.15627	15.01773	2.90405	3.2	2.8	5.06729	0.06841	5.06639	2.2E+08
15.68322	15.7	15.4	15.07508	15.15627	15.01773	2.90405	3.2	2.8	5.15067	0	5.14944	2.2E+08
15.59264	15.7	15.4	15.06999	15.12856	14.99003	2.9201	3.1	2.8	5.23404	0.02053	5.23277	2.2E+08
15.77655	15.8	15.7	15.07073	15.12856	15.01773	2.67646	2.8	2.4	5.31739	0.02053	5.31639	2.2E+08
15.77655	15.8	15.7	15.07073	15.12856	15.01773	2.67646	2.8	2.4	5.40074	0.05474	5.39944	2.2E+08
15.53565	15.7	15.4	15.14827	15.21169	15.04544	2.82415	3.1	2.6	5.48412	0.02728	5.48305	2.2E+08
15.53565	15.7	15.4	15.14827	15.21169	15.04544	2.82415	3.1	2.6	5.5675	0	5.56611	2.2E+08
15.38658	15.4	15.3	15.19977	15.2671	15.04544	3.07649	3.2	3	5.65087	0	5.64972	2.2E+08
15.38658	15.4	15.3	15.19977	15.2671	15.04544	3.07649	3.2	3	5.73423	0	5.73277	2.2E+08
15.30268	15.4	15.2	15.24853	15.40565	15.12856	3.1906	3.4	3.1	5.8176	0	5.81639	2.2E+08
15.30268	15.4	15.2	15.24853	15.40565	15.12856	3.1906	3.4	3.1	5.90097	0.09665	5.89944	2.2E+08
15.27318	15.4	15.2	15.27799	15.37794	15.15627	3.23018	3.3	3.2	5.98433	0.03413	5.98277	2.2E+08
15.22685	15.3	15.2	15.25195	15.32252	15.15627	3.25973	3.3	3.2	6.06769	0.04188	6.06611	2.2E+08
15.16976	15.2	15.1	15.32074	15.46106	15.18398	3.26313	3.4	3	6.15108	0.04771	6.14972	2.2E+08
15.16976	15.2	15.1	15.32074	15.46106	15.18398	3.26313	3.4	3	6.23445	0	6.23277	2.2E+08
15.09325	15.2	14.8	15.39987	15.54418	15.2671	3.2597	3.6	3	6.31781	0.02058	6.31611	2.2E+08
15.0698	15.1	14.8	15.47845	15.57189	15.35023	3.13692	3.4	3.1	6.40118	0	6.39972	2.2E+08
15.0698	15.1	14.8	15.47845	15.57189	15.35023	3.13692	3.4	3.1	6.48453	0.02058	6.48277	2.2E+08
14.98787	15.1	14.8	15.38167	15.51647	15.2671	3.18194	3.4	3	6.5679	0.01354	6.56639	2.2E+08
14.98787	15.1	14.8	15.38167	15.51647	15.2671	3.18194	3.4	3	6.65127	0.08957	6.64944	2.2E+08
15.04293	15.1	14.8	15.3379	15.46106	15.15627	3.11007	3.4	2.9	6.73464	0.12295	6.73277	2.2E+08
15.01612	15.1	14.8	15.28255	15.37794	15.18398	3.0604	3.3	2.9	6.818	0.06178	6.81639	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
14.99607	15.1	14.8	15.29415	15.40565	15.18398	3.07709	3.3	2.9	6.90137	0.02767	6.89972	2.2E+08
14.99607	15.1	14.8	15.29415	15.40565	15.18398	3.07709	3.3	2.9	6.98475	0.04182	6.98277	2.2E+08
14.86709	15.1	14.8	15.32924	15.48877	15.21169	3.16647	3.3	2.9	7.06812	0.07528	7.06611	2.2E+08
14.82014	15	14.8	15.28895	15.40565	15.18398	3.19327	3.3	3	7.15147	0.06179	7.14944	2.2E+08
14.80331	15	14.7	15.25158	15.35023	15.18398	3.20004	3.4	3.1	7.23482	0	7.23305	2.2E+08
14.79664	14.8	14.7	15.27745	15.37794	15.21169	3.20671	3.4	3.1	7.31819	0	7.31611	2.2E+08
14.81676	15	14.7	15.26468	15.37794	15.15627	3.21678	3.3	3	7.40155	0.03407	7.39972	2.2E+08
14.81676	15	14.7	15.26468	15.37794	15.15627	3.21678	3.3	3	7.4849	0	7.48277	2.2E+08
14.80332	15	14.7	15.29062	15.40565	15.21169	3.19665	3.3	3	7.56825	0	7.56639	2.2E+08
14.80332	15	14.7	15.29062	15.40565	15.21169	3.19665	3.3	3	7.6516	0	7.64944	2.2E+08
14.82012	15	14.8	15.25782	15.40565	15.12856	3.17987	3.2	3	7.73496	0	7.73305	2.2E+08
14.82012	15	14.8	15.25782	15.40565	15.12856	3.17987	3.2	3	7.81832	0.03407	7.81611	2.2E+08
14.79663	14.8	14.7	15.27036	15.46106	15.15627	3.2	3.3	3.1	7.90168	0.0341	7.89972	2.2E+08
14.79663	14.8	14.7	15.27036	15.46106	15.15627	3.2	3.3	3.1	7.98505	0.02764	7.98277	2.2E+08
14.8302	15.1	14.8	15.25346	15.35023	15.18398	3.13625	3.2	2.8	8.06841	0.02767	8.06639	2.2E+08
14.8302	15.1	14.8	15.25346	15.35023	15.18398	3.13625	3.2	2.8	8.15178	0.03406	8.14944	2.2E+08
14.82884	15.1	14.8	15.19897	15.29481	15.07315	3.10806	3.2	2.8	8.23515	0.0341	8.23305	2.2E+08
14.82884	15.1	14.8	15.19897	15.29481	15.07315	3.10806	3.2	2.8	8.31856	0.03409	8.31611	2.2E+08
14.68253	14.8	14.6	15.19086	15.2671	15.04544	3.22418	3.4	3.1	8.40198	0.02061	8.39972	2.2E+08
14.54964	14.7	14.5	15.25123	15.35023	15.12856	3.32353	3.4	3.1	8.48539	0.02836	8.48305	2.2E+08
14.54964	14.7	14.5	15.25123	15.35023	15.12856	3.32353	3.4	3.1	8.5688	0.01345	8.56611	2.2E+08
14.44298	14.5	14.4	15.24497	15.35023	15.15627	3.27652	3.5	3.1	8.65219	0.03403	8.64972	2.2E+08
14.44298	14.5	14.4	15.24497	15.35023	15.15627	3.27652	3.5	3.1	8.73559	0	8.73277	2.2E+08
14.33966	14.4	14.2	15.22544	15.32252	15.12856	3.26705	3.4	3.2	8.81898	0.01905	8.81639	2.2E+08
14.33966	14.4	14.2	15.22544	15.32252	15.12856	3.26705	3.4	3.2	8.90238	0.03404	8.89944	2.2E+08
14.26233	14.4	14.1	15.21491	15.35023	15.12856	3.31415	3.5	3.1	8.98578	0.06807	8.98277	2.2E+08
14.42011	14.5	14.2	15.26467	15.37794	15.10085	3.13694	3.3	3	9.06916	0.01337	9.06639	2.2E+08
14.47717	14.5	14.4	15.2803	15.37794	15.21169	3.0832	3.2	3	9.15256	0.03402	9.14972	2.2E+08
14.47717	14.5	14.4	15.2803	15.37794	15.21169	3.0832	3.2	3	9.23601	0	9.23277	2.2E+08
14.5	14.6	14.4	15.2348	15.35023	15.18398	3.08389	3.1	2.9	9.31948	0.04896	9.31639	2.2E+08
14.57053	14.7	14.5	15.23715	15.35023	15.12856	3.0261	3.1	2.9	9.40289	0.02062	9.39972	2.2E+08
14.57053	14.7	14.5	15.23715	15.35023	15.12856	3.0261	3.1	2.9	9.4863	0.01343	9.48277	2.2E+08
14.47386	14.5	14.4	15.32323	15.43336	15.21169	3.1201	3.2	3	9.56973	0	9.56639	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
14.47386	14.5	14.4	15.32323	15.43336	15.21169	3.1201	3.2	3	9.65319	0.03405	9.64944	2.2E+08
14.49663	14.5	14.4	15.30997	15.43336	15.21169	3.09663	3.2	3	9.73661	0.03404	9.73305	2.2E+08
14.49663	14.5	14.4	15.30997	15.43336	15.21169	3.09663	3.2	3	9.82002	0.07585	9.81611	2.2E+08
14.54687	14.7	14.5	15.26044	15.37794	15.15627	3.05645	2.9	2.4	9.90348	0.02058	9.89972	2.2E+08
14.91748	15.1	14.7	15.18581	15.29481	15.10085	2.65569	2.9	2.4	9.98692	0.04118	9.98277	2.2E+08
14.84561	15	14.8	15.19586	15.29481	15.07315	2.66111	2.8	2.5	10.07033	0.03409	10.06639	2.2E+08
14.84561	15	14.8	15.19586	15.29481	15.07315	2.66111	2.8	2.5	10.15375	0.03408	10.14944	2.2E+08
14.8	14.8	14.8	15.17211	15.29481	15.10085	2.68322	2.7	2.5	10.23715	0.03408	10.23305	2.2E+08
14.8	14.8	14.8	15.17211	15.29481	15.10085	2.68322	2.7	2.5	10.32058	0	10.31611	2.2E+08
14.78322	14.8	14.7	15.19096	15.2671	15.10085	2.69059	2.8	2.5	10.40408	0	10.39944	2.2E+08
14.8	14.8	14.8	15.16835	15.2394	15.10085	2.6436	2.7	2.5	10.48753	0.03408	10.48277	2.2E+08
14.7866	14.8	14.7	15.18768	15.2671	15.10085	2.66976	2.8	2.6	10.57098	0.03408	10.56611	2.2E+08
14.74293	14.8	14.7	15.19485	15.2671	15.10085	2.67655	2.8	2.6	10.65444	0	10.64944	2.2E+08
14.79328	14.8	14.7	15.16519	15.2394	15.04544	2.6175	2.7	2.4	10.73791	0	10.73305	2.2E+08
14.81208	15	14.8	15.18629	15.2671	15.10085	2.57787	2.7	2.4	10.82134	0.05469	10.81611	2.2E+08
14.7799	14.8	14.7	15.1862	15.2671	15.10085	2.59593	2.8	2.5	10.90475	0.01345	10.89944	2.2E+08
14.74697	14.8	14.7	15.19281	15.29481	15.10085	2.59596	2.8	2.5	10.98817	0.03405	10.98277	2.2E+08
14.68926	14.8	14.6	15.2142	15.29481	15.12856	2.62751	2.8	2.5	11.07163	0	11.06639	2.2E+08
14.68926	14.8	14.6	15.2142	15.29481	15.12856	2.62751	2.8	2.5	11.1551	0.03406	11.14944	2.2E+08
14.46649	14.6	14.4	15.25047	15.35023	15.18398	2.8335	2.9	2.7	11.23855	0.00774	11.23305	2.2E+08
14.39666	14.5	14.2	15.27948	15.37794	15.18398	2.87985	3.1	2.8	11.32201	0	11.31639	2.2E+08
14.39666	14.5	14.2	15.27948	15.37794	15.18398	2.87985	3.1	2.8	11.40545	0.11704	11.39944	2.2E+08
14.23356	14.4	14.2	15.31436	15.51647	15.18398	3.06643	3.1	2.9	11.4889	0.01549	11.48305	2.2E+08
14.22009	14.4	14.1	15.40384	15.57189	15.2671	3.11679	3.3	2.9	11.57233	0.00773	11.56639	2.2E+08
14.22009	14.4	14.1	15.40384	15.57189	15.2671	3.11679	3.3	2.9	11.65575	0.034	11.64944	2.2E+08
14.21343	14.4	14.2	15.39516	15.48877	15.29481	3.28656	3.4	3.1	11.73916	0.07572	11.73305	2.2E+08
14.21343	14.4	14.2	15.39516	15.48877	15.29481	3.28656	3.4	3.1	11.82257	0.03398	11.81611	2.2E+08
14.19999	14.4	14.1	15.39892	15.48877	15.32252	3.32015	3.4	3.2	11.906	0.02675	11.89972	2.2E+08
14.22682	14.4	14.2	15.42313	15.54418	15.32252	3.3537	3.4	3.2	11.98945	0.03403	11.98277	2.2E+08
14.41001	14.5	14.4	15.48291	15.5996	15.37794	3.3678	3.5	3.2	12.07287	0.02062	12.06639	2.2E+08
14.41001	14.5	14.4	15.48291	15.5996	15.37794	3.3678	3.5	3.2	12.15633	0	12.14944	2.2E+08
14.41002	14.5	14.4	15.48133	15.5996	15.37794	3.48326	3.5	3.4	12.23975	0.01341	12.23305	2.2E+08
14.41002	14.5	14.4	15.48133	15.5996	15.37794	3.48326	3.5	3.4	12.32316	0.02062	12.31611	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
14.42282	14.5	14.4	15.56308	15.65502	15.46106	3.49998	3.6	3.4	12.40657	0.03404	12.39972	2.2E+08
14.42282	14.5	14.4	15.56308	15.65502	15.46106	3.49998	3.6	3.4	12.49001	0.034	12.48277	2.2E+08
14.2235	14.4	14.1	15.63358	15.71043	15.54418	3.65301	3.8	3.5	12.57346	0.03399	12.56611	2.2E+08
14.09664	14.2	14	15.67984	15.79355	15.5996	3.56573	3.8	3.5	12.65689	0.03403	12.64972	2.2E+08
14.09664	14.2	14	15.67984	15.79355	15.5996	3.56573	3.8	3.5	12.74032	0.03403	12.73277	2.2E+08
14.10938	14.2	14.1	15.69294	15.79355	15.57189	3.49736	3.7	3.4	12.82375	0.01338	12.81639	2.2E+08
14.10938	14.2	14.1	15.69294	15.79355	15.57189	3.49736	3.7	3.4	12.90717	0.05467	12.89972	2.2E+08
14.16644	14.2	14.1	15.69528	15.76585	15.62731	3.4537	3.7	3.4	12.99061	0.02679	12.98277	2.2E+08
14.28718	14.4	14.2	15.7281	15.82126	15.62731	3.44566	3.7	3.2	13.07404	0	13.06639	2.2E+08
14.28718	14.4	14.2	15.7281	15.82126	15.62731	3.44566	3.7	3.2	13.15746	0.06243	13.14944	2.2E+08
14.46374	14.5	14.4	15.69335	15.76585	15.57189	3.45973	3.6	3.4	13.24091	0	13.23305	2.2E+08
14.46374	14.5	14.4	15.69335	15.76585	15.57189	3.45973	3.6	3.4	13.32433	0	13.31611	2.2E+08
14.53685	14.7	14.5	15.73819	15.84897	15.62731	3.5101	3.6	3.3	13.40777	0.03406	13.39972	2.2E+08
14.53685	14.7	14.5	15.73819	15.84897	15.62731	3.5101	3.6	3.3	13.49121	0.00773	13.48277	2.2E+08
14.59055	14.7	14.5	15.69328	15.76585	15.57189	3.56649	3.7	3.5	13.57467	0	13.56639	2.2E+08
14.6933	14.7	14.5	15.59466	15.71043	15.46106	3.52011	3.7	3.5	13.65811	0.01349	13.64944	2.2E+08
14.74026	14.8	14.7	15.5947	15.71043	15.46106	3.51005	3.8	3.4	13.74155	0	13.73277	2.2E+08
14.81882	15	14.8	15.65037	15.73814	15.54418	3.65501	3.7	3.4	13.82502	0	13.81639	2.2E+08
14.81882	15	14.8	15.65037	15.73814	15.54418	3.65501	3.8	3.4	13.90846	0.03409	13.89972	2.2E+08
14.8825	15.1	14.8	15.65481	15.73814	15.54418	3.64431	3.8	3.4	13.9919	0.05468	13.98277	2.2E+08
14.91274	15.1	14.8	15.6322	15.73814	15.48877	3.64762	3.8	3.4	14.07534	0.02058	14.06611	2.2E+08
14.98652	15.1	14.8	15.56019	15.68273	15.48877	3.65638	3.9	3.5	14.15881	0.02699	14.14972	2.2E+08
14.98652	15.1	14.8	15.56019	15.68273	15.48877	3.65638	3.9	3.5	14.24226	0.02058	14.23277	2.2E+08
14.95303	15.1	14.8	15.57239	15.68273	15.46106	3.76376	4	3.6	14.32575	0	14.31611	2.2E+08
15.08995	15.1	15	15.54688	15.65502	15.48877	3.657	3.8	3.5	14.40923	0	14.39944	2.2E+08
15.06981	15.1	15	15.58294	15.68273	15.48877	3.69324	3.8	3.6	14.49269	0.03412	14.48277	2.2E+08
15.08323	15.2	14.8	15.58442	15.68273	15.48877	3.68655	4	3.5	14.57613	0.03412	14.56611	2.2E+08
15.12017	15.2	15	15.59862	15.71043	15.46106	3.6664	3.8	3.5	14.65957	0.03412	14.64972	2.2E+08
15.12017	15.2	15	15.59862	15.71043	15.46106	3.6664	3.8	3.5	14.74302	0.03412	14.73277	2.2E+08
15.08659	15.1	15	15.60231	15.73814	15.48877	3.71341	3.8	3.5	14.82648	0.02057	14.81611	2.2E+08
15.16311	15.2	15.1	15.57659	15.71043	15.48877	3.62013	3.7	3.5	14.90993	0.04768	14.89972	2.2E+08
15.16311	15.2	15.1	15.57659	15.71043	15.48877	3.62013	3.7	3.5	14.99336	0	14.98277	2.2E+08
15.11276	15.2	15.1	15.62591	15.71043	15.51647	3.66774	3.7	3.5	15.07682	0.0341	15.06639	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
15.11276	15.2	15.1	15.62591	15.71043	15.51647	3.66774	3.7	3.5	15.16029	0	15.14944	2.2E+08
15.13353	15.2	15.1	15.57748	15.68273	15.48877	3.64295	3.7	3.5	15.24376	0.05469	15.23277	2.2E+08
15.21005	15.3	15.1	15.57526	15.65502	15.48877	3.58389	3.7	3.4	15.3272	0.01357	15.31611	2.2E+08
15.26373	15.4	15.2	15.55681	15.65502	15.48877	3.54961	3.7	3.4	15.41063	0	15.39944	2.2E+08
15.21005	15.3	15.1	15.56799	15.65502	15.48877	3.59666	3.8	3.5	15.49407	0.06243	15.48305	2.2E+08
15.23018	15.3	15.2	15.55587	15.62731	15.46106	3.65572	3.8	3.5	15.57752	0.03414	15.56611	2.2E+08
15.31341	15.4	15.2	15.55676	15.71043	15.37794	3.61276	3.8	3.4	15.66097	0.02055	15.64944	2.2E+08
15.27386	15.4	15.2	15.54428	15.5996	15.48877	3.72613	3.8	3.6	15.74444	0	15.73305	2.2E+08
15.27386	15.4	15.2	15.54428	15.5996	15.48877	3.72613	3.8	3.6	15.82791	0.03413	15.81611	2.2E+08
15.27314	15.4	15.2	15.53133	15.5996	15.46106	3.70671	3.8	3.5	15.91139	0	15.89944	2.2E+08
15.19664	15.2	15.1	15.50151	15.62731	15.40565	3.73092	3.9	3.6	15.99483	0.0341	15.98305	2.2E+08
15.19664	15.2	15.1	15.50151	15.62731	15.40565	3.73092	3.9	3.6	16.07826	0.06823	16.06611	2.2E+08
15.23689	15.3	15.2	15.48949	15.57189	15.37794	3.68253	3.8	3.5	16.1617	0	16.14972	2.2E+08
15.23689	15.3	15.2	15.48949	15.57189	15.37794	3.68253	3.8	3.5	16.24516	0	16.23277	2.2E+08
15.27654	15.4	15.2	15.54871	15.62731	15.46106	3.72683	3.8	3.6	16.32863	0	16.31639	2.2E+08
15.27654	15.4	15.2	15.54871	15.62731	15.46106	3.72683	3.8	3.6	16.41201	0	16.39944	2.2E+08
15.22949	15.3	15.2	15.54698	15.62731	15.48877	3.78059	3.9	3.7	16.49521	0	16.48305	2.2E+08
15.23959	15.3	15.2	15.54586	15.5996	15.46106	3.79056	3.9	3.7	16.57841	0.05471	16.56611	2.2E+08
15.23694	15.3	15.2	15.54557	15.62731	15.46106	3.78924	3.9	3.7	16.66162	0.02055	16.64972	2.2E+08
15.23694	15.3	15.2	15.54557	15.62731	15.46106	3.78924	3.9	3.7	16.74482	0	16.73277	2.2E+08
15.26373	15.4	15.2	15.5837	15.68273	15.48877	3.74634	3.8	3.6	16.82802	0.02055	16.81639	2.2E+08
15.26373	15.4	15.2	15.5837	15.68273	15.48877	3.74634	3.8	3.6	16.91122	0	16.89944	2.2E+08
15.29659	15.4	15.2	15.50384	15.5996	15.40565	3.69933	3.9	3.6	16.99443	0.01356	16.98305	2.2E+08
15.29659	15.4	15.2	15.50384	15.5996	15.40565	3.74297	3.9	3.6	17.07763	0	17.06611	2.2E+08
15.21342	15.4	15.2	15.54716	15.68273	15.43336	3.83288	3.9	3.7	17.16083	0	17.14944	2.2E+08
15.25704	15.3	15.2	15.52121	15.62731	15.40565	3.78996	3.9	3.7	17.24404	0	17.23305	2.2E+08
15.25704	15.3	15.2	15.52121	15.62731	15.40565	3.78996	3.9	3.7	17.32724	0	17.31611	2.2E+08
15.33016	15.4	15.2	15.44545	15.54418	15.35023	3.75038	3.9	3.6	17.41044	0	17.39972	2.2E+08
15.33016	15.4	15.2	15.44545	15.54418	15.35023	3.75038	3.9	3.6	17.49365	0.00697	17.48277	2.2E+08
15.40671	15.6	15.3	15.29487	15.40565	15.18398	3.77718	3.9	3.6	17.57685	0.0341	17.56639	2.2E+08
15.40671	15.6	15.3	15.29487	15.40565	15.18398	3.77718	3.9	3.6	17.66005	0.03412	17.64944	2.2E+08
15.47365	15.7	15.4	15.30764	15.43336	15.18398	3.73635	3.9	3.5	17.74326	0.03414	17.73305	2.2E+08
15.47365	15.7	15.4	15.30764	15.43336	15.18398	3.73635	3.9	3.5	17.82646	0	17.81611	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
15.66642	15.8	15.4	15.30997	15.37794	15.18398	3.61077	3.9	3.5	17.90966	0.03415	17.89972	2.2E+08
15.66642	15.8	15.4	15.30997	15.37794	15.18398	3.61077	3.9	3.5	17.99286	0.02053	17.98277	2.2E+08
15.80404	15.9	15.7	15.29019	15.40565	15.18398	3.51938	3.9	3.5	18.07607	0.00774	18.06611	2.2E+08
15.9026	16	15.8	15.23309	15.37794	15.10085	3.69069	3.8	3.4	18.15927	0	18.14972	2.2E+08
15.9026	16	15.8	15.23309	15.37794	15.10085	3.69069	3.8	3.4	18.24248	0.00688	18.23277	2.2E+08
16.13406	16.4	15.9	15.14163	15.2394	15.01773	3.61286	3.8	3.3	18.32568	0.01372	18.31639	2.2E+08
16.13406	16.4	15.9	15.14163	15.2394	15.01773	3.61286	3.8	3.3	18.40888	0	18.39944	2.2E+08
16.1691	16.3	16	15.16083	15.2671	15.07315	3.68524	3.9	3.4	18.49208	0.00684	18.48277	2.2E+08
16.18324	16.3	16	15.11127	15.2394	14.99003	3.71675	3.9	3.6	18.57529	0	18.56611	2.2E+08
16.04897	16.2	15.9	15.09424	15.2394	14.99003	3.89466	4.1	3.7	18.65849	0.02051	18.64944	2.2E+08
16.04696	16.2	15.9	15.10196	15.18398	15.01773	3.96378	4.2	3.7	18.74169	0.02731	18.73277	2.2E+08
16.05687	16.3	16	15.11038	15.21169	15.01773	3.98875	4.2	3.5	18.8249	0.02047	18.81611	2.2E+08
16.17639	16.5	15.9	15.12954	15.21169	14.99003	3.92959	4.2	3.5	18.9081	0.04791	18.89944	2.2E+08
16.27575	16.4	16	15.1139	15.2394	15.01773	3.90407	4.2	3.6	18.9913	0.01373	18.98277	2.2E+08
16.35223	16.5	16.2	15.0682	15.18398	14.96232	3.9115	4.1	3.7	19.07451	0.02049	19.06639	2.2E+08
16.35223	16.5	16.2	15.0682	15.18398	14.96232	3.9115	3.9	3.7	19.15771	0	19.14944	2.2E+08
16.46042	16.5	16.4	14.90084	15.07315	14.76836	3.83286	4.1	3.8	19.24091	0	19.23305	2.2E+08
16.38328	16.5	16.3	14.87134	14.96232	14.76836	3.93015	4.1	3.8	19.32412	0.02049	19.31611	2.2E+08
16.32012	16.4	16.2	14.84018	14.96232	14.74065	3.98665	4.3	3.8	19.40732	0.0342	19.39944	2.2E+08
16.32284	16.5	16	14.91361	15.04544	14.74065	3.97385	4.3	3.8	19.49053	0.01373	19.48277	2.2E+08
16.3066	16.5	16.2	14.95334	15.07315	14.82377	3.98668	4.1	3.8	19.57373	0.03422	19.56611	2.2E+08
16.32615	16.5	16.2	15.0296	15.15627	14.93461	3.94698	4.1	3.7	19.65693	0.03424	19.64944	2.2E+08
16.42612	16.5	16.3	14.92585	15.04544	14.76836	3.87052	4	3.7	19.74014	0	19.73305	2.2E+08
16.44963	16.5	16.4	14.86806	14.96232	14.76836	3.894	4.1	3.8	19.82334	0.01374	19.81639	2.2E+08
16.44963	16.5	16.4	14.86806	14.96232	14.76836	3.894	4.1	3.8	19.90654	0.02047	19.89944	2.2E+08
16.47981	16.8	16.4	14.96097	15.12856	14.85148	3.92023	4.1	3.7	19.98974	0	19.98305	2.2E+08
16.47981	16.8	16.4	14.96097	15.12856	14.85148	3.92023	4.1	3.7	20.07295	0.0138	20.06611	2.2E+08
16.86715	17	16.8	14.95397	15.10085	14.76836	3.66039	3.8	3.5	20.15616	0	20.14972	2.2E+08
16.73214	17	16.4	14.99704	15.12856	14.79607	3.88128	4.4	3.7	20.23936	0	20.23277	2.2E+08
16.60876	16.9	16.5	14.98641	15.12856	14.85148	4.30465	4.5	4	20.32257	0	20.31639	2.2E+08
16.60876	16.9	16.5	14.98641	15.12856	14.85148	4.30465	4.5	4	20.40577	0.03424	20.39944	2.2E+08
16.87338	17.1	16.5	15.00586	15.12856	14.85148	4.10982	4.5	3.9	20.48898	0.0614	20.48305	2.2E+08
16.87338	17.1	16.5	15.00586	15.12856	14.85148	4.10982	4.5	3.9	20.57218	0.03429	20.56611	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.83149	17	16.6	15.03265	15.12856	14.9069	4.1859	4.5	4	20.65539	0.04818	20.64944	2.2E+08
16.87252	17	16.8	14.95997	15.04544	14.87919	4.26372	4.4	4.1	20.73859	0.01383	20.73305	2.2E+08
16.87252	17	16.8	14.95997	15.04544	14.87919	4.26372	4.4	4.1	20.82179	0.01383	20.81611	2.2E+08
16.75898	17	16.5	15.02638	15.15627	14.9069	4.42154	4.3	4	20.905	0	20.89944	2.2E+08
17.15381	17.4	16.9	15.06985	15.15627	14.96232	4.11728	4.5	3.8	20.9882	0.03428	20.98305	2.2E+08
17.15381	17.4	16.9	15.06985	15.15627	14.96232	4.11728	4.5	3.8	21.0714	0	21.06611	2.2E+08
17.29074	17.6	16.9	15.01697	15.10085	14.9069	4.24277	4.7	3.9	21.15461	0	21.14972	2.2E+08
17.29074	17.6	16.9	15.01697	15.10085	14.9069	4.24277	4.7	3.9	21.23782	0.10295	21.23277	2.2E+08
17.30935	17.5	17.1	15.05426	15.12856	14.93461	4.28729	4.5	4.1	21.32103	0.05474	21.31639	2.2E+08
17.30935	17.5	17.1	15.05426	15.12856	14.93461	4.28729	4.5	4.1	21.40424	0.03574	21.39944	2.2E+08
17.52322	18	17.4	15.03495	15.12856	14.9069	4.15999	4.3	3.7	21.48744	0	21.48277	2.2E+08
17.58862	17.8	17.4	15.19659	15.32252	15.01773	4.48856	4.7	4.2	21.57064	0	21.56639	2.2E+08
17.58862	17.8	17.4	15.19659	15.32252	15.01773	4.48856	4.8	4.3	21.65385	0.06878	21.64972	2.2E+08
17.55021	17.8	17.4	15.30814	15.46106	15.15627	4.59337	4.8	4.3	21.73705	0	21.73277	2.2E+08
18.00471	18.3	17.7	15.2647	15.40565	15.12856	4.16172	4.6	4.1	21.82026	0.03438	21.81639	2.2E+08
17.94174	18.2	17.7	15.31626	15.46106	15.10085	4.34816	4.6	4.1	21.90347	0.00645	21.89944	2.2E+08
19.14856	19.5	18.7	15.42731	15.62731	15.2671	3.63589	4.3	3.2	21.98667	0	21.98305	2.2E+08
19.14856	19.5	18.7	15.42731	15.62731	15.2671	3.63589	4.3	3.2	22.06987	0.00611	22.06611	2.2E+08
18.55222	19.4	18	15.77414	16.01522	15.54418	4.83494	5.5	3.9	22.15307	0.06876	22.14972	2.2E+08
18.55222	19.4	18	15.77414	16.01522	15.54418	4.83494	5.5	3.9	22.23628	0	22.23277	2.2E+08
19.13883	19.8	18.9	15.76675	15.87668	15.65502	4.51546	4.9	3.7	22.31948	0.02627	22.31639	2.2E+08
18.87618	19.5	18.4	15.8354	16.01522	15.68273	4.9641	5.6	4.2	22.40268	0.0345	22.39972	2.2E+08
18.87618	19.5	18.4	15.8354	16.01522	15.68273	4.9641	5.6	4.2	22.48589	0.02183	22.48277	2.2E+08
18.4351	18.8	18.1	15.87491	15.98751	15.71043	5.39108	5.7	5	22.56909	0.04068	22.56611	2.2E+08
18.64297	19	18.2	15.83908	16.01522	15.73814	4.99059	5.3	4.2	22.65229	0	22.64972	2.2E+08
18.80074	19.4	18.3	15.80276	15.87668	15.71043	4.77978	5.3	4.2	22.7355	0.03452	22.73277	2.2E+08
19.00201	19.5	18.6	15.7947	15.93209	15.68273	4.54835	5	4	22.8187	0.02027	22.81611	2.2E+08
18.82586	19.4	18.4	15.8123	15.98751	15.68273	4.70368	5.2	4.1	22.9019	0.04883	22.89944	2.2E+08
19.01071	19.4	18.6	15.80898	15.9598	15.71043	4.50607	5	4.1	22.98511	0.01423	22.98305	2.2E+08
19.01071	19.4	18.6	15.80898	15.9598	15.71043	4.50607	4.7	4.3	23.06831	0.03455	23.06639	2.2E+08
18.95694	19.2	18.8	15.85373	15.9598	15.73814	4.53636	4.7	4.3	23.15151	0.00601	23.14944	2.2E+08
19.01027	19.3	18.7	15.86551	15.98751	15.73814	4.46285	4.8	4.2	23.23471	0.00595	23.23277	2.2E+08
19.22677	19.8	18.7	15.8549	16.01522	15.71043	4.29675	4.9	3.7	23.31793	0.02878	23.31611	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.24896	19.5	18.9	15.91339	16.07064	15.76585	4.28462	4.6	4.1	23.40113	0.01432	23.39972	2.2E+08
19.24896	19.5	18.9	15.91339	16.07064	15.76585	4.28462	4.6	4.1	23.48434	0	23.48277	2.2E+08
19.26603	19.6	18.9	15.93626	16.07064	15.76585	4.26421	5	4.3	23.56754	0.00609	23.56639	2.2E+08
18.83284	19.2	18.6	15.99346	16.12605	15.84897	4.68058	5	4.3	23.65074	0.06094	23.64944	2.2E+08
18.52538	19	18.2	16.0303	16.12605	15.93209	4.85379	5.2	4.3	23.73395	0.03462	23.73277	2.2E+08
19.18982	19.5	18.7	15.87701	16.12605	15.71043	4.11017	4.6	3.8	23.81716	0.03461	23.81611	2.2E+08
19.40617	20.2	18.8	15.84318	16.01522	15.71043	3.90323	4.6	3.1	23.90037	0.08387	23.89972	2.2E+08
19.40617	20.2	18.8	15.84318	16.01522	15.71043	3.90323	4.6	3.1	23.98357	0	23.98277	2.2E+08
19.6666	20.5	19.2	15.9327	16.12605	15.71043	3.73066	4.2	2.8	24.00114	0	24	2.2E+08
19.05501	19.5	18.7	2.81164	16.12605	0	4.30167	4.8	3.8	24.00114	0	24	2.2E+08
18.81579	19.3	18.4	0	0	0	4.38367	4.9	3.7	24.00114	0	24	2.2E+08
18.9214	19.2	18.4	0	0	0	4.11405	4.6	3.8	24.00114	0	24	2.2E+08
19.20467	19.5	18.9	0	0	0	3.72493	4	3.4	24.00114	0	24	2.2E+08
19.03667	19.3	18.8	0	0	0	3.85325	4.2	3.6	24.00114	0	24	2.2E+08
18.70975	19.3	18.1	0	0	0	4.11718	4.7	3.5	24.00114	0	24	2.2E+08
19.11195	19.4	18.3	0	0	0	3.6176	4.5	3.3	24.00114	0	24	2.2E+08
19.11195	19.4	18.3	0	0	0	3.6176	4.5	3.3	24.00114	0	24	2.2E+08
19.26179	19.9	18.8	0	0	0	3.4885	4	2.8	24.00114	0	24	2.2E+08
18.74828	19.2	18.4	0	0	0	4.03834	4.4	3.5	24.00114	0	24	2.2E+08
18.71544	19.2	18.3	0	0	0	3.96708	4.4	3.5	24.00114	0	24	2.2E+08
19.01458	19.3	18.7	0	0	0	3.59549	3.9	3.3	24.00114	0	24	2.2E+08
19.01458	19.3	18.7	0	0	0	3.59549	3.9	3.3	24.00114	0	24	2.2E+08
18.9077	19.4	18.4	0	0	0	3.61117	4.2	3.1	24.00114	0	24	2.2E+08
18.3382	18.6	18.2	0	0	0	4.02356	4.2	3.9	24.00114	0	24	2.2E+08
18.50753	18.9	18.2	0	0	0	3.75559	4	3.4	24.00114	0	24	2.2E+08
18.62245	19	18.1	0	0	0	3.59097	4.1	3.2	24.00114	0	24	2.2E+08
18.67642	19	18.2	0	0	0	3.48334	4	3.1	24.00114	0	24	2.2E+08
18.40449	18.7	18.1	0	0	0	3.6687	4	3.3	24.00114	0	24	2.2E+08
18.84358	19.3	18.3	10.4988	14.15878	0	3.10989	3.7	2.5	0.0653	0.01418	0.06666	2.2E+08
18.78263	19.2	18.3	14.05998	14.24191	13.93712	3.22743	3.7	2.8	0.14868	0.03459	0.15	2.2E+08
18.78263	19.2	18.3	14.05998	14.24191	13.93712	3.22743	3.7	2.8	0.23205	0.08946	0.23305	2.2E+08
18.89086	19.2	18.4	14.11691	14.29733	13.96483	3.24331	3.8	2.8	0.31544	0.03458	0.31638	2.2E+08
18.54147	18.8	18.3	14.4406	14.60211	14.2142	3.62224	3.9	3.3	0.39881	0.00775	0.4	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.54147	18.8	18.3	14.4406	14.60211	14.2142	3.62224	3.9	3.3	0.48219	0.02031	0.48305	2.2E+08
18.83692	19	18.7	14.52151	14.65753	14.40816	3.28657	3.5	3.1	0.56557	0	0.56638	2.2E+08
18.51078	18.9	18.1	14.58758	14.76836	14.43587	3.5489	4	3.1	0.64893	0	0.64972	2.2E+08
17.9209	18.2	17.7	14.65154	14.76836	14.5744	3.95505	4	3.6	0.7323	0	0.73333	2.2E+08
17.84361	18.1	17.7	14.69279	14.82377	14.5744	3.853	4	3.6	0.81568	0.01411	0.81638	2.2E+08
18.01798	18.2	17.7	14.63417	14.71295	14.5467	3.58201	3.9	3.3	0.89905	0.06902	0.89972	2.2E+08
17.83496	18.1	17.7	14.63353	14.71295	14.5744	3.65502	3.8	3.4	0.98241	0.03445	0.98333	2.2E+08
17.83496	18.1	17.7	14.63353	14.71295	14.5744	3.65502	3.8	3.4	1.06578	0	1.06638	2.2E+08
17.69269	17.8	17.5	14.63214	14.74065	14.5467	3.64291	3.8	3.4	1.14915	0.01403	1.14972	2.2E+08
17.70403	17.8	17.6	14.67395	14.74065	14.60211	3.34968	3.5	3.2	1.23252	0.01265	1.23333	2.2E+08
17.70403	17.8	17.6	14.67395	14.74065	14.60211	3.34968	3.5	3.2	1.31589	0.10325	1.31638	2.2E+08
17.58936	17.7	17.4	14.69771	14.82377	14.5744	3.39718	3.8	3.4	1.39926	0.01394	1.4	2.2E+08
17.09937	17.2	16.9	14.75275	14.85148	14.60211	3.58316	3.9	3.4	1.48263	0.01391	1.48333	2.2E+08
17.09937	17.2	16.9	14.75275	14.85148	14.60211	3.58316	3.9	3.4	1.566	0.05477	1.56638	2.2E+08
16.88665	17	16.8	14.7709	14.87919	14.65753	3.52282	3.7	3.4	1.64938	0.04823	1.65	2.2E+08
16.88665	17	16.8	14.7709	14.87919	14.65753	3.52282	3.7	3.4	1.73275	0.05476	1.73305	2.2E+08
16.79932	16.9	16.5	14.82675	14.93461	14.74065	3.47052	3.7	3.4	1.81612	0.03432	1.81638	2.2E+08
16.62226	16.8	16.4	14.77119	14.85148	14.68524	3.39457	3.6	3.2	1.8995	0.02049	1.9	2.2E+08
16.62226	16.8	16.4	14.77119	14.85148	14.68524	3.39457	3.6	3.2	1.98287	0	1.98305	2.2E+08
16.41342	16.5	16.4	14.83581	14.96232	14.74065	3.37995	3.5	3.2	2.06624	0	2.06666	2.2E+08
16.41342	16.5	16.4	14.83581	14.96232	14.74065	3.37995	3.5	3.2	2.14962	0.11665	2.14972	2.2E+08
16.22954	16.3	16.2	14.85477	15.04544	14.71295	3.3538	3.5	3.1	2.233	0.08906	2.23333	2.2E+08
16.22954	16.3	16.2	14.85477	15.04544	14.71295	3.3538	3.5	3.1	2.31637	0.00673	2.31638	2.2E+08
16.19341	16.3	16	14.94283	15.07315	14.79607	3.25229	3.5	3.1	2.39973	0	2.39972	2.2E+08
15.97513	16.2	15.8	14.95324	15.10085	14.79607	3.31814	3.5	3.1	2.4831	0.02051	2.48305	2.2E+08
15.85301	16	15.8	14.99707	15.12856	14.87919	3.3369	3.4	3.2	2.56647	0	2.56666	2.2E+08
15.85301	16	15.8	14.99707	15.12856	14.87919	3.3369	3.4	3.2	2.64982	0.03423	2.64972	2.2E+08
15.81007	15.9	15.8	15.06631	15.12856	14.96232	3.22956	3.3	3.1	2.73317	0	2.73333	2.2E+08
15.75648	15.8	15.7	15.07622	15.15627	14.99003	3.24019	3.3	3.1	2.81653	0.0342	2.81666	2.2E+08
15.62634	15.7	15.4	15.07398	15.15627	14.99003	3.29321	3.6	3.1	2.89991	0.0069	2.9	2.2E+08
15.62634	15.7	15.4	15.07398	15.15627	14.99003	3.29321	3.6	3.1	2.9833	0.06834	2.98305	2.2E+08
15.4591	15.7	15.4	15.08641	15.18398	14.99003	3.35768	3.6	3.2	3.06669	0.02055	3.06638	2.2E+08
15.39662	15.6	15.3	15.1402	15.2671	15.01773	3.36715	3.5	3.2	3.15006	0.06829	3.14972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
15.2833	15.3	15.2	15.12891	15.21169	15.04544	3.30334	3.4	3.2	3.23344	0.04773	3.23333	2.2E+08
15.2833	15.3	15.2	15.12891	15.21169	15.04544	3.30334	3.4	3.2	3.31683	0.02056	3.31638	2.2E+08
15.26649	15.3	15.2	15.10221	15.21169	14.99003	3.2335	3.3	3.1	3.40023	0.06834	3.4	2.2E+08
15.26649	15.3	15.2	15.10221	15.21169	14.99003	3.2335	3.3	3.1	3.48362	0	3.48305	2.2E+08
15.30402	15.4	15.2	15.10336	15.21169	14.99003	3.17314	3.3	2.9	3.56702	0.04695	3.56638	2.2E+08
15.30663	15.4	15.2	15.08681	15.2394	14.99003	3.1565	3.3	2.9	3.65039	0.03416	3.65	2.2E+08
15.30663	15.4	15.2	15.08681	15.2394	14.99003	3.1565	3.3	2.9	3.73376	0	3.73305	2.2E+08
15.37651	15.4	15.3	14.94185	15.10085	14.76836	3.1067	3.2	3	3.81714	0	3.81666	2.2E+08
15.37651	15.4	15.3	14.94185	15.10085	14.76836	3.1067	3.2	3	3.90053	0.06829	3.89972	2.2E+08
15.43226	15.6	15.4	14.78784	14.9069	14.68524	3.05765	3.2	2.8	3.98391	0.10242	3.98305	2.2E+08
15.35976	15.4	15.3	14.82678	14.93461	14.62982	3.12549	3.2	2.8	4.06727	0.03412	4.06639	2.2E+08
15.18329	15.2	15.1	14.88256	15.01773	14.76836	3.26297	3.4	3	4.15064	0.02638	4.15	2.2E+08
15.18329	15.2	15.1	14.88256	15.01773	14.76836	3.26297	3.4	3	4.23401	0.0547	4.23305	2.2E+08
15.15979	15.2	15.1	14.86731	15.01773	14.74065	3.20937	3.3	3	4.31739	0.01282	4.31666	2.2E+08
15.15038	15.2	15.1	14.83337	14.99003	14.71295	3.14885	3.3	3	4.40076	0.04696	4.39972	2.2E+08
15.15039	15.2	15.1	14.9184	15.04544	14.82377	3.08318	3.1	2.9	4.48412	0.04186	4.48333	2.2E+08
15.12014	15.2	15.1	14.94215	15.07315	14.76836	3.02282	3.1	2.9	4.56748	0.03413	4.56666	2.2E+08
15.12014	15.2	15.1	14.94215	15.07315	14.76836	3.02282	3.1	2.9	4.65084	0.06825	4.64972	2.2E+08
15.10603	15.2	15.1	15.01727	15.12856	14.87919	2.97647	3.1	2.9	4.73419	0.03412	4.73333	2.2E+08
15.10603	15.2	15.1	15.01727	15.12856	14.87919	2.97647	3.1	2.9	4.81753	0.04059	4.81639	2.2E+08
15.07717	15.1	15	15.08234	15.2394	14.96232	2.98925	3.1	2.9	4.90089	0.03413	4.9	2.2E+08
15.07717	15.1	15	15.08234	15.2394	14.96232	2.98925	3.1	2.9	4.98425	0.05538	4.98305	2.2E+08
15.09327	15.1	15	14.97228	15.07315	14.85148	2.9094	3	2.9	5.06761	0.03412	5.06666	2.2E+08
15.09327	15.1	15	14.97228	15.07315	14.85148	2.9094	3	2.9	5.15095	0.06825	5.14972	2.2E+08
15.1	15.1	15.1	14.92741	15.04544	14.76836	2.8524	3	2.8	5.23431	0.03413	5.23305	2.2E+08
15.11007	15.2	15.1	14.90425	15.04544	14.76836	2.78993	2.9	2.7	5.31768	0.06825	5.31639	2.2E+08
15.07315	15.1	14.8	14.92893	15.10085	14.71295	2.72702	3.1	2.5	5.40103	0.01354	5.4	2.2E+08
15.07315	15.1	14.8	14.92893	15.10085	14.71295	2.72702	3.1	2.5	5.48441	0.11006	5.48305	2.2E+08
15.09329	15.1	15	14.79043	14.9069	14.65753	2.52552	2.7	2.5	5.56781	0.0341	5.56666	2.2E+08
15.09329	15.1	15	14.79043	14.9069	14.65753	2.52552	3	2.5	5.65118	0	5.65	2.2E+08
15.00596	15.1	14.8	14.81185	14.9069	14.71295	2.64782	3	2.5	5.73453	0.09525	5.73305	2.2E+08
14.87042	15.1	14.8	14.86145	14.99003	14.76836	2.74298	3	2.5	5.81787	0.02768	5.81639	2.2E+08
14.84701	15	14.8	14.89468	15.01773	14.74065	2.74626	2.8	2.5	5.90121	0.06818	5.9	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
14.84701	15	14.8	14.89468	15.01773	14.74065	2.74626	2.8	2.5	5.98456	0	5.98305	2.2E+08
14.77988	14.8	14.7	14.8908	14.99003	14.76836	2.77989	2.9	2.7	6.06791	0	6.06666	2.2E+08
14.77988	14.8	14.7	14.8908	14.99003	14.76836	2.77989	2.9	2.7	6.15126	0.00574	6.14972	2.2E+08
14.75641	14.8	14.7	14.92906	15.01773	14.85148	2.7771	2.9	2.7	6.23462	0.06818	6.23305	2.2E+08
14.71949	14.8	14.6	14.99842	15.15627	14.85148	2.78653	2.9	2.7	6.31799	0.03408	6.31666	2.2E+08
14.71949	14.8	14.6	14.99842	15.15627	14.85148	2.78653	2.9	2.7	6.40138	0.03408	6.39972	2.2E+08
14.67984	14.8	14.5	14.95242	15.07315	14.76836	2.81007	3	2.7	6.48475	0.03406	6.48333	2.2E+08
14.67984	14.8	14.5	14.95242	15.07315	14.76836	2.81007	3	2.7	6.56811	0.03408	6.56639	2.2E+08
14.68992	14.7	14.6	14.93142	15.07315	14.82377	2.75049	2.9	2.6	6.65147	0	6.64972	2.2E+08
14.62548	14.8	14.5	14.95313	15.10085	14.74065	2.73026	2.9	2.6	6.73483	0.05465	6.73305	2.2E+08
14.56378	14.7	14.5	14.98901	15.10085	14.82377	2.80607	3	2.6	6.8182	0.05465	6.81639	2.2E+08
14.55966	14.7	14.5	15.04848	15.15627	14.93461	2.76719	2.8	2.5	6.90155	0.01346	6.89972	2.2E+08
14.68993	14.7	14.6	15.06015	15.15627	14.96232	2.62014	2.7	2.6	6.98492	0	6.98333	2.2E+08
14.68993	14.7	14.6	15.06015	15.15627	14.96232	2.62014	2.7	2.6	7.06827	0.04118	7.06639	2.2E+08
14.76689	15	14.7	15.07512	15.15627	14.93461	2.5331	2.6	2.3	7.15162	0.1023	7.14972	2.2E+08
14.92963	15.1	14.8	15.0675	15.15627	14.96232	2.37037	2.5	2.2	7.23497	0.03412	7.23333	2.2E+08
14.92963	15.1	14.8	15.0675	15.15627	14.96232	2.37037	2.5	2.2	7.31831	0.02699	7.31639	2.2E+08
14.84548	15	14.8	15.07183	15.15627	14.96232	2.46456	2.7	2.3	7.40167	0.0683	7.39972	2.2E+08
15.23899	15.6	15.1	15.03511	15.12856	14.87919	2.11795	2.4	1.7	7.48504	0.03408	7.48333	2.2E+08
15.23899	15.6	15.1	15.03511	15.12856	14.87919	2.11795	2.7	2.2	7.56842	0.03406	7.56666	2.2E+08
14.94577	15.1	14.8	14.99039	15.12856	14.85148	2.47024	2.7	2.2	7.65177	0.03405	7.64972	2.2E+08
14.66247	14.8	14.5	15.09074	15.18398	14.93461	2.78713	3.1	2.8	7.73513	0.03407	7.73305	2.2E+08
14.4732	14.5	14.4	15.18913	15.32252	15.07315	3.04014	3.2	3	7.81848	0	7.81666	2.2E+08
14.4732	14.5	14.4	15.18913	15.32252	15.07315	3.04014	3.2	3	7.90186	0	7.89972	2.2E+08
14.38658	14.4	14.2	15.24517	15.35023	15.10085	3.18722	3.4	3.1	7.98525	0.03404	7.98333	2.2E+08
14.38658	14.4	14.2	15.24517	15.35023	15.10085	3.18722	3.4	3.1	8.06861	0	8.06639	2.2E+08
14.25238	14.4	14.2	15.26264	15.35023	15.15627	3.31073	3.4	3.1	8.15197	0.034	8.14972	2.2E+08
14.16642	14.4	14.1	15.24574	15.35023	15.12856	3.33357	3.4	3.1	8.23537	0.02064	8.23333	2.2E+08
14.16642	14.4	14.1	15.24574	15.35023	15.12856	3.33357	3.4	3.1	8.31878	0.034	8.31639	2.2E+08
14.19999	14.4	14.1	15.30044	15.37794	15.21169	3.2933	3.4	3.1	8.40219	0.034	8.39972	2.2E+08
14.18655	14.4	14.1	15.27859	15.37794	15.15627	3.29999	3.4	3.1	8.48561	0	8.48305	2.2E+08
14.17383	14.4	14.1	15.30156	15.40565	15.18398	3.30938	3.4	3.1	8.56902	0.034	8.56666	2.2E+08
14.17383	14.4	14.1	15.30156	15.40565	15.18398	3.30938	3.4	3.1	8.65241	0.04691	8.64972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
14.21344	14.4	14.1	15.3516	15.43336	15.2394	3.24291	3.4	3	8.73583	0.02677	8.73333	2.2E+08
14.21344	14.4	14.1	15.3516	15.43336	15.2394	3.24291	3.4	3	8.81927	0	8.81639	2.2E+08
14.03954	14.2	13.8	15.43317	15.54418	15.32252	3.4571	3.7	3.3	8.90269	0.02066	8.9	2.2E+08
14.03954	14.2	13.8	15.43317	15.54418	15.32252	3.4571	3.7	3.3	8.98609	0.03392	8.98305	2.2E+08
13.95292	14.1	13.5	15.37625	15.48877	15.29481	3.54707	4	3.4	9.06955	0	9.06666	2.2E+08
13.95292	14.1	13.5	15.37625	15.48877	15.29481	3.54707	4	3.4	9.15299	0.00723	9.14972	2.2E+08
14.32612	14.4	14.2	15.26576	15.37794	15.18398	2.96381	3.1	2.8	9.23643	0.03403	9.23333	2.2E+08
14.32612	14.4	14.2	15.26576	15.37794	15.18398	2.96381	3.1	2.8	9.31989	0	9.31639	2.2E+08
14.32629	14.4	14.2	15.26054	15.37794	15.18398	2.70058	2.8	2.5	9.40332	0	9.4	2.2E+08
14.32629	14.4	14.2	15.26054	15.37794	15.18398	2.70058	2.8	2.5	9.48676	0	9.48305	2.2E+08
14.22685	14.4	14.1	15.29687	15.37794	15.21169	2.68594	2.8	2.5	9.5702	0	9.56639	2.2E+08
14.37315	14.4	14.2	15.26938	15.35023	15.18398	2.35705	2.6	2.3	9.65363	0	9.65	2.2E+08
14.37315	14.4	14.2	15.26938	15.35023	15.18398	2.35705	2.6	2.3	9.73706	0	9.73305	2.2E+08
14.3462	14.4	14.2	15.30142	15.40565	15.15627	2.29735	2.5	2.2	9.82049	0.03404	9.81666	2.2E+08
14.36642	14.4	14.2	15.23433	15.32252	15.15627	2.24635	2.4	2.2	9.90393	0.04126	9.9	2.2E+08
14.36642	14.4	14.2	15.23433	15.32252	15.15627	2.24635	2.4	2	9.98739	0.00723	9.98333	2.2E+08
14.36662	14.4	14.2	15.20808	15.29481	15.12856	2.22663	2.4	2	10.07083	0	10.06639	2.2E+08
14.35113	14.4	14.1	15.22861	15.32252	15.15627	2.22872	2.5	2	10.15427	0.02065	10.14972	2.2E+08
14.03639	14.1	13.9	15.25235	15.35023	15.12856	2.51457	2.7	2.3	10.23772	0.04732	10.23333	2.2E+08
14.03639	14.1	13.9	15.25235	15.35023	15.12856	2.51457	2.7	2.3	10.32114	0	10.31639	2.2E+08
13.88866	14.1	13.8	15.27095	15.40565	15.15627	2.57522	2.8	2.4	10.40456	0.00774	10.4	2.2E+08
13.80672	13.9	13.8	15.31266	15.40565	15.18398	2.50334	2.6	2.4	10.48797	0.02622	10.48333	2.2E+08
13.80672	13.9	13.8	15.31266	15.40565	15.18398	2.50334	2.6	2.4	10.57137	0.02069	10.56639	2.2E+08
13.67567	13.8	13.5	15.33768	15.46106	15.2394	2.63036	2.8	2.5	10.65481	0	10.64972	2.2E+08
13.60333	13.8	13.5	15.37702	15.51647	15.29481	2.6933	2.8	2.5	10.73821	0.01327	10.73305	2.2E+08
13.74762	13.9	13.5	15.36633	15.46106	15.29481	2.52885	2.8	2.4	10.82166	0	10.81666	2.2E+08
13.74762	13.9	13.5	15.36633	15.46106	15.29481	2.52885	2.8	2.4	10.90512	0.06791	10.89972	2.2E+08
13.83293	13.9	13.8	15.35795	15.43336	15.2671	2.44352	2.5	2.3	10.98858	0.06799	10.98305	2.2E+08
13.88714	14	13.8	15.37726	15.46106	15.29481	2.4161	2.5	2.3	11.07202	0.05463	11.06639	2.2E+08
14.08381	14.2	13.9	15.39213	15.46106	15.32252	2.2562	2.5	2.2	11.15542	0.09486	11.14972	2.2E+08
14.22331	14.4	14.1	15.4025	15.51647	15.2394	2.31622	2.4	2.1	11.23883	0	11.23333	2.2E+08
14.4503	14.5	14.2	15.40562	15.57189	15.29481	2.20662	2.4	2.1	11.32225	0.04123	11.31639	2.2E+08
14.51342	14.7	14.5	15.32708	15.51647	15.21169	2.26362	2.4	2.2	11.4057	0.01343	11.39972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
14.55028	14.7	14.5	15.38637	15.54418	15.2394	2.3906	2.5	2.2	11.48916	0.03405	11.48305	2.2E+08
14.68656	14.8	14.6	15.41783	15.54418	15.2671	2.61005	2.7	2.5	11.5726	0.02059	11.56666	2.2E+08
14.68656	14.8	14.6	15.41783	15.54418	15.2671	2.61005	2.7	2.5	11.65605	0	11.64972	2.2E+08
14.68723	14.7	14.6	15.51895	15.62731	15.40565	2.77581	2.9	2.7	11.73949	0.03408	11.73305	2.2E+08
14.77727	14.8	14.7	15.49104	15.5996	15.35023	2.86985	3.1	2.8	11.82293	0.01347	11.81666	2.2E+08
14.77727	14.8	14.7	15.49104	15.5996	15.35023	2.86985	3.1	2.8	11.90637	0.0206	11.89972	2.2E+08
14.77986	14.8	14.7	15.60503	15.71043	15.48877	3.21076	3.4	3.1	11.98983	0	11.98333	2.2E+08
14.77986	14.8	14.7	15.60503	15.71043	15.48877	3.21076	3.4	3.1	12.07328	0	12.06639	2.2E+08
14.79401	15	14.7	15.69401	15.82126	15.5996	3.35973	3.5	3.2	12.15669	0	12.14972	2.2E+08
14.86024	15.1	14.8	15.70546	15.84897	15.57189	3.36996	3.8	3.2	12.24013	0.03408	12.23305	2.2E+08
14.70672	14.8	14.6	15.73456	15.82126	15.65502	3.6745	3.9	3.4	12.32355	0.00774	12.31666	2.2E+08
14.70672	14.8	14.6	15.73456	15.82126	15.65502	3.6745	3.9	3.4	12.40698	0.01343	12.39972	2.2E+08
14.65645	14.7	14.5	15.71218	15.82126	15.62731	3.67927	3.9	3.5	12.49044	0.03406	12.48305	2.2E+08
14.65309	14.7	14.5	15.70878	15.79355	15.62731	3.6242	3.9	3.5	12.57388	0	12.56666	2.2E+08
14.65309	14.7	14.5	15.70878	15.79355	15.62731	3.6242	3.9	3.5	12.65731	0.04123	12.64972	2.2E+08
14.60347	14.7	14.5	15.74803	15.84897	15.5996	3.64224	3.9	3.5	12.74075	0.05469	12.73305	2.2E+08
14.61748	14.7	14.5	15.72494	15.82126	15.65502	3.66493	4	3.5	12.82415	0.06822	12.81639	2.2E+08
14.79327	14.8	14.7	15.67455	15.87668	15.51647	3.54306	3.8	3.4	12.90756	0.01345	12.9	2.2E+08
14.79327	14.8	14.7	15.67455	15.87668	15.51647	3.54306	3.8	3.4	12.99097	0.03409	12.98305	2.2E+08
14.79329	14.8	14.7	15.63583	15.71043	15.51647	3.59318	3.8	3.4	13.07439	0	13.06666	2.2E+08
14.87365	15.1	14.7	15.64137	15.71043	15.54418	3.57933	3.8	3.4	13.15781	0.1023	13.14972	2.2E+08
14.82353	15.1	14.8	15.64436	15.76585	15.51647	3.66975	3.7	3.4	13.24122	0.03408	13.23333	2.2E+08
14.82353	15.1	14.8	15.64436	15.76585	15.51647	3.66975	3.7	3.4	13.32463	0.00711	13.31639	2.2E+08
14.79664	15	14.7	15.65019	15.73814	15.54418	3.70067	3.8	3.5	13.40804	0.03408	13.39972	2.2E+08
14.93289	15.1	14.8	15.62975	15.73814	15.51647	3.54426	3.7	3.3	13.49146	0.01354	13.48333	2.2E+08
14.93289	15.1	14.8	15.62975	15.73814	15.51647	3.54426	3.7	3.3	13.57486	0.03406	13.56639	2.2E+08
14.89107	15.1	14.7	15.64362	15.73814	15.51647	3.61564	3.8	3.4	13.65829	0.0547	13.65	2.2E+08
14.89107	15.1	14.7	15.64362	15.73814	15.51647	3.61564	3.8	3.4	13.74172	0.02767	13.73305	2.2E+08
15.06643	15.2	14.8	15.65885	15.73814	15.57189	3.45038	3.7	3.5	13.82509	0.03406	13.81639	2.2E+08
14.84703	15.1	14.7	15.67488	15.79355	15.57189	3.64635	3.8	3.4	13.90848	0.03409	13.9	2.2E+08
14.84703	15.1	14.7	15.67488	15.79355	15.57189	3.64635	3.8	3.4	13.99188	0	13.98305	2.2E+08
14.79329	14.8	14.7	15.67394	15.84897	15.54418	3.60608	3.8	3.4	14.07532	0	14.06666	2.2E+08
14.7699	15	14.7	15.70716	15.79355	15.5996	3.57657	3.8	3.4	14.15875	0.03406	14.15	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
14.7699	15	14.7	15.70716	15.79355	15.5996	3.57657	3.8	3.4	14.24215	0.08156	14.23305	2.2E+08
14.55574	14.7	14.5	15.74488	15.84897	15.62731	3.71815	3.9	3.6	14.32554	0	14.31666	2.2E+08
14.49664	14.6	14.4	15.68256	15.76585	15.5996	3.64288	3.8	3.5	14.40892	0.03406	14.4	2.2E+08
14.49664	14.6	14.4	15.68256	15.76585	15.5996	3.64288	3.8	3.5	14.4923	0.0681	14.48305	2.2E+08
14.49329	14.6	14.4	15.70155	15.79355	15.5996	3.54635	3.6	3.5	14.57568	0.03404	14.56666	2.2E+08
14.49329	14.6	14.4	15.70155	15.79355	15.5996	3.54635	3.6	3.5	14.65905	0	14.64972	2.2E+08
14.48983	14.6	14.4	15.70048	15.82126	15.62731	3.49337	3.6	3.4	14.74244	0.08872	14.73333	2.2E+08
14.48983	14.6	14.4	15.70048	15.82126	15.62731	3.49337	3.6	3.4	14.82587	0.03404	14.81639	2.2E+08
14.47381	14.5	14.4	15.74281	15.90439	15.65502	3.42618	3.5	3.4	14.90932	0.03404	14.9	2.2E+08
14.47381	14.5	14.4	15.74281	15.90439	15.65502	3.42618	3.5	3.4	14.99273	0.01912	14.98305	2.2E+08
14.53023	14.7	14.4	15.74014	15.84897	15.65502	3.36977	3.4	2.9	15.07615	0.07529	15.06666	2.2E+08
14.72053	15	14.5	15.724	15.84897	15.62731	3.18954	3.4	2.9	15.15962	0	15.14972	2.2E+08
15.42046	15.7	15.3	15.56874	15.68273	15.46106	2.58288	2.7	2.3	15.24305	0.02055	15.23333	2.2E+08
15.42046	15.7	15.3	15.56874	15.68273	15.46106	2.58288	2.7	2.3	15.32645	0.09556	15.31639	2.2E+08
15.50889	15.7	15.4	15.57819	15.71043	15.48877	2.71175	3.1	2.8	15.40986	0.0342	15.4	2.2E+08
15.73944	15.9	15.4	15.51828	15.5996	15.37794	3.09176	3.4	2.8	15.49325	0.06063	15.48333	2.2E+08
15.73944	15.9	15.4	15.51828	15.5996	15.37794	3.09176	3.4	2.8	15.57668	0	15.56639	2.2E+08
16.14073	16.3	16	15.54785	15.65502	15.43336	3.43075	3.7	3.3	15.66012	0.00774	15.65	2.2E+08
16.14073	16.3	16	15.54785	15.65502	15.43336	3.43075	3.7	3.3	15.74356	0.0215	15.73305	2.2E+08
16.48656	16.6	16.4	15.51278	15.62731	15.40565	3.7113	3.8	3.5	15.827	0	15.81666	2.2E+08
16.48656	16.6	16.4	15.51278	15.62731	15.40565	3.7113	3.8	3.5	15.91045	0.01389	15.89972	2.2E+08
17.28495	17.7	16.9	15.4609	15.57189	15.35023	3.3225	3.6	2.9	15.99389	0	15.98333	2.2E+08
17.28495	17.7	16.9	15.4609	15.57189	15.35023	3.3225	3.6	2.9	16.07733	0.02038	16.06639	2.2E+08
17.59907	17.8	17.4	15.42715	15.51647	15.32252	3.36852	3.6	3.1	16.16077	0	16.14972	2.2E+08
17.96616	18.3	17.5	15.40452	15.48877	15.32252	3.53384	4	3.2	16.24422	0.03445	16.23333	2.2E+08
17.96616	18.3	17.5	15.40452	15.48877	15.32252	3.53384	4	3.2	16.32769	0.02032	16.31639	2.2E+08
18.55191	19	18.2	15.24579	15.46106	14.99003	3.04876	3.4	2.6	16.41103	0.02034	16.39972	2.2E+08
18.23708	18.4	18.1	15.43565	15.5996	15.32252	3.97635	4.2	3.8	16.49423	0.01407	16.48333	2.2E+08
18.23708	18.4	18.1	15.43565	15.5996	15.32252	3.97635	4.2	3.8	16.57744	0.11081	16.56639	2.2E+08
17.68747	18.1	17.4	15.49473	15.62731	15.40565	4.55954	4.8	4.5	16.66064	0.05476	16.64972	2.2E+08
17.49999	17.6	17.4	15.47787	15.62731	15.37794	4.67651	4.8	4.5	16.74385	0	16.73305	2.2E+08
17.45366	17.5	17.4	15.43966	15.54418	15.35023	4.57922	4.8	4.3	16.82705	0.02655	16.81639	2.2E+08
16.8933	17.1	16.8	15.24881	15.43336	15.10085	4.6329	4.8	4.5	16.91026	0.00773	16.9	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.8933	17.1	16.8	15.24881	15.43336	15.10085	4.6329	4.8	4.5	16.99346	0.00773	16.98305	2.2E+08
16.88331	17.1	16.8	15.29475	15.40565	15.10085	4.32686	4.5	4.2	17.07666	0	17.06639	2.2E+08
16.80001	17.1	16.5	15.24325	15.40565	15.10085	4.22012	4.6	3.8	17.15987	0	17.14972	2.2E+08
17.03752	17.2	16.9	15.19847	15.37794	15.07315	3.86249	4.1	3.6	17.24308	0.00623	17.23305	2.2E+08
17.83677	18.4	17.2	15.1307	15.29481	14.99003	3.01618	3.7	2.5	17.32628	0	17.31639	2.2E+08
18.70334	18.8	18.6	15.05622	15.15627	14.9069	2.64076	2.9	2.4	17.40948	0	17.4	2.2E+08
18.42109	18.7	18.2	15.30728	15.51647	15.07315	3.28267	3.6	2.8	17.49269	0	17.48333	2.2E+08
18.42109	18.7	18.2	15.30728	15.51647	15.07315	3.28267	3.6	2.8	17.5759	0.05489	17.56639	2.2E+08
20.05096	20.5	19.8	15.38176	15.48877	15.2671	2.50376	3	1.9	17.65911	0	17.65	2.2E+08
20.05096	20.5	19.8	15.38176	15.48877	15.2671	2.50376	3	1.9	17.74231	0.03571	17.73305	2.2E+08
19.77274	20.2	19.2	15.93734	16.07064	15.71043	3.88277	4.4	3.4	17.82552	0.00772	17.81666	2.2E+08
19.77274	20.2	19.2	15.93734	16.07064	15.71043	3.88277	4.4	3.4	17.90872	0.00579	17.89972	2.2E+08
19.04466	19.9	18.7	16.04579	16.12605	15.90439	5.0661	5.5	4.1	17.99193	0	17.98333	2.2E+08
19.04466	19.9	18.7	16.04579	16.12605	15.90439	5.0661	5.9	5.3	18.07513	0.08778	18.06666	2.2E+08
18.56939	18.8	18.2	16.04931	16.09834	15.9598	5.53407	5.9	5.3	18.15833	0.01548	18.14972	2.2E+08
18.74578	19.2	18.4	15.96382	16.09834	15.84897	5.18712	5.6	4.8	18.24154	0.02837	18.23333	2.2E+08
18.74578	19.2	18.4	15.96382	16.09834	15.84897	5.18712	5.6	4.8	18.32474	0	18.31639	2.2E+08
17.81448	18.2	17.5	16.03407	16.09834	15.9598	5.96467	6.4	5.4	18.40794	0.06114	18.4	2.2E+08
17.81448	18.2	17.5	16.03407	16.09834	15.9598	5.96467	6.4	5.4	18.49114	0.00797	18.48305	2.2E+08
19.13635	19.6	18.7	15.80408	15.93209	15.68273	4.47374	4.9	4	18.57435	0.06314	18.56666	2.2E+08
19.13635	19.6	18.7	15.80408	15.93209	15.68273	4.47374	4.9	4	18.65755	0.01423	18.64972	2.2E+08
18.8128	19	18.7	15.8029	15.90439	15.71043	5.13421	5.3	4.9	18.74076	0.04712	18.73333	2.2E+08
18.8128	19	18.7	15.8029	15.90439	15.71043	5.13421	5.3	4.9	18.82396	0.06897	18.81639	2.2E+08
18.87785	19.5	18.4	15.83134	16.01522	15.71043	5.11207	5.7	4.5	18.90716	0.01258	18.9	2.2E+08
18.87785	19.5	18.4	15.83134	16.01522	15.71043	5.11207	5.7	4.5	18.99037	0.04062	18.98305	2.2E+08
18.82555	19.2	18.6	15.82279	15.93209	15.73814	5.21406	5.5	4.8	19.07357	0.0203	19.06666	2.2E+08
18.82555	19.2	18.6	15.82279	15.93209	15.73814	5.21406	5.5	4.8	19.15677	0.0346	19.14972	2.2E+08
19.26921	19.4	18.9	15.80669	15.90439	15.71043	4.78777	5.1	4.6	19.23998	0.00851	19.23305	2.2E+08
19.39707	19.8	19	15.8031	15.90439	15.73814	4.68611	5.1	4.3	19.32318	0.02023	19.31639	2.2E+08
19.5082	19.9	19.3	16.00244	16.12605	15.79355	4.85474	5.2	4.3	19.40639	0	19.4	2.2E+08
19.5082	19.9	19.3	16.00244	16.12605	15.79355	4.85474	5.2	4.3	19.48959	0.02866	19.48305	2.2E+08
20.04085	20.7	19.4	16.00089	16.12605	15.82126	4.45916	5.1	3.8	19.57279	0	19.56666	2.2E+08
20.04085	20.7	19.4	16.00089	16.12605	15.82126	4.45916	5.1	3.8	19.656	0.01446	19.64972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.89172	20.1	19.5	16.07173	16.18147	15.98751	4.71834	5.1	4.5	19.7392	0.01443	19.73333	2.2E+08
19.89172	20.1	19.5	16.07173	16.18147	15.98751	4.71834	5.1	4.5	19.8224	0.0115	19.81639	2.2E+08
20.50042	20.8	20.2	16.06337	16.18147	15.9598	4.19684	4.6	4	19.90561	0.01457	19.9	2.2E+08
20.50042	20.8	20.2	16.06337	16.18147	15.9598	4.19684	4.6	4	19.98881	0.02221	19.98305	2.2E+08
20.02657	20.5	19.5	16.17874	16.40313	16.04293	4.76669	5.3	4.3	20.07201	0.03465	20.06666	2.2E+08
20.02657	20.5	19.5	16.17874	16.40313	16.04293	4.76669	5.3	4.3	20.15522	0.04042	20.14972	2.2E+08
20.2461	20.7	19.6	16.19103	16.37543	16.04293	4.52444	5.2	4.1	20.23843	0	20.23305	2.2E+08
20.22158	20.7	19.8	16.31094	16.45855	16.12605	4.59855	5	4.1	20.32163	0.03476	20.31666	2.2E+08
20.22158	20.7	19.8	16.31094	16.45855	16.12605	4.59855	5	4.1	20.40483	0	20.39972	2.2E+08
20.26403	20.7	20	16.31005	16.45855	16.12605	4.54943	4.8	4.1	20.48804	0.03473	20.48305	2.2E+08
20.197	20.4	19.9	16.32437	16.51396	16.20918	4.62984	5.1	4.3	20.57124	0.03476	20.56639	2.2E+08
20.52769	20.8	20.2	16.38502	16.54167	16.18147	4.25954	4.6	3.9	20.65445	0.04032	20.64972	2.2E+08
20.79683	21.2	20.5	16.47378	16.6248	16.2923	4.17765	4.6	3.6	20.73765	0	20.73333	2.2E+08
20.79683	21.2	20.5	16.47378	16.6248	16.2923	4.17765	4.6	3.6	20.82086	0	20.81666	2.2E+08
20.84195	21.3	20.4	16.56171	16.68021	16.45855	4.28482	4.8	3.8	20.90406	0.04031	20.89972	2.2E+08
20.69736	21.2	20.4	16.62475	16.70792	16.54167	4.46564	5	4.1	20.98726	0.0202	20.98333	2.2E+08
20.60075	21	20.2	16.63246	16.73563	16.54167	4.53889	5	4.1	21.07046	0.02705	21.06639	2.2E+08
20.68583	21	20.4	16.65037	16.76334	16.56938	4.42435	4.8	4.1	21.15367	0.03486	21.14972	2.2E+08
21.04891	21.4	20.8	16.65894	16.73563	16.56938	4.12489	4.4	3.8	21.23688	0.03485	21.23333	2.2E+08
21.29213	21.7	20.8	16.64713	16.73563	16.54167	3.95209	4.4	3.6	21.32009	0	21.31666	2.2E+08
21.29213	21.7	20.8	16.64713	16.73563	16.54167	3.95209	4.4	3.6	21.4033	0.09535	21.39972	2.2E+08
21.0248	21.6	20.7	16.69436	16.84646	16.59709	4.3286	4.9	3.7	21.4865	0	21.48305	2.2E+08
20.87525	21.4	20.4	16.74962	16.87417	16.56938	4.49662	4.8	3.9	21.5697	0.02927	21.56666	2.2E+08
21.00468	21.4	20.5	16.70869	16.81875	16.6248	4.32555	4.8	3.9	21.65291	0.00916	21.64972	2.2E+08
20.9159	21.3	20.7	16.76542	16.92958	16.6525	4.36413	4.9	4	21.73611	0.02017	21.73305	2.2E+08
21.24527	21.7	21	16.75904	16.92958	16.56938	3.95807	4.3	3.5	21.81931	0.00546	21.81666	2.2E+08
21.24527	21.7	21	16.75904	16.92958	16.56938	3.95807	4.3	3.5	21.90252	0.04261	21.89972	2.2E+08
21.43137	21.7	21.1	16.76852	16.92958	16.6525	3.6854	4	3.4	21.98572	0.00536	21.98333	2.2E+08
21.43137	21.7	21.1	16.76852	16.92958	16.6525	3.6854	4	3.4	22.06893	0.03506	22.06639	2.2E+08
22.14904	22.8	21.7	16.70422	16.84646	16.59709	2.97437	3.4	2.3	22.15214	0	22.14972	2.2E+08
22.14474	22.5	21.7	16.71864	16.92958	16.56938	3.07205	3.5	2.7	22.23534	0.02006	22.23305	2.2E+08
22.96259	23.4	22.5	16.87233	17.01271	16.76334	2.66899	2.9	2.2	22.31855	0.03513	22.31666	2.2E+08
22.96259	23.4	22.5	16.87233	17.01271	16.76334	2.66899	2.9	2.2	22.40177	0.17021	22.39972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
23.3142	23.7	22.9	17.00745	17.15125	16.87417	2.92587	3.4	2.5	22.48502	0.17764	22.48333	2.2E+08
23.22535	24.1	21.8	17.09338	17.26208	16.95729	3.21412	5	1.8	22.56835	0.24525	22.56666	2.2E+08
23.22535	24.1	21.8	17.09338	17.26208	16.95729	3.21412	6.1	1.8	22.65167	0.09515	22.65	2.2E+08
23.04963	24.7	21.4	17.1531	17.28979	16.90188	3.55339	6.1	1.8	22.73495	0.04014	22.73305	2.2E+08
22.68482	24.3	21.9	17.19034	17.3175	17.06812	4.04467	5.6	2	22.81816	0.11535	22.81666	2.2E+08
22.60416	23	22	17.14566	17.28979	16.95729	3.9542	4.9	3.3	22.90139	0.02972	22.89972	2.2E+08
22.09566	23.4	21.3	16.96661	17.12354	16.81875	3.91348	5.6	2.2	22.98466	0.16671	22.98333	2.2E+08
22.09566	23.4	21.3	16.96661	17.12354	16.81875	3.91348	5.6	2.2	23.06793	0.10483	23.06639	2.2E+08
21.9802	22.8	21.2	16.91757	17.04042	16.81875	3.87441	4.9	2.8	23.15125	0.16105	23.14972	2.2E+08
21.53675	22.8	20.7	16.96396	17.06812	16.81875	4.09665	5.8	2.4	23.23458	0.1527	23.23305	2.2E+08
20.97198	22.3	19.9	16.99812	17.15125	16.84646	4.40533	6.4	2.9	23.31786	0.09125	23.31639	2.2E+08
21.36574	22	19.5	16.80063	17.01271	16.6525	3.6037	5.9	2.1	23.40116	0.06532	23.4	2.2E+08
21.36574	22	19.5	16.80063	17.01271	16.6525	3.6037	5.9	2.1	23.4844	0.18283	23.48305	2.2E+08
21.3134	21.8	20.7	16.86635	17.01271	16.6248	3.55315	4.3	2.9	23.56763	0.01475	23.56666	2.2E+08
21.3134	21.8	20.7	16.86635	17.01271	16.6248	3.55315	4.3	2.9	23.65085	0.05048	23.64972	2.2E+08
21.50522	21.8	21.2	16.84928	16.92958	16.73563	3.30819	3.7	3	23.73406	0.05507	23.73305	2.2E+08
21.8933	22.3	21.4	16.7796	16.90188	16.6248	2.95349	3.4	2.5	23.81727	0.01943	23.81639	2.2E+08
21.78602	22	21.6	16.9476	17.06812	16.73563	3.17862	3.5	2.9	23.90047	0.04026	23.89972	2.2E+08
21.22223	21.7	20.8	16.96987	17.04042	16.84646	3.62154	3.9	3.3	23.98368	0.06052	23.98333	2.2E+08
21.22223	21.7	20.8	16.96987	17.04042	16.84646	3.62154	3.9	3.3	24.00173	0	24.00055	2.2E+08
21.15134	21.7	20.5	3.11643	17.01271	0	3.36835	3.9	2.5	24.00173	0	24.00055	2.2E+08
21.27928	21.4	21.2	0	0	0	3.00465	3.4	2.7	24.00173	0	24.00055	2.2E+08
20.79407	21	20.7	0	0	0	2.99584	3.2	2.6	24.00173	0	24.00055	2.2E+08
20.79407	21	20.7	0	0	0	2.99584	3.2	2.6	24.00173	0	24.00055	2.2E+08
20.61932	20.8	20.5	0	0	0	3.07477	4	2.9	24.00173	0	24.00055	2.2E+08
19.35411	19.8	19	0	0	0	4.01173	4.4	3.7	24.00173	0	24.00055	2.2E+08
18.91627	19.2	18.8	0	0	0	4.20012	4.4	4	24.00173	0	24.00055	2.2E+08
18.71288	18.8	18.4	0	0	0	4.1168	4.4	4	24.00173	0	24.00055	2.2E+08
18.54288	18.7	18.4	0	0	0	4.06352	4.4	3.7	24.00173	0	24.00055	2.2E+08
18.54288	18.7	18.4	0	0	0	4.06352	4.4	3.7	24.00173	0	24.00055	2.2E+08
18.33507	18.6	18.2	0	0	0	3.96773	4.2	3.7	24.00173	0	24.00055	2.2E+08
18.1934	18.3	18.1	0	0	0	3.95631	4.1	3.8	24.00173	0	24.00055	2.2E+08
17.92876	18.1	17.7	0	0	0	3.96733	4.2	3.7	24.00173	0	24.00055	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.85709	18.1	17.8	0	0	0	3.80203	4	3.5	24.00173	0	24.00055	2.2E+08
17.68009	17.8	17.5	0	0	0	3.72282	3.9	3.5	24.00173	0	24.00055	2.2E+08
17.5356	17.7	17.5	0	0	0	3.64638	3.7	3.5	24.00173	0	24.00055	2.2E+08
17.46341	17.6	17.2	0	0	0	3.56628	3.8	3.5	24.00173	0	24.00055	2.2E+08
17.46341	17.6	17.2	0	0	0	3.56628	3.8	3.5	24.00173	0	24.00055	2.2E+08
17.07312	17.1	16.9	0	0	0	3.69287	3.8	3.5	24.00173	0	24.00055	2.2E+08
17.07312	17.1	16.9	0	0	0	3.69287	3.8	3.5	24.00173	0	24.00055	2.2E+08
16.97255	17.1	16.9	0	0	0	3.57715	3.7	3.4	24.00173	0	24.00055	2.2E+08
16.87648	16.9	16.8	0	0	0	3.61614	3.7	3.5	24.00173	0	24.00055	2.2E+08
16.78612	16.9	16.5	0	0	0	3.55688	3.8	3.4	24.00173	0	24.00055	2.2E+08
16.52284	16.6	16.5	0	0	0	3.70671	3.8	3.6	24.00173	0	24.00055	2.2E+08
16.44635	16.5	16.4	0	0	0	3.67997	3.8	3.5	24.00173	0	24.00055	2.2E+08
16.40012	16.5	16.3	0	0	0	3.56504	3.8	3.5	24.00173	0	24.00055	2.2E+08
16.37647	16.4	16.3	0	0	0	3.47267	3.6	3.3	24.00173	0	24.00055	2.2E+08
16.29271	16.4	16.2	0	0	0	3.41736	3.5	3.3	24.00173	0	24.00055	2.2E+08
16.20335	16.3	16.2	0	0	0	3.42283	3.5	3.3	24.00173	0	24.00055	2.2E+08
16.19328	16.2	16	0	0	0	3.40025	3.6	3.2	24.00173	0	24.00055	2.2E+08
16.10618	16.2	16	0	0	0	3.42016	3.6	3.2	24.00173	0	24.00055	2.2E+08
16.06585	16.2	16	0	0	0	3.35431	3.6	3.1	24.00173	0	24.00055	2.2E+08
15.89947	16	15.8	0	0	0	3.36691	3.5	3.2	24.00173	0	24.00055	2.2E+08
15.83561	16	15.8	0	0	0	3.37781	3.5	3.2	24.00173	0	24.00055	2.2E+08
15.83561	16	15.8	0	0	0	3.37781	3.5	3.2	24.00173	0	24.00055	2.2E+08
15.78342	15.8	15.7	0	0	0	3.40012	3.5	3.3	0.08142	0.05478	0.0825	2.2E+08
15.77663	15.8	15.7	13.31763	13.79858	0	3.28658	3.4	3.2	0.1648	0	0.16583	2.2E+08
15.77983	15.8	15.7	13.77818	13.8817	13.68775	3.13307	3.3	3	0.24818	0.06257	0.24916	2.2E+08
15.77044	15.8	15.7	13.83255	13.93712	13.74316	2.99609	3.1	2.8	0.33155	0.03428	0.3325	2.2E+08
15.74367	15.8	15.7	13.86229	13.99254	13.74316	2.86641	3	2.8	0.41493	0.00776	0.41611	2.2E+08
15.7504	15.8	15.7	13.86181	13.96483	13.71546	2.77918	2.9	2.7	0.49829	0.03425	0.49916	2.2E+08
15.73695	15.8	15.7	13.83095	13.93712	13.74316	2.6727	2.8	2.4	0.58166	0.02052	0.58277	2.2E+08
15.73695	15.8	15.7	13.83095	13.93712	13.74316	2.6727	2.8	2.4	0.66502	0.01372	0.66583	2.2E+08
15.72352	15.8	15.7	13.91709	14.02025	13.82629	2.51859	2.7	2.4	0.7484	0	0.74916	2.2E+08
15.70672	15.8	15.6	13.8958	14.04795	13.79858	2.45979	2.6	2.3	0.83178	0.08904	0.83277	2.2E+08
15.70672	15.8	15.6	13.8958	14.04795	13.79858	2.45979	2.6	2.3	0.91516	0	0.91583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
15.64357	15.7	15.4	13.97309	14.10337	13.82629	2.45978	2.7	2.3	0.99854	0	0.99944	2.2E+08
15.64357	15.7	15.4	13.97309	14.10337	13.82629	2.45978	2.7	2.3	1.08192	0	1.0825	2.2E+08
15.65965	15.7	15.4	14.0374	14.13107	13.90941	2.3933	2.7	2.3	1.1653	0.03426	1.16611	2.2E+08
15.65301	15.7	15.4	14.03915	14.13107	13.90941	2.38718	2.7	2.3	1.24867	0.02054	1.24944	2.2E+08
15.6563	15.7	15.4	14.04014	14.15878	13.8817	2.35713	2.6	2.3	1.33205	0.00685	1.33277	2.2E+08
15.6563	15.7	15.4	14.04014	14.15878	13.8817	2.35713	2.6	2.3	1.41543	0.01278	1.41583	2.2E+08
15.54913	15.7	15.4	14.00656	14.15878	13.82629	2.45758	2.7	2.3	1.49882	0.00688	1.49944	2.2E+08
15.54913	15.7	15.4	14.00656	14.15878	13.82629	2.45758	2.7	2.3	1.58219	0.03424	1.5825	2.2E+08
15.49516	15.7	15.4	14.01072	14.13107	13.8817	2.52499	2.7	2.3	1.66558	0.03422	1.66611	2.2E+08
15.49516	15.7	15.4	14.01072	14.13107	13.8817	2.52499	2.7	2.3	1.74896	0.00689	1.74916	2.2E+08
15.46022	15.7	15.4	14.03304	14.15878	13.90941	2.5465	2.7	2.3	1.83235	0.03421	1.83277	2.2E+08
15.46022	15.7	15.4	14.03304	14.15878	13.90941	2.5465	2.7	2.3	1.91573	0.03421	1.91583	2.2E+08
15.41342	15.6	15.4	14.02798	14.13107	13.93712	2.59317	2.7	2.4	1.99911	0	1.99944	2.2E+08
15.41342	15.6	15.4	14.02798	14.13107	13.93712	2.59317	2.7	2.4	2.08247	0	2.0825	2.2E+08
15.42016	15.6	15.4	13.92656	14.02025	13.82629	2.56974	2.7	2.4	2.16582	0	2.16611	2.2E+08
15.42016	15.6	15.4	13.92656	14.02025	13.82629	2.56974	2.7	2.4	2.24917	0	2.24916	2.2E+08
15.41344	15.6	15.4	13.93932	14.02025	13.854	2.58655	2.6	2.4	2.33252	0	2.3325	2.2E+08
15.38669	15.4	15.3	13.92024	14.04795	13.82629	2.60322	2.7	2.5	2.41591	0.03419	2.41611	2.2E+08
15.38669	15.4	15.3	13.92024	14.04795	13.82629	2.60322	2.7	2.5	2.49931	0	2.49916	2.2E+08
15.3832	15.4	15.3	13.89781	14.02025	13.79858	2.60671	2.7	2.5	2.58271	0.06838	2.5825	2.2E+08
15.37716	15.4	15.3	13.88171	13.99254	13.79858	2.59005	2.7	2.5	2.66609	0.03418	2.66611	2.2E+08
15.37716	15.4	15.3	13.88171	13.99254	13.79858	2.59005	2.7	2.5	2.74945	0	2.74916	2.2E+08
15.23307	15.3	15.1	13.8393	13.96483	13.74316	2.67634	2.8	2.6	2.83281	0.02057	2.83277	2.2E+08
15.23307	15.3	15.1	13.8393	13.96483	13.74316	2.67634	2.8	2.6	2.9162	0	2.91583	2.2E+08
15.12619	15.2	15.1	13.93945	14.07566	13.79858	2.76708	2.8	2.6	2.99959	0.01358	2.99944	2.2E+08
15.12619	15.2	15.1	13.93945	14.07566	13.79858	2.76708	2.8	2.6	3.08299	0.03413	3.0825	2.2E+08
15.1	15.1	15.1	14.04414	14.15878	13.90941	2.77998	2.8	2.7	3.1664	0.03413	3.16611	2.2E+08
15.1	15.1	15.1	14.04414	14.15878	13.90941	2.77998	2.9	2.6	3.2498	0.03413	3.24944	2.2E+08
15.08318	15.1	15	14.0657	14.15878	13.93712	2.77043	2.9	2.6	3.33317	0	3.3325	2.2E+08
15.21008	15.3	15.1	14.09688	14.18649	13.99254	2.56327	2.8	2.3	3.41653	0.02058	3.41611	2.2E+08
15.21008	15.3	15.1	14.09688	14.18649	13.99254	2.56327	2.8	2.3	3.4999	0.01358	3.49916	2.2E+08
15.11948	15.2	15.1	14.12699	14.2142	14.04795	2.62934	2.8	2.4	3.5833	0.05474	3.58277	2.2E+08
15.11948	15.2	15.1	14.12699	14.2142	14.04795	2.62934	2.8	2.4	3.66666	0.02058	3.66583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
15.16722	15.2	15.1	14.11985	14.2142	14.04795	2.60845	2.7	2.4	3.75003	0	3.74916	2.2E+08
15.13968	15.2	15.1	14.13241	14.2142	14.04795	2.52284	2.7	2.4	3.83338	0	3.8325	2.2E+08
15.06314	15.1	14.8	14.14311	14.24191	14.07566	2.66114	2.9	2.5	3.91674	0.03414	3.91583	2.2E+08
14.88065	15	14.8	14.16967	14.32503	14.07566	2.80672	3	2.6	4.00011	0.03412	3.99916	2.2E+08
14.83332	15	14.8	14.22523	14.35274	14.10337	2.78683	3	2.6	4.08348	0	4.0825	2.2E+08
14.74634	14.8	14.7	14.26272	14.43587	14.10337	2.87917	3.1	2.8	4.16685	0.03411	4.16583	2.2E+08
14.68334	14.7	14.6	14.24324	14.40816	14.10337	2.91665	3.1	2.8	4.25021	0.04185	4.24916	2.2E+08
14.56318	14.7	14.5	14.40115	14.51899	14.26962	3.04352	3.2	2.9	4.33358	0.02062	4.33277	2.2E+08
14.56318	14.7	14.5	14.40115	14.51899	14.26962	3.04352	3.2	2.9	4.41694	0	4.41583	2.2E+08
14.5672	14.7	14.5	14.43387	14.60211	14.26962	3.03952	3.1	2.9	4.5003	0	4.49916	2.2E+08
14.53024	14.6	14.5	14.42156	14.51899	14.29733	3.14376	3.4	3	4.58366	0	4.58277	2.2E+08
14.53024	14.6	14.5	14.42156	14.51899	14.29733	3.14376	3.4	3	4.66703	0	4.66583	2.2E+08
14.58723	14.7	14.5	14.40997	14.49128	14.26962	3.13139	3.4	2.9	4.75039	0.00061	4.74916	2.2E+08
14.5891	14.7	14.5	14.47418	14.65753	14.35274	3.1872	3.4	2.9	4.83375	0	4.8325	2.2E+08
14.5161	14.6	14.5	14.49286	14.60211	14.35274	3.3202	3.4	3.1	4.91711	0.05469	4.91583	2.2E+08
14.49986	14.6	14.4	14.56105	14.71295	14.46357	3.31964	3.4	3	5.00047	0	4.99916	2.2E+08
14.48336	14.6	14.4	14.57511	14.71295	14.46357	3.32032	3.4	3.1	5.08382	0	5.0825	2.2E+08
14.4	14.4	14.4	14.57931	14.71295	14.43587	3.23356	3.4	3.2	5.16717	0	5.16611	2.2E+08
14.4	14.4	14.4	14.57931	14.71295	14.43587	3.23356	3.4	3.2	5.25052	0.03408	5.24916	2.2E+08
14.38657	14.4	14.2	14.54831	14.71295	14.43587	3.2403	3.6	3.2	5.33387	0	5.33277	2.2E+08
14.38657	14.4	14.2	14.54831	14.71295	14.43587	3.2403	3.6	3.2	5.41722	0	5.41583	2.2E+08
14.53358	14.7	14.5	14.59074	14.68524	14.49128	3.28282	3.4	3.1	5.50058	0	5.49944	2.2E+08
14.53358	14.7	14.5	14.59074	14.68524	14.49128	3.28282	3.4	3.1	5.58393	0	5.5825	2.2E+08
14.41277	14.5	14.4	14.69113	14.79607	14.60211	3.4805	3.5	3.4	5.66728	0.06814	5.66611	2.2E+08
14.41277	14.5	14.4	14.69113	14.79607	14.60211	3.4805	3.5	3.4	5.75063	0.06814	5.74916	2.2E+08
14.39692	14.5	14.2	14.72036	14.79607	14.60211	3.49971	3.7	3.4	5.83398	0.00721	5.83277	2.2E+08
14.39692	14.5	14.2	14.72036	14.79607	14.60211	3.49971	3.7	3.4	5.91734	0.06806	5.91583	2.2E+08
14.23032	14.4	14.1	14.71914	14.79607	14.62982	3.65638	3.8	3.4	6.00071	0.03403	5.99944	2.2E+08
14.23032	14.4	14.1	14.71914	14.79607	14.62982	3.65638	3.7	3.4	6.08408	0.04126	6.08277	2.2E+08
14.29388	14.4	14.2	14.64973	14.76836	14.5467	3.56579	3.7	3.4	6.16743	0.02062	6.16583	2.2E+08
14.4032	14.5	14.2	14.61752	14.71295	14.49128	3.47322	3.5	3.3	6.2508	0.01348	6.24944	2.2E+08
14.4973	14.6	14.4	14.63578	14.71295	14.51899	3.39935	3.5	3.3	6.33416	0	6.3325	2.2E+08
14.66039	14.8	14.5	14.59225	14.71295	14.49128	3.26299	3.4	3.1	6.41751	0.0206	6.41583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
14.75326	14.8	14.6	14.62825	14.79607	14.40816	3.28021	3.5	3.2	6.50086	0	6.49944	2.2E+08
14.75326	14.8	14.6	14.62825	14.79607	14.40816	3.28021	3.6	3.3	6.58424	0	6.58277	2.2E+08
14.65026	14.7	14.5	14.59188	14.68524	14.49128	3.43293	3.6	3.3	6.66761	0.0341	6.66583	2.2E+08
14.67646	14.8	14.6	14.6587	14.79607	14.5467	3.48674	3.6	3.4	6.75096	0.02061	6.74944	2.2E+08
14.65973	14.7	14.5	14.66957	14.79607	14.5467	3.51002	3.7	3.4	6.83432	0.03408	6.83277	2.2E+08
14.65973	14.7	14.5	14.66957	14.79607	14.5467	3.51002	3.8	3.5	6.9177	0.02062	6.91583	2.2E+08
14.50937	14.7	14.4	14.65122	14.79607	14.5467	3.67381	3.8	3.5	7.00107	0.02062	6.99916	2.2E+08
14.46706	14.5	14.4	14.73533	14.82377	14.62982	3.68942	3.8	3.5	7.08442	0	7.0825	2.2E+08
14.61065	14.7	14.5	14.75233	14.82377	14.65753	3.53236	3.7	3.4	7.16778	0.04756	7.16611	2.2E+08
14.59269	14.8	14.5	14.7799	14.85148	14.71295	3.56765	3.7	3.3	7.25114	0	7.24944	2.2E+08
14.59269	14.8	14.5	14.7799	14.85148	14.71295	3.56765	3.7	3.3	7.33449	0.03408	7.3325	2.2E+08
14.60063	14.8	14.5	14.77294	14.87919	14.68524	3.57649	3.7	3.4	7.41785	0.03408	7.41611	2.2E+08
14.60063	14.8	14.5	14.77294	14.87919	14.68524	3.57649	3.7	3.4	7.5012	0	7.49916	2.2E+08
14.56366	14.7	14.5	14.82057	14.9069	14.74065	3.62625	3.7	3.5	7.58455	0	7.58277	2.2E+08
14.56366	14.7	14.5	14.82057	14.9069	14.74065	3.62625	3.7	3.5	7.6679	0	7.66583	2.2E+08
14.52352	14.7	14.4	14.82021	14.93461	14.74065	3.6731	3.8	3.5	7.75127	0.06244	7.74944	2.2E+08
14.52352	14.7	14.4	14.82021	14.93461	14.74065	3.6731	3.8	3.7	7.83462	0	7.83277	2.2E+08
14.48723	14.5	14.4	14.90318	14.96232	14.82377	3.71276	3.8	3.7	7.91797	0.07532	7.91583	2.2E+08
14.51677	14.7	14.5	14.89273	14.99003	14.82377	3.68992	3.9	3.5	8.00132	0.02062	7.99916	2.2E+08
14.49647	14.6	14.4	14.91791	14.99003	14.85148	3.71027	3.9	3.6	8.08467	0.02063	8.08277	2.2E+08
14.49647	14.6	14.4	14.91791	14.99003	14.85148	3.71027	3.9	3.6	8.16802	0.04751	8.16583	2.2E+08
14.54754	14.7	14.4	14.92562	15.01773	14.85148	3.62221	3.8	3.4	8.25146	0	8.24944	2.2E+08
14.54754	14.7	14.4	14.92562	15.01773	14.85148	3.62221	3.8	3.4	8.3349	0.03409	8.3325	2.2E+08
14.65712	14.7	14.5	14.92208	15.01773	14.85148	3.51333	3.7	3.4	8.41835	0.01346	8.41583	2.2E+08
14.58586	14.7	14.5	14.90863	14.99003	14.79607	3.61078	3.8	3.4	8.50182	0.0206	8.49916	2.2E+08
14.6731	14.8	14.5	14.89883	14.99003	14.82377	3.53362	3.8	3.4	8.58531	0	8.58277	2.2E+08
14.72673	14.8	14.6	14.90895	15.01773	14.82377	3.55063	3.8	3.4	8.66876	0.02766	8.66583	2.2E+08
14.78065	15	14.7	14.91795	14.99003	14.82377	3.53224	3.8	3.4	8.75218	0.03412	8.74916	2.2E+08
14.80006	15	14.7	14.90163	14.99003	14.76836	3.6213	3.8	3.4	8.83559	0.04119	8.8325	2.2E+08
14.90617	15.1	14.8	14.83058	14.93461	14.71295	3.58778	3.7	3.4	8.91902	0.02057	8.91583	2.2E+08
14.89708	15.1	14.8	14.8626	14.99003	14.74065	3.62646	3.8	3.5	9.00245	0.02057	8.99916	2.2E+08
14.90032	15.1	14.8	14.85437	14.99003	14.71295	3.66605	3.6	3.4	9.08589	0	9.0825	2.2E+08
15.11328	15.2	15.1	14.89363	15.01773	14.74065	3.4968	3.6	3.4	9.16932	0.02057	9.16611	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
15.11328	15.2	15.1	14.89363	15.01773	14.74065	3.4968	3.6	3.4	9.2528	0.03414	9.24916	2.2E+08
15.17314	15.2	15.1	14.89439	15.01773	14.74065	3.57644	3.7	3.4	9.33626	0.03416	9.33277	2.2E+08
15.17314	15.2	15.1	14.89439	15.01773	14.74065	3.57644	3.7	3.4	9.41969	0.0213	9.41583	2.2E+08
15.04289	15.1	14.8	14.9577	15.04544	14.85148	3.72027	4	3.5	9.50312	0	9.49944	2.2E+08
15.04289	15.1	14.8	14.9577	15.04544	14.85148	3.72027	4	3.5	9.58655	0.03413	9.5825	2.2E+08
15.08386	15.1	15	14.9097	15.01773	14.82377	3.65646	3.8	3.5	9.67	0	9.66611	2.2E+08
15.08386	15.1	15	14.9097	15.01773	14.82377	3.65646	3.8	3.5	9.75341	0.01355	9.74916	2.2E+08
15.07328	15.1	15	14.93066	15.10085	14.82377	3.62605	3.9	3.4	9.83688	0.03416	9.83277	2.2E+08
15.0886	15.2	14.8	14.94305	15.07315	14.82377	3.5851	3.9	3.4	9.92037	0	9.91583	2.2E+08
15.1032	15.2	15.1	14.98536	15.10085	14.85148	3.59696	3.7	3.4	10.00385	0	9.99916	2.2E+08
15.13343	15.2	15.1	14.8535	14.99003	14.74065	3.63628	3.7	3.4	10.08733	0.06249	10.08277	2.2E+08
15.13343	15.2	15.1	14.8535	14.99003	14.74065	3.63628	3.7	3.4	10.17079	0.00774	10.16583	2.2E+08
15.19328	15.2	15.1	14.87846	14.99003	14.76836	3.61008	3.8	3.5	10.25427	0	10.24944	2.2E+08
15.19328	15.2	15.1	14.87846	14.99003	14.76836	3.61008	3.8	3.5	10.33771	0	10.3325	2.2E+08
15.09999	15.2	15	14.95237	15.07315	14.79607	3.72016	3.9	3.7	10.42112	0	10.41611	2.2E+08
15.09999	15.2	15	14.95237	15.07315	14.79607	3.72016	3.9	3.7	10.50456	0.02831	10.49916	2.2E+08
15.21008	15.3	15.1	14.92423	15.04544	14.82377	3.67025	3.9	3.5	10.588	0.02056	10.58277	2.2E+08
15.21008	15.3	15.1	14.92423	15.04544	14.82377	3.67025	3.9	3.5	10.67145	0	10.66583	2.2E+08
15.1832	15.2	15.1	14.98595	15.07315	14.87919	3.77114	3.9	3.6	10.75488	0	10.74916	2.2E+08
15.14032	15.2	15.1	14.91121	15.04544	14.76836	3.73358	3.9	3.6	10.83833	0.03412	10.8325	2.2E+08
15.08336	15.2	14.8	14.83544	14.93461	14.74065	3.76369	4	3.6	10.92177	0	10.91583	2.2E+08
15.10335	15.2	15	14.83016	14.96232	14.68524	3.74369	4	3.6	11.00519	0.02058	10.99944	2.2E+08
15.10335	15.2	15	14.83016	14.96232	14.68524	3.74369	4	3.6	11.08863	0.02764	11.0825	2.2E+08
15.00932	15.1	14.8	14.8785	15.04544	14.76836	3.79068	4.2	3.7	11.17206	0	11.16583	2.2E+08
15.13409	15.2	15	14.90338	15.01773	14.76836	3.65915	3.8	3.6	11.25554	0.00774	11.24944	2.2E+08
15.13409	15.2	15	14.90338	15.01773	14.76836	3.65915	3.8	3.6	11.33903	0	11.3325	2.2E+08
15.11665	15.2	15	14.91776	15.04544	14.82377	3.69007	3.9	3.6	11.42251	0.02058	11.41611	2.2E+08
15.16301	15.2	15.1	14.90763	15.01773	14.79607	3.63025	3.7	3.4	11.50601	0.02058	11.49944	2.2E+08
15.16301	15.2	15.1	14.90763	15.01773	14.79607	3.63025	3.7	3.4	11.5895	0	11.5825	2.2E+08
15.19326	15.3	15.1	14.85458	14.96232	14.68524	3.62022	3.8	3.5	11.67294	0.06829	11.66583	2.2E+08
15.22688	15.3	15.2	14.91748	15.07315	14.74065	3.61648	3.8	3.5	11.75638	0.03416	11.74944	2.2E+08
15.22688	15.3	15.2	14.91748	15.07315	14.74065	3.61648	3.8	3.5	11.83981	0	11.8325	2.2E+08
15.23681	15.4	15.2	14.94015	15.04544	14.79607	3.5763	3.7	3.4	11.92323	0.04771	11.91583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
15.16016	15.3	15.1	15.02425	15.12856	14.9069	3.70034	3.9	3.5	12.00665	0.04773	11.99944	2.2E+08
15.16016	15.3	15.1	15.02425	15.12856	14.9069	3.70034	3.9	3.5	12.09009	0.03416	12.0825	2.2E+08
15.17648	15.2	15.1	14.98594	15.10085	14.85148	3.71055	3.9	3.6	12.17353	0.00775	12.16611	2.2E+08
15.17648	15.2	15.1	14.98594	15.10085	14.85148	3.71055	3.9	3.6	12.25699	0.02056	12.24916	2.2E+08
15.20335	15.3	15.1	14.94548	15.04544	14.79607	3.716	3.9	3.5	12.34041	0.01282	12.3325	2.2E+08
15.1993	15.3	15.1	14.89134	14.99003	14.74065	3.70018	3.9	3.5	12.42385	0.03413	12.41583	2.2E+08
15.12758	15.2	15	14.84283	14.99003	14.71295	3.73936	3.9	3.6	12.50727	0.06825	12.49944	2.2E+08
15.19058	15.2	15.1	14.79462	14.93461	14.71295	3.66153	3.9	3.6	12.59075	0	12.58277	2.2E+08
15.19058	15.2	15.1	14.79462	14.93461	14.71295	3.66153	3.9	3.6	12.67421	0	12.66583	2.2E+08
15.18723	15.3	15.1	14.8044	14.87919	14.71295	3.72534	3.9	3.5	12.75766	0.03413	12.74916	2.2E+08
15.15968	15.2	15.1	14.79554	14.9069	14.71295	3.77308	3.9	3.6	12.84109	0	12.8325	2.2E+08
15.17985	15.3	15.1	14.79714	14.93461	14.71295	3.75963	3.9	3.5	12.92451	0	12.91583	2.2E+08
15.20001	15.3	15.1	14.79009	14.85148	14.68524	3.77309	3.9	3.6	13.00794	0.01355	12.99916	2.2E+08
15.22016	15.3	15.1	14.79977	14.9069	14.71295	3.75293	3.9	3.5	13.09135	0.03412	13.0825	2.2E+08
15.13294	15.2	15	14.79528	14.87919	14.71295	3.91412	4.1	3.8	13.17477	0.03412	13.16611	2.2E+08
15.13294	15.2	15	14.79528	14.87919	14.71295	3.91412	4.1	3.8	13.2582	0.03412	13.24916	2.2E+08
15.26365	15.4	15.2	14.79714	14.93461	14.68524	3.83635	4	3.7	13.34162	0.03413	13.33277	2.2E+08
15.26365	15.4	15.2	14.79714	14.93461	14.68524	3.83635	4	3.7	13.42504	0.03416	13.41583	2.2E+08
15.44031	15.6	15.4	14.71986	14.82377	14.60211	3.76641	3.9	3.6	13.50848	0.03413	13.49944	2.2E+08
15.44031	15.6	15.4	14.71986	14.82377	14.60211	3.76641	3.9	3.6	13.59192	0.01367	13.5825	2.2E+08
15.60108	15.8	15.4	14.68545	14.79607	14.5744	3.63978	3.9	3.5	13.67535	0.03418	13.66583	2.2E+08
15.69243	15.8	15.6	14.67506	14.79607	14.5744	3.60756	3.8	3.5	13.75877	0.02052	13.74916	2.2E+08
15.8333	16	15.7	14.60458	14.71295	14.46357	3.77341	3.9	3.6	13.84222	0.03422	13.83277	2.2E+08
15.8333	16	15.7	14.60458	14.71295	14.46357	3.77341	3.9	3.6	13.92565	0.05474	13.91583	2.2E+08
15.91697	16	15.8	14.63963	14.74065	14.5467	3.86337	4.1	3.7	14.00904	0.00682	13.99944	2.2E+08
15.91697	16	15.8	14.63963	14.74065	14.5467	3.86337	4.1	3.7	14.09248	0	14.0825	2.2E+08
15.98079	16.2	15.8	14.63057	14.71295	14.51899	3.90239	4.1	3.6	14.1759	0.00679	14.16611	2.2E+08
16.10755	16.3	15.9	14.53773	14.65753	14.40816	3.80591	4	3.6	14.25933	0.03422	14.24944	2.2E+08
16.05339	16.4	15.8	14.52417	14.62982	14.32503	3.90354	4.1	3.6	14.34276	0.04801	14.33277	2.2E+08
16.05339	16.4	15.8	14.52417	14.62982	14.32503	3.90354	4.1	3.6	14.42618	0.03424	14.41583	2.2E+08
16.26723	16.4	16	14.52515	14.62982	14.29733	3.86336	4.2	3.6	14.50963	0	14.49916	2.2E+08
16.17986	16.2	16	14.61464	14.71295	14.5467	4.0067	4.2	3.8	14.59309	0	14.5825	2.2E+08
15.90616	16	15.8	14.61827	14.71295	14.5467	4.29651	4.4	4.2	14.67655	0.02048	14.66583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Ti	Filter ID
16.28172	16.5	16	14.59071	14.68524	14.49128	3.95508	4.3	3.8	14.75999	0.01375	14.74916	2.2E+08
16.42388	16.5	16.2	14.54452	14.65753	14.32503	3.87947	4.3	3.8	14.84341	0.03324	14.83277	2.2E+08
16.32086	16.4	16.2	14.56044	14.68524	14.46357	4.16569	4.3	4	14.92685	0.02049	14.91611	2.2E+08
16.32086	16.4	16.2	14.56044	14.68524	14.46357	4.16569	4.3	4	15.01029	0.02048	14.99916	2.2E+08
16.57793	16.9	16.4	14.59294	14.68524	14.46357	4.03551	4.2	3.7	15.09375	0	15.08277	2.2E+08
16.57793	16.9	16.4	14.59294	14.68524	14.46357	4.03551	4.2	3.7	15.17722	0	15.16583	2.2E+08
16.51342	16.8	16.4	14.53255	14.62982	14.38045	4.26631	4.4	4	15.2607	0	15.24944	2.2E+08
16.64403	16.9	16.5	14.54273	14.65753	14.40816	4.25598	4.4	4	15.34415	0	15.3325	2.2E+08
16.76414	17	16.5	14.57175	14.65753	14.46357	4.21233	4.5	4	15.4276	0.03427	15.41583	2.2E+08
16.74948	16.9	16.4	14.61188	14.71295	14.49128	4.29402	4.7	4.1	15.51108	0.02048	15.49916	2.2E+08
16.63525	16.8	16.4	14.57277	14.71295	14.46357	4.47481	4.7	4.2	15.59455	0.02043	15.5825	2.2E+08
16.99583	17.4	16.5	14.48487	14.68524	14.32503	4.18428	4.3	3.8	15.67799	0.00646	15.66611	2.2E+08
17.36675	17.5	17.2	14.47431	14.62982	14.29733	4.04793	4.3	3.8	15.76142	0.05483	15.74916	2.2E+08
17.5218	18.1	17.1	14.4106	14.65753	14.2142	4.06861	4.5	3.5	15.84488	0.02034	15.8325	2.2E+08
17.76444	18.3	17.4	14.59127	14.68524	14.43587	4.11041	4.6	3.7	15.92832	0.0142	15.91583	2.2E+08
18.36251	18.7	18.1	14.63992	14.74065	14.51899	3.88114	4.1	3.6	16.01174	0.0345	15.99916	2.2E+08
18.48541	19.2	17.8	14.7712	14.99003	14.5744	4.18997	4.9	3.5	16.09516	0.01401	16.0825	2.2E+08
18.0415	18.4	17.6	15.00132	15.18398	14.87919	4.92518	5.5	4.5	16.17859	0.03453	16.16583	2.2E+08
18.79739	19.2	18.4	14.98107	15.10085	14.87919	4.53606	4.9	4.2	16.26203	0.02032	16.24944	2.2E+08
18.79739	19.2	18.4	14.98107	15.10085	14.87919	4.53606	4.9	4.2	16.34543	0.02032	16.3325	2.2E+08
18.33549	18.9	17.7	15.06801	15.2671	14.93461	5.14432	5.8	4.6	16.42876	0.02648	16.41583	2.2E+08
18.31441	18.7	18.1	15.27584	15.37794	15.12856	5.26223	5.5	4.8	16.51196	0.0345	16.49944	2.2E+08
17.71927	18.2	17.2	15.30843	15.43336	15.18398	5.26223	6.3	5.2	16.59518	0.02037	16.58277	2.2E+08
17.71927	18.2	17.2	15.30843	15.43336	15.18398	5.791	6.3	5.2	16.67838	0.02035	16.66583	2.2E+08
18.23342	18.6	18	15.1438	15.2671	15.01773	5.1661	5.4	4.8	16.76159	0	16.74916	2.2E+08
18.23076	18.7	17.8	15.15595	15.29481	15.01773	5.07594	5.6	4.5	16.84479	0.03443	16.83277	2.2E+08
18.40839	18.8	17.7	15.15975	15.29481	15.01773	4.9017	5.6	4.5	16.928	0.02035	16.91583	2.2E+08
18.43382	18.7	18.1	15.23326	15.35023	15.10085	4.8292	5.2	4.5	17.0112	0.01414	16.99944	2.2E+08
18.43382	18.7	18.1	15.23326	15.35023	15.10085	4.8292	5.2	4.5	17.09441	0.01433	17.0825	2.2E+08
18.65588	19.3	17.8	15.20737	15.35023	15.01773	4.62058	5	3.9	17.17762	0.05486	17.16611	2.2E+08
18.89157	19.4	18.3	15.23491	15.43336	15.01773	4.42187	5	3.9	17.26082	0.04683	17.24916	2.2E+08
19.19649	19.5	18.7	15.32446	15.48877	15.21169	4.22351	4.7	4	17.34402	0.00591	17.33277	2.2E+08
19.19649	19.5	18.7	15.32446	15.48877	15.21169	4.22351	4.7	4	17.42722	0.04235	17.41583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.52083	19	18.1	15.4246	15.57189	15.2671	4.98925	5.4	4.5	17.51043	0	17.49944	2.2E+08
18.52083	19	18.1	15.4246	15.57189	15.2671	4.98925	5.4	4.5	17.59366	0.02862	17.5825	2.2E+08
19.10676	19.5	18.1	15.4081	15.54418	15.29481	4.39303	5.4	4	17.67686	0	17.66583	2.2E+08
19.02896	19.3	18.4	15.47806	15.5996	15.40565	4.4838	5.1	4.2	17.76007	0.00597	17.74944	2.2E+08
19.02896	19.3	18.4	15.47806	15.5996	15.40565	4.4838	5.1	4.2	17.84327	0.05489	17.8325	2.2E+08
18.99678	19.3	18.6	15.52296	15.73814	15.40565	4.49986	4.9	4.2	17.92649	0.08357	17.91611	2.2E+08
18.99678	19.3	18.6	15.52296	15.73814	15.40565	4.49986	4.9	4.2	18.00969	0.01438	17.99916	2.2E+08
19.50389	20.1	19	15.5576	15.68273	15.37794	4.11592	4.6	3.5	18.0929	0.003	18.08277	2.2E+08
19.50389	20.1	19	15.5576	15.68273	15.37794	4.11592	4.6	3.5	18.1761	0.02023	18.16583	2.2E+08
19.50025	20	19	15.61116	15.76585	15.46106	4.27286	4.8	3.7	18.25931	0.01459	18.24916	2.2E+08
20.38086	20.8	20	15.51387	15.62731	15.37794	3.51626	4	3.1	18.34251	0.03476	18.3325	2.2E+08
20.20089	20.8	19.8	15.78212	15.87668	15.68273	3.97627	4.4	3.4	18.42571	0	18.41611	2.2E+08
20.20089	20.8	19.8	15.78212	15.87668	15.68273	3.97627	4.4	3.4	18.50892	0.03476	18.49916	2.2E+08
20.38262	20.7	20.1	15.85279	15.9598	15.73814	4.11064	4.4	3.8	18.59213	0.04814	18.58277	2.2E+08
20.38262	20.7	20.1	15.85279	15.9598	15.73814	4.11064	4.2	3.7	18.67533	0.02017	18.66611	2.2E+08
20.78672	21.1	20.6	15.89326	16.04293	15.76585	3.81059	4	3.5	18.75853	0.00691	18.74944	2.2E+08
20.78672	21.1	20.6	15.89326	16.04293	15.76585	3.81059	4	3.5	18.84174	0.03492	18.8325	2.2E+08
20.93413	21.4	20.6	15.91837	16.07064	15.82126	3.72638	4.1	3.2	18.92494	0.02014	18.91583	2.2E+08
21.59853	21.8	21.3	15.96152	16.09834	15.82126	3.29559	3.6	3	19.00815	0.01487	18.99944	2.2E+08
21.62924	21.8	21.4	16.08308	16.18147	15.84897	3.48469	3.8	3.3	19.09135	0.03498	19.08277	2.2E+08
21.62924	21.8	21.4	16.08308	16.18147	15.84897	3.48469	3.8	3.3	19.17456	0.05506	19.16583	2.2E+08
21.43376	21.8	21.2	16.18596	16.34772	16.07064	3.84274	4.1	3.5	19.25776	0.01481	19.24944	2.2E+08
21.43376	21.8	21.2	16.18596	16.34772	16.07064	3.84274	4.1	3.5	19.34099	0.0201	19.3325	2.2E+08
21.47082	22	20.8	16.21108	16.48626	16.04293	3.81236	4.5	3.2	19.4242	0.01511	19.41583	2.2E+08
23.01007	23.4	22.8	16.06647	16.18147	15.9598	2.49026	2.8	2.1	19.5074	0.08006	19.49944	2.2E+08
23.01007	23.4	22.8	16.06647	16.18147	15.9598	2.49026	2.8	2.1	19.59061	0.02001	19.5825	2.2E+08
23.25823	23.6	23	16.10584	16.32001	16.01522	2.49542	3.2	2	19.67381	0.01252	19.66583	2.2E+08
23.5605	24.3	22.8	16.24497	16.37543	16.15376	2.74655	3.7	1.5	19.75706	0.1504	19.74944	2.2E+08
23.5605	24.3	22.8	16.24497	16.37543	16.15376	2.74655	4.9	1.5	19.84042	0.27067	19.83277	2.2E+08
23.34443	24.9	21.7	16.42386	16.59709	16.18147	3.08957	4.9	1.5	19.92371	0.14028	19.91583	2.2E+08
22.82354	23.2	22	16.46892	16.59709	16.23688	3.81031	4.7	3.3	20.00693	0.05999	19.99944	2.2E+08
22.82354	23.2	22	16.46892	16.59709	16.23688	3.81031	4.7	3.3	20.09015	0.01497	20.0825	2.2E+08
22.47591	23.1	22	16.38615	16.51396	16.20918	4.00991	4.5	3.3	20.17336	0.11529	20.16583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
22.30163	22.9	22	16.24674	16.51396	16.07064	3.8211	4.5	3.1	20.25663	0.13537	20.24916	2.2E+08
22.20302	23	21.6	16.10323	16.20918	15.93209	3.68439	4.6	2.1	20.33989	0.03502	20.33277	2.2E+08
22.20302	23	21.6	16.10323	16.20918	15.93209	3.68439	4.6	2.1	20.42316	0.22742	20.41583	2.2E+08
22.21755	23.2	21.2	16.07525	16.18147	15.9598	3.48655	5.1	2.2	20.50646	0	20.49944	2.2E+08
22.21755	23.2	21.2	16.07525	16.18147	15.9598	3.48655	5.1	2.2	20.58974	0.00793	20.5825	2.2E+08
21.82263	22.6	21.1	16.10099	16.18147	16.04293	3.79558	5.1	2.6	20.673	0	20.66611	2.2E+08
21.82263	22.6	21.1	16.10099	16.18147	16.04293	3.79558	5.1	2.6	20.75632	0.26082	20.74916	2.2E+08
21.78422	23	20.8	16.09727	16.20918	15.9598	3.73371	5.6	2.1	20.83962	0.16925	20.83277	2.2E+08
21.78422	23	20.8	16.09727	16.20918	15.9598	3.73371	5.6	2.1	20.92298	0.43761	20.91583	2.2E+08
21.61587	23.1	20.4	16.1057	16.2923	15.9598	3.82017	5.7	2.1	21.00634	0.11019	20.99916	2.2E+08
21.77611	22.9	20.5	16.06589	16.18147	15.90439	3.55947	5.3	2.1	21.0897	0.06822	21.0825	2.2E+08
21.16764	22.8	20.1	16.10394	16.20918	15.93209	3.75484	5.3	1.6	21.17304	0.18496	21.16611	2.2E+08
21.08498	22.6	19.8	16.0714	16.18147	15.93209	3.95562	6.4	1.4	21.25638	0.25138	21.24944	2.2E+08
21.08498	22.6	19.8	16.0714	16.18147	15.93209	3.95562	6.4	1.4	21.33964	0	21.3325	2.2E+08
20.67309	21.1	20.5	15.99431	16.09834	15.87668	4.07349	4.4	3.7	21.42285	0	21.41611	2.2E+08
20.67309	21.1	20.5	15.99431	16.09834	15.87668	4.07349	4.4	3.7	21.50607	0.1638	21.49916	2.2E+08
20.5597	21.1	19.8	15.897	16.07064	15.76585	3.78922	4.6	2.9	21.58931	0	21.5825	2.2E+08
19.93902	20.4	19.5	15.7589	15.84897	15.62731	3.71021	4.1	3.4	21.67252	0	21.66611	2.2E+08
19.93902	20.4	19.5	15.7589	15.84897	15.62731	3.71021	4.1	3.4	21.75572	0.01432	21.74916	2.2E+08
19.18171	19.5	18.9	15.72639	15.84897	15.57189	4.20786	4.5	3.9	21.83892	0.04067	21.8325	2.2E+08
18.62929	19	18.4	15.67056	15.84897	15.48877	4.43948	4.8	4.2	21.92212	0.02035	21.91583	2.2E+08
18.42236	18.7	18.3	15.51058	15.62731	15.40565	4.32018	4.5	4	22.00533	0.03453	21.99916	2.2E+08
17.75647	18	17.7	15.379	15.46106	15.2671	4.33258	4.5	4.1	22.08854	0	22.08277	2.2E+08
17.75647	18	17.7	15.379	15.46106	15.2671	4.33258	4.5	4.1	22.17174	0.02041	22.16583	2.2E+08
17.45648	17.6	17.4	15.17751	15.40565	14.99003	3.96277	4.1	3.7	22.25494	0.04856	22.24944	2.2E+08
17.45648	17.6	17.4	15.17751	15.40565	14.99003	3.96277	4.1	3.7	22.33814	0.05487	22.3325	2.2E+08
17.06255	17.2	16.9	15.18002	15.2671	15.07315	3.90668	4	3.8	22.42135	0	22.41611	2.2E+08
17.06255	17.2	16.9	15.18002	15.2671	15.07315	3.90668	4	3.8	22.50455	0	22.49916	2.2E+08
16.92219	17.1	16.8	15.2465	15.37794	15.07315	3.77389	3.8	3.6	22.58775	0.03439	22.58277	2.2E+08
16.79028	16.9	16.6	15.21676	15.32252	15.12856	3.69579	3.8	3.6	22.67096	0	22.66583	2.2E+08
16.56312	16.8	16.4	15.33954	15.46106	15.21169	3.72361	3.9	3.5	22.75416	0	22.74916	2.2E+08
16.38338	16.4	16.3	15.39294	15.48877	15.29481	3.53274	3.7	3.4	22.83736	0.00775	22.83277	2.2E+08
16.38338	16.4	16.3	15.39294	15.48877	15.29481	3.53274	3.7	3.4	22.92057	0.06869	22.91583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.23665	16.3	16	15.36985	15.48877	15.21169	3.45343	3.6	3.3	23.00377	0.0067	22.99944	2.2E+08
16.23665	16.3	16	15.36985	15.48877	15.21169	3.45343	3.6	3.3	23.08697	0.04101	23.0825	2.2E+08
15.95968	16	15.8	15.43969	15.54418	15.32252	3.46613	3.8	3.3	23.17018	0.03429	23.16611	2.2E+08
15.91262	16	15.8	15.49809	15.62731	15.35023	3.35394	3.5	3.2	23.25338	0.05481	23.24944	2.2E+08
15.91262	16	15.8	15.49809	15.62731	15.35023	3.35394	3.5	3.2	23.33658	0.04104	23.3325	2.2E+08
15.89982	16	15.8	15.49973	15.57189	15.40565	3.3069	3.5	3.2	23.41978	0	23.41583	2.2E+08
15.94352	16	15.8	15.46196	15.57189	15.29481	3.2363	3.4	3.1	23.50299	0.03427	23.49944	2.2E+08
15.96301	16	15.8	15.40952	15.54418	15.29481	3.16724	3.4	3	23.58619	0.03429	23.58277	2.2E+08
16.10091	16.2	16	15.34347	15.48877	15.2671	3.01857	3.2	2.9	23.66942	0.04101	23.66611	2.2E+08
16.10091	16.2	16	15.34347	15.48877	15.2671	3.01857	3.2	2.9	23.75264	0.03435	23.74916	2.2E+08
16.22136	16.4	16	15.34154	15.57189	15.21169	2.81158	3.1	2.6	23.83584	0.06865	23.8325	2.2E+08
16.43679	16.5	16.4	15.25716	15.40565	15.15627	2.43915	2.6	2.3	23.91904	0.04209	23.91611	2.2E+08
16.43679	16.5	16.4	15.25716	15.40565	15.15627	2.43915	2.6	2.3	24.00225	0.0139	23.99916	2.2E+08
16.4807	16.5	16.4	15.20016	15.29481	15.07315	2.33274	2.5	2.3	24.00382	0	24	2.2E+08

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Project Name	TE-Wilbur screen program V3.5	4.91	
File Type	Alarm Log Data		
SARTI2 PM10			
Time	Status	Ch.No.	Message
10/11/2016 10:4	Recovery	3-0	Mains Power Lost
10/11/2016 10:4	Occurrence	2-2	Power Failure
10/11/2016 10:4	Recovery	2-2	Power Failure
10/11/2016 11:2	Occurrence	1-1	Leak Check Started
10/11/2016 11:2	Recovery	1-1	Leak Check Started
10/11/2016 11:2	Occurrence	1-2	Leak check passed
10/11/2016 11:3	Occurrence	2-15	Ambient Temperature Updated
10/11/2016 11:3	Recovery	2-15	Ambient Temperature Updated
10/11/2016 11:3	Occurrence	2-14	Filter Temperature Updated
10/11/2016 11:3	Recovery	2-14	Filter Temperature Updated
10/11/2016 11:3	Occurrence	2-13	Barometric Pressure Updated
10/11/2016 11:3	Recovery	2-13	Barometric Pressure Updated
10/11/2016 11:3	Occurrence	1-5	Flow Calibration started
10/11/2016 11:3	Occurrence	1-7	Flow Calibration completed - passed
10/11/2016 11:3	Recovery	1-5	Flow Calibration started
10/11/2016 11:3	Recovery	1-7	Flow Calibration completed - passed
10/11/2016 12:1	Occurrence	3-0	Mains Power Lost
10/11/2016 15:1	Recovery	1-2	Leak check passed
10/11/2016 15:1	Recovery	3-0	Mains Power Lost
10/11/2016 15:1	Occurrence	2-2	Power Failure
10/11/2016 15:1	Recovery	2-2	Power Failure
10/11/2016 15:1	Occurrence	1-10	Sample has been engaged
10/11/2016 15:1	Occurrence	1-15	Custom sample selected
10/11/2016 15:1	Recovery	1-10	Sample has been engaged
10/11/2016 15:1	Occurrence	1-11	Sample has been started
10/12/2016 15:1	Recovery	1-11	Sample has been started
10/12/2016 15:1	Recovery	1-15	Custom sample selected
10/12/2016 17:1	Occurrence	1-10	Sample has been engaged
10/12/2016 17:1	Occurrence	1-15	Custom sample selected
10/12/2016 17:1	Recovery	1-10	Sample has been engaged
10/12/2016 17:1	Occurrence	1-11	Sample has been started
10/13/2016 11:4	Occurrence	3-0	Mains Power Lost
10/13/2016 11:4	Recovery	3-0	Mains Power Lost
10/13/2016 17:1	Recovery	1-11	Sample has been started
10/13/2016 17:1	Recovery	1-15	Custom sample selected
10/13/2016 19:1	Occurrence	1-15	Custom sample selected
10/13/2016 19:1	Occurrence	1-10	Sample has been engaged
10/13/2016 19:1	Recovery	1-10	Sample has been engaged
10/13/2016 19:1	Occurrence	1-11	Sample has been started
10/14/2016 19:1	Recovery	1-15	Custom sample selected
10/14/2016 19:1	Recovery	1-11	Sample has been started

Project Name TE-Wilbur screen program V3.5 4.91
File Type Alarm Log Data
SARTI4 PM10

Time	Status	Ch.No.	Message
10/11/2016 09	Occurrence	2-2	Power Failure
10/11/2016 09	Recovery	2-2	Power Failure
10/11/2016 10	Occurrence	1-1	Leak Check Started
10/11/2016 10	Recovery	1-1	Leak Check Started
10/11/2016 10	Occurrence	1-3	Leak check failed
10/11/2016 10	Occurrence	1-4	Leak check failed - did not reach pressure
10/11/2016 10	Occurrence	1-1	Leak Check Started
10/11/2016 10	Recovery	1-3	Leak check failed
10/11/2016 10	Recovery	1-4	Leak check failed - did not reach pressure
10/11/2016 10	Occurrence	1-2	Leak check passed
10/11/2016 10	Recovery	1-1	Leak Check Started
10/11/2016 10	Occurrence	2-15	Ambient Temperature Updated
10/11/2016 10	Recovery	2-15	Ambient Temperature Updated
10/11/2016 10	Occurrence	2-14	Filter Temperature Updated
10/11/2016 10	Recovery	2-14	Filter Temperature Updated
10/11/2016 10	Occurrence	2-13	Barometric Pressure Updated
10/11/2016 10	Recovery	2-13	Barometric Pressure Updated
10/11/2016 10	Occurrence	1-5	Flow Calibration started
10/11/2016 10	Occurrence	1-7	Flow Calibration completed - passed
10/11/2016 10	Recovery	1-5	Flow Calibration started
10/11/2016 10	Recovery	1-7	Flow Calibration completed - passed
10/11/2016 14	Occurrence	1-10	Sample has been engaged
10/11/2016 14	Occurrence	1-15	Custom sample selected
10/11/2016 15	Recovery	1-10	Sample has been engaged
10/11/2016 15	Recovery	1-15	Custom sample selected
10/11/2016 15	Occurrence	1-15	Custom sample selected
10/11/2016 15	Occurrence	1-10	Sample has been engaged
10/11/2016 15	Recovery	1-10	Sample has been engaged
10/11/2016 15	Occurrence	1-11	Sample has been started
10/12/2016 15	Recovery	1-11	Sample has been started
10/12/2016 15	Recovery	1-15	Custom sample selected
10/12/2016 16	Occurrence	1-10	Sample has been engaged
10/12/2016 16	Occurrence	1-15	Custom sample selected
10/12/2016 16	Recovery	1-10	Sample has been engaged
10/12/2016 16	Occurrence	1-11	Sample has been started
10/13/2016 16	Recovery	1-15	Custom sample selected
10/13/2016 16	Recovery	1-11	Sample has been started
10/13/2016 19	Occurrence	1-15	Custom sample selected
10/13/2016 19	Occurrence	1-10	Sample has been engaged
10/13/2016 19	Recovery	1-10	Sample has been engaged
10/13/2016 19	Occurrence	1-11	Sample has been started
10/14/2016 19	Recovery	1-11	Sample has been started
10/14/2016 19	Recovery	1-15	Custom sample selected

Project Name	TE-Wilbur screen program V3.5	4.91	
File Type	Alarm Log Data		
SARTI3 PM10			
Time	Status	Ch.No.	Message
10/11/2016 08:31:31	Recovery	3-0	Mains Power Lost
10/11/2016 08:31:33	Occurrence	2-2	Power Failure
10/11/2016 08:31:39	Recovery	2-2	Power Failure
10/11/2016 08:35:46	Occurrence	1-1	Leak Check Started
10/11/2016 08:37:10	Recovery	1-1	Leak Check Started
10/11/2016 08:37:10	Occurrence	1-2	Leak check passed
10/11/2016 08:39:03	Occurrence	2-15	Ambient Temperature Updated
10/11/2016 08:39:03	Recovery	2-15	Ambient Temperature Updated
10/11/2016 08:39:26	Occurrence	2-14	Filter Temperature Updated
10/11/2016 08:39:26	Recovery	2-14	Filter Temperature Updated
10/11/2016 08:39:40	Occurrence	2-13	Barometric Pressure Updated
10/11/2016 08:39:40	Recovery	2-13	Barometric Pressure Updated
10/11/2016 08:40:06	Occurrence	1-5	Flow Calibration started
10/11/2016 08:42:15	Occurrence	1-7	Flow Calibration completed - passed
10/11/2016 08:42:16	Recovery	1-5	Flow Calibration started
10/11/2016 08:43:11	Recovery	1-7	Flow Calibration completed - passed
10/11/2016 12:53:13	Occurrence	3-0	Mains Power Lost
10/11/2016 13:01:29	Recovery	3-0	Mains Power Lost
10/11/2016 15:22:04	Occurrence	1-10	Sample has been engaged
10/11/2016 15:22:04	Occurrence	1-15	Custom sample selected
10/11/2016 15:25:00	Recovery	1-10	Sample has been engaged
10/11/2016 15:25:00	Occurrence	1-11	Sample has been started
10/12/2016 15:25:00	Recovery	1-11	Sample has been started
10/12/2016 15:25:00	Recovery	1-15	Custom sample selected
10/12/2016 16:56:50	Occurrence	1-10	Sample has been engaged
10/12/2016 16:56:50	Occurrence	1-15	Custom sample selected
10/12/2016 17:00:01	Recovery	1-10	Sample has been engaged
10/12/2016 17:00:01	Occurrence	1-11	Sample has been started
10/13/2016 16:59:59	Recovery	1-15	Custom sample selected
10/13/2016 17:00:00	Recovery	1-11	Sample has been started
10/13/2016 19:08:24	Occurrence	1-10	Sample has been engaged
10/13/2016 19:08:24	Occurrence	1-15	Custom sample selected
10/13/2016 19:10:00	Recovery	1-10	Sample has been engaged
10/13/2016 19:10:00	Occurrence	1-11	Sample has been started
10/14/2016 19:10:01	Recovery	1-11	Sample has been started
10/14/2016 19:10:01	Recovery	1-15	Custom sample selected

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Project Name          TE-Wilbur screen program V3.5     4.91
File Type             Alarm Log Data
SARTI5 PM10
Time                  Status                          Ch.No.  Message
 10/11/2016 10:40:55  Recovery                         3-0    Mains Power Lost
 10/11/2016 10:40:57  Occurrence                       2-2    Power Failure
 10/11/2016 10:41:03  Recovery                         2-2    Power Failure
 10/11/2016 11:26:20  Occurrence                       1-1    Leak Check Started
 10/11/2016 11:27:43  Recovery                         1-1    Leak Check Started
 10/11/2016 11:27:43  Occurrence                       1-2    Leak check passed
 10/11/2016 11:55:08  Occurrence                       2-15   Ambient Temperature Updated
 10/11/2016 11:55:08  Recovery                         2-15   Ambient Temperature Updated
 10/11/2016 11:55:28  Occurrence                       2-14   Filter Temperature Updated
 10/11/2016 11:55:28  Recovery                         2-14   Filter Temperature Updated
 10/11/2016 11:55:45  Occurrence                       2-13   Barometric Pressure Updated
 10/11/2016 11:55:45  Recovery                         2-13   Barometric Pressure Updated
 10/11/2016 11:55:51  Occurrence                       1-5    Flow Calibration started
 10/11/2016 11:57:55  Occurrence                       1-7    Flow Calibration completed - passed
 10/11/2016 11:57:55  Recovery                         1-5    Flow Calibration started
 10/11/2016 11:58:41  Recovery                         1-7    Flow Calibration completed - passed
 10/11/2016 15:08:52  Recovery                         1-2    Leak check passed
 10/11/2016 15:08:53  Occurrence                       2-2    Power Failure
 10/11/2016 15:08:59  Recovery                         2-2    Power Failure
 10/11/2016 15:09:29  Occurrence                       1-10   Sample has been engaged
 10/11/2016 15:09:29  Occurrence                       1-15   Custom sample selected
 10/12/2016 15:59:22  Recovery                         3-0    Mains Power Lost
 10/12/2016 15:59:24  Occurrence                       2-2    Power Failure
 10/12/2016 15:59:30  Recovery                         2-2    Power Failure
 10/12/2016 17:14:05  Occurrence                       1-15   Custom sample selected
 10/12/2016 17:14:06  Occurrence                       1-10   Sample has been engaged
 10/12/2016 17:15:00  Recovery                         1-10   Sample has been engaged
 10/12/2016 17:15:00  Occurrence                       1-11   Sample has been started
 10/13/2016 17:15:00  Recovery                         1-11   Sample has been started
 10/13/2016 17:15:00  Recovery                         1-15   Custom sample selected
 10/13/2016 19:13:06  Occurrence                       1-10   Sample has been engaged
 10/13/2016 19:13:06  Occurrence                       1-15   Custom sample selected
 10/13/2016 19:15:00  Recovery                         1-10   Sample has been engaged
 10/13/2016 19:15:00  Occurrence                       1-11   Sample has been started
 10/14/2016 19:15:00  Recovery                         1-11   Sample has been started
 10/14/2016 19:15:00  Recovery                         1-15   Custom sample selected
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Project Name         TE-Wilbur screen program V3.5     4.91
File Type            Alarm Log Data
SARTI5 PM10
Time                 Status                        Ch.No Message
 10/11/2016 13:46:16 Occurrence                     2-2  Power Failure
 10/11/2016 13:46:21 Recovery                       2-2  Power Failure
 10/11/2016 13:46:59 Occurrence                     1-1  Leak Check Started
 10/11/2016 13:47:11 Occurrence                     2-6  Ambient Temperature unplugged or failed
 10/11/2016 13:48:23 Recovery                       1-1  Leak Check Started
 10/11/2016 13:48:23 Occurrence                     1-2  Leak check passed
 10/11/2016 13:56:03 Occurrence                     2-15 Ambient Temperature Updated
 10/11/2016 13:56:03 Recovery                       2-15 Ambient Temperature Updated
 10/11/2016 13:56:22 Occurrence                     2-15 Ambient Temperature Updated
 10/11/2016 13:56:22 Recovery                       2-15 Ambient Temperature Updated
 10/11/2016 13:56:36 Occurrence                     2-15 Ambient Temperature Updated
 10/11/2016 13:56:36 Recovery                       2-15 Ambient Temperature Updated
 10/11/2016 13:56:51 Occurrence                     2-15 Ambient Temperature Updated
 10/11/2016 13:56:51 Recovery                       2-15 Ambient Temperature Updated
 10/11/2016 13:57:15 Occurrence                     2-15 Ambient Temperature Updated
 10/11/2016 13:57:15 Recovery                       2-15 Ambient Temperature Updated
 10/11/2016 13:57:46 Occurrence                     2-14 Filter Temperature Updated
 10/11/2016 13:57:46 Recovery                       2-14 Filter Temperature Updated
 10/11/2016 13:58:02 Occurrence                     2-13 Barometric Pressure Updated
 10/11/2016 13:58:03 Recovery                       2-13 Barometric Pressure Updated
 10/11/2016 13:58:16 Occurrence                     1-5  Flow Calibration started
 10/11/2016 14:01:31 Occurrence                     1-7  Flow Calibration completed - passed
 10/11/2016 14:01:31 Recovery                       1-5  Flow Calibration started
 10/11/2016 14:01:59 Recovery                       1-7  Flow Calibration completed - passed
 10/11/2016 14:27:07 Occurrence                     1-10 Sample has been engaged
 10/11/2016 14:27:07 Occurrence                     1-15 Custom sample selected
 10/11/2016 14:30:00 Recovery                       1-10 Sample has been engaged
 10/11/2016 14:30:00 Occurrence                     1-11 Sample has been started
 10/11/2016 14:30:00 Occurrence                     2-11 Sample shutdown due to alarm condition
 10/11/2016 14:30:10 Recovery                       1-11 Sample has been started
 10/11/2016 14:30:10 Recovery                       1-15 Custom sample selected
 10/11/2016 14:30:10 Recovery                       2-11 Sample shutdown due to alarm condition
 10/11/2016 14:31:15 Occurrence                     1-10 Sample has been engaged
 10/11/2016 14:31:15 Occurrence                     1-15 Custom sample selected
 10/11/2016 14:32:00 Recovery                       1-10 Sample has been engaged
 10/11/2016 14:32:00 Recovery                       1-15 Custom sample selected
 10/11/2016 14:33:17 Occurrence                     1-10 Sample has been engaged
 10/11/2016 14:33:17 Occurrence                     1-15 Custom sample selected
 10/11/2016 14:34:00 Recovery                       1-10 Sample has been engaged
 10/11/2016 14:34:00 Occurrence                     1-11 Sample has been started
 10/11/2016 14:34:00 Occurrence                     2-11 Sample shutdown due to alarm condition
 10/11/2016 14:34:09 Recovery                       1-11 Sample has been started
 10/11/2016 14:34:09 Recovery                       1-15 Custom sample selected
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10/11/2016 14:34:09   Recovery      2-11   Sample shutdown due to alarm condition
10/11/2016 14:34:59   Recovery      2-6    Ambient Temperature unplugged or failed
10/11/2016 14:34:59   Recovery      1-2    Leak check passed
10/11/2016 14:34:59   Recovery      3-0    Mains Power Lost
10/11/2016 14:35:02   Occurrence    2-2    Power Failure
10/11/2016 14:35:02   Occurrence    3-7    Battery discharged
10/11/2016 14:35:06   Recovery      2-2    Power Failure
10/11/2016 14:35:24   Occurrence    1-10   Sample has been engaged
10/11/2016 14:35:24   Occurrence    1-15   Custom sample selected
10/11/2016 14:35:56   Occurrence    2-6    Ambient Temperature unplugged or failed
10/11/2016 14:36:00   Recovery      1-10   Sample has been engaged
10/11/2016 14:36:00   Occurrence    1-11   Sample has been started
10/11/2016 14:36:00   Occurrence    2-11   Sample shutdown due to alarm condition
10/11/2016 14:36:09   Recovery      2-11   Sample shutdown due to alarm condition
10/11/2016 14:36:09   Recovery      1-11   Sample has been started
10/11/2016 14:36:09   Recovery      1-15   Custom sample selected
10/11/2016 14:36:57   Recovery      3-7    Battery discharged
10/11/2016 14:37:29   Occurrence    2-15   Ambient Temperature Updated
10/11/2016 14:37:29   Recovery      2-15   Ambient Temperature Updated
10/11/2016 14:37:52   Occurrence    1-10   Sample has been engaged
10/11/2016 14:37:52   Occurrence    1-15   Custom sample selected
10/11/2016 14:41:29   Recovery      3-7    Battery discharged
10/11/2016 14:41:29   Recovery      3-0    Mains Power Lost
10/11/2016 14:41:32   Occurrence    2-2    Power Failure
10/11/2016 14:41:32   Occurrence    3-7    Battery discharged
10/11/2016 14:41:37   Recovery      2-2    Power Failure
10/11/2016 14:41:47   Occurrence    1-10   Sample has been engaged
10/11/2016 14:41:47   Occurrence    1-15   Custom sample selected
10/11/2016 14:41:59   Recovery      1-10   Sample has been engaged
10/11/2016 14:41:59   Occurrence    1-11   Sample has been started
10/11/2016 14:42:27   Occurrence    2-6    Ambient Temperature unplugged or failed
10/11/2016 14:42:27   Occurrence    2-11   Sample shutdown due to alarm condition
10/11/2016 14:42:36   Recovery      1-11   Sample has been started
10/11/2016 14:42:36   Recovery      1-15   Custom sample selected
10/11/2016 14:42:36   Recovery      2-11   Sample shutdown due to alarm condition
10/11/2016 14:42:57   Recovery      3-7    Battery discharged
10/11/2016 14:43:13   Occurrence    1-10   Sample has been engaged
10/11/2016 14:43:13   Occurrence    1-15   Custom sample selected
10/11/2016 14:43:59   Recovery      1-10   Sample has been engaged
10/11/2016 14:43:59   Occurrence    1-11   Sample has been started
10/11/2016 14:43:59   Occurrence    2-11   Sample shutdown due to alarm condition
10/11/2016 14:44:09   Recovery      1-11   Sample has been started
10/11/2016 14:44:09   Recovery      1-15   Custom sample selected
10/11/2016 14:44:09   Recovery      2-11   Sample shutdown due to alarm condition
10/11/2016 14:50:04   Occurrence    2-2    Power Failure
10/11/2016 14:50:04   Occurrence    3-7    Battery discharged
10/11/2016 14:50:09   Recovery      2-2    Power Failure
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10/11/2016 14:50:52   Occurrence                          1-10   Sample has been engaged
10/11/2016 14:50:52   Occurrence                          1-15   Custom sample selected
10/11/2016 14:51:01   Recovery                            1-10   Sample has been engaged
10/11/2016 14:51:01   Occurrence                          1-11   Sample has been started
10/12/2016 14:50:59   Recovery                            1-15   Custom sample selected
10/12/2016 14:51:00   Recovery                            1-11   Sample has been started
10/12/2016 16:30:10   Occurrence                          1-10   Sample has been engaged
10/12/2016 16:30:10   Occurrence                          1-15   Custom sample selected
10/12/2016 16:30:59   Recovery                            1-10   Sample has been engaged
10/12/2016 16:30:59   Occurrence                          1-11   Sample has been started
10/13/2016 16:31:01   Recovery                            1-11   Sample has been started
10/13/2016 16:31:01   Recovery                            1-15   Custom sample selected
10/13/2016 19:26:47   Occurrence                          1-10   Sample has been engaged
10/13/2016 19:26:47   Occurrence                          1-15   Custom sample selected
10/13/2016 19:30:01   Recovery                            1-10   Sample has been engaged
10/13/2016 19:30:01   Occurrence                          1-11   Sample has been started
10/14/2016 19:29:59   Recovery                            1-11   Sample has been started
10/14/2016 19:29:59   Recovery                            1-15   Custom sample selected
```

Sampling Summary, Data Log, and Alarm Log – PM$_{2.5}$ Sampling Equipment

APPENDIX

E

Project Na	TE-Wilbur	4.91
File Type	Data Log Data	
Channel N	2	
Source	D 12500	
Sampling N	Event Bit	
Device	M 687	
SARTI5 PM2.5		

Sample Su	Filter ID	Site ID	S/N	Min Tamb	Max Tamb	Avg Tamb	Start Tamb	End Tamb	Min Pamb	Max Pamb	Avg Pamb	Start Pamb	End Pamb	Total Samp	Volume	Max CV	Max Tdiff	Avg Flow R	Min Tf	Max Tf	Avg Tf	Start Date	Start Time	Sample Wa
10/11/201	2.2E+08	20102025	77	21	21.3	21.15	21.09999	21.3	761	761.1	761.05	761	761.1	0.02388	0.02331	0.17896	4.4	16.26867	25.19999	25.4	25.3	10112016	1515	0
10/13/201	2.2E+08	20205025	77	15.4	23.59999	19.5	19.5	19.9	760.5	763.1	761.8	761.2	760.6	24	23.99968	0.17377	4.8	16.66644	17.3	26.3	21.8	10122016	1715	0
10/14/201	2.2E+08	20305025	77	15.59999	23	19.3	17.19999	17.69999	760.1	762.6	761.35	760.1	760.3	24	24.00081	0.16611	4.9	16.66722	17.9	26.4	22.15	10132016	1915	0

Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Data Log Data	
Channel No.		2
Source	D 12500	
Sampling Method	Event Bit	
Device	M 687	
SARTI3 PM2.5		

Sample Summary	Filter ID	Site ID	S/N	Min Tamb	Max Tamb	Avg Tamb	Start Tamb	End Tamb	Min Pamb	Max Pamb	Avg Pamb	Start Pamb	End Pamb	Total Samp	Volume	Max CV	Max Tdiff	Avg Flow R	Min Tf	Max Tf	Avg Tf	Start Date	Start Time	Sample Wa
10/12/2016 15:25:11	220297429	20103025	78	16.1	23.69999	19.9	23.4	22.69999	762	764	763	762.5	762.8	24.00027	24.00159	0.16102	4.4	16.66758	17.8	26.9	22.34999	10112016	1525	0
10/13/2016 17:00:11	220297443	20203025	78	16.1	24.69999	20.4	22.1	22.1	761.2	763.5	762.35	762.3	761.2	24	24.00143	0.13799	4.5	16.66766	17.4	27.9	22.65	10122016	1700	0
10/14/2016 19:10:11	220297437	20303025	78	16.3	25.3	20.8	18.5	18.19999	760.9	763.2	762.05	760.9	761.1	24	24.00179	0.14637	4.3	16.66791	18	28	23	10132016	1910	0

Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Data Log Data	
Channel No.	2	
Source	D 12500	
Sampling Method	Event Bit	
Device	M 687	
SARTI4 PM2.5		

Sample Summary	Filter ID	Site ID	S/N	Min Tamb	Max Tamb	Avg Tamb	Start Tamb	End Tamb	Min Pamb	Max Pamb	Avg Pamb	Start Pamb	End Pamb	Total Samp	Volume	Max CV	Max Tdiff	Avg Flow R	Min Tf	Max Tf	Avg Tf	Start Date	Start Time	Sample Wa
10/11/2016 09:59:52	220297195	10302025	80	27.8	28.4	28.1	28.1	27.8	749.2	758.9	754.05	749.2	758.9	0.01694	0.01663	0.14184	0.59999	16.35908	27.8	28.9	28.34999	10102016	1654	0
10/11/2016 15:03:33	220297427	20104025	80	23.09999	23.09999	23.09999	23.09999	23.09999	763	763	763	763	763	0.00611	0.00569	0.14184	2.4	15.54067	25.4	25.5	25.45	10112016	1503	0
10/12/2016 15:05:10	220297427	20104025	80	15.99999	23.49999	19.74999	22.49999	21.39999	762.3	764.4	763.35	762.9	763.1	24	24.00236	0.13824	4.7	16.66831	17.9	26.3	22.1	10112016	1505	0
10/13/2016 16:45:10	220297416	20204025	80	15.99999	24.8	20.39999	20.59999	22.8	761.5	763.8	762.65	762.7	761.5	24.00027	24.00286	0.13082	4.7	16.66846	17.7	27.2	22.45	10122016	1645	0
10/14/2016 19:22:10	220297432	20304025	80	16.3	25.19999	20.75	18.09999	18.39999	761	763.5	762.25	761.2	761.3	24	24.00093	0.24428	4.5	16.66731	18.2	27.9	23.05	10132016	1922	0

Project Name TE-Wilbur screen program V3.5 4.91
File Type Data Log Data

Channel No. 2
Source D 12500
Sampling Method Event Bit
Device M 687
SARTI2 PM2.5

Sample Summary	Filter ID	Site ID	S/N	Min Tamb	Max Tamb	Avg Tamb	Start Tamb	End Tamb	Min Pamb	Max Pamb	Avg Pamb	Start Pamb	End Pamb	Total Samp	Volume	Max CV	Max Tdiff	Avg Flow R	Min Tf	Max Tf	Avg Tf	Start Date	Start Time	Sample Wa
10/12/2016 15:17:11	220297422	20102025	81	15.5	22	18.75	21.7	20.6	760.5	763.9	762.2	760.5	762.2	23.99972	24.00002	0.20166	4.9	16.66687	17.4	25.4	21.4	10112016	1517	0
10/13/2016 17:15:11	220297442	20202025	81	15.4	23.9	19.65	19.4	19.8	760.6	763.2	761.9	761.7	760.6	24	24.00056	0.19072	5.19999	16.66706	17.3	27	22.15	10122016	1715	0
10/14/2016 19:15:10	220297447	20302025	81	15.6	23.8	19.7	17.3	17.8	760.2	762.5	761.35	760.2	760.3	23.99972	24.0011	0.21559	4.9	16.66762	17.6	26.9	22.25	10132016	1915	0

Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Data Log Data	
SARTI1 PM2.5		
Channel No.	2	
Source	D 12500	
Sampling Method	Event Bit	
Device	M 687	

Sample Summary	Filter ID	Site ID	S/N	Min Tamb	Max Tamb	Avg Tamb	Start Tamb	End Tamb	Min Pamb	Max Pamb	Avg Pamb	Start Pamb	End Pamb	Total Samp	Volume	Max CV	Max Tdiff	Avg Flow R	Min Tf	Max Tf	Avg Tf	Start Date	Start Time	Sample Warning
10/12/2016 14:30	220297424	20101025	84	16.8	24.5	20.65	23.9	21.8	762.1	764.3	763.2	762.6	763.1	24.00055	24.00373	0.14501	4.1	16.66887	16.5	27.4	21.95	10112016	1430	0
10/13/2016 16:30	220297445	20201025	84	16.5	26	21.25	21.3	23.3	761.7	763.6	762.65	762.6	761.7	24	24.00236	0.13045	4	16.6683	15.8	28	21.9	10122016	1630	0
10/14/2016 19:30	220297449	20301025	84	17.1	26.3	21.7	18.6	19.2	760.7	763.1	761.9	760.7	760.9	24.00055	24.00277	0.16147	3.99999	16.66821	16.8	28.2	22.5	10132016	1930	0

Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Data Log Data	

Channel No.		1
Source	D 12000	
Sampling Method	Event Bit	
Device	M 972	

SARTI3 PM2.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 08:37:13	0	0	0	749.8	749.8	749.8	28.94369	29.19999	28.8
10/11/2016 08:42:13	0	0	0	762.4624	762.5	762.4	18.10671	18.3	17.99999
10/11/2016 08:47:13	0	0	0	762.4624	762.5	762.4	18.10671	18.3	17.99999
10/11/2016 08:52:13	0	0	0	762.501	762.6	762.5	18.51249	19.5	18.09999
10/11/2016 08:57:13	8.538	18.40504	0	762.5936	762.6	762.5	19.57722	19.59999	19.5
10/11/2016 09:02:13	0	0	0	762.6142	762.7	762.6	19.71418	20	19.59999
10/11/2016 09:07:13	0	0	0	762.7292	762.8	762.7	19.9832	20	19.69999
10/11/2016 09:12:13	0	0	0	762.8	762.8	762.8	20.08993	20.09999	20
10/11/2016 09:17:13	0	0	0	762.8	762.8	762.8	20.12014	20.3	20.09999
10/11/2016 09:22:13	0	0	0	762.806	762.9	762.8	20.25302	20.3	20.09999
10/11/2016 09:27:13	0	0	0	762.8221	762.9	762.8	20.30335	20.4	20.19999
10/11/2016 09:32:13	0	0	0	762.8221	762.9	762.8	20.30335	20.4	20.19999
10/11/2016 09:37:13	0	0	0	762.9	762.9	762.9	20.33692	20.4	20.3
10/11/2016 09:42:13	0	0	0	762.903	763	762.9	20.48393	20.59999	20.3
10/11/2016 09:47:13	0	0	0	762.9937	763	762.9	20.61006	20.69999	20.59999
10/11/2016 09:52:13	0	0	0	762.9648	763	762.9	20.68322	20.8	20.59999
10/11/2016 09:57:13	0	0	0	763	763	763	20.74362	20.9	20.69999
10/11/2016 10:02:13	0	0	0	763	763	763	20.88323	21	20.69999
10/11/2016 10:07:13	0	0	0	763.0755	763.1	763	20.98386	21.19999	20.9
10/11/2016 10:12:13	0	0	0	763.1	763.1	763.1	21.20471	21.3	21
10/11/2016 10:17:13	0	0	0	763.1	763.1	763.1	21.33356	21.4	21.3
10/11/2016 10:22:13	0	0	0	763.1	763.1	763.1	21.44364	21.5	21.4
