

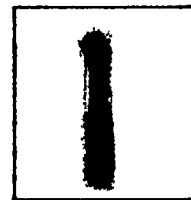
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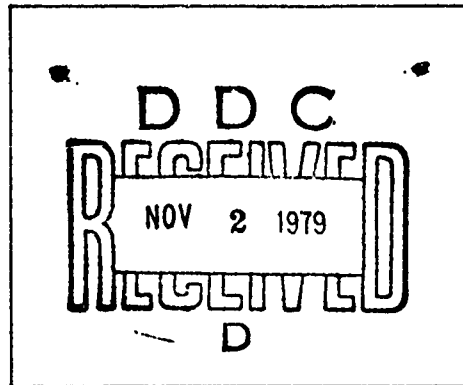
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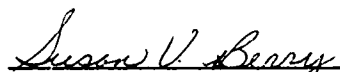
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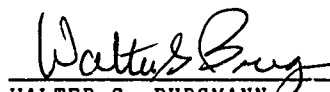
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1 REPORT NUMBER USAFETAC/DS-79/075	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER															
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Clinton Co AFB, Wilmington, Ohio		5 TYPE OF REPORT & PERIOD COVERED Final rept.															
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16 DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18 SUPPLEMENTARY NOTES																	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number)																	
<table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20 ABSTRACT (Continue on reverse side if necessary and identify by block number)																	
<p>This report is a six-part statistical summary of surface weather observations for Clinton Co AFB, Wilmington, Ohio</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)</p>																	

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19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Oh10

* Clinton Co AFB, OH

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

UNCLASSIFIED

REVISED

UNIFORM SUMMARY

OF

SURFACE WEATHER OBSERVATIONS

STA NO. STATION NAME LATITUDE LONGITUDE STN. ELEV. FT. CALL SIGN WHO NO.
12241 WILMINGTON OHIO/CLINTON CO AFB N 39 26 W 082 48 1072 KICN

PERIOD OF RECORD

FOR HOURLY OBSERVATIONS: AUG 48 JAN 49 MAR 49 JUN 49 SEP 49 MAR 50 NOV 50

FOR DAILY OBSERVATIONS: AUG 48 JAN 49 MAR 49 JUN 49 SEP 49 MAR 50 NOV 50

SUMMARIES

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, AND MEAN TEMPERATURES
EXTREME MAX AND MIN TEMPERATURES
PSYCHROMETRIC DRY VS. WET BULB
MEANS & STANDARD DRY BULB, WET BULB, AND DEW POINT
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE

0 24-6 01 11

FORM
OCT 56

SPECIAL SUMMARY USAF ETAC

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

DATA PROCESSING DIVISION
 USAF 51AC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13841 WILMINGTON OHIO/CLINTON CO AFB 46-49 YEARS

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.1	26.3	4.1	33.5		66.4	51.7	59.9	7.4		75.1	424
FEB		3.0	36.6	3.3	32.2		55.7	34.2	56.4	1.7		75.7	30
MAR		7.8	35.3	2.7	23.6	.9	61.2	43.3	53.6	2.4		68.2	43
APR		15.6	46.7	.4	8.2	.2	39.1	39.3	31.0			34.1	43
MAY		21.4	41.5		.6	.6	54.1	39.3	33.5			57.4	73
JUN		25.3	32.6			.2	42.4	37.5	41.2			34.3	42
JUL		26.1	38.1			.5	44.1	43.9	51.6		.2	61.0	43
AUG		21.0	34.1			.5	39.0	55.1	63.7	.2		73.6	434
SEP		10.9	29.1	.2		.2	35.6	41.3	43.3			34.1	43
OCT		3.6	30.1		1.6		37.4	46.7	49.7			62.2	43
NOV		3.3	31.2	.2	16.7		31.4	49.7	49.2	2.1		35.3	44
DEC		.2	27.0	2.7	27.5		56.6	49.6	53.1	3.7		58.2	43
TOTALS		11.7	34.0	1.1	12.3	.3	51.3	46.1	49.9	2.3		63.6	3754

1210 WS FORM 0-10.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JULY 64

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AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,
~~_____~~

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

13841 WILMINGTON OHIO/CLINTON CO AFB 43-49, 53-61, 65-67

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
	SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	35.3	26.0	3.8	9.9	6.5	7.7	4.0	4.2	2.2	.2	.2			38.7	496	3.75	11.46	.93
FEB	35.6	21.7	3.8	9.9	6.6	8.0	6.4	5.7	2.4					42.7	424	3.31	5.53	.60
MAR	37.7	20.8	4.2	10.5	4.2	8.3	6.5	5.4	2.4					41.5	496	3.38	10.72	1.10
APR	40.0	16.5	4.1	8.2	4.1	10.6	6.9	5.9	3.7					43.5	510	4.26	8.67	2.13
MAY	43.9	12.9	1.9	4.9	4.5	9.7	8.8	7.7	2.6					40.2	465	4.01	10.13	1.65
JUN	56.3	8.4	2.9	6.1	3.9	7.8	7.5	4.7	2.2	.2				35.3	510	3.39	6.91	.89
JUL	56.5	10.9	2.0	5.4	5.2	5.6	5.6	5.8	2.4	.4				32.7	496	4.04	9.96	.84
AUG	61.5	13.5	2.3	3.4	3.6	5.3	4.7	3.8	1.9					25.0	527	2.65	5.57	.55
SEP	62.8	13.9	.7	3.7	2.8	5.4	3.7	5.0	1.9	.2				23.3	540	2.75	7.31	.37
OCT	63.4	9.5	2.1	5.1	3.8	5.3	7.0	2.8	.9					27.1	527	2.22	3.90	.39
NOV	48.0	16.1	1.6	9.4	4.5	6.9	6.5	5.1	2.0					35.9	510	3.08	5.60	.75
DEC	41.5	21.8	4.8	9.1	5.0	6.7	5.4	3.6	2.0					36.7	496	2.83	6.96	.55
ANNUAL	48.5	16.2	2.8	7.1	4.6	7.3	6.1	5.0	2.2	.1	.0			35.2	5997	4.47		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

13841 STATION WILMINGTON OHIO/CLINTON CO AFB 43-49 53-67 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
43								1.07	1.17	.32	.53	.43	1.74
44	.62	1.57	1.49	1.06	1.28	.40	.31	1.74	.47	.24	.58	1.20	1.74
45	.23	1.70	2.45	1.31	1.37	1.10	.98	1.05	.79	1.02	.98	1.39	2.45
46	10.00			.69	1.14	1.19			.61	.52	1.47	.87	
47	1.59	.16	.53	1.33	1.35	1.07	.80	2.11	1.31	.87	.86	.61	2.11
48	.65	1.28	.76	1.54	.27	.79	1.75	.74	.91	1.10	1.60	1.66	1.75
49	2.44	1.07	1.48	.47	.36	1.75	1.69	.90		1.11			
52			1.01	.77	.92	1.41	1.67	.22	.22	.42	1.28	.75	
54	.75	3.09	.89	1.20	.80	.75	3.84	1.02	.96	.96	.29	.80	3.84
55	.40	.87	1.29	1.05	.72	.68	1.39	.22	1.25	1.06	1.14	.25	1.39
56	.56	.82	1.09	1.23	.78	.78	1.48	1.14	1.60	.36	1.09	1.20	1.60
57	1.02	1.87	.32	1.74	2.16	2.62	2.58	.68	1.82	1.71	1.82	1.27	2.62
58	.71	.63	.61	1.17	1.74	1.48	1.86	2.22	1.87	.43	.97	1.29	2.22
59	2.87	.61	.59	.22	1.97	1.34	1.86	.68	1.24	1.22	.77	1.54	2.87
60	1.90	1.12	.24	1.68	1.89	1.22	.75	.37	.59	.89	1.16	1.16	1.89
61	.61	2.11	.90	1.79									
62													
63													
64													
65						.82	1.22	.62	2.14	.25	.62	.68	
66	1.37	.68	.53	1.04	1.06	.77	.78	1.24	.84	.64	1.22	1.11	
67	.32	.91	1.01	1.49	1.06	.68	1.00	.20	.97	.79	.82		
MEAN	1.25	1.09	.96	1.14	1.21	1.10	1.47	1.02	1.14	.80	1.01	.96	2.24
S. D.	2.362	.567	.592	.274	.541	.597	.822	.611	.674	.278	.411	.415	.679
TOTAL OBS.	496	422	496	510	462	510	496	527	540	527	510	496	5997

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EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

12841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

48-49-50-51
YEARS

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
49			.05										PRECIP DAYS
61			16		1.75	0	0	0	0	0	0	0	PRECIP DAYS
62	0	0	0	0	0	0	0	0	0	.41	.78	0	PRECIP DAYS
63	0	0	0	0	0	0	0	0	0	0	.01	.17	PRECIP DAYS
64	0	.05	0	0	.01	.01	0	0	0	0	0	0	PRECIP DAYS
65	0	0	0	0	.06	1	0	0	0	0	0	0	PRECIP DAYS
66	0	0	0	0	.52	30							PRECIP DAYS
MEAN													
S D													
TOTAL OBS													

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

13841 WILMINGTON OHIO/CLINTON CO AFB 46-49, 53-61, 63-67

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)							
	NONE	TRACE	01	02 05	06-10	11 25	26-50	51 100	101 250	251 500	501 1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST					
	SNOWFALL	SNOW-DEPTH	01 04	05 14	15 24	25 34	35 44	45 64	65 104	105 154	155 254	255 504	OVER 504			1	2	3	4 6	7-12	13 24	25 36	37 48
JAN	56.5	23.0	3.8	6.7	2.3	1.4	.5	.9						20.5	434	7.1	16.0	2.1					
FEB	61.2	18.3	9.0	6.0	2.5	1.1	1.1	.3	.5					20.4	367	6.9	15.4	.3					
MAR	70.7	14.7	6.2	5.1	2.1	.5		.5	.2					14.5	434	4.6	10.4	.6					
APR	92.6	5.0	1.9	.5										2.4	420	.3	2.0	.0					
MAY	99.4	.6													463	TRACE	TRACE	.0					
JUN	99.8	.2													450	TRACE	TRACE	.0					
JUL	99.6	.2													434	TRACE	TRACE	.0					
AUG	100.0														434	.0	.0	.0					
SEP	99.6	.2													450	TRACE	TRACE	.0					
OCT	98.4	1.4		.2										.2	434	.1	1.3	.0					
NOV	82.1	10.0	3.6	2.9	.5	.5	.2		.2					7.9	420	2.7	10.3	.0					
DEC	67.5	17.6	5.7	5.2	2.2	.7		1.0						14.9	403	4.8	13.8	1.4					
ANNUAL	85.7	7.6	2.9	2.2	.8	.3	.1	.2	.1					6.7	5145	26.5							

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

18841 WILMINGTON OHIO/CLINTON CD AFB 46-49 59-67
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43													
44													
45													
46	2.7			.1	.0	.0			.0	.0	.0	4.7	
47	.8	3.9	1.6	.0	TRACE	.0	.0	.0	.0	.0	TRACE	1.6	3.9
48	2.4	3.8	1.7	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	8.8
49	2.5	1.8	2.4	TRACE	.0	.0	.0	.0	TRACE				
53			1.0	.2	.0	.0	.0	.0	.0	.0	1.7	1.6	
54	3.0	4.0	2.2	TRACE	TRACE	TRACE	TRACE	.0	.0	TRACE	.4	1.5	5.0
55	3.2	1.2	2.0	.0	.0	.0	.0	.0	.0	.0	1.8	.6	3.2
56	3.6	.3	5.4	.9	.0	.0	.0	.0	.0	.0	1.4	.8	6.4
57	3.2	1.9	.8	TRACE	.0	.0	.0	.0	.0	.0	.2	4.8	4.8
58	2.2	1.6	3.4	.2	.0	.0	.0	.0	.0	.0	10.3	4.8	10.3
59	2.4	.3	3.8	TRACE	.0	.0	.0	.0	.0	TRACE	1.4	2.6	3.9
60	1.6	3.7	2.4	TRACE	TRACE	.0	.0	.0	.0	.0	.4	4.6	4.6
61	2.7	3.8	.6	1.4	.0								
62													
63													
64													
65						.0	.0	.0	.0	.0	.8	.6	
66	3.9	3.2	1.6	.0	.0	.0	.0	.0	.0	.0	3.4	.8	
67	1.8	3.1	7.0	.0	.0	.0	.0	.0	.0	TRACE	3.5		
MEAN	3.38	3.28	2.73	.20	TRACE	TRACE	TRACE	.00	TRACE	.09	1.80	2.38	5.88
S D	1.595	2.647	2.197	.421	.000	.000	.000	.000	.000	.347	2.709	1.721	2.319
TOTAL OBS	434	367	434	420	462	450	434	434	450	434	420	403	5145

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 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
 (FROM DAILY OBSERVATIONS)

13841 WILMINGTON OHIO/CLINTON CO AFB 46-49; 53-67
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES
 /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
43								0	0	0	0	0	SNOWFALL DAYS
44	0	0	0	0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
45	0	0	0	0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
46			16.0										SNOWFALL DAYS
61						26.0	0	0	0	0	0	0	SNOWFALL DAYS
62	0	0	0	0	0	0	0	0	0	5.0	TRACE	0	SNOWFALL DAYS
63	0	0	0	0	0	0	0	0	0	0	2.0	1.7	SNOWFALL DAYS
64	0	2.2	0	0	1.0	0	0	0	0	0	0	0	SNOWFALL DAYS
65	0	0	0	0	14.0								SNOWFALL DAYS
66				TRACE									SNOWFALL DAYS
				28									
MEAN													
S. D.													
TOTAL OBS													

DATA PROCESSING DIVISION
 USAF BTAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

13841 WILMINGTON OHIO/CLINTON CO AFB 43-49, 53-67
STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02 05	06-10	11 25	26-50	51 100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	44.8	19.7	8.7	10.2	5.7	8.5	2.3							35.5	527				
FEB	50.7	18.6	10.2	8.4	4.6	4.9	2.7							30.8	452				
MAR	76.3	8.7	5.9	2.8	2.3	3.6	.4							15.0	527				
APR	97.9	1.6	.4	.2										.5	570				
MAY	100.0														527				
JUN	100.0														570				
JUL	100.0														527				
AUG	100.0														558				
SEP	100.0														570				
OCT	100.0														558				
NOV	92.8	2.0	2.0	1.9	.6	.4	.4							5.2	540				
DEC	56.2	12.7	11.2	6.5	3.6	6.1	3.8							31.1	527				
ANNUAL	84.9	5.3	3.2	2.5	1.4	2.0	.8							9.8	6493				

DATA PROCESSING DIVISION
 USAF ETAC
 ATR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

1961 STATION WILMINGTON OHIO/CLINTON CO AFB 42047 5507 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
43								0	0	0			
44	3	3	1	TRACE	0	0	0	0	0	0	1	10	10
45	6	4	0	0	0	0	0	0	0	0	0	8	8
46	3											5	
47	2	4	0	0	0	0	0	0	0	0	TRACE	2	4
48	8	10	1	0	0	0	0	0	0	0	0	2	10
49	4	3	2	TRACE	0	0	0	0	0	0			
52			2	2							2	8	
54	2	1	2	TRACE	0	0	0	0	0	0	TRACE	2	5
55	2	2	2	0	0	0	0	0	0	0	2	1	3
56	8	TRACE	6	1	0	0	0	0	0	0	2	1	8
57	4	1	3	TRACE	0	0	0	0	0	0	0	7	7
58	2	2	3	0	0	0	0	0	0	0	10	8	10
59	4	TRACE	0	0	0	0	0	0	0	0	2	1	6
60	4	3	9	0	0	0	0	0	0	0	0	9	9
61	9	3	1	1									
62												3	
63	5	7	1	0	0	0	0	0	0	0	0	5	7
64				0									
65							0	0	0	0		1	
66	6	9	2	0	0	0	0	0	0	0	3	4	
67	2	7	8	0	0	0	0	0	0	0	3		
MEAN	4.8	3.8	3.1	2.2	1.0	1.0	1.0	1.0	1.0	1.0	1.5	4.5	7.3
S D	2.294	3.060	2.690	1.888	1.000	1.000	1.000	1.000	1.000	1.000	2.350	3.204	2.379
TOTAL OBS	527	482	527	570	527	570	527	558	570	558	540	527	6453

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

1961 STATION WILMINGTON OHIO/CLINTON CO APB 49-49 33-07 YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
43											TRACE	5	SNOW DPTH DAYS
46			0									30	SNOW DPTH DAYS
61			16			0	0	0	0	0	0	2	SNOW DPTH DAYS
62	2	4	4	0	0	0	0	0	0	0			SNOW DPTH DAYS
64	26	24	27	25	27	26	27	29	26	27			SNOW DPTH DAYS
65	0	2	0		1		0	0	0	0	0		SNOW DPTH DAYS
66	0	0	0	0	14								SNOW DPTH DAYS
					30								SNOW DPTH DAYS
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM 0-88-5 (OLI)
 JUL 64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
 (FROM DAILY OBSERVATIONS)

1961 WILMINGTON OHIO/CLINTON CO AFB 46-49 62-67
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV.	DEC	ALL MONTHS
43													
44													
45													
46												NW 38	
47	NW 46NW	40WNW	43W	50SSW	50N	31E	30SW	43SSW	38S	30W	44SW	40	W 58
48	SE 47WSW	40SSW	50SSW	43WSW	46S	57WSW	33S	34SSW	27W	31W	43S	40	SSW 53
49	SW 30SW	39SSW	41WSW	49S	47SE	47W	30SSW	37					
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63	SSW 28SW	22SW	40W	37W	20WNW	35SE	24WSW	34NW	33		N 32WNW	23	
64	66/ 3466/	2366/	4766/	6166/	3478/	4883/	3188/	2777/	2777/	3177/	3484/	38	66/ 47
65	77/ 3866/	3822/	3977/	4876/	3418/	3132/	2976/	3276/	4877/	3877/	4866/	35	76/ 54
66	78/ 3012/	2877/	3878/	4268/	3877/	3077/	4818/	4056/	3876/	3411/	4883/	34	77/ 45
67	53/ 3877/	4618/	3277/	3877/	4276/	3218/	3412/	3368/	2883/	3477/	32		
MEAN	38.9	36.4	41.0	46.1	42.4	37.9	32.2	38.0	31.9	32.7	37.5	38.6	51.8
S D	8.122	7.408	6.948	6.600	8.681	8.785	7.191	6.000	7.081	2.338	6.990	3.809	5.541
TOTAL OBS	244	220	202	238	241	240	262	244	202	183	238	242	2779

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
 (FROM DAILY OBSERVATIONS)

1951 WILMINGTON OHIO/CLINTON CO AFB 46-49 62-67
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS
 /BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
46	W 41 23		0	0	0	0			0	0	0		WINDS DAYS
49									W 32 26				WINDS DAYS
53			0	0	0	0	0	0	0	0	0	0	WINDS DAYS
54	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
55	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
56	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
57	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
58	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
59	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
60	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
61	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
62	0	0	0	0	0	0	0	0	N 19 8	27 25			WINDS DAYS
63										SW 23 27			WINDS DAYS
MEAN													
S D													
TOTAL OBS.													

DATA PROCESSING DIVISION
 DATA PROCESSING DIVISION
 USAF ETAC

DAILY TEMPERATURES

AIR WEATHER SERVICE/MAC
 19841 WILMINGTON OHIO/CLINTON CO AFB 43-49 52-67

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100													0
95						1.2	2.2	2.8					.6
90						11.4	18.8	19.2					4.7
85				4.6	7.3	23.0	32.0	40.1	21.0	2.1			13.9
80			2.2	4.9	21.7	64.6	80.0	70.1	42.3	8.6			23.2
75			2.5	13.9	41.1	82.6	96.6	98.0	62.7	22.4			35.3
70		.2	7.4	29.4	59.6	92.6	98.8	98.1	79.8	37.2	3.7		43.1
65	1.0	2.1	16.6	43.6	75.3	97.7	100.0	99.6	82.1	83.0	12.2	.6	50.4
60	3.6	6.6	26.9	58.5	88.0	98.6		100.0	97.6	70.3	24.7	4.2	57.5
55	7.7	14.3	38.0	72.2	93.6	98.8			99.6	88.3	39.0	12.2	64.3
50	14.7	23.9	47.6	84.0	97.0	100.0			99.8	99.0	54.0	21.1	70.8
45	23.6	33.1	59.8	92.0	99.3				100.0	97.9	69.9	32.0	76.7
40	33.1	48.1	73.1	98.4	99.8					99.3	80.7	49.7	82.6
35	38.0	63.3	85.6	99.4	100.0					100.0	91.8	64.8	88.9
30	72.8	81.9	96.8	100.0							97.8	81.3	94.4
25	85.3	90.4	98.6								99.3	91.1	97.3
20	93.3	93.3	100.0								99.8	96.6	98.9
15	97.4	98.4									100.0	99.4	99.6
10	99.8	100.0										100.0	100.0
5	100.0												100.0
0													100.0
MEAN	36.2	40.1	49.3	62.0	71.2	81.2	84.6	82.7	77.1	58.3	50.7	39.5	61.7
S. D.	11.697	12.282	13.229	11.468	9.876	7.462	5.767	6.288	8.612	10.327	11.413	11.571	12.724
TOTAL OBS	496	426	333	311	333	311	497	327	338	332	339	497	6126

DATA PROCESSING DIVISION

USAF ETAC

AIR WEATHER SERVICE/MAC

19841

WILMINGTON OHIO/CLINTON CO AFB

52-49, 53-57

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75							17.4	12.2					3.0
70						6.8	36.0	59.1					13.5
65					5.7			60.7	87.9	2.1			23.2
60			2.2	4.1	19.0	39.1	79.5	91.1	99.0	14.3	3.4		23.2
55	.2	.2	2.7	12.1	37.9	74.7	95.4	91.1	99.0	21.3	7.4	1.6	42.1
50	.6	.7	5.7	25.8	55.3	94.1	99.0	90.7	96.0	45.9	15.2	4.4	49.7
45	1.8	3.1	11.3	38.4	75.7	98.2	100.0	99.8	99.7	65.9	25.0	9.5	57.3
40	4.4	8.4	20.9	55.4	89.3	100.0		100.0	97.4	88.6	65.0	35.0	66.4
35	10.5	18.0	35.9	73.7	97.2				99.6	87.8	62.0	46.7	69.9
30	14.7	22.3	42.2	82.0	97.9				100.0	91.7	52.1	31.9	75.3
25	22.0	24.3	50.7	90.6	99.6					97.9	66.8	33.6	84.6
20	40.3	52.8	74.2	97.8	100.0					99.8	86.3	52.7	90.8
15	59.5	69.0	87.7	100.0						100.0	95.4	73.0	94.5
10	72.4	81.5	94.7								95.1	83.2	94.7
5	82.1	89.2	97.5								99.1	89.7	96.2
0	90.3	93.4	98.6								99.6	94.6	99.2
-5	96.0	97.2	99.4								99.8	97.4	99.2
-10	99.0	99.8	100.0								100.0	99.6	99.9
-15	100.0	100.0										100.0	100.0
MEAN	21.1	26.1	31.6	42.1	51.0	60.6	64.2	69.1	75.2	84.4	89.9	24.7	42.0
S D	11.79	11.10	11.00	9.70	8.77	6.90	5.33	5.80	8.23	8.72	9.72	11.30	17.64
TOTAL OBS	496	486	513	511	538	511	497	527	542	332	339	497	8126

USAF ETAC FORM 0 21.5 (CL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

DATA PROCESSING DIVISION

USAF ETAC

AIR WEATHER SERVICE/HAC

13841 WILMINGTON OHIO/CLINTON CO AFB

45-49, 53-67

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85						1.0	8.6	16.7	22.0				1.1
80					3.9	34.2	52.3	60.1	68.9				15.2
75					19.4	62.4	84.1	92.8	98.9				24.2
70				2.9	35.1	61.6	86.6	93.2	98.7				33.9
65			1.8	12.9	39.6	63.7	88.6	95.8	99.0				43.2
60	.4	.2	5.6	27.2	59.6	85.7	100.0	99.8	98.8	82.1	5.6	.4	57.6
55	1.0	1.9	12.3	40.3	78.1	98.2		100.0	92.6	70.2	13.0	1.4	65.5
50	3.3	3.6	23.0	56.8	94.5	100.0			98.3	70.3	23.2	6.4	73.3
45	7.7	13.1	35.9	75.0	95.9				100.0	89.5	60.8	19.5	80.5
40	16.9	28.5	51.3	89.8	95.9					97.6	60.5	29.9	87.3
35	29.4	42.3	67.6	97.7	100.0					99.6	77.0	40.2	93.0
30	46.6	61.0	81.9	99.4						100.0	91.5	56.5	96.2
25	66.7	76.3	92.4	100.0							97.8	78.1	98.0
20	79.6	97.8	97.3								98.7	88.1	98.0
15	88.9	93.0	98.0								99.8	93.4	99.2
10	93.4	96.9	100.0									97.6	99.8
5	98.6	99.3									100.0	99.6	100.0
0	99.8	100.0										100.0	100.0
-5	100.0												100.0
MEAN	28.0	32.2	40.3	52.1	61.2	71.0	74.5	73.3	66.4	55.0	42.4	32.1	52.3
S D	11.20	11.22	11.37	9.93	8.77	6.82	4.89	5.63	7.19	8.61	9.92	10.92	10.48
TOTAL OBS	496	426	513	511	533	511	497	427	542	532	539	497	6126

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

12641
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-49, 55-67
 YEARS

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43								92	94	82	71	58	
44	63	59	73	76	89	100	99	96	83	81	74	53	100
45	39	69	81	81	82	92	93	94	92	77	73	52	94
46	68			82	81	90			91	87	77	65	
47	65	53	67	80	82	90	89	94	89	86	62	59	94
48	39	66	77	86	84	93	54	101	90	76	68	64	101
49	64	68	73	77	89	92	93	93	84				
50			72	79	88	95	96	97	96	88	70	63	
51	57	71	68	87	87	96	101	90	98	86	71	58	101
52	59	64	70	79	84	88	94	93	97	78	74	59	97
53	53	53	71	80	86	92	94	93	87	81	73	69	94
54	33	68	70	82	86	92	93	92	92	75	64	59	93
55	49	62	53	80	82	88	88	87	87	77	77	56	88
56	62	64	73	75	87	91	91	92	90	87	79	63	92
57	64	56	72	83	83	86	88	89	93	80	69	64	93
58	34	68	70	79									
59													
60													
61													
62													
63													
64													
65							92	97	93	87	79	69	62
66	55	58	74	73	87	93	93	88	89	76	67	66	
67	67	60	76	80	87	92	89	87	86	63	62		
68													
69													
70													
71													
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90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN	55.7	62.7	71.5	82.2	85.1	91.9	93.5	92.3	90.8	81.1	70.5	60.6	95.2
S. D.	7.557	5.192	5.633	2.511	2.722	3.249	3.812	3.676	3.939	4.386	4.543	4.689	4.119
TOTAL OSS.	486	624	496	510	658	210	496	527	540	527	510	496	5997

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

12841 STATION WILMINGTON OHIO/CLINTON CO AFB 48-49, 88-87 YEARS

WHOLE DEGREES FAHRENHEIT
 /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46			77										MAX TEMP DAYS
			16										MAX TEMP DAYS
61					81	0	0	0	0	0	0	0	MAX TEMP DAYS
					25	0	0	0	0	0	0	0	MAX TEMP DAYS
62	0	0	0	0	0	0	0	0	0	66	59	0	MAX TEMP DAYS
	0	0	0	0	0	0	0	0	0	2	27	0	MAX TEMP DAYS
63	0	0	0	0	0	0	0	0	0	0	63	24	MAX TEMP DAYS
	0	0	0	0	0	0	0	0	0	0	2	1	MAX TEMP DAYS
64	0	2	31	0	0	1	87	89	89	0	90	0	MAX TEMP DAYS
	0	2	0	0	1	1	87	89	89	0	90	0	MAX TEMP DAYS
65	0	0	31	54	89								MAX TEMP DAYS
	0	0	1	1	14								MAX TEMP DAYS
66					82								MAX TEMP DAYS
					30								MAX TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

1981
 STATION

WILMINGTON OHIO/CLINTON CO. APB
 STATION NAME

43-49-53-67
 YEARS

YEARS

WHOLE DEGREE FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43								46	37	32	18	1	
44	-8	-2	8	21	35	46	49	50	41	28	21	5	
45	-2	-7	25	26	30	42	49	47	47	31	20	-5	
46	1			28	37	44			39	22	20	10	
47	2	-4	18	29	28	46	47	54	34	34	12	10	
48	-2	-1	8	29	33	44	52	45	42	25	26	8	
49	3	0	14	28	36	47	58	52	34				
53			15	23	45	44	51	50	40	29	19	-2	
54	4	19	13	21	30	40	34	49	44	27	20	9	
55	-5	-1	10	25	37	48	62	56	44	29	7	3	
56	6	17	12	28	35	46	57	51	39	33	5	14	
57	-5	-5	14	22	30	52	57	51	38	30	18	5	
58	1	-8	20	29	39	47	60	50	45	34	-4	-5	
59	-7	3	15	29	34	48	56	56	40	30	12	18	
60	7	10	-4	24	33	51	53	57	46	23	22	-6	
61	-9	5	22	22									
62													
64													
65						50	7	41	38	26	21	18	
66	-10	3	18	27		42	4	52	42	29	20	4	
67	4	-8	6	28	32	52	10	50	37	29	19		
MEAN	-0.8	3.5	13.5	22.8	34.8	46.5	54.1	50.6	40.4	29.7	16.2	5.4	23.8
S D	6.094	7.872	7.005	3.046	4.229	2.642	4.223	3.926	5.834	3.037	7.538	7.668	4.423
TOTAL OBS	496	424	494	510	463	510	486	527	540	527	510	496	5997

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

12841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-49 52-67
YEARS

WHOLE DEGREES FAHRENHEIT
 /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46			34										MIN TEMP DAYS
61			16		30	0	0	0	0	0	0	0	MIN TEMP DAYS
62	0	0	0	0	0	0	0	0	0	21	24	0	MIN TEMP DAYS
63	0	0	0	0	0	0	0	0	0	0	27	2	MIN TEMP DAYS
64	0	2	16	0	54	57	65	0	57	0	0	0	MIN TEMP DAYS
65	0	0	26	40	41								MIN TEMP DAYS
66	0	0	1	1	14	27							MIN TEMP DAYS
					30								MIN TEMP DAYS
MEAN													
S D													
TOTAL OBS.													