10/11/2016 10:27:13	0	0	0	763.1	763.1	763.1	21.54364	21.59999	21.4
10/11/2016 10:32:13	0	0	0	763.1	763.1	763.1	21.67388	21.9	21.59999
10/11/2016 10:37:13	0	0	0	763.1	763.1	763.1	21.9235	22	21.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 10:42:13	0	0	0	763.1	763.1	763.1	22.15703	22.19999	22
10/11/2016 10:47:13	0	0	0	763.1	763.1	763.1	22.37785	22.5	22.19999
10/11/2016 10:52:13	0	0	0	763.1	763.1	763.1	22.49429	22.59999	22.4
10/11/2016 10:57:13	0	0	0	763.1	763.1	763.1	22.49429	22.59999	22.4
10/11/2016 11:02:13	0	0	0	763.1	763.1	763.1	22.6067	22.69999	22.5
10/11/2016 11:07:13	0	0	0	763.194	763.2	763.1	22.7111	23	22.59999
10/11/2016 11:12:13	0	0	0	763.2	763.2	763.2	22.90204	23	22.69999
10/11/2016 11:17:13	0	0	0	763.2424	763.3	763.2	23.04715	23.19999	23
10/11/2016 11:22:13	0	0	0	763.2465	763.3	763.2	23.22459	23.3	23.09999
10/11/2016 11:27:13	0	0	0	763.2151	763.3	763.2	23.31349	23.4	23.19999
10/11/2016 11:32:13	0	0	0	763.2	763.2	763.2	23.49094	23.69999	23.3
10/11/2016 11:37:13	0	0	0	763.2	763.2	763.2	23.65722	23.69999	23.59999
10/11/2016 11:42:13	0	0	0	763.2526	763.3	763.2	23.85388	23.9	23.69999
10/11/2016 11:47:13	0	0	0	763.3	763.3	763.3	23.95725	24	23.9
10/11/2016 11:52:13	0	0	0	763.301	763.4	763.3	24.02027	24.3	24
10/11/2016 11:57:13	0	0	0	763.301	763.4	763.3	24.02027	24.3	24
10/11/2016 12:02:13	0	0	0	763.3414	763.4	763.3	24.28752	24.4	24.19999
10/11/2016 12:07:13	0	0	0	763.3414	763.4	763.3	24.28752	24.4	24.19999
10/11/2016 12:12:13	0	0	0	763.2667	763.3	763.2	24.42027	24.59999	24.19999
10/11/2016 12:17:13	0	0	0	763.2202	763.3	763.2	24.5168	24.59999	24.4
10/11/2016 12:22:13	0	0	0	763.2202	763.3	763.2	24.5168	24.59999	24.4
10/11/2016 12:27:13	0	0	0	763.2	763.2	763.2	24.57745	24.8	24.5
10/11/2016 12:32:13	0	0	0	763.2	763.2	763.2	24.63028	24.8	24.5
10/11/2016 12:37:13	0	0	0	763.2344	763.3	763.1	24.71789	24.9	24.59999
10/11/2016 12:42:13	0	0	0	763.1758	763.3	763.1	24.82016	24.9	24.59999
10/11/2016 12:47:13	0	0	0	763.1121	763.2	763	24.8337	24.9	24.59999
10/11/2016 12:52:13	0	0	0	763.0263	763.2	763	24.88989	24.9	24.8
10/11/2016 12:57:13	0	0	0	762.9758	763	762.9	24.95051	25	24.9
10/11/2016 13:02:12	0	0	0	762.9041	763	762.9	25.03706	25.09999	25
10/11/2016 13:07:13	0	0	0	762.9121	763	762.9	25.29538	25.5	25.09999
10/11/2016 13:12:13	0	0	0	762.9121	763	762.9	25.29538	25.5	25.09999
10/11/2016 13:17:13	0	0	0	762.9798	763	762.9	25.55389	25.59999	25.4
10/11/2016 13:22:13	0	0	0	763	763	763	25.67408	25.69999	25.59999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 13:27:13	0	0	0	762.996	763	762.9	25.9627	26.09999	25.69999
10/11/2016 13:32:13	0	0	0	762.9293	763	762.9	26.20442	26.4	26.09999
10/11/2016 13:37:13	0	0	0	762.9	762.9	762.9	26.51892	26.69999	26.3
10/11/2016 13:42:13	0	0	0	762.9243	763	762.9	26.7674	26.9	26.59999
10/11/2016 13:47:13	0	0	0	762.9959	763	762.9	26.87644	27	26.69999
10/11/2016 13:52:13	0	0	0	762.8666	763	762.8	26.82256	26.9	26.69999
10/11/2016 13:57:13	0	0	0	762.8131	762.9	762.8	26.89332	27	26.69999
10/11/2016 14:02:13	0	0	0	762.8	762.8	762.8	27.03376	27.19999	26.9
10/11/2016 14:07:13	0	0	0	762.8808	762.9	762.8	27.19999	27.3	27
10/11/2016 14:12:13	0	0	0	762.8434	762.9	762.8	27.19669	27.3	27
10/11/2016 14:17:13	0	0	0	762.7778	762.9	762.7	27.28991	27.4	27.19999
10/11/2016 14:22:13	0	0	0	762.7676	762.8	762.7	27.2899	27.3	27.19999
10/11/2016 14:27:13	0	0	0	762.7697	762.8	762.7	27.24952	27.3	27.19999
10/11/2016 14:32:13	0	0	0	762.7586	762.8	762.7	27.26627	27.3	27.19999
10/11/2016 14:37:12	0	0	0	762.7415	762.8	762.7	27.02482	27.19999	26.9
10/11/2016 14:42:12	0	0	0	762.7161	762.8	762.7	26.77535	26.9	26.59999
10/11/2016 14:47:12	0	0	0	762.6949	762.8	762.6	26.61567	26.69999	26.3
10/11/2016 14:52:13	0	0	0	762.6	762.6	762.6	25.98533	26.19999	25.69999
10/11/2016 14:57:12	0	0	0	762.6	762.6	762.6	25.98533	26.19999	25.69999
10/11/2016 15:02:13	0	0	0	762.6414	762.7	762.6	25.49218	25.59999	25.4
10/11/2016 15:07:13	0	0	0	762.6414	762.7	762.6	25.49218	25.59999	25.4
10/11/2016 15:12:13	0	0	0	762.5353	762.6	762.5	25.36305	25.5	25.19999
10/11/2016 15:17:13	0	0	0	762.5203	762.6	762.5	25.51015	25.59999	25.4
10/11/2016 15:22:13	0	0	0	762.5031	762.6	762.5	25.83443	26.09999	25.69999
10/11/2016 15:27:13	0	0	0	762.5031	762.6	762.5	25.83443	26.09999	25.69999
10/11/2016 15:32:13	6.55873	16.68728	0	762.5	762.5	762.5	26.00198	26.09999	25.8
10/11/2016 15:37:13	16.67741	16.69719	16.65671	762.5607	762.6	762.5	26.2089	26.4	26
10/11/2016 15:42:12	16.67388	16.69636	16.65671	762.6182	762.7	762.5	26.57852	26.69999	26.3
10/11/2016 15:47:13	16.67437	16.69145	16.66175	762.696	762.7	762.6	26.71009	26.9	26.59999
10/11/2016 15:52:12	16.67437	16.69145	16.66175	762.696	762.7	762.6	26.71009	26.9	26.59999
10/11/2016 15:57:12	16.67531	16.68854	16.66039	762.7	762.7	762.7	26.62596	26.69999	26.59999
10/11/2016 16:02:13	16.67595	16.69431	16.65902	762.7	762.7	762.7	26.44394	26.69999	26.19999
10/11/2016 16:07:12	16.67707	16.69855	16.65902	762.7	762.7	762.7	26.16957	26.3	26

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 16:12:12	16.67542	16.69225	16.65695	762.6435	762.7	762.6	26.06055	26.09999	26
10/11/2016 16:17:12	16.67609	16.69855	16.65476	762.6626	762.7	762.6	25.96301	26.09999	25.8
10/11/2016 16:22:13	16.67679	16.70074	16.65695	762.6616	762.7	762.6	25.87525	26	25.69999
10/11/2016 16:27:13	16.67532	16.7042	16.65199	762.6939	762.8	762.6	25.73361	26	25.69999
10/11/2016 16:32:13	16.67532	16.7042	16.65199	762.6939	762.8	762.6	25.73361	26	25.69999
10/11/2016 16:37:12	16.67317	16.69855	16.64636	762.7031	762.8	762.6	25.66962	25.8	25.59999
10/11/2016 16:42:13	16.67502	16.70413	16.64629	762.6425	762.7	762.6	25.13588	25.4	25
10/11/2016 16:47:12	16.67502	16.70413	16.64629	762.6425	762.7	762.6	25.13588	25.4	25
10/11/2016 16:52:12	16.67132	16.68986	16.64336	762.6747	762.7	762.6	24.81801	25.09999	24.5
10/11/2016 16:57:12	16.67311	16.6932	16.64672	762.602	762.7	762.6	24.38747	24.59999	24
10/11/2016 17:02:13	16.67278	16.69707	16.65152	762.4828	762.5	762.4	23.61901	23.69999	23.4
10/11/2016 17:07:12	16.67278	16.69707	16.65152	762.4828	762.5	762.4	23.61901	23.69999	23.4
10/11/2016 17:12:13	16.6762	16.68926	16.6609	762.4	762.4	762.4	23.3	23.4	23.19999
10/11/2016 17:17:12	16.6762	16.68926	16.6609	762.4	762.4	762.4	23.3	23.4	23.19999
10/11/2016 17:22:12	16.67454	16.68926	16.66392	762.399	762.4	762.3	23.26289	23.3	23.19999
10/11/2016 17:27:13	16.67391	16.69978	16.64345	762.2504	762.4	762.1	23.18991	23.3	23.09999
10/11/2016 17:32:13	16.67672	16.69475	16.6596	762.2294	762.3	762.2	23.06728	23.19999	23
10/11/2016 17:37:12	16.67672	16.69475	16.6596	762.2294	762.3	762.2	23.06728	23.19999	23
10/11/2016 17:42:12	16.67499	16.6932	16.65807	762.2181	762.3	762.2	23.00317	23.09999	22.8
10/11/2016 17:47:13	16.67216	16.69006	16.66065	762.1768	762.2	762.1	22.92567	23	22.69999
10/11/2016 17:52:13	16.67216	16.69006	16.66065	762.1768	762.2	762.1	22.92567	23	22.69999
10/11/2016 17:57:12	16.67455	16.69855	16.65558	762.0646	762.2	762	22.74372	23	22.69999
10/11/2016 18:02:13	16.6748	16.68906	16.65969	762.0283	762.1	762	22.61011	22.69999	22.5
10/11/2016 18:07:12	16.6748	16.68906	16.65969	762.0283	762.1	762	22.61011	22.69999	22.5
10/11/2016 18:12:12	16.6738	16.69121	16.65021	762.3141	762.4	762.2	22.47173	22.59999	22.09999
10/11/2016 18:17:12	16.67427	16.68975	16.66047	762.3314	762.4	762.2	22.10896	22.19999	22
10/11/2016 18:22:12	16.67473	16.69194	16.65477	762.3506	762.4	762.3	21.84151	22	21.59999
10/11/2016 18:27:12	16.67528	16.68956	16.66025	762.3	762.3	762.3	21.60659	21.8	21.5
10/11/2016 18:32:13	16.67342	16.69025	16.661	762.306	762.4	762.3	21.40894	21.5	21.3
10/11/2016 18:37:12	16.67342	16.69025	16.661	762.306	762.4	762.3	21.40894	21.5	21.3
10/11/2016 18:42:13	16.67387	16.69257	16.6536	762.3	762.3	762.3	21.16846	21.3	21
10/11/2016 18:47:12	16.67387	16.69257	16.6536	762.3	762.3	762.3	21.16846	21.3	21
10/11/2016 18:52:12	16.67346	16.69257	16.65191	762.3	762.3	762.3	20.96964	21.19999	20.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 18:57:13	16.67289	16.69428	16.65191	762.3	762.3	762.3	20.71814	21	20.59999
10/11/2016 19:02:12	16.67289	16.69428	16.65191	762.3	762.3	762.3	20.71814	21	20.59999
10/11/2016 19:07:13	16.67636	16.69704	16.6581	762.2253	762.3	762.2	20.45845	20.59999	20.3
10/11/2016 19:12:12	16.67636	16.69704	16.6581	762.2253	762.3	762.2	20.45845	20.59999	20.3
10/11/2016 19:17:13	16.67809	16.70458	16.65819	762.3	762.3	762.3	20.27299	20.3	20.09999
10/11/2016 19:22:12	16.67809	16.70458	16.65819	762.3	762.3	762.3	20.27299	20.3	20.09999
10/11/2016 19:27:12	16.67793	16.69708	16.65819	762.3	762.3	762.3	20.14256	20.3	20
10/11/2016 19:32:13	16.67423	16.68955	16.65864	762.203	762.3	762.2	19.93587	20	19.69999
10/11/2016 19:37:12	16.67423	16.68955	16.65864	762.203	762.3	762.2	19.93587	20	19.69999
10/11/2016 19:42:13	16.67772	16.69485	16.64847	762.3	762.3	762.3	19.71008	19.8	19.69999
10/11/2016 19:47:12	16.67772	16.69485	16.64847	762.3	762.3	762.3	19.71008	19.8	19.69999
10/11/2016 19:52:13	16.67417	16.69265	16.64629	762.4	762.4	762.4	19.61009	19.69999	19.59999
10/11/2016 19:57:12	16.67417	16.69265	16.64629	762.4	762.4	762.4	19.61009	19.69999	19.59999
10/11/2016 20:02:12	16.67498	16.69265	16.65601	762.4	762.4	762.4	19.56959	19.59999	19.5
10/11/2016 20:07:12	16.67268	16.69047	16.65382	762.494	762.5	762.4	19.48304	19.59999	19.4
10/11/2016 20:12:12	16.67268	16.69047	16.65382	762.494	762.5	762.4	19.48304	19.59999	19.4
10/11/2016 20:17:12	16.67457	16.69665	16.65155	762.4293	762.5	762.4	19.44036	19.5	19.4
10/11/2016 20:22:13	16.67518	16.69708	16.65645	762.3303	762.4	762.3	19.4	19.4	19.4
10/11/2016 20:27:12	16.67518	16.69708	16.65645	762.3303	762.4	762.3	19.4	19.4	19.4
10/11/2016 20:32:12	16.67421	16.68915	16.65427	762.3818	762.4	762.3	19.36613	19.4	19.19999
10/11/2016 20:37:12	16.67608	16.69312	16.66398	762.4	762.4	762.4	19.22017	19.4	19.19999
10/11/2016 20:42:13	16.67505	16.69312	16.66398	762.4	762.4	762.4	19.19985	19.4	19.09999
10/11/2016 20:47:12	16.67505	16.69312	16.66398	762.4	762.4	762.4	19.19985	19.4	19.09999
10/11/2016 20:52:12	16.67416	16.68915	16.65427	762.4	762.4	762.4	19.1909	19.19999	19.09999
10/11/2016 20:57:12	16.67469	16.68341	16.65824	762.4	762.4	762.4	19.14606	19.19999	19
10/11/2016 21:02:12	16.67979	16.67986	16.67014	762.3	762.3	762.3	19.05617	19.19999	19
10/11/2016 21:07:12	16.67979	16.67986	16.67014	762.3	762.3	762.3	19.05617	19.19999	19
10/11/2016 21:12:12	16.67438	16.69176	16.65688	762.2424	762.3	762.2	18.99664	19.09999	18.9
10/11/2016 21:17:12	16.67432	16.69928	16.65074	762.3778	762.4	762.3	18.963	19	18.9
10/11/2016 21:22:12	16.67432	16.69928	16.65074	762.3778	762.4	762.3	18.963	19	18.9
10/11/2016 21:27:12	16.67722	16.69709	16.65074	762.401	762.5	762.4	18.92252	19	18.9
10/11/2016 21:32:12	16.67583	16.69134	16.66044	762.4051	762.5	762.4	18.9	18.9	18.9
10/11/2016 21:37:12	16.67774	16.68915	16.66795	762.5	762.5	762.5	18.88315	18.9	18.59999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 21:42:13	16.67685	16.68735	16.66577	762.5395	762.6	762.5	18.81916	18.9	18.59999
10/11/2016 21:47:12	16.67616	16.69705	16.66221	762.5122	762.6	762.5	18.73604	18.9	18.59999
10/11/2016 21:52:12	16.67616	16.69705	16.66221	762.5122	762.6	762.5	18.73604	18.9	18.59999
10/11/2016 21:57:12	16.67829	16.6988	16.66577	762.599	762.6	762.5	18.68539	18.9	18.59999
10/11/2016 22:02:12	16.67846	16.68911	16.66358	762.6313	762.7	762.6	18.61682	18.9	18.5
10/11/2016 22:07:12	16.67821	16.6988	16.66002	762.605	762.7	762.6	18.54271	18.59999	18.5
10/11/2016 22:12:12	16.67821	16.6988	16.66002	762.605	762.7	762.6	18.54271	18.59999	18.5
10/11/2016 22:17:12	16.67752	16.68911	16.66753	762.6799	762.7	762.6	18.48989	18.59999	18.4
10/11/2016 22:22:12	16.67654	16.68692	16.66358	762.7	762.7	762.7	18.46623	18.5	18.4
10/11/2016 22:27:13	16.67788	16.69486	16.66002	762.6	762.6	762.6	18.40571	18.5	18.4
10/11/2016 22:32:12	16.67788	16.69486	16.66002	762.6	762.6	762.6	18.40571	18.5	18.4
10/11/2016 22:37:12	16.67662	16.6988	16.66002	762.6274	762.7	762.6	18.39663	18.4	18.3
10/11/2016 22:42:12	16.6764	16.69267	16.65784	762.7	762.7	762.7	18.36635	18.4	18.3
10/11/2016 22:47:12	16.6764	16.69267	16.65784	762.7	762.7	762.7	18.36635	18.4	18.3
10/11/2016 22:52:12	16.67569	16.69267	16.65784	762.7	762.7	762.7	18.37965	18.4	18.3
10/11/2016 22:57:12	16.67545	16.68692	16.65784	762.7	762.7	762.7	18.31345	18.4	18.3
10/11/2016 23:02:12	16.67545	16.68692	16.65784	762.7	762.7	762.7	18.31345	18.4	18.3
10/11/2016 23:07:12	16.67559	16.69267	16.65784	762.7111	762.8	762.7	18.33697	18.4	18.3
10/11/2016 23:12:12	16.6748	16.68692	16.6614	762.7919	762.8	762.7	18.32015	18.4	18.19999
10/11/2016 23:17:13	16.67531	16.69048	16.64596	762.8	762.8	762.8	18.3	18.4	18.19999
10/11/2016 23:22:12	16.67531	16.69048	16.64596	762.8	762.8	762.8	18.3	18.4	18.19999
10/11/2016 23:27:12	16.67494	16.69223	16.66135	762.8475	762.9	762.8	18.28991	18.3	18.19999
10/11/2016 23:32:12	16.6726	16.69836	16.66135	762.8365	762.9	762.8	18.28301	18.3	18
10/11/2016 23:37:12	16.6726	16.69836	16.66135	762.8365	762.9	762.8	18.28301	18.3	18
10/11/2016 23:42:12	16.67307	16.69041	16.65561	762.894	762.9	762.8	18.26736	18.3	18
10/11/2016 23:47:12	16.67426	16.69433	16.65379	762.9	762.9	762.9	18.18237	18.3	18
10/11/2016 23:52:12	16.67344	16.69433	16.64803	762.9	762.9	762.9	18.11798	18.3	18
10/11/2016 23:57:12	16.67394	16.69433	16.65379	762.9	762.9	762.9	18.0672	18.3	18
10/12/2016 00:02:12	16.67401	16.69433	16.65561	762.9	762.9	762.9	18.0336	18.19999	18
10/12/2016 00:07:12	16.67537	16.69433	16.65779	762.8645	762.9	762.8	18.01346	18.19999	18
10/12/2016 00:12:12	16.67661	16.6926	16.65779	762.8	762.8	762.8	18	18	18
10/12/2016 00:17:12	16.67467	16.6926	16.65779	762.8	762.8	762.8	17.97985	18	17.9
10/12/2016 00:22:12	16.67467	16.6926	16.65779	762.8	762.8	762.8	17.97985	18	17.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 00:27:12	16.67628	16.6926	16.65779	762.798	762.8	762.7	17.94726	18	17.9
10/12/2016 00:32:12	16.67628	16.6926	16.65779	762.798	762.8	762.7	17.94726	18	17.9
10/12/2016 00:37:12	16.67654	16.68684	16.65779	762.801	762.9	762.8	17.91346	18	17.9
10/12/2016 00:42:12	16.67654	16.68684	16.65779	762.801	762.9	762.8	17.91346	18	17.9
10/12/2016 00:47:12	16.67431	16.68684	16.65561	762.899	762.9	762.8	17.90671	18	17.9
10/12/2016 00:52:12	16.67265	16.69617	16.65561	762.9	762.9	762.9	17.90673	18	17.9
10/12/2016 00:57:12	16.67381	16.69223	16.65167	762.9	762.9	762.9	17.90335	18	17.9
10/12/2016 01:02:12	16.67382	16.69223	16.65742	762.8605	762.9	762.8	17.91025	18	17.9
10/12/2016 01:07:12	16.67559	16.69442	16.66354	762.8	762.8	762.8	17.91009	18	17.9
10/12/2016 01:12:12	16.67559	16.69442	16.66354	762.8	762.8	762.8	17.91009	18	17.9
10/12/2016 01:17:12	16.67582	16.69442	16.65565	762.8	762.8	762.8	17.91344	18	17.9
10/12/2016 01:22:12	16.67582	16.69442	16.65565	762.8	762.8	762.8	17.91344	18	17.9
10/12/2016 01:27:12	16.67496	16.69442	16.6596	762.808	762.9	762.8	17.91679	18	17.9
10/12/2016 01:32:12	16.67496	16.69442	16.6596	762.808	762.9	762.8	17.91679	18	17.9
10/12/2016 01:37:12	16.67586	16.69442	16.6596	762.8	762.8	762.8	17.92354	18	17.9
10/12/2016 01:42:12	16.67586	16.69442	16.6596	762.8	762.8	762.8	17.92354	18	17.9
10/12/2016 01:47:12	16.67614	16.69442	16.65386	762.8161	762.9	762.8	17.92688	18	17.9
10/12/2016 01:52:12	16.67489	16.69442	16.65386	762.8	762.8	762.8	17.94032	18	17.9
10/12/2016 01:57:12	16.67489	16.69442	16.65386	762.8	762.8	762.8	17.94032	18	17.9
10/12/2016 02:02:12	16.67565	16.68684	16.65779	762.8	762.8	762.8	17.92035	18	17.9
10/12/2016 02:07:12	16.67748	16.68891	16.65989	762.8	762.8	762.8	17.91343	18	17.9
10/12/2016 02:12:12	16.67748	16.68891	16.65989	762.8	762.8	762.8	17.91343	18	17.9
10/12/2016 02:17:12	16.67894	16.68891	16.66956	762.8	762.8	762.8	17.91009	18	17.9
10/12/2016 02:22:12	16.6787	16.68891	16.6638	762.807	762.9	762.8	17.90672	18	17.9
10/12/2016 02:27:12	16.6787	16.68891	16.6638	762.807	762.9	762.8	17.90672	18	17.9
10/12/2016 02:32:12	16.67568	16.69639	16.65586	762.9	762.9	762.9	17.89662	18	17.8
10/12/2016 02:37:12	16.67568	16.69639	16.65586	762.9	762.9	762.9	17.89662	18	17.8
10/12/2016 02:42:12	16.67545	16.68672	16.66162	762.9	762.9	762.9	17.89663	17.9	17.8
10/12/2016 02:47:12	16.67634	16.69248	16.65195	762.9	762.9	762.9	17.9067	18	17.9
10/12/2016 02:52:12	16.67634	16.69248	16.65195	762.9	762.9	762.9	17.9067	18	17.9
10/12/2016 02:57:12	16.67685	16.69248	16.6577	762.8809	762.9	762.8	17.93044	18	17.9
10/12/2016 03:02:12	16.67546	16.69248	16.66346	762.9	762.9	762.9	17.97983	18	17.9
10/12/2016 03:07:12	16.67546	16.69248	16.66346	762.9	762.9	762.9	17.97983	18	17.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 03:12:12	16.67453	16.68672	16.6577	762.9	762.9	762.9	17.99664	18	17.9
10/12/2016 03:17:12	16.67602	16.69652	16.65597	762.8232	762.9	762.8	18.02017	18.19999	18
10/12/2016 03:22:12	16.67872	16.68923	16.66023	762.7031	762.8	762.7	18.05417	18.3	18
10/12/2016 03:27:12	16.67872	16.68923	16.66023	762.7031	762.8	762.7	18.05417	18.3	18
10/12/2016 03:32:12	16.67944	16.68923	16.66413	762.7	762.7	762.7	18.09547	18.3	18
10/12/2016 03:37:12	16.67914	16.68923	16.66413	762.7	762.7	762.7	18.07527	18.3	18
10/12/2016 03:42:12	16.67914	16.68923	16.66413	762.7	762.7	762.7	18.07527	18.3	18
10/12/2016 03:47:12	16.67414	16.6911	16.65056	762.6928	762.7	762.6	18.13236	18.3	18
10/12/2016 03:52:12	16.67414	16.6911	16.65056	762.6928	762.7	762.6	18.13236	18.3	18
10/12/2016 03:57:12	16.67481	16.68752	16.6585	762.6	762.6	762.6	18.17872	18.3	18
10/12/2016 04:02:12	16.67483	16.69328	16.6585	762.6	762.6	762.6	18.31007	18.4	18.19999
10/12/2016 04:07:12	16.67483	16.69328	16.6585	762.6	762.6	762.6	18.31007	18.4	18.19999
10/12/2016 04:12:12	16.674	16.68361	16.6585	762.6	762.6	762.6	18.32709	18.4	18.3
10/12/2016 04:17:12	16.67477	16.69122	16.65066	762.6284	762.7	762.6	18.4271	18.5	18.4
10/12/2016 04:22:12	16.67499	16.68903	16.65998	762.7486	762.8	762.7	18.52352	18.59999	18.4
10/12/2016 04:27:12	16.67378	16.68867	16.65779	762.8	762.8	762.8	18.58756	18.59999	18.5
10/12/2016 04:32:12	16.67378	16.68867	16.65779	762.8	762.8	762.8	18.58756	18.59999	18.5
10/12/2016 04:37:12	16.67422	16.68867	16.66354	762.7927	762.8	762.7	18.76122	18.9	18.59999
10/12/2016 04:42:12	16.67513	16.69086	16.66354	762.7073	762.8	762.7	18.85935	18.9	18.59999
10/12/2016 04:47:12	16.67593	16.69836	16.65386	762.8	762.8	762.8	18.90672	19	18.8
10/12/2016 04:52:12	16.67509	16.69442	16.65565	762.8	762.8	762.8	18.96384	19	18.9
10/12/2016 04:57:12	16.67414	16.69442	16.65565	762.8	762.8	762.8	19.00774	19.19999	18.9
10/12/2016 05:02:12	16.67452	16.69979	16.64952	762.8587	762.9	762.8	19.15162	19.19999	19
10/12/2016 05:07:12	16.67452	16.69979	16.64952	762.8587	762.9	762.8	19.15162	19.19999	19
10/12/2016 05:12:12	16.67608	16.69979	16.64952	762.894	762.9	762.8	19.24032	19.4	19.19999
10/12/2016 05:17:12	16.67577	16.69048	16.6517	762.8607	762.9	762.8	19.38522	19.5	19.19999
10/12/2016 05:22:12	16.67577	16.69048	16.6517	762.8607	762.9	762.8	19.38522	19.5	19.19999
10/12/2016 05:27:12	16.67724	16.69799	16.65921	762.9	762.9	762.9	19.44939	19.5	19.4
10/12/2016 05:32:12	16.67724	16.69799	16.65921	762.9	762.9	762.9	19.44939	19.5	19.4
10/12/2016 05:37:12	16.67811	16.69799	16.65129	762.9	762.9	762.9	19.54054	19.59999	19.5
10/12/2016 05:42:12	16.67811	16.69799	16.65129	762.9	762.9	762.9	19.54054	19.59999	19.5
10/12/2016 05:47:12	16.67658	16.6901	16.64952	762.9	762.9	762.9	19.61008	19.69999	19.59999
10/12/2016 05:52:12	16.67658	16.6901	16.64952	762.9	762.9	762.9	19.61008	19.69999	19.59999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 05:57:12	16.67556	16.71525	16.65921	762.9	762.9	762.9	19.61913	19.69999	19.59999
10/12/2016 06:02:12	16.67386	16.70555	16.64952	762.9	762.9	762.9	19.64389	19.69999	19.59999
10/12/2016 06:07:12	16.67386	16.70555	16.64952	762.9	762.9	762.9	19.64389	19.69999	19.59999
10/12/2016 06:12:12	16.67477	16.69979	16.64952	762.9	762.9	762.9	19.69664	19.69999	19.59999
10/12/2016 06:17:12	16.67477	16.69979	16.64952	762.9	762.9	762.9	19.69664	19.69999	19.59999
10/12/2016 06:22:12	16.67542	16.69584	16.64952	762.9265	763	762.9	19.68653	19.69999	19.59999
10/12/2016 06:27:12	16.6761	16.70555	16.65703	762.9121	763	762.9	19.69999	19.69999	19.69999
10/12/2016 06:32:12	16.67492	16.69584	16.65703	762.9	762.9	762.9	19.70335	19.8	19.69999
10/12/2016 06:37:12	16.67427	16.69188	16.65703	762.9	762.9	762.9	19.71008	19.8	19.69999
10/12/2016 06:42:12	16.67624	16.68614	16.66673	762.9	762.9	762.9	19.76072	20	19.69999
10/12/2016 06:47:12	16.67624	16.68614	16.66673	762.9	762.9	762.9	19.76072	20	19.69999
10/12/2016 06:52:12	16.67479	16.6897	16.66058	763	763	763	19.86893	20	19.69999
10/12/2016 06:57:12	16.67479	16.6897	16.66058	763	763	763	19.86893	20	19.69999
10/12/2016 07:02:12	16.67522	16.69721	16.66236	763.0584	763.1	763	19.91552	20	19.69999
10/12/2016 07:07:12	16.67522	16.69721	16.66236	763.0584	763.1	763	19.91552	20	19.69999
10/12/2016 07:12:12	16.67424	16.68573	16.66631	762.9846	763	762.9	19.94156	20	19.69999
10/12/2016 07:17:12	16.67352	16.68614	16.66276	762.9343	763	762.9	20.00335	20.09999	20
10/12/2016 07:22:12	16.67352	16.68614	16.66276	762.9343	763	762.9	20.00335	20.09999	20
10/12/2016 07:27:12	16.67423	16.69188	16.65703	762.9	762.9	762.9	20.00335	20.09999	20
10/12/2016 07:32:12	16.67318	16.69584	16.65703	762.9	762.9	762.9	20.02013	20.09999	20
10/12/2016 07:37:12	16.67471	16.69365	16.65087	762.9637	763	762.9	20.02686	20.09999	20
10/12/2016 07:42:12	16.67471	16.69365	16.65087	762.9637	763	762.9	20.02686	20.09999	20
10/12/2016 07:47:12	16.67431	16.6897	16.65087	763	763	763	20.0235	20.09999	20
10/12/2016 07:52:12	16.67582	16.6897	16.65266	763.0574	763.1	763	20.01341	20.09999	20
10/12/2016 07:57:12	16.67582	16.6897	16.65266	763.0574	763.1	763	20.01341	20.09999	20
10/12/2016 08:02:12	16.67767	16.68751	16.6584	763.1	763.1	763.1	20.02351	20.09999	20
10/12/2016 08:07:12	16.67767	16.68751	16.6584	763.1	763.1	763.1	20.02351	20.09999	20
10/12/2016 08:12:12	16.67517	16.68751	16.66194	763.1838	763.2	763.1	20.00671	20.09999	20
10/12/2016 08:17:12	16.67356	16.69107	16.65621	763.202	763.3	763.2	20.01007	20.09999	20
10/12/2016 08:22:12	16.67702	16.69462	16.66373	763.3	763.3	763.3	20.01677	20.09999	20
10/12/2016 08:27:12	16.67702	16.69462	16.66373	763.3	763.3	763.3	20.01677	20.09999	20
10/12/2016 08:32:12	16.67654	16.69462	16.66331	763.3254	763.4	763.3	20.06071	20.09999	20
10/12/2016 08:37:12	16.67654	16.69462	16.66331	763.3254	763.4	763.3	20.06071	20.09999	20

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 08:42:12	16.67326	16.68448	16.65534	763.4	763.4	763.4	20.0832	20.09999	20
10/12/2016 08:47:12	16.67444	16.69639	16.65578	763.3043	763.4	763.3	20.13696	20.3	20
10/12/2016 08:52:12	16.67444	16.69639	16.65578	763.3043	763.4	763.3	20.13696	20.3	20
10/12/2016 08:57:12	16.67719	16.69595	16.66461	763.3469	763.5	763.3	20.2832	20.4	20.09999
10/12/2016 09:02:12	16.67326	16.68978	16.65488	763.5	763.5	763.5	20.3	20.4	20.19999
10/12/2016 09:07:12	16.67425	16.68978	16.65488	763.5	763.5	763.5	20.38471	20.59999	20.3
10/12/2016 09:12:12	16.67425	16.68978	16.65488	763.5	763.5	763.5	20.38471	20.59999	20.3
10/12/2016 09:17:12	16.67469	16.69505	16.65442	763.6	763.6	763.6	20.60362	20.69999	20.4
10/12/2016 09:22:12	16.67469	16.69505	16.65442	763.6	763.6	763.6	20.60362	20.69999	20.4
10/12/2016 09:27:12	16.67556	16.68759	16.65442	763.6	763.6	763.6	20.6597	20.69999	20.59999
10/12/2016 09:32:12	16.67494	16.69332	16.6527	763.6151	763.7	763.6	20.69999	20.8	20.59999
10/12/2016 09:37:12	16.67439	16.70304	16.65842	763.6	763.6	763.6	20.89664	21	20.69999
10/12/2016 09:42:12	16.67439	16.70304	16.65842	763.6	763.6	763.6	20.89664	21	20.69999
10/12/2016 09:47:12	16.67467	16.69505	16.65842	763.6	763.6	763.6	20.94031	21	20.9
10/12/2016 09:52:12	16.67498	16.68702	16.66133	763.6325	763.7	763.6	21.00437	21.19999	20.9
10/12/2016 09:57:12	16.67309	16.69627	16.66133	763.7	763.7	763.7	21.13484	21.3	21
10/12/2016 10:02:12	16.6746	16.69392	16.65159	763.7365	763.8	763.7	21.28421	21.4	21
10/12/2016 10:07:12	16.67407	16.69408	16.64723	763.8943	764	763.8	21.33722	21.4	21
10/12/2016 10:12:12	16.67504	16.70115	16.64505	763.995	764	763.9	21.37984	21.5	21.3
10/12/2016 10:17:12	16.67762	16.69577	16.64941	763.8	763.8	763.8	21.49692	21.59999	21.4
10/12/2016 10:22:12	16.67713	16.68837	16.661	763.8174	763.9	763.8	21.55633	21.59999	21.5
10/12/2016 10:27:12	16.67713	16.68837	16.661	763.8174	763.9	763.8	21.55633	21.59999	21.5
10/12/2016 10:32:12	16.67509	16.69358	16.661	763.899	763.9	763.8	21.5737	21.8	21.5
10/12/2016 10:37:12	16.67432	16.68384	16.66434	763.895	763.9	763.8	21.69489	21.9	21.59999
10/12/2016 10:42:12	16.67432	16.68384	16.66434	763.895	763.9	763.8	21.69489	21.9	21.59999
10/12/2016 10:47:12	16.67376	16.69174	16.66248	763.8544	764	763.8	21.91708	22	21.9
10/12/2016 10:52:12	16.67376	16.69174	16.66248	763.8544	764	763.8	21.91708	22	21.9
10/12/2016 10:57:12	16.67498	16.69153	16.66223	763.7829	763.8	763.7	22.02713	22.09999	22
10/12/2016 11:02:12	16.67498	16.69153	16.66223	763.7829	763.8	763.7	22.02713	22.09999	22
10/12/2016 11:07:12	16.67442	16.68934	16.65842	763.8	763.8	763.8	22.30465	22.4	22.09999
10/12/2016 11:12:12	16.67442	16.68934	16.65842	763.8	763.8	763.8	22.30465	22.4	22.09999
10/12/2016 11:17:12	16.67375	16.69098	16.65842	763.8118	763.9	763.7	22.56745	22.59999	22.5
10/12/2016 11:22:12	16.67375	16.69098	16.65842	763.8118	763.9	763.7	22.56745	22.59999	22.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 11:27:12	16.67437	16.70075	16.65029	763.7396	763.8	763.7	22.64393	22.69999	22.59999
10/12/2016 11:32:12	16.67431	16.69317	16.65759	763.795	763.8	763.7	22.86563	23	22.69999
10/12/2016 11:37:12	16.67431	16.69317	16.65759	763.795	763.8	763.7	22.86563	23	22.69999
10/12/2016 11:42:12	16.67551	16.69071	16.66328	763.7057	763.8	763.6	23.01006	23.09999	23
10/12/2016 11:47:12	16.67551	16.69071	16.66328	763.7057	763.8	763.6	23.01006	23.09999	23
10/12/2016 11:52:12	16.6761	16.6904	16.65945	763.6	763.6	763.6	23.03054	23.09999	23
10/12/2016 11:57:12	16.67619	16.68909	16.65247	763.6594	763.7	763.6	23.17752	23.3	23
10/12/2016 12:02:12	16.67522	16.68801	16.6606	763.6819	763.7	763.6	23.08558	23.19999	23
10/12/2016 12:07:12	16.67522	16.68801	16.6606	763.6819	763.7	763.6	23.08558	23.19999	23
10/12/2016 12:12:12	16.67755	16.70019	16.66102	763.6121	763.7	763.6	23.02046	23.09999	23
10/12/2016 12:17:12	16.67755	16.70019	16.66102	763.6121	763.7	763.6	23.02046	23.09999	23
10/12/2016 12:22:12	16.67534	16.69315	16.6467	763.5	763.5	763.5	23.25735	23.3	23.09999
10/12/2016 12:27:12	16.67534	16.69315	16.6467	763.5	763.5	763.5	23.25735	23.3	23.09999
10/12/2016 12:32:12	16.67353	16.69005	16.65909	763.4829	763.5	763.4	23.70104	23.8	23.59999
10/12/2016 12:37:12	16.6747	16.69005	16.66064	763.5171	763.6	763.5	23.83148	23.9	23.69999
10/12/2016 12:42:12	16.6747	16.69005	16.66064	763.5171	763.6	763.5	23.83148	23.9	23.69999
10/12/2016 12:47:12	16.6739	16.69318	16.65403	763.4	763.4	763.4	23.88993	24	23.69999
10/12/2016 12:52:12	16.6739	16.69318	16.65403	763.4	763.4	763.4	23.88993	24	23.69999
10/12/2016 12:57:12	16.67352	16.69249	16.65325	763.2678	763.3	763.2	23.95799	24.19999	23.9
10/12/2016 13:02:12	16.67352	16.69249	16.65325	763.2678	763.3	763.2	23.95799	24.19999	23.9
10/12/2016 13:07:12	16.67707	16.69753	16.66088	763.3323	763.4	763.3	24.01811	24.19999	24
10/12/2016 13:12:12	16.67561	16.69388	16.66143	763.3	763.3	763.3	24.32175	24.5	24.19999
10/12/2016 13:17:12	16.67561	16.69388	16.66143	763.3	763.3	763.3	24.32175	24.5	24.19999
10/12/2016 13:22:12	16.67571	16.69641	16.64869	763.296	763.3	763.2	24.82613	25	24.59999
10/12/2016 13:27:12	16.67571	16.69641	16.64869	763.296	763.3	763.2	24.82613	25	24.59999
10/12/2016 13:32:12	16.67535	16.69318	16.65558	763.2657	763.3	763.1	25.07078	25.09999	25
10/12/2016 13:37:12	16.67535	16.69318	16.65558	763.2657	763.3	763.1	25.07078	25.09999	25
10/12/2016 13:42:12	16.67563	16.69318	16.65736	763.1121	763.2	763.1	25.1815	25.4	25.09999
10/12/2016 13:47:12	16.67563	16.69318	16.65736	763.1121	763.2	763.1	25.1815	25.4	25.09999
10/12/2016 13:52:12	16.67485	16.70028	16.6594	763.1483	763.3	763.1	25.42413	25.59999	25.19999
10/12/2016 13:57:12	16.67429	16.69682	16.65594	763.1	763.1	763.1	25.8151	26	25.69999
10/12/2016 14:02:12	16.67429	16.69682	16.65594	763.1	763.1	763.1	25.8151	26	25.69999
10/12/2016 14:07:12	16.67441	16.69682	16.65594	763.1	763.1	763.1	25.83424	26	25.69999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 14:12:12	16.67504	16.69117	16.65594	763.1	763.1	763.1	25.72349	25.8	25.69999
10/12/2016 14:17:12	16.67504	16.69117	16.65594	763.1	763.1	763.1	25.72349	25.8	25.69999
10/12/2016 14:22:12	16.67383	16.70044	16.6539	763.0416	763.1	763	25.71005	25.8	25.59999
10/12/2016 14:27:12	16.67383	16.70044	16.6539	763.0416	763.1	763	25.71005	25.8	25.59999
10/12/2016 14:32:12	16.67401	16.70187	16.6489	763.0171	763.1	762.9	25.76709	26	25.69999
10/12/2016 14:37:12	16.67637	16.68914	16.66089	762.999	763	762.9	25.71007	25.8	25.69999
10/12/2016 14:42:12	16.67636	16.69698	16.65954	762.9571	763	762.8	25.68657	25.69999	25.59999
10/12/2016 14:47:12	16.67419	16.69636	16.65544	762.8242	763	762.8	25.73725	26	25.69999
10/12/2016 14:52:12	16.67273	16.70546	16.65602	762.8799	763	762.8	26.01604	26.19999	25.69999
10/12/2016 14:57:12	16.6742	16.68993	16.64477	762.9	762.9	762.9	26.09231	26.19999	26
10/12/2016 15:02:12	16.67516	16.69698	16.65044	762.9302	763	762.9	25.97919	26	25.8
10/12/2016 15:07:12	16.67488	16.69698	16.65608	762.9	762.9	762.9	25.83319	26	25.69999
10/12/2016 15:12:12	16.67488	16.69698	16.65608	762.9	762.9	762.9	25.83319	26	25.69999
10/12/2016 15:17:12	16.67465	16.68711	16.6575	762.9141	763	762.9	25.7339	26	25.69999
10/12/2016 15:22:12	16.67518	16.69495	16.65968	762.8648	762.9	762.8	25.70806	25.8	25.59999
10/12/2016 15:27:12	16.67518	16.69495	16.65968	762.8648	762.9	762.8	25.70806	25.8	25.59999
10/12/2016 15:32:12	0	0	0	762.8	762.8	762.8	25.70335	25.8	25.59999
10/12/2016 15:37:12	0	0	0	762.8	762.8	762.8	25.70335	25.8	25.59999
10/12/2016 15:42:12	0	0	0	762.896	762.9	762.8	25.96614	26.09999	25.69999
10/12/2016 15:47:12	0	0	0	762.8228	762.9	762.7	26.0406	26.09999	26
10/12/2016 15:52:12	0	0	0	762.8413	762.9	762.7	26.09698	26.19999	26
10/12/2016 15:57:12	0	0	0	762.8171	762.9	762.8	26.07111	26.19999	25.8
10/12/2016 16:02:12	0	0	0	762.7906	762.8	762.7	25.7389	26	25.59999
10/12/2016 16:07:12	0	0	0	762.709	762.8	762.7	25.55568	25.69999	25.4
10/12/2016 16:12:12	0	0	0	762.7	762.7	762.7	25.21778	25.5	25
10/12/2016 16:17:12	0	0	0	762.6372	762.7	762.6	24.96845	25.09999	24.8
10/12/2016 16:22:12	0	0	0	762.6	762.6	762.6	24.62962	24.9	24.5
10/12/2016 16:27:12	0	0	0	762.6	762.6	762.6	24.48521	24.59999	24.4
10/12/2016 16:32:12	0	0	0	762.5986	762.6	762.5	24.34913	24.5	24.3
10/12/2016 16:37:12	0	0	0	762.5142	762.6	762.5	24.39124	24.5	24.3
10/12/2016 16:42:12	0	0	0	762.5	762.5	762.5	24.42694	24.5	24.3
10/12/2016 16:47:12	0	0	0	762.5	762.5	762.5	24.44074	24.5	24.4
10/12/2016 16:52:12	0	0	0	762.5	762.5	762.5	24.45925	24.5	24.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 16:57:12	0	0	0	762.499	762.5	762.4	24.43702	24.5	24.4
10/12/2016 17:02:12	0	0	0	762.4047	762.5	762.4	24.4441	24.5	24.3
10/12/2016 17:07:12	6.48354	16.71509	0	762.3291	762.4	762.2	24.35622	24.5	24.19999
10/12/2016 17:12:12	16.6808	16.70522	16.65806	762.1579	762.3	762.1	24.24614	24.3	24
10/12/2016 17:17:12	16.67609	16.69754	16.6552	762.1185	762.2	762.1	24.12049	24.3	24
10/12/2016 17:22:12	16.67462	16.69097	16.65478	762.3239	762.4	762.2	23.98987	24.19999	23.9
10/12/2016 17:27:12	16.67425	16.70173	16.65872	762.4374	762.5	762.4	23.83735	24	23.69999
10/12/2016 17:32:12	16.67532	16.69231	16.65305	762.4572	762.5	762.3	23.65923	23.69999	23.59999
10/12/2016 17:37:12	16.67567	16.70495	16.64841	762.4105	762.5	762.3	23.2899	23.4	23.19999
10/12/2016 17:42:12	16.67567	16.70495	16.64841	762.4105	762.5	762.3	23.2899	23.4	23.19999
10/12/2016 17:47:12	16.67535	16.69548	16.66039	762.4269	762.5	762.4	23.10363	23.3	23
10/12/2016 17:52:12	16.67758	16.68819	16.65881	762.3889	762.4	762.3	22.83732	23	22.69999
10/12/2016 17:57:12	16.67758	16.68819	16.65881	762.3889	762.4	762.3	22.83732	23	22.69999
10/12/2016 18:02:12	16.67529	16.68819	16.66292	762.4	762.4	762.4	22.60971	22.69999	22.5
10/12/2016 18:07:12	16.67529	16.68819	16.66292	762.4	762.4	762.4	22.60971	22.69999	22.5
10/12/2016 18:12:12	16.6717	16.69065	16.65913	762.4121	762.5	762.4	22.53368	22.59999	22.4
10/12/2016 18:17:12	16.67278	16.70206	16.66131	762.4	762.4	762.4	22.4188	22.5	22.19999
10/12/2016 18:22:12	16.67363	16.69473	16.66377	762.4125	762.5	762.4	22.26804	22.4	22.09999
10/12/2016 18:27:12	16.67484	16.68518	16.664	762.496	762.5	762.4	21.96931	22	21.9
10/12/2016 18:32:12	16.67484	16.68518	16.664	762.496	762.5	762.4	21.96931	22	21.9
10/12/2016 18:37:12	16.6753	16.69495	16.65424	762.5	762.5	762.5	21.84163	22	21.59999
10/12/2016 18:42:12	16.67467	16.69732	16.65258	762.5	762.5	762.5	21.48481	21.59999	21.4
10/12/2016 18:47:12	16.67467	16.69732	16.65258	762.5	762.5	762.5	21.48481	21.59999	21.4
10/12/2016 18:52:12	16.67287	16.68756	16.66234	762.499	762.5	762.4	21.36258	21.5	21.3
10/12/2016 18:57:12	16.67171	16.7111	16.65897	762.4986	762.5	762.4	21.09764	21.3	20.9
10/12/2016 19:02:12	16.67171	16.7111	16.65897	762.4986	762.5	762.4	21.09764	21.3	20.9
10/12/2016 19:07:12	16.67264	16.69209	16.65141	762.4	762.4	762.4	20.89527	21	20.69999
10/12/2016 19:12:12	16.67371	16.69038	16.64972	762.4	762.4	762.4	20.63232	20.69999	20.59999
10/12/2016 19:17:12	16.67371	16.69038	16.64972	762.4	762.4	762.4	20.63232	20.69999	20.59999
10/12/2016 19:22:12	16.67455	16.69265	16.65373	762.4011	762.5	762.4	20.35988	20.59999	20.3
10/12/2016 19:27:12	16.67455	16.69265	16.65373	762.4011	762.5	762.4	20.35988	20.59999	20.3
10/12/2016 19:32:12	16.67712	16.68915	16.66	762.4	762.4	762.4	20.15924	20.3	20.09999
10/12/2016 19:37:12	16.67712	16.68915	16.66	762.4	762.4	762.4	20.15924	20.3	20.09999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 19:42:12	16.67703	16.68915	16.66398	762.4	762.4	762.4	20.03231	20.09999	20
10/12/2016 19:47:12	16.67459	16.68915	16.66398	762.4	762.4	762.4	19.95292	20	19.69999
10/12/2016 19:52:12	16.67627	16.69668	16.66	762.4196	762.5	762.4	19.67643	19.69999	19.59999
10/12/2016 19:57:12	16.67627	16.69668	16.66	762.4196	762.5	762.4	19.67643	19.69999	19.59999
10/12/2016 20:02:12	16.67601	16.68696	16.66179	762.4913	762.5	762.4	19.59526	19.69999	19.5
10/12/2016 20:07:12	16.67566	16.68696	16.65781	762.5	762.5	762.5	19.53904	19.59999	19.4
10/12/2016 20:12:12	16.67261	16.69051	16.65164	762.5851	762.6	762.5	19.3899	19.5	19.19999
10/12/2016 20:17:12	16.67261	16.69051	16.65164	762.5851	762.6	762.5	19.3899	19.5	19.19999
10/12/2016 20:22:12	16.67512	16.69542	16.6548	762.8691	762.9	762.8	19.27822	19.4	19.09999
10/12/2016 20:27:12	16.67473	16.69542	16.6548	762.9	762.9	762.9	19.24438	19.4	19.19999
10/12/2016 20:32:12	16.67668	16.68792	16.6548	762.9	762.9	762.9	19.18988	19.19999	19.09999
10/12/2016 20:37:12	16.67668	16.68792	16.6548	762.9	762.9	762.9	19.18988	19.19999	19.09999
10/12/2016 20:42:12	16.67464	16.68792	16.66276	762.9	762.9	762.9	19.19327	19.19999	19.09999
10/12/2016 20:47:12	16.67328	16.68792	16.66276	762.9	762.9	762.9	19.07806	19.19999	19
10/12/2016 20:52:12	16.67328	16.68792	16.66276	762.9	762.9	762.9	19.07806	19.19999	19
10/12/2016 20:57:12	16.67666	16.68833	16.65921	762.8	762.8	762.8	19	19.09999	18.9
10/12/2016 21:02:12	16.67666	16.68833	16.65921	762.8	762.8	762.8	19	19.09999	18.9
10/12/2016 21:07:12	16.67645	16.68833	16.65703	762.8485	762.9	762.8	19	19.09999	18.9
10/12/2016 21:12:12	16.67654	16.68833	16.65703	762.8458	762.9	762.8	18.96262	19	18.9
10/12/2016 21:17:12	16.67282	16.69228	16.64952	762.838	762.9	762.8	18.95383	19	18.9
10/12/2016 21:22:12	16.67305	16.69447	16.6517	762.7401	762.8	762.7	18.88991	18.9	18.8
10/12/2016 21:27:12	16.67361	16.69052	16.6614	762.7	762.7	762.7	18.89327	18.9	18.8
10/12/2016 21:32:12	16.67361	16.69052	16.6614	762.7	762.7	762.7	18.89327	18.9	18.8
10/12/2016 21:37:12	16.67556	16.69052	16.65389	762.769	762.8	762.7	18.87981	18.9	18.8
10/12/2016 21:42:12	16.67449	16.69188	16.66276	762.8903	762.9	762.8	18.86513	18.9	18.59999
10/12/2016 21:47:12	16.675	16.69408	16.66673	762.8198	762.9	762.8	18.77978	18.9	18.59999
10/12/2016 21:52:12	16.675	16.69408	16.66673	762.8198	762.9	762.8	18.77978	18.9	18.59999
10/12/2016 21:57:12	16.67683	16.69803	16.66673	762.8118	762.9	762.8	18.73863	18.9	18.59999
10/12/2016 22:02:12	16.67517	16.69365	16.66455	762.9848	763	762.9	18.65448	18.9	18.59999
10/12/2016 22:07:12	16.67517	16.69365	16.66455	762.9848	763	762.9	18.65448	18.9	18.59999
10/12/2016 22:12:12	16.67433	16.68614	16.66276	762.9	762.9	762.9	18.60759	18.8	18.59999
10/12/2016 22:17:12	16.67433	16.68614	16.66276	762.9	762.9	762.9	18.60759	18.8	18.59999
10/12/2016 22:22:12	16.67582	16.68614	16.66276	762.9	762.9	762.9	18.59055	18.8	18.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 22:27:12	16.67635	16.69584	16.65921	762.9	762.9	762.9	18.55245	18.59999	18.4
10/12/2016 22:32:12	16.67635	16.69584	16.65921	762.9	762.9	762.9	18.55245	18.59999	18.4
10/12/2016 22:37:12	16.67624	16.69799	16.65921	762.9	762.9	762.9	18.52732	18.59999	18.5
10/12/2016 22:42:12	16.67348	16.6883	16.66316	762.9	762.9	762.9	18.4953	18.59999	18.4
10/12/2016 22:47:12	16.67372	16.69223	16.65742	762.9	762.9	762.9	18.46252	18.5	18.4
10/12/2016 22:52:12	16.67372	16.69223	16.65742	762.9	762.9	762.9	18.46252	18.5	18.4
10/12/2016 22:57:12	16.67457	16.69836	16.6596	762.8572	762.9	762.8	18.4	18.4	18.4
10/12/2016 23:02:12	16.6744	16.6883	16.66316	762.9	762.9	762.9	18.36258	18.4	18.3
10/12/2016 23:07:12	16.67404	16.69617	16.66316	762.9	762.9	762.9	18.34077	18.4	18.3
10/12/2016 23:12:12	16.67404	16.69617	16.66316	762.9	762.9	762.9	18.34077	18.4	18.3
10/12/2016 23:17:12	16.67356	16.68648	16.6671	762.9	762.9	762.9	18.31547	18.4	18.3
10/12/2016 23:22:12	16.67356	16.68648	16.6671	762.9	762.9	762.9	18.31547	18.4	18.3
10/12/2016 23:27:12	16.67259	16.69041	16.66135	762.9	762.9	762.9	18.28522	18.3	18
10/12/2016 23:32:12	16.67259	16.69041	16.66135	762.9	762.9	762.9	18.28522	18.3	18
10/12/2016 23:37:12	16.67199	16.69442	16.66135	762.8774	762.9	762.8	18.27038	18.3	18
10/12/2016 23:42:12	16.67531	16.68473	16.65565	762.8	762.8	762.8	18.22013	18.3	18
10/12/2016 23:47:12	16.67531	16.68473	16.65565	762.8	762.8	762.8	18.22013	18.3	18
10/12/2016 23:52:12	16.67366	16.69048	16.65347	762.8347	762.9	762.8	18.19034	18.3	18
10/12/2016 23:57:12	16.673	16.68473	16.65347	762.892	762.9	762.8	18.16162	18.3	18
10/13/2016 00:02:12	16.6748	16.68473	16.65347	762.8217	762.9	762.8	18.10154	18.3	18
10/13/2016 00:07:12	16.673	16.6883	16.65167	762.9	762.9	762.9	18.06475	18.3	18
10/13/2016 00:12:12	16.67364	16.69433	16.65561	762.9	762.9	762.9	18.07128	18.19999	18
10/13/2016 00:17:12	16.67499	16.69433	16.66346	762.8764	762.9	762.8	18.08409	18.3	17.9
10/13/2016 00:22:12	16.67615	16.69652	16.66346	762.8027	762.9	762.8	18.05381	18.19999	18
10/13/2016 00:27:12	16.67524	16.69467	16.66346	762.8246	762.9	762.8	18.02779	18.19999	18
10/13/2016 00:32:12	16.67523	16.68672	16.66346	762.9	762.9	762.9	18	18	18
10/13/2016 00:37:12	16.67523	16.68672	16.66346	762.9	762.9	762.9	18	18	18
10/13/2016 00:42:12	16.67534	16.69248	16.66737	762.9	762.9	762.9	17.99327	18.19999	17.9
10/13/2016 00:47:12	16.67448	16.69248	16.6577	762.9	762.9	762.9	17.93564	18	17.8
10/13/2016 00:52:12	16.67448	16.69248	16.6577	762.9	762.9	762.9	17.93564	18	17.8
10/13/2016 00:57:12	16.67665	16.69639	16.66737	762.9	762.9	762.9	17.92018	18	17.9
10/13/2016 01:02:12	16.6742	16.69433	16.65379	762.9	762.9	762.9	17.9	17.9	17.9
10/13/2016 01:07:12	16.67389	16.69433	16.64411	762.9	762.9	762.9	17.90672	18	17.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 01:12:12	16.67412	16.69433	16.65379	762.9	762.9	762.9	17.89664	18	17.8
10/13/2016 01:17:12	16.67437	16.69433	16.64803	762.8754	762.9	762.8	17.88947	17.9	17.8
10/13/2016 01:22:12	16.67818	16.68891	16.65597	762.808	762.9	762.8	17.82848	17.9	17.69999
10/13/2016 01:27:12	16.6751	16.69433	16.64803	762.8963	762.9	762.8	17.82106	17.9	17.69999
10/13/2016 01:32:12	16.6751	16.69433	16.64803	762.8963	762.9	762.8	17.82106	17.9	17.69999
10/13/2016 01:37:12	16.67589	16.68672	16.65379	762.9	762.9	762.9	17.83117	17.9	17.69999
10/13/2016 01:42:12	16.67446	16.69433	16.65379	762.9	762.9	762.9	17.7928	17.9	17.69999
10/13/2016 01:47:12	16.67446	16.69433	16.65379	762.9	762.9	762.9	17.7928	17.9	17.69999
10/13/2016 01:52:12	16.67389	16.68465	16.65379	762.9	762.9	762.9	17.75138	17.9	17.69999
10/13/2016 01:57:12	16.67444	16.69433	16.65379	762.9	762.9	762.9	17.75443	17.9	17.69999
10/13/2016 02:02:12	16.67397	16.69433	16.64411	762.9	762.9	762.9	17.72015	17.9	17.69999
10/13/2016 02:07:12	16.67397	16.69433	16.64411	762.9	762.9	762.9	17.72015	17.9	17.69999
10/13/2016 02:12:12	16.67398	16.69248	16.65379	762.9	762.9	762.9	17.72017	17.8	17.69999
10/13/2016 02:17:12	16.67408	16.69433	16.65379	762.9	762.9	762.9	17.72691	17.9	17.69999
10/13/2016 02:22:12	16.67394	16.69433	16.65561	762.9	762.9	762.9	17.72017	17.9	17.59999
10/13/2016 02:27:12	16.67394	16.69433	16.65561	762.9	762.9	762.9	17.72017	17.9	17.59999
10/13/2016 02:32:12	16.67585	16.69248	16.65586	762.9	762.9	762.9	17.72691	17.9	17.69999
10/13/2016 02:37:12	16.67585	16.69248	16.65586	762.9	762.9	762.9	17.72691	17.9	17.69999
10/13/2016 02:42:12	16.67425	16.68875	16.66553	762.9521	763	762.9	17.71009	17.8	17.69999
10/13/2016 02:47:12	16.67425	16.68875	16.66553	762.9521	763	762.9	17.71009	17.8	17.69999
10/13/2016 02:52:12	16.67594	16.68875	16.65586	762.9	762.9	762.9	17.68991	17.8	17.59999
10/13/2016 02:57:12	16.67729	16.68875	16.66553	762.898	762.9	762.8	17.64754	17.69999	17.59999
10/13/2016 03:02:12	16.67729	16.68875	16.66553	762.898	762.9	762.8	17.64754	17.69999	17.59999
10/13/2016 03:07:12	16.67626	16.68704	16.65586	762.84	762.9	762.8	17.59661	17.69999	17.4
10/13/2016 03:12:12	16.67626	16.68704	16.65586	762.84	762.9	762.8	17.59661	17.69999	17.4
10/13/2016 03:17:12	16.67686	16.68704	16.65228	762.8	762.8	762.8	17.58991	17.69999	17.4
10/13/2016 03:22:12	16.67648	16.68704	16.65805	762.8	762.8	762.8	17.5318	17.59999	17.4
10/13/2016 03:27:12	16.67752	16.68704	16.65805	762.802	762.9	762.8	17.53549	17.59999	17.4
10/13/2016 03:32:12	16.67735	16.69652	16.65597	762.8	762.8	762.8	17.60668	17.69999	17.4
10/13/2016 03:37:12	16.67735	16.69652	16.65597	762.8	762.8	762.8	17.60668	17.69999	17.4
10/13/2016 03:42:12	16.6768	16.69652	16.65597	762.8	762.8	762.8	17.71442	17.9	17.69999
10/13/2016 03:47:12	16.6768	16.69652	16.65597	762.8	762.8	762.8	17.71442	17.9	17.69999
10/13/2016 03:52:12	16.67401	16.69223	16.65561	762.9	762.9	762.9	17.93746	18	17.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 03:57:12	16.67401	16.69223	16.65561	762.9	762.9	762.9	17.93746	18	17.9
10/13/2016 04:02:12	16.67436	16.69223	16.66316	762.8869	762.9	762.8	18.20317	18.3	18
10/13/2016 04:07:12	16.67436	16.69223	16.66316	762.8869	762.9	762.8	18.20317	18.3	18
10/13/2016 04:12:12	16.67447	16.68473	16.65565	762.8016	762.9	762.8	18.33411	18.4	18.3
10/13/2016 04:17:12	16.67562	16.69442	16.6596	762.8	762.8	762.8	18.40717	18.5	18.3
10/13/2016 04:22:12	16.67564	16.68867	16.6614	762.8	762.8	762.8	18.5375	18.59999	18.4
10/13/2016 04:27:12	16.67616	16.68473	16.6596	762.8	762.8	762.8	18.69184	18.9	18.59999
10/13/2016 04:32:12	16.67515	16.69086	16.66179	762.7178	762.8	762.7	18.8543	18.9	18.59999
10/13/2016 04:37:12	16.675	16.68692	16.65604	762.7	762.7	762.7	18.96775	19	18.9
10/13/2016 04:42:12	16.675	16.68692	16.65604	762.7	762.7	762.7	18.96775	19	18.9
10/13/2016 04:47:12	16.67596	16.69479	16.6503	762.7	762.7	762.7	19.06485	19.19999	19
10/13/2016 04:52:12	16.67596	16.69479	16.6503	762.7	762.7	762.7	19.06485	19.19999	19
10/13/2016 04:57:12	16.67666	16.69479	16.65998	762.7	762.7	762.7	19.13609	19.19999	19
10/13/2016 05:02:12	16.67616	16.69479	16.65998	762.7	762.7	762.7	19.18654	19.19999	19.09999
10/13/2016 05:07:12	16.67576	16.6851	16.66572	762.7	762.7	762.7	19.19276	19.19999	19.09999
10/13/2016 05:12:12	16.67383	16.6926	16.66354	762.8	762.8	762.8	19.22015	19.4	19.19999
10/13/2016 05:17:12	16.67383	16.6926	16.66354	762.8	762.8	762.8	19.22015	19.4	19.19999
10/13/2016 05:22:12	16.67418	16.68867	16.66354	762.8	762.8	762.8	19.22686	19.4	19.19999
10/13/2016 05:27:12	16.67418	16.68867	16.66354	762.8	762.8	762.8	19.22686	19.4	19.19999
10/13/2016 05:32:12	16.67514	16.69442	16.66354	762.8	762.8	762.8	19.24801	19.4	19.19999
10/13/2016 05:37:12	16.67309	16.68291	16.65167	762.8585	762.9	762.8	19.29241	19.4	19.19999
10/13/2016 05:42:12	16.67228	16.69041	16.65779	762.8766	762.9	762.8	19.32504	19.4	19.19999
10/13/2016 05:47:12	16.67228	16.69041	16.65779	762.8766	762.9	762.8	19.32504	19.4	19.19999
10/13/2016 05:52:12	16.67595	16.69442	16.6596	762.8	762.8	762.8	19.35293	19.4	19.19999
10/13/2016 05:57:12	16.67595	16.69442	16.6596	762.8	762.8	762.8	19.35293	19.4	19.19999
10/13/2016 06:02:12	16.674	16.69223	16.65347	762.9	762.9	762.9	19.38926	19.4	19.19999
10/13/2016 06:07:12	16.674	16.69223	16.65347	762.9	762.9	762.9	19.38926	19.4	19.19999
10/13/2016 06:12:12	16.67573	16.6883	16.65921	762.9	762.9	762.9	19.40672	19.5	19.4
10/13/2016 06:17:12	16.67573	16.6883	16.65921	762.9	762.9	762.9	19.40672	19.5	19.4
10/13/2016 06:22:12	16.67304	16.6883	16.65347	762.9	762.9	762.9	19.39662	19.5	19.19999
10/13/2016 06:27:12	16.67325	16.6883	16.65347	762.9	762.9	762.9	19.40672	19.5	19.4
10/13/2016 06:32:12	16.67345	16.6883	16.65347	762.8929	762.9	762.8	19.4	19.4	19.4
10/13/2016 06:37:12	16.67343	16.68648	16.65742	762.9	762.9	762.9	19.39664	19.5	19.19999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 06:42:12	16.67337	16.69223	16.65742	762.9	762.9	762.9	19.39327	19.4	19.19999
10/13/2016 06:47:12	16.67375	16.69223	16.65742	762.9	762.9	762.9	19.38992	19.5	19.19999
10/13/2016 06:52:12	16.67326	16.69041	16.65561	762.9	762.9	762.9	19.29812	19.4	19.19999
10/13/2016 06:57:12	16.67326	16.69041	16.65561	762.9	762.9	762.9	19.29812	19.4	19.19999
10/13/2016 07:02:12	16.6748	16.68465	16.66346	762.9	762.9	762.9	19.22689	19.4	19.19999
10/13/2016 07:07:12	16.6748	16.68465	16.66346	762.9	762.9	762.9	19.22689	19.4	19.19999
10/13/2016 07:12:12	16.67464	16.69433	16.66346	762.9	762.9	762.9	19.19663	19.19999	19.09999
10/13/2016 07:17:12	16.67471	16.68465	16.65379	762.9	762.9	762.9	19.18991	19.19999	19.09999
10/13/2016 07:22:12	16.67439	16.69433	16.66128	762.9031	763	762.9	19.06114	19.19999	19
10/13/2016 07:27:12	16.67439	16.69433	16.66128	762.9031	763	762.9	19.06114	19.19999	19
10/13/2016 07:32:12	16.67445	16.69433	16.65561	762.9	762.9	762.9	19.01009	19.09999	18.9
10/13/2016 07:37:12	16.67499	16.69005	16.65917	762.9454	763	762.9	18.99328	19	18.9
10/13/2016 07:42:12	16.67599	16.6897	16.65484	763	763	763	19.00336	19.19999	18.9
10/13/2016 07:47:12	16.67599	16.6897	16.65484	763	763	763	19.00336	19.19999	18.9
10/13/2016 07:52:12	16.67418	16.68573	16.6566	763	763	763	19.25481	19.4	19.09999
10/13/2016 07:57:12	16.67418	16.68573	16.6566	763	763	763	19.25481	19.4	19.09999
10/13/2016 08:02:12	16.67487	16.69323	16.66233	763	763	763	19.41055	19.5	19.19999
10/13/2016 08:07:12	16.67621	16.69625	16.6556	763.1	763.1	763.1	19.7924	20	19.69999
10/13/2016 08:12:12	16.67621	16.69625	16.6556	763.1	763.1	763.1	19.7924	20	19.69999
10/13/2016 08:17:12	16.67655	16.69223	16.66301	763.1	763.1	763.1	20.0615	20.19999	20
10/13/2016 08:22:12	16.67613	16.69393	16.65679	763.1287	763.2	763.1	20.30468	20.4	20.09999
10/13/2016 08:27:12	16.67511	16.68753	16.6623	763.1	763.1	763.1	20.84272	21	20.59999
10/13/2016 08:32:12	16.67784	16.69489	16.66175	763.105	763.2	763.1	21.15615	21.4	20.9
10/13/2016 08:37:12	16.67784	16.69489	16.66175	763.105	763.2	763.1	21.15615	21.4	20.9
10/13/2016 08:42:12	16.67621	16.70222	16.65769	763.1474	763.2	763.1	21.42254	21.59999	21.19999
10/13/2016 08:47:12	16.67603	16.69652	16.66175	763.1882	763.2	763.1	21.60105	21.9	21.4
10/13/2016 08:52:12	16.67504	16.68939	16.66175	763.2288	763.3	763.2	21.90861	22	21.59999
10/13/2016 08:57:12	16.67647	16.69457	16.65957	763.302	763.4	763.3	22.04085	22.09999	22
10/13/2016 09:02:12	16.67398	16.69073	16.65595	763.4641	763.5	763.3	22.22698	22.4	22
10/13/2016 09:07:12	16.67398	16.69073	16.65595	763.4641	763.5	763.3	22.22698	22.4	22
10/13/2016 09:12:12	16.67485	16.70114	16.65999	763.4198	763.5	763.4	21.70346	21.9	21.59999
10/13/2016 09:17:12	16.67485	16.70114	16.65999	763.4198	763.5	763.4	21.70346	21.9	21.59999
10/13/2016 09:22:12	16.67437	16.68737	16.65999	763.4188	763.5	763.4	21.76914	21.9	21.59999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 09:27:12	16.67437	16.68737	16.65999	763.4188	763.5	763.4	21.76914	21.9	21.59999
10/13/2016 09:32:12	16.67436	16.69139	16.65999	763.4208	763.5	763.3	21.68238	21.9	21.59999
10/13/2016 09:37:12	16.67329	16.69139	16.65025	763.4202	763.5	763.3	21.71266	21.9	21.59999
10/13/2016 09:42:12	16.67731	16.6892	16.65243	763.4702	763.5	763.4	21.67796	21.8	21.59999
10/13/2016 09:47:12	16.67765	16.69493	16.65999	763.437	763.5	763.4	21.68174	21.9	21.59999
10/13/2016 09:52:12	16.67358	16.69973	16.66063	763.4167	763.5	763.4	21.84358	21.9	21.59999
10/13/2016 09:57:12	16.67358	16.69973	16.66063	763.4167	763.5	763.4	21.84358	21.9	21.59999
10/13/2016 10:02:12	16.67409	16.69224	16.65715	763.4017	763.5	763.4	22.01733	22.09999	22
10/13/2016 10:07:12	16.67409	16.69224	16.65715	763.4017	763.5	763.4	22.01733	22.09999	22
10/13/2016 10:12:12	16.6754	16.69224	16.64735	763.4	763.4	763.4	22.28644	22.5	22.09999
10/13/2016 10:17:12	16.67597	16.68966	16.65606	763.4	763.4	763.4	22.51533	22.69999	22.4
10/13/2016 10:22:12	16.6756	16.69948	16.6552	763.3299	763.4	763.3	22.7299	23	22.59999
10/13/2016 10:27:12	16.67558	16.68923	16.66392	763.3	763.3	763.3	23.32877	23.59999	23.19999
10/13/2016 10:32:12	16.67558	16.68923	16.66392	763.3	763.3	763.3	23.32877	23.59999	23.19999
10/13/2016 10:37:12	16.67611	16.69753	16.66088	763.3	763.3	763.3	23.88456	24	23.69999
10/13/2016 10:42:12	16.67611	16.69753	16.66088	763.3	763.3	763.3	23.88456	24	23.69999
10/13/2016 10:47:12	16.67508	16.69534	16.65191	763.3728	763.4	763.3	24.15902	24.3	24
10/13/2016 10:52:12	16.67508	16.69534	16.65191	763.3728	763.4	763.3	24.15902	24.3	24
10/13/2016 10:57:12	16.67547	16.69792	16.65191	763.3701	763.4	763.3	24.20336	24.3	24
10/13/2016 11:02:12	16.67547	16.69792	16.65191	763.3701	763.4	763.3	24.20336	24.3	24
10/13/2016 11:07:12	16.67738	16.71498	16.66143	763.3208	763.4	763.3	24.11596	24.3	24
10/13/2016 11:12:12	16.67458	16.69026	16.65863	763.3732	763.4	763.3	24.38848	24.5	24.3
10/13/2016 11:17:12	16.67458	16.69026	16.65863	763.3732	763.4	763.3	24.38848	24.5	24.3
10/13/2016 11:22:12	16.67601	16.69866	16.65925	763.4	763.4	763.4	24.53753	24.59999	24.5
10/13/2016 11:27:12	16.67601	16.69866	16.65925	763.397	763.4	763.3	24.71599	24.9	24.59999
10/13/2016 11:32:12	16.67621	16.70651	16.65925	763.3325	763.4	763.3	24.94479	25.09999	24.9
10/13/2016 11:37:12	16.67516	16.69572	16.6534	763.4	763.4	763.4	25.13222	25.19999	25
10/13/2016 11:42:12	16.67516	16.69572	16.6534	763.4	763.4	763.4	25.13222	25.19999	25
10/13/2016 11:47:12	16.67497	16.6953	16.65579	763.3	763.3	763.3	25.08656	25.09999	25
10/13/2016 11:52:12	16.67497	16.6953	16.65579	763.3	763.3	763.3	25.08656	25.09999	25
10/13/2016 11:57:12	16.67498	16.69465	16.66142	763.2592	763.3	763.2	25.22353	25.4	25.09999
10/13/2016 12:02:12	16.67498	16.69465	16.66142	763.2592	763.3	763.2	25.22353	25.4	25.09999
10/13/2016 12:07:12	16.67497	16.6974	16.6578	763.2	763.2	763.2	25.47045	25.59999	25.19999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 12:12:12	16.67522	16.69968	16.65998	763.101	763.2	763.1	25.75208	26	25.59999
10/13/2016 12:17:12	16.67522	16.69968	16.65998	763.101	763.2	763.1	25.75208	26	25.59999
10/13/2016 12:22:12	16.67592	16.68969	16.66291	763.1	763.1	763.1	26.02069	26.19999	25.8
10/13/2016 12:27:12	16.67307	16.6904	16.65083	763.1368	763.2	763.1	26.21594	26.4	26.09999
10/13/2016 12:32:12	16.67528	16.70742	16.65226	763.0339	763.1	763	26.44545	26.59999	26.3
10/13/2016 12:37:12	16.67528	16.70742	16.65226	763.0339	763.1	763	26.44545	26.59999	26.3
10/13/2016 12:42:12	16.67538	16.69323	16.65445	762.9886	763.1	762.9	26.60671	26.69999	26.59999
10/13/2016 12:47:12	16.67538	16.69323	16.65445	762.9886	763.1	762.9	26.60671	26.69999	26.59999
10/13/2016 12:52:12	16.67675	16.69834	16.64967	762.838	762.9	762.8	26.302	26.4	26.19999
10/13/2016 12:57:12	16.67675	16.69834	16.64967	762.838	762.9	762.8	26.302	26.4	26.19999
10/13/2016 13:02:12	16.6722	16.69034	16.64374	762.7722	762.8	762.7	26.57298	26.69999	26.4
10/13/2016 13:07:12	16.6722	16.69034	16.64374	762.7722	762.8	762.7	26.57298	26.69999	26.4
10/13/2016 13:12:12	16.67505	16.69171	16.6541	762.6692	762.7	762.6	26.91738	27	26.69999
10/13/2016 13:17:11	16.67505	16.69171	16.6541	762.6692	762.7	762.6	26.91738	27	26.69999
10/13/2016 13:22:12	16.6737	16.69645	16.66021	762.5263	762.6	762.4	27.27589	27.3	27.19999
10/13/2016 13:27:11	16.6737	16.69645	16.66021	762.5263	762.6	762.4	27.27589	27.3	27.19999
10/13/2016 13:32:12	16.67589	16.69511	16.65975	762.4292	762.5	762.4	27.16858	27.3	27
10/13/2016 13:37:11	16.67537	16.70136	16.65163	762.2149	762.5	762.1	27.04145	27.19999	27
10/13/2016 13:42:12	16.67492	16.69923	16.65386	762.0254	762.1	761.9	27.13677	27.3	27
10/13/2016 13:47:12	16.6755	16.70179	16.65386	762.0309	762.1	762	27.32688	27.5	27.3
10/13/2016 13:52:11	16.6755	16.70179	16.65386	762.0309	762.1	762	27.32688	27.5	27.3
10/13/2016 13:57:12	16.6745	16.70136	16.65637	762.0709	762.2	762	27.67908	27.9	27.5
10/13/2016 14:02:11	16.6745	16.70136	16.65637	762.0709	762.2	762	27.67908	27.9	27.5
10/13/2016 14:07:12	16.67601	16.69362	16.66122	762	762	762	27.6329	27.9	27.59999
10/13/2016 14:12:11	16.67682	16.69793	16.66251	761.9984	762	761.9	27.59327	27.59999	27.5
10/13/2016 14:17:12	16.67607	16.69238	16.65389	761.8	761.8	761.8	27.47313	27.5	27.3
10/13/2016 14:22:11	16.67607	16.69238	16.65389	761.8	761.8	761.8	27.47313	27.5	27.3
10/13/2016 14:27:11	16.67399	16.68842	16.65566	761.853	761.9	761.8	27.25524	27.5	27
10/13/2016 14:32:12	16.67304	16.69271	16.65172	761.8239	761.9	761.8	26.91757	27	26.69999
10/13/2016 14:37:11	16.675	16.69354	16.65256	761.7148	761.8	761.7	26.59009	26.69999	26.3
10/13/2016 14:42:12	16.67629	16.69793	16.64837	761.6616	761.7	761.5	26.2356	26.4	26.09999
10/13/2016 14:47:11	16.67629	16.69793	16.64837	761.6616	761.7	761.5	26.2356	26.4	26.09999
10/13/2016 14:52:11	16.67656	16.69852	16.65961	761.4668	761.5	761.4	26.18993	26.19999	26.09999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 14:57:11	16.67467	16.69633	16.651	761.505	761.6	761.5	26.32207	26.59999	26.19999
10/13/2016 15:02:12	16.67449	16.70671	16.65443	761.6207	761.7	761.5	26.765	26.9	26.59999
10/13/2016 15:07:11	16.67449	16.70671	16.65443	761.6207	761.7	761.5	26.765	26.9	26.59999
10/13/2016 15:12:12	16.67404	16.68791	16.6539	761.7	761.7	761.7	26.7913	26.9	26.59999
10/13/2016 15:17:11	16.67404	16.68791	16.6539	761.7	761.7	761.7	26.7913	26.9	26.59999
10/13/2016 15:22:12	16.67425	16.69863	16.65609	761.6121	761.7	761.6	26.54108	26.69999	26.3
10/13/2016 15:27:11	16.67425	16.69863	16.65609	761.6121	761.7	761.6	26.54108	26.69999	26.3
10/13/2016 15:32:12	16.67568	16.69299	16.6611	761.6167	761.7	761.6	26.12553	26.19999	26
10/13/2016 15:37:11	16.67568	16.69299	16.6611	761.6167	761.7	761.6	26.12553	26.19999	26
10/13/2016 15:42:12	16.67354	16.69441	16.65205	761.5963	761.6	761.5	25.90142	26	25.69999
10/13/2016 15:47:11	16.67354	16.69441	16.65205	761.5963	761.6	761.5	25.90142	26	25.69999
10/13/2016 15:52:11	16.67302	16.69018	16.65488	761.6	761.6	761.6	25.65377	25.8	25.5
10/13/2016 15:57:11	16.67487	16.70021	16.65064	761.5474	761.6	761.4	25.50488	25.59999	25.19999
10/13/2016 16:02:11	16.67498	16.69456	16.65076	761.39	761.5	761.3	25.46976	25.5	25.4
10/13/2016 16:07:11	16.67498	16.69456	16.65076	761.39	761.5	761.3	25.46976	25.5	25.4
10/13/2016 16:12:12	16.67778	16.6953	16.65501	761.3178	761.4	761.3	25.48992	25.59999	25.4
10/13/2016 16:17:11	16.67778	16.6953	16.65501	761.3178	761.4	761.3	25.48992	25.59999	25.4
10/13/2016 16:22:11	16.67749	16.6953	16.65858	761.3101	761.4	761.3	25.56505	25.69999	25.5
10/13/2016 16:27:11	16.67389	16.68827	16.66065	761.3712	761.4	761.3	25.61542	25.69999	25.5
10/13/2016 16:32:11	16.67339	16.70522	16.65643	761.3712	761.4	761.3	25.11151	25.4	24.9
10/13/2016 16:37:11	16.67339	16.70522	16.65643	761.3712	761.4	761.3	25.11151	25.4	24.9
10/13/2016 16:42:11	16.6751	16.68827	16.66145	761.3	761.3	761.3	24.92078	25	24.9
10/13/2016 16:47:11	16.67407	16.70522	16.65439	761.3	761.3	761.3	24.89866	25	24.8
10/13/2016 16:52:11	16.67542	16.69533	16.65439	761.3	761.3	761.3	24.84565	24.9	24.59999
10/13/2016 16:57:11	16.67522	16.69895	16.65156	761.247	761.3	761.2	24.66782	24.9	24.5
10/13/2016 17:02:11	8.66494	16.69752	0	761.2009	761.3	761.2	24.45975	24.59999	24.3
10/13/2016 17:07:11	8.66494	16.69752	0	761.2009	761.3	761.2	24.45975	24.59999	24.3
10/13/2016 17:12:11	0	0	0	761.1863	761.2	761.1	24.33418	24.4	24.19999
10/13/2016 17:17:11	0	0	0	761.1268	761.2	761.1	24.27513	24.4	24.19999
10/13/2016 17:22:11	0	0	0	761.2	761.2	761.2	24.0243	24.3	23.69999
10/13/2016 17:27:11	0	0	0	761.0359	761.1	761	23.34964	23.59999	23.3
10/13/2016 17:32:11	0	0	0	760.987	761.1	760.9	23.15041	23.3	23
10/13/2016 17:37:11	0	0	0	760.987	761.1	760.9	23.15041	23.3	23

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 17:42:11	0	0	0	760.9108	761	760.9	23.0235	23.09999	22.8
10/13/2016 17:47:11	0	0	0	760.9309	761	760.9	22.89742	23	22.69999
10/13/2016 17:52:11	0	0	0	760.8819	760.9	760.8	22.70736	23	22.5
10/13/2016 17:57:11	0	0	0	760.843	761	760.8	22.53896	22.59999	22.4
10/13/2016 18:02:11	0	0	0	760.8268	760.9	760.8	22.41207	22.5	22.4
10/13/2016 18:07:11	0	0	0	760.8077	760.9	760.8	22.17718	22.4	22
10/13/2016 18:12:11	0	0	0	760.801	760.9	760.8	22.06107	22.19999	22
10/13/2016 18:17:11	0	0	0	760.8	760.8	760.8	21.99936	22.09999	21.9
10/13/2016 18:22:11	0	0	0	760.7929	760.8	760.7	21.91277	22	21.8
10/13/2016 18:27:11	0	0	0	760.8091	760.9	760.8	21.71816	21.9	21.59999
10/13/2016 18:32:11	0	0	0	760.8091	760.9	760.8	21.71816	21.9	21.59999
10/13/2016 18:37:11	0	0	0	760.8	760.8	760.8	21.59664	21.8	21.5
10/13/2016 18:42:11	0	0	0	760.802	760.9	760.8	21.49195	21.59999	21.4
10/13/2016 18:47:11	0	0	0	760.8	760.8	760.8	21.3913	21.5	21.3
10/13/2016 18:52:11	0	0	0	760.7869	760.8	760.7	21.29664	21.4	21.19999
10/13/2016 18:57:11	0	0	0	760.8	760.8	760.8	21.17182	21.3	21
10/13/2016 19:02:11	0	0	0	760.8772	760.9	760.8	20.97652	21.19999	20.9
10/13/2016 19:07:11	0	0	0	760.9	760.9	760.9	20.87651	21	20.69999
10/13/2016 19:12:11	0	0	0	760.9	760.9	760.9	20.6906	20.9	20.59999
10/13/2016 19:17:11	6.34915	16.70547	0	760.9028	761	760.9	20.63424	20.69999	20.59999
10/13/2016 19:22:11	16.67346	16.69401	16.66086	760.9859	761	760.9	20.29196	20.59999	20.19999
10/13/2016 19:27:11	16.67346	16.69401	16.66086	760.9859	761	760.9	20.29196	20.59999	20.19999
10/13/2016 19:32:11	16.67182	16.68609	16.66086	761	761	761	20.17918	20.3	20
10/13/2016 19:37:11	16.67198	16.68609	16.6511	761	761	761	20.06576	20.09999	20
10/13/2016 19:42:11	16.67328	16.69413	16.66086	761.002	761.1	761	19.97856	20.09999	19.69999
10/13/2016 19:47:11	16.67571	16.68839	16.65916	761	761	761	19.72686	20	19.69999
10/13/2016 19:52:11	16.67571	16.68839	16.65916	761	761	761	19.72686	20	19.69999
10/13/2016 19:57:11	16.67395	16.69193	16.66269	761.0721	761.1	761	19.67984	19.69999	19.59999
10/13/2016 20:02:11	16.67381	16.69949	16.65307	761.1409	761.2	761.1	19.62215	19.69999	19.59999
10/13/2016 20:07:12	16.67263	16.69949	16.65307	761.2	761.2	761.2	19.5591	19.59999	19.5
10/13/2016 20:12:11	16.67263	16.69949	16.65307	761.2	761.2	761.2	19.5591	19.59999	19.5
10/13/2016 20:17:11	16.67322	16.68974	16.64734	761.2	761.2	761.2	19.49662	19.59999	19.4
10/13/2016 20:22:11	16.67315	16.69375	16.65307	761.2	761.2	761.2	19.42884	19.5	19.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 20:27:11	16.67315	16.69375	16.65307	761.2	761.2	761.2	19.42884	19.5	19.4
10/13/2016 20:32:11	16.67305	16.69375	16.65307	761.2	761.2	761.2	19.39666	19.5	19.19999
10/13/2016 20:37:11	16.67326	16.69375	16.65307	761.2	761.2	761.2	19.37989	19.4	19.19999
10/13/2016 20:42:11	16.6723	16.68401	16.66061	761.2188	761.3	761.2	19.33152	19.4	19.19999
10/13/2016 20:47:11	16.67162	16.68408	16.65488	761.2969	761.3	761.2	19.26844	19.4	19.19999
10/13/2016 20:52:11	16.67324	16.69381	16.66061	761.299	761.3	761.2	19.23082	19.4	19.19999
10/13/2016 20:57:11	16.67487	16.68982	16.65488	761.297	761.3	761.2	19.2067	19.4	19.19999
10/13/2016 21:02:11	16.67487	16.68982	16.65488	761.297	761.3	761.2	19.2067	19.4	19.19999
10/13/2016 21:07:11	16.67501	16.68982	16.65888	761.3	761.3	761.3	19.17581	19.19999	19
10/13/2016 21:12:11	16.67373	16.68982	16.65488	761.3051	761.4	761.3	19.1443	19.19999	19
10/13/2016 21:17:11	16.67287	16.68762	16.65842	761.3571	761.4	761.3	19.11947	19.19999	19
10/13/2016 21:22:11	16.67261	16.68762	16.66242	761.4	761.4	761.4	19.07116	19.19999	19
10/13/2016 21:27:11	16.67368	16.69162	16.65669	761.4	761.4	761.4	19.02014	19.09999	19
10/13/2016 21:32:11	16.67311	16.69162	16.65669	761.4	761.4	761.4	19.01341	19.09999	18.9
10/13/2016 21:37:11	16.6777	16.69517	16.66024	761.5168	761.6	761.5	18.99329	19	18.9
10/13/2016 21:42:11	16.6777	16.69517	16.66024	761.5168	761.6	761.5	18.99329	19	18.9
10/13/2016 21:47:11	16.67644	16.69297	16.65805	761.599	761.6	761.5	18.99998	19.09999	18.9
10/13/2016 21:52:11	16.67587	16.69476	16.65985	761.6087	761.7	761.6	18.96981	19	18.9
10/13/2016 21:57:11	16.67587	16.69476	16.65985	761.6087	761.7	761.6	18.96981	19	18.9
10/13/2016 22:02:11	16.67777	16.69476	16.65985	761.6964	761.7	761.6	18.97248	19	18.9
10/13/2016 22:07:11	16.6793	16.68902	16.65985	761.7	761.7	761.7	18.93356	19	18.9
10/13/2016 22:12:11	16.67875	16.68902	16.66384	761.7	761.7	761.7	18.91347	19	18.9
10/13/2016 22:17:11	16.677	16.69257	16.66165	761.7842	761.8	761.7	18.90671	19	18.9
10/13/2016 22:22:11	16.67692	16.69655	16.66165	761.801	761.9	761.8	18.89664	18.9	18.8
10/13/2016 22:27:11	16.67272	16.69081	16.64444	761.801	761.9	761.8	18.88989	18.9	18.8
10/13/2016 22:32:11	16.67272	16.69081	16.64444	761.801	761.9	761.8	18.88989	18.9	18.8
10/13/2016 22:37:11	16.67409	16.69081	16.64444	761.7969	761.8	761.7	18.88316	18.9	18.8
10/13/2016 22:42:11	16.67423	16.68723	16.65415	761.8	761.8	761.8	18.81417	18.9	18.59999
10/13/2016 22:47:11	16.67472	16.68328	16.65812	761.8111	761.9	761.8	18.81417	18.9	18.59999
10/13/2016 22:52:11	16.67472	16.68328	16.65812	761.8111	761.9	761.8	18.76662	18.9	18.59999
10/13/2016 22:57:11	16.6779	16.68942	16.65812	761.7734	761.9	761.7	18.70909	18.9	18.59999
10/13/2016 23:02:11	16.67653	16.68723	16.65812	761.7855	761.8	761.7	18.62696	18.8	18.5
10/13/2016 23:07:11	16.67562	16.68942	16.65812	761.769	761.8	761.7	18.54038	18.59999	18.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 23:12:11	16.6752	16.69518	16.65812	761.704	761.8	761.7	18.51275	18.59999	18.4
10/13/2016 23:17:11	16.6752	16.69518	16.65812	761.704	761.8	761.7	18.51275	18.59999	18.4
10/13/2016 23:22:11	16.67563	16.69518	16.6603	761.7	761.7	761.7	18.47741	18.5	18.4
10/13/2016 23:27:11	16.67557	16.69518	16.6603	761.7	761.7	761.7	18.4546	18.5	18.4
10/13/2016 23:32:11	16.67529	16.69518	16.65059	761.7	761.7	761.7	18.42185	18.5	18.3
10/13/2016 23:37:11	16.67363	16.69518	16.65059	761.7	761.7	761.7	18.39999	18.5	18.3
10/13/2016 23:42:11	16.67229	16.68942	16.64486	761.7	761.7	761.7	18.40337	18.5	18.3
10/13/2016 23:47:11	16.6739	16.69518	16.65059	761.7	761.7	761.7	18.40001	18.5	18.3
10/13/2016 23:52:11	16.67347	16.68942	16.65059	761.7179	761.8	761.7	18.40002	18.5	18.3
10/13/2016 23:57:11	16.67649	16.69694	16.65633	761.8	761.8	761.8	18.37646	18.4	18.3
10/14/2016 00:02:11	16.67525	16.69293	16.65809	761.899	761.9	761.8	18.33368	18.4	18.3
10/14/2016 00:07:11	16.67525	16.69293	16.65809	761.899	761.9	761.8	18.33368	18.4	18.3
10/14/2016 00:12:11	16.6773	16.69293	16.65809	761.896	761.9	761.8	18.32355	18.4	18.3
10/14/2016 00:17:11	16.67742	16.69293	16.65628	761.8906	761.9	761.8	18.30674	18.4	18.3
10/14/2016 00:22:11	16.67742	16.69293	16.65628	761.8906	761.9	761.8	18.30674	18.4	18.3
10/14/2016 00:27:11	16.67778	16.69293	16.65628	761.873	761.9	761.8	18.29662	18.3	18.19999
10/14/2016 00:32:11	16.67647	16.69686	16.65628	761.9	761.9	761.9	18.244	18.3	18
10/14/2016 00:37:11	16.67647	16.69686	16.65628	761.9	761.9	761.9	18.244	18.3	18
10/14/2016 00:42:11	16.67745	16.70656	16.65809	761.8536	761.9	761.8	18.11102	18.3	18
10/14/2016 00:47:11	16.67745	16.70656	16.65809	761.8536	761.9	761.8	18.11102	18.3	18
10/14/2016 00:52:11	16.67727	16.69686	16.65809	761.895	761.9	761.8	18.09422	18.3	18
10/14/2016 00:57:11	16.67896	16.68926	16.65052	761.9028	762	761.9	18.05192	18.3	18
10/14/2016 01:02:11	16.67896	16.68926	16.65052	761.9028	762	761.9	18.05192	18.3	18
10/14/2016 01:07:11	16.67857	16.68926	16.66378	761.9246	762	761.9	18.07206	18.19999	18
10/14/2016 01:12:11	16.67632	16.69686	16.66021	761.902	762	761.9	18.11652	18.3	18
10/14/2016 01:17:11	16.67632	16.69686	16.66021	761.902	762	761.9	18.11652	18.3	18
10/14/2016 01:22:11	16.67696	16.68707	16.6677	762	762	762	18.18891	18.3	18
10/14/2016 01:27:11	16.67594	16.69467	16.65802	762.001	762.1	762	18.20362	18.3	18
10/14/2016 01:32:11	16.67594	16.69467	16.65802	762.001	762.1	762	18.20362	18.3	18
10/14/2016 01:37:11	16.67546	16.69813	16.66333	762.1401	762.2	762	18.23103	18.3	18
10/14/2016 01:42:11	16.67626	16.69375	16.65503	762.3825	762.4	762.3	18.28989	18.3	18.19999
10/14/2016 01:47:11	16.67626	16.69375	16.65503	762.3825	762.4	762.3	18.28989	18.3	18.19999
10/14/2016 01:52:11	16.67583	16.6956	16.65503	762.4	762.4	762.4	18.3269	18.4	18.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 01:57:11	16.67483	16.6956	16.65503	762.4	762.4	762.4	18.36802	18.4	18.3
10/14/2016 02:02:11	16.67514	16.69349	16.6529	762.4	762.4	762.4	18.4101	18.5	18.4
10/14/2016 02:07:11	16.67281	16.69167	16.6626	762.4	762.4	762.4	18.57985	18.8	18.5
10/14/2016 02:12:11	16.67281	16.69167	16.6626	762.4	762.4	762.4	18.57985	18.8	18.5
10/14/2016 02:17:11	16.6748	16.69349	16.64896	762.4	762.4	762.4	18.7494	18.9	18.59999
10/14/2016 02:22:11	16.67334	16.68948	16.65685	762.428	762.5	762.4	18.90675	19	18.9
10/14/2016 02:27:11	16.67527	16.68948	16.65285	762.4357	762.5	762.4	18.937	19	18.9
10/14/2016 02:32:11	16.67527	16.68948	16.65285	762.4357	762.5	762.4	18.937	19	18.9
10/14/2016 02:37:11	16.6758	16.69167	16.6626	762.4	762.4	762.4	18.97811	19	18.9
10/14/2016 02:42:11	16.67773	16.68855	16.65727	762.1276	762.2	762	19.04277	19.19999	19
10/14/2016 02:47:11	16.67773	16.68855	16.65727	762.1276	762.2	762	19.04277	19.19999	19
10/14/2016 02:52:11	16.67475	16.68636	16.66122	762.2091	762.3	762.2	19.15287	19.19999	19
10/14/2016 02:57:11	16.67475	16.68636	16.66122	762.2091	762.3	762.2	19.15287	19.19999	19
10/14/2016 03:02:11	16.67578	16.69211	16.66697	762.1765	762.2	762.1	19.21828	19.4	19.09999
10/14/2016 03:07:11	16.67578	16.69211	16.66697	762.1765	762.2	762.1	19.21828	19.4	19.09999
10/14/2016 03:12:11	16.67661	16.68855	16.66084	762.2238	762.3	762.1	19.30239	19.4	19.19999
10/14/2016 03:17:11	16.67661	16.68855	16.66084	762.2238	762.3	762.1	19.30239	19.4	19.19999
10/14/2016 03:22:11	16.67364	16.69255	16.65946	762.0044	762.1	761.9	19.38992	19.5	19.19999
10/14/2016 03:27:11	16.67364	16.69255	16.65946	762.0044	762.1	761.9	19.38992	19.5	19.19999
10/14/2016 03:32:11	16.67454	16.69474	16.65414	761.9568	762	761.9	19.4101	19.5	19.4
10/14/2016 03:37:11	16.67621	16.69686	16.65414	761.9011	762	761.9	19.41684	19.5	19.4
10/14/2016 03:42:11	16.67621	16.69686	16.65414	761.9011	762	761.9	19.41684	19.5	19.4
10/14/2016 03:47:11	16.67701	16.69686	16.65628	761.9	761.9	761.9	19.44034	19.5	19.4
10/14/2016 03:52:11	16.67701	16.69686	16.65628	761.9	761.9	761.9	19.44034	19.5	19.4
10/14/2016 03:57:11	16.67466	16.68498	16.6559	762.0111	762.1	762	19.41848	19.5	19.4
10/14/2016 04:02:11	16.67466	16.68498	16.6559	762.0111	762.1	762	19.41848	19.5	19.4
10/14/2016 04:07:11	16.67494	16.68855	16.66341	762.0895	762.1	762	19.41007	19.5	19.4
10/14/2016 04:12:11	16.67697	16.70006	16.65551	762.1	762.1	762.1	19.40504	19.5	19.4
10/14/2016 04:17:11	16.67697	16.70006	16.65551	762.1	762.1	762.1	19.40504	19.5	19.4
10/14/2016 04:22:11	16.67781	16.68817	16.65907	762.2	762.2	762.2	19.42353	19.5	19.4
10/14/2016 04:27:11	16.67414	16.69173	16.65688	762.2747	762.3	762.2	19.43101	19.5	19.4
10/14/2016 04:32:11	16.67453	16.69392	16.65511	762.2205	762.3	762.2	19.47722	19.59999	19.4
10/14/2016 04:37:11	16.67453	16.69392	16.65511	762.2205	762.3	762.2	19.47722	19.59999	19.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 04:42:11	16.67397	16.68601	16.66262	762.2	762.2	762.2	19.52184	19.59999	19.4
10/14/2016 04:47:11	16.67607	16.68779	16.65864	762.2	762.2	762.2	19.57736	19.59999	19.5
10/14/2016 04:52:11	16.67533	16.69176	16.65864	762.1978	762.3	762.1	19.58823	19.59999	19.5
10/14/2016 04:57:11	16.67385	16.68957	16.65293	762.2964	762.4	762.2	19.61345	19.69999	19.59999
10/14/2016 05:02:11	16.67514	16.68598	16.66084	762.3326	762.4	762.3	19.63194	19.69999	19.59999
10/14/2016 05:07:11	16.67514	16.68598	16.66084	762.3326	762.4	762.3	19.63194	19.69999	19.59999
10/14/2016 05:12:11	16.67576	16.69349	16.65865	762.4	762.4	762.4	19.63439	19.69999	19.59999
10/14/2016 05:17:11	16.67576	16.69349	16.65865	762.4	762.4	762.4	19.63439	19.69999	19.59999
10/14/2016 05:22:11	16.67549	16.69349	16.6529	762.4	762.4	762.4	19.6252	19.69999	19.59999
10/14/2016 05:27:11	16.67386	16.68773	16.65865	762.3435	762.4	762.3	19.60673	19.69999	19.59999
10/14/2016 05:32:11	16.67568	16.69349	16.65865	762.3357	762.4	762.3	19.6101	19.69999	19.59999
10/14/2016 05:37:11	16.67567	16.68598	16.66044	762.3131	762.4	762.3	19.59999	19.59999	19.59999
10/14/2016 05:42:11	16.67394	16.69928	16.65293	762.3235	762.4	762.3	19.60673	19.69999	19.59999
10/14/2016 05:47:11	16.67394	16.69928	16.65293	762.3235	762.4	762.3	19.60673	19.69999	19.59999
10/14/2016 05:52:11	16.67665	16.68779	16.66835	762.2	762.2	762.2	19.63025	19.69999	19.59999
10/14/2016 05:57:11	16.67665	16.68779	16.66835	762.2	762.2	762.2	19.63025	19.69999	19.59999
10/14/2016 06:02:11	16.67647	16.6975	16.66043	762.2323	762.3	762.2	19.67138	19.69999	19.59999
10/14/2016 06:07:11	16.67346	16.68957	16.65293	762.301	762.4	762.3	19.72017	20	19.59999
10/14/2016 06:12:11	16.67346	16.68957	16.65293	762.301	762.4	762.3	19.72017	20	19.59999
10/14/2016 06:17:11	16.67364	16.69173	16.66044	762.3593	762.4	762.3	19.71757	19.8	19.69999
10/14/2016 06:22:11	16.67603	16.69705	16.66044	762.4633	762.5	762.4	19.77306	20	19.69999
10/14/2016 06:27:11	16.67789	16.69705	16.66795	762.5	762.5	762.5	19.80337	20	19.69999
10/14/2016 06:32:11	16.67825	16.70856	16.66577	762.5	762.5	762.5	19.8723	20	19.69999
10/14/2016 06:37:11	16.67797	16.69885	16.65825	762.5	762.5	762.5	19.89903	20	19.69999
10/14/2016 06:42:11	16.67475	16.69134	16.66044	762.4235	762.5	762.4	19.92941	20	19.8
10/14/2016 06:47:11	16.67475	16.69134	16.66044	762.4235	762.5	762.4	19.92941	20	19.8
10/14/2016 06:52:11	16.67328	16.68738	16.65074	762.3587	762.4	762.3	19.93797	20	19.69999
10/14/2016 06:57:11	16.67879	16.69134	16.65074	762.399	762.4	762.3	19.92935	20	19.69999
10/14/2016 07:02:11	16.67871	16.69134	16.65074	762.401	762.5	762.4	19.93949	20	19.8
10/14/2016 07:07:11	16.67784	16.68915	16.65825	762.4912	762.5	762.4	19.87218	20	19.69999
10/14/2016 07:12:11	16.67784	16.68915	16.65825	762.4912	762.5	762.4	19.87218	20	19.69999
10/14/2016 07:17:11	16.67719	16.69924	16.66003	762.4432	762.5	762.4	19.89915	20	19.69999
10/14/2016 07:22:11	16.6757	16.6949	16.65606	762.48	762.5	762.4	19.96481	20	19.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 07:27:11	16.67621	16.69312	16.65824	762.4	762.4	762.4	19.97982	20	19.8
10/14/2016 07:32:11	16.67575	16.69885	16.65825	762.425	762.5	762.4	20	20	20
10/14/2016 07:37:11	16.67741	16.68915	16.65825	762.5	762.5	762.5	20.00001	20.09999	19.8
10/14/2016 07:42:11	16.67741	16.68915	16.65825	762.5	762.5	762.5	20.00001	20.09999	19.8
10/14/2016 07:47:11	16.67804	16.68915	16.65825	762.5	762.5	762.5	20.01346	20.09999	20
10/14/2016 07:52:11	16.67536	16.69666	16.65607	762.5895	762.6	762.5	20.01009	20.09999	20
10/14/2016 07:57:11	16.67536	16.69666	16.65607	762.5895	762.6	762.5	20.01009	20.09999	20
10/14/2016 08:02:11	16.67512	16.69267	16.66358	762.631	762.7	762.6	20	20	20
10/14/2016 08:07:11	16.67512	16.69267	16.66358	762.631	762.7	762.6	20	20	20
10/14/2016 08:12:11	16.67316	16.69267	16.65389	762.7	762.7	762.7	19.93272	20	19.8
10/14/2016 08:17:11	16.67316	16.69267	16.65389	762.7	762.7	762.7	19.93272	20	19.8
10/14/2016 08:22:11	16.67377	16.69447	16.65389	762.7	762.7	762.7	19.97645	20	19.69999
10/14/2016 08:27:11	16.67216	16.69228	16.6517	762.7754	762.8	762.7	19.95624	20	19.69999
10/14/2016 08:32:11	16.67646	16.68833	16.66495	762.8	762.8	762.8	19.99328	20	19.8
10/14/2016 08:37:11	16.67646	16.68833	16.66495	762.8	762.8	762.8	19.99328	20	19.8
10/14/2016 08:42:11	16.67368	16.69188	16.64732	762.9	762.9	762.9	20.03699	20.09999	20
10/14/2016 08:47:11	16.67368	16.69188	16.64732	762.9	762.9	762.9	20.03699	20.09999	20
10/14/2016 08:52:11	16.67486	16.68614	16.65703	762.9	762.9	762.9	20.06133	20.09999	20
10/14/2016 08:57:11	16.67584	16.69188	16.65703	762.9	762.9	762.9	20.10671	20.19999	20.09999
10/14/2016 09:02:11	16.67332	16.69188	16.66276	762.9	762.9	762.9	20.15882	20.3	20.09999
10/14/2016 09:07:11	16.67457	16.69366	16.66276	762.9	762.9	762.9	20.2193	20.3	20.09999
10/14/2016 09:12:11	16.67329	16.69542	16.65254	762.9	762.9	762.9	20.27983	20.3	20.19999
10/14/2016 09:17:11	16.67334	16.68925	16.65262	762.9906	763	762.9	20.31762	20.4	20.3
10/14/2016 09:22:11	16.67701	16.69498	16.66362	763.0566	763.1	763	20.59327	20.59999	20.4
10/14/2016 09:27:11	16.67701	16.69498	16.66362	763.0566	763.1	763	20.59327	20.59999	20.4
10/14/2016 09:32:11	16.67496	16.6888	16.65389	763.1	763.1	763.1	20.71683	20.9	20.59999
10/14/2016 09:37:11	16.67496	16.6888	16.65389	763.1	763.1	763.1	20.71683	20.9	20.59999
10/14/2016 09:42:11	16.67545	16.70599	16.66189	763.1	763.1	763.1	20.92101	21	20.8
10/14/2016 09:47:11	16.67545	16.70599	16.66189	763.1	763.1	763.1	20.92101	21	20.8
10/14/2016 09:52:11	16.67626	16.69625	16.6556	763.1	763.1	763.1	21.08307	21.3	20.9
10/14/2016 09:57:11	16.6766	16.69223	16.66301	763.101	763.2	763.1	21.20925	21.4	20.9
10/14/2016 10:02:11	16.6751	16.70133	16.64301	763.11	763.2	763.1	21.32355	21.4	21.19999
10/14/2016 10:07:11	16.67686	16.68821	16.66301	763.1	763.1	763.1	21.39495	21.5	21.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 10:12:11	16.6758	16.68821	16.6573	763.1	763.1	763.1	21.4647	21.59999	21.4
10/14/2016 10:17:11	16.67701	16.69796	16.65898	763.1	763.1	763.1	21.56474	21.59999	21.5
10/14/2016 10:22:11	16.67492	16.69895	16.65089	763.1	763.1	763.1	21.93781	22	21.8
10/14/2016 10:27:11	16.67492	16.69895	16.65089	763.1	763.1	763.1	21.93781	22	21.8
10/14/2016 10:32:11	16.67814	16.69895	16.65987	763.1	763.1	763.1	22.14283	22.4	22
10/14/2016 10:37:11	16.67814	16.69895	16.65987	763.1	763.1	763.1	22.14283	22.4	22
10/14/2016 10:42:11	16.67756	16.68939	16.66012	763.126	763.2	763.1	22.37649	22.5	22.19999
10/14/2016 10:47:11	16.67834	16.6951	16.66582	763.2	763.2	763.2	22.5025	22.59999	22.4
10/14/2016 10:52:11	16.67665	16.69895	16.64848	763.1286	763.2	763.1	22.53948	22.59999	22.4
10/14/2016 10:57:11	16.67745	16.69895	16.65417	763.083	763.1	763	22.5832	22.59999	22.5
10/14/2016 11:02:11	16.67774	16.69871	16.65798	763.0119	763.1	763	22.60753	22.69999	22.5
10/14/2016 11:07:11	16.67612	16.69729	16.65987	763.101	763.2	763.1	22.68989	22.69999	22.59999
10/14/2016 11:12:11	16.67847	16.68918	16.66528	763.0639	763.1	763	22.6832	22.8	22.59999
10/14/2016 11:17:11	16.67483	16.69624	16.64318	763	763	763	22.72019	22.8	22.69999
10/14/2016 11:22:11	16.67576	16.70222	16.65549	763.0161	763.1	763	22.86378	23	22.69999
10/14/2016 11:27:11	16.67451	16.68705	16.6478	763	763	763	23.17058	23.3	23
10/14/2016 11:32:11	16.67451	16.68705	16.6478	763	763	763	23.17058	23.3	23
10/14/2016 11:37:11	16.67579	16.69427	16.65608	762.9609	763	762.9	23.31346	23.4	23.19999
10/14/2016 11:42:11	16.67434	16.69314	16.65082	762.9605	763	762.9	23.54787	23.69999	23.3
10/14/2016 11:47:11	16.67403	16.69164	16.65716	762.976	763	762.9	23.6916	23.69999	23.59999
10/14/2016 11:52:11	16.67557	16.69427	16.6598	762.9785	763	762.9	23.90755	24	23.69999
10/14/2016 11:57:11	16.67415	16.69427	16.65449	762.9634	763	762.9	24.23109	24.4	24
10/14/2016 12:02:11	16.67415	16.69427	16.65449	762.9634	763	762.9	24.23109	24.4	24
10/14/2016 12:07:11	16.67481	16.68916	16.65518	762.8129	762.9	762.8	24.46468	24.59999	24.3
10/14/2016 12:12:11	16.67481	16.68916	16.65518	762.8129	762.9	762.8	24.46468	24.59999	24.3
10/14/2016 12:17:11	16.67354	16.69865	16.65477	762.8235	762.9	762.8	24.37479	24.5	24.3
10/14/2016 12:22:11	16.67354	16.69865	16.65477	762.8235	762.9	762.8	24.37479	24.5	24.3
10/14/2016 12:27:11	16.67557	16.68986	16.65886	762.7357	762.8	762.7	24.27139	24.4	24.19999
10/14/2016 12:32:11	16.67431	16.68905	16.65217	762.703	762.8	762.6	24.24872	24.4	24
10/14/2016 12:37:11	16.6765	16.70084	16.64773	762.5834	762.7	762.5	24.22355	24.3	24
10/14/2016 12:42:11	16.67336	16.69274	16.65757	762.5178	762.7	762.4	24.2916	24.4	24.19999
10/14/2016 12:47:11	16.67601	16.69493	16.65409	762.5254	762.7	762.3	24.35379	24.4	24.3
10/14/2016 12:52:11	16.67621	16.69539	16.65994	762.3815	762.6	762.2	24.2	24.3	24

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 12:57:11	16.67677	16.69097	16.66085	762.1265	762.2	762.1	24.25462	24.3	24.19999
10/14/2016 13:02:11	16.67677	16.69097	16.66085	762.1265	762.2	762.1	24.25462	24.3	24.19999
10/14/2016 13:07:11	16.67419	16.69052	16.64614	762.0518	762.1	762	24.35206	24.5	24.19999
10/14/2016 13:12:11	16.67625	16.69974	16.65738	761.9768	762	761.9	24.55124	24.59999	24.4
10/14/2016 13:17:11	16.67621	16.69348	16.6582	761.9	761.9	761.9	24.74706	24.9	24.5
10/14/2016 13:22:11	16.67551	16.69701	16.65396	761.8568	761.9	761.8	25.02019	25.19999	24.9
10/14/2016 13:27:11	16.67535	16.69973	16.64203	761.7913	761.9	761.7	25.36131	25.5	25.19999
10/14/2016 13:32:11	16.67535	16.69973	16.64203	761.7913	761.9	761.7	25.36131	25.5	25.19999
10/14/2016 13:37:11	16.67542	16.69437	16.65269	761.6232	761.7	761.6	25.55463	25.59999	25.4
10/14/2016 13:42:11	16.67542	16.69437	16.65269	761.6232	761.7	761.6	25.55463	25.59999	25.4
10/14/2016 13:47:11	16.67477	16.69793	16.64857	761.575	761.6	761.5	25.66469	25.69999	25.59999
10/14/2016 13:52:11	16.67568	16.69929	16.65131	761.5101	761.6	761.5	25.86482	26.09999	25.69999
10/14/2016 13:57:11	16.6751	16.69509	16.64837	761.4133	761.5	761.3	26.36471	26.59999	26.19999
10/14/2016 14:02:11	16.6751	16.69509	16.64837	761.4133	761.5	761.3	26.36471	26.59999	26.19999
10/14/2016 14:07:11	16.67581	16.69852	16.6575	761.3775	761.5	761.3	26.62441	26.69999	26.4
10/14/2016 14:12:11	16.67409	16.69553	16.65106	761.3292	761.4	761.3	26.94625	27	26.8
10/14/2016 14:17:11	16.67409	16.69553	16.65106	761.3292	761.4	761.3	26.94625	27	26.8
10/14/2016 14:22:11	16.67497	16.68946	16.65667	761.3	761.3	761.3	27.1159	27.19999	27
10/14/2016 14:27:11	16.67497	16.68946	16.65667	761.3	761.3	761.3	27.1159	27.19999	27
10/14/2016 14:32:11	16.67566	16.7025	16.65146	761.1508	761.3	761.1	27.16304	27.3	27
10/14/2016 14:37:11	16.67566	16.7025	16.65146	761.1508	761.3	761.1	27.16304	27.3	27
10/14/2016 14:42:11	16.67669	16.69819	16.6549	761.0235	761.2	761	27.52104	27.59999	27.3
10/14/2016 14:47:11	16.67669	16.69819	16.6549	761.0235	761.2	761	27.52104	27.59999	27.3
10/14/2016 14:52:11	16.67474	16.69752	16.64519	761.0271	761.2	761	27.72021	27.9	27.5
10/14/2016 14:57:11	16.67476	16.69474	16.65614	761.102	761.2	761.1	27.93191	28	27.9
10/14/2016 15:02:11	16.6778	16.68912	16.658	761.0971	761.1	761	27.63777	27.9	27.5
10/14/2016 15:07:11	16.6778	16.68912	16.658	761.0971	761.1	761	27.63777	27.9	27.5
10/14/2016 15:12:11	16.67776	16.69384	16.66393	761	761	761	27.53021	27.59999	27.5
10/14/2016 15:17:11	16.6734	16.69381	16.65581	761.1859	761.2	761.1	27.84358	27.9	27.59999
10/14/2016 15:22:11	16.67422	16.69127	16.65581	761.197	761.2	761.1	27.55542	27.59999	27.5
10/14/2016 15:27:11	16.67422	16.69127	16.65581	761.197	761.2	761.1	27.55542	27.59999	27.5
10/14/2016 15:32:11	16.67495	16.69728	16.65756	761.204	761.3	761.2	27.05621	27.3	26.9
10/14/2016 15:37:11	16.67495	16.69728	16.65756	761.204	761.3	761.2	27.05621	27.3	26.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 15:42:11	16.6741	16.68735	16.65493	761.2	761.2	761.2	26.84783	26.9	26.69999
10/14/2016 15:47:11	16.6754	16.69887	16.65787	761.1669	761.2	761.1	26.5999	26.69999	26.4
10/14/2016 15:52:11	16.67805	16.68979	16.66434	761.1474	761.2	761.1	26.3377	26.59999	26.19999
10/14/2016 15:57:11	16.67716	16.68979	16.66214	761.1755	761.2	761.1	26.16638	26.19999	26.09999
10/14/2016 16:02:11	16.678	16.70033	16.65931	761	761	761	26.1235	26.19999	26
10/14/2016 16:07:11	16.678	16.70033	16.65931	761	761	761	26.1235	26.19999	26
10/14/2016 16:12:11	16.67252	16.69625	16.65149	761.0796	761.1	761	26.17055	26.19999	26.09999
10/14/2016 16:17:11	16.67521	16.69405	16.65662	760.998	761.1	760.9	25.95959	26.09999	25.69999
10/14/2016 16:22:11	16.67528	16.69737	16.63947	761	761	761	25.96305	26.09999	25.69999
10/14/2016 16:27:11	16.67528	16.69737	16.63947	761	761	761	25.96305	26.09999	25.69999
10/14/2016 16:32:11	16.67455	16.69335	16.65149	761.0291	761.1	761	26.06054	26.19999	25.8
10/14/2016 16:37:11	16.67551	16.69405	16.65443	761.0668	761.1	761	25.86633	26.09999	25.59999
10/14/2016 16:42:11	16.67458	16.69625	16.65733	761.0534	761.1	761	25.6655	25.69999	25.59999
10/14/2016 16:47:11	16.67316	16.69345	16.6426	761.0676	761.1	761	25.38146	25.59999	25.09999
10/14/2016 16:52:11	16.67427	16.6892	16.65108	761	761	761	25.12183	25.19999	25
10/14/2016 16:57:11	16.67269	16.69481	16.65312	761.0857	761.2	761	24.99145	25.09999	24.59999
10/14/2016 17:02:11	16.6761	16.69555	16.6581	760.989	761	760.9	24.57313	24.59999	24.5
10/14/2016 17:07:11	16.6761	16.69555	16.6581	760.989	761	760.9	24.57313	24.59999	24.5
10/14/2016 17:12:11	16.67508	16.69308	16.65002	761.0321	761.1	760.9	23.99239	24.19999	23.9
10/14/2016 17:17:11	16.67508	16.69308	16.65002	761.0321	761.1	760.9	23.99239	24.19999	23.9
10/14/2016 17:22:11	16.67383	16.70181	16.64547	761.1	761.1	761.1	23.67047	23.9	23.4
10/14/2016 17:27:11	16.67363	16.69106	16.65592	760.9863	761.1	760.9	22.90745	23	22.69999
10/14/2016 17:32:11	16.67363	16.69106	16.65592	760.9863	761.1	760.9	22.90745	23	22.69999
10/14/2016 17:37:11	16.67584	16.69167	16.65497	760.9245	761	760.9	22.7319	23	22.69999
10/14/2016 17:42:11	16.67473	16.69578	16.65278	760.9161	761.1	760.9	22.6487	22.69999	22.59999
10/14/2016 17:47:11	16.67623	16.69443	16.65718	760.9372	761.1	760.9	22.39329	22.5	22.19999
10/14/2016 17:52:11	16.67623	16.69443	16.65718	760.9372	761.1	760.9	22.39329	22.5	22.19999
10/14/2016 17:57:11	16.67361	16.7007	16.65177	760.9	760.9	760.9	21.98992	22.09999	21.9
10/14/2016 18:02:11	16.67361	16.7007	16.65177	760.9	760.9	760.9	21.98992	22.09999	21.9
10/14/2016 18:07:11	16.67497	16.69905	16.64445	760.9232	761	760.9	21.92246	22	21.59999
10/14/2016 18:12:11	16.67604	16.69738	16.65422	760.9	760.9	760.9	21.64024	21.9	21.5
10/14/2016 18:17:11	16.67537	16.69519	16.6561	760.9494	761	760.9	21.54107	21.59999	21.4
10/14/2016 18:22:11	16.67415	16.68947	16.66254	761	761	761	21.32854	21.4	21.19999

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 18:27:11	16.67415	16.68947	16.66254	761	761	761	21.32854	21.4	21.19999
10/14/2016 18:32:11	16.67228	16.68375	16.66254	761	761	761	20.9856	21.19999	20.9
10/14/2016 18:37:11	16.67228	16.68375	16.66254	761	761	761	20.9856	21.19999	20.9
10/14/2016 18:42:11	16.67223	16.68206	16.6511	761	761	761	20.88476	21	20.69999
10/14/2016 18:47:11	16.67213	16.69011	16.65513	761	761	761	20.63357	20.69999	20.59999
10/14/2016 18:52:11	16.67213	16.69011	16.65513	761	761	761	20.63357	20.69999	20.59999
10/14/2016 18:57:11	16.67347	16.69585	16.65867	761.0302	761.1	761	20.52342	20.59999	20.3
10/14/2016 19:02:11	16.67741	16.69365	16.65867	761.1	761.1	761.1	20.2798	20.3	20.09999
10/14/2016 19:07:11	16.67499	16.69365	16.65867	761.1	761.1	761.1	20.15375	20.3	20
10/14/2016 19:12:11	8.72006	16.68962	0	761.0922	761.1	761	20.02612	20.09999	20
10/14/2016 19:17:11	8.72006	16.68962	0	761.0922	761.1	761	20.02612	20.09999	20
10/14/2016 19:22:11	0	0	0	761.0071	761.1	761	19.99664	20.09999	19.8
10/14/2016 19:27:11	0	0	0	761	761	761	19.95448	20	19.69999
10/14/2016 19:32:11	0	0	0	761	761	761	19.8638	20	19.69999
10/14/2016 19:37:11	0	0	0	761	761	761	19.742	20	19.69999
10/14/2016 19:42:11	0	0	0	761	761	761	19.67985	19.69999	19.59999
10/14/2016 19:47:11	0	0	0	761	761	761	19.67985	19.69999	19.59999

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
26.18992	26.3	26.1	0	0	0	2.75377	2.89999	2.59999	0.00787	0	0.00833	2.2E+08
17.28993	17.3	17.2	0	0	0	0.81677	0.99999	0.69999	0.00787	0	0.00833	2.2E+08
17.28993	17.3	17.2	0	0	0	0.81677	1.2	0	0.00787	0	0.00833	2.2E+08
17.80663	18.5	17.3	0	0	0	0.7327	1.2	0	0.00883	0	0.00833	2.2E+08
18.48477	18.6	18.3	7.4713	18.7029	0	1.09244	1.5	1.09999	0.00883	0	0.00833	2.2E+08
18.50027	18.6	18.3	32.59484	105.0687	0	1.21391	1.5	1.09999	0.00883	0	0.00833	2.2E+08
18.55369	18.6	18.5	0	0	0	1.42951	1.5	1.19999	0.00883	0	0.00833	2.2E+08
18.61342	18.69999	18.5	0	0	0	1.4765	1.59999	1.3	0.00883	0	0.00833	2.2E+08
18.68726	18.8	18.6	0	0	0	1.43287	1.6	1.3	0.00883	0	0.00833	2.2E+08
18.74697	18.8	18.69999	0	0	0	1.50604	1.6	1.3	0.00883	0	0.00833	2.2E+08
18.79328	18.9	18.69999	0	0	0	1.51007	1.6	1.4	0.00883	0	0.00833	2.2E+08
18.79328	18.9	18.69999	0	0	0	1.51007	1.5	1.19999	0.00883	0	0.00833	2.2E+08
19.01076	19.1	18.8	0	0	0	1.32615	1.5	1.19999	0.00883	0	0.00833	2.2E+08
19.11678	19.19999	18.9	0	0	0	1.36715	1.5	1.19999	0.00883	0	0.00833	2.2E+08
19.20402	19.3	19.1	0	0	0	1.40604	1.5	1.3	0.00883	0	0.00833	2.2E+08
19.31344	19.5	19.1	0	0	0	1.36978	1.5	1.3	0.00883	0	0.00833	2.2E+08
19.30938	19.4	19.19999	0	0	0	1.43423	1.7	1.3	0.00883	0	0.00833	2.2E+08
19.36781	19.69999	19.19999	0	0	0	1.51542	1.5	1.2	0.00883	0	0.00833	2.2E+08
19.64093	19.69999	19.5	0	0	0	1.34293	1.5	1.2	0.00883	0	0.00833	2.2E+08
19.79732	20	19.69999	0	0	0	1.40738	1.4	1.3	0.00883	0	0.00833	2.2E+08
20.00067	20.1	19.9	0	0	0	1.33288	1.4	1.3	0.00883	0	0.00833	2.2E+08
20.03963	20.3	20	0	0	0	1.404	1.5	1.2	0.00883	0	0.00833	2.2E+08
20.25298	20.4	20.1	0	0	0	1.29065	1.8	1.09999	0.00883	0	0.00833	2.2E+08
20.39193	20.5	20.1	0	0	0	1.28194	1.8	1.09999	0.00883	0	0.00833	2.2E+08
20.10338	20.3	20	0	0	0	1.82012	2	1.6	0.00883	0	0.00833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
20.4698	20.6	20.1	0	0	0	1.68723	1.99999	1.59999	0.00883	0	0.00833	2.2E+08
20.57383	20.69999	20.5	0	0	0	1.80402	1.9	1.59999	0.00883	0	0.00833	2.2E+08
20.52254	20.6	20.5	0	0	0	1.97174	2.09999	1.8	0.00883	0	0.00833	2.2E+08
20.52254	20.6	20.5	0	0	0	1.97174	2.1	1.9	0.00883	0	0.00833	2.2E+08
20.57045	20.69999	20.4	0	0	0	2.03625	2.3	1.69999	0.00883	0	0.00833	2.2E+08
20.65828	21	20.5	0	0	0	2.05281	2.3	1.69999	0.00883	0	0.00833	2.2E+08
20.96062	21.1	20.69999	0	0	0	1.94142	2.09999	1.8	0.00883	0	0.00833	2.2E+08
21.13031	21.19999	21.1	0	0	0	1.91684	2.3	1.9	0.00883	0	0.00833	2.2E+08
21.09224	21.19999	21	0	0	0	2.13234	2.3	1.9	0.00883	0	0.00833	2.2E+08
21.11012	21.19999	21.1	0	0	0	2.20337	2.3	2.09999	0.00883	0	0.00833	2.2E+08
21.24377	21.5	21.1	0	0	0	2.24717	2.59999	1.9	0.00883	0	0.00833	2.2E+08
21.15285	21.3	21.1	0	0	0	2.50437	2.6	2.4	0.00883	0	0.00833	2.2E+08
21.31449	21.5	21.19999	0	0	0	2.53938	2.7	2.19999	0.00883	0	0.00833	2.2E+08
21.43133	21.5	21.19999	0	0	0	2.52591	2.7	2.4	0.00883	0	0.00833	2.2E+08
21.21712	21.5	21.1	0	0	0	2.80315	3.19999	2.5	0.00883	0	0.00833	2.2E+08
21.21712	21.5	21.1	0	0	0	2.80315	3.19999	2.5	0.00883	0	0.00833	2.2E+08
21.30203	21.6	21.1	0	0	0	2.98549	3.19999	2.59999	0.00883	0	0.00833	2.2E+08
21.30203	21.6	21.1	0	0	0	2.98549	2.9	2.4	0.00883	0	0.00833	2.2E+08
21.59902	21.8	21.19999	0	0	0	2.82124	3.3	2.5	0.00883	0	0.00833	2.2E+08
21.56192	21.69999	21.3	0	0	0	2.95488	3.3	2.7	0.00883	0	0.00833	2.2E+08
21.56192	21.69999	21.3	0	0	0	2.95488	3.3	2.7	0.00883	0	0.00833	2.2E+08
21.60101	21.69999	21.5	0	0	0	2.97643	3.19999	2.8	0.00883	0	0.00833	2.2E+08
21.6303	21.69999	21.5	0	0	0	2.99998	3.3	2.9	0.00883	0	0.00833	2.2E+08
21.54613	21.6	21.5	0	0	0	3.17175	3.4	2.99999	0.00883	0	0.00833	2.2E+08
21.66399	21.69999	21.5	0	0	0	3.15616	3.4	2.9	0.00883	0	0.00833	2.2E+08
21.76397	21.9	21.69999	0	0	0	3.06973	3.2	2.8	0.00883	0	0.00833	2.2E+08
22.04914	22.3	21.8	0	0	0	2.84075	3.1	2.6	0.00883	0	0.00833	2.2E+08
22.3751	22.69999	22.1	0	0	0	2.57541	2.8	2.2	0.00883	0	0.00833	2.2E+08
22.43807	22.69999	22.19999	0	0	0	2.59899	2.8	2.3	0.00883	0	0.00833	2.2E+08
23.57963	24	23.3	0	0	0	1.71574	1.9	1.4	0.00883	0	0.00833	2.2E+08
23.57963	24	23.3	0	0	0	1.71574	2.19999	1.4	0.00883	0	0.00833	2.2E+08
23.67324	24	23.4	0	0	0	1.88064	2.49999	1.59999	0.00883	0	0.00833	2.2E+08
23.56187	24.1	23.1	0	0	0	2.11221	2.49999	1.59999	0.00883	0	0.00833	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
24.14046	24.5	23.9	0	0	0	1.82224	2.19999	1.3	0.00883	0	0.00833	2.2E+08
24.22268	24.5	24	0	0	0	1.98174	2.19999	1.69999	0.00883	0	0.00833	2.2E+08
24.65479	24.8	24.3	0	0	0	1.86412	4.1	2.19999	0.00883	0	0.00833	2.2E+08
23.89337	24.5	22.8	0	0	0	2.87403	4.1	2.19999	0.00883	0	0.00833	2.2E+08
23.13344	23.5	22.69999	0	0	0	3.74299	4.2	3.4	0.00883	0	0.00833	2.2E+08
23.76141	24.1	23.3	0	0	0	3.06115	3.6	2.59999	0.00883	0	0.00833	2.2E+08
23.95963	24.1	23.69999	0	0	0	2.93369	3.2	2.69999	0.00883	0	0.00833	2.2E+08
24.15823	24.3	24	0	0	0	2.87552	3.09999	2.7	0.00883	0	0.00833	2.2E+08
23.95505	24.1	23.69999	0	0	0	3.24494	3.5	3	0.00883	0	0.00833	2.2E+08
24.0234	24.3	23.69999	0	0	0	3.17328	3.5	2.9	0.00883	0	0.00833	2.2E+08
24.17196	24.5	23.69999	0	0	0	3.11795	3.6	2.8	0.00883	0	0.00833	2.2E+08
24.12449	24.3	24	0	0	0	3.1654	3.3	3	0.00883	0	0.00833	2.2E+08
23.92274	24.5	23.6	0	0	0	3.32677	3.69999	2.69999	0.00883	0	0.00833	2.2E+08
23.89224	24.3	23.1	0	0	0	3.37402	4.19999	2.9	0.00883	0	0.00833	2.2E+08
23.23256	23.69999	22.69999	0	0	0	3.79226	4.3	3.3	0.00883	0	0.00833	2.2E+08
23.29884	23.6	23	0	0	0	3.4765	3.8	3.09999	0.00883	0	0.00833	2.2E+08
23.01383	23.6	22.5	0	0	0	3.60184	3.9	2.99999	0.00883	0	0.00833	2.2E+08
22.32448	22.5	22.1	0	0	0	3.66084	3.9	3.4	0.00883	0	0.00833	2.2E+08
22.32448	22.5	22.1	0	0	0	3.66084	3.9	3.4	0.00883	0	0.00833	2.2E+08
22.09999	22.3	21.8	0	0	0	3.39219	3.7	3.1	0.00883	0	0.00833	2.2E+08
22.09999	22.3	21.8	0	0	0	3.39219	3.7	2.1	0.00883	0	0.00833	2.2E+08
22.5347	23.3	21.8	0	0	0	2.82835	3.7	2.1	0.00883	0	0.00833	2.2E+08
23.57841	24	23.1	0	0	0	1.93174	2.4	1.5	0.00883	0	0.00833	2.2E+08
23.77811	24.19999	23.3	0	0	0	2.05631	2.7	1.5	0.00883	0	0.00833	2.2E+08
23.77811	24.19999	23.3	0	0	0	2.05631	2.7	1.5	0.03559	0	0.03666	2.2E+08
23.23849	23.4	23	6.26672	16.26459	0	2.76349	3	2.59999	0.11897	0.02005	0.12027	2.2E+08
23.4536	23.69999	23.1	15.99226	16.18147	15.87668	2.75529	3	2.59999	0.20234	0.01532	0.20333	2.2E+08
23.53024	23.69999	23.4	15.99166	16.26459	15.90439	3.04828	3.19999	2.9	0.28572	0.05537	0.28666	2.2E+08
23.07736	23.3	23	16.16218	16.40313	16.01522	3.63272	3.8	3.4	0.36909	0.0152	0.37027	2.2E+08
23.07736	23.3	23	16.16218	16.40313	16.01522	3.63272	3.8	3.4	0.45247	0.00488	0.45333	2.2E+08
23.21864	23.5	22.8	16.08413	16.23689	15.9321	3.40731	3.8	3.19999	0.53585	0	0.53666	2.2E+08
22.77198	23	22.5	16.13557	16.2923	15.98751	3.67195	3.69999	3	0.61923	0	0.62	2.2E+08
22.74396	23	22.5	16.06504	16.2923	15.95981	3.42561	3.69999	3	0.70261	0.02788	0.70333	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
22.92578	23	22.69999	16.03508	16.26459	15.9321	3.13477	3.4	3	0.78599	0.01517	0.78666	2.2E+08
22.6799	23	22.4	16.04457	16.15376	15.95981	3.2831	3.69999	2.8	0.86937	0	0.87	2.2E+08
22.71589	22.9	22.5	16.04848	16.20918	15.95981	3.15936	3.3	2.9	0.95275	0.04306	0.95333	2.2E+08
22.66771	22.9	22.4	16.06357	16.26459	15.95981	3.0659	3.5	2.8	1.03613	0.06034	1.03694	2.2E+08
22.66771	22.9	22.4	16.06357	16.26459	15.95981	3.0659	3.5	2.8	1.11949	0.03519	1.12	2.2E+08
22.33299	22.69999	22.1	16.06559	16.26459	15.90439	3.33662	3.59999	3	1.20286	0.01233	1.20333	2.2E+08
21.92802	22.1	21.6	15.99457	16.09835	15.87668	3.20785	3.6	2.9	1.28624	0.02017	1.28694	2.2E+08
21.92802	22.1	21.6	15.99457	16.09835	15.87668	3.20785	3.6	2.9	1.3696	0.03504	1.37	2.2E+08
21.07811	21.6	20.69999	15.98463	16.12605	15.84897	3.7399	4.1	3.4	1.45296	0.01483	1.45333	2.2E+08
20.93915	21	20.6	15.86133	15.9321	15.76585	3.44832	3.8	3.19999	1.53632	0.06992	1.53666	2.2E+08
20.32262	20.5	20.1	15.75179	15.87668	15.59961	3.29638	3.49999	3	1.61968	0.07776	1.62027	2.2E+08
20.32262	20.5	20.1	15.75179	15.87668	15.59961	3.29638	3.49999	3	1.70306	0.03504	1.70333	2.2E+08
20.99772	21.19999	20.69999	15.58562	15.68273	15.48877	2.30227	2.7	2.09999	1.78644	0.03505	1.78694	2.2E+08
20.99772	21.19999	20.69999	15.58562	15.68273	15.48877	2.30227	2.7	2.09999	1.86982	0.01483	1.87	2.2E+08
21.10324	21.19999	21	15.56354	15.73814	15.46106	2.15965	2.19999	2.09999	1.9532	0.02719	1.95333	2.2E+08
20.83132	21	20.5	15.68083	15.84897	15.5719	2.35859	2.69999	2.4	2.03658	0.02024	2.03694	2.2E+08
20.58993	20.69999	20.5	15.7238	15.82127	15.62731	2.47734	2.59999	2.4	2.11996	0	2.12027	2.2E+08
20.58993	20.69999	20.5	15.7238	15.82127	15.62731	2.47734	2.59999	2.4	2.20334	0.06996	2.20333	2.2E+08
20.45149	20.6	20.1	15.79245	15.90439	15.62731	2.55167	2.7	2.3	2.28669	0	2.28666	2.2E+08
20.07407	20.1	20	15.8108	15.90439	15.68273	2.85159	3	2.59999	2.37005	0.03497	2.37027	2.2E+08
20.07407	20.1	20	15.8108	15.90439	15.68273	2.85159	3	2.59999	2.45342	0.03494	2.45333	2.2E+08
19.95193	20.1	19.8	15.75969	15.84897	15.65502	2.79178	3	2.59999	2.53682	0	2.53666	2.2E+08
19.70206	19.8	19.4	15.6995	15.87668	15.51648	2.90805	3.19999	2.8	2.6202	0.02032	2.62027	2.2E+08
19.70206	19.8	19.4	15.6995	15.87668	15.51648	2.90805	3.19999	2.8	2.70357	0.0078	2.70333	2.2E+08
19.27195	19.5	19.19999	15.67188	15.79356	15.54419	3.19977	3.4	2.9	2.78694	0	2.78666	2.2E+08
18.99101	19.19999	18.8	15.6992	15.84897	15.5719	3.11795	3.3	2.99999	2.87032	0.00851	2.87	2.2E+08
18.80029	19.1	18.69999	15.6704	15.87668	15.54419	3.04121	3.3	2.49999	2.9537	0.04919	2.95333	2.2E+08
18.86073	19.1	18.69999	15.67866	15.82127	15.5719	2.74585	3	2.49999	3.03706	0	3.03666	2.2E+08
18.52937	18.6	18.5	15.79354	15.87668	15.65502	2.87958	3	2.69999	3.12042	0.04917	3.12027	2.2E+08
18.52937	18.6	18.5	15.79354	15.87668	15.65502	2.87958	3.19999	2.69999	3.20378	0.01432	3.20361	2.2E+08
18.2798	18.5	18.1	15.83353	15.90439	15.73814	2.88866	3.19999	2.7	3.28715	0.03474	3.28694	2.2E+08
18.2798	18.5	18.1	15.83353	15.90439	15.73814	2.88866	3.19999	2.7	3.37051	0.02862	3.37	2.2E+08
18.25266	18.5	18.1	15.79605	15.87668	15.71043	2.71697	2.9	2.5	3.45387	0.00609	3.45333	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.17735	18.5	18.1	15.79301	15.84897	15.68273	2.54079	2.8	2.19999	3.53722	0.02041	3.53694	2.2E+08
18.17735	18.5	18.1	15.79301	15.84897	15.68273	2.54079	2.8	2.19999	3.62058	0	3.62	2.2E+08
17.98993	18.1	17.69999	15.92876	16.01522	15.82127	2.46852	2.7	2.3	3.70397	0.03471	3.70361	2.2E+08
17.98993	18.1	17.69999	15.92876	16.01522	15.82127	2.46852	2.7	2.3	3.78736	0.03466	3.78666	2.2E+08
17.78737	18	17.69999	15.88569	16.01522	15.79356	2.48561	2.6	2.19999	3.87076	0	3.87027	2.2E+08
17.78737	18	17.69999	15.88569	16.01522	15.79356	2.48561	2.6	2.19999	3.95417	0.04088	3.95361	2.2E+08
17.72715	17.9	17.69999	15.94758	16.04293	15.82127	2.4154	2.6	2.1	4.03756	0.03466	4.03666	2.2E+08
17.6169	17.69999	17.5	15.94826	16.04293	15.84897	2.31897	2.5	2	4.12092	0.04886	4.12027	2.2E+08
17.6169	17.69999	17.5	15.94826	16.04293	15.84897	2.31897	2.5	2	4.2043	0	4.20333	2.2E+08
17.85843	18	17.69999	15.96509	16.04293	15.87668	1.85165	2	1.69999	4.28769	0.04088	4.28694	2.2E+08
17.85843	18	17.69999	15.96509	16.04293	15.87668	1.85165	2	1.69999	4.37108	0.02688	4.37	2.2E+08
17.96302	18	17.69999	15.9204	15.98751	15.82127	1.64707	1.9	1.59999	4.45444	0.03471	4.45361	2.2E+08
17.96302	18	17.69999	15.9204	15.98751	15.82127	1.64707	1.9	1.5	4.53781	0.01426	4.53666	2.2E+08
17.91253	18	17.69999	15.90461	16.01522	15.79356	1.65705	1.9	1.5	4.62118	0.07555	4.62	2.2E+08
17.92708	18	17.69999	15.78046	15.87668	15.71043	1.55595	1.8	1.4	4.70454	0.0694	4.70361	2.2E+08
17.92708	18	17.69999	15.78046	15.87668	15.71043	1.55595	1.8	1.4	4.78791	0.04276	4.78666	2.2E+08
17.89874	18	17.69999	15.8927	15.98751	15.73814	1.54162	1.7	1.4	4.87129	0.03468	4.87	2.2E+08
17.61579	17.69999	17.5	15.98703	16.15376	15.9321	1.7842	1.9	1.7	4.95467	0	4.95361	2.2E+08
17.61579	17.69999	17.5	15.98703	16.15376	15.9321	1.7842	2	1.59999	5.03803	0.01416	5.03694	2.2E+08
17.50585	17.6	17.4	16.00527	16.18147	15.90439	1.86028	2	1.59999	5.12141	0.05511	5.12	2.2E+08
17.53931	17.6	17.5	15.99116	16.18147	15.87668	1.68085	1.9	1.59999	5.20476	0	5.20361	2.2E+08
17.51343	17.6	17.4	15.96825	16.04293	15.90439	1.68641	2	1.59999	5.28811	0.01418	5.28694	2.2E+08
17.51343	17.6	17.4	15.96825	16.04293	15.90439	1.68641	2	1.59999	5.37146	0	5.37	2.2E+08
17.50672	17.6	17.5	15.97134	16.07064	15.90439	1.68417	1.8	1.5	5.45481	0.0488	5.45333	2.2E+08
17.47645	17.5	17.4	16.05334	16.23689	15.95981	1.6696	1.8	1.5	5.53816	0	5.53666	2.2E+08
17.4	17.4	17.4	16.29458	16.37543	16.18147	1.65617	1.8	1.6	5.62151	0	5.62027	2.2E+08
17.4	17.4	17.4	16.29458	16.37543	16.18147	1.65617	1.7	1.5	5.70486	0.02047	5.70333	2.2E+08
17.38654	17.5	17.3	16.35087	16.45855	16.18147	1.6101	1.7	1.5	5.78822	0.03463	5.78666	2.2E+08
17.31316	17.4	17.1	16.14541	16.32001	15.95981	1.64984	1.9	1.5	5.87158	0.00636	5.87027	2.2E+08
17.31316	17.4	17.1	16.14541	16.32001	15.95981	1.64984	1.9	1.5	5.95494	0	5.95333	2.2E+08
17.14374	17.4	17.1	16.04946	16.20918	15.9321	1.77878	1.9	1.5	6.0383	0.03459	6.03666	2.2E+08
17.11372	17.3	17.1	16.16254	16.37543	15.98751	1.78628	1.8	1.6	6.12168	0.03459	6.12	2.2E+08
17.11343	17.3	17.1	16.12077	16.34772	15.98751	1.76971	1.8	1.49999	6.20507	0.03456	6.20361	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.1	17.1	17.1	16.22105	16.37543	16.01522	1.71916	1.8	1.49999	6.28845	0.00779	6.28694	2.2E+08
17.07312	17.1	17	16.2276	16.37543	16.04293	1.66292	1.9	1.49999	6.37182	0.06131	6.37027	2.2E+08
17.07312	17.1	17	16.2276	16.37543	16.04293	1.66292	1.9	1.49999	6.45519	0.03455	6.45333	2.2E+08
17.01579	17.1	17	16.14785	16.32001	15.95981	1.6696	1.9	1.49999	6.53856	0.03459	6.53666	2.2E+08
17.01358	17.1	17	16.01964	16.15376	15.9321	1.60324	1.9	1.4	6.62192	0	6.62	2.2E+08
17.02354	17.1	17	16.03063	16.20918	15.9321	1.51917	1.59999	1.4	6.70529	0.03455	6.70361	2.2E+08
17.02354	17.1	17	16.03063	16.20918	15.9321	1.51917	1.59999	1.4	6.78865	0	6.78666	2.2E+08
17	17	17	16.10757	16.2923	15.95981	1.48989	1.6	1.3	6.87202	0.01406	6.87027	2.2E+08
17.00687	17.1	16.9	16.13008	16.26459	15.95981	1.45935	1.6	1.3	6.95539	0.01406	6.95333	2.2E+08
17.03715	17.1	17	16.1851	16.32001	15.98751	1.36856	1.5	1.3	7.03876	0	7.03694	2.2E+08
17.03715	17.1	17	16.1851	16.32001	15.98751	1.36856	1.5	1.3	7.12214	0.02049	7.12	2.2E+08
17.05614	17.1	17	16.17964	16.2923	16.04293	1.34049	1.4	1.3	7.2055	0.02049	7.20333	2.2E+08
17.0168	17.1	16.9	16.15969	16.34772	16.01522	1.34955	1.5	1.19999	7.28888	0.03456	7.28694	2.2E+08
17.0168	17.1	16.9	16.15969	16.34772	16.01522	1.34955	1.5	1.19999	7.37226	0.0691	7.37	2.2E+08
17.04051	17.1	17	16.23452	16.37543	16.09835	1.33914	1.4	1.19999	7.45564	0.01406	7.45333	2.2E+08
17.04707	17.1	17	16.18367	16.37543	15.98751	1.26638	1.3	1.19999	7.53901	0.03454	7.53694	2.2E+08
17.04707	17.1	17	16.18367	16.37543	15.98751	1.26638	1.3	1.19999	7.62238	0	7.62	2.2E+08
17.03697	17.1	17	16.2218	16.37543	16.04293	1.3	1.4	1.19999	7.70576	0.03455	7.70361	2.2E+08
17.00353	17.1	17	16.19743	16.32001	15.98751	1.31662	1.4	1.19999	7.78915	0.03455	7.78666	2.2E+08
16.98655	17.1	16.9	16.20293	16.40313	15.95981	1.31344	1.4	1.19999	7.87254	0.03455	7.87027	2.2E+08
16.98655	17.1	16.9	16.20293	16.40313	15.95981	1.31344	1.4	1.19999	7.95591	0.08959	7.95333	2.2E+08
16.9493	17	16.8	16.00229	16.18147	15.90439	1.34061	1.5	1.19999	8.03927	0.03454	8.03666	2.2E+08
16.80335	16.9	16.8	16.05506	16.26459	15.9321	1.47965	1.5	1.2	8.12262	0.06907	8.12027	2.2E+08
16.80335	16.9	16.8	16.05506	16.26459	15.9321	1.47965	1.5	1.2	8.206	0.0205	8.20333	2.2E+08
16.74938	16.8	16.69999	16.05756	16.18147	15.9321	1.51798	1.6	1.3	8.28942	0.04105	8.28666	2.2E+08
16.65263	16.69999	16.5	16.06952	16.23689	15.95981	1.52974	1.8	1.5	8.37284	0.04845	8.37027	2.2E+08
16.52696	16.69999	16.4	16.10093	16.23689	15.95981	1.59101	1.8	1.5	8.45628	0.0345	8.45333	2.2E+08
16.57424	16.69999	16.5	16.15527	16.32001	15.98751	1.49296	1.8	1.3	8.53972	0.0345	8.53666	2.2E+08
16.5857	16.69999	16.5	16.17621	16.2923	16.01522	1.4479	1.69999	1.3	8.62315	0.05503	8.62	2.2E+08
16.67649	16.8	16.5	16.2316	16.32001	16.07064	1.33697	1.3	1.2	8.70659	0.01401	8.70361	2.2E+08
16.7168	16.8	16.69999	16.26571	16.34772	16.15376	1.28319	1.3	1.2	8.79006	0.03454	8.78666	2.2E+08
16.76723	16.8	16.69999	16.25055	16.34772	16.15376	1.21261	1.3	1.1	8.87349	0.03452	8.87027	2.2E+08
16.76723	16.8	16.69999	16.25055	16.34772	16.15376	1.21261	1.3	1.1	8.95691	0	8.95333	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.72348	16.8	16.69999	16.32428	16.43084	16.23689	1.22377	1.3	1.1	9.04034	0	9.03694	2.2E+08
16.72348	16.8	16.69999	16.32428	16.43084	16.23689	1.22377	1.3	1.1	9.1238	0.03452	9.12	2.2E+08
16.71343	16.8	16.69999	16.29339	16.37543	16.20918	1.20002	1.3	1.1	9.20724	0.01401	9.20361	2.2E+08
16.71343	16.8	16.69999	16.29339	16.37543	16.20918	1.20002	1.3	1.1	9.29069	0.04857	9.28666	2.2E+08
16.72707	16.8	16.69999	16.1685	16.32001	15.95981	1.17964	1.3	1.1	9.37411	0.06908	9.37	2.2E+08
16.81343	17	16.69999	16.05223	16.23689	15.9321	1.0933	1.1	0.9	9.45755	0.00646	9.45361	2.2E+08
16.9079	17	16.8	16.10467	16.2923	15.95981	0.99545	1.1	0.9	9.54096	0	9.53666	2.2E+08
16.90218	17	16.8	16.20936	16.34772	16.01522	1.00807	1.2	0.9	9.62439	0.0205	9.62	2.2E+08
16.95796	17	16.8	16.30125	16.37543	16.20918	0.95212	1.1	0.9	9.70781	0.03455	9.70361	2.2E+08
16.95796	17	16.8	16.30125	16.37543	16.20918	0.95212	1.1	0.9	9.79125	0.03455	9.78666	2.2E+08
16.97645	17	16.8	16.30863	16.40313	16.23689	0.93698	1.1	0.9	9.87468	0	9.87027	2.2E+08
16.97645	17	16.8	16.30863	16.40313	16.23689	0.93698	1.1	0.9	9.9581	0.01404	9.95333	2.2E+08
16.86198	17	16.8	16.31209	16.40313	16.23689	1.0548	1.2	0.9	10.04154	0.01401	10.03694	2.2E+08
16.86198	17	16.8	16.31209	16.40313	16.23689	1.0548	1.2	0.9	10.12496	0.00646	10.12	2.2E+08
16.9057	17	16.8	16.37308	16.45855	16.26459	1.01783	1.2	0.9	10.20839	0.02051	10.20361	2.2E+08
16.9057	17	16.8	16.37308	16.45855	16.26459	1.01783	1.2	0.9	10.29182	0.03454	10.28666	2.2E+08
16.91679	17	16.8	16.41454	16.48626	16.34772	1.01008	1.2	0.9	10.37525	0.0205	10.37	2.2E+08
16.84028	17	16.69999	16.44117	16.51397	16.40313	1.10003	1.3	0.9	10.45867	0.03452	10.45361	2.2E+08
16.84028	17	16.69999	16.44117	16.51397	16.40313	1.10003	1.3	0.9	10.54213	0	10.53666	2.2E+08
16.7359	16.8	16.69999	16.44634	16.54167	16.40313	1.18444	1.3	1.1	10.62559	0.00654	10.62	2.2E+08
16.44402	16.69999	16.3	16.51525	16.6248	16.40313	1.4694	1.6	1.2	10.70903	0.01393	10.70361	2.2E+08
16.44402	16.69999	16.3	16.51525	16.6248	16.40313	1.4694	1.6	1.2	10.79245	0.03447	10.78666	2.2E+08
16.40671	16.5	16.4	16.44572	16.56938	16.34772	1.50337	1.6	1.4	10.87589	0.05501	10.87	2.2E+08
16.38321	16.4	16.19999	16.44207	16.51397	16.34772	1.5235	1.7	1.5	10.95931	0.06896	10.95361	2.2E+08
16.38321	16.4	16.19999	16.44207	16.51397	16.34772	1.5235	1.7	1.5	11.04276	0	11.03666	2.2E+08
16.34725	16.4	16.19999	16.42455	16.48626	16.34772	1.54937	1.7	1.4	11.12619	0.04108	11.12027	2.2E+08
16.34725	16.4	16.19999	16.42455	16.48626	16.34772	1.54937	1.7	1.4	11.20961	0.03447	11.20333	2.2E+08
16.34286	16.4	16.19999	16.45334	16.6248	16.34772	1.55376	1.7	1.4	11.29306	0.02788	11.28666	2.2E+08
16.38655	16.5	16.19999	16.49526	16.59709	16.40313	1.52015	1.7	1.4	11.37651	0.03447	11.37027	2.2E+08
16.38655	16.5	16.19999	16.49526	16.59709	16.40313	1.52015	1.7	1.4	11.45997	0.06896	11.45333	2.2E+08
16.42352	16.5	16.4	16.48794	16.56938	16.40313	1.50692	1.6	1.4	11.5434	0.04842	11.53694	2.2E+08
16.44032	16.5	16.4	16.45133	16.54167	16.40313	1.5395	1.6	1.4	11.62684	0	11.62027	2.2E+08
16.44032	16.5	16.4	16.45133	16.54167	16.40313	1.5395	1.6	1.4	11.71029	0	11.70333	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Ti	Filter ID
16.50438	16.69999	16.4	16.49979	16.6248	16.40313	1.49225	1.6	1.3	11.7937	0	11.78666	2.2E+08
16.53677	16.69999	16.4	16.59572	16.65251	16.54167	1.4834	1.8	1.3	11.87712	0.02172	11.87	2.2E+08
16.19999	16.3	16.1	16.70195	16.79105	16.6248	1.85418	2.1	1.7	11.96059	0	11.95361	2.2E+08
16.19999	16.3	16.1	16.70195	16.79105	16.6248	1.85418	2.1	1.7	12.04404	0	12.03666	2.2E+08
16.19664	16.19999	16.1	16.70862	16.81876	16.59709	1.89882	2.1	1.8	12.12744	0.06892	12.12	2.2E+08
16.19999	16.3	16.1	16.68535	16.76334	16.59709	1.87528	2.1	1.7	12.21087	0.02054	12.20361	2.2E+08
16.19999	16.3	16.1	16.68535	16.76334	16.59709	1.87528	2.1	1.7	12.29432	0.03448	12.28666	2.2E+08
16.33125	16.4	16.19999	16.73407	16.84646	16.59709	1.80111	2.1	1.6	12.37773	0.10351	12.37027	2.2E+08
16.33125	16.4	16.19999	16.73407	16.84646	16.59709	1.80111	2.1	1.6	12.46117	0.0895	12.45333	2.2E+08
16.34011	16.4	16.19999	16.76786	16.87417	16.68022	1.8386	2.1	1.6	12.54461	0.0066	12.53666	2.2E+08
16.38424	16.4	16.3	16.73101	16.81876	16.59709	1.92583	2	1.8	12.62804	0.06899	12.62027	2.2E+08
16.38424	16.4	16.3	16.73101	16.81876	16.59709	1.92583	2	1.8	12.71146	0.03448	12.70333	2.2E+08
16.39664	16.4	16.3	16.75179	16.84646	16.59709	1.93045	2.1	1.9	12.79489	0.06252	12.78666	2.2E+08
16.66964	16.8	16.4	16.72241	16.81876	16.59709	1.75746	2	1.6	12.87831	0.0345	12.87027	2.2E+08
16.79328	16.9	16.69999	16.68379	16.76334	16.56938	1.73023	1.8	1.6	12.96173	0.03454	12.95361	2.2E+08
16.8	16.9	16.69999	16.66025	16.73563	16.54167	1.78757	1.9	1.69999	13.04519	0.01404	13.03694	2.2E+08
16.8	16.9	16.69999	16.66025	16.73563	16.54167	1.78757	1.9	1.69999	13.12867	0.02672	13.12	2.2E+08
16.81008	16.9	16.8	16.71974	16.79105	16.54167	1.95113	2.1	1.69999	13.21208	0.01404	13.20333	2.2E+08
16.81006	16.9	16.8	16.75127	16.79105	16.68022	2.04928	2.1	1.8	13.29549	0.04101	13.28666	2.2E+08
16.87098	17	16.8	16.73732	16.79105	16.68022	2.03573	2.1	1.9	13.37891	0.02048	13.37027	2.2E+08
17	17.1	16.9	16.73736	16.84646	16.59709	1.96384	2.1	1.9	13.46232	0.08965	13.45333	2.2E+08
17.03382	17.1	17	16.75121	16.81876	16.68022	1.97391	2.19999	1.9	13.54576	0.03457	13.53666	2.2E+08
17.14364	17.3	17	16.66661	16.76334	16.54167	2.00799	2.19999	1.7	13.62917	0.02819	13.62027	2.2E+08
17.14364	17.3	17	16.66661	16.76334	16.54167	2.00799	2.19999	1.7	13.71257	0.06915	13.70333	2.2E+08
17.17725	17.4	17.1	16.6867	16.76334	16.54167	2.06306	2.3	1.8	13.79602	0	13.78666	2.2E+08
17.09663	17.1	17	16.74401	16.79105	16.6248	2.28859	2.4	2.09999	13.87945	0.03455	13.87027	2.2E+08
17.09663	17.1	17	16.74401	16.79105	16.6248	2.28859	2.4	2.09999	13.96284	0.00637	13.95333	2.2E+08
17.14364	17.4	17.1	16.69515	16.79105	16.56938	2.30575	2.4	2	14.04624	0	14.03694	2.2E+08
17.14364	17.4	17.1	16.69515	16.79105	16.56938	2.30575	2.4	2	14.12972	0.02819	14.12	2.2E+08
17.12014	17.3	17.1	16.57125	16.68022	16.45855	2.42039	2.49999	2.2	14.21313	0.03456	14.20361	2.2E+08
17.12014	17.3	17.1	16.57125	16.68022	16.45855	2.42039	2.49999	2.2	14.29654	0	14.28666	2.2E+08
17.16035	17.3	17.1	16.5723	16.70792	16.43084	2.44972	2.59999	2.3	14.37999	0	14.37027	2.2E+08
17.16035	17.3	17.1	16.5723	16.70792	16.43084	2.44972	2.59999	2.19999	14.46342	0.03456	14.45361	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.22276	17.4	17.1	16.63726	16.73563	16.54167	2.39637	2.59999	2.19999	14.54685	0.02689	14.53694	2.2E+08
17.25971	17.4	17.1	16.70111	16.79105	16.59709	2.38418	2.59999	2.19999	14.63027	0	14.62027	2.2E+08
17.25971	17.4	17.1	16.70111	16.79105	16.59709	2.38418	2.59999	2.19999	14.71367	0.03455	14.70333	2.2E+08
17.26529	17.4	17.1	16.641	16.76334	16.54167	2.43134	2.59999	2.19999	14.79708	0	14.78694	2.2E+08
17.26529	17.4	17.1	16.641	16.76334	16.54167	2.43134	2.59999	2.19999	14.88055	0.00778	14.87027	2.2E+08
17.37314	17.4	17.1	16.69823	16.79105	16.59709	2.31338	2.59999	2.19999	14.96399	0.04872	14.95333	2.2E+08
17.37313	17.4	17.1	16.62861	16.73563	16.51397	2.32686	2.59999	2.3	15.04743	0.01413	15.03666	2.2E+08
17.44029	17.5	17.4	16.56903	16.70792	16.45855	2.26306	2.5	2.19999	15.13083	0.01413	15.12027	2.2E+08
17.44726	17.5	17.3	16.53901	16.68022	16.40313	2.26282	2.5	2.19999	15.21425	0.01413	15.20333	2.2E+08
17.39665	17.4	17.3	16.57132	16.65251	16.48626	2.36407	2.6	2.3	15.29773	0	15.28694	2.2E+08
17.39665	17.4	17.3	16.57132	16.65251	16.48626	2.36407	2.6	2.3	15.3812	0.02046	15.37	2.2E+08
17.4235	17.5	17.4	16.50712	16.59709	16.43084	2.44543	2.6	2.3	15.46465	0.03459	15.45361	2.2E+08
17.4235	17.5	17.4	16.50712	16.59709	16.43084	2.44543	2.6	2.3	15.54808	0.02046	15.53666	2.2E+08
17.50772	17.6	17.4	16.46585	16.54167	16.40313	2.40779	2.6	2.19999	15.63152	0.02046	15.62027	2.2E+08
17.50772	17.6	17.4	16.46585	16.54167	16.40313	2.40779	2.6	2.19999	15.71502	0	15.70333	2.2E+08
17.54391	17.6	17.5	16.4982	16.65251	16.40313	2.39765	2.6	2.19999	15.79851	0.00778	15.78694	2.2E+08
17.47648	17.6	17.4	16.49255	16.59709	16.43084	2.52686	2.6	2.4	15.88196	0.05507	15.87027	2.2E+08
17.47648	17.6	17.4	16.49255	16.59709	16.43084	2.52686	2.6	2.4	15.96539	0	15.95333	2.2E+08
17.45969	17.5	17.4	16.52421	16.6248	16.40313	2.54366	2.69999	2.5	16.04881	0.01413	16.03666	2.2E+08
17.47959	17.5	17.4	16.50926	16.6248	16.43084	2.54054	2.6	2.5	16.13225	0.04876	16.12	2.2E+08
17.41007	17.5	17.3	16.55992	16.68022	16.43084	2.61679	2.7	2.5	16.21568	0.03462	16.20361	2.2E+08
17.41007	17.5	17.3	16.55992	16.68022	16.43084	2.61679	2.69999	2.5	16.29912	0	16.28694	2.2E+08
17.42685	17.5	17.4	16.56583	16.70792	16.45855	2.59665	2.69999	2.5	16.38255	0.01412	16.37	2.2E+08
17.47648	17.5	17.4	16.52451	16.6248	16.43084	2.53693	2.69999	2.5	16.46576	0.0346	16.45361	2.2E+08
17.47648	17.5	17.4	16.52451	16.6248	16.43084	2.53693	2.69999	2.5	16.54897	0.03459	16.53666	2.2E+08
17.50335	17.6	17.5	16.57763	16.68022	16.48626	2.52016	2.59999	2.4	16.63217	0	16.62027	2.2E+08
17.50335	17.6	17.5	16.57763	16.68022	16.48626	2.52016	2.59999	2.4	16.71537	0.0692	16.70333	2.2E+08
17.52349	17.6	17.5	16.47113	16.56938	16.40313	2.48322	2.59999	2.4	16.79858	0.01415	16.78666	2.2E+08
17.55038	17.6	17.5	16.44585	16.51397	16.37543	2.45968	2.59999	2.4	16.88178	0.10376	16.87	2.2E+08
17.63697	17.69999	17.5	16.41255	16.48626	16.2923	2.3798	2.5	2.3	16.96498	0.02046	16.95361	2.2E+08
17.63697	17.69999	17.5	16.41255	16.48626	16.2923	2.3798	2.5	2.3	17.04819	0	17.03666	2.2E+08
17.66071	17.69999	17.6	16.3912	16.48626	16.2923	2.4	2.49999	2.3	17.13139	0	17.12027	2.2E+08
17.66071	17.69999	17.6	16.3912	16.48626	16.2923	2.4	2.49999	2.3	17.21459	0.06931	17.20333	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.74408	18	17.6	16.33292	16.45855	16.12605	2.33912	2.49999	2	17.2978	0.0346	17.28666	2.2E+08
17.91243	18	17.69999	16.30621	16.43084	16.09835	2.22452	2.5	2	17.381	0.00778	17.37027	2.2E+08
17.91243	18	17.69999	16.30621	16.43084	16.09835	2.22452	2.5	2	17.4642	0.03464	17.45333	2.2E+08
18.11677	18.3	18.1	16.38819	16.48626	16.26459	2.16643	2.3	1.99999	17.54741	0.04244	17.53694	2.2E+08
18.13023	18.19999	18.1	16.16972	16.34772	15.98751	2.16977	2.3	2	17.63061	0.03469	17.62027	2.2E+08
18.22764	18.3	18.1	16.03919	16.20918	15.9321	2.15707	2.49999	2	17.71381	0.00615	17.70361	2.2E+08
18.22764	18.3	18.1	16.03919	16.20918	15.9321	2.15707	2.49999	2	17.79702	0.05507	17.78666	2.2E+08
18.30148	18.5	18.1	16.07143	16.2923	15.95981	2.30214	2.49999	2.09999	17.88022	0.02856	17.87027	2.2E+08
18.30148	18.5	18.1	16.07143	16.2923	15.95981	2.30214	2.49999	2.09999	17.96342	0.01426	17.95333	2.2E+08
18.25041	18.5	18.1	16.05744	16.20918	15.95981	2.40928	2.59999	2.19999	18.04663	0	18.03666	2.2E+08
18.20769	18.3	18.1	15.98827	16.15376	15.90439	2.49229	2.7	2.4	18.12983	0.03467	18.12027	2.2E+08
18.30673	18.5	18.19999	16.02075	16.15376	15.9321	2.58991	2.7	2.4	18.21304	0.03469	18.20361	2.2E+08
18.30673	18.5	18.19999	16.02075	16.15376	15.9321	2.58991	2.7	2.4	18.29624	0.03469	18.28666	2.2E+08
18.27985	18.5	18.1	16.0233	16.23689	15.9321	2.66045	2.8	2.5	18.37944	0	18.37	2.2E+08
18.58656	18.8	18.3	15.98393	16.15376	15.87668	2.4178	2.6	2.1	18.46265	0.03473	18.45333	2.2E+08
18.7775	18.9	18.69999	15.91889	16.01522	15.82127	2.35733	2.6	2.1	18.54585	0.03472	18.53666	2.2E+08
18.82378	19.19999	18.69999	15.91102	16.01522	15.82127	2.46042	2.8	1.9	18.62905	0.06288	18.62027	2.2E+08
18.81186	19.1	18.6	15.82518	15.87668	15.76585	2.52535	2.8	1.9	18.71226	0	18.70333	2.2E+08
18.81215	19.1	18.6	15.7773	15.84897	15.59961	2.56768	2.8	2.3	18.79547	0.02815	18.78666	2.2E+08
18.82011	19.1	18.69999	15.83924	15.90439	15.79356	2.6768	2.9	2.3	18.87867	0.02037	18.87027	2.2E+08
18.80336	18.9	18.69999	15.84025	15.9321	15.76585	2.75297	2.9	2.6	18.96187	0.01436	18.95361	2.2E+08
18.80336	18.9	18.69999	15.84025	15.9321	15.76585	2.75297	2.9	2.6	19.04508	0.02637	19.03666	2.2E+08
18.77985	19.1	18.69999	15.83203	15.90439	15.76585	2.79384	3	2.4	19.12828	0.02034	19.12027	2.2E+08
19.10672	19.19999	19.1	15.737	15.84897	15.62731	2.58816	2.8	2.4	19.21148	0	19.20361	2.2E+08
19.10672	19.19999	19.1	15.737	15.84897	15.62731	2.58816	2.8	2.4	19.29469	0.02813	19.28666	2.2E+08
19.16336	19.3	19.1	15.79949	15.87668	15.71043	2.75372	2.9	2.6	19.37789	0.01445	19.37027	2.2E+08
19.16336	19.3	19.1	15.79949	15.87668	15.71043	2.75372	2.9	2.6	19.46109	0.03476	19.45333	2.2E+08
19.39885	19.5	19.19999	15.78381	15.84897	15.68273	2.62828	2.8	2.5	19.54429	0.04257	19.53694	2.2E+08
19.39885	19.5	19.19999	15.78381	15.84897	15.68273	2.62828	2.8	2.5	19.6275	0.03478	19.62	2.2E+08
19.39226	19.5	19.3	15.76762	15.84897	15.65502	2.91238	3.1	2.69999	19.7107	0.03481	19.70361	2.2E+08
19.39226	19.5	19.3	15.76762	15.84897	15.65502	2.91238	3.1	2.69999	19.79391	0.02034	19.78666	2.2E+08
19.57885	19.8	19.3	15.90975	16.04293	15.82127	2.98859	3.2	2.8	19.87711	0.02029	19.87027	2.2E+08
19.57885	19.8	19.3	15.90975	16.04293	15.82127	2.98859	3.2	2.8	19.96032	0.00582	19.95333	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.57526	19.8	19.4	15.92702	16.12605	15.82127	3.06866	3.3	2.8	20.04352	0.03485	20.03666	2.2E+08
19.74966	19.9	19.5	15.97091	16.20918	15.82127	3.11597	3.5	2.9	20.12672	0.03483	20.12027	2.2E+08
19.74966	19.9	19.5	15.97091	16.20918	15.82127	3.11597	3.5	2.9	20.20993	0.0203	20.20333	2.2E+08
19.90233	20.1	19.69999	16.02004	16.23689	15.84897	3.10773	3.3	2.9	20.29313	0	20.28694	2.2E+08
19.90233	20.1	19.69999	16.02004	16.23689	15.84897	3.10773	3.3	2.9	20.37633	0	20.37	2.2E+08
20.07048	20.3	20	16.08342	16.32001	15.87668	2.96005	3.09999	2.7	20.45954	0.02034	20.45333	2.2E+08
19.58858	20	19.3	16.34492	16.48626	16.20918	3.58894	4	3.59999	20.54274	0.05513	20.53694	2.2E+08
19.37848	19.5	19.19999	16.29685	16.37543	16.20918	3.7071	4	3.5	20.62594	0.03482	20.62027	2.2E+08
19.37848	19.5	19.19999	16.29685	16.37543	16.20918	3.7071	4	3.5	20.70915	0.00778	20.70333	2.2E+08
20.10189	20.5	19.69999	16.0249	16.23689	15.79356	3.64177	3.3	2.59999	20.79235	0.03492	20.78694	2.2E+08
20.10189	20.5	19.69999	16.0249	16.23689	15.79356	2.91856	3.3	2.59999	20.87556	0.01477	20.87	2.2E+08
20.92064	21.1	20.69999	16.21272	16.34772	16.01522	2.3367	2.6	2.19999	20.95876	0.02021	20.95361	2.2E+08
20.92064	21.1	20.69999	16.21272	16.34772	16.01522	2.3367	2.6	2.19999	21.04196	0.03495	21.03666	2.2E+08
20.308	20.6	20.1	16.56967	16.68022	16.40313	3.39303	3.69999	2.99999	21.12517	0.05517	21.12027	2.2E+08
20.53955	20.69999	20.3	16.54169	16.6248	16.43084	3.29193	3.4	3.09999	21.20837	0.02024	21.20361	2.2E+08
20.53955	20.69999	20.3	16.54169	16.6248	16.43084	3.29193	3.4	3.09999	21.29157	0.02026	21.28666	2.2E+08
20.26231	20.6	19.9	16.63214	16.70792	16.54167	3.62762	4	3.3	21.37477	0.07545	21.37027	2.2E+08
20.26231	20.6	19.9	16.63214	16.70792	16.54167	3.62762	4	3.3	21.45798	0.03501	21.45333	2.2E+08
20.64671	21	20.4	16.64833	16.70792	16.59709	3.31128	3.6	2.9	21.54118	0.04964	21.53694	2.2E+08
20.64671	21	20.4	16.64833	16.70792	16.59709	3.31128	3.6	2.9	21.62438	0.0148	21.62	2.2E+08
20.80589	21.3	20.4	16.65366	16.76334	16.48626	3.21221	3.69999	2.7	21.70759	0.07034	21.70333	2.2E+08
22.31547	22.5	22.1	16.56666	16.68022	16.40313	2.00627	2.3	1.69999	21.79079	0.02013	21.78694	2.2E+08
22.31547	22.5	22.1	16.56666	16.68022	16.40313	2.00627	2.3	1.69999	21.874	0	21.87	2.2E+08
21.56049	21.9	21	16.86597	17.01271	16.68022	3.26563	4	2.8	21.9572	0.07005	21.95361	2.2E+08
21.56049	21.9	21	16.86597	17.01271	16.68022	3.26563	4	2.8	22.04041	0.03513	22.03666	2.2E+08
21.7057	22.1	21.3	16.89443	16.9573	16.79105	3.36508	3.8	2.9	22.12362	0.06046	22.12027	2.2E+08
21.7057	22.1	21.3	16.89443	16.9573	16.79105	3.36508	3.8	2.9	22.20682	0.06046	22.20333	2.2E+08
22.29898	22.5	21.9	16.88745	16.9573	16.81876	2.88251	3.19999	2.69999	22.29002	0.01507	22.28694	2.2E+08
22.29898	22.5	21.9	16.88745	16.9573	16.81876	2.88251	3.3	2.8	22.37323	0	22.37027	2.2E+08
22.33389	22.69999	22.1	16.92624	17.01271	16.87417	3.09024	3.3	2.8	22.45643	0.01515	22.45333	2.2E+08
22.27184	22.9	21.69999	17.16685	17.28979	17.04042	3.54326	4.3	2.8	22.53963	0.02016	22.53694	2.2E+08
22.27184	22.9	21.69999	17.16685	17.28979	17.04042	3.54326	4.3	2.8	22.62284	0.02512	22.62	2.2E+08
22.29198	22.4	22.1	17.12361	17.26208	16.985	3.54225	3.8	3.3	22.70604	0.10549	22.70361	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
22.33834	22.5	22.1	17.01615	17.15125	16.92959	3.38514	3.69999	3.19999	22.78924	0	22.78694	2.2E+08
22.33834	22.5	22.1	17.01615	17.15125	16.92959	3.38514	3.69999	3.19999	22.87246	0	22.87	2.2E+08
22.40814	22.69999	22.1	17.06803	17.17896	16.9573	3.30191	3.59999	2.9	22.95566	0.04299	22.95361	2.2E+08
22.40814	22.69999	22.1	17.06803	17.17896	16.9573	3.30191	3.59999	2.9	23.03888	0.04032	23.03666	2.2E+08
22.20026	22.69999	21.69999	17.16055	17.28979	16.9573	3.56682	4	3.3	23.12208	0.02013	23.12027	2.2E+08
22.14095	22.4	21.8	17.17393	17.28979	17.01271	3.56912	4	3.3	23.20528	0	23.20333	2.2E+08
22.39433	22.69999	22.19999	17.08775	17.20666	16.9573	3.29224	3.5	3	23.28848	0	23.28666	2.2E+08
22.69329	22.8	22.4	17.10521	17.26208	16.9573	3.04396	3.3	2.9	23.37169	0.01514	23.37	2.2E+08
22.82416	23	22.69999	17.18564	17.28979	17.06813	3.19188	4	3.2	23.45489	0.03518	23.45361	2.2E+08
22.57819	22.8	22.1	17.22276	17.28979	17.12354	3.51411	4	3.2	23.5381	0.01503	23.53666	2.2E+08
22.24763	22.5	22.1	17.18122	17.28979	16.985	3.73156	3.9	3.3	23.6213	0.10561	23.62027	2.2E+08
22.3587	22.5	22.1	17.13811	17.23437	17.04042	3.47449	3.8	3.3	23.7045	0.04026	23.70361	2.2E+08
22.3587	22.5	22.1	17.13811	17.23437	17.04042	3.47449	3.8	3.3	23.78771	0.01508	23.78666	2.2E+08
22.35268	22.5	22.1	17.14565	17.26208	17.06813	3.38122	3.69999	3.19999	23.87091	0.08549	23.87	2.2E+08
22.46613	22.69999	22.3	17.16276	17.26208	17.04042	3.24192	3.4	3	23.95411	0	23.95361	2.2E+08
22.46613	22.69999	22.3	17.16276	17.26208	17.04042	3.24192	3.4	3	24.00159	0	24.00027	2.2E+08
22.7483	22.9	22.4	0	0	0	2.95504	3.3	2.8	24.00159	0	24.00027	2.2E+08
22.7483	22.9	22.4	0	0	0	2.95504	3.3	2.8	24.00159	0	24.00027	2.2E+08
22.63292	23	22.19999	0	0	0	3.33322	3.6	3.09999	24.00159	0	24.00027	2.2E+08
22.9319	23.1	22.8	0	0	0	3.10869	3.3	2.99999	24.00159	0	24.00027	2.2E+08
22.82383	23.1	22.5	0	0	0	3.27314	3.59999	2.99999	24.00159	0	24.00027	2.2E+08
22.49293	23	22.1	0	0	0	3.57818	3.9	3.19999	24.00159	0	24.00027	2.2E+08
22.12714	22.3	21.8	0	0	0	3.61176	3.9	3.4	24.00159	0	24.00027	2.2E+08
21.82315	22.1	21.69999	0	0	0	3.73252	3.9	3.49999	24.00159	0	24.00027	2.2E+08
21.70637	21.8	21.6	0	0	0	3.51141	3.8	3.1	24.00159	0	24.00027	2.2E+08
21.57015	21.69999	21.3	0	0	0	3.3983	3.8	3.1	24.00159	0	24.00027	2.2E+08
21.65319	21.8	21.5	0	0	0	2.97642	3.3	2.8	24.00159	0	24.00027	2.2E+08
21.99156	22.1	21.69999	0	0	0	2.49364	2.8	2.3	24.00159	0	24.00027	2.2E+08
22.0724	22.19999	21.9	0	0	0	2.27674	2.6	2.1	24.00159	0	24.00027	2.2E+08
22.04951	22.19999	21.8	0	0	0	2.34172	2.6	2.19999	24.00159	0	24.00027	2.2E+08
22.06527	22.19999	21.8	0	0	0	2.36167	2.7	2.19999	24.00159	0	24.00027	2.2E+08
21.89425	22.1	21.69999	0	0	0	2.54648	2.8	2.3	24.00159	0	24.00027	2.2E+08
21.93236	22.19999	21.8	0	0	0	2.52689	2.7	2.2	24.00159	0	24.00027	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
22.26939	22.4	22.1	0	0	0	2.16763	2.3	2	24.00159	0	24.00027	2.2E+08
22.21712	22.4	22.1	0	0	0	2.22698	2.4	2	0.03529	0.03715	0.03638	2.2E+08
22.09354	22.19999	21.8	5.9034	15.48877	0	2.26267	2.5	2.09999	0.1187	0.09052	0.11972	2.2E+08
22.06297	22.19999	21.8	15.23851	15.43335	15.07315	2.18316	2.5	1.9	0.20208	0.03514	0.20305	2.2E+08
21.9665	22.4	21.5	15.1032	15.21169	15.04544	2.15399	3.1	2.4	0.28545	0	0.28666	2.2E+08
21.09767	21.6	20.9	15.10689	15.2394	15.01773	2.8922	3.1	2.4	0.36882	0.03501	0.36972	2.2E+08
20.73566	21	20.5	15.08889	15.2394	14.93461	3.10168	3.3	2.9	0.4522	0.00691	0.45305	2.2E+08
20.55384	20.69999	20.5	15.08961	15.2394	14.90691	3.10538	3.19999	2.99999	0.53557	0.03497	0.53638	2.2E+08
20.31641	20.5	20	15.03385	15.18398	14.90691	2.97349	3.3	2.8	0.61895	0	0.62	2.2E+08
20.31641	20.5	20	15.03385	15.18398	14.90691	2.97349	3.3	2.8	0.70233	0.03496	0.70305	2.2E+08
20.07444	20.3	20	15.05631	15.18398	14.90691	3.02918	3.3	2.7	0.78571	0.05524	0.78638	2.2E+08
19.95217	20.3	19.8	14.92257	15.01773	14.85149	2.88514	3.1	2.69999	0.8691	0	0.87	2.2E+08
19.95217	20.3	19.8	14.92257	15.01773	14.85149	2.88514	3.1	2.69999	0.95247	0.02029	0.95305	2.2E+08
19.78815	19.9	19.69999	14.91953	15.01773	14.76836	2.82155	2.9	2.69999	1.03585	0.03489	1.03666	2.2E+08
19.78815	19.9	19.69999	14.91953	15.01773	14.76836	2.82155	3.19999	2.8	1.1192	0.02032	1.11972	2.2E+08
19.53732	19.69999	19.4	14.96123	15.07315	14.8792	2.99635	3.19999	2.8	1.20256	0.11035	1.20305	2.2E+08
19.47403	19.69999	19.4	14.96494	15.07315	14.8792	2.94477	3	2.69999	1.28593	0	1.28666	2.2E+08
19.41348	19.5	19.19999	15.00902	15.10086	14.90691	2.85456	3	2.69999	1.36929	0.01448	1.36972	2.2E+08
19.08881	19.19999	18.8	15.02474	15.15628	14.90691	2.8805	3.1	2.8	1.45267	0.04072	1.45333	2.2E+08
19.08881	19.19999	18.8	15.02474	15.15628	14.90691	2.8805	3.1	2.49999	1.53605	0.06955	1.53638	2.2E+08
18.94468	19.1	18.8	14.97058	15.10086	14.8792	2.89695	3.1	2.49999	1.61943	0	1.61972	2.2E+08
18.74915	18.8	18.69999	15.03703	15.18398	14.8792	2.73566	2.9	2.6	1.7028	0.01442	1.70333	2.2E+08
18.74915	18.8	18.69999	15.03703	15.18398	14.8792	2.73566	2.9	2.6	1.78616	0	1.78638	2.2E+08
18.70296	18.8	18.6	15.08915	15.18398	14.99002	2.65961	2.8	2.6	1.86953	0	1.86972	2.2E+08
18.52352	18.69999	18.3	15.12291	15.21169	15.01773	2.57412	3	2.3	1.95289	0.03477	1.95333	2.2E+08
18.52352	18.69999	18.3	15.12291	15.21169	15.01773	2.57412	3	2.3	2.03625	0.0408	2.03638	2.2E+08
18.42518	18.6	18.19999	15.22054	15.29481	15.15628	2.47008	2.7	2.3	2.1196	0.03475	2.11972	2.2E+08
18.21847	18.3	18.1	15.22822	15.29481	15.15628	2.41384	2.59999	2.3	2.20297	0.04903	2.20333	2.2E+08
18.21847	18.3	18.1	15.22822	15.29481	15.15628	2.41384	2.59999	2.3	2.28637	0.03469	2.28638	2.2E+08
17.90798	18	17.69999	15.24577	15.37794	15.18398	2.4519	2.7	2.3	2.36973	0	2.37	2.2E+08
17.90798	18	17.69999	15.24577	15.37794	15.18398	2.4519	2.7	2.3	2.4531	0.03468	2.45305	2.2E+08
17.63905	17.69999	17.5	15.33246	15.40565	15.2394	2.52019	2.8	2.4	2.53648	0	2.53666	2.2E+08
17.63905	17.69999	17.5	15.33246	15.40565	15.2394	2.52019	2.8	2.4	2.61987	0.03463	2.61972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.55921	17.6	17.5	15.34377	15.43335	15.2394	2.4731	2.5	2.09999	2.70324	0	2.70333	2.2E+08
17.52016	17.6	17.5	15.34282	15.40565	15.26711	2.43276	2.5	2.09999	2.78662	0.05511	2.78638	2.2E+08
17.55922	17.69999	17.5	15.29211	15.40565	15.21169	2.1172	2.19999	1.99999	2.87001	0.02046	2.87	2.2E+08
17.55922	17.69999	17.5	15.29211	15.40565	15.21169	2.1172	2.19999	1.99999	2.95341	0	2.95305	2.2E+08
17.57742	17.6	17.5	15.3228	15.40565	15.21169	2.01784	2.19999	1.9	3.03681	0	3.03638	2.2E+08
17.59797	17.69999	17.5	15.35001	15.43335	15.18398	1.94107	2	1.7	3.12021	0	3.11972	2.2E+08
17.67782	17.69999	17.6	15.25542	15.32252	15.18398	1.71208	1.8	1.5	3.20356	0.06932	3.20333	2.2E+08
17.67782	17.69999	17.6	15.25542	15.32252	15.18398	1.71208	1.8	1.5	3.28695	0	3.28638	2.2E+08
17.72775	17.9	17.69999	15.09289	15.21169	14.99002	1.55046	1.7	1.3	3.37032	0.03464	3.37	2.2E+08
17.76455	17.9	17.69999	15.02228	15.18398	14.90691	1.47982	1.7	1.3	3.45368	0.03464	3.45333	2.2E+08
17.63901	17.69999	17.6	15.16554	15.21169	15.07315	1.55087	1.59999	1.4	3.53708	0.03462	3.53666	2.2E+08
17.63901	17.69999	17.6	15.16554	15.21169	15.07315	1.55087	1.59999	1.4	3.62046	0.02045	3.61972	2.2E+08
17.539	17.6	17.5	15.18695	15.2394	15.10086	1.65427	1.69999	1.49999	3.70384	0.03463	3.70305	2.2E+08
17.51344	17.6	17.5	15.17514	15.2394	15.10086	1.56462	1.69999	1.4	3.7872	0.02045	3.78666	2.2E+08
17.51344	17.6	17.5	15.17514	15.2394	15.10086	1.56462	1.69999	1.4	3.87056	0	3.87	2.2E+08
17.45255	17.5	17.4	15.23071	15.35023	15.15628	1.54744	1.6	1.5	3.95395	0.0346	3.95333	2.2E+08
17.45255	17.5	17.4	15.23071	15.35023	15.15628	1.54744	1.6	1.5	4.03733	0.01413	4.03638	2.2E+08
17.4307	17.5	17.4	15.19644	15.29481	15.07315	1.56929	1.6	1.5	4.12072	0	4.11972	2.2E+08
17.40159	17.5	17.3	15.20759	15.32252	15.12857	1.56103	1.7	1.5	4.20408	0	4.20305	2.2E+08
17.23609	17.4	17.1	15.21013	15.29481	15.12857	1.71774	1.9	1.5	4.28743	0.04096	4.28638	2.2E+08
17.26229	17.4	17.1	15.30876	15.40565	15.15628	1.62762	1.8	1.5	4.37079	0	4.37	2.2E+08
17.23523	17.4	17.1	15.36209	15.40565	15.29481	1.65804	1.8	1.5	4.45417	0.04096	4.45333	2.2E+08
17.23523	17.4	17.1	15.36209	15.40565	15.29481	1.65804	1.8	1.5	4.53754	0	4.53638	2.2E+08
17.35695	17.5	17.1	15.31154	15.40565	15.18398	1.52285	1.8	1.4	4.6209	0	4.61972	2.2E+08
17.45762	17.5	17.4	15.22017	15.35023	15.10086	1.40751	1.5	1.09999	4.70426	0.02047	4.70305	2.2E+08
17.48276	17.5	17.4	15.25691	15.35023	15.18398	1.29702	1.5	1.09999	4.78761	0.0078	4.78666	2.2E+08
17.48276	17.5	17.4	15.25691	15.35023	15.18398	1.29702	1.5	1.09999	4.87098	0.03459	4.86972	2.2E+08
17.44037	17.5	17.4	15.28745	15.40565	15.15628	1.29826	1.5	1.09999	4.95436	0.05506	4.95305	2.2E+08
17.39663	17.5	17.3	15.1615	15.26711	15.07315	1.25785	1.5	1.09999	5.03772	0	5.03666	2.2E+08
17.39663	17.5	17.3	15.1615	15.26711	15.07315	1.25785	1.5	1.09999	5.12108	0	5.11972	2.2E+08
17.45425	17.5	17.4	15.23582	15.35023	15.15628	1.15334	1.3	1.09999	5.20444	0.05507	5.20333	2.2E+08
17.45425	17.5	17.4	15.23582	15.35023	15.15628	1.15334	1.3	1.09999	5.28779	0	5.28638	2.2E+08
17.41209	17.5	17.4	15.25911	15.37794	15.12857	1.17845	1.3	1.09999	5.37115	0.03461	5.36972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.17735	17.4	17.1	15.34369	15.40565	15.2394	1.3751	1.49999	1.1	5.45452	0	5.45333	2.2E+08
17.17735	17.4	17.1	15.34369	15.40565	15.2394	1.3751	1.59999	1.4	5.53789	0.03455	5.53666	2.2E+08
17.05964	17.1	17	15.3107	15.37794	15.21169	1.46768	1.59999	1.4	5.62125	0	5.61972	2.2E+08
17.00537	17.1	16.9	15.34505	15.40565	15.26711	1.48993	1.6	1.3	5.7046	0.08959	5.70305	2.2E+08
16.86434	17	16.8	15.37806	15.46106	15.29481	1.59818	1.7	1.4	5.78797	0	5.78666	2.2E+08
16.86434	17	16.8	15.37806	15.46106	15.29481	1.59818	1.7	1.4	5.87134	0.03455	5.86972	2.2E+08
16.88992	17	16.8	15.4244	15.5719	15.32252	1.51007	1.6	1.4	5.95471	0.03455	5.95305	2.2E+08
17.02691	17.1	17	15.37583	15.46106	15.32252	1.33567	1.4	1.19999	6.03807	0	6.03666	2.2E+08
17.02691	17.1	17	15.37583	15.46106	15.32252	1.33567	1.5	1.3	6.12143	0.02049	6.12	2.2E+08
16.97644	17.1	16.9	15.38868	15.46106	15.32252	1.36432	1.5	1.3	6.2048	0.0205	6.20305	2.2E+08
17.00001	17.1	16.9	15.38265	15.51648	15.29481	1.31546	1.4	1.19999	6.28815	0	6.28666	2.2E+08
17.00001	17.1	16.9	15.38265	15.51648	15.29481	1.31546	1.4	1.19999	6.3715	0	6.36972	2.2E+08
16.87471	17	16.8	15.37347	15.43335	15.32252	1.4105	1.5	1.19999	6.45486	0.06907	6.45333	2.2E+08
16.87471	17	16.8	15.37347	15.43335	15.32252	1.4105	1.5	1.19999	6.53821	0	6.53638	2.2E+08
16.80336	17	16.69999	15.3671	15.43335	15.29481	1.46702	1.6	1.2	6.62158	0.04101	6.61972	2.2E+08
16.9899	17.1	16.8	15.40528	15.54419	15.35023	1.23023	1.5	1	6.70495	0	6.70333	2.2E+08
16.9899	17.1	16.8	15.40528	15.54419	15.35023	1.23023	1.5	1	6.78832	0.06911	6.78638	2.2E+08
17.01009	17.1	17	15.4178	15.48877	15.32252	1.18024	1.3	1	6.87167	0.0078	6.86972	2.2E+08
17	17	17	15.38002	15.46106	15.32252	1.16162	1.3	1	6.95504	0	6.95305	2.2E+08
16.97647	17	16.8	15.40959	15.51648	15.32252	1.12506	1.4	0.9	7.03839	0.00646	7.03638	2.2E+08
16.95876	17.1	16.8	15.42635	15.51648	15.29481	1.10599	1.4	0.9	7.12174	0.0345	7.11972	2.2E+08
16.72557	16.8	16.69999	15.42651	15.54419	15.35023	1.3457	1.5	1.2	7.2051	0	7.20305	2.2E+08
16.67222	16.69999	16.5	15.49598	15.5719	15.37794	1.41186	1.8	1.2	7.28848	0.069	7.28638	2.2E+08
16.6018	16.69999	16.5	15.60582	15.71043	15.51648	1.452	1.69999	1.3	7.37185	0.03448	7.37	2.2E+08
16.5242	16.69999	16.4	15.60763	15.68273	15.48877	1.50358	1.69999	1.3	7.45523	0.00736	7.45305	2.2E+08
16.4408	16.5	16.4	15.5945	15.68273	15.46106	1.55919	1.6	1.5	7.5386	0	7.53666	2.2E+08
16.4408	16.5	16.4	15.5945	15.68273	15.46106	1.55919	1.8	1.4	7.62197	0.03448	7.62	2.2E+08
16.44237	16.5	16.4	15.58313	15.68273	15.46106	1.55089	1.8	1.4	7.70533	0	7.70305	2.2E+08
16.48273	16.69999	16.4	15.4584	15.5719	15.35023	1.4529	1.6	1.3	7.7887	0.02054	7.78666	2.2E+08
16.48273	16.69999	16.4	15.4584	15.5719	15.35023	1.4529	1.6	1.4	7.87207	0	7.87	2.2E+08
16.41009	16.5	16.4	15.4634	15.5719	15.37794	1.51009	1.6	1.4	7.95543	0.11008	7.95305	2.2E+08
16.56854	16.69999	16.4	15.49272	15.59961	15.37794	1.33145	1.5	1.2	8.03879	0.05503	8.03639	2.2E+08
16.54129	16.69999	16.4	15.53462	15.62731	15.43335	1.36542	1.5	1.2	8.12215	0.04845	8.12	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.52759	16.69999	16.4	15.56195	15.68273	15.40565	1.36905	1.5	1.2	8.20552	0.02798	8.20305	2.2E+08
16.49953	16.69999	16.4	15.61667	15.71043	15.51648	1.38993	1.5	1.2	8.28894	0.04845	8.28639	2.2E+08
16.43743	16.5	16.4	15.64511	15.71043	15.5719	1.39104	1.5	1.19999	8.37241	0	8.37	2.2E+08
16.46303	16.69999	16.4	15.59102	15.65502	15.48877	1.35802	1.5	1.19999	8.45584	0	8.45333	2.2E+08
16.46303	16.69999	16.4	15.59102	15.65502	15.48877	1.35802	1.5	1.19999	8.5393	0	8.53639	2.2E+08
16.43179	16.69999	16.3	15.60152	15.68273	15.54419	1.39938	1.5	1	8.62277	0.01394	8.62	2.2E+08
16.55609	16.69999	16.4	15.5977	15.68273	15.48877	1.23671	1.5	1	8.70618	0.01394	8.70333	2.2E+08
16.55609	16.69999	16.4	15.5977	15.68273	15.48877	1.23671	1.5	1	8.7896	0.06902	8.78639	2.2E+08
16.59145	16.69999	16.5	15.59089	15.68273	15.48877	1.15993	1.4	1	8.873	0.02793	8.87	2.2E+08
16.62875	16.69999	16.5	15.60156	15.68273	15.48877	1.12568	1.4	1	8.95641	0.00653	8.95305	2.2E+08
16.56479	16.69999	16.4	15.60778	15.68273	15.51648	1.15536	1.3	1	9.03981	0	9.03666	2.2E+08
16.56479	16.69999	16.4	15.60778	15.68273	15.51648	1.15536	1.3	1	9.12323	0.04105	9.11972	2.2E+08
16.54867	16.69999	16.4	15.62582	15.71043	15.54419	1.1715	1.4	1	9.20664	0.00655	9.20305	2.2E+08
16.60584	16.69999	16.5	15.63964	15.71043	15.54419	1.12107	1.4	1	9.29005	0.03452	9.28639	2.2E+08
16.53696	16.69999	16.4	15.6639	15.71043	15.59961	1.1832	1.4	0.9	9.37347	0.08292	9.37	2.2E+08
16.53696	16.69999	16.4	15.6639	15.71043	15.59961	1.1832	1.4	0.9	9.45691	0.05503	9.45305	2.2E+08
16.38609	16.5	16.19999	15.63364	15.71043	15.5719	1.34082	1.5	1.19999	9.54034	0.05501	9.53666	2.2E+08
16.38609	16.5	16.19999	15.63364	15.71043	15.5719	1.34082	1.5	1.19999	9.62378	0	9.61972	2.2E+08
16.19329	16.19999	16.1	15.6718	15.73814	15.62731	1.5168	1.6	1.5	9.70726	0.01387	9.70333	2.2E+08
16.19329	16.19999	16.1	15.6718	15.73814	15.62731	1.5168	1.6	1.5	9.7907	0.01387	9.78639	2.2E+08
16.17309	16.19999	16.1	15.6975	15.84897	15.62731	1.51682	1.6	1.4	9.87412	0.05499	9.86972	2.2E+08
16.14573	16.19999	16.1	15.67725	15.76585	15.59961	1.50181	1.59999	1.4	9.95755	0.02056	9.95333	2.2E+08
16.14573	16.19999	16.1	15.67725	15.76585	15.59961	1.50181	1.59999	1.4	10.041	0	10.03639	2.2E+08
16.15629	16.19999	16.1	15.7098	15.79356	15.62731	1.44032	1.59999	1.2	10.12444	0	10.12	2.2E+08
16.15629	16.19999	16.1	15.7098	15.79356	15.62731	1.44032	1.59999	1.2	10.20787	0	10.20305	2.2E+08
16.18655	16.19999	16.1	15.76074	15.87668	15.68273	1.40335	1.5	1.2	10.2913	0.1034	10.28639	2.2E+08
16.18655	16.19999	16.1	15.76843	15.84897	15.65502	1.34524	1.49999	1.2	10.37476	0.03444	10.36972	2.2E+08
16.20337	16.3	16.1	15.7351	15.82127	15.65502	1.33211	1.4	1.2	10.4582	0.03448	10.45305	2.2E+08
16.56609	16.69999	16.4	15.8158	15.90439	15.71043	1.04059	1.19999	0.9	10.54163	0	10.53666	2.2E+08
16.56609	16.69999	16.4	15.8158	15.90439	15.71043	1.04059	1.19999	0.9	10.62507	0.01401	10.61972	2.2E+08
16.69193	16.8	16.5	15.8991	15.98751	15.73814	1.02249	1.3	0.9	10.7085	0.03452	10.70333	2.2E+08
16.69193	16.8	16.5	15.8991	15.98751	15.73814	1.02249	1.3	0.9	10.79194	0.01402	10.78639	2.2E+08
16.88112	17	16.69999	15.79367	15.9321	15.68273	1.05633	1.2	0.9	10.87537	0.07556	10.87	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.88112	17	16.69999	15.79367	15.9321	15.68273	1.05633	1.2	0.9	10.9588	0.03455	10.95305	2.2E+08
17.02352	17.1	17	15.82038	15.9321	15.68273	1.17965	1.3	0.9	11.04226	0.0078	11.03666	2.2E+08
17.02352	17.1	17	15.82038	15.9321	15.68273	1.17965	1.3	0.9	11.1257	0	11.11972	2.2E+08
17.01344	17.1	17	15.8406	15.9321	15.73814	1.32066	1.4	1.19999	11.20915	0.05503	11.20305	2.2E+08
16.96928	17.1	16.8	15.8501	15.95981	15.73814	1.43789	1.7	1.3	11.29258	0	11.28639	2.2E+08
16.96822	17.1	16.8	15.95922	16.04293	15.87668	1.56927	2.1	1.49999	11.37603	0.03455	11.37	2.2E+08
16.94046	17.1	16.8	15.95392	16.04293	15.84897	1.75138	2.1	1.49999	11.45947	0.03455	11.45305	2.2E+08
16.80673	16.9	16.8	15.99128	16.07064	15.90439	2.04756	2.1	1.8	11.5429	0.03455	11.53639	2.2E+08
16.82063	17	16.8	16.11775	16.32001	15.95981	2.14712	2.2	1.9	11.62633	0.03455	11.62	2.2E+08
16.82063	17	16.8	16.11775	16.32001	15.95981	2.14712	2.2	1.9	11.70976	0.0205	11.70305	2.2E+08
16.78271	16.8	16.69999	16.09064	16.26459	15.9321	2.28214	2.5	2.2	11.7932	0.04857	11.78666	2.2E+08
16.78271	16.8	16.69999	16.09064	16.26459	15.9321	2.28214	2.5	2.2	11.87663	0	11.86972	2.2E+08
16.77781	16.8	16.69999	16.23297	16.40313	16.07064	2.35828	2.5	2.2	11.96006	0.01404	11.95305	2.2E+08
16.77648	16.8	16.69999	16.17843	16.34772	15.98751	2.41006	2.5	2.3	12.04351	0.03452	12.03639	2.2E+08
16.79664	16.8	16.69999	16.15884	16.2923	16.01522	2.39611	2.5	2.3	12.12696	0	12.12	2.2E+08
16.78994	16.8	16.69999	15.98861	16.04293	15.90439	2.43021	2.6	2.4	12.2104	0	12.20333	2.2E+08
16.78994	16.8	16.69999	15.98861	16.04293	15.90439	2.43021	2.6	2.4	12.29386	0	12.28639	2.2E+08
16.81545	16.9	16.8	15.98705	16.04293	15.9321	2.41141	2.6	2.3	12.37735	0	12.37	2.2E+08
16.81545	16.9	16.8	15.98705	16.04293	15.9321	2.41141	2.6	2.3	12.46081	0.03452	12.45305	2.2E+08
16.83745	17	16.8	15.99716	16.09835	15.9321	2.41056	2.6	2.3	12.54427	0.05505	12.53639	2.2E+08
16.82888	17	16.8	15.98785	16.07064	15.9321	2.46353	2.6	2.19999	12.62775	0	12.61972	2.2E+08
16.7832	16.8	16.69999	16.00814	16.20918	15.9321	2.54184	2.7	2.4	12.7112	0	12.70333	2.2E+08
16.7832	16.8	16.69999	16.00814	16.20918	15.9321	2.54184	2.7	2.4	12.79465	0.01404	12.78639	2.2E+08
16.93225	17	16.8	15.98687	16.04293	15.90439	2.42068	2.6	2.19999	12.87808	0.0205	12.87	2.2E+08
16.93225	17	16.8	15.98687	16.04293	15.90439	2.42068	2.6	2.19999	12.96154	0.03455	12.95305	2.2E+08
17.01342	17.1	16.9	15.95042	16.01522	15.84897	2.37584	2.5	2.19999	13.04499	0.1037	13.03666	2.2E+08
17.01342	17.1	16.9	15.95042	16.01522	15.84897	2.37584	2.5	2.19999	13.12842	0.03455	13.11972	2.2E+08
17.04905	17.1	17	15.95875	16.01522	15.87668	2.35767	2.5	2.3	13.21185	0.02049	13.20333	2.2E+08
17.04905	17.1	17	15.95875	16.01522	15.87668	2.35767	2.5	2.3	13.29529	0.03455	13.28639	2.2E+08
17.00335	17.1	17	15.97672	16.04293	15.87668	2.39327	2.5	2.3	13.37872	0.03455	13.37	2.2E+08
17.00723	17.1	17	15.9836	16.07064	15.9321	2.39948	2.5	2.3	13.46215	0.03455	13.45305	2.2E+08
17.00201	17.1	16.9	15.98153	16.07064	15.90439	2.39799	2.5	2.3	13.54559	0.05505	13.53639	2.2E+08
16.9832	17	16.9	15.93658	15.98751	15.82127	2.41343	2.6	2.19999	13.62901	0	13.62	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.96252	17	16.8	15.94855	16.01522	15.84897	2.43075	2.6	2.19999	13.71242	0	13.70305	2.2E+08
16.94318	17.1	16.8	15.97988	16.04293	15.9321	2.44673	2.6	2.19999	13.79584	0.03453	13.78639	2.2E+08
16.73564	16.8	16.69999	15.96763	16.04293	15.90439	2.56248	2.7	2.4	13.87925	0.0205	13.87	2.2E+08
16.73564	16.8	16.69999	15.96763	16.04293	15.90439	2.56248	2.7	2.4	13.96267	0.0345	13.95305	2.2E+08
16.67983	16.69999	16.5	15.99179	16.09835	15.87668	2.54706	2.7	2.5	14.04609	0	14.03666	2.2E+08
16.67983	16.69999	16.5	15.99179	16.09835	15.87668	2.54706	2.7	2.5	14.12951	0.07556	14.11972	2.2E+08
16.67984	16.69999	16.5	16.02942	16.15376	15.9321	2.51678	2.69999	2.4	14.21292	0.02793	14.20305	2.2E+08
16.68553	16.69999	16.5	15.99908	16.09835	15.9321	2.50438	2.8	2.3	14.29635	0	14.28666	2.2E+08
16.68319	16.8	16.5	15.98896	16.04293	15.9321	2.37795	2.69999	2.3	14.37981	0	14.37	2.2E+08
16.68319	16.8	16.5	15.98896	16.04293	15.9321	2.37795	2.69999	2.3	14.46328	0.04857	14.45305	2.2E+08
16.7067	16.8	16.5	15.95272	16.04293	15.82127	2.30338	2.5	2.2	14.54674	0.03456	14.53639	2.2E+08
16.91704	17.1	16.69999	15.9316	16.01522	15.82127	2.07624	2.3	1.9	14.63016	0	14.61972	2.2E+08
17.47111	17.5	17.4	15.89637	16.04293	15.79356	1.53224	1.69999	1.5	14.71365	0	14.70333	2.2E+08
17.47111	17.5	17.4	15.89637	16.04293	15.79356	1.53224	1.69999	1.5	14.79711	0	14.78666	2.2E+08
17.64622	17.69999	17.6	15.91885	16.01522	15.79356	1.60858	1.8	1.4	14.88056	0.04879	14.87	2.2E+08
17.64622	17.69999	17.6	15.91885	16.01522	15.79356	1.60858	1.7	1.3	14.96399	0.01427	14.95305	2.2E+08
17.85948	18.1	17.69999	15.88515	15.98751	15.76585	1.55106	1.7	1.3	15.04742	0.0143	15.03639	2.2E+08
18.39181	18.5	18.19999	15.74908	15.90439	15.65502	1.40059	1.6	1.19999	15.13087	0	15.12	2.2E+08
18.39181	18.5	18.19999	15.74908	15.90439	15.65502	1.40059	1.6	1.19999	15.2143	0.06947	15.20305	2.2E+08
18.6253	18.8	18.5	15.74695	15.84897	15.62731	1.43619	1.8	1.4	15.29774	0.03474	15.28639	2.2E+08
18.74419	18.8	18.6	15.71	15.82127	15.62731	1.56049	1.8	1.4	15.38117	0.02699	15.36972	2.2E+08
19.1409	19.19999	18.9	15.78361	15.84897	15.68273	1.70182	1.9	1.5	15.46464	0.0696	15.45333	2.2E+08
19.3825	19.5	19.19999	15.78377	15.84897	15.68273	1.77365	2.1	1.5	15.54807	0.02033	15.53666	2.2E+08
19.3825	19.5	19.19999	15.78377	15.84897	15.68273	1.77365	2.1	1.5	15.63151	0.00089	15.61972	2.2E+08
19.57965	19.8	19.4	15.76453	15.90439	15.65502	1.84289	2.09999	1.5	15.71494	0.05514	15.70305	2.2E+08
19.39207	19.69999	19.1	15.76819	15.87668	15.65502	2.20898	2.69999	1.8	15.79838	0.03482	15.78639	2.2E+08
19.21881	19.4	19.1	15.70498	15.84897	15.54419	2.6898	2.9	2.6	15.88183	0.01448	15.87	2.2E+08
19.30417	19.4	19.19999	15.65784	15.79356	15.48877	2.73667	2.9	2.6	15.96527	0.06176	15.95305	2.2E+08
18.92358	19.19999	18.69999	15.56027	15.62731	15.48877	3.3034	3.6	3	16.0487	0.02815	16.03666	2.2E+08
18.92358	19.19999	18.69999	15.56027	15.62731	15.48877	3.3034	3.6	3	16.13212	0.01432	16.11972	2.2E+08
18.72017	18.8	18.6	15.55507	15.65502	15.48877	2.98329	3.3	2.8	16.21555	0	16.20333	2.2E+08
18.72017	18.8	18.6	15.55507	15.65502	15.48877	2.98329	3.3	2.8	16.29897	0.03474	16.28638	2.2E+08
18.72295	18.8	18.6	15.61047	15.71043	15.51648	3.04619	3.2	2.8	16.38241	0	16.37	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.72295	18.8	18.6	15.61047	15.71043	15.51648	3.04619	3.2	2.9	16.46562	0.03472	16.45305	2.2E+08
18.68791	18.69999	18.6	15.59047	15.73814	15.48877	2.99447	3.2	2.9	16.54882	0	16.53638	2.2E+08
18.69999	18.8	18.6	15.55183	15.62731	15.48877	3.01267	3.2	2.9	16.63202	0	16.61972	2.2E+08
18.70337	18.8	18.6	15.5407	15.59961	15.48877	2.97459	3.19999	2.9	16.71523	0.03475	16.70305	2.2E+08
18.77111	18.8	18.69999	15.54334	15.62731	15.48877	2.91063	3.2	2.8	16.79843	0.06964	16.78638	2.2E+08
19.58363	19.8	19.19999	15.47053	15.5719	15.32252	2.25995	2.6	2	16.88164	0	16.87	2.2E+08
19.58363	19.8	19.19999	15.47053	15.5719	15.32252	2.25995	2.6	2	16.96484	0.03491	16.95305	2.2E+08
20.42579	20.69999	20.1	15.44876	15.5719	15.29481	1.59153	1.9	1.4	17.04804	0.02024	17.03666	2.2E+08
20.42579	20.69999	20.1	15.44876	15.5719	15.29481	1.59153	1.9	1.4	17.13125	0.01471	17.11972	2.2E+08
20.57568	20.69999	20.5	15.4744	15.59961	15.29481	1.71076	1.9	1.4	17.21445	0.02024	17.20305	2.2E+08
20.83666	21.1	20.5	15.59961	15.76585	15.48877	1.67867	2.09999	1.4	17.29766	0.03499	17.28638	2.2E+08
20.76767	21	20.5	15.77409	15.87668	15.65502	1.96223	2.1	1.69999	17.38086	0.01479	17.36972	2.2E+08
21.09407	21.19999	21	15.89584	16.09835	15.79356	2.23469	2.49999	2.09999	17.46407	0.04979	17.45333	2.2E+08
21.09407	21.19999	21	15.89584	16.09835	15.79356	2.23469	2.49999	2.09999	17.54727	0.02021	17.53638	2.2E+08
20.97646	21.1	20.69999	16.14082	16.32001	15.90439	2.87932	3.1	2.69999	17.63047	0.01479	17.62	2.2E+08
20.97646	21.1	20.69999	16.20741	16.34772	16.01522	2.9081	3.1	2.69999	17.71368	0.0607	17.70305	2.2E+08
20.94676	21.1	20.6	16.16922	16.34772	15.95981	3.21225	3.59999	2.9	17.79688	0.03501	17.78666	2.2E+08
20.94676	21.1	20.6	16.16922	16.34772	15.95981	3.21225	3.59999	2.9	17.88009	0.03501	17.86972	2.2E+08
20.92849	21.3	20.6	16.01323	16.32001	15.87668	3.27486	3.69999	2.9	17.96329	0.03496	17.95333	2.2E+08
20.92849	21.3	20.6	16.01323	16.32001	15.87668	3.27486	3.69999	2.9	18.04651	0.03514	18.03638	2.2E+08
21.50737	22.1	20.69999	15.92872	16.23689	15.82127	2.60859	3.5	1.9	18.12971	0.01506	18.11972	2.2E+08
22.31937	22.5	22.1	15.86366	15.9321	15.76585	2.06911	2.3	1.8	18.21291	0.01506	18.20333	2.2E+08
22.31937	22.5	22.1	15.86366	15.9321	15.76585	2.06911	2.3	1.8	18.29612	0.03513	18.28638	2.2E+08
22.08974	22.4	21.8	15.91136	16.04293	15.82127	2.44779	3.1	2.3	18.37932	0.03509	18.37	2.2E+08
21.99796	22.3	21.69999	16.04734	16.32001	15.84897	2.71803	3.1	2.3	18.46253	0.04027	18.45305	2.2E+08
22.2349	22.5	21.8	16.11259	16.2923	15.95981	2.70989	3.1	2.5	18.54573	0.00954	18.53638	2.2E+08
21.44076	21.69999	21.19999	16.32398	16.40313	16.12605	3.69146	4	3.3	18.62893	0	18.62	2.2E+08
21.44076	21.69999	21.19999	16.32398	16.40313	16.12605	3.69146	4	3.3	18.71214	0.03516	18.70305	2.2E+08
22.52114	22.9	22.1	15.96164	16.15376	15.84897	2.56542	2.99999	2.19999	18.79535	0.01506	18.78666	2.2E+08
22.52114	22.9	22.1	15.96164	16.15376	15.84897	2.56542	2.99999	2.19999	18.87855	0	18.86972	2.2E+08
22.82131	23	22.69999	16.09648	16.32001	15.87668	2.40222	2.7	2.19999	18.96175	0	18.95333	2.2E+08
22.82131	23	22.69999	16.09648	16.32001	15.87668	2.40222	2.7	2.19999	19.04495	0	19.03638	2.2E+08
23.34605	23.6	23	16.2294	16.37543	16.01522	2.1244	2.8	1.69999	19.12816	0.08097	19.12	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
23.02385	23.5	22.69999	16.50347	16.6248	16.40313	2.72822	3	2.5	19.21136	0.03048	19.20333	2.2E+08
23.02385	23.5	22.69999	16.50347	16.6248	16.40313	2.72822	3	2.5	19.29457	0.03523	19.28638	2.2E+08
23.2466	23.4	23	16.50635	16.6248	16.43084	2.77408	3.19999	2.4	19.37777	0.03529	19.36972	2.2E+08
23.16516	23.4	23	16.60581	16.70792	16.48626	3.05077	3.3	2.8	19.46098	0.02752	19.45305	2.2E+08
23.51883	23.69999	23.3	16.65258	16.70792	16.54167	3.35313	3.3	2.69999	19.54418	0.02004	19.53666	2.2E+08
23.51883	23.69999	23.3	16.58925	16.68022	16.48626	2.92661	3.3	2.69999	19.62738	0.03531	19.61972	2.2E+08
23.21027	23.6	22.9	16.74423	16.81876	16.6248	3.39643	3.69999	2.99999	19.71059	0.02008	19.70333	2.2E+08
23.21027	23.6	22.9	16.74423	16.81876	16.6248	3.39643	3.69999	2.99999	19.79379	0.05535	19.78638	2.2E+08
23.25935	23.69999	23	16.65102	16.70792	16.54167	3.04264	3.4	2.6	19.87699	0.03535	19.87	2.2E+08
23.25935	23.69999	23	16.65102	16.70792	16.54167	3.04264	3.4	2.6	19.9602	0.05074	19.95305	2.2E+08
23.91596	24.1	23.4	16.67505	16.81876	16.51397	2.65702	3.3	2.3	20.0434	0.02006	20.03666	2.2E+08
23.91596	24.1	23.4	16.67505	16.81876	16.51397	2.65702	3.3	2.5	20.1266	0.05083	20.11972	2.2E+08
24.24399	24.6	24.1	16.8182	16.92959	16.76334	2.67338	2.9	2.4	20.20981	0.03545	20.20333	2.2E+08
24.24399	24.6	24.1	16.8182	16.92959	16.76334	2.67338	2.9	2.4	20.29301	0.02006	20.28638	2.2E+08
23.62983	23.9	23.3	17.01283	17.12354	16.90188	3.64606	4	3.3	20.37621	0.03056	20.37	2.2E+08
23.62983	23.9	23.3	17.01283	17.12354	16.90188	3.64606	4	3.3	20.45942	0.01225	20.45305	2.2E+08
23.43602	23.69999	23.1	16.96205	17.09584	16.81876	3.73255	3.5	2.8	20.54262	0.03543	20.53666	2.2E+08
23.9488	24.19999	23.6	16.86663	16.985	16.76334	3.09265	3.5	2.8	20.62583	0.10142	20.61972	2.2E+08
24.06347	24.3	23.5	16.95312	17.09584	16.81876	3.0733	3.69999	3.1	20.70904	0.02	20.70305	2.2E+08
24.31455	24.69999	24	16.94616	17.04042	16.81876	3.01232	3.3	2.69999	20.79224	0.01997	20.78666	2.2E+08
24.31455	24.69999	24	16.94616	17.04042	16.81876	3.01232	3.3	2.69999	20.87545	0.04328	20.86972	2.2E+08
24.00691	24.69999	23.4	17.08272	17.20666	16.9573	3.67216	4.5	2.9	20.95865	0.0078	20.95333	2.2E+08
24.00691	24.69999	23.4	17.08272	17.20666	16.9573	3.67216	4.5	2.9	21.04186	0.02	21.03638	2.2E+08
23.95624	24.19999	23.6	17.09997	17.17896	17.01271	3.67666	4.3	3.4	21.12506	0.0354	21.11972	2.2E+08
24.12207	24.3	23.9	17.07314	17.12354	16.9573	3.47119	3.69999	3.2	21.20826	0.00464	21.20305	2.2E+08
24.10877	24.3	23.9	17.07502	17.15125	16.9573	3.36436	3.6	3.1	21.29147	0	21.28666	2.2E+08
24.10877	24.3	23.9	17.07502	17.15125	16.9573	3.36436	3.6	3.1	21.37467	0.07076	21.36972	2.2E+08
23.63102	24	23.4	17.04219	17.12354	16.9573	3.62422	3.9	3.3	21.45787	0.08591	21.45305	2.2E+08
23.27205	23.5	23	17.02159	17.15125	16.90188	3.64552	3.8	3.19999	21.54108	0.05541	21.53638	2.2E+08
22.97036	23.1	22.8	16.96782	17.01271	16.87417	3.61973	3.8	3.19999	21.62428	0.01524	21.61972	2.2E+08
23.02193	23.4	22.8	16.94838	16.985	16.90188	3.21367	3.6	2.8	21.70748	0.07071	21.70333	2.2E+08
23.02193	23.4	22.8	16.94838	16.985	16.90188	3.21367	3.6	2.8	21.79069	0.03543	21.78638	2.2E+08
23.55769	23.69999	23.1	16.93938	17.01271	16.87417	2.63224	3.09999	2.49999	21.87389	0.03539	21.86972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
23.57453	23.69999	23.4	16.98272	17.12354	16.90188	2.74754	3.09999	2.5	21.9571	0.0354	21.95305	2.2E+08
23.79347	24	23.5	17.1381	17.28979	17.01271	2.97152	3.4	2.59999	22.04031	0.01534	22.03666	2.2E+08
23.79347	24	23.5	17.1381	17.28979	17.01271	2.97152	3.4	2.59999	22.12351	0.03539	22.11972	2.2E+08
23.20726	23.5	23	17.11546	17.20666	17.04042	3.58404	3.9	3.3	22.20672	0.02005	22.20333	2.2E+08
23.20726	23.5	23	17.11546	17.20666	17.04042	3.58404	3.9	3.3	22.28992	0	22.28638	2.2E+08
22.98804	23.1	22.69999	17.10904	17.20666	17.04042	3.55304	3.8	3.3	22.37312	0.03531	22.37	2.2E+08
22.98804	23.1	22.69999	17.10904	17.20666	17.04042	3.55304	3.8	3.3	22.45633	0.03531	22.45305	2.2E+08
22.78382	22.9	22.69999	17.00018	17.12354	16.90188	3.3417	3.5	3.1	22.53953	0.07845	22.53666	2.2E+08
22.78382	22.9	22.69999	17.00018	17.12354	16.90188	3.3417	3.5	3.1	22.62273	0.04756	22.61972	2.2E+08
22.46059	22.8	21.8	16.95762	17.06813	16.84646	3.44083	4	3.1	22.70594	0.02526	22.70333	2.2E+08
22.46059	22.8	21.8	16.95762	17.06813	16.84646	3.44083	4	3.1	22.78914	0.02012	22.78638	2.2E+08
22.23817	22.4	22.1	16.94455	17.01271	16.81876	3.4156	3.3	2.8	22.87235	0	22.87	2.2E+08
22.36918	22.5	22.19999	16.91788	17.01271	16.81876	3.13569	3.3	2.8	22.95556	0.02014	22.95305	2.2E+08
22.25233	22.4	22.1	16.9323	17.01271	16.81876	3.21743	3.4	3	23.03876	0.01232	23.03666	2.2E+08
22.25233	22.4	22.1	16.9323	17.01271	16.81876	3.21743	3.4	3	23.12197	0.05043	23.11972	2.2E+08
22.59856	22.8	22.3	16.93266	17.01271	16.87417	2.89135	3.2	2.7	23.20517	0	23.20333	2.2E+08
22.59856	22.8	22.3	16.93266	17.01271	16.87417	2.89135	3.19999	2.7	23.28837	0.04308	23.28638	2.2E+08
22.66389	22.8	22.4	16.95922	17.04042	16.90188	2.90115	3.19999	2.7	23.37158	0.03526	23.36972	2.2E+08
22.46581	22.69999	22.3	16.9705	17.06813	16.90188	3.14961	3.3	2.9	23.45478	0	23.45305	2.2E+08
21.77498	22.1	21.69999	16.9601	17.12354	16.84646	3.33653	3.7	2.8	23.53799	0.0452	23.53666	2.2E+08
21.77498	22.1	21.69999	16.9601	17.12354	16.84646	3.33653	3.7	2.8	23.62119	0.01513	23.61972	2.2E+08
22.28323	22.5	22.1	16.86239	16.9573	16.73563	2.63754	2.9	2.4	23.7044	0	23.70305	2.2E+08
22.09475	22.4	21.8	16.83504	16.9573	16.73563	2.80391	3.1	2.49999	23.7876	0.02526	23.78666	2.2E+08
21.99067	22.1	21.8	16.88233	16.9573	16.70792	2.85497	3.1	2.49999	23.8708	0.0151	23.86972	2.2E+08
22.23417	22.4	21.9	16.83734	16.92959	16.73563	2.43365	2.9	2.19999	23.95401	0.03523	23.95305	2.2E+08
21.95398	22.3	21.69999	8.71804	16.81876	0	2.50577	2.8	2.19999	24.00143	0	24	2.2E+08
21.95398	22.3	21.69999	8.71804	16.81876	0	2.50577	2.8	2.19999	24.00143	0	24	2.2E+08
21.54768	21.69999	21.3	0	0	0	2.7865	3.1	2.59999	24.00143	0	24	2.2E+08
21.36591	21.6	21	0	0	0	2.90922	3.3	2.59999	24.00143	0	24	2.2E+08
20.72558	21	20.5	0	0	0	3.29872	3.6	3.09999	24.00143	0	24	2.2E+08
20.21344	20.4	20.1	0	0	0	3.13619	3.49999	2.9	24.00143	0	24	2.2E+08
20.10671	20.3	20.1	0	0	0	3.04369	3.19999	2.9	24.00143	0	24	2.2E+08
20.10671	20.3	20.1	0	0	0	3.04369	3.19999	2.9	24.00143	0	24	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.98184	20.1	19.8	0	0	0	3.04166	3.2	2.69999	24.00143	0	24	2.2E+08
19.8443	20	19.8	0	0	0	3.05311	3.2	2.8	24.00143	0	24	2.2E+08
19.84302	20	19.69999	0	0	0	2.86434	3.1	2.69999	24.00143	0	24	2.2E+08
19.48658	19.69999	19.4	0	0	0	3.05238	3.19999	2.8	24.00143	0	24	2.2E+08
19.34161	19.5	19.19999	0	0	0	3.07046	3.3	2.9	24.00143	0	24	2.2E+08
19.24363	19.4	19.19999	0	0	0	2.93354	3.2	2.69999	24.00143	0	24	2.2E+08
19.16307	19.19999	19.1	0	0	0	2.898	3	2.8	24.00143	0	24	2.2E+08
19.15235	19.3	19.1	0	0	0	2.847	2.99999	2.7	24.00143	0	24	2.2E+08
19.0685	19.1	18.8	0	0	0	2.84426	3.1	2.69999	24.00143	0	24	2.2E+08
18.7913	18.9	18.69999	0	0	0	2.92686	3.1	2.8	24.00143	0	24	2.2E+08
18.7913	18.9	18.69999	0	0	0	2.92686	3.1	2.8	24.00143	0	24	2.2E+08
18.71006	18.8	18.6	0	0	0	2.88658	3.1	2.8	24.00143	0	24	2.2E+08
18.6255	18.69999	18.5	0	0	0	2.86644	3	2.8	24.00143	0	24	2.2E+08
18.51207	18.6	18.5	0	0	0	2.87922	2.9	2.69999	24.00143	0	24	2.2E+08
18.51007	18.6	18.5	0	0	0	2.78657	2.9	2.69999	24.00143	0	24	2.2E+08
18.50335	18.6	18.5	0	0	0	2.66847	2.8	2.5	24.00143	0	24	2.2E+08
18.45172	18.5	18.3	0	0	0	2.5248	2.9	2.4	24.00143	0	24	2.2E+08
18.36712	18.5	18.3	0	0	0	2.50939	2.7	2.3	24.00143	0	24	2.2E+08
18.43892	18.6	18.3	0	0	0	2.25167	2.4	2.09999	0.03496	0.07742	0.03611	2.2E+08
18.4601	18.5	18.3	5.82289	15.65502	0	2.17414	2.4	2.09999	0.11836	0	0.11944	2.2E+08
18.14092	18.3	18.1	15.37209	15.48877	15.32252	2.15104	2.3	2	0.20173	0.03477	0.20305	2.2E+08
18.14092	18.3	18.1	15.37209	15.48877	15.32252	2.15104	2.3	2	0.28508	0	0.28611	2.2E+08
18.12012	18.3	18.1	15.39626	15.48877	15.32252	2.05906	2.19999	1.8	0.36844	0.03479	0.36944	2.2E+08
18.10672	18.19999	18	15.39951	15.46106	15.32252	1.95903	2	1.69999	0.45181	0.02042	0.45305	2.2E+08
18.04564	18.1	18	15.4315	15.51648	15.35023	1.93292	2	1.69999	0.53518	0.02042	0.53611	2.2E+08
17.97318	18	17.69999	15.46368	15.54419	15.40565	1.75367	2	1.69999	0.61856	0.03476	0.61972	2.2E+08
17.97318	18	17.69999	15.46368	15.54419	15.40565	1.75367	1.8	1.59999	0.70193	0	0.70305	2.2E+08
17.9792	18	17.9	15.45724	15.5719	15.35023	1.70064	1.8	1.59999	0.7853	0	0.78611	2.2E+08
17.98927	18.1	17.69999	15.43845	15.5719	15.35023	1.63288	1.9	1.49999	0.86866	0	0.86944	2.2E+08
17.92428	18	17.69999	15.43154	15.54419	15.32252	1.63482	1.9	1.5	0.95202	0.0347	0.95305	2.2E+08
17.92428	18	17.69999	15.43154	15.54419	15.32252	1.63482	1.9	1.5	1.03539	0.04088	1.03611	2.2E+08
17.7483	18	17.6	15.48032	15.62731	15.40565	1.74832	1.9	1.5	1.11875	0.0347	1.11944	2.2E+08
17.74831	18	17.69999	15.50059	15.59961	15.40565	1.68053	1.8	1.4	1.20211	0.04088	1.20305	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
17.74831	18	17.69999	15.50059	15.59961	15.40565	1.68053	1.8	1.5	1.28548	0.0347	1.28638	2.2E+08
17.74428	17.9	17.69999	15.49479	15.59961	15.40565	1.65238	1.8	1.5	1.36884	0.02042	1.36944	2.2E+08
17.75705	18	17.69999	15.55722	15.68273	15.40565	1.62283	1.7	1.3	1.4522	0.03471	1.45277	2.2E+08
17.72015	17.9	17.69999	15.56036	15.65502	15.46106	1.61136	1.8	1.5	1.53556	0.04898	1.53611	2.2E+08
17.66977	17.69999	17.6	15.59114	15.68273	15.48877	1.59866	1.8	1.5	1.61893	0.03471	1.61944	2.2E+08
17.63958	17.69999	17.5	15.57827	15.68273	15.48877	1.59124	1.8	1.5	1.7023	0.03471	1.70277	2.2E+08
17.59328	17.69999	17.5	15.6713	15.73814	15.59961	1.61342	1.7	1.5	1.78568	0	1.78638	2.2E+08
17.59328	17.69999	17.5	15.6713	15.73814	15.59961	1.61342	1.7	1.5	1.86905	0.08986	1.86944	2.2E+08
17.5866	17.69999	17.5	15.64069	15.73814	15.54419	1.5892	1.69999	1.49999	1.95243	0.01263	1.95277	2.2E+08
17.62079	17.69999	17.6	15.60846	15.68273	15.51648	1.5235	1.59999	1.4	2.03579	0.03469	2.03611	2.2E+08
17.61541	17.69999	17.5	15.64506	15.71043	15.54419	1.50406	1.59999	1.4	2.11915	0.03469	2.11944	2.2E+08
17.6067	17.69999	17.6	15.64993	15.73814	15.5719	1.46446	1.59999	1.3	2.20251	0.0347	2.20277	2.2E+08
17.57654	17.69999	17.5	15.6433	15.73814	15.54419	1.4436	1.59999	1.3	2.28586	0.01425	2.28611	2.2E+08
17.58255	17.69999	17.5	15.66104	15.73814	15.59961	1.43085	1.59999	1.3	2.36922	0.04889	2.36944	2.2E+08
17.60001	17.69999	17.5	15.60514	15.71043	15.48877	1.39328	1.5	1.3	2.45261	0.01424	2.45305	2.2E+08
17.60001	17.69999	17.5	15.60514	15.71043	15.48877	1.39328	1.5	1.3	2.536	0.04895	2.53611	2.2E+08
17.63357	17.69999	17.6	15.54865	15.65502	15.46106	1.3664	1.49999	1.2	2.61939	0.05513	2.61944	2.2E+08
17.57249	17.69999	17.5	15.48412	15.5719	15.40565	1.39731	1.5	1.3	2.70278	0.06936	2.70305	2.2E+08
17.57249	17.69999	17.5	15.48412	15.5719	15.40565	1.39731	1.5	1.3	2.78617	0.03464	2.78638	2.2E+08
17.54026	17.6	17.5	15.47491	15.5719	15.40565	1.43222	1.5	1.3	2.86958	0.03466	2.86944	2.2E+08
17.5	17.5	17.5	15.42461	15.51648	15.35023	1.43356	1.5	1.4	2.95298	0.05511	2.95305	2.2E+08
17.48991	17.5	17.4	15.47571	15.54419	15.37794	1.42356	1.5	1.4	3.03635	0.03467	3.03611	2.2E+08
17.50336	17.6	17.4	15.4407	15.51648	15.35023	1.40335	1.5	1.3	3.11972	0.02047	3.11944	2.2E+08
17.49595	17.5	17.4	15.42741	15.51648	15.35023	1.40069	1.5	1.3	3.20311	0.00629	3.20277	2.2E+08
17.35887	17.5	17.1	15.50845	15.65502	15.40565	1.53102	1.8	1.4	3.28646	0.03465	3.28638	2.2E+08
17.35887	17.5	17.1	15.50845	15.65502	15.40565	1.53102	1.8	1.4	3.36983	0.0078	3.36944	2.2E+08
17.21781	17.4	17.1	15.56258	15.68273	15.48877	1.66535	1.8	1.5	3.45319	0.0346	3.45277	2.2E+08
17.08654	17.1	17	15.60514	15.68273	15.51648	1.72763	1.8	1.49999	3.53657	0	3.53638	2.2E+08
17.08654	17.1	17	15.60514	15.68273	15.51648	1.72763	1.9	1.49999	3.61995	0.02049	3.61972	2.2E+08
17.05554	17.1	17	15.61304	15.71043	15.51648	1.71108	1.9	1.49999	3.70336	0.03459	3.70277	2.2E+08
17.01343	17.1	17	15.67119	15.76585	15.54419	1.69566	1.9	1.49999	3.78676	0.06923	3.78611	2.2E+08
17.01344	17.1	17	15.66798	15.73814	15.59961	1.61352	1.8	1.49999	3.87015	0	3.86944	2.2E+08
17.05624	17.1	17	15.58794	15.71043	15.48877	1.48414	1.59999	1.4	3.95353	0	3.95305	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.06633	17.1	17	15.65604	15.73814	15.54419	1.44642	1.59999	1.3	4.03691	0.01411	4.03638	2.2E+08
17.06633	17.1	17	15.65604	15.73814	15.54419	1.44642	1.59999	1.3	4.12028	0.0692	4.11944	2.2E+08
17.08989	17.1	17	15.67517	15.73814	15.59961	1.38751	1.5	1.3	4.20366	0	4.20277	2.2E+08
17.09327	17.1	17	15.67891	15.73814	15.59961	1.36133	1.5	1.3	4.28704	0.10388	4.28638	2.2E+08
17.07237	17.1	17	15.69552	15.76585	15.62731	1.34947	1.5	1.3	4.3704	0.0346	4.36944	2.2E+08
17.0101	17.1	17	15.71555	15.79356	15.65502	1.38988	1.4	1.3	4.45376	0	4.45277	2.2E+08
16.99663	17	16.9	15.71826	15.82127	15.65502	1.40674	1.5	1.3	4.53712	0.03463	4.53611	2.2E+08
17.01754	17.1	17	15.72695	15.84897	15.65502	1.38246	1.5	1.3	4.62048	0.0692	4.61944	2.2E+08
17.00504	17.1	16.9	15.7259	15.82127	15.65502	1.39498	1.5	1.3	4.70384	0	4.70277	2.2E+08
16.97305	17	16.8	15.73806	15.84897	15.65502	1.4034	1.6	1.3	4.78721	0.03459	4.78611	2.2E+08
16.74545	16.8	16.69999	15.7259	15.84897	15.62731	1.58822	1.7	1.5	4.87058	0.03454	4.86972	2.2E+08
16.74545	16.8	16.69999	15.7259	15.84897	15.62731	1.58822	1.7	1.5	4.95396	0.03456	4.95277	2.2E+08
16.70672	16.8	16.69999	15.69561	15.76585	15.62731	1.61683	1.7	1.5	5.03735	0.02186	5.03611	2.2E+08
16.69327	16.8	16.5	15.725	15.84897	15.65502	1.61347	1.8	1.5	5.12073	0.03456	5.11972	2.2E+08
16.69327	16.8	16.5	15.725	15.84897	15.65502	1.61347	1.8	1.5	5.20412	0	5.20277	2.2E+08
16.68991	16.8	16.5	15.78894	15.9321	15.62731	1.60671	1.8	1.5	5.28751	0.07559	5.28611	2.2E+08
16.58218	16.69999	16.5	15.77704	15.87668	15.65502	1.66181	1.8	1.3	5.3709	0.03453	5.36972	2.2E+08
16.58218	16.69999	16.5	15.77704	15.87668	15.65502	1.66181	1.8	1.3	5.45429	0.02054	5.45277	2.2E+08
16.57547	16.69999	16.4	15.86513	15.98751	15.73814	1.53555	1.8	1.3	5.53767	0.0078	5.53638	2.2E+08
16.57547	16.69999	16.4	15.86513	15.98751	15.73814	1.53555	1.8	1.3	5.62104	0.02802	5.61944	2.2E+08
16.66495	16.69999	16.5	15.83667	15.9321	15.76585	1.42927	1.69999	1.3	5.70443	0.06903	5.70277	2.2E+08
16.4101	16.5	16.4	15.90329	16.04293	15.79356	1.64182	1.9	1.5	5.78782	0.04231	5.78638	2.2E+08
16.4101	16.5	16.4	15.90329	16.04293	15.79356	1.64182	1.9	1.5	5.87119	0.04853	5.86944	2.2E+08
16.42017	16.5	16.4	15.88429	15.98751	15.76585	1.65189	1.8	1.5	5.95458	0.03455	5.95277	2.2E+08
16.51006	16.69999	16.4	15.83933	15.95981	15.71043	1.60645	1.9	1.3	6.03796	0.01398	6.03638	2.2E+08
16.51006	16.69999	16.4	15.83933	15.95981	15.71043	1.60645	1.9	1.3	6.12133	0.05506	6.11944	2.2E+08
16.39998	16.5	16.3	15.88974	16.01522	15.79356	1.78892	1.9	1.6	6.20469	0.02054	6.20305	2.2E+08
16.41346	16.69999	16.3	15.84869	15.95981	15.71043	1.79016	2	1.5	6.28805	0.01398	6.28638	2.2E+08
16.41346	16.69999	16.3	15.84869	15.95981	15.71043	1.79016	2	1.5	6.37142	0	6.36944	2.2E+08
16.42427	16.5	16.4	15.83525	15.98751	15.71043	1.80676	1.9	1.5	6.4548	0.03454	6.45277	2.2E+08
16.5975	16.69999	16.4	15.82315	15.9321	15.71043	1.69238	1.9	1.5	6.53818	0.04845	6.53638	2.2E+08
16.5975	16.69999	16.4	15.82315	15.9321	15.71043	1.69238	1.9	1.5	6.62156	0.00655	6.61944	2.2E+08
16.63605	16.69999	16.5	15.76896	15.90439	15.65502	1.69084	1.9	1.6	6.70492	0.05507	6.70277	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
16.76272	17	16.5	15.77829	15.9321	15.65502	1.60529	1.7	1.4	6.78829	0.0205	6.78638	2.2E+08
16.88078	17	16.8	15.78485	15.9321	15.68273	1.52931	1.7	1.4	6.87165	0	6.86944	2.2E+08
16.78822	16.8	16.69999	15.77679	15.9321	15.65502	1.79163	2	1.7	6.95501	0	6.95305	2.2E+08
16.78822	16.8	16.69999	15.77679	15.9321	15.65502	1.79163	2	1.7	7.03837	0.03454	7.03611	2.2E+08
16.86534	17	16.8	15.81977	15.90439	15.71043	1.88406	2	1.59999	7.12173	0.05505	7.11944	2.2E+08
16.78747	16.9	16.69999	15.89969	15.98751	15.73814	2.11928	2.3	2	7.20509	0.03454	7.20305	2.2E+08
16.68845	16.8	16.5	15.89284	15.98751	15.76585	2.24855	2.5	2.1	7.28846	0.07559	7.28638	2.2E+08
16.68845	16.8	16.5	15.89284	15.98751	15.76585	2.24855	2.5	2.1	7.37184	0.02051	7.36944	2.2E+08
16.70337	16.8	16.5	15.92142	16.01522	15.82127	2.27475	2.5	2.2	7.45519	0	7.45277	2.2E+08
16.79663	16.8	16.69999	16.00556	16.07064	15.95981	2.24614	2.4	2.2	7.53855	0.03456	7.53638	2.2E+08
16.79663	16.8	16.69999	16.00556	16.07064	15.95981	2.24614	2.4	2.2	7.62191	0.03455	7.61944	2.2E+08
16.77139	16.8	16.69999	15.9585	16.01522	15.84897	2.38148	2.5	2.2	7.70527	0.03455	7.70305	2.2E+08
16.77139	16.8	16.69999	15.9585	16.01522	15.84897	2.38148	2.5	2.2	7.78863	0.02051	7.78611	2.2E+08
16.84204	17	16.8	15.9766	16.04293	15.90439	2.37624	2.6	2.19999	7.87198	0.06911	7.86972	2.2E+08
16.84204	17	16.8	15.9766	16.04293	15.90439	2.37624	2.6	2.19999	7.95534	0.0078	7.95277	2.2E+08
16.93126	17	16.8	15.99367	16.04293	15.9321	2.37113	2.6	2.19999	8.03871	0.02675	8.03639	2.2E+08
16.93126	17	16.8	15.99367	16.04293	15.9321	2.37113	2.6	2.19999	8.12209	0.03457	8.11944	2.2E+08
16.97571	17	16.8	16.0191	16.15376	15.95981	2.4142	2.6	2.19999	8.20547	0.0078	8.20305	2.2E+08
16.97571	17	16.8	16.0191	16.15376	15.95981	2.4142	2.6	2.19999	8.28891	0	8.28611	2.2E+08
16.96302	17	16.8	16.05112	16.20918	15.95981	2.44708	2.7	2.4	8.37233	0	8.36972	2.2E+08
16.76227	17	16.5	16.09624	16.26459	15.98751	2.65457	2.9	2.4	8.45575	0.03454	8.45305	2.2E+08
16.76227	17	16.5	16.09624	16.26459	15.98751	2.65457	2.9	2.4	8.53917	0	8.53611	2.2E+08
16.65289	16.8	16.5	16.24589	16.40313	16.07064	2.78745	3	2.6	8.6226	0.03456	8.61972	2.2E+08
16.65289	16.8	16.5	16.24589	16.40313	16.07064	2.78745	3	2.6	8.70604	0	8.70277	2.2E+08
16.71008	16.8	16.69999	16.23341	16.37543	16.07064	2.70839	2.8	2.6	8.78948	0	8.78639	2.2E+08
16.71008	16.8	16.69999	16.23341	16.37543	16.07064	2.70839	2.8	2.6	8.87291	0.02051	8.86944	2.2E+08
16.72768	16.8	16.69999	16.1245	16.37543	15.98751	2.68239	2.8	2.6	8.95633	0	8.95277	2.2E+08
16.85531	17	16.8	16.0733	16.2923	15.95981	2.54973	2.7	2.4	9.03976	0.03459	9.03639	2.2E+08
16.85531	17	16.8	16.0733	16.2923	15.95981	2.54973	2.7	2.4	9.12321	0.03459	9.11944	2.2E+08
17.01681	17.1	17	16.01291	16.09835	15.9321	2.40672	2.5	2.3	9.20665	0	9.20305	2.2E+08
17.07143	17.1	17	16.00469	16.07064	15.9321	2.35957	2.5	2.3	9.29009	0.0346	9.28639	2.2E+08
17.08656	17.1	17	16.05781	16.20918	15.95981	2.39065	2.5	2.3	9.37354	0	9.36972	2.2E+08
17.08656	17.1	17	16.05781	16.20918	15.95981	2.39065	2.5	2.3	9.45697	0.03464	9.45277	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.31146	17.5	17.1	16.01541	16.09835	15.9321	2.21038	2.49999	2	9.5404	0.03462	9.53611	2.2E+08
17.46637	17.5	17.4	16.00459	16.15376	15.90439	2.11099	2.19999	2	9.62382	0.02047	9.61944	2.2E+08
17.43535	17.5	17.3	15.98718	16.07064	15.90439	2.15287	2.3	2	9.70725	0.00779	9.70277	2.2E+08
17.0908	17.4	17	16.01038	16.09835	15.95981	2.52265	2.69999	2.19999	9.79071	0	9.78611	2.2E+08
16.98654	17	16.9	16.02175	16.12605	15.90439	2.6454	2.8	2.59999	9.87413	0.04865	9.86972	2.2E+08
16.98654	17	16.9	16.02175	16.12605	15.90439	2.6454	2.8	2.59999	9.95757	0.01405	9.95277	2.2E+08
16.94787	17	16.8	16.05492	16.20918	15.9321	2.68652	2.9	2.59999	10.04101	0.03459	10.03639	2.2E+08
16.94787	17	16.8	16.05492	16.20918	15.9321	2.68652	2.9	2.59999	10.12446	0	10.11944	2.2E+08
16.90841	17	16.8	16.08768	16.26459	15.95981	2.71678	2.9	2.59999	10.20791	0	10.20277	2.2E+08
16.9067	17	16.8	16.0527	16.18147	15.95981	2.70002	2.8	2.59999	10.29133	0.03459	10.28611	2.2E+08
16.97143	17	16.9	16.11666	16.26459	15.98751	2.63867	2.8	2.59999	10.37476	0.00779	10.36944	2.2E+08
17.01009	17.1	17	16.09913	16.26459	15.98751	2.5899	2.59999	2.49999	10.45821	0	10.45277	2.2E+08
17.16043	17.4	17	16.07502	16.26459	15.98751	2.44629	2.59999	2.19999	10.54166	0	10.53639	2.2E+08
17.16043	17.4	17	16.07502	16.26459	15.98751	2.44629	2.59999	2.19999	10.62514	0.02047	10.61944	2.2E+08
17.47644	17.5	17.4	16.03401	16.20918	15.95981	2.15381	2.3	2.09999	10.70862	0.02047	10.70305	2.2E+08
17.47644	17.5	17.4	16.03401	16.20918	15.95981	2.15381	2.3	2.09999	10.79207	0.02684	10.78611	2.2E+08
17.48654	17.5	17.4	16.07939	16.32001	15.95981	2.18484	2.3	2.09999	10.87551	0	10.86944	2.2E+08
17.19918	17.4	17.1	16.14107	16.2923	15.98751	2.52099	2.7	2.3	10.95895	0	10.95305	2.2E+08
17.19918	17.4	17.1	16.14107	16.2923	15.98751	2.52099	2.7	2.3	11.04239	0.10377	11.03611	2.2E+08
17.13366	17.3	17.1	16.16781	16.34772	16.01522	2.58391	2.69999	2.4	11.12582	0	11.11944	2.2E+08
17.09664	17.1	17	16.0896	16.2923	15.95981	2.67641	2.9	2.4	11.20923	0	11.20277	2.2E+08
17.11343	17.3	17.1	16.11534	16.2923	16.01522	2.68994	2.9	2.4	11.29265	0.07552	11.28611	2.2E+08
17.16389	17.4	17.1	16.08679	16.34772	15.95981	2.7084	2.9	2.4	11.37609	0	11.36944	2.2E+08
17.15718	17.4	17.1	16.07992	16.20918	15.95981	2.74185	2.9	2.4	11.45956	0.02049	11.45277	2.2E+08
17.09831	17.3	17	16.17541	16.32001	16.04293	2.83109	3	2.69999	11.54304	0	11.53639	2.2E+08
17.09831	17.3	17	16.17541	16.32001	16.04293	2.83109	3	2.69999	11.6265	0.01413	11.61944	2.2E+08
17.1403	17.4	17	16.27358	16.37543	16.04293	2.79767	3	2.3	11.70999	0	11.70277	2.2E+08
17.1067	17.3	17.1	16.23065	16.34772	16.01522	2.82265	2.9	2.5	11.79348	0.10383	11.78611	2.2E+08
17.10671	17.3	17.1	16.25914	16.45855	16.04293	2.83278	2.9	2.5	11.87693	0.03456	11.86944	2.2E+08
17.1067	17.3	17.1	16.30311	16.43084	16.09835	2.76547	2.9	2.59999	11.96039	0.0078	11.95305	2.2E+08
17.1067	17.3	17.1	16.30311	16.43084	16.09835	2.76547	2.9	2.59999	12.04383	0.0346	12.03611	2.2E+08
17.25699	17.4	17.1	16.2609	16.43084	16.09835	2.64216	2.9	2.3	12.12725	0.02047	12.11944	2.2E+08
17.40335	17.5	17.3	16.10781	16.2923	15.95981	2.56146	2.6	2.3	12.21068	0.03461	12.20277	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.40421	17.5	17.1	16.18517	16.32001	16.04293	2.57561	2.9	2.4	12.29414	0.00634	12.28639	2.2E+08
17.30522	17.4	17.1	16.16008	16.40313	15.98751	2.69477	2.9	2.6	12.3776	0.02683	12.36972	2.2E+08
17.10672	17.3	17.1	16.18673	16.34772	15.98751	2.89328	2.99999	2.69999	12.46099	0	12.45305	2.2E+08
17.10672	17.3	17.1	16.18673	16.34772	15.98751	2.89328	2.99999	2.69999	12.54444	0.02823	12.53611	2.2E+08
17.14623	17.3	17	16.21096	16.34772	16.04293	2.86723	3	2.7	12.62788	0	12.61972	2.2E+08
17.11176	17.3	17	16.16325	16.34772	15.98751	2.89833	3	2.7	12.7113	0.03456	12.70305	2.2E+08
17.11176	17.3	17	16.16325	16.34772	15.98751	2.89833	3	2.7	12.79473	0	12.78611	2.2E+08
17.09901	17.4	17	16.01658	16.12605	15.95981	2.90098	3	2.6	12.87816	0	12.86972	2.2E+08
17.09901	17.4	17	16.01658	16.12605	15.95981	2.90098	3	2.6	12.96159	0.02819	12.95277	2.2E+08
17.12686	17.4	17.1	15.99664	16.04293	15.87668	2.80585	2.9	2.6	13.04502	0.03459	13.03639	2.2E+08
17.12686	17.4	17.1	15.99664	16.04293	15.87668	2.80585	2.9	2.6	13.12846	0	13.11944	2.2E+08
17.14031	17.3	17.1	15.96991	16.04293	15.87668	2.83614	2.9	2.5	13.21193	0.03457	13.20277	2.2E+08
17.12512	17.4	17.1	15.96262	16.07064	15.84897	2.83111	2.9	2.59999	13.29539	0	13.28611	2.2E+08
17.45462	17.5	17.3	15.96056	16.04293	15.84897	2.53866	2.7	2.4	13.37884	0	13.36972	2.2E+08
17.45462	17.5	17.3	15.96056	16.04293	15.84897	2.53866	2.7	2.4	13.46231	0.06923	13.45277	2.2E+08
17.45467	17.5	17.1	15.92416	16.01522	15.79356	2.58231	2.9	2.5	13.54575	0.04227	13.53639	2.2E+08
17.45467	17.5	17.1	15.92416	16.01522	15.79356	2.58231	2.9	2.5	13.62918	0.02047	13.61944	2.2E+08
17.37478	17.5	17.3	15.88362	16.01522	15.79356	2.68654	2.8	2.59999	13.71259	0	13.70277	2.2E+08
17.41683	17.5	17.4	15.86793	16.01522	15.73814	2.68988	2.9	2.59999	13.79602	0	13.78639	2.2E+08
17.47815	17.5	17.4	15.83621	15.98751	15.73814	2.68066	2.9	2.59999	13.87944	0	13.86944	2.2E+08
17.58226	17.69999	17.5	15.81203	15.90439	15.68273	2.63704	2.8	2.4	13.96288	0.04088	13.95277	2.2E+08
17.92536	18.1	17.69999	15.84447	15.98751	15.76585	2.35447	2.6	2.19999	14.04633	0	14.03639	2.2E+08
17.78648	18	17.69999	15.75875	15.84897	15.65502	2.53113	2.7	2.3	14.1298	0.02687	14.11944	2.2E+08
18.02354	18.1	17.9	15.75102	15.84897	15.62731	2.56973	2.69999	2.4	14.21324	0.01424	14.20305	2.2E+08
18.02354	18.1	17.9	15.75102	15.84897	15.62731	2.56973	2.69999	2.4	14.29666	0.01424	14.28611	2.2E+08
18.12433	18.19999	18.1	15.77973	15.84897	15.65502	2.59249	2.8	2.4	14.38011	0	14.36972	2.2E+08
18.12433	18.19999	18.1	15.77973	15.84897	15.65502	2.59249	2.8	2.4	14.46358	0.02042	14.45277	2.2E+08
18.13189	18.5	17.9	15.75545	15.84897	15.62731	2.78911	3	2.4	14.547	0.04082	14.53639	2.2E+08
18.13189	18.5	17.9	15.75545	15.84897	15.62731	2.78911	3	2.4	14.63044	0.03471	14.61944	2.2E+08
18.4193	18.69999	18.1	15.65583	15.82127	15.51648	2.66377	3	2.3	14.71391	0.03477	14.70277	2.2E+08
18.64706	18.8	18.5	15.71894	15.87668	15.59961	2.56218	2.8	2.3	14.79734	0.03472	14.78611	2.2E+08
18.80935	19.1	18.69999	15.68094	15.79356	15.5719	2.5142	2.7	2.19999	14.8808	0	14.86944	2.2E+08
18.67309	18.69999	18.6	15.66648	15.82127	15.5719	2.72186	2.8	2.6	14.96424	0.01435	14.95277	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.65376	18.8	18.5	15.74496	15.87668	15.65502	2.81094	3	2.6	15.04768	0.03474	15.03611	2.2E+08
18.7428	18.9	18.69999	15.6856	15.79356	15.54419	2.82194	2.9	2.69999	15.13112	0.02884	15.11944	2.2E+08
19.13945	19.4	18.9	15.67978	15.82127	15.54419	2.79835	3	2.6	15.21456	0.03479	15.20305	2.2E+08
19.13945	19.4	18.9	15.67978	15.82127	15.54419	2.79835	3	2.6	15.29799	0	15.28611	2.2E+08
19.41681	19.5	19.19999	15.69762	15.84897	15.51648	2.72601	3	2.59999	15.38141	0.03481	15.36972	2.2E+08
19.41681	19.5	19.19999	15.69762	15.84897	15.51648	2.72601	3	2.59999	15.46483	0.0492	15.45277	2.2E+08
19.30008	19.4	19.1	15.68256	15.87668	15.51648	3.07641	3.3	2.8	15.54827	0	15.53611	2.2E+08
19.13865	19.3	19.1	15.84972	15.90439	15.73814	3.36385	3.4	3	15.63171	0.05517	15.61944	2.2E+08
19.30415	19.4	19.19999	15.70795	15.82127	15.59961	3.23533	3.4	3	15.71513	0.02706	15.70277	2.2E+08
19.39234	19.69999	19.19999	15.72254	15.82127	15.5719	3.19085	3.4	2.9	15.79854	0.02811	15.78611	2.2E+08
19.6336	19.8	19.4	15.68987	15.79356	15.5719	2.97393	3.3	2.8	15.88198	0.02035	15.86944	2.2E+08
19.26304	19.5	19.1	15.78624	15.87668	15.62731	3.42684	3.59999	3.19999	15.96544	0.03487	15.95277	2.2E+08
19.45855	19.8	19.1	15.72086	15.90439	15.48877	3.22465	3.69999	2.9	16.04886	0.02916	16.03611	2.2E+08
19.96808	20.4	19.8	15.66088	15.87668	15.48877	2.75211	3.6	2.69999	16.13226	0.0057	16.11972	2.2E+08
19.758	20	19.4	15.87679	15.98751	15.79356	3.10578	3.6	2.69999	16.21573	0	16.20277	2.2E+08
20.72017	21.1	20.4	15.89275	16.04293	15.82127	2.45041	2.8	1.9	16.29915	0.02024	16.28638	2.2E+08
20.72017	21.1	20.4	15.89275	16.04293	15.82127	2.45041	2.8	1.9	16.38259	0.01243	16.36944	2.2E+08
20.73281	21	20.5	16.0055	16.2923	15.82127	2.58064	2.59999	2.09999	16.4658	0.01485	16.45305	2.2E+08
21.16969	21.5	21	16.06675	16.26459	15.87668	2.37817	2.59999	2.09999	16.549	0.02024	16.53611	2.2E+08
21.08404	21.5	20.6	16.24218	16.37543	16.04293	2.60755	3.4	2.9	16.6322	0.01243	16.61944	2.2E+08
20.81934	21.1	20.5	16.34902	16.45855	16.20918	3.0882	3.4	2.9	16.7154	0.0351	16.70277	2.2E+08
21.12766	21.5	20.69999	16.41229	16.54167	16.2923	3.10343	3.6	2.5	16.79861	0.01485	16.78638	2.2E+08
21.12766	21.5	20.69999	16.41229	16.54167	16.2923	3.10343	3.6	2.5	16.88181	0.02016	16.86944	2.2E+08
21.60768	22.19999	20.9	16.42416	16.65251	16.26459	2.85699	3.6	2.1	16.96501	0.03504	16.95305	2.2E+08
21.60768	22.19999	20.9	16.42416	16.65251	16.26459	2.85699	3.6	2.1	17.04822	0	17.03611	2.2E+08
20.64622	21	20.4	16.60086	16.68022	16.45855	3.72857	4	3.3	17.13142	0.07548	17.11972	2.2E+08
20.64622	21	20.4	16.60086	16.68022	16.45855	3.72857	4	3.3	17.21462	0.01482	17.20277	2.2E+08
21.18989	21.5	20.9	16.45697	16.59709	16.2923	3.0815	3.5	2.69999	17.29783	0.06068	17.28611	2.2E+08
20.71503	21.1	20.5	16.55873	16.68022	16.43084	3.53369	3.8	3	17.38103	0.02018	17.36944	2.2E+08
21.20836	21.6	20.69999	16.52524	16.65251	16.34772	3.01519	3.5	2.59999	17.46424	0.02725	17.45277	2.2E+08
21.29329	21.6	21	16.56172	16.68022	16.43084	2.9983	3.4	2.59999	17.54744	0.03505	17.53611	2.2E+08
21.19329	21.5	21	16.58018	16.70792	16.48626	3.1605	3.4	2.8	17.63064	0.09798	17.61972	2.2E+08
21.026	21.5	20.5	16.57226	16.70792	16.48626	3.174	3.8	2.5	17.71385	0.04038	17.70305	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
21.88901	22.3	21.5	16.48783	16.59709	16.32001	2.36561	2.69999	2	17.79705	0.0352	17.78638	2.2E+08
21.88901	22.3	21.5	16.48783	16.59709	16.32001	2.36561	2.69999	2	17.88025	0.07043	17.86944	2.2E+08
22.39912	22.69999	21.9	16.56184	16.70792	16.40313	1.95293	2.6	1.6	17.96346	0.07045	17.95277	2.2E+08
22.04197	22.5	21.69999	16.7006	16.79105	16.6248	2.50927	2.8	2.09999	18.04666	0.02014	18.03638	2.2E+08
22.30509	22.5	22.1	16.80703	16.92959	16.65251	2.44196	2.8	2.09999	18.12987	0	18.11944	2.2E+08
22.11516	22.5	21.69999	16.92902	17.12354	16.81876	2.90502	4.3	2.9	18.21307	0.01238	18.20277	2.2E+08
21.701	22.19999	21.19999	17.0856	17.20666	16.9573	3.66031	4.2	3	18.29628	0.0078	18.28638	2.2E+08
21.701	22.19999	21.19999	17.0856	17.20666	16.9573	3.66031	4.2	3	18.37948	0.06032	18.36944	2.2E+08
22.64971	23.1	22.19999	17.00761	17.09584	16.90188	2.90491	3.4	2.49999	18.46268	0.02007	18.45305	2.2E+08
22.64971	23.1	22.19999	17.00761	17.09584	16.90188	2.90491	3.4	2.49999	18.54588	0.04761	18.53611	2.2E+08
22.83464	23.1	22.4	17.04556	17.20666	16.87417	2.83005	3.3	2.49999	18.62909	0	18.61944	2.2E+08
23.03009	23.3	22.8	17.17334	17.26208	16.985	2.83473	3.3	2.4	18.7123	0.01533	18.70277	2.2E+08
23.31769	23.5	23.1	17.2634	17.40062	17.15125	3.04701	3.3	2.69999	18.7955	0.04288	18.78638	2.2E+08
23.31769	23.5	23.1	17.2634	17.40062	17.15125	3.04701	3.3	2.69999	18.87871	0.07861	18.86944	2.2E+08
23.42347	23.69999	23.1	17.2985	17.40062	17.17896	3.20094	3.49999	2.99999	18.96191	0.03543	18.95277	2.2E+08
23.56459	24	23.1	17.44567	17.59458	17.26208	3.38166	3.9	2.8	19.04511	0	19.03638	2.2E+08
23.56459	24	23.1	17.44567	17.59458	17.26208	3.38166	3.9	2.8	19.12832	0.11089	19.11944	2.2E+08
23.61769	24	23.4	17.44695	17.56687	17.34521	3.49821	3.8	3	19.21152	0	19.20305	2.2E+08
23.61769	24	23.4	17.44695	17.56687	17.34521	3.49821	3.8	3	19.29473	0.01537	19.28611	2.2E+08
24.0361	24.5	23.6	17.46307	17.59458	17.3175	3.12694	3.69999	2.69999	19.37793	0.03998	19.36972	2.2E+08
24.0361	24.5	23.6	17.46307	17.59458	17.3175	3.12694	3.69999	2.69999	19.46113	0	19.45277	2.2E+08
24.77918	25.3	24.3	17.52583	17.59458	17.40062	2.74185	3.2	2.3	19.54434	0.01992	19.53638	2.2E+08
24.77918	25.3	24.3	17.52583	17.59458	17.40062	2.74185	3.2	2.3	19.62754	0.05985	19.61944	2.2E+08
25.07049	25.3	24.8	17.54965	17.70541	17.34521	2.64971	3.1	2.3	19.71074	0.01997	19.70277	2.2E+08
24.43778	24.69999	24.19999	17.68184	17.78854	17.56687	3.49413	3.7	3.2	19.79395	0	19.78638	2.2E+08
24.19853	24.6	24	17.66553	17.76083	17.51146	3.43924	3.8	2.9	19.87715	0.00448	19.86972	2.2E+08
24.19853	24.6	24	17.66553	17.76083	17.51146	3.43924	3.8	2.9	19.96035	0.01995	19.95277	2.2E+08
24.72187	24.8	24.6	17.49086	17.59458	17.40062	2.80834	2.9	2.7	20.04356	0.03554	20.03611	2.2E+08
24.19833	24.69999	24	17.65473	17.78854	17.45604	3.64524	3.9	3.2	20.12676	0.00782	20.11972	2.2E+08
24.13863	24.19999	24	17.52567	17.6777	17.40062	3.41679	3.59999	3.3	20.20996	0.03547	20.20305	2.2E+08
24.13863	24.19999	24	17.52567	17.6777	17.40062	3.41679	3.59999	3.3	20.29317	0	20.28611	2.2E+08
23.57393	23.69999	23.3	17.46534	17.59458	17.37292	3.48227	3.8	3.2	20.37637	0.02003	20.36972	2.2E+08
23.57393	23.69999	23.3	17.46534	17.59458	17.37292	3.48227	3.8	3.3	20.45958	0.03534	20.45277	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
23.33766	23.6	23	17.43308	17.48375	17.34521	3.51016	3.8	3.3	20.54278	0.03532	20.53611	2.2E+08
22.90079	23.1	22.8	17.43867	17.51146	17.34521	3.69911	3.9	3.4	20.62598	0.00782	20.61944	2.2E+08
22.78655	22.9	22.69999	17.34333	17.45604	17.26208	3.55114	3.8	3.4	20.70919	0	20.70277	2.2E+08
22.82601	23	22.69999	17.27678	17.40062	17.15125	3.34037	3.5	3.09999	20.79239	0.04319	20.78611	2.2E+08
23.12936	23.4	23	17.26735	17.34521	17.20666	2.99414	3.19999	2.69999	20.87559	0	20.86972	2.2E+08
23.12936	23.4	23	17.26735	17.34521	17.20666	2.99414	3.19999	2.69999	20.9588	0.00491	20.95277	2.2E+08
22.77224	23	22.5	17.32775	17.42833	17.23437	3.3983	3.69999	3.09999	21.042	0	21.03611	2.2E+08
22.66736	22.8	22.4	17.28798	17.42833	17.23437	3.29222	3.2	2.3	21.12521	0.05079	21.11944	2.2E+08
23.53352	23.69999	23.1	17.18497	17.28979	17.06813	2.42953	2.9	2.09999	21.20841	0.09563	21.20305	2.2E+08
23.53352	23.69999	23.1	17.18497	17.28979	17.06813	2.42953	2.9	2.09999	21.29161	0.05063	21.28611	2.2E+08
23.03343	23.3	22.8	17.24975	17.3175	17.15125	3.0271	3.2	2.69999	21.37481	0.03532	21.36944	2.2E+08
22.70835	22.8	22.5	17.2323	17.3175	17.09584	3.15798	3.3	2.9	21.45802	0.04804	21.45277	2.2E+08
22.5	22.8	22.3	17.16579	17.28979	16.985	3.1655	3.3	2.9	21.54122	0.01512	21.53638	2.2E+08
22.2521	22.5	22.1	17.06162	17.17896	16.92959	3.12935	3.3	2.9	21.62442	0.07042	21.61944	2.2E+08
22.15952	22.4	21.8	16.97221	17.09584	16.90188	2.96231	3.3	2.69999	21.70763	0.02797	21.70277	2.2E+08
21.81009	22.1	21.69999	16.96742	17.04042	16.90188	3.18136	3.3	2.8	21.79083	0.02019	21.78611	2.2E+08
21.64614	21.69999	21.5	16.91652	16.985	16.84646	2.92699	3.09999	2.8	21.87403	0.05801	21.86972	2.2E+08
21.64614	21.69999	21.5	16.91652	16.985	16.84646	2.92699	3.09999	2.8	21.95724	0.07025	21.95277	2.2E+08
20.8897	21.1	20.5	16.78016	16.90188	16.65251	3.10269	3.4	2.9	22.04044	0.0553	22.03638	2.2E+08
20.8897	21.1	20.5	16.78016	16.90188	16.65251	3.10269	3.4	2.9	22.12365	0.03499	22.11944	2.2E+08
20.22674	20.5	20	16.74051	16.84646	16.65251	3.44373	3.59999	3.1	22.20685	0	22.20277	2.2E+08
19.96293	20	19.8	16.58554	16.70792	16.48626	2.94451	3.1	2.69999	22.29005	0.0078	22.28638	2.2E+08
19.96293	20	19.8	16.58554	16.70792	16.48626	2.94451	3.2	2.9	22.37326	0.06993	22.36944	2.2E+08
19.71175	19.8	19.5	16.55708	16.68022	16.45855	3.02014	3.2	2.9	22.45646	0.07204	22.45277	2.2E+08
19.6209	19.69999	19.4	16.55976	16.65251	16.40313	3.02779	3.3	2.9	22.53966	0	22.53611	2.2E+08
19.29749	19.5	19.1	16.47026	16.56938	16.34772	3.0958	3.3	2.8	22.62287	0.02035	22.61972	2.2E+08
19.29749	19.5	19.1	16.47026	16.56938	16.34772	3.0958	3.3	2.8	22.70607	0.03491	22.70277	2.2E+08
19.02275	19.1	18.8	16.45386	16.54167	16.32001	2.96717	3.2	2.8	22.78929	0.00868	22.78638	2.2E+08
19.02275	19.1	18.8	16.45386	16.54167	16.32001	2.96717	3.1	2.8	22.87249	0.05524	22.86944	2.2E+08
18.92928	19.1	18.8	16.46313	16.54167	16.34772	2.99318	3.1	2.8	22.95569	0.03483	22.95277	2.2E+08
18.73521	18.8	18.69999	16.48655	16.56938	16.32001	2.90503	3	2.8	23.0389	0	23.03611	2.2E+08
18.64198	18.69999	18.5	16.50121	16.56938	16.40313	2.89908	3	2.8	23.1221	0.03481	23.11944	2.2E+08
18.50165	18.6	18.3	16.50408	16.56938	16.45855	2.82689	3.1	2.69999	23.2053	0.03483	23.20305	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.50165	18.6	18.3	16.50408	16.56938	16.45855	2.82689	3.1	2.69999	23.28851	0	23.28611	2.2E+08
18.33694	18.5	18.3	16.5056	16.56938	16.43084	2.64866	2.7	2.5	23.37171	0	23.36972	2.2E+08
18.33694	18.5	18.3	16.5056	16.56938	16.43084	2.64866	2.8	2.4	23.45491	0.03479	23.45305	2.2E+08
18.20413	18.3	18.1	16.55812	16.68022	16.45855	2.68062	2.8	2.4	23.53811	0	23.53611	2.2E+08
18.08321	18.19999	18	16.53604	16.6248	16.45855	2.55036	2.69999	2.4	23.62132	0.02041	23.61972	2.2E+08
18.08321	18.19999	18	16.53604	16.6248	16.45855	2.55036	2.69999	2.4	23.70452	0.00781	23.70277	2.2E+08
18.11345	18.19999	18.1	16.5662	16.68022	16.45855	2.40997	2.49999	2.19999	23.78773	0	23.78611	2.2E+08
18.11345	18.19999	18.1	16.52339	16.65251	16.45855	2.16635	2.19999	1.99999	23.87093	0.01434	23.86972	2.2E+08
18.21416	18.3	18.1	16.53501	16.68022	16.45855	1.93959	2.19999	1.7	23.95413	0	23.95305	2.2E+08
18.24579	18.3	18.1	8.65546	16.65251	0	1.78033	1.99999	1.7	24.00179	0	24	2.2E+08
18.24579	18.3	18.1	8.65546	16.65251	0	1.78033	1.99999	1.7	24.00179	0	24	2.2E+08
18.30672	18.5	18.19999	0	0	0	1.68992	1.8	1.5	24.00179	0	24	2.2E+08
18.46978	18.5	18.3	0	0	0	1.48469	1.7	1.19999	24.00179	0	24	2.2E+08
18.51344	18.6	18.5	0	0	0	1.35036	1.5	1.09999	24.00179	0	24	2.2E+08
18.41754	18.5	18.3	0	0	0	1.32446	1.5	1.19999	24.00179	0	24	2.2E+08
18.10336	18.19999	18.1	0	0	0	1.57649	1.59999	1.49999	24.00179	0	24	2.2E+08
18.10336	18.19999	18.1	0	0	0	1.57649	1.59999	1.49999	24.00179	0	24	2.2E+08

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Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Data Log Data	
Channel No.		1
Source	D 12000	
Sampling Method	Event Bit	
Device	M 972	
SARTI4 PM2.5		

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 10:04:46	0	0	0	749.2	749.2	749.2	26.13046	26.3	26
10/11/2016 10:09:46	0	0	0	761.0062	761.9	759	19.9303	28.69999	19.4
10/11/2016 10:14:46	5.47622	18.32381	0	762.9631	763.3	761.9	20.92665	21.2	19.69999
10/11/2016 10:19:46	0	0	0	763.4503	763.5	763.4	21.42079	21.8	20.9
10/11/2016 10:24:46	0	0	0	763.4503	763.5	763.4	21.42079	21.8	20.9
10/11/2016 10:29:46	0	0	0	763.489	763.5	763.4	21.42413	22.9	20.4
10/11/2016 10:34:46	0	0	0	763.4	763.4	763.4	21.58992	21.9	21.3
10/11/2016 10:39:46	0	0	0	763.4	763.4	763.4	21.66376	21.7	21.6
10/11/2016 10:44:46	0	0	0	763.4182	763.5	763.4	21.71341	21.8	21.7
10/11/2016 10:49:46	0	0	0	763.5	763.5	763.5	21.75637	21.9	21.7
10/11/2016 10:54:46	0	0	0	763.5	763.5	763.5	21.8604	21.9	21.8
10/11/2016 10:59:46	0	0	0	763.506	763.6	763.5	21.93018	22.2	21.8
10/11/2016 11:04:46	0	0	0	763.5865	763.6	763.5	22.05972	22.2	21.9
10/11/2016 11:09:46	0	0	0	763.6	763.6	763.6	22.18053	22.3	21.9
10/11/2016 11:14:46	0	0	0	763.6332	763.7	763.6	22.32348	22.5	22.2
10/11/2016 11:19:46	0	0	0	763.6577	763.7	763.6	22.39731	22.5	22.3
10/11/2016 11:24:46	0	0	0	763.6	763.6	763.6	22.54429	22.7	22.4
10/11/2016 11:29:46	0	0	0	763.6	763.6	763.6	22.54429	22.7	22.4
10/11/2016 11:34:46	0	0	0	763.6	763.6	763.6	22.68322	22.8	22.5
10/11/2016 11:39:46	0	0	0	763.6816	763.7	763.6	22.7765	22.9	22.7
10/11/2016 11:44:46	0	0	0	763.701	763.8	763.7	22.84698	22.9	22.7
10/11/2016 11:49:46	0	0	0	763.7	763.7	763.7	22.91006	23	22.9
10/11/2016 11:54:46	0	0	0	763.7	763.7	763.7	22.9604	23.1	22.9
10/11/2016 11:59:46	0	0	0	763.7	763.7	763.7	23.02685	23.1	23
10/11/2016 12:04:46	0	0	0	763.7386	763.8	763.7	23.28994	23.4	23

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 12:09:46	0	0	0	763.7386	763.8	763.7	23.28994	23.4	23
10/11/2016 12:14:46	0	0	0	763.704	763.8	763.7	23.3134	23.4	23.1
10/11/2016 12:19:46	0	0	0	763.692	763.7	763.6	23.27447	23.3	23.1
10/11/2016 12:24:46	0	0	0	763.6356	763.7	763.6	23.22616	23.3	23.1
10/11/2016 12:29:46	0	0	0	763.6	763.6	763.6	23.23759	23.3	23
10/11/2016 12:34:46	0	0	0	763.609	763.7	763.6	23.30671	23.4	23.1
10/11/2016 12:39:46	0	0	0	763.5798	763.6	763.5	23.38658	23.5	23.3
10/11/2016 12:44:46	0	0	0	763.5	763.5	763.5	23.43355	23.6	23.3
10/11/2016 12:49:46	0	0	0	763.4487	763.5	763.3	23.51342	23.6	23.4
10/11/2016 12:54:46	0	0	0	763.4	763.4	763.4	23.68391	23.9	23.6
10/11/2016 12:59:46	0	0	0	763.4	763.4	763.4	23.68391	23.9	23.6
10/11/2016 13:04:46	0	0	0	763.4	763.4	763.4	23.86645	23.9	23.7
10/11/2016 13:09:46	0	0	0	763.4	763.4	763.4	24.09061	24.2	24
10/11/2016 13:14:46	0	0	0	763.4	763.4	763.4	24.2302	24.3	24.2
10/11/2016 13:19:46	0	0	0	763.3779	763.4	763.3	24.39126	24.6	24.2
10/11/2016 13:24:46	0	0	0	763.3779	763.4	763.3	24.39126	24.6	24.2
10/11/2016 13:29:46	0	0	0	763.303	763.4	763.3	24.65101	24.8	24.5
10/11/2016 13:34:46	0	0	0	763.298	763.3	763.2	24.77986	24.9	24.6
10/11/2016 13:39:46	0	0	0	763.299	763.3	763.2	24.96109	25.2	24.8
10/11/2016 13:44:46	0	0	0	763.3121	763.4	763.2	25.22416	25.3	25.1
10/11/2016 13:49:46	0	0	0	763.2537	763.4	763.2	25.29731	25.4	25.2
10/11/2016 13:54:46	0	0	0	763.194	763.3	763.1	25.41409	25.5	25.3
10/11/2016 13:59:46	0	0	0	763.1433	763.2	763.1	25.54698	25.7	25.5
10/11/2016 14:04:46	0	0	0	763.1382	763.2	763.1	25.74027	25.8	25.7
10/11/2016 14:09:46	0	0	0	763.113	763.2	763.1	25.85704	25.9	25.8
10/11/2016 14:14:46	0	0	0	763.1453	763.2	763.1	25.95436	26	25.8
10/11/2016 14:19:46	0	0	0	763.1446	763.2	763	25.92282	26	25.9
10/11/2016 14:24:46	0	0	0	763.0231	763.1	763	25.79733	25.9	25.7
10/11/2016 14:29:46	0	0	0	763.0231	763.1	763	25.79733	25.9	25.7
10/11/2016 14:34:46	0	0	0	763.011	763.1	763	25.8329	25.9	25.8
10/11/2016 14:39:46	0	0	0	763.0768	763.1	763	25.87651	25.9	25.8
10/11/2016 14:44:46	0	0	0	763.0386	763.1	763	25.66644	25.8	25.5
10/11/2016 14:49:46	0	0	0	762.991	763.1	762.9	25.45166	25.7	25.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 14:54:46	0	0	0	762.9406	763	762.9	25.29663	25.3	25.2
10/11/2016 14:59:46	0	0	0	762.9199	763	762.9	25.3067	25.4	25.3
10/11/2016 15:04:46	0	0	0	762.9199	763	762.9	25.3067	25.4	25.3
10/11/2016 15:09:46	15.63876	16.69576	0	762.994	763	762.9	25.39322	25.5	25.3
10/11/2016 15:14:46	15.63876	16.69576	0	762.994	763	762.9	25.39322	25.5	25.3
10/11/2016 15:19:46	16.67403	16.69576	16.65475	763.0262	763.1	763	25.94433	26.1	25.8
10/11/2016 15:24:46	16.67403	16.69576	16.65475	763.0262	763.1	763	25.94433	26.1	25.8
10/11/2016 15:29:46	16.67473	16.69644	16.65902	763.0638	763.1	762.9	26.21818	26.3	26
10/11/2016 15:34:46	16.6756	16.69362	16.6583	763.1	763.1	763.1	25.8859	26	25.7
10/11/2016 15:39:46	16.6756	16.69362	16.6583	763.1	763.1	763.1	25.8859	26	25.7
10/11/2016 15:44:46	16.6737	16.69362	16.64136	763.1	763.1	763.1	25.68586	25.8	25.5
10/11/2016 15:49:46	16.67335	16.69218	16.64558	763.1	763.1	763.1	25.31543	25.5	25.3
10/11/2016 15:54:46	16.67335	16.69218	16.64558	763.1	763.1	763.1	25.31543	25.5	25.3
10/11/2016 15:59:46	16.67244	16.69784	16.65123	763.0779	763.1	763	25.25303	25.3	25.2
10/11/2016 16:04:46	16.67749	16.69766	16.66093	763.1	763.1	763.1	24.98256	25.2	24.9
10/11/2016 16:09:46	16.67749	16.69766	16.66093	763.1	763.1	763.1	24.98256	25.2	24.9
10/11/2016 16:14:46	16.67646	16.69914	16.65967	763.0839	763.1	763	24.88322	24.9	24.8
10/11/2016 16:19:46	16.67483	16.7028	16.64836	763.0527	763.1	762.9	24.88323	24.9	24.8
10/11/2016 16:24:46	16.67286	16.69347	16.65401	763.0986	763.1	763	24.79997	24.9	24.7
10/11/2016 16:29:46	16.67286	16.69347	16.65401	763.0986	763.1	763	24.79997	24.9	24.7
10/11/2016 16:34:46	16.67574	16.69883	16.65227	763.1	763.1	763.1	24.66976	24.8	24.6
10/11/2016 16:39:46	16.67759	16.69883	16.6621	763.1	763.1	763.1	24.21946	24.3	24.2
10/11/2016 16:44:46	16.67759	16.69883	16.6621	763.1	763.1	763.1	24.21946	24.3	24.2
10/11/2016 16:49:46	16.67587	16.6938	16.65708	763	763	763	24.05856	24.2	24
10/11/2016 16:54:46	16.67587	16.6938	16.65708	763	763	763	24.05856	24.2	24
10/11/2016 16:59:46	16.67608	16.69555	16.65664	762.8651	763	762.7	24.00336	24.1	23.9
10/11/2016 17:04:46	16.67328	16.69752	16.65511	762.9	762.9	762.9	24.01008	24.1	24
10/11/2016 17:09:46	16.67544	16.69599	16.65096	762.8567	762.9	762.7	23.93626	24	23.9
10/11/2016 17:14:46	16.67506	16.69775	16.65315	762.7825	762.9	762.6	23.98658	24	23.9
10/11/2016 17:19:46	16.67506	16.69775	16.65315	762.7825	762.9	762.6	23.98658	24	23.9
10/11/2016 17:24:46	16.6741	16.69796	16.66054	762.5627	762.8	762.4	24.01676	24.1	23.9
10/11/2016 17:29:46	16.67304	16.69468	16.64502	762.6376	762.7	762.4	24.09398	24.2	24
10/11/2016 17:34:46	16.67232	16.69507	16.64899	762.7757	762.8	762.4	23.98981	24.2	23.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 17:39:46	16.67232	16.69507	16.64899	762.7757	762.8	762.4	23.98981	24.2	23.7
10/11/2016 17:44:46	16.67534	16.69726	16.65641	762.703	762.8	762.7	23.67984	23.9	23.5
10/11/2016 17:49:46	16.6742	16.70321	16.656	762.5027	762.7	762.4	23.47586	23.6	23.3
10/11/2016 17:54:46	16.67403	16.69688	16.65353	762.5375	762.6	762.5	23.1852	23.5	23
10/11/2016 17:59:46	16.67403	16.69688	16.65353	762.5375	762.6	762.5	23.1852	23.5	23
10/11/2016 18:04:46	16.67306	16.68981	16.65881	762.5889	762.7	762.5	22.3834	22.7	22.2
10/11/2016 18:09:46	16.67306	16.68981	16.65881	762.5889	762.7	762.5	22.3834	22.7	22.2
10/11/2016 18:14:46	16.67544	16.68834	16.65903	762.694	762.7	762.6	22.00132	22.2	21.8
10/11/2016 18:19:46	16.67682	16.68834	16.66308	762.6929	762.8	762.6	21.61612	21.7	21.5
10/11/2016 18:24:46	16.67682	16.68834	16.66308	762.6929	762.8	762.6	21.61612	21.7	21.5
10/11/2016 18:29:46	16.67294	16.68713	16.66139	762.6464	762.7	762.6	21.32699	21.6	21.2
10/11/2016 18:34:46	16.67294	16.68713	16.66139	762.6464	762.7	762.6	21.32699	21.6	21.2
10/11/2016 18:39:46	16.67549	16.69115	16.6597	762.704	762.8	762.6	21.22922	21.3	21
10/11/2016 18:44:46	16.67397	16.69115	16.66189	762.602	762.7	762.6	20.95621	21	20.9
10/11/2016 18:49:46	16.67369	16.68139	16.66189	762.601	762.7	762.6	20.86631	21	20.6
10/11/2016 18:54:46	16.67369	16.68139	16.66189	762.601	762.7	762.6	20.86631	21	20.6
10/11/2016 18:59:46	16.67701	16.68942	16.66246	762.6154	762.7	762.6	20.58323	20.6	20.5
10/11/2016 19:04:46	16.67701	16.68942	16.66246	762.6154	762.7	762.6	20.58323	20.6	20.5
10/11/2016 19:09:46	16.67345	16.68768	16.65317	762.5638	762.6	762.5	20.41004	20.6	20.3
10/11/2016 19:14:46	16.67345	16.68768	16.65317	762.5638	762.6	762.5	20.41004	20.6	20.3
10/11/2016 19:19:46	16.67487	16.68768	16.65852	762.6445	762.7	762.6	20.32589	20.4	20.3
10/11/2016 19:24:46	16.67372	16.68193	16.65852	762.6323	762.7	762.6	20.07981	20.3	20
10/11/2016 19:29:46	16.67372	16.68193	16.65852	762.6323	762.7	762.6	20.07981	20.3	20
10/11/2016 19:34:46	16.67204	16.68592	16.65672	762.6	762.6	762.6	19.97978	20	19.9
10/11/2016 19:39:46	16.67544	16.69346	16.65852	762.6738	762.7	762.6	19.85956	19.9	19.8
10/11/2016 19:44:46	16.67544	16.69346	16.65852	762.6738	762.7	762.6	19.85956	19.9	19.8
10/11/2016 19:49:46	16.67704	16.69346	16.66426	762.7	762.7	762.7	19.80568	19.9	19.7
10/11/2016 19:54:46	16.67704	16.68771	16.66606	762.7354	762.8	762.7	19.7202	19.8	19.7
10/11/2016 19:59:46	16.67528	16.68552	16.66606	762.8	762.8	762.8	19.64617	19.7	19.5
10/11/2016 20:04:46	16.67546	16.68552	16.65633	762.8	762.8	762.8	19.57209	19.7	19.5
10/11/2016 20:09:46	16.67536	16.69127	16.65633	762.8	762.8	762.8	19.51682	19.7	19.4
10/11/2016 20:14:46	16.67415	16.69702	16.66207	762.8	762.8	762.8	19.47979	19.7	19.3
10/11/2016 20:19:46	16.67562	16.68729	16.66207	762.8	762.8	762.8	19.41582	19.5	19.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 20:24:46	16.67736	16.68949	16.66032	762.7272	762.8	762.7	19.39897	19.5	19.3
10/11/2016 20:29:46	16.67443	16.69168	16.64883	762.7606	762.8	762.7	19.30672	19.4	19.2
10/11/2016 20:34:46	16.67443	16.69168	16.64883	762.7606	762.8	762.7	19.30672	19.4	19.2
10/11/2016 20:39:46	16.67156	16.69922	16.65855	762.8	762.8	762.8	19.2394	19.3	19.2
10/11/2016 20:44:46	16.67156	16.69922	16.65855	762.8	762.8	762.8	19.2394	19.3	19.2
10/11/2016 20:49:46	16.67659	16.69922	16.65855	762.8	762.8	762.8	19.22018	19.3	19.2
10/11/2016 20:54:46	16.67921	16.69922	16.66827	762.8	762.8	762.8	19.19327	19.3	19.1
10/11/2016 20:59:46	16.67679	16.69166	16.66252	762.7869	762.8	762.7	19.1832	19.3	19.1
10/11/2016 21:04:46	16.67354	16.68237	16.65102	762.6737	762.7	762.6	19.03834	19.2	18.9
10/11/2016 21:09:46	16.67578	16.68633	16.65718	762.6	762.6	762.6	19.00906	19.2	18.9
10/11/2016 21:14:46	16.67578	16.68633	16.65718	762.6	762.6	762.6	19.00906	19.2	18.9
10/11/2016 21:19:46	16.67269	16.69166	16.66252	762.8	762.8	762.8	18.95046	19.2	18.8
10/11/2016 21:24:46	16.67241	16.69166	16.66252	762.8	762.8	762.8	18.90675	19.2	18.8
10/11/2016 21:29:46	16.67321	16.70138	16.65677	762.8	762.8	762.8	18.87303	18.9	18.8
10/11/2016 21:34:46	16.67321	16.70138	16.65677	762.8	762.8	762.8	18.87303	18.9	18.8
10/11/2016 21:39:46	16.67338	16.69166	16.65854	762.8313	762.9	762.8	18.8505	18.9	18.8
10/11/2016 21:44:46	16.67721	16.69342	16.65854	762.899	762.9	762.8	18.75051	18.8	18.7
10/11/2016 21:49:46	16.67721	16.69342	16.65854	762.899	762.9	762.8	18.75051	18.8	18.7
10/11/2016 21:54:46	16.67743	16.68766	16.65278	762.9	762.9	762.9	18.71921	18.8	18.7
10/11/2016 21:59:46	16.67597	16.69736	16.6603	762.9536	763	762.9	18.70335	18.8	18.7
10/11/2016 22:04:46	16.67534	16.69517	16.6603	763	763	763	18.67981	18.7	18.6
10/11/2016 22:09:46	16.67438	16.69517	16.6603	763	763	763	18.66972	18.7	18.6
10/11/2016 22:14:46	16.67416	16.69517	16.6603	763	763	763	18.65283	18.7	18.6
10/11/2016 22:19:46	16.67169	16.69517	16.6603	763	763	763	18.6269	18.7	18.6
10/11/2016 22:24:46	16.67603	16.68547	16.6603	762.999	763	762.9	18.58315	18.7	18.3
10/11/2016 22:29:46	16.67603	16.68547	16.6603	762.999	763	762.9	18.58315	18.7	18.3
10/11/2016 22:34:46	16.67585	16.68547	16.65635	762.996	763	762.9	18.5697	18.7	18.3
10/11/2016 22:39:46	16.6762	16.68547	16.6603	763	763	763	18.5495	18.7	18.3
10/11/2016 22:44:46	16.67673	16.68547	16.6603	763	763	763	18.50203	18.6	18.3
10/11/2016 22:49:46	16.67673	16.68547	16.6603	763	763	763	18.50203	18.6	18.3
10/11/2016 22:54:46	16.67539	16.69123	16.6621	763	763	763	18.50337	18.6	18.3
10/11/2016 22:59:46	16.67495	16.68547	16.66387	763.0374	763.1	763	18.41442	18.6	18.3
10/11/2016 23:04:46	16.67495	16.68547	16.66387	763.0374	763.1	763	18.41442	18.6	18.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 23:09:46	16.67442	16.69079	16.65411	763.1949	763.2	763.1	18.39768	18.6	18.3
10/11/2016 23:14:46	16.67442	16.69079	16.65411	763.1949	763.2	763.1	18.39768	18.6	18.3
10/11/2016 23:19:46	16.67442	16.68503	16.65411	763.2	763.2	763.2	18.33507	18.6	18.3
10/11/2016 23:24:46	16.67442	16.68503	16.65411	763.2	763.2	763.2	18.33507	18.6	18.3
10/11/2016 23:29:46	16.67537	16.69254	16.65586	763.2606	763.3	763.2	18.28649	18.3	18.2
10/11/2016 23:34:46	16.67537	16.69254	16.65586	763.2606	763.3	763.2	18.28649	18.3	18.2
10/11/2016 23:39:46	16.6757	16.69853	16.66947	763.2525	763.3	763.2	18.28082	18.3	18.2
10/11/2016 23:44:46	16.67853	16.69853	16.66947	763.3	763.3	763.3	18.26967	18.3	18.2
10/11/2016 23:49:46	16.6787	16.67916	16.66947	763.3	763.3	763.3	18.23027	18.3	18.2
10/11/2016 23:54:46	16.67896	16.68884	16.65978	763.3	763.3	763.3	18.22017	18.3	18.2
10/11/2016 23:59:46	16.67815	16.68884	16.65978	763.3	763.3	763.3	18.2	18.2	18.2
10/12/2016 00:04:46	16.67367	16.69103	16.66197	763.2091	763.3	763.2	18.19663	18.2	18.1
10/12/2016 00:09:46	16.67367	16.69103	16.66197	763.2091	763.3	763.2	18.19663	18.2	18.1
10/12/2016 00:14:46	16.67298	16.68711	16.66197	763.2	763.2	763.2	18.17307	18.2	18
10/12/2016 00:19:46	16.67279	16.68711	16.66197	763.2	763.2	763.2	18.13599	18.2	18
10/12/2016 00:24:46	16.67577	16.68931	16.66197	763.1585	763.2	763.1	18.10103	18.2	18
10/12/2016 00:29:46	16.67854	16.699	16.66416	763.1	763.1	763.1	18.10907	18.2	18
10/12/2016 00:34:46	16.67655	16.69472	16.64836	763.2	763.2	763.2	18.05049	18.2	18
10/12/2016 00:39:46	16.67655	16.69472	16.64836	763.2	763.2	763.2	18.05049	18.2	18
10/12/2016 00:44:46	16.67346	16.70223	16.66162	763.3	763.3	763.3	18.02357	18.2	18
10/12/2016 00:49:46	16.67346	16.70223	16.66162	763.3	763.3	763.3	18.02357	18.2	18
10/12/2016 00:54:46	16.67843	16.69436	16.65374	763.3	763.3	763.3	18.03365	18.2	17.9
10/12/2016 00:59:46	16.67806	16.69042	16.6692	763.2959	763.3	763.2	18.03704	18.2	18
10/12/2016 01:04:46	16.67158	16.68685	16.66168	763.2	763.2	763.2	18.10776	18.2	18
10/12/2016 01:09:46	16.67239	16.68685	16.66168	763.2	763.2	763.2	18.14615	18.2	18
10/12/2016 01:14:46	16.67374	16.68685	16.65198	763.2	763.2	763.2	18.16295	18.2	18
10/12/2016 01:19:46	16.67374	16.68685	16.65198	763.2	763.2	763.2	18.16295	18.2	18
10/12/2016 01:24:46	16.67352	16.69261	16.66348	763.2031	763.3	763.2	18.19664	18.3	18.1
10/12/2016 01:29:46	16.67352	16.69261	16.66348	763.2031	763.3	763.2	18.19664	18.3	18.1
10/12/2016 01:34:46	16.67358	16.69261	16.65773	763.2131	763.3	763.2	18.2	18.2	18.2
10/12/2016 01:39:46	16.67414	16.69261	16.65198	763.2	763.2	763.2	18.20338	18.3	18.1
10/12/2016 01:44:46	16.67374	16.69261	16.66168	763.2011	763.3	763.2	18.21346	18.3	18.2
10/12/2016 01:49:46	16.67431	16.69261	16.6595	763.2222	763.3	763.2	18.21683	18.3	18.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 01:54:46	16.67289	16.68503	16.66168	763.2	763.2	763.2	18.22692	18.3	18.2
10/12/2016 01:59:46	16.67494	16.69472	16.65805	763.2	763.2	763.2	18.23709	18.3	18.2
10/12/2016 02:04:46	16.67646	16.69472	16.65805	763.2	763.2	763.2	18.21913	18.3	18.2
10/12/2016 02:09:46	16.67492	16.68711	16.65447	763.1636	763.2	763.1	18.21008	18.3	18.2
10/12/2016 02:14:46	16.67254	16.68711	16.66197	763.1687	763.2	763.1	18.21009	18.3	18.2
10/12/2016 02:19:46	16.67242	16.68134	16.65621	763.2	763.2	763.2	18.19327	18.3	18
10/12/2016 02:24:46	16.67509	16.70462	16.65621	763.2495	763.3	763.2	18.18655	18.2	18.1
10/12/2016 02:29:46	16.67509	16.70462	16.65621	763.2495	763.3	763.2	18.18655	18.2	18.1
10/12/2016 02:34:46	16.67681	16.69665	16.66762	763.3	763.3	763.3	18.18316	18.3	18
10/12/2016 02:39:46	16.67729	16.69665	16.66762	763.3	763.3	763.3	18.15961	18.2	18
10/12/2016 02:44:46	16.67661	16.69275	16.66762	763.3	763.3	763.3	18.17309	18.3	18
10/12/2016 02:49:46	16.6772	16.69103	16.65621	763.2889	763.3	763.2	18.1899	18.3	18.1
10/12/2016 02:54:46	16.6772	16.69103	16.65621	763.2889	763.3	763.2	18.1899	18.3	18.1
10/12/2016 02:59:46	16.67536	16.69275	16.66762	763.3	763.3	763.3	18.22597	18.3	18.2
10/12/2016 03:04:46	16.67536	16.69275	16.66762	763.3	763.3	763.3	18.22597	18.3	18.2
10/12/2016 03:09:46	16.6767	16.69275	16.6637	763.3	763.3	763.3	18.26635	18.3	18.2
10/12/2016 03:14:46	16.67552	16.69494	16.65794	763.2686	763.3	763.2	18.31683	18.5	18.2
10/12/2016 03:19:46	16.67392	16.70104	16.66045	763.1	763.1	763.1	18.35051	18.6	18.3
10/12/2016 03:24:46	16.67392	16.70104	16.66045	763.1	763.1	763.1	18.35051	18.6	18.3
10/12/2016 03:29:46	16.67282	16.69355	16.66045	763.0101	763.1	763	18.34505	18.5	18.3
10/12/2016 03:34:46	16.67282	16.69355	16.66045	763.0101	763.1	763	18.34505	18.5	18.3
10/12/2016 03:39:46	16.67335	16.68386	16.66264	763	763	763	18.38748	18.6	18.3
10/12/2016 03:44:46	16.67425	16.69355	16.66264	763	763	763	18.36057	18.6	18.3
10/12/2016 03:49:46	16.67425	16.69355	16.66264	763	763	763	18.36057	18.6	18.3
10/12/2016 03:54:46	16.67427	16.68964	16.6645	763	763	763	18.41773	18.6	18.3
10/12/2016 03:59:46	16.67424	16.68964	16.6645	762.9919	763	762.9	18.43806	18.6	18.3
10/12/2016 04:04:46	16.67643	16.68791	16.65884	762.9243	763	762.9	18.6	18.6	18.6
10/12/2016 04:09:46	16.67643	16.68791	16.65884	762.9243	763	762.9	18.6	18.6	18.6
10/12/2016 04:14:46	16.67422	16.68572	16.66242	763	763	763	18.62356	18.7	18.6
10/12/2016 04:19:46	16.67261	16.6915	16.65666	762.994	763	762.9	18.66738	18.8	18.6
10/12/2016 04:24:46	16.67738	16.68941	16.66242	763.0253	763.1	763	18.71008	18.8	18.6
10/12/2016 04:29:46	16.67328	16.68722	16.66387	763.1555	763.2	763.1	18.90672	19.1	18.7
10/12/2016 04:34:46	16.67328	16.68722	16.66387	763.1555	763.2	763.1	18.90672	19.1	18.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 04:39:46	16.67414	16.69298	16.66387	763.1	763.1	763.1	18.98759	19.2	18.8
10/12/2016 04:44:46	16.67616	16.68509	16.65992	763.1172	763.2	763.1	19.22693	19.3	19.2
10/12/2016 04:49:46	16.67616	16.68509	16.65992	763.1172	763.2	763.1	19.22693	19.3	19.2
10/12/2016 04:54:46	16.67343	16.6829	16.66348	763.195	763.2	763.1	19.29094	19.4	19.2
10/12/2016 04:59:46	16.67409	16.69261	16.65198	763.2	763.2	763.2	19.39095	19.5	19.3
10/12/2016 05:04:46	16.67472	16.68866	16.65733	763.2455	763.3	763.2	19.52691	19.7	19.5
10/12/2016 05:09:46	16.67378	16.68647	16.66129	763.3	763.3	763.3	19.64141	19.7	19.5
10/12/2016 05:14:46	16.67378	16.68647	16.66129	763.3	763.3	763.3	19.64141	19.7	19.5
10/12/2016 05:19:46	16.67259	16.6829	16.66129	763.2272	763.3	763.2	19.71687	19.8	19.7
10/12/2016 05:24:46	16.67724	16.68826	16.66704	763.2444	763.3	763.2	19.82017	19.9	19.7
10/12/2016 05:29:46	16.67724	16.68826	16.66704	763.2444	763.3	763.2	19.82017	19.9	19.7
10/12/2016 05:34:46	16.67513	16.68826	16.66129	763.3	763.3	763.3	19.90677	20	19.8
10/12/2016 05:39:46	16.67513	16.68826	16.66129	763.3	763.3	763.3	19.90677	20	19.8
10/12/2016 05:44:46	16.67572	16.68826	16.66129	763.3	763.3	763.3	19.97307	20	19.9
10/12/2016 05:49:46	16.67572	16.68826	16.66129	763.3	763.3	763.3	19.97307	20	19.9
10/12/2016 05:54:46	16.67672	16.68826	16.66129	763.3	763.3	763.3	20.00001	20.1	19.9
10/12/2016 05:59:46	16.67757	16.69798	16.65733	763.2909	763.3	763.2	20.0606	20.3	20
10/12/2016 06:04:46	16.67757	16.69798	16.65733	763.2909	763.3	763.2	20.0606	20.3	20
10/12/2016 06:09:46	16.67789	16.69798	16.65733	763.3	763.3	763.3	20.14824	20.3	20
10/12/2016 06:14:46	16.67789	16.69798	16.65733	763.3	763.3	763.3	20.14824	20.3	20
10/12/2016 06:19:46	16.67846	16.68826	16.65911	763.302	763.4	763.3	20.26305	20.3	20
10/12/2016 06:24:46	16.67846	16.68826	16.65911	763.302	763.4	763.3	20.26305	20.3	20
10/12/2016 06:29:46	16.67708	16.68826	16.65911	763.3	763.3	763.3	20.27977	20.3	20.1
10/12/2016 06:34:46	16.67724	16.68429	16.65911	763.3	763.3	763.3	20.30675	20.4	20.3
10/12/2016 06:39:46	16.67724	16.68429	16.65911	763.3	763.3	763.3	20.30675	20.4	20.3
10/12/2016 06:44:46	16.67667	16.69402	16.66485	763.3	763.3	763.3	20.31682	20.4	20.3
10/12/2016 06:49:46	16.676	16.68826	16.65911	763.3091	763.4	763.3	20.32356	20.4	20.3
10/12/2016 06:54:46	16.67395	16.69183	16.66266	763.4	763.4	763.4	20.34037	20.4	20.3
10/12/2016 06:59:46	16.67399	16.68785	16.66266	763.4	763.4	763.4	20.35385	20.4	20.3
10/12/2016 07:04:46	16.67314	16.68785	16.66048	763.4141	763.5	763.4	20.4101	20.5	20.4
10/12/2016 07:09:46	16.67314	16.68785	16.66048	763.4141	763.5	763.4	20.4101	20.5	20.4
10/12/2016 07:14:46	16.67402	16.68429	16.66266	763.3313	763.4	763.3	20.41016	20.5	20.3
10/12/2016 07:19:46	16.67576	16.69579	16.65692	763.3657	763.4	763.3	20.45285	20.6	20.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 07:24:46	16.67576	16.69579	16.65692	763.3657	763.4	763.3	20.45285	20.6	20.4
10/12/2016 07:29:46	16.67654	16.69183	16.66664	763.3718	763.4	763.3	20.43366	20.6	20.4
10/12/2016 07:34:46	16.67689	16.69579	16.65515	763.3444	763.4	763.3	20.3539	20.4	20.3
10/12/2016 07:39:46	16.67689	16.69579	16.65515	763.3444	763.4	763.3	20.3539	20.4	20.3
10/12/2016 07:44:46	16.67564	16.69183	16.65515	763.4071	763.5	763.3	20.32929	20.4	20.3
10/12/2016 07:49:46	16.67535	16.6936	16.65296	763.4212	763.5	763.4	20.33371	20.4	20.3
10/12/2016 07:54:46	16.67617	16.68607	16.65515	763.403	763.5	763.4	20.3202	20.4	20.3
10/12/2016 07:59:46	16.67617	16.68607	16.65515	763.403	763.5	763.4	20.3202	20.4	20.3
10/12/2016 08:04:46	16.6765	16.68964	16.66445	763.5465	763.6	763.5	20.31579	20.4	20.3
10/12/2016 08:09:46	16.6765	16.68964	16.66445	763.5465	763.6	763.5	20.31579	20.4	20.3
10/12/2016 08:14:46	16.67585	16.68745	16.66227	763.6	763.6	763.6	20.33708	20.4	20.3
10/12/2016 08:19:46	16.67639	16.69497	16.66008	763.699	763.7	763.6	20.33368	20.4	20.3
10/12/2016 08:24:46	16.67639	16.69497	16.66008	763.699	763.7	763.6	20.33368	20.4	20.3
10/12/2016 08:29:46	16.67476	16.69101	16.66185	763.7	763.7	763.7	20.35283	20.4	20.3
10/12/2016 08:34:46	16.67557	16.68703	16.66185	763.7	763.7	763.7	20.37072	20.4	20.3
10/12/2016 08:39:46	16.67489	16.69278	16.6636	763.7585	763.8	763.7	20.43266	20.6	20.4
10/12/2016 08:44:46	16.67489	16.69278	16.6636	763.7585	763.8	763.7	20.43266	20.6	20.4
10/12/2016 08:49:46	16.67367	16.70028	16.65387	763.7	763.7	763.7	20.54381	20.6	20.4
10/12/2016 08:54:46	16.67367	16.70028	16.65387	763.7	763.7	763.7	20.54381	20.6	20.4
10/12/2016 08:59:46	16.67376	16.69454	16.65387	763.7	763.7	763.7	20.58987	20.7	20.5
10/12/2016 09:04:46	16.67632	16.6959	16.65697	763.899	763.9	763.8	20.74707	20.9	20.6
10/12/2016 09:09:46	16.67632	16.6959	16.65697	763.899	763.9	763.8	20.74707	20.9	20.6
10/12/2016 09:14:46	16.6734	16.68791	16.66269	763.9	763.9	763.9	20.93031	21	20.9
10/12/2016 09:19:46	16.6734	16.68791	16.66269	763.9	763.9	763.9	20.93031	21	20.9
10/12/2016 09:24:46	16.67303	16.69134	16.65466	763.9	763.9	763.9	21.06062	21.2	21
10/12/2016 09:29:46	16.67303	16.69134	16.65466	763.9	763.9	763.9	21.06062	21.2	21
10/12/2016 09:34:46	16.67591	16.69364	16.66222	763.9031	764	763.9	21.19093	21.3	21
10/12/2016 09:39:46	16.67497	16.6839	16.65466	763.9606	764	763.9	21.44811	21.6	21.3
10/12/2016 09:44:46	16.67448	16.68572	16.65248	763.9838	764	763.9	21.52702	21.6	21.3
10/12/2016 09:49:46	16.67448	16.68572	16.65248	763.9838	764	763.9	21.52702	21.6	21.3
10/12/2016 09:54:46	16.67527	16.69134	16.65248	763.9849	764.1	763.9	21.49668	21.6	21.3
10/12/2016 09:59:46	16.67527	16.69134	16.65248	763.9849	764.1	763.9	21.49668	21.6	21.3
10/12/2016 10:04:46	16.67666	16.69098	16.65786	764.1829	764.3	764.1	21.5731	21.6	21.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 10:09:46	16.67487	16.6905	16.66124	764.2737	764.3	764.2	21.58316	21.6	21.3
10/12/2016 10:14:46	16.67487	16.6905	16.66124	764.2737	764.3	764.2	21.58316	21.6	21.3
10/12/2016 10:19:46	16.67464	16.68462	16.65367	764.1	764.1	764.1	21.6437	21.7	21.6
10/12/2016 10:24:46	16.67464	16.68462	16.65367	764.1	764.1	764.1	21.6437	21.7	21.6
10/12/2016 10:29:46	16.67376	16.70025	16.66124	764.2202	764.3	764.2	21.72688	21.9	21.7
10/12/2016 10:34:46	16.67376	16.70025	16.66124	764.2202	764.3	764.2	21.72688	21.9	21.7
10/12/2016 10:39:46	16.67509	16.70025	16.66309	764.2526	764.3	764.1	21.78753	21.9	21.7
10/12/2016 10:44:46	16.67481	16.69234	16.65567	764.2899	764.4	764.2	21.77301	21.8	21.7
10/12/2016 10:49:46	16.6729	16.6905	16.65906	764.2352	764.4	764.1	21.7505	21.9	21.7
10/12/2016 10:54:46	16.67557	16.68462	16.65367	764.1	764.1	764.1	21.76399	21.9	21.7
10/12/2016 10:59:46	16.67505	16.69657	16.66342	764.0717	764.2	764	21.81016	21.9	21.7
10/12/2016 11:04:46	16.6778	16.68848	16.65752	764	764	764	21.88991	21.9	21.8
10/12/2016 11:09:46	16.67452	16.68848	16.65917	764.1031	764.2	764	22.03485	22.2	21.9
10/12/2016 11:14:46	16.67421	16.68866	16.66124	764.1555	764.2	764.1	22.18989	22.3	22.1
10/12/2016 11:19:46	16.67741	16.69201	16.65699	764.0646	764.1	764	22.20679	22.3	21.9
10/12/2016 11:24:46	16.67551	16.69014	16.65292	764.0687	764.1	764	22.30674	22.4	22.3
10/12/2016 11:29:46	16.67551	16.69014	16.65292	764.0687	764.1	764	22.30674	22.4	22.3
10/12/2016 11:34:46	16.67518	16.6863	16.6651	764.1	764.1	764.1	22.33372	22.4	22.3
10/12/2016 11:39:46	16.67556	16.68848	16.66157	764.0262	764.1	764	22.40569	22.5	22.3
10/12/2016 11:44:46	16.67556	16.68848	16.66157	764.0262	764.1	764	22.40569	22.5	22.3
10/12/2016 11:49:46	16.67331	16.68638	16.65132	763.8758	763.9	763.8	22.45726	22.5	22.4
10/12/2016 11:54:46	16.67331	16.68638	16.65132	763.8758	763.9	763.8	22.45726	22.5	22.4
10/12/2016 11:59:46	16.67597	16.69397	16.65729	763.898	763.9	763.8	22.70879	22.9	22.5
10/12/2016 12:04:46	16.67333	16.68661	16.65729	763.89	763.9	763.8	22.84382	22.9	22.8
10/12/2016 12:09:46	16.67504	16.6942	16.66136	763.9202	764	763.9	22.7865	22.9	22.7
10/12/2016 12:14:46	16.67504	16.6942	16.66136	763.9202	764	763.9	22.7865	22.9	22.7
10/12/2016 12:19:46	16.67632	16.69561	16.66136	763.897	763.9	763.8	22.78326	22.9	22.7
10/12/2016 12:24:46	16.6752	16.69025	16.6551	763.8	763.8	763.8	22.97753	23.1	22.9
10/12/2016 12:29:46	16.6752	16.69025	16.6551	763.8	763.8	763.8	22.97753	23.1	22.9
10/12/2016 12:34:46	16.67566	16.68962	16.65453	763.8	763.8	763.8	23.39327	23.5	23.3
10/12/2016 12:39:46	16.67566	16.68962	16.65453	763.8	763.8	763.8	23.39327	23.5	23.3
10/12/2016 12:44:46	16.67604	16.69771	16.661	763.6373	763.7	763.6	23.47982	23.6	23.4
10/12/2016 12:49:46	16.67604	16.69771	16.661	763.6373	763.7	763.6	23.47982	23.6	23.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 12:54:46	16.67624	16.69656	16.66281	763.6	763.6	763.6	23.61452	23.7	23.5
10/12/2016 12:59:46	16.67337	16.68819	16.65295	763.6152	763.7	763.6	24.13137	24.3	24
10/12/2016 13:04:46	16.67428	16.69437	16.64364	763.696	763.7	763.6	24.4695	24.7	24.2
10/12/2016 13:09:46	16.67428	16.69437	16.64364	763.696	763.7	763.6	24.4695	24.7	24.2
10/12/2016 13:14:46	16.67406	16.70053	16.6551	763.8	763.8	763.8	24.9437	25.2	24.9
10/12/2016 13:19:46	16.67406	16.70053	16.6551	763.8	763.8	763.8	24.9437	25.2	24.9
10/12/2016 13:24:46	16.67761	16.69967	16.66184	763.6918	763.7	763.5	24.70908	24.8	24.5
10/12/2016 13:29:46	16.67761	16.69967	16.66184	763.6918	763.7	763.5	24.70908	24.8	24.5
10/12/2016 13:34:46	16.67235	16.69203	16.64583	763.599	763.7	763.5	24.70437	24.8	24.6
10/12/2016 13:39:46	16.67574	16.69457	16.65715	763.5728	763.7	763.5	24.69663	24.8	24.6
10/12/2016 13:44:46	16.67359	16.69355	16.65268	763.5798	763.6	763.5	24.68983	24.8	24.6
10/12/2016 13:49:46	16.67598	16.69006	16.65836	763.5555	763.6	763.5	24.55955	24.6	24.5
10/12/2016 13:54:46	16.6749	16.69267	16.65071	763.4758	763.5	763.4	24.44285	24.6	24.3
10/12/2016 13:59:46	16.6749	16.69267	16.65071	763.4758	763.5	763.4	24.44285	24.6	24.3
10/12/2016 14:04:46	16.67475	16.69895	16.6509	763.3021	763.4	763.3	24.26634	24.3	24.2
10/12/2016 14:09:46	16.67475	16.69895	16.6509	763.3021	763.4	763.3	24.26634	24.3	24.2
10/12/2016 14:14:46	16.67762	16.699	16.65816	763.308	763.4	763.2	24.39889	24.5	24.3
10/12/2016 14:19:46	16.67762	16.699	16.65816	763.308	763.4	763.2	24.39889	24.5	24.3
10/12/2016 14:24:46	16.67276	16.69128	16.65456	763.2244	763.3	763.2	24.44826	24.6	24.3
10/12/2016 14:29:46	16.67416	16.69328	16.65456	763.2606	763.3	763.2	24.65052	24.8	24.5
10/12/2016 14:34:46	16.67427	16.6986	16.65656	763.2726	763.3	763.2	24.68652	24.8	24.6
10/12/2016 14:39:46	16.67496	16.69397	16.64689	763.1868	763.3	763.1	24.6259	24.7	24.5
10/12/2016 14:44:46	16.67512	16.69397	16.65456	763.1637	763.2	763.1	24.66067	24.8	24.5
10/12/2016 14:49:46	16.67497	16.69397	16.65456	763.2	763.2	763.2	24.7034	24.8	24.6
10/12/2016 14:54:46	16.67532	16.69494	16.64415	763.1344	763.2	763.1	24.72027	24.8	24.6
10/12/2016 14:59:46	16.67416	16.69128	16.64323	763.2	763.2	763.2	24.78652	24.8	24.7
10/12/2016 15:04:46	16.67616	16.69663	16.65456	763.1686	763.2	763.1	24.69216	24.8	24.6
10/12/2016 15:09:45	16.67606	16.68898	16.65227	763.1	763.1	763.1	24.34059	24.6	24.1
10/12/2016 15:14:46	0.6734	16.68631	0	763.1	763.1	763.1	24.08245	24.2	24
10/12/2016 15:19:46	0	0	0	763.0162	763.1	763	24.06392	24.2	24
10/12/2016 15:24:46	0	0	0	763.0162	763.1	763	24.06392	24.2	24
10/12/2016 15:29:46	0	0	0	763	763	763	23.96407	24.1	23.9
10/12/2016 15:34:46	0	0	0	763	763	763	23.96407	24.1	23.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 15:39:45	0	0	0	763	763	763	24.0529	24.2	24
10/12/2016 15:44:46	0	0	0	763.0051	763.1	763	24.25625	24.3	24.2
10/12/2016 15:49:46	0	0	0	763.0051	763.1	763	24.25625	24.3	24.2
10/12/2016 15:54:46	0	0	0	762.999	763	762.9	24.40108	24.6	24.3
10/12/2016 15:59:45	0	0	0	763	763	763	24.45609	24.7	24.3
10/12/2016 16:04:45	0	0	0	762.9858	763	762.9	24.30338	24.5	24.2
10/12/2016 16:09:45	0	0	0	762.8738	763	762.8	24.26284	24.3	24.1
10/12/2016 16:14:45	0	0	0	762.9263	763	762.9	24.14702	24.2	24
10/12/2016 16:19:46	0	0	0	762.8202	762.9	762.8	24.04718	24.2	24
10/12/2016 16:24:46	0	0	0	762.8202	762.9	762.8	24.04718	24.2	24
10/12/2016 16:29:46	0	0	0	762.8556	762.9	762.8	24.11354	24.2	24
10/12/2016 16:34:46	0	0	0	762.8535	762.9	762.8	23.99461	24.2	23.9
10/12/2016 16:39:46	0	0	0	762.7363	762.8	762.7	23.98991	24	23.9
10/12/2016 16:44:46	0	0	0	762.7811	762.9	762.7	24.06214	24.2	24
10/12/2016 16:49:46	0	0	0	762.7811	762.9	762.7	24.06214	24.2	24
10/12/2016 16:54:46	16.67694	16.69657	16.65983	762.694	762.7	762.6	24.05061	24.2	24
10/12/2016 16:59:46	16.67694	16.69657	16.65983	762.694	762.7	762.6	24.05061	24.2	24
10/12/2016 17:04:46	16.674	16.68831	16.65417	762.4365	762.7	762.2	24.2269	24.3	24.1
10/12/2016 17:09:46	16.674	16.68831	16.65417	762.4365	762.7	762.2	24.2269	24.3	24.1
10/12/2016 17:14:45	16.67649	16.68831	16.65672	762.319	762.6	762.2	24.25386	24.3	24.2
10/12/2016 17:19:46	16.67526	16.69159	16.66183	762.5273	762.7	762.2	24.27409	24.3	24.2
10/12/2016 17:24:45	16.67526	16.69159	16.66183	762.6696	762.8	762.5	24.20574	24.3	24.1
10/12/2016 17:29:46	16.67526	16.6896	16.64899	762.6123	762.8	762.5	24.21345	24.3	24.2
10/12/2016 17:34:46	16.67526	16.6896	16.64899	762.6123	762.8	762.5	24.21345	24.3	24.2
10/12/2016 17:39:46	16.6747	16.69507	16.65422	762.8	762.8	762.8	23.73482	23.9	23.5
10/12/2016 17:44:46	16.6747	16.69507	16.65422	762.8	762.8	762.8	23.73482	23.9	23.5
10/12/2016 17:49:45	16.67763	16.69532	16.66168	762.6928	762.8	762.6	23.32473	23.5	23.1
10/12/2016 17:54:46	16.67412	16.69273	16.65291	762.5931	762.8	762.5	23.26168	23.3	23.1
10/12/2016 17:59:45	16.67363	16.68811	16.6587	762.8242	762.9	762.8	23.10454	23.3	23
10/12/2016 18:04:46	16.67383	16.68706	16.66177	762.8	762.8	762.8	22.55742	22.8	22.3
10/12/2016 18:09:46	16.67456	16.69333	16.66177	762.7786	762.8	762.6	22.26624	22.4	22.1
10/12/2016 18:14:46	16.67456	16.69333	16.66177	762.7786	762.8	762.6	22.26624	22.4	22.1
10/12/2016 18:19:45	16.67379	16.68981	16.65825	762.6172	762.8	762.5	22.07548	22.2	21.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 18:24:46	16.67633	16.68761	16.6664	762.7	762.7	762.7	21.93496	22.1	21.8