STATION NO. OR NUMBER	STATION NAME	LATITUDE	LONGITUDE	STATION ELEVATION	CALL SIGN	WIND NUMBER
13941	WILMINGTON OHIO/CLINTON CO AFB	N 39 26	W 03 48	1072	WTN	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL	
			FROM	TO			STATION (FT)	TYPE BAROMETER
1	Clinton County Army Air Fld	AAF	Aug 43	Jun 48	N 39 26	W 03 48	1055	Mercurial
2	Clinton County AFB	A	Jul 48	Sep 49	No Change	No Change	No Change	No Change
2	No Change	A	Mar 53	May 61	No Change	No Change	No Change	No Change
2	No Change	A	Jun 61	May 65	No Change	No Change	No Change	No Change
2	No Change	A	Jun 65	Jun 68	No Change	No Change	No Change	No Change
2	No Change	A	Jul 68	Nov 68	No Change	No Change	No Change	No Change

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Aug 43 to Jun 48	Not Available	Anemometer	N/A	N/A	
1	Jul 48 to Apr 53	Not Available	No Change	N/A	N/A	
2	May 53 to Feb 55	Located on S side of Operations Bldg.	AN/CMC-17	N/A	21 Ft	
3	Mar 55 to Feb 57	Located approx. 500 ft SW of Oper. Bldg	No Change	N/A	12 Ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER		HT ABOVE GROUND
4	Mar 57 to Feb 60	Located on top of Control Tower, approx. 100 ft NE of Operations Bldg.	AN/GMQ-1A	N/A	90 Ft	
4	Mar 60 to Aug 62	Located on top of Control Tower Cab.	No Change	N/A	75 Ft	
5	Sep 62 to Feb 63	Located 1700 ft on 320 degrees from Weather Station.	T-420/ GMQ-11	KO-2	13 Ft	
6	Mar 63 to Nov 68	Located 2800 ft NW of Weather Station.	No Change	No Change	No Change	

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

Revised
UNIFORM SUMMARY
of
SURFACE WEATHER OBSERVATIONS

DESCRIPTION OF SUMMARIES:

Preceding each section is a brief description of the data comprising each part of the revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

HOURLY OBSERVATIONS are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

STANDARD 3-HOUR GROUPS All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____
FEBRUARY _____
MARCH _____

APRIL _____
MAY _____
JUNE _____

JULY _____
AUGUST _____
SEPTEMBER _____

OCTOBER _____
NOVEMBER _____
DECEMBER _____

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHBVILLE, N. C. 28801

WEATHER CONDITIONS

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49,54-68

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02	.2	9.8	.7	11.3		21.8	20.3	19.9	1.1		27.7	1671
	03-05	.1	10.6	1.1	11.3		22.8	24.4	18.8	1.5		40.4	1576
	06-08	.1	9.9	.9	14.1		24.7	27.4	23.1	1.8		48.4	1670
	09-11	.1	9.1	.7	14.6		24.0	26.7	28.6	1.6		31.4	1873
	12-14	.1	7.7	.5	11.6		19.5	19.2	23.3	2.2	.1	43.8	1881
	15-17	.1	9.0	.2	10.7		19.6	18.0	23.2	2.4		40.2	1925
	18-20		8.2	.6	8.2		16.8	18.9	23.2	.8		40.0	1927
	21-23	.1	8.1	.8	8.9		17.6	17.7	20.4	.9		25.9	1930
TOTALS		.1	9.0	.7	11.3		20.7	21.4	23.1	1.8	.0	42.2	14473

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHBVILLE, TN, C, 28801

WEATHER CONDITIONS

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45, 47-49, 54-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02	.3	9.7	.3	9.0		18.7	14.7	16.0	1.7		31.7	1448
	03-05	.3	9.5	.5	9.5		19.4	16.5	15.6	1.5		32.9	1365
	06-08	.1	10.2	1.1	11.2		22.4	24.0	21.3	1.6	.1	43.6	1448
	09-11		8.8	.9	13.0		22.6	23.3	25.8	2.3		47.4	1630
	12-14		9.8	.2	10.4		20.2	17.6	23.4	2.3		40.7	1638
	15-17		10.2	.5	10.4		20.8	16.1	20.4	2.1		36.2	1686
	18-20		9.2	.2	9.5		18.9	16.3	19.9	1.1		35.9	1686
	21-23	.1	10.2	.4	9.5		19.8	14.8	16.8	1.5		32.1	1678
TOTALS		.1	9.7	.5	10.3		20.4	17.9	20.0	1.8	.0	37.6	12579

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-49, 53-68

YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02	0.5	9.8	0.3	8.1		17.9	13.1	11.0	1.5		24.6	1722
	03-05	0.4	9.8	0.8	7.3		17.7	13.2	12.6	1.4		28.0	1630
	06-08	0.4	10.1	0.6	8.1		18.5	22.3	20.6	1.1	0.1	41.7	1723
	09-11	0.5	11.0	0.5	8.5		19.7	19.2	22.1	0.8	0.2	39.8	1925
	12-14	0.6	10.3	0.2	7.5		17.8	12.8	19.2	1.1	0.2	32.0	1935
	15-17	0.5	9.9	0.1	6.6	0.1	16.4	11.2	17.0	1.3	0.2	28.5	1988
	18-20	0.5	10.1		5.5		15.5	12.1	16.4	1.2	0.1	28.4	1988
	21-23	0.9	10.9	0.2	5.5		16.4	12.1	13.2	1.0		25.2	1979
TOTALS		0.5	10.3	0.3	7.1	0.0	17.5	14.6	16.6	1.2	0.1	31.0	14890

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

12241
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-49, 53-68

YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02	1.6	11.6		1.1		12.5	9.6	7.2			16.3	1712
	03-05	1.4	12.0		1.7		13.6	11.6	8.3			19.3	1623
	06-08	1.3	12.7	.1	1.6		14.3	20.2	16.6			34.4	1712
	09-11	.8	12.5	.1	1.9		14.4	11.9	14.5			25.4	1908
	12-14	.8	11.6	.2	1.8		13.4	8.6	10.0		.1	18.2	1917
	15-17	1.2	11.6	.2	1.3		12.7	6.8	9.4		.1	15.8	1964
	18-20	1.6	11.6		.7		12.3	7.0	10.7			16.9	1965
	21-23	1.3	12.0		.7		12.6	8.5	8.2			16.3	1955
TOTALS		1.2	11.9	.1	1.3		13.2	10.4	10.6		.0	20.2	14756

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-49,53-68

YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S F)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	1.9	10.9				10.9	11.1	6.0		1.1	10.3	1782
	03-05	1.9	11.1				11.1	19.6	6.6			25.0	1697
	06-08	1.6	12.3		1.1		12.3	20.7	11.9			30.5	1782
	09-11	1.7	8.9		1.1		9.0	9.5	9.2			17.6	1965
	12-14	1.0	8.9				8.5	5.4	7.7			12.4	1573
	15-17	1.9	10.0				10.0	3.8	8.1			11.3	2032
	18-20	2.6	8.3				8.3	4.7	8.7		1.0	12.8	2029
	21-23	1.5	8.8				8.8	5.7	7.9		1.1	12.9	2021
TOTALS		1.6	9.8		1.0		9.8	9.7	8.2		1.0	17.0	15281

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

19841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49,52-68
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	1.4	4.8				4.8	7.8	10.7			17.7	1681
	03-05	1.9	6.9				6.9	18.0	12.7			28.3	1660
	06-08	1.9	5.6				5.6	17.7	17.0			31.0	1679
	09-11	1.9	5.2				5.2	5.1	14.5			19.4	1832
	12-14	1.6	5.2				5.2	2.2	10.8			12.8	1857
	15-17	4.3	6.6				6.6	1.9	11.0			12.6	1937
	18-20	4.4	6.5				6.5	2.0	13.0			14.8	1953
	21-23	3.7	6.4				6.4	3.7	13.4			16.8	1937
TOTALS		2.3	5.9				5.9	6.9	12.9			18.8	14496

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 DATA PROCESSING DIVISION
 ETAC, USAF
 ASHVILLE, N. C. 28801

WEATHER CONDITIONS

12841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45, 47-49, 53-68
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OP DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-03	2.0	3.9				3.9	8.3	14.0			21.5	1575
	03-06	2.4	5.4				5.4	20.7	15.2			34.2	1516
	06-09	1.5	6.0				6.0	22.6	22.6			40.9	1656
	09-12	1.4	5.5				5.5	6.4	20.2			25.7	1899
	12-15	2.4	6.2				6.2	2.4	15.5			17.6	1874
	15-18	3.7	6.8				6.8	1.8	13.7			15.2	1931
	18-21	3.3	5.3				5.3	2.2	17.0			18.9	1932
	21-23	2.9	4.2				4.2	4.4	16.4			19.7	1914
TOTALS		2.4	5.4				5.4	8.0	16.9			23.7	14257

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-45, 47-49, 53-68
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR S EET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND-OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	1.9	3.3				3.3	10.7	23.2			32.2	1643
	03-05	1.1	4.3				4.3	23.3	24.4			44.6	1780
	06-08	1.0	4.5				4.5	33.4	39.6			57.5	1737
	09-11	1.0	4.0				4.0	7.7	29.5			34.8	1929
	12-14	1.4	3.7				3.7	1.5	22.4			28.2	1941
	15-17	2.6	4.5				4.5	1.4	21.1		.0	22.5	2028
	18-20	3.0	4.2				4.2	2.9	24.8			27.0	1979
	21-23	1.1	3.0				3.0	6.3	22.1			27.2	1966
TOTALS		1.5	4.0				4.0	10.2	25.0		.0	33.0	14803

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBVILLE, N. C. 28801

WEATHER CONDITIONS

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-49, 53-68

YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	1.2	5.7				5.7	11.4	12.7		23.2	1688
	03-05	1.0	6.6				6.6	13.6	13.0		29.8	1527
	06-08	1.6	7.5				7.5	27.8	20.7		48.9	1744
	09-11	1.6	6.3				6.3	3.4	22.3		28.9	1927
	12-14	1.7	5.7				5.7	4.1	14.7		18.3	1947
	15-17	1.2	5.2				5.6	3.5	11.9		15.0	2046
	18-20	1.2	4.8				4.8	4.2	14.1	1.1	17.8	2045
	21-23	1.9	4.7				4.7	6.4	12.3	1.0	17.8	2028
TOTALS		19	5.8				5.8	10.0	15.2	1.0	23.7	18032

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

12841
STATION

WILMINGTON OHIO/CLINTON CL AFB
STATION NAME

43-48, 53-68

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02	1.1	6.3		1.4		6.7	13.0	13.1			25.5	1658
	03-05	1.2	7.4		1.3		7.9	17.7	13.1			30.0	1596
	06-08	1.1	8.6		1.4		9.0	27.1	21.7			44.1	1717
	09-11		7.6		1.5		8.0	13.7	21.5			32.7	1909
	12-14	1.1	6.9		1.7		7.5	6.3	14.4			20.4	1926
	15-17	1.5	8.1		1.3		8.3	6.0	11.5			17.4	2018
	18-20	1.3	6.9		1.2		7.2	7.2	14.2			21.0	2019
	21-23	1.3	5.9		1.1		6.1	8.3	12.7			20.5	2003
TOTALS		1.2	7.2		1.4		7.5	11.9	15.2			26.0	14846

1
 DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

12841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-48, 53-67

YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRE'IP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		9.3	1.8	8.2		18.1	16.7	18.0	1.9		34.1	1675
	03-05		9.6	1.9	8.3		18.4	18.9	18.8	1.6		36.1	1583
	06-08		9.4	1.0	8.6		18.3	24.7	23.4	1.5		46.2	1675
	09-11	1.1	10.6	1.9	11.2		22.3	23.2	26.8	1.4		48.9	1876
	12-14		9.5	1.5	10.3		20.0	17.2	24.1	1.3	1.1	40.8	1886
	15-17		7.9	1.6	9.5		17.9	18.3	23.1	1.7	1.1	37.4	1938
	18-20		8.8	1.5	9.0		18.2	17.0	22.8	1.6		38.6	1938
	21-23		9.1	1.5	8.7		18.0	17.1	19.1	1.7		35.3	1927
TOTALS		.0	9.2	.7	9.3		18.9	18.9	22.3	.9	.0	39.7	14498

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-49, 53-68

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.1	9.0	.7	11.3		20.7	21.4	23.1	1.5	.0	42.2	14473
FEB		.1	9.7	.5	10.3		20.4	17.9	20.0	1.8	.0	37.6	12579
MAR		.5	10.3	.3	7.1	.0	17.5	14.6	16.6	1.2	.1	31.0	14890
APR		1.2	11.9	.1	1.3		13.2	10.4	10.6		.0	20.2	14756
MAY		1.6	9.8		.0		9.8	9.7	8.3		.0	17.0	15281
JUN		2.3	5.9				5.9	6.9	12.9			18.8	14496
JUL		2.4	5.4				5.4	8.0	16.9			23.7	14257
AUG		1.5	4.0				4.0	10.2	25.0		.0	33.0	14803
SEP		.9	5.8				5.8	10.0	15.2		.0	23.7	15052
OCT		.2	7.2		.4		7.5	11.9	15.2			26.0	14846
NOV		.2	9.6	.0	4.4		13.9	14.0	18.1	.3		30.2	14723
DEC		.0	9.2	.7	9.3		15.9	18.9	22.3	.9	.0	39.7	14498
TOTALS		.9	8.1	.2	3.6	.0	11.8	12.7	16.9	.5	.0	28.4	174654

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

TABLE I 123
(FROM DAILY OBSERVATIONS)

DATE OF REPORT: 1967
US STATION: 41

12-71
STATION

1/C/1 Y 2
STATION NAME

1-47 22-67
YEARS

YEARS

JUL 1 TS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	41	41	41	40	40	39	39	43	38	38	44	40	SS
	44	45	46	47	47	47	47	46	47	48	49	49	SS
	41	41	41	40	40	40	40	40	41	41	41	41	SS
	41	41	41	40	40	40	40	40	41	41	41	41	SS
	41	41	41	40	40	40	40	40	41	41	41	41	SS
	41	41	41	40	40	40	40	40	41	41	41	41	SS
	41	41	41	40	40	40	40	40	41	41	41	41	SS
	41	41	41	40	40	40	40	40	41	41	41	41	SS
	41	41	41	40	40	40	40	40	41	41	41	41	SS
MEAN	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	42.0	42.1	42.2	51.0
S D	0.154	0.163	0.172	0.181	0.190	0.200	0.209	0.218	0.227	0.236	0.245	0.254	5.54
TOTAL OBS	266	22	242	23	242	242	244	244	222	123	238	242	277

EXTREME VALUES

SAMPLE SIZE
FROM DAILY OBSERVATIONS

DATE
CITY
AT

STATION

STATION NAME

1947, 62-67 YEARS

ADJUSTS IN FACTS
OBSERVATIONS FOR MONTH

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
									0	0			1.05
									32				1.05
									26				1.05
									19	27			1.05
									0	25			1.05
									5	23			1.05
										7			1.05
MEAN													
S D													
TOTAL OBS													

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49.54-68
YEARS

YEARS

JAN
MONTH

0000-0200
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	0.4	1.3	1.9	0.7	0.1	0.1						4.4	8.1
NNE		1.3	1.3	0.3	0.1							2.5	8.1
NE	1.4	1.4	1.0	0.6	0.1							3.2	8.0
ENE	2.2	1.9	1.7	1.0	0.1							4.3	8.4
E	1.0	2.2	2.4	1.1	0.1							7.6	7.5
ESE		1.3	1.0	0.3								2.5	7.4
SE	1.5	1.6	0.8	0.2	0.2							2.3	7.3
SSE	1.3	1.6	0.7	0.6	0.2							2.9	7.3
S	1.7	2.9	3.7	2.3	0.5							10.1	8.8
SSW	1.7	1.6	2.6	1.9	0.6							7.6	9.4
SW	2.2	2.1	2.0	2.0	0.9			2.1				9.2	10.6
WSW	1.8	1.5	1.0	1.1	0.6			1.1				5.9	9.8
W	1.8	2.7	3.3	3.1	1.4			1.1		1.1		11.8	10.8
WNW	1.2	1.0	1.3	1.0	0.6			1.1				5.4	10.6
NW	1.1	1.5	1.3	1.7	0.5			1.3				9.3	8.7
NNW	1.2	1.9	2.0	1.2	0.1			1.1				4.2	9.1
VAREL												7.0	
CALM												100.0	8.5
	0.2	20.4	34.1	20.3	3.7	1.2	1.6			1.1			
	TOTAL NUMBER OF OBSERVATIONS											1671	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13541
 STATION

WILMINGTON WIND/CLINTON CU AFB
 STATION NAME

44-49, 54-68

YEARS

JAN
 MONTH

0300-0500
 HOURS PLST

ALL WEATHER
 CLASS

CONDITION

SPEED KNTS DIP	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	14	13	19	11	2							4.9	8.4
NNE	1	8	10	4								2.3	7.6
NE	1	11	13	5			1					3.2	8.0
ENE	1	9	20	4	3							4.6	9.8
E	5	22	17	6								7.0	7.2
ESE	1	2	12	2								3.0	6.8
SE		7	4	3								2.5	8.3
SSE	2	11	9	2	2							2.7	8.1
S	9	16	13	4	4	3						9.1	9.4
SSW	7	18	15	9	3							7.4	9.3
SW	5	13	19	4	6	1		1				10.2	10.5
WSW	2	6	4	1	4	4						7.2	9.8
W	1	8	11	0	3	4	2					10.5	11.0
WNW	3	10	15	3	5	1						6.0	10.7
NW	4	9	11	8	6	1						7.9	9.2
NNW	4	7	4	6	3	1		1				4.6	10.1
VARBL												6.6	
CALM												6.6	
	20	24	36	22	9	18	3	1				100.0	8.8
TOTAL NUMBER OF OBSERVATIONS													1577

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49, 54-58

YEARS

JAN
MONTH

0600-0800
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS, DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.3	1.3	1.3	2.2							4.6	8.6
NNE	2.0	1.0	1.0	1.0	2.2		1.1					3.0	9.5
NE	2.0	1.0	1.1	1.7	1.1							3.2	8.2
ENE	2.0	1.7	2.0	1.0	2.2							4.5	9.1
E	2.7	2.0	2.0	1.1	1.1							6.7	7.5
ESE	2.0	2.0	1.5	1.5	2.2							2.8	7.0
SE	2.0	1.5	1.0	1.1	1.1		1.1					2.6	6.4
SSE	2.0	1.5	1.5	1.5	1.1							3.5	8.6
S	2.0	2.0	1.5	2.0	1.4							9.6	8.7
SSW	2.0	1.5	1.5	2.0	2.0		1.1					7.9	9.0
SW	1.5	1.5	1.5	2.0	2.0		1.1	1.1				10.1	10.5
WSW	1.4	1.5	1.5	2.0	1.5		1.1	1.1				6.8	10.0
W	1.5	1.5	1.5	1.5	1.5		1.1	1.1				11.0	11.0
W1W	1.5	1.5	1.5	1.5	1.5		1.1	1.1				2.2	11.5
NW	1.5	2.0	1.5	1.5	1.7		1.1					7.2	8.4
NNW	1.0	1.0	1.1	1.1	1.1		1.1					5.2	10.0
VARS1													
CALM												6.3	
	7.8	21.3	32.3	24.0	9.0	1.4	1.2					100.0	8.8
	TOTAL NUMBER OF OBSERVATIONS											1670	

DATA PROCESSING DIVISION
 ETAG, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON UNIV/CLINTON CU AFB
STATION NAME

40492408
EAK

JAN
MONTH

0900-1100
FOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS DIR)	0	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	0	1	1	2	1	1						5.2	9.4
NNE	0	1	1	1	1	1						3.1	4.3
NE	0	1	1	1	1	1						3.1	4.3
ENE	0	1	1	1	1	1						3.1	4.3
E	0	1	1	1	1	1						3.1	4.3
ESE	0	1	1	1	1	1						3.1	4.3
SE	0	1	1	1	1	1						3.1	4.3
SSE	0	1	1	1	1	1						3.1	4.3
S	0	1	1	1	1	1						3.1	4.3
SSW	0	1	1	1	1	1						3.1	4.3
SW	0	1	1	1	1	1						3.1	4.3
WSW	0	1	1	1	1	1						3.1	4.3
W	0	1	1	1	1	1						3.1	4.3
WNW	0	1	1	1	1	1		1	1			3.1	4.3
NW	0	1	1	1	1	1		1	1			3.1	4.3
NNW	0	1	1	1	1	1		1	1			3.1	4.3
VARBI	0	1	1	1	1	1		1	1			3.1	4.3
CALM	0	1	1	1	1	1		1	1			3.1	4.3
	4.8	17.7	33.7	30.1	7.9	1.8	1.2	1.2				100.0	9.9
	TOTAL NUMBER OF OBSERVATIONS											1873	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28901

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM FOURLY OBSERVATIONS)

13041
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 54-68
YEARS

YEARS

JAN
MONTH

1200-1400
HOURS (EST)

ALL WEATHER
CLASS

CONDITION

SPEED KNT, DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	MEAN WIND SPEED
N	.0	.9	2.1	1.0	.2	.1						4.4
NNE	.1	.5	1.3	.2	.1	.1						2.9
NE	.0	1.0	1.5	.7	.1							3.6
ENE	.2	.7	1.8	1.2	.3							4.1
E	.2	1.1	1.9	1.3	.1							3.3
ESE	.2	.8	1.2	.5	.1							2.4
SE	.4	.8	1.2	.6								3.0
SSE	.2	.7	.9	.5								2.3
S	.2	1.4	3.7	3.6	.7	.1						9.2
SSW	.3	1.5	3.7	3.2	.7	.2						10.2
SW	.3	1.6	2.9	2.0	2.0	.6						11.8
WSW	.4	1.0	2.0	1.0	1.9	.4		1				8.4
W	.3	1.1	2.5	1.0	2.3	.5		2				14.0
WNW	.2	1.1	1.1	1.0	1.2	.3		1				6.8
NW	.3	1.2	1.9	1.5	.6	.1		1				5.6
NNW	.3	.2	1.2	1.2	.3	.1						4.3
VARBL												
CALM												2.9
	4.0	14.9	31.6	32.9	10.7	2.4	.5					100.0
												10.7
												1881

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
 STATION

WILMINGTON OHIO/CLINTON CU AFB
 STATION NAME

44-49, 54-68
 YEARS

YEARS

JAN
 MONTH

1500-1700
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N	.4	.8	1.8	.9	.4							4.2
NNE	.2	.5	1.8	.5	1.1							2.1
NE	.3	1.1	1.4	.5	.3							3.5
ENE	.2	1.1	1.7	1.5								4.5
E	.7	1.5	1.9	1.0								4.4
ESE	1.1	.7	.4	.3	.1							1.9
SE	.3	.7	.7	.2								1.9
SSE	.9	1.1	1.6	.7	.2							4.0
S	1.0	2.0	4.7	2.2	.3	.1						11.3
SSW	.3	1.4	3.3	2.7	.5	.1						8.3
SW	.4	1.2	3.6	3.8	.8	.2						10.0
WSW	.3	.9	2.2	2.0	.2	.4	.1	.1				8.1
W	.8	1.6	3.9	5.2	3.5	.5	.1					14.2
WNW	.1	.2	1.8	2.2	1.0	.4	.1					6.2
NW	.2	1.0	2.0	2.4	.2	.2						5.7
NNW	.5	.7	1.1	2.0	.5	.1						4.9
VARBL												
ALM												4.0
	6.1	10.0	33.1	30.7	7.5	1.7	.2	.1				100.0
												9.8
												1935

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1981
STATION

WILMINGTON OMD/CLINTON CW AFB
STATION NAME

44-49, 54-68
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

WIND SPEED (KNTS), DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	1.0	.9	.1							4.3	8.2
NNE	.4	.8	.7	.6								2.4	7.6
NE	.5	1.3	2.1	.7	.2	.1						5.0	8.0
ENE	.1	1.3	1.0	.9	.1							3.5	8.6
E	.9	2.1	2.2	.5	.1							5.6	6.7
ESE	.3	.9	.6	.1								1.9	6.1
E	.7	.9	.6	.3								4.2	6.1
SSE	.4	.7	.6	.4	.1	.1						4.5	7.5
S	.9	3.3	3.8	2.6	.2	.1						10.8	1.2
SSW	.0	2.0	2.3	2.4	.3							8.6	8.9
SW	.0	1.9	2.9	2.3	.5	.1						8.1	9.6
WSW	.1	.9	1.8	1.7	.3	.1						5.3	9.8
W	1.1	1.5	4.0	4.0	1.8	.4	.1					12.9	11.0
WNW	.3	1.2	2.5	1.3	.7	.1	.1					6.2	10.5
W	.4	1.0	2.6	1.0	.3	.1						5.4	9.3
NNW	.4	1.1	1.7	.9	.1	.1						4.2	8.7
VARBL												7.0	
CALM												7.0	
	4.2	24.4	34.2	20.5	4.6	.9	.2					100.0	8.2
													19.7

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
STATION

WILMINGTON 0410/CLINTON CU AFB
STATION NAME

44-49, 54-68
YEARS

YEARS

JAN
MONTH

2100-2300
HOURS (EST)

ALL WEATHER
CLASS

CONDITION

SPEED KNTS. DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	4	13	19	7	2							4.5	8.0
NNE	0	2	7	4	1							2.3	7.4
NE	0	9	13	2	2							4.0	9.2
ENE	7	10	11	8	2							3.9	8.0
E	5	24	28	9	2							6.2	6.9
ESE	0	2	10	1								2.7	6.0
SE	4	17	15	3								3.8	6.7
SSE	5	10	12	5	2							3.3	8.1
S	8	30	35	7	7	1						10.8	9.0
SSW	4	19	21	2	7	1						8.2	9.0
SW	3	15	18	6	5	1						8.1	9.9
WSW	0	10	22	1	8	1	1					5.8	10.6
W	0	2	11	3	4	3	2					12.2	10.8
WNW	0	7	16	1	9	4		1				11.0	11.5
NW	0	10	22	10	2	2						6.0	9.4
NNW	0	9	20	8	1	2						4.5	8.1
VARBL													
CALM												7.2	
	7.1	23.4	33.8	21.3	5.8	1.1	2.1	1.1				100.0	8.5
	TOTAL NUMBER OF OBSERVATIONS											1936	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49, 54-68
YEARS

YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L'S)

CONDITION

SPEED KNTS. DIR	1	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N	4	1.2		1.8		1.1		.2		.0											4.6	8.7
NNE	2	.6		1.0		.6		.1		.0											2.6	8.6
NE	3	1.0		1.4		.7		.2		.0											3.6	8.5
ENE	2	1.0		1.7		1.1		.2		.0											4.1	9.0
E	6	1.6		2.6		.7		.0		.0											5.7	7.3
ESE	2	1.0		1.1		.3		.0		.0											2.6	7.1
SE	4	1.1		1.1		.3		.0		.0											2.9	6.9
SSE	2	1.1		1.2		.6		.1		.0											3.3	8.1
S	7	2.4		3.8		2.8		.3		.1											10.2	9.2
SSW	4	1.7		3.1		2.7		.5		.1				.0							8.4	9.8
SW	4	1.5		3.4		2.5		.9		.2			.0	.0							10.0	10.9
WSW	3	1.2		2.1		2.2		.8		.2			.0	.0							6.9	11.0
W	6	1.7		3.6		4.1		.7		.4			.1	.0			.0				12.4	11.6
WNW	2	.9		1.8		1.9		.8		.2			.1	.0							5.9	11.6
NW	4	1.3		2.3		1.6		.4		.1			.0	.0							6.5	9.4
NNW	4	1.0		1.5		1.2		.2		.1			.0	.0							4.5	9.4
VARBL																						
CALM																						5.6
		0.2	20.5	33.6	25.4	6.7	1.5	.2	.0	.0											100.0	9.2
		TOTAL NUMBER OF OBSERVATIONS																				14474

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-45, 47-49, 54-68
YEAR

FEB
MONTH

0000-0200
FOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	MEAN WIND SPEED
N	0.0	1.4	1.7	1.1	0.1							4.8
NNE	0.0	0.0	1.0	1.0	0.1							3.3
NE	0.0	1.0	2.0	0.5	0.3							4.8
ENE	0.0	1.0	2.3	1.0	0.1							4.5
E	0.4	1.4	2.3	1.1	0.1							6.4
ESE	0.3	1.0	2.2	0.5								2.5
SE	1.1	1.0	1.7	0.3		0.1						4.3
SSE	1.1	1.0	2.0	0.8								4.7
S	1.1	1.0	2.3	1.8								6.9
SSW	1.1	1.4	2.7	2.0	0.7	0.1						7.2
SW	1.1	1.0	1.9	1.0	0.3	0.1						3.0
WSW	1.1	1.0	1.6	1.0	0.7	0.2	0.1					7.0
W	1.0	1.0	3.7	4.4	1.2	0.6	0.1					12.4
WNW	1.0	1.0	2.0	1.4	0.9	0.4						7.5
NW	1.0	1.7	2.3	1.1	0.9	0.4						7.9
NNW	1.0	1.7	1.9	1.6	0.4							3.0
VARBL												
CALM												7.9
	3.9	20.6	33.8	22.5	7.0	2.1	0.2					100.0
												8.9
												144

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45, 47-49, 54-68
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.5	1.2	1.0	.4							4.4	8.6
NNE	1.4	1.1	1.8	1.7	.3							3.3	8.6
NE	1.2	1.8	1.8	1.2	1.1							3.2	8.4
ENE	1.2	1.6	1.9	1.0	1.1	.1						3.5	9.4
E	1.2	2.1	2.9	1.0	1.2							6.4	8.3
ESE	1.4	1.0	1.4	.4								3.2	7.3
SE	1.4	1.9	2.3	1.1								4.8	6.7
SSE	1.1	1.2	2.0	1.3	1.6							7.2	8.0
S	1.1	1.5	2.5	2.8	1.6							3.8	10.3
SSW	1.1	1.4	2.4	2.2	1.4	.3						6.8	10.4
SW	1.8	1.5	1.9	1.5	2.1	1.4						6.4	9.9
WSW	1.4	1.4	1.7	1.8	1.4		1.1					5.8	10.0
W	1.4	2.1	3.0	4.3	1.7	1.2						12.9	10.9
WNW	1.1	1.0	2.3	2.2	1.8	1.1						7.5	12.0
NW	1.2	1.6	2.2	2.1	1.9	1.4						7.7	10.6
NNW	1.0	1.7	1.2	1.0	1.3							4.0	9.6
VARBL													
CALM												6.7	
	21.3	22.5	32.2	23.8	7.8	1.5	1.1					100.0	9.0
TOTAL NUMBER OF OBSERVATIONS												1365	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-45, 47-49, 54-68
 YEARS