10/12/2016 18:29:45	16.6743	16.69001	16.65497	762.7303	762.8	762.7	21.86971	22.2	21.7
10/12/2016 18:34:46	16.67608	16.69591	16.66089	762.7485	762.9	762.7	21.61242	21.7	21.3
10/12/2016 18:39:45	16.67608	16.69591	16.66089	762.7485	762.9	762.7	21.61242	21.7	21.3
10/12/2016 18:44:46	16.67777	16.68834	16.66089	762.707	762.8	762.7	21.48533	21.6	21.3
10/12/2016 18:49:45	16.67284	16.68834	16.65163	762.7011	762.8	762.7	21.30338	21.6	21.2
10/12/2016 18:54:46	16.67438	16.69469	16.66542	762.7	762.7	762.7	21.20565	21.3	21
10/12/2016 18:59:46	16.67389	16.69516	16.66372	762.698	762.7	762.6	20.95279	21	20.9
10/12/2016 19:04:45	16.67389	16.69516	16.66372	762.698	762.7	762.6	20.95279	21	20.9
10/12/2016 19:09:46	16.67731	16.69516	16.64871	762.6384	762.7	762.6	20.63933	20.9	20.6
10/12/2016 19:14:45	16.67731	16.69516	16.64871	762.6384	762.7	762.6	20.63933	20.9	20.6
10/12/2016 19:19:45	16.67603	16.68948	16.66027	762.698	762.7	762.6	20.53256	20.6	20.4
10/12/2016 19:24:46	16.67599	16.69346	16.65852	762.7	762.7	762.7	20.32691	20.4	20.1
10/12/2016 19:29:46	16.6772	16.69346	16.66426	762.7	762.7	762.7	20.32691	20.4	20.1
10/12/2016 19:34:46	16.6772	16.69346	16.66426	762.7	762.7	762.7	20.20888	20.3	20
10/12/2016 19:39:46	16.67682	16.68771	16.65278	762.7	762.7	762.7	19.94946	20	19.9
10/12/2016 19:44:46	16.67682	16.68771	16.65278	762.7	762.7	762.7	19.94946	20	19.9
10/12/2016 19:49:46	16.67543	16.69525	16.66032	762.796	762.8	762.7	19.79213	19.9	19.7
10/12/2016 19:54:46	16.67543	16.69525	16.66032	762.796	762.8	762.7	19.79213	19.9	19.7
10/12/2016 19:59:46	16.67529	16.68552	16.67004	762.8	762.8	762.8	19.7067	19.8	19.5
10/12/2016 20:04:45	16.67544	16.68552	16.65633	762.8	762.8	762.8	19.58547	19.7	19.5
10/12/2016 20:09:46	16.67607	16.68552	16.66606	762.8	762.8	762.8	19.52691	19.7	19.5
10/12/2016 20:14:45	16.67451	16.68552	16.66388	762.8405	762.9	762.8	19.47302	19.5	19.3
10/12/2016 20:19:46	16.67399	16.69305	16.65813	762.9031	763	762.9	19.41008	19.5	19.3
10/12/2016 20:24:46	16.67527	16.69045	16.66169	763.0556	763.2	762.9	19.3494	19.5	19.2
10/12/2016 20:29:46	16.6747	16.68825	16.65513	763.2242	763.3	763.2	19.27647	19.3	19.2
10/12/2016 20:34:46	16.6747	16.68825	16.65513	763.2242	763.3	763.2	19.27647	19.3	19.2
10/12/2016 20:39:45	16.67616	16.69798	16.66306	763.1475	763.2	763.1	19.26637	19.3	19.2
10/12/2016 20:44:46	16.67624	16.68825	16.66704	763.2	763.2	763.2	19.20674	19.3	19.2
10/12/2016 20:49:45	16.67624	16.68825	16.66704	763.2	763.2	763.2	19.20674	19.3	19.2
10/12/2016 20:54:46	16.67243	16.69264	16.66171	763.1	763.1	763.1	19.19327	19.2	19.1
10/12/2016 20:59:46	16.67243	16.69264	16.66171	763.1	763.1	763.1	19.19327	19.2	19.1
10/12/2016 21:04:46	16.6723	16.70236	16.66171	763.1	763.1	763.1	19.08319	19.2	18.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 21:09:46	16.67357	16.69085	16.65596	763.1	763.1	763.1	19.07639	19.2	18.9
10/12/2016 21:14:45	16.67357	16.69085	16.65596	763.1	763.1	763.1	19.07639	19.2	18.9
10/12/2016 21:19:46	16.67558	16.68509	16.65596	763.0534	763.1	763	18.92484	19.1	18.9
10/12/2016 21:24:46	16.67558	16.68509	16.65596	763.0534	763.1	763	18.92484	19.1	18.9
10/12/2016 21:29:46	16.67718	16.68728	16.6621	763	763	763	18.92356	19.1	18.8
10/12/2016 21:34:46	16.67433	16.69085	16.66171	763.0929	763.1	763	18.87071	18.9	18.8
10/12/2016 21:39:45	16.67433	16.69085	16.66171	763.0929	763.1	763	18.87071	18.9	18.8
10/12/2016 21:44:46	16.67374	16.70236	16.65596	763.1162	763.2	763.1	18.83362	18.9	18.7
10/12/2016 21:49:45	16.67374	16.70236	16.65596	763.1162	763.2	763.1	18.83362	18.9	18.7
10/12/2016 21:54:45	16.67198	16.69264	16.66171	763.1	763.1	763.1	18.79326	18.9	18.7
10/12/2016 21:59:46	16.67337	16.69264	16.66171	763.0637	763.1	763	18.76302	18.9	18.7
10/12/2016 22:04:45	16.67568	16.69798	16.65733	763.2274	763.3	763.1	18.74284	18.8	18.7
10/12/2016 22:09:45	16.67699	16.69798	16.65733	763.2515	763.3	763.2	18.72254	18.8	18.7
10/12/2016 22:14:46	16.67566	16.68866	16.66348	763.2	763.2	763.2	18.72254	18.8	18.7
10/12/2016 22:19:45	16.67566	16.68866	16.66348	763.2	763.2	763.2	18.72254	18.8	18.7
10/12/2016 22:24:45	16.67365	16.68685	16.66348	763.2	763.2	763.2	18.71682	18.8	18.7
10/12/2016 22:29:45	16.67359	16.68509	16.66168	763.1545	763.2	763.1	18.70337	18.8	18.7
10/12/2016 22:34:46	16.67243	16.69079	16.65593	763.2	763.2	763.2	18.68654	18.8	18.6
10/12/2016 22:39:45	16.67243	16.69079	16.65593	763.2	763.2	763.2	18.68654	18.8	18.6
10/12/2016 22:44:45	16.67397	16.69079	16.65593	763.2	763.2	763.2	18.6697	18.7	18.6
10/12/2016 22:49:45	16.67462	16.68503	16.66168	763.2	763.2	763.2	18.64941	18.7	18.6
10/12/2016 22:54:45	16.67629	16.68722	16.66563	763.1545	763.2	763.1	18.61009	18.7	18.6
10/12/2016 22:59:46	16.67593	16.68722	16.66168	763.1636	763.2	763.1	18.59328	18.6	18.5
10/12/2016 23:04:45	16.67593	16.68722	16.66168	763.1636	763.2	763.1	18.59328	18.6	18.5
10/12/2016 23:09:45	16.67486	16.68722	16.65593	763.197	763.2	763.1	18.54603	18.6	18.3
10/12/2016 23:14:46	16.67543	16.70443	16.64836	763.198	763.2	763.1	18.55385	18.6	18.3
10/12/2016 23:19:45	16.67502	16.70443	16.65411	763.2	763.2	763.2	18.53368	18.6	18.3
10/12/2016 23:24:46	16.67514	16.69472	16.65805	763.2	763.2	763.2	18.41097	18.6	18.3
10/12/2016 23:29:45	16.67514	16.69472	16.65805	763.2	763.2	763.2	18.41097	18.6	18.3
10/12/2016 23:34:46	16.67693	16.68931	16.65054	763.1	763.1	763.1	18.32351	18.6	18.3
10/12/2016 23:39:45	16.67693	16.68931	16.65054	763.1	763.1	763.1	18.32351	18.6	18.3
10/12/2016 23:44:45	16.67467	16.69298	16.65812	763.1	763.1	763.1	18.31344	18.5	18.2
10/12/2016 23:49:46	16.67328	16.69079	16.65593	763.1596	763.2	763.1	18.27646	18.3	18.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 23:54:45	16.67328	16.69079	16.65593	763.1596	763.2	763.1	18.27646	18.3	18.2
10/12/2016 23:59:45	16.67668	16.70662	16.66023	763.1242	763.2	763.1	18.26973	18.3	18.2
10/13/2016 00:04:46	16.67608	16.69472	16.65805	763.2	763.2	763.2	18.25294	18.3	18.2
10/13/2016 00:09:46	16.67512	16.68711	16.66197	763.199	763.2	763.1	18.23265	18.3	18.2
10/13/2016 00:14:46	16.6742	16.68931	16.65805	763.105	763.2	763.1	18.21344	18.3	18.2
10/13/2016 00:19:45	16.6742	16.68931	16.65805	763.105	763.2	763.1	18.21344	18.3	18.2
10/13/2016 00:24:46	16.67399	16.68931	16.65621	763.1445	763.2	763.1	18.21008	18.3	18.2
10/13/2016 00:29:45	16.67399	16.68931	16.65621	763.1445	763.2	763.1	18.21008	18.3	18.2
10/13/2016 00:34:45	16.67238	16.69103	16.65621	763.2	763.2	763.2	18.19664	18.2	18.1
10/13/2016 00:39:45	16.6732	16.69103	16.65621	763.2	763.2	763.2	18.15626	18.2	18
10/13/2016 00:44:45	16.67234	16.69103	16.65621	763.2	763.2	763.2	18.14956	18.2	18
10/13/2016 00:49:45	16.67218	16.69103	16.65621	763.2	763.2	763.2	18.11231	18.2	18
10/13/2016 00:54:45	16.6715	16.68134	16.66197	763.2	763.2	763.2	18.05379	18.2	18
10/13/2016 00:59:46	16.6743	16.68711	16.66197	763.2	763.2	763.2	18.02024	18.2	18
10/13/2016 01:04:45	16.6743	16.68711	16.66197	763.2	763.2	763.2	18.02024	18.2	18
10/13/2016 01:09:45	16.6771	16.69681	16.66197	763.2	763.2	763.2	18.01243	18.1	17.9
10/13/2016 01:14:46	16.6783	16.68931	16.66416	763.1191	763.2	763.1	18.00238	18.1	17.9
10/13/2016 01:19:46	16.67811	16.69692	16.66023	763.1	763.1	763.1	18	18.1	17.9
10/13/2016 01:24:45	16.67811	16.69692	16.66023	763.1	763.1	763.1	18	18.1	17.9
10/13/2016 01:29:46	16.67712	16.69288	16.66773	763.2	763.2	763.2	17.98317	18	17.9
10/13/2016 01:34:45	16.67637	16.68711	16.65411	763.2	763.2	763.2	17.99326	18.1	17.9
10/13/2016 01:39:45	16.67637	16.68711	16.65411	763.2	763.2	763.2	17.99326	18.1	17.9
10/13/2016 01:44:45	16.67526	16.69472	16.66381	763.2	763.2	763.2	17.99327	18	17.9
10/13/2016 01:49:45	16.6744	16.68503	16.65411	763.2	763.2	763.2	17.97982	18	17.9
10/13/2016 01:54:45	16.67546	16.68503	16.65411	763.2	763.2	763.2	18.00335	18.1	18
10/13/2016 01:59:46	16.6745	16.69472	16.66381	763.2	763.2	763.2	18.02252	18.1	18
10/13/2016 02:04:45	16.6747	16.69472	16.65805	763.2272	763.3	763.2	18.02352	18.2	18
10/13/2016 02:09:45	16.6747	16.69472	16.65805	763.2272	763.3	763.2	18.02352	18.2	18
10/13/2016 02:14:45	16.67501	16.68711	16.66197	763.2	763.2	763.2	18.037	18.1	18
10/13/2016 02:19:46	16.67263	16.68711	16.66197	763.2	763.2	763.2	18.02486	18.2	18
10/13/2016 02:24:45	16.67263	16.68711	16.66197	763.2	763.2	763.2	18.02486	18.2	18
10/13/2016 02:29:46	16.67317	16.68711	16.65621	763.2031	763.3	763.2	18.03029	18.2	18
10/13/2016 02:34:45	16.67317	16.68711	16.65621	763.2031	763.3	763.2	18.03029	18.2	18

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 02:39:45	16.67646	16.68916	16.66012	763.2	763.2	763.2	18.00335	18.1	18
10/13/2016 02:44:46	16.67832	16.68916	16.65826	763.2131	763.3	763.2	17.98219	18.1	17.9
10/13/2016 02:49:45	16.67832	16.68916	16.65826	763.2131	763.3	763.2	17.98219	18.1	17.9
10/13/2016 02:54:45	16.67766	16.68916	16.65826	763.2	763.2	763.2	17.96288	18	17.9
10/13/2016 02:59:46	16.675	16.70104	16.65078	763.1385	763.2	763.1	17.93598	18	17.9
10/13/2016 03:04:45	16.675	16.70104	16.65078	763.1385	763.2	763.1	17.93598	18	17.9
10/13/2016 03:09:45	16.67547	16.69884	16.66045	763.1464	763.2	763.1	17.91009	18	17.9
10/13/2016 03:14:46	16.67342	16.69135	16.66045	763.1	763.1	763.1	17.88634	17.9	17.7
10/13/2016 03:19:45	16.67342	16.69135	16.66045	763.1	763.1	763.1	17.88634	17.9	17.7
10/13/2016 03:24:45	16.67545	16.68745	16.66416	763.1	763.1	763.1	17.88653	17.9	17.7
10/13/2016 03:29:45	16.67545	16.68745	16.66416	763.1	763.1	763.1	17.88653	17.9	17.7
10/13/2016 03:34:45	16.67799	16.68931	16.66416	763.1	763.1	763.1	17.8933	17.9	17.7
10/13/2016 03:39:45	16.67872	16.70662	16.6563	763.1	763.1	763.1	17.93711	18	17.9
10/13/2016 03:44:45	16.67612	16.69911	16.65849	763.0212	763.1	763	18.01011	18.2	17.9
10/13/2016 03:49:45	16.67826	16.69692	16.6563	763.093	763.1	763	18.08771	18.2	18
10/13/2016 03:54:46	16.6732	16.68503	16.66168	763.1869	763.2	763.1	18.30334	18.5	18.2
10/13/2016 03:59:45	16.6732	16.68503	16.66168	763.1869	763.2	763.1	18.30334	18.5	18.2
10/13/2016 04:04:45	16.67288	16.68722	16.65593	763.1898	763.2	763.1	18.55252	18.6	18.3
10/13/2016 04:09:45	16.67571	16.69298	16.65417	763.1	763.1	763.1	18.64052	18.8	18.5
10/13/2016 04:14:45	16.67504	16.68904	16.66387	763.1	763.1	763.1	18.86396	19.1	18.7
10/13/2016 04:19:45	16.67504	16.68904	16.66387	763.1	763.1	763.1	18.86396	19.1	18.7
10/13/2016 04:24:45	16.67631	16.69875	16.66387	763.1	763.1	763.1	18.96755	19.2	18.9
10/13/2016 04:29:45	16.67464	16.68904	16.65417	763.0555	763.1	763	19.11362	19.2	18.9
10/13/2016 04:34:45	16.67104	16.69517	16.64879	763	763	763	19.22017	19.3	19.2
10/13/2016 04:39:46	16.6745	16.6916	16.6603	762.9504	763	762.9	19.41672	19.5	19.3
10/13/2016 04:44:45	16.6745	16.6916	16.6603	762.9504	763	762.9	19.41672	19.5	19.3
10/13/2016 04:49:45	16.67449	16.6916	16.65273	762.9758	763	762.9	19.46838	19.5	19.3
10/13/2016 04:54:45	16.67301	16.69911	16.65849	762.999	763	762.9	19.48991	19.7	19.4
10/13/2016 04:59:45	16.67331	16.69911	16.65849	762.999	763	762.9	19.53364	19.7	19.5
10/13/2016 05:04:45	16.6768	16.69911	16.65273	763	763	763	19.56078	19.7	19.5
10/13/2016 05:09:45	16.67916	16.69911	16.66818	763	763	763	19.59881	19.7	19.5
10/13/2016 05:14:45	16.67721	16.68547	16.6603	763.0516	763.1	763	19.56746	19.7	19.5
10/13/2016 05:19:45	16.67407	16.68328	16.65812	763.1	763.1	763.1	19.63251	19.7	19.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 05:24:45	16.67627	16.68904	16.66387	763.1	763.1	763.1	19.68318	19.8	19.5
10/13/2016 05:29:45	16.67627	16.68904	16.66387	763.1	763.1	763.1	19.68318	19.8	19.5
10/13/2016 05:34:45	16.67396	16.67933	16.66782	763.1	763.1	763.1	19.70671	19.8	19.5
10/13/2016 05:39:45	16.67396	16.67933	16.66782	763.1	763.1	763.1	19.70671	19.8	19.5
10/13/2016 05:44:45	16.67493	16.68509	16.66387	763.1	763.1	763.1	19.72687	19.9	19.7
10/13/2016 05:49:45	16.67684	16.68509	16.66387	763.1	763.1	763.1	19.73039	19.9	19.7
10/13/2016 05:54:45	16.67416	16.67933	16.66782	763.1	763.1	763.1	19.75626	19.9	19.7
10/13/2016 05:59:46	16.67503	16.68509	16.66171	763.1284	763.2	763.1	19.79327	19.9	19.7
10/13/2016 06:04:45	16.67503	16.68509	16.66171	763.1284	763.2	763.1	19.79327	19.9	19.7
10/13/2016 06:09:46	16.67445	16.68904	16.66168	763.1818	763.2	763.1	19.7842	19.9	19.7
10/13/2016 06:14:45	16.67445	16.68904	16.66168	763.1818	763.2	763.1	19.7842	19.9	19.7
10/13/2016 06:19:46	16.67542	16.68904	16.66387	763.1	763.1	763.1	19.81095	19.9	19.7
10/13/2016 06:24:45	16.67542	16.68904	16.66387	763.1	763.1	763.1	19.81095	19.9	19.7
10/13/2016 06:29:45	16.67455	16.68904	16.66387	763.1	763.1	763.1	19.79082	19.9	19.7
10/13/2016 06:34:45	16.67269	16.68685	16.66168	763.2	763.2	763.2	19.75716	19.8	19.7
10/13/2016 06:39:45	16.67269	16.68685	16.66168	763.2	763.2	763.2	19.75716	19.8	19.7
10/13/2016 06:44:45	16.67242	16.69079	16.66168	763.2	763.2	763.2	19.72014	19.8	19.5
10/13/2016 06:49:46	16.67411	16.68503	16.66168	763.2	763.2	763.2	19.67982	19.7	19.5
10/13/2016 06:54:45	16.67411	16.68503	16.66168	763.2	763.2	763.2	19.67982	19.7	19.5
10/13/2016 06:59:46	16.67478	16.70443	16.65805	763.2101	763.3	763.2	19.61456	19.7	19.5
10/13/2016 07:04:45	16.67531	16.70443	16.65805	763.2	763.2	763.2	19.60581	19.7	19.5
10/13/2016 07:09:45	16.67531	16.70443	16.65805	763.2	763.2	763.2	19.60581	19.7	19.5
10/13/2016 07:14:45	16.67489	16.70223	16.65805	763.2252	763.3	763.2	19.53161	19.7	19.5
10/13/2016 07:19:46	16.67535	16.69472	16.64836	763.2272	763.3	763.2	19.43597	19.5	19.3
10/13/2016 07:24:45	16.67535	16.69472	16.64836	763.2272	763.3	763.2	19.43597	19.5	19.3
10/13/2016 07:29:45	16.67479	16.69472	16.64836	763.204	763.3	763.2	19.36291	19.5	19.3
10/13/2016 07:34:45	16.6746	16.69254	16.66344	763.2758	763.3	763.2	19.29664	19.3	19.2
10/13/2016 07:39:45	16.6746	16.69254	16.66344	763.2758	763.3	763.2	19.29664	19.3	19.2
10/13/2016 07:44:45	16.67742	16.6886	16.66344	763.3	763.3	763.3	19.29327	19.4	19.2
10/13/2016 07:49:45	16.67716	16.69042	16.6595	763.3	763.3	763.3	19.28992	19.3	19.2
10/13/2016 07:54:46	16.67746	16.70374	16.66087	763.3	763.3	763.3	19.34725	19.5	19.3
10/13/2016 07:59:45	16.67746	16.70374	16.66087	763.3	763.3	763.3	19.34725	19.5	19.3
10/13/2016 08:04:45	16.67585	16.69484	16.65242	763.4	763.4	763.4	19.60791	19.8	19.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 08:09:45	16.67585	16.69484	16.65242	763.4	763.4	763.4	19.60791	19.8	19.5
10/13/2016 08:14:45	16.67387	16.69253	16.65584	763.4	763.4	763.4	19.86405	20	19.7
10/13/2016 08:19:45	16.67399	16.6913	16.66195	763.5	763.5	763.5	20.43826	20.7	20.3
10/13/2016 08:24:45	16.67399	16.6913	16.66195	763.5	763.5	763.5	20.43826	20.7	20.3
10/13/2016 08:29:45	16.67574	16.69676	16.65539	763.4585	763.5	763.4	20.78545	21	20.6
10/13/2016 08:34:45	16.67723	16.69676	16.65597	763.4	763.4	763.4	21.15175	21.3	21
10/13/2016 08:39:45	16.67379	16.69209	16.66108	763.4748	763.5	763.4	21.49892	21.7	21.3
10/13/2016 08:44:46	16.67318	16.68559	16.65625	763.5	763.5	763.5	22.14256	22.3	21.9
10/13/2016 08:49:45	16.67318	16.68559	16.65625	763.5	763.5	763.5	22.14256	22.3	21.9
10/13/2016 08:54:45	16.67466	16.68746	16.65407	763.6617	763.7	763.5	22.31358	22.4	22.3
10/13/2016 08:59:45	16.67487	16.69505	16.65431	763.6878	763.7	763.6	22.25181	22.4	22.2
10/13/2016 09:04:45	16.67523	16.69318	16.66407	763.6728	763.7	763.6	22.19652	22.3	22.1
10/13/2016 09:09:46	16.67446	16.68827	16.65903	763.7	763.7	763.7	21.88635	22.1	21.7
10/13/2016 09:14:45	16.67446	16.68827	16.65903	763.7	763.7	763.7	21.88635	22.1	21.7
10/13/2016 09:19:45	16.67435	16.68827	16.66305	763.7	763.7	763.7	21.67868	21.8	21.6
10/13/2016 09:24:45	16.673	16.69046	16.66122	763.6111	763.7	763.6	21.34169	21.6	21.3
10/13/2016 09:29:45	16.673	16.69046	16.66122	763.6111	763.7	763.6	21.34169	21.6	21.3
10/13/2016 09:34:45	16.67617	16.69791	16.66122	763.6819	763.7	763.6	21.53951	21.6	21.3
10/13/2016 09:39:45	16.67617	16.69791	16.66122	763.6819	763.7	763.6	21.53951	21.6	21.3
10/13/2016 09:44:45	16.67457	16.69099	16.66166	763.7	763.7	763.7	21.62367	21.7	21.6
10/13/2016 09:49:46	16.67545	16.69019	16.66081	763.699	763.7	763.6	21.69664	21.8	21.6
10/13/2016 09:54:45	16.67545	16.69019	16.66081	763.699	763.7	763.6	21.69664	21.8	21.6
10/13/2016 09:59:45	16.67312	16.6861	16.66081	763.7	763.7	763.7	21.81125	21.9	21.7
10/13/2016 10:04:45	16.67555	16.68518	16.65829	763.6938	763.7	763.6	22.00085	22.2	21.8
10/13/2016 10:09:45	16.67401	16.69463	16.661	763.6	763.6	763.6	22.25715	22.4	21.9
10/13/2016 10:14:45	16.67455	16.68787	16.65117	763.6	763.6	763.6	22.62926	22.9	22.4
10/13/2016 10:19:45	16.6766	16.69507	16.65567	763.6	763.6	763.6	22.95491	23.3	22.8
10/13/2016 10:24:45	16.67726	16.69238	16.66281	763.6	763.6	763.6	23.39089	23.6	23
10/13/2016 10:29:45	16.67351	16.68689	16.66148	763.6	763.6	763.6	23.82598	24.1	23.6
10/13/2016 10:34:45	16.67205	16.69386	16.64583	763.6183	763.7	763.5	24.24845	24.6	24
10/13/2016 10:39:45	16.6762	16.68893	16.65792	763.6304	763.7	763.6	24.59429	24.7	24.5
10/13/2016 10:44:45	16.67655	16.69499	16.65418	763.6909	763.7	763.6	24.50215	24.7	24.3
10/13/2016 10:49:45	16.67478	16.69499	16.65418	763.6787	763.7	763.6	24.17632	24.3	24

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 10:54:45	16.67478	16.69499	16.65418	763.6787	763.7	763.6	24.17632	24.3	24
10/13/2016 10:59:45	16.67404	16.6883	16.65574	763.7	763.7	763.7	24.04254	24.2	23.9
10/13/2016 11:04:45	16.67404	16.6883	16.65574	763.7	763.7	763.7	24.04254	24.2	23.9
10/13/2016 11:09:45	16.67757	16.69771	16.65567	763.6151	763.7	763.6	24.04061	24.2	23.9
10/13/2016 11:14:45	16.67757	16.69771	16.65567	763.6151	763.7	763.6	24.04061	24.2	23.9
10/13/2016 11:19:45	16.6733	16.69586	16.65349	763.6899	763.7	763.6	24.20016	24.3	24.1
10/13/2016 11:24:45	16.67609	16.69552	16.65314	763.7	763.7	763.7	24.51578	24.7	24.3
10/13/2016 11:29:45	16.67528	16.69552	16.65567	763.6928	763.7	763.6	24.39551	24.6	24.3
10/13/2016 11:34:45	16.67528	16.69552	16.65567	763.6928	763.7	763.6	24.39551	24.6	24.3
10/13/2016 11:39:45	16.67713	16.69656	16.65567	763.6141	763.7	763.5	24.34735	24.5	24.3
10/13/2016 11:44:45	16.67713	16.69656	16.65567	763.6141	763.7	763.5	24.34735	24.5	24.3
10/13/2016 11:49:45	16.67457	16.70318	16.65567	763.5898	763.7	763.5	24.50347	24.6	24.3
10/13/2016 11:54:45	16.6748	16.69386	16.65018	763.5859	763.7	763.5	24.70447	24.8	24.6
10/13/2016 11:59:45	16.67557	16.70318	16.65658	763.5029	763.6	763.4	25.02477	25.2	24.9
10/13/2016 12:04:45	16.67557	16.70318	16.65658	763.5029	763.6	763.4	25.02477	25.2	24.9
10/13/2016 12:09:45	16.67406	16.69489	16.65174	763.4019	763.5	763.3	25.28319	25.4	25.2
10/13/2016 12:14:45	16.67487	16.70196	16.65455	763.3274	763.4	763.3	25.37075	25.5	25.3
10/13/2016 12:19:45	16.67487	16.70196	16.65455	763.3274	763.4	763.3	25.37075	25.5	25.3
10/13/2016 12:24:45	16.67469	16.69977	16.64468	763.4	763.4	763.4	25.49091	25.7	25.4
10/13/2016 12:29:45	16.67499	16.70196	16.66018	763.3545	763.4	763.3	25.59439	25.7	25.5
10/13/2016 12:34:45	16.67359	16.69771	16.64969	763.3454	763.4	763.2	25.70348	25.8	25.5
10/13/2016 12:39:45	16.67649	16.69489	16.65188	763.2393	763.3	763.1	25.52488	25.7	25.5
10/13/2016 12:44:45	16.67649	16.69489	16.65188	763.2393	763.3	763.1	25.52488	25.7	25.5
10/13/2016 12:49:45	16.67529	16.69425	16.65684	763.118	763.2	763	25.71006	25.8	25.5
10/13/2016 12:54:45	16.67529	16.69425	16.65684	763.118	763.2	763	25.71006	25.8	25.5
10/13/2016 12:59:45	16.67324	16.69066	16.65546	763.0939	763.2	763	25.91006	26	25.8
10/13/2016 13:04:45	16.67324	16.69066	16.65546	763.0939	763.2	763	25.91006	26	25.8
10/13/2016 13:09:45	16.67683	16.70003	16.65057	762.8686	763	762.8	25.8832	25.9	25.8
10/13/2016 13:14:45	16.67683	16.70003	16.65057	762.8686	763	762.8	25.8832	25.9	25.8
10/13/2016 13:19:45	16.67444	16.70234	16.64424	762.6291	762.9	762.5	25.92369	26	25.8
10/13/2016 13:24:45	16.67444	16.69889	16.65369	762.5413	762.7	762.4	25.99663	26.1	25.9
10/13/2016 13:29:45	16.67405	16.69473	16.64461	762.4274	762.6	762.3	26.0811	26.3	26
10/13/2016 13:34:45	16.67471	16.69969	16.66087	762.4827	762.6	762.4	26.00017	26.3	25.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 13:39:45	16.67364	16.69136	16.65523	762.3303	762.4	762.3	25.87299	26	25.7
10/13/2016 13:44:45	16.67686	16.69856	16.66167	762.1677	762.3	762.1	25.72586	25.8	25.5
10/13/2016 13:49:45	16.67488	16.69187	16.65167	762.1716	762.2	762.1	25.74382	25.9	25.7
10/13/2016 13:54:45	16.67349	16.69145	16.6516	762.2	762.2	762.2	25.9583	26	25.8
10/13/2016 13:59:45	16.67349	16.69145	16.6516	762.2	762.2	762.2	25.9583	26	25.8
10/13/2016 14:04:45	16.67871	16.68975	16.66855	762.1	762.1	762.1	26.45494	26.5	26.3
10/13/2016 14:09:45	16.67438	16.69837	16.66073	762.1514	762.2	762.1	26.59766	26.7	26.5
10/13/2016 14:14:45	16.67776	16.6997	16.66211	762.0494	762.1	762	26.60673	26.7	26.5
10/13/2016 14:19:45	16.67776	16.6997	16.66211	762.0494	762.1	762	26.60673	26.7	26.5
10/13/2016 14:24:45	16.67544	16.68893	16.66033	762.0284	762.1	762	26.64046	26.7	26.5
10/13/2016 14:29:45	16.67325	16.70266	16.65596	762.1111	762.2	762.1	26.76016	26.9	26.5
10/13/2016 14:34:45	16.67491	16.69492	16.65167	762.0666	762.1	762	26.49652	26.7	26.3
10/13/2016 14:39:45	16.675	16.69712	16.65471	761.9667	762	761.8	26.27644	26.4	26.1
10/13/2016 14:44:45	16.675	16.69712	16.65471	761.9667	762	761.8	26.27644	26.4	26.1
10/13/2016 14:49:45	16.67575	16.69282	16.65956	761.7816	762	761.7	26.23279	26.3	26
10/13/2016 14:54:45	16.67343	16.68937	16.65824	761.8585	761.9	761.7	26.24278	26.4	26
10/13/2016 14:59:45	16.67507	16.69278	16.6538	761.8101	761.9	761.8	26.3968	26.5	26.3
10/13/2016 15:04:45	16.67217	16.69059	16.64383	761.8799	761.9	761.8	26.56736	26.7	26.5
10/13/2016 15:09:45	16.67217	16.69059	16.64383	761.8799	761.9	761.8	26.56736	26.7	26.5
10/13/2016 15:14:45	16.67428	16.69804	16.64911	761.9768	762.1	761.9	27.08435	27.2	27
10/13/2016 15:19:45	16.67428	16.69804	16.64911	761.9768	762.1	761.9	27.08435	27.2	27
10/13/2016 15:24:45	16.67549	16.68893	16.65992	762.0071	762.1	762	27.10555	27.2	27
10/13/2016 15:29:45	16.67206	16.68657	16.65189	762.0082	762.1	762	26.65268	26.9	26.5
10/13/2016 15:34:45	16.67206	16.68657	16.65189	762.0082	762.1	762	26.65268	26.9	26.5
10/13/2016 15:39:45	16.67501	16.68804	16.65269	762.0141	762.1	761.9	25.96319	26.3	25.8
10/13/2016 15:44:45	16.67501	16.68804	16.65269	762.0141	762.1	761.9	25.96319	26.3	25.8
10/13/2016 15:49:45	16.67496	16.68942	16.65553	761.9949	762	761.9	25.64381	25.9	25.4
10/13/2016 15:54:45	16.67616	16.68882	16.65694	761.9504	762	761.9	25.29885	25.5	25.2
10/13/2016 15:59:45	16.67651	16.68882	16.6556	761.8242	761.9	761.8	25.12921	25.2	24.9
10/13/2016 16:04:45	16.6768	16.69657	16.6621	761.7706	761.8	761.7	24.8743	25.1	24.8
10/13/2016 16:09:45	16.67316	16.68897	16.65502	761.7112	761.8	761.7	24.87748	24.9	24.8
10/13/2016 16:14:45	16.67646	16.70168	16.65283	761.6577	761.8	761.6	24.90337	25.1	24.8
10/13/2016 16:19:45	16.67352	16.69541	16.64232	761.6404	761.7	761.6	25.13709	25.3	24.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 16:24:45	16.67352	16.69541	16.64232	761.6404	761.7	761.6	25.13709	25.3	24.9
10/13/2016 16:29:45	16.67497	16.69601	16.66068	761.6415	761.7	761.6	24.90335	25.1	24.8
10/13/2016 16:34:45	16.67497	16.69601	16.66068	761.6415	761.7	761.6	24.90335	25.1	24.8
10/13/2016 16:39:45	16.67395	16.70168	16.66068	761.6859	761.7	761.6	24.89649	25.1	24.8
10/13/2016 16:44:45	16.6765	16.69617	16.65719	761.5809	761.7	761.5	24.78991	24.8	24.7
10/13/2016 16:49:45	16.67532	16.69189	16.65719	761.5535	761.6	761.5	24.80335	24.9	24.7
10/13/2016 16:54:45	0	0	0	761.5253	761.6	761.5	24.94706	25.1	24.9
10/13/2016 16:59:45	0	0	0	761.5253	761.6	761.5	24.94706	25.1	24.9
10/13/2016 17:04:45	0	0	0	761.5656	761.6	761.5	24.87631	25.1	24.8
10/13/2016 17:09:45	0	0	0	761.502	761.6	761.5	24.6009	24.8	24.3
10/13/2016 17:14:45	0	0	0	761.419	761.5	761.3	24.00457	24.2	23.9
10/13/2016 17:19:45	0	0	0	761.419	761.5	761.3	24.00457	24.2	23.9
10/13/2016 17:24:45	0	0	0	761.3798	761.4	761.3	23.88623	24	23.7
10/13/2016 17:29:45	0	0	0	761.3212	761.4	761.2	23.57852	23.7	23.4
10/13/2016 17:34:45	0	0	0	761.2726	761.3	761.1	23.41329	23.5	23.3
10/13/2016 17:39:45	0	0	0	761.2283	761.3	761.2	23.04726	23.3	22.9
10/13/2016 17:44:45	0	0	0	761.1171	761.2	761	22.56522	22.7	22.4
10/13/2016 17:49:45	0	0	0	761.0919	761.1	761	22.46287	22.5	22.3
10/13/2016 17:54:45	0	0	0	761.0919	761.1	761	22.46287	22.5	22.3
10/13/2016 17:59:45	0	0	0	761.0908	761.1	761	22.38977	22.5	22.3
10/13/2016 18:04:45	0	0	0	761	761	761	22.03145	22.2	21.9
10/13/2016 18:09:45	0	0	0	761	761	761	22.03145	22.2	21.9
10/13/2016 18:14:45	0	0	0	761.0645	761.1	761	21.90336	22.1	21.8
10/13/2016 18:19:45	0	0	0	761	761	761	21.73363	21.8	21.7
10/13/2016 18:24:45	0	0	0	760.9465	761	760.9	21.64941	21.7	21.6
10/13/2016 18:29:45	0	0	0	761	761	761	21.57631	21.6	21.3
10/13/2016 18:34:45	0	0	0	761	761	761	21.40555	21.6	21.3
10/13/2016 18:39:45	0	0	0	761	761	761	21.40555	21.6	21.3
10/13/2016 18:44:45	0	0	0	761	761	761	21.27632	21.3	21.2
10/13/2016 18:49:45	0	0	0	761	761	761	21.18638	21.3	21
10/13/2016 18:54:45	0	0	0	761	761	761	21.03932	21.2	20.9
10/13/2016 18:59:45	0	0	0	761.0324	761.1	761	20.96624	21	20.9
10/13/2016 19:04:45	0	0	0	761.1143	761.2	761.1	20.68641	20.9	20.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 19:09:45	0	0	0	761.2	761.2	761.2	20.6	20.7	20.5
10/13/2016 19:14:45	0	0	0	761.2	761.2	761.2	20.6	20.7	20.5
10/13/2016 19:19:45	0	0	0	761.2	761.2	761.2	20.52572	20.6	20.4
10/13/2016 19:24:45	0	0	0	761.199	761.2	761.1	20.41344	20.5	20.3
10/13/2016 19:29:45	8.29457	16.89198	0	761.2	761.2	761.2	20.33548	20.4	20.3
10/13/2016 19:34:45	16.67885	16.69661	16.65753	761.2	761.2	761.2	20.12474	20.3	20
10/13/2016 19:39:45	16.67453	16.69661	16.60869	761.2	761.2	761.2	19.87633	19.9	19.8
10/13/2016 19:44:45	16.67453	16.69661	16.60869	761.2	761.2	761.2	19.87633	19.9	19.8
10/13/2016 19:49:45	16.67552	16.69661	16.65011	761.2	761.2	761.2	19.74962	19.9	19.7
10/13/2016 19:54:45	16.67664	16.69441	16.65767	761.2697	761.3	761.2	19.70571	19.8	19.5
10/13/2016 19:59:45	16.67454	16.69624	16.65548	761.3445	761.4	761.3	19.59883	19.7	19.5
10/13/2016 20:04:45	16.67536	16.70198	16.64573	761.4	761.4	761.4	19.54369	19.7	19.4
10/13/2016 20:09:45	16.67707	16.69451	16.6595	761.4041	761.5	761.4	19.48084	19.5	19.4
10/13/2016 20:14:45	16.6746	16.68657	16.65731	761.4849	761.5	761.4	19.4832	19.7	19.3
10/13/2016 20:19:45	16.6746	16.68657	16.65731	761.4849	761.5	761.4	19.4832	19.7	19.3
10/13/2016 20:24:45	16.674	16.69231	16.66706	761.499	761.5	761.4	19.4529	19.5	19.3
10/13/2016 20:29:45	16.67406	16.69231	16.65731	761.5	761.5	761.5	19.4089	19.5	19.3
10/13/2016 20:34:45	16.67484	16.68657	16.65731	761.5	761.5	761.5	19.37764	19.5	19.3
10/13/2016 20:39:45	16.67648	16.68657	16.65731	761.5	761.5	761.5	19.34367	19.4	19.3
10/13/2016 20:44:45	16.67648	16.68657	16.65731	761.5	761.5	761.5	19.34367	19.4	19.3
10/13/2016 20:49:45	16.67547	16.68657	16.66487	761.5292	761.6	761.5	19.30335	19.4	19.2
10/13/2016 20:54:45	16.67624	16.67681	16.67107	761.5	761.5	761.5	19.28974	19.3	19.2
10/13/2016 20:59:45	16.67624	16.67681	16.67107	761.5	761.5	761.5	19.28974	19.3	19.2
10/13/2016 21:04:45	16.67513	16.68837	16.66313	761.5838	761.6	761.5	19.26388	19.3	19.2
10/13/2016 21:09:45	16.67629	16.68837	16.66888	761.6	761.6	761.6	19.23932	19.3	19.2
10/13/2016 21:14:45	16.67646	16.69412	16.66313	761.6	761.6	761.6	19.22018	19.3	19.1
10/13/2016 21:19:45	16.67483	16.69412	16.66094	761.6294	761.7	761.6	19.21679	19.3	19.2
10/13/2016 21:24:45	16.67326	16.69192	16.66094	761.6879	761.7	761.6	19.20672	19.3	19.1
10/13/2016 21:29:45	16.67326	16.69192	16.66094	761.6879	761.7	761.6	19.20672	19.3	19.1
10/13/2016 21:34:45	16.67199	16.68618	16.66094	761.7032	761.8	761.7	19.2	19.3	19.1
10/13/2016 21:39:45	16.67199	16.68618	16.66094	761.7032	761.8	761.7	19.2	19.3	19.1
10/13/2016 21:44:45	16.67699	16.68798	16.66849	761.796	761.8	761.7	19.18655	19.3	18.9
10/13/2016 21:49:45	16.67833	16.69373	16.66849	761.8	761.8	761.8	19.15971	19.3	18.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 21:54:45	16.67754	16.68798	16.66275	761.8	761.8	761.8	19.12274	19.2	18.9
10/13/2016 21:59:45	16.67549	16.68578	16.66056	761.9	761.9	761.9	19.14248	19.2	18.9
10/13/2016 22:04:45	16.67549	16.68578	16.66056	761.9	761.9	761.9	19.14248	19.2	18.9
10/13/2016 22:09:45	16.67462	16.68578	16.66056	761.9	761.9	761.9	19.09893	19.2	18.9
10/13/2016 22:14:45	16.67372	16.68757	16.66056	761.9435	762	761.9	19.06305	19.2	18.9
10/13/2016 22:19:45	16.67764	16.68757	16.6681	762	762	762	19.01899	19.2	18.9
10/13/2016 22:24:45	16.67755	16.69731	16.65661	762	762	762	18.96421	19.2	18.8
10/13/2016 22:29:45	16.67691	16.68757	16.65661	762.001	762.1	762	18.92489	19.2	18.8
10/13/2016 22:34:45	16.67636	16.69731	16.66059	761.999	762	761.9	18.92693	19.1	18.9
10/13/2016 22:39:45	16.67305	16.68977	16.66059	761.994	762	761.9	18.91006	19.1	18.8
10/13/2016 22:44:45	16.67379	16.69731	16.66059	762	762	762	18.86956	18.9	18.8
10/13/2016 22:49:45	16.67656	16.68757	16.66059	762	762	762	18.83379	18.9	18.7
10/13/2016 22:54:45	16.67355	16.68799	16.66059	761.9738	762	761.9	18.79902	18.9	18.7
10/13/2016 22:59:45	16.67355	16.68799	16.66059	761.9738	762	761.9	18.79902	18.9	18.7
10/13/2016 23:04:45	16.67568	16.69731	16.66059	762	762	762	18.74956	18.8	18.7
10/13/2016 23:09:45	16.67603	16.6995	16.66278	761.9827	762	761.9	18.73931	18.9	18.7
10/13/2016 23:14:45	16.67432	16.68977	16.66278	761.9	761.9	761.9	18.69663	18.8	18.6
10/13/2016 23:19:45	16.67432	16.68977	16.66278	761.9	761.9	761.9	18.69663	18.8	18.6
10/13/2016 23:24:45	16.6733	16.6862	16.66278	761.9	761.9	761.9	18.69311	18.7	18.6
10/13/2016 23:29:45	16.67309	16.69196	16.65703	761.9	761.9	761.9	18.67076	18.8	18.6
10/13/2016 23:34:45	16.67124	16.6862	16.661	761.9	761.9	761.9	18.65277	18.7	18.6
10/13/2016 23:39:45	16.67124	16.6862	16.661	761.9	761.9	761.9	18.65277	18.7	18.6
10/13/2016 23:44:45	16.67237	16.69016	16.65525	761.9	761.9	761.9	18.60673	18.7	18.6
10/13/2016 23:49:45	16.67344	16.69016	16.65126	761.9476	762	761.9	18.60654	18.7	18.5
10/13/2016 23:54:45	16.6725	16.68797	16.66097	762	762	762	18.59764	18.7	18.5
10/13/2016 23:59:45	16.67361	16.68797	16.66058	762.0413	762.1	762	18.56952	18.6	18.3
10/14/2016 00:04:45	16.67361	16.68797	16.66058	762.0413	762.1	762	18.56952	18.6	18.3
10/14/2016 00:09:45	16.67379	16.69192	16.65302	762.0393	762.1	762	18.50972	18.6	18.3
10/14/2016 00:14:45	16.67379	16.69192	16.65302	762.0393	762.1	762	18.50972	18.6	18.3
10/14/2016 00:19:45	16.67429	16.68432	16.66097	762.0092	762.1	762	18.43145	18.6	18.3
10/14/2016 00:24:45	16.67314	16.6879	16.65696	762.1	762.1	762.1	18.42234	18.6	18.3
10/14/2016 00:29:45	16.67351	16.68606	16.65696	762.0656	762.1	762	18.34034	18.5	18.3
10/14/2016 00:34:45	16.67351	16.68606	16.65696	762.0656	762.1	762	18.34034	18.5	18.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 00:39:45	16.67419	16.69403	16.65915	762.0514	762.1	762	18.32015	18.5	18.3
10/14/2016 00:44:45	16.67735	16.69403	16.66273	762.0091	762.1	762	18.30672	18.5	18.3
10/14/2016 00:49:45	16.67777	16.68825	16.66308	762.0071	762.1	762	18.29328	18.3	18.2
10/14/2016 00:54:45	16.67596	16.68606	16.66666	762.1	762.1	762.1	18.25966	18.3	18.2
10/14/2016 00:59:45	16.67596	16.68606	16.66666	762.1	762.1	762.1	18.25966	18.3	18.2
10/14/2016 01:04:45	16.67571	16.69183	16.65696	762.1	762.1	762.1	18.28653	18.3	18.2
10/14/2016 01:09:45	16.67471	16.68606	16.66273	762.1	762.1	762.1	18.27312	18.3	18.2
10/14/2016 01:14:45	16.67522	16.69183	16.66666	762.1	762.1	762.1	18.2899	18.3	18.2
10/14/2016 01:19:45	16.67418	16.69934	16.66447	762.2	762.2	762.2	18.31676	18.6	18.3
10/14/2016 01:24:45	16.67418	16.69934	16.66447	762.2	762.2	762.2	18.31676	18.6	18.3
10/14/2016 01:29:45	16.67414	16.69357	16.66447	762.2	762.2	762.2	18.35046	18.6	18.3
10/14/2016 01:34:45	16.67348	16.6856	16.66228	762.2618	762.4	762.2	18.3979	18.6	18.3
10/14/2016 01:39:45	16.67257	16.68664	16.66148	762.5748	762.6	762.5	18.49219	18.6	18.3
10/14/2016 01:44:45	16.67257	16.68664	16.66148	762.5748	762.6	762.5	18.49219	18.6	18.3
10/14/2016 01:49:45	16.67266	16.68847	16.65178	762.602	762.7	762.6	18.54389	18.6	18.3
10/14/2016 01:54:45	16.67674	16.68847	16.65754	762.6536	762.7	762.6	18.59664	18.6	18.5
10/14/2016 01:59:45	16.67475	16.69386	16.66114	762.6698	762.7	762.6	18.64722	18.7	18.6
10/14/2016 02:04:45	16.67414	16.68809	16.66291	762.697	762.7	762.6	18.70336	18.8	18.6
10/14/2016 02:09:45	16.67438	16.68809	16.66291	762.6929	762.7	762.6	18.79784	18.9	18.7
10/14/2016 02:14:45	16.67412	16.69423	16.65935	762.6363	762.7	762.6	18.89326	19.1	18.8
10/14/2016 02:19:45	16.6746	16.68633	16.66114	762.6304	762.7	762.6	19.05156	19.2	18.9
10/14/2016 02:24:45	16.6733	16.69598	16.65317	762.7535	762.8	762.7	19.21696	19.3	19.1
10/14/2016 02:29:45	16.6733	16.69598	16.65317	762.7535	762.8	762.7	19.21696	19.3	19.1
10/14/2016 02:34:45	16.67727	16.69598	16.65929	762.699	762.7	762.6	19.28991	19.4	19.2
10/14/2016 02:39:45	16.67739	16.69598	16.65929	762.6282	762.7	762.5	19.34706	19.5	19.3
10/14/2016 02:44:45	16.67632	16.68753	16.6562	762.2546	762.3	762.2	19.49428	19.7	19.3
10/14/2016 02:49:45	16.67632	16.68753	16.6562	762.2546	762.3	762.2	19.49428	19.7	19.3
10/14/2016 02:54:45	16.67637	16.68891	16.65977	762.3476	762.4	762.2	19.5235	19.7	19.4
10/14/2016 02:59:45	16.67458	16.68715	16.66196	762.3	762.3	762.3	19.61253	19.7	19.5
10/14/2016 03:04:45	16.67458	16.68715	16.66196	762.3	762.3	762.3	19.61253	19.7	19.5
10/14/2016 03:09:45	16.67718	16.69072	16.65977	762.4	762.4	762.4	19.73364	19.9	19.7
10/14/2016 03:14:45	16.67718	16.69072	16.65977	762.4	762.4	762.4	19.73364	19.9	19.7
10/14/2016 03:19:45	16.67606	16.6951	16.66196	762.2877	762.4	762.2	19.78084	19.9	19.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 03:24:45	16.67481	16.68934	16.65183	762.2282	762.5	762.2	19.80338	19.9	19.7
10/14/2016 03:29:45	16.67508	16.68934	16.65662	762.1544	762.4	762.1	19.86638	19.9	19.8
10/14/2016 03:34:45	16.67441	16.69153	16.64864	762.2576	762.4	762.1	19.87612	19.9	19.7
10/14/2016 03:39:45	16.67441	16.69153	16.64864	762.2576	762.4	762.1	19.87612	19.9	19.7
10/14/2016 03:44:45	16.67663	16.69322	16.66585	762.3121	762.4	762.3	19.79409	19.9	19.7
10/14/2016 03:49:45	16.67758	16.69944	16.66053	762.2291	762.3	762.1	19.67945	19.7	19.5
10/14/2016 03:54:45	16.67701	16.68753	16.66415	762.198	762.2	762.1	19.56085	19.7	19.5
10/14/2016 03:59:45	16.67701	16.68753	16.66415	762.198	762.2	762.1	19.56085	19.7	19.5
10/14/2016 04:04:45	16.67373	16.69329	16.66196	762.2212	762.3	762.2	19.58059	19.7	19.5
10/14/2016 04:09:45	16.67373	16.69329	16.66196	762.2212	762.3	762.2	19.58059	19.7	19.5
10/14/2016 04:14:45	16.67218	16.68358	16.65977	762.3042	762.4	762.2	19.69664	19.8	19.5
10/14/2016 04:19:45	16.67218	16.68358	16.65977	762.3042	762.4	762.2	19.69664	19.8	19.5
10/14/2016 04:24:45	16.67395	16.68675	16.66156	762.4051	762.5	762.4	19.78338	19.9	19.7
10/14/2016 04:29:45	16.67395	16.68675	16.66156	762.4051	762.5	762.4	19.78338	19.9	19.7
10/14/2016 04:34:45	16.67299	16.69648	16.66156	762.4	762.4	762.4	19.89765	20	19.8
10/14/2016 04:39:45	16.67299	16.69648	16.66156	762.4	762.4	762.4	19.89765	20	19.8
10/14/2016 04:44:45	16.67225	16.69072	16.65184	762.3787	762.4	762.3	19.90001	20	19.8
10/14/2016 04:49:45	16.67381	16.69291	16.65224	762.3413	762.4	762.3	19.91344	20	19.9
10/14/2016 04:54:45	16.67481	16.69423	16.66073	762.7349	762.8	762.5	19.90889	20	19.8
10/14/2016 04:59:45	16.6747	16.70175	16.66154	762.6207	762.8	762.4	19.8336	19.9	19.7
10/14/2016 05:04:45	16.6747	16.70175	16.66154	762.6207	762.8	762.4	19.8336	19.9	19.7
10/14/2016 05:09:45	16.67444	16.68671	16.65539	762.599	762.6	762.5	19.76618	19.9	19.7
10/14/2016 05:14:45	16.67444	16.68671	16.65539	762.599	762.6	762.5	19.76618	19.9	19.7
10/14/2016 05:19:45	16.67601	16.69248	16.66333	762.502	762.6	762.5	19.7437	19.8	19.7
10/14/2016 05:24:45	16.67601	16.69248	16.66333	762.502	762.6	762.5	19.7437	19.8	19.7
10/14/2016 05:29:45	16.67302	16.69467	16.65937	762.4153	762.5	762.4	19.80001	19.9	19.7
10/14/2016 05:34:45	16.67302	16.69467	16.65937	762.4153	762.5	762.4	19.80001	19.9	19.7
10/14/2016 05:39:45	16.67653	16.69607	16.6554	762.496	762.5	762.4	19.82034	19.9	19.7
10/14/2016 05:44:45	16.6758	16.69607	16.6554	762.5	762.5	762.5	19.8427	19.9	19.7
10/14/2016 05:49:45	16.67596	16.69826	16.65184	762.4404	762.5	762.4	19.87075	19.9	19.8
10/14/2016 05:54:45	16.67793	16.70046	16.65758	762.39	762.4	762.3	19.94371	20	19.9
10/14/2016 05:59:45	16.67793	16.70046	16.65758	762.39	762.4	762.3	19.94371	20	19.9
10/14/2016 06:04:45	16.67623	16.69826	16.65716	762.4797	762.5	762.4	20.02269	20.1	20

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 06:09:45	16.67623	16.69826	16.65716	762.4797	762.5	762.4	20.02269	20.1	20
10/14/2016 06:14:45	16.67365	16.69607	16.65102	762.6173	762.7	762.5	20.17432	20.3	20
10/14/2016 06:19:45	16.67365	16.69607	16.65102	762.6173	762.7	762.5	20.17432	20.3	20
10/14/2016 06:24:45	16.67355	16.70141	16.64883	762.7242	762.8	762.7	20.3	20.3	20.3
10/14/2016 06:29:45	16.67245	16.70141	16.65102	762.7486	762.8	762.7	20.32038	20.4	20.3
10/14/2016 06:34:45	16.67449	16.70894	16.65636	762.7776	762.9	762.7	20.3225	20.4	20.3
10/14/2016 06:39:45	16.67289	16.70141	16.65855	762.7351	762.8	762.6	20.37075	20.4	20.3
10/14/2016 06:44:45	16.67709	16.69922	16.65278	762.692	762.8	762.5	20.37644	20.4	20.3
10/14/2016 06:49:45	16.67709	16.69922	16.65278	762.692	762.8	762.5	20.37644	20.4	20.3
10/14/2016 06:54:45	16.67446	16.69922	16.6506	762.6215	762.8	762.5	20.35632	20.4	20.3
10/14/2016 06:59:45	16.67353	16.70141	16.65102	762.6869	762.8	762.6	20.32251	20.4	20.3
10/14/2016 07:04:45	16.67353	16.70141	16.65102	762.6869	762.8	762.6	20.32251	20.4	20.3
10/14/2016 07:09:45	16.67242	16.69168	16.65102	762.7	762.7	762.7	20.31681	20.4	20.3
10/14/2016 07:14:45	16.67244	16.69388	16.66074	762.6779	762.7	762.6	20.30336	20.4	20.3
10/14/2016 07:19:45	16.6732	16.69168	16.65278	762.696	762.7	762.6	20.31681	20.4	20.3
10/14/2016 07:24:45	16.67377	16.68771	16.66071	762.6262	762.7	762.6	20.32352	20.4	20.3
10/14/2016 07:29:45	16.67382	16.69607	16.65321	762.6155	762.8	762.5	20.35394	20.4	20.3
10/14/2016 07:34:45	16.67382	16.69607	16.65321	762.6155	762.8	762.5	20.35394	20.4	20.3
10/14/2016 07:39:45	16.67478	16.69922	16.6506	762.7375	762.8	762.6	20.36977	20.4	20.3
10/14/2016 07:44:45	16.67451	16.69922	16.65102	762.7494	762.8	762.7	20.35968	20.4	20.3
10/14/2016 07:49:45	16.6759	16.69922	16.65855	762.8708	762.9	762.8	20.31579	20.4	20.3
10/14/2016 07:54:45	16.6759	16.69922	16.65855	762.8708	762.9	762.8	20.31579	20.4	20.3
10/14/2016 07:59:45	16.67809	16.69922	16.65855	762.8222	762.9	762.8	20.26937	20.3	20
10/14/2016 08:04:45	16.67757	16.68949	16.65636	762.8677	762.9	762.8	20.29529	20.3	20.1
10/14/2016 08:09:45	16.67566	16.69305	16.66388	762.9	762.9	762.9	20.28655	20.3	20.1
10/14/2016 08:14:45	16.67566	16.69305	16.66388	762.9	762.9	762.9	20.28655	20.3	20.1
10/14/2016 08:19:45	16.67516	16.69703	16.65418	762.9526	763	762.9	20.29664	20.4	20.1
10/14/2016 08:24:45	16.67497	16.68511	16.65376	763.0212	763.1	763	20.33714	20.4	20.3
10/14/2016 08:29:45	16.67497	16.68511	16.65376	763.0212	763.1	763	20.33714	20.4	20.3
10/14/2016 08:34:45	16.67253	16.69045	16.64978	763.0637	763.1	763	20.40335	20.5	20.3
10/14/2016 08:39:45	16.67253	16.69045	16.64978	763.0637	763.1	763	20.40335	20.5	20.3
10/14/2016 08:44:45	16.67601	16.70415	16.64978	763.1161	763.2	763.1	20.57414	20.7	20.4
10/14/2016 08:49:45	16.67601	16.70415	16.64978	763.1161	763.2	763.1	20.57414	20.7	20.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 08:54:45	16.67536	16.68825	16.66306	763.193	763.2	763.1	20.60332	20.7	20.5
10/14/2016 08:59:45	16.67429	16.69223	16.65552	763.1526	763.2	763.1	20.59328	20.7	20.5
10/14/2016 09:04:45	16.67527	16.69798	16.65552	763.1748	763.3	763.1	20.62689	20.7	20.6
10/14/2016 09:09:45	16.67391	16.69045	16.65333	763.1252	763.2	763.1	20.65039	20.7	20.6
10/14/2016 09:14:45	16.67563	16.69349	16.65851	763.2032	763.3	763.2	20.85834	21	20.7
10/14/2016 09:19:45	16.67336	16.68728	16.6523	763.2919	763.3	763.2	20.85834	21	20.7
10/14/2016 09:24:45	16.67336	16.68728	16.6523	763.2919	763.3	763.2	20.917	21	20.9
10/14/2016 09:29:45	16.67416	16.69712	16.66043	763.4	763.4	763.4	21.09006	21.2	21
10/14/2016 09:34:45	16.67416	16.69712	16.66043	763.4	763.4	763.4	21.09006	21.2	21
10/14/2016 09:39:45	16.67613	16.69931	16.6507	763.3877	763.4	763.3	21.12568	21.2	21
10/14/2016 09:44:45	16.67665	16.70905	16.66043	763.3917	763.5	763.3	21.17078	21.2	21
10/14/2016 09:49:45	16.67808	16.68911	16.65986	763.4011	763.5	763.3	21.19665	21.3	21.1
10/14/2016 09:54:45	16.67808	16.68911	16.65986	763.4011	763.5	763.3	21.19665	21.3	21.1
10/14/2016 09:59:45	16.67576	16.70045	16.65349	763.3333	763.4	763.3	21.32483	21.5	21.3
10/14/2016 10:04:45	16.67576	16.70045	16.65349	763.3333	763.4	763.3	21.32483	21.5	21.3
10/14/2016 10:09:45	16.67422	16.69826	16.65567	763.3173	763.4	763.3	21.61468	21.7	21.5
10/14/2016 10:14:45	16.67438	16.69826	16.66325	763.3618	763.4	763.3	21.76744	21.9	21.7
10/14/2016 10:19:45	16.67651	16.69995	16.65109	763.3595	763.4	763.3	21.8876	22.1	21.8
10/14/2016 10:24:45	16.67651	16.69995	16.65109	763.3595	763.4	763.3	21.8876	22.1	21.8
10/14/2016 10:29:45	16.67261	16.69184	16.6592	763.3869	763.4	763.3	22.16271	22.2	21.9
10/14/2016 10:34:45	16.67261	16.69184	16.6592	763.3869	763.4	763.3	22.16271	22.2	21.9
10/14/2016 10:39:45	16.67323	16.69569	16.65109	763.3361	763.4	763.2	22.25733	22.3	22.2
10/14/2016 10:44:45	16.67323	16.69569	16.65109	763.3361	763.4	763.2	22.25733	22.3	22.2
10/14/2016 10:49:45	16.6741	16.68426	16.66305	763.3	763.3	763.3	22.3743	22.5	22.3
10/14/2016 10:54:45	16.6741	16.68426	16.66305	763.3	763.3	763.3	22.3743	22.5	22.3
10/14/2016 10:59:45	16.67299	16.68664	16.65733	763.3	763.3	763.3	22.40906	22.5	22.3
10/14/2016 11:04:45	16.67283	16.68664	16.66139	763.3	763.3	763.3	22.41006	22.5	22.3
10/14/2016 11:09:45	16.67344	16.69569	16.65328	763.2879	763.3	763.2	22.37077	22.5	22.3
10/14/2016 11:14:45	16.67344	16.69569	16.65328	763.2879	763.3	763.2	22.37077	22.5	22.3
10/14/2016 11:19:45	16.67172	16.69705	16.64837	763.2083	763.3	763.2	22.65509	22.8	22.5
10/14/2016 11:24:45	16.67172	16.69705	16.64837	763.2083	763.3	763.2	22.65509	22.8	22.5
10/14/2016 11:29:45	16.67723	16.69866	16.65816	763.1766	763.3	763.1	22.91466	23	22.8
10/14/2016 11:34:45	16.67299	16.69049	16.65227	763.1	763.1	763.1	23.51822	23.7	23.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 11:39:45	16.67299	16.69049	16.65227	763.1	763.1	763.1	23.51822	23.7	23.3
10/14/2016 11:44:45	16.6771	16.70648	16.65991	763.1787	763.2	763.1	24.16861	24.3	24
10/14/2016 11:49:45	16.6771	16.70648	16.65991	763.1787	763.2	763.1	24.16861	24.3	24
10/14/2016 11:54:45	16.67409	16.69095	16.65008	763.197	763.2	763.1	24.2832	24.3	24.2
10/14/2016 11:59:45	16.67582	16.68885	16.65685	763.1889	763.2	763.1	24.20313	24.3	24.1
10/14/2016 12:04:45	16.67582	16.68885	16.65685	763.1889	763.2	763.1	24.20313	24.3	24.1
10/14/2016 12:09:45	16.67644	16.69104	16.65784	763.1534	763.2	763.1	24.0794	24.2	23.9
10/14/2016 12:14:45	16.67508	16.69104	16.65022	763.1	763.1	763.1	23.78195	23.9	23.6
10/14/2016 12:19:45	16.67508	16.69104	16.65022	763.1	763.1	763.1	23.78195	23.9	23.6
10/14/2016 12:24:45	16.67501	16.6903	16.6573	762.9056	763	762.7	23.61343	23.7	23.5
10/14/2016 12:29:45	16.67501	16.6903	16.6573	762.9056	763	762.7	23.61343	23.7	23.5
10/14/2016 12:34:45	16.67293	16.68561	16.65459	762.8788	762.9	762.7	23.67389	23.9	23.6
10/14/2016 12:39:45	16.67362	16.69094	16.65897	762.7401	762.8	762.6	23.60336	23.7	23.5
10/14/2016 12:44:45	16.67696	16.69711	16.6619	762.4926	762.7	762.3	23.60336	23.7	23.5
10/14/2016 12:49:45	16.67696	16.69711	16.6619	762.4926	762.7	762.3	23.5834	23.7	23.5
10/14/2016 12:54:45	16.6766	16.69399	16.65177	762.299	762.4	762.2	23.63951	23.7	23.6
10/14/2016 12:59:45	16.67427	16.69346	16.65672	762.2	762.2	762.2	23.97119	24.2	23.9
10/14/2016 13:04:45	16.67427	16.69346	16.65672	762.2	762.2	762.2	23.97119	24.2	23.9
10/14/2016 13:09:45	16.67631	16.69468	16.65944	762.2404	762.3	762.1	24.22034	24.5	24
10/14/2016 13:14:45	16.67624	16.69986	16.65492	762.1835	762.2	762	24.2832	24.3	24.2
10/14/2016 13:19:45	16.67348	16.69489	16.64461	762.0605	762.1	762	24.28991	24.3	24.2
10/14/2016 13:24:45	16.67427	16.6907	16.65744	762.0504	762.1	762	24.36085	24.5	24.3
10/14/2016 13:29:45	16.6757	16.69785	16.65665	761.9698	762	761.9	24.45973	24.6	24.3
10/14/2016 13:34:45	16.6757	16.69785	16.65665	761.9698	762	761.9	24.45973	24.6	24.3
10/14/2016 13:39:45	16.6766	16.70005	16.65002	761.8645	761.9	761.8	24.53718	24.7	24.3
10/14/2016 13:44:45	16.67644	16.69162	16.65849	761.8008	761.9	761.7	24.79428	24.9	24.7
10/14/2016 13:49:45	16.67644	16.69162	16.65849	761.8008	761.9	761.7	24.79428	24.9	24.7
10/14/2016 13:54:45	16.67311	16.69321	16.65645	761.701	761.8	761.7	24.86742	24.9	24.8
10/14/2016 13:59:45	16.67506	16.69257	16.66284	761.61	761.7	761.6	25.24055	25.3	25.1
10/14/2016 14:04:45	16.67506	16.69257	16.66284	761.61	761.7	761.6	25.24055	25.3	25.1
10/14/2016 14:09:45	16.67706	16.70307	16.66065	761.61	761.7	761.6	25.3609	25.5	25.3
10/14/2016 14:14:45	16.67473	16.69189	16.65512	761.5532	761.6	761.4	25.68879	25.8	25.5
10/14/2016 14:19:45	16.67581	16.70379	16.65707	761.4131	761.5	761.4	25.80672	25.9	25.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 14:24:45	16.67581	16.70379	16.65707	761.4131	761.5	761.4	25.80672	25.9	25.7
10/14/2016 14:29:45	16.67578	16.69517	16.65926	761.3869	761.4	761.3	26.07452	26.3	26
10/14/2016 14:34:45	16.67694	16.70035	16.65707	761.3778	761.5	761.3	26.37436	26.5	26.3
10/14/2016 14:39:45	16.67694	16.70035	16.65707	761.3778	761.5	761.3	26.37436	26.5	26.3
10/14/2016 14:44:45	16.67641	16.69517	16.6579	761.3375	761.4	761.3	26.70481	26.9	26.5
10/14/2016 14:49:45	16.67641	16.69517	16.6579	761.3375	761.4	761.3	26.70481	26.9	26.5
10/14/2016 14:54:45	16.67603	16.69689	16.65915	761.3796	761.4	761.3	26.89349	27	26.7
10/14/2016 14:59:45	16.67649	16.69158	16.65478	761.3607	761.4	761.3	27.25062	27.3	27.2
10/14/2016 15:04:45	16.67649	16.69158	16.65478	761.3607	761.4	761.3	27.25062	27.3	27.2
10/14/2016 15:09:45	16.67299	16.69281	16.64574	761.4265	761.5	761.4	27.77074	27.9	27.6
10/14/2016 15:14:45	16.67299	16.69281	16.64574	761.4265	761.5	761.4	27.77074	27.9	27.6
10/14/2016 15:19:45	16.67732	16.70935	16.65187	761.5	761.5	761.5	27.80965	27.9	27.6
10/14/2016 15:24:45	16.67419	16.69991	16.64882	761.5446	761.6	761.5	27.35152	27.6	27.2
10/14/2016 15:29:45	16.67419	16.69991	16.64882	761.5446	761.6	761.5	27.35152	27.6	27.2
10/14/2016 15:34:45	16.67662	16.6897	16.65293	761.5939	761.6	761.5	26.97053	27.2	26.7
10/14/2016 15:39:45	16.6747	16.6976	16.65581	761.5333	761.6	761.5	26.46734	26.7	26.3
10/14/2016 15:44:45	16.67777	16.6976	16.658	761.5	761.5	761.5	25.98333	26.3	25.8
10/14/2016 15:49:45	16.67684	16.68911	16.66364	761.5	761.5	761.5	25.66391	25.9	25.5
10/14/2016 15:54:45	16.67644	16.70122	16.64809	761.4565	761.5	761.4	25.28995	25.4	25.2
10/14/2016 15:59:45	16.67644	16.70122	16.64809	761.4565	761.5	761.4	25.28995	25.4	25.2
10/14/2016 16:04:45	16.67415	16.70122	16.65593	761.4071	761.5	761.4	25.30335	25.4	25.2
10/14/2016 16:09:45	16.6756	16.69131	16.64118	761.3436	761.4	761.3	25.31344	25.4	25.3
10/14/2016 16:14:45	16.67765	16.70621	16.65593	761.3575	761.4	761.3	25.31678	25.4	25.3
10/14/2016 16:19:45	16.67669	16.70621	16.65658	761.3	761.3	761.3	25.37769	25.5	25.3
10/14/2016 16:24:45	16.67787	16.69628	16.66515	761.3101	761.4	761.3	25.51386	25.7	25.3
10/14/2016 16:29:45	16.67582	16.69974	16.65731	761.3718	761.4	761.3	25.75612	25.9	25.7
10/14/2016 16:34:45	16.67582	16.69974	16.65731	761.3718	761.4	761.3	25.75612	25.9	25.7
10/14/2016 16:39:45	16.67297	16.68565	16.66019	761.401	761.5	761.4	25.66606	25.8	25.5
10/14/2016 16:44:45	16.67334	16.69131	16.65878	761.402	761.5	761.4	25.43571	25.5	25.3
10/14/2016 16:49:45	16.67243	16.69126	16.65449	761.401	761.5	761.4	25.17861	25.3	24.9
10/14/2016 16:54:45	16.67624	16.69693	16.65737	761.3889	761.4	761.3	24.80336	24.9	24.7
10/14/2016 16:59:45	16.67624	16.69693	16.65737	761.3889	761.4	761.3	24.80336	24.9	24.7
10/14/2016 17:04:45	16.67588	16.69913	16.65449	761.3768	761.4	761.3	24.75589	24.8	24.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 17:09:45	16.67737	16.6967	16.65304	761.3869	761.4	761.3	24.23262	24.3	24.1
10/14/2016 17:14:45	16.67737	16.6967	16.65304	761.3869	761.4	761.3	24.23262	24.3	24.1
10/14/2016 17:19:45	16.67384	16.70308	16.65843	761.3859	761.4	761.3	23.9019	24	23.7
10/14/2016 17:24:45	16.67384	16.70308	16.65843	761.3859	761.4	761.3	23.9019	24	23.7
10/14/2016 17:29:45	16.6708	16.68646	16.65702	761.301	761.4	761.3	23.36461	23.6	23
10/14/2016 17:34:45	16.6708	16.68646	16.65702	761.301	761.4	761.3	23.36461	23.6	23
10/14/2016 17:39:45	16.67486	16.69114	16.65953	761.2272	761.3	761.2	22.54798	22.9	22.3
10/14/2016 17:44:45	16.67486	16.69114	16.65953	761.2272	761.3	761.2	22.54798	22.9	22.3
10/14/2016 17:49:45	16.67577	16.68924	16.66391	761.1	761.1	761.1	22.09328	22.2	21.9
10/14/2016 17:54:45	16.67577	16.68924	16.66391	761.1	761.1	761.1	22.09328	22.2	21.9
10/14/2016 17:59:45	16.67283	16.69169	16.6601	761.103	761.2	761.1	22.02224	22.2	21.9
10/14/2016 18:04:45	16.67176	16.69169	16.65658	761.1091	761.2	761.1	21.95379	22.2	21.8
10/14/2016 18:09:45	16.67249	16.69224	16.65495	761.0899	761.2	761	21.77865	21.9	21.6
10/14/2016 18:14:45	16.67403	16.69224	16.65516	761.0466	761.2	761	21.65273	21.7	21.6
10/14/2016 18:19:45	16.67658	16.69816	16.66494	761.0706	761.2	761	21.45156	21.7	21.3
10/14/2016 18:24:45	16.67431	16.70052	16.65349	761.0496	761.2	761	21.24289	21.3	21.2
10/14/2016 18:29:45	16.67598	16.69698	16.65569	761.0383	761.2	761	21.0979	21.3	21
10/14/2016 18:34:45	16.6736	16.69074	16.65163	761.0798	761.1	761	21.00571	21.1	20.9
10/14/2016 18:39:45	16.67438	16.69648	16.64996	761.098	761.1	761	20.91241	21	20.7
10/14/2016 18:44:45	16.67354	16.70052	16.65163	761.0818	761.1	761	20.83948	20.9	20.7
10/14/2016 18:49:45	16.67472	16.69478	16.66326	761.1052	761.2	761.1	20.60001	20.7	20.5
10/14/2016 18:54:45	16.67472	16.69478	16.66326	761.1052	761.2	761.1	20.60001	20.7	20.5
10/14/2016 18:59:45	16.67333	16.68855	16.65349	761.2	761.2	761.2	20.43178	20.6	20.4
10/14/2016 19:04:45	16.67333	16.68855	16.65349	761.2	761.2	761.2	20.43178	20.6	20.4
10/14/2016 19:09:45	16.67348	16.69258	16.66326	761.2	761.2	761.2	20.3822	20.5	20.3
10/14/2016 19:14:45	16.67319	16.69258	16.66326	761.202	761.3	761.2	20.33259	20.4	20.3
10/14/2016 19:19:45	16.67702	16.69428	16.65922	761.207	761.3	761.2	20.19522	20.3	20
10/14/2016 19:24:45	6.81035	16.68855	0	761.2055	761.3	761.2	20.09073	20.3	20
10/14/2016 19:29:45	0	0	0	761.2778	761.3	761.2	20.0477	20.3	20
10/14/2016 19:34:45	0	0	0	761.2778	761.3	761.2	20.0477	20.3	20
10/14/2016 19:39:45	0	0	0	761.3	761.3	761.3	20.00335	20.1	20
10/14/2016 19:44:45	0	0	0	761.3	761.3	761.3	20.00335	20.1	20
10/14/2016 19:49:45	0	0	0	761.3	761.3	761.3	19.93359	20	19.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 19:54:45	0	0	0	761.3	761.3	761.3	19.93359	20	19.9
10/14/2016 19:59:45	0	0	0	761.3335	761.4	761.3	19.87984	20	19.8
10/14/2016 20:04:45	0	0	0	761.3335	761.4	761.3	19.87984	20	19.8
10/14/2016 20:09:45	0	0	0	761.4	761.4	761.4	19.77211	19.9	19.7
10/14/2016 20:14:45	0	0	0	761.4	761.4	761.4	19.77211	19.9	19.7
10/14/2016 20:19:45	0	0	0	761.4	761.4	761.4	19.6563	19.8	19.5
10/14/2016 20:24:45	0	0	0	761.4	761.4	761.4	19.6563	19.8	19.5

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
25.09191	25.2	24.9	0	0	0	1.03855	1.29999	0.9	0.01663	0	0.01694	2.2E+08
21.14495	27.7	20.7	23.81678	80.7411	0	1.27758	1.5	0.99999	0.01755	0	0.01694	2.2E+08
19.41307	21	19.19999	3.9831	15.76585	0	1.67226	2	0.3	0.01755	0	0.01694	2.2E+08
19.38259	19.89999	18.69999	0	0	0	2.0382	2.8	1.3	0.01755	0	0.01694	2.2E+08
19.38259	19.89999	18.69999	0	0	0	2.0382	2.8	1.3	0.01755	0	0.01694	2.2E+08
19.90189	21.19999	18.99999	0	0	0	1.54237	2.4	1.5	0.01755	0	0.01694	2.2E+08
19.53827	19.89999	19.3	0	0	0	2.05165	2.4	1.5	0.01755	0	0.01694	2.2E+08
19.56979	19.89999	19.39999	0	0	0	2.09396	2.3	1.7	0.01755	0	0.01694	2.2E+08
19.51141	19.8	19.39999	0	0	0	2.20199	2.4	1.9	0.01755	0	0.01694	2.2E+08
19.7859	19.99999	19.39999	0	0	0	1.97046	2.4	1.7	0.01755	0	0.01694	2.2E+08
19.93354	20.09999	19.8	0	0	0	1.92685	2.1	1.7	0.01755	0	0.01694	2.2E+08
19.59462	19.89999	19.39999	0	0	0	2.33556	2.7	2	0.01755	0	0.01694	2.2E+08
19.85703	20.09999	19.8	0	0	0	2.20269	2.4	2	0.01755	0	0.01694	2.2E+08
19.92215	20.09999	19.8	0	0	0	2.25838	2.5	2.3	0.01755	0	0.01694	2.2E+08
20.07784	20.19999	19.8	0	0	0	2.24564	2.5	2.1	0.01755	0	0.01694	2.2E+08
19.89192	20.09999	19.8	0	0	0	2.50538	2.7	2.2	0.01755	0	0.01694	2.2E+08
20.249	20.49999	19.89999	0	0	0	2.29529	2.5	2	0.01755	0	0.01694	2.2E+08
20.249	20.49999	19.89999	0	0	0	2.29529	2.9	2.1	0.01755	0	0.01694	2.2E+08
20.13489	20.39999	19.89999	0	0	0	2.54833	3	2.3	0.01755	0	0.01694	2.2E+08
20.06644	20.39999	19.89999	0	0	0	2.71006	3	2.3	0.01755	0	0.01694	2.2E+08
20.0765	20.39999	19.8	0	0	0	2.77047	3.1	2.4	0.01755	0	0.01694	2.2E+08
20.25769	20.49999	20.09999	0	0	0	2.65236	2.8	2.4	0.01755	0	0.01694	2.2E+08
20.57047	20.69999	20.19999	0	0	0	2.38992	2.9	2.2	0.01755	0	0.01694	2.2E+08
20.18724	20.39999	20.09999	0	0	0	2.83961	3	2.6	0.01755	0	0.01694	2.2E+08
20.18054	20.39999	19.89999	0	0	0	3.1094	3.4	2.6	0.01755	0	0.01694	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
20.18054	20.39999	19.89999	0	0	0	3.1094	3.4	2.6	0.01755	0	0.01694	2.2E+08
20.07987	20.19999	19.89999	0	0	0	3.23353	3.5	3	0.01755	0	0.01694	2.2E+08
20.12684	20.39999	19.89999	0	0	0	3.14762	3.4	2.9	0.01755	0	0.01694	2.2E+08
20.26442	20.49999	20.09999	0	0	0	2.96174	3.2	2.6	0.01755	0	0.01694	2.2E+08
20.47315	20.59999	20.39999	0	0	0	2.76443	2.9	2.5	0.01755	0	0.01694	2.2E+08
20.46307	20.59999	20.19999	0	0	0	2.84364	3.1	2.6	0.01755	0	0.01694	2.2E+08
20.62081	20.8	20.39999	0	0	0	2.76576	3	2.6	0.01755	0	0.01694	2.2E+08
20.77651	21.19999	20.49999	0	0	0	2.65704	3	2.2	0.01755	0	0.01694	2.2E+08
20.83825	21.09999	20.69999	0	0	0	2.67516	2.9	2.3	0.01755	0	0.01694	2.2E+08
21.1537	21.39999	20.99999	0	0	0	2.53021	2.8	2.4	0.01755	0	0.01694	2.2E+08
21.1537	21.39999	20.99999	0	0	0	2.53021	2.8	2.4	0.01755	0	0.01694	2.2E+08
21.32283	21.39999	21.19999	0	0	0	2.54361	2.7	2.3	0.01755	0	0.01694	2.2E+08
22.29593	22.8	21.89999	0	0	0	1.79469	2.2	1.3	0.01755	0	0.01694	2.2E+08
21.87251	22.49999	21.3	0	0	0	2.35769	3	1.8	0.01755	0	0.01694	2.2E+08
22.47314	22.8	22.19999	0	0	0	1.91812	2.4	1.5	0.01755	0	0.01694	2.2E+08
22.47314	22.8	22.19999	0	0	0	1.91812	2.4	1.5	0.01755	0	0.01694	2.2E+08
22.64293	23.09999	21.89999	0	0	0	2.00808	2.7	1.6	0.01755	0	0.01694	2.2E+08
22.65771	22.89999	22.39999	0	0	0	2.12214	2.4	1.9	0.01755	0	0.01694	2.2E+08
22.81341	23.09999	22.39999	0	0	0	2.14767	2.8	1.8	0.01755	0	0.01694	2.2E+08
22.14496	22.39999	21.69999	0	0	0	3.07919	3.4	2.2	0.01755	0	0.01694	2.2E+08
22.5007	23.09999	21.89999	0	0	0	2.79661	3.2	2.2	0.01755	0	0.01694	2.2E+08
22.65704	23.09999	22.3	0	0	0	2.75705	3.2	2.2	0.01755	0	0.01694	2.2E+08
22.7564	22.99999	22.49999	0	0	0	2.79058	3.2	2.6	0.01755	0	0.01694	2.2E+08
22.94967	23.09999	22.8	0	0	0	2.7906	3	2.6	0.01755	0	0.01694	2.2E+08
22.94967	23.19999	22.49999	0	0	0	2.90736	3.4	2.7	0.01755	0	0.01694	2.2E+08
22.87516	23.19999	22.39999	0	0	0	3.07919	3.6	2.7	0.01755	0	0.01694	2.2E+08
22.84162	23.09999	22.49999	0	0	0	3.08119	3.4	2.8	0.01755	0	0.01694	2.2E+08
23.33084	23.69999	22.89999	0	0	0	2.46648	3	2	0.01755	0	0.01694	2.2E+08
23.33084	23.69999	22.89999	0	0	0	2.46648	3	2	0.01755	0	0.01694	2.2E+08
23.05434	23.19999	22.8	0	0	0	2.77855	3.1	2.6	0.01755	0	0.01694	2.2E+08
22.76306	22.99999	22.39999	0	0	0	3.11345	3.5	2.9	0.01755	0	0.01694	2.2E+08
22.59864	22.99999	22.19999	0	0	0	3.0678	3.4	2.7	0.01755	0	0.01694	2.2E+08
22.21612	22.39999	21.89999	0	0	0	3.23553	3.6	2.9	0.01755	0	0.01694	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
22.34027	22.59999	21.99999	0	0	0	2.95637	3.3	2.7	0.01755	0	0.01694	2.2E+08
22.79332	23.49999	22.39999	0	0	0	2.51338	2.9	1.8	0.01755	0	0.01694	2.2E+08
22.79332	23.49999	22.39999	0	0	0	2.51338	2.9	1.8	0.00569	0	0.00611	2.2E+08
23.1354	23.49999	22.49999	11.94921	13.02276	0	2.25782	2.8	2	0.07825	0	0.07944	2.2E+08
23.1354	23.49999	22.49999	11.94921	13.02276	0	2.25782	2.8	2	0.16163	0.01522	0.1625	2.2E+08
23.01267	23.39999	22.8	13.25376	13.35525	13.05046	2.93165	3.2	2.5	0.245	0.0078	0.24611	2.2E+08
23.01267	23.39999	22.8	13.25376	13.35525	13.05046	2.93165	3.2	2.5	0.32838	0.0078	0.32916	2.2E+08
22.62735	23.09999	22.19999	13.29527	13.38296	13.21671	3.59083	4.1	2.9	0.41175	0.03002	0.4125	2.2E+08
22.1859	22.39999	21.8	13.27018	13.35525	13.10588	3.7	4.2	3.4	0.49513	0.09064	0.49611	2.2E+08
22.1859	22.39999	21.8	13.27018	13.35525	13.10588	3.7	4.2	3.4	0.5785	0	0.57916	2.2E+08
22.12881	22.39999	21.8	13.27891	13.38296	13.1613	3.55705	4	3.3	0.66187	0.00518	0.6625	2.2E+08
22.08053	22.19999	21.8	13.22359	13.35525	13.07817	3.2349	3.5	3.1	0.74524	0.07043	0.74611	2.2E+08
22.08053	22.19999	21.8	13.22359	13.35525	13.07817	3.2349	3.5	3.1	0.8286	0.03518	0.82916	2.2E+08
21.92476	22.3	21.69999	13.2579	13.35525	13.07817	3.32826	3.6	2.9	0.91197	0	0.9125	2.2E+08
21.49058	21.69999	21.3	13.27204	13.38296	13.1613	3.49197	3.7	3.2	0.99536	0	0.99611	2.2E+08
21.49058	21.69999	21.3	13.27204	13.38296	13.1613	3.49197	3.7	3.2	1.07874	0.07035	1.07916	2.2E+08
21.70671	21.99999	21.39999	13.23419	13.32754	13.13359	3.1765	3.5	2.9	1.16211	0.10536	1.1625	2.2E+08
21.73614	22.19999	21.39999	13.2718	13.38296	13.13359	3.14708	3.5	2.6	1.2455	0.10555	1.24583	2.2E+08
21.25687	21.69999	20.69999	13.28377	13.35525	13.13359	3.54309	4.1	3.1	1.32887	0.03506	1.32944	2.2E+08
21.25687	21.69999	20.69999	13.28377	13.35525	13.13359	3.54309	4.1	3.1	1.41225	0.04051	1.4125	2.2E+08
21.00534	21.19999	20.69999	13.2794	13.35525	13.10588	3.66441	4	3.4	1.49562	0.04984	1.49583	2.2E+08
21.04496	21.19999	20.8	13.19981	13.32754	13.02276	3.17449	3.5	3	1.57901	0.1309	1.57944	2.2E+08
21.04496	21.19999	20.8	13.19981	13.32754	13.02276	3.17449	3.5	3	1.66238	0	1.6625	2.2E+08
20.69089	20.8	20.49999	13.28444	13.35525	13.189	3.36767	3.7	3.2	1.74576	0.0701	1.74611	2.2E+08
20.69089	20.8	20.49999	13.28444	13.35525	13.189	3.36767	3.7	3.2	1.82914	0.03508	1.82916	2.2E+08
20.96503	21.19999	20.69999	13.27046	13.38296	13.13359	3.03833	3.3	2.8	1.91251	0	1.9125	2.2E+08
20.7461	20.99999	20.59999	13.30765	13.46609	13.21671	3.26398	3.4	3.1	1.99588	0.02023	1.99583	2.2E+08
20.83431	21.19999	20.59999	13.27529	13.35525	13.21671	3.10194	3.3	2.7	2.07926	0.05535	2.07916	2.2E+08
20.89804	21.19999	20.49999	13.369	13.60463	13.24442	3.08854	3.5	2.8	2.16263	0.05536	2.16277	2.2E+08
20.89804	21.19999	20.49999	13.369	13.60463	13.24442	3.08854	3.5	2.8	2.246	0.03514	2.24583	2.2E+08
21.12081	21.19999	20.99999	13.39816	13.57692	13.24442	2.89595	3.5	2.8	2.32936	0.07014	2.32944	2.2E+08
20.80732	21.19999	20.49999	13.54735	13.63233	13.41067	3.28666	3.5	2.8	2.41274	0	2.4125	2.2E+08
20.50508	21.09999	20.09999	13.45377	13.63233	13.27213	3.48473	3.9	2.9	2.4961	0.06782	2.49611	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
20.50508	21.09999	20.09999	13.45377	13.63233	13.27213	3.48473	3.9	2.9	2.57948	0	2.57916	2.2E+08
20.42154	20.59999	20.19999	13.30744	13.43838	13.189	3.25829	3.7	3	2.66285	0.05448	2.6625	2.2E+08
20.51341	20.69999	20.39999	13.28805	13.32754	13.24442	2.96245	3.3	2.8	2.74622	0.05532	2.74583	2.2E+08
19.82475	20.09999	19.49999	13.31925	13.43838	13.21671	3.36045	3.7	3.1	2.8296	0.03493	2.82944	2.2E+08
19.82475	20.09999	19.49999	13.31925	13.43838	13.21671	3.36045	3.7	3.1	2.91297	0.03491	2.9125	2.2E+08
18.97423	19.19999	18.8	13.25393	13.32754	13.1613	3.40917	3.6	3.2	2.99633	0.00665	2.99611	2.2E+08
18.97423	19.19999	18.8	13.25393	13.32754	13.1613	3.40917	3.4	3	3.0797	0.03483	3.07944	2.2E+08
18.77307	18.8	18.69999	13.25086	13.35525	13.13359	3.22825	3.4	3	3.16309	0.0078	3.1625	2.2E+08
18.70671	18.8	18.59999	13.2713	13.32754	13.1613	2.9094	3	2.8	3.24648	0	3.24611	2.2E+08
18.70671	18.8	18.59999	13.2713	13.32754	13.1613	2.9094	3	2.8	3.32983	0.04084	3.32916	2.2E+08
18.38316	18.39999	18.3	13.2724	13.35525	13.189	2.94383	3.2	2.8	3.41319	0.03479	3.41277	2.2E+08
18.38316	18.39999	18.3	13.2724	13.35525	13.189	2.94383	3.2	2.8	3.49657	0	3.49583	2.2E+08
18.21484	18.39999	18.09999	13.25727	13.35525	13.1613	3.01438	3.2	2.8	3.57992	0.01433	3.57916	2.2E+08
18.14276	18.19999	18.09999	13.29761	13.46609	13.189	2.81344	2.9	2.7	3.66329	0.02044	3.66277	2.2E+08
18.13938	18.19999	17.99999	13.34635	13.46609	13.21671	2.72693	2.9	2.5	3.74664	0.02045	3.74611	2.2E+08
18.13938	18.19999	17.99999	13.34635	13.46609	13.21671	2.72693	2.9	2.5	3.83002	0.00618	3.82916	2.2E+08
17.79998	17.99999	17.69999	13.41726	13.46609	13.35525	2.78325	2.9	2.6	3.91342	0	3.91277	2.2E+08
17.79998	17.99999	17.69999	13.41726	13.46609	13.35525	2.78325	2.9	2.6	3.99679	0	3.99583	2.2E+08
17.69666	17.8	17.49999	13.47454	13.60463	13.35525	2.71337	3.1	2.6	4.08015	0.03471	4.07944	2.2E+08
17.69666	17.8	17.49999	13.47454	13.60463	13.35525	2.71337	3.1	2.6	4.1635	0.02047	4.1625	2.2E+08
17.75722	17.8	17.49999	13.43754	13.54921	13.32754	2.56867	2.8	2.5	4.24686	0.02048	4.24583	2.2E+08
17.58316	17.69999	17.49999	13.49186	13.63233	13.35525	2.49664	2.8	2.3	4.33021	0	4.32944	2.2E+08
17.58316	17.69999	17.49999	13.49186	13.63233	13.35525	2.49664	2.8	2.3	4.41357	0.03471	4.4125	2.2E+08
17.53363	17.69999	17.49999	13.49576	13.60463	13.38296	2.44615	2.5	2.2	4.49692	0.02049	4.49583	2.2E+08
17.51922	17.59999	17.49999	13.48231	13.60463	13.35525	2.34034	2.4	2.2	4.58029	0.06937	4.57944	2.2E+08
17.51922	17.59999	17.49999	13.48231	13.60463	13.35525	2.34034	2.4	2.1	4.66366	0	4.6625	2.2E+08
17.53267	17.69999	17.49999	13.43529	13.54921	13.32754	2.273	2.4	2.1	4.74701	0	4.74583	2.2E+08
17.51242	17.59999	17.49999	13.45742	13.57692	13.35525	2.20777	2.3	2	4.83036	0.0205	4.82916	2.2E+08
17.48655	17.49999	17.39999	13.41013	13.5215	13.32754	2.15962	2.3	2	4.91374	0.03467	4.9125	2.2E+08
17.51008	17.59999	17.49999	13.43896	13.57692	13.32754	2.062	2.2	1.9	4.99712	0.06937	4.99583	2.2E+08
17.51011	17.59999	17.49999	13.40617	13.49379	13.32754	2.00671	2.1	1.7	5.08048	0.02048	5.07944	2.2E+08
17.58649	17.69999	17.49999	13.39221	13.43838	13.32754	1.89329	2.1	1.7	5.16387	0.03467	5.1625	2.2E+08
17.51346	17.69999	17.49999	13.423	13.5215	13.32754	1.90235	2	1.8	5.24725	0.03466	5.24583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.49663	17.49999	17.39999	13.53247	13.68775	13.41067	1.90234	2	1.8	5.33061	0	5.32916	2.2E+08
17.37298	17.39999	17.19999	13.52488	13.63233	13.38296	1.93373	2.1	1.8	5.41397	0	5.41277	2.2E+08
17.37298	17.39999	17.19999	13.52488	13.63233	13.38296	1.93373	2.1	1.8	5.49733	0.0205	5.49611	2.2E+08
17.39328	17.39999	17.19999	13.54724	13.63233	13.43838	1.84612	2.1	1.8	5.58068	0	5.57944	2.2E+08
17.39328	17.39999	17.19999	13.54724	13.63233	13.43838	1.84612	2.1	1.8	5.66404	0	5.6625	2.2E+08
17.35956	17.39999	17.19999	13.49101	13.57692	13.35525	1.86062	2.1	1.8	5.74741	0.041	5.74583	2.2E+08
17.34143	17.39999	17.19999	13.52709	13.63233	13.43838	1.85183	2.1	1.8	5.83078	0.02051	5.82944	2.2E+08
17.23513	17.39999	17.09999	13.55951	13.68775	13.38296	1.94806	2.1	1.8	5.91413	0	5.9125	2.2E+08
17.13262	17.19999	16.99999	13.68832	13.77087	13.57692	1.90572	2.1	1.7	5.99748	0	5.99611	2.2E+08
17.08654	17.09999	16.99999	13.71911	13.79858	13.66004	1.92252	2.2	1.8	6.08083	0.01413	6.07944	2.2E+08
17.08654	17.09999	16.99999	13.71911	13.79858	13.66004	1.92252	2.2	1.8	6.16419	0	6.1625	2.2E+08
17.10671	17.19999	17.09999	13.57499	13.68775	13.46609	1.84375	2.1	1.7	6.24754	0.03465	6.24611	2.2E+08
17.09321	17.09999	16.89999	13.56851	13.68775	13.43838	1.81354	2.1	1.8	6.3309	0.02052	6.32944	2.2E+08
17.04815	17.09999	16.89999	13.61665	13.71546	13.49379	1.82488	2	1.7	6.41426	0	6.41277	2.2E+08
17.04815	17.09999	16.89999	13.61665	13.71546	13.49379	1.82488	2	1.7	6.49762	0.03463	6.49583	2.2E+08
17.03365	17.09999	16.89999	13.57469	13.68775	13.46609	1.81684	2	1.7	6.58099	0.02815	6.57916	2.2E+08
16.91682	16.99999	16.89999	13.55677	13.68775	13.43838	1.83369	1.9	1.7	6.66436	0.03459	6.66277	2.2E+08
16.91682	16.99999	16.89999	13.55677	13.68775	13.43838	1.83369	1.9	1.7	6.74775	0.0692	6.74583	2.2E+08
16.89324	16.89999	16.8	13.57385	13.66004	13.46609	1.82597	1.9	1.8	6.83113	0.03459	6.82916	2.2E+08
16.8808	16.89999	16.8	13.5229	13.68775	13.38296	1.82255	1.9	1.8	6.91451	0.01407	6.9125	2.2E+08
16.88082	16.89999	16.8	13.45967	13.57692	13.35525	1.79898	1.9	1.7	6.99789	0.04863	6.99583	2.2E+08
16.86296	16.89999	16.8	13.47587	13.54921	13.35525	1.80675	1.9	1.7	7.08126	0.03459	7.07916	2.2E+08
16.84948	16.89999	16.8	13.48431	13.63233	13.35525	1.80335	1.9	1.7	7.16461	0	7.16277	2.2E+08
16.81682	16.89999	16.8	13.52849	13.60463	13.41067	1.81008	1.9	1.7	7.24798	0.03459	7.24583	2.2E+08
16.82255	16.89999	16.8	13.54894	13.66004	13.43838	1.7606	1.8	1.5	7.33134	0.03459	7.32944	2.2E+08
16.82255	16.89999	16.8	13.54894	13.66004	13.43838	1.7606	1.8	1.5	7.41471	0	7.4125	2.2E+08
16.84714	16.89999	16.8	13.59538	13.71546	13.43838	1.72255	1.9	1.5	7.49808	0.02054	7.49583	2.2E+08
16.87307	16.89999	16.8	13.50466	13.60463	13.38296	1.67643	1.8	1.4	7.58145	0	7.57916	2.2E+08
16.85386	16.99999	16.8	13.50332	13.60463	13.41067	1.64816	1.8	1.4	7.66482	0.03459	7.66277	2.2E+08
16.85386	16.99999	16.8	13.50332	13.60463	13.41067	1.64816	1.7	1.2	7.74819	0	7.74583	2.2E+08
17.01115	17.09999	16.89999	13.45574	13.54921	13.35525	1.49222	1.7	1.2	7.83156	0.04867	7.82916	2.2E+08
16.89999	16.89999	16.89999	13.53743	13.60463	13.41067	1.51442	1.7	1.4	7.91492	0	7.91277	2.2E+08
16.89999	16.89999	16.89999	13.53743	13.60463	13.41067	1.51442	1.7	1.4	7.99827	0	7.99583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.81006	16.89999	16.59999	13.39444	13.49379	13.29984	1.58761	2	1.4	8.08164	0.02703	8.07944	2.2E+08
16.81006	16.89999	16.59999	13.39444	13.49379	13.29984	1.58761	2	1.4	8.16502	0.00649	8.1625	2.2E+08
16.72925	16.8	16.49999	13.38604	13.46609	13.29984	1.60582	2	1.5	8.24844	0.02808	8.24611	2.2E+08
16.72925	16.8	16.49999	13.38604	13.46609	13.29984	1.60582	2	1.5	8.33188	0	8.32944	2.2E+08
16.52353	16.8	16.39999	13.43024	13.54921	13.32754	1.76295	1.9	1.5	8.41535	0	8.41277	2.2E+08
16.52353	16.8	16.39999	13.43024	13.54921	13.32754	1.76295	1.9	1.7	8.4988	0.01397	8.49583	2.2E+08
16.45623	16.49999	16.39999	13.43107	13.60463	13.32754	1.82459	1.9	1.7	8.58225	0	8.57916	2.2E+08
16.42352	16.49999	16.39999	13.38155	13.46609	13.29984	1.84614	1.9	1.7	8.66574	0	8.6625	2.2E+08
16.39324	16.39999	16.3	13.39163	13.46609	13.29984	1.83703	2	1.8	8.74922	0.03451	8.74583	2.2E+08
16.39093	16.39999	16.3	13.41174	13.49379	13.29984	1.82923	1.9	1.8	8.83265	0.06908	8.82916	2.2E+08
16.42597	16.49999	16.39999	13.47137	13.54921	13.32754	1.77403	1.8	1.7	8.91608	0.03452	8.91277	2.2E+08
16.42589	16.49999	16.39999	13.43976	13.54921	13.35525	1.77074	1.8	1.7	8.99951	0.06909	8.99611	2.2E+08
16.42589	16.49999	16.39999	13.43976	13.54921	13.35525	1.77074	1.8	1.7	9.08294	0.03453	9.07916	2.2E+08
16.42357	16.49999	16.39999	13.45181	13.54921	13.35525	1.7495	1.8	1.6	9.16637	0.02055	9.1625	2.2E+08
16.42019	16.49999	16.39999	13.42354	13.5215	13.32754	1.7158	1.8	1.5	9.24982	0.03455	9.24583	2.2E+08
16.45726	16.49999	16.39999	13.51425	13.68775	13.41067	1.64376	1.8	1.5	9.33331	0	9.32916	2.2E+08
16.49663	16.59999	16.39999	13.57496	13.68775	13.43838	1.61244	1.8	1.4	9.41677	0.04234	9.4125	2.2E+08
16.5471	16.8	16.49999	13.49968	13.66004	13.38296	1.50339	1.7	1.2	9.5002	0.06908	9.49611	2.2E+08
16.5471	16.8	16.49999	13.49968	13.66004	13.38296	1.50339	1.7	1.2	9.58361	0.02056	9.57916	2.2E+08
16.7223	16.89999	16.49999	13.38938	13.49379	13.29984	1.30127	1.6	1.1	9.66704	0.01404	9.66277	2.2E+08
16.7223	16.89999	16.49999	13.38938	13.49379	13.29984	1.30127	1.4	1	9.75047	0.03458	9.74611	2.2E+08
16.90336	16.99999	16.8	13.39945	13.49379	13.32754	1.13029	1.4	1	9.8339	0.04239	9.82916	2.2E+08
16.91685	17.09999	16.89999	13.48482	13.60463	13.35525	1.12019	1.2	1	9.91735	0	9.9125	2.2E+08
16.90337	16.99999	16.89999	13.52545	13.63233	13.38296	1.20438	1.3	1.1	10.00078	0	9.99611	2.2E+08
16.92354	17.09999	16.89999	13.54559	13.68775	13.43838	1.2226	1.3	1	10.08423	0	10.07944	2.2E+08
16.99767	17.09999	16.89999	13.57131	13.71546	13.46609	1.16528	1.3	1	10.16768	0.03461	10.16277	2.2E+08
16.99767	17.09999	16.89999	13.57131	13.71546	13.46609	1.16528	1.3	1	10.25111	0	10.24583	2.2E+08
17.0899	17.09999	16.99999	13.43499	13.54921	13.32754	1.10674	1.2	1	10.33456	0.04092	10.32944	2.2E+08
17.0899	17.09999	16.99999	13.43499	13.54921	13.32754	1.10674	1.2	1	10.41801	0.0346	10.4125	2.2E+08
17.0731	17.09999	16.89999	13.49827	13.57692	13.38296	1.12689	1.3	1.1	10.50146	0.04105	10.49583	2.2E+08
16.99897	17.09999	16.89999	13.52034	13.66004	13.41067	1.20441	1.4	1.1	10.5849	0.01272	10.57916	2.2E+08
16.97072	17.09999	16.89999	13.51705	13.60463	13.43838	1.24273	1.4	1.1	10.66834	0	10.6625	2.2E+08
16.99321	17.09999	16.89999	13.5459	13.66004	13.41067	1.22361	1.4	1.1	10.75179	0.01405	10.74583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.85287	16.89999	16.8	13.655	13.74316	13.5215	1.37404	1.5	1.3	10.83522	0.03454	10.82916	2.2E+08
16.67551	16.8	16.49999	13.68914	13.77087	13.60463	1.56158	1.8	1.4	10.91869	0	10.9125	2.2E+08
16.54375	16.8	16.49999	13.68018	13.77087	13.60463	1.67537	1.9	1.7	11.00215	0.03455	10.99611	2.2E+08
16.44274	16.49999	16.39999	13.69307	13.77087	13.60463	1.76734	1.9	1.7	11.08557	0.06909	11.07916	2.2E+08
16.39663	16.49999	16.3	13.70678	13.77087	13.63233	1.81346	2	1.7	11.16901	0.01396	11.1625	2.2E+08
16.37643	16.39999	16.3	13.69728	13.77087	13.63233	1.81684	2	1.6	11.25247	0.02057	11.24583	2.2E+08
16.25623	16.39999	16.19999	13.69082	13.77087	13.60463	1.93032	2	1.8	11.33589	0.06896	11.32944	2.2E+08
16.25623	16.39999	16.19999	13.69082	13.77087	13.60463	1.93032	2	1.8	11.41931	0.05509	11.4125	2.2E+08
16.2135	16.3	16.19999	13.69108	13.77087	13.63233	1.96966	2.1	1.8	11.50273	0.01394	11.49583	2.2E+08
16.2057	16.3	16.19999	13.69613	13.77087	13.60463	1.95391	2.1	1.7	11.58614	0	11.57944	2.2E+08
16.22018	16.3	16.19999	13.7065	13.79858	13.63233	1.95291	2.1	1.7	11.66955	0.03452	11.6625	2.2E+08
16.36629	16.39999	16.3	13.75515	13.854	13.63233	1.8236	1.9	1.7	11.75298	0	11.74611	2.2E+08
16.36629	16.39999	16.3	13.75515	13.854	13.63233	1.8236	2	1.7	11.83643	0.02057	11.82944	2.2E+08
16.24277	16.3	16.19999	13.7734	13.88171	13.66004	1.9832	2.1	1.9	11.91987	0.06901	11.91277	2.2E+08
16.24277	16.3	16.19999	13.7734	13.88171	13.66004	1.9832	2.1	1.9	12.00331	0.03452	11.99583	2.2E+08
16.21687	16.3	16.19999	13.84617	13.96483	13.71546	2.04947	2.3	1.9	12.08673	0.05509	12.07944	2.2E+08
16.25285	16.3	16.19999	13.84587	14.02024	13.68775	2.06398	2.3	1.9	12.17017	0	12.1625	2.2E+08
16.09214	16.19999	15.99999	13.96711	14.10337	13.82629	2.25837	2.6	2.1	12.25361	0.03447	12.24611	2.2E+08
16.09214	16.19999	15.99999	13.96711	14.10337	13.82629	2.25837	2.6	2.1	12.33706	0.03563	12.32916	2.2E+08
16.09893	16.19999	15.99999	14.03088	14.10337	13.96483	2.24611	2.5	2.1	12.4205	0.04117	12.41277	2.2E+08
16.09893	16.19999	15.99999	14.03088	14.10337	13.96483	2.24611	2.5	2.1	12.50395	0	12.49583	2.2E+08
16.10778	16.19999	15.99999	14.0303	14.13108	13.96483	2.27969	2.5	2.1	12.58744	0	12.57944	2.2E+08
16.19663	16.3	15.99999	14.0278	14.10337	13.96483	2.16393	2.4	2	12.67091	0.06905	12.66277	2.2E+08
16.19663	16.3	15.99999	14.0278	14.10337	13.96483	2.16393	2.4	2	12.75435	0.03453	12.74583	2.2E+08
16.21013	16.3	16.19999	14.03591	14.13108	13.96483	2.20759	2.4	1.9	12.83781	0.01396	12.82916	2.2E+08
16.26298	16.39999	16.19999	14.0303	14.10337	13.93712	2.17507	2.4	1.9	12.92128	0	12.9125	2.2E+08
16.37644	16.39999	16.3	14.0578	14.15879	13.90941	2.22355	2.3	2.2	13.00472	0.06292	12.99611	2.2E+08
16.37644	16.39999	16.3	14.0578	14.15879	13.90941	2.22355	2.3	2.2	13.08816	0	13.07916	2.2E+08
16.43706	16.49999	16.39999	14.03895	14.2142	13.96483	2.18649	2.3	2.1	13.17162	0.03457	13.1625	2.2E+08
16.48654	16.49999	16.39999	14.03874	14.13108	13.96483	2.18083	2.2	1.8	13.25507	0.02053	13.24611	2.2E+08
16.68196	16.89999	16.49999	14.03281	14.13108	13.90941	2.02812	2.2	1.8	13.33853	0.04239	13.32916	2.2E+08
16.88652	16.99999	16.8	13.92206	14.07566	13.79858	2.02019	2.3	1.8	13.42199	0	13.41277	2.2E+08
16.88652	16.99999	16.8	13.92206	14.07566	13.79858	2.02019	2.3	1.8	13.50541	0.03458	13.49583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.88652	16.89999	16.8	13.99332	14.07566	13.88171	2.10106	2.3	2	13.58884	0.01408	13.57916	2.2E+08
17.05829	17.09999	16.89999	13.91053	14.04795	13.79858	2.16864	2.3	2.1	13.6723	0.0346	13.66277	2.2E+08
17.05829	17.09999	16.89999	13.91053	14.04795	13.79858	2.16864	2.3	2.1	13.75579	0	13.74583	2.2E+08
17.10335	17.19999	17.09999	13.8976	14.07566	13.74316	2.18759	2.3	2.1	13.83925	0	13.82916	2.2E+08
17.03941	17.09999	16.89999	13.92283	14.04795	13.82629	2.35154	2.6	2.2	13.92269	0.03464	13.9125	2.2E+08
17.14612	17.39999	17.09999	13.82265	13.90941	13.71546	2.38079	2.6	2.1	14.00615	0.02052	13.99611	2.2E+08
17.14714	17.19999	17.09999	13.83554	13.93712	13.74316	2.49427	2.6	2.3	14.08959	0	14.07944	2.2E+08
17.14714	17.19999	17.09999	13.83554	13.93712	13.74316	2.49427	2.6	2.3	14.17305	0	14.1625	2.2E+08
17.09994	17.09999	16.99999	13.80584	13.93712	13.66004	2.61693	2.8	2.4	14.25654	0	14.24611	2.2E+08
17.20432	17.39999	17.09999	13.85566	13.93712	13.71546	2.61585	2.8	2.4	14.34003	0.00635	14.32944	2.2E+08
17.20432	17.39999	17.09999	13.85566	13.93712	13.71546	2.61585	2.8	2.4	14.42346	0	14.4125	2.2E+08
17.18415	17.39999	17.09999	13.83106	13.93712	13.74316	2.72262	2.8	2.5	14.5069	0.01408	14.49611	2.2E+08
17.18415	17.39999	17.09999	13.83106	13.93712	13.74316	2.72262	2.8	2.5	14.59032	0.04099	14.57916	2.2E+08
17.18993	17.39999	17.09999	13.83328	13.90941	13.71546	2.78314	2.9	2.5	14.67377	0.05512	14.66277	2.2E+08
17.18993	17.39999	17.09999	13.83328	13.90941	13.71546	2.78314	2.9	2.5	14.7572	0.03464	14.74583	2.2E+08
17.23703	17.39999	17.09999	13.78486	13.90941	13.68775	2.76297	2.9	2.6	14.84064	0.00635	14.82916	2.2E+08
17.26527	17.39999	17.19999	13.82156	13.90941	13.71546	2.79533	3.1	2.6	14.9241	0.00635	14.91277	2.2E+08
17.26527	17.39999	17.19999	13.82156	13.90941	13.71546	2.79533	3.1	2.6	15.00755	0	14.99583	2.2E+08
17.35971	17.49999	17.19999	13.74116	13.82629	13.66004	2.78853	3.1	2.6	15.09098	0.03464	15.07944	2.2E+08
17.35971	17.49999	17.19999	13.74116	13.82629	13.66004	2.78853	3.1	2.6	15.17444	0.03465	15.1625	2.2E+08
17.40342	17.49999	17.39999	13.74344	13.82629	13.63233	2.85963	2.9	2.6	15.25787	0.04879	15.24611	2.2E+08
17.40342	17.49999	17.39999	13.74344	13.82629	13.63233	2.85963	2.9	2.6	15.34131	0	15.32916	2.2E+08
17.43604	17.49999	17.39999	13.74512	13.82629	13.66004	2.84372	2.9	2.7	15.42478	0.02049	15.4125	2.2E+08
17.43363	17.49999	17.39999	13.74313	13.79858	13.66004	2.87311	3	2.8	15.50823	0	15.49611	2.2E+08
17.43363	17.49999	17.39999	13.74313	13.79858	13.66004	2.87311	3	2.8	15.59167	0.03464	15.57916	2.2E+08
17.45045	17.49999	17.39999	13.74261	13.82629	13.66004	2.86637	3	2.8	15.67512	0.00634	15.6625	2.2E+08
17.46063	17.49999	17.39999	13.73924	13.82629	13.66004	2.86293	3	2.8	15.75857	0.03467	15.74583	2.2E+08
17.50335	17.69999	17.39999	13.74204	13.82629	13.68775	2.83701	3	2.7	15.84203	0.01416	15.82916	2.2E+08
17.53029	17.69999	17.49999	13.7107	13.79858	13.60463	2.82356	2.9	2.8	15.92549	0	15.91277	2.2E+08
17.51345	17.59999	17.49999	13.72074	13.79858	13.60463	2.89664	3	2.8	16.00893	0	15.99611	2.2E+08
17.51345	17.59999	17.49999	13.72074	13.79858	13.60463	2.89664	3	2.8	16.09239	0.0078	16.07916	2.2E+08
17.49328	17.59999	17.39999	13.73673	13.82629	13.60463	2.91687	3	2.8	16.17586	0.03464	16.1625	2.2E+08
17.41919	17.49999	17.39999	13.71744	13.79858	13.60463	3.03366	3.2	2.9	16.25928	0.03465	16.24611	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Ti	Filter ID
17.41919	17.49999	17.39999	13.71744	13.79858	13.60463	3.03366	3.2	2.9	16.34274	0	16.32916	2.2E+08
17.41578	17.49999	17.39999	13.7258	13.79858	13.66004	3.01787	3.2	2.9	16.42606	0.041	16.4125	2.2E+08
17.37172	17.49999	17.19999	13.74203	13.82629	13.66004	2.98218	3.2	2.8	16.50926	0.02684	16.49611	2.2E+08
17.37172	17.49999	17.19999	13.74203	13.82629	13.66004	2.98218	3.2	2.8	16.59246	0.0078	16.57916	2.2E+08
17.4067	17.49999	17.19999	13.73225	13.79858	13.63233	2.92258	3.1	2.8	16.67567	0.03464	16.6625	2.2E+08
17.34617	17.39999	17.19999	13.73646	13.79858	13.66004	2.98753	3.2	2.9	16.75887	0.06929	16.74583	2.2E+08
17.37985	17.39999	17.19999	13.73057	13.79858	13.66004	2.93937	3.2	2.9	16.84207	0.03464	16.82944	2.2E+08
17.37985	17.39999	17.19999	13.72418	13.79858	13.63233	2.94034	3.2	2.9	16.92528	0.02049	16.9125	2.2E+08
17.47411	17.59999	17.39999	13.60961	13.71546	13.54921	2.84167	3	2.7	17.00848	0	16.99611	2.2E+08
17.47411	17.59999	17.39999	13.60961	13.71546	13.54921	2.84167	3	2.8	17.09168	0.03464	17.07944	2.2E+08
17.46635	17.49999	17.39999	13.57831	13.66004	13.49379	2.87073	3	2.8	17.17489	0.02049	17.1625	2.2E+08
17.47982	17.59999	17.39999	13.52175	13.63233	13.43838	2.85385	3	2.8	17.25809	0	17.24611	2.2E+08
17.47982	17.59999	17.39999	13.52175	13.63233	13.43838	2.85385	3	2.8	17.34129	0.02047	17.32916	2.2E+08
17.59753	17.69999	17.49999	13.45661	13.57692	13.32754	2.7553	2.9	2.6	17.4245	0.02047	17.4125	2.2E+08
17.65486	17.69999	17.49999	13.4644	13.60463	13.35525	2.71586	2.9	2.6	17.5077	0.02046	17.49583	2.2E+08
17.73272	17.8	17.69999	13.42046	13.49379	13.32754	2.69994	2.8	2.6	17.5909	0	17.57944	2.2E+08
17.73272	17.8	17.69999	13.42046	13.49379	13.32754	2.69994	2.8	2.6	17.6741	0.02045	17.6625	2.2E+08
17.89555	18.09999	17.8	13.42416	13.5215	13.35525	2.64825	2.8	2.3	17.75731	0.03469	17.74611	2.2E+08
17.89555	18.09999	17.8	13.42416	13.5215	13.35525	2.64825	2.9	2.5	17.84051	0.02045	17.82916	2.2E+08
17.89099	18.09999	17.8	13.44734	13.60463	13.35525	2.69887	2.9	2.5	17.92372	0.02044	17.9125	2.2E+08
18.09326	18.19999	17.8	13.36005	13.49379	13.24442	2.6538	2.9	2.5	18.00692	0.06945	17.99611	2.2E+08
18.09326	18.19999	17.8	13.36005	13.49379	13.24442	2.6538	2.9	2.5	18.09013	0.03471	18.07916	2.2E+08
18.21008	18.3	18.09999	13.27185	13.38296	13.189	2.72023	2.9	2.6	18.17333	0.02043	18.16277	2.2E+08
18.21008	18.3	18.09999	13.27185	13.38296	13.189	2.72023	2.9	2.6	18.25653	0	18.24583	2.2E+08
18.50432	18.69999	18.39999	13.25535	13.35525	13.189	2.5563	2.8	2.3	18.33973	0	18.32944	2.2E+08
18.50432	18.69999	18.39999	13.25535	13.35525	13.189	2.5563	3	2.6	18.42294	0.03474	18.41277	2.2E+08
18.35288	18.39999	18.3	13.25191	13.32754	13.1613	2.83805	3	2.6	18.50614	0	18.49583	2.2E+08
18.33707	18.39999	18.19999	13.24556	13.29984	13.13359	3.11103	3.4	2.9	18.58934	0.03474	18.57944	2.2E+08
18.32584	18.39999	18.19999	13.24053	13.29984	13.1613	3.20118	3.4	2.9	18.67255	0.06944	18.66277	2.2E+08
18.32584	18.39999	18.19999	13.24053	13.29984	13.1613	3.20118	3.4	2.9	18.75575	0.07558	18.74583	2.2E+08
18.57504	18.69999	18.39999	13.22174	13.29984	13.10588	2.92163	3.2	2.6	18.83896	0.02696	18.82944	2.2E+08
18.57504	18.69999	18.39999	13.22174	13.29984	13.10588	2.92163	3.2	2.6	18.92216	0.00779	18.9125	2.2E+08
18.56154	18.69999	18.39999	13.11342	13.27213	12.91192	3.01155	3.2	2.8	19.00536	0.08994	18.99583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.764	18.89999	18.69999	12.99281	13.13359	12.88422	2.81916	2.9	2.6	19.08857	0	19.07944	2.2E+08
18.764	18.89999	18.69999	12.99281	13.13359	12.88422	2.81916	2.9	2.6	19.17177	0	19.1625	2.2E+08
18.83361	18.99999	18.8	13.07816	13.189	12.99505	2.81009	2.9	2.7	19.25497	0.02038	19.24611	2.2E+08
18.83361	18.99999	18.8	13.07816	13.189	12.99505	2.81009	2.9	2.7	19.33818	0.00657	19.32916	2.2E+08
18.75623	18.8	18.69999	13.01351	13.13359	12.88422	2.97064	3.2	2.9	19.42138	0.10426	19.41277	2.2E+08
18.75623	18.8	18.69999	13.01351	13.13359	12.88422	2.97064	3.1	2.9	19.50459	0.03476	19.49611	2.2E+08
18.7562	18.8	18.69999	13.05522	13.189	12.91192	3.03133	3.1	2.9	19.58779	0.04912	19.57916	2.2E+08
18.65974	18.8	18.39999	12.9891	13.1613	12.8288	3.11327	3.4	2.9	19.671	0.02039	19.6625	2.2E+08
18.78317	18.99999	18.69999	13.01047	13.1613	12.85651	2.96732	3	2.7	19.7542	0	19.74583	2.2E+08
18.92459	18.99999	18.8	13.07117	13.189	12.96734	2.83939	3	2.7	19.8374	0.06961	19.82916	2.2E+08
18.9002	19.19999	18.8	13.15684	13.29984	13.02276	2.90996	2.9	2.5	19.9206	0	19.91277	2.2E+08
19.19329	19.3	18.99999	13.15646	13.27213	13.05046	2.69662	2.9	2.5	20.00381	0	19.99583	2.2E+08
19.06525	19.19999	18.89999	13.13754	13.27213	12.99505	2.9696	3.4	3.1	20.08701	0.04079	20.07944	2.2E+08
18.92264	18.99999	18.8	13.10359	13.21671	12.99505	3.26725	3.4	3.1	20.17022	0.01447	20.1625	2.2E+08
19.17177	19.39999	18.89999	13.06887	13.21671	12.93963	3.03501	3.3	2.8	20.25342	0	20.24583	2.2E+08
19.27401	19.39999	19.19999	13.1302	13.24442	12.99505	3.03272	3.2	2.9	20.33662	0.04265	20.32944	2.2E+08
19.27401	19.39999	19.19999	13.1302	13.24442	12.99505	3.03272	3.2	2.9	20.41982	0.06966	20.4125	2.2E+08
19.10912	19.3	18.89999	13.13438	13.21671	13.05046	3.22459	3.2	2.9	20.50303	0.02036	20.49611	2.2E+08
19.10466	19.3	18.8	13.21759	13.29984	13.13359	3.30102	3.6	3.1	20.58623	0	20.57944	2.2E+08
19.10466	19.3	18.8	13.21759	13.29984	13.13359	3.30102	3.6	3.1	20.66943	0.03489	20.6625	2.2E+08
19.72922	19.89999	19.39999	13.24884	13.35525	13.13359	2.72803	3.1	2.5	20.75264	0.04941	20.74611	2.2E+08
19.72922	19.89999	19.39999	13.24884	13.35525	13.13359	2.72803	3.1	2.5	20.83584	0.03489	20.82916	2.2E+08
19.48662	19.8	19.3	13.26401	13.35525	13.189	3.22217	3.7	3.2	20.91904	0.02036	20.91277	2.2E+08
19.381	19.59999	19.19999	13.25222	13.32754	13.1613	3.46281	3.7	3.2	21.00225	0.04917	20.99583	2.2E+08
19.31305	19.39999	18.99999	13.24669	13.35525	13.13359	3.47344	3.8	3.3	21.08545	0	21.07944	2.2E+08
19.31305	19.39999	18.99999	13.24669	13.35525	13.13359	3.47344	3.8	3.3	21.16865	0	21.1625	2.2E+08
19.61099	20.09999	19.19999	13.21534	13.35525	13.10588	3.17226	3.6	2.7	21.25186	0.03496	21.24583	2.2E+08
20.39545	20.69999	20.09999	13.25538	13.57692	13.07817	2.58207	3	2.3	21.33506	0.05526	21.32944	2.2E+08
20.39545	20.69999	20.09999	13.25538	13.57692	13.07817	2.58207	3	2.3	21.41827	0	21.4125	2.2E+08
20.0316	20.39999	19.89999	13.40445	13.57692	13.29984	3.36167	3.6	3	21.50147	0.009	21.49611	2.2E+08
20.0316	20.39999	19.89999	13.40445	13.57692	13.29984	3.36167	3.6	3	21.58467	0.04178	21.57916	2.2E+08
20.59447	21.3	20.09999	13.38353	13.5215	13.29984	2.88534	3.4	2.2	21.66788	0	21.66277	2.2E+08
20.59447	21.3	20.09999	13.38353	13.5215	13.29984	2.88534	3.4	2.2	21.75108	0	21.74583	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
21.56942	21.8	21.3	13.44371	13.57692	13.29984	2.0451	2.2	1.8	21.83428	0	21.82916	2.2E+08
21.58853	21.8	21.09999	13.73094	13.90941	13.57692	2.54283	3.1	2.2	21.91748	0.01485	21.91277	2.2E+08
21.42348	21.8	20.99999	13.69828	13.88171	13.57692	3.04601	3.4	2.8	22.00069	0.02019	21.99611	2.2E+08
21.42348	21.8	20.99999	13.69828	13.88171	13.57692	3.04601	3.4	2.8	22.08389	0	22.07916	2.2E+08
20.94952	21.39999	20.49999	13.81376	13.90941	13.71546	3.99417	4.5	3.5	22.1671	0	22.16277	2.2E+08
20.94952	21.39999	20.49999	13.81376	13.90941	13.71546	3.99417	4.5	3.5	22.2503	0.01475	22.24583	2.2E+08
21.08079	21.8	20.69999	13.65499	13.82629	13.5215	3.62829	4.1	2.7	22.33351	0.028	22.32944	2.2E+08
21.08079	21.8	20.69999	13.65499	13.82629	13.5215	3.62829	4.1	2.7	22.41672	0.00538	22.4125	2.2E+08
21.2749	21.8	20.69999	13.67232	13.82629	13.54921	3.42947	3.3	2.9	22.49992	0	22.49611	2.2E+08
21.64592	21.8	21.39999	13.63569	13.71546	13.54921	3.05071	3.3	2.9	22.58312	0.02022	22.57916	2.2E+08
20.93482	21.8	20.39999	13.74599	13.93712	13.60463	3.75501	4.3	2.9	22.66632	0.00538	22.6625	2.2E+08
21.21431	21.39999	20.99999	13.65696	13.854	13.57692	3.34523	3.6	3.1	22.74953	0.08514	22.74583	2.2E+08
20.85097	21.3	20.49999	13.77623	13.93712	13.60463	3.59188	4	3	22.83273	0	22.82944	2.2E+08
20.85097	21.3	20.49999	13.77623	13.93712	13.60463	3.59188	4	3	22.91593	0.01314	22.9125	2.2E+08
21.5109	21.8	21.19999	13.69868	13.88171	13.60463	2.75543	3.1	2.5	22.99914	0.04292	22.99611	2.2E+08
21.5109	21.8	21.19999	13.69868	13.88171	13.60463	2.75543	3.1	2.5	23.08234	0.07002	23.07916	2.2E+08
21.18073	21.89999	20.49999	13.86873	13.99253	13.63233	3.21815	4	2.5	23.16554	0.02737	23.16277	2.2E+08
21.18073	21.89999	20.49999	13.86873	13.99253	13.63233	3.21815	4	2.5	23.24875	0.02023	23.24583	2.2E+08
21.54716	21.8	21.09999	13.88734	14.02024	13.68775	2.90109	3.5	2.5	23.33195	0.01493	23.32916	2.2E+08
21.49961	21.8	21.19999	13.94551	14.02024	13.82629	3.15091	3.6	2.8	23.41515	0.0018	23.4125	2.2E+08
21.26877	21.59999	20.99999	13.95728	14.04795	13.88171	3.41774	3.7	3	23.49836	0.03077	23.49583	2.2E+08
21.36608	21.69999	21.09999	13.94024	14.02024	13.82629	3.25982	3.6	2.7	23.58156	0.04041	23.57916	2.2E+08
21.50392	21.8	21.09999	13.95561	14.07566	13.88171	3.15675	3.6	3	23.66476	0.03511	23.6625	2.2E+08
21.40019	21.69999	21.19999	13.9553	14.02024	13.88171	3.3032	3.6	3	23.74796	0.03518	23.74583	2.2E+08
21.76052	21.99999	21.59999	13.98081	14.10337	13.90941	2.95974	3.1	2.7	23.83117	0.02025	23.82916	2.2E+08
21.11027	21.69999	20.69999	14.02141	14.15879	13.90941	3.67624	4.1	3.1	23.91437	0.07021	23.9125	2.2E+08
21.25559	21.69999	20.69999	13.96596	14.07566	13.88171	3.43657	4.1	3	23.99757	0.01487	23.99583	2.2E+08
20.99494	21.39999	20.69999	13.9144	13.99253	13.74316	3.34564	3.8	2.7	24.00236	0	24	2.2E+08
21.16553	21.8	20.8	0.58808	13.88171	0	2.91691	3.4	2.2	24.00236	0	24	2.2E+08
21.67859	21.99999	21.09999	0	0	0	2.38533	3.1	2.1	24.00236	0	24	2.2E+08
21.67859	21.99999	21.09999	0	0	0	2.38533	3.1	2.1	24.00236	0	24	2.2E+08
21.65963	21.8	21.39999	0	0	0	2.30444	2.6	2.1	24.00236	0	24	2.2E+08
21.65963	21.8	21.39999	0	0	0	2.30444	2.6	2.1	24.00236	0	24	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
21.47122	21.8	21.09999	0	0	0	2.58168	3	2.3	24.00236	0	24	2.2E+08
21.49688	21.99999	21.09999	0	0	0	2.75937	3.2	2.2	24.00236	0	24	2.2E+08
21.49688	21.99999	21.09999	0	0	0	2.75937	3.2	2.2	24.00236	0	24	2.2E+08
21.49733	21.69999	21.09999	0	0	0	2.90375	3.4	2.6	24.00236	0	24	2.2E+08
20.97557	21.3	20.69999	0	0	0	3.48052	3.8	3	24.00236	0	24	2.2E+08
21.23708	21.39999	21.09999	0	0	0	3.0663	3.3	2.8	24.00236	0	24	2.2E+08
20.87208	21.69999	20.19999	0	0	0	3.39075	4.1	2.6	24.00236	0	24	2.2E+08
20.85007	21.09999	20.49999	0	0	0	3.29695	3.7	3	24.00236	0	24	2.2E+08
21.18998	21.39999	20.99999	0	0	0	2.8572	3	2.6	24.00236	0	24	2.2E+08
21.18998	21.39999	20.99999	0	0	0	2.8572	3	2.6	24.00236	0	24	2.2E+08
20.75764	21.39999	20.09999	0	0	0	3.35589	3.8	2.7	24.00236	0	24	2.2E+08
20.78762	21.3	20.39999	0	0	0	3.20699	3.8	2.7	24.00236	0	24	2.2E+08
21.20588	21.39999	20.99999	0	0	0	2.78403	3	2.6	24.00236	0	24	2.2E+08
20.89227	21.09999	20.69999	0	0	0	3.16986	3.5	2.9	24.00236	0	24	2.2E+08
20.89227	21.09999	20.69999	0	0	0	3.16986	3.5	2.9	0.07853	0	0.07944	2.2E+08
21.36763	21.59999	21.19999	12.31394	12.4963	12.10839	2.68298	2.9	2.4	0.16192	0.07812	0.16305	2.2E+08
21.36763	21.59999	21.19999	12.31394	12.4963	12.10839	2.68298	2.9	2.4	0.2453	0	0.24611	2.2E+08
21.22139	21.39999	20.99999	12.64666	12.80109	12.52401	3.00551	3.3	2.8	0.32867	0.02024	0.32972	2.2E+08
21.22139	21.39999	20.99999	12.64666	12.80109	12.52401	3.00551	3.3	2.8	0.41205	0	0.41277	2.2E+08
21.31656	21.69999	20.99999	12.65382	12.74568	12.57943	2.93729	3.2	2.5	0.49542	0.02022	0.49611	2.2E+08
21.23263	21.39999	21.09999	12.67761	12.77338	12.57943	3.04146	3.1	2.8	0.57879	0.02021	0.57972	2.2E+08
21.22701	21.39999	21.09999	12.63538	12.71797	12.52401	2.97872	3.1	2.8	0.66217	0.03515	0.66277	2.2E+08
21.21447	21.39999	20.8	12.74628	12.85651	12.60714	2.99897	3.5	2.8	0.74555	0.0132	0.74638	2.2E+08
21.21447	21.39999	20.8	12.74628	12.85651	12.60714	2.99897	3.5	2.8	0.82892	0.02029	0.82944	2.2E+08
20.20027	20.49999	19.89999	12.63755	12.74568	12.52401	3.53455	3.8	3.3	0.91229	0.00565	0.91305	2.2E+08
20.20027	20.49999	19.89999	12.63755	12.74568	12.52401	3.53455	3.8	3.3	0.99568	0.00781	0.99611	2.2E+08
20.42021	20.8	20.09999	12.45116	12.66255	12.19152	2.90451	3.4	2.3	1.07905	0.03593	1.07944	2.2E+08
20.57069	20.8	19.99999	12.53164	12.69026	12.24693	2.69099	3.3	2.3	1.16242	0.01462	1.16277	2.2E+08
19.87532	20.09999	19.8	12.58068	12.69026	12.44089	3.22922	3.5	3	1.24578	0.03491	1.24611	2.2E+08
19.36524	19.59999	19.19999	12.49374	12.57943	12.41318	3.19218	3.5	3	1.32915	0.0349	1.32972	2.2E+08
19.22688	19.3	19.19999	12.52633	12.63484	12.44089	3.03935	3.1	2.9	1.41252	0.01926	1.41305	2.2E+08
19.22688	19.3	19.19999	12.52633	12.63484	12.44089	3.03935	3	2.6	1.49589	0	1.49611	2.2E+08
19.2437	19.3	19.19999	12.61023	12.71797	12.38547	2.83178	3	2.6	1.57927	0.04076	1.57944	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.07871	19.19999	18.99999	12.62138	12.71797	12.4963	2.85625	3.2	2.8	1.66264	0.06974	1.66305	2.2E+08
18.88883	18.99999	18.8	12.62112	12.71797	12.55172	2.98087	3.2	2.8	1.74602	0.01443	1.74611	2.2E+08
18.6888	18.8	18.59999	12.58694	12.66255	12.4686	2.92362	3.1	2.6	1.8294	0	1.82972	2.2E+08
18.6888	18.8	18.59999	12.58694	12.66255	12.4686	2.92362	3.1	2.6	1.91278	0	1.91277	2.2E+08
18.68076	18.69999	18.59999	12.61081	12.69026	12.4963	2.80456	3	2.6	1.99614	0.02043	1.99638	2.2E+08
18.49219	18.69999	18.3	12.61496	12.69026	12.55172	2.81119	3	2.6	2.07952	0.01434	2.07944	2.2E+08
18.30903	18.39999	18.19999	12.63653	12.71797	12.55172	2.89661	3.1	2.8	2.1629	0	2.16277	2.2E+08
18.05263	18.09999	17.8	12.68664	12.8288	12.55172	2.90016	3.1	2.8	2.24627	0.06137	2.24638	2.2E+08
18.05263	18.09999	17.8	12.68664	12.8288	12.55172	2.90016	3.1	2.8	2.32966	0	2.32944	2.2E+08
17.85837	18.09999	17.69999	12.76142	12.91192	12.60714	2.78096	2.9	2.6	2.41305	0.01424	2.41305	2.2E+08
17.85837	18.09999	17.69999	12.76142	12.91192	12.60714	2.78096	2.9	2.6	2.49643	0.04898	2.49611	2.2E+08
17.78409	17.8	17.69999	12.79836	12.93963	12.69026	2.74847	2.9	2.6	2.57979	0.02047	2.57944	2.2E+08
17.61932	17.69999	17.49999	12.84051	12.96734	12.71797	2.70759	2.9	2.6	2.66317	0.04096	2.66305	2.2E+08
17.61932	17.69999	17.49999	12.84051	12.96734	12.71797	2.70759	2.8	2.5	2.74658	0.02049	2.74638	2.2E+08
17.55181	17.69999	17.49999	12.85207	12.93963	12.74568	2.65707	2.8	2.5	2.82998	0.03471	2.82944	2.2E+08
17.48543	17.59999	17.39999	12.87721	12.99505	12.74568	2.46403	2.6	2.4	2.91337	0.02049	2.91305	2.2E+08
17.48543	17.59999	17.39999	12.87721	12.99505	12.74568	2.46403	2.5	2.2	2.99675	0.0142	2.99638	2.2E+08
17.48991	17.49999	17.39999	12.85558	12.99505	12.74568	2.30222	2.5	2.2	3.08011	0	3.07972	2.2E+08
17.48991	17.49999	17.39999	12.85558	12.99505	12.74568	2.30222	2.5	2.2	3.16347	0	3.16277	2.2E+08
17.46627	17.49999	17.39999	12.87746	12.96734	12.71797	2.24043	2.3	2	3.24683	0	3.24611	2.2E+08
17.47747	17.49999	17.39999	12.84407	12.93963	12.69026	2.108	2.3	2	3.3302	0	3.32944	2.2E+08
17.49999	17.49999	17.49999	12.85319	12.93963	12.71797	2.02691	2	1.8	3.41356	0.03469	3.41305	2.2E+08
17.49653	17.49999	17.39999	12.83606	12.93963	12.71797	1.97648	2	1.8	3.49694	0.0078	3.49611	2.2E+08
17.49092	17.49999	17.39999	12.76573	12.88422	12.57943	1.91916	2	1.5	3.58031	0.05669	3.57944	2.2E+08
17.53715	17.69999	17.49999	12.5984	12.69026	12.52401	1.81225	2	1.5	3.66368	0.03316	3.66277	2.2E+08
17.61672	17.69999	17.49999	12.58474	12.63484	12.52401	1.65975	1.8	1.5	3.74705	0.00627	3.74638	2.2E+08
17.61672	17.69999	17.49999	12.58474	12.63484	12.52401	1.65975	1.8	1.5	3.83043	0.03467	3.82972	2.2E+08
17.55729	17.69999	17.49999	12.60487	12.66255	12.52401	1.70907	1.8	1.5	3.9138	0.07565	3.91277	2.2E+08
17.53361	17.69999	17.49999	12.60182	12.66255	12.52401	1.67312	1.8	1.5	3.99716	0	3.99638	2.2E+08
17.53361	17.69999	17.49999	12.60182	12.66255	12.52401	1.67312	1.8	1.5	4.08052	0.06928	4.07944	2.2E+08
17.30589	17.39999	17.19999	12.69391	12.8288	12.55172	1.88738	2	1.7	4.16387	0	4.16305	2.2E+08
17.30589	17.39999	17.19999	12.69391	12.8288	12.55172	1.88738	2	1.7	4.24722	0	4.24611	2.2E+08
17.18001	17.39999	17.09999	12.67912	12.80109	12.57943	1.90317	2.1	1.7	4.33058	0.03464	4.32972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
17.14742	17.39999	17.09999	12.68251	12.80109	12.55172	1.92897	2.1	1.7	4.41396	0.0205	4.41305	2.2E+08
17.14742	17.39999	17.09999	12.68251	12.80109	12.55172	1.92897	2.1	1.7	4.49733	0.0205	4.49611	2.2E+08
17.11007	17.19999	16.99999	12.83139	12.93963	12.69026	1.81477	2	1.7	4.58069	0	4.57972	2.2E+08
17.11007	17.19999	16.99999	12.83139	12.93963	12.69026	1.81477	2	1.7	4.66405	0.03461	4.66277	2.2E+08
17.09327	17.09999	16.99999	12.86885	12.96734	12.77338	1.83028	2	1.7	4.7474	0	4.74611	2.2E+08
17.13368	17.19999	16.99999	12.80221	12.96734	12.66255	1.73702	1.8	1.6	4.83076	0.01409	4.82972	2.2E+08
17.13368	17.19999	16.99999	12.80221	12.96734	12.66255	1.73702	1.8	1.6	4.91413	0.00143	4.91277	2.2E+08
17.20334	17.39999	17.09999	12.80054	12.88422	12.66255	1.63027	1.8	1.4	4.9975	0.04878	4.99638	2.2E+08
17.20334	17.39999	17.09999	12.80054	12.88422	12.66255	1.63027	1.8	1.4	5.08085	0.03465	5.07944	2.2E+08
17.23697	17.39999	17.09999	12.83191	12.91192	12.74568	1.55628	1.7	1.4	5.1642	0	5.16277	2.2E+08
17.19326	17.39999	17.09999	12.88421	12.96734	12.77338	1.56975	1.7	1.3	5.24757	0.00635	5.24638	2.2E+08
17.30078	17.39999	17.09999	12.72601	12.91192	12.57943	1.44206	1.7	1.3	5.33095	0.0346	5.32944	2.2E+08
17.21444	17.39999	17.09999	12.74068	12.80109	12.57943	1.50809	1.7	1.3	5.41431	0	5.41277	2.2E+08
17.14373	17.19999	17.09999	12.7326	12.8288	12.63484	1.57881	1.7	1.5	5.49768	0.06925	5.49638	2.2E+08
17.14373	17.19999	17.09999	12.7326	12.8288	12.63484	1.57881	1.7	1.5	5.58103	0.08331	5.57944	2.2E+08
17.08636	17.09999	16.89999	12.78102	12.88422	12.69026	1.63045	1.8	1.6	5.66438	0.03459	5.66277	2.2E+08
16.94034	17.09999	16.89999	12.84763	12.96734	12.74568	1.76303	1.9	1.6	5.74773	0.0346	5.74611	2.2E+08
16.86727	16.89999	16.8	12.84717	12.96734	12.71797	1.81927	1.9	1.7	5.83108	0.01405	5.82972	2.2E+08
16.86727	16.89999	16.8	12.84717	12.96734	12.71797	1.81927	1.9	1.7	5.91444	0.04865	5.91277	2.2E+08
16.83701	16.89999	16.8	12.842	12.93963	12.69026	1.83268	1.9	1.7	5.99781	0	5.99611	2.2E+08
16.80671	16.89999	16.59999	12.88003	12.96734	12.80109	1.8427	2	1.7	6.08118	0.03457	6.07944	2.2E+08
16.80336	16.89999	16.8	12.86495	12.96734	12.71797	1.80672	1.9	1.8	6.16453	0	6.16277	2.2E+08
16.78992	16.89999	16.59999	12.92089	12.99505	12.85651	1.80336	2	1.7	6.24791	0.06917	6.24638	2.2E+08
16.78992	16.89999	16.59999	12.92089	12.99505	12.85651	1.80336	2	1.7	6.33128	0.00781	6.32944	2.2E+08
16.80673	16.89999	16.8	12.90637	12.96734	12.80109	1.7393	1.8	1.5	6.41466	0.10366	6.41277	2.2E+08
16.77618	16.8	16.49999	12.90075	12.99505	12.80109	1.77766	2.1	1.5	6.49803	0.03453	6.49638	2.2E+08
16.64715	16.8	16.49999	12.90523	12.99505	12.85651	1.88653	2.1	1.5	6.58141	0.03457	6.57944	2.2E+08
16.72243	16.8	16.49999	12.90187	12.99505	12.80109	1.68854	2	1.5	6.66478	0.04856	6.66305	2.2E+08
16.72243	16.8	16.49999	12.90187	12.99505	12.80109	1.68854	2	1.5	6.74816	0.04108	6.74611	2.2E+08
16.7227	16.8	16.49999	12.94658	13.07817	12.85651	1.60081	2	1.5	6.83154	0	6.82972	2.2E+08
16.7227	16.8	16.49999	12.94658	13.07817	12.85651	1.60081	2	1.5	6.9149	0.05512	6.91277	2.2E+08
16.86738	16.89999	16.8	12.91195	13.02276	12.8288	1.44605	1.7	1.3	6.99826	0	6.99611	2.2E+08
16.86964	16.89999	16.8	12.88813	12.93963	12.80109	1.40682	1.5	1.3	7.08162	0.05513	7.07972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.86964	16.89999	16.8	12.88813	12.93963	12.80109	1.40682	1.5	1.3	7.16499	0.03455	7.16277	2.2E+08
16.63153	16.8	16.49999	12.92084	12.99505	12.8288	1.63819	1.8	1.4	7.24838	0	7.24611	2.2E+08
16.55078	16.8	16.49999	12.91609	12.99505	12.8288	1.70217	1.8	1.4	7.33174	0	7.32972	2.2E+08
16.4629	16.49999	16.39999	12.915	12.96734	12.8288	1.76974	1.9	1.7	7.4151	0.01397	7.41305	2.2E+08
16.41346	16.49999	16.39999	12.98099	13.07817	12.88422	1.79998	1.9	1.7	7.49845	0	7.49638	2.2E+08
16.41346	16.49999	16.39999	12.98099	13.07817	12.88422	1.79998	1.9	1.7	7.5818	0	7.57944	2.2E+08
16.37984	16.49999	16.3	12.98416	13.07817	12.88422	1.83024	2	1.7	7.66515	0.04851	7.66305	2.2E+08
16.37984	16.49999	16.3	12.98416	13.07817	12.88422	1.83024	2	1.7	7.74851	0.01396	7.74611	2.2E+08
16.37981	16.39999	16.3	12.9614	13.07817	12.88422	1.81682	1.9	1.7	7.83187	0	7.82944	2.2E+08
16.36626	16.39999	16.3	12.96629	13.07817	12.88422	1.79	1.9	1.6	7.91522	0.01396	7.91277	2.2E+08
16.38757	16.49999	16.3	12.95071	13.10588	12.8288	1.76198	1.9	1.6	7.99858	0	7.99611	2.2E+08
16.40671	16.49999	16.3	12.91194	12.99505	12.8288	1.7056	1.8	1.6	8.08193	0	8.07944	2.2E+08
16.39664	16.39999	16.3	12.92764	13.02276	12.8288	1.65715	1.8	1.6	8.16528	0.05511	8.16277	2.2E+08
16.44717	16.49999	16.39999	13.02112	13.10588	12.91192	1.57307	1.8	1.5	8.24869	0	8.24638	2.2E+08
16.44717	16.49999	16.39999	13.02112	13.10588	12.91192	1.57307	1.8	1.5	8.33212	0	8.32944	2.2E+08
16.49663	16.49999	16.39999	13.02716	13.10588	12.91192	1.5158	1.6	1.4	8.41556	0	8.41277	2.2E+08
16.51342	16.59999	16.39999	13.04937	13.13359	12.96734	1.48896	1.6	1.4	8.49905	0.01399	8.49638	2.2E+08
16.56386	16.8	16.49999	13.06299	13.1613	12.96734	1.43614	1.6	1.2	8.58254	0.03455	8.57972	2.2E+08
16.56386	16.8	16.49999	13.06299	13.1613	12.96734	1.43614	1.6	1.2	8.66599	0.02056	8.66277	2.2E+08
16.50336	16.59999	16.49999	13.04798	13.10588	12.96734	1.47981	1.5	1.4	8.74944	0.01398	8.74638	2.2E+08
16.61113	16.8	16.49999	13.02354	13.10588	12.91192	1.38212	1.5	1.1	8.83288	0	8.82972	2.2E+08
16.61113	16.8	16.49999	13.02354	13.10588	12.91192	1.38212	1.5	1.1	8.91631	0.06917	8.91277	2.2E+08
16.66741	16.8	16.49999	13.02226	13.10588	12.88422	1.32586	1.5	1.1	8.99975	0.03457	8.99611	2.2E+08
16.70563	16.8	16.49999	13.00966	13.10588	12.91192	1.27419	1.5	1.1	9.08319	0.04108	9.07944	2.2E+08
16.73811	16.8	16.49999	12.9936	13.07817	12.91192	1.26523	1.5	1.2	9.16662	0.0065	9.16277	2.2E+08
16.64171	16.8	16.49999	13.02452	13.13359	12.91192	1.3808	1.5	1.2	9.25004	0.04108	9.24638	2.2E+08
16.59983	16.8	16.49999	12.99449	13.07817	12.91192	1.42368	1.7	1.2	9.33347	0.03455	9.32972	2.2E+08
16.59983	16.8	16.49999	12.99449	13.07817	12.91192	1.42368	1.7	1.2	9.41693	0.02056	9.41277	2.2E+08
16.45617	16.49999	16.39999	13.00656	13.07817	12.93963	1.58083	1.7	1.5	9.50037	0.01399	9.49611	2.2E+08
16.41345	16.49999	16.3	13.06246	13.13359	12.99505	1.61141	1.8	1.5	9.58382	0.01396	9.57972	2.2E+08
16.41345	16.49999	16.3	13.06246	13.13359	12.99505	1.61141	1.8	1.5	9.66727	0.04853	9.66277	2.2E+08
16.40904	16.49999	16.3	13.06001	13.13359	12.96734	1.62124	1.8	1.5	9.75072	0.01396	9.74638	2.2E+08
16.40904	16.49999	16.3	13.06001	13.13359	12.96734	1.62124	1.8	1.5	9.83417	0	9.82944	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.26857	16.39999	16.19999	13.07116	13.1613	12.99505	1.73478	1.8	1.6	9.91761	0	9.91277	2.2E+08
16.10089	16.19999	15.99999	13.06223	13.13359	12.99505	1.88129	2.1	1.7	10.00106	0.03447	9.99638	2.2E+08
16.10089	16.19999	15.99999	13.06223	13.13359	12.99505	1.88129	2.1	1.7	10.08448	0	10.07944	2.2E+08
16.04035	16.19999	15.99999	13.08698	13.189	12.99505	1.92252	2	1.7	10.16793	0.03447	10.16277	2.2E+08
16.08747	16.19999	15.99999	13.14708	13.24442	13.02276	1.84851	2	1.7	10.25137	0.10348	10.24638	2.2E+08
16.08747	16.19999	15.99999	13.14708	13.24442	13.02276	1.84851	2	1.7	10.33482	0	10.32944	2.2E+08
16.15498	16.19999	15.99999	13.08564	13.24442	12.99505	1.75511	2	1.7	10.4183	0.02057	10.41277	2.2E+08
16.21344	16.3	15.99999	13.1082	13.24442	12.99505	1.67289	1.9	1.4	10.50178	0.02057	10.49638	2.2E+08
16.21344	16.3	15.99999	13.1082	13.24442	12.99505	1.67289	1.9	1.4	10.58526	0.01396	10.57944	2.2E+08
16.37646	16.49999	16.3	13.15109	13.27213	12.99505	1.51007	1.6	1.3	10.66873	0.02057	10.66305	2.2E+08
16.37646	16.49999	16.3	13.15109	13.27213	12.99505	1.51007	1.6	1.3	10.75222	0	10.74611	2.2E+08
16.46737	16.49999	16.39999	13.14571	13.27213	12.99505	1.42592	1.5	1.3	10.8357	0	10.82944	2.2E+08
16.57745	16.8	16.49999	13.19826	13.35525	13.05046	1.35966	1.6	1.1	10.91916	0.06128	10.91305	2.2E+08
16.58977	16.8	16.49999	13.28764	13.43838	13.13359	1.42034	1.6	1.1	11.00263	0.03459	10.99611	2.2E+08
16.56082	16.8	16.49999	13.27274	13.41067	13.1613	1.52689	1.7	1.2	11.08606	0.02054	11.07944	2.2E+08
16.84954	16.89999	16.8	13.23122	13.29984	13.1613	1.45379	1.7	1.4	11.1695	0	11.16305	2.2E+08
16.84954	16.89999	16.8	13.23122	13.29984	13.1613	1.45379	1.7	1.4	11.25296	0	11.24611	2.2E+08
16.86291	16.89999	16.8	13.25338	13.35525	13.13359	1.6896	1.8	1.4	11.33638	0	11.32944	2.2E+08
16.84723	16.89999	16.8	13.28886	13.38296	13.21671	1.79328	1.9	1.7	11.41982	0	11.41277	2.2E+08
16.93361	17.09999	16.89999	13.33086	13.46609	13.189	1.93035	2.2	1.8	11.50329	0.05512	11.49638	2.2E+08
16.93361	17.09999	16.89999	13.33086	13.46609	13.189	1.93035	2.2	1.8	11.58672	0	11.57944	2.2E+08
16.95382	17.09999	16.89999	13.35922	13.43838	13.21671	2.01373	2.3	1.8	11.67017	0.02053	11.66277	2.2E+08
16.86633	16.99999	16.8	13.39048	13.46609	13.29984	2.24729	2.4	2	11.75365	0.02053	11.74611	2.2E+08
16.79541	16.89999	16.59999	13.40586	13.5215	13.32754	2.42475	2.7	2.3	11.83713	0.01405	11.82944	2.2E+08
16.80336	16.89999	16.8	13.40926	13.46609	13.32754	2.61336	2.7	2.5	11.92058	0	11.91305	2.2E+08
16.80336	16.89999	16.8	13.40926	13.46609	13.32754	2.61336	2.7	2.5	12.00401	0.06919	11.99611	2.2E+08
16.78654	16.89999	16.49999	13.414	13.49379	13.32754	2.68184	3	2.5	12.08748	0.0143	12.07944	2.2E+08
16.7731	16.8	16.59999	13.40709	13.46609	13.32754	2.71681	3	2.6	12.17095	0.03459	12.16277	2.2E+08
16.75941	16.89999	16.49999	13.42411	13.5215	13.35525	2.77422	3	2.6	12.25439	0.00649	12.24611	2.2E+08
16.66384	16.8	16.49999	13.41735	13.49379	13.35525	2.89693	3.2	2.7	12.33785	0	12.32944	2.2E+08
16.71126	16.89999	16.49999	13.41259	13.49379	13.32754	2.88755	3.1	2.6	12.42132	0	12.41277	2.2E+08
16.80687	16.89999	16.59999	13.34771	13.43838	13.24442	2.7606	2.9	2.6	12.50477	0	12.49638	2.2E+08
16.89328	16.89999	16.8	13.30819	13.41067	13.21671	2.73923	2.9	2.6	12.58821	0	12.57944	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
16.96062	17.09999	16.89999	13.32726	13.49379	13.21671	2.72256	2.9	2.5	12.67169	0.04105	12.66305	2.2E+08
16.96062	17.09999	16.89999	13.32726	13.49379	13.21671	2.72256	2.9	2.5	12.75517	0	12.74611	2.2E+08
16.90671	16.99999	16.8	13.3639	13.46609	13.24442	2.8	2.9	2.6	12.83866	0.02053	12.82972	2.2E+08
16.90671	16.99999	16.8	13.3639	13.46609	13.24442	2.8	2.9	2.6	12.92214	0.03461	12.91277	2.2E+08
16.93038	17.09999	16.89999	13.2827	13.43838	13.189	2.79648	3	2.6	13.00562	0.01408	12.99611	2.2E+08
16.98299	17.09999	16.89999	13.25256	13.35525	13.189	2.7474	2.9	2.6	13.0891	0	13.07944	2.2E+08
16.91009	16.99999	16.8	13.30326	13.41067	13.21671	2.84617	3	2.7	13.17257	0.0346	13.16277	2.2E+08
17.09764	17.19999	16.99999	13.25281	13.32754	13.1613	2.69563	2.8	2.6	13.256	0	13.24638	2.2E+08
17.09764	17.19999	16.99999	13.25281	13.32754	13.1613	2.69563	2.8	2.6	13.33944	0	13.32944	2.2E+08
16.98318	17.09999	16.89999	13.25165	13.32754	13.189	2.80102	3	2.7	13.42289	0	13.41305	2.2E+08
16.98318	17.09999	16.89999	13.25165	13.32754	13.189	2.80102	3	2.7	13.50635	0.03458	13.49611	2.2E+08
16.93375	17.09999	16.89999	13.26959	13.35525	13.189	2.8772	3	2.7	13.5898	0.02053	13.57972	2.2E+08
16.93375	17.09999	16.89999	13.26959	13.35525	13.189	2.8772	3	2.7	13.67326	0.02053	13.66277	2.2E+08
16.92949	17.09999	16.89999	13.33996	13.46609	13.189	2.86133	3	2.6	13.75669	0.05512	13.74611	2.2E+08
16.92252	16.99999	16.89999	13.26508	13.35525	13.189	2.83464	2.9	2.7	13.84011	0	13.82972	2.2E+08
16.92252	16.99999	16.89999	13.26508	13.35525	13.189	2.83464	2.9	2.7	13.92356	0	13.91277	2.2E+08
16.86639	16.89999	16.8	13.33812	13.46609	13.189	2.85374	2.9	2.6	14.007	0	13.99638	2.2E+08
16.82925	16.89999	16.8	13.31296	13.41067	13.21671	2.85056	2.9	2.6	14.09043	0.03459	14.07972	2.2E+08
16.82925	16.89999	16.8	13.31296	13.41067	13.21671	2.85056	2.9	2.6	14.17385	0.10372	14.16277	2.2E+08
16.71526	16.8	16.49999	13.30163	13.46609	13.189	2.8993	3.2	2.7	14.2573	0.03457	14.24638	2.2E+08
16.73248	16.8	16.49999	13.3202	13.46609	13.21671	2.87333	3.2	2.7	14.34076	0.0065	14.32972	2.2E+08
16.73248	16.8	16.49999	13.3202	13.46609	13.21671	2.87333	3.2	2.7	14.42418	0.02056	14.41277	2.2E+08
16.56083	16.8	16.49999	13.33457	13.46609	13.189	2.97078	3.2	2.7	14.50761	0	14.49611	2.2E+08
16.58087	16.8	16.49999	13.27235	13.38296	13.21671	2.8551	3	2.5	14.59106	0.02056	14.57972	2.2E+08
16.58087	16.8	16.49999	13.27235	13.38296	13.21671	2.8551	2.9	2.5	14.67447	0.00748	14.66305	2.2E+08
16.69109	16.8	16.49999	13.30443	13.43838	13.189	2.67182	2.9	2.5	14.75789	0	14.74611	2.2E+08
16.8203	16.89999	16.8	13.25571	13.32754	13.189	2.47633	2.5	2.3	14.8413	0	14.82972	2.2E+08
16.8203	16.89999	16.8	13.25571	13.32754	13.189	2.47633	2.5	2.3	14.92472	0	14.91277	2.2E+08
16.87632	16.89999	16.8	13.26518	13.35525	13.189	2.41695	2.5	2.3	15.00816	0	14.99611	2.2E+08
16.94159	17.09999	16.8	13.27792	13.38296	13.189	2.34833	2.5	2.2	15.0916	0	15.07944	2.2E+08
17.51004	17.69999	17.09999	13.24181	13.32754	13.1613	1.83721	2.2	1.6	15.17506	0.06937	15.16305	2.2E+08
17.51004	17.69999	17.09999	13.24181	13.32754	13.1613	1.83721	2.2	1.6	15.2585	0.03469	15.24611	2.2E+08
18.16709	18.39999	17.8	13.1386	13.24442	13.02276	1.44081	1.7	1.2	15.34194	0.0552	15.32972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.16709	18.39999	17.8	13.1386	13.24442	13.02276	1.44081	1.7	1.2	15.42534	0.01437	15.41277	2.2E+08
18.57181	18.69999	18.39999	13.10751	13.27213	12.99505	1.29223	1.5	1.1	15.50879	0.03488	15.49611	2.2E+08
19.42736	19.8	19.3	13.00594	13.189	12.88422	1.0109	1.2	0.7	15.5922	0.00883	15.57972	2.2E+08
19.42736	19.8	19.3	13.00594	13.189	12.88422	1.0109	1.2	0.7	15.67561	0	15.66277	2.2E+08
19.60132	19.89999	19.39999	13.01976	13.1613	12.88422	1.18413	1.5	0.8	15.75905	0	15.74611	2.2E+08
19.61008	19.8	19.39999	13.06233	13.1613	12.91192	1.54167	1.9	1.2	15.84249	0.03495	15.82944	2.2E+08
19.92349	20.09999	19.59999	13.01474	13.1613	12.91192	1.57542	1.7	1.4	15.92595	0	15.91277	2.2E+08
19.57111	20.09999	19.19999	13.02649	13.13359	12.93963	2.57145	3	1.8	16.00938	0.01452	15.99638	2.2E+08
19.57111	20.09999	19.19999	13.02649	13.13359	12.93963	2.57145	3.4	3	16.09283	0.04075	16.07944	2.2E+08
19.18196	19.3	18.99999	12.9519	13.07817	12.85651	3.13162	3.4	3	16.1763	0	16.16277	2.2E+08
19.0977	19.3	18.89999	12.92305	13.02276	12.8288	3.15411	3.3	2.9	16.25973	0.01443	16.24639	2.2E+08
19.08209	19.3	18.89999	12.92231	12.99505	12.80109	3.11443	3.3	2.9	16.34317	0.0348	16.32944	2.2E+08
18.59751	18.89999	18.3	12.9281	13.02276	12.77338	3.28884	3.6	3	16.42649	0	16.41305	2.2E+08
18.59751	18.89999	18.3	12.9281	13.02276	12.77338	3.28884	3.6	3	16.50969	0	16.49611	2.2E+08
18.3168	18.39999	18.19999	12.92599	12.99505	12.8288	3.36188	3.5	3.2	16.5929	0	16.57944	2.2E+08
18.3741	18.39999	18.3	12.96204	13.02276	12.85651	2.96758	3.3	2.9	16.6761	0.03475	16.66305	2.2E+08
18.3741	18.39999	18.3	12.96204	13.02276	12.85651	2.96758	3.3	2.9	16.7593	0.0078	16.74611	2.2E+08
18.65604	18.89999	18.39999	12.91639	12.99505	12.77338	2.88346	3.2	2.6	16.84251	0.01439	16.82972	2.2E+08
18.65604	18.89999	18.39999	12.91639	12.99505	12.77338	2.88346	3.2	2.6	16.92571	0.0204	16.91277	2.2E+08
19.12795	19.3	18.89999	12.91084	13.02276	12.77338	2.49571	2.7	2.3	17.00891	0.03486	16.99639	2.2E+08
19.40584	19.8	19.19999	12.86085	12.96734	12.71797	2.2908	2.5	1.9	17.09212	0	17.07972	2.2E+08
19.40584	19.8	19.19999	12.86085	12.96734	12.71797	2.2908	2.5	1.9	17.17532	0.05525	17.16277	2.2E+08
19.86733	20.09999	19.8	12.77347	12.93963	12.66255	1.94392	2.1	1.7	17.25852	0.0078	17.24611	2.2E+08
20.20336	20.49999	19.8	12.74073	12.85651	12.63484	1.79749	2.1	1.4	17.34172	0.03506	17.32972	2.2E+08
20.68241	21.09999	20.39999	12.72103	12.85651	12.60714	1.57473	1.8	1.3	17.42493	0.02025	17.41277	2.2E+08
21.00204	21.19999	20.69999	12.82654	13.02276	12.60714	1.62721	2.2	1.3	17.50813	0.07022	17.49611	2.2E+08
21.26799	21.69999	20.8	12.97052	13.05046	12.88422	1.68692	2.1	1.3	17.59133	0	17.57944	2.2E+08
21.76876	22.3	21.3	13.01009	13.13359	12.88422	1.62212	2	1.2	17.67454	0	17.66277	2.2E+08
22.24942	22.39999	22.19999	13.07712	13.24442	12.93963	1.57657	1.9	1.2	17.75774	0.03501	17.74611	2.2E+08
21.31707	22.19999	20.49999	13.33862	13.5215	13.1613	2.93137	4.1	1.9	17.84094	0.03499	17.82944	2.2E+08
20.47763	20.69999	20.39999	13.37472	13.5215	13.24442	4.11666	4.3	3.8	17.92415	0.03279	17.91277	2.2E+08
20.18823	20.49999	19.89999	13.29498	13.41067	13.10588	4.31391	4.7	3.8	18.00735	0.04058	17.99611	2.2E+08
20.50486	20.8	20.19999	13.02046	13.1613	12.93963	3.67146	4	3.2	18.09055	0.02723	18.07972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
20.50486	20.8	20.19999	13.02046	13.1613	12.93963	3.67146	4	3.2	18.17376	0	18.16277	2.2E+08
20.47537	20.8	20.19999	13.00671	13.10588	12.91192	3.56717	3.9	3.3	18.25696	0.04059	18.24639	2.2E+08
20.47537	20.8	20.19999	13.00671	13.10588	12.91192	3.56717	3.9	3.3	18.34016	0	18.32944	2.2E+08
21.36944	21.69999	20.8	12.9819	13.07817	12.85651	2.67117	3.2	2.3	18.42336	0.01495	18.41305	2.2E+08
21.36944	21.69999	20.8	12.9819	13.07817	12.85651	2.67117	3.2	2.3	18.50657	0.09041	18.49611	2.2E+08
21.53468	21.89999	21.19999	13.01697	13.13359	12.93963	2.66547	3.1	2.3	18.58977	0	18.57944	2.2E+08
20.92183	21.19999	20.69999	13.08511	13.21671	12.93963	3.59395	3.9	3.3	18.67298	0.0701	18.66305	2.2E+08
21.24503	21.39999	21.09999	12.99841	13.07817	12.88422	3.15047	3.5	2.9	18.75618	0.0429	18.74639	2.2E+08
21.24503	21.39999	21.09999	12.99841	13.07817	12.88422	3.15047	3.5	2.9	18.83939	0.02025	18.82944	2.2E+08
21.32506	21.69999	20.8	13.00795	13.13359	12.91192	3.02229	3.5	2.6	18.92259	0.06313	18.91305	2.2E+08
21.32506	21.69999	20.8	13.00795	13.13359	12.91192	3.02229	3.5	2.6	19.0058	0	18.99611	2.2E+08
21.66372	22.19999	21.3	13.02943	13.189	12.93963	2.83975	3.1	2.5	19.08901	0.07824	19.07972	2.2E+08
21.88739	22.19999	21.69999	13.10231	13.24442	12.99505	2.81708	3.1	2.5	19.17222	0.05741	19.16277	2.2E+08
22.00072	22.49999	21.8	13.16471	13.29984	13.02276	3.02405	3.3	2.6	19.25543	0.07048	19.24639	2.2E+08
22.00072	22.49999	21.8	13.16471	13.29984	13.02276	3.02405	3.3	2.6	19.33863	0.03527	19.32944	2.2E+08
22.16386	22.59999	21.59999	13.31357	13.43838	13.1613	3.11933	3.7	2.7	19.42184	0.0856	19.41305	2.2E+08
22.49162	22.8	21.99999	13.33114	13.41067	13.24442	2.87913	3.4	2.5	19.50504	0.0554	19.49639	2.2E+08
22.49162	22.8	21.99999	13.33114	13.41067	13.24442	2.87913	3.4	2.5	19.58825	0.0301	19.57944	2.2E+08
22.38042	22.8	21.89999	13.3413	13.46609	13.27213	3.11049	3.5	2.7	19.67146	0.0353	19.66277	2.2E+08
22.6135	22.89999	22.3	13.30937	13.38296	13.189	2.98088	3.3	2.7	19.75467	0.0353	19.74611	2.2E+08
22.57405	22.99999	22.3	13.33424	13.41067	13.24442	3.12943	3.5	2.7	19.83787	0.10563	19.82944	2.2E+08
22.46806	22.89999	21.89999	13.3396	13.46609	13.21671	3.05682	3.7	2.6	19.92107	0.06271	19.91305	2.2E+08
22.46806	22.89999	21.89999	13.3396	13.46609	13.21671	3.05682	3.7	2.6	20.00428	0.01514	19.99611	2.2E+08
22.83704	23.09999	22.49999	13.45359	13.57692	13.35525	2.87302	3.2	2.6	20.08748	0.04802	20.07972	2.2E+08
22.83704	23.09999	22.49999	13.45359	13.57692	13.35525	2.87302	3.2	2.6	20.17068	0	20.16277	2.2E+08
23.02773	23.49999	22.49999	13.54685	13.68775	13.35525	2.88232	3.5	2.4	20.25389	0	20.24639	2.2E+08
23.02773	23.49999	22.49999	13.54685	13.68775	13.35525	2.88232	3.5	2.4	20.33709	0.01021	20.32944	2.2E+08
22.98764	23.39999	22.59999	13.52561	13.66004	13.32754	2.89555	3.3	2.5	20.4203	0.04017	20.41305	2.2E+08
22.98764	23.39999	22.59999	13.52561	13.66004	13.32754	2.89555	3	2.2	20.50351	0.07089	20.49639	2.2E+08
23.28207	23.8	22.89999	13.58462	13.68775	13.49379	2.64161	3	2.2	20.58671	0	20.57944	2.2E+08
22.97579	23.39999	22.8	13.65533	13.82629	13.57692	3.02083	3.2	2.6	20.66991	0.07064	20.66277	2.2E+08
22.87387	23.19999	22.39999	13.6723	13.74316	13.60463	3.20722	3.9	2.8	20.75312	0.09076	20.74611	2.2E+08
22.4669	22.89999	22.19999	13.67039	13.77087	13.60463	3.53326	4	3	20.83632	0	20.82944	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
22.48894	22.99999	22.19999	13.65896	13.77087	13.54921	3.38404	3.5	2.3	20.91952	0.06027	20.91305	2.2E+08
22.7992	23.39999	22.3	13.67119	13.77087	13.54921	2.92665	3.5	2.3	21.00273	0.01535	20.99611	2.2E+08
23.44683	23.59999	23.09999	13.65551	13.74316	13.57692	2.29699	2.6	2.1	21.08593	0.03548	21.07944	2.2E+08
24.25355	24.39999	23.99999	13.69351	13.82629	13.57692	1.70475	2	1.5	21.16913	0.0355	21.16305	2.2E+08
24.25355	24.39999	23.99999	13.69351	13.82629	13.57692	1.70475	2	1.5	21.25234	0.01226	21.24611	2.2E+08
23.57777	23.8	23.49999	14.00228	14.07566	13.90941	2.87717	3	2.7	21.33554	0.01538	21.32972	2.2E+08
23.4803	23.8	23.19999	13.99334	14.04795	13.90941	3.11736	3.4	2.7	21.41874	0.02007	21.41305	2.2E+08
23.66102	23.99999	23.39999	13.9858	14.04795	13.90941	2.94571	3.3	2.5	21.50195	0.0401	21.49639	2.2E+08
23.66102	23.99999	23.39999	13.9858	14.04795	13.90941	2.94571	3.3	2.5	21.58516	0	21.57944	2.2E+08
24.02982	24.3	23.69999	13.99337	14.07566	13.854	2.61064	3.7	3	21.66837	0.01054	21.66305	2.2E+08
23.444	23.69999	23.09999	13.98133	14.04795	13.90941	3.31616	3.5	3	21.75157	0.03542	21.74611	2.2E+08
23.17805	23.39999	22.99999	13.97305	14.10337	13.79858	3.31847	3.5	3	21.83477	0.03539	21.82944	2.2E+08
23.06246	23.49999	22.8	13.97716	14.07566	13.88171	3.21397	3.5	2.7	21.91797	0.07862	21.91305	2.2E+08
23.06246	23.49999	22.8	13.97716	14.07566	13.88171	3.21397	3.5	2.7	22.00118	0	21.99611	2.2E+08
23.52306	23.8	23.19999	13.99217	14.10337	13.854	2.70972	3.1	2.4	22.08438	0.01536	22.07944	2.2E+08
23.14325	23.49999	22.99999	14.02216	14.15879	13.88171	3.09953	3.3	2.6	22.16758	0	22.16277	2.2E+08
24.52356	24.8	24.19999	14.0115	14.07566	13.90941	1.87323	2.2	1.6	22.25079	0.01998	22.24639	2.2E+08
24.51101	24.69999	24.19999	14.05741	14.24191	13.93712	2.05635	2.5	1.8	22.33399	0	22.32972	2.2E+08
24.51101	24.69999	24.19999	14.05741	14.24191	13.93712	2.05635	2.5	1.8	22.41719	0.03554	22.41277	2.2E+08
23.97236	24.39999	23.59999	14.2312	14.32503	14.13108	3.11199	3.6	2.6	22.5004	0.04009	22.49639	2.2E+08
23.97236	24.39999	23.59999	14.2312	14.32503	14.13108	3.11199	3.6	2.6	22.5836	0.03545	22.57944	2.2E+08
23.5791	23.99999	23.19999	14.1708	14.32503	13.99253	3.52644	3.9	3.1	22.66681	0.05553	22.66277	2.2E+08
23.185	23.59999	22.39999	14.02024	14.15879	13.96483	3.46767	4.1	3.1	22.75001	0.01233	22.74639	2.2E+08
23.185	23.59999	22.39999	14.02024	14.15879	13.96483	3.46767	4.1	3.1	22.83322	0.00781	22.82944	2.2E+08
22.33945	22.49999	22.19999	13.97972	14.04795	13.88171	3.62374	3.9	3.4	22.91642	0	22.91305	2.2E+08
22.33945	22.49999	22.19999	13.97972	14.04795	13.88171	3.62374	3.9	3.4	22.99963	0.07048	22.99611	2.2E+08
22.00235	22.39999	21.8	13.95869	14.04795	13.854	3.64146	4	3.3	23.08283	0	23.07944	2.2E+08
21.93474	22.19999	21.69999	13.86922	13.99253	13.74316	3.36411	3.8	3.1	23.16603	0.06063	23.16277	2.2E+08
21.8915	22.3	21.39999	13.91481	14.02024	13.74316	3.2377	3.7	2.9	23.24924	0.04034	23.24611	2.2E+08
21.72062	22.19999	21.3	13.93147	14.07566	13.79858	3.15368	3.2	2.6	23.33244	0	23.32972	2.2E+08
22.05136	22.3	21.69999	13.94698	14.07566	13.77087	2.82612	3.2	2.6	23.41565	0.0353	23.41277	2.2E+08
22.24206	22.8	21.69999	13.99962	14.07566	13.90941	2.66131	3.2	2	23.49885	0.04309	23.49611	2.2E+08
22.07137	22.3	21.8	14.07047	14.18649	13.96483	3.06571	3.5	2.7	23.58205	0.07051	23.57972	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
22.07137	22.3	21.8	14.07047	14.18649	13.96483	3.06571	3.5	2.7	23.66526	0	23.66277	2.2E+08
21.96709	22.19999	21.8	14.00172	14.13108	13.90941	2.93626	3.2	2.7	23.74846	0.03526	23.74639	2.2E+08
21.96709	22.19999	21.8	14.00172	14.13108	13.90941	2.93626	3.3	2.9	23.83167	0	23.82944	2.2E+08
21.78303	21.99999	21.59999	14.00786	14.13108	13.90941	3.11346	3.1	2.3	23.91487	0.09084	23.91277	2.2E+08
22.18195	22.49999	21.69999	13.93823	14.04795	13.74316	2.60796	3.1	2.3	23.99807	0.07076	23.99611	2.2E+08
22.54094	22.89999	22.39999	13.9201	14.02024	13.79858	2.2624	2.5	1.9	24.00286	0	24.00027	2.2E+08
22.60087	22.89999	22.39999	0.5948	13.99253	0	2.25024	3.4	2.4	24.00286	0	24.00027	2.2E+08
22.04274	22.49999	21.69999	0	0	0	2.90432	3.4	2.4	24.00286	0	24.00027	2.2E+08
21.56392	21.8	21.3	0	0	0	3.31238	3.6	3	24.00286	0	24.00027	2.2E+08
21.21229	21.39999	21.09999	0	0	0	3.3886	3.6	3.1	24.00286	0	24.00027	2.2E+08
20.8538	21.09999	20.69999	0	0	0	3.15076	3.4	2.8	24.00286	0	24.00027	2.2E+08
20.8538	21.09999	20.69999	0	0	0	3.15076	3.4	2.8	24.00286	0	24.00027	2.2E+08
20.70541	21.09999	20.49999	0	0	0	3.18082	3.4	2.8	24.00286	0	24.00027	2.2E+08
20.49999	20.59999	20.39999	0	0	0	3.07853	3.3	2.9	24.00286	0	24.00027	2.2E+08
20.18627	20.49999	19.8	0	0	0	3.22702	3.5	2.9	24.00286	0	24.00027	2.2E+08
19.7563	19.89999	19.59999	0	0	0	3.29096	3.5	3.1	24.00286	0	24.00027	2.2E+08
19.68212	19.89999	19.49999	0	0	0	2.88309	3.2	2.5	24.00286	0	24.00027	2.2E+08
20.01766	20.09999	19.89999	0	0	0	2.44521	2.6	2.3	24.00286	0	24.00027	2.2E+08
20.01766	20.09999	19.89999	0	0	0	2.44521	2.7	2.5	24.00286	0	24.00027	2.2E+08
19.82559	19.89999	19.59999	0	0	0	2.56417	2.7	2.5	24.00286	0	24.00027	2.2E+08
19.16944	19.3	18.99999	0	0	0	2.862	3.1	2.6	24.00286	0	24.00027	2.2E+08
19.16944	19.3	18.99999	0	0	0	2.862	3.1	2.6	24.00286	0	24.00027	2.2E+08
19.05379	19.19999	18.99999	0	0	0	2.84956	3	2.6	24.00286	0	24.00027	2.2E+08
18.88538	18.99999	18.8	0	0	0	2.84825	3	2.7	24.00286	0	24.00027	2.2E+08
18.7864	18.89999	18.69999	0	0	0	2.86301	3	2.7	24.00286	0	24.00027	2.2E+08
18.67983	18.69999	18.59999	0	0	0	2.89648	3	2.6	24.00286	0	24.00027	2.2E+08
18.61915	18.69999	18.39999	0	0	0	2.78639	3.1	2.6	24.00286	0	24.00027	2.2E+08
18.61915	18.69999	18.39999	0	0	0	2.78639	2.9	2.5	24.00286	0	24.00027	2.2E+08
18.53612	18.69999	18.39999	0	0	0	2.74019	2.8	2.4	24.00286	0	24.00027	2.2E+08
18.50247	18.69999	18.39999	0	0	0	2.6839	2.8	2.4	24.00286	0	24.00027	2.2E+08
18.40789	18.59999	18.3	0	0	0	2.63143	2.8	2.5	24.00286	0	24.00027	2.2E+08
18.32032	18.39999	18.19999	0	0	0	2.64591	2.8	2.5	24.00286	0	24.00027	2.2E+08
18.3168	18.39999	18.19999	0	0	0	2.3696	2.6	2.2	24.00286	0	24.00027	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
18.23933	18.39999	18.19999	0	0	0	2.36067	2.5	2.2	24.00286	0	24.00027	2.2E+08
18.23933	18.39999	18.19999	0	0	0	2.36067	2.5	2.2	24.00286	0	24.00027	2.2E+08
18.17968	18.3	18.09999	0	0	0	2.34604	2.5	2.2	24.00286	0	24.00027	2.2E+08
18.15057	18.19999	18.09999	0	0	0	2.26286	2.4	2.2	0.04456	0.05526	0.04555	2.2E+08
18.1545	18.19999	18.09999	6.64763	14.13108	0	2.18098	2.3	2.1	0.12796	0.03483	0.12888	2.2E+08
18.11008	18.19999	18.09999	13.65615	13.74316	13.43838	2.01466	2.2	1.8	0.21134	0	0.21222	2.2E+08
18.08319	18.09999	17.99999	13.81527	14.04795	13.66004	1.79314	1.9	1.7	0.29472	0	0.29583	2.2E+08
18.08319	18.09999	17.99999	13.81527	14.04795	13.66004	1.79314	1.9	1.7	0.37809	0.0061	0.37888	2.2E+08
18.01268	18.09999	17.8	14.01928	14.10337	13.90941	1.73693	1.9	1.4	0.46148	0	0.46222	2.2E+08
18.07314	18.09999	17.8	14.00628	14.07566	13.88171	1.63257	1.9	1.4	0.54485	0.06962	0.54555	2.2E+08
18.05251	18.19999	17.8	14.02616	14.10337	13.96483	1.54631	1.9	1.4	0.62823	0.06138	0.62916	2.2E+08
17.96183	18.09999	17.8	14.01615	14.10337	13.93712	1.58186	1.9	1.4	0.71159	0.06955	0.71222	2.2E+08
17.75276	17.8	17.69999	14.05998	14.18649	13.96483	1.72808	1.8	1.6	0.79497	0	0.79583	2.2E+08
17.75729	17.8	17.69999	14.0829	14.18649	14.02024	1.72591	1.9	1.5	0.87834	0.03477	0.87916	2.2E+08
17.75729	17.8	17.69999	14.0829	14.18649	14.02024	1.72591	1.9	1.5	0.96172	0.02047	0.96222	2.2E+08
17.77649	17.8	17.69999	14.12551	14.26961	14.02024	1.6764	1.8	1.5	1.04509	0.03477	1.04555	2.2E+08
17.77311	17.8	17.69999	14.15293	14.24191	14.04795	1.63578	1.8	1.5	1.12846	0.02047	1.12888	2.2E+08
17.74605	17.8	17.69999	14.13027	14.26961	14.02024	1.63158	1.8	1.5	1.21185	0.03475	1.21222	2.2E+08
17.69896	17.8	17.59999	14.18908	14.29732	14.04795	1.64471	1.7	1.5	1.29523	0.03477	1.29583	2.2E+08
17.69896	17.8	17.59999	14.18908	14.29732	14.04795	1.64471	1.7	1.5	1.37861	0	1.37888	2.2E+08
17.67984	17.69999	17.59999	14.19852	14.26961	14.10337	1.62351	1.8	1.5	1.46199	0	1.46222	2.2E+08
17.68992	17.69999	17.59999	14.20804	14.29732	14.15879	1.59982	1.7	1.5	1.54538	0	1.54583	2.2E+08
17.68992	17.69999	17.59999	14.20804	14.29732	14.15879	1.59982	1.8	1.5	1.62876	0.04097	1.62916	2.2E+08
17.67648	17.69999	17.49999	14.20887	14.29732	14.10337	1.5874	1.8	1.5	1.71215	0.01427	1.71222	2.2E+08
17.66405	17.69999	17.59999	14.21306	14.26961	14.15879	1.57527	1.7	1.5	1.79553	0.03475	1.79583	2.2E+08
17.62587	17.69999	17.49999	14.21112	14.26961	14.15879	1.59431	1.7	1.5	1.87892	0.02048	1.87916	2.2E+08
17.64036	17.69999	17.49999	14.20689	14.26961	14.13108	1.57643	1.8	1.5	1.9623	0.04742	1.9625	2.2E+08
17.55612	17.69999	17.49999	14.19856	14.29732	14.10337	1.65059	1.8	1.5	2.04566	0.03474	2.04583	2.2E+08
17.55612	17.69999	17.49999	14.19856	14.29732	14.10337	1.65059	1.8	1.5	2.12902	0	2.12888	2.2E+08
17.52486	17.69999	17.49999	14.20385	14.29732	14.07566	1.67513	1.8	1.5	2.21238	0.00781	2.2125	2.2E+08
17.52486	17.69999	17.49999	14.20385	14.29732	14.07566	1.67513	1.8	1.5	2.29578	0.03474	2.29555	2.2E+08
17.52015	17.59999	17.39999	14.13926	14.2142	14.04795	1.6664	1.8	1.3	2.37919	0.03471	2.37888	2.2E+08
17.50335	17.59999	17.49999	14.17399	14.24191	14.07566	1.65636	1.8	1.4	2.46259	0.03471	2.46222	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.49999	17.59999	17.39999	14.19154	14.29732	14.07566	1.62274	1.7	1.4	2.54596	0.03474	2.54555	2.2E+08
17.49091	17.49999	17.39999	14.12454	14.24191	14.02024	1.65157	1.8	1.4	2.62932	0	2.62916	2.2E+08
17.49091	17.49999	17.39999	14.12454	14.24191	14.02024	1.65157	1.8	1.4	2.71267	0	2.71222	2.2E+08
17.47635	17.49999	17.39999	14.09132	14.2142	14.02024	1.62257	1.8	1.4	2.79605	0.01422	2.79555	2.2E+08
17.42016	17.49999	17.39999	14.06528	14.15879	13.99253	1.64289	1.8	1.4	2.87947	0	2.87888	2.2E+08
17.39999	17.39999	17.39999	14.08754	14.24191	13.99253	1.61899	1.8	1.5	2.96287	0.00631	2.96222	2.2E+08
17.3597	17.39999	17.19999	14.07541	14.2142	13.99253	1.6045	1.9	1.4	3.04627	0.00631	3.04555	2.2E+08
17.31939	17.39999	17.19999	14.09525	14.2142	13.99253	1.60549	1.9	1.5	3.12965	0.01417	3.12888	2.2E+08
17.26182	17.39999	17.09999	14.16777	14.26961	14.07566	1.6651	1.9	1.5	3.21301	0	3.21222	2.2E+08
17.15612	17.39999	17.09999	14.19475	14.26961	14.10337	1.75394	1.9	1.5	3.29636	0	3.29555	2.2E+08
17.17747	17.39999	17.09999	14.11831	14.2142	14.02024	1.69208	1.8	1.4	3.37973	0.03469	3.37916	2.2E+08
17.27397	17.39999	17.09999	14.14967	14.24191	14.04795	1.55982	1.7	1.4	3.46311	0.02051	3.4625	2.2E+08
17.13948	17.19999	17.09999	14.19433	14.26961	14.07566	1.65953	1.8	1.5	3.54647	0.08988	3.54583	2.2E+08
17.13948	17.19999	17.09999	14.19433	14.26961	14.07566	1.65953	1.8	1.5	3.62986	0	3.62888	2.2E+08
17.25719	17.39999	17.09999	14.1157	14.24191	14.02024	1.49237	1.7	1.3	3.71322	0.0078	3.71222	2.2E+08
17.19662	17.39999	17.09999	14.13453	14.26961	14.04795	1.54268	1.7	1.3	3.7966	0.05521	3.79555	2.2E+08
17.13387	17.39999	17.09999	14.2227	14.29732	14.13108	1.56276	1.6	1.3	3.87997	0	3.87916	2.2E+08
17.13387	17.39999	17.09999	14.2227	14.29732	14.13108	1.56276	1.6	1.3	3.96333	0.03465	3.96222	2.2E+08
17.08976	17.19999	16.99999	14.22021	14.29732	14.10337	1.60335	1.7	1.5	4.04669	0.02052	4.04555	2.2E+08
16.98637	17.09999	16.89999	14.22254	14.29732	14.15879	1.68438	1.9	1.5	4.13005	0	4.12889	2.2E+08
16.91578	16.99999	16.89999	14.23321	14.32503	14.13108	1.73698	1.8	1.6	4.2134	0.02052	4.2125	2.2E+08
16.91578	16.99999	16.89999	14.23321	14.32503	14.13108	1.73698	1.8	1.6	4.29675	0.02054	4.29555	2.2E+08
16.85613	16.89999	16.8	14.28447	14.38045	14.15879	1.75059	1.9	1.7	4.3801	0.03465	4.37916	2.2E+08
16.81006	16.89999	16.59999	14.24829	14.35274	14.15879	1.79648	2	1.7	4.46346	0.06929	4.4625	2.2E+08
16.79662	16.89999	16.59999	14.22562	14.32503	14.15879	1.80101	2	1.7	4.54681	0	4.54583	2.2E+08
16.83359	16.89999	16.8	14.21997	14.29732	14.13108	1.73593	1.8	1.5	4.63016	0.02053	4.62916	2.2E+08
16.83359	16.89999	16.8	14.21997	14.29732	14.13108	1.73593	1.8	1.5	4.71351	0.02816	4.71222	2.2E+08
16.547	16.8	16.49999	14.33563	14.43586	14.2142	1.96272	2.1	1.5	4.79687	0	4.79583	2.2E+08
16.547	16.8	16.49999	14.33563	14.43586	14.2142	1.96272	2.1	1.5	4.88022	0.00781	4.87889	2.2E+08
16.50335	16.59999	16.49999	14.31833	14.43586	14.18649	1.9281	2.1	1.8	4.96357	0	4.96222	2.2E+08
16.49327	16.59999	16.39999	14.33609	14.43586	14.2142	1.92907	2.1	1.8	5.04692	0.03459	5.04555	2.2E+08
16.48655	16.49999	16.39999	14.30546	14.40816	14.15879	1.85378	2.1	1.8	5.13027	0	5.12916	2.2E+08
16.48655	16.49999	16.39999	14.30546	14.40816	14.15879	1.85378	2.1	1.8	5.21362	0	5.21222	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
16.47981	16.49999	16.39999	14.34635	14.49128	14.2142	1.84034	2.1	1.8	5.297	0.04863	5.29555	2.2E+08
16.42267	16.49999	16.39999	14.33346	14.43586	14.2142	1.88404	2.1	1.8	5.38036	0.02056	5.37889	2.2E+08
16.39898	16.49999	16.3	14.38989	14.51899	14.24191	1.8943	2	1.7	5.46374	0.03457	5.46222	2.2E+08
16.41678	16.49999	16.39999	14.42664	14.57441	14.29732	1.84287	1.9	1.7	5.54711	0	5.54583	2.2E+08
16.41678	16.49999	16.39999	14.42664	14.57441	14.29732	1.84287	1.9	1.7	5.63048	0.03459	5.62889	2.2E+08
16.42351	16.49999	16.39999	14.36908	14.51899	14.24191	1.86302	1.9	1.7	5.71383	0.01403	5.71222	2.2E+08
16.44367	16.49999	16.39999	14.42342	14.5467	14.32503	1.82945	1.9	1.7	5.79719	0.01403	5.79555	2.2E+08
16.42685	16.49999	16.39999	14.41757	14.5467	14.29732	1.86305	1.9	1.8	5.88055	0.01402	5.87889	2.2E+08
16.43042	16.49999	16.39999	14.4355	14.5467	14.32503	1.88633	2.2	1.8	5.96391	0.01402	5.9625	2.2E+08
16.43042	16.49999	16.39999	14.4355	14.5467	14.32503	1.88633	2.2	1.8	6.04726	0.03458	6.04583	2.2E+08
16.39897	16.49999	16.3	14.42491	14.5467	14.32503	1.95149	2.2	1.8	6.13061	0.02675	6.12889	2.2E+08
16.39328	16.39999	16.3	14.40938	14.51899	14.35274	2.00461	2.2	1.9	6.21398	0.03459	6.21222	2.2E+08
16.49998	16.59999	16.39999	14.40472	14.57441	14.29732	1.9922	2.2	1.8	6.29733	0	6.29583	2.2E+08
16.49998	16.59999	16.39999	14.40472	14.57441	14.29732	1.9922	2.2	1.8	6.38068	0	6.37889	2.2E+08
16.51027	16.8	16.39999	14.38698	14.49128	14.2142	2.03361	2.2	1.7	6.46405	0	6.46222	2.2E+08
16.728	16.8	16.49999	14.32968	14.46357	14.2142	1.86864	2.1	1.8	6.5474	0.05513	6.54555	2.2E+08
16.8976	17.09999	16.8	14.36611	14.49128	14.26961	1.74962	1.9	1.6	6.63076	0	6.62916	2.2E+08
16.96716	17.09999	16.89999	14.39634	14.5467	14.26961	1.7362	1.9	1.6	6.71411	0	6.71222	2.2E+08
16.95039	17.09999	16.89999	14.42549	14.51899	14.29732	1.84745	2	1.6	6.79746	0.06924	6.79555	2.2E+08
16.90338	16.99999	16.8	14.43429	14.57441	14.32503	1.98988	2.2	1.9	6.88081	0.04244	6.87889	2.2E+08
16.92366	17.09999	16.89999	14.49348	14.57441	14.38045	2.12789	2.3	2	6.96416	0.05513	6.96222	2.2E+08
16.73857	16.89999	16.49999	14.44877	14.57441	14.35274	2.47838	2.8	2.3	7.04751	0.01401	7.04583	2.2E+08
16.73857	16.89999	16.49999	14.44877	14.57441	14.35274	2.47838	2.8	2.3	7.13088	0	7.12889	2.2E+08
16.59795	16.8	16.49999	14.49014	14.60211	14.38045	2.69196	2.8	2.4	7.21425	0.0078	7.21222	2.2E+08
16.7214	16.8	16.49999	14.5065	14.62982	14.35274	2.62566	2.9	2.5	7.2976	0.03464	7.29555	2.2E+08
16.78995	16.89999	16.59999	14.5506	14.60211	14.46357	2.70433	3.1	2.5	7.38098	0.03464	7.37916	2.2E+08
16.78995	16.89999	16.59999	14.5506	14.60211	14.46357	2.70433	3.1	2.5	7.46434	0.02053	7.46222	2.2E+08
16.88083	16.99999	16.8	14.54745	14.65753	14.46357	2.64266	2.9	2.5	7.54769	0.00781	7.54555	2.2E+08
17.07277	17.19999	16.89999	14.56652	14.62982	14.49128	2.53975	2.8	2.4	7.63105	0.03463	7.62916	2.2E+08
17.07277	17.19999	16.89999	14.56652	14.62982	14.49128	2.53975	2.8	2.4	7.71442	0	7.71222	2.2E+08
16.94501	17.09999	16.8	14.56401	14.62982	14.49128	2.78862	3	2.6	7.79779	0.04105	7.79583	2.2E+08
16.94501	17.09999	16.8	14.56401	14.62982	14.49128	2.78862	3	2.6	7.88115	0.03465	7.87889	2.2E+08
16.99075	17.09999	16.89999	14.56863	14.65753	14.49128	2.79009	2.9	2.6	7.96451	0.02053	7.96222	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
16.88319	16.99999	16.8	14.63166	14.74065	14.5467	2.92018	3.1	2.8	8.04787	0.01271	8.04555	2.2E+08
16.99007	17.09999	16.89999	14.63086	14.79607	14.51899	2.87631	3	2.7	8.13123	0	8.12916	2.2E+08
16.783	17.09999	16.49999	14.68123	14.76836	14.5467	3.09311	3.4	2.8	8.21461	0.02055	8.2125	2.2E+08
16.783	17.09999	16.49999	14.68123	14.76836	14.5467	3.09311	3.4	2.8	8.29806	0.06917	8.29555	2.2E+08
16.51345	16.59999	16.39999	14.67087	14.79607	14.5467	3.28064	3.4	3.2	8.38154	0.08842	8.37889	2.2E+08
16.51006	16.8	16.49999	14.70074	14.82378	14.57441	3.16939	3.2	2.9	8.46499	0	8.46222	2.2E+08
16.80671	16.89999	16.59999	14.67295	14.76836	14.57441	2.75413	2.9	2.6	8.54844	0.03464	8.54583	2.2E+08
16.80671	16.89999	16.59999	14.67295	14.76836	14.57441	2.75413	2.9	2.6	8.63191	0.02054	8.62889	2.2E+08
16.89327	16.89999	16.8	14.63013	14.74065	14.51899	2.68731	2.9	2.6	8.71535	0	8.7125	2.2E+08
16.89327	16.89999	16.8	14.63013	14.74065	14.51899	2.68731	2.9	2.6	8.79882	0.03465	8.79555	2.2E+08
16.90671	17.09999	16.89999	14.63184	14.76836	14.51899	2.78992	2.9	2.6	8.88225	0.0693	8.87916	2.2E+08
16.90671	17.09999	16.89999	14.63184	14.76836	14.51899	2.78992	2.9	2.6	8.96568	0.04104	8.96222	2.2E+08
17.14053	17.19999	17.09999	14.61017	14.74065	14.49128	2.64285	2.8	2.5	9.04916	0	9.04583	2.2E+08
17.14053	17.19999	17.09999	14.61017	14.74065	14.49128	2.64285	2.8	2.5	9.13259	0.05516	9.12889	2.2E+08
17.12926	17.39999	17.09999	14.62526	14.76836	14.51899	2.76838	2.9	2.5	9.21602	0	9.2125	2.2E+08
17.12926	17.39999	17.09999	14.62526	14.76836	14.51899	2.76838	2.9	2.5	9.29944	0	9.29555	2.2E+08
17.08636	17.09999	16.99999	14.58638	14.65753	14.49128	2.81364	3	2.7	9.38284	0.05518	9.37889	2.2E+08
17.0437	17.09999	16.89999	14.61896	14.74065	14.51899	2.86974	3	2.8	9.46626	0	9.46222	2.2E+08
16.82585	16.89999	16.8	14.59953	14.74065	14.51899	3.08303	3.2	2.9	9.54971	0.03614	9.54583	2.2E+08
16.86405	16.89999	16.8	14.56551	14.65753	14.49128	2.96955	3.1	2.8	9.63316	0	9.62916	2.2E+08
16.86405	16.89999	16.8	14.56551	14.65753	14.49128	2.96955	3.1	2.8	9.71661	0	9.7125	2.2E+08
16.90335	16.99999	16.89999	14.58918	14.71294	14.49128	2.86283	3	2.7	9.80008	0	9.79583	2.2E+08
16.90335	16.99999	16.89999	14.58918	14.71294	14.49128	2.86283	3	2.7	9.88351	0.02191	9.87889	2.2E+08
16.96086	17.09999	16.89999	14.62844	14.76836	14.5467	2.78283	2.9	2.6	9.96692	0	9.9625	2.2E+08
16.96086	17.09999	16.89999	14.62844	14.76836	14.5467	2.78283	2.9	2.6	10.05035	0.12443	10.04555	2.2E+08
17.07414	17.09999	16.89999	14.67424	14.79607	14.5467	2.72586	2.9	2.6	10.1338	0.02684	10.12916	2.2E+08
17.07414	17.09999	16.89999	14.67424	14.79607	14.5467	2.72586	2.9	2.6	10.21722	0.041	10.21222	2.2E+08
17.18459	17.39999	17.09999	14.61837	14.71294	14.49128	2.63575	2.7	2.3	10.30065	0.06932	10.29555	2.2E+08
17.28873	17.39999	17.09999	14.64057	14.76836	14.51899	2.55397	2.7	2.3	10.38407	0.03467	10.37889	2.2E+08
17.16976	17.39999	17.09999	14.64751	14.79607	14.49128	2.70099	2.8	2.5	10.46748	0.04249	10.4625	2.2E+08
17.37276	17.39999	17.19999	14.66523	14.82378	14.5467	2.57095	2.7	2.5	10.55091	0.06937	10.54583	2.2E+08
17.37276	17.39999	17.19999	14.66523	14.82378	14.5467	2.57095	2.7	2.5	10.63434	0.02837	10.62889	2.2E+08
17.37984	17.39999	17.19999	14.66644	14.76836	14.5467	2.64285	2.9	2.6	10.71779	0.06933	10.7125	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.37984	17.39999	17.19999	14.66644	14.76836	14.5467	2.64285	2.9	2.6	10.80119	0.03467	10.79555	2.2E+08
17.35929	17.39999	17.19999	14.62475	14.76836	14.5467	2.81502	3.1	2.6	10.88455	0.02836	10.87916	2.2E+08
17.35929	17.39999	17.19999	14.62475	14.76836	14.5467	2.81502	3.1	2.6	10.96795	0.11033	10.96222	2.2E+08
17.28109	17.39999	17.09999	14.60914	14.71294	14.49128	3.01891	3.2	2.9	11.05141	0.03467	11.04555	2.2E+08
17.35973	17.39999	17.19999	14.58805	14.74065	14.51899	2.96065	3.1	2.8	11.13486	0	11.12889	2.2E+08
17.35629	17.49999	17.19999	14.5721	14.65753	14.49128	2.9662	3.1	2.8	11.21834	0.00781	11.21222	2.2E+08
17.32565	17.39999	17.19999	14.59917	14.71294	14.51899	3.04509	3.2	2.9	11.30179	0.06003	11.29583	2.2E+08
17.35162	17.39999	17.09999	14.64561	14.79607	14.51899	3.02482	3.3	2.9	11.38521	0.1197	11.37916	2.2E+08
17.35162	17.39999	17.09999	14.64561	14.79607	14.51899	3.02482	3.3	2.9	11.46862	0.041	11.46222	2.2E+08
17.35965	17.39999	17.19999	14.62399	14.74065	14.51899	2.99667	3.2	2.9	11.55205	0.02837	11.54555	2.2E+08
17.3156	17.39999	17.09999	14.64019	14.76836	14.5467	3.0069	3.2	2.9	11.63547	0.00633	11.62916	2.2E+08
17.3156	17.39999	17.09999	14.64019	14.76836	14.5467	3.0069	3.2	2.9	11.71891	0.02049	11.71222	2.2E+08
17.36173	17.49999	17.19999	14.64065	14.76836	14.51899	2.95508	3.1	2.8	11.80232	0.00781	11.79583	2.2E+08
17.38322	17.49999	17.19999	14.69705	14.85149	14.57441	2.92013	3.1	2.8	11.88575	0	11.87889	2.2E+08
17.41007	17.49999	17.39999	14.66807	14.76836	14.5467	2.90674	3	2.8	11.96918	0.0347	11.9625	2.2E+08
17.43714	17.49999	17.39999	14.705	14.82378	14.57441	2.88638	3	2.8	12.05259	0.0757	12.04555	2.2E+08
17.39666	17.49999	17.19999	14.72822	14.87919	14.62982	2.95728	3.1	2.9	12.13606	0.00781	12.12916	2.2E+08
17.39666	17.49999	17.19999	14.72822	14.87919	14.62982	2.95728	3.1	2.9	12.21951	0.0078	12.21222	2.2E+08
17.38321	17.49999	17.19999	14.63253	14.74065	14.51899	2.98656	3.2	2.8	12.30294	0.02836	12.29555	2.2E+08
17.2954	17.39999	17.09999	14.63152	14.76836	14.51899	3.06428	3.2	2.9	12.38637	0.08346	12.37889	2.2E+08
17.21341	17.39999	17.09999	14.62078	14.74065	14.49128	3.10237	3.2	2.9	12.46978	0.03463	12.4625	2.2E+08
17.21341	17.39999	17.09999	14.62078	14.74065	14.49128	3.10237	3.2	2.9	12.55325	0	12.54555	2.2E+08
17.28771	17.39999	17.19999	14.61372	14.76836	14.51899	2.98165	3.1	2.7	12.63671	0.03465	12.62889	2.2E+08
17.35296	17.39999	17.19999	14.62616	14.79607	14.51899	2.94233	3.1	2.7	12.72017	0.0615	12.71222	2.2E+08
17.46941	17.59999	17.19999	14.587	14.74065	14.46357	2.81714	3.1	2.6	12.80364	0.02048	12.79583	2.2E+08
17.46941	17.59999	17.19999	14.587	14.74065	14.46357	2.81714	3.1	2.6	12.88706	0.03468	12.87889	2.2E+08
17.41581	17.49999	17.19999	14.57838	14.68523	14.49128	2.88083	3.1	2.6	12.97047	0	12.96222	2.2E+08
17.37328	17.49999	17.19999	14.55584	14.62982	14.46357	2.96386	3.2	2.9	13.05389	0.09622	13.04583	2.2E+08
17.37328	17.49999	17.19999	14.55584	14.62982	14.46357	2.96386	3.2	2.9	13.13731	0.01424	13.12889	2.2E+08
17.67984	17.69999	17.49999	14.53058	14.62982	14.43586	2.72351	2.9	2.6	13.22072	0.06937	13.2125	2.2E+08
17.67984	17.69999	17.49999	14.53058	14.62982	14.43586	2.72351	2.9	2.6	13.30412	0.03467	13.29555	2.2E+08
17.59074	17.69999	17.49999	14.5514	14.62982	14.43586	2.9834	3.1	2.8	13.38754	0.03468	13.37916	2.2E+08
17.59074	17.69999	17.49999	14.5514	14.62982	14.43586	2.9834	3.1	2.8	13.47098	0.01418	13.46222	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.53713	17.69999	17.49999	14.51287	14.60211	14.38045	3.06618	3.2	2.9	13.5544	0.01267	13.54555	2.2E+08
17.63026	17.69999	17.49999	14.4553	14.5467	14.35274	2.96302	3.1	2.9	13.63784	0.02047	13.62916	2.2E+08
17.62372	17.69999	17.49999	14.4533	14.57441	14.35274	3.00317	3.1	2.9	13.72125	0.00781	13.71222	2.2E+08
17.65986	17.8	17.49999	14.48134	14.60211	14.35274	2.99052	3.2	2.8	13.80468	0	13.79555	2.2E+08
18.26048	18.39999	18.19999	14.40801	14.49128	14.32503	2.59786	2.8	2.4	13.88811	0	13.87916	2.2E+08
18.26048	18.39999	18.19999	14.40801	14.49128	14.32503	2.59786	2.8	2.5	13.97155	0.03475	13.9625	2.2E+08
18.30416	18.39999	18.19999	14.40488	14.49128	14.29732	2.61283	2.8	2.5	14.05495	0.05515	14.04555	2.2E+08
17.79825	18.09999	17.69999	14.39101	14.46357	14.29732	3.29181	3.4	3.1	14.13843	0.04092	14.12916	2.2E+08
17.79825	18.09999	17.69999	14.39101	14.46357	14.29732	3.29181	3.4	3.1	14.22184	0	14.21222	2.2E+08
18.01932	18.19999	17.8	14.37962	14.46357	14.29732	3.10636	3.4	2.9	14.30523	0.04738	14.29555	2.2E+08
18.09008	18.19999	17.8	14.3033	14.43586	14.18649	3.0807	3.4	2.9	14.38864	0.0065	14.37916	2.2E+08
18.27412	18.39999	18.19999	14.35733	14.46357	14.15879	2.92252	3.1	2.8	14.4721	0.02043	14.4625	2.2E+08
18.27412	18.39999	18.19999	14.35733	14.46357	14.15879	2.92252	3.1	2.8	14.55555	0.02216	14.54555	2.2E+08
18.63969	18.8	18.39999	14.32786	14.46357	14.18649	2.68513	2.9	2.5	14.63898	0.0348	14.62916	2.2E+08
18.63969	18.8	18.39999	14.32786	14.46357	14.18649	2.68513	2.9	2.5	14.72237	0.03483	14.71222	2.2E+08
18.68556	18.8	18.39999	14.33632	14.46357	14.2142	2.92912	3.2	2.7	14.80579	0	14.79583	2.2E+08
18.75397	18.8	18.69999	14.30756	14.43586	14.18649	3.01346	3.2	2.9	14.88923	0.0348	14.87916	2.2E+08
18.85033	18.99999	18.69999	14.30233	14.43586	14.2142	3.03726	3.3	2.8	14.97269	0	14.9625	2.2E+08
18.85033	18.99999	18.69999	14.30233	14.43586	14.2142	3.03726	3.3	2.8	15.05612	0.07754	15.04555	2.2E+08
19.02393	19.3	18.8	14.32072	14.43586	14.2142	3.13877	3.4	2.9	15.13956	0.04075	15.12916	2.2E+08
19.02393	19.3	18.8	14.32072	14.43586	14.2142	3.13877	3.4	2.9	15.22298	0.00589	15.21222	2.2E+08
19.22355	19.39999	18.99999	14.32961	14.43586	14.2142	3.03378	3.3	2.8	15.30641	0.03597	15.29583	2.2E+08
19.22355	19.39999	18.99999	14.32961	14.43586	14.2142	3.03378	3.3	2.8	15.38984	0	15.37889	2.2E+08
19.03735	19.19999	18.89999	14.37552	14.46357	14.24191	3.33695	3.5	3.1	15.4733	0	15.4625	2.2E+08
19.03735	19.19999	18.89999	14.37552	14.46357	14.24191	3.33695	3.5	3.1	15.55673	0.03481	15.54555	2.2E+08
18.96056	19.19999	18.8	14.37129	14.46357	14.24191	3.44849	3.6	3.1	15.64018	0	15.62889	2.2E+08
18.88745	18.99999	18.8	14.40444	14.46357	14.29732	3.52261	3.7	3.3	15.72365	0.04076	15.71222	2.2E+08
19.1714	19.39999	18.99999	14.32513	14.46357	14.2142	3.19937	3.5	2.9	15.80709	0.04076	15.79583	2.2E+08
19.1714	19.39999	18.99999	14.32513	14.46357	14.2142	3.19937	3.5	2.9	15.89052	0.01461	15.87889	2.2E+08
19.71763	19.89999	19.49999	14.41033	14.49128	14.32503	2.93745	3.2	2.7	15.97394	0.04067	15.9625	2.2E+08
19.71763	19.89999	19.49999	14.41033	14.49128	14.32503	2.93745	3.2	2.7	16.05738	0	16.04555	2.2E+08
20.12199	20.59999	19.59999	14.37531	14.46357	14.24191	2.79266	3.2	2.4	16.14085	0	16.12889	2.2E+08
21.10031	21.39999	20.59999	14.53198	14.76836	14.32503	2.4179	3	1.9	16.22427	0.03508	16.2125	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
21.10031	21.39999	20.59999	14.53198	14.76836	14.32503	2.4179	3	1.9	16.30768	0.05532	16.29555	2.2E+08
21.06703	21.39999	20.69999	14.64163	14.82378	14.51899	3.10158	3.4	2.8	16.39113	0	16.37916	2.2E+08
21.06703	21.39999	20.69999	14.64163	14.82378	14.51899	3.10158	3.4	2.8	16.47434	0	16.46222	2.2E+08
20.70209	21.09999	20.19999	14.68685	14.79607	14.57441	3.58111	4.1	3.2	16.55754	0.02027	16.54555	2.2E+08
20.31586	20.69999	19.89999	14.66615	14.85149	14.57441	3.88727	4.3	3.5	16.64074	0.03498	16.62916	2.2E+08
20.31586	20.69999	19.89999	14.66615	14.85149	14.57441	3.88727	4.3	3.5	16.72395	0	16.71222	2.2E+08
20.11196	20.39999	19.89999	14.66191	14.76836	14.51899	3.96744	4.1	3.7	16.80715	0.00557	16.79555	2.2E+08
20.0078	20.19999	19.89999	14.63301	14.74065	14.51899	3.77414	4	3.6	16.89035	0	16.87916	2.2E+08
20.0078	20.19999	19.89999	14.63301	14.74065	14.51899	3.77414	4	3.6	16.97356	0.03502	16.96222	2.2E+08
20.55852	20.99999	20.19999	14.66148	14.76836	14.49128	3.0549	3.4	2.6	17.05676	0.00548	17.04583	2.2E+08
20.55852	20.99999	20.19999	14.66148	14.76836	14.49128	3.0549	3.4	2.6	17.13996	0.02031	17.12889	2.2E+08
20.18126	20.69999	19.89999	14.74685	14.85149	14.62982	3.49263	3.8	2.9	17.22317	0	17.21222	2.2E+08
20.24105	20.49999	19.8	14.75462	14.85149	14.68523	3.36231	3.8	3.1	17.30637	0.02032	17.29583	2.2E+08
20.24105	20.49999	19.8	14.75462	14.85149	14.68523	3.36231	3.7	2.5	17.38957	0.04591	17.37916	2.2E+08
20.43675	21.19999	19.89999	14.75569	14.85149	14.62982	3.14664	3.7	2.5	17.47278	0.02019	17.46222	2.2E+08
21.55431	21.89999	21.19999	14.70893	14.82378	14.57441	2.08519	2.5	1.7	17.55598	0.00536	17.54555	2.2E+08
21.31135	21.8	20.8	15.04552	15.35023	14.79607	2.65983	3.1	2.2	17.63918	0.01491	17.62916	2.2E+08
21.31135	21.8	20.8	15.04552	15.35023	14.79607	2.65983	3.1	2.2	17.72239	0.02023	17.71222	2.2E+08
21.05314	21.3	20.69999	15.25789	15.35023	15.18398	3.1672	3.5	2.9	17.8056	0.0352	17.79555	2.2E+08
20.92809	21.69999	20.49999	15.20765	15.32252	14.9069	3.35511	3.6	2.9	17.8888	0	17.87916	2.2E+08
21.11093	21.39999	20.69999	15.20463	15.32252	14.96231	3.17898	3.6	2.9	17.97201	0.00781	17.96222	2.2E+08
21.34622	21.69999	21.09999	15.22238	15.29481	14.96231	3.01462	3.4	2.6	18.05521	0	18.04555	2.2E+08
21.23898	21.69999	20.69999	15.30452	15.40564	15.21169	3.22075	3.8	2.8	18.13841	0	18.12916	2.2E+08
21.23898	21.69999	20.69999	15.30452	15.40564	15.21169	3.22075	2.9	2.2	18.22163	0.00507	18.21222	2.2E+08
21.98953	22.3	21.69999	15.29894	15.46106	15.18398	2.54764	2.9	2.2	18.30483	0.0202	18.29555	2.2E+08
22.02173	22.49999	21.59999	15.43972	15.57189	15.32252	2.77255	3.1	2.3	18.38803	0.01516	18.37916	2.2E+08
22.02173	22.49999	21.59999	15.43972	15.57189	15.32252	2.77255	3.1	2.3	18.47124	0.00506	18.46222	2.2E+08
22.13338	22.49999	21.8	15.56034	15.65502	15.40564	2.73404	3.1	2.3	18.55444	0.02015	18.54555	2.2E+08
22.44189	22.89999	21.99999	15.63451	15.76585	15.54419	2.79866	3.2	2.3	18.63764	0.00734	18.62916	2.2E+08
22.44189	22.89999	21.99999	15.63451	15.76585	15.54419	2.79866	3.2	2.3	18.72085	0.02012	18.71222	2.2E+08
22.68538	22.89999	22.39999	15.63593	15.79356	15.54419	2.67552	3	2.4	18.80405	0.0555	18.79555	2.2E+08
22.53116	22.89999	22.19999	15.75624	15.87668	15.62731	3.15763	3.6	2.7	18.88726	0.07072	18.87916	2.2E+08
23.24134	23.59999	22.8	15.71276	15.82126	15.5996	2.56538	3	2.1	18.97046	0.06026	18.9625	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
23.24134	23.59999	22.8	15.71276	15.82126	15.5996	2.56538	2.7	2.1	19.05367	0.08623	19.04583	2.2E+08
23.57997	23.69999	23.19999	15.89331	16.01522	15.73814	2.49455	3.1	2.3	19.13687	0.01253	19.12916	2.2E+08
23.40623	23.8	23.19999	15.94842	16.04293	15.87668	2.96812	3.3	2.7	19.22008	0.07098	19.2125	2.2E+08
23.40623	23.8	23.19999	15.94842	16.04293	15.87668	2.96812	3.3	2.5	19.30328	0.01537	19.29555	2.2E+08
24.06751	24.3	23.69999	15.93133	16.01522	15.79356	2.63729	2.9	2.3	19.38648	0.03554	19.37916	2.2E+08
24.06751	24.3	23.69999	15.93133	16.01522	15.79356	2.63729	2.9	2.3	19.46969	0	19.46222	2.2E+08
24.34704	24.39999	24.19999	15.95238	16.01522	15.84897	2.54645	2.7	2.3	19.55289	0.03562	19.54555	2.2E+08
24.60659	24.99999	24.3	16.02162	16.18147	15.90439	2.64402	3	2.3	19.63609	0	19.62916	2.2E+08
24.60659	24.99999	24.3	16.02162	16.18147	15.90439	2.64402	3	2.3	19.7193	0	19.71222	2.2E+08
24.67591	25.19999	23.69999	16.07062	16.2923	15.90439	3.09483	4.2	2.5	19.8025	0.06015	19.79583	2.2E+08
24.67591	25.19999	23.69999	16.07062	16.2923	15.90439	3.09483	4.2	2.5	19.88572	0.02444	19.87889	2.2E+08
24.04143	24.69999	23.49999	16.05758	16.32001	15.90439	3.76821	4.4	2.9	19.96893	0.00457	19.96222	2.2E+08
23.74884	24.3	22.8	15.89851	15.98751	15.76585	3.60268	4.4	3	20.05213	0.0201	20.04583	2.2E+08
23.74884	24.3	22.8	15.89851	15.98751	15.76585	3.60268	4.5	3.9	20.13534	0.03533	20.12916	2.2E+08
22.68141	22.89999	22.3	15.92395	16.01522	15.76585	4.28912	4.5	3.9	20.21854	0	20.21222	2.2E+08
22.20527	22.39999	21.89999	15.86389	16.01522	15.65502	4.26207	4.5	4.1	20.30174	0.02016	20.29555	2.2E+08
22.28601	22.39999	21.99999	15.74971	15.9598	15.57189	3.69731	3.7	3	20.38494	0	20.37889	2.2E+08
22.34825	22.49999	22.19999	15.66994	15.84897	15.57189	3.31566	3.7	3	20.46815	0	20.46222	2.2E+08
22.26062	22.39999	22.19999	15.64908	15.76585	15.57189	3.02933	3.1	2.9	20.55136	0.03528	20.54583	2.2E+08
22.26062	22.39999	22.19999	15.64908	15.76585	15.57189	3.02933	3.1	2.9	20.63457	0.03531	20.62889	2.2E+08
22.31322	22.39999	22.19999	15.68802	15.82126	15.5996	2.99012	3.1	2.9	20.71777	0	20.71222	2.2E+08
22.31712	22.49999	21.89999	15.74699	15.9598	15.62731	2.99632	3.4	2.8	20.80098	0	20.79583	2.2E+08
22.39139	22.8	21.99999	15.78124	15.9321	15.5996	2.92538	3.3	2.5	20.88419	0.10612	20.87889	2.2E+08
22.80291	23.09999	22.49999	15.80242	15.9598	15.62731	2.57478	3.2	2.7	20.96739	0.00782	20.96222	2.2E+08
22.57014	22.8	22.49999	15.93273	16.04293	15.76585	2.94372	3.2	2.7	21.05059	0.02015	21.04555	2.2E+08
22.68118	22.89999	22.39999	15.83071	15.9598	15.71043	3.07494	3.5	2.8	21.1338	0	21.12916	2.2E+08
22.68118	22.89999	22.39999	15.83071	15.9598	15.71043	3.07494	3.5	2.8	21.217	0.02015	21.21222	2.2E+08
22.27543	22.39999	22.19999	15.80182	15.9321	15.5996	3.39062	3.6	3.1	21.30021	0.03528	21.29555	2.2E+08
22.19496	22.49999	21.8	15.69389	15.84897	15.57189	3.24075	3.6	3	21.38341	0	21.37889	2.2E+08
21.67782	21.89999	21.39999	15.67372	15.82126	15.54419	3.50078	3.8	3.2	21.46662	0.0907	21.46222	2.2E+08
21.8	21.99999	21.69999	15.6463	15.71043	15.5996	3.00336	3.1	2.8	21.54982	0.03526	21.54583	2.2E+08
21.8	21.99999	21.69999	15.6463	15.71043	15.5996	3.00336	3.1	2.8	21.63302	0	21.62889	2.2E+08
21.64125	21.8	21.3	15.6597	15.76585	15.57189	3.11464	3.4	2.9	21.71622	0.0405	21.71222	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
21.02255	21.19999	20.69999	15.5987	15.71043	15.46106	3.21006	3.6	2.9	21.79943	0.03516	21.79583	2.2E+08
21.02255	21.19999	20.69999	15.5987	15.71043	15.46106	3.21006	3.6	2.9	21.88263	0	21.87889	2.2E+08
20.64914	20.99999	20.39999	15.53413	15.65502	15.37794	3.25275	3.5	2.9	21.96584	0.01482	21.9625	2.2E+08
20.64914	20.99999	20.39999	15.53413	15.65502	15.37794	3.25275	3.5	2.9	22.04905	0.03508	22.04555	2.2E+08
19.62804	20.09999	19.39999	15.43193	15.51648	15.35023	3.73657	4	3.4	22.13225	0	22.12916	2.2E+08
19.62804	20.09999	19.39999	15.43193	15.51648	15.35023	3.73657	4	3.4	22.21545	0	22.21222	2.2E+08
19.12845	19.3	18.99999	15.23819	15.35023	14.99002	3.41953	3.7	3.1	22.29865	0.06985	22.29583	2.2E+08
19.12845	19.3	18.99999	15.23819	15.35023	14.99002	3.41953	3.7	3.1	22.38186	0.01459	22.37889	2.2E+08
19.27057	19.39999	19.19999	15.37074	15.46106	15.18398	2.82271	3	2.5	22.46506	0.02036	22.4625	2.2E+08
19.27057	19.39999	19.19999	15.37074	15.46106	15.18398	2.82271	3.2	2.6	22.54827	0.07767	22.54583	2.2E+08
19.09204	19.3	18.99999	15.4073	15.48877	15.32252	2.9302	3.2	2.6	22.63147	0	22.62889	2.2E+08
18.92585	18.99999	18.8	15.39239	15.46106	15.32252	3.02794	3.2	2.8	22.71467	0.03489	22.7125	2.2E+08
18.76854	18.89999	18.69999	15.39173	15.48877	15.32252	3.0101	3.2	2.8	22.79788	0	22.79555	2.2E+08
18.67284	18.8	18.39999	15.40546	15.48877	15.35023	2.97989	3.2	2.9	22.88108	0.01444	22.87889	2.2E+08
18.38457	18.59999	18.19999	15.41077	15.51648	15.29481	3.06699	3.1	2.8	22.96429	0.02226	22.9625	2.2E+08
18.29207	18.39999	18.19999	15.44262	15.5996	15.32252	2.95081	3.1	2.8	23.04749	0	23.04555	2.2E+08
18.19685	18.3	18.09999	15.48774	15.62731	15.35023	2.90105	3.1	2.8	23.13069	0.03485	23.12916	2.2E+08
18.28651	18.39999	18.19999	15.49461	15.5996	15.35023	2.71919	2.9	2.6	23.2139	0.02702	23.21222	2.2E+08
18.2359	18.39999	18.09999	15.52731	15.62731	15.43335	2.67651	2.7	2.4	23.2971	0	23.29583	2.2E+08
18.24367	18.3	18.19999	15.56065	15.68272	15.35023	2.5958	2.7	2.4	23.38031	0	23.37889	2.2E+08
18.20235	18.3	18.19999	15.54971	15.68272	15.37794	2.39766	2.5	2.3	23.46351	0.00782	23.4625	2.2E+08
18.20235	18.3	18.19999	15.54971	15.68272	15.37794	2.39766	2.5	2.3	23.54672	0	23.54555	2.2E+08
18.20335	18.3	18.19999	15.53297	15.71043	15.37794	2.22843	2.4	2.1	23.62992	0	23.62916	2.2E+08
18.20335	18.3	18.19999	15.53297	15.71043	15.37794	2.22843	2.4	2.1	23.71312	0.03486	23.71222	2.2E+08
18.19999	18.3	18.09999	15.51561	15.62731	15.37794	2.1822	2.3	2.1	23.79633	0	23.79555	2.2E+08
18.20357	18.3	18.19999	15.50991	15.62731	15.40564	2.12901	2.2	2	23.87953	0.03486	23.87889	2.2E+08
18.34368	18.39999	18.19999	15.45832	15.57189	15.32252	1.85153	2	1.7	23.96273	0	23.9625	2.2E+08
18.32181	18.39999	18.19999	6.28594	15.5996	0	1.76891	2	1.6	24.00093	0	24	2.2E+08
18.26618	18.39999	18.19999	0	0	0	1.78152	2.1	1.7	24.00093	0	24	2.2E+08
18.26618	18.39999	18.19999	0	0	0	1.78152	2.1	1.7	24.00093	0	24	2.2E+08
18.17412	18.19999	18.09999	0	0	0	1.82923	2	1.8	24.00093	0	24	2.2E+08
18.17412	18.19999	18.09999	0	0	0	1.82923	2	1.8	24.00093	0	24	2.2E+08
18.14367	18.19999	18.09999	0	0	0	1.78992	1.9	1.7	24.00093	0	24	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.14367	18.19999	18.09999	0	0	0	1.78992	1.9	1.7	24.00093	0	24	2.2E+08
18.12015	18.19999	18.09999	0	0	0	1.75969	1.9	1.6	24.00093	0	24	2.2E+08
18.12015	18.19999	18.09999	0	0	0	1.75969	1.9	1.6	24.00093	0	24	2.2E+08
18.14031	18.19999	18.09999	0	0	0	1.6318	1.8	1.5	24.00093	0	24	2.2E+08
18.14031	18.19999	18.09999	0	0	0	1.6318	1.8	1.5	24.00093	0	24	2.2E+08
17.8	17.8	17.8	0	0	0	1.8563	2	1.7	24.00093	0	24	2.2E+08
17.8	17.8	17.8	0	0	0	1.8563	2	1.7	24.00093	0	24	2.2E+08

Site ID	Unit S/N
10302025	80
10302025	80
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Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Data Log Data	
Channel No.		1
Source	D 12000	
Sampling Method	Event Bit	
Device	M 972	
SARTI2 PM2.5		

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/11/2016 10:46:45	0	0	0	749.199	749.2	749.1	24.81529	24.9
10/11/2016 10:51:45	0	0	0	758.8483	761.8	749.1	19.20186	24.5
10/11/2016 10:56:45	0	0	0	761.9315	762	761.8	19.15705	19.2
10/11/2016 11:01:45	0	0	0	762.1426	762.2	762	19.2738	19.4
10/11/2016 11:06:45	0	0	0	762.2597	762.3	762.2	19.4416	19.5
10/11/2016 11:11:45	0	0	0	762.4386	762.5	762.4	19.5	19.5
10/11/2016 11:16:45	0	0	0	762.4386	762.5	762.4	19.51343	19.6
10/11/2016 11:21:45	0	0	0	762.5	762.5	762.5	19.6067	19.7
10/11/2016 11:26:45	0	0	0	762.5	762.5	762.5	19.6067	19.7
10/11/2016 11:31:45	0	0	0	762.5	762.5	762.5	19.66678	19.8
10/11/2016 11:36:45	0	0	0	762.5458	762.6	762.5	20.00213	20.2
10/11/2016 11:41:45	0	0	0	762.6154	762.7	762.6	20.24026	20.3
10/11/2016 11:46:45	0	0	0	762.6154	762.7	762.6	20.24026	20.3
10/11/2016 11:51:45	0	0	0	762.7	762.7	762.7	20.30336	20.4
10/11/2016 11:56:45	2.69051	15.88176	0	762.7705	763.1	762.7	20.8696	22.2
10/11/2016 12:01:45	0	0	0	763.0574	763.1	763	22.30336	22.4
10/11/2016 12:06:45	0	0	0	763.0574	763.1	763	22.30336	22.4
10/11/2016 12:11:45	0	0	0	763.007	763.1	763	22.29933	22.4
10/11/2016 12:16:45	0	0	0	763.002	763.1	763	22.28993	22.3
10/11/2016 15:20:43	0	0	0	763	763	763	22.3302	22.4
10/11/2016 15:25:43	16.67448	16.69295	16.64337	761.3339	761.4	761.2	25.27584	25.4
10/11/2016 15:30:43	16.6767	16.69846	16.66005	761.4775	761.6	761.4	25.00277	25.2
10/11/2016 15:35:43	16.6767	16.69846	16.66005	761.4775	761.6	761.4	25.00277	25.2
10/11/2016 15:40:43	16.67641	16.69975	16.65714	761.7101	761.8	761.7	24.7698	24.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/11/2016 15:45:43	16.67641	16.69975	16.65714	761.7101	761.8	761.7	24.7698	24.9
10/11/2016 15:50:43	16.67556	16.69332	16.64797	761.8292	761.9	761.8	24.76039	24.9
10/11/2016 15:55:43	16.6773	16.70946	16.65695	761.9	761.9	761.9	24.78053	24.9
10/11/2016 16:00:43	16.6773	16.70946	16.65695	761.9	761.9	761.9	24.78053	24.9
10/11/2016 16:05:43	16.67747	16.70946	16.64854	761.899	761.9	761.8	24.79666	24.9
10/11/2016 16:10:43	16.67788	16.69955	16.65001	761.9	761.9	761.9	24.8302	24.9
10/11/2016 16:15:43	16.67647	16.7053	16.65437	761.9745	762	761.9	24.64965	24.7
10/11/2016 16:20:43	16.67647	16.7053	16.65437	761.9745	762	761.9	24.64965	24.7
10/11/2016 16:25:43	16.67773	16.70945	16.65853	762	762	762	24.53291	24.6
10/11/2016 16:30:43	16.67527	16.70787	16.65125	762.0151	762.1	762	24.17651	24.2
10/11/2016 16:35:43	16.67527	16.70787	16.65125	762.0151	762.1	762	24.17651	24.2
10/11/2016 16:40:43	16.67384	16.70054	16.6538	762.0161	762.1	762	24.07249	24.2
10/11/2016 16:45:43	16.67658	16.70466	16.65697	762	762	762	23.77922	23.9
10/11/2016 16:50:43	16.67658	16.70466	16.65697	762	762	762	23.77922	23.9
10/11/2016 16:55:43	16.67278	16.70304	16.65058	762	762	762	23.61945	23.7
10/11/2016 17:00:43	16.67278	16.70304	16.65058	762	762	762	23.61945	23.7
10/11/2016 17:05:43	16.67323	16.7014	16.63252	762	762	762	23.34968	23.4
10/11/2016 17:10:43	16.67811	16.70848	16.65086	761.9678	762	761.9	23.00673	23.1
10/11/2016 17:15:43	16.67811	16.70848	16.65086	761.9678	762	761.9	23.00673	23.1
10/11/2016 17:20:43	16.67235	16.70275	16.64615	761.907	762	761.9	23.08187	23.3
10/11/2016 17:25:43	16.67235	16.70275	16.64615	761.907	762	761.9	23.08187	23.3
10/11/2016 17:30:43	16.67444	16.69786	16.64456	761.9	761.9	761.9	22.97585	23.1
10/11/2016 17:35:43	16.67366	16.69539	16.6544	761.9	761.9	761.9	22.83957	23
10/11/2016 17:40:43	16.67366	16.69539	16.6544	761.9	761.9	761.9	22.83957	23
10/11/2016 17:45:43	16.6741	16.69621	16.64377	761.9	761.9	761.9	22.48189	22.7
10/11/2016 17:50:43	16.6741	16.69621	16.64377	761.9	761.9	761.9	22.48189	22.7
10/11/2016 17:55:43	16.67441	16.70503	16.65835	761.9	761.9	761.9	21.75902	21.9
10/11/2016 18:00:43	16.67441	16.70503	16.65835	761.9	761.9	761.9	21.75902	21.9
10/11/2016 18:05:43	16.67611	16.70734	16.65075	761.8698	761.9	761.8	21.42822	21.7
10/11/2016 18:10:43	16.67566	16.69974	16.65075	761.8104	761.9	761.8	21.13555	21.3
10/11/2016 18:15:43	16.6746	16.70954	16.6428	761.8171	761.9	761.8	21.04296	21.1
10/11/2016 18:20:43	16.67089	16.69805	16.64915	761.8959	761.9	761.8	20.7336	21
10/11/2016 18:25:43	16.67089	16.69805	16.64915	761.8959	761.9	761.8	20.7336	21

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/11/2016 18:30:43	16.67252	16.70202	16.65308	761.804	761.9	761.8	20.6228	20.7
10/11/2016 18:35:43	16.6729	16.70205	16.65536	761.8724	761.9	761.8	20.47917	20.6
10/11/2016 18:40:43	16.67504	16.70426	16.66294	761.807	761.9	761.8	20.37983	20.4
10/11/2016 18:45:43	16.67666	16.70825	16.66338	761.8	761.8	761.8	20.25966	20.4
10/11/2016 18:50:43	16.67428	16.6887	16.65361	761.806	761.9	761.8	20.08185	20.3
10/11/2016 18:55:43	16.67569	16.6927	16.65761	761.801	761.9	761.8	19.8463	20
10/11/2016 19:00:43	16.67569	16.6927	16.65761	761.801	761.9	761.8	19.8463	20
10/11/2016 19:05:43	16.67644	16.69669	16.65583	761.8	761.8	761.8	19.64969	19.8
10/11/2016 19:10:43	16.67644	16.69669	16.65583	761.8	761.8	761.8	19.64969	19.8
10/11/2016 19:15:43	16.67558	16.69669	16.65583	761.8	761.8	761.8	19.46509	19.7
10/11/2016 19:20:43	16.67526	16.69669	16.6616	761.805	761.9	761.8	19.37653	19.4
10/11/2016 19:25:43	16.67678	16.69665	16.65006	761.8201	761.9	761.8	19.32952	19.4
10/11/2016 19:30:43	16.67681	16.68909	16.6403	761.8	761.8	761.8	19.17314	19.3
10/11/2016 19:35:43	16.67645	16.69488	16.64607	761.8	761.8	761.8	19.11342	19.2
10/11/2016 19:40:43	16.67645	16.69488	16.64607	761.8	761.8	761.8	19.11342	19.2
10/11/2016 19:45:43	16.67505	16.69488	16.65184	761.802	761.9	761.8	18.94703	19.1
10/11/2016 19:50:43	16.67505	16.69488	16.65184	761.802	761.9	761.8	18.94703	19.1
10/11/2016 19:55:43	16.67528	16.69665	16.65184	761.8989	761.9	761.8	18.81945	18.9
10/11/2016 20:00:43	16.67528	16.69665	16.65184	761.8989	761.9	761.8	18.81945	18.9
10/11/2016 20:05:43	16.67413	16.70244	16.65184	761.9	761.9	761.9	18.73691	18.9
10/11/2016 20:10:43	16.67424	16.70641	16.65184	761.9	761.9	761.9	18.68323	18.7
10/11/2016 20:15:43	16.67424	16.70641	16.65184	761.9	761.9	761.9	18.68323	18.7
10/11/2016 20:20:43	16.67463	16.69885	16.65184	761.8929	761.9	761.8	18.66981	18.7
10/11/2016 20:25:43	16.67583	16.69703	16.65404	761.802	761.9	761.8	18.60335	18.7
10/11/2016 20:30:43	16.67583	16.69703	16.65404	761.802	761.9	761.8	18.60335	18.7
10/11/2016 20:35:43	16.67702	16.69703	16.65582	761.8231	761.9	761.8	18.58994	18.7
10/11/2016 20:40:43	16.67244	16.70061	16.65582	761.8889	761.9	761.8	18.58056	18.6
10/11/2016 20:45:43	16.67244	16.70061	16.65582	761.8889	761.9	761.8	18.58056	18.6
10/11/2016 20:50:43	16.67266	16.69665	16.6616	761.8959	761.9	761.8	18.53954	18.7
10/11/2016 20:55:43	16.67583	16.70457	16.65802	761.8131	761.9	761.8	18.49326	18.6
10/11/2016 21:00:43	16.67583	16.70457	16.65802	761.8131	761.9	761.8	18.49326	18.6
10/11/2016 21:05:43	16.67652	16.70282	16.6638	761.8	761.8	761.8	18.43556	18.6
10/11/2016 21:10:43	16.6753	16.69913	16.65042	761.798	761.8	761.7	18.39727	18.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/11/2016 21:15:43	16.67546	16.69923	16.65261	761.7211	761.8	761.7	18.36375	18.6
10/11/2016 21:20:43	16.67577	16.70098	16.65796	761.8543	761.9	761.8	18.29329	18.3
10/11/2016 21:25:43	16.67577	16.70098	16.65796	761.8543	761.9	761.8	18.29329	18.3
10/11/2016 21:30:43	16.67827	16.70852	16.6677	761.8577	761.9	761.8	18.27987	18.3
10/11/2016 21:35:43	16.67747	16.69692	16.65796	761.8715	761.9	761.8	18.25301	18.3
10/11/2016 21:40:43	16.67761	16.68903	16.65796	761.9	761.9	761.9	18.20604	18.3
10/11/2016 21:45:43	16.67666	16.68903	16.65218	761.9	761.9	761.9	18.14626	18.3
10/11/2016 21:50:43	16.67426	16.68718	16.65218	761.9	761.9	761.9	18.13354	18.2
10/11/2016 21:55:43	16.67461	16.68718	16.65218	761.9	761.9	761.9	18.12014	18.2
10/11/2016 22:00:43	16.67546	16.68892	16.66366	762	762	762	18.1	18.1
10/11/2016 22:05:43	16.67546	16.68892	16.66366	762	762	762	18.1	18.1
10/11/2016 22:10:43	16.67572	16.68892	16.65392	762	762	762	18.08994	18.1
10/11/2016 22:15:43	16.67735	16.68892	16.65392	762	762	762	18.04964	18.1
10/11/2016 22:20:43	16.67735	16.68892	16.65392	762	762	762	18.04964	18.1
10/11/2016 22:25:43	16.67441	16.69112	16.64639	761.9091	762	761.9	18.01005	18.1
10/11/2016 22:30:43	16.67441	16.69112	16.64639	761.9091	762	761.9	18.01005	18.1
10/11/2016 22:35:43	16.67489	16.69692	16.65576	761.918	762	761.9	17.99665	18.1
10/11/2016 22:40:43	16.67746	16.69866	16.64998	761.9997	762	761.9	17.97989	18.1
10/11/2016 22:45:43	16.67462	16.68892	16.65392	762	762	762	17.93157	18
10/11/2016 22:50:43	16.67462	16.68892	16.65392	762	762	762	17.93157	18
10/11/2016 22:55:43	16.67418	16.69285	16.65786	762	762	762	17.82887	18
10/11/2016 23:00:43	16.67418	16.69285	16.65786	762	762	762	17.82887	18
10/11/2016 23:05:43	16.67549	16.69285	16.64813	762	762	762	17.76915	18
10/11/2016 23:10:44	16.67152	16.68672	16.65173	762.1	762.1	762.1	17.72882	18
10/11/2016 23:15:43	16.67152	16.68672	16.65173	762.1	762.1	762.1	17.72882	18
10/11/2016 23:20:44	16.67347	16.69238	16.65567	762.1604	762.2	762.1	17.70671	17.9
10/11/2016 23:25:43	16.67347	16.69238	16.65567	762.1604	762.2	762.1	17.70671	17.9
10/11/2016 23:30:43	16.67448	16.69818	16.65347	762.2	762.2	762.2	17.69329	17.7
10/11/2016 23:35:44	16.67319	16.69238	16.65347	762.2	762.2	762.2	17.66981	17.7
10/11/2016 23:40:43	16.67319	16.69238	16.65347	762.2	762.2	762.2	17.66981	17.7
10/11/2016 23:45:43	16.67399	16.7021	16.65347	762.2	762.2	762.2	17.68658	17.7
10/11/2016 23:50:44	16.67252	16.69629	16.65333	762.2839	762.3	762.2	17.63288	17.7
10/11/2016 23:55:43	16.67252	16.69629	16.65333	762.2839	762.3	762.2	17.63288	17.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/12/2016 00:00:43	16.67311	16.69238	16.661	762.2034	762.3	762.2	17.62687	17.7
10/12/2016 00:05:44	16.67365	16.69238	16.64581	762.2	762.2	762.2	17.61007	17.7
10/12/2016 00:10:43	16.67365	16.69238	16.64581	762.2	762.2	762.2	17.61007	17.7
10/12/2016 00:15:44	16.67697	16.6985	16.64801	762.1	762.1	762.1	17.59663	17.6
10/12/2016 00:20:44	16.67722	16.6985	16.64801	762.0889	762.1	762	17.57985	17.6
10/12/2016 00:25:43	16.67722	16.6985	16.64801	762.0889	762.1	762	17.57985	17.6
10/12/2016 00:30:44	16.67765	16.70651	16.64801	762.0936	762.1	762	17.51947	17.6
10/12/2016 00:35:43	16.67561	16.7021	16.64581	762.1353	762.2	762.1	17.51947	17.6
10/12/2016 00:40:43	16.67561	16.7021	16.64581	762.1353	762.2	762.1	17.49936	17.6
10/12/2016 00:45:44	16.67163	16.7021	16.6574	762.2886	762.3	762.2	17.47647	17.6
10/12/2016 00:50:43	16.67163	16.7021	16.6574	762.2886	762.3	762.2	17.47647	17.6
10/12/2016 00:55:44	16.6789	16.70398	16.66899	762.2	762.2	762.2	17.48656	17.6
10/12/2016 01:00:44	16.67792	16.69818	16.65926	762.2	762.2	762.2	17.50001	17.6
10/12/2016 01:05:44	16.67812	16.69818	16.65926	762.2	762.2	762.2	17.53627	17.6
10/12/2016 01:10:44	16.67812	16.69818	16.65926	762.2	762.2	762.2	17.53627	17.6
10/12/2016 01:15:43	16.6764	16.69645	16.65751	762.1638	762.2	762.1	17.58322	17.6
10/12/2016 01:20:44	16.6761	16.69818	16.65926	762.1809	762.2	762.1	17.58993	17.6
10/12/2016 01:25:43	16.6761	16.69818	16.65926	762.1809	762.2	762.1	17.58993	17.6
10/12/2016 01:30:43	16.67788	16.69818	16.65926	762.2	762.2	762.2	17.59664	17.6
10/12/2016 01:35:44	16.6778	16.69818	16.65926	762.2	762.2	762.2	17.61005	17.7
10/12/2016 01:40:43	16.67739	16.69065	16.64953	762.196	762.2	762.1	17.61679	17.7
10/12/2016 01:45:44	16.67768	16.69065	16.66146	762.1929	762.2	762.1	17.61005	17.7
10/12/2016 01:50:43	16.67768	16.69065	16.66146	762.1929	762.2	762.1	17.61005	17.7
10/12/2016 01:55:44	16.67222	16.68485	16.66146	762.101	762.2	762.1	17.61342	17.7
10/12/2016 02:00:44	16.67284	16.69065	16.65567	762.1	762.1	762.1	17.60672	17.7
10/12/2016 02:05:43	16.6751	16.69458	16.65773	762.1	762.1	762.1	17.62013	17.7
10/12/2016 02:10:44	16.67664	16.6966	16.66744	762.1	762.1	762.1	17.61006	17.7
10/12/2016 02:15:43	16.67664	16.6966	16.66744	762.1	762.1	762.1	17.61006	17.7
10/12/2016 02:20:44	16.67633	16.70801	16.66916	762.1644	762.2	762.1	17.6	17.6
10/12/2016 02:25:43	16.67633	16.70801	16.66916	762.1644	762.2	762.1	17.6	17.6
10/12/2016 02:30:44	16.67836	16.6983	16.66335	762.2	762.2	762.2	17.59326	17.6
10/12/2016 02:35:44	16.67423	16.70581	16.65755	762.2597	762.3	762.2	17.57987	17.6
10/12/2016 02:40:43	16.67423	16.70581	16.65755	762.2597	762.3	762.2	17.57987	17.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/12/2016 02:45:44	16.67673	16.6983	16.65755	762.2011	762.3	762.2	17.57984	17.6
10/12/2016 02:50:43	16.67634	16.70801	16.65364	762.2	762.2	762.2	17.59396	17.6
10/12/2016 02:55:44	16.67712	16.6983	16.65364	762.2	762.2	762.2	17.63019	17.7
10/12/2016 03:00:44	16.67712	16.6983	16.65364	762.2	762.2	762.2	17.63019	17.7
10/12/2016 03:05:43	16.67625	16.69028	16.65145	762.2866	762.3	762.2	17.64364	17.7
10/12/2016 03:10:44	16.67731	16.68859	16.64973	762.2416	762.3	762.2	17.65706	17.7
10/12/2016 03:15:43	16.67734	16.69079	16.65193	762.1808	762.2	762.1	17.68387	17.7
10/12/2016 03:20:44	16.67435	16.68718	16.64253	762	762	762	17.70672	17.9
10/12/2016 03:25:44	16.67435	16.68718	16.64253	762	762	762	17.70672	17.9
10/12/2016 03:30:43	16.67541	16.69299	16.65224	762	762	762	17.71879	17.9
10/12/2016 03:35:44	16.67473	16.69299	16.65413	762	762	762	17.74699	17.9
10/12/2016 03:40:44	16.67471	16.69299	16.65224	762	762	762	17.70669	17.9
10/12/2016 03:45:44	16.67371	16.69299	16.65224	762	762	762	17.75573	18
10/12/2016 03:50:44	16.67371	16.69299	16.65224	762	762	762	17.75573	18
10/12/2016 03:55:44	16.67558	16.69129	16.64661	761.9	761.9	761.9	17.9101	18.1
10/12/2016 04:00:44	16.67486	16.68157	16.65633	761.9	761.9	761.9	17.9101	18.1
10/12/2016 04:05:43	16.67486	16.68157	16.65633	761.911	762	761.9	18.00001	18.1
10/12/2016 04:10:44	16.67269	16.69129	16.66213	761.9	761.9	761.9	18.07047	18.2
10/12/2016 04:15:44	16.67269	16.69129	16.66213	761.9	761.9	761.9	18.07047	18.2
10/12/2016 04:20:44	16.67591	16.69678	16.65992	762.0161	762.1	762	18.14696	18.3
10/12/2016 04:25:44	16.67591	16.69678	16.65992	762.0161	762.1	762	18.14696	18.3
10/12/2016 04:30:44	16.6761	16.69458	16.6596	762.1	762.1	762.1	18.28054	18.3
10/12/2016 04:35:44	16.6761	16.69458	16.6596	762.1	762.1	762.1	18.28054	18.3
10/12/2016 04:40:44	16.6751	16.69065	16.6654	762.0798	762.1	762	18.35031	18.6
10/12/2016 04:45:44	16.67421	16.68485	16.65567	762.1	762.1	762.1	18.43432	18.6
10/12/2016 04:50:44	16.67387	16.69458	16.65567	762.1	762.1	762.1	18.59328	18.6
10/12/2016 04:55:44	16.67213	16.69458	16.65173	762.11	762.2	762.1	18.61678	18.7
10/12/2016 05:00:44	16.67213	16.69458	16.65173	762.11	762.2	762.1	18.61678	18.7
10/12/2016 05:05:44	16.67723	16.69425	16.65532	762.2	762.2	762.2	18.72684	18.9
10/12/2016 05:10:44	16.67723	16.69425	16.65532	762.2	762.2	762.2	18.72684	18.9
10/12/2016 05:15:44	16.67665	16.69818	16.64953	762.2	762.2	762.2	18.90335	19.1
10/12/2016 05:20:44	16.67665	16.69818	16.64953	762.2	762.2	762.2	18.90335	19.1
10/12/2016 05:25:44	16.67825	16.69818	16.65926	762.2	762.2	762.2	19.09124	19.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/12/2016 05:30:44	16.67825	16.69818	16.65926	762.2	762.2	762.2	19.09124	19.2
10/12/2016 05:35:44	16.67615	16.69425	16.64339	762.2443	762.3	762.2	19.20335	19.3
10/12/2016 05:40:44	16.67615	16.69425	16.64339	762.2443	762.3	762.2	19.20335	19.3
10/12/2016 05:45:44	16.6744	16.69785	16.64339	762.2537	762.3	762.2	19.29329	19.3
10/12/2016 05:50:44	16.6744	16.69785	16.64339	762.2537	762.3	762.2	19.29329	19.3
10/12/2016 05:55:44	16.6741	16.69217	16.65137	762.2302	762.3	762.2	19.35974	19.4
10/12/2016 06:00:44	16.6741	16.69217	16.65137	762.2302	762.3	762.2	19.35974	19.4
10/12/2016 06:05:44	16.67173	16.70191	16.65137	762.2064	762.3	762.2	19.37315	19.4
10/12/2016 06:10:44	16.67577	16.6997	16.64917	762.3	762.3	762.3	19.40336	19.5
10/12/2016 06:15:44	16.67577	16.6997	16.64917	762.3	762.3	762.3	19.40336	19.5
10/12/2016 06:20:44	16.67576	16.6997	16.6488	762.3594	762.4	762.3	19.4302	19.7
10/12/2016 06:25:44	16.67576	16.6997	16.6488	762.3594	762.4	762.3	19.4302	19.7
10/12/2016 06:30:44	16.67643	16.69575	16.63943	762.3	762.3	762.3	19.47403	19.7
10/12/2016 06:35:44	16.6759	16.69575	16.651	762.3	762.3	762.3	19.62144	19.7
10/12/2016 06:40:44	16.6749	16.6975	16.64478	762.4416	762.5	762.3	19.69665	19.8
10/12/2016 06:45:44	16.6749	16.6975	16.64478	762.4416	762.5	762.3	19.69665	19.8
10/12/2016 06:50:44	16.67715	16.7033	16.6466	762.4825	762.6	762.4	19.66639	19.7
10/12/2016 06:55:44	16.67715	16.7033	16.6466	762.4825	762.6	762.4	19.66639	19.7
10/12/2016 07:00:44	16.67609	16.69355	16.64258	762.4678	762.6	762.4	19.60069	19.7
10/12/2016 07:05:44	16.67418	16.69135	16.63504	762.509	762.6	762.4	19.61948	19.7
10/12/2016 07:10:44	16.67377	16.68776	16.64483	762.4171	762.5	762.4	19.62591	19.7
10/12/2016 07:15:44	16.6754	16.69575	16.6589	762.304	762.4	762.3	19.65972	19.7
10/12/2016 07:20:44	16.6754	16.69575	16.6589	762.304	762.4	762.3	19.65972	19.7
10/12/2016 07:25:44	16.67458	16.7033	16.6466	762.3444	762.5	762.3	19.69663	19.8
10/12/2016 07:30:44	16.67779	16.71304	16.65671	762.3396	762.4	762.3	19.71341	19.8
10/12/2016 07:35:44	16.67435	16.7055	16.64483	762.3362	762.5	762.3	19.71341	19.8
10/12/2016 07:40:44	16.67577	16.7033	16.65451	762.4056	762.5	762.3	19.67649	19.8
10/12/2016 07:45:44	16.67696	16.70504	16.65634	762.4111	762.5	762.4	19.54367	19.7
10/12/2016 07:50:44	16.67312	16.69355	16.66212	762.4808	762.5	762.4	19.41678	19.5
10/12/2016 07:55:44	16.67312	16.69355	16.66212	762.4808	762.5	762.4	19.41678	19.5
10/12/2016 08:00:44	16.67433	16.69355	16.66212	762.403	762.5	762.4	19.40334	19.5
10/12/2016 08:05:44	16.6766	16.69889	16.65773	762.5956	762.7	762.5	19.39999	19.5
10/12/2016 08:10:44	16.6766	16.69889	16.65773	762.5956	762.7	762.5	19.39999	19.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/12/2016 08:15:44	16.67621	16.69669	16.65773	762.7	762.7	762.7	19.40671	19.5
10/12/2016 08:20:44	16.67638	16.69449	16.65773	762.7081	762.8	762.7	19.40671	19.5
10/12/2016 08:25:44	16.67347	16.69054	16.66131	762.804	762.9	762.8	19.40604	19.5
10/12/2016 08:30:44	16.67347	16.69054	16.66131	762.804	762.9	762.8	19.40604	19.5
10/12/2016 08:35:44	16.6734	16.69633	16.65515	762.8453	762.9	762.8	19.41614	19.7
10/12/2016 08:40:44	16.67471	16.69771	16.65692	762.9674	763.1	762.9	19.5087	19.7
10/12/2016 08:45:44	16.67684	16.70929	16.65472	763.0192	763.1	762.9	19.62261	19.7
10/12/2016 08:50:44	16.67554	16.69777	16.66093	762.8809	762.9	762.8	19.71814	19.8
10/12/2016 08:55:44	16.67554	16.69777	16.66093	762.8809	762.9	762.8	19.71814	19.8
10/12/2016 09:00:44	16.67009	16.69021	16.57309	762.8243	763	762.7	19.77978	19.8
10/12/2016 09:05:44	16.67495	16.68939	16.65215	763.1682	763.3	763	19.82013	20
10/12/2016 09:10:44	16.6742	16.69116	16.6619	763.2333	763.3	763.2	19.92123	20
10/12/2016 09:15:44	16.67455	16.69076	16.66148	763.3	763.3	763.3	20.00673	20.1
10/12/2016 09:20:44	16.67424	16.69076	16.66148	763.3403	763.4	763.3	20.18416	20.3
10/12/2016 09:25:44	16.67424	16.69076	16.66148	763.3403	763.4	763.3	20.18416	20.3
10/12/2016 09:30:44	16.67742	16.70808	16.66328	763.4	763.4	763.4	20.37406	20.5
10/12/2016 09:35:44	16.67742	16.70808	16.66328	763.4	763.4	763.4	20.37406	20.5
10/12/2016 09:40:44	16.67825	16.69832	16.65352	763.4	763.4	763.4	20.42591	20.5
10/12/2016 09:45:44	16.67671	16.69832	16.64734	763.4171	763.5	763.4	20.61342	20.7
10/12/2016 09:50:44	16.67671	16.69832	16.64734	763.4171	763.5	763.4	20.61342	20.7
10/12/2016 09:55:44	16.67428	16.69392	16.65266	763.5172	763.6	763.5	20.73702	21
10/12/2016 10:00:44	16.67428	16.69392	16.65266	763.5172	763.6	763.5	20.73702	21
10/12/2016 10:05:44	16.67689	16.69929	16.63851	763.7027	763.8	763.6	20.84761	21
10/12/2016 10:10:44	16.67606	16.70685	16.63857	763.8112	763.9	763.7	20.93573	21
10/12/2016 10:15:44	16.67603	16.70286	16.65584	763.8394	763.9	763.7	20.92593	21
10/12/2016 10:20:44	16.67833	16.70905	16.65804	763.7355	763.8	763.6	20.86973	21
10/12/2016 10:25:44	16.67685	16.69929	16.64652	763.7554	763.8	763.7	20.88795	21
10/12/2016 10:30:44	16.67685	16.69929	16.64652	763.7554	763.8	763.7	20.88795	21
10/12/2016 10:35:44	16.67754	16.70506	16.65403	763.7222	763.8	763.7	20.87324	21
10/12/2016 10:40:44	16.67754	16.70506	16.65403	763.7222	763.8	763.7	20.87324	21
10/12/2016 10:45:44	16.67686	16.70286	16.65804	763.7919	763.9	763.7	20.94945	21
10/12/2016 10:50:44	16.67548	16.70506	16.65051	763.7566	763.8	763.7	20.94277	21
10/12/2016 10:55:44	16.67885	16.70726	16.66015	763.5989	763.7	763.5	20.99998	21.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/12/2016 11:00:44	16.67885	16.70726	16.66015	763.5989	763.7	763.5	20.99998	21.1
10/12/2016 11:05:44	16.67712	16.69744	16.65257	763.5646	763.6	763.5	21.05051	21.1
10/12/2016 11:10:44	16.67541	16.69698	16.65612	763.6	763.6	763.6	21.13035	21.2
10/12/2016 11:15:44	16.67619	16.70677	16.65612	763.6	763.6	763.6	21.24381	21.3
10/12/2016 11:20:44	16.67571	16.69467	16.6538	763.5616	763.7	763.5	21.63368	21.7
10/12/2016 11:25:44	16.67571	16.69467	16.6538	763.5616	763.7	763.5	21.63368	21.7
10/12/2016 11:30:44	16.67277	16.69478	16.64401	763.6576	763.7	763.5	21.72024	21.8
10/12/2016 11:35:44	16.67361	16.69478	16.6516	763.7	763.7	763.7	21.81007	21.9
10/12/2016 11:40:44	16.67443	16.69304	16.6538	763.6484	763.7	763.6	21.76295	21.8
10/12/2016 11:45:44	16.67494	16.69502	16.65581	763.4182	763.5	763.4	21.75958	21.9
10/12/2016 11:50:44	16.67494	16.69502	16.65581	763.4182	763.5	763.4	21.75958	21.9
10/12/2016 11:55:44	16.67558	16.69587	16.65413	763.3343	763.4	763.1	22.12898	22.2
10/12/2016 12:00:44	16.67558	16.69587	16.65413	763.3343	763.4	763.1	22.12898	22.2
10/12/2016 12:05:44	16.67617	16.70432	16.65194	763.4767	763.5	763.4	22.25386	22.3
10/12/2016 12:10:44	16.67352	16.70026	16.65362	763.5111	763.6	763.5	22.29662	22.3
10/12/2016 12:15:44	16.67445	16.71007	16.64382	763.5	763.5	763.5	22.28317	22.3
10/12/2016 12:20:44	16.67517	16.6984	16.63402	763.4455	763.5	763.3	22.4168	22.7
10/12/2016 12:25:44	16.67517	16.6984	16.63402	763.4455	763.5	763.3	22.4168	22.7
10/12/2016 12:30:44	16.67485	16.71429	16.65151	763.3697	763.5	763	22.42355	22.5
10/12/2016 12:35:44	16.67561	16.69659	16.65312	763.1222	763.2	763	22.69294	22.8
10/12/2016 12:40:44	16.67446	16.69879	16.63025	762.998	763.1	762.9	22.86166	23
10/12/2016 12:45:44	16.67446	16.69879	16.63025	762.998	763.1	762.9	22.86166	23
10/12/2016 12:50:44	16.67489	16.68895	16.64134	762.9626	763	762.8	23.48085	23.6
10/12/2016 12:55:44	16.67489	16.68895	16.64134	762.9626	763	762.8	23.48085	23.6
10/12/2016 13:00:44	16.67775	16.69659	16.6547	762.9909	763	762.9	23.63366	23.7
10/12/2016 13:05:44	16.67775	16.69659	16.6547	762.9909	763	762.9	23.63366	23.7
10/12/2016 13:10:44	16.67533	16.71093	16.64227	762.9374	763.1	762.9	23.70437	23.9
10/12/2016 13:15:44	16.67435	16.69314	16.65149	763.0091	763.1	763	23.92222	24.2
10/12/2016 13:20:44	16.675	16.68742	16.65628	763	763	763	24.03705	24.1
10/12/2016 13:25:44	16.67531	16.68805	16.66296	762.9505	763	762.9	24.07303	24.2
10/12/2016 13:30:44	16.67582	16.69879	16.6521	762.8798	762.9	762.8	23.98787	24.2
10/12/2016 13:35:44	16.67582	16.69879	16.6521	762.8798	762.9	762.8	23.98787	24.2
10/12/2016 13:40:44	16.67511	16.69182	16.65237	762.8212	762.9	762.8	23.98416	24.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/12/2016 13:45:44	16.6747	16.68768	16.66067	762.801	762.9	762.8	24.13135	24.2
10/12/2016 13:50:44	16.67518	16.70482	16.64925	762.8	762.8	762.8	24.20338	24.3
10/12/2016 13:55:44	16.67261	16.69451	16.65345	762.6939	762.7	762.6	24.43799	24.6
10/12/2016 14:00:44	16.67261	16.69451	16.65345	762.6939	762.7	762.6	24.43799	24.6
10/12/2016 14:05:44	16.67328	16.69817	16.65971	762.699	762.7	762.6	24.51351	24.6
10/12/2016 14:10:44	16.67405	16.6905	16.65364	762.6	762.6	762.6	24.50576	24.6
10/12/2016 14:15:44	16.67405	16.6905	16.65364	762.6	762.6	762.6	24.50576	24.6
10/12/2016 14:20:44	16.67404	16.68636	16.66092	762.5919	762.6	762.5	24.54278	24.6
10/12/2016 14:25:44	16.6745	16.69937	16.63506	762.5031	762.6	762.5	24.54503	24.7
10/12/2016 14:30:44	16.67792	16.7083	16.65699	762.4555	762.5	762.4	24.54245	24.6
10/12/2016 14:35:44	16.67792	16.7083	16.65699	762.4555	762.5	762.4	24.54245	24.6
10/12/2016 14:40:44	16.67458	16.69387	16.65282	762.4	762.5	762.3	24.54276	24.6
10/12/2016 14:45:44	16.67458	16.69387	16.65282	762.4	762.5	762.3	24.54276	24.6
10/12/2016 14:50:44	16.6757	16.70375	16.65282	762.3667	762.4	762.3	24.46968	24.6
10/12/2016 14:55:44	16.67529	16.69648	16.64778	762.3152	762.4	762.3	24.55244	24.6
10/12/2016 15:00:44	16.67529	16.69648	16.64778	762.3152	762.4	762.3	24.55244	24.6
10/12/2016 15:05:44	16.67648	16.69761	16.65654	762.3	762.3	762.3	24.40231	24.6
10/12/2016 15:10:44	16.6747	16.70179	16.64932	762.3	762.3	762.3	24.25958	24.3
10/12/2016 15:15:44	16.67541	16.69931	16.65348	762.2576	762.3	762.2	24.14612	24.3
10/12/2016 15:20:44	16.67541	16.69931	16.65348	762.2576	762.3	762.2	24.14612	24.3
10/12/2016 15:25:44	3.69146	16.70346	0	762.2	762.2	762.2	23.99725	24.1
10/12/2016 15:30:44	0	0	0	762.2	762.2	762.2	24.10006	24.2
10/12/2016 15:35:44	0	0	0	762.1273	762.2	762.1	24.11242	24.2
10/12/2016 15:40:44	0	0	0	762.1	762.1	762.1	24.16394	24.3
10/12/2016 15:45:44	0	0	0	762.1	762.1	762.1	24.16394	24.3
10/12/2016 15:50:44	0	0	0	762.1	762.1	762.1	24.09323	24.2
10/12/2016 15:55:44	0	0	0	762.0363	762.1	762	24.04378	24.2
10/12/2016 16:00:44	0	0	0	762	762	762	24.01917	24.2
10/12/2016 16:05:44	0	0	0	761.9747	762	761.9	23.96633	24.2
10/12/2016 16:10:44	0	0	0	761.9	761.9	761.9	24.00673	24.1
10/12/2016 16:15:44	0	0	0	761.9	761.9	761.9	23.90671	24
10/12/2016 16:20:44	0	0	0	761.9	761.9	761.9	23.89327	24.1
10/12/2016 16:25:44	0	0	0	761.9	761.9	761.9	23.81577	24

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/12/2016 16:30:44	0	0	0	761.9	761.9	761.9	23.73367	23.9
10/12/2016 16:35:44	0	0	0	761.9	761.9	761.9	23.81443	23.9
10/12/2016 16:40:44	0	0	0	761.9	761.9	761.9	23.73373	23.9
10/12/2016 16:45:44	0	0	0	761.9	761.9	761.9	23.66429	23.9
10/12/2016 16:50:44	0	0	0	761.9	761.9	761.9	23.50906	23.6
10/12/2016 16:55:44	0	0	0	761.9	761.9	761.9	23.33259	23.5
10/12/2016 17:00:44	0	0	0	761.8101	761.9	761.8	23.10002	23.3
10/12/2016 17:05:44	0	0	0	761.7444	761.8	761.7	22.86087	23.1
10/12/2016 17:10:44	0	0	0	761.6293	761.7	761.5	22.65614	22.7
10/12/2016 17:15:44	0	0	0	761.6293	761.7	761.5	22.65614	22.7
10/12/2016 17:20:44	1.91737	16.68833	0	761.6876	761.8	761.6	22.53203	22.7
10/12/2016 17:25:44	16.68233	16.70965	16.6566	761.7172	761.8	761.7	22.436	22.5
10/12/2016 17:30:44	16.67355	16.69841	16.65087	761.7838	761.8	761.7	22.37298	22.4
10/12/2016 17:35:44	16.67595	16.68669	16.65498	761.7162	761.8	761.7	22.14038	22.2
10/12/2016 17:40:44	16.67595	16.68669	16.65498	761.7162	761.8	761.7	22.14038	22.2
10/12/2016 17:45:44	16.67615	16.69817	16.65498	761.7566	761.8	761.7	22.11009	22.2
10/12/2016 17:50:44	16.67451	16.69597	16.64103	761.8	761.8	761.8	22.15725	22.2
10/12/2016 17:55:44	16.67288	16.69432	16.65278	761.8171	761.9	761.8	22.18653	22.3
10/12/2016 18:00:44	16.67288	16.69432	16.65278	761.8171	761.9	761.8	22.18653	22.3
10/12/2016 18:05:44	16.67513	16.69212	16.65278	761.8798	761.9	761.8	22.1899	22.2
10/12/2016 18:10:44	16.67434	16.68879	16.63722	761.8878	761.9	761.8	22.17294	22.3
10/12/2016 18:15:44	16.6733	16.69286	16.66174	761.9	761.9	761.9	21.86972	22.1
10/12/2016 18:20:44	16.67232	16.6958	16.66067	761.902	762	761.9	21.17524	21.3
10/12/2016 18:25:44	16.67232	16.6958	16.66067	761.902	762	761.9	21.17524	21.3
10/12/2016 18:30:44	16.67429	16.69982	16.64339	761.9	761.9	761.9	20.62591	20.7
10/12/2016 18:35:44	16.67429	16.69982	16.64339	761.9	761.9	761.9	20.62591	20.7
10/12/2016 18:40:44	16.67393	16.70205	16.65317	761.9	761.9	761.9	20.36966	20.4
10/12/2016 18:45:44	16.67393	16.70205	16.65317	761.9	761.9	761.9	20.36966	20.4
10/12/2016 18:50:44	16.67648	16.69627	16.65717	761.9	761.9	761.9	20.21577	20.3
10/12/2016 18:55:44	16.67388	16.69448	16.65363	761.9	761.9	761.9	19.91913	20
10/12/2016 19:00:44	16.67388	16.69448	16.65363	761.9	761.9	761.9	19.91913	20
10/12/2016 19:05:44	16.67415	16.70244	16.65583	761.8605	761.9	761.8	19.69548	19.8
10/12/2016 19:10:44	16.67415	16.70244	16.65583	761.8605	761.9	761.8	19.69548	19.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/12/2016 19:15:44	16.67602	16.69885	16.66339	761.8181	761.9	761.8	19.48651	19.7
10/12/2016 19:20:44	16.6758	16.68692	16.6656	761.801	761.9	761.8	19.37298	19.4
10/12/2016 19:25:44	16.67474	16.69268	16.6616	761.8828	761.9	761.8	19.23935	19.3
10/12/2016 19:30:44	16.67474	16.69268	16.6616	761.8828	761.9	761.8	19.23935	19.3
10/12/2016 19:35:44	16.67508	16.68909	16.65184	761.8081	761.9	761.8	19.08645	19.1
10/12/2016 19:40:44	16.67508	16.68909	16.65184	761.8081	761.9	761.8	19.08645	19.1
10/12/2016 19:45:44	16.67319	16.69665	16.65184	761.9	761.9	761.9	18.9	18.9
10/12/2016 19:50:44	16.67293	16.69665	16.65184	761.9	761.9	761.9	18.8529	18.9
10/12/2016 19:55:44	16.67293	16.69665	16.65184	761.9	761.9	761.9	18.8529	18.9
10/12/2016 20:00:44	16.6732	16.69665	16.65184	761.9	761.9	761.9	18.7451	18.9
10/12/2016 20:05:44	16.67254	16.69665	16.6616	761.9	761.9	761.9	18.7303	18.9
10/12/2016 20:10:44	16.67194	16.70061	16.65582	761.9	761.9	761.9	18.6932	18.8
10/12/2016 20:15:44	16.67232	16.68111	16.6616	761.9	761.9	761.9	18.63364	18.7
10/12/2016 20:20:44	16.67428	16.69445	16.66915	761.9272	762	761.9	18.60336	18.7
10/12/2016 20:25:44	16.67349	16.69583	16.65103	762.2192	762.3	762.1	18.57642	18.6
10/12/2016 20:30:44	16.67349	16.69583	16.65103	762.2192	762.3	762.1	18.57642	18.6
10/12/2016 20:35:44	16.67432	16.6962	16.65142	762.1111	762.2	762.1	18.55284	18.6
10/12/2016 20:40:44	16.67432	16.6962	16.65142	762.1111	762.2	762.1	18.55284	18.6
10/12/2016 20:45:44	16.67633	16.694	16.655	762.1949	762.2	762.1	18.53693	18.6
10/12/2016 20:50:44	16.67593	16.6962	16.65897	762.1121	762.2	762.1	18.45153	18.6
10/12/2016 20:55:44	16.6747	16.6962	16.65142	762.101	762.2	762.1	18.41927	18.6
10/12/2016 21:00:44	16.67332	16.68866	16.65142	762.0969	762.1	762	18.38791	18.6
10/12/2016 21:05:44	16.67332	16.68866	16.65142	762.0969	762.1	762	18.38791	18.6
10/12/2016 21:10:44	16.67311	16.69041	16.65142	762.0979	762.1	762	18.31344	18.5
10/12/2016 21:15:44	16.67311	16.69041	16.65142	762.0979	762.1	762	18.31344	18.5
10/12/2016 21:20:44	16.67416	16.69262	16.64602	762	762	762	18.30672	18.5
10/12/2016 21:25:44	16.67628	16.68682	16.65759	762.001	762.1	762	18.28991	18.3
10/12/2016 21:30:44	16.67575	16.69262	16.65576	762	762	762	18.27307	18.3
10/12/2016 21:35:44	16.67541	16.69657	16.65362	762	762	762	18.24611	18.3
10/12/2016 21:40:44	16.67242	16.70016	16.65357	762.097	762.1	762	18.22022	18.3
10/12/2016 21:45:44	16.67183	16.69437	16.65357	762.1	762.1	762.1	18.19567	18.3
10/12/2016 21:50:44	16.67311	16.69437	16.65357	762.1	762.1	762.1	18.15855	18.3
10/12/2016 21:55:44	16.67359	16.69657	16.64383	762.0637	762.1	762	18.13708	18.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/12/2016 22:00:44	16.67359	16.69657	16.64383	762.0637	762.1	762	18.13708	18.2
10/12/2016 22:05:44	16.67417	16.69796	16.65137	762.2151	762.3	762.2	18.12018	18.2
10/12/2016 22:10:44	16.67417	16.69796	16.65137	762.2151	762.3	762.2	18.12018	18.2
10/12/2016 22:15:44	16.67226	16.69217	16.65137	762.1707	762.2	762.1	18.1	18.1
10/12/2016 22:20:44	16.67226	16.69217	16.65137	762.1707	762.2	762.1	18.1	18.1
10/12/2016 22:25:44	16.67509	16.68672	16.64778	762.1	762.1	762.1	18.10336	18.2
10/12/2016 22:30:44	16.67509	16.68672	16.64778	762.1	762.1	762.1	18.10336	18.2
10/12/2016 22:35:44	16.67862	16.70791	16.66899	762.2	762.2	762.2	18.09326	18.1
10/12/2016 22:40:44	16.67862	16.70791	16.66899	762.2	762.2	762.2	18.09326	18.1
10/12/2016 22:45:44	16.67367	16.69818	16.66319	762.1272	762.2	762.1	18.06292	18.1
10/12/2016 22:50:44	16.67162	16.68092	16.6654	762.1	762.1	762.1	18.04372	18.1
10/12/2016 22:55:44	16.67162	16.68092	16.6654	762.1	762.1	762.1	18.04372	18.1
10/12/2016 23:00:44	16.67106	16.68092	16.66146	762.1	762.1	762.1	18.02698	18.1
10/12/2016 23:05:44	16.67505	16.69818	16.66899	762.1475	762.2	762.1	18.00909	18.1
10/12/2016 23:10:44	16.67394	16.68845	16.66146	762.1302	762.2	762.1	18.00337	18.1
10/12/2016 23:15:44	16.67767	16.70791	16.66899	762.1899	762.2	762.1	17.9697	18.1
10/12/2016 23:20:44	16.67752	16.69818	16.66899	762.2	762.2	762.2	17.96964	18
10/12/2016 23:25:44	16.67752	16.69818	16.66899	762.2	762.2	762.2	17.96964	18
10/12/2016 23:30:44	16.67729	16.70398	16.66899	762.1868	762.2	762.1	17.88315	18
10/12/2016 23:35:44	16.674	16.70039	16.65567	762.1	762.1	762.1	17.83597	18
10/12/2016 23:40:44	16.674	16.70039	16.65567	762.1	762.1	762.1	17.83597	18
10/12/2016 23:45:44	16.6735	16.69458	16.6654	762.1	762.1	762.1	17.75414	18
10/12/2016 23:50:44	16.6735	16.69458	16.6654	762.1	762.1	762.1	17.75414	18
10/12/2016 23:55:44	16.6741	16.69458	16.6654	762.1	762.1	762.1	17.74375	18
10/13/2016 00:00:44	16.67557	16.6985	16.64581	762.1445	762.2	762.1	17.7	17.7
10/13/2016 00:05:44	16.67352	16.7021	16.6574	762.2	762.2	762.2	17.70336	17.9
10/13/2016 00:10:44	16.67352	16.7021	16.6574	762.2	762.2	762.2	17.70336	17.9
10/13/2016 00:15:44	16.67775	16.70822	16.65773	762.1	762.1	762.1	17.67982	17.7
10/13/2016 00:20:44	16.67775	16.70822	16.65773	762.1	762.1	762.1	17.67982	17.7
10/13/2016 00:25:44	16.67757	16.70822	16.65773	762.1	762.1	762.1	17.68315	17.7
10/13/2016 00:30:44	16.67743	16.6985	16.66524	762.101	762.2	762.1	17.67307	17.7
10/13/2016 00:35:44	16.67515	16.6983	16.65944	762.1829	762.2	762.1	17.65289	17.7
10/13/2016 00:40:44	16.67659	16.70632	16.66164	762.1303	762.2	762.1	17.64276	17.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/13/2016 00:45:44	16.67483	16.68859	16.66524	762.2	762.2	762.2	17.60005	17.7
10/13/2016 00:50:44	16.67483	16.68859	16.66524	762.2	762.2	762.2	17.60005	17.7
10/13/2016 00:55:44	16.67535	16.69439	16.65553	762.2	762.2	762.2	17.60573	17.7
10/13/2016 01:00:44	16.67482	16.69629	16.65553	762.2	762.2	762.2	17.59327	17.7
10/13/2016 01:05:44	16.67452	16.69629	16.64581	762.2	762.2	762.2	17.58654	17.6
10/13/2016 01:10:44	16.67452	16.69629	16.64581	762.2	762.2	762.2	17.58654	17.6
10/13/2016 01:15:44	16.67751	16.6985	16.64801	762.1	762.1	762.1	17.5582	17.6
10/13/2016 01:20:44	16.67751	16.6985	16.64801	762.1	762.1	762.1	17.5582	17.6
10/13/2016 01:25:44	16.67566	16.68688	16.65773	762.1	762.1	762.1	17.52692	17.6
10/13/2016 01:30:44	16.67566	16.68688	16.65773	762.1	762.1	762.1	17.52692	17.6
10/13/2016 01:35:44	16.67714	16.68688	16.65553	762.1071	762.2	762.1	17.50677	17.6
10/13/2016 01:40:44	16.67583	16.68688	16.66524	762.1667	762.2	762.1	17.47541	17.6
10/13/2016 01:45:44	16.67583	16.68688	16.66524	762.1667	762.2	762.1	17.47541	17.6
10/13/2016 01:50:44	16.67585	16.69629	16.64581	762.2	762.2	762.2	17.46734	17.6
10/13/2016 01:55:44	16.67497	16.69238	16.65553	762.2	762.2	762.2	17.45384	17.6
10/13/2016 02:00:44	16.67497	16.69238	16.65553	762.2	762.2	762.2	17.45384	17.6
10/13/2016 02:05:44	16.6746	16.69238	16.63609	762.2	762.2	762.2	17.44038	17.5
10/13/2016 02:10:44	16.6746	16.69238	16.63609	762.2	762.2	762.2	17.44038	17.5
10/13/2016 02:15:44	16.6748	16.69238	16.64801	762.1747	762.2	762.1	17.44712	17.6
10/13/2016 02:20:44	16.6748	16.69238	16.64801	762.1747	762.2	762.1	17.44712	17.6
10/13/2016 02:25:44	16.67529	16.69439	16.65944	762.1778	762.2	762.1	17.44375	17.6
10/13/2016 02:30:44	16.67803	16.70801	16.65944	762.2	762.2	762.2	17.44036	17.5
10/13/2016 02:35:44	16.67764	16.6983	16.65944	762.2011	762.3	762.2	17.44045	17.6
10/13/2016 02:40:44	16.67588	16.6983	16.65755	762.2	762.2	762.2	17.43937	17.6
10/13/2016 02:45:44	16.67413	16.6983	16.65535	762.2848	762.3	762.2	17.41683	17.5
10/13/2016 02:50:44	16.67601	16.69637	16.66145	762.2	762.2	762.2	17.39999	17.5
10/13/2016 02:55:44	16.67601	16.69637	16.66145	762.2	762.2	762.2	17.39999	17.5
10/13/2016 03:00:44	16.67566	16.69637	16.65004	762.1232	762.2	762.1	17.38654	17.4
10/13/2016 03:05:44	16.67601	16.69469	16.65584	762.1	762.1	762.1	17.36969	17.4
10/13/2016 03:10:44	16.67573	16.69079	16.64613	762.1	762.1	762.1	17.33269	17.4
10/13/2016 03:15:44	16.6735	16.69079	16.65004	762.1	762.1	762.1	17.33602	17.4
10/13/2016 03:20:44	16.6759	16.69858	16.64033	762.0948	762.1	762	17.33029	17.4
10/13/2016 03:25:44	16.67433	16.7044	16.65584	762.1	762.1	762.1	17.32353	17.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/13/2016 03:30:44	16.67182	16.68688	16.66164	762.1	762.1	762.1	17.33372	17.4
10/13/2016 03:35:45	16.67794	16.70431	16.65773	762.0949	762.1	762	17.42697	17.6
10/13/2016 03:40:44	16.67794	16.70431	16.65773	762.0949	762.1	762	17.42697	17.6
10/13/2016 03:45:45	16.67549	16.70431	16.65773	762.1	762.1	762.1	17.62695	17.7
10/13/2016 03:50:44	16.67491	16.69458	16.65347	762.1152	762.2	762.1	17.71008	17.9
10/13/2016 03:55:44	16.67491	16.69458	16.65347	762.1152	762.2	762.1	17.71008	17.9
10/13/2016 04:00:44	16.67367	16.68845	16.65347	762.1707	762.2	762.1	18.06745	18.2
10/13/2016 04:05:44	16.67367	16.68845	16.65347	762.1707	762.2	762.1	18.06745	18.2
10/13/2016 04:10:45	16.67585	16.69458	16.65567	762.1	762.1	762.1	18.28419	18.5
10/13/2016 04:15:44	16.67585	16.69458	16.65567	762.1	762.1	762.1	18.28419	18.5
10/13/2016 04:20:44	16.67489	16.68485	16.65773	762.1	762.1	762.1	18.48527	18.6
10/13/2016 04:25:45	16.67594	16.70431	16.65567	762.0636	762.1	762	18.64716	18.7
10/13/2016 04:30:44	16.67594	16.70431	16.65567	762.0636	762.1	762	18.64716	18.7
10/13/2016 04:35:44	16.67689	16.69678	16.65207	762	762	762	18.71682	18.8
10/13/2016 04:40:44	16.67523	16.69285	16.64813	762	762	762	18.8381	18.9
10/13/2016 04:45:44	16.67547	16.69285	16.65392	762	762	762	18.92357	19.1
10/13/2016 04:50:45	16.67713	16.69678	16.65786	762	762	762	19.06835	19.1
10/13/2016 04:55:44	16.67713	16.69678	16.65786	762	762	762	19.06835	19.1
10/13/2016 05:00:44	16.67603	16.70651	16.65786	762	762	762	19.08989	19.2
10/13/2016 05:05:45	16.67656	16.7007	16.65773	762.0405	762.1	762	19.10336	19.2
10/13/2016 05:10:44	16.67656	16.7007	16.65773	762.0405	762.1	762	19.10336	19.2
10/13/2016 05:15:45	16.67327	16.69065	16.65567	762.1	762.1	762.1	19.07981	19.1
10/13/2016 05:20:44	16.67327	16.69065	16.65567	762.1	762.1	762.1	19.07981	19.1
10/13/2016 05:25:45	16.67344	16.69065	16.65567	762.1	762.1	762.1	19.03944	19.1
10/13/2016 05:30:44	16.67344	16.69065	16.65567	762.1	762.1	762.1	19.03944	19.1
10/13/2016 05:35:45	16.67387	16.69065	16.65173	762.102	762.2	762.1	19.06634	19.1
10/13/2016 05:40:44	16.67387	16.69065	16.65173	762.102	762.2	762.1	19.06634	19.1
10/13/2016 05:45:44	16.67343	16.69065	16.65173	762.1303	762.2	762.1	19.08656	19.1
10/13/2016 05:50:45	16.67185	16.68092	16.65173	762.1	762.1	762.1	19.10336	19.2
10/13/2016 05:55:45	16.67411	16.68672	16.65173	762.1313	762.2	762.1	19.11344	19.2
10/13/2016 06:00:44	16.67411	16.68672	16.65173	762.1313	762.2	762.1	19.11344	19.2
10/13/2016 06:05:44	16.67878	16.68845	16.66899	762.2	762.2	762.2	19.1034	19.2
10/13/2016 06:10:45	16.6765	16.68845	16.66319	762.2	762.2	762.2	19.13372	19.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/13/2016 06:15:44	16.6765	16.68845	16.66319	762.2	762.2	762.2	19.13372	19.2
10/13/2016 06:20:44	16.67586	16.69065	16.65926	762.1768	762.2	762.1	19.13263	19.2
10/13/2016 06:25:44	16.67581	16.69065	16.65926	762.1718	762.2	762.1	19.10679	19.2
10/13/2016 06:30:45	16.67757	16.69425	16.65926	762.194	762.2	762.1	19.08991	19.2
10/13/2016 06:35:44	16.67757	16.69425	16.65926	762.194	762.2	762.1	19.08991	19.2
10/13/2016 06:40:45	16.67651	16.68845	16.66505	762.2	762.2	762.2	19.0899	19.2
10/13/2016 06:45:44	16.67672	16.68451	16.66899	762.2	762.2	762.2	19.06634	19.1
10/13/2016 06:50:45	16.67559	16.69238	16.66319	762.2	762.2	762.2	19.04605	19.1
10/13/2016 06:55:44	16.67353	16.69238	16.66319	762.2	762.2	762.2	19.02113	19.1
10/13/2016 07:00:45	16.67465	16.69629	16.65553	762.2	762.2	762.2	18.94712	19.1
10/13/2016 07:05:45	16.67446	16.7021	16.65333	762.2303	762.3	762.2	18.90667	19.1
10/13/2016 07:10:44	16.67446	16.7021	16.65333	762.2303	762.3	762.2	18.90667	19.1
10/13/2016 07:15:45	16.67581	16.68657	16.64581	762.2	762.2	762.2	18.80231	18.9
10/13/2016 07:20:44	16.67581	16.68657	16.64581	762.2	762.2	762.2	18.80231	18.9
10/13/2016 07:25:45	16.67586	16.69238	16.64581	762.2	762.2	762.2	18.73702	18.9
10/13/2016 07:30:45	16.67599	16.69238	16.65347	762.2061	762.3	762.2	18.66293	18.7
10/13/2016 07:35:45	16.67599	16.69238	16.65347	762.2061	762.3	762.2	18.66293	18.7
10/13/2016 07:40:44	16.67534	16.69796	16.65137	762.2122	762.3	762.2	18.64717	18.7
10/13/2016 07:45:45	16.67527	16.6918	16.64703	762.3	762.3	762.3	18.68323	18.8
10/13/2016 07:50:45	16.6748	16.69543	16.65639	762.3	762.3	762.3	18.93379	19.1
10/13/2016 07:55:45	16.6748	16.69543	16.65639	762.3	762.3	762.3	18.93379	19.1
10/13/2016 08:00:45	16.67297	16.69104	16.65195	762.4111	762.5	762.4	19.33473	19.4
10/13/2016 08:05:44	16.67297	16.69104	16.65195	762.4111	762.5	762.4	19.33473	19.4
10/13/2016 08:10:45	16.67296	16.69411	16.65091	762.5	762.5	762.5	19.83815	20
10/13/2016 08:15:45	16.67296	16.69411	16.65091	762.5	762.5	762.5	19.83815	20
10/13/2016 08:20:44	16.67411	16.68776	16.65276	762.5788	762.6	762.5	20.09458	20.4
10/13/2016 08:25:45	16.67545	16.69418	16.64756	762.6697	762.7	762.6	20.65729	20.9
10/13/2016 08:30:45	16.67545	16.69418	16.64756	762.6697	762.7	762.6	20.65729	20.9
10/13/2016 08:35:45	16.67546	16.71374	16.64135	762.6657	762.7	762.6	20.83147	21
10/13/2016 08:40:45	16.67421	16.6942	16.65513	762.6869	762.7	762.6	20.95629	21
10/13/2016 08:45:45	16.67191	16.69021	16.65513	762.7	762.7	762.7	21.00337	21.1
10/13/2016 08:50:45	16.67215	16.69777	16.65293	762.792	762.9	762.7	20.99663	21.1
10/13/2016 08:55:45	16.6735	16.70131	16.64226	762.9263	763	762.8	21	21.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/13/2016 09:00:45	16.6735	16.70131	16.64226	762.9263	763	762.8	21	21.1
10/13/2016 09:05:45	16.67512	16.68538	16.66407	763	763	763	21.03368	21.1
10/13/2016 09:10:45	16.67606	16.6876	16.65831	763	763	763	20.99666	21.1
10/13/2016 09:15:44	16.67581	16.69159	16.64059	763.0172	763.1	763	20.88888	21
10/13/2016 09:20:45	16.67414	16.70713	16.65254	763	763	763	20.72155	21
10/13/2016 09:25:45	16.6778	16.69777	16.65831	762.9938	763	762.8	20.65961	20.7
10/13/2016 09:30:44	16.6778	16.69777	16.65831	762.9938	763	762.8	20.65961	20.7
10/13/2016 09:35:45	16.67487	16.68978	16.64893	762.8	762.8	762.8	20.66972	20.7
10/13/2016 09:40:45	16.6734	16.7085	16.65392	763.0647	763.2	762.9	20.8382	21
10/13/2016 09:45:45	16.6734	16.7085	16.65392	763.0647	763.2	762.9	20.8382	21
10/13/2016 09:50:45	16.67772	16.69735	16.65559	762.9474	763.1	762.9	20.93371	21
10/13/2016 09:55:45	16.67605	16.70145	16.64737	762.9829	763	762.9	21.16073	21.3
10/13/2016 10:00:45	16.67605	16.70145	16.64737	762.9829	763	762.9	21.16073	21.3
10/13/2016 10:05:45	16.67371	16.69738	16.64474	762.9303	763	762.9	21.46168	21.6
10/13/2016 10:10:45	16.67611	16.6979	16.65119	762.9	762.9	762.9	22.16952	22.4
10/13/2016 10:15:45	16.67448	16.68895	16.65531	762.9	762.9	762.9	22.57863	22.9
10/13/2016 10:20:45	16.67448	16.68895	16.65531	762.9	762.9	762.9	22.57863	22.9
10/13/2016 10:25:45	16.67607	16.69468	16.65724	762.9899	763	762.9	23.14951	23.4
10/13/2016 10:30:45	16.67556	16.70041	16.65883	762.901	763	762.9	23.5967	23.7
10/13/2016 10:35:45	16.67556	16.70041	16.65883	762.901	763	762.9	23.5967	23.7
10/13/2016 10:40:45	16.67554	16.68895	16.6521	762.902	763	762.9	23.64946	23.7
10/13/2016 10:45:45	16.67554	16.68895	16.6521	762.902	763	762.9	23.64946	23.7
10/13/2016 10:50:45	16.67732	16.70069	16.65312	762.9889	763	762.9	23.58651	23.7
10/13/2016 10:55:45	16.67547	16.69248	16.65531	762.9636	763	762.9	23.53936	23.6
10/13/2016 11:00:45	16.67607	16.69659	16.65724	763	763	763	23.48652	23.6
10/13/2016 11:05:45	16.67788	16.70935	16.6547	762.9858	763	762.9	23.46298	23.6
10/13/2016 11:10:45	16.67788	16.70935	16.6547	762.9858	763	762.9	23.46298	23.6
10/13/2016 11:15:45	16.67613	16.70106	16.65104	762.9041	763	762.9	23.58755	23.7
10/13/2016 11:20:45	16.67173	16.69208	16.63395	762.996	763.1	762.9	23.76174	24
10/13/2016 11:25:45	16.67475	16.69625	16.65939	763	763	763	24.15293	24.2
10/13/2016 11:30:45	16.67475	16.69625	16.65939	763	763	763	24.15293	24.2
10/13/2016 11:35:45	16.67613	16.6957	16.65883	763.004	763.1	763	24.15955	24.2
10/13/2016 11:40:45	16.67613	16.6957	16.65883	763.004	763.1	763	24.15955	24.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/13/2016 11:45:45	16.67691	16.69779	16.6547	762.9949	763	762.9	24.09336	24.2
10/13/2016 11:50:45	16.67491	16.72809	16.51076	762.8898	763	762.8	24.15627	24.3
10/13/2016 11:55:45	16.67612	16.70942	16.65256	762.915	763	762.8	24.27761	24.5
10/13/2016 12:00:45	16.6749	16.69952	16.64287	762.806	762.9	762.7	24.66072	24.8
10/13/2016 12:05:45	16.6749	16.69952	16.64287	762.806	762.9	762.7	24.66072	24.8
10/13/2016 12:10:45	16.67433	16.69032	16.65496	762.7051	762.8	762.7	24.90001	25.1
10/13/2016 12:15:45	16.67433	16.69032	16.65496	762.7051	762.8	762.7	24.90001	25.1
10/13/2016 12:20:45	16.67565	16.69753	16.66065	762.704	762.8	762.7	24.92708	25.2
10/13/2016 12:25:45	16.67655	16.69627	16.66065	762.7	762.7	762.7	25.05286	25.3
10/13/2016 12:30:45	16.67397	16.69131	16.65223	762.6738	762.7	762.6	25.20101	25.3
10/13/2016 12:35:45	16.67544	16.69131	16.66158	762.6393	762.7	762.6	25.28319	25.4
10/13/2016 12:40:45	16.67523	16.70068	16.65955	762.5464	762.6	762.5	25.34716	25.4
10/13/2016 12:45:45	16.6741	16.69644	16.65955	762.4969	762.5	762.4	25.41344	25.5
10/13/2016 12:50:45	16.67466	16.70009	16.65607	762.4	762.4	762.4	25.67644	25.9
10/13/2016 12:55:45	16.67466	16.70009	16.65607	762.4	762.4	762.4	25.67644	25.9
10/13/2016 13:00:45	16.6736	16.69296	16.65183	762.4	762.4	762.4	25.86297	26
10/13/2016 13:05:45	16.6736	16.69296	16.65183	762.4	762.4	762.4	25.86297	26
10/13/2016 13:10:45	16.67591	16.69519	16.64269	762.299	762.3	762.2	25.92689	26
10/13/2016 13:15:45	16.67591	16.69519	16.64269	762.299	762.3	762.2	25.92689	26
10/13/2016 13:20:45	16.67675	16.7067	16.65986	762.0888	762.1	762	26.14053	26.3
10/13/2016 13:25:45	16.67675	16.7067	16.65986	762.0888	762.1	762	26.14053	26.3
10/13/2016 13:30:45	16.67394	16.69184	16.6507	762.0131	762.1	762	26.145	26.3
10/13/2016 13:35:45	16.67403	16.69405	16.65781	761.9545	762	761.9	25.99992	26.1
10/13/2016 13:40:45	16.67403	16.69405	16.65781	761.9545	762	761.9	25.99992	26.1
10/13/2016 13:45:45	16.67568	16.70401	16.65433	761.9	761.9	761.9	26.30344	26.4
10/13/2016 13:50:45	16.67568	16.70401	16.65433	761.9	761.9	761.9	26.30344	26.4
10/13/2016 13:55:45	16.67188	16.70653	16.63138	761.9	761.9	761.9	26.73148	27
10/13/2016 14:00:45	16.67188	16.70653	16.63138	761.9	761.9	761.9	26.73148	27
10/13/2016 14:05:45	16.67471	16.69252	16.6513	761.9	761.9	761.9	26.89564	27
10/13/2016 14:10:45	16.67471	16.69252	16.6513	761.9	761.9	761.9	26.89564	27
10/13/2016 14:15:45	16.67564	16.69198	16.65714	761.8514	761.9	761.8	26.75504	26.9
10/13/2016 14:20:45	16.67452	16.70053	16.6494	761.8	761.8	761.8	26.67075	26.9
10/13/2016 14:25:45	16.6751	16.69902	16.6551	761.8	761.8	761.8	26.58199	26.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/13/2016 14:30:45	16.67364	16.68763	16.65495	761.8	761.8	761.8	26.23807	26.5
10/13/2016 14:35:45	16.67326	16.69405	16.65074	761.7424	761.8	761.7	25.82229	26
10/13/2016 14:40:45	16.67572	16.70066	16.6566	761.6252	761.7	761.5	25.45949	25.7
10/13/2016 14:45:45	16.677	16.69625	16.65805	761.3616	761.6	761.2	25.18082	25.3
10/13/2016 14:50:45	16.677	16.69625	16.65805	761.3616	761.6	761.2	25.18082	25.3
10/13/2016 14:55:45	16.67562	16.69571	16.65457	761.4384	761.6	761.3	25.32356	25.4
10/13/2016 15:00:45	16.67562	16.69571	16.65457	761.4384	761.6	761.3	25.32356	25.4
10/13/2016 15:05:45	16.67411	16.69571	16.65602	761.5131	761.6	761.5	25.36063	25.5
10/13/2016 15:10:45	16.67471	16.69571	16.65237	761.5424	761.6	761.4	25.3899	25.4
10/13/2016 15:15:45	16.67383	16.70416	16.65237	761.5555	761.6	761.4	25.4	25.4
10/13/2016 15:20:45	16.676	16.69846	16.65164	761.4818	761.6	761.4	25.37635	25.5
10/13/2016 15:25:45	16.67515	16.69415	16.65154	761.2939	761.4	761.2	25.23252	25.4
10/13/2016 15:30:45	16.67515	16.69415	16.65154	761.2939	761.4	761.2	25.23252	25.4
10/13/2016 15:35:45	16.67422	16.69295	16.64962	761.3262	761.4	761.2	25.03589	25.3
10/13/2016 15:40:45	16.6739	16.68844	16.65374	761.2656	761.4	761.1	24.79217	24.9
10/13/2016 15:45:45	16.6739	16.68844	16.65374	761.2656	761.4	761.1	24.79217	24.9
10/13/2016 15:50:45	16.67522	16.69525	16.65989	761.2697	761.3	761.2	24.58882	24.7
10/13/2016 15:55:45	16.67447	16.6977	16.65244	761.002	761.1	760.9	24.26293	24.3
10/13/2016 16:00:45	16.67447	16.6977	16.65244	761.002	761.1	760.9	24.26293	24.3
10/13/2016 16:05:45	16.67414	16.69506	16.66232	760.9302	761	760.9	24.19325	24.3
10/13/2016 16:10:45	16.67414	16.69506	16.66232	760.9302	761	760.9	24.19325	24.3
10/13/2016 16:15:45	16.67295	16.69727	16.63486	760.901	761	760.9	24.19653	24.3
10/13/2016 16:20:45	16.67709	16.7144	16.65346	760.9	760.9	760.9	24.25159	24.6
10/13/2016 16:25:45	16.67241	16.69307	16.64776	760.8837	760.9	760.8	24.47518	24.6
10/13/2016 16:30:45	16.67241	16.69307	16.64776	760.8837	760.9	760.8	24.47518	24.6
10/13/2016 16:35:45	16.67385	16.69068	16.65376	760.8	760.8	760.8	24.33699	24.6
10/13/2016 16:40:45	16.67385	16.69068	16.65376	760.8	760.8	760.8	24.33699	24.6
10/13/2016 16:45:45	16.6741	16.69741	16.64543	760.801	760.9	760.8	24.21236	24.3
10/13/2016 16:50:45	16.67677	16.69741	16.64389	760.8	760.8	760.8	24.09991	24.2
10/13/2016 16:55:45	16.67403	16.70629	16.65531	760.8	760.8	760.8	23.99655	24.1
10/13/2016 17:00:45	16.6761	16.69962	16.64297	760.7011	760.8	760.7	23.86514	24
10/13/2016 17:05:45	16.6761	16.69962	16.64297	760.7011	760.8	760.7	23.86514	24
10/13/2016 17:10:45	16.67524	16.70376	16.64869	760.7	760.7	760.7	23.51805	23.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/13/2016 17:15:45	16.6757	16.68623	16.66233	760.602	760.7	760.6	23.3055	23.4
10/13/2016 17:20:45	0	0	0	760.5798	760.7	760.5	22.7956	22.9
10/13/2016 17:25:45	0	0	0	760.5798	760.7	760.5	22.7956	22.9
10/13/2016 17:30:45	0	0	0	760.5444	760.6	760.4	22.64825	22.8
10/13/2016 17:35:45	0	0	0	760.4898	760.5	760.4	22.39318	22.5
10/13/2016 17:40:45	0	0	0	760.397	760.5	760.3	22.27636	22.4
10/13/2016 17:45:45	0	0	0	760.3798	760.4	760.3	22.16624	22.3
10/13/2016 17:50:45	0	0	0	760.2676	760.4	760.2	21.91124	22.1
10/13/2016 17:55:45	0	0	0	760.2374	760.3	760.2	21.74709	21.9
10/13/2016 18:00:45	0	0	0	760.1726	760.3	760.1	21.64609	21.7
10/13/2016 18:05:45	0	0	0	760.103	760.2	760	21.31009	21.6
10/13/2016 18:10:45	0	0	0	760.0777	760.1	760	21.20908	21.3
10/13/2016 18:15:45	0	0	0	760.0777	760.1	760	21.20908	21.3
10/13/2016 18:20:45	0	0	0	760.0212	760.2	760	21.10235	21.3
10/13/2016 18:25:45	0	0	0	759.998	760	759.9	21.01917	21.1
10/13/2016 18:30:45	0	0	0	759.9202	760	759.9	20.89884	21
10/13/2016 18:35:45	0	0	0	760.001	760.1	760	20.69656	20.9
10/13/2016 18:40:45	0	0	0	759.999	760	759.9	20.46188	20.6
10/13/2016 18:45:45	0	0	0	759.9838	760	759.9	20.34608	20.4
10/13/2016 18:50:45	0	0	0	759.902	760	759.9	20.23591	20.3
10/13/2016 18:55:45	0	0	0	759.9283	760	759.9	20.06291	20.1
10/13/2016 19:00:45	0	0	0	760	760	760	19.98655	20.1
10/13/2016 19:05:45	0	0	0	760.0173	760.1	760	19.872	20
10/13/2016 19:10:45	0	0	0	760.0889	760.1	760	19.8	19.8
10/13/2016 19:15:45	0	0	0	760.1445	760.2	760.1	19.7158	19.8
10/13/2016 19:20:45	1.9914	16.66305	0	760.1884	760.3	760.1	19.58699	19.7
10/13/2016 19:25:45	16.68067	16.69865	16.65948	760.201	760.3	760.2	19.34606	19.4
10/13/2016 19:30:45	16.67674	16.69645	16.65151	760.2889	760.3	760.2	19.25281	19.3
10/13/2016 19:35:45	16.67444	16.69645	16.65151	760.3	760.3	760.3	19.13599	19.2
10/13/2016 19:40:45	16.67595	16.70045	16.6591	760.3647	760.4	760.3	18.88992	19.1
10/13/2016 19:45:45	16.67595	16.70045	16.6591	760.3647	760.4	760.3	18.88992	19.1
10/13/2016 19:50:45	16.67278	16.69645	16.65151	760.3021	760.4	760.3	18.80224	18.9
10/13/2016 19:55:45	16.67565	16.68625	16.66227	760.5587	760.7	760.5	18.72151	18.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/13/2016 20:00:45	16.67565	16.68625	16.66227	760.5587	760.7	760.5	18.72151	18.9
10/13/2016 20:05:45	16.67611	16.69162	16.66007	760.7546	760.8	760.7	18.68655	18.7
10/13/2016 20:10:45	16.67263	16.69162	16.65073	760.7112	760.8	760.7	18.64272	18.7
10/13/2016 20:15:45	16.67263	16.69162	16.65073	760.7112	760.8	760.7	18.64272	18.7
10/13/2016 20:20:45	16.67949	16.6992	16.6583	760.8	760.8	760.8	18.62017	18.7
10/13/2016 20:25:45	16.67877	16.70898	16.6583	760.8	760.8	760.8	18.60346	18.7
10/13/2016 20:30:45	16.67858	16.6992	16.64853	760.801	760.9	760.8	18.60571	18.7
10/13/2016 20:35:45	16.67725	16.6992	16.64633	760.8647	760.9	760.8	18.60336	18.7
10/13/2016 20:40:45	16.67725	16.6992	16.64633	760.8647	760.9	760.8	18.60336	18.7
10/13/2016 20:45:45	16.67581	16.69699	16.64412	760.9485	761	760.9	18.5899	18.6
10/13/2016 20:50:45	16.67514	16.69478	16.6539	760.9969	761	760.9	18.60336	18.7
10/13/2016 20:55:45	16.6769	16.69699	16.63655	760.908	761	760.9	18.59999	18.7
10/13/2016 21:00:45	16.67549	16.68721	16.65566	760.9294	761	760.9	18.58317	18.6
10/13/2016 21:05:45	16.67327	16.685	16.64412	761.0515	761.1	761	18.59664	18.6
10/13/2016 21:10:45	16.67327	16.685	16.64412	761.0515	761.1	761	18.59664	18.6
10/13/2016 21:15:45	16.67168	16.68101	16.66546	761.1	761.1	761.1	18.59317	18.6
10/13/2016 21:20:45	16.67168	16.68101	16.66546	761.1	761.1	761.1	18.59317	18.6
10/13/2016 21:25:45	16.67198	16.68101	16.6517	761.1	761.1	761.1	18.5808	18.6
10/13/2016 21:30:45	16.67599	16.7085	16.65968	761.1	761.1	761.1	18.56637	18.6
10/13/2016 21:35:45	16.67511	16.69653	16.66724	761.1788	761.2	761.1	18.55281	18.6
10/13/2016 21:40:45	16.67511	16.69653	16.66724	761.1788	761.2	761.1	18.55281	18.6
10/13/2016 21:45:45	16.67586	16.68858	16.64552	761.2657	761.3	761.2	18.4987	18.6
10/13/2016 21:50:45	16.67586	16.68858	16.64552	761.2657	761.3	761.2	18.4987	18.6
10/13/2016 21:55:45	16.67342	16.68637	16.64332	761.3445	761.4	761.3	18.45288	18.6
10/13/2016 22:00:45	16.67342	16.68637	16.64332	761.3445	761.4	761.3	18.45288	18.6
10/13/2016 22:05:45	16.67228	16.69212	16.66682	761.4	761.4	761.4	18.44963	18.6
10/13/2016 22:10:45	16.67326	16.71164	16.66682	761.4	761.4	761.4	18.40915	18.6
10/13/2016 22:15:45	16.67328	16.70188	16.65706	761.4273	761.5	761.4	18.35184	18.5
10/13/2016 22:20:45	16.67306	16.69389	16.65486	761.5	761.5	761.5	18.36059	18.5
10/13/2016 22:25:45	16.67419	16.70943	16.65486	761.5	761.5	761.5	18.3101	18.5
10/13/2016 22:30:45	16.67448	16.70364	16.65883	761.5	761.5	761.5	18.29328	18.3
10/13/2016 22:35:45	16.67548	16.70585	16.64947	761.4262	761.5	761.4	18.28654	18.3
10/13/2016 22:40:45	16.67567	16.7076	16.64727	761.4213	761.5	761.4	18.27983	18.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/13/2016 22:45:45	16.67587	16.69784	16.65123	761.5	761.5	761.5	18.20337	18.3
10/13/2016 22:50:45	16.67587	16.69784	16.65123	761.5	761.5	761.5	18.20337	18.3
10/13/2016 22:55:45	16.674	16.696	16.64544	761.4918	761.5	761.4	18.173	18.3
10/13/2016 23:00:45	16.67381	16.6902	16.64544	761.5	761.5	761.5	18.1259	18.2
10/13/2016 23:05:45	16.67381	16.6902	16.64544	761.5	761.5	761.5	18.1259	18.2
10/13/2016 23:10:45	16.67595	16.69634	16.64764	761.4	761.4	761.4	18.10673	18.2
10/13/2016 23:15:45	16.67595	16.69634	16.64764	761.4	761.4	761.4	18.10673	18.2
10/13/2016 23:20:45	16.67651	16.69634	16.65159	761.4	761.4	761.4	18.08654	18.1
10/13/2016 23:25:45	16.67651	16.69634	16.65159	761.4	761.4	761.4	18.08654	18.1
10/13/2016 23:30:45	16.67631	16.70609	16.65738	761.4	761.4	761.4	18.02352	18.1
10/13/2016 23:35:45	16.67631	16.70609	16.65738	761.4	761.4	761.4	18.02352	18.1
10/13/2016 23:40:45	16.6768	16.70609	16.65738	761.4	761.4	761.4	18.00335	18.1
10/13/2016 23:45:45	16.67637	16.70609	16.66133	761.4	761.4	761.4	17.98072	18
10/13/2016 23:50:45	16.67637	16.70609	16.66133	761.4	761.4	761.4	17.98072	18
10/13/2016 23:55:45	16.67582	16.70609	16.66887	761.4778	761.5	761.4	17.91015	18
10/14/2016 00:00:45	16.67582	16.70609	16.66887	761.4778	761.5	761.4	17.91015	18
10/14/2016 00:05:45	16.6777	16.71362	16.66307	761.5	761.5	761.5	17.86202	18
10/14/2016 00:10:45	16.67218	16.702	16.65148	761.5	761.5	761.5	17.73161	17.9
10/14/2016 00:15:45	16.67218	16.702	16.65148	761.5	761.5	761.5	17.73161	17.9
10/14/2016 00:20:45	16.67137	16.702	16.65148	761.5	761.5	761.5	17.7	17.7
10/14/2016 00:25:45	16.67191	16.70781	16.65148	761.5	761.5	761.5	17.69664	17.7
10/14/2016 00:30:45	16.67295	16.70781	16.65148	761.5	761.5	761.5	17.70336	17.9
10/14/2016 00:35:45	16.67195	16.702	16.65148	761.5	761.5	761.5	17.69663	17.7
10/14/2016 00:40:45	16.67099	16.69429	16.65148	761.5	761.5	761.5	17.68309	17.7
10/14/2016 00:45:45	16.67116	16.70011	16.6612	761.5	761.5	761.5	17.65964	17.7
10/14/2016 00:50:45	16.67125	16.70011	16.6554	761.5	761.5	761.5	17.66299	17.7
10/14/2016 00:55:45	16.67125	16.70011	16.6554	761.5	761.5	761.5	17.66299	17.7
10/14/2016 01:00:45	16.67159	16.702	16.6612	761.5	761.5	761.5	17.6731	17.7
10/14/2016 01:05:45	16.67154	16.69038	16.65148	761.5	761.5	761.5	17.64954	17.7
10/14/2016 01:10:45	16.67307	16.69038	16.64568	761.5	761.5	761.5	17.69326	17.7
10/14/2016 01:15:45	16.67307	16.69038	16.64568	761.5	761.5	761.5	17.69326	17.7
10/14/2016 01:20:45	16.67311	16.69038	16.64568	761.5101	761.6	761.5	17.7	17.7
10/14/2016 01:25:45	16.67311	16.69038	16.64568	761.5101	761.6	761.5	17.7	17.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/14/2016 01:30:45	16.67258	16.69209	16.64348	761.6	761.6	761.6	17.7	17.7
10/14/2016 01:35:45	16.67258	16.69209	16.64348	761.6	761.6	761.6	17.7	17.7
10/14/2016 01:40:45	16.67118	16.68988	16.66072	761.7	761.7	761.7	17.71345	17.9
10/14/2016 01:45:45	16.67118	16.68988	16.66072	761.7	761.7	761.7	17.71345	17.9
10/14/2016 01:50:45	16.67431	16.69569	16.6546	761.7808	761.8	761.7	17.94586	18
10/14/2016 01:55:45	16.67431	16.69569	16.6546	761.7808	761.8	761.7	17.94586	18
10/14/2016 02:00:45	16.67609	16.69726	16.65253	761.8	761.8	761.8	18.08083	18.1
10/14/2016 02:05:45	16.67609	16.69726	16.65253	761.8	761.8	761.8	18.08083	18.1
10/14/2016 02:10:45	16.67703	16.69332	16.65832	761.8	761.8	761.8	18.12028	18.2
10/14/2016 02:15:45	16.67728	16.68973	16.65079	761.7798	761.8	761.7	18.20686	18.3
10/14/2016 02:20:45	16.67589	16.68753	16.66226	761.8	761.8	761.8	18.34043	18.5
10/14/2016 02:25:45	16.67505	16.67779	16.66226	761.8	761.8	761.8	18.48534	18.6
10/14/2016 02:30:45	16.67368	16.69538	16.6546	761.8	761.8	761.8	18.57994	18.7
10/14/2016 02:35:45	16.6742	16.69349	16.65852	761.8	761.8	761.8	18.60244	18.7
10/14/2016 02:40:45	16.67528	16.69587	16.66446	761.6676	761.7	761.6	18.68653	18.7
10/14/2016 02:45:45	16.67528	16.69587	16.66446	761.6676	761.7	761.6	18.68653	18.7
10/14/2016 02:50:45	16.67513	16.69587	16.659	761.6	761.6	761.6	18.68991	18.7
10/14/2016 02:55:45	16.67718	16.68613	16.66446	761.6879	761.7	761.6	18.72029	18.8
10/14/2016 03:00:45	16.67189	16.68973	16.66052	761.7	761.7	761.7	18.73286	18.9
10/14/2016 03:05:45	16.6745	16.68973	16.65473	761.7	761.7	761.7	18.87981	18.9
10/14/2016 03:10:45	16.6745	16.68973	16.65473	761.7	761.7	761.7	18.87981	18.9
10/14/2016 03:15:45	16.67282	16.68973	16.66052	761.7	761.7	761.7	18.88654	18.9
10/14/2016 03:20:45	16.67394	16.69193	16.65298	761.6	761.6	761.6	18.98748	19.1
10/14/2016 03:25:45	16.67394	16.69193	16.65298	761.6	761.6	761.6	18.98748	19.1
10/14/2016 03:30:45	16.67321	16.68799	16.65298	761.6	761.6	761.6	18.98765	19.1
10/14/2016 03:35:45	16.67341	16.69006	16.65693	761.6313	761.7	761.6	19.08655	19.1
10/14/2016 03:40:45	16.67341	16.69006	16.65693	761.6313	761.7	761.6	19.08655	19.1
10/14/2016 03:45:45	16.67692	16.69979	16.64928	761.6777	761.7	761.6	19.05949	19.1
10/14/2016 03:50:45	16.67695	16.69979	16.64928	761.6	761.6	761.6	19.00087	19.1
10/14/2016 03:55:45	16.67583	16.69587	16.659	761.6	761.6	761.6	18.95377	19.1
10/14/2016 04:00:45	16.67338	16.70167	16.65693	761.603	761.7	761.6	18.90332	19.1
10/14/2016 04:05:45	16.67338	16.70167	16.65693	761.603	761.7	761.6	18.90332	19.1
10/14/2016 04:10:45	16.67332	16.69587	16.65693	761.6	761.6	761.6	18.9	18.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/14/2016 04:15:45	16.67458	16.69553	16.65079	761.6586	761.7	761.6	18.94035	19.1
10/14/2016 04:20:45	16.67368	16.69344	16.65261	761.7	761.7	761.7	19.0617	19.1
10/14/2016 04:25:45	16.67368	16.69344	16.65261	761.7	761.7	761.7	19.0617	19.1
10/14/2016 04:30:45	16.672	16.68369	16.65261	761.7011	761.8	761.7	19.09671	19.2
10/14/2016 04:35:45	16.67431	16.68579	16.66052	761.7	761.7	761.7	19.19425	19.3
10/14/2016 04:40:45	16.67431	16.68579	16.66052	761.7	761.7	761.7	19.19425	19.3
10/14/2016 04:45:45	16.67454	16.68579	16.66236	761.7	761.7	761.7	19.25281	19.3
10/14/2016 04:50:45	16.67454	16.68579	16.66236	761.7	761.7	761.7	19.25281	19.3
10/14/2016 04:55:45	16.67711	16.69726	16.65832	761.804	761.9	761.8	19.28991	19.3
10/14/2016 05:00:45	16.67711	16.69726	16.65832	761.804	761.9	761.8	19.28991	19.3
10/14/2016 05:05:45	16.67763	16.68973	16.64859	761.8	761.9	761.7	19.23609	19.3
10/14/2016 05:10:45	16.67763	16.68973	16.64859	761.8	761.9	761.7	19.23609	19.3
10/14/2016 05:15:45	16.67617	16.68753	16.6428	761.8111	761.9	761.8	19.21918	19.3
10/14/2016 05:20:45	16.67617	16.68753	16.6428	761.8111	761.9	761.8	19.21918	19.3
10/14/2016 05:25:45	16.67775	16.68753	16.65832	761.7717	761.8	761.7	19.15951	19.2
10/14/2016 05:30:45	16.67775	16.68753	16.65832	761.7717	761.8	761.7	19.15951	19.2
10/14/2016 05:35:45	16.67399	16.68753	16.66806	761.7566	761.8	761.7	19.1472	19.2
10/14/2016 05:40:45	16.67691	16.68753	16.65832	761.8	761.8	761.8	19.17643	19.3
10/14/2016 05:45:45	16.6751	16.68938	16.65832	761.8	761.8	761.8	19.16623	19.3
10/14/2016 05:50:45	16.67436	16.68938	16.66052	761.7515	761.8	761.7	19.18082	19.3
10/14/2016 05:55:45	16.67479	16.69923	16.66236	761.7	761.7	761.7	19.2067	19.3
10/14/2016 06:00:45	16.67729	16.68948	16.66236	761.7101	761.8	761.7	19.24719	19.3
10/14/2016 06:05:45	16.67654	16.69703	16.66016	761.7728	761.8	761.7	19.28653	19.3
10/14/2016 06:10:45	16.67886	16.70887	16.66016	761.8	761.8	761.8	19.32704	19.4
10/14/2016 06:15:45	16.67835	16.69913	16.66016	761.801	761.9	761.8	19.39664	19.4
10/14/2016 06:20:45	16.67835	16.69913	16.66016	761.801	761.9	761.8	19.39664	19.4
10/14/2016 06:25:45	16.67582	16.69913	16.65218	761.8556	761.9	761.8	19.40336	19.5
10/14/2016 06:30:45	16.67717	16.70666	16.66191	761.9	761.9	761.9	19.4909	19.7
10/14/2016 06:35:45	16.67788	16.69878	16.65796	761.8746	761.9	761.8	19.62128	19.7
10/14/2016 06:40:45	16.67788	16.69878	16.65796	761.8746	761.9	761.8	19.62128	19.7
10/14/2016 06:45:45	16.677	16.69703	16.65042	761.8	761.8	761.8	19.62598	19.7
10/14/2016 06:50:45	16.67507	16.69703	16.65004	761.8353	761.9	761.8	19.67979	19.7
10/14/2016 06:55:45	16.67507	16.69703	16.65004	761.8353	761.9	761.8	19.67979	19.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/14/2016 07:00:45	16.67702	16.69703	16.65042	761.8586	761.9	761.8	19.71345	19.8
10/14/2016 07:05:45	16.67593	16.69482	16.65796	761.8898	761.9	761.8	19.73272	19.8
10/14/2016 07:10:45	16.67593	16.69482	16.65796	761.8898	761.9	761.8	19.73272	19.8
10/14/2016 07:15:45	16.67665	16.68727	16.65582	761.8323	761.9	761.8	19.75626	19.8
10/14/2016 07:20:45	16.6762	16.69482	16.65582	761.8868	761.9	761.8	19.7832	19.8