FEB
 MONTH

0600-0800
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-24	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N	7	5	6	4	2							5.1
NNE	0	0	0	0	0				1			3.4
NE	0	1	2	2	2							5.9
ENE	0	1	1	1	1							4.1
E	0	2	1	1	1							6.4
ESE	0	1	1	1	1							3.0
SE	0	1	1	1	1							4.2
SSE	0	1	1	1	1							3.9
S	0	2	2	2	2							8.1
SSW	0	2	2	2	2							6.9
SW	0	1	1	1	1			2				7.2
WSW	0	1	1	1	1			2				7.0
W	0	1	1	1	1			3				12.8
WNW	0	1	1	1	1			1				3.7
NW	0	1	1	1	1			1				6.2
NNW	0	1	1	1	1			1				3.3
VARBL												6.8
CALM												100.0
	5.9	21.3	33.6	25.1	6.2	1.2						8.1
	TOTAL NUMBER OF OBSERVATIONS											144

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON UNIV/CLINTON CG AFB
STATION NAME

44-45, 47-49, 54-68
YEARS

FF
MONTH

0900-1100
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
DIP												
N	.2	.7	1.7	1.3	.3	.1						4.3
NNE	.2	.7	1.5	.7								3.1
NE	.3	1.1	1.6	1.5	.1							4.6
ENE	.2	1.2	1.9	1.0	.2							4.5
E	.2	1.5	3.3	1.5	.1	.1						6.5
ESE	.1	.7	2.3	1.0								4.2
SE	.1	.9	1.7	.8								3.4
SSE	.2	.6	1.2	.8	.1							2.9
S	.4	1.5	3.7	2.9	.4							9.0
SSW	.2	.9	2.1	2.6	1.3	.2		.1				7.9
SW	.2	1.2	3.3	3.3	1.1	.2						9.4
WSW	.3	1.2	3.3	3.3	1.1	.2						6.7
W	.1	1.4	3.9	3.6	1.9	.6	.1				.1	13.7
WNW	.3	1.4	1.7	2.0	1.8	.4	.1					6.6
NW	.3	1.0	1.8	2.2	.4	.1		.1				6.0
NNW	.3	1.2	1.6	.9	.1		.1					4.2
VARBL												3.6
CAIM												100.0
	3.2	10.4	35.2	30.1	8.8	1.8	.4	.1			.1	10.1
	TOTAL NUMBER OF OBSERVATIONS											165

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME


44-45, 47-49, 54-68
 YEARS

FEB
 MONTH

1200-1400
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 55	%	MEAN WIND SPEED
N	1.1	1.3	1.5	1.2	.3							4.4	9.6
NNE	1.1	1.2	1.9	.8	.1							3.7	8.8
NE	1.4	1.0	1.4	.9	.1							3.8	8.3
ENE	1.1	.9	1.8	.7	.1	.1						3.6	9.3
E	1.1	1.7	2.7	1.3	.1	.1						5.9	8.9
ESE	1.3	1.7	1.1	.4								2.3	7.4
SE	1.2	.9	1.2	.5								2.7	8.1
SSE	1.2	1.3	1.9	.7								3.2	7.7
S	1.2	1.3	3.4	3.2	.5							9.0	10.2
SSW	1.1	1.0	2.3	2.4	1.5	.5						8.0	12.9
SW	1.2	1.0	2.7	3.7	1.5	.6	.2					9.9	12.8
WSW	1.2	1.7	2.1	2.2	.9	.4	.1					7.6	12.0
W	1.4	1.0	4.0	3.3	2.7	1.0	.2					14.6	13.4
WNW	1.2	.7	2.0	2.7	1.5	.5	.2					7.8	13.4
NW	1.7	1.2	2.4	2.0	.7	.2	.1					7.1	10.4
NNW	1.2	1.0	1.2	.8	.5	.1	.1					4.1	10.0
CALM												2.0	
	3.3	16.9	32.7	30.1	10.4	2.5	.9					100.0	10.9
TOTAL NUMBER OF OBSERVATIONS													163 ²

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-45, 47-49, 54-68
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.7	1.3	.3							4.6	9.6
NNE	.4	.8	1.6	1.0	.1							3.7	8.1
NE	1.1	1.0	1.4	1.0	.1							3.6	9.2
ENE	.3	.7	2.1	1.3	.2							4.6	9.4
E	.4	1.2	2.3	1.8	.8							3.0	7.7
ESE	.3	.6	1.2	1.3	.1							2.5	7.5
SE	.4	.9	1.3	1.2	.1							2.3	6.7
SSE	.2	1.1	1.0	.6	.1							3.0	8.2
S	.4	1.7	3.6	2.6	.5	.1						8.8	9.6
SSW	.2	1.0	3.0	2.9	.9	.1						8.1	11.1
SW	.5	.9	3.0	2.9	1.2	.4	.1					8.2	12.1
WSW	.5	.8	1.9	2.3	.9	.3	.1					6.8	11.4
W	.2	.8	3.6	6.4	2.7	1.2	.1					16.3	13.0
WNW	.2	.8	2.0	3.0	1.5	.7						8.2	13.3
NW	.2	1.5	2.3	2.0	.4	.4						6.6	10.4
NNW	.5	1.4	1.3	1.3	.5	.1	.1					5.0	9.9
VARBL	/											2.6	
CALM	/												
	4.1	18.1	33.3	28.7	9.5	3.2	.5					100.0	10.4
TOTAL NUMBER OF OBSERVATIONS													1686

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45, 47-49, 54-68
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	SPEED													%	MEAN WIND SPEED	
	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56					
N	.7	1.8	2.4	1.1						.1					6.0	8.0
NNE	.5	1.3	1.5	.5	.2										4.1	7.7
NE	.2	.8	2.0	.4	.2										4.6	7.9
ENE	.2	.5	1.8	.9	.1										4.4	8.1
E	.2	2.3	2.1	.7	.1										3.3	7.4
ESE	.2	.9	.9	.4	.1										2.6	7.5
SE	.2	1.2	1.3	.2	.1										3.0	7.2
SSE	.4	2.0	1.7	.4	.2										4.7	7.0
S	.7	2.6	3.2	1.1	.2					.1					9.0	8.6
SSW	.2	1.0	2.4	1.9	.4					.1					6.0	10.1
SW	.5	.9	2.1	1.3	.7					.1					6.6	9.2
WSW	.4	.7	1.3	1.3	.3					.1					5.3	9.3
W	.7	2.7	4.1	3.5	1.4					.1					12.8	10.2
WNW	.3	1.6	2.1	2.8	.7					.2					6.8	11.7
NW	.3	1.1	2.6	1.6	.9					.4					7.5	11.7
NNW	.4	.4	.9	.9	.1										3.8	7.8
VARBL														7.6		
CALM														100.0	8.4	
														TOTAL NUMBER OF OBSERVATIONS	1680	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28501

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
 STATION

WILMINGTON UNID/CLINTON CU AFB
 STATION NAME

44-45, 47-49, 54-68
 YEARS

FEB
 MONTH

ALL WEATHER
 CLASS

2100-2300
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	2.4	.2	.2	.2						4.9	8.5
NNE	.6	1.2	1.4	.6	.1							3.6	7.1
NE	.2	1.3	2.3	.5	.2							4.5	8.3
ENE	.2	1.0	1.7	.2	.1							3.6	8.9
E	.7	2.0	2.6	.4	.2							5.8	7.4
ESE	.6	1.2	1.5	.5	.1							3.9	7.3
SE	.4	1.1	2.1	.4								4.5	6.8
SSE	.1	1.1	1.3	.6	.2							3.3	8.3
S	.8	1.3	2.2	1.6	.2	.1						8.1	8.3
SSW	.3	1.1	2.2	1.8	.4	.1						6.4	10.1
SW	.5	1.4	2.4	1.0	.2	.1	.1					5.8	9.9
WSW	.5	1.4	1.5	1.4	.7	.1		.1				5.4	10.1
W	.7	2.4	4.1	4.4	1.0	.2		.1				13.1	10.7
WNW	.4	1.1	2.1	2.1	.3	.2						6.9	11.6
NW	.4	1.1	2.1	2.1	1.1	.3	.2					6.8	12.8
NHW	.3	1.1	1.3	.7	.1							3.6	8.1
VARBL													
ALM												9.7	
	7.0	21.0	34.3	19.5	6.3	1.7	.3	.2				100.0	8.5
	TOTAL NUMBER OF OBSERVATIONS												167

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-45, 47-49, 54-68
 YEARS

FEB
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS LST

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.2	1.8	1.1	2.0	0.0						4.8	8.8
NNW	1.4	1.9	1.3	1.7	1.1	0.0						3.5	8.2
NE	1.5	1.4	1.9	1.9	2.1	0.0						4.6	8.5
ENE	1.5	1.0	1.6	1.0	1.1	0.0						4.1	8.8
E	1.8	1.8	2.7	1.0	1.1	0.0						5.9	8.0
ESE	1.3	1.4	1.4	1.2	0.0	0.0						3.1	7.7
SE	1.3	1.3	1.7	1.4	0.0	0.0						3.0	7.4
SSE	1.4	1.1	1.2	1.6	1.1	0.0						3.7	7.9
S	1.4	1.1	1.1	2.3	1.5	0.0						8.3	9.5
SSW	1.2	1.1	2.2	2.3	1.7	1.2	0.0	0.0				7.1	10.3
SW	1.4	1.1	2.5	2.0	1.8	1.3	1.0	0.0				7.4	10.7
WSW	1.4	1.1	1.9	2.4	1.7	1.2	0.0	0.0				6.4	10.7
W	1.5	1.1	1.9	2.9	1.4	1.0	0.0	0.0			0.0	13.6	11.8
WNW	1.2	1.1	1.9	2.3	1.4	1.3	0.0	0.0				7.1	12.5
NW	1.5	1.1	2.2	2.0	1.6	1.3	0.0	0.0				7.0	11.1
NNW	1.3	1.1	1.3	1.9	1.3	0.0	0.0					3.9	9.1
VARBL													
CALM												5.8	
	5.2	20.3	33.4	25.0	7.8	2.1	1.3	1.0			0.0	100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

12579

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CW AFB
STATION NAME

44-49.53-68
YEARS

YEARS

MAR
MONTH

0000-0200
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	> 56	%	MEAN WIND SPEED
N	0.3	1.3	1.8	1.4	0.2							5.0	9.0
NNE	0.2	0.9	1.3	0.9	0.5							3.5	8.7
NE	0.1	1.0	2.8	1.1	0.5							5.5	9.8
ENE	0.2	1.7	1.9	1.0	0.5							2.4	8.8
E	0.2	2.4	2.7	1.1	0.2							6.8	7.7
ESE	0.2	1.8	1.6	0.4	0.1							3.0	7.9
SE	0.1	1.0	1.9	0.2	0.1							4.0	7.6
SSE	0.1	0.6	1.6	0.9	0.1		0.1					3.3	9.3
S	0.5	1.1	4.4	1.9	0.4		0.1					9.3	9.0
SSW	0.2	2.3	2.3	3.3	0.9		0.1					8.3	10.0
SW	0.2	1.2	2.2	1.1	0.2		0.1					6.2	9.3
WSW	0.2	2.2	1.4	1.2	0.3		0.1	0.1				3.5	11.9
W	0.3	1.7	2.7	3.5	1.2		0.1	0.1				9.9	11.8
WNW	0.2	1.0	2.2	0.9	0.2		0.2	0.1				3.0	10.8
NW	0.2	1.9	2.7	1.0	0.3							6.7	2.0
NNW	0.4	1.2	1.7	1.0	0.3							5.0	9.0
VARBL													
CALM												9.5	
	3.9	23.1	38.6	22.5	5.1	0.6	0.6	0.1				100.0	8.8
	TOTAL NUMBER OF OBSERVATIONS											1723	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13891
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-49,53-68
 YEARS

YEARS

YR
 MONTH

0300-0500
 HOURS (LST)

ALL WEATHER
 LEASE

CONDITION

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N	10	1.2	1.0	1.2	2							5.0
NNE	14	1.9	1.2	1.3	1.2							2.8
NE	12	1.5	2.0	1.7	1.4							5.9
NNE	13	1.7	2.0	1.0	1.4	1						6.1
N	10	1.0	2.7	1.2	1.1							6.3
ESE	12	1.0	1.3	1.4	1.1							2.8
E	12	1.1	1.0	1.3	2							3.0
SSE	11	1.4	1.5	1.7	1.1							2.8
S	11	2.0	1.1	2.1	2	1						9.6
SSW	12	1.7	3.1	2.1	1.9	1						9.4
SW	10	1.0	3.2	1.6	1.1	1						9.7
WSW	11	1.7	2.0	1.1	1.2			1				4.0
W	11	1.0	2.0	2.2	1.2	2	1	1				4.0
WNW	14	1.1	1.3	1.9	1.4	1	2	1				9.6
NW	10	1.2	1.0	1.2	1.2	1						4.0
NNW	14	1.3	1.1	1.0	1.1	1						0.8
VARBL												10.8
CALM												100.0
	2.2	19.2	37.0	20.6	5.0	1.7	1.4	1.2				8.4
	TOTAL NUMBER OF OBSERVATIONS											1632

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 53-68
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED KNTS/ DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.7	.9	.2	.1						4.1	9.2
NNE	.7	.5	.8	.3	.2							2.9	7.3
NE	4.2	2.2	2.6	1.2	1.1							5.2	8.6
NEE	2.2	1.7	2.7	1.6	.3	.1						6.8	9.2
ESE	2.2	2.1	3.1	1.9								7.1	8.1
E	1.1	1.0	1.3	.9								3.2	8.4
SE	3.2	1.2	1.3	.2	.1							3.7	8.0
SSE	4.4	.8	1.1	.2	.2							3.0	8.3
S	4.4	1.0	1.4	1.2	.3	.1						9.0	9.0
SSW	5.5	1.7	4.6	3.0	.8	.1						10.7	10.0
SW	6.6	1.0	3.1	2.1	1.1	.1	.1					7.2	9.9
WSW	1.2	1.8	1.6	1.6	.8	.1	.1	.1				5.2	12.3
W	2.2	1.7	2.7	2.0	1.2	.1	.1					9.0	10.4
WNW	2.2	1.5	1.3	1.9	.5	.1	.1					4.8	12.1
NW	2.2	1.2	1.7	2.1	.2	.1	.1					6.7	9.6
NNW	1.1	1.2	1.3	.9	.2							3.8	8.8
VARBL													
CALM												7.8	
	5.2	20.6	36.3	23.2	8.1	1.0	.6	.1				100.0	8.8
	TOTAL NUMBER OF OBSERVATIONS												1724

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-49, 53-68
 YEARS

YEARS

MAR
 MONTH

0900-1100
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.9	1.7	1.2	3	1.						4.3	9.7
NNE	1.3	3.5	1.9	1.4	1							2.1	8.3
NE	1.2	3.8	1.6	1.1								3.7	8.7
ENE	1.2	3.6	2.8	1.9	3							5.3	9.8
E	1.3	7.7	2.2	2.0	4							7.6	9.2
ESE	1.3	7.0	2.1	1.7	4							4.4	9.2
SE	1.4	3.3	2.0	1.9	1							4.8	8.2
SSE	1.1	3.3	1.2	1.4	4							2.9	10.4
S	1.2	4.4	2.6	2.4	6	2.	1.					7.7	10.7
SSW	1.2	4.0	2.7	2.0	2	4.	1.					9.4	12.2
SW	1.3	3.9	2.3	1.9	0	4.	1.	1.				9.1	12.3
WSW	1.2	3.0	2.1	1.1	1	4.	2.					8.3	12.8
W	1.2	1.7	1.4	1.7	8	4.	1.	1.				10.6	12.3
WNW	1.1	1.7	1.1	1.1	2	3.	1.					7.5	12.4
NW	1.2	3.0	1.6	1.1	6	4.	1.					5.3	13.0
NNW	1.2	3.0	1.4	1.2	2	1.						4.0	9.8
VARBL													
CALM												2.7	
	3.2	14.0	33.6	33.1	9.2	2.7	1.7	1.2				100.0	10.2
TOTAL NUMBER OF OBSERVATIONS													1926

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION #

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 53-68
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS U.S.T.

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.2	.8	2.0	.9	.4							4.3	9.5
NNE		.7	1.4	.4	.3	.1						2.8	9.6
NE		.6	1.1	1.4	.2							3.8	9.5
ENE	.4	.8	2.1	1.0	.3	.2						4.7	10.1
E	.2	1.0	2.4	1.3	.2							5.7	8.9
ESE	.3	.6	2.0	.7	.2							3.8	8.8
SE	.2	1.0	1.2	.6	.4							3.4	9.2
SSE	.2	.5	1.2	1.2	.3							2.4	10.2
S	.3	.7	2.6	2.2	.7	.3	.1					6.9	11.4
SSW	.1	.5	2.2	3.8	2.2	.7	.1					9.6	14.0
SW	.3	.6	2.2	3.7	1.9	.9	.1					9.7	14.0
WSW	.4	.6	2.1	3.2	1.0	.6	.3	.1				8.1	13.2
W	.2	.7	2.2	3.1	2.8	1.2	.2	.2				13.6	14.2
WNW	.3	.6	1.1	3.0	1.1	.4	.1					6.7	13.3
NW	.3	1.1	2.1	3.0	1.0	.2	.1					7.8	11.8
NNW	.1	.8	1.2	.8	.5	.2						3.6	10.6
VARBL													
CALM												2.4	
	3.4	12.6	30.0	32.0	13.3	4.6	.9	.3				100.0	11.7
	TOTAL NUMBER OF OBSERVATIONS												1935

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28001

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 53-68
YEARS

YEARS

1 AN
MONTH

1500-1700
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS. DIR)	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	2	0	2.4	1.0	3	1						4.6	9.3
NNE	2	0	1.3	1.0	4	1						3.8	10.3
NE	1	0	2.3	0.8	3							4.2	9.3
ENE	1	0	1.9	1.3	4							4.2	10.5
E	3	1	2.2	1.1								4.8	8.3
ESE	2	1	1.4	1.7	1							2.8	8.8
SE	2	1	1.3	0.6	2							3.0	8.7
SSE	3	1	1.1	1.0	2							3.2	8.8
S	2	1	2.0	1.0	3							8.5	11.2
SSW	1	1	1.8	3.4	1							7.9	13.4
SW	2	1	1.7	3.3	1							8.4	13.1
WSW	1	1	2.1	3.0	1		1					7.6	12.8
W	1	1	2.6	3.1	2	1						12.8	14.9
WNW	1	1	2.4	3.0	1	1						8.7	13.3
NW	3	1	2.5	3.2	1	2						8.3	11.9
NNW	3	1	1.4	3.5	3	3						3.0	9.9
VARBL													
CA'M												3.3	
	2.4	13.6	30.9	32.0	12.9	3.8	1.8	1.3	1.1			100.0	11.4
	TOTAL NUMBER OF OBSERVATIONS												1989

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C, 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

19841
STATION

WILMINGTON OHIO/CLINTON CL AFB
STATION NAME

44-49, 53-68
YEARS

YEARS

1AR
MONTH

1800-2000
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	2.0	.7	.2	.1						5.6	7.6
NNE	1.0	1.4	1.4	1.3	.6							2.2	9.1
NE	1.3	1.3	2.2	1.2	.4							2.3	9.2
ENE	1.1	1.8	2.2	1.1	.1							4.2	8.9
E	1.6	2.1	2.2	.6	.1							2.7	7.2
ESE	1.1	1.5	1.2	.2	.1							3.3	7.1
SE	1.7	1.6	.8	.6								2.8	6.4
SSE	1.2	1.4	1.4	.2	.1							3.5	6.8
S	1.7	2.6	3.2	2.0	.3	.1						8.8	8.5
SSW	1.1	1.3	2.3	1.5	.5	.1						6.3	10.2
SW	1.4	1.2	2.5	1.5	.4	.1						6.0	9.6
WSW	1.2	1.5	1.6	1.0	.6	.1		.1				3.9	10.9
W	1.4	2.0	3.2	3.1	.8	.9	.1	.1				11.3	12.0
WNW	1.6	1.4	3.0	2.2	.4	.1	.1	.1				9.0	11.3
NW	1.9	1.4	2.0	2.0	.3	.1	.1	.1				7.0	9.4
NNW	1.3	1.5	1.6	.9	.4	.1	.1					4.0	9.4
VARBL													
CA.M												7.4	
	6.2	22.5	22.9	21.6	9.2	1.7	.3	.2				100.0	8.7
	TOTAL NUMBER OF OBSERVATIONS											1989	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49,52-68
YEARS

YEARS

MAR
MONTH

2100-2300
HOURS (GST)

ALL WEATHER
CLASS

CONDITION

SPEED KNTS. DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	2	4	4	4	5	1						3.9	8.7
NNE	2	2	2	1	3	1						5.0	9.0
NE	1	1	2	2	5	1						6.8	9.3
ENE	1	1	1	1	1	1						4.0	8.6
E	2	2	2	2	2	2						6.8	7.7
ESE	1	1	1	1	1	1						4.1	6.5
SE	1	1	2	4	7							4.9	7.0
SSE	1	2	3	3	8							3.4	8.0
S	2	2	3	5	7	6	1					8.7	9.0
SSW	1	1	2	3	2	6	1					6.5	9.9
SW	2	1	2	2	2	2	1	1				3.7	9.4
WSW	1	1	1	1	1	2	1	1				3.7	9.8
W	1	2	2	2	1	1	1	1	1			9.7	11.1
WNW	2	1	2	2	1	4	3	1				6.3	10.4
NW	1	1	1	1	1	1	1					6.9	9.6
NNW	1	1	1	1	1	1	1					4.3	9.3
VARBL												7.1	
CALM													
	5.4	23.8	34.1	20.4	5.1	1.4	3	1				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

1979

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49, 53-68
YEARS

YEARS

12
MONTH

ALL WEATHER
CLASS

ALL
HOURS - 1ST

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	1.9	1.0	.3	.0						4.6	8.9
NNE	.3	1.8	1.3	.0	.3	.0						3.5	9.0
NE	.2	1.1	2.2	1.2	.3	.0						5.0	9.2
ENE	.2	1.1	2.2	1.2	.3	.0						5.0	9.4
E	.4	1.0	2.7	1.3	.1							6.3	8.2
ESE	.3	1.0	1.5	.0	.1							3.5	8.1
SE	.3	1.3	1.5	.0	.1							3.8	8.0
SSE	.4	1.3	1.3	.0	.2	.0						3.2	8.8
S	.4	1.8	1.3	2.1	.6	.1	.0					8.5	9.7
SSW	.2	1.4	2.0	3.0	1.0	.3	.0	.0				8.5	11.4
SW	.3	1.0	2.6	2.5	.7	.3	.1	.0				7.4	11.3
WSW	.2	1.7	1.8	2.0	.7	.2	.1	.0				5.6	12.1
W	.2	1.9	1.9	3.0	.8	.3	.1	.0	.0			10.9	12.5
WNW	.2	1.2	1.9	2.4	.7	.3	.1	.0				6.6	12.0
NW	.4	1.2	2.3	2.2	.6	.2	.0	.0				6.9	10.5
NNW	.3	1.1	1.4	.9	.3	.1	.0					4.1	9.4
VAPBL													
CALM												6.0	
	4.4	18.7	33.7	26.0	7.9	2.1	.6	.2	.0			100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

14897

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 53-68

YEARS

APR
MONTH

0300-0500
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED 'KNTS' DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	2.0	.5		.1						3.8	8.3
NNE	.2	.9	.9	.2	.1							2.3	7.6
NE	.4	1.7	3.1	1.4	.1							6.7	8.3
ENE	.1	.7	3.0	.9	.1							4.8	9.1
E	.5	1.8	3.9	1.1	.3							7.6	8.2
ESE	.4	1.0	1.5	.3								3.2	7.1
SE	.2	.9	2.2	.4								3.7	7.5
SSE	.2	1.2	2.2	.4	.1							4.2	7.7
S	.3	3.0	4.7	1.8	.7	.3						10.8	9.3
SSW	.2	1.5	4.0	1.4	.6							8.2	9.3
SW	.2	1.0	3.3	2.2	.7	.2						8.6	10.0
WSW		.2	1.6	.7	.2	.1						2.9	10.4
W	.5	1.8	3.0	2.6	.4	.2	.2					8.6	10.2
WNW	.1	1.1	2.0	.9	.1	.1						4.3	9.0
NW	.3	1.6	2.0	.7	.5	.1	.1					5.3	9.4
NNW	.2	.9	2.3	1.0	.2	.1						5.0	9.0
VARBL													
CALM												10.0	
	4.2	21.1	42.5	16.5	4.1	1.3	.2					100.0	8.1
	TOTAL NUMBER OF OBSERVATIONS											1623	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
 STATION

WILMINGTON OHIO/CLINTON CW AFB
 STATION NAME

44-49, 53-68

YEARS

APR
 MONTH

0600-0800
 HOURS U.S.T.

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	MEAN WIND SPEED
N	2	9	11	5								2.7
NNE	2	10	13	8								3.2
NE	5	10	21	11	1	1						5.7
ENE	1	1	2	1	2							5.7
E	6	4	9	6	2							7.5
ESE	1	1	1	1	1							4.2
SE	2	1	2	7	1	1						5.0
SSE	3	1	2	8	2	2						4.7
S	2	5	4	5	7	9	1					11.0
SSW	2	6	4	2	5	7	1	1				10.0
SW	1	1	2	2	2	8	2					7.4
WSW	1	1	2	1	2	6	1	1				5.2
W	2	1	2	2	4	2	1	1				7.2
WNW	2	1	2	2	4	9	2					5.4
NW	2	1	1	1	7	5	1					5.8
NNW	2	1	1	1	9	2						4.4
VARBL												4.7
CALM												100.0
	4.0	21.2	40.9	21.0	5.6	1.9	1.2	1.1				8.9
	TOTAL NUMBER OF OBSERVATIONS											1711

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
 STATION

WILMINGTON 0410/CLINTON CO AFB
 STATION NAME

44-49, 53-68
 YEARS

YEARS

APR
 MONTH

0900-1100
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPED (KNTS, DIP	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	2.	4.	2.5	5.								4.0	2.1
NNE	2.	5.	1.3	5.	1.							2.6	8.3
NE	1.	9.	1.8	8.	4.							4.1	9.7
ENE	1.	7.	2.3	5.	2.							4.9	9.8
E	2.	6.	4.1	4.	3.							7.9	9.8
ESE	1.	9.	2.0	1.	1.							4.2	8.6
SE	1.	8.	2.2	1.	2.		1.					4.6	9.9
SSE		0.	2.4	1.	2.		1.					4.3	10.1
S	2.	0.	3.0	3.	2.	1.	3.	1.				9.9	11.7
SSW	1.	5.	2.4	4.	3.	1.	3.					8.3	12.5
SW	1.	4.	2.8	4.	6.	1.	5.					12.1	12.4
WSW	2.	4.	2.6	3.	3.	1.	4.	2.				7.9	12.3
W	1.	5.	2.4	3.	4.	1.	7.	3.	1.			10.0	12.3
WNW	2.	4.	1.6	2.	0.	1.	2.	1.				5.9	12.2
NW	1.	0.	2.3	1.	3.	1.	8.					6.9	10.0
NNW	2.	7.	1.8	1.	2.	1.	3.					4.9	9.5
VARBL													
CAIM												1.4	
	2.7	11.1	37.7	33.8	9.9	2.7	1.0	1.1				100.0	11.1
TOTAL NUMBER OF OBSERVATIONS												1908	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON WHIC/CLINTON CU AFB
STATION NAME

44-49, 53-68
YEARS

APR
MONTH

1200-1400
HOURS / LT

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	1.7	.8	.1	.1						3.7	8.6
NNE	.2	.9	1.8	.8	.2							3.9	9.1
NE	.3	.9	1.6	.9								3.8	8.6
ENE	.1	1.1	2.6	1.3	.3							5.3	9.5
E	.4	1.0	2.4	1.3	.4	.1						5.6	9.6
ESE	.2	.6	1.3	.9		.1						3.0	8.8
SE	.2	1.1	1.4	.7	.2	.1						3.6	8.6
SSF	.2	.7	1.2	1.7	.3	.1						4.1	10.7
S	.2	.7	2.7	1.3	1.0	.3	.1					8.8	12.2
SSW	.1	.6	2.0	1.4	1.9	.5	1.1					9.4	13.5
SW	.2	.8	2.4	1.1	2.3	.9	1.2					10.3	14.1
WSW	.2	.4	1.7	1.3	1.9	.8	1.5					8.3	14.5
W	.3	.7	1.9	1.9	1.9	.9	1.3					10.0	14.4
WNW	.1	.6	1.2	2.0	1.7	.7	.3	.1				6.9	14.8
NW	.3	.6	2.2	1.0	1.9	.2		1.1				7.5	11.7
NNW	.1	.8	1.8	1.3	.2	.1						4.4	10.0
VARBL													
CALM												1.1	
	3.0	11.9	30.2	35.2	12.6	4.5	1.3	.2				100.0	11.9
													19.7

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13041
STATION

WILMINGTON UNIV/CLINTON CU AFB
STATION NAME

44-49, 53-68
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	2.6	1.4	.2							5.7	9.2
NNE	.3	1.2	2.2	.7	.2							4.6	8.4
NE	.3	.9	2.4	.9	.1							4.5	6.7
ENE	.2	.4	2.1	.8	.1	.1						3.9	9.7
E	.3	1.0	2.2	1.2	.3							4.9	9.0
ESE	.2	.0	1.4	.2	.3							2.4	7.5
SE	.2	.9	1.1	.9								3.1	8.7
.SE	.1	.3	1.5	1.0	.4							3.5	10.8
S	.2	.3	2.4	1.0	.4	.4						9.5	11.0
SSW	.2	.3	2.6	2.3	1.0	.2	.1					9.0	12.5
SW		.7	1.9	3.3	1.7	.5	.1	.1				8.9	14.1
WSW	.2	.6	1.1	1.7	1.3	.5	.2	.1				6.2	14.3
W	.3	.6	2.0	2.0	2.0	.6	.3	.1				10.4	13.7
WNW	.1	.2	1.9	2.3	1.4	.4	.3	.1				9.0	13.3
NW	.2	.9	2.0	2.6	1.0	.3	.3					7.0	12.2
NNW	.3	.7	1.8	1.9	.6	.1						5.3	11.0
VARBL												2.1	
CALM													
	3.3	13.1	32.1	32.2	11.9	4.2	.7	.3	.1			100.0	11.5
													1964

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-8 (MAY 1964) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 53-68
YEARS

YEARS

APR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS U.S.T.