10/14/2016 07:25:45	16.67715	16.69878	16.65796	761.8868	761.9	761.8	19.78991	19.8
10/14/2016 07:30:45	16.67715	16.69878	16.65796	761.8868	761.9	761.8	19.78991	19.8
10/14/2016 07:35:45	16.67709	16.69482	16.65042	761.8173	761.9	761.8	19.75961	19.8
10/14/2016 07:40:45	16.67709	16.69482	16.65042	761.8173	761.9	761.8	19.75961	19.8
10/14/2016 07:45:45	16.67686	16.69878	16.65796	761.8969	761.9	761.8	19.77971	19.8
10/14/2016 07:50:45	16.6787	16.70457	16.65796	761.9	761.9	761.9	19.72692	19.8
10/14/2016 07:55:45	16.67593	16.69482	16.64822	761.9	761.9	761.9	19.57216	19.7
10/14/2016 08:00:45	16.67593	16.69482	16.64822	761.9	761.9	761.9	19.57216	19.7
10/14/2016 08:05:45	16.67832	16.69878	16.65582	761.91	762	761.9	19.60422	19.7
10/14/2016 08:10:45	16.67832	16.69878	16.65582	761.91	762	761.9	19.60422	19.7
10/14/2016 08:15:45	16.67733	16.69878	16.64602	761.9111	762	761.9	19.53485	19.7
10/14/2016 08:20:45	16.67733	16.69878	16.64602	761.9111	762	761.9	19.53485	19.7
10/14/2016 08:25:45	16.67708	16.69482	16.65004	761.9586	762	761.9	19.65287	19.7
10/14/2016 08:30:45	16.67211	16.68469	16.65144	762	762	762	19.67646	19.8
10/14/2016 08:35:45	16.67211	16.68469	16.65144	762	762	762	19.67646	19.8
10/14/2016 08:40:45	16.67173	16.68251	16.65144	762.0011	762.1	762	19.70343	19.8
10/14/2016 08:45:45	16.67196	16.68827	16.659	762.0698	762.1	762	19.76958	19.8
10/14/2016 08:50:45	16.67575	16.69224	16.6572	762.099	762.1	762	19.80798	20
10/14/2016 08:55:45	16.67678	16.68827	16.6572	762.1	762.1	762.1	19.86213	20
10/14/2016 09:00:45	16.67544	16.68827	16.66078	762.1284	762.2	762.1	19.94282	20
10/14/2016 09:05:45	16.67265	16.69008	16.6568	762.1232	762.2	762.1	19.99663	20.1
10/14/2016 09:10:46	16.6758	16.68788	16.6546	762.2092	762.3	762.2	20.16749	20.3
10/14/2016 09:15:45	16.6758	16.68788	16.6546	762.2092	762.3	762.2	20.16749	20.3
10/14/2016 09:20:46	16.67248	16.68387	16.65241	762.3929	762.4	762.3	20.34707	20.4
10/14/2016 09:25:45	16.67248	16.68387	16.65241	762.3929	762.4	762.3	20.34707	20.4
10/14/2016 09:30:46	16.67376	16.70122	16.65241	762.3596	762.4	762.3	20.35058	20.4
10/14/2016 09:35:45	16.67376	16.70122	16.65241	762.3596	762.4	762.3	20.35058	20.4
10/14/2016 09:40:45	16.67703	16.70122	16.65996	762.3878	762.4	762.3	20.39663	20.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/14/2016 09:45:45	16.67592	16.69723	16.65419	762.3868	762.4	762.3	20.41682	20.5
10/14/2016 09:50:45	16.67677	16.69503	16.65596	762.4192	762.5	762.3	20.44384	20.6
10/14/2016 09:55:46	16.67505	16.70838	16.64975	762.4556	762.5	762.4	20.58992	20.7
10/14/2016 10:00:45	16.67505	16.70838	16.64975	762.4556	762.5	762.4	20.58992	20.7
10/14/2016 10:05:46	16.67504	16.69852	16.65543	762.3455	762.4	762.3	20.60337	20.7
10/14/2016 10:10:45	16.67504	16.69852	16.65543	762.3455	762.4	762.3	20.60337	20.7
10/14/2016 10:15:46	16.67517	16.70381	16.65311	762.398	762.4	762.3	20.77196	21
10/14/2016 10:20:45	16.67517	16.70381	16.65311	762.398	762.4	762.3	20.77196	21
10/14/2016 10:25:45	16.67395	16.69229	16.65715	762.4	762.4	762.4	21.00773	21.1
10/14/2016 10:30:46	16.67296	16.69572	16.65481	762.4	762.4	762.4	21.29428	21.5
10/14/2016 10:35:45	16.67296	16.69572	16.65481	762.4	762.4	762.4	21.29428	21.5
10/14/2016 10:40:46	16.67299	16.70148	16.645	762.4223	762.5	762.4	21.6933	21.8
10/14/2016 10:45:46	16.67299	16.70148	16.645	762.4223	762.5	762.4	21.6933	21.8
10/14/2016 10:50:46	16.67519	16.7013	16.64261	762.3314	762.4	762.3	21.93049	22.1
10/14/2016 10:55:46	16.67519	16.7013	16.64261	762.3314	762.4	762.3	21.93049	22.1
10/14/2016 11:00:45	16.67294	16.70705	16.645	762.3868	762.4	762.3	22.1674	22.3
10/14/2016 11:05:46	16.67464	16.70381	16.64516	762.4201	762.5	762.4	22.23363	22.3
10/14/2016 11:10:45	16.67363	16.69632	16.65715	762.4151	762.5	762.4	22.22365	22.3
10/14/2016 11:15:46	16.67704	16.70297	16.6459	762.3647	762.4	762.3	22.22119	22.3
10/14/2016 11:20:46	16.67461	16.6991	16.65816	762.3788	762.4	762.3	22.33813	22.4
10/14/2016 11:25:45	16.67461	16.6991	16.65816	762.3788	762.4	762.3	22.33813	22.4
10/14/2016 11:30:46	16.67412	16.70216	16.64561	762.2908	762.4	762.2	22.66647	22.8
10/14/2016 11:35:45	16.67412	16.70216	16.64561	762.2908	762.4	762.2	22.66647	22.8
10/14/2016 11:40:45	16.67421	16.72098	16.65073	762.3151	762.4	762.2	22.98552	23.3
10/14/2016 11:45:46	16.67391	16.70891	16.6488	762.3929	762.4	762.3	23.57189	23.7
10/14/2016 11:50:46	16.67391	16.70891	16.6488	762.3929	762.4	762.3	23.57189	23.7
10/14/2016 11:55:46	16.67751	16.68919	16.65803	762.3878	762.4	762.3	23.82805	24
10/14/2016 12:00:46	16.67751	16.68919	16.65803	762.3878	762.4	762.3	23.82805	24
10/14/2016 12:05:46	16.67448	16.68881	16.65451	762.3	762.3	762.3	24.05628	24.2
10/14/2016 12:10:46	16.67448	16.68881	16.65451	762.3	762.3	762.3	24.05628	24.2
10/14/2016 12:15:46	16.67517	16.69805	16.64561	762.3	762.3	762.3	24.062	24.2
10/14/2016 12:20:46	16.67517	16.69805	16.64561	762.3	762.3	762.3	24.062	24.2
10/14/2016 12:25:45	16.67443	16.69452	16.64561	762.2202	762.3	762.2	24.03946	24.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/14/2016 12:30:46	16.67638	16.71642	16.65822	762.11	762.2	762.1	24.00673	24.1
10/14/2016 12:35:45	16.67638	16.71642	16.65822	762.11	762.2	762.1	24.00673	24.1
10/14/2016 12:40:46	16.67647	16.69672	16.65	762.1	762.1	762.1	23.97293	24.1
10/14/2016 12:45:45	16.67625	16.69893	16.65161	762.0313	762.1	762	23.96064	24.1
10/14/2016 12:50:46	16.67526	16.68813	16.64711	762	762	762	24.01681	24.2
10/14/2016 12:55:46	16.67526	16.68813	16.64711	762	762	762	24.07747	24.2
10/14/2016 13:00:46	16.67812	16.70946	16.65275	761.9	761.9	761.9	24.19998	24.3
10/14/2016 13:05:46	16.67812	16.70946	16.65275	761.9	761.9	761.9	24.19998	24.3
10/14/2016 13:10:46	16.67485	16.70489	16.64823	761.9	761.9	761.9	24.60115	24.7
10/14/2016 13:15:46	16.67485	16.70489	16.64823	761.9	761.9	761.9	24.60115	24.7
10/14/2016 13:20:46	16.67431	16.69303	16.65043	761.8	761.8	761.8	24.84476	24.9
10/14/2016 13:25:46	16.67431	16.69303	16.65043	761.8	761.8	761.8	24.84476	24.9
10/14/2016 13:30:45	16.67454	16.69303	16.6546	761.7807	761.8	761.7	24.88084	25.1
10/14/2016 13:35:46	16.67619	16.69523	16.65985	761.7061	761.8	761.7	24.95714	25.2
10/14/2016 13:40:45	16.67512	16.69405	16.64303	761.6909	761.7	761.6	25.06145	25.2
10/14/2016 13:45:46	16.67459	16.69625	16.64724	761.6938	761.7	761.6	25.15937	25.3
10/14/2016 13:50:46	16.67523	16.69865	16.64337	761.3655	761.5	761.2	25.2944	25.4
10/14/2016 13:55:46	16.67391	16.7003	16.65125	761.1736	761.3	761.1	25.35967	25.5
10/14/2016 14:00:46	16.67391	16.7003	16.65125	761.1736	761.3	761.1	25.35967	25.5
10/14/2016 14:05:46	16.67627	16.69461	16.64005	761.0647	761.1	761	25.44385	25.7
10/14/2016 14:10:45	16.67614	16.69461	16.64571	761.0494	761.1	761	25.59447	25.8
10/14/2016 14:15:46	16.67436	16.69971	16.65504	760.9151	761	760.9	25.92017	26.1
10/14/2016 14:20:46	16.67436	16.69971	16.65504	760.9151	761	760.9	25.92017	26.1
10/14/2016 14:25:46	16.67457	16.70555	16.65011	760.803	760.9	760.8	26.13727	26.4
10/14/2016 14:30:46	16.67713	16.70837	16.6515	760.7726	760.8	760.7	26.32021	26.4
10/14/2016 14:35:46	16.67713	16.70837	16.6515	760.7726	760.8	760.7	26.32021	26.4
10/14/2016 14:40:46	16.67473	16.72036	16.64477	760.6798	760.7	760.6	26.61456	26.9
10/14/2016 14:45:46	16.67473	16.72036	16.64477	760.6798	760.7	760.6	26.61456	26.9
10/14/2016 14:50:46	16.67409	16.69493	16.64374	760.6849	760.7	760.6	26.69109	26.9
10/14/2016 14:55:46	16.67409	16.69493	16.64374	760.6849	760.7	760.6	26.69109	26.9
10/14/2016 15:00:46	16.67363	16.69859	16.65452	760.6	760.6	760.6	26.50235	26.7
10/14/2016 15:05:45	16.67363	16.69859	16.65452	760.6	760.6	760.6	26.50235	26.7
10/14/2016 15:10:46	16.67374	16.69433	16.65023	760.6122	760.7	760.6	26.26495	26.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/14/2016 15:15:46	16.67374	16.69433	16.65023	760.6122	760.7	760.6	26.26495	26.4
10/14/2016 15:20:46	16.67303	16.68578	16.65454	760.6	760.6	760.6	25.95862	26.1
10/14/2016 15:25:46	16.67303	16.68578	16.65454	760.6	760.6	760.6	25.95862	26.1
10/14/2016 15:30:46	16.67401	16.69002	16.64036	760.6001	760.7	760.6	25.89228	26
10/14/2016 15:35:45	16.67422	16.69571	16.64461	760.6	760.6	760.6	25.799	25.9
10/14/2016 15:40:46	16.67533	16.69995	16.64885	760.6	760.6	760.6	25.7088	25.8
10/14/2016 15:45:46	16.67564	16.70988	16.65877	760.6	760.6	760.6	25.66168	25.8
10/14/2016 15:50:46	16.67297	16.69147	16.64603	760.5969	760.6	760.5	25.47132	25.7
10/14/2016 15:55:46	16.67496	16.69848	16.6496	760.5262	760.6	760.5	25.36961	25.5
10/14/2016 16:00:46	16.67496	16.69848	16.6496	760.5262	760.6	760.5	25.36961	25.5
10/14/2016 16:05:46	16.67477	16.69222	16.6496	760.5	760.5	760.5	25.34722	25.4
10/14/2016 16:10:46	16.67512	16.6992	16.65383	760.5	760.5	760.5	25.22571	25.3
10/14/2016 16:15:46	16.67512	16.6992	16.65383	760.5	760.5	760.5	25.22571	25.3
10/14/2016 16:20:46	16.67582	16.70069	16.65383	760.5	760.5	760.5	25.16355	25.3
10/14/2016 16:25:46	16.67264	16.69076	16.63399	760.5	760.5	760.5	25.11852	25.3
10/14/2016 16:30:46	16.67567	16.692	16.65656	760.5	760.5	760.5	25.03819	25.3
10/14/2016 16:35:46	16.67567	16.692	16.65656	760.5	760.5	760.5	25.03819	25.3
10/14/2016 16:40:46	16.67531	16.6977	16.64936	760.5	760.5	760.5	24.90001	25.1
10/14/2016 16:45:46	16.67476	16.69313	16.65203	760.5	760.5	760.5	24.67971	24.8
10/14/2016 16:50:46	16.67476	16.69313	16.65203	760.5	760.5	760.5	24.67971	24.8
10/14/2016 16:55:46	16.67538	16.69637	16.64894	760.4827	760.5	760.4	24.29451	24.6
10/14/2016 17:00:46	16.67538	16.69637	16.64894	760.4827	760.5	760.4	24.29451	24.6
10/14/2016 17:05:46	16.67399	16.7021	16.65114	760.4	760.4	760.4	24.12572	24.2
10/14/2016 17:10:46	16.67491	16.6973	16.65114	760.407	760.5	760.4	23.73162	23.9
10/14/2016 17:15:46	16.67491	16.6973	16.65114	760.407	760.5	760.4	23.73162	23.9
10/14/2016 17:20:46	16.67661	16.70465	16.65565	760.4454	760.5	760.4	23.36594	23.5
10/14/2016 17:25:46	16.67661	16.70465	16.65565	760.4454	760.5	760.4	23.36594	23.5
10/14/2016 17:30:46	16.67442	16.70244	16.65626	760.4222	760.5	760.4	23.12668	23.4
10/14/2016 17:35:46	16.6727	16.69568	16.65138	760.4	760.4	760.4	22.91569	23
10/14/2016 17:40:46	16.67556	16.69647	16.65547	760.4	760.4	760.4	22.47315	22.8
10/14/2016 17:45:46	16.67753	16.69886	16.64044	760.3919	760.4	760.3	21.80221	22.1
10/14/2016 17:50:46	16.67753	16.69886	16.64044	760.3919	760.4	760.3	21.80221	22.1
10/14/2016 17:55:46	16.6749	16.69886	16.65788	760.3464	760.4	760.3	21.6019	21.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max
10/14/2016 18:00:46	16.67332	16.69361	16.66025	760.3466	760.4	760.3	21.27279	21.5
10/14/2016 18:05:46	16.67887	16.69814	16.65669	760.2272	760.4	760.2	20.74167	21
10/14/2016 18:10:46	16.67887	16.69814	16.65669	760.2272	760.4	760.2	20.74167	21
10/14/2016 18:15:46	16.67402	16.69419	16.65498	760.2385	760.4	760.2	20.60891	20.7
10/14/2016 18:20:46	16.67415	16.69821	16.66122	760.2121	760.3	760.2	20.43596	20.6
10/14/2016 18:25:46	16.67392	16.68264	16.65545	760.2536	760.3	760.2	20.20878	20.3
10/14/2016 18:30:46	16.67392	16.68264	16.65545	760.2536	760.3	760.2	20.20878	20.3
10/14/2016 18:35:46	16.67385	16.68841	16.66305	760.2667	760.3	760.2	20.03362	20.1
10/14/2016 18:40:46	16.67556	16.69464	16.65325	760.2353	760.3	760.2	19.94603	20
10/14/2016 18:45:46	16.67575	16.69464	16.65728	760.2778	760.3	760.2	19.81916	20
10/14/2016 18:50:46	16.67595	16.70223	16.65728	760.3	760.3	760.3	19.64584	19.8
10/14/2016 18:55:46	16.67595	16.70223	16.65728	760.3	760.3	760.3	19.64584	19.8
10/14/2016 19:00:46	16.67535	16.69645	16.6613	760.3	760.3	760.3	19.43597	19.7
10/14/2016 19:05:46	16.6718	16.6862	16.64529	760.399	760.4	760.3	19.32253	19.4
10/14/2016 19:10:46	16.6718	16.6862	16.64529	760.399	760.4	760.3	19.32253	19.4
10/14/2016 19:15:46	13.84765	16.70574	0	760.3118	760.4	760.3	19.25778	19.3
10/14/2016 19:20:46	0	0	0	760.3362	760.4	760.3	19.23596	19.3
10/14/2016 19:25:46	0	0	0	760.3362	760.4	760.3	19.23596	19.3
10/14/2016 19:30:46	0	0	0	760.3	760.3	760.3	19.22368	19.3
10/14/2016 19:35:46	0	0	0	760.3	760.3	760.3	19.22589	19.3
10/14/2016 19:40:46	0	0	0	760.2494	760.3	760.2	19.19326	19.3
10/14/2016 19:45:46	0	0	0	760.2494	760.3	760.2	19.19326	19.3
10/14/2016 19:50:46	0	0	0	760.2859	760.3	760.2	19.18656	19.2
10/14/2016 19:55:46	0	0	0	760.3879	760.4	760.3	19.11243	19.2

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Ti
24.5	22.19668	22.5	22.1	0	0	0	2.61861	2.7	2.3	24.00038	0	24
18.9	18.95493	22.1	18.6	0	0	0	0.24693	2.4	0	24.00038	0	24
19.1	18.92013	19	18.8	0	0	0	0.23692	0.4	0.1	24.00038	0	24
19.2	18.92282	19	18.6	0	0	0	0.35098	0.8	0.2	24.00038	0	24
19.2	18.85234	19	18.6	0	0	0	0.58926	0.9	0.2	24.00038	0	24
19.5	18.72078	18.9	18.6	0	0	0	0.77921	0.6	0.3	24.00038	0	24
19.5	19.05435	19.19999	18.9	0	0	0	0.45907	0.6	0.3	24.00038	0	24
19.6	18.96979	19	18.9	0	0	0	0.63691	0.8	0.6	24.00038	0	24
19.6	18.96979	19	18.9	0	0	0	0.63691	0.8	0.6	24.00038	0	24
19.6	19.28337	19.5	19.1	16.76669	110.2501	0	0.38341	0.6	0.1	24.00038	0	24
19.8	19.47641	19.69999	19.19999	97.63489	108.1443	0	0.52572	1	0.4	24.00038	0	24
20.2	19.42284	19.6	19.1	0	0	0	0.81741	1.19999	0.6	24.00038	0	24
20.2	19.42284	19.6	19.1	0	0	0	0.81741	1.19999	0.6	24.00038	0	24
20.2	19.41816	19.7	19.19999	0	0	0	0.8852	1.1	0.59999	24.00038	3.40703	24
20.3	19.47607	19.7	19.1	1.30762	10.86153	0	1.39352	3	0.59999	24.0013	0	24
22.3	19.55908	19.7	19.3	0	0	0	2.74427	3	2.59999	24.0013	0	24
22.3	19.55908	19.7	19.3	0	0	0	2.74427	3	2.59999	24.0013	0	24
22.2	19.5342	19.8	19.3	0	0	0	2.76512	3	2.49999	24.0013	0	24
22.2	19.63625	19.8	19.4	0	0	0	2.65368	2.9	2.4	24.0013	0	24
22.2	19.77048	20	19.7	0	0	0	2.55971	4	2.59999	0.06102	0	0.06194
25.1	21.36584	21.7	21.1	11.42638	11.63736	11.24944	3.91	4.19999	3.59999	0.14439	0	0.14527
24.9	21.30277	21.7	20.9	11.63211	11.77589	11.4434	3.7	4.2	3.4	0.22777	0.06282	0.22861
24.9	21.30277	21.7	20.9	11.63211	11.77589	11.4434	3.7	4.2	3.4	0.31114	0.06093	0.31166
24.7	21.45168	21.7	21.1	11.76503	11.85902	11.66506	3.31811	3.69999	3.09999	0.39452	0.05039	0.39527

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
24.7	21.45168	21.7	21.1	11.76503	11.85902	11.66506	3.31811	3.69999	3.09999	0.47792	0.07073	0.47833
24.7	21.43156	21.7	21.1	11.81597	11.91444	11.69277	3.32883	3.69999	3	0.5613	0.00254	0.56194
24.7	21.3678	21.7	21	12.00855	12.10839	11.83131	3.41273	3.8	3.09999	0.64468	0	0.64527
24.7	21.3678	21.7	21	12.00855	12.10839	11.83131	3.41273	3.8	3.09999	0.72807	0.03531	0.72833
24.7	21.29795	21.7	21.1	12.05372	12.1361	11.94214	3.4987	3.8	3.09999	0.81146	0.02561	0.81194
24.7	21.42009	21.7	21.1	12.05893	12.1361	11.94214	3.41011	3.8	3.09999	0.89483	0.07039	0.895
24.6	20.40337	20.5	20.2	12.17586	12.30235	12.05298	4.24628	4.4	4.1	0.97821	0.0352	0.97861
24.6	20.40337	20.5	20.2	12.17586	12.30235	12.05298	4.24628	4.4	3.99999	1.0616	0.01481	1.06166
24.3	20.31345	20.5	20.2	12.15983	12.24693	12.05298	4.21945	4.4	3.99999	1.14498	0.04075	1.145
24.1	20.05169	20.3	19.8	12.07911	12.16381	11.99756	4.12481	4.4	3.9	1.22836	0.1814	1.22861
24.1	20.05169	20.3	19.8	12.07911	12.16381	11.99756	4.12481	4.4	3.9	1.31173	0.02255	1.31166
23.9	19.87784	20.2	19.6	12.11117	12.21922	12.02527	4.19465	4.5	4	1.39511	0.04862	1.395
23.7	20.13829	20.3	19.8	12.14213	12.21922	12.05298	3.64092	4.09999	3.4	1.47849	0.04995	1.47861
23.7	20.13829	20.3	19.8	12.14213	12.21922	12.05298	3.64092	4.09999	3.4	1.56188	0.04981	1.56166
23.4	19.40535	19.7	19.2	12.31714	12.41318	12.19152	4.2141	4.5	4	1.64524	0.04973	1.64527
23.4	19.40535	19.7	19.2	12.31714	12.41318	12.19152	4.2141	4.5	4	1.72861	0	1.72833
23.1	19.45361	19.7	19.3	12.33174	12.4686	12.21922	3.89607	4.09999	3.5	1.81199	0.09068	1.81166
22.9	19.87385	20.2	19.7	12.31137	12.4686	12.16381	3.13288	3.4	2.8	1.89538	0	1.89527
22.9	19.87385	20.2	19.7	12.31137	12.4686	12.16381	3.13288	3.4	2.8	1.97875	0.10544	1.97833
23	19.74158	20	19.6	12.38792	12.4686	12.21922	3.34029	3.4	3	2.06211	0.0351	2.06194
23	19.74158	20	19.6	12.38792	12.4686	12.21922	3.34029	3.4	3	2.14548	0.04974	2.145
22.9	19.46836	19.7	19.3	12.41692	12.4963	12.30235	3.50748	3.7	3.19999	2.22887	0.08487	2.22833
22.7	19.4134	19.6	19.4	12.42043	12.4963	12.33006	3.42616	3.6	3.3	2.31224	0.03507	2.31194
22.7	19.4134	19.6	19.4	12.42043	12.4963	12.33006	3.42616	3.6	3.3	2.39561	0.10517	2.395
22.3	18.80463	19.1	18.6	12.54374	12.66255	12.38547	3.67726	3.9	3.4	2.47899	0.07002	2.47861
22.3	18.80463	19.1	18.6	12.54374	12.66255	12.38547	3.67726	3.9	3.4	2.56235	0.05549	2.56166
21.6	18.37585	18.5	18.1	12.64814	12.71797	12.4686	3.38316	3.5	3.2	2.64571	0	2.64527
21.6	18.37585	18.5	18.1	12.64814	12.71797	12.4686	3.38316	3.5	3.2	2.7291	0.09702	2.72833
21.2	18.11946	18.2	18.1	12.65882	12.74568	12.57943	3.30876	3.6	3.09999	2.81247	0.01439	2.81166
21.1	18.07987	18.2	17.9	12.68374	12.77338	12.60714	3.05568	3.2	2.9	2.89585	0.02706	2.89527
21	17.98053	18.1	17.9	12.67471	12.77338	12.57943	3.06242	3.2	2.9	2.97922	0.02054	2.97833
20.6	17.79933	17.9	17.6	12.64238	12.74568	12.55172	2.93427	3.19999	2.8	3.06256	0.00784	3.06194
20.6	17.79933	17.9	17.6	12.64238	12.74568	12.55172	2.93427	3.19999	2.8	3.14592	0.02679	3.145

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Ti
20.6	17.70937	17.8	17.5	12.67844	12.77338	12.57943	2.91343	3.1	2.8	3.22929	0	3.22833
20.4	17.52684	17.6	17.5	12.69093	12.77338	12.60714	2.95233	3.1	2.8	3.31265	0.10451	3.31166
20.3	17.48658	17.5	17.4	12.70235	12.77338	12.63484	2.89325	3	2.8	3.39604	0.02058	3.395
20	17.36978	17.5	17.2	12.70068	12.77338	12.63484	2.88988	3.09999	2.7	3.47941	0.01425	3.47833
20	17.27988	17.4	17.2	12.70524	12.74568	12.63484	2.80197	2.99999	2.69999	3.56278	0.03482	3.56166
19.8	17.22949	17.3	17	12.70636	12.77338	12.63484	2.6168	2.8	2.49999	3.64615	0	3.64527
19.8	17.22949	17.3	17	12.70636	12.77338	12.63484	2.6168	2.8	2.49999	3.72952	0.01425	3.72833
19.5	17.19328	17.3	17	12.75693	12.85651	12.60714	2.45641	2.7	2.3	3.81289	0.07605	3.81194
19.5	17.19328	17.3	17	12.75693	12.85651	12.60714	2.45641	2.7	2.3	3.89625	0.06957	3.895
19.4	17.05365	17.2	17	12.78307	12.88422	12.66255	2.41143	2.7	2.19999	3.97962	0.00644	3.97833
19.3	16.97319	17.2	16.8	12.77348	12.85651	12.66255	2.40333	2.59999	2.19999	4.063	0.09022	4.06166
19.3	16.9564	17	16.8	12.80593	12.88422	12.71797	2.37312	2.59999	2.3	4.14636	0.0696	4.145
19.1	16.94697	17	16.8	12.85773	12.96734	12.74568	2.22617	2.4	2.1	4.22975	0.02062	4.22861
19.1	16.8671	17	16.7	12.86262	12.96734	12.74568	2.24631	2.4	2.1	4.31312	0	4.31194
19.1	16.8671	17	16.7	12.86262	12.96734	12.74568	2.24631	2.4	2.1	4.39648	0.03479	4.395
18.9	16.8436	17	16.8	12.87186	12.96734	12.74568	2.10343	2.3	1.9	4.47984	0.03479	4.47861
18.9	16.8436	17	16.8	12.87186	12.96734	12.74568	2.10343	2.3	1.9	4.56321	0.01417	4.56166
18.7	16.90268	17	16.8	12.76251	12.88422	12.66255	1.91677	2.09999	1.7	4.6466	0.06957	4.64527
18.7	16.90268	17	16.8	12.76251	12.88422	12.66255	1.91677	2.09999	1.7	4.72997	0.11853	4.72833
18.7	16.89327	17	16.8	12.76885	12.85651	12.69026	1.84363	2.09999	1.7	4.81334	0	4.81166
18.6	16.91348	17	16.8	12.77059	12.88422	12.69026	1.76975	1.9	1.7	4.8967	0.05542	4.89527
18.6	16.91348	17	16.8	12.77059	12.88422	12.69026	1.76975	1.9	1.7	4.98008	0.04123	4.97833
18.6	16.90269	17	16.8	12.81273	12.88422	12.69026	1.76711	1.9	1.6	5.06346	0.06958	5.06166
18.6	16.74297	16.8	16.7	12.88142	12.96734	12.74568	1.86038	2	1.8	5.14684	0.06952	5.14527
18.6	16.74297	16.8	16.7	12.88142	12.96734	12.74568	1.86038	2	1.8	5.23025	0.03477	5.22833
18.5	16.70672	16.8	16.7	12.88571	12.99505	12.80109	1.88322	2	1.8	5.31363	0.10433	5.31166
18.5	16.81343	16.9	16.7	12.86351	12.96734	12.77338	1.76713	1.9	1.6	5.39701	0.02062	5.39527
18.5	16.81343	16.9	16.7	12.86351	12.96734	12.77338	1.76713	1.9	1.4	5.48038	0.03479	5.47861
18.3	16.82012	17	16.8	12.85652	12.99505	12.77338	1.71942	1.9	1.4	5.56374	0.05542	5.56166
18.3	16.73354	16.8	16.7	12.8661	12.93963	12.77338	1.75972	1.9	1.49999	5.64712	0.08365	5.64527
18.3	16.73354	16.8	16.7	12.8661	12.93963	12.77338	1.75972	1.9	1.49999	5.73049	0.06948	5.72861
18.3	16.73355	16.8	16.7	12.92569	13.02275	12.77338	1.702	1.9	1.49999	5.81386	0.0269	5.81166
18.3	16.66647	16.8	16.4	12.96417	13.07817	12.88422	1.73079	1.9	1.49999	5.89722	0	5.895

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
18.3	16.59933	16.7	16.4	12.98915	13.18901	12.88422	1.76441	2.1	1.59999	5.9806	0.09667	5.97833
18.2	16.5141	16.7	16.4	12.92158	13.02275	12.85651	1.77918	1.9	1.59999	6.06398	0.03473	6.06194
18.2	16.5141	16.7	16.4	12.92158	13.02275	12.85651	1.77918	1.9	1.5	6.14737	0.03503	6.145
18.2	16.47385	16.7	16.4	12.93898	13.02275	12.85651	1.80601	1.9	1.5	6.23075	0.07604	6.22833
18.1	16.44162	16.7	16.3	12.93741	13.02275	12.85651	1.81139	1.99999	1.59999	6.31412	0.06945	6.31166
18.1	16.43213	16.7	16.4	12.89055	12.99505	12.80109	1.77391	1.9	1.5	6.39749	0.06948	6.395
18.1	16.3933	16.6	16.3	12.90487	12.96734	12.80109	1.75295	1.9	1.5	6.48086	0.01405	6.47833
18.1	16.34291	16.4	16.2	12.88762	12.99505	12.77338	1.79062	1.9	1.7	6.56422	0.03473	6.56166
18.1	16.33424	16.4	16.2	12.91127	12.99505	12.80109	1.78589	1.9	1.7	6.64758	0.06941	6.645
18.1	16.23692	16.3	16.2	12.8596	12.96734	12.74568	1.86307	1.9	1.8	6.73093	0.03471	6.72861
18.1	16.23692	16.3	16.2	12.8596	12.96734	12.74568	1.86307	1.9	1.8	6.81429	0	6.81166
18	16.2436	16.3	16.2	12.87836	12.96734	12.77338	1.84633	1.9	1.69999	6.89766	0.06941	6.895
18	16.27045	16.3	16.2	12.85632	12.96734	12.77338	1.77919	1.9	1.69999	6.98103	0.03471	6.97861
18	16.27045	16.3	16.2	12.85632	12.96734	12.77338	1.77919	1.9	1.69999	7.06441	0.0285	7.06166
18	16.24968	16.4	16.2	12.91724	13.05046	12.8288	1.76036	1.9	1.6	7.14779	0	7.14527
18	16.24968	16.4	16.2	12.91724	13.05046	12.8288	1.76036	1.9	1.6	7.23115	0.0128	7.22833
17.9	16.35032	16.4	16.3	12.88339	12.96734	12.80109	1.64632	1.9	1.4	7.31453	0	7.31166
17.7	16.28923	16.4	16.2	12.8606	12.93963	12.80109	1.69066	1.9	1.4	7.39789	0.02066	7.395
17.7	16.2235	16.3	16.2	12.86015	12.96734	12.77338	1.70806	1.8	1.4	7.48125	0.10414	7.47861
17.7	16.2235	16.3	16.2	12.86015	12.96734	12.77338	1.70806	1.8	1.4	7.5646	0.04869	7.56166
17.7	16.17653	16.2	16.1	12.89714	12.99505	12.80109	1.65233	1.8	1.5	7.64795	0.09008	7.64527
17.7	16.17653	16.2	16.1	12.89714	12.99505	12.80109	1.65233	1.8	1.5	7.7313	0.02067	7.72833
17.7	16.14964	16.2	16.1	12.90305	12.99505	12.77338	1.6195	1.9	1.5	7.81465	0.02064	7.81166
17.7	16.20672	16.3	16.2	12.79196	12.88422	12.69026	1.52209	1.8	1.4	7.898	0	7.89527
17.7	16.20672	16.3	16.2	12.79196	12.88422	12.69026	1.52209	1.8	1.4	7.98137	0	7.97833
17.7	16.09663	16.1	16	12.73722	12.8288	12.63484	1.61008	1.8	1.6	8.06473	0.06937	8.06194
17.7	16.09663	16.1	16	12.73722	12.8288	12.63484	1.61008	1.8	1.6	8.14809	0.05536	8.145
17.6	16.1302	16.2	16.1	12.72122	12.8288	12.60714	1.56309	1.6	1.4	8.23147	0.03469	8.22833
17.6	16.08994	16.1	16	12.7293	12.8288	12.66255	1.57987	1.7	1.5	8.3149	0	8.31194
17.6	16.08994	16.1	16	12.7293	12.8288	12.66255	1.57987	1.7	1.5	8.39831	0	8.395
17.6	16.04292	16.1	15.8	12.76187	12.8288	12.63484	1.64366	1.9	1.5	8.48174	0.03467	8.47833
17.6	16.02818	16.1	15.8	12.73879	12.8288	12.63484	1.60469	1.9	1.5	8.56514	0.00785	8.56194
17.6	16.02818	16.1	15.8	12.73879	12.8288	12.63484	1.60469	1.9	1.5	8.64856	0.03467	8.645

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
17.6	16.10335	16.2	16.1	12.75513	12.88422	12.66255	1.52352	1.6	1.4	8.73198	0.03467	8.72833
17.6	16.05634	16.2	15.8	12.8289	12.93963	12.71797	1.55372	1.9	1.5	8.8154	0.00727	8.81194
17.6	16.05634	16.2	15.8	12.8289	12.93963	12.71797	1.55372	1.8	1.4	8.89882	0.07603	8.895
17.5	15.82013	16.1	15.7	12.89493	12.99505	12.77338	1.7765	1.9	1.5	8.98224	0.0766	8.97861
17.5	15.95307	16.1	15.8	12.90792	12.99505	12.80109	1.62678	1.8	1.4	9.06567	0.07043	9.06194
17.5	15.95307	16.1	15.8	12.90792	12.99505	12.80109	1.62678	1.8	1.4	9.1491	0.02066	9.145
17.4	15.94423	16.1	15.8	12.89918	13.02275	12.8288	1.57523	1.8	1.3	9.23251	0.07605	9.22861
17.4	15.94423	16.1	15.8	12.89918	13.02275	12.8288	1.57523	1.8	1.3	9.31592	0.03469	9.31194
17.4	16.01147	16.1	15.8	12.90242	12.99505	12.80109	1.48788	1.8	1.3	9.39932	0	9.395
17.4	16.10336	16.2	16	12.82199	12.91192	12.69026	1.37311	1.5	1.19999	9.48275	0.05537	9.47861
17.4	16.10336	16.2	16	12.82199	12.91192	12.69026	1.37311	1.5	1.19999	9.56615	0.03467	9.56166
17.4	16.21342	16.3	16.2	12.85158	12.93963	12.74568	1.27313	1.4	1.09999	9.64957	0	9.64527
17.4	16.23017	16.3	16.2	12.87955	12.99505	12.77338	1.26983	1.4	1.09999	9.73299	0.05533	9.72861
17.4	16.21675	16.3	16.1	12.87501	12.96734	12.77338	1.31951	1.5	1.09999	9.81643	0.02066	9.81194
17.4	16.21675	16.3	16.1	12.87501	12.96734	12.77338	1.31951	1.5	1.19999	9.89984	0	9.89527
17.5	16.2577	16.3	16.1	12.88263	12.99505	12.80109	1.32551	1.5	1.19999	9.98326	0.03469	9.97833
17.5	16.27047	16.3	16.2	12.88486	12.99505	12.80109	1.31945	1.4	1.19999	10.06667	0.04253	10.06194
17.5	16.27047	16.3	16.2	12.88486	12.99505	12.80109	1.31945	1.4	1.19999	10.15007	0.03469	10.145
17.5	16.21944	16.3	16.2	12.87345	12.96734	12.77338	1.3772	1.4	1.3	10.23349	0.03469	10.22833
17.6	16.21678	16.3	16.1	12.91613	12.99505	12.80109	1.39326	1.5	1.3	10.31692	0.02065	10.31194
17.6	16.2228	16.3	16.2	12.88049	12.96734	12.80109	1.39399	1.5	1.3	10.40036	0	10.395
17.6	16.1906	16.2	16.1	12.86506	12.99505	12.77338	1.41945	1.5	1.4	10.4838	0.03469	10.47861
17.6	16.1906	16.2	16.1	12.86506	12.99505	12.77338	1.41945	1.5	1.4	10.56724	0.02067	10.56166
17.6	16.17986	16.2	16.1	12.89496	12.99505	12.77338	1.43355	1.5	1.4	10.65067	0.04874	10.64527
17.5	16.1564	16.2	16.1	12.91565	13.02275	12.80109	1.45032	1.5	1.4	10.73409	0.06933	10.72833
17.5	16.06578	16.2	15.8	12.90909	12.99505	12.80109	1.55434	1.8	1.4	10.8175	0.03466	10.81166
17.6	15.79664	15.8	15.7	12.95339	13.05046	12.85651	1.81341	1.9	1.8	10.90096	0	10.89527
17.6	15.79664	15.8	15.7	12.95339	13.05046	12.85651	1.81341	1.9	1.8	10.98445	0	10.97833
17.6	15.72012	15.8	15.7	12.9531	13.02275	12.88422	1.87987	1.9	1.8	11.06787	0.10378	11.06194
17.6	15.72012	15.8	15.7	12.9531	13.02275	12.88422	1.87987	1.9	1.8	11.15127	0	11.145
17.5	15.69327	15.8	15.6	12.95274	13.02275	12.85651	1.89999	2	1.8	11.23468	0.06921	11.22861
17.5	15.61006	15.7	15.5	12.93812	13.02275	12.8288	1.9698	2.1	1.9	11.31808	0.08996	11.31194
17.5	15.61006	15.7	15.5	12.93812	13.02275	12.8288	1.9698	2.1	1.9	11.40149	0.03463	11.395

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
17.4	15.64431	15.7	15.5	12.94818	13.05046	12.85651	1.93553	2.1	1.8	11.48488	0.03463	11.47861
17.5	15.63958	15.7	15.5	12.94533	13.07817	12.85651	1.95438	2.1	1.8	11.56827	0.03463	11.56166
17.6	15.68322	15.8	15.6	12.92895	12.99505	12.8288	1.94696	2.1	1.8	11.65166	0.03463	11.64527
17.6	15.68322	15.8	15.6	12.92895	12.99505	12.8288	1.94696	2.1	1.8	11.73507	0.03461	11.72833
17.6	15.67987	15.7	15.5	12.94083	13.02275	12.85651	1.96376	2.1	1.9	11.81849	0.03461	11.81166
17.6	15.69329	15.7	15.6	12.94755	13.02275	12.88422	1.96377	2	1.9	11.90192	0.06929	11.895
17.6	15.71005	15.8	15.7	12.98828	13.10588	12.85651	1.97381	2	1.9	11.98534	0.06933	11.97833
17.7	15.6463	15.7	15.5	13.13631	13.27213	12.96734	2.06042	2.4	2	12.06877	0.05533	12.06194
17.7	15.6463	15.7	15.5	13.13631	13.27213	12.96734	2.06042	2.4	2	12.15221	0.08326	12.145
17.7	15.62079	15.7	15.5	13.19182	13.32754	12.99505	2.09799	2.4	2	12.23563	0	12.22833
17.7	15.63016	15.7	15.5	13.23502	13.38296	13.02275	2.11683	2.2	2	12.31904	0.04858	12.31194
17.7	15.63354	15.7	15.5	13.29537	13.38296	13.1613	2.07314	2.2	2	12.40242	0.03465	12.395
17.7	15.60936	15.7	15.5	13.26712	13.38296	13.13359	2.14636	2.4	2	12.48583	0.04141	12.47861
17.7	15.60936	15.7	15.5	13.26712	13.38296	13.13359	2.14636	2.4	2	12.56926	0.06929	12.56166
17.7	15.69801	15.8	15.5	13.29399	13.46608	13.1613	2.21209	2.4	2	12.65271	0.03463	12.64527
17.7	15.69801	15.8	15.5	13.29399	13.46608	13.1613	2.21209	2.4	2.19999	12.73619	0	12.72861
17.9	15.72683	15.8	15.7	13.24463	13.32754	13.10588	2.27318	2.4	2.19999	12.81962	0	12.81166
18	15.79999	16	15.7	13.3042	13.41067	13.18901	2.27048	2.4	2.1	12.90308	0.03467	12.89527
18	15.79999	16	15.7	13.3042	13.41067	13.18901	2.27048	2.4	2.1	12.98649	0.06264	12.97833
18.1	16.06377	16.1	15.8	13.06362	13.21671	12.93963	2.08319	2.4	2	13.06995	0	13.06194
18.1	16.06377	16.1	15.8	13.06362	13.21671	12.93963	2.08319	2.4	2	13.15338	0.03469	13.145
18.2	16.08323	16.1	16	12.99349	13.13359	12.88422	2.19731	2.3	2.1	13.23678	0.06936	13.22861
18.2	16.08323	16.1	16	12.99349	13.13359	12.88422	2.19731	2.3	2.1	13.3202	0.02067	13.31166
18.3	16.11676	16.2	16.1	12.97608	13.10588	12.85651	2.23355	2.5	2.09999	13.40365	0.03467	13.39527
18.3	16.11678	16.2	16.1	12.94921	13.05046	12.8288	2.31754	2.5	2.09999	13.48709	0.06933	13.47833
18.5	16.13691	16.2	16.1	12.97752	13.1613	12.88422	2.45636	2.5	2.4	13.57051	0.02067	13.56194
18.5	16.1906	16.3	16.1	12.95238	13.07817	12.85651	2.42617	2.5	2.4	13.6539	0	13.64527
18.5	16.1906	16.3	16.1	12.95238	13.07817	12.85651	2.42617	2.5	2.4	13.73729	0.03471	13.72833
18.6	16.22953	16.3	16.2	12.93377	12.99505	12.8288	2.49731	2.69999	2.3	13.82071	0.05533	13.81194
18.6	16.22953	16.3	16.2	12.93377	12.99505	12.8288	2.49731	2.69999	2.3	13.90414	0.05535	13.895
18.8	16.22617	16.3	16.2	12.93752	13.05046	12.8288	2.67717	2.9	2.49999	13.98754	0	13.97861
18.8	16.22617	16.3	16.2	12.93752	13.05046	12.8288	2.67717	2.9	2.49999	14.07092	0.06936	14.06166
18.9	16.22348	16.3	16.2	12.93686	13.02275	12.8288	2.86775	3	2.69999	14.15432	0.08342	14.14527

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
18.9	16.22348	16.3	16.2	12.93686	13.02275	12.8288	2.86775	3	2.8	14.23772	0.08342	14.22833
19.1	16.24363	16.4	16.2	12.90654	13.02275	12.77338	2.95971	3.09999	2.8	14.32114	0.00619	14.31194
19.1	16.24363	16.4	16.2	12.90654	13.02275	12.77338	2.95971	3.09999	2.8	14.40457	0.0694	14.395
19.2	16.3295	16.4	16.3	12.92271	13.05046	12.80109	2.96378	2.99999	2.8	14.48798	0.00784	14.47861
19.2	16.3295	16.4	16.3	12.92271	13.05046	12.80109	2.96378	2.99999	2.8	14.57138	0.01403	14.56166
19.3	16.38992	16.6	16.3	12.87828	12.99505	12.74568	2.96981	3.09999	2.69999	14.65477	0.09635	14.64527
19.3	16.38992	16.6	16.3	12.87828	12.99505	12.74568	2.96981	3.09999	2.69999	14.73814	0.03473	14.72861
19.3	16.4101	16.6	16.3	12.89769	12.99505	12.77338	2.96304	3	2.69999	14.82154	0.00655	14.81166
19.4	16.49266	16.7	16.4	12.81178	12.88422	12.71797	2.9107	3	2.69999	14.90495	0.03469	14.89527
19.4	16.49266	16.7	16.4	12.81178	12.88422	12.71797	2.9107	3	2.69999	14.98835	0.13898	14.97833
19.4	16.67318	16.7	16.6	12.77553	12.88422	12.69026	2.75702	3	2.69999	15.07174	0.04257	15.06194
19.4	16.67318	16.7	16.6	12.77553	12.88422	12.69026	2.75702	3	2.69999	15.15514	0	15.145
19.4	16.67982	16.7	16.4	12.77617	12.88422	12.69026	2.79421	3.1	2.69999	15.23855	0.03473	15.22833
19.4	16.64632	16.7	16.4	12.77754	12.88422	12.66255	2.97512	3.3	2.8	15.32194	0	15.31194
19.5	16.44695	16.6	16.4	12.80094	12.93963	12.69026	3.2497	3.4	2.9	15.40536	0.03469	15.39527
19.5	16.44695	16.6	16.4	12.80094	12.93963	12.69026	3.2497	3.4	2.9	15.48875	0.08384	15.47833
19.5	16.56442	16.7	16.4	12.77039	12.91192	12.66255	3.10196	3.3	2.8	15.57217	0.04749	15.56194
19.5	16.56442	16.7	16.4	12.77039	12.91192	12.66255	3.10196	3.3	2.8	15.6556	0.05535	15.645
19.4	16.55639	16.7	16.4	12.72114	12.80109	12.63484	3.04429	3.3	2.69999	15.73903	0.0141	15.72861
19.4	16.6362	16.7	16.4	12.7468	12.8288	12.63484	2.98328	3.3	2.69999	15.82247	0.07602	15.81166
19.4	16.66632	16.7	16.4	12.77032	12.88422	12.69026	2.95959	3.3	2.69999	15.90587	0.00748	15.895
19.5	16.67317	16.7	16.4	12.81	12.91192	12.69026	2.98655	3.3	2.8	15.98926	0.03475	15.97861
19.5	16.67317	16.7	16.4	12.81	12.91192	12.69026	2.98655	3.3	2.8	16.07264	0	16.06166
19.5	16.62589	16.7	16.4	12.80163	12.91192	12.69026	3.07074	3.3	2.9	16.15607	0.02063	16.145
19.7	16.62147	16.7	16.4	12.81521	12.93963	12.69026	3.09194	3.3	3	16.23945	0.04256	16.22861
19.7	16.58922	16.7	16.4	12.82855	12.96734	12.71797	3.12419	3.3	3	16.32287	0.10447	16.31166
19.5	16.43691	16.7	16.3	12.85502	12.93963	12.77338	3.23958	3.3	2.69999	16.40624	0.04221	16.395
19.4	16.57584	16.7	16.4	12.76248	12.91192	12.66255	2.96783	3.3	2.69999	16.48945	0.04258	16.47833
19.4	16.69062	16.8	16.6	12.71897	12.80109	12.66255	2.72615	2.9	2.59999	16.57265	0.01409	16.56194
19.4	16.69062	16.8	16.6	12.71897	12.80109	12.66255	2.72615	2.9	2.59999	16.65585	0.04256	16.645
19.3	16.69664	16.7	16.6	12.72036	12.80109	12.63484	2.7067	2.9	2.59999	16.73906	0.03474	16.72833
19.3	16.73689	16.8	16.7	12.70048	12.77338	12.60714	2.66309	2.8	2.59999	16.82226	0	16.81194
19.3	16.73689	16.8	16.7	12.70048	12.77338	12.60714	2.66309	2.8	2.59999	16.90546	0.03473	16.895

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
19.4	16.72684	16.8	16.7	12.67909	12.74568	12.57943	2.67987	2.69999	2.59999	16.98867	0.04255	16.97833
19.4	16.7067	16.8	16.6	12.67054	12.74568	12.57943	2.7	2.8	2.59999	17.07187	0.03471	17.06166
19.4	16.8309	17	16.7	12.63107	12.71797	12.52401	2.57514	2.8	2.4	17.15507	0.05537	17.14527
19.4	16.8309	17	16.7	12.63107	12.71797	12.52401	2.57514	2.8	2.4	17.23828	0.0206	17.22833
19.4	16.89064	17	16.8	12.62907	12.71797	12.52401	2.52549	2.7	2.4	17.32148	0.05536	17.31166
19.4	16.93965	17	16.8	12.57855	12.69026	12.44089	2.56905	2.9	2.3	17.40469	0.0412	17.395
19.4	17.01013	17.2	16.8	12.54999	12.66255	12.41318	2.61248	2.9	2.3	17.48789	0.06957	17.47833
19.5	17.26041	17.4	17.2	12.52114	12.60714	12.41318	2.45772	2.59999	2.3	17.5711	0.08381	17.56194
19.5	17.26041	17.4	17.2	12.52114	12.60714	12.41318	2.45772	2.59999	2.3	17.65429	0.00784	17.645
19.7	17.23601	17.3	17.2	12.71605	12.8288	12.4963	2.54376	2.59999	2.4	17.7375	0.00784	17.72833
19.8	17.33698	17.4	17.2	12.69992	12.77338	12.63484	2.48315	2.8	2.4	17.8207	0.03478	17.81194
19.8	17.31245	17.4	17.2	12.70176	12.80109	12.63484	2.60877	2.7	2.4	17.9039	0.03479	17.89527
19.9	17.41683	17.5	17.3	12.70172	12.77338	12.60714	2.58989	2.7	2.4	17.98711	0	17.97833
20	17.45052	17.5	17.3	12.66481	12.74568	12.52401	2.73363	2.99999	2.5	18.07031	0.04115	18.06194
20	17.45052	17.5	17.3	12.66481	12.74568	12.52401	2.73363	2.99999	2.5	18.15351	0	18.14527
20.3	17.48319	17.5	17.4	12.61078	12.74568	12.52401	2.89087	3	2.8	18.23672	0	18.22861
20.3	17.48319	17.5	17.4	12.61078	12.74568	12.52401	2.89087	3	2.8	18.31993	0.05536	18.31166
20.4	17.49323	17.6	17.4	12.61216	12.71797	12.52401	2.93267	3.2	2.9	18.40313	0.03479	18.395
20.5	17.59397	17.8	17.5	12.62761	12.74568	12.4963	3.01944	3.2	2.8	18.48633	0.02849	18.47861
20.5	17.59397	17.8	17.5	12.62761	12.74568	12.4963	3.01944	3.2	2.8	18.56955	0.09028	18.56166
20.7	17.77273	17.9	17.5	12.49967	12.63484	12.38547	2.96429	3.2	2.8	18.65275	0.10451	18.64527
20.7	17.77273	17.9	17.5	12.49967	12.63484	12.38547	2.96429	3.2	2.8	18.73595	0.00629	18.72833
20.7	17.78323	17.9	17.6	12.443	12.52401	12.35776	3.06438	3.4	2.9	18.81917	0.02845	18.81166
20.7	17.73598	17.8	17.5	12.41066	12.4963	12.33006	3.19975	3.5	2.8	18.90239	0.06175	18.895
20.7	17.79531	17.9	17.5	12.41513	12.52401	12.30235	3.13061	3.5	2.8	18.98561	0	18.97833
20.7	17.79661	17.9	17.6	12.4418	12.55172	12.35776	3.07312	3.3	2.8	19.06883	0	19.06166
20.7	17.70934	17.8	17.5	12.4418	12.52401	12.35776	3.17861	3.4	2.9	19.15205	0.04111	19.14527
20.7	17.70934	17.8	17.5	12.4418	12.52401	12.35776	3.17861	3.4	2.9	19.23527	0.03481	19.22833
20.7	17.83018	17.9	17.8	12.42877	12.52401	12.35776	3.04305	3.19999	2.8	19.31849	0.0696	19.31194
20.7	17.83018	17.9	17.8	12.42877	12.52401	12.35776	3.04305	3.19999	2.8	19.4017	0.02701	19.395
20.7	17.83369	17.9	17.8	12.42467	12.4963	12.33006	3.11576	3.19999	2.8	19.48492	0.03481	19.47833
20.7	17.85289	18	17.5	12.44115	12.52401	12.35776	3.08988	3.5	2.7	19.56812	0	19.56166
20.9	18.09529	18.2	17.9	12.45432	12.52401	12.35776	2.90468	3.1	2.8	19.65134	0.01269	19.64527

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
20.9	18.09529	18.2	17.9	12.45432	12.52401	12.35776	2.90468	3	2.6	19.73455	0.04102	19.72833
21	18.21447	18.4	18.1	12.43754	12.52401	12.35776	2.83604	3	2.6	19.81775	0.02876	19.81166
21	18.29426	18.4	18.1	12.42017	12.4963	12.30235	2.83609	3.1	2.6	19.90096	0	19.895
21.2	18.52808	18.7	18.2	12.38685	12.52401	12.24693	2.71573	3	2.5	19.98417	0.04935	19.97833
21.6	18.6528	18.8	18.5	12.37816	12.4686	12.21922	2.98088	3.2	2.9	20.06737	0.02708	20.06194
21.6	18.6528	18.8	18.5	12.37816	12.4686	12.21922	2.98088	3.2	2.9	20.15057	0	20.145
21.7	18.5303	18.7	18.4	12.36447	12.4686	12.21922	3.18993	3.4	3	20.23378	0	20.22833
21.7	18.49422	18.7	18.4	12.35329	12.44089	12.27464	3.31584	3.5	3.09999	20.31698	0.04102	20.31166
21.7	18.34949	18.5	18.2	12.40141	12.55172	12.30235	3.41346	3.59999	3.2	20.40019	0.02048	20.395
21.7	18.82688	19.1	18.7	12.43726	12.4963	12.30235	2.93269	3.09999	2.69999	20.48339	0.00599	20.47861
21.7	18.82688	19.1	18.7	12.43726	12.4963	12.30235	2.93269	3.09999	2.69999	20.5666	0.08071	20.56166
21.9	18.76091	19.1	18.6	12.45348	12.52401	12.38547	3.36807	3.6	2.9	20.6498	0.03494	20.64527
21.9	18.76091	19.1	18.6	12.45348	12.52401	12.38547	3.36807	3.6	2.9	20.73301	0.00598	20.72833
22.2	18.74718	19	18.6	12.43472	12.52401	12.33006	3.50668	3.69999	3.3	20.81622	0.0205	20.81166
22.2	18.81817	19.1	18.5	12.4185	12.4963	12.33006	3.47845	3.8	3.1	20.89943	0	20.895
22.2	18.80309	19.1	18.5	12.43445	12.4963	12.35776	3.48008	3.8	3.1	20.98263	0.02045	20.97833
22.4	19.19989	19.3	18.8	12.39692	12.4963	12.27464	3.21691	3.59999	3.09999	21.06584	0.05546	21.06194
22.4	19.19989	19.3	18.8	12.39692	12.4963	12.27464	3.21691	3.59999	3.09999	21.14904	0.01151	21.145
22.4	19.10641	19.4	18.8	12.43137	12.52401	12.35776	3.31714	3.69999	3	21.23225	0.02238	21.22833
22.4	19.4075	20	18.8	12.4067	12.52401	12.30235	3.28543	3.99999	2.7	21.31545	0.02041	21.31194
22.7	19.65183	20	19.4	12.41235	12.4963	12.27464	3.20983	3.6	2.7	21.39865	0.07794	21.39527
22.7	19.65183	20	19.4	12.41235	12.4963	12.27464	3.20983	3.6	2.7	21.48187	0.04077	21.47833
23.3	19.7747	20.3	19.4	12.52852	12.63484	12.33006	3.70614	4.2	3.09999	21.56507	0.03506	21.56194
23.3	19.7747	20.3	19.4	12.52852	12.63484	12.33006	3.70614	4.2	3.09999	21.64828	0.00586	21.645
23.5	19.48076	20.5	18.8	12.54582	12.69026	12.30235	4.15289	4.9	3.1	21.73148	0.04073	21.72861
23.5	19.48076	20.5	18.8	12.54582	12.69026	12.30235	4.15289	3.59999	2.6	21.8147	0.02961	21.81166
23.6	20.67499	21.1	20.3	12.38016	12.4963	12.24693	3.02937	3.59999	2.6	21.89791	0.05554	21.895
23.7	20.374	20.5	20.2	12.47836	12.60714	12.35776	3.54822	3.9	3.2	21.98111	0.06118	21.97833
23.9	20.26061	20.4	19.9	12.46973	12.55172	12.35776	3.77644	4.2	3.5	22.06431	0.03507	22.06166
23.9	20.02823	20.2	19.8	12.51842	12.63484	12.38547	4.04479	4.3	3.8	22.14752	0.02039	22.145
23.7	19.81259	20.3	19.4	12.5724	12.63484	12.44089	4.17527	4.6	3.59999	22.23072	0.02948	22.22861
23.7	19.81259	20.3	19.4	12.5724	12.63484	12.44089	4.17527	4.6	3.59999	22.31392	0.02956	22.31166
23.9	20.35055	20.5	20.2	12.5204	12.63484	12.41318	3.63361	3.9	3.5	22.39713	0.01479	22.395

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
23.9	20.41679	20.5	20.2	12.55926	12.63484	12.4686	3.71456	4	3.4	22.48033	0.02033	22.47833
24.1	20.38865	21	19.8	12.56992	12.63484	12.44089	3.81473	4.4	3.2	22.56354	0.07051	22.56166
24.3	20.84068	21.2	20.3	12.57495	12.69026	12.4963	3.59731	4.3	3.09999	22.64674	0.00555	22.64527
24.3	20.84068	21.2	20.3	12.57495	12.69026	12.4963	3.59731	4.9	4.09999	22.72995	0.0351	22.72833
24.3	20.11479	20.3	19.7	12.64326	12.77338	12.52401	4.39871	4.9	4.09999	22.81315	0.05787	22.81166
24.3	20.26204	20.5	20	12.61608	12.71797	12.4963	4.24372	4.6	3.99999	22.89635	0.01482	22.89527
24.3	20.26204	20.5	20	12.61608	12.71797	12.4963	4.24372	4.6	3.99999	22.97955	0.03518	22.97833
24.3	20.31161	20.5	20	12.63593	12.74568	12.55172	4.23117	4.3	3.9	23.06276	0.05556	23.06194
24.3	20.34599	20.9	19.7	12.64438	12.85651	12.44089	4.19904	4.9	3.49999	23.14597	0.02041	23.14527
24.3	20.20977	20.5	19.9	12.73501	12.8288	12.63484	4.33268	4.7	4	23.22917	0.02037	23.22861
24.3	20.20977	20.5	19.9	12.73501	12.8288	12.63484	4.33268	4.7	4	23.31238	0	23.31166
24.3	20.51342	20.8	20.3	12.67511	12.80109	12.52401	4.02934	4.3	3.69999	23.39558	0.07039	23.39527
24.3	20.51342	20.8	20.3	12.67511	12.80109	12.52401	4.02934	4.3	3.3	23.4788	0.05697	23.47833
24.3	20.65351	21	20.3	12.64635	12.80109	12.52401	3.81616	4.3	3.3	23.562	0.00546	23.56166
24.3	20.62722	21	20.3	12.71907	12.8288	12.63484	3.92523	4.3	3.4	23.64521	0.05786	23.64527
24.3	20.62722	21	20.3	12.71907	12.8288	12.63484	3.92523	4.3	3.8	23.72841	0.01482	23.72833
24.2	20.86266	21.1	20.5	12.62196	12.71797	12.52401	3.53964	4	3.1	23.81162	0.0149	23.81194
24.2	20.83582	21.1	20.3	12.60519	12.71797	12.4686	3.42375	3.9	3.1	23.89482	0	23.89527
24	20.32345	20.5	20	12.61835	12.69026	12.52401	3.82266	4.1	3.6	23.97803	0.06116	23.97861
24	20.32345	20.5	20	12.61835	12.69026	12.52401	3.82266	4.1	3	24.00002	0	23.99972
23.9	20.64776	20.9	20	2.79067	12.69026	0	3.34949	4.1	3	24.00002	0	23.99972
23.9	20.76622	21	20.5	0	0	0	3.33383	3.7	3.09999	24.00002	0	23.99972
24	20.64932	21.2	20.4	0	0	0	3.46309	3.8	2.9	24.00002	0	23.99972
24	20.47261	21.2	20	0	0	0	3.69133	4.2	2.9	24.00002	0	23.99972
24	20.47261	21.2	20	0	0	0	3.69133	4	3.19999	24.00002	0	23.99972
23.9	20.34485	20.8	20.2	0	0	0	3.74837	4	3.19999	24.00002	0	23.99972
23.9	20.38439	20.8	20	0	0	0	3.65939	4.1	3.3	24.00002	0	23.99972
23.9	20.26605	20.5	20	0	0	0	3.75312	4.1	3.4	24.00002	0	23.99972
23.7	20.57861	21	20.3	0	0	0	3.38772	3.9	2.9	24.00002	0	23.99972
23.9	20.64632	21	20.2	0	0	0	3.3604	3.8	3	24.00002	0	23.99972
23.7	20.46411	20.8	20.4	0	0	0	3.44259	3.6	3.09999	24.00002	0	23.99972
23.7	20.41602	20.8	19.9	0	0	0	3.47725	4.1	3.09999	24.00002	0	23.99972
23.7	20.41753	20.5	20	0	0	0	3.39823	3.9	3.2	24.00002	0	23.99972

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
23.7	20.46963	20.8	20.2	0	0	0	3.26403	3.59999	2.9	24.00002	0	23.99972
23.7	20.20571	20.4	19.8	0	0	0	3.60871	4.09999	3.3	24.00002	0	23.99972
23.7	20.19987	20.4	19.9	0	0	0	3.53385	4	3.3	24.00002	0	23.99972
23.6	19.89655	20.2	19.7	0	0	0	3.76773	4	3.5	24.00002	0	23.99972
23.4	19.69999	19.8	19.6	0	0	0	3.80906	4	3.59999	24.00002	0	23.99972
23.1	19.60909	19.8	19.4	0	0	0	3.7235	4	3.4	24.00002	0	23.99972
23	19.43728	19.7	19.2	0	0	0	3.66273	3.99999	3.4	24.00002	0	23.99972
22.7	19.30442	19.6	19.1	0	0	0	3.55644	3.9	3.1	24.00002	0	23.99972
22.4	19.5245	19.7	19.3	0	0	0	3.13163	3.4	2.8	24.00002	0	23.99972
22.4	19.5245	19.7	19.3	0	0	0	3.13163	3.4	2.8	0.01122	0.10537	0.01222
22.4	19.41484	19.6	19.3	1.57994	14.76836	0	3.11718	3.3	3	0.09463	0	0.09555
22.4	19.38413	19.6	19.3	14.88005	15.07315	14.68523	3.05186	3.19999	2.9	0.178	0.02637	0.17888
22.2	19.12486	19.4	18.8	15.05243	15.21169	14.9069	3.24812	3.59999	3	0.26138	0.03507	0.26222
22.1	19.19001	19.4	19.1	15.26149	15.40564	15.15627	2.95037	3.1	2.7	0.34477	0.02045	0.34583
22.1	19.19001	19.4	19.1	15.26149	15.40564	15.15627	2.95037	3	2.7	0.42815	0	0.42916
22.1	19.26194	19.4	19.1	15.27493	15.40564	15.10085	2.84814	3	2.7	0.51152	0.01461	0.51222
22.1	19.3616	19.6	19.2	15.31278	15.43335	15.21169	2.79565	2.9	2.6	0.59489	0	0.59583
22.1	19.23267	19.3	19.2	15.35081	15.46106	15.18398	2.95385	3.09999	2.8	0.67826	0.02829	0.67916
22.1	19.23267	19.3	19.2	15.35081	15.46106	15.18398	2.95385	3.09999	2.8	0.76163	0.02719	0.76222
22.1	19.17302	19.4	19.1	15.34408	15.46106	15.21169	3.01688	3.1	2.8	0.84501	0	0.84555
21.9	18.94497	19.2	18.7	15.37402	15.48877	15.23939	3.22796	3.5	3	0.92837	0.03497	0.92888
21.7	18.57545	18.7	18.4	15.39195	15.46106	15.2671	3.29427	3.5	3.19999	1.01175	0.04108	1.01222
21	17.84737	18.1	17.8	15.45323	15.54418	15.35023	3.32786	3.4	3.19999	1.09511	0	1.09583
21	17.84737	18.1	17.8	15.45323	15.54418	15.35023	3.32786	3.4	3.19999	1.17848	0.07596	1.17888
20.4	17.69218	17.8	17.5	15.53523	15.68272	15.37794	2.93373	3.1	2.8	1.26185	0.06973	1.2625
20.4	17.69218	17.8	17.5	15.53523	15.68272	15.37794	2.93373	3.1	2.8	1.34521	0.04916	1.34555
20.3	17.4663	17.5	17.4	15.57384	15.73814	15.43335	2.90335	3	2.8	1.42858	0.03487	1.42916
20.3	17.4663	17.5	17.4	15.57384	15.73814	15.43335	2.90335	2.9	2.6	1.51197	0.06964	1.5125
20	17.39999	17.5	17.3	15.6377	15.76585	15.48877	2.81578	2.9	2.6	1.59534	0.04121	1.59555
19.8	17.16298	17.3	17	15.71715	15.82126	15.5996	2.75615	3	2.49999	1.67871	0.04906	1.67916
19.8	17.16298	17.3	17	15.71715	15.82126	15.5996	2.75615	3	2.49999	1.76207	0.03482	1.76222
19.5	16.99326	17	16.9	15.78296	15.87668	15.71043	2.70222	2.8	2.5	1.84544	0.00785	1.84583
19.5	16.99326	17	16.9	15.78296	15.87668	15.71043	2.70222	2.8	2.5	1.92882	0.04266	1.92888

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
19.4	17.0235	17.2	16.9	15.7737	15.84897	15.68272	2.46301	2.8	2.19999	2.0122	0	2.01222
19.3	17.03353	17.2	16.9	15.79049	15.87668	15.71043	2.33944	2.4	2.19999	2.09558	0.02845	2.09555
19.1	16.8764	17	16.8	15.82041	15.90439	15.71043	2.36295	2.49999	2.1	2.17894	0	2.17916
19.1	16.8764	17	16.8	15.82041	15.90439	15.71043	2.36295	2.49999	2.1	2.2623	0.02847	2.26222
18.9	16.83369	17	16.8	15.81987	15.9321	15.71043	2.25276	2.3	2	2.34568	0.06958	2.34583
18.9	16.83369	17	16.8	15.81987	15.9321	15.71043	2.25276	2.3	2	2.42904	0	2.42888
18.9	16.837	17	16.8	15.82126	15.9321	15.71043	2.06299	2.09999	1.9	2.5124	0.13914	2.5125
18.7	16.83365	17	16.8	15.84503	16.01522	15.73814	2.01924	2.09999	1.7	2.59575	0.03478	2.59583
18.7	16.83365	17	16.8	15.84503	16.01522	15.73814	2.01924	2.09999	1.7	2.6791	0.03479	2.67888
18.7	16.83029	17	16.7	15.8274	15.9598	15.71043	1.9148	2.09999	1.7	2.76246	0.03479	2.76222
18.7	16.82019	16.9	16.8	15.8042	15.9598	15.68272	1.91011	2	1.8	2.8458	0	2.84555
18.6	16.80338	16.9	16.7	15.80618	15.90439	15.71043	1.88983	1.9	1.7	2.92915	0.02062	2.92888
18.6	16.81682	16.9	16.8	15.78232	15.90439	15.62731	1.81682	1.9	1.7	3.01252	0.01415	3.01222
18.6	16.83029	16.9	16.8	15.77256	15.84897	15.71043	1.77306	1.9	1.7	3.09589	0.06953	3.09555
18.3	16.89088	17	16.8	15.57411	15.71043	15.40564	1.68554	1.8	1.3	3.17925	0.11711	3.17916
18.3	16.89088	17	16.8	15.57411	15.71043	15.40564	1.68554	1.8	1.3	3.26263	0	3.26222
18.3	16.75384	16.8	16.7	15.68134	15.82126	15.57189	1.799	1.9	1.59999	3.346	0.07579	3.34583
18.3	16.75384	16.8	16.7	15.68134	15.82126	15.57189	1.799	1.9	1.59999	3.42938	0.04886	3.42888
18.3	16.75389	16.8	16.7	15.63653	15.79356	15.51648	1.78303	1.9	1.49999	3.51275	0.02062	3.51222
18.3	16.77645	16.8	16.7	15.66205	15.76585	15.54418	1.67508	1.9	1.49999	3.59611	0.03475	3.59583
18.3	16.75953	16.8	16.7	15.67545	15.79356	15.57189	1.65973	1.9	1.49999	3.67949	0.02846	3.67888
18.3	16.73938	16.8	16.7	15.73871	15.84897	15.62731	1.64852	1.9	1.49999	3.76285	0	3.7625
18.3	16.73938	16.8	16.7	15.73871	15.84897	15.62731	1.64852	1.9	1.49999	3.84621	0	3.84555
18.3	16.62241	16.7	16.4	15.74178	15.84897	15.65502	1.69103	1.9	1.59999	3.92957	0	3.92916
18.3	16.62241	16.7	16.4	15.74178	15.84897	15.65502	1.69103	1.9	1.59999	4.01294	0.02717	4.01222
18.2	16.62212	16.7	16.4	15.76726	15.84897	15.68272	1.6846	1.9	1.5	4.0963	0	4.09555
18.2	16.49433	16.7	16.4	15.79694	15.9598	15.71043	1.79557	1.9	1.59999	4.17968	0.0141	4.17888
18.2	16.53604	16.7	16.4	15.84423	15.9598	15.73814	1.73703	1.9	1.59999	4.26306	0.02818	4.26222
18.2	16.49564	16.7	16.4	15.83275	15.9598	15.73814	1.75046	1.9	1.59999	4.34643	0.03477	4.34555
18.1	16.66064	16.7	16.4	15.76976	15.84897	15.68272	1.55958	1.9	1.4	4.42979	0.06945	4.42888
18.1	16.66635	16.7	16.4	15.75805	15.82126	15.65502	1.52932	1.7	1.4	4.51316	0.03471	4.51222
18.1	16.54841	16.7	16.4	15.79722	15.90439	15.71043	1.61013	1.9	1.4	4.59651	0.06945	4.59555
18.1	16.56538	16.7	16.4	15.79213	15.87668	15.71043	1.5717	1.8	1.4	4.67989	0.03475	4.67916

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
18.1	16.56538	16.7	16.4	15.79213	15.87668	15.71043	1.5717	1.8	1.4	4.76327	0.06944	4.76222
18.1	16.57531	16.7	16.4	15.74294	15.84897	15.65502	1.54487	1.8	1.4	4.84663	0.00752	4.84583
18.1	16.57531	16.7	16.4	15.74294	15.84897	15.65502	1.54487	1.8	1.4	4.92999	0.04129	4.92888
18.1	16.49756	16.7	16.4	15.79355	15.87668	15.68272	1.60243	1.7	1.4	5.01334	0.03471	5.0125
18.1	16.49756	16.7	16.4	15.79355	15.87668	15.68272	1.60243	1.8	1.5	5.09669	0.03471	5.09555
18.1	16.299	16.4	16.2	15.85542	15.9321	15.73814	1.80435	1.9	1.7	5.18005	0.03471	5.17916
18.1	16.299	16.4	16.2	15.85542	15.9321	15.73814	1.80435	1.9	1.8	5.26342	0	5.2625
18	16.20909	16.3	16.2	15.8129	15.90439	15.73814	1.88417	1.9	1.8	5.3468	0.06936	5.34583
18	16.20909	16.3	16.2	15.8129	15.90439	15.73814	1.88417	1.9	1.8	5.43018	0.05535	5.42888
18	16.20569	16.3	16.1	15.798	15.9598	15.71043	1.85722	2	1.69999	5.51354	0	5.5125
18	16.1966	16.2	16.1	15.86521	15.98751	15.76585	1.84712	2	1.8	5.59689	0	5.59583
18	16.1966	16.2	16.1	15.86521	15.98751	15.76585	1.84712	1.9	1.8	5.68024	0	5.67916
18	16.1977	16.3	16.1	15.92396	16.01522	15.82126	1.82927	1.9	1.8	5.7636	0.08336	5.76222
18	16.23265	16.3	16.2	15.81068	15.9598	15.68272	1.77643	1.9	1.69999	5.84695	0.03469	5.84555
18	16.22016	16.3	16.2	15.78794	15.90439	15.68272	1.7832	1.8	1.69999	5.9303	0.00785	5.92888
17.9	16.19663	16.2	16.1	15.80923	15.9598	15.68272	1.77307	1.9	1.69999	6.01368	0.03469	6.0125
17.7	16.23026	16.4	16.2	15.78122	15.87668	15.71043	1.73937	1.8	1.4	6.09705	0.10402	6.09583
17.7	16.23026	16.4	16.2	15.78122	15.87668	15.71043	1.73937	1.8	1.4	6.18042	0	6.17888
17.7	16.21681	16.3	16.2	15.80364	15.9598	15.71043	1.66633	1.9	1.5	6.26378	0.02067	6.26222
17.7	16.12018	16.2	16.1	15.86941	16.09834	15.71043	1.71579	1.9	1.5	6.34716	0.05536	6.34583
17.7	16.12018	16.2	16.1	15.86941	16.09834	15.71043	1.71579	1.9	1.5	6.43055	0.03466	6.42888
17.7	16.14373	16.2	16.1	15.87724	16.04293	15.73814	1.6104	1.9	1.5	6.51391	0	6.5125
17.7	16.14373	16.2	16.1	15.87724	16.04293	15.73814	1.6104	1.9	1.5	6.59729	0.03467	6.59555
17.7	16.12694	16.2	16.1	15.90496	16.09834	15.76585	1.6168	1.9	1.5	6.68068	0.03469	6.67888
17.7	16.05625	16.1	15.8	15.89736	16.09834	15.73814	1.64375	1.9	1.6	6.76407	0	6.7625
17.6	16.08992	16.1	16	15.85205	16.04293	15.71043	1.61344	1.8	1.6	6.84742	0	6.84583
17.6	16.08992	16.1	16	15.85205	16.04293	15.71043	1.61344	1.8	1.6	6.93078	0.02068	6.92888
17.6	15.92465	16.1	15.8	16.13996	16.32001	15.9598	1.75516	1.9	1.6	7.01418	0.04137	7.0125
17.6	15.92465	16.1	15.8	16.13996	16.32001	15.9598	1.75516	1.9	1.6	7.09756	0.03467	7.09555
17.6	15.88881	16.1	15.8	16.23102	16.34772	15.9598	1.79433	1.9	1.6	7.18096	0.0425	7.17888
17.6	15.83365	16	15.8	16.23998	16.34772	16.12605	1.83942	1.9	1.6	7.26435	0	7.26222
17.6	15.78654	15.8	15.7	16.24864	16.34772	16.09834	1.86634	2	1.8	7.34774	0	7.34555
17.6	15.79326	15.8	15.7	16.16737	16.32001	15.98751	1.8495	2	1.8	7.43112	0.04137	7.42888

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
17.6	15.79663	15.8	15.7	16.11552	16.26459	15.9598	1.80341	1.9	1.8	7.51448	0	7.5125
17.6	15.79663	15.8	15.7	16.11552	16.26459	15.9598	1.80341	1.9	1.5	7.59785	0	7.59583
17.6	15.80672	16.1	15.7	16.051	16.23688	15.9321	1.79901	1.9	1.5	7.68122	0.03466	7.67888
17.5	15.84032	16.1	15.8	16.07787	16.32001	15.87668	1.75294	1.9	1.4	7.7646	0.03466	7.76222
17.5	15.8989	16.1	15.8	16.10961	16.32001	15.9321	1.68764	1.8	1.5	7.84798	0	7.84583
17.5	15.8989	16.1	15.8	16.10961	16.32001	15.9321	1.68764	1.8	1.5	7.93136	0.04137	7.92888
17.4	15.89118	16.1	15.8	16.25453	16.37542	16.12605	1.66702	1.8	1.3	8.01474	0.03463	8.0125
17.4	15.89118	16.1	15.8	16.25453	16.37542	16.12605	1.66702	1.8	1.3	8.09811	0.03466	8.09555
17.4	15.77645	15.8	15.7	16.25735	16.34772	16.12605	1.75046	1.9	1.59999	8.18148	0.03463	8.17916
17.4	15.77645	15.8	15.7	16.25735	16.34772	16.12605	1.75046	1.9	1.59999	8.26491	0.08999	8.26222
17.4	15.79664	15.8	15.7	16.24305	16.34772	16.12605	1.71013	1.8	1.59999	8.34836	0	8.34555
17.4	15.79663	15.8	15.7	16.21396	16.32001	16.01522	1.67878	1.8	1.59999	8.43184	0	8.42916
17.4	15.79663	15.8	15.7	16.21396	16.32001	16.01522	1.67878	1.8	1.59999	8.51531	0.10403	8.51222
17.4	15.86727	16.1	15.8	16.17897	16.2923	15.9598	1.60007	1.8	1.3	8.59877	0.04137	8.59555
17.4	15.96157	16.1	15.8	16.20138	16.32001	16.01522	1.59903	1.8	1.3	8.68219	0.04197	8.67916
17.4	15.96157	16.1	15.8	16.20383	16.34772	15.98751	1.49227	1.8	1.3	8.7656	0.03467	8.76222
17.4	16.03937	16.2	15.8	16.14173	16.32001	15.9321	1.401	1.69999	1.19999	8.84901	0.06205	8.84583
17.4	16.03937	16.2	15.8	16.14173	16.32001	15.9321	1.401	1.69999	1.19999	8.93244	0.03466	8.92889
17.4	16.01554	16.1	15.8	16.23408	16.34772	16.07064	1.43157	1.69999	1.3	9.01586	0.01455	9.0125
17.4	16.01554	16.1	15.8	16.23408	16.34772	16.07064	1.43157	1.69999	1.3	9.09932	0	9.09555
17.4	15.80802	16	15.7	16.2873	16.34772	16.20917	1.63573	1.8	1.4	9.18272	0.06925	9.17889
17.4	15.70337	15.8	15.6	16.28869	16.34772	16.18147	1.73699	2.1	1.59999	9.2661	0.06921	9.2625
17.4	15.67982	15.8	15.5	16.29454	16.37542	16.20917	1.76063	2.1	1.59999	9.34951	0.03461	9.34555
17.4	15.59893	15.7	15.5	16.30268	16.40313	16.23688	1.84044	2	1.69999	9.4329	0.06921	9.42889
17.4	15.53374	15.7	15.5	16.28952	16.40313	16.18147	1.88309	2	1.69999	9.51628	0.10377	9.51222
17.3	15.50671	15.6	15.4	16.33485	16.45855	16.23688	1.89327	2	1.8	9.59967	0.03461	9.59583
17.3	15.50671	15.6	15.4	16.33485	16.45855	16.23688	1.89327	2	1.8	9.68309	0.03461	9.67889
17.3	15.60101	15.7	15.5	16.34878	16.45855	16.26459	1.78552	1.9	1.59999	9.76649	0.05534	9.76222
17.3	15.57978	15.7	15.5	16.34128	16.45855	16.23688	1.7899	1.9	1.59999	9.84992	0.0207	9.84555
17.3	15.58321	15.7	15.5	16.40371	16.54167	16.26459	1.74947	1.9	1.59999	9.93333	0	9.92889
17.3	15.65381	15.7	15.5	16.41599	16.51396	16.2923	1.6822	1.9	1.59999	10.01672	0.02856	10.0125
17.3	15.58415	15.7	15.5	16.43336	16.54167	16.32001	1.74614	1.9	1.59999	10.10013	0.03466	10.09555
17.3	15.63706	15.7	15.5	16.43947	16.59709	16.32001	1.68647	1.9	1.59999	10.1836	0.02069	10.17889

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
17.3	15.71014	15.8	15.7	16.37934	16.48626	16.26459	1.62358	1.69999	1.49999	10.26699	0.06929	10.26222
17.4	15.89769	16.1	15.8	16.44147	16.59709	16.23688	1.52928	1.69999	1.3	10.3504	0.04981	10.34583
17.4	15.89769	16.1	15.8	16.44147	16.59709	16.23688	1.52928	1.69999	1.3	10.43381	0.04868	10.42889
17.6	16.05287	16.1	15.8	16.41596	16.6248	16.26459	1.57408	1.8	1.5	10.51721	0.03469	10.5125
17.6	16.11009	16.2	16.1	16.36593	16.51396	16.23688	1.59999	1.8	1.5	10.60061	0.04256	10.59583
17.6	16.11009	16.2	16.1	16.36593	16.51396	16.23688	1.59999	1.8	1.5	10.68403	0.014	10.67889
18	16.11351	16.2	16.1	16.34239	16.43084	16.20917	1.95394	2	1.8	10.7675	0	10.7625
18	16.11351	16.2	16.1	16.34239	16.43084	16.20917	1.95394	2	1.8	10.85093	0.01398	10.84555
18.1	16.08654	16.1	16	16.46701	16.59709	16.32001	2.19764	2.4	2	10.93437	0.03467	10.92916
18.1	16.08654	16.1	16	16.46701	16.59709	16.32001	2.19764	2.4	2	11.01783	0.03469	11.01222
18.3	16.09664	16.2	15.8	16.49333	16.6525	16.37542	2.38863	2.69999	2.19999	11.10122	0	11.09555
18.6	16.03034	16.1	15.8	16.5772	16.68021	16.43084	2.61682	2.9	2.5	11.18461	0.01402	11.17916
18.6	16.03034	16.1	15.8	16.5772	16.68021	16.43084	2.61682	2.9	2.5	11.26799	0.03467	11.26222
18.7	16.09327	16.1	16	16.5901	16.68021	16.45855	2.62354	2.8	2.5	11.35138	0	11.34555
18.7	16.16064	16.2	16.1	16.56829	16.70792	16.43084	2.67746	2.8	2.5	11.4348	0.03467	11.42889
18.8	16.14608	16.2	16.1	16.6178	16.70792	16.48626	2.77749	3	2.59999	11.5182	0.06936	11.51222
18.9	16.09663	16.1	16	16.61642	16.70792	16.51396	2.97172	3.1	2.8	11.60161	0.03469	11.59583
18.9	16.09663	16.1	16	16.61642	16.70792	16.51396	2.97172	3.1	2.8	11.68501	0.12464	11.67889
18.9	16.05627	16.1	15.8	16.61364	16.70792	16.51396	3.03361	3.3	2.8	11.76839	0.10457	11.76222
19.1	16.00006	16.1	15.8	16.60772	16.70792	16.45855	3.1033	3.4	3	11.8518	0.05421	11.84583
19.1	16.00006	16.1	15.8	16.60772	16.70792	16.45855	3.1033	3.4	3	11.93522	0.04869	11.92889
18.9	16.15283	16.2	16.1	16.49237	16.6248	16.37542	2.92698	3	2.8	12.01866	0.03471	12.0125
18.9	16.15283	16.2	16.1	16.49237	16.6248	16.37542	2.92698	3	2.8	12.10207	0.02067	12.09555
18.9	16.1438	16.2	16.1	16.4608	16.56938	16.32001	2.89563	3	2.69999	12.18552	0	12.17916
18.9	16.1438	16.2	16.1	16.4608	16.56938	16.32001	2.89563	3	2.69999	12.26897	0.04089	12.26222
18.9	16.13599	16.2	16.1	16.42947	16.51396	16.2923	2.93035	3	2.69999	12.35241	0	12.34583
18.9	16.13599	16.2	16.1	16.42947	16.51396	16.2923	2.93035	3	2.69999	12.43584	0.00785	12.42889
18.9	16.19764	16.3	16.1	16.3947	16.56938	16.26459	2.88891	3	2.8	12.51928	0	12.51222
19.1	16.1808	16.2	16.1	16.39109	16.48626	16.32001	2.92255	3	2.9	12.60271	0.02067	12.59583
19.1	16.18989	16.3	16.1	16.38212	16.45855	16.2923	2.92355	3	2.8	12.68615	0	12.67916
19.1	16.18989	16.3	16.1	16.38212	16.45855	16.2923	2.92355	3	2.8	12.76964	0	12.76222
18.9	16.20336	16.3	16.2	16.37654	16.48626	16.26459	2.90003	3	2.69999	12.85309	0	12.84555
19.1	16.16295	16.2	16.1	16.41186	16.56938	16.2923	2.97076	3.1	2.9	12.93653	0.03467	12.92916

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
19.1	16.16295	16.2	16.1	16.41186	16.56938	16.2923	2.97076	3.1	2.9	13.01996	0.03469	13.01222
19.1	16.16735	16.2	16.1	16.45408	16.54167	16.32001	2.96527	3.1	2.9	13.10338	0.06936	13.09555
19.1	16.17979	16.2	16.1	16.44261	16.54167	16.26459	2.92699	3.1	2.9	13.1868	0	13.17889
18.9	16.2135	16.3	16.1	16.47052	16.6248	16.32001	2.87641	3	2.69999	13.27023	0.06936	13.2625
18.9	16.2135	16.3	16.1	16.47052	16.6248	16.32001	2.87641	3	2.69999	13.35368	0	13.34555
18.9	16.25285	16.3	16.2	16.43024	16.59709	16.32001	2.83705	3	2.59999	13.43714	0.02065	13.42889
18.9	16.25385	16.3	16.2	16.44676	16.56938	16.34772	2.81249	2.9	2.59999	13.52058	0.05536	13.51222
18.9	16.15282	16.3	16.1	16.48344	16.6248	16.37542	2.89323	3.1	2.69999	13.60401	0.01399	13.59583
18.9	16.08653	16.2	16	16.52908	16.6525	16.37542	2.9346	3.1	2.69999	13.68746	0	13.67889
18.9	16.03607	16.1	15.8	16.50777	16.6525	16.40313	2.91105	3.3	2.8	13.77088	0.08217	13.76222
18.8	15.88779	16.1	15.8	16.5428	16.6525	16.37542	3.01888	3.3	2.8	13.85428	0.07602	13.84583
18.8	15.88779	16.1	15.8	16.5428	16.6525	16.37542	3.01888	3.3	2.8	13.93773	0	13.92889
18.7	15.82699	16	15.8	16.58222	16.70792	16.40313	2.97532	3.09999	2.7	14.02121	0.07603	14.0125
18.7	15.82699	16	15.8	16.58222	16.70792	16.40313	2.97532	3.09999	2.7	14.10465	0.00727	14.09555
18.7	15.91927	16.1	15.8	16.46835	16.56938	16.34772	2.81774	2.7	2.5	14.18806	0.06937	14.17916
18.6	16.21119	16.4	16.1	16.45715	16.59709	16.32001	2.45174	2.6	2.2	14.27145	0.06945	14.2625
18.6	16.21119	16.4	16.1	16.45715	16.59709	16.32001	2.45174	2.6	2.2	14.35486	0.06944	14.34555
18.6	16.60536	16.7	16.4	16.37739	16.56938	16.20917	2.04181	2.3	1.9	14.43827	0	14.42889
18.6	16.76736	16.9	16.7	16.30515	16.40313	16.20917	1.91587	2	1.8	14.5217	0	14.51222
18.8	17.16499	17.3	17	16.2878	16.37542	16.20917	1.7688	2.1	1.59999	14.60513	0.0412	14.59583
18.8	17.16499	17.3	17	16.2878	16.37542	16.20917	1.7688	2.1	1.59999	14.68853	0.0697	14.67889
19.2	17.45634	17.6	17.4	16.184	16.34772	15.9598	1.87839	2	1.7	14.77195	0.03483	14.7625
19.2	17.45634	17.6	17.4	16.184	16.34772	15.9598	1.87839	2	1.7	14.8554	0	14.84555
19.7	18.17751	18.4	18.1	15.82681	15.9598	15.73814	1.66064	1.9	1.4	14.93884	0.02882	14.92916
19.7	18.17751	18.4	18.1	15.82681	15.9598	15.73814	1.66064	1.9	1.4	15.0223	0	15.01222
20	18.4839	18.7	18.1	15.7709	15.82126	15.71043	1.61067	2.3	1.3	15.10567	0.00805	15.09555
20.6	17.48983	17.8	17.4	15.97662	16.23688	15.76585	3.16746	3.5	2.8	15.18911	0	15.17916
20.6	17.48983	17.8	17.4	15.97662	16.23688	15.76585	3.16746	3.5	2.8	15.27252	0.02058	15.26222
20.7	17.62468	17.8	17.4	15.88422	16.09834	15.73814	3.20678	3.5	2.9	15.35599	0.04111	15.34583
20.7	17.77596	17.9	17.5	15.86663	16.15376	15.73814	3.18032	3.5	2.9	15.43944	0	15.42889
21	17.76603	17.9	17.5	15.82655	15.9598	15.73814	3.23734	3.6	3.09999	15.52287	0.00783	15.5125
20.9	17.68889	17.8	17.5	15.80785	15.9321	15.68272	3.30773	3.6	3.09999	15.60634	0	15.59555
20.9	17.8942	18.1	17.8	15.75127	15.84897	15.54418	3.10579	3.3	2.9	15.68973	0	15.67916

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
20.9	17.8942	18.1	17.8	15.75127	15.84897	15.54418	3.10579	3.3	2.9	15.77317	0	15.76222
21	17.78658	17.8	17.6	15.75266	15.84897	15.65502	3.2471	3.4	3.19999	15.85659	0	15.84555
20.7	17.59463	17.8	17.4	15.77059	15.84897	15.71043	3.40203	3.6	3.19999	15.94004	0.04268	15.92889
20.7	17.41582	17.5	17.3	15.7602	15.84897	15.5996	3.47306	3.6	3.3	16.02338	0.10439	16.01222
20.6	17.45042	17.6	17.3	15.76864	15.87668	15.65502	3.27112	3.6	3.1	16.10679	0	16.09555
20.6	17.50678	17.6	17.5	15.76252	15.84897	15.68272	3.15283	3.2	3	16.19024	0.03481	16.17916
20.6	17.50678	17.6	17.5	15.76252	15.84897	15.68272	3.15283	3.2	3	16.27367	0.03485	16.26222
20.6	17.74144	17.8	17.5	15.7762	15.87668	15.68272	2.92827	3.1	2.8	16.35712	0.04111	16.34555
20.7	17.66207	17.8	17.5	15.75402	15.87668	15.65502	3.17612	3.5	2.9	16.44039	0.03483	16.42916
20.7	17.66207	17.8	17.5	15.75402	15.87668	15.65502	3.17612	3.5	2.9	16.5236	0.03493	16.51222
20.7	18.05952	18.5	17.8	15.70527	15.82126	15.51648	2.87418	3.19999	2.5	16.60682	0.13963	16.59555
21.1	18.67645	19.1	18.4	15.49964	15.68272	15.35023	2.48428	2.7	2.1	16.69003	0.07002	16.67916
21.1	18.67645	19.1	18.4	15.49964	15.68272	15.35023	2.48428	2.8	1.99999	16.77323	0.035	16.76222
21.3	19.14356	19.3	18.8	15.43923	15.51648	15.35023	2.31812	2.8	1.99999	16.85643	0	16.84555
21.8	19.93891	20.3	19.4	15.44403	15.5996	15.21169	2.2306	2.69999	1.9	16.93963	0.07027	16.92916
22.3	19.86155	20.2	19.7	15.59234	15.79356	15.40564	2.71708	3.19999	2.3	17.02284	0.03507	17.0125
22.3	19.86155	20.2	19.7	15.59234	15.79356	15.40564	2.71708	3.19999	2.3	17.10604	0.01466	17.09555
22.9	19.72024	19.8	19.7	15.73116	15.82126	15.62731	3.42927	3.69999	3.09999	17.18924	0.06805	17.17888
23.4	19.88212	20.2	19.7	15.70909	15.82126	15.57189	3.71457	3.9	3.3	17.27245	0.03507	17.2625
23.4	19.88212	20.2	19.7	15.70909	15.82126	15.57189	3.71457	3.9	3.3	17.35565	0.02923	17.34555
23.6	19.45171	19.8	19.1	15.73426	15.84897	15.5996	4.19775	4.6	3.8	17.43886	0.07002	17.42916
23.6	19.45171	19.8	19.1	15.73426	15.84897	15.5996	4.19775	4.6	3.8	17.52207	0.04976	17.5125
23.4	19.51113	19.9	19	15.67784	15.84897	15.51648	4.07538	4.6	3.69999	17.60527	0.01466	17.59555
23.4	19.79663	20	19.7	15.58789	15.76585	15.43335	3.74273	3.9	3.5	17.68847	0.00682	17.67888
23.4	19.55443	19.9	19.1	15.55228	15.71043	15.37794	3.93209	4.5	3.5	17.77168	0.04669	17.7625
23.4	20.11107	20.5	19.6	15.48254	15.5996	15.37794	3.35191	4	3	17.85489	0.01252	17.84583
23.4	20.11107	20.5	19.6	15.48254	15.5996	15.37794	3.35191	4	3	17.9381	0.07592	17.92888
23.4	20.86377	21.1	20.5	15.44095	15.54418	15.32252	2.72378	3	2.5	18.0213	0.01475	18.01222
23.6	20.80764	21.2	20.2	15.4684	15.68272	15.32252	2.9541	4.1	3.5	18.10451	0.03513	18.09555
24	20.42452	20.9	20.2	15.5815	15.71043	15.43335	3.7284	4	3.2	18.18771	0.02036	18.17916
24	20.42452	20.9	20.2	15.5815	15.71043	15.43335	3.7284	4	3.2	18.27091	0.02038	18.26222
24.1	20.19567	20.4	19.9	15.50726	15.62731	15.35023	3.96388	4.3	3.7	18.35411	0.00905	18.34583
24.1	20.19567	20.4	19.9	15.50726	15.62731	15.35023	3.96388	4.3	3.7	18.43732	0.07589	18.42888

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
24	20.44923	21.1	20	15.4731	15.62731	15.37794	3.64413	4.1	3.1	18.52054	0.05555	18.51222
24	21.04483	21.5	20.8	15.45014	15.5996	15.15627	3.11143	3.4	2.6	18.60376	0.08369	18.59555
24.2	21.00246	21.4	20.8	15.48601	15.65502	15.35023	3.27515	3.49999	2.9	18.68696	0.01494	18.67888
24.5	21.25501	21.7	21	15.58987	15.73814	15.43335	3.40571	3.69999	3	18.77017	0.02566	18.7625
24.5	21.25501	21.7	21	15.58987	15.73814	15.43335	3.40571	3.69999	3	18.85337	0.03805	18.84555
24.8	21.11244	21.4	20.9	15.59257	15.68272	15.46106	3.34968	4	3.59999	18.93657	0.02566	18.92916
24.8	21.11244	21.4	20.9	15.75102	15.84897	15.57189	3.78756	4	3.59999	19.01978	0.0203	19.01222
24.8	21.36271	21.6	21.1	15.66757	15.84897	15.51648	3.56437	4	3.3	19.10298	0.03535	19.09555
24.9	21.62137	22	21.2	15.61982	15.79356	15.54418	3.43149	3.9	3.1	19.18618	0	19.17916
24.9	21.6161	22	21.4	15.71207	15.84897	15.5996	3.58491	3.9	3.1	19.26938	0.05561	19.26222
25.2	21.63024	21.8	21.4	15.73953	15.82126	15.57189	3.65295	3.8	3.3	19.35259	0.04052	19.34555
25.3	21.80321	22.1	21.5	15.73426	15.84897	15.5996	3.54395	3.8	3.3	19.43579	0.06288	19.42888
25.3	21.85534	22.1	21.5	15.72437	15.84897	15.5996	3.5581	3.9	3.3	19.519	0.05563	19.51222
25.4	22.09082	22.3	21.7	15.78921	15.9598	15.68272	3.58561	4	3.09999	19.60221	0	19.59583
25.4	22.09082	22.3	21.7	15.78921	15.9598	15.68272	3.58561	4	3.09999	19.68541	0.00515	19.67888
25.7	21.88783	22.3	21.5	15.89995	16.01522	15.71043	3.97514	4.5	3.49999	19.76861	0.07592	19.7625
25.7	21.88783	22.3	21.5	15.89995	16.01522	15.71043	3.97514	4.5	3.49999	19.85181	0.03543	19.84555
25.8	22.42717	22.8	22.1	15.92648	16.01522	15.82126	3.49972	3.8	3.09999	19.93502	0.04548	19.92916
25.8	22.42717	22.8	22.1	15.92648	16.01522	15.82126	3.49972	3.8	3.09999	20.01822	0.03541	20.01222
25.9	22.12791	22.3	21.8	16.02144	16.23688	15.84897	4.01262	4.3	3.69999	20.10143	0.03541	20.09583
25.9	22.12791	22.3	21.8	16.02144	16.23688	15.84897	4.01262	4.3	3.69999	20.18463	0.01241	20.17888
26	21.90488	22.2	21.6	16.14787	16.40313	15.98751	4.24011	4.5	3.8	20.26783	0.01519	20.26222
25.9	22.1644	22.4	22	16.13732	16.34772	15.9321	3.83551	4	3.6	20.35104	0.02024	20.34583
25.9	22.1644	22.4	22	16.13732	16.34772	15.9321	3.83551	4	3.6	20.43424	0.03545	20.42888
26.1	22.39737	23	21.8	16.30448	16.48626	15.9598	3.90607	4.49999	3.4	20.51745	0.03547	20.5125
26.1	22.39737	23	21.8	16.30448	16.48626	15.9598	3.90607	4.49999	3.4	20.60065	0	20.59555
26.6	23.20304	23.9	22.4	16.21186	16.51396	15.9321	3.52844	4.6	2.7	20.68386	0.06067	20.67916
26.6	23.20304	23.9	22.4	16.21186	16.51396	15.9321	3.52844	4.6	2.7	20.76706	0.0355	20.76222
26.7	22.95372	23.2	22.8	16.41633	16.56938	16.26459	3.94191	4.19999	3.5	20.85026	0.0153	20.84583
26.7	22.95372	23.2	22.8	16.41633	16.56938	16.26459	3.94191	4.19999	3.5	20.93347	0	20.92888
26.6	22.65855	22.8	22.3	16.45044	16.51396	16.34772	4.09648	4.5	3.8	21.01667	0.03545	21.01222
26.6	22.59311	22.9	22.3	16.46045	16.59709	16.32001	4.07763	4.4	3.7	21.09988	0	21.09555
26.4	21.78808	22.3	21.4	16.51759	16.68021	16.40313	4.79391	5.19999	4.6	21.18308	0.0353	21.17916

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
25.9	21.37859	21.6	21.1	16.48905	16.68021	16.37542	4.85948	5.19999	4.6	21.26628	0.00527	21.26222
25.5	21.329	21.5	21.1	16.48934	16.56938	16.40313	4.49329	4.5	3.4	21.34949	0.01505	21.34583
25.3	21.55143	22	21.2	16.46864	16.56938	16.37542	3.90806	4.5	3.4	21.43269	0.03531	21.42888
25.1	21.42054	22.1	20.9	16.49629	16.6525	16.37542	3.76027	4.4	3.1	21.5159	0.07081	21.5125
25.1	21.42054	22.1	20.9	16.49629	16.6525	16.37542	3.76027	4.4	3.1	21.5991	0.0203	21.59555
25.2	21.62114	21.8	21.5	16.50895	16.6248	16.40313	3.70242	3.9	3.4	21.6823	0.00519	21.67916
25.2	21.62114	21.8	21.5	16.50895	16.6248	16.40313	3.70242	3.9	3.4	21.76551	0.03539	21.76222
25.3	21.73129	22	21.5	16.48042	16.56938	16.37542	3.62934	3.8	3.3	21.84871	0.02027	21.84583
25.3	21.65631	21.8	21.5	16.47896	16.54167	16.40313	3.73359	3.9	3.59999	21.93192	0.0432	21.92888
25.4	21.51372	21.8	21.2	16.4832	16.56938	16.40313	3.88627	4.3	3.8	22.01512	0.01247	22.0125
25.3	21.33913	21.5	21	16.5406	16.73563	16.40313	4.03722	4.3	3.8	22.09833	0.03531	22.09555
25.1	20.89003	21.1	20.5	16.57965	16.70792	16.40313	4.34249	4.8	4.1	22.18153	0.03528	22.17916
25.1	20.89003	21.1	20.5	16.57965	16.70792	16.40313	4.34249	4.8	4.1	22.26473	0.11391	22.26222
24.8	21.0576	21.4	20.9	16.51142	16.6525	16.40313	3.97828	4	3.5	22.34793	0.00784	22.34555
24.7	20.61695	20.9	20.3	16.52294	16.6248	16.43084	4.17522	4.4	3.9	22.43114	0	22.42916
24.7	20.61695	20.9	20.3	16.52294	16.6248	16.43084	4.17522	4.4	3.9	22.51434	0.02272	22.51222
24.3	20.39083	20.5	20.2	16.5131	16.6525	16.40313	4.19798	4.5	3.8	22.59755	0.03529	22.59555
24.2	20.51371	20.8	20.4	16.51913	16.68021	16.40313	3.74922	3.9	3.4	22.68075	0.03524	22.67916
24.2	20.51371	20.8	20.4	16.51913	16.68021	16.40313	3.74922	3.9	3.4	22.76395	0.02036	22.76222
24.1	20.4833	20.8	20.4	16.51842	16.6248	16.37542	3.70995	3.8	3.3	22.84715	0	22.84583
24.1	20.4833	20.8	20.4	16.51842	16.6248	16.37542	3.70995	3.8	3.3	22.93036	0.10049	22.92888
24.1	20.55312	20.8	20.4	16.56214	16.68021	16.43084	3.64341	3.8	3.3	23.01359	0.076	23.01222
24.1	20.8809	21.1	20.8	16.52006	16.6525	16.40313	3.37068	3.6	3.19999	23.0968	0.05025	23.09555
24.3	20.58647	20.9	20.3	16.66263	16.81875	16.51396	3.8887	4.3	3.4	23.18001	0	23.17916
24.3	20.58647	20.9	20.3	16.66263	16.81875	16.51396	3.8887	4.3	3.4	23.26321	0.04075	23.26222
24.2	20.17087	20.4	19.9	16.74404	16.84646	16.59709	4.16611	4.6	3.9	23.34641	0.0148	23.34583
24.2	20.17087	20.4	19.9	16.74404	16.84646	16.59709	4.16611	4.6	3.9	23.42961	0.09081	23.42888
24.1	20.0066	20.3	19.8	16.73993	16.87417	16.56938	4.20576	4.4	3.8	23.51282	0.10016	23.5125
24	20.03813	20.2	19.8	16.72706	16.84646	16.54167	4.06177	4.4	3.8	23.59605	0.04075	23.59555
23.9	20.32445	20.4	20.2	16.66144	16.81875	16.51396	3.67209	3.9	3.5	23.67927	0.06119	23.67888
23.7	19.78543	20	19.6	16.62985	16.81875	16.40313	4.07972	4.19999	4	23.76247	0.02043	23.7625
23.7	19.78543	20	19.6	16.62985	16.81875	16.40313	4.07972	4.19999	4	23.84569	0	23.84555
23.4	19.71692	19.8	19.6	16.6245	16.79105	16.45855	3.80113	4	3.59999	23.92889	0	23.92888

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
23	19.83364	19.9	19.7	16.62086	16.73563	16.43084	3.47186	3.59999	3.1	24.00056	0	24
22.7	19.62797	19.9	19.3	0	0	0	3.16763	3.59999	2.9	24.00056	0	24
22.7	19.62797	19.9	19.3	0	0	0	3.16763	3.59999	2.9	24.00056	0	24
22.4	19.26964	19.4	19.2	0	0	0	3.3786	3.59999	3.09999	24.00056	0	24
22.3	19.19654	19.3	19.1	0	0	0	3.19663	3.3	3.09999	24.00056	0	24
22.2	19.12692	19.2	19	0	0	0	3.14943	3.3	3	24.00056	0	24
22.1	18.89108	19.1	18.7	0	0	0	3.27516	3.5	3	24.00056	0	24
21.7	18.72355	18.8	18.5	0	0	0	3.18769	3.6	2.99999	24.00056	0	24
21.7	18.63925	18.8	18.5	0	0	0	3.10784	3.3	2.99999	24.00056	0	24
21.6	18.63116	18.8	18.5	0	0	0	3.01493	3.2	2.8	24.00056	0	24
21.2	18.31233	18.4	18.2	0	0	0	2.99775	3.2	2.9	24.00056	0	24
21.1	18.2202	18.4	18.1	0	0	0	2.98888	3.19999	2.7	24.00056	0	24
21.1	18.2202	18.4	18.1	0	0	0	2.98888	3.1	2.7	24.00056	0	24
21	18.18646	18.4	18.1	0	0	0	2.91589	3.1	2.7	24.00056	0	24
21	18.16389	18.4	18.1	0	0	0	2.85527	3	2.6	24.00056	0	24
20.7	17.93853	18.1	17.9	0	0	0	2.9603	3.1	2.6	24.00056	0	24
20.6	17.91816	18.1	17.9	0	0	0	2.7784	3	2.6	24.00056	0	24
20.4	17.86636	17.9	17.8	0	0	0	2.59551	2.8	2.5	24.00056	0	24
20.3	17.82588	17.9	17.6	0	0	0	2.52019	2.5	2.19999	24.00056	0	24
20	17.80991	17.9	17.6	0	0	0	2.426	2.5	2.19999	24.00056	0	24
20	17.5262	17.8	17.5	0	0	0	2.53671	2.6	2.19999	24.00056	0	24
19.9	17.52385	17.8	17.5	0	0	0	2.4627	2.6	2.19999	24.00056	0	24
19.8	17.5	17.6	17.4	0	0	0	2.372	2.5	2.3	24.00056	0	24
19.8	17.47983	17.6	17.4	0	0	0	2.32016	2.4	2.19999	24.00056	0	24
19.5	17.42254	17.5	17.4	0	0	0	2.29325	2.4	2.1	0.0115	0.23076	0.0125
19.4	17.35977	17.4	17.3	1.3457	12.38547	0	2.22722	2.4	2	0.0949	0.02059	0.09583
19.3	17.33261	17.4	17.3	12.47703	12.60714	12.35776	2.01345	2.09999	1.9	0.17828	0.0349	0.17916
19.1	17.27648	17.4	17.2	12.56966	12.71797	12.38547	1.97633	2.09999	1.8	0.26166	0.01432	0.2625
19.1	17.23946	17.3	17.2	12.64295	12.71797	12.55172	1.89653	2	1.8	0.34503	0.06191	0.34583
18.7	17.21681	17.3	17.2	12.69954	12.80109	12.60714	1.6731	1.8	1.49999	0.42841	0	0.42944
18.7	17.21681	17.3	17.2	12.69954	12.80109	12.60714	1.6731	1.69999	1.4	0.51177	0.02703	0.51277
18.7	17.21345	17.3	17.2	12.75606	12.85651	12.66255	1.58879	1.69999	1.4	0.59515	0.03489	0.59583
18.7	17.20672	17.3	17.2	12.75212	12.8288	12.66255	1.51479	1.69999	1.4	0.67853	0.03488	0.67944

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
18.7	17.20672	17.3	17.2	12.75212	12.8288	12.66255	1.51479	1.69999	1.4	0.76192	0.01429	0.7625
18.6	17.20672	17.3	17.2	12.78145	12.85651	12.69026	1.47982	1.5	1.3	0.84531	0.04273	0.84583
18.6	17.12602	17.2	17	12.79879	12.85651	12.71797	1.51669	1.7	1.4	0.92867	0.07608	0.92944
18.6	17.12602	17.2	17	12.79879	12.85651	12.71797	1.51669	1.6	1.4	1.01207	0.03485	1.01277
18.6	17.15271	17.2	17	12.81625	12.91192	12.69026	1.46745	1.6	1.4	1.09547	0.10463	1.09583
18.6	17.10765	17.2	17	12.87189	12.99505	12.74568	1.4958	1.7	1.4	1.17886	0.04119	1.17944
18.6	17.08742	17.2	17	12.86938	12.96734	12.77338	1.51829	1.7	1.4	1.26225	0	1.26277
18.6	17.05399	17.2	17	12.85848	12.96734	12.74568	1.54936	1.6	1.4	1.34563	0.00636	1.34611
18.6	17.05399	17.2	17	12.85848	12.96734	12.74568	1.54936	1.6	1.4	1.42901	0.0063	1.42916
18.5	17.13273	17.2	17	12.88477	12.96734	12.77338	1.45717	1.7	1.3	1.51238	0.04121	1.51277
18.5	17.13946	17.2	17	12.92593	13.02275	12.8288	1.46389	1.7	1.3	1.59576	0.10463	1.59583
18.5	17.13925	17.2	17	12.94273	13.02275	12.85651	1.46074	1.6	1.3	1.67914	0	1.67916
18.5	17.06059	17.2	17	12.95227	13.02275	12.85651	1.52257	1.6	1.3	1.7625	0.11094	1.7625
18.5	17.08539	17.2	17	12.95669	13.05046	12.85651	1.51124	1.6	1.4	1.84587	0	1.84611
18.5	17.08539	17.2	17	12.95669	13.05046	12.85651	1.51124	1.6	1.4	1.92922	0.03483	1.92916
18.5	16.98655	17	16.9	12.95506	13.02275	12.85651	1.60662	1.7	1.5	2.01257	0	2.01277
18.5	16.98655	17	16.9	12.95506	13.02275	12.85651	1.60662	1.7	1.5	2.09593	0	2.09583
18.5	16.98647	17	16.8	12.969	13.05046	12.88422	1.59432	1.8	1.5	2.1793	0.03481	2.17916
18.3	16.88764	17	16.8	12.96619	13.05046	12.88422	1.67873	1.8	1.4	2.26267	0.01419	2.26277
18.3	16.87534	17	16.8	12.95254	13.05046	12.88422	1.67747	1.8	1.4	2.34604	0	2.34611
18.3	16.87534	17	16.8	12.95254	13.05046	12.88422	1.67747	1.8	1.4	2.4294	0	2.42916
18.3	16.83362	17	16.8	12.88339	12.99505	12.74568	1.66508	1.8	1.4	2.51277	0.02063	2.51277
18.3	16.83362	17	16.8	12.88339	12.99505	12.74568	1.66508	1.8	1.4	2.59612	0	2.59583
18.3	16.82015	17	16.8	12.88695	12.99505	12.74568	1.63273	1.8	1.4	2.67947	0	2.67944
18.3	16.82015	17	16.8	12.88695	12.99505	12.74568	1.63273	1.8	1.4	2.76283	0.02062	2.7625
18.3	16.78312	16.8	16.7	12.83444	12.93963	12.74568	1.6665	1.8	1.49999	2.84618	0	2.84583
18.3	16.79092	16.8	16.7	12.85006	12.93963	12.80109	1.61823	1.8	1.49999	2.92955	0.01416	2.92916
18.3	16.76964	16.8	16.7	12.84082	12.93963	12.74568	1.5822	1.8	1.49999	3.01292	0.02061	3.0125
18.3	16.73701	16.8	16.7	12.84811	12.93963	12.74568	1.62357	1.8	1.49999	3.09629	0.02061	3.09583
18.2	16.71684	16.8	16.7	12.8358	12.93963	12.74568	1.59325	1.69999	1.5	3.17967	0.02063	3.17916
18.2	16.69664	16.7	16.6	12.85368	12.96734	12.69026	1.59664	1.69999	1.5	3.26305	0	3.2625
18.2	16.67298	16.7	16.4	12.88584	13.02275	12.80109	1.61356	1.9	1.5	3.34643	0.00134	3.34583
18.2	16.57647	16.7	16.4	12.90653	13.02275	12.80109	1.70337	2.1	1.5	3.4298	0.06953	3.42916

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
18.1	16.40322	16.6	16.3	12.93571	13.02275	12.8288	1.80015	1.9	1.6	3.51318	0	3.51277
18.1	16.40322	16.6	16.3	12.93571	13.02275	12.8288	1.80015	1.9	1.6	3.59654	0.01407	3.59583
18.1	16.31339	16.4	16.2	12.94444	13.05046	12.8288	1.85961	2.09999	1.7	3.67991	0.06948	3.67916
18.1	16.21916	16.3	16.2	12.96795	13.05046	12.88422	1.90674	2	1.8	3.76327	0.03471	3.76277
18.1	16.21916	16.3	16.2	12.96795	13.05046	12.88422	1.90674	2	1.8	3.84664	0.03473	3.84583
18.1	16.19998	16.3	16.1	13.01464	13.13359	12.88422	1.90674	2	1.8	3.93001	0	3.92944
18.1	16.19998	16.3	16.1	13.01464	13.13359	12.88422	1.90674	2	1.8	4.01339	0.06944	4.0125
18	16.19328	16.2	16.1	13.04483	13.18901	12.91192	1.89326	2	1.8	4.09676	0.03471	4.09611
18	16.19328	16.2	16.1	13.04483	13.18901	12.91192	1.89326	2	1.8	4.18016	0.03471	4.17916
18	16.20336	16.3	16.2	13.0331	13.18901	12.88422	1.82016	1.9	1.69999	4.26355	0	4.26277
18	16.20336	16.3	16.2	13.0331	13.18901	12.88422	1.82016	1.9	1.69999	4.34695	0	4.34611
17.9	16.20336	16.3	16.2	13.08879	13.24442	12.96734	1.8	1.9	1.69999	4.43033	0.03473	4.42916
17.9	16.1999	16.3	16.1	13.16716	13.27213	13.02275	1.78082	1.9	1.69999	4.51371	0.03473	4.51277
17.9	16.1999	16.3	16.1	13.16716	13.27213	13.02275	1.78082	1.9	1.69999	4.59707	0.02067	4.59583
17.7	16.147	16.2	16	13.09552	13.21671	12.99505	1.76315	2	1.5	4.68044	0.02067	4.67944
17.7	16.147	16.2	16	13.09552	13.21671	12.99505	1.76315	2	1.5	4.76383	0.0694	4.7625
17.7	16.09428	16.2	16	13.06207	13.24442	12.93963	1.76773	2	1.6	4.84721	0.00731	4.84583
17.7	15.89237	16.1	15.8	13.12387	13.32754	12.96734	1.83924	2.09999	1.6	4.93056	0.1107	4.92944
17.7	15.89237	16.1	15.8	13.12387	13.32754	12.96734	1.83924	2.09999	1.6	5.01392	0.03467	5.0125
17.7	15.84842	16.1	15.8	13.16235	13.32754	12.99505	1.85157	1.9	1.6	5.09727	0.06937	5.09583
17.6	15.87753	16.1	15.8	13.16563	13.27213	13.02275	1.8191	2.09999	1.6	5.18064	0.02068	5.17944
17.6	15.91237	16.1	15.8	13.21575	13.35525	13.07817	1.79099	2.09999	1.6	5.264	0.03467	5.2625
17.6	15.8638	16.1	15.7	13.19601	13.32754	13.05046	1.83283	2	1.7	5.34736	0.03469	5.34583
17.6	15.81109	16	15.7	13.2522	13.35525	13.1613	1.872	2	1.7	5.43072	0.03467	5.42916
17.6	15.79663	15.8	15.7	13.07929	13.24442	12.96734	1.86301	1.9	1.8	5.51408	0	5.51277
17.6	15.81346	16	15.7	13.08714	13.27213	12.93963	1.84953	2	1.7	5.59745	0	5.59611
17.6	15.81346	16	15.7	13.08714	13.27213	12.93963	1.84953	2	1.7	5.68082	0.06937	5.67916
17.6	15.8269	16	15.8	13.08984	13.29984	12.91192	1.84619	1.9	1.6	5.76418	0	5.7625
17.6	15.81008	16.1	15.8	13.18057	13.35525	13.02275	1.83946	1.9	1.6	5.84753	0.03467	5.84583
17.6	15.74709	15.8	15.7	13.28645	13.41067	13.1613	1.94617	2	1.8	5.93088	0	5.92944
17.6	15.74709	15.8	15.7	13.28645	13.41067	13.1613	1.94617	2	1.8	6.01423	0	6.0125
17.7	15.76627	15.8	15.7	13.20865	13.32754	13.02275	1.93372	2	1.9	6.09757	0.03466	6.09611
17.7	15.76627	15.8	15.7	13.20865	13.32754	13.02275	1.93372	2	1.9	6.18093	0	6.17916

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
17.7	15.69663	15.7	15.6	13.22849	13.32754	13.05046	2.00336	2.1	2	6.26428	0	6.26277
17.7	15.69663	15.7	15.6	13.22849	13.32754	13.05046	2.00336	2.1	2	6.34763	0.06928	6.34583
17.7	15.71018	15.8	15.7	13.01076	13.13359	12.88422	2.00327	2.19999	1.9	6.43098	0.01397	6.42944
17.7	15.71018	15.8	15.7	13.01076	13.13359	12.88422	2.00327	2.19999	1.9	6.51436	0.03467	6.5125
17.7	15.7899	15.8	15.7	13.04088	13.18901	12.91192	2.15595	2.3	1.9	6.59771	0	6.59611
17.7	15.7899	15.8	15.7	13.04088	13.18901	12.91192	2.15595	2.3	1.9	6.68107	0.03471	6.67916
18	16.17747	16.3	16.1	13.03146	13.18901	12.91192	1.90336	2	1.8	6.76446	0	6.76277
18	16.17747	16.3	16.1	13.03146	13.18901	12.91192	1.90336	2	1.8	6.84786	0.06941	6.84583
18.1	16.21681	16.3	16.2	13.03938	13.18901	12.91192	1.90346	2	1.8	6.93125	0	6.92916
18.1	16.18981	16.2	16.1	13.01968	13.1613	12.91192	2.01704	2.19999	1.9	7.0146	0	7.0125
18.3	16.17064	16.2	16.1	13.03503	13.18901	12.91192	2.16978	2.5	2.09999	7.09795	0.02066	7.09611
18.3	16.16066	16.2	16.1	13.01576	13.13359	12.91192	2.32468	2.5	2.09999	7.18131	0.03467	7.17916
18.3	16.01808	16.2	15.8	13.00718	13.18901	12.91192	2.56186	2.9	2.69999	7.26467	0.03467	7.26277
18.5	15.79663	15.8	15.7	13.11281	13.27213	12.96734	2.80581	2.9	2.69999	7.34804	0.06205	7.34583
18.6	16.0597	16.1	15.8	13.27215	13.35525	13.18901	2.62683	2.9	2.5	7.4314	0	7.42944
18.6	16.0597	16.1	15.8	13.27215	13.35525	13.18901	2.62683	2.9	2.5	7.51477	0	7.5125
18.6	16.01264	16.1	15.8	13.31638	13.43838	13.1613	2.67727	2.9	2.5	7.59813	0	7.59583
18.7	16.18084	16.3	16.1	13.26952	13.35525	13.1613	2.53944	2.69999	2.4	7.68148	0.0694	7.67916
18.7	16.22017	16.3	16.2	13.22095	13.32754	13.07817	2.51268	2.69999	2.4	7.76484	0.03469	7.7625
18.7	16.15715	16.2	16.1	13.29523	13.41067	13.18901	2.72266	2.8	2.5	7.84821	0	7.84611
18.7	16.15715	16.2	16.1	13.29523	13.41067	13.18901	2.72266	2.8	2.5	7.93156	0	7.92916
18.8	16.18419	16.3	16.1	13.26712	13.38296	13.13359	2.70235	2.8	2.49999	8.01492	0.03471	8.0125
18.9	16.18086	16.3	16.1	13.32487	13.43838	13.18901	2.80662	3	2.59999	8.09828	0.03474	8.09611
18.9	16.18086	16.3	16.1	13.32487	13.43838	13.18901	2.80662	2.9	2.59999	8.18164	0.06945	8.17944
18.9	16.21345	16.3	16.2	13.36484	13.46608	13.24442	2.77419	2.9	2.59999	8.26507	0.03471	8.2625
18.9	16.05163	16.2	15.8	13.39248	13.49379	13.32754	3.03492	3.3	2.8	8.3485	0	8.34611
18.9	16.05163	16.2	15.8	13.39248	13.49379	13.32754	3.03492	3.3	2.8	8.43195	0.13874	8.42916
18.9	15.85709	16.1	15.8	13.3956	13.49379	13.27213	3.20239	3.3	2.8	8.51535	0.03466	8.51277
18.9	15.84067	16.1	15.8	13.42104	13.54921	13.35525	3.1602	3.3	2.8	8.59883	0	8.59583
18.9	16.04623	16.1	15.8	13.4056	13.49379	13.35525	2.90753	2.8	2.69999	8.68229	0.01404	8.67916
18.8	16.17973	16.2	16.1	13.37457	13.46608	13.27213	2.72359	3	2.59999	8.76573	0.10408	8.76277
18.8	16.17973	16.2	16.1	13.37457	13.46608	13.27213	2.72359	3	2.59999	8.84915	0.01404	8.84583
18.9	16.18083	16.2	16.1	13.35112	13.43838	13.21671	2.71916	2.8	2.69999	8.93258	0.03471	8.92916

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
18.9	16.18654	16.3	16.1	13.3734	13.46608	13.27213	2.7538	3	2.59999	9.01605	0	9.0125
18.9	16.41548	16.6	16.2	13.26818	13.38296	13.05046	2.64621	2.9	2.5	9.09949	0.04129	9.09611
18.9	16.41548	16.6	16.2	13.26818	13.38296	13.05046	2.64621	2.9	2.5	9.18295	0	9.17916
18.9	16.42352	16.6	16.3	13.23141	13.35525	13.07817	2.67319	2.9	2.3	9.2664	0	9.2625
19.1	16.33608	16.4	16.2	13.28929	13.41067	13.07817	2.85816	3	2.7	9.34985	0.02065	9.34611
19.1	16.33608	16.4	16.2	13.28929	13.41067	13.07817	2.85816	3	2.7	9.4333	0	9.42916
19.2	16.32928	16.4	16.2	13.30798	13.41067	13.18901	2.92353	3.09999	2.8	9.51676	0	9.51277
19.2	16.32928	16.4	16.2	13.30798	13.41067	13.18901	2.92353	3.09999	2.8	9.6002	0.04256	9.59583
19.2	16.19561	16.3	16.1	13.30825	13.49379	13.18901	3.0943	3.19999	2.99999	9.68364	0.03471	9.67944
19.2	16.19561	16.3	16.1	13.30825	13.49379	13.18901	3.0943	3.19999	2.99999	9.7671	0.09007	9.7625
19.2	16.1832	16.2	16.1	13.38743	13.46608	13.29984	3.05288	3.19999	3	9.85054	0.05536	9.84611
19.2	16.1832	16.2	16.1	13.38743	13.46608	13.29984	3.05288	3.19999	3	9.93398	0	9.92916
19.1	16.16972	16.2	16.1	13.38964	13.46608	13.29984	3.04946	3.19999	2.9	10.01741	0.03469	10.01277
19.1	16.16972	16.2	16.1	13.38964	13.46608	13.29984	3.04946	3.19999	2.9	10.10087	0.03471	10.09583
19.1	16.21008	16.3	16.2	13.3486	13.43838	13.21671	2.94943	3	2.8	10.18435	0.03471	10.17944
19.1	16.21008	16.3	16.2	13.3486	13.43838	13.21671	2.94943	3	2.8	10.2678	0.02065	10.2625
19.1	16.23039	16.3	16.2	13.35553	13.43838	13.24442	2.91681	3	2.8	10.35127	0.03471	10.34611
19.1	16.23262	16.4	16.2	13.29432	13.38296	13.18901	2.9438	3	2.8	10.43471	0.06944	10.42916
19.1	16.27747	16.4	16.2	13.3179	13.46608	13.18901	2.88875	3.09999	2.7	10.51817	0.05538	10.5125
19.1	16.34706	16.4	16.2	13.38827	13.49379	13.27213	2.83375	3	2.7	10.60162	0	10.59583
19.1	16.51222	16.7	16.3	13.35199	13.49379	13.21671	2.69447	2.9	2.4	10.6851	0.06168	10.67916
19.2	16.65727	16.7	16.4	13.293	13.38296	13.18901	2.58991	2.9	2.5	10.76854	0.03473	10.7625
19.2	16.57555	16.7	16.4	13.2447	13.32754	13.10588	2.71098	3	2.59999	10.85192	0	10.84611
19.2	16.4138	16.7	16.4	13.26606	13.35525	13.18901	2.91323	3	2.59999	10.9353	0.01403	10.92916
19.3	16.38084	16.4	16.3	13.18417	13.29984	13.02275	3.01579	3.09999	2.99999	11.01869	0.00784	11.01277
19.3	16.38084	16.4	16.3	13.18417	13.29984	13.02275	3.01579	3.09999	2.99999	11.10205	0	11.09583
19.3	16.363	16.4	16.3	13.14274	13.27213	12.96734	3.04036	3.19999	2.9	11.18547	0.03473	11.17916
19.4	16.50762	16.7	16.3	13.10115	13.24442	12.93963	2.98327	3.3	3	11.26893	0.06945	11.2625
19.5	16.5416	16.7	16.4	13.17519	13.32754	12.99505	3.07968	3.3	2.8	11.35236	0	11.34611
19.5	16.5416	16.7	16.4	13.17519	13.32754	12.99505	3.07968	3.3	2.8	11.43581	0.02063	11.42916
19.4	16.68072	16.7	16.4	13.23634	13.32754	13.05046	2.94525	3.3	2.69999	11.51929	0.03477	11.51277
19.5	16.54955	16.7	16.4	13.23633	13.35525	13.07817	3.13023	3.3	2.8	11.60269	0.00654	11.59611
19.5	16.54955	16.7	16.4	13.23633	13.35525	13.07817	3.13023	3.3	2.8	11.68612	0.05019	11.67916

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
19.5	16.54617	16.7	16.3	13.2156	13.32754	13.07817	3.16727	3.4	2.9	11.76957	0	11.7625
19.7	16.67982	16.7	16.4	13.15434	13.29984	12.96734	3.05289	3.3	3	11.853	0.03475	11.84611
19.7	16.67982	16.7	16.4	13.15434	13.29984	12.96734	3.05289	3.3	3	11.93644	0	11.92916
19.7	16.69664	16.7	16.6	13.15053	13.29984	12.96734	3.05962	3.1	3	12.01986	0	12.0125
19.7	16.64944	16.7	16.4	13.16414	13.29984	12.99505	3.13375	3.4	3	12.10328	0.02196	12.09583
19.7	16.63038	16.7	16.4	13.26324	13.35525	13.13359	3.15952	3.4	3	12.18672	0.01278	12.17944
19.7	16.63038	16.7	16.4	13.26324	13.35525	13.13359	3.15952	3.4	3	12.27017	0.03478	12.2625
19.7	16.64946	16.8	16.4	13.26067	13.38296	13.07817	3.11015	3.4	2.9	12.35362	0.00655	12.34611
19.7	16.64946	16.8	16.4	13.26067	13.38296	13.07817	3.11015	3.4	2.9	12.43702	0.00756	12.42916
19.7	16.5325	16.7	16.4	13.23496	13.29984	13.1613	3.24721	3.4	3	12.52046	0	12.51277
19.7	16.50782	16.7	16.4	13.2867	13.38296	13.1613	3.2191	3.4	3	12.60389	0	12.59583
19.4	16.68318	16.8	16.4	13.09036	13.27213	12.96734	2.88898	3.1	2.59999	12.68732	0.09668	12.67944
19.4	16.68318	16.8	16.4	13.09036	13.27213	12.96734	2.88898	3.1	2.59999	12.77073	0	12.7625
19.4	16.5345	16.7	16.4	13.05229	13.24442	12.93963	3.06972	3.3	2.8	12.85415	0.02719	12.84611
19.4	16.5345	16.7	16.4	13.05229	13.24442	12.93963	3.06972	3.3	2.8	12.93758	0.09666	12.92916
19.4	16.57153	16.7	16.4	12.98614	13.07817	12.91192	2.96331	3.3	2.8	13.02101	0	13.01277
19.4	16.57153	16.7	16.4	12.98614	13.07817	12.91192	2.96331	3.3	2.8	13.10443	0.01418	13.09583
19.5	16.71663	17	16.4	12.97609	13.07817	12.91192	2.93624	3.3	2.6	13.18786	0.01418	13.17916
19.5	16.97645	17	16.8	12.95306	13.05046	12.8288	2.70001	2.9	2.5	13.2713	0.03481	13.26277
19.5	16.97645	17	16.8	12.95306	13.05046	12.8288	2.70001	2.9	2.5	13.35474	0	13.34583
19.5	17.06743	17.2	17	12.89623	13.02275	12.77338	2.636	2.8	2.5	13.4382	0.00784	13.42916
19.7	17.17292	17.3	17	12.86247	12.96734	12.74568	2.59666	2.8	2.4	13.52164	0.01417	13.5125
19.7	16.88902	17	16.8	12.93679	13.07817	12.80109	2.91896	3.1	2.8	13.60509	0	13.59611
19.8	16.93946	17	16.8	12.88773	12.99505	12.80109	2.92266	3.1	2.8	13.68854	0.04121	13.67916
19.8	16.9395	17.2	16.8	12.8243	12.91192	12.71797	3.00331	3	2.59999	13.77197	0	13.7625
19.8	17.18187	17.2	17	12.7882	12.88422	12.66255	2.81476	3	2.59999	13.85538	0.06179	13.84583
20	17.19639	17.3	17	12.79632	12.88422	12.69026	2.97109	3.3	2.69999	13.93881	0.03477	13.92944
20	17.19639	17.3	17	12.79632	12.88422	12.69026	2.97109	3.3	2.69999	14.02221	0.03477	14.0125
20.3	17.01032	17.2	16.9	12.73394	12.8288	12.63484	3.33674	3.5	3.09999	14.10563	0.03477	14.09611
20.3	17.01032	17.2	16.9	12.73394	12.8288	12.63484	3.33674	3.5	3.09999	14.18908	0.03481	14.17916
20.3	17.23134	17.4	17	12.75134	12.85651	12.66255	3.11923	3.4	2.9	14.27251	0.05541	14.26277
20.3	17.23134	17.4	17	12.75134	12.85651	12.66255	3.11923	3.4	2.9	14.35595	0.06961	14.34583
20.3	17.26253	17.4	17	12.76638	12.91192	12.69026	3.1341	3.4	2.99999	14.4394	0.02059	14.42916

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
20.4	17.26399	17.4	17.2	12.74905	12.80109	12.63484	3.15282	3.3	3	14.52286	0.09027	14.5125
20.4	17.36756	17.6	17.3	12.73114	12.80109	12.66255	3.07627	3.2	2.9	14.60629	0.00784	14.59583
20.5	17.49429	17.6	17.4	12.71767	12.80109	12.63484	3.09562	3.2	2.9	14.6897	0	14.67944
20.5	17.49429	17.6	17.4	12.71767	12.80109	12.63484	3.09562	3.2	2.9	14.77316	0.06181	14.7625
20.5	17.8976	18.1	17.8	12.71487	12.80109	12.63484	2.70577	2.8	2.5	14.85661	0	14.84611
20.5	17.8976	18.1	17.8	12.71487	12.80109	12.63484	2.70577	2.8	2.5	14.94004	0.0554	14.92916
20.6	18.1672	18.4	18.1	12.66142	12.74568	12.55172	2.60475	2.9	2.3	15.02345	0	15.01277
20.6	18.1672	18.4	18.1	12.66142	12.74568	12.55172	2.60475	2.9	2.3	15.10684	0	15.09583
20.9	18.26175	18.5	18.1	12.6413	12.74568	12.52401	2.74597	3	2.5	15.19026	0	15.17916
21.2	18.47632	18.6	18.4	12.63068	12.71797	12.55172	2.81795	3.1	2.6	15.27368	0.01445	15.26277
21.2	18.47632	18.6	18.4	12.63068	12.71797	12.55172	2.81795	3.1	2.6	15.35709	0.06993	15.34583
21.6	18.55188	18.7	18.4	12.63341	12.71797	12.55172	3.14142	3.3	2.9	15.44051	0	15.42944
21.6	18.55188	18.7	18.4	12.63341	12.71797	12.55172	3.14142	3.3	2.9	15.52393	0.07003	15.5125
21.8	18.86853	19.1	18.7	12.60149	12.71797	12.4963	3.06196	3.4	2.69999	15.60734	0.05549	15.59611
21.8	18.86853	19.1	18.7	12.60149	12.71797	12.4963	3.06196	3.4	2.69999	15.69075	0.01442	15.67916
22.1	18.60443	19.1	18.2	12.58085	12.63484	12.4963	3.56297	4	3	15.77417	0.01264	15.7625
22.2	18.33977	18.7	18.1	12.5962	12.69026	12.52401	3.89385	4.19999	3.5	15.85755	0.03492	15.84611
22.2	18.23859	18.7	18.1	12.65083	12.77338	12.4963	3.98505	4.19999	3.5	15.94097	0.05545	15.92916
22.1	19.01184	19.2	18.8	12.64729	12.74568	12.52401	3.20934	3.49999	2.9	16.02439	0.07006	16.01277
22.2	18.77645	19.1	18.6	12.60847	12.71797	12.52401	3.56167	3.8	3.19999	16.10781	0.00594	16.09611
22.2	18.77645	19.1	18.6	12.60847	12.71797	12.52401	3.56167	3.8	3.19999	16.19125	0.07023	16.17916
22.4	19.63944	19.9	19.4	12.57049	12.66255	12.41318	3.02703	3.4	2.8	16.27468	0	16.26277
22.4	19.63944	19.9	19.4	12.57049	12.66255	12.41318	3.02703	3.4	2.8	16.35806	0.0148	16.34583
22.8	19.98329	20.5	19.7	12.56938	12.69026	12.38547	3.00223	3.3	2.6	16.44132	0.00554	16.42916
23.4	19.86681	20.2	19.6	12.6967	12.85651	12.57943	3.70508	4	3.19999	16.52453	0	16.51277
23.4	19.86681	20.2	19.6	12.6967	12.85651	12.57943	3.70508	4	3.19999	16.60774	0.07035	16.59583
23.7	20.17882	20.3	20	12.63228	12.77338	12.52401	3.64923	3.9	3.4	16.69094	0.09632	16.67944
23.7	20.17882	20.3	20	12.63228	12.77338	12.52401	3.64923	3.9	3.4	16.77414	0.0148	16.7625
23.9	20.35802	20.5	19.9	12.69813	12.80109	12.57943	3.69825	4.3	3.5	16.85735	0.06119	16.84611
23.9	20.35802	20.5	19.9	12.69813	12.80109	12.57943	3.69825	4.3	3.5	16.94055	0.04086	16.92916
23.9	19.76386	20.2	19.4	12.77439	12.91192	12.60714	4.29814	4.7	3.69999	17.02375	0	17.01277
23.9	19.76386	20.2	19.4	12.77439	12.91192	12.60714	4.29814	4.7	3.69999	17.10696	0.01471	17.09583
23.9	19.55817	20	19.2	12.8066	12.88422	12.66255	4.48128	4.9	4.1	17.19016	0.02041	17.17916

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
23.9	19.4636	19.9	19.2	12.84648	12.91192	12.74568	4.54313	4.8	4.19999	17.27337	0.04665	17.26277
23.9	19.4636	19.9	19.2	12.84648	12.91192	12.74568	4.54313	4.8	4.19999	17.35657	0.0204	17.34583
23.9	19.6027	20	19.3	12.84753	12.91192	12.77338	4.37023	4.6	3.8	17.43978	0.06118	17.42944
23.7	19.78269	20.2	19.4	12.84251	12.91192	12.74568	4.17795	4.6	3.8	17.523	0.01478	17.5125
23.9	20.13607	20.4	19.8	12.84391	12.91192	12.74568	3.88074	4.5	3.69999	17.6062	0.02945	17.59611
23.9	20.00774	20.2	19.7	12.85654	12.93963	12.77338	4.06973	4.5	3.69999	17.68941	0.03524	17.67916
24	21.03876	21.7	20.5	12.83224	12.91192	12.71797	3.16122	3.7	2.59999	17.77262	0.04506	17.76277
24	21.03876	21.7	20.5	12.83224	12.91192	12.71797	3.16122	3.7	2.59999	17.85583	0.0258	17.84583
24.3	20.73954	21	20.5	13.00262	13.21671	12.85651	3.86161	4.2	3.4	17.93904	0	17.92944
24.3	20.73954	21	20.5	13.00262	13.21671	12.85651	3.86161	4.2	3.4	18.02225	0.01499	18.0125
24.7	20.94153	21.2	20.5	13.20553	13.32754	13.02275	3.90323	4.4	3.59999	18.10545	0	18.09611
24.7	20.94153	21.2	20.5	13.20553	13.32754	13.02275	3.90323	4.4	3.59999	18.18865	0.05022	18.17916
24.8	20.76864	21.1	20.4	13.2492	13.32754	13.1613	4.11219	4.7	3.8	18.27186	0.03529	18.2625
24.8	20.90466	21.1	20.5	13.24307	13.29984	13.1613	4.05248	4.3	3.4	18.35506	0.04241	18.34583
24.9	21.07972	21.5	20.8	13.29367	13.43838	13.21671	3.98173	4.3	3.4	18.43826	0.03537	18.42916
24.9	21.00622	21.4	20.5	13.33321	13.43838	13.21671	4.15315	4.6	3.7	18.52147	0.00974	18.5125
25.2	21.3592	21.7	21	13.33807	13.46608	13.21671	3.93519	4.3	3.59999	18.60467	0.09367	18.59611
25.3	21.58505	21.8	21.4	13.3533	13.49379	13.21671	3.77461	4	3.49999	18.68788	0.07077	18.67944
25.3	21.58505	21.8	21.4	13.3533	13.49379	13.21671	3.77461	4	3.49999	18.77108	0.08589	18.7625
25.3	21.42291	21.7	21.1	13.46132	13.60463	13.24442	4.02094	4	3.19999	18.85429	0	18.84611
25.4	21.96962	22.3	21.7	13.38435	13.57692	13.27213	3.62485	4	3.19999	18.93751	0.07597	18.92916
25.8	22.08448	22.3	21.8	13.49193	13.60463	13.38296	3.83568	4.19999	3.49999	19.02072	0.07087	19.01277
25.8	22.08448	22.3	21.8	13.49193	13.60463	13.38296	3.83568	4.19999	3.49999	19.10393	0.00498	19.09583
26	22.45379	22.7	22.1	13.45255	13.60463	13.32754	3.68348	4	3.3	19.18714	0.02021	19.17944
26.1	22.81868	23	22.4	13.44543	13.57692	13.35525	3.50152	3.9	3.3	19.27034	0	19.26277
26.1	22.81868	23	22.4	13.44543	13.57692	13.35525	3.50152	3.9	3.3	19.35356	0.02019	19.34583
26.4	23.17336	23.8	22.4	13.52331	13.71545	13.35525	3.4412	4	2.9	19.43678	0.00951	19.42944
26.4	23.17336	23.8	22.4	13.52331	13.71545	13.35525	3.4412	4	2.9	19.51999	0.03554	19.5125
26.6	22.43716	22.8	22.1	13.67545	13.77087	13.5215	4.25393	4.6	3.9	19.60319	0.00786	19.59611
26.6	22.43716	22.8	22.1	13.67545	13.77087	13.5215	4.25393	4.6	3.9	19.68639	0.01526	19.67916
26.4	22.07441	22.3	21.8	13.70222	13.79858	13.57692	4.42793	4.8	4.09999	19.7696	0.03547	19.76277
26.4	22.07441	22.3	21.8	13.70222	13.79858	13.57692	4.42793	4.8	4.09999	19.8528	0.0355	19.84583
26	22.0306	22.3	21.7	13.5799	13.74316	13.41067	4.23434	4.59999	3.69999	19.936	0.04835	19.92944

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
26	22.0306	22.3	21.7	13.5799	13.74316	13.41067	4.23434	4.59999	3.69999	20.01921	0.03542	20.0125
25.9	21.73068	22	21.5	13.56977	13.68775	13.43838	4.22794	4.5	3.9	20.10241	0.00512	20.09611
25.9	21.73068	22	21.5	13.56977	13.68775	13.43838	4.22794	4.5	3.9	20.18561	0.03541	20.17916
25.7	21.636	21.8	21.4	13.55926	13.66004	13.38296	4.25628	4.5	4	20.26882	0	20.26277
25.7	21.52249	21.7	21.4	13.58454	13.71545	13.49379	4.27651	4.5	4	20.35202	0	20.34583
25.4	21.5336	21.7	21.2	13.58398	13.71545	13.49379	4.1752	4.59999	4	20.43524	0.02539	20.42916
25.5	21.57438	22	21.4	13.58889	13.71545	13.49379	4.0873	4.3	3.7	20.51844	0	20.5125
25.4	21.59106	21.8	21.4	13.57723	13.68775	13.49379	3.88026	4.2	3.69999	20.60164	0.07595	20.59583
25.3	21.34545	21.5	21.1	13.5753	13.71545	13.49379	4.02415	4.3	3.8	20.68485	0.07073	20.67944
25.3	21.34545	21.5	21.1	13.5753	13.71545	13.49379	4.02415	4.3	3.8	20.76805	0.03541	20.76277
25.2	21.32903	21.6	21.1	13.57019	13.68775	13.49379	4.01818	4.3	3.8	20.85126	0.03533	20.84583
25.1	21.16734	21.4	21	13.60062	13.71545	13.46608	4.05836	4.3	3.8	20.93447	0	20.92944
25.1	21.16734	21.4	21	13.60062	13.71545	13.46608	4.05836	4.3	3.8	21.01767	0.0708	21.0125
24.9	21.24165	21.4	21	13.56904	13.66004	13.46608	3.9219	4.19999	3.4	21.10088	0	21.09611
24.9	21.3659	21.5	21.1	13.56318	13.63233	13.49379	3.75262	4.19999	3.4	21.18409	0.08566	21.17916
24.8	20.90449	21.1	20.5	13.60463	13.71545	13.5215	4.1337	4.4	3.9	21.26729	0.02033	21.26277
24.8	20.90449	21.1	20.5	13.60463	13.71545	13.5215	4.1337	4.59999	3.9	21.35049	0.04073	21.34583
24.8	20.73	21	20.3	13.5994	13.68775	13.49379	4.17	4.59999	3.9	21.43369	0.03531	21.42916
24.6	20.3551	20.5	20	13.59259	13.71545	13.49379	4.3246	4.6	4.2	21.5169	0.1113	21.51277
24.6	20.3551	20.5	20	13.59259	13.71545	13.49379	4.3246	4.6	4.2	21.6001	0.05561	21.59583
24.2	19.85295	19.9	19.8	13.5903	13.68775	13.5215	4.44156	4.7	4.3	21.6833	0.02041	21.67944
24.2	19.85295	19.9	19.8	13.5903	13.68775	13.5215	4.44156	4.7	4.3	21.76651	0	21.7625
24	19.92325	20.2	19.7	13.57407	13.68775	13.49379	4.20247	4.4	3.9	21.84971	0.03521	21.84583
23.6	19.68321	19.8	19.4	13.46651	13.60463	13.29984	4.04841	4.3	3.9	21.93292	0.03518	21.92944
23.6	19.68321	19.8	19.4	13.46651	13.60463	13.29984	4.04841	4.3	3.9	22.01612	0.06916	22.0125
23.1	19.53448	19.7	19.4	13.51609	13.60463	13.38296	3.83146	4	3.59999	22.09933	0	22.09611
23.1	19.53448	19.7	19.4	13.51609	13.60463	13.38296	3.83146	4	3.59999	22.18253	0.07023	22.17916
23	19.41999	19.7	19.2	13.5345	13.63233	13.41067	3.70669	3.9	3.4	22.26574	0.04097	22.2625
22.7	18.9459	19.3	18.6	13.57989	13.68775	13.49379	3.96978	4.19999	3.69999	22.34894	0	22.34583
22.3	18.6472	18.7	18.5	13.623	13.77087	13.49379	3.82594	4.2	3.59999	22.43214	0.02051	22.42916
21.7	18.36973	18.5	18.2	13.72437	13.854	13.60463	3.43247	3.7	3.3	22.51535	0.03501	22.51277
21.7	18.36973	18.5	18.2	13.72437	13.854	13.60463	3.43247	3.7	3.3	22.59855	0.03503	22.59583
21.3	18.20115	18.4	18	13.79356	13.93712	13.68775	3.40075	3.6	3.1	22.68175	0.02711	22.67916

Tfilter Min	Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim
21.1	17.9954	18.1	17.9	13.84881	13.93712	13.71545	3.27739	3.6	3.1	22.76496	0.06207	22.7625
20.6	17.78655	17.8	17.6	13.90427	14.02024	13.79858	2.95512	3.19999	2.8	22.84816	0.04111	22.84611
20.6	17.78655	17.8	17.6	13.90427	14.02024	13.79858	2.95512	3.19999	2.8	22.93136	0	22.92916
20.5	17.5911	17.8	17.5	13.92128	13.99253	13.854	3.01781	3.2	2.69999	23.01457	0.05383	23.0125
20.4	17.53711	17.8	17.4	13.93144	13.99253	13.82629	2.89884	3.1	2.59999	23.09777	0.05551	23.09583
20	17.43024	17.5	17.4	13.92279	14.02024	13.854	2.77854	2.9	2.6	23.18097	0	23.17944
20	17.43024	17.5	17.4	13.92279	14.02024	13.854	2.77854	2.9	2.6	23.26418	0.01272	23.2625
20	17.40336	17.5	17.3	13.92953	14.02024	13.854	2.63025	2.8	2.5	23.34738	0	23.34583
19.8	17.36302	17.4	17.3	13.94242	14.04795	13.854	2.58301	2.69999	2.4	23.43058	0.02057	23.42916
19.7	17.3091	17.4	17.2	13.96622	14.07566	13.88171	2.51006	2.69999	2.4	23.51378	0.0349	23.5125
19.4	17.29665	17.4	17.2	13.96005	14.10337	13.854	2.34918	2.5	2	23.59699	0.06985	23.59611
19.4	17.29665	17.4	17.2	13.96005	14.10337	13.854	2.34918	2.5	2	23.68019	0.02057	23.67916
19.4	17.3237	17.4	17.2	13.93576	14.07566	13.854	2.11227	2.4	2	23.7634	0.00787	23.7625
19.3	17.37409	17.5	17.3	13.93189	14.02024	13.854	1.94844	2.09999	1.8	23.8466	0.1048	23.84611
19.3	17.37409	17.5	17.3	13.93189	14.02024	13.854	1.94844	2.09999	1.8	23.9298	0.06984	23.92916
19.1	17.72785	17.8	17.5	11.58343	14.02024	0	1.52993	1.8	1.3	24.0011	0	23.99972
19.2	17.69882	17.8	17.5	0	0	0	1.53714	1.8	1.4	24.0011	0	23.99972
19.2	17.69882	17.8	17.5	0	0	0	1.53714	1.8	1.4	24.0011	0	23.99972
19.2	17.57632	17.8	17.5	0	0	0	1.64735	1.8	1.6	24.0011	0	23.99972
19.2	17.52018	17.6	17.5	0	0	0	1.70571	1.8	1.6	24.0011	0	23.99972
19.1	17.49664	17.5	17.4	0	0	0	1.69662	1.8	1.6	24.0011	0	23.99972
19.1	17.49664	17.5	17.4	0	0	0	1.69662	1.8	1.6	24.0011	0	23.99972
19.1	17.50671	17.6	17.5	0	0	0	1.67984	1.7	1.5	24.0011	0	23.99972
19.1	17.48655	17.6	17.4	0	0	0	1.62588	1.7	1.5	24.0011	0	23.99972

Filter ID	Site ID	Unit S/N
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Filter ID	Site ID	Unit S/N
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2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81

Filter ID	Site ID	Unit S/N
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81

Filter ID	Site ID	Unit S/N
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81

Filter ID	Site ID	Unit S/N
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81
2.2E+08	20302025	81

Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Data Log Data	
SARTI1-PM2.5		
Channel No.	1	
Source	D 12000	
Sampling Method	Event Bit	
Device	M 972	

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 13:48:44	0	0	0	749.5	749.5	749.5	23.99327	24.2	23.9
10/11/2016 13:53:44	0	0	0	760.7385	761.4	758.7	25.23945	30.4	23.8
10/11/2016 13:58:44	0	0	0	762.2416	762.3	762.2	27.19462	27.8	26.5
10/11/2016 14:03:44	0	0	0	762.4849	762.5	762.3	27.33759	27.7	27.1
10/11/2016 14:08:44	0	0	0	762.4849	762.5	762.3	27.33759	27.7	27.1
10/11/2016 14:13:44	0	0	0	762.4335	762.6	762.4	26.8	26.8	26.8
10/11/2016 14:18:44	0	0	0	762.561	762.7	762.5	26.79327	26.8	26.7
10/11/2016 14:23:44	0	0	0	762.6423	762.8	762.5	26.74967	26.8	26.7
10/11/2016 14:28:44	0	0	0	762.6423	762.8	762.5	26.74967	26.8	26.7
10/11/2016 14:33:44	0	0	0	762.6	762.6	762.6	26.72301	27	26.7
10/11/2016 14:38:44	16.67579	16.70516	16.65648	762.8163	762.9	762.6	27.11007	27.2	27.1
10/11/2016 14:43:44	16.67579	16.70516	16.65648	762.8163	762.9	762.6	27.11007	27.2	27.1
10/11/2016 14:48:44	16.67593	16.70947	16.64876	762.7815	763	762.7	27.06379	27.1	26.8
10/11/2016 14:53:44	16.67287	16.69312	16.65993	762.7416	762.8	762.7	27.05704	27.1	26.8
10/11/2016 14:58:44	16.67594	16.69738	16.64871	762.9091	763.1	762.8	27.09328	27.2	27
10/11/2016 15:03:44	16.67594	16.69738	16.64871	762.9091	763.1	762.8	27.09328	27.2	27
10/11/2016 15:08:44	16.67766	16.69677	16.6602	763.2	763.2	763.2	27.17988	27.3	27.1
10/11/2016 15:13:44	16.67766	16.69677	16.6602	763.2	763.2	763.2	27.17988	27.3	27.1
10/11/2016 15:18:44	16.67415	16.69051	16.66093	763.297	763.3	763.2	26.80873	27	26.7
10/11/2016 15:23:44	16.67415	16.69051	16.66093	763.297	763.3	763.2	26.80873	27	26.7
10/11/2016 15:28:43	16.67513	16.70884	16.65459	763.1389	763.3	763	26.6423	26.8	26.5
10/11/2016 15:33:43	16.67318	16.69051	16.65324	763.2446	763.3	763.1	26.53556	26.7	26.4
10/11/2016 15:38:44	16.67504	16.69487	16.65268	763.0969	763.3	763	25.93825	26.2	25.8
10/11/2016 15:43:44	16.67504	16.69487	16.65268	763.0969	763.3	763	25.93825	26.2	25.8
10/11/2016 15:48:43	16.67609	16.69281	16.65062	763.0181	763.1	763	25.49801	25.8	25.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 15:53:44	16.67413	16.6963	16.6583	763.0654	763.1	763	25.38659	25.4	25.3
10/11/2016 15:58:44	16.67413	16.6963	16.6583	763.0654	763.1	763	25.38659	25.4	25.3
10/11/2016 16:03:44	16.67514	16.69427	16.6583	763.0363	763.1	763	25.36978	25.4	25.3
10/11/2016 16:08:44	16.6744	16.69563	16.64562	763.0564	763.1	763	25.18929	25.4	24.9
10/11/2016 16:13:44	16.67435	16.69285	16.66191	763	763	763	24.91006	25	24.9
10/11/2016 16:18:44	16.67435	16.69285	16.66191	763	763	763	24.91006	25	24.9
10/11/2016 16:23:43	16.67454	16.69427	16.65629	763	763	763	24.85973	24.9	24.8
10/11/2016 16:28:44	16.67441	16.69417	16.65761	763	763	763	24.78324	24.9	24.7
10/11/2016 16:33:44	16.67441	16.69417	16.65761	763	763	763	24.78324	24.9	24.7
10/11/2016 16:38:43	16.67323	16.68999	16.65761	762.9969	763	762.9	24.7168	24.8	24.6
10/11/2016 16:43:44	16.67516	16.69071	16.64779	763.0027	763.1	762.9	24.47857	24.7	24.3
10/11/2016 16:48:44	16.67132	16.68838	16.65082	762.9211	763	762.9	23.96523	24.2	23.6
10/11/2016 16:53:43	16.67132	16.68838	16.65082	762.9211	763	762.9	23.96523	24.2	23.6
10/11/2016 16:58:43	16.67572	16.69368	16.65775	762.7755	762.9	762.7	23.30548	23.6	23.1
10/11/2016 17:03:44	16.67639	16.69683	16.65208	762.7	762.8	762.6	23.04903	23.2	22.9
10/11/2016 17:08:43	16.67614	16.69274	16.6593	762.6181	762.7	762.6	22.86311	23	22.8
10/11/2016 17:13:43	16.67665	16.69392	16.65474	762.6	762.6	762.6	22.62534	22.8	22.5
10/11/2016 17:18:44	16.67233	16.70023	16.65953	762.4947	762.5	762.4	22.21677	22.3	22
10/11/2016 17:23:43	16.67233	16.70023	16.65953	762.4947	762.5	762.4	22.21677	22.3	22
10/11/2016 17:28:43	16.67308	16.68849	16.66171	762.4	762.4	762.4	21.95629	22.2	21.8
10/11/2016 17:33:44	16.67463	16.68283	16.65193	762.4	762.4	762.4	21.64968	21.8	21.4
10/11/2016 17:38:43	16.67463	16.68283	16.65193	762.4	762.4	762.4	21.64968	21.8	21.4
10/11/2016 17:43:44	16.67452	16.69325	16.65823	762.3111	762.4	762.3	21.31346	21.4	21.2
10/11/2016 17:48:43	16.67452	16.69325	16.65823	762.3111	762.4	762.3	21.31346	21.4	21.2
10/11/2016 17:53:44	16.67525	16.69736	16.6541	762.2755	762.3	762.2	21.13963	21.2	21.1
10/11/2016 17:58:43	16.67525	16.69736	16.6541	762.2755	762.3	762.2	21.13963	21.2	21.1
10/11/2016 18:03:43	16.67283	16.69544	16.65823	762.2029	762.3	762.2	21.07316	21.2	20.8
10/11/2016 18:08:43	16.67397	16.70208	16.64946	762.2516	762.3	762.2	20.92083	21.1	20.8
10/11/2016 18:13:43	16.67393	16.69669	16.65765	762.3	762.3	762.3	20.77183	21	20.7
10/11/2016 18:18:44	16.67408	16.691	16.65605	762.3776	762.4	762.3	20.56649	20.7	20.5
10/11/2016 18:23:44	16.67431	16.68531	16.65444	762.3	762.3	762.3	20.43285	20.6	20.2
10/11/2016 18:28:43	16.67431	16.68531	16.65444	762.3	762.3	762.3	20.43285	20.6	20.2
10/11/2016 18:33:44	16.67293	16.69178	16.65687	762.3	762.3	762.3	20.08993	20.2	19.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 18:38:43	16.67293	16.69178	16.65687	762.3	762.3	762.3	20.08993	20.2	19.9
10/11/2016 18:43:43	16.67471	16.69582	16.65926	762.3	762.3	762.3	19.94904	20.1	19.8
10/11/2016 18:48:43	16.67463	16.69582	16.64953	762.3	762.3	762.3	19.82954	19.9	19.8
10/11/2016 18:53:43	16.67383	16.69582	16.64953	762.3	762.3	762.3	19.67919	19.8	19.5
10/11/2016 18:58:43	16.67617	16.70556	16.64953	762.3	762.3	762.3	19.47928	19.6	19.3
10/11/2016 19:03:44	16.67123	16.68894	16.65171	762.2	762.2	762.2	19.24705	19.3	19.2
10/11/2016 19:08:43	16.67123	16.68894	16.65171	762.2	762.2	762.2	19.24705	19.3	19.2
10/11/2016 19:13:43	16.67359	16.69063	16.65574	762.2	762.2	762.2	19.13287	19.2	18.9
10/11/2016 19:18:43	16.67643	16.68894	16.66161	762.2775	762.3	762.2	18.84633	18.9	18.8
10/11/2016 19:23:43	16.67643	16.68894	16.66161	762.2775	762.3	762.2	18.84633	18.9	18.8
10/11/2016 19:28:43	16.67864	16.69866	16.66379	762.2	762.2	762.2	18.77646	18.8	18.7
10/11/2016 19:33:43	16.67507	16.68323	16.66379	762.2	762.2	762.2	18.69333	18.8	18.6
10/11/2016 19:38:43	16.67721	16.68894	16.66379	762.2	762.2	762.2	18.59333	18.7	18.4
10/11/2016 19:43:43	16.67793	16.69465	16.65574	762.2	762.2	762.2	18.39664	18.4	18.3
10/11/2016 19:48:43	16.67793	16.69465	16.65574	762.2	762.2	762.2	18.39664	18.4	18.3
10/11/2016 19:53:43	16.676	16.69246	16.65759	762.295	762.3	762.2	18.25297	18.4	18.2
10/11/2016 19:58:43	16.6766	16.68675	16.66731	762.3	762.3	762.3	18.20336	18.3	18.1
10/11/2016 20:03:43	16.6766	16.68675	16.66731	762.3	762.3	762.3	18.20336	18.3	18.1
10/11/2016 20:08:43	16.67581	16.69246	16.66329	762.301	762.4	762.3	18.15975	18.2	18.1
10/11/2016 20:13:43	16.67595	16.68675	16.66731	762.3	762.3	762.3	18.08654	18.1	18
10/11/2016 20:18:43	16.67595	16.68675	16.66731	762.3	762.3	762.3	18.08654	18.1	18
10/11/2016 20:23:43	16.67409	16.68894	16.66379	762.2	762.2	762.2	18.03152	18.1	17.8
10/11/2016 20:28:43	16.67409	16.68894	16.66379	762.2	762.2	762.2	18.03152	18.1	17.8
10/11/2016 20:33:43	16.67484	16.69295	16.65639	762.202	762.3	762.2	17.88194	18.1	17.8
10/11/2016 20:38:43	16.67484	16.69295	16.65639	762.202	762.3	762.2	17.88194	18.1	17.8
10/11/2016 20:43:43	16.67417	16.69476	16.64451	762.2839	762.3	762.2	17.85035	18.1	17.8
10/11/2016 20:48:43	16.67385	16.69476	16.65591	762.3	762.3	762.3	17.80668	18	17.7