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 54	%	MEAN WIND SPEED
N	10	15	30	10	11							6.1	7.9
NNE	4	10	15	5	11							3.6	7.7
NE	5	10	15	5	11							5.9	7.7
ENE	3	10	15	5	11							5.4	8.5
E	3	10	15	5	11							5.6	7.5
ESE	7	10	15	5	11							3.6	6.9
SE	12	10	15	5	11							3.7	7.1
SSE	4	10	15	5	11							3.1	8.0
S	16	10	15	5	11	11						9.1	8.5
SSW	14	10	15	5	11	7	11					7.1	10.2
SW	14	10	15	5	11	2	11					6.9	9.7
WSW	16	10	15	5	11	3	11	11				5.1	11.7
W	16	10	15	5	11	3	11	11				7.6	10.9
WNW	16	10	15	5	11	2	11	11				7.2	12.6
NW	14	10	15	5	11	9	11	11	11			7.8	10.2
NNW	4	10	15	5	11	11	11	11				4.6	9.5
VARBL													
CALM												7.5	
	6.5	23.3	34.8	20.1	5.4	2.0	1.5	1.1				100.0	8.6
	TOTAL NUMBER OF OBSERVATIONS											1965	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13041
 STATION

WILMINGTON UNID/CLINTON CU AFB
 STATION NAME

44-49, 53-58

YEARS

APR
 MONTH

2100-2300
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS), DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	2.5	1.1	.1							3.9	8.0
NNE	1.0	1.2	1.8	.7	.1							4.3	7.5
NE	1.0	4.0	3.1	1.0	.1							6.8	7.9
ENE	1.2	1.1	2.2	1.3	.1							3.0	8.0
E	1.7	2.1	3.3	.9	.2							7.2	7.7
ESE	1.0	1.5	1.3	.2	.1							3.7	6.5
SE	1.0	1.8	2.2	.6								3.2	7.0
SSE	1.2	1.9	1.4	.8	.2							3.4	8.9
S	1.9	3.2	3.6	1.3	1.1	.1	.1					9.5	7.3
SSW	1.2	1.7	2.1	1.6	1.5	.1	.1	.1				7.4	10.0
SW	1.4	1.8	2.9	1.2	2.1	.1		.1				6.9	8.6
WSW	1.2	.7	1.1	1.0	.5	.2						3.6	10.9
W	1.4	1.1	1.4	1.8	1.1	.1						2.3	10.7
WNW	1.2	1.2	1.9	1.3	.7	.1						3.9	11.4
NW	1.4	1.4	2.0	1.5	.1	.1						2.6	9.5
NNW	1.2	.7	1.3	.7	.2							3.2	8.9
VARBI													
CALM												11.2	
	6.0	24.2	35.4	17.4	4.0	1.0	.1	.1				100.0	7
	TOTAL NUMBER OF OBSERVATIONS											19	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49, 53-68
YEAR

YEAR

DAY MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.0	.9	1.4	.3	.1							3.5	6.9
NNE	.0	1.5	2.1	.9	.1							3.3	7.8
NE	.3	2.5	3.2	.7								6.8	7.4
ENE	.4	1.6	1.3	.5								3.6	6.8
E	1.0	2.8	2.0	.3								6.1	5.8
ESE	1.0	1.4	1.1	.2								3.6	5.5
SE	.4	2.0	1.3	.2								4.5	5.9
SSE	.4	2.2	1.7	.7	.2							5.2	7.2
S	1.6	3.4	4.0	1.6	.2							10.8	7.5
SSW	.7	2.8	2.9	1.3	.3							8.7	8.3
SW	1.0	2.1	2.9	1.0	.1							7.1	7.3
WSW	.4	1.9	1.9	.9	.2							4.8	8.1
W	.7	1.3	2.1	.6	.1							4.7	8.1
WNW	.2	1.0	1.6	.2	.3							3.2	8.3
NW	.5	1.1	1.9	.5	.1	.1						4.2	7.7
NNW	.4	1.2	1.2	.3	.1							3.2	7.5
VARBL													
CALM												14.7	
	11.1	28.1	34.2	10.1	1.7	.1						100.0	6.2
												TOTAL NUMBER OF OBSERVATIONS	1762

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28601

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19841
 STATION

WILMINGTON OHIO/CLINTON CU AFB
 STATION NAME

44-49,53-68
 YEARS

YEARS

MAY
 MONTH

0300-0500
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	10.	1.1	1.2	0								3.4	7.2
NNE	13	1.2	1.3	0.7	0.1							3.7	8.1
NE	14	2.7	3.4	1.1								7.5	7.6
ENE	13	1.1	2.2	2.2								3.8	7.2
E	11.1	2.5	1.5	2.2								5.3	5.7
ESE	17	1.6	1.5	1.1								3.9	5.9
SE	10	1.9	2.1	3.3								4.9	6.5
SSE	14	1.4	1.2	2.2	0.1							3.3	6.9
S	13	3.9	4.5	1.9	2.2							12.0	7.6
SSW	19	2.8	4.5	2.1	2.2							10.2	8.4
SW	17	2.5	3.6	1.8				0.1				8.7	8.1
WSW	15	1.4	1.8	1.6	0.1							4.3	7.6
W	10.	2.4	1.8	2.2		0.1						5.4	6.8
WNW	11.	1.8	1.2	2.2	0.1		0.1					2.4	8.3
NW	16.	1.5	1.5	1.8	2.2							4.5	7.5
NNW	13	1.9	1.1	1.9	0.1							2.8	7.4
VARBL													
CALM												14.0	
	9.4	29.3	34.4	11.7	1.1	0.1	0.1					100.0	6.4
													1697

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
 STATION

WILMINGTON OHIO/CLINTON CU AFB
 STATION NAME

44-49,53-68
 YEAR

YEAR

DAY
 MONTH

0600-0800
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	2.1	.0	.1							4.2	8.7
NNE	.4	.7	1.3	1.0								3.5	8.3
NE	.4	1.4	2.8	.7	.1							5.9	7.8
ENE	.2	1.3	2.6	.9	.1							5.1	8.1
E	.5	2.1	2.7	.3	.1							6.0	6.7
ESE	.4	1.1	1.6	.1								3.3	6.3
SE	.4	1.3	2.0	.0								4.2	7.3
SSE	.6	1.8	1.3	.3	.1							3.1	7.2
S	.4	3.4	4.5	2.3	.7							11.9	8.5
SSW	.6	1.8	4.5	2.4	.4							10.0	9.1
SW	.7	2.0	3.9	2.7	.3	.1						9.8	9.2
WSW	.4	1.8	3.3	1.2	.1							6.7	8.1
W	.0	2.2	3.0	1.2	.2	.1						7.4	8.2
WNW	.3	1.1	1.5	.4	.2		.1					3.6	8.2
NW	.0	1.1	1.7	.7	.1							4.3	7.9
NNW	.3	.7	1.5	.3	.1	.1						3.0	8.2
VARBL													
CALM												8.0	
	8.4	24.2	40.3	19.0	2.6	.2	.1					100.0	7.5
TOTAL NUMBER OF OBSERVATIONS												1782	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CW AFB
STATION NAME

44-49, 53-66
YEARS

YEARS

1 DAY
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1	4	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED	
N	.1	.9	1.4	.7	.4	.1														2.5	9.8	
NNE	.4	.9	1.7	.9	.1															3.8	8.7	
NE	.2	1.2	2.0	.9																4.2	8.4	
ENE	.5	1.0	2.1	1.0	.1															4.7	8.2	
E	.0	1.4	2.8	.0																5.4	7.5	
ESE	.3	.7	1.6	.6																3.2	7.9	
SE	.4	1.3	2.2	.9																4.8	7.9	
SSE	.2	1.0	2.0	.5				.1												3.4	8.3	
S	.3	1.1	4.1	.5			.6	.1												8.6	10.2	
SSW	.4	1.3	2.2	.9			.6	.1												8.4	10.3	
SW	.5	1.4	2.2	.9			.6	.1												8.4	10.3	
WSW	.5	1.4	2.2	.9			.6	.1												8.4	10.3	
W	.2	1.4	2.8	.0			.7	.2												12.3	11.2	
WNW	.5	1.4	2.8	.0			.7	.2												8.8	10.2	
NW	.1	1.3	2.7	.7			.6	.2												10.9	10.4	
NNW	.1	1.3	2.7	.7			.6	.2												5.7	10.1	
NW	.1	1.3	2.7	.7			.6	.2												6.4	10.0	
NNW	.1	1.3	2.7	.7			.6	.2												3.9	9.0	
VARBL																						
CALM																					2.5	
																					100.0	9.5
																						1906

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILKINGTON DHIS/CLINTON CU AFB
STATION NAME

44-49, 53-68
YEARS

YEARS

JAN
MONTH

1200-1400
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.2	.8	1.7	2.0	.3							4.9	10.3
NNE	.1	1.1	1.3	1.0	.2							3.5	9.3
NE	.4	2.2	2.1	.9								4.6	8.1
ENE	.2	.2	1.4	.6	.1							3.2	8.2
E	.3	1.2	1.7	.9								3.7	7.7
ESE	.5	.3	1.1	.2								2.0	7.5
SE	.3	.6	1.4	.4								2.8	7.7
SSE	.4	.7	1.7	.4								2.9	7.9
S	.2	1.0	2.7	2.7	.5							9.6	9.3
SSW	.2	1.3	3.1	2.2	1.4	.1						9.4	11.3
SW	.2	1.0	3.9	3.9	1.8	.6						12.2	11.9
WSW	.7	.5	2.9	3.2	1.0	.3						8.5	11.2
W	.1	1.2	4.0	4.3	1.7	.7	.1					12.2	12.1
WNW	.3	1.0	1.7	2.3	1.0	.3						6.5	11.6
NW	.3	.9	2.0	2.0	.4	.2						5.7	10.5
NNW	.6	1.0	2.0	1.3	.2	.1	.1					4.7	9.2
VARBL													
CALM												3.7	
	4.9	16.5	35.5	28.8	8.5	2.0	.1					100.0	10.0
	TOTAL NUMBER OF OBSERVATIONS											1974	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 53-68
YEARS

YEARS

MAY
MONTH

1500-1700
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED KNTS. DIR	1 3	4 6	7 10	11 16	17	27 2	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	17.	10.	20.2	10.2	0.4	0.0	0.0					5.3	9.5
NNE	2.	9.	10.6	10.1	0.2	0.0						4.1	9.5
NE	2.	8.	20.1	10.0	0.2							4.3	9.3
ENE	6.	7.	10.0	0.6	0.1							3.3	8.1
E	4.	9.	10.1	0.4		0.0						2.9	7.4
ESE	6.	8.	10.0	0.4								2.1	6.6
SE	6.	8.	10.4	0.5								3.3	7.3
SSE	6.	7.	10.0	0.0	0.0							2.4	5.1
S	6.	10.	10.0	2.0	0.5	0.1						8.7	9.7
SSW	4.	10.	10.0	2.0	0.0	0.2						9.6	11.1
SW	10.	10.	10.0	10.0	10.0	0.1						10.8	10.4
WSW	10.	10.	10.0	10.0	0.9	0.1						7.9	10.2
W	10.	10.	10.0	10.0	0.9	0.1						12.2	12.5
WNW	10.	10.	10.0	10.0	0.9	0.7	0.1	0.0				7.5	10.4
NW	10.	10.	10.0	10.0	0.0	0.1						8.5	10.6
NNW	10.	10.	10.0	10.0	0.1	0.1						3.8	10.4
VARBL													
CALM												3.3	
	6.5	16.3	36.4	27.6	8.1	1.7	0.2	0.0				100.0	9.9
	TOTAL NUMBER OF OBSERVATIONS											2034	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
 STATION

WILMINGTON UNIV/CLINTON CO AFB
 STATION NAME

44-49, 53-68
 YEARS

YEARS

MAY
 MONTH

1800-2000
 HOURS (EST)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	1.9	1.1	.1							3.7	7.6
NNE	.5	1.2	2.2	.6	.1	.1						4.8	8.1
NE	.4	2.4	2.1	.5	.2	.0						6.1	7.2
ENE	.2	1.9	1.5	.1								3.8	6.2
E		1.3	1.2	.2								3.4	6.3
ESE	.5	1.6	.7	.0	.0							2.9	5.7
SE	.5	1.1	.8	.2								2.6	6.0
SSF	.5	1.3	1.3	.2	.0	.0						3.6	7.0
S	1.1	2.2	2.4	1.4	.2	.0						9.3	7.5
SSW	.6	2.9	3.2	1.9	.4	.0						9.1	8.5
SW	1.0	2.6	3.4	1.5	.2							9.1	7.7
WSW	.9	1.9	2.2	1.7	.1		.1					6.3	8.3
W	.9	2.2	4.1	1.2	.4	.1						9.5	8.7
WNW	.5	1.9	1.7	1.3	.2	.1		.0				4.8	9.4
NW	.5	1.4	2.1	1.4	.4	.1	.0					6.0	9.2
NNW	.5	1.2	1.9	.7	.1	.1						4.5	8.2
VARBL													
CALM												8.7	
	10.3	29.1	33.6	14.6	2.8	.6	.1	.0				100.0	7.2
	TOTAL NUMBER OF OBSERVATIONS												
												2031	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
 STATION

WILMINGTON OHIO/CLINTON CU AFB
 STATION NAME

44-49, 53-68
 YEARS

YEARS

MAY
 MONTH

2100-2300
 HOURS (G.S.T)

ALL WEATHER
 CLASS

CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.8	1.1	.4	.1							4.6	6.3
NNE	.7	1.4	2.1	.6	.1	.0						5.0	7.4
NE	1.0	2.6	2.5	.7	.0							6.8	6.7
NNE	.9	1.8	1.4	.1	.0							3.9	6.3
E	.7	2.2	1.2	.4								4.5	6.3
ESE	.8	1.7	1.1	.1								3.8	5.7
SE	1.0	3.0	1.5	.5								5.0	2.7
SSE	.4	1.2	1.8	.5								4.2	7.0
SSW	.8	3.4	3.7	1.1	.1	.0						10.1	6.9
SW	.6	3.0	3.0	1.6	.3	.0						8.6	8.0
WSW	1.0	3.0	2.8	.6	.1	.0						7.5	7.1
W	.3	1.9	1.4	.5	.2							4.4	7.8
WNW	.6	1.7	2.0	.7	.2	.1						5.4	7.9
W	.2	1.2	2.2	.6	.2							3.5	8.4
NNW	.2	1.0	2.2	.5	.0	.0		.0				4.1	8.8
NNV	.2	.9	1.8	.4	.1							2.5	8.0
VARUL												15.3	
CALM												100.0	6.0
												TOTAL NUMBER OF OBSERVATIONS	2022

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO APB
STATION NAME

44-49, 53-68
YEARS

ALL
MONTHS

ALL WEATHER
CLASS

ALL
WEATHERS

CONDITION

SPEED DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	1.0	.7	.2	.0	.0					4.4	3.4
NNE	.4	1.1	1.7	.9	.1	.0						4.2	8.3
NE	.5	1.9	2.5	.8	.1	.0						5.7	7.7
ENE	.2	1.3	1.7	.5	.1	.0						3.9	7.4
E	.7	1.8	1.8	.4	.0	.0						4.6	6.6
ESE	.5	1.2	1.2	.2	.0							3.1	6.3
SE	.0	1.3	1.6	.4								4.1	6.7
SSE	.4	1.1	1.5	.4	.1	.0						3.5	7.4
S	1.1	2.6	4.0	2.0	.4	.0						10.0	8.4
SSW	.0	2.0	2.7	2.4	.6	.1						9.2	9.4
SW	.7	2.2	3.6	2.4	.6	.2	.0					9.7	9.5
WSW	.5	1.4	2.5	1.0	.4	.1	.0					6.2	9.4
W	.5	1.7	2.2	2.2	.6	.3	.0	.0				8.3	10.0
WNW	.3	1.0	1.7	1.2	.4	.1	.0	.0	.0			4.7	9.8
NW	.4	1.2	2.1	1.2	.2	.1	.0	.0	.0			5.3	9.4
NNW	.3	1.0	1.5	.8	.1	.0	.0					3.6	8.7
CALM												8.6	
	0.2	2.2	3.8	18.2	4.1	.8	.1	.0				100.0	7.9
	TOTAL NUMBER OF OBSERVATIONS											1528	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49,53-68

YEARS

JUN
MONTH

0000-0200
HOURS UST

ALL WEATHER
CLASS

CONDITION

SPEED KNTS. DIR	SPEED CLASS													MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	?		
N	17	18	12	10									3.3	6.9
NNE	10	14	8	12									3.3	5.4
NE	10	13	13	12									3.8	6.0
ENE	17	12	23	12									4.5	6.7
E	14	21	14	12									5.1	5.5
ESE	10	14	7	1									3.2	4.9
SE	15	26	8	1									5.0	4.5
SSE	14	22	12	4									5.2	5.4
S	25	5	12	14	1								13.7	6.1
SSW	17	22	25	15	1		1						7.1	6.5
SW	14	22	25	11	1								7.3	7.2
WSW	10	11	15	13									3.9	7.1
W	10	9	20	10	1								4.1	7.7
WNW	10	13	19	13	1								2.6	6.7
WW	14	13	10	12									2.0	7.1
WNW	15	12	14	11									2.2	5.4
VAPBL													23.8	
CALM														
	16.0	20.3	23.1	5.7	1.4	1.1							100.0	4.7
	TOTAL NUMBER OF OBSERVATIONS													1682

USAF ETAC 0851011 PREPARED BY THE USES OF THE DATA

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1961
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

46-49, 52-68
YEARS

JUN
MONTH

0300-0500
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	7	14	15	2	2							3.8	6.5
NNE	0	2	0									3.0	5.4
NE	7	9	2	2								4.1	5.7
ENE	4	7	2	1								4.3	6.6
E	10	11	8	1								6.0	5.6
ESE	4	5	4									2.7	4.6
SE	11	8	7									3.6	4.8
SSE	7	2	0	2								4.1	5.8
S	20	9	9	5				1				14.5	6.2
SSW	5	0	3	9		2						8.0	7.2
SW	15	0	7	9	1							7.2	6.8
WSW	5	0	7	2	1							3.9	6.5
W	10	0	9	4	1							4.3	6.7
WNW	1	2	7	1								1.4	6.9
NW	7	7	2	2								2.8	6.4
NNW	9	0	5	1								2.3	5.5
VARBI													
CALM												24.6	
	15.2	28.1	27.2	4.3	4			1				100.0	4.7
												TOTAL NUMBER OF OBSERVATIONS	162

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CW AFB
STATION NAME

44-49, 53-60
YEARS

JUN
MONTH

0600-0800
HOURS-UT ST 1

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.8	.9								4.2	7.2
NNE	.6	1.0	1.0	.2								2.9	6.3
NE	1.0	1.4	1.5	.5	.1							4.4	6.3
ENE	.0	2.3	2.4	.6								3.9	6.9
E	.9	2.7	2.6	.2								6.5	6.3
ESE	.6	1.3	.8	.1								2.9	5.8
SE	1.4	1.7	.9	.1								3.8	4.7
SSE	.9	2.3	.9	.1								4.1	5.4
S	2.0	3.9	2.1	1.7	.2	.1						13.0	7.3
SSW	1.3	3.0	3.5	2.0	.4							10.1	8.0
SW	.9	3.4	3.4	1.4	.1	.1						9.2	7.3
WSW	1.1	1.6	1.9	.6								5.2	6.4
W	.7	1.5	3.0	1.3	.2							6.7	8.3
WNW	.2	1.6	.9	.2								2.2	7.2
NW	.8	1.3	1.2	.5								3.7	6.6
NNW	.5	1.3	1.0	.1								2.1	6.1
VARBL												13.0	
CALM												100.0	6.0
	14.0	30.0	31.5	10.3	1.0	.1							
													1579

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-49, 53-68
 YEARS

YEARS

JULY
 MONTH

ALL WEATHER
 CLASS

0900-1100
 HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	2.4	.7								5.2	7.1
NNE	.2	.9	1.4	.5	.1							3.3	7.3
NE	.4	1.5	2.5	.7								5.1	7.5
ENE	.9	1.1	2.3	.2								4.5	7.5
E	.8	1.7	2.0	.3								4.7	6.7
ESE	.3	1.7	1.2	.3								3.5	6.2
SE	.3	1.2	.7	.1								2.5	5.9
SSE	.6	.3	.9	.2								2.2	6.4
S	1.1	3.0	4.0	1.1	.4	.1						10.4	8.2
SSW	.5	2.0	4.3	2.7	.7	.1						10.3	9.6
SW	.5	2.2	2.7	2.9	.5	.1						12.5	9.6
WSW	.2	2.2	2.7	2.9	.5							9.0	9.4
W	.7	2.5	4.2	2.0	.2							11.9	8.7
WNW	.3	1.1	1.8	1.0	.1	.1						4.4	8.6
NW	.7	.7	1.9	.2								3.8	7.4
NNW	.4	.6	.3	.2								2.5	7.0
VARBL													
CALM												4.1	
	9.0	25.2	40.4	18.0	3.0	.2						100.0	7.9
	TOTAL NUMBER OF OBSERVATIONS												1892

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49, 53-68
YEARS

YEARS

JUN
MONTH

1200-1400
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

WIND DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	0.9	1.5	2.5	1.8	1.1							5.8	7.6
NNE	2.2	1.9	1.5	2.2								2.7	7.0
NE	2.2	1.0	1.0	1.0								3.8	7.4
ENE	1.5	1.8	1.8	1.2								3.3	7.8
E	1.4	1.9	2.2	1.6								5.1	7.0
ESE	1.9	1.0	1.8	2.2								2.2	6.3
SE	2.2	1.8	1.5	2.2								1.7	6.7
SSE	1.9	1.8	1.8	1.4								2.9	7.1
S	1.0	2.0	3.7	1.7	1.3	1.1						9.6	8.2
SSW	1.4	1.6	3.6	3.0	1.7	1.1						9.3	10.3
SW	1.3	1.7	4.8	4.5	1.8	1.1						13.2	11.0
WSW	1.4	1.6	5.4	3.1	1.6	1.1						11.2	10.9
W	1.6	2.0	4.3	2.4	1.1	1.3						11.4	9.9
WNW	1.3	1.1	1.4	1.2	1.3							4.7	9.0
NW	1.4	1.6	1.7	1.8	1.2	1.1						4.6	8.0
NNW	1.3	1.6	1.7	1.6	1.1							4.2	7.6
VARBL													
CALM												4.3	
	7.2	23.3	38.2	21.0	5.2	1.8						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

1857

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
 STATION

WILMINGTON OHIO/CLINTON CW AFB
 STATION NAME

44-49, 53-68

YEARS

JUN
 MONTH

1500-1700
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	0.0	2.1	2.4	1.5	0.2	0.1						6.2	8.4
NNE	0.5	1.2	1.2	0.7	0.1							3.6	7.6
NE	0.5	1.0	1.1	0.7								3.4	7.6
ENE	0.5	1.2	1.4	0.9								3.4	7.6
E	0.7	1.5	2.2	0.8								4.6	6.9
ESE	0.4	1.2	0.8	0.1								2.5	6.2
SE	0.4	1.1	0.9	0.1								2.2	5.9
SSE	0.2	1.1	0.9	0.2								2.2	6.7
S	0.9	2.2	4.0	1.8	0.2	0.1						9.1	8.6
SSW	0.9	1.8	2.0	2.9	0.3	0.1						10.9	9.2
SW	0.9	2.2	4.9	3.8	0.9	0.1						12.4	10.0
WSW	0.9	1.4	3.4	2.9	1.1	0.1						8.8	10.4
W	1.1	2.2	2.0	2.9	1.0	0.1	0.1					10.4	9.8
WNW	0.4	1.5	1.2	1.7	0.2	0.1	0.1					5.2	9.4
NW	0.4	1.4	1.8	1.1	0.5	0.1						5.3	9.0
NNW	0.5	1.0	1.8	0.7	0.1	0.1						4.0	8.2
VARBL												4.6	
CALM												4.6	
	8.6	24.1	36.2	21.4	4.9	0.6	0.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

1937

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28601

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 53-68
YEARS

JUN
MONTH

1800-2000
HOURS (LST)

464 WEATHER
CLASS

CONDITION

SPEED (KNTS, DIR)	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 - 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.8	1.8	.5	.1							6.8	6.5
NNE	.6	.9	1.4	.8	.2							3.0	3.4
NE	.3	1.3	1.5	.5	.1							3.8	7.2
ENE	.2	1.2	1.5	.2								3.1	6.7
E	.9	2.2	1.7	.1								4.9	5.8
ESE	.7	1.2	.6									2.5	5.1
SE	1.1	1.9	.8	.1								2.9	5.0
SSE	.5	1.0	.9	.2								2.7	6.4
S	2.2	4.4	4.0	1.0	.1							11.6	6.4
SSW	1.3	3.1	3.4	1.3	.2							9.6	7.3
SW	1.8	3.7	4.0	1.2	.3		.1					11.1	7.1
WSW	1.0	2.3	2.4	.8	.2							6.2	7.5
W	1.2	1.9	2.7	1.5	.3			.1				7.6	8.2
WNW	.3	.9	1.0	.5	.3							2.0	8.5
NW	.4	1.2	1.2	1.4	.2		.1					4.3	9.1
NNW	.7	1.3	1.3	.3								3.9	6.3
VARBL													
CALM												11.1	
	14.9	31.4	30.3	10.7	1.8	.2	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

1953

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON UNIV/CLINTON CO AFB
STATION NAME

44-49, 53-68
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS, DIR	PERCENTAGE FREQUENCY														MEAN WIND SPEED
	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%			
N	.0	1.4	1.4	.1								3.8	6.0		
NNE	1.1	1.2	.5	.4	.2							3.8	6.5		
NE	.8	2.0	1.5	.3								4.6	6.3		
ENE	.5	1.6	1.4	.3								3.8	6.6		
E	1.2	2.5	1.0	.4	.1							3.3	5.6		
ESE	1.2	1.4	.3									3.5	4.2		
SE	1.2	2.0	.5	.1								4.5	4.9		
SSE	.9	1.6	1.4	.1								4.1	5.2		
S	2.9	5.2	3.4	.6	.1							14.1	6.2		
SSW	1.3	2.3	2.4	.8	.1							6.2	6.9		
SW	1.8	2.9	2.7	.9	.1							7.4	7.0		
WSW	.8	1.5	1.1	.6		.1						3.6	6.7		
W	.9	1.2	1.3	.7	.1							4.2	7.2		
WNW	1.1	.8	.6	.3	.1							1.4	8.2		
NW	1.6	.8	.8	.4	.1							2.5	7.2		
NNW	.3	1.0	.5	.1								1.8	5.7		
VARBL															
CALM												24.6			
	15.5	30.0	23.2	9.2	7.1	1.1						100.0	4.7		
TOTAL NUMBER OF OBSERVATIONS												1936			

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13861
STATION

WILMINGTON OHIO/CLINTON CW AFB
STATION NAME

44-49, 53-68
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED KNTS)	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
DIR													
N	0.0	1.0	1.9	0.7	0.0	0.0						5.0	7.1
NNE	0.0	1.1	1.2	0.4	0.1							3.3	6.9
NE	0.0	1.3	1.5	0.5	0.0							4.1	6.5
ENE	0.4	1.4	1.9	0.4								4.1	7.0
E	0.9	2.2	3.8	0.3	0.0							5.3	6.2
ESE	0.7	1.4	1.7	0.1								2.9	5.4
SE	0.9	1.7	1.7	0.1								3.4	5.2
SSE	0.7	1.6	1.0	0.2								3.4	6.0
S	1.9	4.0	4.0	1.2	0.2	0.0	0.0					11.9	7.0
SSW	1.1	2.2	2.5	1.8	0.3	0.0						9.1	8.3
SW	1.0	2.6	3.9	2.2	0.9	0.0						10.1	8.6
WSW	0.8	1.6	2.0	1.3	0.2							6.9	8.7
W	0.8	1.9	2.9	1.6	0.4	0.1	0.0					7.7	8.7
WNW	0.3	0.9	1.1	0.7	0.1	0.0	0.0					3.2	8.4
NW	0.5	1.0	1.3	0.7	0.1	0.0						3.7	7.9
NNW	0.5	1.0	1.1	0.5	0.0	0.0						2.9	6.8
VARBL													
CALM												13.5	
	12.5	27.7	31.6	12.4	2.2	0.3	0.0					100.0	6.5
	TOTAL NUMBER OF OBSERVATIONS											14496	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45, 47-49, 53-68
YEARS

JUL
MONTH

ALL HEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.9	1.5	.4	.1	.1						4.7	6.7
NNE	.9	1.8	.8	.1								3.6	4.9
NE	1.6	4.0	1.7									7.3	5.2
ENE	.6	2.0	1.0	.1								3.7	5.7
E	1.1	3.2	1.3									5.7	5.2
ESE	.5	2.0	.4	.1								3.0	5.0
SE	1.0	2.4	.4									3.8	4.6
SSE	.7	1.3	.6		.1							2.6	5.2
S	2.2	5.8	3.5	.8								12.3	6.0
SSW	1.4	2.3	2.8	.8								6.8	6.1
SW	1.2	3.0	2.9	.3	.1							7.6	6.3
WSW	.2	1.1	1.1	.6								3.4	7.2
W	.7	1.3	1.2	.4			.1					3.7	6.8
WNW	.2	1.0	.2	.1								1.6	5.1
NW	.2	1.9	.9									3.0	5.6
NNW	.2	.8	.9									2.0	5.7
VARBL													
CALM												25.5	
	14.1	35.0	21.3	3.2	.2	.1	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

1575

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45, 47-49, 53-68
YEARS

JUL
MONTH

0300-0500
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	.8	.5								4.0	6.0
NNE	.2	2.6	.9									4.1	5.3
NE	2.2	3.4	.9									6.5	4.6
ENE	.9	1.4	1.1									3.2	3.5
E	1.5	3.3	1.1	.1								6.2	3.0
ESE	.9	1.5	.5	.1								3.4	4.7
SE	1.6	1.7	2.2	.1								3.6	4.4
SSE	.7	1.1	1.4									2.2	3.0
S	1.5	4.1	2.6	.5								9.6	6.1
SSW	1.0	2.7	2.2	.3								6.1	6.1
SW	1.5	3.6	2.6	.4								8.9	6.0
WSW	.7	2.0	1.5									4.2	6.0
W	1.0	2.0	1.6	.3								4.9	6.2
WNW	.9	1.4	1.7									1.7	3.7
NW	.7	1.6	1.1	.1								3.4	3.7
NNW	.5	1.4	.4			.1						1.3	3.7
VARBL													
CALM												26.7	
	16.4	34.4	20.6	1.9	.1							100.0	4.1
	TOTAL NUMBER OF OBSERVATIONS												1516

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
 STATION

WILMINGTON OHIO/CLINTON CW AFB
 STATION NAME

44-45, 47-49, 53-68
 YEARS

JUL
 MONTH

0900-1100
 HOURS LTST

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.0	1.0	.4								4.2	6.3
NNE	.5	1.2	1.8	.3								3.8	7.7
N E	.6	2.2	2.7	.5								6.0	7.0
ENE	.7	2.3	2.2	.6								5.8	6.8
E	.5	3.1	2.9	.5								6.3	6.4
ESE	.5	1.3	.9	.1								2.9	5.0
SE	.9	1.5	.9	.1								3.0	5.8
SSE	.6	1.0	.7	.2								2.5	6.1
S	.0	2.4	2.5	.8	.1							6.5	7.3
SSW	.7	1.8	3.3	1.3	.2							7.3	6.2
SW	.9	2.6	4.9	2.6	.3	.1						11.6	8.5
WSW	.5	2.7	4.4	2.0	.3	.1						10.0	8.5
W	1.1	3.0	4.5	2.4	.3							11.3	8.2
WNW	.8	1.1	1.9	.8								4.3	7.4
NW	.2	1.2	1.7	.9								4.5	7.9
NNW	.0	.9	1.6	.2								3.0	6.6
VARBL												6.3	
CALM												100.0	7.0
	10.5	30.3	37.5	13.3	1.3	.1							1859

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13861
STATION

WILMINGTON OHIO/CLINTON JG AFB
STATION NAME

44-45, 47-49, 53-68
YEARS

JUL
MONTH

1200-1400
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS): DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	MEAN WIND SPEED
N	.0	2.2	1.7	.3								5.0 6.4
NNE	.4	1.5	1.8	.4				.1				4.2 7.5
NE	.4	2.1	2.2	.5	.1							5.3 7.0
ENE	.4	1.9	1.8	.5								4.2 7.1
E	.4	2.7	1.5	.3								5.2 6.2
ESE	.4	1.1	1.6	.2								2.4 6.0
SE	.3	1.1	1.6	.1								2.1 6.1
SSE	.2	1.2	1.5	.3								2.1 6.5
S	1.2	2.2	2.0	1.4	.1							7.2 7.6
SSW	.3	2.0	2.0	1.4	.3	.2						8.1 9.0
SW	.2	2.7	2.2	3.1	.4	.3						12.0 9.7
WSW	.4	2.1	4.3	3.2	.5	.2	.1					10.7 9.7
W	.4	2.8	3.3	2.9	.7	.2						12.4 9.4
WNW	.5	1.2	1.6	1.3	.1				.1			4.8 8.6
NW	.3	1.1	2.1	1.5	.2	.1						5.2 9.5
NNW	.5	1.3	1.5	.7								4.3 7.0
VARBL												
CAIM												3.9
	7.7	29.6	37.4	18.1	2.3	.9	.1	.1				100.0 7.9
	TOTAL NUMBER OF OBSERVATIONS											1874

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13641
 STATION

WILMINGTON OHIO/CLINTON CW AFB
 STATION NAME

44-45, 47-49, 53-68
 YEARS

JUL
 MONTH

1800-1700
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	MEAN WIND SPEED
N	.9	1.8	0.5	.9	.1	.1						5.8
NNE	.5	2.2	2.2	.7	.1							6.2
NE	.9	2.6	1.8	.6								5.9
ENE	.5	1.8	1.0	.2								3.5
E	.5	2.4	1.3	.2								4.4
ESE	.2	1.2	1.1									2.5
SE	.2	1.0	1.1	.1								2.4
SSF	.2	1.2	.6	.2								2.4
S	.7	2.1	3.0	1.1								6.9
SSW	.7	2.0	3.3	1.2	.4							7.2
SW	.3	2.3	5.6	3.1	.4	.1						12.0
WSW	.8	2.0	3.9	2.7	.2	.1						9.1
W	.8	4.0	4.6	2.9	.4	.1						13.3
WNW	.3	.8	2.1	1.1	.3			.1				4.6
NW	.2	1.7	2.6	1.6	.2							6.5
NNW	.4	1.0	1.3	1.0								3.8
VARBL												3.4
CALM												3.4
	7.4	30.0	39.9	17.8	2.1	.3		.1				102.0
		7.9										7.9
												1931

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28001

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13861
 STATION

WILMINGTON OHIO/CLINTON CU AFB
 STATION NAME

44-45, 47-49, 53-68
 YEARS

JUL
 MONTH

1800-2000
 HOURS TEST

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS.) Dir	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.9	2.4	.4								7.2	5.9
NNE	1.1	2.2	1.7	.6								2.5	6.2
NE	1.9	2.7	1.1	.1	.1							4.9	5.4
ENE	.5	1.8	.8	.1								3.2	3.5
E	.8	2.4	1.1									4.2	3.3
ESE	.7	2.0	.3	.1								3.3	3.0
SE	1.0	2.2	.4									2.7	4.6
SSE	.7	1.3	.4	.1								2.6	3.0
S	1.2	4.0	2.2	.9	.1							8.9	6.5
SSW	1.2	3.6	3.0	.8	.1							8.6	6.6
SW	1.2	3.6	2.1	.9	.1			.1				9.2	6.8
WSW	1.2	2.2	2.2	.7	.1	.1						6.4	7.1
W	1.2	3.1	3.0	1.2	.1	.1	.1					8.8	7.1
WNW	.8	1.1	1.2	.2								3.7	6.7
NW	.4	1.2	1.9	.5								4.0	7.3
NNW	.2	1.9	1.2	.5								4.2	6.8
VARBL												11.6	
CALM													
	15.2	32.2	26.8	7.2	.3	.2	.1	.1				100.0	5.6
	TOTAL NUMBER OF OBSERVATIONS											1932	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

46-45, 47-49, 53-58
YEARS

JUL
MONTH

2100-2300
HOURS TEST

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.0	.1				1.1				4.2	5.6
NNE	1.3	1.9	1.3	.3	.1							2.0	5.8
NE	1.6	2.7	2.0	.2								6.3	5.7
ENE	.2	1.9	.9									2.9	5.5
E	1.2	2.7	.9	.1								4.2	4.9
ESE	.8	1.9	.4									3.2	4.8
SE	1.3	2.0	.6									3.9	4.6
SSE	.7	2.0	.5	.1								3.3	5.1
S	2.2	4.6	3.4	1.5								10.8	5.9
SSW	1.0	3.4	2.7	2.2								7.4	6.1
SW	1.1	2.4	1.9	.3	.1							6.0	6.2
WSW	.6	1.8	.9	.3		.1						3.7	6.4
W	.9	1.5	1.5	.4	.2			1.1				4.5	6.9
WNW	.3	.6	.1	.2								1.0	4.8
NW	.4	1.1	.1	.2								2.4	5.3
NNW	.2	1.1	1.2	.2	.1							2.9	6.8
VARBL												27.6	
CALM												100.0	4.2
	15.4	33.3	20.2	2.9	.4	.1	.1						
	TOTAL NUMBER OF OBSERVATIONS												1914

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-45, 47-49, 53-68
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	MEAN WIND SPEED
N	.8	2.0	1.6	.4	.0	.0	.0					4.8
NNE	.8	1.2	1.6	.3	.0							4.6
NE	1.1	2.9	1.8	.3	.0							6.1
ENE	.6	1.9	1.9	.2								4.0
E	.9	3.0	1.5	.1								5.6
ESE	.6	1.6	.7	.1								3.0
SE	.4	1.8	.6	.0								3.2
SSE	.5	1.3	.5	.1	.0							2.5
S	1.4	2.7	3.1	.9	.0							9.0
SSW	.9	2.6	3.1	.8	.1	.0						7.5
SW	1.0	2.9	3.9	1.2	.2	.0						9.6
WSW	.6	2.1	2.6	1.3	.1	.1	.0					6.8
W	.9	2.1	3.1	1.3	.2	.0	.0	.0				8.3
WNW	.2	.9	1.1	.5	.0							3.1
NW	.4	1.9	1.6	.6	.1	.0						4.1
NNW	.4	1.1	1.1	.9	.0							3.0
VARBL												14.8
CALM												100.0
	12.4	33.2	29.2	9.0	.7	.2	.0	.0				5.9
TOTAL NUMBER OF OBSERVATIONS												14257

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-45, 47-49, 53-68
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	1.0	.2								4.3	5.4
NNE	1.2	2.4	.9	.1								4.6	4.9
NE	1.6	2.9	2.7	.1								8.5	5.7
ENE	1.5	1.6	1.6									3.7	6.0
E	1.2	2.3	1.2	.1								5.0	5.2
ESE	1.5	1.8	.5									3.0	4.8
SE	1.5	2.4	.8									4.7	4.8
SSE	1.0	1.4	.9	.1								3.4	5.3
S	1.8	3.7	3.6	.1								9.6	6.2
SSW	1.3	3.0	1.6	.4								6.3	5.8
SW	1.0	1.8	1.7	.6								5.4	5.7
WSW	.6	1.0	.7									2.9	5.1
W	.7	1.0	.9	.2	.1							3.7	5.9
WNW	.5	.9	.4									1.8	5.0
NW	.5	1.2	.5	.1								2.4	5.6
NNW	.5	1.3	.7									2.7	5.3
VARBL													
CALM												28.0	
	10.0	33.2	19.8	2.1	.1							100.0	4.0
TOTAL NUMBER OF OBSERVATIONS												1643	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON Co AFB
STATION NAME

43-45, 47-49, 53-68
YEARS

AUG
MONTH

0300-0500
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.4	.9	.1		.1						4.6	5.5
NNE	1.2	2.4	.6									4.2	4.8
NE	1.8	4.2	2.8	.1								8.9	5.5
ENE	.7	1.7	1.3	.1								3.8	5.8
E	1.6	3.2	1.8									2.6	4.7
ESE	.9	1.1	.4									2.3	4.9
SE	1.0	1.6	.3	.1								3.8	4.5
SSE	.8	1.8	.6	.1								2.7	5.1
S	2.0	2.7	2.8	.9								8.3	6.2
SSW	1.1	1.8	2.3	.2								5.4	6.1
SW	1.6	3.0	1.7	.2								6.3	5.4
WSW	.8	1.3	1.0	.2								3.2	5.9
W	.8	2.2	1.2	.2								4.3	5.7
WNW	.4	1.8	.4	.1								1.7	5.2
NW	.9	1.8	.3	.1								2.9	5.1
NNW	.5	1.6	.3	.1								2.0	5.4
VARBL													
CALM												29.1	
	17.6	32.0	18.4	2.3		.1						100.0	3.9
	TOTAL NUMBER OF OBSERVATIONS											1500	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

19841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-45, 47-49, 53-68
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	°	MEAN WIND SPEED
N	.5	1.9	1.9	.4								4.1	6.4
NNE	.9	2.5	1.4	.2								5.1	5.7
NE	1.4	2.9	2.8	.1								7.3	5.8
ENE	.9	2.5	1.3	.2								3.0	5.7
E	1.0	3.4	1.6	.1								6.0	5.5
ESE	.9	1.5	.5	.1								2.0	4.8
SE	2.2	1.7	.6									4.5	4.2
SSE	.5	1.5	.6									2.5	5.3
S	1.7	4.7	2.8	1.4								10.5	6.3
SSW	1.0	2.5	2.0	.6								7.1	6.7
SW	1.4	1.9	2.9	.7								7.0	6.4
WSW	1.2	1.8	1.5	.1	.1							4.7	5.7
W	1.2	2.1	2.0	.3	.1							5.6	6.1
WNW	.3	1.6	.6	.1								1.9	5.5
NW	.2	1.3	.9	.2								2.7	6.1
NNW	.5	1.3	1.0	.2								3.1	6.2
VARBL													
CALM												20.0	
	16.2	34.4	24.8	9.9	.1							100.0	4.7
	TOTAL NUMBER OF OBSERVATIONS											1737	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-45, 47-49, 53-68
YEARS

ALL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED KNTS: DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.2	3.0	.8								6.8	7.3
NNE	.7	2.2	1.9	.4								5.2	6.5
NE	1.2	1.9	2.5	.3								5.9	6.5
ENE	.7	1.6	1.7	.4								4.0	6.9
E	1.0	2.5	2.1	.5								6.1	6.3
ESE	.8	.9	1.0	.1								2.9	3.8
SE	.8	1.2	.5									2.6	4.9
SSE	.8	1.1	.6	.1								2.5	3.4
S	1.0	2.2	2.5	.8	.1							6.5	6.8
SSW	.7	2.4	3.3	1.0	.4							8.3	8.2
SW	1.1	2.7	5.7	1.8	.2							11.2	7.9
WSW	.5	2.2	4.1	1.2	.2							8.1	7.8
W	1.5	3.1	4.0	1.8	.2							10.5	7.5
WNW	.2	1.5	1.8	.3		.1						4.0	7.2
NW	.6	1.9	2.2	.5								3.1	7.1
NNW	.4	1.4	1.2	.2	.1							3.7	7.0
VARBL													
CALM												6.6	
	12.1	31.4	38.2	11.0	.6	.1						100.0	6.6
	TOTAL NUMBER OF OBSERVATIONS												1929

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-45, 47-49, 53-68
YEARS

AUG
MONTH

1200-1400
HOURS (EST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	MEAN WIND SPEED
N	1.0	3.2	3.6	1.2	.1							9.1 7.4
NNE	.3	2.2	2.0	.6	.1							2.3 7.2
NE	.5	2.4	2.5	.3								6.0 6.4
ENE	.4	1.8	1.5	.2								3.8 6.3
E	.9	1.5	1.5	.2								4.1 6.0
ESE	.6	.5	.9	.2								2.2 6.2
SE	.7	1.1	.8	.1	.1							2.7 5.9
SSE	.2	.6	.7	.2	.1							1.6 6.8
S	.8	2.6	2.4	1.0	.2							7.0 7.4
SSW	.2	1.5	3.1	1.3	.5							6.6 9.3
SW	.7	2.7	3.7	2.8	.5							12.5 8.9
WSW	.3	1.6	4.2	2.5	.1							8.9 9.1
W	.7	2.0	4.6	2.7	.1							10.3 7.0
WNW	.6	1.3	2.1	1.1	.2							5.2 8.3
NW	.3	1.9	2.8	1.2	.1							6.5 7.7
NNW	.2	1.4	1.4	.9	.1							3.8 7.8
VARBL												4.4
CALM												4.4
	9.2	36.3	39.8	16.1	2.1	.1						100.0
												7.5
												1941

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13861
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-45, 47-49, 53-68
 YEARS

AUG
 MONTH

1500-1700
 HOURS (LST)

ALL WEATHER.
 CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34-40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	3.8	1.4								9.4	7.4
NNE	5.1	1.9	2.0	8.1	0.0							5.2	7.3
NE	6.1	2.9	2.5	1.1	0.0							6.4	6.1
ENE	5.1	2.2	9.1	1.1	0.0							3.8	5.8
E	1.1	1.8	1.3									4.4	5.6
ESE	5.1	1.0	4.4	0.0								2.0	2.2
SE	4.1	1.2	9.1	2.1								2.8	6.3
SSE	4.1	5.1	7.1	3.1								1.9	7.1
S	5.1	1.9	3.5	8.1	1.1							6.9	7.8
SSW	5.1	1.8	3.3	2.1	4.1							8.1	9.1
SW	4.1	2.3	4.7	2.1	4.1							9.9	8.9
WSW	2.1	2.3	3.6	1.8	2.1	0.0						8.4	8.8
W	2.1	2.8	4.6	2.1	1.1		0.0					10.2	8.3
WNW	4.1	9.1	2.7	7.1	1.1							4.9	8.6
NW	6.1	1.8	3.0	8.1	1.1							6.4	8.0
NNW	2.1	1.7	2.1	6.1	0.0	0.0						4.7	7.8
VARBL												4.5	
CALM													
	9.0	30.0	40.5	14.1	1.7	1.1	0.0					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

2028

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-45-47-49-53-66
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (EST)

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.3	2.2	.5	.2							8.9	6.0
NNE	1.2	2.0	1.9	.3		.1						5.9	6.2
NE	2.3	3.1	1.8	.4								7.6	5.5
ENE	1.0	1.7	.7									3.4	4.8
E	2.0	2.0	.7	.1								4.7	4.6
ESE	.9	1.2	.2	.1								2.0	4.5
SE	1.0	2.1	.5	.1	.1							3.7	3.1
SSF	.7	1.7	.8	.1								3.2	3.2
S	1.0	4.2	2.6	.1								7.9	5.7
SSW	.9	3.3	1.7	.6	.1							6.8	6.4
SW	1.5	2.3	2.9	1.0								8.6	6.3
WSW	1.2	1.8	1.5	.4								4.8	6.1
W	1.0	3.0	2.2	.9	.1							7.3	6.7
WNW	.9	1.9	1.0	.2	.1							3.4	6.3
NW	.8	1.2	1.3	.1								3.3	5.9
NNW	.8	1.6	1.1	.2	.1							3.7	6.0
VARBL													
CALM												15.3	
	14.7	38.1	22.0	4.8	.5	.1						100.0	5.0
	TOTAL NUMBER OF OBSERVATIONS												1980

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-45, 47-49, 53-68
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS 'EST.

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	°	MEAN WIND SPEED
N	14.9	21.9	11.2		0.1							5.4	5.4
NNE	14.9	21.9	11.2									5.4	5.1
NE	14.9	21.9	11.2	1.9								7.4	6.0
ENE	14.9	21.9	11.2									2.9	5.4
E	14.9	21.9	11.2	1.9								5.3	4.9
ESE	14.9	21.9	11.2	1.9	1.1							3.5	4.5
SE	14.9	21.9	11.2	1.9	1.1							3.9	5.0
SSE	14.9	21.9	11.2	1.9	1.1							3.9	5.0
S	14.9	21.9	11.2	1.9	1.1							9.4	5.6
SSW	14.9	21.9	11.2	1.9	1.1							5.4	6.0
SW	14.9	21.9	11.2	1.9	1.1							5.2	5.6
WSW	14.9	21.9	11.2	1.9	1.1							3.8	6.2
W	14.9	21.9	11.2	1.9	1.1							3.4	6.3
WNW	14.9	21.9	11.2	1.9	1.1							1.7	5.0
NW	14.9	21.9	11.2	1.9	1.1							2.6	6.3
NNW	14.9	21.9	11.2	1.9	1.1							1.8	5.3
VARBL	14.9	21.9	11.2	1.9	1.1							1.8	5.3
CALM												28.5	
	15.5	24.7	19.5	1.5	1.3							100.0	3.9
TOTAL NUMBER OF OBSERVATIONS												1967	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-45, 47-49, 53-68
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS 'EST

CONDITION

SPEED (KNTS), DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	MEAN WIND SPEED
N	14.1	24.7	24.2	4.0	0.0	0.0						6.7
NNE	19.9	24.2	14.6	4.2	0.0	0.0						6.1
NE	14.5	34.0	24.5	4.2	0.0	0.0						6.9
ENE	17.7	14.9	14.2	4.1	0.0	0.0						5.9
E	14.2	24.5	14.2	4.1	0.0	0.0						5.4
ESE	17.7	14.9	14.5	4.1	0.0	0.0						5.1
SE	14.1	14.7	17.7	4.1	0.0	0.0						5.1
SSE	14.6	14.3	17.7	4.1	0.0	0.0						5.5
S	14.3	24.4	24.6	4.7	0.0	0.0						6.4
SSW	14.8	24.3	24.6	4.9	4.2	0.0						7.4
SW	14.2	24.3	24.4	4.9	4.1	0.0						7.4
WSW	17.7	14.8	24.4	4.9	4.1	0.0						7.5
W	14.9	24.3	24.7	4.1	4.1	0.0	0.0					7.4
WNW	14.4	14.1	14.2	4.2	4.1	0.0	0.0	0.0				7.1
NW	14.6	14.4	14.5	4.4	4.0	0.0	0.0	0.0				6.9
NNW	14.3	14.2	14.1	4.3	4.0	0.0	0.0	0.0				6.6
VARBL												19.5
CALM	X											19.5
	14.2	32.8	28.5	7.2	7.7	0.0	0.0					100.0
	TOTAL NUMBER OF OBSERVATIONS											14805

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43 49 23 68
YEARS

YEARS

SEP
MONTH

0000-0200
HOURS/15 T

AL WEATHER
CLASS

CONDITION

SPEED 'KNTS. DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	1.8	1.1								2.4	6.0
NNE	1.8	2.4	1.8	1.2								5.2	4.6
NE	1.2	2.0	4.0	1.6								8.4	6.7
ENE	1.4	2.6	1.8	1.7	1.1							5.0	7.0
E	1.5	4.9	2.3	1.4								9.1	5.3
ESE	1.1	2.2	1.3	1.3								5.2	5.1
SE	1.5	2.1	1.3	1.3								4.5	5.1
SSE	1.0	1.8	1.4	1.2	1.1							4.2	6.2
S	1.8	2.8	4.0	1.2	1.2	1.1						10.8	7.4
SSW	1.8	1.8	2.7	1.8	1.1							5.5	7.1
SW	1.7	1.9	2.1	1.6	1.1							5.3	7.5
WSW	1.7	1.5	1.9	1.2	1.1							2.0	7.4
W	1.4	1.2	1.1	1.1	1.1							4.0	5.6
WNW	1.4	1.8	1.5	1.1	1.1							1.8	5.8
NW	1.7	1.8	1.1	1.2	1.1							3.2	5.0
NNW	1.2	1.0	1.3	1.2	1.1							1.7	6.8
VARBL													
CALM												21.0	
	12.1	27.4	28.4	5.4	1.9							100.0	5.7
													1687

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS)

12061
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-49, 53-68
YEARS

YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 55	%	MEAN WIND SPEED
N	1.6	1.7	1.1	1.4								2.6	6.0
NNE	1.0	1.7	1.9	1.4								3.9	5.6
NE	1.6	2.5	3.1	2.9								7.4	6.2
ENE	1.2	2.5	1.9	1.0								6.6	4.5
E	2.0	4.7	2.6	1.4								9.7	5.6
ESE	1.7	2.4	1.0	1.4								4.4	5.3
SE	1.5	2.4	1.3	1.1								5.2	5.4
SSE	1.7	1.5	1.6	1.1								3.2	5.5
S	1.8	3.7	4.7	1.7								11.1	6.7
SSW	1.0	1.1	1.5	1.6	1.1							5.3	6.9
SW	1.9	2.1	2.4	1.6	1.4							7.1	7.1
WSW	1.2	1.0	1.1	1.1	1.1							2.3	7.3
W	1.5	1.3	1.2	1.2	1.2							4.8	5.8
WNW	1.7	1.9	1.9	1.2	1.1							2.2	5.4
NW	1.5	1.6	1.6	1.2	1.1							3.2	5.8
NNW	1.2	1.6	1.6	1.1	1.1							1.5	6.3
VARBL													
CALM												19.3	
	16.2	30.7	28.0	5.9								100.0	5.0
TOTAL NUMBER OF OBSERVATIONS												1627	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1984
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-49.53-66
 YEARS

YEARS

SEP
 MONTH

0000-0800
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS DIF	1 3	4 5	7 10	11 16	17 21	22 27	29 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	1.2	.2								2.4	6.9
NNE	1.0	1.4	1.9	1.1	.1							3.0	5.5
NE	1.3	3.3	2.0	1.0								8.9	6.6
ENE	1.0	1.1	1.8	1.0	.1							6.3	6.2
E	2.1	4.4	2.8	.3								9.8	5.6
ESE	.6	3.1	1.0									4.7	5.3
SE	1.4	2.2	1.2	.1								4.9	5.2
SSE	.5	1.4	1.0									3.4	5.6
S	1.3	2.2	1.9	.9	.2							4.4	7.2
SSW	.6	1.4	1.8	.7	.2							6.7	7.3
SW	.6	2.4	2.9	.4	.1							7.4	7.1
WSW	.3	1.4	1.4	.2								2.8	7.2
W	1.4	1.7	2.1	.5								4.9	6.1
WNW	.7	1.6	1.8	.1								2.4	5.4
NW	.6	1.1	.7	.2								2.7	6.1
NNW	.6	.7	1.0	.2								2.5	6.5
VARBL												15.9	
CALM												100.0	3.4
	14.9	22.9	30.6	6.3	.2								17.4

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13863
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-49-53-68
 YEARS

YEARS

SEP
 MONTH

0900-1100
 HOURS/5 T

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	0	1.0	1.6	0								4.1	7.3
NNE	2	2.2	3.7	6								2.8	7.4
NE	5	2.0	2.8	5								7.1	8.3
ENE	0	2.0	2.0	1								6.6	7.7
E	0	2.5	3.5	7		1						7.8	7.2
ESE	5	1.6	1.5	1		1						3.9	6.5
SE	4	1.2	2.0	2		2						4.0	7.1
SSE	4	1.2	2.0	2		2						3.4	7.1
S	2	2.2	3.1	2		2						8.1	7.7
SSW	7	1.1	2.2	2		2						8.6	9.2
SW	7	1.1	2.2	2		2						10.6	9.3
WSW	0	2	4	3		2						7.4	8.6
W	4	2	2	1		2						6.5	8.2
WNW	0	1.0	0.6	0		0						3.7	7.6
NW	4	1	1	0		0						4.3	7.9
NNW	4	1	1	0		0						3.2	7.4
VARBL	0	0	0	0		0						6.1	
CALM												100.0	7.5
												100.0	7.5
TOTAL NUMBER OF OBSERVATIONS												1924	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13061
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-49-53-68
YEARS

SEP
MONTH

1200-1400
HOURS-1'S T.

ALL WEATHER
CLASS

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	MEAN WIND SPEED
N	0.0	1.8	1.8	1.0	0.1							7.5
NNE	0.0	0.0	1.0	0.7	0.1							8.2
NE	0.0	1.0	2.0	1.2	0.1							8.0
ENE	0.0	1.0	2.0	0.7	0.2							8.0
E	0.0	2.1	3.5	0.4								7.2
ESE	0.0	1.0	1.2	0.3								6.1
SE	0.0	1.0	1.2	0.5	0.1							7.0
SSE	0.0	1.0	1.0	0.9								7.3
S	1.1	1.7	2.5	0.8	0.2							8.3
S-SW	1.4	1.2	2.2	2.0	0.7	0.1						9.2
SW	1.0	1.0	1.0	1.0	0.7	0.1						10.1
WSW	1.0	1.0	1.0	1.0	0.2	0.1						8.9
W	1.0	1.0	2.0	1.1	0.3	0.1						9.1
WNW	1.0	1.0	1.0	1.0	0.4	0.1						9.4
NW	1.0	1.0	1.0	1.0	0.1							7.6
NNW	1.0	1.0	1.0	1.0	0.1							7.7
VARBL												
CALM												5.0
	92.7	22.9	38.2	21.8	2.0	0.2	0.1					100.0
	TOTAL NUMBER OF OBSERVATIONS											1947

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13861
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-49.53-68
YEARS

YEARS

SEP
MONTH

1500-1700
HOURS U.S.T.

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.6	2.8	1.3	0							6.7	7.7
NNE	0.5	1.7	1.8	0.7	0							4.7	7.3
NE	0.5	2.0	1.4	0.8	0.1							4.7	7.6
ENE	0.5	1.8	1.8	0.8	0							5.0	7.5
E	0.5	2.2	2.5	0.4	0							5.2	7.1
ESE	0.5	1.0	1.5	1.1	0							2.7	7.3
SE	0.5	1.5	1.6	0.5	0							4.3	6.2
SSE	0.5	1.1	1.2	0.8	0							4.1	7.7
S	1.2	2.0	2.7	1.9	2.1							9.0	7.9
SSW	0.5	2.0	2.2	1.4	2.1							6.3	8.4
SW	0.5	1.9	2.2	2.0	0.4							5.0	8.7
WSW	0.5	1.7	2.2	1.8	0.5	0						7.1	9.2
W	0.5	2.4	2.7	2.2	2.2							8.2	8.8
WNW	0.5	2.4	2.2	1.0	2.1							4.8	10.0
NW	0.5	1.8	2.2	1.4	1.1							6.3	8.2
NNW	0.5	1.4	1.7	0.9	0							4.0	7.3
VARBL													
CALM												0.1	
	0.7	20.2	20.8	17.7	2.4	0						100.0	7.6
	TOTAL NUMBER OF OBSERVATIONS											2046	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

12861
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-49, 52-68
 YEARS

YEARS

SEP
 MONTH

1800-2000
 HOURS 'LST'

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.2	2.0	.3	.1							0.3	0.1
NNE	1.6	2.2	1.6	.1	.0							5.5	3.4
NE	1.4	2.6	1.7	.6	.1							6.4	6.2
ENE	1.4	1.0	1.2	.4	.0							3.8	7.1
E	1.4	2.1	1.2	.1								5.9	5.3
ESE	1.0	2.7	.6									4.9	4.9
SE	1.9	3.1	1.4	.2								3.5	3.3
SSE	1.8	1.7	1.9	.2	.0							2.7	3.8
S	2.1	4.2	2.3	.3	.1							10.1	3.9
SSW	1.3	1.9	2.2	.3								5.0	6.3
SW	1.2	1.8	2.7	.3								4.9	3.9
WSW	1.0	1.2	1.2	.0								4.1	6.9
W	1.1	2.0	1.2	.1	.0							4.8	6.2
WNW	1.0	1.7	1.1	.1	.1		.0					2.7	7.0
NW	1.8	1.9	1.7	.2	.1							4.3	6.3
NNW	1.1	1.6	1.1	.1	.0							3.4	5.7
VARBL												18.7	
CALM												100.0	4.9
	17.0	25.2	24.2	1.4	.7	.0							
	TOTAL NUMBER OF OBSERVATIONS											2044	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13861

WILMINGTON OHIO/CLINTON CO AFB

49-49, 53-68

YEARS

SEP

2100-2300
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N		1.9	1.9	1.9	1.3							4.0	5.9
NNE	2.0	2.5	1.3	1.0								5.8	4.9
NE	1.1	2.8	2.1	1.4								7.8	6.5
ENE	1.4	2.1	1.0	1.8		0						4.8	7.2
E	1.7	4.0	1.5	2.2		0						7.4	5.2
ESE	1.0	2.7	1.7	1.7								4.4	4.8
SE	1.3	2.2	2.2	2.2		2						6.2	5.8
SSE	1.8	2.1	1.0	1.0		2						4.1	5.9
S	1.8	4.5	4.5	5.5		0						11.8	6.3
SSW	1.9	1.4	2.2	1.3		0						4.8	6.9
SW	1.0	1.2	1.5	1.3								4.8	6.2
WSW	1.2	1.7	1.5	1.1		0						1.8	6.4
W	1.1	1.2	1.8	1.2		0		0				2.5	6.0
WNW	1.2	1.5	1.2	1.1								1.4	6.0
NW	1.2	1.1	1.7	1.2								3.2	5.5
NNW	1.2	1.7	1.0	1.1								2.5	6.3
VARBL	1.4	1.7	1.0	1.1								2.5	6.3
CALM												23.1	
	16.4	32.1	22.2	1.2	2	0						100.0	4.6
TOTAL NUMBER OF OBSERVATIONS												2026	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-49, 53-68
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS U.S.T.