10/11/2016 20:53:43	16.67397	16.68505	16.66392	762.3	762.3	762.3	17.79662	17.8	17.7
10/11/2016 20:58:43	16.6756	16.68951	16.66039	762.2	762.2	762.2	17.71006	17.8	17.6
10/11/2016 21:03:43	16.6743	16.68951	16.65116	762.1745	762.2	762.1	17.68324	17.8	17.6
10/11/2016 21:08:43	16.6743	16.68951	16.65116	762.1745	762.2	762.1	17.68324	17.8	17.6
10/11/2016 21:13:43	16.67256	16.68597	16.65287	762.1	762.1	762.1	17.63288	17.7	17.6
10/11/2016 21:18:43	16.67603	16.68951	16.65822	762.2285	762.3	762.2	17.59663	17.7	17.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/11/2016 21:23:43	16.67765	16.69921	16.65649	762.2786	762.3	762.2	17.56381	17.6	17.5
10/11/2016 21:28:43	16.67765	16.69921	16.65649	762.2786	762.3	762.2	17.56381	17.6	17.5
10/11/2016 21:33:43	16.67551	16.69703	16.65822	762.2577	762.3	762.2	17.52683	17.6	17.5
10/11/2016 21:38:43	16.67673	16.69485	16.66003	762.3325	762.4	762.3	17.49664	17.5	17.4
10/11/2016 21:43:43	16.67673	16.69485	16.66003	762.3325	762.4	762.3	17.49664	17.5	17.4
10/11/2016 21:48:43	16.67599	16.69131	16.66574	762.3899	762.4	762.3	17.48658	17.6	17.2
10/11/2016 21:53:43	16.67594	16.69485	16.66003	762.3788	762.4	762.3	17.46641	17.5	17.2
10/11/2016 21:58:43	16.67625	16.69882	16.66003	762.4012	762.5	762.4	17.42345	17.5	17.2
10/11/2016 22:03:43	16.67529	16.69485	16.66183	762.496	762.5	762.4	17.34296	17.5	17.2
10/11/2016 22:08:43	16.67444	16.69266	16.66183	762.5	762.5	762.5	17.29273	17.5	17.2
10/11/2016 22:13:43	16.67368	16.69266	16.66183	762.4969	762.5	762.4	17.24365	17.5	17.2
10/11/2016 22:18:43	16.67429	16.68694	16.66183	762.5	762.5	762.5	17.22551	17.4	17.2
10/11/2016 22:23:43	16.67426	16.69266	16.66183	762.5	762.5	762.5	17.22021	17.4	17.2
10/11/2016 22:28:43	16.6753	16.68912	16.66401	762.4	762.4	762.4	17.19065	17.2	17.1
10/11/2016 22:33:43	16.67384	16.68514	16.66183	762.4849	762.5	762.4	17.18321	17.2	17.1
10/11/2016 22:38:43	16.67384	16.68514	16.66183	762.4849	762.5	762.4	17.18321	17.2	17.1
10/11/2016 22:43:43	16.67168	16.68122	16.66183	762.5	762.5	762.5	17.11611	17.2	17.1
10/11/2016 22:48:43	16.67168	16.68122	16.66183	762.5	762.5	762.5	17.11611	17.2	17.1
10/11/2016 22:53:43	16.67259	16.68122	16.66183	762.5	762.5	762.5	17.11007	17.2	17.1
10/11/2016 22:58:43	16.67277	16.68122	16.65965	762.5123	762.6	762.5	17.1	17.1	17.1
10/11/2016 23:03:43	16.67277	16.68122	16.65965	762.5123	762.6	762.5	17.1	17.1	17.1
10/11/2016 23:08:43	16.67802	16.69446	16.66363	762.6	762.6	762.6	17.09663	17.1	17
10/11/2016 23:13:43	16.67581	16.68874	16.66145	762.6503	762.7	762.6	17.0671	17.1	16.9
10/11/2016 23:18:43	16.6767	16.6927	16.66367	762.7	762.7	762.7	17.05368	17.1	16.9
10/11/2016 23:23:43	16.6767	16.6927	16.66367	762.7	762.7	762.7	17.05368	17.1	16.9
10/11/2016 23:28:43	16.67604	16.70021	16.6597	762.7567	762.8	762.7	17.01687	17.1	16.9
10/11/2016 23:33:43	16.67287	16.68697	16.66149	762.7403	762.8	762.7	17.00401	17.1	16.9
10/11/2016 23:38:43	16.6741	16.6927	16.6619	762.701	762.8	762.7	16.94023	17	16.9
10/11/2016 23:43:43	16.6764	16.6984	16.66149	762.796	762.8	762.7	16.91598	17.1	16.9
10/11/2016 23:48:43	16.67846	16.6984	16.66544	762.8	762.8	762.8	16.89999	17	16.8
10/11/2016 23:53:43	16.67475	16.7002	16.65577	762.8	762.8	762.8	16.88663	17	16.8
10/11/2016 23:58:43	16.67192	16.68657	16.66149	762.8	762.8	762.8	16.85035	16.9	16.8
10/12/2016 00:03:43	16.67599	16.68875	16.66149	762.706	762.8	762.7	16.84633	16.9	16.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 00:08:43	16.6773	16.69052	16.65002	762.7	762.7	762.7	16.82618	16.9	16.8
10/12/2016 00:13:43	16.67532	16.69052	16.65002	762.7	762.7	762.7	16.8	16.8	16.8
10/12/2016 00:18:43	16.67489	16.68875	16.66367	762.6826	762.7	762.6	16.7866	16.8	16.6
10/12/2016 00:23:43	16.67489	16.68875	16.66367	762.6826	762.7	762.6	16.7866	16.8	16.6
10/12/2016 00:28:43	16.67633	16.68916	16.65617	762.6	762.6	762.6	16.77314	16.8	16.6
10/12/2016 00:33:43	16.67326	16.6852	16.65223	762.6949	762.7	762.6	16.72741	16.8	16.6
10/12/2016 00:38:43	16.67326	16.6852	16.65223	762.6949	762.7	762.6	16.72741	16.8	16.6
10/12/2016 00:43:43	16.67412	16.68875	16.66149	762.7112	762.8	762.7	16.69272	16.8	16.6
10/12/2016 00:48:43	16.67658	16.69581	16.65131	762.8	762.8	762.8	16.69381	16.8	16.5
10/12/2016 00:53:43	16.67439	16.68612	16.6553	762.7897	762.8	762.7	16.68259	16.8	16.5
10/12/2016 00:58:43	16.67571	16.68655	16.66145	762.7	762.7	762.7	16.74624	16.8	16.6
10/12/2016 01:03:43	16.67571	16.68655	16.66145	762.7	762.7	762.7	16.74624	16.8	16.6
10/12/2016 01:08:43	16.67377	16.68655	16.65177	762.7	762.7	762.7	16.80001	16.9	16.6
10/12/2016 01:13:43	16.67338	16.68083	16.66145	762.7	762.7	762.7	16.78657	16.8	16.6
10/12/2016 01:18:43	16.67397	16.68655	16.66145	762.7	762.7	762.7	16.81671	16.9	16.8
10/12/2016 01:23:43	16.67297	16.68655	16.66145	762.7	762.7	762.7	16.82016	16.9	16.8
10/12/2016 01:28:43	16.67426	16.68655	16.66145	762.7	762.7	762.7	16.83698	16.9	16.8
10/12/2016 01:33:43	16.67426	16.68655	16.66145	762.7	762.7	762.7	16.83698	16.9	16.8
10/12/2016 01:38:43	16.67447	16.68655	16.66145	762.7	762.7	762.7	16.83953	16.9	16.8
10/12/2016 01:43:43	16.67469	16.68655	16.66145	762.7	762.7	762.7	16.85305	16.9	16.8
10/12/2016 01:48:43	16.67326	16.68655	16.66145	762.7	762.7	762.7	16.857	16.9	16.8
10/12/2016 01:53:43	16.67326	16.68655	16.66145	762.7	762.7	762.7	16.857	16.9	16.8
10/12/2016 01:58:43	16.67381	16.68655	16.66145	762.6919	762.7	762.6	16.8598	16.9	16.8
10/12/2016 02:03:43	16.67526	16.69093	16.6597	762.6362	762.7	762.6	16.82953	16.9	16.8
10/12/2016 02:08:43	16.67526	16.69093	16.6597	762.6362	762.7	762.6	16.82953	16.9	16.8
10/12/2016 02:13:43	16.67251	16.6927	16.65795	762.7	762.7	762.7	16.82013	16.9	16.8
10/12/2016 02:18:43	16.67251	16.6927	16.65795	762.7	762.7	762.7	16.82013	16.9	16.8
10/12/2016 02:23:43	16.67215	16.68697	16.6619	762.7	762.7	762.7	16.79328	16.9	16.6
10/12/2016 02:28:43	16.67263	16.68697	16.65617	762.703	762.8	762.7	16.81007	16.9	16.8
10/12/2016 02:33:43	16.676	16.68299	16.6619	762.7899	762.8	762.7	16.8067	16.9	16.8
10/12/2016 02:38:43	16.67615	16.68299	16.66366	762.8	762.8	762.8	16.80336	16.9	16.8
10/12/2016 02:43:43	16.67613	16.68873	16.66366	762.8	762.8	762.8	16.81677	16.9	16.8
10/12/2016 02:48:43	16.67784	16.68873	16.66366	762.8	762.8	762.8	16.82274	16.9	16.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 02:53:43	16.67384	16.6927	16.65577	762.7476	762.8	762.7	16.90268	17	16.8
10/12/2016 02:58:43	16.67384	16.6927	16.65577	762.7476	762.8	762.7	16.90268	17	16.8
10/12/2016 03:03:43	16.67202	16.69052	16.66149	762.8	762.8	762.8	17.02006	17.1	16.9
10/12/2016 03:08:43	16.67202	16.69052	16.66149	762.8	762.8	762.8	17.02006	17.1	16.9
10/12/2016 03:13:43	16.67448	16.68875	16.66012	762.6544	762.7	762.6	17.12673	17.2	17.1
10/12/2016 03:18:43	16.67448	16.68875	16.66012	762.6544	762.7	762.6	17.12673	17.2	17.1
10/12/2016 03:23:43	16.67722	16.68736	16.66802	762.6	762.6	762.6	17.15364	17.2	17
10/12/2016 03:28:43	16.67722	16.68736	16.66802	762.6	762.6	762.6	17.15364	17.2	17
10/12/2016 03:33:43	16.67622	16.68954	16.66802	762.5544	762.6	762.5	17.18656	17.2	17.1
10/12/2016 03:38:43	16.67792	16.68954	16.66625	762.5	762.5	762.5	17.17984	17.2	17.1
10/12/2016 03:43:43	16.67638	16.6856	16.66053	762.5	762.5	762.5	17.19664	17.2	17.1
10/12/2016 03:48:43	16.67638	16.6856	16.66053	762.5	762.5	762.5	17.19664	17.2	17.1
10/12/2016 03:53:43	16.67659	16.68779	16.66271	762.4313	762.5	762.4	17.2336	17.4	17.2
10/12/2016 03:58:43	16.67659	16.68779	16.66271	762.4313	762.5	762.4	17.2336	17.4	17.2
10/12/2016 04:03:43	16.67422	16.68739	16.65876	762.4869	762.5	762.4	17.27719	17.5	17.2
10/12/2016 04:08:43	16.67692	16.68957	16.66802	762.4859	762.5	762.4	17.48317	17.5	17.4
10/12/2016 04:13:43	16.67692	16.68957	16.66802	762.4859	762.5	762.4	17.48317	17.5	17.4
10/12/2016 04:18:43	16.67492	16.68957	16.65876	762.4244	762.5	762.4	17.51678	17.6	17.5
10/12/2016 04:23:43	16.67325	16.68874	16.66145	762.6183	762.7	762.6	17.60657	17.7	17.6
10/12/2016 04:28:43	16.67325	16.68874	16.66145	762.6183	762.7	762.6	17.60657	17.7	17.6
10/12/2016 04:33:43	16.67735	16.68874	16.66363	762.6	762.6	762.6	17.74703	17.8	17.7
10/12/2016 04:38:43	16.67735	16.68874	16.66363	762.6	762.6	762.6	17.74703	17.8	17.7
10/12/2016 04:43:43	16.67552	16.69446	16.65748	762.699	762.7	762.6	17.92061	18.1	17.8
10/12/2016 04:48:43	16.67552	16.69446	16.65748	762.699	762.7	762.6	17.92061	18.1	17.8
10/12/2016 04:53:43	16.67696	16.69227	16.66319	762.7	762.7	762.7	18.09395	18.1	18
10/12/2016 04:58:43	16.67696	16.69227	16.66319	762.7	762.7	762.7	18.09395	18.1	18
10/12/2016 05:03:43	16.67487	16.6883	16.6553	762.7697	762.8	762.7	18.13347	18.2	18.1
10/12/2016 05:08:43	16.67433	16.68612	16.66101	762.8	762.8	762.8	18.19665	18.3	18.1
10/12/2016 05:13:43	16.67493	16.68612	16.66101	762.8	762.8	762.8	18.26361	18.4	18.2
10/12/2016 05:18:43	16.67353	16.68437	16.66499	762.8	762.8	762.8	18.3738	18.4	18.3
10/12/2016 05:23:43	16.67353	16.68437	16.66499	762.8	762.8	762.8	18.3738	18.4	18.3
10/12/2016 05:28:43	16.67591	16.69581	16.66101	762.8	762.8	762.8	18.44699	18.6	18.4
10/12/2016 05:33:43	16.67591	16.69581	16.66101	762.8	762.8	762.8	18.44699	18.6	18.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 05:38:43	16.67413	16.68612	16.66101	762.8	762.8	762.8	18.57312	18.6	18.4
10/12/2016 05:43:43	16.67413	16.68612	16.66101	762.8	762.8	762.8	18.57312	18.6	18.4
10/12/2016 05:48:43	16.67561	16.68612	16.65702	762.8	762.8	762.8	18.62339	18.7	18.6
10/12/2016 05:53:43	16.67561	16.68612	16.65702	762.8	762.8	762.8	18.62339	18.7	18.6
10/12/2016 05:58:43	16.67503	16.68612	16.6553	762.8	762.8	762.8	18.65376	18.7	18.6
10/12/2016 06:03:43	16.67503	16.68612	16.6553	762.8	762.8	762.8	18.65376	18.7	18.6
10/12/2016 06:08:43	16.67713	16.68965	16.66055	762.8959	762.9	762.8	18.70661	18.8	18.6
10/12/2016 06:13:43	16.67713	16.68965	16.66055	762.8959	762.9	762.8	18.70661	18.8	18.6
10/12/2016 06:18:43	16.67484	16.68393	16.65484	762.9	762.9	762.9	18.73683	18.8	18.7
10/12/2016 06:23:43	16.67634	16.67995	16.66454	762.9	762.9	762.9	18.763	18.8	18.7
10/12/2016 06:28:43	16.67412	16.69709	16.65085	762.9	762.9	762.9	18.7637	18.9	18.7
10/12/2016 06:33:43	16.67458	16.68965	16.66454	762.9	762.9	762.9	18.80671	18.9	18.7
10/12/2016 06:38:43	16.67458	16.68965	16.66454	762.9	762.9	762.9	18.80671	18.9	18.7
10/12/2016 06:43:43	16.67607	16.68965	16.66454	762.9	762.9	762.9	18.81342	18.9	18.8
10/12/2016 06:48:43	16.67309	16.68747	16.66236	762.9738	763	762.9	18.85027	18.9	18.8
10/12/2016 06:53:43	16.67309	16.68747	16.66236	762.9738	763	762.9	18.85027	18.9	18.8
10/12/2016 06:58:43	16.67506	16.68747	16.66236	763	763	763	18.84635	18.9	18.8
10/12/2016 07:03:43	16.67552	16.68747	16.66063	763	763	763	18.8571	18.9	18.8
10/12/2016 07:08:43	16.6733	16.68965	16.66055	762.912	763	762.9	18.86372	18.9	18.8
10/12/2016 07:13:43	16.6733	16.68965	16.66055	762.912	763	762.9	18.86372	18.9	18.8
10/12/2016 07:18:43	16.673	16.68965	16.66454	762.9	762.9	762.9	18.87041	18.9	18.8
10/12/2016 07:23:43	16.67728	16.68965	16.66454	762.9009	763	762.9	18.87043	18.9	18.8
10/12/2016 07:28:43	16.67834	16.68965	16.65484	762.9	762.9	762.9	18.85039	18.9	18.8
10/12/2016 07:33:43	16.67448	16.68965	16.65484	762.9	762.9	762.9	18.84301	18.9	18.8
10/12/2016 07:38:43	16.67448	16.68965	16.65484	762.9	762.9	762.9	18.84301	18.9	18.8
10/12/2016 07:43:43	16.67776	16.6989	16.66236	763	763	763	18.83023	18.9	18.8
10/12/2016 07:48:43	16.67776	16.6989	16.66236	763	763	763	18.83023	18.9	18.8
10/12/2016 07:53:43	16.67706	16.69145	16.65837	763.0222	763.1	763	18.82285	18.9	18.8
10/12/2016 07:58:43	16.67534	16.68747	16.66236	763	763	763	18.81344	18.9	18.8
10/12/2016 08:03:43	16.67622	16.68927	16.66589	763.1	763.1	763.1	18.79326	18.8	18.7
10/12/2016 08:08:43	16.67622	16.68927	16.66589	763.1	763.1	763.1	18.79326	18.8	18.7
10/12/2016 08:13:43	16.67408	16.70025	16.65402	763.2	763.2	763.2	18.78923	18.9	18.7
10/12/2016 08:18:43	16.67408	16.70025	16.65402	763.2	763.2	763.2	18.78923	18.9	18.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 08:23:43	16.67313	16.69055	16.66372	763.2009	763.3	763.2	18.77312	18.8	18.7
10/12/2016 08:28:43	16.6728	16.69055	16.65402	763.2181	763.3	763.2	18.80013	18.9	18.7
10/12/2016 08:33:43	16.67722	16.69055	16.65925	763.2969	763.3	763.2	18.82353	18.9	18.7
10/12/2016 08:38:43	16.67722	16.69055	16.65925	763.2969	763.3	763.2	18.82353	18.9	18.7
10/12/2016 08:43:43	16.67723	16.68836	16.66495	763.3	763.3	763.3	18.85632	18.9	18.8
10/12/2016 08:48:43	16.67264	16.69007	16.66094	763.3	763.3	763.3	18.88656	18.9	18.8
10/12/2016 08:53:43	16.67264	16.69007	16.66094	763.3	763.3	763.3	18.88656	18.9	18.8
10/12/2016 08:58:43	16.67555	16.69747	16.66094	763.3456	763.4	763.3	18.9504	19.2	18.9
10/12/2016 09:03:43	16.67555	16.69747	16.66094	763.3456	763.4	763.3	18.9504	19.2	18.9
10/12/2016 09:08:43	16.67429	16.68557	16.65475	763.4092	763.5	763.4	19.12602	19.2	18.9
10/12/2016 09:13:43	16.67673	16.68909	16.65775	763.5576	763.6	763.5	19.24015	19.3	19.2
10/12/2016 09:18:43	16.67597	16.68691	16.65775	763.61	763.7	763.6	19.3	19.4	19.2
10/12/2016 09:23:43	16.67643	16.69663	16.65961	763.6526	763.7	763.6	19.39649	19.5	19.3
10/12/2016 09:28:43	16.67527	16.69847	16.66312	763.7697	763.8	763.7	19.48319	19.5	19.4
10/12/2016 09:33:43	16.67527	16.69847	16.66312	763.7697	763.8	763.7	19.48319	19.5	19.4
10/12/2016 09:38:43	16.6753	16.69093	16.66011	763.6677	763.7	763.6	19.67694	19.8	19.5
10/12/2016 09:43:43	16.6753	16.69093	16.66011	763.6677	763.7	763.6	19.67694	19.8	19.5
10/12/2016 09:48:43	16.67321	16.68474	16.65558	763.7	763.7	763.7	19.78656	19.8	19.6
10/12/2016 09:53:43	16.67575	16.69395	16.66073	763.8143	763.9	763.7	19.81664	19.9	19.6
10/12/2016 09:58:43	16.67352	16.68774	16.65474	763.8669	764.1	763.8	19.86367	19.9	19.8
10/12/2016 10:03:43	16.67646	16.69847	16.65794	764.2828	764.3	764.2	20.00317	20.1	19.9
10/12/2016 10:08:43	16.67646	16.69847	16.65794	764.2828	764.3	764.2	20.00317	20.1	19.9
10/12/2016 10:13:43	16.6764	16.69847	16.65794	764.3	764.3	764.3	20.0805	20.1	20
10/12/2016 10:18:43	16.67835	16.69093	16.66176	764.2	764.2	764.2	20.1067	20.2	20.1
10/12/2016 10:23:43	16.67835	16.69093	16.66176	764.2	764.2	764.2	20.1067	20.2	20.1
10/12/2016 10:28:43	16.67611	16.68926	16.66011	764.2	764.2	764.2	20.11009	20.2	20
10/12/2016 10:33:43	16.67326	16.70065	16.66011	764.2	764.2	764.2	20.11345	20.2	20.1
10/12/2016 10:38:43	16.67549	16.69259	16.66176	764.2617	764.3	764.2	20.17379	20.2	20.1
10/12/2016 10:43:43	16.67561	16.69278	16.65794	764.2797	764.3	764.2	20.18654	20.2	20.1
10/12/2016 10:48:43	16.67561	16.69278	16.65794	764.2797	764.3	764.2	20.18654	20.2	20.1
10/12/2016 10:53:43	16.67539	16.69018	16.66152	764.1272	764.2	764.1	20.3373	20.5	20.2
10/12/2016 10:58:43	16.67539	16.69018	16.66152	764.1272	764.2	764.1	20.3373	20.5	20.2
10/12/2016 11:03:43	16.67536	16.69695	16.66152	764.0637	764.1	764	20.48992	20.5	20.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 11:08:43	16.67395	16.68855	16.65204	764.1434	764.2	764.1	20.61345	20.7	20.5
10/12/2016 11:13:43	16.67395	16.68855	16.65204	764.1434	764.2	764.1	20.61345	20.7	20.5
10/12/2016 11:18:43	16.67395	16.69072	16.65584	764.099	764.1	764	20.68369	20.8	20.6
10/12/2016 11:23:43	16.67655	16.6929	16.66369	763.997	764.1	763.9	20.88697	21.1	20.7
10/12/2016 11:28:43	16.67655	16.6929	16.66369	763.997	764.1	763.9	20.88697	21.1	20.7
10/12/2016 11:33:43	16.67585	16.69454	16.65557	763.9908	764	763.9	21.11343	21.2	21.1
10/12/2016 11:38:43	16.67585	16.69454	16.65557	763.9908	764	763.9	21.11343	21.2	21.1
10/12/2016 11:43:43	16.6737	16.69133	16.65642	763.6998	763.8	763.6	21.19664	21.2	21.1
10/12/2016 11:48:43	16.6737	16.69133	16.65642	763.6998	763.8	763.6	21.19664	21.2	21.1
10/12/2016 11:53:43	16.67442	16.69351	16.65452	763.6141	763.7	763.6	21.27645	21.3	21.2
10/12/2016 11:58:43	16.67469	16.70081	16.64478	763.5546	763.6	763.5	21.3933	21.6	21.3
10/12/2016 12:03:43	16.67469	16.70081	16.64478	763.5546	763.6	763.5	21.3933	21.6	21.3
10/12/2016 12:08:43	16.675	16.68887	16.66048	763.6857	763.7	763.6	21.54624	21.6	21.4
10/12/2016 12:13:43	16.67579	16.68697	16.66178	763.6201	763.7	763.6	21.63695	21.7	21.6
10/12/2016 12:18:43	16.67515	16.69579	16.66234	763.6	763.6	763.6	21.81681	21.9	21.7
10/12/2016 12:23:43	16.67455	16.68855	16.65202	763.6	763.6	763.6	21.90986	22	21.8
10/12/2016 12:28:43	16.67455	16.68855	16.65202	763.6	763.6	763.6	21.90986	22	21.8
10/12/2016 12:33:43	16.67695	16.68915	16.66335	763.5292	763.6	763.5	22.14153	22.2	21.9
10/12/2016 12:38:43	16.6767	16.68909	16.66142	763.506	763.6	763.5	22.23007	22.4	22
10/12/2016 12:43:43	16.67494	16.68819	16.66386	763.5081	763.6	763.5	22.38387	22.5	22.3
10/12/2016 12:48:43	16.6748	16.70092	16.65524	763.4132	763.5	763.4	22.81461	22.9	22.6
10/12/2016 12:53:43	16.6748	16.70092	16.65524	763.4132	763.5	763.4	22.81461	22.9	22.6
10/12/2016 12:58:43	16.67348	16.6943	16.6521	763.4808	763.5	763.4	23.12066	23.4	22.9
10/12/2016 13:03:43	16.67495	16.69844	16.6521	763.5	763.5	763.5	23.44798	23.6	23.2
10/12/2016 13:08:43	16.6748	16.7041	16.6536	763.5	763.5	763.5	23.78414	24.1	23.6
10/12/2016 13:13:43	16.67566	16.68961	16.65437	763.6	763.6	763.6	24.327	24.6	24.2
10/12/2016 13:18:43	16.67566	16.68961	16.65437	763.6	763.6	763.6	24.327	24.6	24.2
10/12/2016 13:23:43	16.67562	16.69727	16.64673	763.5363	763.6	763.5	24.44032	24.6	24.4
10/12/2016 13:28:43	16.67562	16.69727	16.64673	763.5363	763.6	763.5	24.44032	24.6	24.4
10/12/2016 13:33:43	16.67596	16.69626	16.65524	763.5201	763.6	763.5	24.5462	24.7	24.4
10/12/2016 13:38:43	16.67596	16.69626	16.65524	763.5201	763.6	763.5	24.5462	24.7	24.4
10/12/2016 13:43:43	16.67496	16.70381	16.65524	763.4263	763.5	763.4	24.68634	24.8	24.6
10/12/2016 13:48:43	16.67496	16.70381	16.65524	763.4263	763.5	763.4	24.68634	24.8	24.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 13:53:43	16.67633	16.69797	16.64891	763.4203	763.5	763.4	24.7899	24.8	24.7
10/12/2016 13:58:43	16.67527	16.69527	16.65108	763.3676	763.5	763.3	24.73966	24.8	24.6
10/12/2016 14:03:43	16.67453	16.69745	16.64976	763.309	763.4	763.3	24.67329	24.8	24.6
10/12/2016 14:08:43	16.67453	16.69745	16.64976	763.309	763.4	763.3	24.67329	24.8	24.6
10/12/2016 14:13:43	16.67638	16.69327	16.65538	763.3	763.3	763.3	24.5966	24.7	24.4
10/12/2016 14:18:43	16.67559	16.69833	16.65744	763.2132	763.3	763.2	24.7971	24.9	24.7
10/12/2016 14:23:43	16.67559	16.69833	16.65744	763.2132	763.3	763.2	24.7971	24.9	24.7
10/12/2016 14:28:43	16.67479	16.69964	16.66141	763.3341	763.4	763.2	24.75668	24.9	24.6
10/12/2016 14:33:43	16.67483	16.70084	16.65795	763.2333	763.3	763.2	24.47938	24.7	24.3
10/12/2016 14:38:43	3.80153	16.69964	0	763.1208	763.2	763.1	24.53752	24.8	24.3
10/12/2016 14:43:43	0	0	0	763.1	763.1	763.1	24.28298	24.6	24.1
10/12/2016 14:48:43	0	0	0	763.0645	763.1	763	24.40693	24.6	24.3
10/12/2016 14:53:43	0	0	0	763	763	763	24.33679	24.4	24.3
10/12/2016 14:58:43	0	0	0	762.998	763	762.9	24.30672	24.4	24.2
10/12/2016 15:03:43	0	0	0	763	763	763	24.30693	24.4	24.2
10/12/2016 15:08:43	0	0	0	762.9807	763	762.9	24.34955	24.4	24.3
10/12/2016 15:13:43	0	0	0	762.9353	763	762.9	24.34036	24.4	24.3
10/12/2016 15:18:43	0	0	0	762.903	763	762.9	24.35965	24.4	24.3
10/12/2016 15:23:42	0	0	0	762.9	762.9	762.9	24.36636	24.4	24.3
10/12/2016 15:28:43	0	0	0	762.9	762.9	762.9	24.35986	24.4	24.3
10/12/2016 15:33:43	0	0	0	762.904	763	762.8	24.34303	24.4	24.3
10/12/2016 15:38:43	0	0	0	762.8737	762.9	762.8	24.3437	24.4	24.2
10/12/2016 15:43:43	0	0	0	762.8807	762.9	762.8	24.32622	24.4	24.2
10/12/2016 15:48:43	0	0	0	762.8777	762.9	762.8	24.31748	24.4	24.2
10/12/2016 15:53:42	0	0	0	762.8514	762.9	762.8	24.2928	24.4	24.2
10/12/2016 15:58:43	0	0	0	762.8	762.8	762.8	24.26388	24.4	24.2
10/12/2016 16:03:42	0	0	0	762.7908	762.8	762.7	24.23294	24.3	24.2
10/12/2016 16:08:43	0	0	0	762.704	762.8	762.7	24.08675	24.1	24
10/12/2016 16:13:43	0	0	0	762.7	762.7	762.7	24.05628	24.1	23.8
10/12/2016 16:18:43	0	0	0	762.7	762.7	762.7	23.85851	24.1	23.8
10/12/2016 16:23:43	0	0	0	762.7	762.7	762.7	23.85851	24.1	23.8
10/12/2016 16:28:43	0	0	0	762.7	762.7	762.7	23.74708	23.8	23.7
10/12/2016 16:33:42	0	0	0	762.7	762.7	762.7	23.6899	23.8	23.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 16:38:42	11.70675	16.70562	0	762.6207	762.7	762.6	23.55471	23.7	23.4
10/12/2016 16:43:42	16.67686	16.69726	16.6521	762.6	762.6	762.6	23.39263	23.5	23.2
10/12/2016 16:48:43	16.67466	16.70291	16.65087	762.6	762.6	762.6	23.23025	23.4	23.1
10/12/2016 16:53:43	16.67396	16.69131	16.66039	762.6	762.6	762.6	23.17329	23.2	23.1
10/12/2016 16:58:43	16.67453	16.69044	16.65474	762.5676	762.6	762.5	23.0733	23.2	22.9
10/12/2016 17:03:43	16.67479	16.68849	16.66061	762.4	762.4	762.4	22.82286	22.9	22.8
10/12/2016 17:08:43	16.67479	16.68849	16.66061	762.4	762.4	762.4	22.82286	22.9	22.8
10/12/2016 17:13:43	16.67544	16.69262	16.6541	762.3576	762.4	762.3	22.43968	22.5	22.3
10/12/2016 17:18:43	16.6756	16.69829	16.66061	762.4	762.4	762.4	22.24975	22.4	22.2
10/12/2016 17:23:42	16.6756	16.69829	16.66061	762.4	762.4	762.4	22.24975	22.4	22.2
10/12/2016 17:28:42	16.67362	16.69002	16.65278	762.4282	762.5	762.4	22.07284	22.2	21.9
10/12/2016 17:33:43	16.67452	16.68849	16.66171	762.4009	762.5	762.4	21.84639	21.9	21.8
10/12/2016 17:38:43	16.67268	16.6854	16.66017	762.4	762.4	762.4	21.72304	21.8	21.6
10/12/2016 17:43:42	16.6765	16.69518	16.66428	762.4	762.4	762.4	21.52397	21.7	21.3
10/12/2016 17:48:43	16.67237	16.69262	16.65193	762.4	762.4	762.4	21.36678	21.6	21.2
10/12/2016 17:53:42	16.67353	16.69262	16.65605	762.4	762.4	762.4	21.23699	21.4	21.2
10/12/2016 17:58:43	16.67595	16.68951	16.65861	762.4	762.4	762.4	21.14975	21.2	21.1
10/12/2016 18:03:42	16.6757	16.68793	16.65705	762.405	762.5	762.4	21.06295	21.1	20.8
10/12/2016 18:08:42	16.67258	16.68793	16.65547	762.4	762.4	762.4	20.82223	21.1	20.7
10/12/2016 18:13:43	16.6755	16.691	16.65605	762.3565	762.4	762.3	20.56995	20.7	20.5
10/12/2016 18:18:43	16.6755	16.691	16.65605	762.3565	762.4	762.3	20.56995	20.7	20.5
10/12/2016 18:23:42	16.6747	16.68882	16.66362	762.4	762.4	762.4	20.45963	20.6	20.2
10/12/2016 18:28:42	16.67566	16.68882	16.66362	762.4	762.4	762.4	20.18652	20.4	20.1
10/12/2016 18:33:43	16.67166	16.6815	16.66038	762.4	762.4	762.4	19.96259	20.1	19.9
10/12/2016 18:38:43	16.67268	16.68555	16.65632	762.4	762.4	762.4	19.85983	19.9	19.8
10/12/2016 18:43:42	16.67268	16.68555	16.65632	762.4	762.4	762.4	19.85983	19.9	19.8
10/12/2016 18:48:42	16.67675	16.6896	16.65469	762.4	762.4	762.4	19.73662	19.8	19.5
10/12/2016 18:53:43	16.67529	16.69364	16.64736	762.3858	762.4	762.3	19.41618	19.5	19.3
10/12/2016 18:58:42	16.67529	16.69364	16.64736	762.3858	762.4	762.3	19.41618	19.5	19.3
10/12/2016 19:03:43	16.67749	16.69985	16.65926	762.3	762.3	762.3	19.21279	19.3	19
10/12/2016 19:08:42	16.67749	16.69985	16.65926	762.3	762.3	762.3	19.21279	19.3	19
10/12/2016 19:13:42	16.67776	16.69817	16.65926	762.3	762.3	762.3	19.06614	19.2	18.9
10/12/2016 19:18:42	16.67782	16.68844	16.66329	762.3	762.3	762.3	18.93023	19.2	18.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 19:23:42	16.6767	16.69246	16.66329	762.3	762.3	762.3	18.86999	18.9	18.8
10/12/2016 19:28:43	16.67641	16.68675	16.67133	762.3	762.3	762.3	18.69351	18.8	18.6
10/12/2016 19:33:43	16.67243	16.68675	16.66161	762.3	762.3	762.3	18.59663	18.7	18.4
10/12/2016 19:38:42	16.67243	16.68675	16.66161	762.3	762.3	762.3	18.59663	18.7	18.4
10/12/2016 19:43:42	16.6727	16.69076	16.65189	762.3	762.3	762.3	18.49957	18.6	18.4
10/12/2016 19:48:42	16.67358	16.69076	16.65422	762.3	762.3	762.3	18.3899	18.6	18.2
10/12/2016 19:53:42	16.67389	16.69476	16.65422	762.3	762.3	762.3	18.29909	18.4	18.2
10/12/2016 19:58:43	16.67387	16.69476	16.66392	762.3	762.3	762.3	18.15652	18.2	18.1
10/12/2016 20:03:42	16.67387	16.69476	16.66392	762.3	762.3	762.3	18.15652	18.2	18.1
10/12/2016 20:08:43	16.67411	16.70048	16.65422	762.3122	762.4	762.3	18.04644	18.1	17.8
10/12/2016 20:13:42	16.67411	16.70048	16.65422	762.3122	762.4	762.3	18.04644	18.1	17.8
10/12/2016 20:18:43	16.67521	16.68822	16.65909	762.5738	762.7	762.5	17.82689	18	17.8
10/12/2016 20:23:42	16.67521	16.68822	16.65909	762.5738	762.7	762.5	17.82689	18	17.8
10/12/2016 20:28:43	16.672	16.68956	16.66043	762.7777	762.8	762.7	17.78991	17.8	17.7
10/12/2016 20:33:42	16.672	16.68956	16.66043	762.7777	762.8	762.7	17.78991	17.8	17.7
10/12/2016 20:38:42	16.67389	16.69575	16.65521	762.7	762.7	762.7	17.76724	17.8	17.7
10/12/2016 20:43:43	16.67548	16.69402	16.6592	762.7	762.7	762.7	17.71684	17.8	17.7
10/12/2016 20:48:42	16.67548	16.69402	16.6592	762.7	762.7	762.7	17.71684	17.8	17.7
10/12/2016 20:53:42	16.67606	16.69402	16.6592	762.7	762.7	762.7	17.67646	17.8	17.6
10/12/2016 20:58:42	16.67208	16.69048	16.66138	762.6	762.6	762.6	17.62689	17.7	17.6
10/12/2016 21:03:42	16.67208	16.69048	16.66138	762.6	762.6	762.6	17.62689	17.7	17.6
10/12/2016 21:08:42	16.67343	16.69402	16.6592	762.6241	762.7	762.6	17.59662	17.7	17.5
10/12/2016 21:13:42	16.67398	16.69048	16.6592	762.6312	762.7	762.6	17.58319	17.7	17.5
10/12/2016 21:18:42	16.67105	16.68078	16.66138	762.598	762.6	762.5	17.52958	17.6	17.5
10/12/2016 21:23:42	16.67411	16.69266	16.65214	762.502	762.6	762.5	17.51255	17.6	17.5
10/12/2016 21:28:43	16.67339	16.69266	16.66183	762.5	762.5	762.5	17.48655	17.5	17.4
10/12/2016 21:33:42	16.67213	16.6883	16.6592	762.594	762.7	762.5	17.47739	17.5	17.4
10/12/2016 21:38:42	16.67213	16.6883	16.6592	762.594	762.7	762.5	17.47739	17.5	17.4
10/12/2016 21:43:42	16.67794	16.69048	16.66138	762.6939	762.7	762.6	17.47311	17.5	17.4
10/12/2016 21:48:42	16.67127	16.68649	16.66138	762.6	762.6	762.6	17.4327	17.5	17.2
10/12/2016 21:53:42	16.67127	16.68649	16.66138	762.6	762.6	762.6	17.36094	17.5	17.2
10/12/2016 21:58:42	16.67291	16.69048	16.66138	762.6	762.6	762.6	17.31184	17.5	17.2
10/12/2016 22:03:42	16.67605	16.69183	16.65702	762.7858	762.8	762.7	17.25517	17.5	17.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/12/2016 22:08:42	16.6744	16.6883	16.6553	762.7535	762.8	762.7	17.22353	17.5	17.2
10/12/2016 22:13:42	16.6744	16.6883	16.6553	762.7535	762.8	762.7	17.22353	17.5	17.2
10/12/2016 22:18:42	16.67501	16.6883	16.65748	762.7171	762.8	762.7	17.23701	17.5	17.2
10/12/2016 22:23:42	16.67503	16.69048	16.64996	762.6374	762.7	762.6	17.21681	17.4	17.1
10/12/2016 22:28:42	16.67503	16.69048	16.64996	762.6374	762.7	762.6	17.21681	17.4	17.1
10/12/2016 22:33:42	16.67636	16.68655	16.65748	762.7142	762.8	762.7	17.16054	17.2	17.1
10/12/2016 22:38:42	16.67636	16.68655	16.65748	762.7142	762.8	762.7	17.16054	17.2	17.1
10/12/2016 22:43:42	16.67441	16.68655	16.65177	762.707	762.8	762.7	17.15695	17.2	17.1
10/12/2016 22:48:42	16.67467	16.68655	16.66145	762.7	762.7	762.7	17.16392	17.2	17.1
10/12/2016 22:53:42	16.67399	16.68874	16.66363	762.6	762.6	762.6	17.10336	17.2	17
10/12/2016 22:58:42	16.67399	16.68874	16.66363	762.6	762.6	762.6	17.10336	17.2	17
10/12/2016 23:03:42	16.67326	16.68874	16.65394	762.6434	762.7	762.6	17.10065	17.2	17
10/12/2016 23:08:42	16.67314	16.68875	16.6597	762.6899	762.7	762.6	17.05288	17.1	16.9
10/12/2016 23:13:42	16.67314	16.68875	16.6597	762.6899	762.7	762.6	17.05288	17.1	16.9
10/12/2016 23:18:42	16.67646	16.70021	16.65002	762.7	762.7	762.7	17.03319	17.1	16.9
10/12/2016 23:23:42	16.67698	16.69052	16.65753	762.7464	762.8	762.7	17.00361	17.1	16.9
10/12/2016 23:28:42	16.67555	16.69052	16.6597	762.705	762.8	762.7	16.95716	17.1	16.9
10/12/2016 23:33:42	16.67413	16.6927	16.66188	762.6	762.6	762.6	16.92961	17.1	16.9
10/12/2016 23:38:42	16.67413	16.6927	16.66188	762.6	762.6	762.6	16.92961	17.1	16.9
10/12/2016 23:43:42	16.67732	16.68874	16.66363	762.6	762.6	762.6	16.89638	17	16.8
10/12/2016 23:48:42	16.67732	16.68874	16.66363	762.6	762.6	762.6	16.89638	17	16.8
10/12/2016 23:53:42	16.67715	16.68874	16.66145	762.6223	762.7	762.6	16.88988	16.9	16.8
10/12/2016 23:58:42	16.67465	16.6883	16.65567	762.6505	762.7	762.6	16.9	17	16.8
10/13/2016 00:03:42	16.67469	16.69052	16.66145	762.7	762.7	762.7	16.91653	17	16.8
10/13/2016 00:08:42	16.67469	16.69052	16.66145	762.7	762.7	762.7	16.91653	17	16.8
10/13/2016 00:13:42	16.67371	16.68655	16.6597	762.6959	762.7	762.6	16.91008	17	16.9
10/13/2016 00:18:42	16.67573	16.6852	16.66012	762.6	762.6	762.6	16.9	16.9	16.9
10/13/2016 00:23:42	16.67573	16.6852	16.66012	762.6	762.6	762.6	16.9	16.9	16.9
10/13/2016 00:28:42	16.67551	16.68302	16.6619	762.699	762.7	762.6	16.88319	17	16.8
10/13/2016 00:33:42	16.67551	16.68302	16.6619	762.699	762.7	762.6	16.88319	17	16.8
10/13/2016 00:38:42	16.67183	16.68518	16.6619	762.7	762.7	762.7	16.88007	16.9	16.8
10/13/2016 00:43:42	16.67349	16.69091	16.65617	762.7	762.7	762.7	16.8596	16.9	16.8
10/13/2016 00:48:42	16.67393	16.68518	16.6619	762.7	762.7	762.7	16.82629	16.9	16.8

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 00:53:42	16.67553	16.69091	16.65972	762.7262	762.8	762.7	16.80338	16.9	16.6
10/13/2016 00:58:42	16.67289	16.68697	16.65617	762.7	762.7	762.7	16.75343	16.8	16.6
10/13/2016 01:03:42	16.67462	16.68697	16.6619	762.7	762.7	762.7	16.6673	16.8	16.5
10/13/2016 01:08:42	16.67462	16.68697	16.6619	762.7	762.7	762.7	16.6673	16.8	16.5
10/13/2016 01:13:42	16.67256	16.68697	16.6619	762.6948	762.7	762.6	16.61682	16.8	16.5
10/13/2016 01:18:42	16.67414	16.68342	16.66408	762.6	762.6	762.6	16.53671	16.6	16.5
10/13/2016 01:23:42	16.67414	16.68342	16.66408	762.6	762.6	762.6	16.53671	16.6	16.5
10/13/2016 01:28:42	16.67562	16.69309	16.65835	762.6465	762.7	762.6	16.54374	16.6	16.5
10/13/2016 01:33:42	16.67562	16.69309	16.65835	762.6465	762.7	762.6	16.54374	16.6	16.5
10/13/2016 01:38:42	16.67323	16.68697	16.6619	762.7	762.7	762.7	16.53701	16.6	16.5
10/13/2016 01:43:42	16.67398	16.68697	16.6619	762.7	762.7	762.7	16.50672	16.6	16.5
10/13/2016 01:48:42	16.67285	16.68697	16.6619	762.7	762.7	762.7	16.5	16.6	16.4
10/13/2016 01:53:42	16.67285	16.68697	16.6619	762.7	762.7	762.7	16.5	16.6	16.4
10/13/2016 01:58:42	16.67228	16.68697	16.6619	762.7	762.7	762.7	16.45719	16.5	16.3
10/13/2016 02:03:42	16.67458	16.69091	16.65617	762.7	762.7	762.7	16.38585	16.5	16.3
10/13/2016 02:08:42	16.67272	16.69091	16.65617	762.7	762.7	762.7	16.33675	16.5	16.2
10/13/2016 02:13:42	16.67271	16.69091	16.6619	762.6686	762.7	762.6	16.26972	16.3	16.2
10/13/2016 02:18:42	16.67271	16.69091	16.6619	762.6686	762.7	762.6	16.26972	16.3	16.2
10/13/2016 02:23:42	16.6734	16.68916	16.6619	762.6263	762.7	762.6	16.23972	16.3	16.2
10/13/2016 02:28:42	16.67249	16.69091	16.6619	762.6929	762.7	762.6	16.22354	16.3	16.2
10/13/2016 02:33:42	16.67241	16.69091	16.6619	762.7	762.7	762.7	16.21617	16.3	16.2
10/13/2016 02:38:42	16.6753	16.68873	16.6619	762.7525	762.8	762.7	16.20336	16.3	16.2
10/13/2016 02:43:42	16.6753	16.68873	16.6619	762.7525	762.8	762.7	16.20336	16.3	16.2
10/13/2016 02:48:42	16.67552	16.69485	16.64865	762.704	762.8	762.7	16.17704	16.3	16
10/13/2016 02:53:42	16.67517	16.69485	16.65832	762.7	762.7	762.7	16.17703	16.3	16
10/13/2016 02:58:42	16.67511	16.68947	16.66442	762.6	762.6	762.6	16.11587	16.2	15.9
10/13/2016 03:03:42	16.67511	16.68947	16.66442	762.6	762.6	762.6	16.11587	16.2	15.9
10/13/2016 03:08:42	16.67615	16.68947	16.66442	762.6	762.6	762.6	16.01012	16.2	15.9
10/13/2016 03:13:42	16.67556	16.68947	16.66442	762.5939	762.6	762.5	15.96996	16.2	15.9
10/13/2016 03:18:42	16.67525	16.68764	16.66442	762.5929	762.6	762.5	15.94379	16.2	15.9
10/13/2016 03:23:42	16.67678	16.69703	16.65083	762.6	762.6	762.6	15.90336	16	15.8
10/13/2016 03:28:42	16.67678	16.69703	16.65083	762.6	762.6	762.6	15.90336	16	15.8
10/13/2016 03:33:42	16.67625	16.68736	16.66053	762.5677	762.6	762.5	15.94886	16.2	15.9

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 03:38:42	16.67625	16.68736	16.66053	762.5677	762.6	762.5	15.94886	16.2	15.9
10/13/2016 03:43:42	16.6755	16.68739	16.6623	762.5	762.5	762.5	16.13601	16.2	15.9
10/13/2016 03:48:42	16.67593	16.69312	16.66188	762.5414	762.6	762.5	16.21344	16.3	16.2
10/13/2016 03:53:42	16.67356	16.68874	16.6597	762.605	762.7	762.6	16.42731	16.5	16.3
10/13/2016 03:58:42	16.67465	16.68874	16.66188	762.601	762.7	762.6	16.53333	16.6	16.5
10/13/2016 04:03:42	16.67465	16.68874	16.66188	762.601	762.7	762.6	16.53333	16.6	16.5
10/13/2016 04:08:42	16.6741	16.68874	16.66188	762.6	762.6	762.6	16.73268	16.9	16.5
10/13/2016 04:13:42	16.6741	16.68874	16.66188	762.6	762.6	762.6	16.86029	16.9	16.8
10/13/2016 04:18:42	16.67373	16.68874	16.66183	762.5313	762.6	762.5	17.10064	17.2	17
10/13/2016 04:23:42	16.67373	16.68874	16.66183	762.5313	762.6	762.5	17.10064	17.2	17
10/13/2016 04:28:42	16.67525	16.69092	16.66183	762.5374	762.6	762.5	17.18049	17.4	17.1
10/13/2016 04:33:42	16.675	16.68519	16.66406	762.5	762.5	762.5	17.48649	17.6	17.2
10/13/2016 04:38:42	16.675	16.68519	16.66406	762.5	762.5	762.5	17.48649	17.6	17.2
10/13/2016 04:43:42	16.67384	16.68519	16.65432	762.4505	762.5	762.4	17.57043	17.6	17.5
10/13/2016 04:48:42	16.67502	16.68519	16.66406	762.5	762.5	762.5	17.61009	17.7	17.5
10/13/2016 04:53:42	16.67502	16.68519	16.66406	762.5	762.5	762.5	17.61009	17.7	17.5
10/13/2016 04:58:42	16.67478	16.69489	16.65438	762.5	762.5	762.5	17.64613	17.7	17.6
10/13/2016 05:03:42	16.67593	16.69489	16.64866	762.5	762.5	762.5	17.68079	17.8	17.6
10/13/2016 05:08:42	16.67459	16.68343	16.66188	762.5677	762.6	762.5	17.73334	17.8	17.6
10/13/2016 05:13:42	16.67459	16.68343	16.66188	762.5677	762.6	762.5	17.73334	17.8	17.6
10/13/2016 05:18:42	16.67487	16.68874	16.66188	762.6	762.6	762.6	17.76362	17.8	17.7
10/13/2016 05:23:42	16.67487	16.68874	16.66188	762.6	762.6	762.6	17.76362	17.8	17.7
10/13/2016 05:28:42	16.67639	16.68874	16.66363	762.6	762.6	762.6	17.76697	17.8	17.7
10/13/2016 05:33:42	16.67478	16.68874	16.66145	762.6272	762.7	762.6	17.78317	17.8	17.7
10/13/2016 05:38:42	16.67665	16.68874	16.66145	762.6494	762.7	762.6	17.81349	18	17.8
10/13/2016 05:43:42	16.6759	16.68655	16.65177	762.7	762.7	762.7	17.89023	18.1	17.8
10/13/2016 05:48:42	16.6759	16.68655	16.65177	762.7	762.7	762.7	17.89023	18.1	17.8
10/13/2016 05:53:42	16.67328	16.68083	16.6597	762.6515	762.7	762.6	17.9219	18.1	17.8
10/13/2016 05:58:42	16.67511	16.68874	16.66145	762.6293	762.7	762.6	17.98754	18.1	17.8
10/13/2016 06:03:42	16.67621	16.68655	16.66319	762.7	762.7	762.7	18.00779	18.1	17.8
10/13/2016 06:08:42	16.67519	16.69227	16.66145	762.707	762.8	762.7	18.07371	18.1	18
10/13/2016 06:13:42	16.67326	16.68655	16.66145	762.7	762.7	762.7	18.05994	18.1	17.8
10/13/2016 06:18:42	16.67341	16.68655	16.66145	762.7	762.7	762.7	18.08385	18.1	18

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 06:23:42	16.67341	16.68655	16.66145	762.7	762.7	762.7	18.08385	18.1	18
10/13/2016 06:28:42	16.67292	16.68655	16.66145	762.7	762.7	762.7	18.05638	18.1	17.8
10/13/2016 06:33:42	16.67292	16.68655	16.66145	762.7	762.7	762.7	18.05638	18.1	17.8
10/13/2016 06:38:42	16.67527	16.69406	16.65927	762.7624	762.8	762.7	18.04329	18.1	17.8
10/13/2016 06:43:42	16.67363	16.69052	16.65002	762.7	762.7	762.7	17.94997	18.1	17.8
10/13/2016 06:48:42	16.67363	16.69052	16.65002	762.7	762.7	762.7	17.94997	18.1	17.8
10/13/2016 06:53:42	16.67306	16.68875	16.65577	762.7523	762.8	762.7	17.82015	18	17.8
10/13/2016 06:58:42	16.67482	16.69052	16.65399	762.7123	762.8	762.7	17.79329	17.8	17.7
10/13/2016 07:03:42	16.67482	16.69052	16.65399	762.7123	762.8	762.7	17.79329	17.8	17.7
10/13/2016 07:08:42	16.67364	16.68875	16.65223	762.7	762.7	762.7	17.77685	17.8	17.7
10/13/2016 07:13:42	16.67402	16.68302	16.65795	762.7	762.7	762.7	17.74326	17.8	17.6
10/13/2016 07:18:42	16.67351	16.69052	16.65577	762.7311	762.8	762.7	17.70637	17.8	17.6
10/13/2016 07:23:42	16.67367	16.69052	16.65972	762.8	762.8	762.8	17.62682	17.7	17.6
10/13/2016 07:28:42	16.67367	16.69052	16.65972	762.8	762.8	762.8	17.62682	17.7	17.6
10/13/2016 07:33:42	16.67309	16.69052	16.66149	762.8	762.8	762.8	17.59999	17.7	17.5
10/13/2016 07:38:42	16.67486	16.69009	16.66101	762.8	762.8	762.8	17.57684	17.6	17.5
10/13/2016 07:43:42	16.67486	16.69009	16.66101	762.8	762.8	762.8	17.57684	17.6	17.5
10/13/2016 07:48:42	16.67282	16.68956	16.64333	762.8	762.8	762.8	17.66645	17.8	17.6
10/13/2016 07:53:42	16.67441	16.70327	16.66273	762.801	762.9	762.8	17.77987	18	17.6
10/13/2016 07:58:42	16.67441	16.70327	16.66273	762.801	762.9	762.8	17.77987	18	17.6
10/13/2016 08:03:42	16.67454	16.69138	16.65085	762.8886	762.9	762.8	18.04065	18.2	17.8
10/13/2016 08:08:42	16.67447	16.68908	16.66178	762.9261	763	762.9	18.23384	18.4	18.1
10/13/2016 08:13:42	16.67254	16.69027	16.66108	763	763	763	18.48965	18.7	18.4
10/13/2016 08:18:42	16.67214	16.69027	16.6554	763	763	763	18.76008	18.9	18.6
10/13/2016 08:23:42	16.67801	16.68953	16.64894	763	763	763	18.98302	19.2	18.8
10/13/2016 08:28:42	16.67527	16.69437	16.65783	763	763	763	19.56983	19.8	19.4
10/13/2016 08:33:42	16.67527	16.69437	16.65783	763	763	763	19.56983	19.8	19.4
10/13/2016 08:38:42	16.67362	16.69029	16.65532	763	763	763	19.89964	20.1	19.8
10/13/2016 08:43:42	16.67527	16.6928	16.66036	763.0806	763.1	763	20.58023	20.7	20.4
10/13/2016 08:48:42	16.67527	16.6928	16.66036	763.0806	763.1	763	20.58023	20.7	20.4
10/13/2016 08:53:42	16.67322	16.68942	16.65407	763.2211	763.3	763.2	21.26604	21.6	21.1
10/13/2016 08:58:42	16.67322	16.68942	16.65407	763.2211	763.3	763.2	21.26604	21.6	21.1
10/13/2016 09:03:42	16.67487	16.69351	16.65601	763.3	763.3	763.3	21.57977	21.8	21.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 09:08:42	16.67296	16.68783	16.65945	763.3	763.3	763.3	21.88653	22.2	21.8
10/13/2016 09:13:42	16.67422	16.69218	16.65945	763.3805	763.4	763.3	22.30635	22.5	22.2
10/13/2016 09:18:42	16.67422	16.69218	16.65945	763.3805	763.4	763.3	22.30635	22.5	22.2
10/13/2016 09:23:42	16.67461	16.68891	16.65971	763.3976	763.5	763.3	22.36308	22.5	22.2
10/13/2016 09:28:42	16.6741	16.69055	16.65971	763.4	763.4	763.4	22.30368	22.4	22.2
10/13/2016 09:33:42	16.6741	16.69055	16.65971	763.4	763.4	763.4	22.30368	22.4	22.2
10/13/2016 09:38:42	16.67543	16.70029	16.65807	763.4161	763.5	763.4	22.19699	22.3	21.9
10/13/2016 09:43:42	16.67463	16.68812	16.65727	763.4282	763.5	763.4	22.02982	22.2	21.9
10/13/2016 09:48:42	16.67629	16.69541	16.65794	763.4	763.4	763.4	21.89664	22	21.8
10/13/2016 09:53:42	16.67368	16.69037	16.64972	763.4	763.4	763.4	21.88993	21.9	21.8
10/13/2016 09:58:42	16.67425	16.69386	16.65949	763.4453	763.5	763.4	21.93992	22.2	21.8
10/13/2016 10:03:42	16.6748	16.68915	16.65166	763.4557	763.5	763.4	22.14021	22.2	21.9
10/13/2016 10:08:42	16.67618	16.69497	16.65428	763.4	763.4	763.4	22.28994	22.4	22.2
10/13/2016 10:13:42	16.67437	16.70381	16.65741	763.4	763.4	763.4	22.53625	22.8	22.4
10/13/2016 10:18:42	16.67328	16.69397	16.64196	763.4	763.4	763.4	23.20372	23.4	22.9
10/13/2016 10:23:42	16.67328	16.69397	16.64196	763.4	763.4	763.4	23.20372	23.4	22.9
10/13/2016 10:28:42	16.67476	16.69539	16.66162	763.4	763.4	763.4	23.59327	23.7	23.4
10/13/2016 10:33:42	16.67172	16.69082	16.64196	763.4	763.4	763.4	24.02712	24.2	23.8
10/13/2016 10:38:42	16.67471	16.69232	16.6521	763.402	763.5	763.4	24.28356	24.4	24.2
10/13/2016 10:43:42	16.67471	16.69232	16.6521	763.402	763.5	763.4	24.28356	24.4	24.2
10/13/2016 10:48:42	16.67308	16.69127	16.6521	763.501	763.6	763.5	24.34702	24.4	24.2
10/13/2016 10:53:42	16.6749	16.69073	16.66142	763.5211	763.6	763.5	24.1209	24.3	23.8
10/13/2016 10:58:42	16.67511	16.6954	16.6521	763.5094	763.6	763.5	23.7198	23.8	23.6
10/13/2016 11:03:42	16.67511	16.6954	16.6521	763.5094	763.6	763.5	23.7198	23.8	23.6
10/13/2016 11:08:42	16.67625	16.70291	16.65103	763.5	763.5	763.5	23.69961	23.8	23.6
10/13/2016 11:13:42	16.67474	16.69036	16.65654	763.5	763.5	763.5	23.79659	24.1	23.7
10/13/2016 11:18:42	16.67442	16.69309	16.64673	763.5775	763.6	763.5	24.06941	24.2	23.8
10/13/2016 11:23:42	16.67532	16.69455	16.65091	763.5386	763.6	763.5	24.3332	24.4	24.2
10/13/2016 11:28:42	16.67532	16.69455	16.65091	763.5386	763.6	763.5	24.3332	24.4	24.2
10/13/2016 11:33:42	16.67299	16.68527	16.64456	763.5969	763.6	763.5	24.61302	24.8	24.4
10/13/2016 11:38:42	16.67299	16.68527	16.64456	763.5969	763.6	763.5	24.61302	24.8	24.4
10/13/2016 11:43:42	16.67541	16.69455	16.65524	763.5	763.5	763.5	24.81341	24.9	24.7
10/13/2016 11:48:42	16.67541	16.69455	16.65524	763.5	763.5	763.5	24.81341	24.9	24.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 11:53:42	16.67438	16.68899	16.64541	763.502	763.6	763.5	25.16345	25.3	25
10/13/2016 11:58:42	16.67438	16.68899	16.64541	763.502	763.6	763.5	25.16345	25.3	25
10/13/2016 12:03:42	16.67428	16.70163	16.65524	763.5141	763.6	763.4	25.32682	25.4	25.2
10/13/2016 12:08:42	16.67491	16.69819	16.66162	763.4	763.4	763.4	25.38356	25.4	25.3
10/13/2016 12:13:42	16.67491	16.69819	16.66162	763.4	763.4	763.4	25.38356	25.4	25.3
10/13/2016 12:18:42	16.67677	16.69819	16.65818	763.3738	763.4	763.3	25.45704	25.5	25.4
10/13/2016 12:23:42	16.67544	16.69324	16.66093	763.3	763.3	763.3	25.52382	25.6	25.4
10/13/2016 12:28:42	16.67258	16.70179	16.6441	763.3231	763.4	763.3	25.67306	25.8	25.6
10/13/2016 12:33:42	16.67258	16.70179	16.6441	763.3231	763.4	763.3	25.67306	25.8	25.6
10/13/2016 12:38:42	16.67448	16.69968	16.64976	763.2537	763.3	763.2	25.80736	25.9	25.6
10/13/2016 12:43:42	16.67434	16.69896	16.65542	763.101	763.2	763.1	25.66976	25.8	25.5
10/13/2016 12:48:42	16.67434	16.69896	16.65542	763.101	763.2	763.1	25.66976	25.8	25.5
10/13/2016 12:53:42	16.67386	16.70268	16.6448	763.0161	763.1	763	25.80599	26	25.6
10/13/2016 12:58:42	16.67386	16.70268	16.6448	763.0161	763.1	763	25.80599	26	25.6
10/13/2016 13:03:42	16.6744	16.69281	16.64845	763.0282	763.2	763	25.85634	25.9	25.8
10/13/2016 13:08:42	16.67592	16.69843	16.65624	762.9769	763	762.9	25.84964	25.9	25.8
10/13/2016 13:13:42	16.67404	16.6921	16.66112	762.9	762.9	762.9	25.89661	26.1	25.8
10/13/2016 13:18:42	16.67491	16.68916	16.66166	762.8486	762.9	762.8	26.06977	26.1	26
10/13/2016 13:23:42	16.67491	16.68916	16.66166	762.8486	762.9	762.8	26.06977	26.1	26
10/13/2016 13:28:42	16.67502	16.70704	16.65208	762.8141	762.9	762.8	26.18019	26.2	26.1
10/13/2016 13:33:42	16.67502	16.70704	16.65208	762.8141	762.9	762.8	26.18019	26.2	26.1
10/13/2016 13:38:42	16.67623	16.69402	16.66043	762.6	762.6	762.6	26.24696	26.4	26.2
10/13/2016 13:43:42	16.67623	16.69402	16.66043	762.6	762.6	762.6	26.24696	26.4	26.2
10/13/2016 13:48:42	16.67415	16.6897	16.65093	762.6754	762.7	762.6	26.47683	26.5	26.4
10/13/2016 13:53:42	16.67389	16.69743	16.65825	762.7	762.7	762.7	26.57982	26.7	26.5
10/13/2016 13:58:42	16.67389	16.69743	16.65825	762.7	762.7	762.7	26.57982	26.7	26.5
10/13/2016 14:03:42	16.67593	16.71331	16.65343	762.6617	762.8	762.6	26.68659	26.8	26.5
10/13/2016 14:08:42	16.67317	16.69511	16.64363	762.6281	762.7	762.6	26.69664	26.8	26.6
10/13/2016 14:13:42	16.67523	16.7056	16.65351	762.4443	762.7	762.3	26.57988	26.7	26.5
10/13/2016 14:18:42	16.67615	16.69367	16.65794	762.2225	762.3	762.1	26.49664	26.7	26.4
10/13/2016 14:23:42	16.67611	16.69721	16.6541	762.0798	762.2	762	26.44364	26.5	26.2
10/13/2016 14:28:42	16.67387	16.68901	16.66059	761.9822	762.1	761.9	26.19662	26.4	26.1
10/13/2016 14:33:42	16.67387	16.68901	16.66059	761.9822	762.1	761.9	26.19662	26.4	26.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 14:38:42	16.673	16.68889	16.65227	761.9	761.9	761.9	26.17986	26.2	26.1
10/13/2016 14:43:42	16.67405	16.68889	16.65227	761.8577	761.9	761.8	26.27048	26.5	26.2
10/13/2016 14:48:42	16.67405	16.68889	16.65227	761.8577	761.9	761.8	26.27048	26.5	26.2
10/13/2016 14:53:42	16.67564	16.68812	16.65588	761.9	761.9	761.9	26.64363	26.8	26.5
10/13/2016 14:58:42	16.67564	16.68812	16.65588	761.9	761.9	761.9	26.64363	26.8	26.5
10/13/2016 15:03:42	16.67534	16.69044	16.64939	761.9	761.9	761.9	26.85252	27.1	26.7
10/13/2016 15:08:42	16.67368	16.69369	16.64939	761.9554	762	761.9	27.15704	27.2	27
10/13/2016 15:13:42	16.67605	16.68792	16.65688	761.9869	762	761.9	27.63392	27.8	27.4
10/13/2016 15:18:42	16.67605	16.68792	16.65688	761.9869	762	761.9	27.63392	27.8	27.4
10/13/2016 15:23:42	16.67388	16.69689	16.6537	761.9523	762	761.9	27.81973	28	27.7
10/13/2016 15:28:42	16.67524	16.68423	16.64886	762	762	762	27.95677	28	27.8
10/13/2016 15:33:42	16.67639	16.69975	16.64637	762.0101	762.1	762	27.46046	27.6	27.4
10/13/2016 15:38:42	16.67639	16.69975	16.64637	762.0101	762.1	762	27.46046	27.6	27.4
10/13/2016 15:43:42	16.67428	16.68636	16.65241	762	762	762	26.8673	27.1	26.5
10/13/2016 15:48:42	16.67428	16.68636	16.65241	762	762	762	26.8673	27.1	26.5
10/13/2016 15:53:42	16.67522	16.69549	16.65459	761.9396	762	761.9	26.29642	26.6	26.1
10/13/2016 15:58:42	16.67415	16.69549	16.66149	761.8688	761.9	761.8	26.09663	26.2	26
10/13/2016 16:03:42	16.6745	16.69767	16.65117	761.8	761.8	761.8	26.06683	26.1	26
10/13/2016 16:08:42	16.67513	16.69767	16.65117	761.8	761.8	761.8	26.02312	26.1	25.9
10/13/2016 16:13:42	16.67352	16.69338	16.65072	761.79	761.8	761.7	26.08993	26.1	26
10/13/2016 16:18:41	16.67352	16.69338	16.65072	761.79	761.8	761.7	26.08993	26.1	26
10/13/2016 16:23:42	16.67526	16.70679	16.65595	761.703	761.8	761.7	26.09664	26.1	26
10/13/2016 16:28:42	16.6748	16.69986	16.65595	761.7	761.7	761.7	26.11973	26.2	26.1
10/13/2016 16:33:42	16.67374	16.69291	16.65335	761.7	761.7	761.7	26.1235	26.2	26.1
10/13/2016 16:38:42	3.77541	16.68302	0	761.6884	761.7	761.6	25.97834	26.1	25.8
10/13/2016 16:43:42	0	0	0	761.6083	761.7	761.5	25.12996	25.4	24.9
10/13/2016 16:48:42	0	0	0	761.6083	761.7	761.5	25.12996	25.4	24.9
10/13/2016 16:53:42	0	0	0	761.4094	761.5	761.3	24.4628	24.7	24.3
10/13/2016 16:58:41	0	0	0	761.4094	761.5	761.3	24.4628	24.7	24.3
10/13/2016 17:03:42	0	0	0	761.3003	761.4	761.3	24.28958	24.4	24.2
10/13/2016 17:08:41	0	0	0	761.2769	761.3	761.2	24.14666	24.2	24.1
10/13/2016 17:13:42	0	0	0	761.2	761.2	761.2	23.93668	24.1	23.8
10/13/2016 17:18:42	0	0	0	761.1	761.1	761.1	23.49965	23.6	23.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 17:23:41	0	0	0	761.1	761.1	761.1	23.49965	23.6	23.4
10/13/2016 17:28:42	0	0	0	760.9446	761	760.9	23.09075	23.2	22.9
10/13/2016 17:33:42	0	0	0	760.9	760.9	760.9	22.90304	23.1	22.8
10/13/2016 17:38:41	0	0	0	760.9	760.9	760.9	22.90304	23.1	22.8
10/13/2016 17:43:42	0	0	0	760.8265	760.9	760.8	22.49746	22.6	22.3
10/13/2016 17:48:42	0	0	0	760.8265	760.9	760.8	22.49746	22.6	22.3
10/13/2016 17:53:42	0	0	0	760.786	760.8	760.7	22.31686	22.4	22.2
10/13/2016 17:58:41	0	0	0	760.7292	760.8	760.7	22.11057	22.2	21.9
10/13/2016 18:03:42	0	0	0	760.7	760.7	760.7	21.86011	22	21.8
10/13/2016 18:08:41	0	0	0	760.7	760.7	760.7	21.69335	21.8	21.6
10/13/2016 18:13:41	0	0	0	760.7	760.7	760.7	21.54961	21.7	21.3
10/13/2016 18:18:41	0	0	0	760.7	760.7	760.7	21.28698	21.4	21.2
10/13/2016 18:23:41	0	0	0	760.603	760.7	760.6	21.17019	21.3	21.1
10/13/2016 18:28:41	0	0	0	760.5788	760.6	760.5	20.99715	21.1	20.8
10/13/2016 18:33:42	0	0	0	760.6	760.6	760.6	20.60679	20.7	20.5
10/13/2016 18:38:42	0	0	0	760.6	760.6	760.6	20.42065	20.6	20.2
10/13/2016 18:43:42	0	0	0	760.5749	760.6	760.5	20.22964	20.5	20.1
10/13/2016 18:48:41	0	0	0	760.5749	760.6	760.5	20.22964	20.5	20.1
10/13/2016 18:53:42	0	0	0	760.6	760.6	760.6	19.90973	20	19.9
10/13/2016 18:58:42	0	0	0	760.6	760.6	760.6	19.90973	20	19.9
10/13/2016 19:03:41	0	0	0	760.6573	760.7	760.6	19.79294	19.9	19.6
10/13/2016 19:08:41	0	0	0	760.7	760.7	760.7	19.55341	19.6	19.5
10/13/2016 19:13:41	0	0	0	760.7	760.7	760.7	19.46682	19.5	19.3
10/13/2016 19:18:42	0	0	0	760.7	760.7	760.7	19.1933	19.3	19
10/13/2016 19:23:41	0	0	0	760.7	760.7	760.7	19.1933	19.3	19
10/13/2016 19:28:42	0	0	0	760.708	760.8	760.7	19.05682	19.2	18.9
10/13/2016 19:33:41	0	0	0	760.7164	760.8	760.7	18.90722	19.2	18.8
10/13/2016 19:38:41	11.63069	16.70562	0	760.7	760.7	760.7	18.79566	18.9	18.7
10/13/2016 19:43:41	16.67769	16.69421	16.66496	760.7	760.7	760.7	18.65335	18.7	18.6
10/13/2016 19:48:42	16.67562	16.69421	16.66496	760.7	760.7	760.7	18.51022	18.7	18.4
10/13/2016 19:53:41	16.6751	16.69421	16.65522	760.7301	760.8	760.7	18.36979	18.6	18.2
10/13/2016 19:58:41	16.67331	16.68392	16.65303	760.799	760.8	760.7	18.23025	18.4	18.2
10/13/2016 20:03:42	16.67214	16.69149	16.65085	760.9151	761	760.9	18.11008	18.2	18.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 20:08:42	16.67195	16.68983	16.66059	760.9	760.9	760.9	18.08322	18.1	18
10/13/2016 20:13:41	16.67195	16.68983	16.66059	760.9	760.9	760.9	18.08322	18.1	18
10/13/2016 20:18:41	16.67319	16.68764	16.66059	760.9674	761	760.9	17.97315	18.1	17.8
10/13/2016 20:23:41	16.67428	16.68764	16.66246	760.999	761	760.9	17.89249	18.1	17.8
10/13/2016 20:28:41	16.67478	16.69168	16.66246	761	761	761	17.84967	18.1	17.8
10/13/2016 20:33:41	16.67564	16.69168	16.66246	761	761	761	17.82391	18	17.7
10/13/2016 20:38:41	16.67514	16.69168	16.65676	761	761	761	17.77984	17.8	17.7
10/13/2016 20:43:41	16.6749	16.69168	16.65676	761	761	761	17.76976	17.8	17.7
10/13/2016 20:48:41	16.67306	16.6952	16.66027	761.0836	761.1	761	17.74959	17.8	17.7
10/13/2016 20:53:41	16.67416	16.68194	16.65676	761.0031	761.1	761	17.73991	17.8	17.6
10/13/2016 20:58:41	16.67394	16.68597	16.66027	761.0161	761.1	761	17.72016	17.8	17.7
10/13/2016 21:03:41	16.67429	16.68378	16.66431	761.0989	761.1	761	17.68992	17.8	17.6
10/13/2016 21:08:42	16.67425	16.68378	16.66431	761.1	761.1	761.1	17.65677	17.7	17.6
10/13/2016 21:13:42	16.67495	16.69352	16.66431	761.1	761.1	761.1	17.65036	17.8	17.6
10/13/2016 21:18:41	16.67495	16.69352	16.66431	761.1	761.1	761.1	17.65036	17.8	17.6
10/13/2016 21:23:41	16.67478	16.68949	16.66213	761.102	761.2	761.1	17.65042	17.7	17.6
10/13/2016 21:28:41	16.67339	16.68562	16.66213	761.1868	761.2	761.1	17.61007	17.7	17.6
10/13/2016 21:33:41	16.67339	16.68562	16.66213	761.1868	761.2	761.1	17.61007	17.7	17.6
10/13/2016 21:38:41	16.67512	16.68915	16.66213	761.2402	761.3	761.2	17.61311	17.7	17.6
10/13/2016 21:43:42	16.67389	16.68696	16.66179	761.4	761.4	761.4	17.603	17.7	17.5
10/13/2016 21:48:41	16.67389	16.68696	16.66179	761.4	761.4	761.4	17.603	17.7	17.5
10/13/2016 21:53:42	16.67665	16.6888	16.66498	761.5654	761.7	761.5	17.58352	17.7	17.5
10/13/2016 21:58:41	16.67665	16.6888	16.66498	761.5654	761.7	761.5	17.58352	17.7	17.5
10/13/2016 22:03:41	16.67536	16.69415	16.65758	761.6835	761.7	761.6	17.57648	17.7	17.5
10/13/2016 22:08:41	16.67314	16.68625	16.66279	761.8167	761.9	761.7	17.5563	17.6	17.5
10/13/2016 22:13:41	16.67314	16.68625	16.66279	761.8167	761.9	761.7	17.55631	17.6	17.5
10/13/2016 22:18:41	16.67231	16.68978	16.65491	761.9	761.9	761.9	17.53694	17.6	17.5
10/13/2016 22:23:42	16.67549	16.68236	16.65723	761.9	761.9	761.9	17.53281	17.6	17.5
10/13/2016 22:28:41	16.67549	16.68236	16.65723	761.9	761.9	761.9	17.53281	17.6	17.5
10/13/2016 22:33:41	16.67658	16.69426	16.66294	761.8477	761.9	761.8	17.50671	17.6	17.5
10/13/2016 22:38:41	16.67721	16.68854	16.65723	761.8372	761.9	761.8	17.49664	17.5	17.4
10/13/2016 22:43:41	16.67589	16.68635	16.65723	761.9	761.9	761.9	17.47651	17.6	17.2
10/13/2016 22:48:41	16.67502	16.68635	16.66123	761.9	761.9	761.9	17.43955	17.5	17.2

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/13/2016 22:53:41	16.6761	16.69207	16.65723	761.9	761.9	761.9	17.41272	17.5	17.2
10/13/2016 22:58:41	16.67648	16.69426	16.65941	761.8123	761.9	761.8	17.32665	17.5	17.2
10/13/2016 23:03:41	16.67681	16.68854	16.66123	761.8305	761.9	761.8	17.25287	17.5	17.2
10/13/2016 23:08:41	16.67681	16.68854	16.66123	761.8305	761.9	761.8	17.25287	17.5	17.2
10/13/2016 23:13:41	16.67822	16.69426	16.66912	761.8	761.8	761.8	17.25372	17.5	17.2
10/13/2016 23:18:41	16.67736	16.69253	16.6577	761.7376	761.8	761.7	17.20671	17.4	17.2
10/13/2016 23:23:41	16.67736	16.69253	16.6577	761.7376	761.8	761.7	17.20671	17.4	17.2
10/13/2016 23:28:41	16.67815	16.68899	16.66168	761.7191	761.8	761.7	17.20335	17.4	17.1
10/13/2016 23:33:41	16.67295	16.68545	16.66213	761.6949	761.7	761.6	17.16641	17.2	17.1
10/13/2016 23:38:41	16.67295	16.68545	16.66213	761.6949	761.7	761.6	17.16641	17.2	17.1
10/13/2016 23:43:41	16.67712	16.69078	16.65994	761.7859	761.8	761.7	17.12318	17.2	17.1
10/13/2016 23:48:41	16.67712	16.69078	16.65994	761.7859	761.8	761.7	17.12318	17.2	17.1
10/13/2016 23:53:41	16.67574	16.68903	16.66392	761.8	761.8	761.8	17.09664	17.1	17
10/13/2016 23:58:41	16.67636	16.68903	16.66174	761.8959	761.9	761.8	17.08701	17.1	16.9
10/14/2016 00:03:41	16.67596	16.68684	16.65776	761.9	761.9	761.9	17.07343	17.1	16.9
10/14/2016 00:08:41	16.67506	16.6886	16.65776	761.9	761.9	761.9	17.02675	17.1	16.9
10/14/2016 00:13:41	16.67506	16.6886	16.65776	761.9	761.9	761.9	17.02675	17.1	16.9
10/14/2016 00:18:41	16.67489	16.68684	16.66174	761.9	761.9	761.9	16.97359	17.1	16.9
10/14/2016 00:23:41	16.67296	16.68684	16.65602	761.9	761.9	761.9	16.94368	17.1	16.9
10/14/2016 00:28:41	16.67296	16.68684	16.65602	761.9	761.9	761.9	16.94368	17.1	16.9
10/14/2016 00:33:41	16.67359	16.68684	16.66174	761.9	761.9	761.9	16.93022	17.1	16.9
10/14/2016 00:38:41	16.67196	16.68111	16.65602	761.9	761.9	761.9	16.90672	17	16.8
10/14/2016 00:43:41	16.67357	16.68507	16.65602	761.9	761.9	761.9	16.90001	17	16.8
10/14/2016 00:48:41	16.67669	16.70049	16.66174	761.9	761.9	761.9	16.89664	17	16.8
10/14/2016 00:53:41	16.67479	16.69081	16.65998	761.9	761.9	761.9	16.88655	16.9	16.8
10/14/2016 00:58:41	16.67489	16.68684	16.66174	761.9	761.9	761.9	16.89662	17	16.8
10/14/2016 01:03:41	16.67489	16.68684	16.66174	761.9	761.9	761.9	16.89662	17	16.8
10/14/2016 01:08:41	16.67237	16.68684	16.66174	761.9	761.9	761.9	16.92016	17	16.9
10/14/2016 01:13:41	16.67726	16.69081	16.65998	761.9	761.9	761.9	16.99285	17.1	16.9
10/14/2016 01:18:41	16.6751	16.69081	16.65998	761.9291	762	761.9	17.03407	17.1	16.9
10/14/2016 01:23:41	16.67634	16.69258	16.6578	762	762	762	17.10336	17.2	17
10/14/2016 01:28:41	16.67634	16.69258	16.6578	762	762	762	17.10336	17.2	17
10/14/2016 01:33:41	16.67617	16.69611	16.6578	762.0031	762.1	762	17.11682	17.2	17.1

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 01:38:41	16.67496	16.68643	16.6653	762.1	762.1	762.1	17.13693	17.2	17.1
10/14/2016 01:43:41	16.67444	16.68643	16.66134	762.118	762.2	762.1	17.15004	17.2	17.1
10/14/2016 01:48:41	16.67298	16.68425	16.66092	762.2	762.2	762.2	17.16014	17.2	17.1
10/14/2016 01:53:41	16.67298	16.68425	16.66092	762.2	762.2	762.2	17.16014	17.2	17.1
10/14/2016 01:58:41	16.67345	16.68205	16.66092	762.2	762.2	762.2	17.1534	17.2	17.1
10/14/2016 02:03:41	16.67159	16.69174	16.6552	762.2	762.2	762.2	17.18016	17.2	17.1
10/14/2016 02:08:41	16.67128	16.68205	16.66092	762.2	762.2	762.2	17.19328	17.2	17.1
10/14/2016 02:13:41	16.67201	16.69174	16.65123	762.2	762.2	762.2	17.22686	17.4	17.2
10/14/2016 02:18:41	16.67099	16.69174	16.65123	762.2	762.2	762.2	17.26957	17.5	17.2
10/14/2016 02:23:41	16.67099	16.69174	16.65123	762.2	762.2	762.2	17.26957	17.5	17.2
10/14/2016 02:28:41	16.67332	16.68425	16.6552	762.2252	762.3	762.2	17.34258	17.5	17.2
10/14/2016 02:33:41	16.67406	16.68425	16.66488	762.2	762.2	762.2	17.48317	17.6	17.2
10/14/2016 02:38:41	16.67406	16.68425	16.66488	762.2	762.2	762.2	17.48317	17.6	17.2
10/14/2016 02:43:41	16.67515	16.68643	16.65738	762.1033	762.2	762.1	17.50336	17.6	17.5
10/14/2016 02:48:41	16.6762	16.68248	16.6631	762.0835	762.1	762	17.54996	17.6	17.5
10/14/2016 02:53:41	16.6762	16.68248	16.6631	762.0835	762.1	762	17.54996	17.6	17.5
10/14/2016 02:58:41	16.67536	16.68248	16.6631	762.1	762.1	762.1	17.54032	17.6	17.5
10/14/2016 03:03:41	16.67598	16.68248	16.65738	762.1	762.1	762.1	17.59327	17.7	17.5
10/14/2016 03:08:41	16.67598	16.68248	16.65738	762.1	762.1	762.1	17.59327	17.7	17.5
10/14/2016 03:13:41	16.67608	16.68643	16.65738	762.084	762.1	762	17.60672	17.7	17.6
10/14/2016 03:18:41	16.6778	16.68862	16.66352	762	762	762	17.62018	17.7	17.6
10/14/2016 03:23:41	16.6778	16.68862	16.66352	762	762	762	17.62018	17.7	17.6
10/14/2016 03:28:41	16.67871	16.68862	16.66352	762	762	762	17.64672	17.7	17.6
10/14/2016 03:33:41	16.6779	16.68862	16.66528	762	762	762	17.67009	17.8	17.6
10/14/2016 03:38:41	16.67792	16.68862	16.66352	762	762	762	17.67006	17.8	17.6
10/14/2016 03:43:41	16.67698	16.68862	16.66352	762	762	762	17.66636	17.8	17.6
10/14/2016 03:48:41	16.67359	16.69081	16.65998	761.9094	762	761.9	17.68018	17.8	17.6
10/14/2016 03:53:41	16.67562	16.68862	16.66174	761.9543	762	761.9	17.67646	17.8	17.6
10/14/2016 03:58:41	16.67677	16.69611	16.66528	762.0049	762.1	762	17.68993	17.8	17.6
10/14/2016 04:03:41	16.67677	16.69611	16.66528	762.0049	762.1	762	17.68993	17.8	17.6
10/14/2016 04:08:41	16.67359	16.68995	16.66086	762.0889	762.1	762	17.74279	17.8	17.6
10/14/2016 04:13:41	16.67359	16.68995	16.66086	762.0889	762.1	762	17.74279	17.8	17.6
10/14/2016 04:18:41	16.67201	16.68995	16.65514	762.1	762.1	762.1	17.75962	17.8	17.7

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 04:23:41	16.67124	16.68597	16.65514	762.1	762.1	762.1	17.7966	18	17.7
10/14/2016 04:28:41	16.67087	16.68777	16.65868	762.105	762.2	762.1	17.80671	18	17.8
10/14/2016 04:33:41	16.67309	16.68597	16.65868	762.1161	762.2	762.1	17.85718	18.1	17.8
10/14/2016 04:38:41	16.67277	16.6877	16.65687	762.1	762.1	762.1	18.06337	18.1	17.8
10/14/2016 04:43:41	16.67277	16.6877	16.65687	762.1	762.1	762.1	18.06337	18.1	17.8
10/14/2016 04:48:41	16.67321	16.68199	16.66257	762.1	762.1	762.1	18.10001	18.2	18
10/14/2016 04:53:41	16.67447	16.69741	16.66039	762.1422	762.2	762.1	18.12687	18.2	18.1
10/14/2016 04:58:41	16.67706	16.68777	16.66266	762.2	762.2	762.2	18.21681	18.3	18.2
10/14/2016 05:03:41	16.67706	16.68777	16.66266	762.2	762.2	762.2	18.21681	18.3	18.2
10/14/2016 05:08:41	16.67702	16.69921	16.66837	762.2	762.2	762.2	18.27647	18.4	18.2
10/14/2016 05:13:41	16.6777	16.69349	16.66837	762.2	762.2	762.2	18.33022	18.4	18.2
10/14/2016 05:18:41	16.6777	16.69349	16.66837	762.2	762.2	762.2	18.33022	18.4	18.2
10/14/2016 05:23:41	16.67751	16.68951	16.66439	762.2	762.2	762.2	18.37647	18.4	18.2
10/14/2016 05:28:41	16.67385	16.69921	16.65868	762.2	762.2	762.2	18.38318	18.4	18.3
10/14/2016 05:33:41	16.67251	16.68951	16.65868	762.2	762.2	762.2	18.42016	18.6	18.4
10/14/2016 05:38:41	16.67251	16.68951	16.65868	762.2	762.2	762.2	18.42016	18.6	18.4
10/14/2016 05:43:41	16.67737	16.68951	16.66439	762.2	762.2	762.2	18.43364	18.6	18.4
10/14/2016 05:48:41	16.67516	16.68951	16.66039	762.2	762.2	762.2	18.51933	18.6	18.4
10/14/2016 05:53:41	16.67516	16.68951	16.66039	762.2	762.2	762.2	18.51933	18.6	18.4
10/14/2016 05:58:41	16.67601	16.68951	16.66039	762.2	762.2	762.2	18.55294	18.6	18.4
10/14/2016 06:03:41	16.67368	16.68552	16.66039	762.2	762.2	762.2	18.61007	18.7	18.6
10/14/2016 06:08:41	16.67368	16.68552	16.66039	762.2	762.2	762.2	18.61007	18.7	18.6
10/14/2016 06:13:41	16.67589	16.68552	16.66611	762.2	762.2	762.2	18.62687	18.7	18.6
10/14/2016 06:18:41	16.67489	16.69131	16.65649	762.3	762.3	762.3	18.63362	18.7	18.6
10/14/2016 06:23:41	16.67489	16.69131	16.65649	762.3	762.3	762.3	18.63362	18.7	18.6
10/14/2016 06:28:41	16.67548	16.69703	16.65649	762.3	762.3	762.3	18.60672	18.7	18.6
10/14/2016 06:33:41	16.67548	16.69703	16.65649	762.3	762.3	762.3	18.60672	18.7	18.6
10/14/2016 06:38:41	16.67555	16.69131	16.66221	762.3	762.3	762.3	18.60673	18.7	18.6
10/14/2016 06:43:41	16.67591	16.69131	16.66221	762.28	762.3	762.2	18.58656	18.6	18.4
10/14/2016 06:48:41	16.67591	16.69131	16.66221	762.28	762.3	762.2	18.58656	18.6	18.4
10/14/2016 06:53:41	16.67436	16.68951	16.66221	762.218	762.3	762.2	18.553	18.6	18.4
10/14/2016 06:58:41	16.67716	16.68733	16.66221	762.3	762.3	762.3	18.55465	18.6	18.4
10/14/2016 07:03:41	16.67716	16.68733	16.66221	762.3	762.3	762.3	18.55465	18.6	18.4

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 07:08:41	16.67753	16.69304	16.66392	762.3	762.3	762.3	18.55965	18.6	18.4
10/14/2016 07:13:41	16.67753	16.69304	16.66392	762.3	762.3	762.3	18.53947	18.6	18.4
10/14/2016 07:18:41	16.67532	16.68733	16.66392	762.3	762.3	762.3	18.55636	18.7	18.4
10/14/2016 07:23:41	16.67667	16.69304	16.65822	762.3	762.3	762.3	18.564	18.7	18.4
10/14/2016 07:28:41	16.67575	16.68951	16.65822	762.2951	762.3	762.2	18.5798	18.6	18.4
10/14/2016 07:33:41	16.67595	16.68733	16.65822	762.3	762.3	762.3	18.59998	18.7	18.4
10/14/2016 07:38:41	16.67595	16.68733	16.65822	762.3	762.3	762.3	18.59998	18.7	18.4
10/14/2016 07:43:41	16.6773	16.68733	16.66792	762.3	762.3	762.3	18.59324	18.6	18.4
10/14/2016 07:48:41	16.67677	16.68733	16.66574	762.3051	762.4	762.3	18.5961	18.7	18.4
10/14/2016 07:53:41	16.6758	16.68912	16.66401	762.4	762.4	762.4	18.5966	18.7	18.4
10/14/2016 07:58:41	16.6758	16.68912	16.66401	762.4	762.4	762.4	18.5966	18.7	18.4
10/14/2016 08:03:41	16.675	16.68912	16.66003	762.4	762.4	762.4	18.5832	18.7	18.4
10/14/2016 08:08:41	16.67383	16.69266	16.65785	762.5	762.5	762.5	18.58658	18.7	18.4
10/14/2016 08:13:41	16.67383	16.69266	16.65785	762.5	762.5	762.5	18.58658	18.7	18.4
10/14/2016 08:18:41	16.67348	16.69266	16.65965	762.5442	762.6	762.5	18.61965	18.7	18.6
10/14/2016 08:23:41	16.67348	16.69266	16.65965	762.5442	762.6	762.5	18.61965	18.7	18.6
10/14/2016 08:28:41	16.67613	16.68822	16.66138	762.6	762.6	762.6	18.64959	18.7	18.6
10/14/2016 08:33:41	16.67613	16.68822	16.66138	762.6	762.6	762.6	18.64959	18.7	18.6
10/14/2016 08:38:41	16.6764	16.6883	16.6592	762.6966	762.7	762.6	18.70708	18.8	18.6
10/14/2016 08:43:41	16.6764	16.6883	16.6592	762.6966	762.7	762.6	18.70708	18.8	18.6
10/14/2016 08:48:41	16.6771	16.6883	16.66319	762.7	762.7	762.7	18.72049	18.8	18.6
10/14/2016 08:53:41	16.67565	16.6883	16.6592	762.7	762.7	762.7	18.77311	18.8	18.7
10/14/2016 08:58:41	16.67502	16.69174	16.66043	762.7009	762.8	762.7	18.78653	18.9	18.7
10/14/2016 09:03:41	16.67308	16.68603	16.65691	762.7	762.7	762.7	18.84706	18.9	18.8
10/14/2016 09:08:41	16.67308	16.68603	16.65691	762.7	762.7	762.7	18.84706	18.9	18.8
10/14/2016 09:13:41	16.67555	16.68726	16.66395	762.8492	762.9	762.8	18.91009	19	18.9
10/14/2016 09:18:41	16.67555	16.68726	16.66395	762.8492	762.9	762.8	18.91009	19	18.9
10/14/2016 09:23:41	16.67611	16.68908	16.66395	762.9	762.9	762.9	19.05947	19.2	18.9
10/14/2016 09:28:41	16.67546	16.68675	16.66346	762.9038	763	762.9	19.24989	19.3	19.2
10/14/2016 09:33:41	16.67546	16.68675	16.66346	762.9038	763	762.9	19.24989	19.3	19.2
10/14/2016 09:38:41	16.67596	16.69245	16.65592	762.9112	763	762.9	19.33305	19.5	19.3
10/14/2016 09:43:41	16.67366	16.7	16.65374	762.9976	763	762.9	19.39361	19.5	19.3
10/14/2016 09:48:41	16.67437	16.69379	16.65156	763.0986	763.1	763	19.59702	19.8	19.5

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 09:53:41	16.67437	16.69379	16.65156	763.0986	763.1	763	19.59702	19.8	19.5
10/14/2016 09:58:41	16.67437	16.68975	16.66055	763.1	763.1	763.1	19.7731	19.8	19.6
10/14/2016 10:03:41	16.67645	16.68809	16.66128	763.093	763.1	763	19.82014	19.9	19.8
10/14/2016 10:08:41	16.67665	16.69763	16.65374	763.0468	763.1	763	19.91681	20	19.8
10/14/2016 10:13:41	16.67679	16.68953	16.65868	763.0114	763.1	763	20.07714	20.1	19.9
10/14/2016 10:18:41	16.67679	16.68953	16.65868	763.0114	763.1	763	20.07714	20.1	19.9
10/14/2016 10:23:41	16.67415	16.68975	16.65487	763.0775	763.1	763	20.10954	20.2	20
10/14/2016 10:28:41	16.67521	16.68624	16.66055	763.0447	763.1	763	20.15045	20.2	20.1
10/14/2016 10:33:41	16.6739	16.68953	16.65704	763	763	763	20.45059	20.5	20.2
10/14/2016 10:38:41	16.6781	16.69194	16.66273	763	763	763	20.54989	20.6	20.5
10/14/2016 10:43:41	16.6781	16.69194	16.66273	763	763	763	20.54989	20.6	20.5
10/14/2016 10:48:41	16.67547	16.69928	16.65868	763	763	763	20.60708	20.7	20.5
10/14/2016 10:53:41	16.67411	16.70091	16.6603	763	763	763	20.71624	20.8	20.6
10/14/2016 10:58:41	16.67432	16.69116	16.65623	762.999	763	762.9	20.79325	21	20.7
10/14/2016 11:03:41	16.67814	16.69928	16.65868	763	763	763	20.98671	21.1	20.8
10/14/2016 11:08:41	16.67544	16.68953	16.65783	763	763	763	21.10033	21.2	21
10/14/2016 11:13:41	16.67299	16.68619	16.66098	763	763	763	21.14315	21.2	21.1
10/14/2016 11:18:41	16.67471	16.69029	16.65532	763	763	763	21.26335	21.4	21.2
10/14/2016 11:23:41	16.67631	16.70173	16.64972	762.9124	763	762.9	21.79312	21.9	21.7
10/14/2016 11:28:41	16.67631	16.70173	16.64972	762.9124	763	762.9	21.79312	21.9	21.7
10/14/2016 11:33:41	16.67595	16.69341	16.64556	762.902	763	762.9	22.15673	22.4	21.9
10/14/2016 11:38:41	16.67507	16.69456	16.65536	762.9179	763	762.9	22.57261	22.8	22.4
10/14/2016 11:43:41	16.6754	16.69149	16.65319	762.9788	763	762.9	22.92275	23.1	22.8
10/14/2016 11:48:41	16.67574	16.6991	16.65017	763.0091	763.1	763	23.56652	23.7	23.4
10/14/2016 11:53:41	16.67574	16.6991	16.65017	763.0091	763.1	763	23.56652	23.7	23.4
10/14/2016 11:58:41	16.67533	16.69608	16.65319	762.9613	763	762.9	24.08755	24.2	23.8
10/14/2016 12:03:41	16.67533	16.69608	16.65319	762.9613	763	762.9	24.08755	24.2	23.8
10/14/2016 12:08:41	16.67535	16.68931	16.65582	763	763	763	24.00074	24.1	23.8
10/14/2016 12:13:41	16.677	16.69108	16.65536	762.8843	763	762.8	23.73326	23.8	23.7
10/14/2016 12:18:41	16.67558	16.6941	16.65754	762.806	762.9	762.8	23.71311	23.8	23.7
10/14/2016 12:23:41	16.67516	16.69976	16.65754	762.8	762.8	762.8	23.75662	23.8	23.7
10/14/2016 12:28:41	16.67536	16.70088	16.64169	762.7871	762.8	762.7	23.77028	23.8	23.7
10/14/2016 12:33:41	16.67652	16.69629	16.65972	762.7	762.7	762.7	23.69641	23.8	23.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 12:38:41	16.67508	16.70072	16.64869	762.7	762.7	762.7	23.73643	23.8	23.7
10/14/2016 12:43:41	16.67414	16.70829	16.6445	762.6828	762.7	762.6	23.81007	24	23.7
10/14/2016 12:48:41	16.67492	16.69282	16.65972	762.6205	762.7	762.6	23.96986	24.1	23.8
10/14/2016 12:53:41	16.6726	16.69307	16.64668	762.5989	762.6	762.5	24.13978	24.2	24.1
10/14/2016 12:58:41	16.6726	16.69307	16.64668	762.5989	762.6	762.5	24.13978	24.2	24.1
10/14/2016 13:03:41	16.67658	16.69847	16.65312	762.4945	762.6	762.4	24.20336	24.3	24.2
10/14/2016 13:08:41	16.67658	16.69847	16.65312	762.4945	762.6	762.4	24.20336	24.3	24.2
10/14/2016 13:13:41	16.67559	16.69398	16.65522	762.3356	762.4	762.2	24.27027	24.4	24.2
10/14/2016 13:18:41	16.67317	16.69197	16.65176	762.2086	762.3	762.1	24.30952	24.4	24.2
10/14/2016 13:23:41	16.67317	16.69197	16.65176	762.2086	762.3	762.1	24.30952	24.4	24.2
10/14/2016 13:28:41	16.67611	16.70053	16.65635	761.8895	762	761.8	24.3535	24.4	24.2
10/14/2016 13:33:41	16.67611	16.70053	16.65635	761.8895	762	761.8	24.3535	24.4	24.2
10/14/2016 13:38:41	16.67614	16.69583	16.66134	761.7791	761.9	761.7	24.40336	24.6	24.3
10/14/2016 13:43:41	16.67483	16.69449	16.65785	761.7151	761.8	761.7	24.47961	24.6	24.4
10/14/2016 13:48:41	16.67545	16.69291	16.64935	761.7	761.7	761.7	24.73976	24.8	24.6
10/14/2016 13:53:41	16.67545	16.69291	16.64935	761.7	761.7	761.7	24.73976	24.8	24.6
10/14/2016 13:58:41	16.67699	16.69871	16.65922	761.6517	761.7	761.6	24.82969	24.9	24.7
10/14/2016 14:03:41	16.67655	16.69802	16.65153	761.6	761.6	761.6	25.21964	25.4	25
10/14/2016 14:08:41	16.67655	16.69802	16.65153	761.6	761.6	761.6	25.21964	25.4	25
10/14/2016 14:13:41	16.67525	16.69214	16.65123	761.598	761.6	761.5	25.34651	25.4	25.2
10/14/2016 14:18:41	16.67502	16.69729	16.65932	761.5215	761.6	761.5	25.44987	25.6	25.3
10/14/2016 14:23:41	16.67586	16.70601	16.65727	761.4191	761.5	761.4	25.7798	25.8	25.6
10/14/2016 14:28:41	16.67586	16.70601	16.65727	761.4191	761.5	761.4	25.7798	25.8	25.6
10/14/2016 14:33:41	16.67562	16.69299	16.66071	761.4	761.4	761.4	25.8697	26.1	25.8
10/14/2016 14:38:41	16.67395	16.69299	16.65636	761.4	761.4	761.4	26.15993	26.4	26.1
10/14/2016 14:43:41	16.67395	16.69299	16.65636	761.4	761.4	761.4	26.15993	26.4	26.1
10/14/2016 14:48:41	16.67544	16.69826	16.66163	761.3576	761.4	761.3	26.48989	26.6	26.4
10/14/2016 14:53:41	16.67544	16.69826	16.66163	761.3576	761.4	761.3	26.48989	26.6	26.4
10/14/2016 14:58:41	16.67313	16.70356	16.6525	761.3	761.3	761.3	26.7667	26.8	26.7
10/14/2016 15:03:41	16.67313	16.70356	16.6525	761.3	761.3	761.3	26.7667	26.8	26.7
10/14/2016 15:08:41	16.67397	16.69252	16.64476	761.3653	761.4	761.3	27.17342	27.3	27.1
10/14/2016 15:13:41	16.67397	16.69252	16.64476	761.3653	761.4	761.3	27.17342	27.3	27.1
10/14/2016 15:18:41	16.67338	16.68809	16.657	761.4262	761.5	761.4	27.41263	27.6	27.3

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 15:23:41	16.67418	16.68689	16.64585	761.5028	761.6	761.5	27.87287	28	27.8
10/14/2016 15:28:41	16.67418	16.68689	16.64585	761.5028	761.6	761.5	27.87287	28	27.8
10/14/2016 15:33:41	16.6747	16.6998	16.64572	761.5997	761.6	761.5	28.11038	28.2	27.9
10/14/2016 15:38:41	16.6747	16.6998	16.64572	761.5997	761.6	761.5	28.11038	28.2	27.9
10/14/2016 15:43:41	16.67553	16.70074	16.65508	761.5831	761.6	761.5	27.75452	28	27.4
10/14/2016 15:48:41	16.67621	16.69949	16.65106	761.5091	761.6	761.5	27.43294	27.6	27.4
10/14/2016 15:53:41	16.67839	16.70814	16.65418	761.5175	761.6	761.5	27.21985	27.3	27.2
10/14/2016 15:58:41	16.67839	16.70814	16.65418	761.5175	761.6	761.5	27.21985	27.3	27.2
10/14/2016 16:03:41	16.67612	16.69389	16.64735	761.4821	761.5	761.4	27.17979	27.2	27.1
10/14/2016 16:08:41	16.67356	16.71033	16.63617	761.4199	761.5	761.3	27.13701	27.2	27.1
10/14/2016 16:13:41	16.67407	16.69267	16.65171	761.3986	761.5	761.3	26.97728	27.1	26.8
10/14/2016 16:18:41	16.67449	16.69571	16.65477	761.3	761.3	761.3	26.76022	26.8	26.7
10/14/2016 16:23:41	16.67449	16.69571	16.65477	761.3	761.3	761.3	26.76022	26.8	26.7
10/14/2016 16:28:40	16.67408	16.69783	16.6405	761.3696	761.5	761.3	26.72992	26.8	26.6
10/14/2016 16:33:41	16.67471	16.69913	16.65604	761.3734	761.4	761.3	26.67309	26.7	26.5
10/14/2016 16:38:40	16.67316	16.69783	16.64221	761.4321	761.5	761.4	26.61704	26.7	26.5
10/14/2016 16:43:41	16.67595	16.70509	16.65	761.4023	761.5	761.3	26.38251	26.6	26.2
10/14/2016 16:48:40	16.67736	16.68958	16.65989	761.3899	761.4	761.3	26.19328	26.4	26.1
10/14/2016 16:53:41	16.67323	16.68824	16.65028	761.3879	761.4	761.3	25.98343	26.1	25.8
10/14/2016 16:58:41	16.67323	16.68824	16.65028	761.3879	761.4	761.3	25.98343	26.1	25.8
10/14/2016 17:03:40	16.67286	16.68838	16.65955	761.397	761.4	761.3	25.62377	25.9	25.4
10/14/2016 17:08:41	16.6754	16.69961	16.65318	761.2097	761.3	761.1	24.41033	24.7	24.2
10/14/2016 17:13:41	16.6754	16.69961	16.65318	761.2097	761.3	761.1	24.41033	24.7	24.2
10/14/2016 17:18:40	16.67264	16.69395	16.65318	761.1252	761.2	761.1	24.14671	24.3	23.8
10/14/2016 17:23:41	16.6748	16.68899	16.65606	761.0505	761.1	761	23.57301	23.8	23.4
10/14/2016 17:28:40	16.6748	16.68899	16.65606	761.0505	761.1	761	23.57301	23.8	23.4
10/14/2016 17:33:41	16.67636	16.6888	16.65786	760.901	761	760.9	23.05742	23.2	22.9
10/14/2016 17:38:40	16.67636	16.6888	16.65786	760.901	761	760.9	23.05742	23.2	22.9
10/14/2016 17:43:40	16.67741	16.68944	16.66199	760.8801	760.9	760.8	22.85351	22.9	22.8
10/14/2016 17:48:40	16.6747	16.68944	16.66199	760.8714	760.9	760.8	22.5764	22.8	22.4
10/14/2016 17:53:41	16.67233	16.68376	16.65065	760.8669	760.9	760.8	22.32384	22.5	22.2
10/14/2016 17:58:40	16.67354	16.6863	16.65695	760.8199	760.9	760.8	22.04082	22.2	21.8
10/14/2016 18:03:40	16.67453	16.69608	16.66298	760.8606	760.9	760.8	21.78375	21.9	21.6

Date and Time	Qvol Avg	Qvol max	Qvol min	Pa Avg	Pa Max	Pa Min	Tfilter Avg	Tfilter Max	Tfilter Min
10/14/2016 18:08:41	16.67622	16.6888	16.66298	760.8275	760.9	760.8	21.48641	21.7	21.3
10/14/2016 18:13:41	16.67758	16.69857	16.65948	760.8172	760.9	760.8	21.26316	21.6	21.1
10/14/2016 18:18:41	16.67465	16.69695	16.65978	760.8737	760.9	760.8	20.80294	21.1	20.7
10/14/2016 18:23:41	16.67465	16.69695	16.65978	760.8737	760.9	760.8	20.80294	21.1	20.7
10/14/2016 18:28:40	16.67566	16.69695	16.66035	760.8121	760.9	760.8	20.58714	20.7	20.5
10/14/2016 18:33:41	16.67403	16.69532	16.66035	760.8	760.8	760.8	20.15011	20.2	20.1
10/14/2016 18:38:41	16.67403	16.69532	16.66035	760.8	760.8	760.8	20.15011	20.2	20.1
10/14/2016 18:43:40	16.67318	16.68392	16.66278	760.8	760.8	760.8	19.96661	20.1	19.9
10/14/2016 18:48:41	16.67182	16.68631	16.65303	760.8657	760.9	760.8	19.61335	19.9	19.5
10/14/2016 18:53:40	16.67182	16.68631	16.65303	760.8657	760.9	760.8	19.61335	19.9	19.5
10/14/2016 18:58:40	16.67248	16.68743	16.65085	760.872	760.9	760.8	19.43673	19.5	19.3
10/14/2016 19:03:41	16.67431	16.69149	16.65085	760.9	760.9	760.9	19.21647	19.3	19.2
10/14/2016 19:08:40	16.67431	16.69149	16.65085	760.9	760.9	760.9	19.21647	19.3	19.2
10/14/2016 19:13:40	16.67657	16.69532	16.66223	760.8828	760.9	760.8	19.05038	19.2	18.9
10/14/2016 19:18:40	16.67493	16.69126	16.65628	760.8118	760.9	760.8	18.85323	18.9	18.8
10/14/2016 19:23:40	16.67493	16.69126	16.65628	760.8118	760.9	760.8	18.85323	18.9	18.8
10/14/2016 19:28:40	16.67615	16.6888	16.65571	760.8528	760.9	760.8	18.72658	18.8	18.6
10/14/2016 19:33:41	3.89736	16.69638	0	760.8988	760.9	760.8	18.66077	18.8	18.6

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
22.4006	22.5	22.3	0	0	0	1.59267	1.7	1.5	0.00657	0	0.00694	2.2E+08
22.89265	28.7	22.3	45.3968	156.9658	0	2.3468	3.5	0.7	0.0075	0	0.00694	2.2E+08
23.57718	24	23.1	0	0	0	3.61743	4.6	2.49999	0.0075	0	0.00694	2.2E+08
23.55234	23.7	23.2	0	0	0	3.78525	4.5	3.4	0.0075	0	0.00694	2.2E+08
23.55234	23.7	23.2	0	0	0	3.78525	4.5	3.4	0.0075	0	0.00694	2.2E+08
23.96712	24.3	23.6	0	0	0	2.83288	3.19999	2.49999	0.0075	0	0.00694	2.2E+08
23.65106	24.2	23.1	0	0	0	3.14221	3.69999	2.59999	0.0075	0	0.00694	2.2E+08
23.64161	23.9	23.4	0	0	0	3.10806	3.39999	2.8	0.0075	0	0.00694	2.2E+08
23.64161	23.9	23.4	0	0	0	3.10806	3.09999	2.69999	0.0075	0	0.00694	2.2E+08
23.87871	24	23.7	0	0	0	2.84429	3.09999	2.69999	0.06124	0.00452	0.06194	2.2E+08
23.90809	24.3	23.6	15.05157	15.18398	14.85148	3.20198	3.5	2.8	0.14462	0.05523	0.14555	2.2E+08
23.90809	24.3	23.6	15.05157	15.18398	14.85148	3.20198	3.5	2.8	0.228	0.00751	0.22861	2.2E+08
23.9691	24.4	23.4	15.13805	15.23939	15.01773	3.09469	3.69999	2.69999	0.31138	0.03533	0.31222	2.2E+08
24.26709	24.5	24	15.1984	15.29481	15.07315	2.78996	3.09999	2.49999	0.39475	0.00451	0.39555	2.2E+08
24.09728	24.5	23.8	15.25644	15.32252	15.15627	2.996	3.3	2.59999	0.47813	0.11824	0.47888	2.2E+08
24.09728	24.5	23.8	15.25644	15.32252	15.15627	2.996	3.3	2.59999	0.5615	0.04297	0.56194	2.2E+08
23.4187	23.7	23.1	15.3572	15.54418	15.21169	3.76118	4.1	3.4	0.64488	0.03524	0.64555	2.2E+08
23.4187	23.7	23.1	15.3572	15.54418	15.21169	3.76118	4.1	3.4	0.72826	0.01999	0.72861	2.2E+08
23.11885	23.3	22.8	15.21924	15.32252	15.10085	3.39579	3.99999	3.49999	0.81163	0	0.81222	2.2E+08
23.11885	23.3	22.8	15.21924	15.32252	15.10085	3.68987	3.79999	2.9	0.89501	0.05046	0.89555	2.2E+08
23.33826	23.6	23	15.17608	15.29481	14.99002	3.30404	3.79999	2.9	0.97837	0	0.97861	2.2E+08
23.02826	23.3	22.6	15.18706	15.29481	15.04544	3.5073	3.9	3.19999	1.06175	0.03511	1.06194	2.2E+08
22.66379	23	22.4	15.06496	15.18398	14.96232	3.27446	3.6	2.79999	1.14512	0.03511	1.14555	2.2E+08
22.66379	23	22.4	15.06496	15.18398	14.96232	3.27446	3.6	2.79999	1.2285	0.07033	1.22861	2.2E+08
22.88846	23.2	22.6	15.0075	15.07315	14.93461	2.60954	3.19999	2.19999	1.31187	0.02735	1.31194	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
22.62957	22.8	22.2	15.04255	15.12856	14.96232	2.75701	3.19999	2.59999	1.39524	0.05802	1.39555	2.2E+08
22.62957	22.8	22.2	15.04255	15.12856	14.96232	2.75701	3.19999	2.59999	1.47861	0.02741	1.47861	2.2E+08
22.81739	23.2	22.4	15.07884	15.18398	14.99002	2.55238	2.89999	2.19999	1.56198	0.10529	1.56194	2.2E+08
22.00542	22.4	21.5	15.22465	15.37794	14.99002	3.18387	3.79999	2.69999	1.64535	0	1.64555	2.2E+08
22.2542	22.5	22.1	15.08043	15.18398	14.96232	2.65585	2.9	2.39999	1.72872	0.01503	1.72888	2.2E+08
22.2542	22.5	22.1	15.08043	15.18398	14.96232	2.65585	2.9	2.39999	1.81209	0.03513	1.81194	2.2E+08
22.3249	22.6	21.9	15.06133	15.18398	14.99002	2.53483	2.99999	2.19999	1.89546	0.00995	1.89527	2.2E+08
21.88519	22.1	21.6	15.13819	15.23939	15.01773	2.89806	3.19999	2.69999	1.97883	0.07008	1.97888	2.2E+08
21.88519	22.1	21.6	15.13819	15.23939	15.01773	2.89806	3.19999	2.69999	2.0622	0.02526	2.06194	2.2E+08
21.91354	22.1	21.6	15.05526	15.18398	14.96232	2.80326	3.1	2.6	2.14558	0.01485	2.14527	2.2E+08
21.5665	21.9	21.4	15.05999	15.23939	14.9069	2.91207	3.3	2.39999	2.22895	0.03496	2.22861	2.2E+08
20.46317	21	20.1	15.04806	15.18398	14.96232	3.50205	4	3.1	2.31231	0.01466	2.31222	2.2E+08
20.46317	21	20.1	15.04806	15.18398	14.96232	3.50205	4	3.1	2.39569	0	2.39527	2.2E+08
20.41414	20.7	20.1	14.91313	15.01773	14.74065	2.89133	3.3	2.5	2.47908	0.01466	2.47861	2.2E+08
20.18121	20.4	19.8	14.89327	15.01773	14.74065	2.86782	2.9	2.39999	2.56246	0.06062	2.56222	2.2E+08
20.18257	20.4	20	14.79235	14.96232	14.65753	2.68053	2.9	2.39999	2.64584	0.03489	2.64527	2.2E+08
20.61694	20.7	20.1	14.6973	14.76836	14.60211	2.00839	2.69999	1.8	2.72922	0.0349	2.72861	2.2E+08
20.61006	20.7	20.4	14.63614	14.71295	14.51899	1.60671	1.8	1.4	2.81258	0.0124	2.81222	2.2E+08
20.61006	20.7	20.4	14.63614	14.71295	14.51899	1.60671	1.8	1.4	2.89594	0.06983	2.89527	2.2E+08
20.55105	20.7	20.4	14.65572	14.76836	14.54669	1.40524	1.8	1.19999	2.9793	0.04038	2.97861	2.2E+08
20.62345	20.7	20.4	14.60895	14.68524	14.46357	1.02623	1.3	0.69999	3.06267	0.02018	3.06222	2.2E+08
20.62345	20.7	20.4	14.60895	14.68524	14.46357	1.02623	1.3	0.69999	3.14605	0	3.14527	2.2E+08
20.41335	20.6	20.3	14.54503	14.65753	14.40816	0.9001	1.09999	0.6	3.22942	0.04038	3.22888	2.2E+08
20.41335	20.6	20.3	14.54503	14.65753	14.40816	0.9001	1.09999	0.6	3.31279	0	3.31194	2.2E+08
20.33504	20.6	20.1	14.6021	14.68524	14.46357	0.80458	1	0.5	3.39616	0.02708	3.39555	2.2E+08
20.33504	20.6	20.1	14.6021	14.68524	14.46357	0.80458	1	0.5	3.47953	0.04954	3.47861	2.2E+08
20.29672	20.4	20.1	14.63849	14.71295	14.54669	0.77643	0.9	0.49999	3.56291	0.0146	3.56194	2.2E+08
19.94574	20.1	19.7	14.66985	14.76836	14.54669	0.97509	1.19999	0.69999	3.64627	0.03479	3.64527	2.2E+08
19.68258	19.8	19.6	14.71246	14.79607	14.62982	1.08924	1.19999	0.99999	3.72964	0	3.72861	2.2E+08
19.40938	19.5	19.2	14.67205	14.79607	14.51899	1.15711	1.4	0.99999	3.813	0.04725	3.81222	2.2E+08
19.29535	19.5	19.1	14.67007	14.76836	14.54669	1.13749	1.4	0.99999	3.89637	0.02028	3.89555	2.2E+08
19.29535	19.5	19.1	14.67007	14.76836	14.54669	1.13749	1.4	0.99999	3.97972	0	3.97861	2.2E+08
18.9732	19	18.9	14.76082	14.85148	14.65753	1.11672	1.19999	0.99999	4.06307	0	4.06222	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.9732	19	18.9	14.76082	14.85148	14.65753	1.11672	1.4	0.89999	4.14644	0.03472	4.14527	2.2E+08
18.83693	18.9	18.6	14.80083	14.87919	14.71295	1.11211	1.4	0.89999	4.22981	0.05502	4.22861	2.2E+08
18.81614	18.9	18.6	14.80976	14.87919	14.71295	1.01339	1.19999	0.59999	4.31317	0.07534	4.31222	2.2E+08
18.76645	18.9	18.6	14.82371	14.9069	14.71295	0.91274	1.19999	0.59999	4.39654	0.09566	4.39527	2.2E+08
18.69869	18.9	18.6	14.77906	14.85148	14.71295	0.78058	1	0.39999	4.4799	0.07531	4.47861	2.2E+08
18.60011	18.8	18.4	14.84313	14.99002	14.76836	0.64693	0.8	0.4	4.56325	0.08365	4.56222	2.2E+08
18.60011	18.8	18.4	14.84313	14.99002	14.76836	0.64693	0.8	0.4	4.64662	0.01435	4.64527	2.2E+08
18.53358	18.6	18.4	14.89278	15.01773	14.79607	0.59929	0.69999	0.39999	4.73001	0.03464	4.72861	2.2E+08
18.38992	18.5	18.3	14.90167	14.99002	14.79607	0.45641	0.59999	0.29999	4.81337	0.00777	4.81222	2.2E+08
18.38992	18.5	18.3	14.90167	14.99002	14.79607	0.45641	0.59999	0.29999	4.89672	0	4.89527	2.2E+08
18.38995	18.4	18.3	14.95069	15.10085	14.85148	0.38651	0.49999	0.3	4.98007	0	4.97861	2.2E+08
18.3262	18.4	18.3	15.02064	15.10085	14.93461	0.36713	0.49999	0.19999	5.06344	0.03464	5.06194	2.2E+08
18.36711	18.4	18.3	15.03552	15.10085	14.93461	0.22621	0.4	0	5.14683	0.03464	5.14527	2.2E+08
18.43357	18.6	18.4	15.01922	15.12856	14.9069	0.03693	0.2	0	5.23021	0.03464	5.22888	2.2E+08
18.43357	18.6	18.4	15.01922	15.12856	14.9069	0.03693	0.2	0	5.31357	0.0221	5.31194	2.2E+08
18.42686	18.5	18.4	14.85927	14.96232	14.76836	0.17389	0.3	0	5.39692	0.02032	5.39555	2.2E+08
18.38993	18.4	18.3	14.85668	14.99002	14.76836	0.18657	0.3	0.1	5.48029	0	5.47888	2.2E+08
18.38993	18.4	18.3	14.85668	14.99002	14.76836	0.18657	0.3	0.1	5.56365	0	5.56194	2.2E+08
18.41674	18.5	18.3	14.85555	14.96232	14.76836	0.25698	0.4	0.1	5.64701	0.05501	5.64527	2.2E+08
18.43021	18.5	18.4	14.89754	15.01773	14.79607	0.34367	0.5	0.3	5.73038	0	5.72888	2.2E+08
18.43021	18.5	18.4	14.89754	15.01773	14.79607	0.34367	0.5	0.3	5.81373	0	5.81194	2.2E+08
18.31006	18.4	18.3	15.02438	15.15627	14.96232	0.27853	0.6	0.2	5.89708	0	5.89555	2.2E+08
18.31006	18.4	18.3	15.02438	15.15627	14.96232	0.27853	0.6	0.2	5.98043	0	5.97861	2.2E+08
18.13233	18.3	18	15.04386	15.12856	14.96232	0.26382	0.5	0	6.06379	0	6.06222	2.2E+08
18.13233	18.3	18	15.04386	15.12856	14.96232	0.26382	0.5	0	6.14716	0.00609	6.14527	2.2E+08
18.10926	18.3	18	15.0475	15.12856	14.93461	0.2589	0.5	0	6.23053	0.02643	6.22861	2.2E+08
18.08729	18.3	18	15.03435	15.10085	14.96232	0.28061	0.5	0	6.31388	0.0346	6.31194	2.2E+08
18.02551	18.2	18	15.04138	15.10085	14.93461	0.22888	0.4	0.2	6.39724	0.06921	6.39527	2.2E+08
17.95305	18	17.9	15.0754	15.18398	14.96232	0.24299	0.4	0.1	6.48061	0	6.47888	2.2E+08
17.90336	18	17.7	15.15078	15.2671	15.04544	0.22011	0.3	0.1	6.56396	0	6.56222	2.2E+08
17.90336	18	17.7	15.15078	15.2671	15.04544	0.22011	0.3	0.1	6.64731	0	6.64527	2.2E+08
17.88994	17.9	17.8	15.20316	15.2671	15.10085	0.25705	0.3	0.1	6.73066	0	6.72861	2.2E+08
17.87918	18	17.8	15.08761	15.21169	14.96232	0.28255	0.4	0.2	6.81402	0	6.81222	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.88657	17.9	17.7	15.08262	15.18398	14.96232	0.32276	0.4	0.1	6.8974	0.0346	6.89555	2.2E+08
17.88657	17.9	17.7	15.08262	15.18398	14.96232	0.32276	0.5	0.2	6.98076	0.0346	6.97861	2.2E+08
17.89596	18	17.8	15.10576	15.23939	15.01773	0.36913	0.5	0.2	7.06415	0.03458	7.06194	2.2E+08
17.88658	17.9	17.7	15.08607	15.18398	14.99002	0.38993	0.5	0.2	7.14753	0	7.14555	2.2E+08
17.88658	17.9	17.7	15.08607	15.18398	14.99002	0.38993	0.7	0.3	7.23091	0	7.22861	2.2E+08
17.89328	17.9	17.8	15.07211	15.18398	14.99002	0.4067	0.7	0.3	7.31429	0.08338	7.31194	2.2E+08
17.85985	17.9	17.7	15.06802	15.21169	14.96232	0.39344	0.7	0.2	7.39766	0.0268	7.39527	2.2E+08
17.75643	17.9	17.7	15.04897	15.15627	14.96232	0.33298	0.7	0.2	7.48103	0.0142	7.47861	2.2E+08
17.84299	17.9	17.7	14.99013	15.12856	14.93461	0.50002	0.7	0.3	7.56438	0.02038	7.56194	2.2E+08
17.87047	17.9	17.7	15.0025	15.10085	14.9069	0.57774	0.7	0.2	7.64774	0.04075	7.64527	2.2E+08
17.7866	17.9	17.7	15.02377	15.15627	14.93461	0.54295	0.7	0.3	7.7311	0.01421	7.72861	2.2E+08
17.75976	17.9	17.7	15.00823	15.10085	14.93461	0.53424	0.7	0.3	7.81445	0.02037	7.81194	2.2E+08
17.76044	17.9	17.7	15.01082	15.12856	14.9069	0.54023	0.7	0.3	7.89782	0.02038	7.89527	2.2E+08
17.73219	17.9	17.6	14.97174	15.07315	14.87919	0.54153	0.8	0.4	7.98117	0	7.97888	2.2E+08
17.74029	17.9	17.7	14.93837	15.01773	14.87919	0.55707	0.8	0.5	8.06453	0.02037	8.06222	2.2E+08
17.74029	17.9	17.7	14.93837	15.01773	14.87919	0.55707	0.8	0.5	8.14788	0.02037	8.14527	2.2E+08
17.69932	17.8	17.6	14.93299	15.01773	14.85148	0.5832	0.6	0.5	8.2313	0	8.22888	2.2E+08
17.69932	17.8	17.6	14.93299	15.01773	14.85148	0.5832	0.6	0.4	8.31474	0	8.31194	2.2E+08
17.67651	17.7	17.6	14.94527	15.01773	14.85148	0.56644	0.6	0.4	8.39817	0.02039	8.39527	2.2E+08
17.70268	17.8	17.6	14.95474	15.04544	14.87919	0.60268	0.7	0.5	8.48162	0	8.47888	2.2E+08
17.70268	17.8	17.6	14.95474	15.04544	14.87919	0.60268	0.7	0.5	8.56509	0	8.56194	2.2E+08
17.68657	17.8	17.6	14.9296	15.01773	14.85148	0.58995	0.8	0.5	8.64856	0	8.64555	2.2E+08
17.66381	17.7	17.6	14.92967	14.99002	14.85148	0.59671	0.8	0.5	8.73198	0.01263	8.72861	2.2E+08
17.36305	17.4	17.3	14.96215	15.04544	14.85148	0.30937	0.5	0.2	8.81541	0.0345	8.81222	2.2E+08
17.36305	17.4	17.3	14.96215	15.04544	14.85148	0.30937	0.5	0.2	8.89882	0	8.89527	2.2E+08
17.44028	17.6	17.3	14.93189	14.99002	14.85148	0.4234	0.7	0.2	8.98228	0.05492	8.97861	2.2E+08
17.28002	17.4	17.1	14.93199	14.99002	14.85148	0.276	0.4	0.1	9.0657	0	9.06194	2.2E+08
17.21602	17.3	17.1	14.94575	15.01773	14.85148	0.27578	0.4	0	9.14913	0.06895	9.14555	2.2E+08
17.15975	17.3	17.1	14.95233	15.01773	14.87919	0.24376	0.4	0	9.23255	0.03446	9.22861	2.2E+08
17.11345	17.2	17.1	14.959	15.04544	14.87919	0.21346	0.3	0.1	9.31598	0.03449	9.31194	2.2E+08
17.21941	17.3	17.1	14.9478	15.01773	14.87919	0.33277	0.5	0.2	9.39943	0	9.39527	2.2E+08
17.30402	17.4	17.2	14.95126	15.07315	14.87919	0.45366	0.6	0.4	9.48288	0	9.47861	2.2E+08
17.34962	17.4	17.3	14.96181	15.04544	14.9069	0.50328	0.6	0.4	9.56632	0.03453	9.56194	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.38856	17.6	17.3	15.00169	15.10085	14.87919	0.56238	0.7	0.4	9.64976	0.00627	9.64527	2.2E+08
17.42222	17.6	17.3	15.0364	15.15627	14.93461	0.62222	0.8	0.5	9.7332	0	9.72888	2.2E+08
17.31009	17.4	17.2	15.06368	15.15627	14.96232	0.52349	0.8	0.5	9.81665	0.03452	9.81222	2.2E+08
17.31009	17.4	17.2	15.06368	15.15627	14.96232	0.52349	0.7	0.4	9.9001	0.06901	9.89527	2.2E+08
17.2765	17.3	17.2	15.08628	15.23939	14.96232	0.50336	0.7	0.4	9.98356	0.00778	9.97861	2.2E+08
17.29329	17.3	17.1	15.10201	15.21169	14.99002	0.56587	0.7	0.3	10.06701	0	10.06222	2.2E+08
17.29329	17.3	17.1	15.10201	15.21169	14.99002	0.56587	0.7	0.3	10.15046	0.02041	10.14527	2.2E+08
17.31666	17.4	17.3	15.03727	15.12856	14.96232	0.62393	1.3	0.6	10.23392	0.05494	10.22888	2.2E+08
17.67157	17.9	17.4	14.95586	15.04544	14.85148	0.97775	1.3	0.6	10.31737	0	10.31194	2.2E+08
17.75706	17.9	17.7	14.97578	15.07315	14.87919	1.07447	1.4	0.9	10.40082	0.03454	10.39527	2.2E+08
17.67986	17.7	17.6	15.03766	15.15627	14.93461	0.93361	1.1	0.8	10.48427	0.02038	10.47888	2.2E+08
17.67986	17.7	17.6	15.03766	15.15627	14.93461	0.93361	1.1	0.7	10.56771	0.03454	10.56194	2.2E+08
17.647	17.7	17.6	15.04658	15.15627	14.93461	0.84699	1.1	0.7	10.65119	0	10.64527	2.2E+08
17.63683	17.7	17.6	15.07254	15.18398	14.96232	0.85026	1	0.8	10.73468	0.03456	10.72861	2.2E+08
17.647	17.7	17.6	15.08256	15.18398	14.99002	0.8303	0.9	0.7	10.81812	0.03454	10.81194	2.2E+08
17.63288	17.7	17.6	15.09579	15.18398	14.99002	0.81272	0.9	0.7	10.90157	0.01415	10.89555	2.2E+08
17.65362	17.7	17.6	15.10778	15.18398	14.96232	0.81663	0.9	0.7	10.98503	0.05495	10.97888	2.2E+08
17.65362	17.7	17.6	15.10778	15.18398	14.96232	0.81663	0.9	0.7	11.06849	0.03456	11.06194	2.2E+08
17.65701	17.7	17.6	15.1181	15.21169	15.01773	0.81747	0.9	0.7	11.15194	0	11.14555	2.2E+08
17.65643	17.7	17.6	15.13679	15.21169	15.01773	0.80337	0.9	0.7	11.23539	0.0691	11.22861	2.2E+08
17.63694	17.7	17.6	15.16563	15.2671	15.04544	0.77993	0.9	0.7	11.31883	0.05495	11.31222	2.2E+08
17.63694	17.7	17.6	15.16563	15.2671	15.04544	0.77993	0.9	0.7	11.40228	0.04233	11.39527	2.2E+08
17.64367	17.7	17.6	15.1726	15.2671	15.10085	0.78386	0.9	0.7	11.48572	0.03456	11.47861	2.2E+08
17.38188	17.6	17.3	15.2225	15.29481	15.10085	0.55234	0.8	0.4	11.56915	0.03449	11.56222	2.2E+08
17.38188	17.6	17.3	15.2225	15.29481	15.10085	0.55234	0.8	0.4	11.65258	0.06899	11.64527	2.2E+08
17.12885	17.3	17.1	15.25139	15.35023	15.18398	0.30872	0.5	0.2	11.73602	0	11.72888	2.2E+08
17.12885	17.3	17.1	15.25139	15.35023	15.18398	0.30872	0.5	0.2	11.81945	0.06899	11.81222	2.2E+08
17.09663	17.2	17	15.2544	15.32252	15.18398	0.30335	0.5	0.2	11.9029	0.00778	11.89527	2.2E+08
17.07982	17.2	17	15.23776	15.32252	15.12856	0.26975	0.4	0.2	11.98638	0.02043	11.97861	2.2E+08
17.05982	17.1	17	15.23061	15.29481	15.15627	0.25312	0.3	0.1	12.06987	0.02043	12.06222	2.2E+08
17.05031	17.1	17	15.22989	15.29481	15.12856	0.24695	0.3	0.1	12.15335	0.06895	12.14527	2.2E+08
17.04691	17.1	17	15.23345	15.29481	15.15627	0.23014	0.5	0.1	12.2368	0.04084	12.22888	2.2E+08
17.11411	17.3	17	15.25846	15.35023	15.18398	0.29137	0.5	0.1	12.32024	0.02041	12.31194	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.26303	17.3	17.1	15.22989	15.29481	15.15627	0.36035	0.4	0.2	12.40368	0.04861	12.39555	2.2E+08
17.26303	17.3	17.1	15.22989	15.29481	15.15627	0.36035	0.4	0.2	12.4871	0.03449	12.47861	2.2E+08
17.28321	17.3	17.2	15.21804	15.29481	15.10085	0.26314	0.4	0.1	12.57057	0	12.56222	2.2E+08
17.28321	17.3	17.2	15.21804	15.29481	15.10085	0.26314	0.4	0.1	12.65404	0.0345	12.64527	2.2E+08
17.28331	17.4	17.1	15.42029	15.57189	15.32252	0.15657	0.2	0	12.73749	0.01407	12.72888	2.2E+08
17.28331	17.4	17.1	15.42029	15.57189	15.32252	0.15657	0.2	0	12.82095	0.03448	12.81194	2.2E+08
17.01343	17.1	17	15.58035	15.71043	15.40565	0.14021	0.19999	0	12.9044	0	12.89555	2.2E+08
17.01343	17.1	17	15.58035	15.71043	15.40565	0.14021	0.19999	0.09999	12.98787	0.03448	12.97888	2.2E+08
17.00335	17.1	17	15.61958	15.71043	15.43335	0.1832	0.19999	0.09999	13.07136	0.03448	13.06194	2.2E+08
17.00002	17.1	16.8	15.54135	15.71043	15.40565	0.17982	0.4	0	13.15485	0	13.14555	2.2E+08
17.07041	17.1	17	15.64802	15.76585	15.51647	0.12622	0.19999	0	13.2383	0.02043	13.22888	2.2E+08
17.07041	17.1	17	15.64802	15.76585	15.51647	0.12622	0.19999	0	13.32176	0	13.31194	2.2E+08
17.09663	17.2	17	15.71934	15.82126	15.62731	0.13696	0.3	0	13.40522	0.02042	13.39555	2.2E+08
17.09663	17.2	17	15.71934	15.82126	15.62731	0.13696	0.3	0	13.48864	0.0345	13.47861	2.2E+08
17.19666	17.3	17.1	15.69936	15.79355	15.54418	0.09396	0.4	0	13.57212	0.01408	13.56194	2.2E+08
17.2832	17.4	17.2	15.65783	15.73814	15.48877	0.19997	0.3	0.09999	13.6556	0.00777	13.64555	2.2E+08
17.2832	17.4	17.2	15.65783	15.73814	15.48877	0.19997	0.3	0.09999	13.73907	0.03449	13.72861	2.2E+08
17.30339	17.4	17.1	15.68435	15.76585	15.5996	0.21339	0.4	0.09999	13.8225	0	13.81194	2.2E+08
17.60334	17.7	17.6	15.41256	15.57189	15.29481	0.00991	0.1	0	13.90596	0.00776	13.89555	2.2E+08
17.60334	17.7	17.6	15.41256	15.57189	15.29481	0.00991	0.1	0	13.9894	0.00777	13.97861	2.2E+08
17.67046	17.7	17.6	15.42421	15.57189	15.29481	0.07656	0.19999	0	14.07284	0.03456	14.06222	2.2E+08
17.67046	17.7	17.6	15.42421	15.57189	15.29481	0.07656	0.19999	0	14.15631	0.06269	14.14527	2.2E+08
17.75015	17.9	17.7	15.34324	15.48877	15.23939	0.17719	0.4	0	14.23975	0.05493	14.22888	2.2E+08
17.75015	17.9	17.7	15.34324	15.48877	15.23939	0.17719	0.4	0	14.32319	0.03456	14.31194	2.2E+08
17.85634	17.9	17.7	15.37244	15.54418	15.21169	0.2376	0.4	0.09999	14.40667	0	14.39555	2.2E+08
17.85634	17.9	17.7	15.37244	15.54418	15.21169	0.2376	0.4	0.09999	14.49012	0	14.47861	2.2E+08
17.83308	17.9	17.7	15.46227	15.62731	15.32252	0.30039	0.6	0.3	14.57359	0.02038	14.56194	2.2E+08
17.71989	17.9	17.6	15.45114	15.57189	15.35023	0.47676	0.6	0.3	14.65707	0	14.64527	2.2E+08
17.8604	17.9	17.7	15.38531	15.48877	15.29481	0.40321	0.5	0.3	14.74055	0.03456	14.72861	2.2E+08
17.73548	17.9	17.7	15.46572	15.54418	15.37794	0.63831	0.69999	0.39999	14.82399	0	14.81222	2.2E+08
17.73548	17.9	17.7	15.46572	15.54418	15.37794	0.63831	0.69999	0.39999	14.90744	0.0142	14.89527	2.2E+08
17.88992	17.9	17.8	15.43514	15.62731	15.32252	0.55706	0.8	0.49999	14.99088	0	14.97888	2.2E+08
17.88992	17.9	17.8	15.43514	15.62731	15.32252	0.55706	0.9	0.59999	15.07431	0.02038	15.06222	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.82604	17.9	17.7	15.43342	15.54418	15.35023	0.74708	0.9	0.59999	15.15776	0.05494	15.14555	2.2E+08
17.82604	17.9	17.7	15.43342	15.54418	15.35023	0.74708	0.9	0.59999	15.24119	0.06915	15.22861	2.2E+08
17.92017	18	17.9	15.41746	15.48877	15.32252	0.70322	0.8	0.59999	15.32462	0.01422	15.31222	2.2E+08
17.92017	18	17.9	15.41746	15.48877	15.32252	0.70322	0.8	0.59999	15.40806	0.0142	15.39527	2.2E+08
17.85966	17.9	17.7	15.43612	15.51647	15.35023	0.79409	1	0.69999	15.49152	0.03456	15.47888	2.2E+08
17.85966	17.9	17.7	15.43612	15.51647	15.35023	0.79409	1	0.69999	15.57495	0.03458	15.56194	2.2E+08
17.9765	18	17.9	15.39281	15.46106	15.2671	0.7301	0.89999	0.59999	15.65842	0	15.64555	2.2E+08
17.9765	18	17.9	15.39281	15.46106	15.2671	0.7301	0.89999	0.59999	15.74191	0	15.72861	2.2E+08
17.91274	18	17.9	15.39449	15.46106	15.29481	0.82408	0.89999	0.69999	15.82541	0	15.81194	2.2E+08
17.94687	18	17.9	15.36185	15.43335	15.2671	0.81613	0.89999	0.69999	15.90887	0.02034	15.89527	2.2E+08
18.10043	18.3	18	15.33396	15.43335	15.21169	0.66326	0.89999	0.4	15.99232	0.02037	15.97888	2.2E+08
17.9664	18	17.9	15.3457	15.43335	15.21169	0.84031	0.99999	0.69999	16.0758	0.03456	16.06222	2.2E+08
17.9664	18	17.9	15.3457	15.43335	15.21169	0.84031	0.99999	0.79999	16.15928	0.01419	16.14527	2.2E+08
17.97327	18	17.9	15.35512	15.43335	15.23939	0.84015	0.99999	0.79999	16.24273	0.03458	16.22861	2.2E+08
17.91007	18	17.9	15.28284	15.40565	15.15627	0.9402	0.99999	0.89999	16.32619	0	16.31222	2.2E+08
17.91007	18	17.9	15.28284	15.40565	15.15627	0.9402	0.99999	0.79999	16.40958	0.02037	16.39555	2.2E+08
17.95037	18	17.9	15.24779	15.35023	15.12856	0.89597	0.99999	0.79999	16.49278	0	16.47861	2.2E+08
17.95028	18	17.7	15.22814	15.32252	15.12856	0.90681	1.09999	0.79999	16.57599	0.04072	16.56194	2.2E+08
18.00333	18.2	17.9	15.30031	15.37794	15.21169	0.86038	0.99999	0.69999	16.65919	0.0346	16.64555	2.2E+08
18.00333	18.2	17.9	15.30031	15.37794	15.21169	0.86038	0.99999	0.69999	16.7424	0	16.72861	2.2E+08
17.96372	18	17.9	15.31722	15.43335	15.18398	0.90668	0.99999	0.79999	16.8256	0	16.81194	2.2E+08
17.97313	18	17.9	15.30655	15.40565	15.21169	0.8973	0.99999	0.79999	16.9088	0	16.89527	2.2E+08
17.9738	18	17.9	15.34632	15.43335	15.2671	0.87658	0.99999	0.79999	16.992	0	16.97889	2.2E+08
17.90672	18	17.8	15.34632	15.43335	15.2671	0.87658	1.09999	0.79999	17.07521	0	17.06222	2.2E+08
17.90672	18	17.8	15.36173	15.46106	15.23939	0.93629	1.09999	0.79999	17.15841	0	17.14527	2.2E+08
18.01007	18.2	17.9	15.27858	15.37794	15.18398	0.82016	0.89999	0.59999	17.24161	0	17.22889	2.2E+08
18.01007	18.2	17.9	15.27858	15.37794	15.18398	0.82016	0.99999	0.49999	17.32482	0.03459	17.31194	2.2E+08
18.01544	18.3	17.9	15.23684	15.35023	15.15627	0.80741	0.99999	0.49999	17.40802	0.03456	17.39527	2.2E+08
17.95629	18	17.9	15.28305	15.37794	15.18398	0.85715	0.99999	0.79999	17.49122	0.00612	17.47861	2.2E+08
17.99395	18.2	17.9	15.20074	15.29481	15.10085	0.79931	0.89999	0.59999	17.57443	0	17.56222	2.2E+08
17.99395	18.2	17.9	15.20074	15.29481	15.10085	0.79931	0.89999	0.59999	17.65763	0.03456	17.64527	2.2E+08
18.09709	18.3	17.9	15.127	15.23939	15.07315	0.69214	0.89999	0.49999	17.74084	0.13022	17.72889	2.2E+08
18.09709	18.3	17.9	15.127	15.23939	15.07315	0.69214	0.89999	0.49999	17.82404	0.00778	17.81194	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.22004	18.3	18	15.09626	15.18398	14.99002	0.55307	0.79999	0.4	17.90724	0	17.89527	2.2E+08
18.25971	18.3	18	15.07333	15.15627	14.99002	0.54041	0.79999	0.4	17.99045	0	17.97861	2.2E+08
18.28706	18.4	18.2	15.05523	15.12856	14.96232	0.53646	0.69999	0.39999	18.07365	0.02034	18.06222	2.2E+08
18.28706	18.4	18.2	15.05523	15.12856	14.96232	0.53646	0.69999	0.39999	18.15685	0.03461	18.14527	2.2E+08
18.32604	18.4	18.2	15.03428	15.12856	14.93461	0.53027	0.59999	0.39999	18.24005	0	18.22861	2.2E+08
18.50738	18.6	18.4	15.05136	15.12856	14.93461	0.37918	0.49999	0.29999	18.32326	0.08959	18.31222	2.2E+08
18.50738	18.6	18.4	15.05136	15.12856	14.93461	0.37918	0.49999	0.29999	18.40646	0.03462	18.39527	2.2E+08
18.63764	18.9	18.5	14.94871	15.07315	14.82377	0.31275	0.69999	0	18.48966	0.06925	18.47889	2.2E+08
18.63764	18.9	18.5	14.94871	15.07315	14.82377	0.31275	0.69999	0	18.57287	0	18.56194	2.2E+08
18.74987	18.9	18.6	14.86073	14.96232	14.76836	0.37615	0.6	0.09999	18.65607	0	18.64555	2.2E+08
18.91663	19	18.8	14.90082	15.01773	14.76836	0.32351	0.49999	0.19999	18.73927	0.03466	18.72889	2.2E+08
18.88318	19	18.6	14.8873	14.99002	14.76836	0.32351	0.69999	0.29999	18.82248	0	18.81222	2.2E+08
18.7361	18.9	18.6	14.90245	15.01773	14.76836	0.66039	0.9	0.39999	18.90568	0.01434	18.89555	2.2E+08
18.78097	18.9	18.6	14.85317	15.01773	14.74065	0.70221	0.9	0.49999	18.98888	0.03466	18.97889	2.2E+08
18.78097	18.9	18.6	14.85317	15.01773	14.74065	0.70221	0.9	0.49999	19.07209	0	19.06194	2.2E+08
18.86943	19.1	18.6	14.84278	14.96232	14.76836	0.8075	1.19999	0.59999	19.15529	0	19.14555	2.2E+08
18.86943	19.1	18.6	14.84278	14.96232	14.76836	0.8075	0.99999	0.4	19.23849	0	19.22861	2.2E+08
19.0257	19.2	18.8	14.82056	14.9069	14.71295	0.76086	0.99999	0.4	19.3217	0	19.31194	2.2E+08
19.16413	19.4	19	14.79117	14.87919	14.71295	0.65251	0.89999	0.39999	19.4049	0.03466	19.39527	2.2E+08
19.17887	19.5	19	14.77483	14.85148	14.71295	0.68479	0.89999	0.29999	19.4881	0	19.47861	2.2E+08
19.10962	19.2	19	14.62791	14.74065	14.54669	0.89354	1.09999	0.69999	19.5713	0.04892	19.56222	2.2E+08
19.10962	19.2	19	14.62791	14.74065	14.54669	0.89354	1.09999	0.69999	19.65451	0.02029	19.64527	2.2E+08
19.02519	19.2	18.9	14.58343	14.71295	14.49128	1.0553	1.19999	0.8	19.73771	0.02029	19.72861	2.2E+08
18.99712	19.2	18.9	14.70447	14.79607	14.5744	1.10959	1.19999	1	19.82091	0.02029	19.81222	2.2E+08
18.99712	19.2	18.9	14.70447	14.79607	14.5744	1.10959	1.19999	1	19.90412	0	19.89527	2.2E+08
19.05643	19.2	18.9	14.67761	14.79607	14.5744	1.05366	1.1	0.9	19.98732	0.03466	19.97861	2.2E+08
19.15425	19.2	19	14.61933	14.74065	14.51899	0.95919	1.1	0.9	20.07053	0	20.06194	2.2E+08
19.24029	19.4	19.1	14.60016	14.68524	14.49128	0.93349	1.1	0.8	20.15373	0	20.14555	2.2E+08
19.05947	19.2	18.9	14.59834	14.68524	14.51899	1.12706	1.3	1	20.23693	0.04906	20.22889	2.2E+08
19.05947	19.2	18.9	14.59834	14.68524	14.51899	1.12706	1.3	1	20.32014	0	20.31194	2.2E+08
19.60404	19.8	19.4	14.71674	14.79607	14.62982	0.73325	0.9	0.4	20.40334	0.02026	20.39555	2.2E+08
19.60404	19.8	19.4	14.71674	14.79607	14.62982	0.73325	0.9	0.4	20.48654	0.01447	20.47861	2.2E+08
19.4856	19.7	19.2	14.7481	14.85148	14.65753	1.00432	1.3	0.8	20.56975	0.06939	20.56194	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
19.36975	19.5	19.2	14.74903	14.85148	14.65753	1.2437	1.4	1.09999	20.65295	0	20.64555	2.2E+08
19.36975	19.5	19.2	14.74903	14.85148	14.65753	1.2437	1.4	1.09999	20.73615	0.03468	20.72861	2.2E+08
19.39994	19.6	19.2	14.73964	14.82377	14.65753	1.28375	1.59999	1	20.81935	0.02696	20.81194	2.2E+08
19.51321	19.7	19.2	14.70285	14.82377	14.5744	1.37376	1.8	1.19999	20.90256	0.03472	20.89555	2.2E+08
19.51321	19.7	19.2	14.70285	14.82377	14.5744	1.37376	1.8	1.19999	20.98576	0	20.97861	2.2E+08
19.61749	20	19.5	14.69742	14.79607	14.62982	1.49594	1.69999	1.09999	21.06896	0.02694	21.06222	2.2E+08
19.61749	20	19.5	14.69742	14.79607	14.62982	1.49594	1.69999	1.09999	21.15217	0.02026	21.14527	2.2E+08
19.65429	19.8	19.4	14.70247	14.79607	14.62982	1.54234	1.8	1.4	21.23537	0.02023	21.22889	2.2E+08
19.65429	19.8	19.4	14.70247	14.79607	14.62982	1.54234	1.69999	1.19999	21.31857	0.02908	21.31194	2.2E+08
19.81704	20.1	19.6	14.80897	14.93461	14.65753	1.45941	1.69999	1.19999	21.40178	0	21.39527	2.2E+08
19.94867	20.2	19.7	14.96941	15.07315	14.87919	1.44463	1.69999	1.09999	21.48499	0	21.47889	2.2E+08
19.94867	20.2	19.7	14.96941	15.07315	14.87919	1.44463	2.09999	1.59999	21.56819	0	21.56222	2.2E+08
19.69344	20	19.5	14.98261	15.07315	14.87919	1.85279	2.09999	1.59999	21.65139	0	21.64527	2.2E+08
20.0966	20.3	20	14.94609	15.04544	14.85148	1.54034	1.69999	1.3	21.73459	0	21.72889	2.2E+08
20.59123	20.7	20.4	14.98454	15.07315	14.9069	1.22558	1.39999	1	21.8178	0.03484	21.81222	2.2E+08
20.20447	20.6	20	15.0889	15.21169	14.93461	1.70539	1.99999	1.19999	21.901	0.00563	21.89555	2.2E+08
20.20447	20.6	20	15.0889	15.21169	14.93461	1.70539	1.99999	1.19999	21.9842	0.02022	21.97861	2.2E+08
20.11661	20.3	20	15.20548	15.35023	15.07315	2.02492	2.19999	1.69999	22.06741	0.01241	22.06194	2.2E+08
20.65173	21	20.3	15.20522	15.32252	15.10085	1.57834	1.9	1.39999	22.15061	0.02017	22.14555	2.2E+08
20.76922	20.9	20.6	15.22703	15.37794	15.07315	1.61465	1.9	1.39999	22.23382	0.02978	22.22861	2.2E+08
21.97795	22.5	21.5	15.32575	15.62731	15.23939	0.83665	1.39999	0.39999	22.31702	0.03305	22.31222	2.2E+08
21.97795	22.5	21.5	15.32575	15.62731	15.23939	0.83665	1.39999	0.39999	22.40023	0.08057	22.39527	2.2E+08
21.24197	21.5	20.8	15.66343	15.79355	15.43335	1.87868	2.4	1.59999	22.48343	0.02016	22.47861	2.2E+08
21.31237	22.2	20.6	15.77514	15.9598	15.40565	2.1356	2.69999	1.59999	22.56664	0.05004	22.56194	2.2E+08
21.60954	22.4	21	15.77696	15.90439	15.5996	2.17459	2.69999	1.59999	22.64984	0.03309	22.64527	2.2E+08
21.88663	22.5	21.4	15.86303	15.98751	15.76585	2.44037	3.09999	1.79999	22.73305	0.01482	22.72889	2.2E+08
21.88663	22.5	21.4	15.86303	15.98751	15.76585	2.44037	3.09999	1.79999	22.81625	0.02014	22.81194	2.2E+08
21.45818	21.9	21	15.85054	15.98751	15.71043	2.98214	3.59999	2.49999	22.89945	0.06992	22.89555	2.2E+08
21.45818	21.9	21	15.85054	15.98751	15.71043	2.98214	3.59999	2.49999	22.98266	0.0349	22.97861	2.2E+08
21.77776	22.4	21	15.75254	15.9598	15.54418	2.76843	3.59999	1.99999	23.06586	0.01487	23.06222	2.2E+08
21.77776	22.4	21	15.75254	15.9598	15.54418	2.76843	3.59999	1.99999	23.14906	0.0123	23.14527	2.2E+08
22.15507	22.6	21.8	15.84045	15.93209	15.76585	2.53126	2.8	2.1	23.23227	0.02513	23.22889	2.2E+08
22.15507	22.6	21.8	15.84045	15.93209	15.76585	2.53126	2.8	2.1	23.31548	0.04543	23.31194	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
21.75619	21.9	21.4	15.93556	16.07064	15.84897	3.0337	3.39999	2.8	23.39868	0.05508	23.39555	2.2E+08
21.67202	22	21.4	15.94731	16.07064	15.84897	3.06764	3.39999	2.59999	23.48188	0.04988	23.47889	2.2E+08
21.8522	22.5	21.5	15.92423	16.09834	15.76585	2.82109	3.19999	2.19999	23.56509	0.03501	23.56222	2.2E+08
21.8522	22.5	21.5	15.92423	16.09834	15.76585	2.82109	3.19999	2.19999	23.64829	0.00507	23.64527	2.2E+08
22.21197	22.6	21.9	15.88848	16.04293	15.76585	2.38462	2.69999	2	23.73149	0.03505	23.72861	2.2E+08
22.19132	22.5	21.5	16.02007	16.15376	15.84897	2.60577	3.39999	2.29999	23.8147	0.00777	23.81222	2.2E+08
22.19132	22.5	21.5	16.02007	16.15376	15.84897	2.60577	3.39999	2.29999	23.89791	0	23.89527	2.2E+08
21.44871	21.9	21.2	16.08535	16.18147	15.9598	3.30797	3.59999	2.69999	23.98112	0	23.97861	2.2E+08
21.33797	21.6	21	16.01984	16.15376	15.82126	3.14141	3.59999	2.79999	24.00373	0	24.00055	2.2E+08
21.86785	22.1	21.4	3.66579	16.04293	0	2.66967	3.19999	2.39999	24.00373	0	24.00055	2.2E+08
22.29005	23	21.9	0	0	0	1.99293	2.69999	1.39999	24.00373	0	24.00055	2.2E+08
21.93873	22.7	21.3	0	0	0	2.4682	3.3	1.59999	24.00373	0	24.00055	2.2E+08
22.56266	23.2	22.1	0	0	0	1.77412	2.3	1.09999	24.00373	0	24.00055	2.2E+08
21.68672	22.2	21.4	0	0	0	2.62	2.89999	2.09999	24.00373	0	24.00055	2.2E+08
21.85687	22.2	21.4	0	0	0	2.45005	2.99999	2.09999	24.00373	0	24.00055	2.2E+08
21.62353	22	21.4	0	0	0	2.72602	2.99999	2.29999	24.00373	0	24.00055	2.2E+08
21.55201	21.9	21.3	0	0	0	2.78835	2.99999	2.49999	24.00373	0	24.00055	2.2E+08
21.91546	22.1	21.6	0	0	0	2.44418	2.8	2.19999	24.00373	0	24.00055	2.2E+08
21.93542	22.4	21.6	0	0	0	2.43094	2.8	1.89999	24.00373	0	24.00055	2.2E+08
21.6463	22.1	21	0	0	0	2.71356	3.29999	2.29999	24.00373	0	24.00055	2.2E+08
21.80834	22.4	21	0	0	0	2.53468	2.39999	1.59999	24.00373	0	24.00055	2.2E+08
22.43995	22.7	21.9	0	0	0	1.90376	2.39999	1.59999	24.00373	0	24.00055	2.2E+08
22.16324	22.6	21.9	0	0	0	2.16298	2.49999	1.69999	24.00373	0	24.00055	2.2E+08
21.60514	22.4	21	0	0	0	2.71234	3.39999	1.8	24.00373	0	24.00055	2.2E+08
21.57487	21.9	21.3	0	0	0	2.71793	2.99999	2.39999	24.00373	0	24.00055	2.2E+08
21.74172	22.1	21.4	0	0	0	2.52216	2.8	2.19999	24.00373	0	24.00055	2.2E+08
21.86001	22.2	21.3	0	0	0	2.37292	2.9	2	24.00373	0	24.00055	2.2E+08
21.42978	21.9	21	0	0	0	2.65696	3.09999	2.09999	24.00373	0	24.00055	2.2E+08
21.44101	21.9	21	0	0	0	2.61527	3.09999	2.19999	24.00373	0	24.00055	2.2E+08
21.42379	21.8	21	0	0	0	2.43472	3.09999	1.99999	24.00373	0	24.00055	2.2E+08
21.42379	21.8	21	0	0	0	2.43472	3.09999	1.99999	24.00373	0	24.00055	2.2E+08
21.2843	21.6	21	0	0	0	2.46277	2.79999	2.1	24.00373	0	24.00055	2.2E+08
21.18497	21.5	20.9	0	0	0	2.50492	2.8	2.09999	0.06069	0.05514	0.06166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
21.51744	22	21	11.9566	17.34521	0	2.03726	2.69999	1.49999	0.14407	0.03505	0.145	2.2E+08
21.49039	21.9	20.9	17.15817	17.28979	16.985	1.90224	2.49999	1.3	0.22744	0.06995	0.22833	2.2E+08
21.58526	21.9	21	17.13472	17.28979	16.95729	1.64498	2.19999	1.3	0.31081	0.03494	0.31166	2.2E+08
20.96094	21.3	20.8	17.24662	17.3175	17.15125	2.21235	2.4	1.9	0.39419	0	0.395	2.2E+08
20.7121	20.9	20.4	17.24146	17.3175	17.15125	2.3612	2.69999	2.19999	0.47757	0.03495	0.47833	2.2E+08
20.82918	21	20.6	17.27411	17.34521	17.17896	1.99368	2.19999	1.79999	0.56094	0.02018	0.56194	2.2E+08
20.82918	21	20.6	17.27411	17.34521	17.17896	1.99368	2.19999	1.79999	0.64431	0.04954	0.645	2.2E+08
20.52402	20.7	20.3	17.25681	17.37291	17.15125	2.04616	2.19999	1.59999	0.72769	0.03491	0.72861	2.2E+08
20.66325	20.9	20.4	17.20477	17.28979	17.12354	1.5865	1.89999	1.3	0.81107	0.03495	0.81194	2.2E+08
20.66325	20.9	20.4	17.20477	17.28979	17.12354	1.5865	1.89999	1.3	0.89443	0.00777	0.895	2.2E+08
20.80289	20.9	20.6	17.13078	17.23437	16.985	1.26995	1.5	0.99999	0.97781	0.03491	0.97833	2.2E+08
20.61659	20.7	20.4	17.06347	17.17896	16.92958	1.22979	1.49999	1.1	1.06117	0.01466	1.06194	2.2E+08
20.41119	20.6	20.2	17.10736	17.17896	17.04041	1.31184	1.5	0.99999	1.14455	0.03489	1.14527	2.2E+08
20.27691	20.4	20.1	17.08243	17.20666	16.985	1.24705	1.5	0.99999	1.22791	0.04038	1.22833	2.2E+08
20.47133	20.6	20.3	17.03452	17.12354	16.95729	0.89545	1.1	0.6	1.31127	0.05509	1.31194	2.2E+08
20.35537	20.6	20.1	17.0849	17.17896	16.985	0.88161	1.1	0.6	1.39466	0	1.395	2.2E+08
20.11629	20.3	20	17.12485	17.23437	17.01271	1.03346	1.19999	0.9	1.47803	0.02023	1.47833	2.2E+08
19.89644	20	19.7	17.1522	17.26208	17.06812	1.16651	1.4	0.99999	1.56139	0.02023	1.56166	2.2E+08
19.71683	20	19.6	17.21105	17.28979	17.06812	1.1054	1.4	0.79999	1.64476	0.06958	1.645	2.2E+08
19.5565	19.6	19.4	17.21173	17.3175	17.09583	1.01344	1.1	0.9	1.72814	0.027	1.72861	2.2E+08
19.5565	19.6	19.4	17.21173	17.3175	17.09583	1.01344	1.1	0.9	1.81151	0.06954	1.81166	2.2E+08
19.43025	19.5	19.4	17.21162	17.28979	17.06812	1.02937	1.19999	0.69999	1.89487	0	1.895	2.2E+08
19.44368	19.6	19.4	17.21931	17.3175	17.12354	0.74284	0.8	0.59999	1.97823	0	1.97833	2.2E+08
19.19666	19.4	19	17.25983	17.34521	17.17896	0.76593	0.99999	0.49999	2.06158	0.03476	2.06194	2.2E+08
19.14663	19.2	19	17.28296	17.34521	17.17896	0.7132	0.8	0.59999	2.14494	0.00586	2.14527	2.2E+08