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	MEAN WIND SPEED
N	1.8	1.5	1.6	1.5	1.0							4.4
NNE	1.1	1.7	1.2	1.4	1.0							4.4
NE	1.0	2.5	2.6	1.8	1.0							4.9
ENE	1.9	2.0	1.8	1.8	1.1							6.4
E	1.2	3.9	2.5	1.5	1.0							7.6
ESE	1.7	2.1	1.1	1.1	1.0							4.1
SE	1.0	2.0	1.6	2.2	1.0							4.9
SSE	1.6	1.6	1.2	1.2	1.0							3.7
S	1.9	3.1	4.0	1.1	2.2							10.0
SSW	1.8	1.6	2.8	1.0	2.2	1.0						6.4
SW	1.8	1.1	2.3	1.3	2.2	1.0						7.3
WSW	1.9	1.4	1.7	1.9	1.1	1.0						4.4
W	1.0	1.6	1.9	1.9	1.1	1.0						6.1
WNW	1.5	1.8	1.1	1.2	1.1	1.0						3.1
NW	1.7	1.4	1.6	1.6	1.0							4.3
NNW	1.4	1.0	1.1	1.2	1.0		1.0					2.6
VARBL												
CALM												14.2
	13.4	29.5	31.3	10.5	1.1	1.1	1.0					100.0
												6.0

TOTAL NUMBER OF OBSERVATIONS

15048

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-48, 53-68
YEARS

YEARS

CGT
MONTH

0000-0200
HOURS LST

ALL WEATHER
CLASS

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 50	%	MEAN WIND SPEED
N	1.2	1.6	1.7	2.3					1.1			4.9	6.3
NNE	1.6	1.5	1.3	1.1								3.6	6.0
NE	1.1	3.0	3.6	4.4	1.1				1.1			8.3	6.9
ENE	1.4	1.8	2.0	2.5								4.3	7.4
E	1.2	2.8	2.2	1.1	1.1							6.3	5.8
ESE	1.6	1.2	1.0	1.1								3.0	5.4
SE	1.0	3.0	2.1									6.0	5.6
SSE	1.2	1.9	1.2	2.2	1.1							3.7	6.7
S	1.0	3.7	3.1	1.2	1.1							9.2	7.4
SSW	1.7	1.7	2.7	1.2								6.2	8.0
SW	1.6	2.2	2.7	1.2	2.1							7.8	7.9
WSW	1.5	1.2	2.0	2.5	1.1							4.3	7.4
W	1.0	1.9	1.9	1.7	1.1							5.5	7.1
WNW	1.2	1.2	1.1	1.5								2.0	7.6
NW	1.1	1.9	1.0	1.6	1.1				1.1			4.8	6.8
NNW	1.2	1.2	1.1	1.3	1.1							3.0	7.5
VARBL													
CALM												16.2	
	11.2	21.6	21.5	8.1	4.1	1.1						100.0	5.8
	TOTAL NUMBER OF OBSERVATIONS											1658	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13061
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43048, 23068
YEARS

YEARS

DCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED KNTS. DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	0	1.4	1.9	.2	.1							4.8	6.8
NNE	0	1.2	1.3									3.1	6.1
NE	0	1.9	1.3	.6	.2	.1						6.8	8.0
ENE	0	1.9	1.4	.4								4.4	6.4
E	1.9	2.3	2.0	.2								6.8	3.6
ESE	0	1.9	1.5	.1								3.3	4.9
SE	0	2.1	1.9	.1								3.7	3.8
SSE	0	2.0	2.0	.1								4.8	6.1
S	1.1	3.3	3.6	2.0	.1							10.2	7.6
SSW	0	1.3	1.6	.4								6.0	6.1
SW	0	1.9	2.1	1.4	.1							7.2	8.1
WSW	0	2.0	2.2	.7	.1							3.3	7.4
W	0	1.5	2.4	1.3	.2	.1						6.1	8.2
WNW	0	1.2	1.9	.2		.1						2.6	6.1
NW	0	1.1	1.9	.1	.1	.1						4.1	7.1
NNW	0	1.3	1.8	.2								3.0	3.9
VARBL													
CALM	X X X X X X X X X X X X											15.9	
	12.2	29.8	31.5	9.8	.9	.3						100.0	5.9
	TOTAL NUMBER OF OBSERVATIONS												1596

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1961
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

48-48, 53-68
YEARS

0CT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS/LSY

CONDITION

SPEED (KNTS.) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	2	1.7	2.0	4					1			4.4	7.3
NNE	5	9	14	2								3.0	6.6
NE	10	14	18	4	1							7.5	6.9
ENE	6	16	17	5								4.4	6.8
E	13	10	9	1								6.7	5.7
ESE	6	12	10	2								3.0	5.5
SE	10	14	14	4								5.0	5.5
SSE	7	12	16	4								5.2	6.4
S	9	17	15	5								10.6	7.6
SSW	7	16	11	0								6.6	8.2
SW	11	13	9	7								8.0	7.8
WSW	9	11	9	5								4.5	7.2
W	10	10	12	1								5.3	8.6
WNW	2	18	2	2					1			2.9	8.6
NW	9	10	3	6					1			4.0	6.8
NNW	4	12	1	5								3.4	7.2
VARBL													
CALA												15.3	
	11.8	24.8	33.3	9.9	1.1	2						100.0	6.0
	TOTAL NUMBER OF OBSERVATIONS											1717	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13861
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

42-42, 53-68
YEARS

YEARS

OCT
MONTH

0900-1100
HOURS-UT

ALL WEATHER
CLASS

CONDITION

SPEED KNTS. DIR	SPEED											%	MEAN WIND SPEED
	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56		
11	0	1.0	1.8	1.4	.1							4.9	8.5
11NE	0	1.1	2.4	.5								4.2	7.6
11NE	0	1.1	2.4	.4	.1							4.8	7.3
11NE	0	1.0	2.4	.7								4.4	8.0
11E	0	1.1	3.0	.6								3.9	7.3
11ESE	0	1.1	3.0	.5								3.3	6.9
11SE	0	1.1	3.0	.5								4.1	6.4
11SSE	0	1.1	3.0	.6	.1							4.3	7.3
11S	0	2.2	3.1	1.2	.2	.1	.1					10.9	8.5
11SSW	0	2.2	3.4	2.7	.4	.1						9.9	9.0
11SW	0	1.1	3.0	3.1	.4	.1						9.1	9.7
11WSW	0	1.1	3.0	3.1	.6	.1						7.4	9.8
11W	0	1.1	3.0	3.2	.5	.1						8.3	9.6
11WNW	0	1.1	3.0	3.2	.4	.1						3.3	10.0
11NW	0	1.0	3.0	3.3	.2	.1						3.3	9.3
11NNW	0	1.0	3.0	3.3	.2							3.3	8.6
11VARBL													
11CALM												5.6	
	71.1	24.2	39.7	19.7	2.1	.8	.1					100.0	8.1
	TOTAL NUMBER OF OBSERVATIONS											1910	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1964
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-53, 53-66
YEARS

YEARS

EQT
MONTH

1200-1400
HOURS U.S.T.

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS.) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	°C	MEAN WIND SPEED
N	0.5	1.0	2.1	1.0	0.1							4.6	8.4
NNE	0.3	1.0	1.7	0.4	0.1							3.0	7.2
NE	0.4	1.2	2.2	0.6	0.1							5.2	7.7
ENE	0.1	0.5	1.4	0.7	0.1							2.7	9.0
E	0.5	1.3	2.4	1.2	0.1							4.3	6.7
ESE	0.3	1.7	4.4	1.4	0.1							1.5	6.1
SE	0.7	1.1	0.7	0.4	0.1							3.0	6.7
SSE	0.4	1.0	0.2	0.7	0.1							3.4	7.9
S	0.7	2.0	4.0	2.1	0.4			0.1				11.0	9.1
SSW	0.4	1.7	0.0	2.1	0.4							8.0	9.5
SW	0.7	2.1	4.4	3.0	0.5	0.1						11.5	9.7
WSW	0.2	1.1	2.1	3.4	0.7							7.1	10.6
W	0.8	1.8	4.4	3.1	0.9	0.2		0.1				11.1	10.2
WNW	0.6	1.2	2.9	1.0	0.9	0.1						6.7	10.8
NW	0.9	0.7	2.9	1.0	0.3	0.1						6.2	9.3
NNW	0.1	1.1	0.9	0.8	0.3	0.1						4.0	9.6
VAPBL													
CALM												4.7	
	7.2	20.0	38.3	23.8	9.8	0.5	0.1					100.9	8.7
	TOTAL NUMBER OF OBSERVATIONS											1925	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

42-48, 59-68
YEARS

YEARS

QCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED KNTS DIR	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED	
N	0.3	1.4	2.7	1.4	1																5.9	8.7	
NNE	0.3	1.1	1.4	1.4	1.4				1												3.2	7.1	
NE	0.3	1.1	1.4	1.4	1.4				1												3.5	7.4	
ENE	0.3	1.1	1.4	1.4	1.4				1												2.2	7.1	
E	0.3	1.1	1.4	1.4	1.4				1												4.6	6.2	
ESE	0.3	1.1	1.4	1.4	1.4				1												1.6	6.6	
SE	0.3	1.1	1.4	1.4	1.4				1												3.6	6.1	
SSE	0.3	1.1	1.4	1.4	1.4				1												4.0	7.3	
S	0.3	1.1	1.4	1.4	1.4				1												1.1	8.3	
SSW	0.3	1.1	1.4	1.4	1.4				1												8.3	8.6	
SW	0.3	1.1	1.4	1.4	1.4				1												9.6	9.0	
WSW	0.3	1.1	1.4	1.4	1.4				1												6.0	9.0	
W	0.3	1.1	1.4	1.4	1.4				1												10.7	10.0	
WNW	0.3	1.1	1.4	1.4	1.4				1												6.2	9.2	
NW	0.3	1.1	1.4	1.4	1.4				1												7.4	8.7	
NNW	0.3	1.1	1.4	1.4	1.4				1												4.9	8.5	
VARBL																							
CALM																						6.9	
	0.7	25.5	28.5	18.1	2.1																100.0	8.0	
	TOTAL NUMBER OF OBSERVATIONS																				2017		

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13861
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-48, 53-68
YEARS

YEARS

LCT
MONTH

1600-2000
HOURS-15 T

ALL WEATHER
CLASS

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N	1.0	2.9	2.5	.4	.1							7.0
NNE	1.0	1.3	1.6	.3								4.3
NE	1.0	1.0	2.2	.2								5.3
ENE	.5	1.0	1.1	.1								3.4
E	1.5	3.1	1.2	.0								2.9
ESE	.7	1.0	1.4									3.1
SE	.9	2.2	1.0	.1								4.4
SSE	.7	2.7	1.0	.1								4.6
S	1.7	4.2	2.6	1.0	.1	.0						9.7
SSW	.9	1.2	2.6	.3	.1	.0						3.9
SW	.6	2.1	2.2	.8		.0						6.0
WSW	.3	1.0	2.2	.2		.0						3.6
W	.9	1.8	2.2	1.0	.1	.0						7.1
WNW	.9	1.1	2.2	.1	.1	.0						4.3
NW	.7	1.4	1.9	.9	.1							4.7
NNW	.7	1.1	.9	.2	.1							3.2
JAPBL												
CATM												17.9
	14.0	32.0	28.0	9.0	.8	.2						100.0
												3.3
												17.9
												100.0
												3.3

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
STATION

WILMINGTON OHIO/CLINTON CG AFB
STATION NAME

43-43.33-68
EARS

LCT
MONTH

2100-2300
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED KNTS DIR	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N	7	11	10	10	4					1						7.0
NNE	6	11	10	10	4											7.0
NE	8	11	10	10	4											7.0
NENE	4	11	10	10	4											7.0
E	1	11	10	10	4											7.0
ESE	1	11	10	10	4											7.0
SE	1	11	10	10	4											7.0
SSE	1	11	10	10	4											7.0
<	1	11	10	10	4											7.0
SSW	1	11	10	10	4											7.0
SW	1	11	10	10	4											7.0
WSW	1	11	10	10	4											7.0
W	1	11	10	10	4											7.0
WNW	1	11	10	10	4											7.0
NW	1	11	10	10	4											7.0
NNW	1	11	10	10	4											7.0
VARB.																7.0
CALM																7.0
	12.4	22.0	23.2	9.7	4.1											19.8
																100.0
																2093

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13861
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43 40 23 48
YEARS

YEARS

LCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS LIST

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	0	1.7	2.1	0.7	0.0	0.0						2.2	7.4
NNE	0	1.2	1.5	0.2	0.0	0.0						3.0	6.5
NE	0	1.2	3.0	0.5	0.0	0.0						6.2	7.2
ENE	0	1.2	1.2	0.4	0.0	0.0						3.0	7.1
E	1.1	2.3	2.0	0.2	0.0							3.8	5.9
ESE	0	1.4	0.8	0.1	0.0							3.0	5.5
SE	0	2.1	1.4	0.2	0.0							4.3	5.8
SSE	0	1.9	1.5	0.5	0.0							4.3	6.6
S	1.0	2.3	4.0	1.7	2.2	0.0	0.0					10.4	7.7
SSW		0	0	1.2	0.0	0.0						7.1	8.4
SW	0	1.2	3.0	2.0	2.2	0.0						8.2	8.6
WSW	0	1.1	2.1	1.1	0.3	0.0						3.9	8.6
W	0	1.1	2.0	1.7	0.3	0.0	0.0					7.2	8.9
WNW	0	1.1	1.6	0.8	0.3	1.1						4.1	8.8
W	0	1.1	1.3	0.9	0.0	0.0						2.2	8.1
NNW	0	1.1	1.3	0.4	0.2	0.0						3.5	7.7
ARBL													
ALM												12.4	
	10.0	24.1	22.7	12.8	2.0	0.4	0.0					100.0	6.7
TOTAL NUMBER OF OBSERVATIONS												14645	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1984

WILMINGTON OHIO/CLINTON CO AFB

43-49.53-66

YEARS

NDV
 MONTH

ALL WEATHER
 CLASS

0000-0200
 HOURS LST

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	7.0
NNE	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	7.0
NE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.2	5.7
ENE	1.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	7.2
E	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	7.1
ESE	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	7.1
SE	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	6.1
SSE	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	8.0
S	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	8.9
SSW	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	9.2
SW	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	10.2
WSW	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	10.9
W	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	9.7
WNW	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	9.2
NW	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	3.7
NNW	1.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	8.4
VARBL													
CALM												12.0	
	8.0	23.8	34.3	17.2	9.2	1.2	1.0					100.0	7.7
TOTAL NUMBER OF OBSERVATIONS												167	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13861
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-48, 53-68
YEARS

YEARS

12
MONTH

0300-0500
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.2	.7	.3	.1							2.8	7.0
NNE	.6	.6	.6									1.7	3.3
NE	.4	.2	.3	.1								3.0	6.1
ENE	.3	.0	.2	.2								3.6	7.4
E	.6	.0	.9	.7	.1							5.2	7.2
ESE	.5	.7	.2	.4								3.8	6.7
SE	.5	.4	.5	.2								3.6	6.6
SSE	.2	.1	.3	.6	.1							3.2	8.4
S	1.0	.3	.8	.5	.1	.2						12.0	8.6
SSW	.7	.2	.3	.2	.4	.1						8.2	9.0
SW	.4	.2	.0	.3	.7	.3						10.2	10.2
WSW	.4	.5	.7	.3	.9	.3						6.6	11.7
W	.4	.3	.2	.0	.8	.1						9.8	10.1
NW	.5	.3	.4	.2	.2	.1						4.8	9.1
NNW	.8	.9	.9	.1	.4	.1						6.4	8.6
NNW	.2	.0	.9	.9	.2	.1						3.4	9.8
VARBL													
CAIM												11.7	
	9.0	22.4	21.7	19.9	4.3	.9	.1					100.0	7.2
	TOTAL NUMBER OF OBSERVATIONS											1617	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13861
STATION

WILKINGTON OHIO/CLINTON CO AFB
STATION NAME

43-48, 53-68
YEARS

YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED KNTS, DIP	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	17	12	11	21								3.4	6.4
NNE	42	26	19	11								2.0	6.1
NE	27	17	16	24								2.6	6.1
ENE	17	11	14	14								3.3	6.6
E	19	14	14	14	1							4.2	6.8
ESE	12	13	16	22								3.3	7.3
SE	17	16	15	16	1	1						4.4	6.7
SSE	19	12	15	16	2	1						4.3	8.0
S	19	26	20	23	4	1						14.2	9.0
SSW	17	17	25	23	4							7.6	9.2
SW	18	19	20	20	5	1						10.2	9.5
WSW	15	16	10	21	7	2						7.1	10.4
W	11	20	14	14	7	2	1	1				9.9	9.5
WNW	13	12	12	9	2	2	1	1				4.4	8.6
NW	16	15	15	21	2	2						5.2	8.7
NNW	18	11	19	19	1							3.6	8.8
VARBL													
CALM												10.1	
	9.7	22.7	32.9	19.7	3.7	6.0	1.1	1.1				100.0	7.7
	TOTAL NUMBER OF OBSERVATIONS												1702

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13061
 STATION

WILMINGTON OHIO/CLINTON CO ARB
 STATION NAME

43-48, 53-66

YEARS

NOV
 MONTH

0900-1100
 HOURS U.S.T.

ALL WEATHER
 CLASS

CONDITION

SPEED KNTS DIR	SPEED CLASS														MEAN WIND SPEED		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56						
N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.4	7.7
NNE	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.4	6.7
NE	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3.5	7.3
ENE	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2.3	8.3
E	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4.3	6.7
ESE	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2.5	6.3
SE	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2.9	7.5
SSE	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4.1	10.1
S	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.7	9.7
SSW	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.7	10.7
SW	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2.0	11.4
WSW	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5.5	11.4
W	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10.3	12.1
WNW	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5.5	11.1
NW	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6.3	9.1
NNW	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4.2	8.7
VARBL	X														4.5		
CALM	X																
	6.7 17.2 26.0 24.9 8.6 1.2 1.1														100.0	9.5	
															TOTAL NUMBER OF OBSERVATIONS 1908		

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-48, 53-68
YEARS

YEARS

NOV
MONTH

1200-1400
HOURS-UT

ALL WEATHER
CLASS

CONDITION

SPEED KNTS. DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	4.6	7.1	6.0	2.2	2.2							2.3	8.5
NNE	3.0	4.5	3.9	1.1	1.1							2.0	8.0
NE	3.0	4.5	1.3	2.2	1.1							2.5	6.5
ENE	3.0	1.1	7.7	2.2	1.1							2.3	6.5
E	3.0	1.1	6.0	2.2	1.1							4.4	6.6
ESE	2.2	1.1	1.1	2.2	1.1							1.4	7.2
SE	2.2	1.1	4.4	2.2	1.1							2.3	7.6
SSE	2.2	1.1	1.1	2.2	1.1	1.1						3.4	9.8
S	2.2	1.1	3.9	2.2	1.1	2.2			1.1			10.4	10.9
SSW	2.2	1.1	3.9	2.2	1.1	2.2			1.1			11.9	11.5
SW	2.2	1.1	4.4	4.4	2.2	2.2						13.1	12.0
WSW	2.2	1.1	2.2	2.2	2.2	2.2						9.9	12.9
W	2.2	1.1	3.9	4.4	2.2	1.1	2.2					12.6	12.9
WNW	2.2	1.1	2.2	1.1	1.1	2.2						6.2	11.2
NW	2.2	1.1	2.2	2.2	1.1	1.1						7.4	9.9
NNW	2.2	1.1	1.1	2.2	1.1	1.1						2.3	8.9
VARBL													
CALM												3.3	
	9.4	14.5	32.2	27.7	12.1	2.5	2.2					100.0	10.4
													1917

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-48, 53-68
 YEARS

YEARS

NDV
 MONTH

1500-1700
 HOURS-151

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS., DIR)	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.3	5.1	6.5		1.1						2.7	7.4
NNE	4.7	1.8	7.9	5.2	1.1							2.3	7.9
NE	7.1	1.1	9.1	2.2								2.8	6.0
ENE	6.0	1.1	10.0	2.2								2.9	6.3
E	6.0	1.6	7.7	2.2								4.1	6.2
ESE	2.2	1.7	1.0	1.1	1.1	1.1						1.2	6.4
SE	2.2	1.2	1.0	1.1	1.1	1.1	1.1					2.4	6.3
SSE	2.2	1.1	2.2	1.7	2.2	1.1	1.1					2.8	8.7
S	7.1	2.5	4.9	2.0	6.6	1.1	1.1					11.8	2.5
SSW	2.2	2.0	3.3	3.1	7.7	1.1	1.1					9.2	10.1
SW	2.2	2.0	4.0	2.2	7.7	2.2	2.2					11.9	10.4
WSW	6.0	1.4	2.2	2.2	2.2	2.2	2.2					2.0	11.6
W	6.0	1.3	2.0	2.2	2.2	2.2	2.2	2.2				14.1	11.8
WNW	2.2	1.2	2.2	1.7	1.1	1.1	1.1	1.1				6.3	10.5
NW	2.2	1.4	2.2	2.0	1.1	1.1	1.1	1.1				7.2	9.6
NNW	2.2	1.0	2.2	2.0	1.1	1.1	1.1	1.1				4.0	8.1
VARBL													
CALM												4.2	
	7.7	21.7	32.1	24.0	7.2	1.9	1.1	1.1				100.0	9.2
	TOTAL NUMBER OF OBSERVATIONS											1968	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

18041
STATION

WILMINGTON OHIO/CLINTON CL AFB
STATION NAME

43-48, 52-68
YEARS

NOV
MONTH

1800-2000
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	SPEED													MEAN WIND SPEED
	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%		
N	0.7	0.9	0.8	0.4	0.1	0.1							2.7	7.6
NNE	0.7	1.1	0.8	0.4									2.7	5.7
NE	1.2	1.5	1.0	0.4									3.9	6.6
ENE	0.7	1.1	1.1	0.4									3.2	6.6
E	1.2	2.2	1.2	0.5									4.9	5.6
ESE	0.9	1.2	0.6	0.1									2.3	5.5
SE	0.9	1.8	1.8	0.2									4.5	6.2
SSE	0.9	1.7	1.6	0.6									4.6	7.3
S	1.7	4.5	5.2	0.6	0.1								13.7	7.5
SSW	0.7	1.5	2.2	2.2	0.2	0.1							7.7	8.9
SW	1.0	1.7	2.2	2.4	1.2	2.2	0.1						7.5	9.1
WSW	0.7	1.0	2.3	1.7	0.6	2.1	0.1						6.5	10.0
W	1.1	2.2	2.4	2.6	0.9	2.9							11.6	9.7
WNW	0.6	1.2	2.3	1.6	0.5	0.9							6.0	9.2
NW	0.5	1.2	2.9	1.9	0.4	0.4							5.5	8.9
NNW	0.6	1.0	1.1	0.7	0.3								2.7	8.8
VARBL													9.2	
CALM														
	12.7	26.3	30.9	16.2	3.3	0.9	0.2	0.1					100.0	7.3
	TOTAL NUMBER OF OBSERVATIONS												1968	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHBVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1961
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

42-40, 53-68
 YEARS

YEARS

NDV
 MONTH

2100-2300
 HOURS-YES T

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS.) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	5	0	9	4	1							2.0	7.3
NNE	4	1	2	1	1							2.2	5.5
NE	1	2	4	1	1							3.2	5.6
ENE	7	1	4	5								3.8	7.0
E	7	1	6	2								4.2	6.1
ESE	7	1	1	2								3.0	6.1
SE	9	1	1	2								3.5	6.4
SSE	6	1	2	2								3.6	7.2
S	1	2	4	1	1							1.2	6.2
SSW	7	1	3	2								6.9	9.0
SW	7	1	2	2								7.8	9.5
WSW	2	1	1	2								6.2	10.4
W	8	2	2	1								11.3	9.3
WNW	7	1	2	2								6.3	8.7
NW	5	1	1	1								5.5	10.1
NNW	5	1	1	1								3.5	8.3
VARBI	6	1	1	1								3.5	8.3
CALM												10.4	
	11.3	22.9	32.1	17.9	4.4	0.9	1.1					100.0	7.5
	TOTAL NUMBER OF OBSERVATIONS												1900

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13861
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-48-33-68
 YEARS

YEARS

NOV
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L'S T)

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	4.4	2.7	8.0	4.5	1.0	0.0						2.7	7.3
NNE	4.4	5.0	7.7	2.2	0.0							2.1	6.5
NE	0.0	1.4	1.1	2.2	0.0							3.1	6.1
ENE	0.0	1.1	1.5	4.4	0.0							2.2	7.0
E	7.7	1.7	1.7	3.3	0.0							4.5	6.5
ESE	0.0	1.0	1.9	2.2	0.0	0.0						2.5	6.8
SE	0.0	1.3	1.6	2.0	0.0	0.0						3.8	6.6
SSE	0.0	2.0	2.0	6.0	2.0	1.0	0.0					11.9	8.4
S	0.0	2.0	2.0	7.7	5.0	1.0	0.0					9.9	10.0
SSW	0.0	1.9	2.2	2.7	0.0	1.0	0.0					7.9	10.0
SW	0.0	1.3	2.8	4.4	1.0	1.0	0.0					10.6	10.5
WSW	0.0	1.1	2.9	3.3	1.1	3.0	0.0					7.6	11.3
W	0.0	1.8	2.9	3.3	1.1	4.0	1.0	0.0				11.6	10.8
WNW	0.0	1.4	2.0	2.5	0.0	1.0	1.0	0.0				5.7	9.8
NW	0.0	1.4	2.2	3.5	0.0	1.0	0.0	0.0				6.1	9.3
NNW	0.0	1.0	2.2	2.7	0.0	0.0	0.0	0.0				3.7	8.7
VARBL													
CALM												8.0	
	8.9	21.7	33.2	20.7	6.1	1.3	2.1	0.0				100.0	8.4
	TOTAL NUMBER OF OBSERVATIONS												14724

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13861

WILMINGTON OHIO/CLINTON CO AFB

43-48, 59-67

YEAR

DEC

MONTH

0000-0200
 HOURS-UT

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS): DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	0.2	1.4	1.8	0.9	0.2	0.1						5.3	7.9
NNE	0.2	0.9	0.8	0.5								2.3	7.7
NE	0.4	0.9	1.0	0.3	0.2							2.4	7.9
ENE	0.4	0.8	1.4	0.5	0.1							2.7	7.9
E	0.4	0.9	2.5	0.9								5.7	7.6
ESE	0.1	1.2	0.8	0.1								2.1	6.2
SE	0.1	0.7	1.3	0.5								2.6	7.1
SSE	0.3	1.0	1.6	0.2		0.1	0.1					2.8	8.1
S	0.9	2.4	2.4	2.2	0.4	0.1	0.1					11.8	8.6
SSW	0.3	1.2	4.2	2.0	0.2	0.1						8.8	8.9
SW	0.4	2.4	4.1	3.6	0.9	0.2						12.1	10.0
WSW	0.4	1.2	2.6	1.9	0.7	0.1						6.4	10.1
W	0.4	0.9	2.2	2.1	1.2	0.1						9.9	10.7
WNW	0.2	0.9	2.2	1.9	0.4							2.9	10.0
NW	0.2	2.0	1.8	2.0	0.8	0.1	0.1					7.0	10.2
NNW	0.2	0.7	1.0	0.7	0.2	0.1						2.7	9.2
VARBL													
CALM												7.3	
	6.4	21.7	27.2	21.0	5.4	0.8	0.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

1675

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13241
STATION

WILMINGTON OHIO/CLINTON CO 488
STATION NAME

43-48-59-67
YEARS

DEC
MONTH

0300-0500
HOURS U.T.

ALL WEATHER
CLASS

CONDITION

SPEED KNTS DIR	SPEED											MEAN WIND SPEED	
	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56		
N	4.4	0.0	2.5	0.7	0.2							4.7	8.3
NNE	2.4	0.0	1.4	0.0	0.0							2.0	6.7
NE	2.4	1.0	1.4	0.0	0.1							3.4	8.2
ENE	2.4	1.0	1.5	0.0	0.1							2.8	7.6
E	2.4	1.0	1.8	1.1	0.1							5.1	8.6
ESE	2.4	1.0	1.9	1.3	0.1							2.7	7.0
SE	2.4	1.0	1.6	1.4	0.0							3.5	6.9
SSE	2.4	1.0	1.3	1.6	0.0							3.2	7.0
S	2.4	2.0	2.1	2.0	0.0	0.1	0.1					12.2	8.7
SSW	2.4	2.0	2.1	2.2	0.0	0.1	0.1					10.0	9.4
SW	2.4	2.0	2.4	2.3	0.0	0.2	0.2					11.9	10.2
WSW	2.4	2.0	2.4	2.3	0.0	0.2	0.2					5.2	10.3
W	2.4	2.0	2.7	2.5	0.0	0.2	0.2					9.1	10.3
WNW	2.4	2.0	2.4	2.5	0.0	0.2	0.2					5.6	9.9
NW	2.4	2.0	2.1	2.4	0.0	0.2	0.2					7.4	10.4
NNW	2.4	2.0	2.2	2.4	0.0	0.1	0.1					2.0	9.3
VARBL													
CALM												8.2	
	0.9	21.7	65.9	21.0	2.5	0.7	0.1					100.0	8.4
	TOTAL NUMBER OF OBSERVATIONS											1584	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13881

WILMINGTON OHIO/CLINTON CG AFB

43-48, 53-67

YEARS

GEC
 MONTH

0600-0800
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	MEAN WIND SPEED
N	1.4	1.9	1.7	1.6	1.2	1.1						3.8
NNE	1.2	1.5	1.6	1.3	1.0	1.1						1.9
NE	1.4	1.6	1.4	1.7	1.4	1.3						7.3
NNE	1.2	1.8	1.3	1.4	1.4	1.4						7.7
E	1.4	1.1	1.6	1.4	1.3	1.3						7.5
ESE	1.2	1.9	1.5	1.4	1.3	1.3						8.9
SE	1.3	1.2	1.5	1.2	1.2	1.2						7.0
SSE	1.4	1.2	1.8	1.1	1.1	1.1						6.3
S	1.8	1.7	1.2	1.3	1.6	1.1						6.9
SSW	1.7	1.8	1.2	1.3	1.3	1.3						9.0
SW	1.0	1.1	1.2	1.2	1.3	1.3						9.2
WSW	1.0	1.1	1.1	1.0	1.0	1.0						10.4
W	1.7	1.2	1.2	1.2	1.2	1.2						10.3
WNW	1.4	1.1	1.1	1.1	1.1	1.1						2.3
NW	1.9	1.1	1.2	1.1	1.1	1.1						9.8
NNW	1.5	1.1	1.2	1.1	1.1	1.1						8.9
VARBL	1.5	1.1	1.2	1.1	1.1	1.1						8.6
ALLM												7.2
	8.5	21.7	35.6	20.7	5.6	1.7						100.0
												8.3
												1676

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13861
STATION

WILMINGTON OHIO/CLINTON CO AFB
CATION NAME

43-48, 53-67
YEARS

YEARS

DEC
MONTH

0900-1100
HOURS-UT

ALL WEATHER
CLASS

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	2	0	4	0	1							2.8	8.5
NNE	2	0	0	0	2							2.3	8.5
NE	0	0	1	0	0							3.0	8.0
ENE	1	0	1	0	1							2.5	9.2
E	4	3	2	7	1							4.2	7.9
ESE	2	2	0	0	1							3.2	7.9
SE	2	2	2	5	1							4.1	7.8
SSE	2	2	1	4	1							3.4	7.9
S	7	2	4	5	9	1						11.9	9.9
SSW	0	1	3	2	0	1						10.9	10.6
SW	0	1	3	4	0	0						13.3	11.2
WSW	0	1	7	4	5	2						8.3	10.3
W	0	0	0	0	0	0	1					11.8	10.7
WNW	2	0	2	0	7	1						2.6	10.6
NW	2	0	2	0	0	0						2.3	9.8
NNW	0	0	0	0	0	0						3.7	8.8
VARBL													
CALM												3.3	
	0.0	18.5	35.9	28.9	0.2	1.1	1.1					100.0	9.5
													1870

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13881
STATION

WILMINGTON OHIO/CLINTON CO AFB
SATION NAME

43-48, 53-67
YEARS

DEC
MONTH

1200-1400
HOURS TEST

ALL WEATHER
CLASS

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	2	7	12	5	1							2.7	8.0
NNE	2	6	7	5	1							2.1	8.6
NE	4	10	11	7	2							3.4	8.1
ENE	2	4	10	4	2							2.1	9.5
E	2	11	16	6								3.4	8.0
ESE	2	10	16	2								2.3	7.3
SE	4	7	20	7	1							3.8	7.9
SSE	1	2	7	2	1							3.2	7.9
S	2	9	23	16	6							10.3	10.7
SSW	1	2	3	4	3							9.8	11.5
SW	2	1	4	5	2							14.2	12.2
WSW	2	1	2	3	2							9.2	12.0
W	2	9	22	18	2							14.2	11.5
WNW	2	1	2	4	2							5.9	11.5
NW	2	3	2	2	7							6.6	10.3
NNW	3	2	1	1	1							3.7	9.8
VARBL													
CALM												2.1	
	27	166	394	316	95	20	1					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

1885

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13861 WILMINGTON OHIO/CLINTON CO AFB 48-48, 53-07 YEARS
 STATION NAME
 ALL WEATHER CLASS
 DEC MONTH
 1500-1700 HOURS (EST)

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	?	MEAN WIND SPEED
N	17	0	1	4	1								2.9
NNE	13	0	1	3	2								2.4
NE	13	2	1	7	2								3.7
ENE	11	1	1	6	1								2.9
E	13	6	1	5	1								2.8
ESE	13	1	1	8	1								2.2
SE	14	7	1	1									3.4
SSE	13	1	1	4	4								3.8
S	12	2	4	7	9	2							11.2
SSW	12	1	3	8	7	1							8.9
SW	15	1	4	4	9	2							11.9
WSW	14	1	6	7	7	2							7.9
W	14	2	7	5	7	6							12.3
WNW	14	7	2	1	1	1	1						6.3
NW	13	1	2	1	2	2							6.9
NNW	13	1	2	1	1	1							4.4
VARBL	0	0	1	2	1	1							2.7
CALM													2.7
	5.9	21.9	35.9	24.4	7.8	1.3	1.1						100.0
													9.4
													1937

USAF ETAC FORM 085 (OL) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-48, 53-67
YEARS

DEC
MONTH

1800-2000
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED KNTS, DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	4.0	1.2	1.0	3.0								2.9	6.8
NNE	6.0	7.2	1.0	3.0	2.2	2.0						2.9	8.1
NE	4.0	2.2	1.5	6.0	2.2	2.0						3.7	7.8
ENE	2.0	7.7	1.5	6.0	1.0							3.1	8.7
E	7.0	7.7	1.8	5.0								4.6	6.8
ESE	3.0	7.7	1.1	4.0	1.0							3.5	6.9
SE	6.0	8.8	1.4	1.5								3.9	6.0
SSE	2.0	8.8	1.7	1.5	1.0	1.0						4.7	7.2
S	6.0	9.5	4.3	2.1	6.0	1.0						10.2	9.1
SSW	4.0	4.4	4.4	1.0	4.0	1.0						8.3	9.0
SW	8.0	9.9	6.2	2.1	5.0	1.0						9.7	9.0
WSW	8.0	9.2	4.4	2.1	6.0	1.0						6.1	9.3
W	8.0	2.4	4.4	2.1	1.0	1.0						10.7	9.9
WNW	6.0	2.4	4.4	2.1	6.0	2.0						6.9	9.8
NW	7.0	2.1	2.2	1.1	6.0	2.0	1.0					7.0	9.2
NNW	7.0	2.1	2.2	1.1	6.0	2.0	1.0					2.9	9.0
VARBL	2.0	1.1	1.4	1.0	2.0	1.0						7.8	
CALM												7.8	
	8.2	29.2	33.2	17.5	5.1	4.0	1.0					100.0	8.0
TOTAL NUMBER OF OBSERVATIONS												193	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13891
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-48.53-07
 YEARS

YEARS

DEC
 MONTH

2100-2300
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	1.6	.5	.1	.1						3.9	7.7
NNE	.5	1.0	1.1	.6	.2	.2						3.1	9.1
NE	.2	1.1	1.0	.5	.2	.2						3.0	8.3
ENE	.2	1.0	1.9	.4	.1							3.3	7.9
E	.2	1.2	2.9	.3	.1							4.7	7.8
ESE	.2	1.5	1.9	.4								3.2	6.7
SE	.4	1.0	1.9	1.1								3.4	6.9
SSE	.5	1.5	2.1	.6								4.8	7.0
S	.6	1.5	3.8	2.6	.4	.2		.1				11.1	8.9
SSW	.4	1.8	3.4	2.0	.3	.2						7.8	9.6
SW	.4	1.9	4.4	2.3	.7	.1						10.4	9.4
WSW	.7	1.4	1.8	1.6	.9	.2						6.2	9.4
W	.7	2.0	2.3	1.6	.6	.1		.1				10.8	9.9
WNW	.5	1.1	2.2	1.0	.7	.1		.1				6.8	10.6
NW	.7	1.1	2.4	1.4	.9	.1						7.1	9.4
NNW	.4	1.8	1.2	1.9	.1							2.8	7.3
VARBL													
CALM												7.2	
	7.5	24.2	35.9	19.2	4.9	1.0	.2	.1				100.0	8.2
TOTAL NUMBER OF OBSERVATIONS												1927	

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43 APR 53-67
YEARS

YEARS

DEC
MONTH

ALL
HOURS (24)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	%													MEAN WIND SPEED
	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	°		
N	0.5	0.7	1.5	0.6	1.1	0.0							3.0	7.8
NNE	4.1	7.0	8.8	6.1	1.2	0.0							2.4	8.1
NE	2.3	1.0	1.4	6.1	2.1	0.0							3.5	8.0
ENE	2.2	7.7	1.3	5.1	1.1								2.7	8.4
E	4.4	6.4	1.0	10.1	1.1								4.5	7.8
ESE	2.2	6.5	9.1	3.1	0.0								2.8	6.9
SE	4.4	5.5	6.1	3.1	0.0								3.7	6.9
SSE	2.2	4.4	7.1	4.1	0.0	0.0							3.9	7.4
S	6.6	2.6	4.4	2.8	6.1	2.1	0.0						11.2	9.4
SSW	4.4	4.4	4.2	2.8	5.1	2.1	0.0						9.4	9.8
SW	7.7	4.4	2.1	2.8	1.1	2.1							11.2	10.5
WSW	3.3	2.2	2.1	2.1	1.1	2.1							6.9	10.3
W	6.6	2.1	2.9	3.7	1.1	2.1	0.0	0.0					11.6	10.5
WNW	4.4	1.0	1.1	1.7	0.0	1.1	0.0						6.0	10.5
NW	5.5	6.1	1.1	7.1	1.1	1.1	0.0						6.7	9.7
NNW	4.4	6.1	1.1	9.1	2.1	0.0							3.6	8.9
VARBL													5.6	
CALM													100.0	8.0
	6.6	21.9	35.7	22.2	6.2	1.1	1.1	1.1	0.0					
	TOTAL NUMBER OF OBSERVATIONS													14498

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13861
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

42-49.53-68
 YEARS

YEARS

ALL
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS U.S.T.

CONDITION

SPEED KNTS: DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	16	14	17	7	1	0	0					4.6	7.7
NNE	15	12	13	5	1	0		0				5.5	7.3
NE	16	17	20	6	1	0		0				5.1	7.3
ENE	14	13	17	6	1	0						4.1	7.8
E	10	11	21	6	1	0						3.6	6.9
ESE	12	13	10	3	0	0						3.9	6.4
SE	16	13	13	3	0	0						3.8	6.4
SSE	14	13	13	4	1	0		0				3.5	7.3
S	10	2	3	9	4	1		0				10.0	8.3
SSW	10	1	1	2	5	1		0				8.1	9.4
SW	17	1	3	4	5	1		0		0		9.1	9.5
WSW	14	1	3	6	5	1		0		0		6.2	9.9
W	7	1	1	2	9	3		0		0		9.4	10.3
WNW	13	1	9	3	2	1		0		0		4.9	10.4
NW	13	1	2	2	2	1		0				3.5	9.2
NNW	14	1	3	7	2	0		0				3.6	8.4
VARBL													
CALM												9.8	
	4.9	24.8	33.0	17.9	4.4	1.0	2.1	0.0	0.0	0.0	0.0	100.0	7.8
	TOTAL NUMBER OF OBSERVATIONS												17466

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-49, 53-68
YEARS

YEARS

ALL
MONTH

INSTRUMENT
CLASS

ALL
HOURS (L'S T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION
 ANQ/QR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNOTS, DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	2.7	1.6	.4	.1						6.5	9.2
NNE	1.4	1.9	1.7	1.0	.2	.0						4.3	9.1
NF	1.4	1.4	2.5	1.3	.3	.0						6.0	8.8
ENE	1.3	1.2	2.1	1.2	.1	.0						3.0	8.8
E	1.6	1.9	2.3	1.1	.1	.0						6.1	7.9
ESE	1.3	1.0	1.2	.5	.0	.0						2.9	7.7
SE	1.3	.9	1.2	.4	.1	.0						3.0	7.5
SSE	1.2	.7	1.0	.6	.1	.0						2.7	8.9
S	1.5	1.4	2.5	2.0	.4	.1	.0					6.9	9.5
SSW	1.4	1.9	2.1	1.7	.4	.1	.0					3.7	10.2
SW	1.5	1.3	2.6	2.2	.3	.1	.0					7.2	10.1
WSW	1.4	1.1	2.6	1.9	.7	.2	.0		.0			6.3	10.7
W	1.6	1.8	3.6	4.2	1.8	.2	.1	.0				12.8	11.8
WNW	1.3	1.0	1.9	2.0	.9	.2	.0	.0				6.4	11.4
NW	1.3	1.3	2.7	2.3	.8	.2	.0					7.7	10.3
NNW	1.2	1.1	2.0	1.2	.4	.1	.0					3.4	9.7
VARBL													
CALM												3.4	
	6.2	19.3	34.4	25.9	7.2	1.6	.3	.0	.0			100.0	9.3
	TOTAL NUMBER OF OBSERVATIONS											23523	

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 5	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq 5/16$	$\geq \frac{1}{4}$	≥ 0	
NO CEILING																
IV 1800																
IV 1500					91.0											92.6
IV 1200																
IV 1000																
IV 900																
IV 800																
IV 700																
IV 600																
IV 500										97.4						98.1
IV 400																
IV 300																
IV 200																
IV 100																
IV 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
 Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.4%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49, 54-61, 63-68
YEARS

JD
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (CST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.0	31.2	32.9	34.4	35.2	35.4	35.8	35.8	35.8	36.0	36.1	36.1	36.1	36.1	36.2	36.2
≥ 20000	17.9	36.4	39.0	41.0	42.0	42.1	42.7	42.7	42.7	43.0	43.1	43.1	43.1	43.1	43.2	43.2
IV 18000	17.9	36.6	39.1	41.1	42.1	42.3	42.8	42.8	42.8	43.1	43.3	43.3	43.3	43.3	43.3	43.3
≥ 6000	17.9	36.7	39.3	41.4	42.4	42.5	43.0	43.1	43.1	43.3	43.5	43.5	43.5	43.5	43.6	43.6
IV 14000	17.8	37.3	39.9	42.0	43.0	43.1	43.7	43.7	43.7	44.0	44.2	44.2	44.2	44.2	44.2	44.2
≥ 12000	17.9	38.1	40.7	43.0	44.2	44.3	44.8	44.8	44.9	45.2	45.4	45.4	45.4	45.4	45.4	45.4
IV 10000	18.3	39.3	42.0	44.3	45.7	45.8	46.3	46.6	46.6	46.9	47.0	47.0	47.0	47.0	47.1	47.1
≥ 9000	18.4	40.0	42.7	45.2	46.8	46.9	47.5	47.8	47.8	48.0	48.2	48.2	48.2	48.2	48.2	48.2
IV 8000	19.2	41.5	44.5	47.0	48.8	49.0	49.5	49.8	49.8	50.0	50.2	50.2	50.2	50.2	50.3	50.3
≥ 7000	19.6	42.9	45.8	48.7	50.7	50.8	51.4	51.7	51.7	51.9	52.1	52.1	52.1	52.1	52.2	52.2
IV 6000	19.7	43.7	46.7	49.6	51.6	51.8	52.4	52.7	52.7	52.9	53.1	53.1	53.1	53.1	53.1	53.1
≥ 5000	20.5	44.8	48.0	50.9	53.0	53.1	53.7	54.0	54.1	54.3	54.5	54.5	54.5	54.5	54.6	54.6
IV 4500	20.9	45.7	49.0	51.9	54.0	54.1	54.7	55.1	55.1	55.4	55.5	55.5	55.5	55.5	55.6	55.6
≥ 4000	20.9	46.7	50.1	53.3	55.7	55.8	56.4	56.8	56.9	57.1	57.3	57.3	57.3	57.3	57.4	57.4
IV 3500	21.0	47.4	51.1	54.7	57.2	57.3	57.9	58.3	58.3	58.6	58.8	58.8	58.8	58.8	58.9	58.9
≥ 3000	21.0	48.7	52.9	56.9	59.4	59.4	60.5	60.9	60.9	61.2	61.3	61.3	61.3	61.3	61.5	61.5
IV 2500	22.4	52.3	57.3	61.8	64.8	65.0	66.1	66.5	66.5	66.8	67.0	67.0	67.0	67.0	67.1	67.1
≥ 2000	23.5	55.7	61.3	66.5	70.4	70.6	71.8	72.2	72.2	72.5	72.7	72.7	72.7	72.7	72.9	72.9
IV 1800	23.5	56.1	61.8	66.9	71.0	71.2	72.4	72.8	72.8	73.1	73.3	73.3	73.3	73.3	73.5	73.5
≥ 1500	23.5	57.6	63.9	69.4	74.0	74.2	75.6	76.1	76.1	76.8	77.1	77.1	77.1	77.1	77.3	77.3
IV 1200	23.9	59.0	65.7	71.5	75.8	76.0	78.0	78.5	78.5	79.5	80.4	80.7	80.7	80.7	80.8	80.8
≥ 1000	23.9	59.5	66.7	72.6	78.0	78.7	80.8	81.6	81.6	82.8	83.1	83.1	83.1	83.1	83.4	83.4
IV 900	23.9	59.7	67.1	73.5	79.3	80.1	82.4	83.1	83.2	84.4	84.7	84.7	84.7	84.7	85.0	85.0
≥ 800	23.9	60.0	67.6	74.3	80.4	81.4	83.8	84.5	84.6	85.8	86.3	86.3	86.3	86.3	86.7	86.7
IV 700	24.0	60.1	67.9	74.8	81.1	82.2	84.7	85.3	85.6	86.8	87.3	87.3	87.3	87.3	87.8	87.8
≥ 600	24.0	60.3	68.2	75.5	82.3	83.3	85.9	86.7	87.0	88.5	89.5	89.5	89.5	89.5	90.6	90.7
IV 500	24.0	60.4	68.4	75.6	83.0	84.4	87.8	88.6	88.9	90.8	91.4	91.4	91.4	91.4	92.3	92.3
≥ 400	24.0	60.4	68.5	75.8	83.4	84.8	88.6	89.3	89.3	91.9	92.9	92.9	92.9	92.9	94.3	94.3
IV 300	24.0	60.4	68.6	76.0	83.8	85.3	89.3	90.2	90.3	92.8	94.0	94.2	94.2	94.2	95.6	95.6
≥ 200	24.0	60.4	68.6	76.0	83.8	85.3	89.3	90.2	90.3	93.0	94.4	94.6	94.6	94.6	96.0	96.0
IV 100	24.0	60.4	68.6	76.1	83.8	85.3	89.4	90.4	90.6	93.1	94.4	94.7	94.7	94.7	97.0	97.0
≥ 0	24.0	60.4	68.6	76.1	83.8	85.3	89.4	90.4	90.6	91.1	94.4	94.7	94.7	94.7	97.9	98.0

TOTAL NUMBER OF OBSERVATIONS 1671

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO APB
STATION NAME

44-49, 54-61, 65-68
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.3	24.4	30.1	33.1	31.8	32.2	32.6	32.6	32.6	32.6	32.8	32.8	32.9	32.9	32.9	33.0
≥ 20000	12.7	32.6	34.8	36.2	37.3	37.7	38.2	38.2	38.2	38.2	38.4	38.4	38.5	38.5	38.5	38.8
IV 18000	12.7	32.7	34.9	36.3	37.4	37.8	38.2	38.2	38.2	38.2	38.4	38.4	38.6	38.6	38.6	38.9
IV 16000	12.7	32.9	35.1	36.5	37.6	38.0	38.4	38.4	38.4	38.4	38.6	38.6	38.8	38.8	38.8	39.2
IV 14000	12.8	33.2	35.4	37.0	38.3	38.7	39.1	39.1	39.1	39.1	39.3	39.3	39.4	39.4	39.4	39.8
IV 12000	12.9	33.7	36.0	37.3	38.5	38.9	40.2	40.5	40.5	40.5	40.6	40.6	40.8	40.8	40.8	41.1
IV 10000	13.4	35.4	37.7	39.4	41.2	41.7	42.2	42.4	42.4	42.4	42.6	42.6	42.7	42.7	42.7	43.1
IV 9000	13.6	35.8	38.1	39.9	42.0	42.4	43.2	43.2	43.2	43.2	43.4	43.4	43.5	43.5	43.5	43.8
IV 8000	14.1	36.8	39.1	41.0	43.4	43.9	44.5	44.6	44.6	44.6	44.8	44.8	44.9	44.9	44.9	45.3
IV 7000	14.3	38.2	40.5	42.3	44.7	45.2	47.0	47.3	47.3	47.3	47.5	47.5	47.6	47.6	47.6	47.9
IV 6000	14.5	39.1	41.4	43.0	45.2	45.7	48.5	48.8	48.8	48.8	49.0	49.0	49.1	49.1	49.1	49.5
IV 5000	15.1	40.3	42.8	44.3	46.8	47.3	50.2	50.3	50.3	50.3	50.6	50.6	50.7	50.7	50.7	51.0
IV 4500	15.5	41.0	43.8	45.7	48.0	48.5	51.4	51.7	51.7	51.7	52.0	52.0	52.1	52.1	52.1	52.4
IV 4000	15.8	42.2	45.1	46.3	48.3	48.8	52.2	52.7	52.7	52.7	53.0	53.0	53.1	53.1	53.1	53.5
IV 3500	16.2	43.3	46.5	48.7	52.3	52.8	55.7	55.7	55.7	55.8	56.0	56.0	56.1	56.1	56.1	56.4
IV 3000	16.9	45.1	48.1	50.0	56.2	56.7	59.1	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.3
IV 2500	17.1	46.0	52.1	56.4	61.1	61.6	63.9	63.6	63.9	63.9	64.1	64.1	64.2	64.2	64.2	64.6
IV 2000	17.8	50.4	55.8	60.7	66.8	66.9	68.4	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.7
IV 1800	18.1	51.3	56.8	62.0	68.0	68.6	70.3	70.8	70.8	71.0	71.1	71.3	71.3	71.3	71.3	71.8
IV 1500	18.9	53.4	59.2	64.7	71.7	72.3	74.2	74.8	74.8	75.0	75.1	75.3	75.3	75.3	75.3	75.9
IV 1200	18.8	54.7	60.8	66.7	74.2	74.8	77.0	77.5	77.7	77.7	78.1	78.4	78.4	78.4	78.4	78.8
IV 1000	18.9	55.4	62.1	68.6	76.4	77.3	80.1	80.7	80.9	81.4	81.7	81.7	81.7	81.7	81.7	82.1
IV 900	18.9	55.6	62.4	68.9	77.4	78.1	81.0	81.7	81.9	82.3	82.6	82.6	82.6	82.6	82.6	83.1
IV 800	19.0	56.0	62.8	69.8	78.5	79.3	82.2	83.1	83.3	83.6	84.4	84.4	84.4	84.4	84.4	84.9
IV 700	19.0	56.1	63.1	70.2	79.2	80.0	83.1	84.0	84.2	84.8	85.3	85.3	85.3	85.3	85.3	85.8
IV 600	19.0	56.2	63.4	70.8	80.3	81.3	84.8	86.0	86.2	87.1	87.6	87.6	87.6	87.6	87.6	88.1
IV 500	19.0	56.6	63.9	71.3	81.2	82.2	85.0	87.3	87.7	88.9	89.6	89.6	89.6	89.6	89.6	90.8
IV 400	19.0	56.6	63.9	71.3	81.7	82.6	86.8	88.8	89.0	90.3	91.2	91.2	91.2	91.2	91.2	92.7
IV 300	19.0	56.6	64.1	71.8	82.3	83.3	87.5	89.3	89.7	91.2	92.3	92.3	92.3	92.3	92.3	94.0
IV 200	19.0	56.6	64.2	72.0	82.4	83.4	87.8	90.0	90.2	91.9	93.3	93.3	93.3	93.3	93.3	96.2
IV 100	19.0	56.6	64.2	72.0	82.4	83.4	87.9	90.2	90.4	92.0	93.7	93.7	93.7	93.7	93.7	97.4
IV 0	19.0	56.6	64.2	72.0	82.4	83.4	87.9	90.2	90.4	92.0	93.7	93.7	93.7	93.7	93.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1577

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

12841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49-54-01-63-68
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	4,8	20,8	23,4	25,6	27,0	27,2	27,5	27,8	27,8	28,0	28,2	28,2	28,4	28,4	28,4	28,4
IV 20000	10,2	23,7	25,3	27,4	29,5	29,6	29,4	29,7	29,7	30,2	30,4	30,4	30,6	30,7	30,7	30,7
IV 13000	10,2	23,7	29,4	31,5	33,5	33,8	34,4	34,7	34,7	35,2	35,4	35,4	35,6	35,7	35,7	35,7
IV 10000	10,2	23,9	29,4	31,5	33,7	33,8	34,6	34,9	34,9	35,3	35,6	35,6	35,7	35,8	35,8	35,9
IV 14000	10,3	26,2	29,9	32,0	34,3	34,3	35,2	35,5	35,5	36,0	36,2	36,2	36,4	36,5	36,5	36,5
IV 12000	11,0	27,4	31,0	33,4	35,8	36,1	37,0	37,4	37,4	38,1	38,4	38,4	38,6	38,6	38,6	38,7
IV 10000	11,9	29,3	33,4	36,2	38,6	38,9	39,9	40,4	40,4	41,3	41,6	41,6	41,7	41,8	41,8	41,9
IV 9000	11,6	29,8	33,8	36,7	39,3	39,6	40,7	41,2	41,2	42,1	42,3	42,3	42,5	42,6	42,6	42,6
IV 8000	12,2	30,7	35,0	38,0	40,8	41,1	42,2	42,6	42,6	43,5	43,8	43,8	44,0	44,0	44,0	44,1
IV 7000	12,4	31,3	35,7	39,0	41,9	42,2	43,4	44,0	44,0	44,9	45,1	45,1	45,3	45,3	45,3	45,4
IV 6000	12,8	32,3	36,9	40,4	43,5	44,0	45,1	45,9	45,9	46,8	47,0	47,0	47,2	47,2	47,2	47,3
IV 5000	13,6	33,7	38,4	42,3	45,6	46,2	47,4	48,1	48,1	49,0	49,3	49,3	49,5	49,5	49,5	49,6
IV 4500	13,8	34,1	38,9	42,9	46,2	46,8	48,1	48,9	48,9	49,8	50,1	50,1	50,3	50,3	50,3	50,4
IV 4000	13,8	35,2	40,2	44,1	47,8	48,5	49,9	50,8	50,8	51,7	52,0	52,0	52,2	52,2	52,2	52,3
IV 3500	14,0	36,6	41,9	45,9	49,9	50,5	52,0	52,9	52,9	53,9	54,1	54,1	54,2	54,4	54,4	54,5
IV 3000	14,4	38,2	43,6	48,0	52,3	53,1	54,7	55,7	55,7	56,7	56,9	56,9	57,1	57,2	57,2	57,3
IV 2500	14,8	40,1	46,0	50,8	55,5	56,3	58,2	59,5	59,5	60,5	60,8	60,8	61,0	61,1	61,1	61,2
IV 2000	15,7	43,2	50,0	55,0	60,3	61,2	63,3	64,7	64,7	65,9	66,2	66,2	66,5	66,6	66,6	66,8
IV 1800	15,8	43,5	50,7	55,5	61,4	62,3	64,5	66,0	66,0	67,2	67,6	67,6	67,8	68,0	68,0	68,1
IV 1500	16,3	45,3	52,9	58,4	64,4	65,5	68,0	69,8	69,8	71,2	71,7	71,7	72,0	72,1	72,1	72,3
IV 1200	16,5	47,0	55,0	61,3	68,1	69,3	72,3	74,1	74,1	75,6	76,1	76,1	76,4	76,5	76,5	76,7
IV 1000	16,6	47,7	56,2	63,3	70,8	72,2	75,6	77,6	77,6	79,1	79,6	79,6	80,1	80,2	80,4	80,5
IV 900	16,7	47,9	56,4	63,5	71,6	73,1	76,6	78,7	78,7	80,3	81,0	81,0	81,5	81,6	81,8	82,0
IV 800	16,9	48,1	57,1	64,4	72,9	74,4	78,1	80,4	80,4	82,2	83,0	83,0	83,5	83,7	83,8	84,0
IV 700	16,9	48,3	57,6	65,4	74,7	76,2	80,4	82,9	82,9	84,8	85,6	85,6	86,2	86,3	86,5	86,7
IV 600	17,0	48,7	58,4	66,3	76,0	77,8	82,3	84,9	84,9	86,9	87,8	87,8	88,4	88,5	88,7	88,9
IV 500	17,0	48,9	58,6	66,6	76,5	78,5	83,3	85,9	85,9	88,0	89,0	89,0	89,6	89,7	89,9	90,5
IV 400	17,0	48,9	58,6	66,6	76,5	78,5	83,3	85,9	85,9	88,0	89,0	89,0	89,6	89,7	89,9	90,5
IV 300	17,0	48,9	58,7	66,7	77,0	79,1	84,0	86,8	86,8	89,0	90,0	90,0	90,7	90,7	90,9	91,5
IV 200	17,0	48,9	58,7	66,8	77,2	79,3	84,4	87,3	87,3	89,5	90,5	90,5	91,2	91,2	91,4	92,0
IV 100	17,0	48,9	58,7	66,8	77,2	79,3	84,4	87,3	87,3	89,5	90,5	90,5	91,2	91,2	91,4	92,0
IV 0	17,0	48,9	58,7	66,8	77,2	79,3	84,4	87,3	87,3	89,5	90,5	90,5	91,2	91,2	91,4	92,0