19.14663	19.2	19	17.28296	17.34521	17.17896	0.7132	0.8	0.59999	2.22833	0.03472	2.22833	2.2E+08
18.99327	19	18.9	17.31078	17.40062	17.23437	0.74335	0.89999	0.49999	2.3117	0.03474	2.31166	2.2E+08
18.78298	19	18.6	17.29912	17.37291	17.20666	0.63319	0.9	0.29999	2.39507	0.03468	2.39527	2.2E+08
18.78298	19	18.6	17.29912	17.37291	17.20666	0.63319	0.9	0.29999	2.47845	0	2.47833	2.2E+08
18.63362	18.9	18.5	17.36457	17.42833	17.28979	0.57917	0.69999	0.09999	2.56185	0.0694	2.56194	2.2E+08
18.63362	18.9	18.5	17.36457	17.42833	17.28979	0.57917	0.6	0.3	2.64524	0.03468	2.645	2.2E+08
18.6303	18.9	18.6	17.37578	17.48374	17.28979	0.43583	0.6	0.3	2.72865	0.03468	2.72833	2.2E+08
18.58992	18.6	18.5	17.42199	17.51145	17.37291	0.34031	0.6	0.3	2.81204	0.03465	2.81166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Ti	Filter ID
18.5532	18.6	18.4	17.41701	17.51145	17.34521	0.31679	0.49999	0.19999	2.8954	0	2.895	2.2E+08
18.38679	18.4	18.3	17.44279	17.51145	17.37291	0.30672	0.4	0.19999	2.97875	0.02034	2.97861	2.2E+08
18.3262	18.4	18.3	17.47181	17.59458	17.37291	0.27042	0.4	0.09999	3.0621	0	3.06194	2.2E+08
18.3262	18.4	18.3	17.47181	17.59458	17.37291	0.27042	0.4	0.09999	3.14546	0	3.145	2.2E+08
18.23297	18.3	18	17.47802	17.59458	17.40062	0.2666	0.59999	0.09999	3.22882	0.0346	3.22833	2.2E+08
18.09288	18.3	18	17.41811	17.51145	17.3175	0.29702	0.59999	0.09999	3.31218	0.0285	3.31166	2.2E+08
18.05717	18.3	18	17.40995	17.48374	17.34521	0.24191	0.39999	0	3.39555	0.02643	3.395	2.2E+08
18.17305	18.3	18	17.39504	17.45604	17.3175	0.11748	0.2	0	3.47891	0	3.47861	2.2E+08
18.17305	18.3	18	17.39504	17.45604	17.3175	0.11748	0.2	0	3.56227	0.06922	3.56166	2.2E+08
18.2199	18.3	18	17.36374	17.42833	17.23437	0.19366	0.5	0.09999	3.64564	0.06149	3.64527	2.2E+08
18.2199	18.3	18	17.36374	17.42833	17.23437	0.19366	0.5	0.09999	3.72904	0.03464	3.72833	2.2E+08
18.28967	18.4	18.2	17.27213	17.40062	17.15125	0.46277	0.6	0.3	3.81241	0.03464	3.81194	2.2E+08
18.28967	18.4	18.2	17.27213	17.40062	17.15125	0.46277	0.6	0.3	3.8958	0	3.895	2.2E+08
18.29663	18.4	18.2	17.17969	17.26208	17.09583	0.50671	0.6	0.4	3.97915	0.03461	3.97861	2.2E+08
18.29663	18.4	18.2	17.17969	17.26208	17.09583	0.50671	0.6	0.2	4.06251	0	4.06194	2.2E+08
18.07197	18.3	18	17.25915	17.37291	17.12354	0.30472	0.6	0.2	4.14588	0.04881	4.145	2.2E+08
17.97646	18	17.9	17.27305	17.34521	17.15125	0.25961	0.3	0.1	4.22923	0.06919	4.22861	2.2E+08
17.97646	18	17.9	17.27305	17.34521	17.15125	0.25961	0.3	0.1	4.31259	0.02037	4.31166	2.2E+08
17.96298	18	17.9	17.29707	17.37291	17.20666	0.28652	0.4	0.2	4.39595	0.03458	4.395	2.2E+08
17.91682	18	17.9	17.35944	17.42833	17.26208	0.28992	0.4	0.2	4.4793	0	4.47861	2.2E+08
17.91682	18	17.9	17.35944	17.42833	17.26208	0.28992	0.4	0.2	4.56266	0	4.56194	2.2E+08
17.92016	18	17.9	17.35057	17.45604	17.23437	0.32353	0.4	0.2	4.64602	0.02037	4.645	2.2E+08
17.90335	18	17.8	17.32954	17.40062	17.23437	0.32016	0.4	0.2	4.72938	0.02681	4.72833	2.2E+08
17.9	17.9	17.9	17.42118	17.48374	17.34521	0.37041	0.4	0.3	4.81273	0.00777	4.81194	2.2E+08
17.85289	18	17.7	17.48042	17.56687	17.40062	0.34034	0.5	0.2	4.89608	0	4.89527	2.2E+08
17.89327	18	17.7	17.46906	17.56687	17.37291	0.40672	0.5	0.2	4.97943	0.03461	4.97861	2.2E+08
17.89327	18	17.7	17.46906	17.56687	17.37291	0.40672	0.5	0.4	5.06278	0.00777	5.06194	2.2E+08
17.90673	18	17.8	17.42939	17.48374	17.37291	0.42934	0.5	0.4	5.14614	0	5.145	2.2E+08
17.90672	18	17.9	17.39501	17.45604	17.3175	0.43361	0.5	0.4	5.22949	0.03458	5.22833	2.2E+08
17.91344	18	17.9	17.41276	17.51145	17.3175	0.48073	0.7	0.4	5.31284	0.03458	5.31194	2.2E+08
17.90336	18	17.9	17.44047	17.51145	17.34521	0.54241	0.7	0.4	5.39619	0.02037	5.395	2.2E+08
17.88679	18	17.7	17.48818	17.59458	17.40062	0.57495	0.8	0.3	5.47956	0.03456	5.47833	2.2E+08
17.90001	18	17.8	17.38532	17.48374	17.28979	0.64483	0.8	0.4	5.56294	0.03458	5.56194	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.83633	17.9	17.7	17.41003	17.51145	17.3175	0.61279	0.7	0.4	5.6463	0.02037	5.64527	2.2E+08
17.83633	17.9	17.7	17.41003	17.51145	17.3175	0.61279	0.7	0.4	5.72967	0	5.72833	2.2E+08
17.77983	17.9	17.7	17.41067	17.45604	17.34521	0.54282	0.7	0.3	5.81303	0.03456	5.81166	2.2E+08
17.8	17.9	17.7	17.42458	17.48374	17.34521	0.58318	0.8	0.3	5.89639	0	5.89527	2.2E+08
17.8	17.9	17.7	17.42458	17.48374	17.34521	0.58318	0.8	0.3	5.97974	0.03456	5.97833	2.2E+08
17.69664	17.8	17.6	17.3656	17.42833	17.26208	0.53609	0.6	0.4	6.0631	0	6.06194	2.2E+08
17.69664	17.8	17.6	17.3656	17.42833	17.26208	0.53609	0.6	0.4	6.14646	0	6.145	2.2E+08
17.65989	17.7	17.6	17.38817	17.48374	17.3175	0.50294	0.6	0.4	6.22982	0.02038	6.22833	2.2E+08
17.66055	17.7	17.6	17.41132	17.48374	17.34521	0.49662	0.6	0.4	6.31318	0.03456	6.31166	2.2E+08
17.61277	17.7	17.6	17.49512	17.59458	17.42833	0.5094	0.6	0.4	6.39653	0.03454	6.39527	2.2E+08
17.61277	17.7	17.6	17.49512	17.59458	17.42833	0.5094	0.6	0.4	6.47988	0	6.47833	2.2E+08
17.61345	17.7	17.6	17.45564	17.56687	17.37291	0.5128	0.6	0.4	6.56325	0.03456	6.56166	2.2E+08
17.62409	17.7	17.4	17.442	17.53916	17.37291	0.57121	0.8	0.3	6.64661	0.00627	6.64527	2.2E+08
17.62409	17.7	17.4	17.442	17.53916	17.37291	0.57121	0.8	0.3	6.72997	0.0345	6.72833	2.2E+08
17.43898	17.6	17.3	17.46268	17.59458	17.3175	0.40579	0.6	0.2	6.81334	0.07683	6.81166	2.2E+08
17.44374	17.6	17.3	17.43948	17.53916	17.34521	0.44013	0.7	0.3	6.89669	0	6.89527	2.2E+08
17.45864	17.6	17.3	17.42665	17.53916	17.3175	0.50147	0.7	0.3	6.98004	0	6.97833	2.2E+08
17.5879	17.7	17.4	17.50372	17.62229	17.37291	0.65828	0.8	0.3	7.06339	0.03454	7.06194	2.2E+08
17.5879	17.7	17.4	17.50372	17.62229	17.37291	0.65828	0.8	0.3	7.14677	0	7.145	2.2E+08
17.67039	17.7	17.6	17.55401	17.7054	17.42833	0.77401	0.9	0.7	7.23013	0.03456	7.22861	2.2E+08
17.67039	17.7	17.6	17.55401	17.7054	17.42833	0.77401	0.9	0.7	7.3135	0	7.31166	2.2E+08
17.67309	17.7	17.6	17.55339	17.6777	17.42833	0.7832	0.9	0.7	7.39686	0.04882	7.395	2.2E+08
17.8493	18	17.7	17.53661	17.6777	17.42833	0.9493	1.1	0.8	7.48022	0	7.47861	2.2E+08
17.66325	17.7	17.6	17.54245	17.6777	17.42833	0.74671	0.8	0.6	7.56358	0	7.56194	2.2E+08
17.66325	17.7	17.6	17.54245	17.6777	17.42833	0.74671	0.8	0.6	7.64693	0.00778	7.645	2.2E+08
17.47898	17.7	17.3	17.60229	17.76082	17.45604	0.56889	0.8	0.4	7.7303	0	7.72833	2.2E+08
17.28655	17.4	17.2	17.68632	17.81624	17.45604	0.38655	0.5	0.3	7.81367	0	7.81194	2.2E+08
17.28655	17.4	17.2	17.68632	17.81624	17.45604	0.38655	0.5	0.3	7.89704	0	7.895	2.2E+08
17.19298	17.3	17.1	17.70958	17.81624	17.59458	0.30978	0.4	0.1	7.98039	0.02041	7.97861	2.2E+08
17.19298	17.3	17.1	17.70958	17.81624	17.59458	0.30978	0.3	0.1	8.06374	0.03449	8.06194	2.2E+08
17.09998	17.2	17	17.72559	17.87166	17.51145	0.21991	0.3	0.1	8.1471	0.02044	8.145	2.2E+08
17.04643	17.1	17	17.77862	17.87166	17.6777	0.18683	0.3	0.1	8.23049	0.01405	8.22861	2.2E+08
17.03337	17.1	17	17.75335	17.87166	17.62229	0.20708	0.3	0.1	8.31394	0.02671	8.31166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.06359	17.2	16.8	17.74067	17.84395	17.59458	0.26697	0.5	0.09999	8.39739	0	8.395	2.2E+08
17.12755	17.3	17	17.70334	17.81624	17.53916	0.37411	0.6	0.2	8.48083	0.02042	8.47861	2.2E+08
17.18015	17.3	17.1	17.7547	17.84395	17.62229	0.51285	0.8	0.3	8.56427	0.04857	8.56194	2.2E+08
17.18015	17.3	17.1	17.7547	17.84395	17.62229	0.51285	0.8	0.3	8.64771	0.04226	8.645	2.2E+08
17.15584	17.3	17.1	17.78123	17.89937	17.64999	0.53901	0.7	0.3	8.73116	0	8.72833	2.2E+08
17.08991	17.1	17	17.82471	17.89937	17.73311	0.54037	0.6	0.4	8.81459	0.0345	8.81194	2.2E+08
17.08991	17.1	17	17.84366	17.89937	17.73311	0.55319	0.6	0.4	8.89802	0.03448	8.895	2.2E+08
17.15665	17.3	17	17.84656	17.92707	17.64999	0.6129	0.8	0.4	8.98146	0.06269	8.97861	2.2E+08
17.15665	17.3	17	17.84656	17.92707	17.64999	0.6129	0.7	0.5	9.06494	0.0345	9.06194	2.2E+08
17.13367	17.2	17.1	17.78921	17.87166	17.7054	0.59665	0.7	0.5	9.14841	0	9.145	2.2E+08
17.15694	17.3	17.1	17.7721	17.84395	17.6777	0.65022	0.8	0.5	9.23186	0	9.22833	2.2E+08
17.12687	17.3	17.1	17.73134	17.81624	17.59458	0.62688	0.8	0.6	9.3153	0.0345	9.31194	2.2E+08
17.12687	17.3	17.1	17.73134	17.81624	17.59458	0.62688	0.8	0.5	9.39872	0.03448	9.39527	2.2E+08
17.0969	17.2	17	17.72976	17.81624	17.64999	0.63971	0.8	0.5	9.48217	0	9.47833	2.2E+08
17.02355	17.1	17	17.7572	17.87166	17.64999	0.63769	0.9	0.5	9.56561	0.08942	9.56194	2.2E+08
17.07	17.1	17	17.74453	17.81624	17.64999	0.73324	0.9	0.5	9.64905	0.0345	9.645	2.2E+08
17.09324	17.2	17	17.72601	17.81624	17.64999	0.82352	0.9	0.7	9.73249	0.0345	9.72861	2.2E+08
17.09324	17.2	17	17.72601	17.81624	17.64999	0.82352	1	0.8	9.81594	0.0345	9.81166	2.2E+08
17.10673	17.2	17.1	17.73124	17.81624	17.64999	0.867	1	0.8	9.89939	0	9.895	2.2E+08
17.09059	17.1	17	17.72593	17.78853	17.64999	0.86705	0.9	0.7	9.98285	0.03449	9.97833	2.2E+08
17.10335	17.2	17	17.70725	17.78853	17.64999	0.88718	1	0.8	10.0663	0.02818	10.06166	2.2E+08
17.09999	17.2	17	17.72193	17.78853	17.64999	0.89662	1	0.7	10.14973	0.01406	10.14527	2.2E+08
17.09999	17.2	17	17.72193	17.78853	17.64999	0.89662	1	0.7	10.23316	0.04088	10.22833	2.2E+08
16.94615	17.1	16.7	17.74459	17.84395	17.62229	0.76911	1	0.4	10.31659	0.06886	10.31166	2.2E+08
16.80907	17	16.7	17.76256	17.89937	17.6777	0.63203	0.7	0.4	10.40005	0.02046	10.395	2.2E+08
16.66635	16.7	16.6	17.83498	17.92707	17.73311	0.55047	0.7	0.4	10.48353	0	10.47861	2.2E+08
16.66635	16.7	16.6	17.83498	17.92707	17.73311	0.55047	0.7	0.4	10.56701	0.02046	10.56166	2.2E+08
16.65655	16.7	16.6	17.87035	17.98248	17.76082	0.64643	0.8	0.4	10.6505	0	10.64527	2.2E+08
16.62694	16.7	16.6	17.90181	17.98248	17.81624	0.65697	0.8	0.4	10.73397	0	10.72833	2.2E+08
16.59298	16.7	16.5	17.92491	18.01019	17.81624	0.64919	0.8	0.4	10.81743	0.03444	10.81166	2.2E+08
16.91545	17	16.7	17.88854	17.98248	17.81624	1.01209	1.2	0.8	10.90087	0.02045	10.89527	2.2E+08
16.91545	17	16.7	17.88854	17.98248	17.81624	1.01209	1.2	0.8	10.98432	0.03445	10.97833	2.2E+08
17.05688	17.2	17	17.96212	18.06561	17.87166	1.10801	1.3	0.9	11.06778	0.0345	11.06194	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Ti	Filter ID
17.05688	17.2	17	17.96212	18.06561	17.87166	1.10801	1.3	0.9	11.15125	0.02041	11.145	2.2E+08
17.14371	17.3	17.1	18.0182	18.09332	17.92707	1.0077	1.2	0.9	11.23472	0	11.22833	2.2E+08
17.40668	17.6	17.2	17.99339	18.09332	17.89937	1.19324	1.4	1	11.31815	0	11.31166	2.2E+08
17.57647	17.7	17.4	17.91786	18.01019	17.78853	1.14916	1.3	0.9	11.4016	0	11.39527	2.2E+08
17.61343	17.7	17.4	17.90785	18.0379	17.81624	1.0801	1.2	0.9	11.48507	0	11.47861	2.2E+08
17.61343	17.7	17.4	17.90785	18.0379	17.81624	1.0801	1.2	0.9	11.56854	0.03456	11.56166	2.2E+08
17.61279	17.7	17.4	17.95373	18.0379	17.87166	0.8801	0.9	0.5	11.65198	0.03454	11.64527	2.2E+08
17.60336	17.7	17.4	18.06799	18.17644	17.87166	0.74307	0.9	0.5	11.73545	0	11.72833	2.2E+08
17.66027	17.7	17.6	18.1197	18.17644	18.0379	0.55963	0.7	0.4	11.8189	0.05495	11.81194	2.2E+08
17.66027	17.7	17.6	18.1197	18.17644	18.0379	0.55963	0.7	0.4	11.90234	0.03454	11.895	2.2E+08
17.62592	17.7	17.6	18.12544	18.23186	18.0379	0.44542	0.6	0.2	11.98581	0	11.97833	2.2E+08
17.58315	17.7	17.4	18.17981	18.23186	18.09332	0.11687	0.4	0	12.06928	0.03456	12.06194	2.2E+08
17.58315	17.7	17.4	18.17981	18.23186	18.09332	0.11687	0.4	0	12.15273	0.03458	12.145	2.2E+08
17.66326	17.7	17.6	18.19175	18.25957	18.12103	0.09283	0.2	0	12.23616	0	12.22861	2.2E+08
17.53008	17.6	17.3	18.18593	18.28728	18.09332	0.08673	0.3	0	12.31961	0	12.31194	2.2E+08
17.53008	17.6	17.3	18.18593	18.28728	18.09332	0.08673	0.3	0	12.40305	0.02041	12.395	2.2E+08
17.47104	17.6	17.3	18.20283	18.28728	18.12103	0.17508	0.49999	0	12.48651	0	12.47833	2.2E+08
17.36972	17.6	17.3	18.22011	18.34269	18.12103	0.31106	0.49999	0	12.56995	0.01411	12.56166	2.2E+08
17.34309	17.4	17.3	18.17619	18.25957	18.06561	0.39024	0.49999	0.3	12.65341	0.01411	12.64527	2.2E+08
17.34309	17.4	17.3	18.17619	18.25957	18.06561	0.39024	0.49999	0.3	12.73685	0.0204	12.72833	2.2E+08
17.58819	17.7	17.3	18.10648	18.20415	18.01019	0.17543	0.4	0	12.82031	0.02039	12.81194	2.2E+08
17.58819	17.7	17.3	18.10648	18.20415	18.01019	0.17543	0.4	0	12.90374	0.01414	12.895	2.2E+08
17.65356	17.7	17.6	18.0892	18.20415	17.98248	0.11341	0.19999	0	12.98717	0.01417	12.97833	2.2E+08
17.63	17.7	17.6	18.07719	18.20415	17.95478	0.15317	0.3	0.09999	13.07059	0.0691	13.06194	2.2E+08
17.67644	17.7	17.6	18.05804	18.14873	17.95478	0.13704	0.3	0.09999	13.15404	0	13.145	2.2E+08
17.68319	17.7	17.6	18.07092	18.14873	17.98248	0.20703	0.4	0.09999	13.23751	0.02038	13.22861	2.2E+08
17.68319	17.7	17.6	18.07092	18.14873	17.98248	0.20703	0.59999	0.09999	13.321	0.02039	13.31194	2.2E+08
17.60981	17.7	17.4	18.08576	18.17644	17.95478	0.31208	0.59999	0.09999	13.40449	0.02038	13.395	2.2E+08
17.64007	17.7	17.6	18.02575	18.12103	17.92707	0.34746	0.5	0	13.48797	0.01418	13.47861	2.2E+08
17.69663	17.8	17.6	18.00695	18.12103	17.87166	0.31116	0.5	0	13.57143	0.02038	13.56166	2.2E+08
17.71345	17.9	17.6	17.9182	18.01019	17.84395	0.36026	0.5	0.19999	13.65491	0	13.645	2.2E+08
17.63703	17.7	17.6	17.95766	18.09332	17.84395	0.42291	0.5	0.19999	13.73836	0	13.72833	2.2E+08
17.63973	17.7	17.6	18.02507	18.14873	17.92707	0.44412	0.5	0.3	13.82181	0	13.81194	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.63973	17.7	17.6	18.02507	18.14873	17.92707	0.44412	0.5	0.3	13.90524	0.0691	13.895	2.2E+08
17.62986	17.7	17.6	18.04635	18.17644	17.92707	0.42651	0.5	0.19999	13.98867	0	13.97861	2.2E+08
17.62986	17.7	17.6	18.04635	18.17644	17.92707	0.42651	0.5	0.09999	14.0721	0.0691	14.06194	2.2E+08
17.63621	17.7	17.6	18.00172	18.09332	17.89937	0.40707	0.5	0.09999	14.15553	0.03456	14.145	2.2E+08
17.34587	17.6	17.2	18.06973	18.14873	17.98248	0.6041	0.9	0.19999	14.23899	0	14.22861	2.2E+08
17.34587	17.6	17.2	18.06973	18.14873	17.98248	0.6041	0.9	0.19999	14.32246	0	14.31166	2.2E+08
17.28658	17.4	17.2	18.13126	18.23186	18.0379	0.53357	0.8	0.39999	14.40591	0.02041	14.39527	2.2E+08
17.34697	17.6	17.2	18.13561	18.23186	18.0379	0.44632	0.59999	0.19999	14.48933	0.04862	14.47861	2.2E+08
17.34697	17.6	17.2	18.13561	18.23186	18.0379	0.44632	0.59999	0.19999	14.57276	0.00631	14.56166	2.2E+08
17.29328	17.4	17.1	18.14538	18.23186	18.0379	0.48356	0.6	0.39999	14.6562	0.01409	14.645	2.2E+08
17.25971	17.3	17.1	18.15591	18.23186	18.06561	0.48355	0.6	0.3	14.73963	0.06899	14.72861	2.2E+08
17.26309	17.3	17.1	18.14457	18.20415	18.0379	0.44328	0.6	0.3	14.82307	0	14.81166	2.2E+08
17.22985	17.3	17.1	18.13655	18.23186	18.0379	0.39697	0.6	0.3	14.90651	0	14.89527	2.2E+08
17.22985	17.3	17.1	18.13655	18.23186	18.0379	0.39697	0.6	0.3	14.98996	0.01411	14.97833	2.2E+08
17.29666	17.4	17.2	18.12482	18.20415	18.01019	0.30332	0.4	0.19999	15.0734	0.01415	15.06166	2.2E+08
17.82955	18	17.7	18.06848	18.17644	17.95478	0.2527	0.4	0.1	15.15685	0.03458	15.14527	2.2E+08
17.82955	18	17.7	18.06848	18.17644	17.95478	0.2527	0.4	0.1	15.2403	0.03461	15.22833	2.2E+08
18.17004	18.4	17.9	18.02395	18.14873	17.89937	0.50359	0.8	0.2	15.32377	0	15.31194	2.2E+08
18.12277	18.4	18	18.04025	18.12103	17.89937	0.34289	0.6	0.2	15.40722	0.00776	15.39527	2.2E+08
18.12277	18.4	18	18.04025	18.12103	17.89937	0.34289	0.6	0.2	15.49067	0.03465	15.47833	2.2E+08
18.18897	18.4	18	18.01984	18.12103	17.92707	0.1886	0.5	0	15.57409	0.04243	15.56166	2.2E+08
18.42985	18.6	18.3	18.03556	18.14873	17.89937	0.196	0.4	0	15.65754	0	15.645	2.2E+08
18.88122	19	18.6	17.98508	18.09332	17.87166	0.39157	0.6	0.1	15.74098	0.0897	15.72833	2.2E+08
18.87617	19	18.6	17.96204	18.06561	17.87166	0.1295	0.5	0	15.82445	0	15.81166	2.2E+08
19.30443	19.5	18.9	17.89537	18.0379	17.81624	0.3214	0.5	0	15.90791	0	15.895	2.2E+08
19.64299	20	19.4	17.98335	18.06561	17.89937	0.12016	0.4	0	15.99135	0.02024	15.97861	2.2E+08
19.64299	20	19.4	17.98335	18.06561	17.89937	0.12016	0.4	0	16.0748	0.05505	16.06166	2.2E+08
20.09625	20.3	20	17.93258	18.0379	17.78853	0.19661	0.4	0.1	16.15826	0.00557	16.145	2.2E+08
20.28181	20.7	20.1	17.93053	18.06561	17.78853	0.30513	0.5	0	16.24171	0.03488	16.22861	2.2E+08
20.28181	20.7	20.1	17.93053	18.06561	17.78853	0.30513	0.5	0	16.32518	0	16.31166	2.2E+08
20.57702	20.9	20.2	17.71785	17.81624	17.62229	0.68902	1.4	0.19999	16.40854	0	16.39527	2.2E+08
20.57702	20.9	20.2	17.71785	17.81624	17.62229	0.68902	1.4	0.19999	16.49174	0.0348	16.47833	2.2E+08
20.20708	20.6	20	17.87577	18.01019	17.6777	1.37268	1.69999	1	16.57495	0.01451	16.56166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.70235	20	19.5	18.00871	18.09332	17.89937	2.18418	2.8	1.89999	16.65815	0.0145	16.645	2.2E+08
19.49323	19.7	19.4	18.0566	18.12103	18.01019	2.81311	2.99999	2.6	16.74135	0.01248	16.72861	2.2E+08
19.49323	19.7	19.4	18.0566	18.12103	18.01019	2.81311	2.99999	2.6	16.82455	0.00776	16.81166	2.2E+08
19.50405	19.7	19.2	18.05511	18.17644	17.95478	2.85903	3.3	2.5	16.90776	0.06943	16.895	2.2E+08
19.36651	19.5	19.2	17.93943	18.06561	17.81624	2.93716	3.19999	2.69999	16.99096	0.04055	16.97861	2.2E+08
19.36651	19.5	19.2	17.93943	18.06561	17.81624	2.93716	3.19999	2.69999	17.07417	0	17.06166	2.2E+08
19.3289	19.7	19	17.83848	18.01019	17.7054	2.86809	3.29999	2.3	17.15737	0	17.145	2.2E+08
19.58626	19.7	19.4	17.74642	17.89937	17.64999	2.44356	2.8	2.19999	17.24057	0.04952	17.22833	2.2E+08
20.13648	20.7	19.6	17.53182	17.78853	17.40062	1.76015	2.3	1.19999	17.32378	0.00553	17.31166	2.2E+08
20.58697	20.9	20.3	17.62411	17.76082	17.40062	1.30296	1.59999	0.99999	17.40698	0	17.395	2.2E+08
20.45571	20.7	20.1	17.69387	17.84395	17.51145	1.4842	1.9	1.19999	17.49018	0.04033	17.47833	2.2E+08
20.39132	20.9	20.1	17.77539	17.89937	17.62229	1.74889	1.5	0.8	17.57339	0.03495	17.56166	2.2E+08
21.16371	21.5	20.7	17.82507	17.92707	17.73311	1.12622	1.5	0.8	17.65659	0	17.645	2.2E+08
22.12547	22.5	21.6	17.85093	18.01019	17.73311	0.41078	0.8	0	17.7398	0.02006	17.72833	2.2E+08
22.26718	22.7	21.9	18.1679	18.28728	18.01019	0.93653	1.39999	0.49999	17.823	0.04011	17.81194	2.2E+08
22.26718	22.7	21.9	18.1679	18.28728	18.01019	0.93653	1.39999	0.49999	17.9062	0.01504	17.895	2.2E+08
22.66329	23.2	21.9	18.22691	18.34269	18.12103	0.92998	1.59999	0.5	17.98941	0	17.97833	2.2E+08
21.64858	22.5	21	18.44157	18.61977	18.23186	2.37854	3.09999	1.29999	18.07261	0.02548	18.06166	2.2E+08
21.35815	21.6	21	18.45705	18.56436	18.3704	2.92541	3.39999	2.6	18.15582	0	18.14527	2.2E+08
21.35815	21.6	21	18.45705	18.56436	18.3704	2.92541	3.39999	2.6	18.23902	0.03495	18.22833	2.2E+08
20.9531	21.3	20.7	18.47612	18.56436	18.31499	3.39392	3.69999	3.09999	18.32222	0.04033	18.31194	2.2E+08
20.44427	20.9	20.1	18.39572	18.56436	18.23186	3.67663	4	3.09999	18.40543	0.02243	18.39527	2.2E+08
20.86669	21.2	20.6	18.22311	18.3704	18.12103	2.85311	3.19999	2.5	18.48863	0.00542	18.47861	2.2E+08
20.86669	21.2	20.6	18.22311	18.3704	18.12103	2.85311	3.19999	2.5	18.57184	0.05005	18.56166	2.2E+08
21.82135	22.4	21.2	18.14222	18.25957	17.98248	1.87826	2.5	1.3	18.65504	0.0201	18.645	2.2E+08
21.96442	22.2	21.6	18.209	18.28728	18.09332	1.83217	2.9	2.19999	18.73824	0.02012	18.72833	2.2E+08
21.41177	21.9	21.2	18.29403	18.42581	18.20415	2.65763	2.9	2.19999	18.82145	0	18.81166	2.2E+08
21.45826	22.1	21	18.43155	18.56436	18.23186	2.87494	3.29999	2.1	18.90465	0	18.89527	2.2E+08
21.45826	22.1	21	18.43155	18.56436	18.23186	2.87494	3.29999	2.1	18.98787	0	18.97833	2.2E+08
21.71675	22	21.5	18.29498	18.42581	18.17644	2.89626	3.19999	2.49999	19.07107	0	19.06194	2.2E+08
21.71675	22	21.5	18.29498	18.42581	18.17644	2.89626	3.19999	2.49999	19.15428	0.06492	19.145	2.2E+08
22.15192	22.6	21.9	18.41799	18.50894	18.31499	2.66149	2.99999	2.19999	19.23748	0	19.22861	2.2E+08
22.15192	22.6	21.9	18.41799	18.50894	18.31499	2.66149	2.99999	2.19999	19.32068	0.03011	19.31166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
22.38363	22.7	22	18.47947	18.56436	18.31499	2.77981	3.19999	2.3	19.40389	0.06021	19.39527	2.2E+08
22.38363	22.7	22	18.47947	18.56436	18.31499	2.77981	3.39999	2.69999	19.48709	0.01497	19.47833	2.2E+08
22.30755	22.6	22	18.54314	18.61977	18.42581	3.01927	3.39999	2.69999	19.57031	0.05015	19.56166	2.2E+08
22.75066	23	22.6	18.52233	18.61977	18.42581	2.6329	2.8	2.29999	19.65351	0.04526	19.64527	2.2E+08
22.75066	23	22.6	18.52233	18.61977	18.42581	2.6329	2.8	2.29999	19.73672	0.05788	19.72833	2.2E+08
22.81555	23.2	22.4	18.56462	18.64748	18.48123	2.64149	2.99999	2.19999	19.81992	0.02006	19.81194	2.2E+08
23.13004	23.6	22.6	18.5369	18.64748	18.42581	2.39377	2.8	1.9	19.90312	0.00476	19.89527	2.2E+08
22.77074	23.6	22.2	18.66118	18.84143	18.50894	2.90232	3.4	2	19.98634	0.02496	19.97861	2.2E+08
22.77074	23.6	22.2	18.66118	18.84143	18.50894	2.90232	3.4	2	20.06955	0.02008	20.06166	2.2E+08
22.72475	23.3	22	18.69867	18.86914	18.56436	3.08261	3.89999	2.49999	20.15275	0.03517	20.145	2.2E+08
23.14523	23.7	22.7	18.62985	18.81373	18.50894	2.52452	3.09999	1.8	20.23596	0.03513	20.22861	2.2E+08
23.14523	23.7	22.7	18.62985	18.81373	18.50894	2.52452	3.09999	1.8	20.31916	0.06001	20.31166	2.2E+08
23.05168	23.6	22.6	18.80478	18.92456	18.59207	2.75432	3.19999	2.19999	20.40237	0.03515	20.39527	2.2E+08
23.05168	23.6	22.6	18.80478	18.92456	18.59207	2.75432	3.19999	2.19999	20.48558	0.07033	20.47833	2.2E+08
22.85861	23.1	22.6	18.85058	18.92456	18.70289	2.99773	3.3	2.69999	20.56878	0.00471	20.56166	2.2E+08
23.19645	23.6	22.8	18.84506	18.89685	18.75831	2.65318	3.09999	2.19999	20.65198	0.01997	20.645	2.2E+08
23.44924	23.7	23.2	18.84795	18.92456	18.7306	2.44737	2.69999	2.19999	20.73519	0.05521	20.72833	2.2E+08
23.70352	24	23.3	18.97534	19.09081	18.86914	2.36625	2.8	1.99999	20.81839	0.07521	20.81194	2.2E+08
23.70352	24	23.3	18.97534	19.09081	18.86914	2.36625	2.8	1.99999	20.90159	0.05522	20.895	2.2E+08
23.32854	24	22.7	19.09221	19.22935	19.00768	2.85165	3.5	2.19999	20.9848	0.02778	20.97861	2.2E+08
23.32854	24	22.7	19.09221	19.22935	19.00768	2.85165	3.5	2.19999	21.06801	0.01999	21.06166	2.2E+08
23.7658	24.5	23.2	19.126	19.28476	19.00768	2.48115	3.09999	1.69999	21.15121	0	21.14527	2.2E+08
23.7658	24.5	23.2	19.126	19.28476	19.00768	2.48115	3.09999	1.69999	21.23441	0.03532	21.22833	2.2E+08
24.08292	24.4	23.8	19.1106	19.25706	19.00768	2.39391	2.69999	1.99999	21.31762	0.05066	21.31194	2.2E+08
23.86941	24.3	23.6	19.20592	19.31247	19.0631	2.71041	3.1	2.19999	21.40082	0.0353	21.39527	2.2E+08
23.86941	24.3	23.6	19.20592	19.31247	19.0631	2.71041	3.1	2.19999	21.48404	0.01532	21.47833	2.2E+08
23.58517	24	23.1	19.26068	19.39559	19.14622	3.10142	3.6	2.69999	21.56724	0.0152	21.56166	2.2E+08
23.68605	24.2	23.2	19.21312	19.36789	19.0631	3.01059	3.3	2.69999	21.65045	0.07526	21.645	2.2E+08
23.59476	23.8	23.3	19.2275	19.39559	19.09081	2.98511	3.3	2.69999	21.73365	0.01531	21.72833	2.2E+08
23.62347	23.9	23.3	19.25639	19.39559	19.09081	2.87316	3.19999	2.59999	21.81686	0.01997	21.81166	2.2E+08
23.92156	24.3	23.6	19.20624	19.39559	19.03539	2.52208	2.9	2.19999	21.90006	0	21.895	2.2E+08
23.90695	24.2	23.7	19.15077	19.31247	19.0631	2.28967	2.5	2	21.98326	0	21.97861	2.2E+08
23.90695	24.2	23.7	19.15077	19.31247	19.0631	2.28967	2.5	2	22.06647	0	22.06166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
24.80761	25.2	24.3	19.14639	19.36789	19.03539	1.37225	1.9	1	22.14967	0	22.14527	2.2E+08
24.70322	25	24.4	19.25736	19.39559	19.11851	1.56726	1.99999	1.19999	22.23288	0.03547	22.22861	2.2E+08
24.70322	25	24.4	19.25736	19.39559	19.11851	1.56726	1.99999	1.19999	22.31608	0.00424	22.31166	2.2E+08
25.50259	25.7	25.2	19.31542	19.4233	19.20164	1.14104	1.3	0.9	22.39928	0.03552	22.39527	2.2E+08
25.50259	25.7	25.2	19.31542	19.4233	19.20164	1.14104	1.3	0.9	22.48248	0.0157	22.47833	2.2E+08
25.7634	26	25.6	19.3383	19.4233	19.22935	1.08912	1.4	0.79999	22.56569	0	22.56166	2.2E+08
25.46915	26	25	19.3926	19.53414	19.28476	1.68789	2.19999	0.99999	22.6489	0	22.64527	2.2E+08
25.25369	25.5	24.9	19.51962	19.64497	19.4233	2.38023	2.59999	2.09999	22.7321	0	22.72861	2.2E+08
25.25369	25.5	24.9	19.51962	19.64497	19.4233	2.38023	2.59999	2.09999	22.8153	0	22.81166	2.2E+08
25.23039	25.5	24.9	19.49172	19.58955	19.4233	2.58934	3.09999	2.29999	22.8985	0	22.895	2.2E+08
24.61265	25.2	24.3	19.74023	19.89434	19.45101	3.34411	3.69999	2.59999	22.98171	0.01991	22.97833	2.2E+08
24.44456	24.6	24	19.36533	19.45101	19.28476	3.01589	3.59999	2.8	23.06492	0.10609	23.06194	2.2E+08
24.44456	24.6	24	19.36533	19.45101	19.28476	3.01589	3.59999	2.8	23.14812	0.03529	23.145	2.2E+08
23.4296	23.7	23.2	19.32398	19.4233	19.14622	3.4377	3.59999	3.19999	23.23133	0.03523	23.22861	2.2E+08
23.4296	23.7	23.2	19.32398	19.4233	19.14622	3.4377	3.59999	3.19999	23.31453	0	23.31166	2.2E+08
23.49022	23.7	23.2	19.14978	19.34018	19.03539	2.8062	3.3	2.4	23.39773	0.01997	23.395	2.2E+08
23.62987	23.7	23.4	19.15868	19.25706	19.0631	2.46675	2.69999	2.3	23.48094	0.01999	23.47833	2.2E+08
23.50682	23.8	23.2	19.31352	19.4233	19.14622	2.56	2.9	2.3	23.56414	0.01526	23.56166	2.2E+08
23.40369	23.6	23.3	19.32683	19.4233	19.22935	2.61942	2.8	2.3	23.64734	0.08594	23.645	2.2E+08
23.92763	24.2	23.7	19.31679	19.45101	19.20164	2.16229	2.4	1.9	23.73055	0.02312	23.72861	2.2E+08
23.92763	24.2	23.7	19.31679	19.45101	19.20164	2.16229	2.4	1.9	23.81375	0.03535	23.81166	2.2E+08
23.79322	24	23.7	19.40219	19.47872	19.31247	2.30342	2.4	2.09999	23.89696	0.07055	23.895	2.2E+08
23.64308	24	23.4	19.41693	19.50643	19.31247	2.47665	2.8	2.09999	23.98017	0.01525	23.97833	2.2E+08
23.43708	23.7	23.2	19.42137	19.53414	19.34018	2.68642	2.9	2.4	24.00236	0	24	2.2E+08
23.17887	23.3	22.7	4.41173	19.4233	0	2.79946	3.19999	2.59999	24.00236	0	24	2.2E+08
22.01622	22.4	21.8	0	0	0	3.11374	3.3	2.8	24.00236	0	24	2.2E+08
22.01622	22.4	21.8	0	0	0	3.11374	3.3	2.8	24.00236	0	24	2.2E+08
21.57051	21.6	21.5	0	0	0	2.89228	3.19999	2.79999	24.00236	0	24	2.2E+08
21.57051	21.6	21.5	0	0	0	2.89228	3.19999	2.79999	24.00236	0	24	2.2E+08
21.50006	21.6	21.4	0	0	0	2.78952	2.9	2.59999	24.00236	0	24	2.2E+08
21.40007	21.6	21.2	0	0	0	2.74659	2.9	2.59999	24.00236	0	24	2.2E+08
21.26684	21.4	21	0	0	0	2.66983	3.09999	2.39999	24.00236	0	24	2.2E+08
21.00336	21.2	20.9	0	0	0	2.49629	2.69999	2.3	24.00236	0	24	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
21.00336	21.2	20.9	0	0	0	2.49629	2.69999	2.3	24.00236	0	24	2.2E+08
20.7571	20.8	20.7	0	0	0	2.33365	2.4	2.19999	24.00236	0	24	2.2E+08
20.51319	20.7	20.3	0	0	0	2.38985	2.49999	2.19999	24.00236	0	24	2.2E+08
20.51319	20.7	20.3	0	0	0	2.38985	2.49999	2.19999	24.00236	0	24	2.2E+08
20.29966	20.6	20.1	0	0	0	2.1978	2.5	1.99999	24.00236	0	24	2.2E+08
20.29966	20.6	20.1	0	0	0	2.1978	2.19999	1.89999	24.00236	0	24	2.2E+08
20.27692	20.4	20.1	0	0	0	2.03994	2.1	1.69999	24.00236	0	24	2.2E+08
20.1362	20.3	20.1	0	0	0	1.97437	1.8	1.69999	24.00236	0	24	2.2E+08
20.10041	20.2	20	0	0	0	1.75969	1.8	1.69999	24.00236	0	24	2.2E+08
19.87361	20	19.7	0	0	0	1.81973	2	1.59999	24.00236	0	24	2.2E+08
19.74028	20	19.7	0	0	0	1.80932	2	1.59999	24.00236	0	24	2.2E+08
19.68992	19.7	19.6	0	0	0	1.59706	1.8	1.5	24.00236	0	24	2.2E+08
19.62352	19.7	19.6	0	0	0	1.54667	1.69999	1.4	24.00236	0	24	2.2E+08
19.54709	19.7	19.4	0	0	0	1.45006	1.59999	1.19999	24.00236	0	24	2.2E+08
19.27387	19.4	19.2	0	0	0	1.33291	1.5	1.09999	24.00236	0	24	2.2E+08
19.21342	19.4	19.2	0	0	0	1.20723	1.3	1	24.00236	0	24	2.2E+08
19.18993	19.2	19.1	0	0	0	1.03971	1.3	0.9	24.00236	0	24	2.2E+08
19.18993	19.2	19.1	0	0	0	1.03971	1.3	0.9	24.00236	0	24	2.2E+08
18.98026	19	18.9	0	0	0	0.92947	0.99999	0.89999	24.00236	0	24	2.2E+08
18.98026	19	18.9	0	0	0	0.92947	0.99999	0.59999	24.00236	0	24	2.2E+08
18.93996	19	18.9	0	0	0	0.85298	0.99999	0.59999	24.00236	0	24	2.2E+08
18.91645	19	18.8	0	0	0	0.63695	0.8	0.59999	24.00236	0	24	2.2E+08
18.91343	19	18.9	0	0	0	0.55339	0.59999	0.29999	24.00236	0	24	2.2E+08
18.84289	18.9	18.6	0	0	0	0.35041	0.6	0.09999	24.00236	0	24	2.2E+08
18.84289	18.9	18.6	0	0	0	0.35041	0.6	0.09999	24.00236	0	24	2.2E+08
18.7068	18.9	18.6	0	0	0	0.35001	0.6	0.09999	24.00236	0	24	2.2E+08
18.60356	18.8	18.5	0	0	0	0.30366	0.6	0.09999	0.06036	0.0492	0.06138	2.2E+08
18.63449	18.9	18.6	11.85727	17.20666	0	0.17321	0.3	0	0.14374	0.00586	0.14472	2.2E+08
18.63611	18.8	18.5	17.16332	17.26208	17.06812	0.06927	0.2	0	0.22712	0.06951	0.22805	2.2E+08
18.62013	18.8	18.6	17.20914	17.28979	17.15125	0.11661	0.4	0	0.3105	0.03474	0.31166	2.2E+08
18.6067	18.8	18.6	17.25106	17.34521	17.17896	0.23691	0.4	0	0.39386	0	0.39472	2.2E+08
18.62009	18.8	18.6	17.25718	17.34521	17.17896	0.38984	0.6	0.2	0.47722	0.03474	0.47805	2.2E+08
18.59661	18.8	18.5	17.18947	17.3175	17.12354	0.48653	0.7	0.4	0.56058	0.01442	0.56166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
18.57312	18.6	18.5	17.22959	17.34521	17.12354	0.4899	0.6	0.4	0.64394	0.03474	0.645	2.2E+08
18.57312	18.6	18.5	17.22959	17.34521	17.12354	0.4899	0.6	0.4	0.72731	0	0.72805	2.2E+08
18.52611	18.6	18.4	17.26854	17.37291	17.17896	0.55295	0.8	0.3	0.81068	0	0.81138	2.2E+08
18.52014	18.6	18.4	17.28613	17.37291	17.17896	0.62765	0.8	0.4	0.89406	0.08976	0.89472	2.2E+08
18.46012	18.6	18.4	17.32485	17.42833	17.20666	0.61044	0.8	0.3	0.97744	0	0.97805	2.2E+08
18.4198	18.5	18.4	17.33281	17.42833	17.20666	0.59589	0.8	0.4	1.06081	0.02033	1.06138	2.2E+08
18.44321	18.6	18.4	17.36007	17.45604	17.26208	0.66336	0.8	0.6	1.14419	0.08976	1.14472	2.2E+08
18.47354	18.6	18.4	17.33875	17.42833	17.23437	0.70378	0.9	0.6	1.22756	0.0066	1.22833	2.2E+08
18.50376	18.6	18.4	17.33392	17.42833	17.23437	0.75417	0.9	0.6	1.31093	0	1.31138	2.2E+08
18.45633	18.5	18.4	17.36644	17.42833	17.28979	0.71642	0.8	0.6	1.3943	0	1.395	2.2E+08
18.43995	18.5	18.3	17.38642	17.45604	17.28979	0.71979	0.8	0.6	1.47769	0.03471	1.47805	2.2E+08
18.4	18.4	18.4	17.39024	17.45604	17.28979	0.71008	0.8	0.6	1.56107	0.03471	1.56138	2.2E+08
18.39665	18.4	18.3	17.38119	17.51145	17.28979	0.73988	0.8	0.6	1.64446	0.03472	1.645	2.2E+08
18.37983	18.4	18.3	17.39018	17.45604	17.3175	0.72947	0.8	0.6	1.72784	0.01437	1.72833	2.2E+08
18.37983	18.4	18.3	17.39018	17.45604	17.3175	0.72947	0.8	0.6	1.81122	0.04249	1.81138	2.2E+08
18.39284	18.5	18.3	17.39714	17.48374	17.3175	0.74243	0.9	0.6	1.89459	0.02034	1.89472	2.2E+08
18.37313	18.4	18.3	17.40649	17.48374	17.3175	0.76306	0.8	0.7	1.97795	0.0347	1.97833	2.2E+08
18.37313	18.4	18.3	17.40649	17.48374	17.3175	0.76306	0.8	0.7	2.06133	0	2.06138	2.2E+08
18.3466	18.4	18.3	17.38281	17.45604	17.28979	0.73348	0.8	0.6	2.14469	0.01434	2.14472	2.2E+08
18.33985	18.4	18.3	17.34395	17.42833	17.26208	0.73685	0.8	0.6	2.22804	0	2.22833	2.2E+08
18.33985	18.4	18.3	17.34395	17.42833	17.26208	0.73685	0.8	0.6	2.31141	0	2.31138	2.2E+08
18.3198	18.4	18.3	17.33772	17.40062	17.23437	0.73628	0.9	0.6	2.39479	0	2.395	2.2E+08
18.3198	18.4	18.3	17.33772	17.40062	17.23437	0.73628	0.9	0.4	2.47816	0.01432	2.47833	2.2E+08
18.27657	18.4	18	17.32413	17.40062	17.20666	0.70008	0.9	0.4	2.56152	0	2.56138	2.2E+08
18.27988	18.3	18.2	17.30465	17.37291	17.20666	0.72357	0.8	0.6	2.64488	0.01432	2.645	2.2E+08
18.2803	18.3	18.2	17.30066	17.37291	17.20666	0.72398	0.8	0.6	2.72824	0.01432	2.72805	2.2E+08
18.21012	18.3	18	17.29006	17.40062	17.20666	0.67317	0.8	0.4	2.8116	0.06926	2.81138	2.2E+08
17.9265	18	17.9	17.33274	17.40062	17.23437	0.39369	0.5	0.3	2.89496	0	2.895	2.2E+08
17.9265	18	17.9	17.33274	17.40062	17.23437	0.39369	0.5	0.3	2.97833	0	2.97805	2.2E+08
17.93021	18	17.9	17.37248	17.45604	17.28979	0.42349	0.5	0.3	3.06172	0	3.06138	2.2E+08
17.92014	18	17.9	17.37769	17.45604	17.28979	0.42349	0.5	0.4	3.14508	0	3.14472	2.2E+08
17.88744	18	17.7	17.3781	17.45604	17.28979	0.41093	0.7	0.2	3.22845	0	3.22805	2.2E+08
17.85367	17.9	17.7	17.3892	17.45604	17.28979	0.41412	0.7	0.2	3.31181	0	3.31138	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tin	Filter ID
17.91342	18	17.9	17.39109	17.45604	17.26208	0.5007	0.7	0.4	3.3952	0.03464	3.39472	2.2E+08
17.95042	18	17.9	17.43863	17.53916	17.37291	0.62376	0.8	0.4	3.47856	0.01423	3.47805	2.2E+08
17.87985	17.9	17.8	17.47769	17.62229	17.40062	0.62697	0.7	0.4	3.56195	0	3.56166	2.2E+08
17.87985	17.9	17.8	17.47769	17.62229	17.40062	0.62697	0.7	0.4	3.64535	0.02036	3.64472	2.2E+08
17.91341	18	17.8	17.49104	17.59458	17.40062	0.65969	0.8	0.4	3.72875	0	3.72805	2.2E+08
17.72686	17.8	17.7	17.56144	17.6777	17.42833	0.52014	0.6	0.4	3.81213	0	3.81166	2.2E+08
17.72686	17.8	17.7	17.56144	17.6777	17.42833	0.52014	0.6	0.4	3.89553	0	3.89472	2.2E+08
17.68657	17.7	17.6	17.55716	17.64999	17.45604	0.48321	0.5	0.2	3.97891	0	3.97805	2.2E+08
17.63693	17.7	17.6	17.57364	17.7054	17.48374	0.4432	0.5	0.2	4.06227	0.00621	4.06166	2.2E+08
17.51261	17.6	17.4	17.66185	17.78853	17.53916	0.3462	0.5	0.2	4.14562	0.03456	4.14472	2.2E+08
17.40717	17.6	17.3	17.61934	17.76082	17.42833	0.28399	0.5	0.2	4.22897	0.02677	4.22833	2.2E+08
17.40717	17.6	17.3	17.61934	17.76082	17.42833	0.28399	0.5	0.2	4.31233	0.0204	4.31138	2.2E+08
17.3395	17.4	17.3	17.49941	17.59458	17.42833	0.24286	0.4	0.2	4.3957	0	4.39472	2.2E+08
17.38993	17.6	17.3	17.49454	17.59458	17.40062	0.30292	0.5	0.2	4.47908	0.05495	4.47805	2.2E+08
17.37985	17.4	17.3	17.48879	17.62229	17.40062	0.30642	0.4	0.2	4.56245	0.01415	4.56138	2.2E+08
17.36972	17.6	17.3	17.49749	17.59458	17.40062	0.34296	0.6	0.2	4.64582	0.03457	4.645	2.2E+08
17.36972	17.6	17.3	17.49749	17.59458	17.40062	0.34296	0.5	0.2	4.72918	0.02041	4.72833	2.2E+08
17.3563	17.4	17.3	17.53478	17.64999	17.40062	0.38271	0.5	0.2	4.81255	0.0204	4.81138	2.2E+08
17.31647	17.4	17.2	17.55794	17.7054	17.45604	0.37279	0.5	0.2	4.8959	0.03453	4.895	2.2E+08
17.31647	17.4	17.2	17.55794	17.7054	17.45604	0.37279	0.5	0.2	4.97926	0.03456	4.97805	2.2E+08
17.33659	17.4	17.3	17.55994	17.7054	17.40062	0.40637	0.5	0.2	5.06261	0.03453	5.06138	2.2E+08
17.28655	17.3	17.2	17.54289	17.6777	17.42833	0.37983	0.5	0.3	5.14596	0.03452	5.14472	2.2E+08
17.22364	17.3	17.1	17.61434	17.76082	17.48374	0.32363	0.5	0.2	5.22933	0.03452	5.22805	2.2E+08
17.1802	17.3	17.1	17.69672	17.84395	17.56687	0.28356	0.4	0.2	5.31269	0.01412	5.31138	2.2E+08
17.22272	17.3	17.1	17.64951	17.78853	17.51145	0.33617	0.5	0.4	5.39604	0	5.395	2.2E+08
17.35332	17.4	17.3	17.59618	17.73311	17.45604	0.45669	0.6	0.3	5.4794	0	5.47833	2.2E+08
17.35332	17.4	17.3	17.59618	17.73311	17.45604	0.45669	0.6	0.3	5.56275	0.02042	5.56138	2.2E+08
17.29345	17.4	17.1	17.67356	17.89937	17.48374	0.37329	0.5	0.1	5.64613	0.03452	5.64472	2.2E+08
17.15595	17.3	17.1	17.84903	17.92707	17.76082	0.16309	0.4	0	5.72949	0.02042	5.72805	2.2E+08
17.21678	17.3	17.1	17.83135	17.92707	17.7054	0.1827	0.3	0	5.81285	0	5.81138	2.2E+08
17.20594	17.3	17.1	17.84423	17.92707	17.76082	0.1093	0.2	0	5.89621	0	5.895	2.2E+08
17.20594	17.3	17.1	17.84423	17.92707	17.76082	0.1093	0.2	0	5.97956	0	5.97805	2.2E+08
17.40168	17.7	17.1	17.83972	17.92707	17.73311	0.2916	0.1	0	6.06292	0	6.06166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tir	Filter ID
17.11341	17.3	17.1	17.76978	17.87166	17.64999	0.03692	0.1	0	6.14627	0	6.14472	2.2E+08
17.11342	17.3	17.1	17.71599	17.84395	17.62229	0.04335	0.2	0	6.22962	0.03453	6.22805	2.2E+08
17.41377	17.6	17.3	17.63251	17.76082	17.51145	0.25363	0.5	0.1	6.31297	0.00623	6.31166	2.2E+08
17.41377	17.6	17.3	17.63251	17.76082	17.51145	0.25363	0.6	0.2	6.39632	0.02038	6.395	2.2E+08
17.60669	17.7	17.4	17.60682	17.73311	17.48374	0.45329	0.6	0.2	6.47967	0.00623	6.47805	2.2E+08
17.42256	17.6	17.3	17.6847	17.78853	17.53916	0.24239	0.4	0.1	6.56302	0.06122	6.56166	2.2E+08
17.4494	17.6	17.3	17.70948	17.81624	17.53916	0.25612	0.4	0.1	6.64637	0.03456	6.645	2.2E+08
17.55296	17.6	17.4	17.70689	17.84395	17.56687	0.3261	0.4	0.2	6.72972	0	6.72833	2.2E+08
17.45758	17.6	17.3	17.7096	17.84395	17.53916	0.20048	0.4	0	6.81307	0.01412	6.81166	2.2E+08
17.45758	17.6	17.3	17.7096	17.84395	17.53916	0.20048	0.4	0	6.89642	0.03453	6.89472	2.2E+08
17.32319	17.4	17.3	17.67853	17.81624	17.51145	0.14034	0.2	0.09999	6.97978	0	6.97805	2.2E+08
17.3168	17.4	17.3	17.8285	17.92707	17.7054	0.1731	0.3	0.09999	7.06313	0.02042	7.06166	2.2E+08
17.3168	17.4	17.3	17.8285	17.92707	17.7054	0.1731	0.19999	0.09999	7.14648	0.03454	7.145	2.2E+08
17.33696	17.4	17.3	17.86522	17.95478	17.7054	0.1664	0.19999	0.09999	7.22983	0	7.22805	2.2E+08
17.29664	17.4	17.2	17.90331	17.98248	17.84395	0.25331	0.3	0.09999	7.31318	0	7.31166	2.2E+08
17.29664	17.4	17.2	17.90331	17.98248	17.84395	0.25331	0.3	0.09999	7.39653	0	7.39472	2.2E+08
17.3302	17.4	17.2	17.88751	17.95478	17.73311	0.21011	0.3	0.09999	7.47988	0	7.47805	2.2E+08
17.31041	17.4	17.2	17.88867	17.92707	17.84395	0.28286	0.4	0.19999	7.56323	0.03454	7.56166	2.2E+08
17.31041	17.4	17.2	17.88867	17.92707	17.84395	0.28286	0.4	0.19999	7.64658	0	7.64472	2.2E+08
17.3198	17.4	17.3	17.89797	17.98248	17.81624	0.28691	0.4	0.19999	7.72993	0.03453	7.72833	2.2E+08
17.27348	17.3	17.1	17.93654	18.01019	17.87166	0.34669	0.5	0.3	7.81329	0.03453	7.81166	2.2E+08
17.27348	17.3	17.1	17.93654	18.01019	17.87166	0.34669	0.5	0.3	7.89666	0.03453	7.89472	2.2E+08
17.29663	17.3	17.2	17.95566	18.0379	17.89937	0.35008	0.5	0.3	7.98003	0.06906	7.97805	2.2E+08
17.3336	17.4	17.3	17.9473	18.0379	17.84395	0.33649	0.5	0.3	8.06339	0	8.06138	2.2E+08
17.28321	17.3	17.2	17.96876	18.06561	17.87166	0.38685	0.5	0.3	8.14676	0.03452	8.14472	2.2E+08
17.25348	17.4	17.1	17.97485	18.12103	17.87166	0.41288	0.6	0.3	8.23017	0.02041	8.22833	2.2E+08
17.30626	17.4	17.1	17.99244	18.12103	17.89937	0.37391	0.6	0.3	8.31363	0.0204	8.31138	2.2E+08
17.39359	17.6	17.3	17.98263	18.09332	17.89937	0.28287	0.49999	0.1	8.39705	0.03452	8.39472	2.2E+08
17.46322	17.6	17.3	17.89995	18.0379	17.81624	0.2267	0.4	0	8.4805	0.00776	8.47833	2.2E+08
17.46322	17.6	17.3	17.89995	18.0379	17.81624	0.2267	0.4	0	8.56398	0.00642	8.56138	2.2E+08
17.63312	17.7	17.6	17.88827	17.95478	17.81624	0.10967	0.19999	0	8.64741	0.0346	8.645	2.2E+08
17.63312	17.7	17.6	17.88827	17.95478	17.81624	0.10967	0.19999	0	8.73085	0.06919	8.72805	2.2E+08
17.6664	17.7	17.6	17.89002	17.95478	17.78853	0.09321	0.19999	0	8.81431	0.0346	8.81138	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.69999	17.8	17.6	17.84433	17.92707	17.73311	0.0966	0.19999	0	8.89776	0	8.89472	2.2E+08
17.7	17.7	17.7	17.86537	17.92707	17.76082	0.10671	0.3	0.09999	8.9812	0.02037	8.97805	2.2E+08
17.73596	17.9	17.7	17.89989	18.01019	17.76082	0.13366	0.4	0	9.06462	0.06922	9.06138	2.2E+08
17.90336	18	17.8	17.93525	18.0379	17.84395	0.16672	0.3	0.09999	9.14805	0.0346	9.145	2.2E+08
17.90336	18	17.8	17.93525	18.0379	17.84395	0.16672	0.3	0.09999	9.23154	0.02036	9.22805	2.2E+08
17.9163	18	17.9	17.93366	18.01019	17.87166	0.18371	0.3	0.09999	9.31499	0.0346	9.31166	2.2E+08
17.93951	18	17.9	17.93309	18.01019	17.84395	0.18735	0.3	0.09999	9.39842	0	9.39472	2.2E+08
17.71392	17.8	17.6	17.93905	18.06561	17.81624	0.50289	0.6	0.4	9.48186	0.04076	9.47833	2.2E+08
17.71392	17.8	17.6	17.93905	18.06561	17.81624	0.50289	0.69999	0.3	9.56529	0.03455	9.56166	2.2E+08
17.74369	17.9	17.7	17.938	18.01019	17.84395	0.53278	0.69999	0.3	9.64872	0	9.64472	2.2E+08
17.80318	17.9	17.7	17.92375	18.01019	17.84395	0.52704	0.69999	0.3	9.73219	0.03459	9.72833	2.2E+08
17.80318	17.9	17.7	17.92375	18.01019	17.84395	0.52704	0.69999	0.3	9.81568	0	9.81138	2.2E+08
17.86709	17.9	17.7	17.93381	18.01019	17.81624	0.50938	0.69999	0.39999	9.89917	0.01423	9.89472	2.2E+08
17.89042	18	17.7	17.93894	18.01019	17.87166	0.49276	0.59999	0.39999	9.98266	0	9.97805	2.2E+08
17.89665	18	17.7	17.92175	18.01019	17.84395	0.5235	0.69999	0.39999	10.06615	0	10.06166	2.2E+08
17.89665	18	17.7	17.92175	18.01019	17.84395	0.5235	0.9	0.49999	10.14962	0.03459	10.14472	2.2E+08
17.8466	17.9	17.7	17.93244	18.06561	17.84395	0.58704	0.9	0.49999	10.23309	0.04884	10.22805	2.2E+08
17.94335	18	17.9	17.96294	18.06561	17.87166	0.57597	0.69999	0.39999	10.31653	0.06919	10.31166	2.2E+08
17.94335	18	17.9	17.96294	18.06561	17.87166	0.57597	0.69999	0.39999	10.39999	0	10.39472	2.2E+08
17.91344	18	17.9	17.96172	18.0379	17.87166	0.6395	0.69999	0.39999	10.48346	0	10.47805	2.2E+08
17.94705	18	17.9	17.92418	18.01019	17.84395	0.66302	0.8	0.59999	10.56695	0.0346	10.56166	2.2E+08
17.94705	18	17.9	17.92418	18.01019	17.84395	0.66302	0.8	0.59999	10.65044	0	10.64472	2.2E+08
17.91309	18	17.8	17.96111	18.09332	17.87166	0.71377	0.8	0.59999	10.73393	0	10.72805	2.2E+08
17.80355	17.9	17.7	17.90872	18.01019	17.84395	0.83006	1	0.69999	10.81738	0.03459	10.81166	2.2E+08
17.80355	17.9	17.7	17.90872	18.01019	17.84395	0.83006	1	0.69999	10.90082	0.00617	10.89472	2.2E+08
17.80691	17.9	17.7	17.91369	17.98248	17.84395	0.79981	1	0.69999	10.98425	0.03459	10.97833	2.2E+08
17.80691	17.9	17.7	17.91369	17.98248	17.84395	0.79981	1	0.69999	11.0677	0	11.06138	2.2E+08
17.71681	17.9	17.7	17.93238	18.0379	17.87166	0.88991	1	0.59999	11.15115	0.0142	11.14472	2.2E+08
17.83009	17.9	17.7	17.97449	18.06561	17.89937	0.75647	0.9	0.49999	11.2346	0.00777	11.22833	2.2E+08
17.83009	17.9	17.7	17.97449	18.06561	17.89937	0.75647	0.8	0.49999	11.31807	0	11.31166	2.2E+08
17.8765	17.9	17.8	17.95436	18.0379	17.87166	0.6765	0.8	0.49999	11.40152	0.0346	11.39472	2.2E+08
17.90672	18	17.8	17.9562	18.0379	17.87166	0.64793	0.8	0.39999	11.48498	0.01423	11.47833	2.2E+08
17.90672	18	17.8	17.9562	18.0379	17.87166	0.64793	0.8	0.39999	11.56841	0.0346	11.56138	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
17.90672	18	17.9	17.93591	18.01019	17.84395	0.65293	0.69999	0.49999	11.65183	0.05495	11.645	2.2E+08
17.90335	18	17.9	17.95962	18.06561	17.87166	0.63612	0.69999	0.49999	11.73526	0.02037	11.72805	2.2E+08
17.95682	18	17.9	17.93676	18.01019	17.87166	0.59954	0.8	0.39999	11.81869	0	11.81166	2.2E+08
17.9264	18	17.9	17.9711	18.0379	17.87166	0.6376	0.8	0.39999	11.90214	0.04718	11.89472	2.2E+08
17.94053	18.2	17.8	17.98389	18.09332	17.87166	0.63927	0.8	0.39999	11.98561	0	11.97805	2.2E+08
17.93695	18	17.9	17.97544	18.09332	17.89937	0.66303	0.8	0.49999	12.06906	0.01423	12.06166	2.2E+08
17.93695	18	17.9	17.97544	18.09332	17.89937	0.66303	0.8	0.49999	12.15253	0.03458	12.14472	2.2E+08
17.89663	18	17.8	17.96075	18.0379	17.87166	0.69661	0.8	0.49999	12.23598	0	12.22805	2.2E+08
17.92015	18	17.9	17.94508	18.0379	17.84395	0.67595	0.8	0.49999	12.31943	0.01421	12.31138	2.2E+08
17.87417	18	17.7	17.93126	18.01019	17.87166	0.72243	0.9	0.49999	12.40287	0.02038	12.395	2.2E+08
17.87417	18	17.7	17.93126	18.01019	17.87166	0.72243	0.9	0.49999	12.48631	0.0346	12.47805	2.2E+08
17.85325	18	17.7	17.91681	17.98248	17.84395	0.72994	0.9	0.49999	12.56974	0.03459	12.56138	2.2E+08
17.90335	18	17.8	17.9206	17.98248	17.81624	0.68322	0.9	0.49999	12.65317	0.06919	12.645	2.2E+08
17.90335	18	17.8	17.9206	17.98248	17.81624	0.68322	0.9	0.49999	12.7366	0	12.72805	2.2E+08
17.88317	18	17.7	17.87026	17.95478	17.78853	0.73648	1	0.59999	12.82004	0	12.81166	2.2E+08
17.88317	18	17.7	17.87026	17.95478	17.78853	0.73648	1	0.59999	12.90351	0	12.89472	2.2E+08
17.99044	18.2	17.9	17.84597	17.95478	17.73311	0.65914	0.8	0.5	12.98698	0.0346	12.97833	2.2E+08
17.99044	18.2	17.9	17.84597	17.95478	17.73311	0.65914	0.8	0.5	13.07042	0.06919	13.06138	2.2E+08
17.91396	18	17.8	17.82969	17.89937	17.7054	0.79312	0.99999	0.59999	13.15385	0.01421	13.145	2.2E+08
17.91396	18	17.8	17.82969	17.89937	17.7054	0.79312	0.99999	0.59999	13.23729	0.03458	13.22805	2.2E+08
17.83977	17.9	17.7	17.82785	17.92707	17.7054	0.88072	1.09999	0.8	13.32075	0	13.31138	2.2E+08
17.9869	18.2	17.9	17.81975	17.89937	17.73311	0.7862	0.89999	0.59999	13.40421	0.02683	13.39472	2.2E+08
18.07389	18.3	17.9	17.76099	17.84395	17.64999	0.71264	0.89999	0.49999	13.48765	0.03461	13.47805	2.2E+08
18.27983	18.3	18.2	17.72697	17.81624	17.64999	0.56722	0.69999	0.49999	13.57108	0.03461	13.56166	2.2E+08
18.27983	18.3	18.2	17.72697	17.81624	17.64999	0.56722	0.69999	0.49999	13.65454	0.02034	13.64472	2.2E+08
18.47391	18.6	18.4	17.7562	17.81624	17.6777	0.43617	0.59999	0.3	13.73801	0	13.72833	2.2E+08
18.47391	18.6	18.4	17.7562	17.81624	17.6777	0.43617	0.59999	0.3	13.82147	0	13.81138	2.2E+08
18.47294	18.6	18.3	17.7473	17.81624	17.6777	0.58653	0.8	0.39999	13.9049	0.02033	13.89472	2.2E+08
18.6269	18.8	18.6	17.67489	17.78853	17.51145	0.62298	0.69999	0.4	13.98832	0	13.97833	2.2E+08
18.6269	18.8	18.6	17.67489	17.78853	17.51145	0.62298	0.99999	0.39999	14.07176	0.01255	14.06138	2.2E+08
18.61014	18.9	18.5	17.66335	17.76082	17.53916	0.7229	0.99999	0.39999	14.15519	0	14.14472	2.2E+08
18.62388	18.9	18.5	17.63364	17.73311	17.48374	0.76973	0.99999	0.39999	14.23863	0.03468	14.22805	2.2E+08
18.8012	19.2	18.6	17.51134	17.64999	17.40062	0.79581	1	0.4	14.32209	0.01442	14.31166	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Ti	Filter ID
18.8012	19.2	18.6	17.51134	17.64999	17.40062	0.79581	0.89999	0.59999	14.40553	0.03471	14.395	2.2E+08
19.03662	19.2	18.9	17.46903	17.59458	17.34521	0.73648	0.89999	0.59999	14.48897	0	14.47805	2.2E+08
18.87364	19	18.6	17.50424	17.7054	17.40062	0.9465	1.19999	0.79999	14.5724	0.00777	14.56138	2.2E+08
18.98926	19.4	18.5	17.47272	17.64999	17.37291	0.92755	1.39999	0.49999	14.65587	0.06947	14.645	2.2E+08
19.23676	19.5	19	17.57767	17.7054	17.40062	0.84038	1.09999	0.49999	14.73932	0	14.72833	2.2E+08
19.23676	19.5	19	17.57767	17.7054	17.40062	0.84038	1.19999	0.8	14.82276	0.01443	14.81166	2.2E+08
19.06635	19.2	19	17.58246	17.73311	17.42833	1.04318	1.19999	0.8	14.90619	0	14.89472	2.2E+08
18.99664	19.1	18.9	17.59384	17.78853	17.45604	1.1538	1.19999	1.09999	14.98962	0.06364	14.97805	2.2E+08
19.27515	19.6	19	17.55758	17.7054	17.40062	1.17544	1.49999	0.8	15.07307	0.0203	15.06166	2.2E+08
19.28869	19.5	19	17.54889	17.7054	17.40062	1.2612	1.5	0.99999	15.1565	0.01441	15.145	2.2E+08
19.28869	19.5	19	17.54889	17.7054	17.40062	1.2612	1.5	0.99999	15.23997	0	15.22805	2.2E+08
19.35381	19.6	19	17.48804	17.64999	17.37291	1.25327	1.5	1.09999	15.32343	0.05503	15.31138	2.2E+08
19.40621	19.6	19.2	17.47479	17.6777	17.34521	1.31002	1.59999	1.1	15.40687	0.04054	15.39472	2.2E+08
19.50503	19.6	19.2	17.51039	17.6777	17.40062	1.28822	1.59999	1.1	15.49031	0.07527	15.47805	2.2E+08
19.3469	19.6	19.2	17.56245	17.7054	17.37291	1.63981	1.9	1.29999	15.57376	0	15.56138	2.2E+08
19.67661	20.1	19.2	17.55976	17.78853	17.37291	1.42372	1.8	1	15.65721	0.03485	15.64472	2.2E+08
20.18658	20.3	20	17.66945	17.76082	17.51145	0.95656	1.1	0.8	15.74065	0.04034	15.72805	2.2E+08
20.29677	20.9	20	17.71819	17.81624	17.53916	0.96658	1.29999	0.39999	15.82407	0.01321	15.81138	2.2E+08
21.08342	21.4	20.7	17.92746	18.06561	17.76082	0.70969	1	0.39999	15.90751	0.00942	15.895	2.2E+08
21.08342	21.4	20.7	17.92746	18.06561	17.76082	0.70969	1	0.39999	15.99094	0	15.97805	2.2E+08
21.34036	21.9	20.9	18.04378	18.20415	17.89937	0.81637	1.49999	0.09999	16.07437	0.04034	16.06138	2.2E+08
20.98421	21.4	20.7	18.23746	18.34269	18.12103	1.5884	2.09999	0.99999	16.15782	0.04978	16.14472	2.2E+08
21.16066	21.6	20.6	18.27191	18.39811	18.20415	1.76209	2.19999	1.3	16.24126	0.06988	16.22805	2.2E+08
20.9501	21.5	20.4	18.40658	18.59207	18.23186	2.61642	3.19999	1.99999	16.3247	0.01486	16.31166	2.2E+08
20.9501	21.5	20.4	18.40658	18.59207	18.23186	2.61642	3.19999	1.99999	16.40808	0.06043	16.39472	2.2E+08
20.92995	21.3	20.7	18.53238	18.59207	18.45352	3.1576	3.5	2.79999	16.49129	0.04034	16.47833	2.2E+08
20.92995	21.3	20.7	18.53238	18.59207	18.45352	3.1576	3.5	2.79999	16.57449	0.0257	16.56138	2.2E+08
20.59164	20.9	20.3	18.45528	18.56436	18.28728	3.40909	3.09999	2.4	16.65769	0.00543	16.645	2.2E+08
20.9511	21.3	20.7	18.30629	18.48123	18.20415	2.78216	3.09999	2.4	16.7409	0.02012	16.72805	2.2E+08
21.03849	21.5	20.6	18.36875	18.50894	18.23186	2.67462	3.19999	2.19999	16.82411	0.01476	16.81138	2.2E+08
21.16251	21.5	20.7	18.40891	18.59207	18.23186	2.59411	3.09999	2.19999	16.90731	0.01477	16.89472	2.2E+08
20.48005	21	20.1	18.55314	18.64748	18.42581	3.29023	3.69999	2.69999	16.99052	0.0551	16.97805	2.2E+08
21.11152	21.4	20.9	18.42872	18.59207	18.25957	2.58489	3.1	1.8	17.07372	0.04992	17.06138	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
21.33011	21.9	20.6	18.48409	18.59207	18.34269	2.40631	3.1	1.8	17.15693	0.02014	17.14472	2.2E+08
21.39655	21.9	20.9	18.53508	18.61977	18.39811	2.41351	2.89999	1.89999	17.24014	0.02013	17.22805	2.2E+08
21.24677	21.6	21	18.60401	18.70289	18.53665	2.72308	3.09999	2.19999	17.32334	0.03507	17.31138	2.2E+08
21.82051	22.4	21.5	18.60795	18.7306	18.50894	2.31927	2.69999	1.69999	17.40655	0.05514	17.395	2.2E+08
21.82051	22.4	21.5	18.60795	18.7306	18.50894	2.31927	2.69999	1.69999	17.48975	0.02544	17.47805	2.2E+08
21.75489	22.4	20.7	18.62303	18.81373	18.50894	2.44847	3.5	1.8	17.57295	0.03508	17.56166	2.2E+08
21.75489	22.4	20.7	18.62303	18.81373	18.50894	2.44847	3.5	1.8	17.65615	0	17.64472	2.2E+08
21.77455	22.2	21.3	18.77377	18.92456	18.56436	2.49572	2.99999	2	17.73936	0.02008	17.72833	2.2E+08
21.63986	22.1	21.3	18.88165	18.95227	18.75831	2.66966	2.99999	2.19999	17.82256	0	17.81166	2.2E+08
21.63986	22.1	21.3	18.88165	18.95227	18.75831	2.66966	2.99999	2.19999	17.90577	0.10326	17.89472	2.2E+08
22.25288	22.6	21.8	18.82576	18.92456	18.67519	2.10061	2.59999	1.6	17.98898	0.03238	17.97833	2.2E+08
22.25288	22.6	21.8	18.82576	18.92456	18.67519	2.10061	2.59999	1.6	18.07219	0.04006	18.06166	2.2E+08
22.09657	23	21.5	18.89123	18.95227	18.78602	2.30679	3.09999	1.39999	18.15539	0.02005	18.14472	2.2E+08
22.34315	22.8	21.9	18.94597	19.09081	18.84143	2.13646	2.59999	1.59999	18.23859	0.03524	18.22805	2.2E+08
23.19672	23.4	22.6	18.94369	19.09081	18.84143	1.54303	2.19999	1.3	18.32179	0.01512	18.31166	2.2E+08
23.19672	23.4	22.6	18.94369	19.09081	18.84143	1.54303	2.19999	1.3	18.405	0	18.39472	2.2E+08
22.917	23.7	22.5	19.09572	19.22935	18.95227	1.91269	2.3	1.19999	18.4882	0.02001	18.47805	2.2E+08
23.02563	23.2	22.7	19.19063	19.25706	19.09081	2.19401	2.5	1.8	18.5714	0	18.56166	2.2E+08
23.02563	23.2	22.7	19.19063	19.25706	19.09081	2.19401	2.5	1.8	18.65461	0	18.64472	2.2E+08
23.32115	23.7	23	19.22094	19.31247	19.14622	2.02536	2.59999	1.8	18.73781	0.01997	18.72833	2.2E+08
23.27262	23.7	22.8	19.24996	19.36789	19.14622	2.17725	2.59999	1.8	18.82101	0.03213	18.81138	2.2E+08
24.10419	24.4	23.8	19.22977	19.36789	19.11851	1.6756	1.99999	1.19999	18.90422	0.03537	18.895	2.2E+08
24.10419	24.4	23.8	19.22977	19.36789	19.11851	1.6756	1.99999	1.19999	18.98742	0.01553	18.97805	2.2E+08
24.27606	24.6	23.9	19.34879	19.45101	19.25706	1.59363	1.99999	1.3	19.07063	0.10629	19.06138	2.2E+08
24.44596	24.6	23.9	19.44863	19.70038	19.36789	1.71397	2.3	1.5	19.15383	0.01543	19.145	2.2E+08
24.44596	24.6	23.9	19.44863	19.70038	19.36789	1.71397	2.3	1.5	19.23704	0.02758	19.22805	2.2E+08
24.02028	24.6	23.7	19.70625	19.92205	19.50643	2.46961	2.8	1.9	19.32024	0	19.31166	2.2E+08
24.02028	24.6	23.7	19.70625	19.92205	19.50643	2.46961	2.8	1.9	19.40345	0.01985	19.39472	2.2E+08
25.66666	26	25.5	19.44647	19.58955	19.34018	1.10004	1.29999	0.79999	19.48665	0.03558	19.47833	2.2E+08
25.66666	26	25.5	19.44647	19.58955	19.34018	1.10004	1.29999	0.79999	19.56986	0.00413	19.56138	2.2E+08
25.93969	26.2	25.6	19.54782	19.78351	19.39559	1.23372	1.5	0.9	19.65306	0	19.645	2.2E+08
25.93969	26.2	25.6	19.54782	19.78351	19.39559	1.23372	1.5	0.9	19.73626	0.00779	19.72805	2.2E+08
26.19631	26.3	26.1	19.56228	19.81122	19.39559	1.21632	1.4	0.99999	19.81947	0.01986	19.81138	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
25.4266	25.7	25.2	19.79107	19.94975	19.61726	2.44626	2.8	2.09999	19.90267	0.00421	19.895	2.2E+08
25.4266	25.7	25.2	19.79107	19.94975	19.61726	2.44626	2.8	2.09999	19.98587	0.03547	19.97805	2.2E+08
24.65182	24.9	24.2	19.78338	19.94975	19.53414	3.45855	3.8	3.09999	20.06908	0.05086	20.06166	2.2E+08
24.65182	24.9	24.2	19.78338	19.94975	19.53414	3.45855	3.8	3.09999	20.15229	0.04319	20.14472	2.2E+08
24.30556	24.6	24	19.53684	19.78351	19.36789	3.44896	3.4	2.59999	20.2355	0.05091	20.22833	2.2E+08
24.42286	24.8	24.2	19.45024	19.61726	19.34018	3.01008	3.4	2.59999	20.3187	0.04297	20.31138	2.2E+08
24.23716	24.4	23.8	19.42835	19.53414	19.34018	2.98269	3.49999	2.8	20.40191	0.03088	20.395	2.2E+08
24.23716	24.4	23.8	19.42835	19.53414	19.34018	2.98269	3.49999	2.8	20.48512	0	20.47805	2.2E+08
24.21316	24.4	24	19.44616	19.56184	19.34018	2.96663	3.19999	2.69999	20.56832	0.1417	20.56138	2.2E+08
24.06391	24.3	23.8	19.47003	19.58955	19.36789	3.0731	3.3	2.8	20.65153	0.01996	20.64472	2.2E+08
23.96669	24.2	23.9	19.43439	19.61726	19.31247	3.01059	3.19999	2.59999	20.73473	0.05985	20.72805	2.2E+08
23.97983	24.3	23.7	19.41798	19.50643	19.36789	2.78038	3.09999	2.4	20.81794	0.03536	20.81166	2.2E+08
23.97983	24.3	23.7	19.41798	19.50643	19.36789	2.78038	3.09999	2.4	20.90114	0.0045	20.89472	2.2E+08
23.85197	24.2	23.6	19.38598	19.47872	19.22935	2.87795	3.19999	2.5	20.98434	0.03992	20.97805	2.2E+08
23.94401	24	23.8	19.38111	19.45101	19.31247	2.72908	2.9	2.59999	21.06755	0	21.06138	2.2E+08
23.55972	23.9	23.2	19.40988	19.47872	19.34018	3.05732	3.4	2.69999	21.15075	0	21.14472	2.2E+08
23.39719	23.6	23.3	19.35139	19.47872	19.20164	2.98531	3.19999	2.8	21.23396	0	21.22805	2.2E+08
23.36702	23.6	23.2	19.29046	19.4233	19.14622	2.82626	3.09999	2.6	21.31716	0.02002	21.31138	2.2E+08
22.93879	23.2	22.5	19.20076	19.28476	19.09081	3.04464	3.4	2.89999	21.40036	0.02004	21.395	2.2E+08
22.93879	23.2	22.5	19.20076	19.28476	19.09081	3.04464	3.99999	3.09999	21.48357	0.04225	21.47805	2.2E+08
22.14328	22.6	21.4	19.18177	19.31247	19.0631	3.48048	3.99999	3.09999	21.56677	0.03505	21.56138	2.2E+08
21.32937	21.4	21	18.87807	18.97997	18.75831	3.08096	3.39999	2.8	21.64998	0.02013	21.645	2.2E+08
21.32937	21.4	21	18.87807	18.97997	18.75831	3.08096	3.39999	2.8	21.73318	0	21.72805	2.2E+08
21.19068	21.4	21	18.84225	18.95227	18.70289	2.95602	3.19999	2.79999	21.81638	0.05518	21.81138	2.2E+08
20.85743	21	20.7	18.7585	18.92456	18.64748	2.71557	2.9	2.49999	21.89959	0	21.895	2.2E+08
20.85743	21	20.7	18.7585	18.92456	18.64748	2.71557	2.9	2.49999	21.98279	0.00779	21.97805	2.2E+08
20.31433	20.4	20.1	18.68322	18.75831	18.56436	2.74309	2.9	2.59999	22.06599	0.02021	22.06166	2.2E+08
20.31433	20.4	20.1	18.68322	18.75831	18.56436	2.74309	2.9	2.59999	22.14919	0.0349	22.14472	2.2E+08
20.18348	20.4	20	18.63584	18.75831	18.48123	2.67003	2.8	2.49999	22.2324	0.06984	22.22805	2.2E+08
20.04038	20.1	20	18.53712	18.64748	18.39811	2.53602	2.79999	2.39999	22.3156	0.06984	22.31138	2.2E+08
19.98653	20.1	19.8	18.47617	18.59207	18.3704	2.3373	2.5	2.19999	22.39881	0.01461	22.395	2.2E+08
19.72983	20	19.6	18.43326	18.53665	18.34269	2.31099	2.5	2.19999	22.48201	0	22.47805	2.2E+08
19.56022	19.7	19.4	18.39295	18.48123	18.25957	2.22353	2.39999	2.09999	22.56521	0.03483	22.56138	2.2E+08

Tamb Avg	Tamb Max	Tamb Min	Press Avg	Press Max	Press Min	Tvar Avg	Tvar Max	Tvar Min	Flow Total	Flow CV	Sample Tim	Filter ID
19.46355	19.6	19.4	18.30156	18.45352	18.09332	2.02285	2.19999	1.8	22.64841	0.00779	22.64472	2.2E+08
19.34061	19.4	19.2	18.19843	18.31499	18.12103	1.92255	2.19999	1.8	22.73162	0.11016	22.72805	2.2E+08
19.02994	19.2	19	18.33659	18.42581	18.23186	1.77299	2.09999	1.5	22.81482	0.00577	22.81166	2.2E+08
19.02994	19.2	19	18.33659	18.42581	18.23186	1.77299	1.69999	1.4	22.89802	0.03478	22.89472	2.2E+08
19.02345	19.2	18.9	18.35552	18.45352	18.28728	1.56369	1.69999	1.4	22.98123	0.03478	22.97805	2.2E+08
18.92017	19	18.9	18.27147	18.3704	18.20415	1.22994	1.3	1.19999	23.06443	0	23.06166	2.2E+08
18.92017	19	18.9	18.27147	18.3704	18.20415	1.22994	1.5	1.09999	23.14763	0	23.145	2.2E+08
18.6697	18.9	18.6	18.29594	18.39811	18.20415	1.29691	1.5	1.09999	23.23084	0.02695	23.22805	2.2E+08
18.5933	18.8	18.5	18.34564	18.42581	18.23186	1.02005	1.3	0.69999	23.31404	0	23.31166	2.2E+08
18.5933	18.8	18.5	18.34564	18.42581	18.23186	1.02005	1.3	0.69999	23.39724	0.02617	23.39472	2.2E+08
18.70762	18.9	18.6	18.34464	18.42581	18.23186	0.7291	0.9	0.39999	23.48045	0.00586	23.47805	2.2E+08
18.83636	18.9	18.6	18.24855	18.34269	18.17644	0.38011	0.6	0.3	23.56365	0.03477	23.56166	2.2E+08
18.83636	18.9	18.6	18.24855	18.34269	18.17644	0.38011	0.6	0.3	23.64685	0.06175	23.64472	2.2E+08
18.90337	19	18.8	18.25667	18.34269	18.14873	0.15373	0.4	0	23.73005	0.03478	23.72805	2.2E+08
19.13002	19.2	19	18.25697	18.3704	18.17644	0.27679	0.4	0.1	23.81326	0.00779	23.81166	2.2E+08
19.13002	19.2	19	18.25697	18.3704	18.17644	0.27679	0.4	0.1	23.89646	0.00779	23.89472	2.2E+08
19.23362	19.4	19.2	18.23809	18.34269	18.14873	0.43975	0.7	0.4	23.97966	0	23.97833	2.2E+08
19.13842	19.4	19	4.30197	18.31499	0	0.47765	0.8	0.3	24.00277	0	24.00055	2.2E+08

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Project Name	TE-Wilbur screen program V3.5	4.91	
File Type	Alarm Log Data		
SARTI5 PM2.5			
Time	Status	Ch.No.	Message
10/11/2016 10:41:26	Recovery	3-0	Mains Power Lost
10/11/2016 10:41:28	Occurrence	2-2	Power Failure
10/11/2016 10:41:33	Recovery	2-2	Power Failure
10/11/2016 11:27:47	Occurrence	1-1	Leak Check Started
10/11/2016 11:29:10	Recovery	1-1	Leak Check Started
10/11/2016 11:29:10	Occurrence	1-2	Leak check passed
10/11/2016 12:00:38	Occurrence	2-15	Ambient Temperature Updated
10/11/2016 12:00:38	Recovery	2-15	Ambient Temperature Updated
10/11/2016 12:00:58	Occurrence	2-14	Filter Temperature Updated
10/11/2016 12:00:58	Recovery	2-14	Filter Temperature Updated
10/11/2016 12:01:11	Occurrence	2-13	Barometric Pressure Updated
10/11/2016 12:01:11	Recovery	2-13	Barometric Pressure Updated
10/11/2016 12:01:21	Occurrence	1-5	Flow Calibration started
10/11/2016 12:05:49	Occurrence	1-7	Flow Calibration completed - passed
10/11/2016 12:05:50	Recovery	1-5	Flow Calibration started
10/11/2016 12:06:15	Recovery	1-7	Flow Calibration completed - passed
10/11/2016 15:09:30	Recovery	1-2	Leak check passed
10/11/2016 15:09:32	Occurrence	2-2	Power Failure
10/11/2016 15:09:37	Recovery	2-2	Power Failure
10/11/2016 15:10:24	Occurrence	1-10	Sample has been engaged
10/11/2016 15:10:24	Occurrence	1-15	Custom sample selected
10/11/2016 15:15:00	Recovery	1-10	Sample has been engaged
10/11/2016 15:15:00	Occurrence	1-11	Sample has been started
10/11/2016 15:15:16	Occurrence	3-0	Mains Power Lost
10/11/2016 15:15:17	Recovery	3-0	Mains Power Lost
10/12/2016 16:00:01	Recovery	3-0	Mains Power Lost
10/12/2016 16:00:03	Occurrence	2-2	Power Failure
10/12/2016 16:00:09	Recovery	2-2	Power Failure
10/12/2016 17:14:55	Occurrence	1-15	Custom sample selected
10/12/2016 17:14:55	Occurrence	1-10	Sample has been engaged
10/12/2016 17:15:00	Recovery	1-10	Sample has been engaged
10/12/2016 17:15:00	Occurrence	1-11	Sample has been started
10/13/2016 17:15:00	Recovery	1-15	Custom sample selected
10/13/2016 17:15:00	Recovery	1-11	Sample has been started
10/13/2016 19:13:24	Occurrence	1-10	Sample has been engaged
10/13/2016 19:13:24	Occurrence	1-15	Custom sample selected
10/13/2016 19:15:00	Recovery	1-10	Sample has been engaged
10/13/2016 19:15:00	Occurrence	1-11	Sample has been started
10/14/2016 19:15:00	Recovery	1-11	Sample has been started
10/14/2016 19:15:00	Recovery	1-15	Custom sample selected

Project Name	TE-Wilbur screen program V3.5	4.91
File Type	Alarm Log Data	
SARTI3 PM2.5		

Time	Status	Ch.No.	Message
10/11/2016 08:32:15	Recovery	3-0	Mains Power Lost
10/11/2016 08:32:18	Occurrence	2-2	Power Failure
10/11/2016 08:32:23	Recovery	2-2	Power Failure
10/11/2016 08:45:09	Occurrence	2-15	Ambient Temperature Updated
10/11/2016 08:45:09	Recovery	2-15	Ambient Temperature Updated
10/11/2016 08:45:29	Occurrence	2-15	Ambient Temperature Updated
10/11/2016 08:45:29	Recovery	2-15	Ambient Temperature Updated
10/11/2016 08:45:57	Occurrence	2-14	Filter Temperature Updated
10/11/2016 08:45:57	Recovery	2-14	Filter Temperature Updated
10/11/2016 08:46:24	Occurrence	2-13	Barometric Pressure Updated
10/11/2016 08:46:24	Recovery	2-13	Barometric Pressure Updated
10/11/2016 08:47:29	Occurrence	1-5	Flow Calibration started
10/11/2016 08:50:09	Occurrence	1-7	Flow Calibration completed - passed
10/11/2016 08:50:09	Recovery	1-5	Flow Calibration started
10/11/2016 08:51:04	Recovery	1-7	Flow Calibration completed - passed
10/11/2016 08:52:53	Occurrence	1-1	Leak Check Started
10/11/2016 08:54:18	Recovery	1-1	Leak Check Started
10/11/2016 08:54:18	Occurrence	1-2	Leak check passed
10/11/2016 15:21:57	Occurrence	1-15	Custom sample selected
10/11/2016 15:21:57	Occurrence	1-10	Sample has been engaged
10/11/2016 15:25:00	Recovery	1-10	Sample has been engaged
10/11/2016 15:25:00	Occurrence	1-11	Sample has been started
10/12/2016 15:25:00	Recovery	1-11	Sample has been started
10/12/2016 15:25:00	Recovery	1-15	Custom sample selected
10/12/2016 16:57:33	Occurrence	1-10	Sample has been engaged
10/12/2016 16:57:33	Occurrence	1-15	Custom sample selected
10/12/2016 17:00:00	Recovery	1-10	Sample has been engaged
10/12/2016 17:00:00	Occurrence	1-11	Sample has been started
10/13/2016 17:00:00	Recovery	1-11	Sample has been started
10/13/2016 17:00:00	Recovery	1-15	Custom sample selected
10/13/2016 19:08:21	Occurrence	1-10	Sample has been engaged
10/13/2016 19:08:21	Occurrence	1-15	Custom sample selected
10/13/2016 19:10:01	Recovery	1-10	Sample has been engaged
10/13/2016 19:10:01	Occurrence	1-11	Sample has been started
10/14/2016 19:10:00	Recovery	1-11	Sample has been started
10/14/2016 19:10:00	Recovery	1-15	Custom sample selected

Project Name	TE-Wilbur screen program V3.5	4.91	
File Type	Alarm Log Data		
SARTI4 PM2.5			
Time	Status	Ch.No.	Message
10/11/2016 09:59:49	Recovery	3-0	Mains Power Lost
10/11/2016 09:59:51	Occurrence	2-2	Power Failure
10/11/2016 09:59:56	Recovery	2-2	Power Failure
10/11/2016 10:01:31	Occurrence	1-1	Leak Check Started
10/11/2016 10:02:54	Recovery	1-1	Leak Check Started
10/11/2016 10:02:54	Occurrence	1-2	Leak check passed
10/11/2016 10:04:59	Occurrence	2-15	Ambient Temperature Updated
10/11/2016 10:04:59	Recovery	2-15	Ambient Temperature Updated
10/11/2016 10:05:19	Occurrence	2-14	Filter Temperature Updated
10/11/2016 10:05:19	Recovery	2-14	Filter Temperature Updated
10/11/2016 10:05:37	Occurrence	2-13	Barometric Pressure Updated
10/11/2016 10:05:37	Recovery	2-13	Barometric Pressure Updated
10/11/2016 10:06:02	Occurrence	1-5	Flow Calibration started
10/11/2016 10:07:43	Occurrence	1-7	Flow Calibration completed - passed
10/11/2016 10:07:43	Recovery	1-5	Flow Calibration started
10/11/2016 10:08:22	Recovery	1-7	Flow Calibration completed - passed
10/11/2016 12:41:09	Occurrence	3-0	Mains Power Lost
10/11/2016 12:42:59	Occurrence	3-7	Battery discharged
10/11/2016 12:43:00	Occurrence	3-8	Battery Failure - Replace Batteries
10/11/2016 12:46:46	Recovery	3-0	Mains Power Lost
10/11/2016 14:58:21	Recovery	3-7	Battery discharged
10/11/2016 14:58:21	Recovery	3-8	Battery Failure - Replace Batteries
10/11/2016 14:59:13	Occurrence	1-10	Sample has been engaged
10/11/2016 14:59:13	Occurrence	1-15	Custom sample selected
10/11/2016 15:02:48	Recovery	1-10	Sample has been engaged
10/11/2016 15:02:48	Recovery	1-15	Custom sample selected
10/11/2016 15:02:58	Occurrence	1-10	Sample has been engaged
10/11/2016 15:02:58	Occurrence	1-15	Custom sample selected
10/11/2016 15:03:00	Recovery	1-10	Sample has been engaged
10/11/2016 15:03:00	Occurrence	1-11	Sample has been started
10/11/2016 15:03:22	Recovery	1-11	Sample has been started
10/11/2016 15:03:22	Recovery	1-15	Custom sample selected
10/11/2016 15:03:32	Occurrence	1-10	Sample has been engaged
10/11/2016 15:03:32	Occurrence	1-15	Custom sample selected
10/11/2016 15:04:27	Recovery	1-10	Sample has been engaged
10/11/2016 15:04:27	Recovery	1-15	Custom sample selected
10/11/2016 15:04:36	Occurrence	1-15	Custom sample selected
10/11/2016 15:04:37	Occurrence	1-10	Sample has been engaged
10/11/2016 15:05:00	Recovery	1-10	Sample has been engaged
10/11/2016 15:05:00	Occurrence	1-11	Sample has been started
10/12/2016 15:05:00	Recovery	1-11	Sample has been started
10/12/2016 15:05:00	Recovery	1-15	Custom sample selected
10/12/2016 16:44:13	Occurrence	1-10	Sample has been engaged
10/12/2016 16:44:13	Occurrence	1-15	Custom sample selected
10/12/2016 16:44:59	Recovery	1-10	Sample has been engaged
10/12/2016 16:44:59	Occurrence	1-11	Sample has been started
10/13/2016 16:45:00	Recovery	1-11	Sample has been started
10/13/2016 16:45:00	Recovery	1-15	Custom sample selected
10/13/2016 19:20:41	Occurrence	1-10	Sample has been engaged
10/13/2016 19:20:41	Occurrence	1-15	Custom sample selected
10/13/2016 19:22:01	Recovery	1-10	Sample has been engaged
10/13/2016 19:22:01	Occurrence	1-11	Sample has been started
10/14/2016 19:22:00	Recovery	1-11	Sample has been started
10/14/2016 19:22:00	Recovery	1-15	Custom sample selected

```
Project Name          TE-Wilbur screen program V3.5      4.91
File Type             Alarm Log Data
SARTI2 PM2.5
Time                  Status                          Ch.No.  Message
 10/11/2016 10:41:47  Recovery                         3-0    Mains Power Lost
 10/11/2016 10:41:53  Occurrence                       2-2    Power Failure
 10/11/2016 10:41:55  Recovery                         2-2    Power Failure
 10/11/2016 11:25:53  Occurrence                       1-1    Leak Check Started
 10/11/2016 11:27:17  Occurrence                       1-2    Leak check passed
 10/11/2016 11:27:17  Recovery                         1-1    Leak Check Started
 10/11/2016 11:45:44  Occurrence                       2-15   Ambient Temperature Updated
 10/11/2016 11:45:44  Recovery                         2-15   Ambient Temperature Updated
 10/11/2016 11:50:30  Occurrence                       2-14   Filter Temperature Updated
 10/11/2016 11:50:30  Recovery                         2-14   Filter Temperature Updated
 10/11/2016 11:50:42  Occurrence                       2-13   Barometric Pressure Updated
 10/11/2016 11:50:42  Recovery                         2-13   Barometric Pressure Updated
 10/11/2016 11:50:48  Occurrence                       1-5    Flow Calibration started
 10/11/2016 11:53:31  Occurrence                       1-7    Flow Calibration completed - passed
 10/11/2016 11:53:31  Recovery                         1-5    Flow Calibration started
 10/11/2016 11:54:03  Recovery                         1-7    Flow Calibration completed - passed
 10/11/2016 12:17:45  Occurrence                       3-0    Mains Power Lost
 10/11/2016 15:15:46  Recovery                         1-2    Leak check passed
 10/11/2016 15:15:46  Recovery                         3-0    Mains Power Lost
 10/11/2016 15:15:52  Occurrence                       2-2    Power Failure
 10/11/2016 15:15:53  Recovery                         2-2    Power Failure
 10/11/2016 15:16:15  Occurrence                       1-10   Sample has been engaged
 10/11/2016 15:16:15  Occurrence                       1-15   Custom sample selected
 10/11/2016 15:17:00  Recovery                         1-10   Sample has been engaged
 10/11/2016 15:17:00  Occurrence                       1-11   Sample has been started
 10/12/2016 15:17:01  Recovery                         1-11   Sample has been started
 10/12/2016 15:17:01  Recovery                         1-15   Custom sample selected
 10/12/2016 17:14:55  Occurrence                       1-10   Sample has been engaged
 10/12/2016 17:14:55  Occurrence                       1-15   Custom sample selected
 10/12/2016 17:15:00  Recovery                         1-10   Sample has been engaged
 10/12/2016 17:15:00  Occurrence                       1-11   Sample has been started
 10/13/2016 11:42:07  Occurrence                       3-0    Mains Power Lost
 10/13/2016 11:42:09  Recovery                         3-0    Mains Power Lost
 10/13/2016 17:15:00  Recovery                         1-11   Sample has been started
 10/13/2016 17:15:00  Recovery                         1-15   Custom sample selected
 10/13/2016 19:13:42  Occurrence                       1-10   Sample has been engaged
 10/13/2016 19:13:42  Occurrence                       1-15   Custom sample selected
 10/13/2016 19:14:59  Recovery                         1-10   Sample has been engaged
 10/13/2016 19:14:59  Occurrence                       1-11   Sample has been started
 10/14/2016 19:15:00  Recovery                         1-15   Custom sample selected
 10/14/2016 19:15:00  Recovery                         1-11   Sample has been started
```

Project Name	TE-Wilbur screen program V3.5	4.91	
File Type	Alarm Log Data		
SARTI1 PM2.5			
Time	Status	Ch.No.	Message
10/11/2016 13:43:46	Recovery	3-0	Mains Power Lost
10/11/2016 13:43:49	Occurrence	2-2	Power Failure
10/11/2016 13:43:54	Recovery	2-2	Power Failure
10/11/2016 13:45:18	Occurrence	1-1	Leak Check Started
10/11/2016 13:46:43	Recovery	1-1	Leak Check Started
10/11/2016 13:46:43	Occurrence	1-2	Leak check passed
10/11/2016 13:49:09	Occurrence	2-15	Ambient Temperature Updated
10/11/2016 13:49:09	Recovery	2-15	Ambient Temperature Updated
10/11/2016 13:49:36	Occurrence	2-14	Filter Temperature Updated
10/11/2016 13:49:37	Recovery	2-14	Filter Temperature Updated
10/11/2016 13:49:50	Occurrence	2-13	Barometric Pressure Updated
10/11/2016 13:49:50	Recovery	2-13	Barometric Pressure Updated
10/11/2016 13:49:54	Occurrence	1-5	Flow Calibration started
10/11/2016 13:51:51	Occurrence	1-7	Flow Calibration completed - passed
10/11/2016 13:51:51	Recovery	1-5	Flow Calibration started
10/11/2016 13:52:35	Recovery	1-7	Flow Calibration completed - passed
10/11/2016 14:26:54	Occurrence	1-10	Sample has been engaged
10/11/2016 14:26:54	Occurrence	1-15	Custom sample selected
10/11/2016 14:30:00	Recovery	1-10	Sample has been engaged
10/11/2016 14:30:00	Occurrence	1-11	Sample has been started
10/12/2016 14:30:01	Recovery	1-11	Sample has been started
10/12/2016 14:30:01	Recovery	1-15	Custom sample selected
10/12/2016 16:29:07	Occurrence	1-10	Sample has been engaged
10/12/2016 16:29:07	Occurrence	1-15	Custom sample selected
10/12/2016 16:30:00	Recovery	1-10	Sample has been engaged
10/12/2016 16:30:00	Occurrence	1-11	Sample has been started
10/13/2016 16:29:59	Recovery	1-11	Sample has been started
10/13/2016 16:29:59	Recovery	1-15	Custom sample selected
10/13/2016 19:26:02	Occurrence	1-10	Sample has been engaged
10/13/2016 19:26:02	Occurrence	1-15	Custom sample selected
10/13/2016 19:30:00	Recovery	1-10	Sample has been engaged
10/13/2016 19:30:00	Occurrence	1-11	Sample has been started
10/14/2016 19:30:01	Recovery	1-15	Custom sample selected
10/14/2016 19:30:01	Recovery	1-11	Sample has been started

PUF Calibration Worksheets

APPENDIX F

TE-1000 PUF Calibration Worksheet

Site Information

Location: Terminal :
Site ID: SARTI
Date: 11-Oct-16
Sampler: TE-1000
Serial No: 1088
Tech: Cord Dennig

Site Conditions

Barometric Pressure (in Hg):	30.25	**Corrected Pressure (mm Hg):**	768.4
Temperature (deg F):	66.0	**Temperature (deg K):**	292.0
Average Pressure (in Hg):	30.25	**Corrected Average Pressure (mm Hg):**	768.4
Average Temperature (deg F):	66.0	**Average Temperature (deg K):**	292.0

Calibration Orifice

Make: Tisch
Model: TE-5040
Serial#: 3024
Qstd Slope: 9.89525
Qstd Intercept: -0.04826
Calibration Due Date: 23-Sep-16

Calibration Information

Plate or Test #	Pressure (in H_20)	Qstd (m3/min)	Flow (magn)	Flow (corrected)
1	7.20	0.280	70.0	8.50
2	6.40	0.265	60.0	7.87
3	5.30	0.241	50.0	7.18
4	4.50	0.223	40.0	6.42
5	3.30	0.191	30.0	5.56

Linear Regression
Slope: 33.0351
Intercept: -0.8215
Corr. Coeff: 0.9978
# of Observations: 5

Calculations

Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]
Flow (corrected)=Sqrt((magn)(Pa/Pstd)(Tstd/Ta))

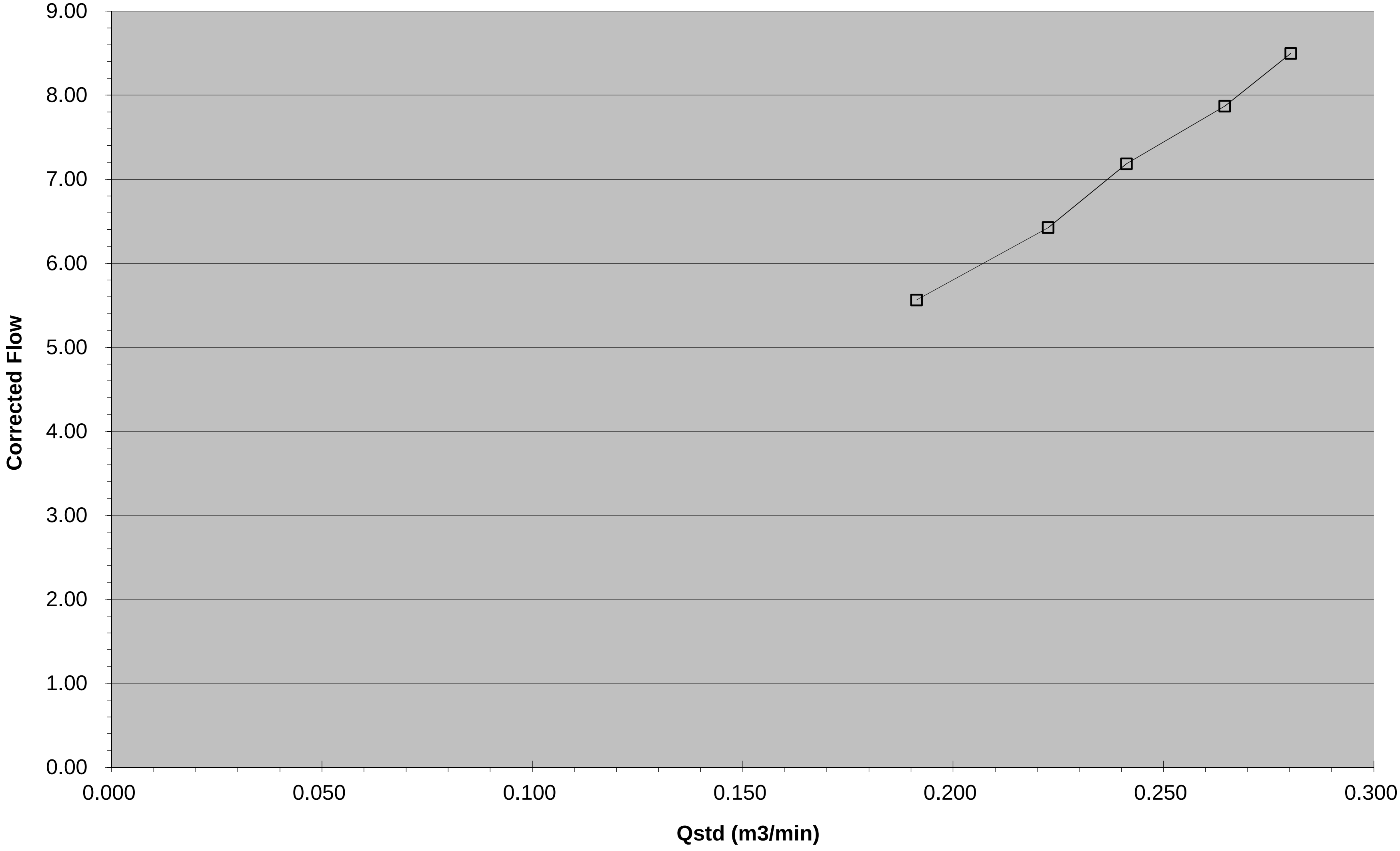
Qstd = standard flow rate
Flow (magn)= reading from magnehelic gauge
Flow (corrected)= corrected flow rate
m = calibrator Qstd slope
b = calibrator Qstd intercept
Ta = actual temperature during calibration (deg K)
Pa = actual pressure during calibration (mm Hg)
Tstd = 298 deg K
Pstd = 760 mm Hg
For subsequent calculation of sampler flow:
Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]

m = sampler slope
b = sampler intercept
(magn) = magnehelic reading
Tav = daily average temperature
Pav = daily average pressure

Average Flow (magn): 60.0
Average Flow Over Sample (m3/min)
0.263022
Enter Total Time (hrs): 24.0
Total Flow Over Sample (m3)
378.7522
Total Flow Over Sample (liters)
378752.2

NOTE: Ensure calibration orifice has been certified within 12 months of use

CALIBRATION



TE-1000 PUF Calibration Worksheet

Site Information

Location:	Terminal :	**Site ID:**	SARTI	**Date:**	11-Oct-16
Sampler:	TE-1000	**Serial No:**	1088	**Tech:**	Cord Dennig

Site Conditions

Barometric Pressure (in Hg):	30.25	**Corrected Pressure (mm Hg):**	768.4
Temperature (deg F):	66.0	**Temperature (deg K):**	292.0
Average Pressure (in Hg):	30.25	**Corrected Average Pressure (mm Hg):**	768.4
Average Temperature (deg F):	66.0	**Average Temperature (deg K):**	292.0

Calibration Orifice

Make:	Tisch	**Qstd Slope:**	9.89525
Model:	TE-5040	**Qstd Intercept:**	-0.04826
Serial#:	3024	**Calibration Due Date:**	23-Sep-16

Calibration Information

Plate or Test #	Pressure (in $H_2$0)	Qstd (m3/min)	Flow (magn)	Flow (corrected)
1	7.60	0.288	70.0	8.50
2	6.80	0.273	60.0	7.87
3	5.60	0.248	50.0	7.18
4	4.70	0.227	40.0	6.42
5	3.30	0.191	30.0	5.56

Linear Regression

Slope: 30.3282
Intercept: -0.3351
Corr. Coeff: 0.9960

# of Observations: 5

Calculations

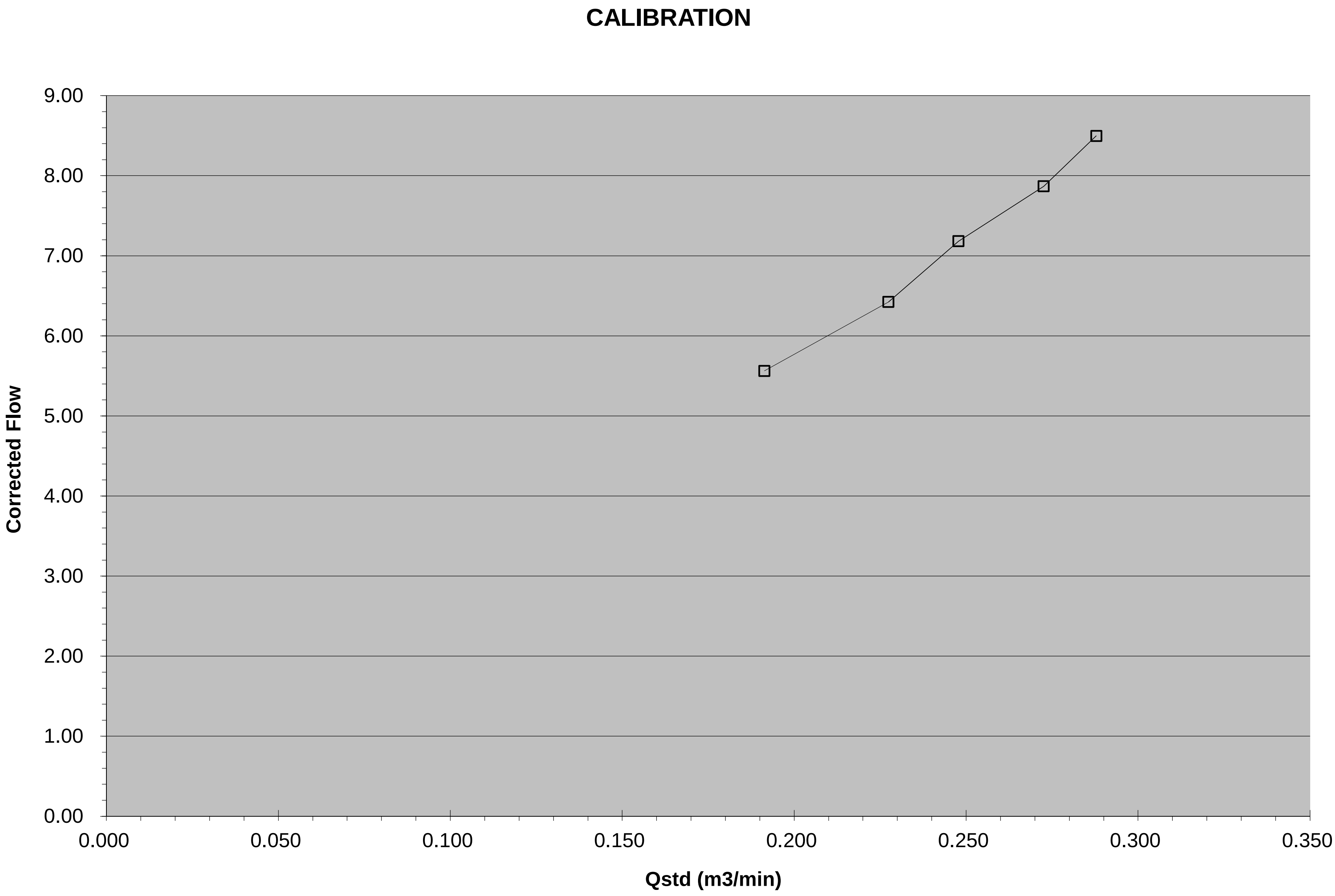
Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]
Flow (corrected)=Sqrt((magn)(Pa/Pstd)(Tstd/Ta))

Qstd = standard flow rate
Flow (magn)= reading from magnehelic gauge
Flow (corrected)= corrected flow rate
m = calibrator Qstd slope
b = calibrator Qstd intercept
Ta = actual temperature during calibration (deg K)
Pa = actual pressure during calibration (mm Hg)
Tstd = 298 deg K
Pstd = 760 mm Hg
For subsequent calculation of sampler flow:
Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]

m = sampler slope
b = sampler intercept
(magn) = magnehelic reading
Tav = daily average temperature
Pav = daily average pressure

Average Flow (magn): 60.0
Average Flow Over Sample (m3/min)
0.270462
Enter Total Time (hrs): 24.0
Total Flow Over Sample (m3)
389.4647146
Total Flow Over Sample (liters)
389464.7146

NOTE: Ensure calibration orifice has been certified within 12 months of use


CALIBRATION
Corrected Flow
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
0.000
0.050
0.100
0.150
0.200
0.250
0.300
0.350
Qstd (m3/min)

TE-1000 PUF Calibration Worksheet

Site Information

Location:	Terminal	**Site ID:**	SARTI	**Date:**	11-Oct-16
Sampler:	TE-1000	**Serial No:**	1091	**Tech:**	Cord Dennig

Site Conditions

Barometric Pressure (in Hg):	30.23	**Corrected Pressure (mm Hg):**	767.8
Temperature (deg F):	62.0	**Temperature (deg K):**	289.8
Average Pressure (in Hg):	30.23	**Corrected Average Pressure (mm Hg):**	767.8
Average Temperature (deg F):	62.0	**Average Temperature (deg K):**	289.8

Calibration Orifice

Make:	Tisch	**Qstd Slope:**	9.89525
Model:	TE-5040	**Qstd Intercept:**	-0.04826
Serial#:	3024	**Calibration Due Date:**	23-Sep-16

Calibration Information

Plate or Test #	Pressure (in H_20)	Qstd (m3/min)	Flow (magn)	Flow (corrected)
1	7.00	0.277	70.0	8.53
2	6.10	0.259	60.0	7.89
3	5.20	0.240	50.0	7.21
4	4.20	0.216	40.0	6.45
5	3.20	0.189	30.0	5.58

Linear Regression

Slope:	33.3209
Intercept:	-0.7423
Corr. Coeff:	0.9997
# of Observations:	5

Calculations

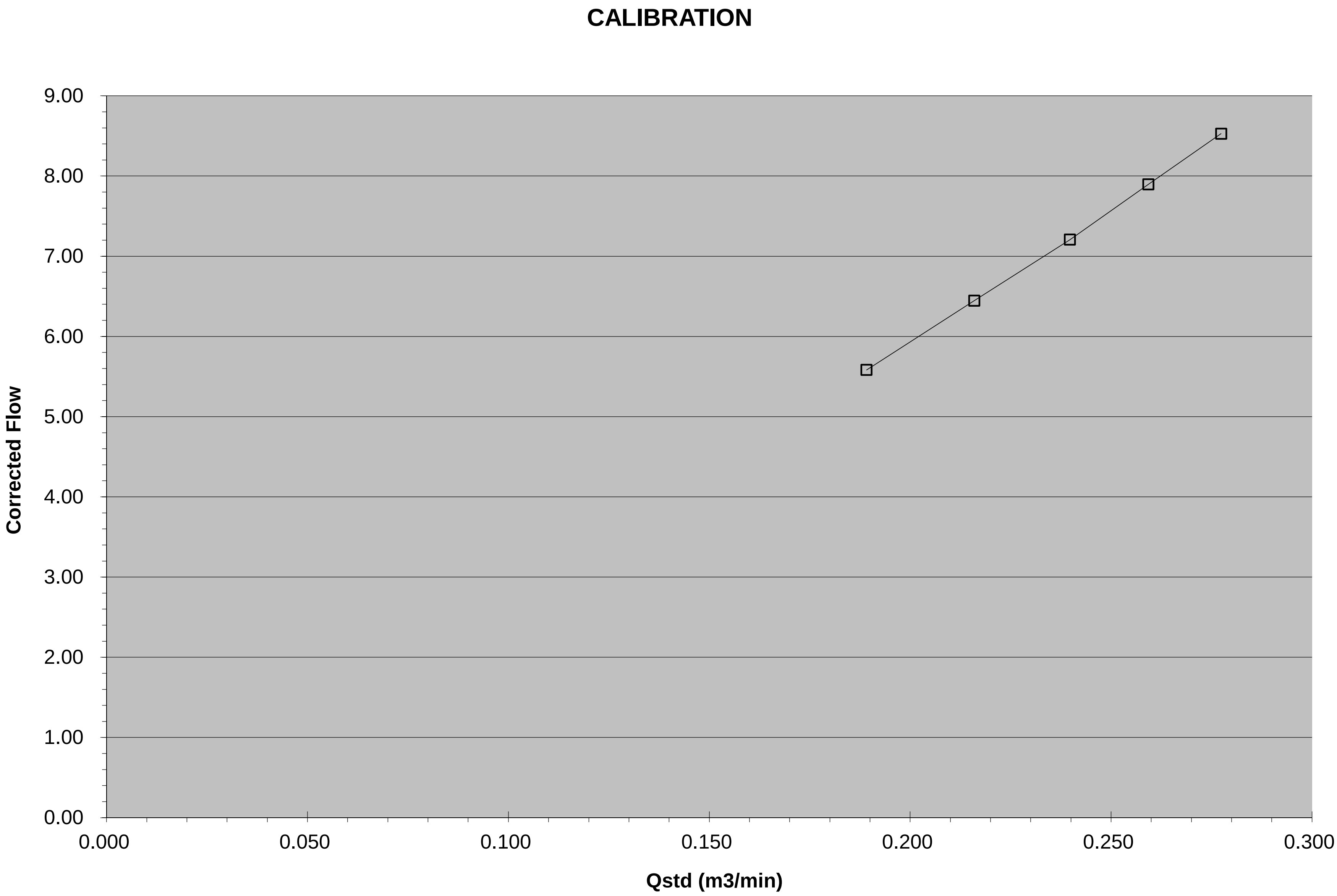
Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]
Flow (corrected)=Sqrt((magn)(Pa/Pstd)(Tstd/Ta))

Qstd = standard flow rate
Flow (magn)= reading from magnehelic gauge
Flow (corrected)= corrected flow rate
m = calibrator Qstd slope
b = calibrator Qstd intercept
Ta = actual temperature during calibration (deg K)
Pa = actual pressure during calibration (mm Hg)
Tstd = 298 deg K
Pstd = 760 mm Hg
For subsequent calculation of sampler flow:
Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]

m = sampler slope
b = sampler intercept
(magn) = magnehelic reading
Tav = daily average temperature
Pav = daily average pressure

Average Flow (magn): 60.0
Average Flow Over Sample (m3/min)
0.259214
Enter Total Time (hrs): 24.0
Total Flow Over Sample (m3)
373.2685869
Total Flow Over Sample (liters)
373268.5869

NOTE: Ensure calibration orifice has been certified within 12 months of use


CALIBRATION
Corrected Flow
Qstd (m3/min)
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
0.000
0.050
0.100
0.150
0.200
0.250
0.300

TE-1000 PUF Calibration Worksheet

Site Information

Location:	Terminal :	**Site ID:**	SARTI	**Date:**	11-Oct-16
Sampler:	TE-1000	**Serial No:**	1091	**Tech:**	Cord Dennig

Site Conditions

Barometric Pressure (in Hg):	30.23	**Corrected Pressure (mm Hg):**	767.8
Temperature (deg F):	62.0	**Temperature (deg K):**	289.8
Average Pressure (in Hg):	30.23	**Corrected Average Pressure (mm Hg):**	767.8
Average Temperature (deg F):	62.0	**Average Temperature (deg K):**	289.8

Calibration Orifice

Make:	Tisch	**Qstd Slope:**	9.89525
Model:	TE-5040	**Qstd Intercept:**	-0.04826
Serial#:	3024	**Calibration Due Date:**	23-Sep-16

Calibration Information

Plate or Test #	Pressure (in $H_2$0)	Qstd (m3/min)	Flow (magn)	Flow (corrected)
1	7.00	0.277	70.0	8.53
2	6.10	0.259	60.0	7.89
3	5.20	0.240	50.0	7.21
4	4.20	0.216	40.0	6.45
5	3.20	0.189	30.0	5.58

Linear Regression

Slope:	33.3209
Intercept:	-0.7423
Corr. Coeff:	0.9997
# of Observations:	5

Calculations

Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]
Flow (corrected)=Sqrt((magn)(Pa/Pstd)(Tstd/Ta))

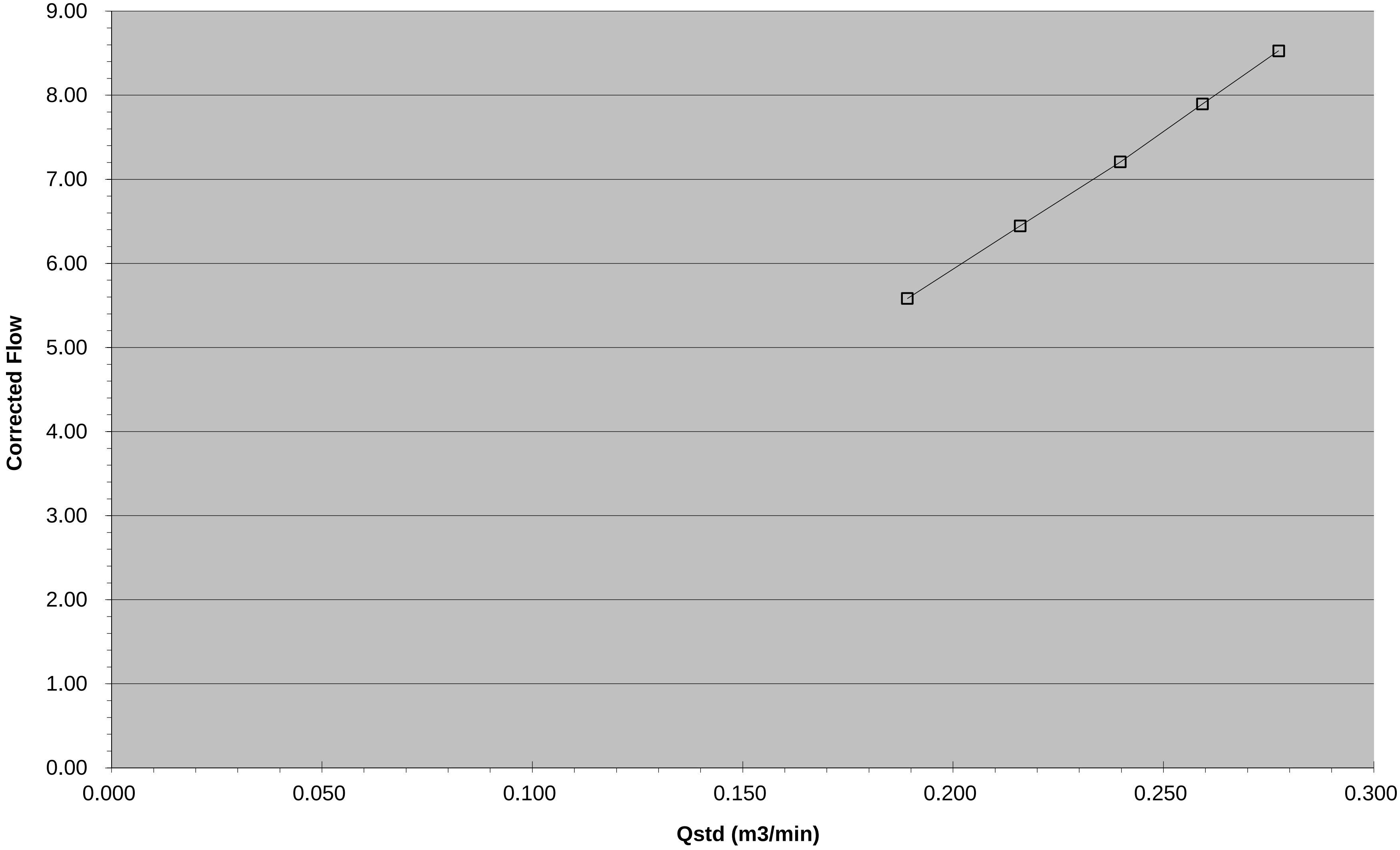
Qstd = standard flow rate
Flow (magn)= reading from magnehelic gauge
Flow (corrected)= corrected flow rate
m = calibrator Qstd slope
b = calibrator Qstd intercept
Ta = actual temperature during calibration (deg K)
Pa = actual pressure during calibration (mm Hg)
Tstd = 298 deg K
Pstd = 760 mm Hg
For subsequent calculation of sampler flow:
Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]

m = sampler slope
b = sampler intercept
(magn) = magnehelic reading
Tav = daily average temperature
Pav = daily average pressure

Average Flow (magn): 60.0
Average Flow Over Sample (m3/min)
0.259214
Enter Total Time (hrs): 15.3
Total Flow Over Sample (m3)
238.2697813
Total Flow Over Sample (liters)
238269.7813

NOTE: Ensure calibration orifice has been certified within 12 months of use

CALIBRATION



TE-1000 PUF Calibration Worksheet

Site Information

Location:	Terminal :	**Site ID:**	SARTI	**Date:**	11-Oct-16
Sampler:	TE-1000	**Serial No:**	1077	**Tech:**	Cord Dennig

Site Conditions

Barometric Pressure (in Hg):	30.25	**Corrected Pressure (mm Hg):**	768.4
Temperature (deg F):	64.0	**Temperature (deg K):**	290.9
Average Pressure (in Hg):	30.25	**Corrected Average Pressure (mm Hg):**	768.4
Average Temperature (deg F):	64.0	**Average Temperature (deg K):**	290.9

Calibration Orifice

Make:	Tisch	**Qstd Slope:**	9.89525
Model:	TE-5040	**Qstd Intercept:**	-0.04826
Serial#:	3024	**Calibration Due Date:**	23-Sep-16

Calibration Information

Plate or Test #	Pressure (in H_20)	Qstd (m3/min)	Flow (magn)	Flow (corrected)
1	7.20	0.281	70.0	8.51
2	6.40	0.265	60.0	7.88
3	5.30	0.242	50.0	7.20
4	4.50	0.223	40.0	6.44
5	3.30	0.192	30.0	5.57

Linear Regression

Slope: 33.0351
Intercept: -0.8227
Corr. Coeff: 0.9978

# of Observations: 5

Calculations

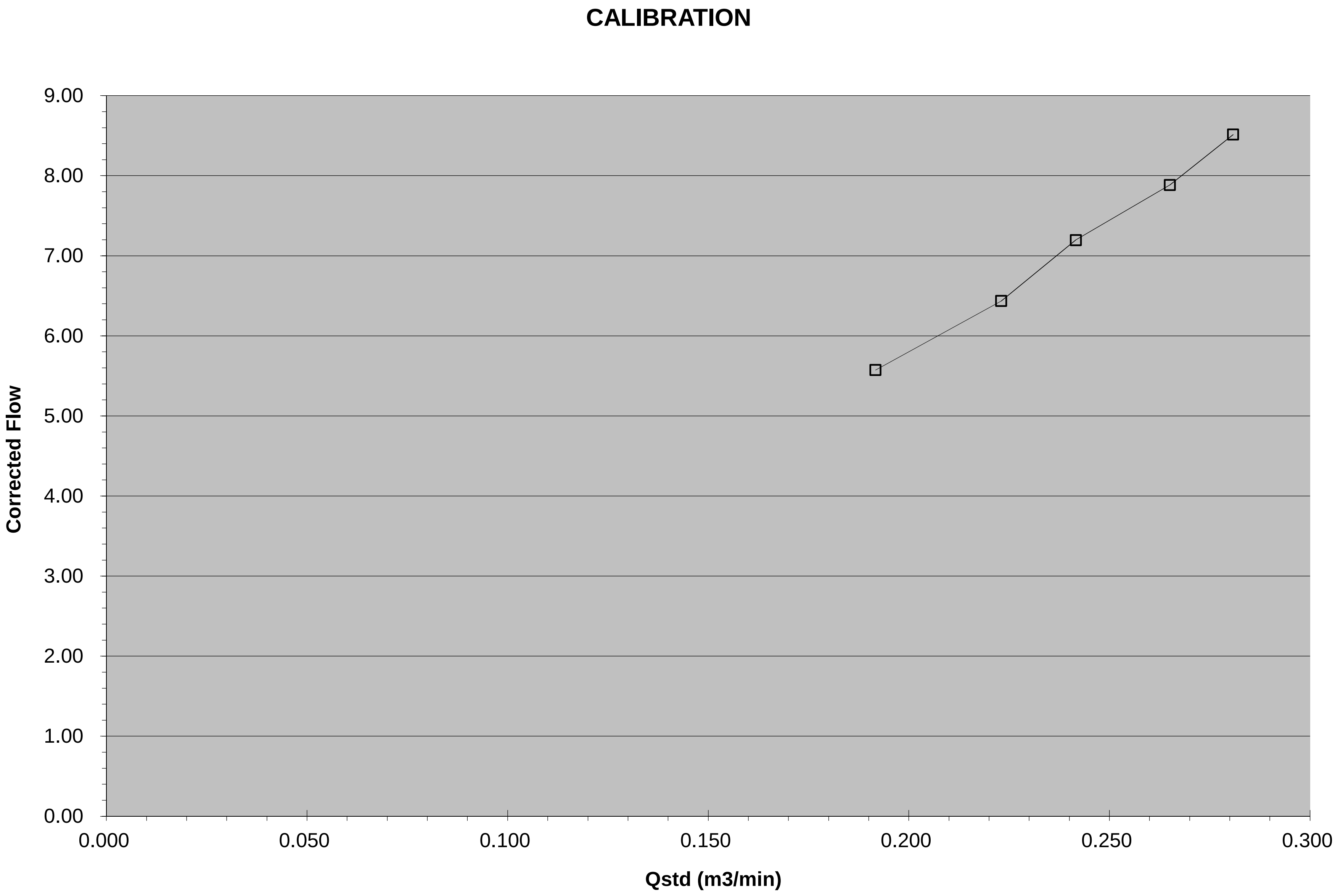
Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]
Flow (corrected)=Sqrt((magn)(Pa/Pstd)(Tstd/Ta))

Qstd = standard flow rate
Flow (magn)= reading from magnehelic gauge
Flow (corrected)= corrected flow rate
m = calibrator Qstd slope
b = calibrator Qstd intercept
Ta = actual temperature during calibration (deg K)
Pa = actual pressure during calibration (mm Hg)
Tstd = 298 deg K
Pstd = 760 mm Hg
For subsequent calculation of sampler flow:
Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]

m = sampler slope
b = sampler intercept
(magn) = magnehelic reading
Tav = daily average temperature
Pav = daily average pressure

Average Flow (magn): 60.0
Average Flow Over Sample (m3/min)
0.263515
Enter Total Time (hrs): 24.0
Total Flow Over Sample (m3)
379.4613774
Total Flow Over Sample (liters)
379461.3774

NOTE: Ensure calibration orifice has been certified within 12 months of use


CALIBRATION
Corrected Flow
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
0.000
0.050
0.100
0.150
0.200
0.250
0.300
Qstd (m3/min)

TE-1000 PUF Calibration Worksheet

Site Information

Location: Terminal
Site ID: SARTI
Date: 11-Oct-16
Sampler: TE-1000
Serial No: 1056
Tech: Cord Dennig

Site Conditions

Barometric Pressure (in Hg): 30.25
Temperature (deg F): 66.0
Average Pressure (in Hg): 30.25
Average Temperature (deg F): 66.0
Corrected Pressure (mm Hg): 768.4
Temperature (deg K): 292.0
Corrected Average Pressure (mm Hg): 768.4
Average Temperature (deg K): 292.0

Calibration Orifice

Make: Tisch
Model: TE-5040
Serial#: 3024
Qstd Slope: 9.89525
Qstd Intercept: -0.04826
Calibration Due Date: 23-Sep-16

Calibration Information

Plate or Test #	Pressure (in H_20)	Qstd (m3/min)	Flow (magn)	Flow (corrected)
1	7.40	0.284	70.0	8.50
2	6.50	0.267	60.0	7.87
3	5.30	0.241	50.0	7.18
4	4.30	0.218	40.0	6.42
5	3.20	0.188	30.0	5.56

Linear Regression
Slope: 30.4055
Intercept: -0.1787
Corr. Coeff: 0.9994
# of Observations: 5

Calculations

Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]
Flow (corrected)=Sqrt((magn)(Pa/Pstd)(Tstd/Ta))

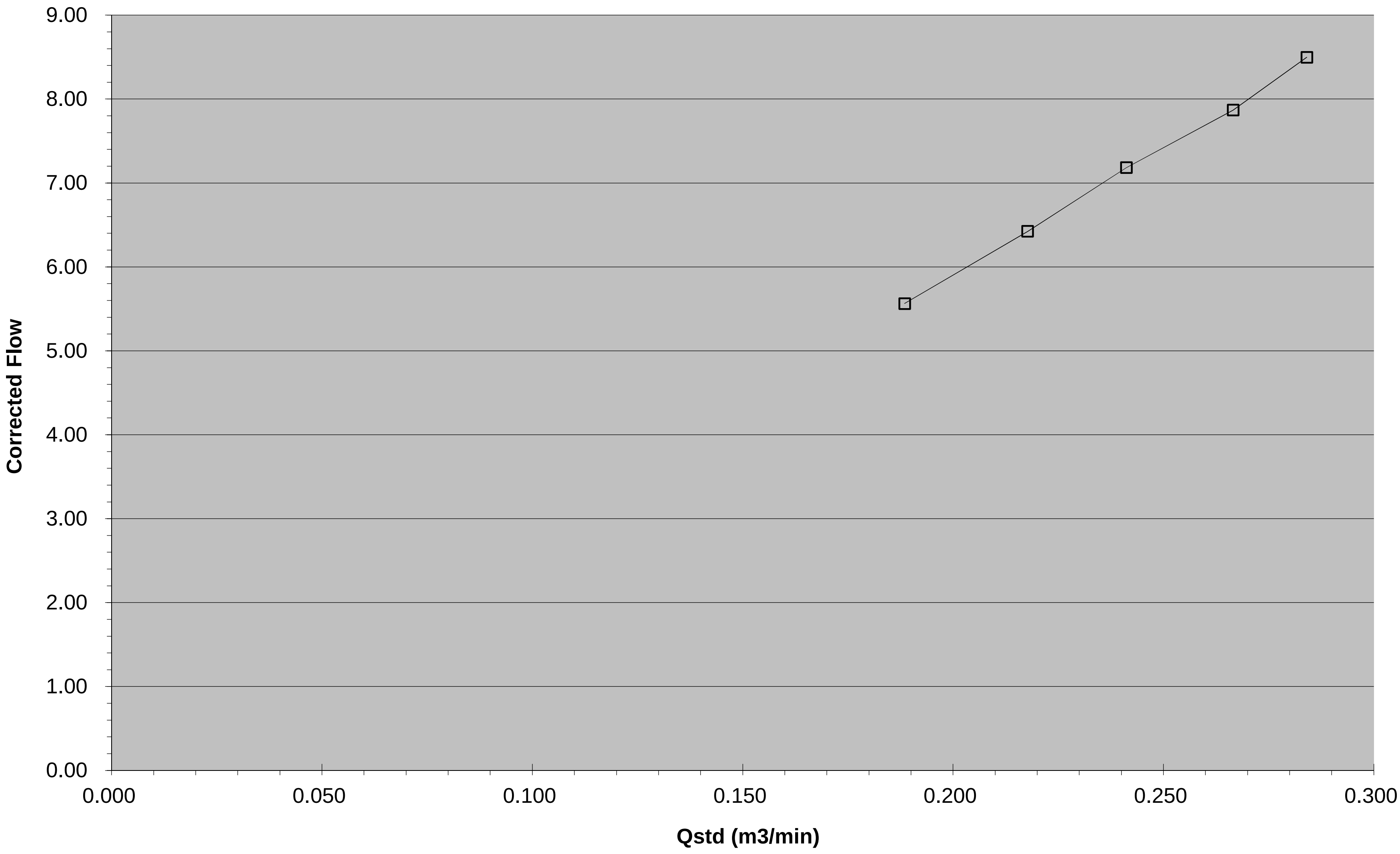
Qstd = standard flow rate
Flow (magn)= reading from magnehelic gauge
Flow (corrected)= corrected flow rate
m = calibrator Qstd slope
b = calibrator Qstd intercept
Ta = actual temperature during calibration (deg K)
Pa = actual pressure during calibration (mm Hg)
Tstd = 298 deg K
Pstd = 760 mm Hg
For subsequent calculation of sampler flow:
Qstd = 1/m[Sqrt((H20)(Pa/760)(298/Ta))-b]

m = sampler slope
b = sampler intercept
(magn) = magnehelic reading
Tav = daily average temperature
Pav = daily average pressure

Average Flow (magn): 60.0
Average Flow Over Sample (m3/min)
0.264629
Enter Total Time (hrs): 24.0
Total Flow Over Sample (m3)
381.0664656
Total Flow Over Sample (liters)
381066.4656

NOTE: Ensure calibration orifice has been certified within 12 months of use

CALIBRATION



Meteorological Data and Activity Log

APPENDIX G

	10/10/2016	10/11/2016	10/12/2016	10/13/2016	10/14/2016	10/15/2016	10/16/2016
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Receiving							
truck & peddler unloading (#)	78	134	79	80	88	47	
Processing							
shredding (production hours)	3.5	5	4	3.5	4	2.75	
mrp (production hours)	11.1	9.3	8.2	8.6		10	
shearing (app. hours)	5.5	10.5	8.5	9.5	11	16.5	
torch cutting (app. hours)		0.5	4	1	0.25		
welding/fabrication (app. hours)	4	11	20	13	9	1	
baleing (hours)							
Shipping							
rail (#)		3*					
truck & container loading (#)	1	6	9	11	9		
Environmental							
sweeping (hours) *includes sweeping done by hand and by the Front-end loader with Sweeper attachment.*	7		4		8	7	
Tymco Vacuum Sweeper truck (hours)	10	10	10	10	10	10	
watering (hours)	12	12	11	15	15	12	

* railcars were unloaded during the day. Completed by 5:30 PM. Did not leave the facility until sometime between 5pm 10/13 and 10/14

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill
10/11/2016	14:30	70.8	70.8	70	68	59.7	6	W	3	17	SW	70.8
10/11/2016	15:00	71.2	71.2	70.4	68	60.1	4	NW	2	10	WNW	71.2
10/11/2016	15:30	70	71.3	70	67	58.5	7	SW	3.5	15	W	70
10/11/2016	16:00	69.3	70	69.3	67	57.9	8	SW	4	15	SW	68.7
10/11/2016	16:30	68.5	69.3	68.5	68	57.5	8	SW	4	16	SW	67.8
10/11/2016	17:00	67.5	68.5	67.5	70	57.4	8	SW	4	16	SW	66.9
10/11/2016	17:30	67.7	67.8	67.5	70	57.6	6	SW	3	11	S	67.7
10/11/2016	18:00	67.7	68.1	67.7	70	57.6	4	NW	2	10	NW	67.7
10/11/2016	18:30	65.8	67.7	65.8	73	56.9	5	NW	2.5	9	NW	65.8
10/11/2016	19:00	65	65.8	65	76	57.2	4	NNW	2	9	NW	65
10/11/2016	19:30	64.2	65	64.2	78	57.2	4	NW	2	9	WNW	64.2
10/11/2016	20:00	64.1	64.2	64.1	78	57.1	2	NW	1	6	NW	64.1
10/11/2016	20:30	64.1	64.2	64.1	78	57.1	1	WSW	0.5	4	W	64.1
10/11/2016	21:00	64	64.1	63.9	79	57.4	1	NNE	0.5	7	NNW	64
10/11/2016	21:30	63.6	64	63.5	80	57.3	4	NW	2	9	NW	63.6
10/11/2016	22:00	63.4	63.6	63.4	82	57.8	3	NW	1.5	7	WNW	63.4
10/11/2016	22:30	63.1	63.5	63.1	82	57.5	2	WNW	1	7	NW	63.1
10/11/2016	23:00	62.9	63.1	62.9	82	57.3	1	WSW	0.5	3	WNW	62.9
10/11/2016	23:30	62.9	63	62.9	83	57.7	1	NE	0.5	4	NE	62.9
10/12/2016	0:00	62.6	62.9	62.5	83	57.4	2	NW	1	6	W	62.6
10/12/2016	0:30	62.3	62.6	62.3	83	57.1	1	WNW	0.5	5	WNW	62.3
10/12/2016	1:00	62.5	62.5	62.2	83	57.3	1	SSW	0.5	4	SSW	62.5
10/12/2016	1:30	62.6	62.6	62.5	83	57.4	1	SSW	0.5	4	SSW	62.6
10/12/2016	2:00	62.6	62.7	62.6	83	57.4	2	NW	1	4	W	62.6
10/12/2016	2:30	62.2	62.6	62.2	83	57	1	NNW	0.5	3	NW	62.2
10/12/2016	3:00	62	62.2	62	84	57.1	1	NNW	0.5	4	NNW	62
10/12/2016	3:30	61.8	62.1	61.8	84	56.9	2	NNW	1	5	NNW	61.8
10/12/2016	4:00	61.8	61.8	61.7	84	56.9	1	N	0.5	5	NW	61.8
10/12/2016	4:30	62	62	61.8	84	57.1	2	NNW	1	4	NNW	62
10/12/2016	5:00	62.3	62.3	62	85	57.7	0	NW	0	3	NW	62.3
10/12/2016	5:30	62.5	62.5	62.3	85	57.9	0	NW	0	3	NW	62.5
10/12/2016	6:00	62.8	62.9	62.5	84	57.9	1	WNW	0.5	3	NW	62.8

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill
10/12/2016	6:30	62.9	62.9	62.8	84	58	0	WNW	0	2	WNW	62.9
10/12/2016	7:00	63.2	63.2	62.9	84	58.3	0	NE	0	3	NE	63.2
10/12/2016	7:30	63.6	63.6	63.1	84	58.7	2	SE	1	5	ESE	63.6
10/12/2016	8:00	63.5	63.7	63.5	83	58.2	3	SE	1.5	7	SSE	63.5
10/12/2016	8:30	63.6	63.7	63.4	83	58.3	4	SSE	2	6	SE	63.6
10/12/2016	9:00	63.9	63.9	63.6	82	58.3	4	SSE	2	7	SE	63.9
10/12/2016	9:30	64.1	64.1	63.8	80	57.8	3	SSE	1.5	7	SE	64.1
10/12/2016	10:00	64.7	64.8	64.1	78	57.7	3	SSE	1.5	7	SSE	64.7
10/12/2016	10:30	64.9	64.9	64.6	77	57.5	4	SSW	2	8	S	64.9
10/12/2016	11:00	65	65	64.8	75	56.9	4	SSW	2	8	S	65
10/12/2016	11:30	65.6	65.6	65	73	56.7	4	SSW	2	7	SSW	65.6
10/12/2016	12:00	66.6	66.6	65.6	71	56.9	4	S	2	8	SE	66.6
10/12/2016	12:30	67.2	67.2	66.5	70	57.1	4	SSE	2	8	SSE	67.2
10/12/2016	13:00	68.3	68.3	67.2	68	57.3	4	SE	2	8	S	68.3
10/12/2016	13:30	68.5	69	68.3	67	57.1	5	SW	2.5	12	S	68.5
10/12/2016	14:00	68.3	68.5	68.1	67	56.9	7	SSW	3.5	14	SSW	68.3
10/12/2016	14:30	68.6	68.6	68.3	66	56.8	7	SSW	3.5	13	S	68.6
10/12/2016	15:00	68.8	69	68.5	65	56.6	7	SSW	3.5	14	S	68.8
10/12/2016	15:30	68.9	69.2	68.4	66	57.1	7	SSW	3.5	13	S	68.9
10/12/2016	16:00	68.2	69	68.2	66	56.4	8	SSW	4	15	SSW	67.5
10/12/2016	16:30	68.3	68.3	68	67	56.9	6	SSW	3	13	SW	68.3
10/12/2016	17:00	68.3	68.3	68.2	67	56.9	6	SW	3	11	S	68.3
10/12/2016	17:30	68.3	68.5	68.2	67	56.9	4	WSW	2	10	WSW	68.3
10/12/2016	18:00	66.9	68.4	66.9	69	56.4	6	WSW	3	12	WSW	66.9
10/12/2016	18:30	65.8	66.9	65.8	72	56.5	6	W	3	13	SW	65.8
10/12/2016	19:00	65.2	65.8	65.2	75	57.1	5	WNW	2.5	10	WNW	65.2
10/12/2016	19:30	64.6	65.2	64.6	77	57.2	4	WNW	2	9	W	64.6
10/12/2016	20:00	64.1	64.6	64	79	57.5	4	NW	2	10	NNW	64.1
10/12/2016	20:30	63.9	64.1	63.9	80	57.6	5	WNW	2.5	11	W	63.9
10/12/2016	21:00	63.5	63.9	63.4	80	57.2	3	WNW	1.5	9	WNW	63.5
10/12/2016	21:30	63.5	63.6	63.4	80	57.2	3	NNW	1.5	7	NW	63.5
10/12/2016	22:00	63.2	63.5	63.2	80	56.9	3	WNW	1.5	6	W	63.2

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill
10/12/2016	22:30	63.3	63.3	63.2	81	57.4	2	WNW	1	6	W	63.3
10/12/2016	23:00	63.2	63.3	63.2	81	57.3	1	NW	0.5	3	NW	63.2
10/12/2016	23:30	63.1	63.2	63	82	57.5	0	NW	0	1	NW	63.1
10/13/2016	0:00	63	63.1	62.9	82	57.4	1	W	0.5	3	WNW	63
10/13/2016	0:30	62.7	63	62.7	83	57.5	1	N	0.5	4	N	62.7
10/13/2016	1:00	62.6	62.7	62.6	83	57.4	1	N	0.5	4	N	62.6
10/13/2016	1:30	62.3	62.6	62.3	84	57.4	1	N	0.5	3	N	62.3
10/13/2016	2:00	62.1	62.4	62.1	84	57.2	1	N	0.5	4	WNW	62.1
10/13/2016	2:30	62.3	62.3	62.1	84	57.4	1	WSW	0.5	4	WSW	62.3
10/13/2016	3:00	61.7	62.3	61.7	84	56.8	1	W	0.5	3	WSW	61.7
10/13/2016	3:30	61.8	61.8	61.7	85	57.2	1	W	0.5	3	W	61.8
10/13/2016	4:00	62	62.1	61.8	85	57.4	0	W	0	3	W	62
10/13/2016	4:30	62.3	62.3	62	85	57.7	0	W	0	2	W	62.3
10/13/2016	5:00	62.7	62.7	62.3	85	58.1	2	S	1	5	S	62.7
10/13/2016	5:30	62.7	62.8	62.7	85	58.1	1	SE	0.5	4	SE	62.7
10/13/2016	6:00	62.6	62.8	62.5	85	58	2	SE	1	5	SE	62.6
10/13/2016	6:30	62.5	62.6	62.5	84	57.6	3	SSE	1.5	6	SSE	62.5
10/13/2016	7:00	62.9	63	62.5	85	58.3	2	SSE	1	5	SSE	62.9
10/13/2016	7:30	62.8	62.9	62.7	85	58.2	1	SE	0.5	4	SE	62.8
10/13/2016	8:00	63.1	63.1	62.8	85	58.5	1	SE	0.5	4	SE	63.1
10/13/2016	8:30	64.1	64.1	63.1	84	59.2	1	SE	0.5	3	SE	64.1
10/13/2016	9:00	65.2	65.2	64.1	81	59.2	1	SE	0.5	4	NNW	65.2
10/13/2016	9:30	65.4	65.5	65.2	80	59.1	1	NNE	0.5	5	NW	65.4
10/13/2016	10:00	66.1	66.1	65.4	79	59.4	1	NE	0.5	4	NE	66.1
10/13/2016	10:30	68.1	68.1	66.1	75	59.9	1	ENE	0.5	7	ESE	68.1
10/13/2016	11:00	67.8	68.2	67.7	75	59.6	4	SE	2	9	ESE	67.8
10/13/2016	11:30	68.3	68.3	67.8	73	59.3	6	SSW	3	12	SSW	68.3
10/13/2016	12:00	69.4	69.4	68.3	71	59.6	6	SSW	3	12	S	69.4
10/13/2016	12:30	70.1	70.1	69.4	70	59.9	7	SSW	3.5	13	S	70.1
10/13/2016	13:00	70.6	70.7	70	69	59.9	8	SSW	4	15	S	70.1
10/13/2016	13:30	71.2	71.2	70.6	68	60.1	7	SSW	3.5	13	S	71.2
10/13/2016	14:00	72.2	72.3	71	67	60.6	7	SSW	3.5	13	SSW	72.2

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill
10/13/2016	14:30	72.5	72.5	72.1	67	60.9	5	SSW	2.5	12	S	72.5
10/13/2016	15:00	72.7	72.7	72.1	66	60.7	5	NW	2.5	9	NW	72.7
10/13/2016	15:30	71.3	72.8	71.3	67	59.8	7	WNW	3.5	13	WNW	71.3
10/13/2016	16:00	70.4	71.3	70.3	69	59.7	7	NW	3.5	13	NW	70.4
10/13/2016	16:30	70.7	70.8	70.3	68	59.6	5	NW	2.5	11	NNW	70.7
10/13/2016	17:00	70.2	70.7	70.2	70	60	5	NW	2.5	11	WNW	70.2
10/13/2016	17:30	69.2	70.2	69.2	71	59.4	5	NW	2.5	10	NNW	69.2
10/13/2016	18:00	68	69.2	68	75	59.8	5	NW	2.5	11	NW	68
10/13/2016	18:30	66.7	68	66.7	78	59.6	5	NW	2.5	9	NNW	66.7
10/13/2016	19:00	65.9	66.7	65.9	81	59.9	5	NW	2.5	11	NW	65.9
10/13/2016	19:30	65.4	65.9	65.4	83	60.1	4	NW	2	8	WNW	65.4
10/13/2016	20:00	64.8	65.4	64.8	84	59.9	4	NW	2	7	WNW	64.8
10/13/2016	20:30	64.5	64.8	64.5	85	59.9	3	NW	1.5	7	NW	64.5
10/13/2016	21:00	64.4	64.5	64.4	86	60.1	2	N	1	4	NW	64.4
10/13/2016	21:30	64.2	64.4	64.2	86	59.9	2	NNW	1	5	NNW	64.2
10/13/2016	22:00	64.1	64.2	64.1	86	59.8	2	NW	1	5	NW	64.1
10/13/2016	22:30	63.9	64.1	63.9	86	59.6	0	NW	0	2	NW	63.9
10/13/2016	23:00	63.5	63.9	63.5	87	59.6	1	WNW	0.5	4	W	63.5
10/13/2016	23:30	63.3	63.5	63.3	87	59.4	0	W	0	2	W	63.3
10/14/2016	0:00	63.2	63.3	63.2	87	59.3	0	N	0	3	W	63.2
10/14/2016	0:30	62.9	63.2	62.9	88	59.3	0	N	0	2	N	62.9
10/14/2016	1:00	62.5	63	62.4	88	58.9	1	N	0.5	4	N	62.5
10/14/2016	1:30	62.4	62.5	62.4	88	58.8	0	N	0	3	N	62.4
10/14/2016	2:00	62.8	62.9	62.4	88	59.2	2	SSE	1	5	SSE	62.8
10/14/2016	2:30	62.8	63.1	62.8	89	59.5	2	SSE	1	6	SSE	62.8
10/14/2016	3:00	62.7	63	62.7	89	59.4	3	SSE	1.5	6	SSW	62.7
10/14/2016	3:30	62.4	62.7	62.3	89	59.1	3	SSW	1.5	7	S	62.4
10/14/2016	4:00	62.5	62.5	62.3	89	59.2	2	SE	1	6	SSE	62.5
10/14/2016	4:30	62.5	62.6	62.5	89	59.2	1	W	0.5	4	WNW	62.5
10/14/2016	5:00	62.4	62.6	62.4	89	59.1	1	W	0.5	5	NNW	62.4
10/14/2016	5:30	62.3	62.5	62.3	89	59	1	N	0.5	3	N	62.3
10/14/2016	6:00	62.6	62.6	62.3	89	59.3	1	N	0.5	3	N	62.6

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill
10/14/2016	6:30	62.7	62.7	62.5	89	59.4	2	SE	1	4	SSE	62.7
10/14/2016	7:00	62.8	62.8	62.6	88	59.2	1	SSE	0.5	5	SSE	62.8
10/14/2016	7:30	63.2	63.2	62.8	88	59.6	1	SSE	0.5	4	SSE	63.2
10/14/2016	8:00	63.1	63.2	63.1	87	59.2	2	SE	1	7	ESE	63.1
10/14/2016	8:30	63.2	63.2	63.1	87	59.3	2	SSE	1	5	SE	63.2
10/14/2016	9:00	63.3	63.3	63.1	87	59.4	3	S	1.5	5	S	63.3
10/14/2016	9:30	63.8	63.8	63.3	86	59.5	2	S	1	5	SSE	63.8
10/14/2016	10:00	64.2	64.2	63.8	85	59.6	2	S	1	7	SSW	64.2
10/14/2016	10:30	64.4	64.4	64.2	84	59.5	3	SSW	1.5	7	S	64.4
10/14/2016	11:00	65.2	65.2	64.4	82	59.6	5	SSE	2.5	9	ESE	65.2
10/14/2016	11:30	66.9	66.9	65.1	78	59.8	5	SE	2.5	9	SSE	66.9
10/14/2016	12:00	67.6	67.7	66.9	74	59	5	SSE	2.5	10	SSE	67.6
10/14/2016	12:30	67.6	67.6	67.3	74	59	6	SE	3	10	ESE	67.6
10/14/2016	13:00	68.4	68.6	67.6	72	59	7	SSE	3.5	11	SE	68.4
10/14/2016	13:30	69.4	69.4	68.3	72	60	7	SSE	3.5	12	SE	69.4
10/14/2016	14:00	70.2	70.3	69.4	71	60.4	7	SSW	3.5	12	SSE	70.2
10/14/2016	14:30	72.4	72.4	70.2	68	61.2	6	S	3	12	S	72.4
10/14/2016	15:00	73.2	73.2	72.4	66	61.2	5	SSW	2.5	13	SSW	73.2
10/14/2016	15:30	73.4	73.9	73.2	65	60.9	4	NW	2	9	WNW	73.4
10/14/2016	16:00	72.3	73.4	72.2	68	61.1	5	NW	2.5	10	WNW	72.3
10/14/2016	16:30	72.1	72.3	71.8	68	61	3	NW	1.5	10	NNW	72.1
10/14/2016	17:00	71	72.1	71	69	60.3	3	NW	1.5	7	WNW	71
10/14/2016	17:30	69	71	69	72	59.6	4	NW	2	10	NNW	69
10/14/2016	18:00	66.9	69	66.9	77	59.5	6	NW	3	11	WNW	66.9
10/14/2016	18:30	65.5	66.9	65.4	80	59.2	6	NW	3	14	NW	65.5
10/14/2016	19:00	64.8	65.4	64.8	82	59.2	5	NW	2.5	12	NNW	64.8

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill

Heat Index	THW Index	Bar	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density
70.9	70.9	30.031	0	0	0	0.121	75.2	56	58.4	75.7	10.24	0.0732
71.5	71.5	30.027	0	0	0	0.129	76.1	56	59.3	76.5	10.21	0.0731
69.9	69.9	30.027	0	0	0	0.104	77	55	59.6	77.3	9.97	0.0729
69.3	68.7	30.026	0	0	0	0.09	77.3	53	58.8	77.5	9.65	0.0729
68.8	68.1	30.028	0	0	0	0.073	77	50	56.9	76.8	9.21	0.0731
68	67.4	30.018	0	0	0	0.052	76.1	47	54.4	75.8	8.73	0.0733
68.2	68.2	30.014	0	0	0	0.056	75	46	52.8	74.8	8.55	0.0735
68.2	68.2	30.011	0	0	0	0.056	74.2	46	52.1	73.7	8.57	0.0736
66.1	66.1	30.02	0	0	0	0.017	73.8	51	54.5	73.6	9.37	0.0736
65.4	65.4	30.02	0	0	0	0	74.5	54	56.8	74.8	9.86	0.0734
64.6	64.6	30.019	0	0	0.017	0	75	53	56.7	75.3	9.65	0.0733
64.5	64.5	30.03	0	0	0.019	0	75.2	52	56.4	75.4	9.55	0.0733
64.5	64.5	30.028	0	0	0.019	0	75.2	51	55.8	75.4	9.35	0.0733
64.4	64.4	30.025	0	0	0.021	0	75	51	55.6	75.2	9.35	0.0734
64	64	30.034	0	0	0.029	0	74.9	51	55.6	75	9.35	0.0734
63.8	63.8	30.045	0	0	0.033	0	74.9	51	55.6	75	9.35	0.0734
63.5	63.5	30.043	0	0	0.04	0	74.7	51	55.4	74.8	9.36	0.0735
63.3	63.3	30.048	0	0	0.044	0	74.7	50	54.8	74.7	9.25	0.0735
63.3	63.3	30.055	0	0	0.044	0	74.5	50	54.6	74.4	9.25	0.0736
63	63	30.058	0	0	0.05	0	74.3	50	54.5	74.1	9.25	0.0736
62.6	62.6	30.052	0	0	0.056	0	74.2	50	54.4	74	9.25	0.0736
62.8	62.8	30.056	0	0	0.052	0	74	50	54.2	73.7	9.25	0.0736
63	63	30.055	0	0	0.05	0	74	50	54.2	73.7	9.25	0.0736
63	63	30.054	0	0	0.05	0	73.8	50	54	73.5	9.25	0.0737
62.5	62.5	30.06	0	0	0.058	0	73.6	50	53.8	73.2	9.25	0.0737
62.3	62.3	30.059	0	0	0.063	0	73.5	50	53.7	73.1	9.25	0.0737
62.1	62.1	30.046	0	0	0.067	0	73.5	51	54.3	73.2	9.38	0.0737
62.1	62.1	30.04	0	0	0.067	0	73.3	51	54.1	73	9.38	0.0737
62.3	62.3	30.048	0	0	0.063	0	73.3	51	54.1	73	9.38	0.0737
62.7	62.7	30.053	0	0	0.056	0	71.6	47	50.3	70.2	8.75	0.0741
62.9	62.9	30.053	0	0	0.052	0	70.9	49	50.8	69.4	9.05	0.0742
63.2	63.2	30.053	0	0	0.046	0	70.6	50	51.1	69.1	9.25	0.0742

Heat Index	THW Index	Bar	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density
63.3	63.3	30.057	0	0	0.044	0	70.4	50	50.9	68.8	9.25	0.0743
63.7	63.7	30.063	0	0	0.037	0	70.1	50	50.6	68.4	9.25	0.0743
64.1	64.1	30.057	0	0	0.029	0	70.1	51	51.1	68.5	9.45	0.0743
64	64	30.066	0	0	0.031	0	70.7	55	53.7	69.6	10.14	0.0741
64.1	64.1	30.077	0	0	0.029	0	71.4	54	53.9	70.5	9.92	0.0741
64.4	64.4	30.085	0	0	0.023	0	72.1	54	54.5	71.6	9.91	0.074
64.6	64.6	30.09	0	0	0.019	0	72.4	53	54.3	71.9	9.75	0.074
65.2	65.2	30.1	0	0	0.006	0	72.8	53	54.7	72.5	9.74	0.0739
65.3	65.3	30.099	0	0	0.002	0	73.3	53	55.1	73.2	9.72	0.0738
65.3	65.3	30.092	0	0	0	0	73.5	51	54.3	73.2	9.38	0.0738
65.9	65.9	30.091	0	0	0	0.012	73.3	50	53.5	72.9	9.25	0.0739
67	67	30.081	0	0	0	0.033	73	53	54.9	72.8	9.73	0.0738
67.6	67.6	30.072	0	0	0	0.046	73.6	54	55.9	73.6	9.88	0.0737
68.7	68.7	30.062	0	0	0	0.069	74.3	54	56.6	74.5	9.86	0.0735
68.7	68.7	30.056	0	0	0	0.073	75	54	57.2	75.4	9.85	0.0734
68.6	68.6	30.045	0	0	0	0.069	75.4	52	56.5	75.6	9.54	0.0733
68.7	68.7	30.036	0	0	0	0.075	75.2	50	55.3	75.3	9.25	0.0734
68.8	68.8	30.031	0	0	0	0.079	75.2	50	55.3	75.3	9.25	0.0734
68.9	68.9	30.03	0	0	0	0.081	75	49	54.5	75	9.05	0.0734
68.4	67.7	30.028	0	0	0	0.067	74.7	49	54.3	74.6	9.05	0.0735
68.6	68.6	30.024	0	0	0	0.069	74.7	49	54.3	74.6	9.05	0.0735
68.6	68.6	30.016	0	0	0	0.069	74.7	47	53.1	74.5	8.75	0.0735
68.6	68.6	30.017	0	0	0	0.069	74.9	50	55	75	9.25	0.0734
67.2	67.2	30.02	0	0	0	0.04	75.2	51	55.8	75.4	9.35	0.0733
66.1	66.1	30.023	0	0	0	0.017	75.2	51	55.8	75.4	9.35	0.0733
65.5	65.5	30.022	0	0	0	0.004	75.6	53	57.3	75.8	9.65	0.0732
65	65	30.021	0	0	0.008	0	75.6	52	56.7	75.8	9.54	0.0732
64.5	64.5	30.027	0	0	0.019	0	75.4	52	56.5	75.6	9.54	0.0733
64.4	64.4	30.05	0	0	0.023	0	75.4	51	56	75.5	9.35	0.0734
63.9	63.9	30.047	0	0	0.031	0	75.2	51	55.8	75.4	9.35	0.0734
63.9	63.9	30.043	0	0	0.031	0	75	51	55.6	75.2	9.35	0.0734
63.5	63.5	30.057	0	0	0.037	0	74.9	51	55.6	75	9.35	0.0735

Heat Index	THW Index	Bar	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density
63.7	63.7	30.053	0	0	0.035	0	74.7	51	55.4	74.8	9.36	0.0735
63.6	63.6	30.051	0	0	0.037	0	74.5	50	54.6	74.4	9.25	0.0735
63.5	63.5	30.05	0	0	0.04	0	74.3	50	54.5	74.1	9.25	0.0736
63.4	63.4	30.051	0	0	0.042	0	74.2	50	54.4	74	9.25	0.0736
63.1	63.1	30.053	0	0	0.048	0	74	50	54.2	73.7	9.25	0.0736
63	63	30.054	0	0	0.05	0	73.8	50	54	73.5	9.25	0.0737
62.6	62.6	30.052	0	0	0.056	0	73.6	50	53.8	73.2	9.25	0.0737
62.4	62.4	30.056	0	0	0.06	0	73.6	50	53.8	73.2	9.25	0.0737
62.6	62.6	30.056	0	0	0.056	0	73.5	50	53.7	73.1	9.25	0.0737
61.9	61.9	30.051	0	0	0.069	0	73.3	50	53.5	72.9	9.25	0.0738
62.1	62.1	30.049	0	0	0.067	0	73.1	50	53.4	72.6	9.25	0.0738
62.3	62.3	30.05	0	0	0.063	0	73	51	53.8	72.6	9.39	0.0738
62.7	62.7	30.039	0	0	0.056	0	73	51	53.8	72.6	9.39	0.0738
63.1	63.1	30.037	0	0	0.048	0	71.4	47	50.1	69.9	8.75	0.0741
63.1	63.1	30.046	0	0	0.048	0	70.7	48	50	69	8.86	0.0742
63	63	30.051	0	0	0.05	0	70.2	49	50.1	68.5	9.05	0.0743
62.9	62.9	30.051	0	0	0.052	0	70.1	50	50.6	68.4	9.25	0.0743
63.4	63.4	30.051	0	0	0.044	0	70.2	51	51.2	68.6	9.45	0.0743
63.3	63.3	30.056	0	0	0.046	0	70.6	52	52.1	69.2	9.64	0.0742
63.6	63.6	30.059	0	0	0.04	0	71.2	52	52.7	70.1	9.63	0.0741
64.7	64.7	30.059	0	0	0.019	0	71.8	52	53.2	71	9.61	0.074
66	66	30.069	0	0	0	0.004	72.3	51	53.2	71.6	9.4	0.074
66.2	66.2	30.068	0	0	0	0.008	72.3	51	53.2	71.6	9.4	0.074
66.9	66.9	30.071	0	0	0	0.023	72.6	51	53.4	72	9.4	0.0739
69	69	30.059	0	0	0	0.065	72.8	53	54.7	72.5	9.74	0.0738
68.7	68.7	30.061	0	0	0	0.058	74.7	53	56.4	74.9	9.66	0.0735
69.1	69.1	30.061	0	0	0	0.069	76.4	52	57.5	76.5	9.52	0.0732
69.8	69.8	30.049	0	0	0	0.092	77	52	58	77	9.51	0.0731
70.2	70.2	30.039	0	0	0	0.106	77.5	51	57.9	77.5	9.35	0.073
70.8	70.3	30.023	0	0	0	0.117	77.5	52	58.5	77.6	9.5	0.0729
71.5	71.5	30.006	0	0	0	0.129	76.8	53	58.4	76.9	9.65	0.073
72.7	72.7	29.994	0	0	0	0.15	77.2	54	59.3	77.4	9.81	0.0728

Heat Index	THW Index	Bar	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density
73.2	73.2	29.979	0	0	0	0.156	77.5	53	59	77.7	9.65	0.0728
73.4	73.4	29.974	0	0	0	0.16	77.9	51	58.3	78	9.35	0.0727
71.5	71.5	29.973	0	0	0	0.131	77.3	50	57.2	77.2	9.2	0.0729
70.5	70.5	29.967	0	0	0	0.113	76.8	49	56.2	76.6	9.01	0.073
70.8	70.8	29.964	0	0	0	0.119	75.9	49	55.4	75.8	9.03	0.0731
70.4	70.4	29.961	0	0	0	0.108	75.7	49	55.2	75.6	9.04	0.0731
69.7	69.7	29.956	0	0	0	0.087	75.2	48	54.2	75.1	8.95	0.0732
68.9	68.9	29.955	0	0	0	0.063	74.9	49	54.4	74.9	9.05	0.0733
67.6	67.6	29.957	0	0	0	0.035	74.7	52	55.9	74.9	9.56	0.0732
66.8	66.8	29.966	0	0	0	0.019	74.7	52	55.9	74.9	9.56	0.0733
66.2	66.2	29.972	0	0	0	0.008	74.5	52	55.7	74.6	9.56	0.0733
65.5	65.5	29.978	0	0	0.004	0	74.3	52	55.5	74.3	9.56	0.0734
65.2	65.2	29.977	0	0	0.01	0	74.2	52	55.4	74.2	9.57	0.0734
65.1	65.1	29.981	0	0	0.012	0	73.8	52	55.1	73.7	9.57	0.0735
64.9	64.9	29.988	0	0	0.017	0	73.6	52	54.9	73.4	9.58	0.0735
64.8	64.8	30.003	0	0	0.019	0	73.5	52	54.8	73.3	9.58	0.0736
64.5	64.5	30.003	0	0	0.023	0	73.1	52	54.4	72.8	9.59	0.0736
64.1	64.1	30.006	0	0	0.031	0	72.8	52	54.1	72.4	9.59	0.0737
63.9	63.9	30.002	0	0	0.035	0	72.6	52	54	72.1	9.6	0.0737
63.8	63.8	30.01	0	0	0.037	0	72.3	52	53.7	71.7	9.6	0.0738
63.5	63.5	30.009	0	0	0.044	0	72.1	52	53.5	71.4	9.61	0.0738
63	63	30.012	0	0	0.052	0	71.9	52	53.3	71.1	9.61	0.0739
62.9	62.9	30.015	0	0	0.054	0	71.9	52	53.3	71.1	9.61	0.0739
63.4	63.4	30.022	0	0	0.046	0	71.8	53	53.7	71	9.78	0.0739
63.4	63.4	30.021	0	0	0.046	0	71.8	53	53.7	71	9.78	0.0739
63.3	63.3	30.015	0	0	0.048	0	71.8	54	54.3	71.1	9.91	0.0738
62.9	62.9	30.011	0	0	0.054	0	71.6	54	54.1	70.8	9.92	0.0739
63.1	63.1	30.013	0	0	0.052	0	71.6	54	54.1	70.8	9.92	0.0739
63.1	63.1	30.015	0	0	0.052	0	71.6	54	54.1	70.8	9.92	0.0739
62.9	62.9	30.017	0	0	0.054	0	71.6	54	54.1	70.8	9.92	0.0739
62.8	62.8	30.016	0	0	0.056	0	71.6	54	54.1	70.8	9.92	0.0739
63.2	63.2	30.016	0	0	0.05	0	71.6	54	54.1	70.8	9.92	0.0739

Heat Index	THW Index	Bar	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density
63.3	63.3	30.021	0	0	0.048	0	71.4	54	53.9	70.5	9.92	0.0739
63.4	63.4	30.02	0	0	0.046	0	71.1	53	53.1	70	9.81	0.074
63.8	63.8	30.019	0	0	0.037	0	71.1	52	52.6	69.9	9.63	0.074
63.7	63.7	30.03	0	0	0.04	0	71.2	52	52.7	70.1	9.63	0.074
63.8	63.8	30.039	0	0	0.037	0	71.9	54	54.3	71.3	9.91	0.0739
63.9	63.9	30.043	0	0	0.035	0	72.6	54	55	72.3	9.9	0.0738
64.4	64.4	30.05	0	0	0.025	0	73.1	54	55.5	73	9.89	0.0737
64.8	64.8	30.052	0	0	0.017	0	73.5	54	55.8	73.5	9.88	0.0736
65.1	65.1	30.05	0	0	0.012	0	73.6	53	55.4	73.5	9.71	0.0736
66	66	30.044	0	0	0	0.004	73.8	52	55.1	73.7	9.57	0.0736
67.8	67.8	30.038	0	0	0	0.04	74	53	55.8	74	9.69	0.0735
68.4	68.4	30.031	0	0	0	0.054	74.2	53	56	74.3	9.68	0.0735
68.4	68.4	30.016	0	0	0	0.054	74.3	54	56.6	74.5	9.86	0.0734
69.1	69.1	30.004	0	0	0	0.071	74.5	54	56.8	74.8	9.86	0.0733
69.9	69.9	29.986	0	0	0	0.092	74.3	54	56.6	74.5	9.86	0.0733
70.5	70.5	29.97	0	0	0	0.108	74.5	54	56.8	74.8	9.86	0.0733
73.1	73.1	29.953	0	0	0	0.154	74.7	54	56.9	75	9.86	0.0732
74.1	74.1	29.946	0	0	0	0.171	74.9	52	56.1	75.1	9.55	0.0732
74.3	74.3	29.948	0	0	0	0.175	75.2	52	56.4	75.4	9.55	0.0731
73	73	29.946	0	0	0	0.152	75.2	52	56.4	75.4	9.55	0.0731
72.7	72.7	29.944	0	0	0	0.148	75.4	51	56	75.5	9.35	0.0731
71.3	71.3	29.945	0	0	0	0.125	75	51	55.6	75.2	9.35	0.0732
69.6	69.6	29.949	0	0	0	0.083	75	51	55.6	75.2	9.35	0.0732
67.7	67.7	29.951	0	0	0	0.04	75.4	54	57.6	75.7	9.84	0.0731
66.3	66.3	29.955	0	0	0	0.01	75.6	54	57.8	75.9	9.84	0.073
65.5	65.5	29.96	0	0	0.004	0	75.7	57	59.4	76.2	10.32	0.073

Wind Samp	**Wind Tx**	**ISS Recept**	**Arc. Int.**
702	1	100	30
692	1	100	30
685	1	100	30
622	1	90.9	30
702	1	100	30
701	1	100	30
702	1	100	30
692	1	100	30
668	1	97.7	30
702	1	100	30
699	1	100	30
701	1	100	30
686	1	100	30
674	1	98.5	30
702	1	100	30
703	1	100	30
687	1	100	30
699	1	100	30
702	1	100	30
701	1	100	30
686	1	100	30
699	1	100	30
702	1	100	30
700	1	100	30
686	1	100	30
702	1	100	30
702	1	100	30
698	1	100	30
686	1	100	30
702	1	100	30
701	1	100	30
703	1	100	30

Wind Samp	**Wind Tx**	**ISS Recept**	**Arc. Int.**
687	1	100	30
696	1	100	30
701	1	100	30
703	1	100	30
698	1	100	30
684	1	100	30
698	1	100	30
702	1	100	30
702	1	100	30
695	1	100	30
685	1	100	30
698	1	100	30
702	1	100	30
702	1	100	30
700	1	100	30
693	1	100	30
682	1	99.7	30
649	1	94.9	30
701	1	100	30
701	1	100	30
703	1	100	30
695	1	100	30
684	1	100	30
698	1	100	30
701	1	100	30
700	1	100	30
696	1	100	30
689	1	100	30
701	1	100	30
702	1	100	30
697	1	100	30
687	1	100	30

Wind Samp	Wind Tx	ISS Recept	Arc. Int.
702	1	100	30
703	1	100	30
696	1	100	30
688	1	100	30
703	1	100	30
702	1	100	30
693	1	100	30
692	1	100	30
703	1	100	30
702	1	100	30
691	1	100	30
695	1	100	30
701	1	100	30
700	1	100	30
693	1	100	30
691	1	100	30
702	1	100	30
702	1	100	30
698	1	100	30
684	1	100	30
696	1	100	30
702	1	100	30
702	1	100	30
701	1	100	30
701	1	100	30
686	1	100	30
686	1	100	30
703	1	100	30
700	1	100	30
702	1	100	30
702	1	100	30
692	1	100	30

Wind Samp	Wind Tx	ISS Recept	Arc. Int.
685	1	100	30
699	1	100	30
703	1	100	30
701	1	100	30
702	1	100	30
697	1	100	30
686	1	100	30
671	1	98.1	30
701	1	100	30
703	1	100	30
701	1	100	30
685	1	100	30
700	1	100	30
703	1	100	30
702	1	100	30
689	1	100	30
696	1	100	30
701	1	100	30
702	1	100	30
688	1	100	30
695	1	100	30
702	1	100	30
703	1	100	30
689	1	100	30
696	1	100	30
703	1	100	30
699	1	100	30
694	1	100	30
661	1	96.6	30
702	1	100	30
700	1	100	30
700	1	100	30

Wind Samp	Wind Tx	ISS Recept	Arc. Int.
686	1	100	30
699	1	100	30
702	1	100	30
701	1	100	30
692	1	100	30
656	1	95.9	30
700	1	100	30
701	1	100	30
700	1	100	30
689	1	100	30
668	1	97.7	30
678	1	99.1	30
701	1	100	30
702	1	100	30
700	1	100	30
692	1	100	30
683	1	99.9	30
697	1	100	30
702	1	100	30
701	1	100	30
703	1	100	30
701	1	100	30
685	1	100	30
691	1	100	30
701	1	100	30
703	1	100	30

APPENDIX H

Analytical Reports

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order: 041628660
Customer ID: GECN80
Customer PO:
Project ID: S9805-**-**

Attention: Josh Ewert
Geocon Consultants, Inc.
3160 Gold Valley Drive
Suite 800
Rancho Cordova, CA 95742
Project: DTSC Metal Shredders / S9850-03-21 (S9805-**-**)

Phone: (916) 852-9118
Fax: (916) 852-9132
Received Date: 10/17/2016 8:50 AM
Analysis Date: 10/19/2016
Collected Date: 10/12/2016

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	*Location*	*Volume (Liters)*	*Area Analyzed (mm^2)*	*Non Asb*	*Asbestos Type(s)*	*#Structures ≥0.5μ < 5μ*	*#Structures ≥5μ*	*Analytical Sensitivity (S/cc)*	*Asbestos Concentration (S/mm^2)*	*Asbestos Concentration (S/cc)*
SART11-T1-Asbestos *041628660-0001* Gypsum fibers Detected	Perimeter Sample	2880.00	0.0524	0	None Detected			0.0026	<19.00	<0.0026
SART12-T1-Asbestos *041628660-0002* Gypsum fibers Detected	Perimeter Sample	2880.00	0.0524	0	None Detected			0.0026	<19.00	<0.0026
SART13-T1-Asbestos *041628660-0003* Gypsum fibers Detected	Perimeter Sample	2880.00	0.0524	0	None Detected			0.0026	<19.00	<0.0026
SART14-T1-Asbestos *041628660-0004* Gypsum fibers Detected	Perimeter Sample	2880.00	0.0524	0	None Detected			0.0026	<19.00	<0.0026
SART11-T2-Asbestos *041628660-0005* Gypsum fibers Detected	Perimeter Sample	2880.00	0.0524	0	None Detected			0.0026	<19.00	<0.0026
SART12-T2-Asbestos *041628660-0006* Gypsum fibers Detected	Perimeter Sample	2880.00	0.0524	0	None Detected			0.0026	<19.00	<0.0026
SART13-T2-Asbestos *041628660-0007* Gypsum fibers Detected	Perimeter Sample	2880.00	0.0524	0	None Detected			0.0026	<19.00	<0.0026
SART14-T2-Asbestos *041628660-0008* Gypsum fibers Detected	Perimeter Sample	2880.00	0.0524	0	None Detected			0.0026	<19.00	<0.0026
SART15-T2-Asbestos *041628660-0009* Gypsum fibers Detected	Perimeter Sample	2880.00	0.0524	0	None Detected			0.0026	<19.00	<0.0026
SART11-T3-Asbestos *041628660-0010* Gypsum fibers Detected	Perimeter Sample	2880.00	0.0524	0	None Detected			0.0026	<19.00	<0.0026