TOTAL NUMBER OF OBSERVATIONS 1311

DATA PROCESSING DIVISION
 RTAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CD AFB
STATION NAME

44-49,54-68
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10,1	19,8	21,9	23,2	24,4	24,0	24,9	25,0	25,0	25,0	25,1	25,1	25,1	25,1	25,2	25,2
≥ 20000	13,7	26,9	30,3	32,0	34,0	34,2	34,9	35,3	35,4	35,6	35,7	35,7	35,8	35,8	35,9	36,0
IV 18000	13,7	26,9	30,3	32,0	34,0	34,2	34,9	35,3	35,4	35,6	35,7	35,7	35,8	35,8	36,0	36,0
IV 16000	13,7	26,9	30,3	32,0	34,0	34,2	34,9	35,3	35,4	35,6	35,7	35,7	35,8	35,8	36,0	36,0
IV 14000	13,9	27,3	30,6	32,4	34,4	34,7	35,4	36,0	36,1	36,3	36,4	36,4	36,5	36,5	36,6	36,7
IV 12000	14,7	28,9	32,4	34,6	36,9	37,2	38,0	38,6	38,8	39,0	39,1	39,1	39,2	39,3	39,4	39,5
IV 10000	15,2	30,2	34,0	36,5	39,1	39,3	40,4	41,2	41,4	41,6	41,8	41,8	41,9	41,9	42,0	42,1
IV 9000	15,5	30,8	34,5	37,3	39,9	40,3	41,5	42,1	42,3	42,6	42,7	42,7	42,8	42,8	42,9	43,0
IV 8000	16,1	32,4	36,1	38,9	41,9	42,2	43,2	44,2	44,5	44,7	44,8	44,8	45,0	45,0	45,1	45,2
IV 7000	16,2	33,0	36,9	39,8	42,8	43,2	44,4	45,4	45,7	46,0	46,1	46,1	46,2	46,2	46,3	46,4
IV 6000	16,8	33,5	37,8	40,7	43,8	44,2	45,5	46,6	46,9	47,2	47,3	47,3	47,4	47,4	47,5	47,6
IV 5000	16,9	34,4	38,7	42,2	45,3	45,8	47,1	48,2	48,6	48,9	49,0	49,0	49,1	49,1	49,2	49,3
IV 4500	17,2	35,2	39,5	43,0	46,4	46,9	48,3	49,4	49,7	50,0	50,1	50,1	50,2	50,2	50,4	50,5
IV 4000	17,3	36,1	40,5	44,3	47,7	48,2	49,6	50,7	51,0	51,3	51,4	51,4	51,5	51,5	51,7	51,7
IV 3500	17,4	36,9	41,4	45,2	49,0	49,5	51,0	52,1	52,4	52,7	52,8	52,8	52,9	52,9	53,1	53,1
IV 3000	17,6	37,9	42,0	47,2	51,6	52,1	53,6	54,7	55,0	55,3	55,4	55,4	55,5	55,5	55,7	55,7
IV 2500	18,0	39,3	45,0	49,7	53,9	54,4	56,3	57,6	57,9	58,3	58,5	58,5	58,7	58,7	58,8	58,9
IV 2000	19,6	43,1	49,2	54,6	59,2	59,9	62,0	63,5	63,8	64,3	64,7	64,7	64,8	64,8	65,0	65,0
IV 1800	19,7	43,7	50,0	55,7	60,4	61,0	63,3	64,8	65,1	65,7	66,0	66,0	66,2	66,2	66,3	66,4
IV 1500	20,2	45,2	52,1	58,2	63,8	64,5	67,4	69,0	69,4	70,2	70,5	70,5	70,8	70,8	71,0	71,0
IV 1200	20,9	46,9	54,0	60,7	67,1	68,1	71,1	73,0	73,5	74,7	75,2	75,2	75,6	75,6	75,8	75,8
IV 1000	20,9	47,4	55,2	62,3	69,2	70,0	74,0	76,3	76,9	78,4	78,9	79,3	79,3	79,6	79,6	79,6
IV 900	20,9	47,6	55,5	62,8	70,0	71,0	75,0	77,6	78,2	79,8	80,5	80,5	81,0	81,0	81,3	81,3
IV 800	21,1	47,9	56,2	63,7	71,2	72,6	76,1	79,0	79,6	81,5	82,2	82,3	82,8	82,8	83,2	83,2
IV 700	21,2	48,2	56,5	64,2	72,0	73,9	77,8	81,0	81,6	83,9	84,6	84,7	85,3	85,3	85,7	85,7
IV 600	21,3	48,3	56,9	64,8	72,8	74,7	78,8	82,4	83,0	85,9	86,5	86,6	87,6	87,6	87,8	87,8
IV 500	21,3	48,5	57,3	65,3	73,7	75,9	80,8	84,7	85,3	88,9	89,9	90,0	91,2	91,4	91,5	91,6
IV 400	21,3	48,5	57,4	65,8	74,2	76,6	81,6	85,7	86,4	90,0	91,7	91,7	93,2	93,4	93,6	93,6
IV 300	21,3	48,6	57,4	65,8	74,3	76,9	82,0	86,1	86,8	91,0	93,1	93,3	95,0	95,2	95,5	95,5
IV 200	21,3	48,6	57,4	65,8	74,3	76,9	82,3	86,4	87,1	91,4	93,8	94,0	96,1	96,3	97,1	97,8
IV 100	21,3	48,6	57,4	65,8	74,3	76,9	82,3	86,4	87,1	91,6	94,1	94,4	96,5	96,8	97,8	98,3
IV 0	21,3	48,6	57,4	65,8	74,3	76,9	82,3	86,4	87,1	91,6	94,1	94,4	96,5	96,8	97,8	100,0

TOTAL NUMBER OF OBSERVATIONS 1873

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49-54-68
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13,3	21,0	23,0	24,3	24,7	24,7	24,9	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0
≥ 20000	20,0	33,1	35,9	37,3	38,4	38,5	38,9	39,0	39,0	39,0	39,0	39,0	39,0	39,0	39,0	39,0
IV 18000	20,1	33,2	36,0	37,4	38,5	38,6	39,0	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1
IV 16000	20,1	33,2	36,1	37,3	38,6	38,8	39,3	39,4	39,4	39,4	39,4	39,4	39,4	39,4	39,4	39,4
IV 14000	20,3	33,6	36,7	38,1	39,3	39,6	40,2	40,2	40,2	40,2	40,2	40,2	40,2	40,2	40,2	40,2
IV 12000	21,0	35,7	38,7	40,6	41,9	42,2	42,6	42,7	42,7	42,7	42,7	42,7	42,7	42,7	42,7	42,7
IV 10000	21,7	37,6	41,0	43,2	44,6	44,9	45,5	45,6	45,6	45,6	45,6	45,6	45,6	45,6	45,6	45,6
IV 9000	21,9	38,0	41,3	43,5	45,1	45,5	46,0	46,1	46,1	46,2	46,2	46,2	46,2	46,2	46,2	46,2
IV 8000	22,3	39,9	43,3	45,7	47,4	47,7	48,2	48,4	48,4	48,4	48,4	48,4	48,4	48,4	48,4	48,4
IV 7000	22,6	40,3	43,8	46,2	48,2	48,5	49,2	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3
IV 6000	22,8	40,8	44,2	46,8	48,9	49,2	49,9	50,0	50,0	50,1	50,1	50,1	50,1	50,1	50,1	50,1
IV 5000	23,0	41,3	45,1	47,8	50,0	50,4	51,1	51,3	51,3	51,4	51,4	51,4	51,4	51,4	51,4	51,4
IV 4500	23,2	42,0	45,7	48,4	50,6	51,0	51,8	51,9	51,9	52,0	52,0	52,0	52,0	52,0	52,0	52,0
IV 4000	23,6	42,5	46,3	49,0	51,2	51,7	52,4	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6
IV 3500	24,0	43,3	47,3	50,3	52,4	52,8	53,7	53,9	53,9	54,0	54,0	54,0	54,0	54,0	54,0	54,0
IV 3000	24,4	44,9	49,0	51,8	54,3	54,8	55,6	56,0	56,0	56,1	56,1	56,1	56,1	56,1	56,1	56,1
IV 2500	26,0	48,1	52,7	55,8	58,6	59,3	60,3	60,6	60,7	60,8	60,8	60,8	60,8	60,8	60,8	60,8
IV 2000	27,7	51,9	57,3	61,0	64,5	65,1	66,4	66,8	66,8	67,0	67,1	67,1	67,1	67,1	67,1	67,1
IV 1800	28,1	53,3	59,2	63,1	66,3	67,1	68,3	68,9	69,0	69,2	69,3	69,3	69,3	69,3	69,3	69,3
IV 1500	28,7	54,8	61,3	65,3	69,3	70,2	71,9	72,5	72,7	73,1	73,4	73,4	73,4	73,4	73,4	73,4
IV 1200	29,0	56,4	63,6	68,1	72,2	73,4	74,4	76,4	77,1	77,4	77,8	78,2	78,2	78,2	78,2	78,2
IV 1000	29,0	57,2	64,9	70,1	75,9	77,4	78,1	80,1	81,1	82,3	82,3	82,8	82,8	82,8	82,8	82,8
IV 900	29,0	57,3	65,1	70,3	76,6	78,3	79,3	81,2	82,3	83,5	83,5	84,3	84,3	84,6	84,7	84,7
IV 800	29,2	57,7	65,7	71,2	77,7	79,3	80,3	82,3	83,2	84,5	84,5	85,9	85,9	86,6	86,9	86,9
IV 700	29,2	57,8	65,9	71,5	78,3	80,3	81,3	83,6	84,4	85,8	85,8	87,3	87,3	88,3	88,6	88,6
IV 600	29,2	58,0	66,2	72,2	79,3	81,3	82,3	84,9	85,7	87,0	87,3	89,4	89,4	90,3	90,3	90,3
IV 500	29,2	58,1	66,3	72,5	80,0	82,3	83,3	86,1	86,9	88,7	88,7	91,0	91,0	92,2	92,2	92,2
IV 400	29,2	58,2	66,6	72,8	80,3	82,3	83,3	86,2	87,2	89,2	89,2	92,3	92,3	93,8	93,8	93,8
IV 300	29,2	58,3	66,6	72,9	80,6	83,2	84,2	87,4	88,4	90,0	90,3	93,2	93,2	95,0	95,0	95,0
IV 200	29,2	58,3	66,6	72,9	80,6	83,2	84,2	87,6	88,6	90,3	90,9	93,9	93,9	95,6	95,6	95,6
IV 100	29,2	58,3	66,6	72,9	80,6	83,2	84,2	87,6	88,6	90,3	90,9	93,9	93,9	95,7	95,7	95,7
0	29,2	58,3	66,6	72,9	80,6	83,2	84,2	87,6	88,6	90,3	90,9	93,9	93,9	95,7	95,7	95,7

TOTAL NUMBER OF OBSERVATIONS 1881

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHBVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 WILMINGTON OHIO/CLINTON CO AFB

44-49,54-68

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	15,0	24,5	26,2	26,9	27,1	27,2	27,3	27,3	27,3	27,3	27,3	27,3	27,3	27,3	27,3	27,3
≥ 2000	23,0	37,2	39,9	41,4	41,9	41,9	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
IV 18000	23,0	37,3	40,1	41,3	42,0	42,1	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2
IV 16000	23,0	37,3	40,1	41,3	42,1	42,2	42,4	42,4	42,4	42,4	42,4	42,4	42,4	42,4	42,4	42,4
IV 14000	23,3	37,9	40,7	42,3	42,9	43,1	43,3	43,3	43,3	43,3	43,3	43,3	43,3	43,3	43,3	43,3
IV 12000	24,8	40,3	43,7	45,7	46,6	46,7	46,9	46,9	46,9	46,9	46,9	46,9	46,9	46,9	46,9	46,9
IV 10000	25,7	42,5	45,9	48,0	49,1	49,3	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4
IV 9000	25,9	42,8	46,3	48,6	49,7	49,9	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
IV 8000	26,1	44,4	48,5	50,7	52,0	52,4	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6
IV 7000	26,7	45,1	49,3	51,8	53,3	53,6	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0
IV 6000	26,8	45,7	50,1	52,7	54,4	54,8	55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0
IV 5000	27,1	47,1	51,5	54,2	56,1	56,5	56,7	56,7	56,7	56,7	56,7	56,7	56,7	56,7	56,7	56,7
IV 4500	27,4	47,4	51,9	54,9	56,5	57,0	57,1	57,2	57,2	57,2	57,2	57,2	57,2	57,2	57,2	57,2
IV 4000	27,4	48,4	53,1	55,9	57,9	58,3	58,5	58,6	58,6	58,6	58,6	58,6	58,6	58,6	58,6	58,6
IV 3500	28,3	49,6	54,6	57,4	59,4	59,9	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2
IV 3000	29,4	51,1	56,2	59,2	61,4	61,9	62,2	62,3	62,3	62,3	62,3	62,3	62,3	62,3	62,3	62,3
IV 2500	30,4	52,4	59,0	62,2	65,0	65,6	66,1	66,4	66,4	66,4	66,4	66,4	66,4	66,4	66,4	66,4
IV 2000	31,0	53,0	62,0	66,2	69,4	70,1	71,1	71,4	71,4	71,4	71,4	71,4	71,4	71,4	71,4	71,4
IV 1800	31,1	53,3	62,6	66,9	70,3	71,1	72,1	72,3	72,3	72,3	72,3	72,3	72,3	72,3	72,3	72,3
IV 1500	31,8	57,3	64,0	69,0	73,1	74,0	75,2	75,6	75,6	75,6	75,6	75,6	75,6	75,6	75,6	75,6
IV 1200	32,1	58,3	65,3	71,0	75,3	77,0	78,6	79,4	79,4	79,4	79,4	79,4	79,4	79,4	79,4	79,4
IV 1000	32,2	58,9	66,1	72,0	77,4	79,0	81,4	82,4	82,4	82,4	82,4	82,4	82,4	82,4	82,4	82,4
IV 900	32,3	59,2	66,3	72,6	78,2	79,9	82,6	83,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3
IV 800	32,4	59,4	66,9	73,2	79,2	81,1	84,1	85,4	85,4	85,4	85,4	85,4	85,4	85,4	85,4	85,4
IV 700	32,4	59,6	67,2	73,7	80,0	82,1	85,4	86,9	86,9	86,9	86,9	86,9	86,9	86,9	86,9	86,9
IV 600	32,4	59,7	67,3	74,2	80,7	82,9	86,7	88,3	88,3	88,3	88,3	88,3	88,3	88,3	88,3	88,3
IV 500	32,4	59,9	67,4	74,9	81,0	83,3	87,6	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
IV 400	32,4	59,9	67,6	74,9	81,2	83,6	87,9	89,9	89,9	89,9	89,9	89,9	89,9	89,9	89,9	89,9
IV 300	32,4	59,9	67,6	74,9	81,4	83,7	88,3	90,2	90,2	90,2	90,2	90,2	90,2	90,2	90,2	90,2
IV 200	32,4	59,9	67,6	74,9	81,4	83,9	88,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3
IV 100	32,4	59,9	67,6	74,9	81,4	83,9	88,3	90,3	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1
0	32,4	59,9	67,6	74,9	81,4	83,9	88,3	90,3	91,1	94,3	94,3	94,3	94,3	94,3	94,3	94,3

TOTAL NUMBER OF OBSERVATIONS 1935

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBREVILLE, N. C. 2802

CEILING VERSUS VISIBILITY

18841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49,54-60
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	19,0	30,7	31,1	34,9	35,5	35,5	35,5	35,7	35,7	35,8	35,8	35,8	35,8	35,8	35,8	35,8
≥ 20000	23,9	40,1	42,4	48,8	46,6	46,6	46,6	46,8	46,8	46,9	46,9	46,9	46,9	46,9	46,9	46,9
IV 18000	23,9	40,1	42,4	48,8	46,6	46,6	46,6	46,8	46,8	46,9	46,9	46,9	46,9	46,9	46,9	46,9
IV 16000	23,9	40,1	42,4	48,8	46,6	46,6	46,6	46,8	46,8	46,9	46,9	46,9	46,9	46,9	46,9	46,9
IV 14000	23,9	40,1	42,4	48,8	46,6	46,6	46,6	46,8	46,8	46,9	46,9	46,9	46,9	46,9	46,9	46,9
IV 12000	23,9	40,1	42,4	48,8	46,6	46,6	46,6	46,8	46,8	46,9	46,9	46,9	46,9	46,9	46,9	46,9
IV 10000	23,9	40,1	42,4	48,8	46,6	46,6	46,6	46,8	46,8	46,9	46,9	46,9	46,9	46,9	46,9	46,9
IV 9000	23,9	40,1	42,4	48,8	46,6	46,6	46,6	46,8	46,8	46,9	46,9	46,9	46,9	46,9	46,9	46,9
IV 8000	26,1	46,7	50,9	54,2	55,4	55,5	55,5	55,8	55,8	55,9	55,9	56,0	56,0	56,0	56,0	56,0
IV 7000	26,1	46,7	50,9	54,2	55,4	55,5	55,5	55,8	55,8	55,9	55,9	56,0	56,0	56,0	56,0	56,0
IV 6000	27,1	49,0	53,2	56,9	58,2	58,4	58,5	58,9	58,9	59,0	59,0	59,1	59,1	59,1	59,1	59,1
IV 5000	27,1	49,0	53,2	56,9	58,2	58,4	58,5	58,9	58,9	59,0	59,0	59,1	59,1	59,1	59,1	59,1
IV 4500	27,1	49,0	53,2	56,9	58,2	58,4	58,5	58,9	58,9	59,0	59,0	59,1	59,1	59,1	59,1	59,1
IV 4000	28,1	51,3	55,0	60,0	61,6	60,6	60,7	61,1	61,1	61,2	61,2	61,2	61,3	61,3	61,3	61,3
IV 3500	28,1	51,3	55,0	60,0	61,6	60,6	60,7	61,1	61,1	61,2	61,2	61,2	61,3	61,3	61,3	61,3
IV 3000	28,1	51,3	55,0	60,0	61,6	60,6	60,7	61,1	61,1	61,2	61,2	61,2	61,3	61,3	61,3	61,3
IV 2500	29,1	53,7	58,9	63,2	65,4	63,8	64,1	64,5	64,5	64,6	64,6	64,6	64,7	64,7	64,7	64,7
IV 2000	29,1	53,7	58,9	63,2	65,4	63,8	64,1	64,5	64,5	64,6	64,6	64,6	64,7	64,7	64,7	64,7
IV 1800	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 1500	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 1200	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 1000	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 900	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 800	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 700	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 600	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 500	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 400	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 300	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 200	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 100	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3
IV 0	30,0	55,8	61,1	66,6	68,9	67,3	67,7	68,1	68,1	68,2	68,2	68,2	68,3	68,3	68,3	68,3

TOTAL NUMBER OF OBSERVATIONS 1927

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 WILMINGTON OHIO/CLINTON CO AFB 44n49,54n68 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38,9	32,1	34,2	35,8	36,5	36,5	36,7	36,7	36,7	36,7	36,8	36,8	36,9	36,9	36,9	36,9
≥ 20000	22,5	40,6	42,3	42,4	46,3	46,3	46,5	46,5	46,5	46,5	46,6	46,6	46,8	46,8	46,8	46,8
IV 18000	22,5	40,6	43,3	43,4	46,3	46,3	46,5	46,5	46,5	46,5	46,6	46,6	46,8	46,8	46,8	46,8
IV 16000	22,5	40,6	43,3	43,4	46,3	46,3	46,5	46,5	46,5	46,5	46,6	46,6	46,8	46,8	46,8	46,8
IV 14000	22,5	40,6	43,3	43,4	46,3	46,3	46,5	46,5	46,5	46,5	46,6	46,6	46,8	46,8	46,8	46,8
IV 12000	22,5	40,6	43,3	43,4	46,3	46,3	46,5	46,5	46,5	46,5	46,6	46,6	46,8	46,8	46,8	46,8
IV 10000	24,2	44,2	47,3	49,3	50,8	50,8	51,0	51,1	51,1	51,2	51,3	51,3	51,5	51,5	51,5	51,5
IV 9000	24,2	44,2	47,3	49,3	50,8	50,8	51,0	51,1	51,1	51,2	51,3	51,3	51,5	51,5	51,5	51,5
IV 8000	25,2	46,9	50,1	52,6	54,0	54,0	54,2	54,4	54,4	54,5	54,6	54,6	54,7	54,7	54,7	54,7
IV 7000	25,2	46,9	50,1	52,6	54,0	54,0	54,2	54,4	54,4	54,5	54,6	54,6	54,7	54,7	54,7	54,7
IV 6000	25,9	48,2	51,7	54,6	56,0	56,0	56,3	56,5	56,5	56,6	56,6	56,6	56,8	56,8	56,8	56,8
IV 5000	25,9	48,2	51,7	54,6	56,0	56,0	56,3	56,5	56,5	56,6	56,6	56,6	56,8	56,8	56,8	56,8
IV 4500	27,0	50,2	54,0	57,0	58,7	58,7	59,0	59,2	59,2	59,3	59,4	59,4	59,5	59,5	59,5	59,5
IV 4000	27,0	50,2	54,0	57,0	58,7	58,7	59,0	59,2	59,2	59,3	59,4	59,4	59,5	59,5	59,5	59,5
IV 3500	27,7	51,3	55,0	58,8	60,4	60,4	60,8	61,0	61,0	61,1	61,1	61,1	61,3	61,3	61,3	61,3
IV 3000	27,7	51,3	55,0	58,8	60,4	60,4	60,8	61,0	61,0	61,1	61,1	61,1	61,3	61,3	61,3	61,3
IV 2500	28,8	54,0	57,0	60,3	62,2	62,2	62,5	62,7	62,7	62,8	63,0	63,0	63,1	63,1	63,1	63,1
IV 2000	28,8	54,0	57,0	60,3	62,2	62,2	62,5	62,7	62,7	62,8	63,0	63,0	63,1	63,1	63,1	63,1
IV 1800	30,1	60,9	66,6	71,1	73,8	73,8	75,1	75,5	75,5	75,6	75,9	75,9	76,1	76,1	76,1	76,1
IV 1500	30,1	60,9	66,6	71,1	73,8	73,8	75,1	75,5	75,5	75,6	75,9	75,9	76,1	76,1	76,1	76,1
IV 1200	30,4	62,3	69,1	74,2	77,8	77,8	79,3	79,5	79,5	79,6	79,9	79,9	80,0	80,0	80,0	80,0
IV 1000	30,4	62,3	69,1	74,2	77,8	77,8	79,3	79,5	79,5	79,6	79,9	79,9	80,0	80,0	80,0	80,0
IV 900	30,6	63,8	70,3	76,1	80,6	80,6	82,3	82,4	82,4	82,5	82,8	82,8	83,0	83,0	83,0	83,0
IV 800	30,6	63,8	70,3	76,1	80,6	80,6	82,3	82,4	82,4	82,5	82,8	82,8	83,0	83,0	83,0	83,0
IV 700	30,7	64,0	71,5	77,6	83,0	83,0	84,9	85,0	85,0	85,1	85,4	85,4	85,6	85,6	85,6	85,6
IV 600	30,7	64,0	71,5	77,6	83,0	83,0	84,9	85,0	85,0	85,1	85,4	85,4	85,6	85,6	85,6	85,6
IV 500	30,7	64,2	72,1	78,3	84,6	84,6	86,7	86,7	86,7	86,8	87,1	87,1	87,3	87,3	87,3	87,3
IV 400	30,7	64,2	72,1	78,3	84,6	84,6	86,7	86,7	86,7	86,8	87,1	87,1	87,3	87,3	87,3	87,3
IV 300	30,7	64,3	72,3	79,0	85,1	85,1	87,4	87,4	87,4	87,5	87,8	87,8	88,0	88,0	88,0	88,0
IV 200	30,7	64,3	72,3	79,0	85,1	85,1	87,4	87,4	87,4	87,5	87,8	87,8	88,0	88,0	88,0	88,0
IV 100	30,7	64,5	72,5	79,3	85,8	85,8	88,3	88,3	88,3	88,4	88,7	88,7	89,0	89,0	89,0	89,0
0	30,7	64,5	72,5	79,3	85,8	85,8	88,3	88,3	88,3	88,4	88,7	88,7	89,0	89,0	89,0	89,0

TOTAL NUMBER OF OBSERVATIONS 1930

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 STATION WILMINGTON DRID/CLINTON CO AFB 44-49,54-68 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.1	26.1	28.2	29.8	30.3	30.4	30.6	30.7	30.7	30.8	30.9	30.9	30.9	30.9	30.9	30.9
IV 20000	18.2	34.2	37.2	39.0	40.2	40.3	40.7	40.8	40.8	41.0	41.1	41.1	41.1	41.1	41.2	41.2
IV 18000	18.2	34.3	37.2	39.0	40.2	40.4	40.7	40.9	40.9	41.0	41.1	41.1	41.1	41.2	41.2	41.3
IV 16000	18.2	34.4	37.3	39.2	40.4	40.5	40.9	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.4	41.5
IV 14000	18.4	34.8	37.8	39.7	40.9	41.1	41.5	41.6	41.7	41.8	41.9	41.9	42.0	42.0	42.0	42.0
IV 12000	19.0	36.3	39.4	41.6	43.0	43.2	43.6	43.9	43.9	44.1	44.2	44.2	44.2	44.3	44.3	44.3
IV 10000	19.8	38.1	41.4	43.9	45.5	45.7	46.2	46.5	46.5	46.7	46.8	46.8	46.9	46.9	46.9	46.9
IV 9000	20.0	38.7	42.0	44.5	46.3	46.5	47.0	47.3	47.3	47.5	47.6	47.6	47.7	47.7	47.7	47.8
IV 8000	20.6	40.1	43.7	46.3	48.2	48.5	49.0	49.3	49.3	49.5	49.6	49.6	49.7	49.7	49.7	49.8
IV 7000	20.8	41.0	44.7	47.3	49.6	49.8	50.4	50.8	50.8	51.0	51.1	51.1	51.2	51.2	51.2	51.3
IV 6000	21.1	41.8	45.5	48.5	50.7	51.0	51.6	52.0	52.0	52.2	52.3	52.3	52.4	52.4	52.4	52.5
IV 5000	21.6	42.8	46.7	49.6	52.2	52.5	53.2	53.6	53.6	53.8	53.9	53.9	54.0	54.0	54.0	54.1
IV 4500	21.8	43.4	47.4	50.7	53.0	53.4	54.1	54.5	54.5	54.7	54.9	54.9	54.9	54.9	55.0	55.0
IV 4000	22.2	44.3	48.6	51.9	54.5	54.8	55.5	56.0	56.0	56.3	56.4	56.4	56.4	56.5	56.5	56.5
IV 3500	22.5	45.3	49.9	53.3	56.1	56.5	57.2	57.7	57.7	58.0	58.1	58.1	58.2	58.2	58.2	58.2
IV 3000	23.0	47.0	51.0	55.3	58.3	58.7	59.7	60.1	60.2	60.5	60.6	60.6	60.6	60.7	60.7	60.7
IV 2500	23.8	49.9	53.6	59.0	62.2	62.7	63.9	64.5	64.5	64.9	65.0	65.0	65.1	65.1	65.2	65.2
IV 2000	24.4	52.7	56.6	63.4	67.3	67.9	69.3	70.0	70.1	70.6	70.6	70.6	70.7	70.7	70.7	70.8
IV 1800	25.0	53.8	57.9	64.3	68.4	69.0	70.3	71.2	71.3	71.6	71.8	71.8	71.9	71.9	72.0	72.0
IV 1500	25.4	54.6	61.3	66.7	71.4	72.1	73.9	74.7	74.9	75.4	75.7	75.7	75.8	75.8	75.9	75.9
IV 1200	25.9	55.9	63.9	69.0	74.4	75.2	77.4	78.4	78.6	79.4	79.6	79.6	79.8	79.8	79.9	79.9
IV 1000	25.7	56.4	63.9	70.2	76.3	77.6	80.1	81.4	81.5	82.3	82.5	82.5	83.1	83.1	83.2	83.3
IV 900	25.7	56.6	64.2	70.7	77.1	78.4	81.2	82.6	82.6	83.9	84.2	84.3	84.6	84.6	84.6	84.7
IV 800	25.6	56.9	64.6	71.4	78.1	79.5	82.4	84.0	84.2	85.4	86.0	86.0	86.3	86.4	86.5	86.5
IV 700	25.9	57.0	64.9	71.7	78.7	80.3	83.5	85.1	85.3	86.8	87.3	87.4	87.8	87.8	87.9	88.0
IV 600	25.9	57.2	65.2	72.3	79.7	81.4	84.9	86.8	87.0	88.7	89.4	89.4	90.0	90.0	90.1	90.2
IV 500	25.9	57.4	65.5	72.7	80.4	82.3	86.1	88.2	88.4	90.3	91.4	91.4	92.1	92.2	92.3	92.4
IV 400	25.9	57.6	65.7	73.0	80.8	82.8	86.9	89.1	89.4	91.6	92.9	93.0	93.8	93.9	94.1	94.3
IV 300	25.9	57.6	65.7	73.1	81.0	83.1	87.3	89.7	90.0	92.6	94.1	94.2	95.1	95.1	95.3	95.4
IV 200	25.9	57.6	65.7	73.1	81.1	83.2	87.6	90.2	90.5	93.4	95.1	95.3	97.1	97.4	97.8	98.0
IV 100	25.9	57.6	65.7	73.2	81.1	83.2	87.6	90.2	90.6	93.4	95.1	95.3	97.1	97.4	97.8	98.0
IV 0	25.9	57.6	65.7	73.2	81.1	83.2	87.6	90.2	90.6	93.4	95.1	95.3	97.1	97.5	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 14474

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 WILMINGTON OHIO/CLINTON CU AFB

44-65,47-49,54-61,63-68

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	10.7	35.8	38.3	39.7	40.1	40.3	40.7	40.7	40.7	40.7	40.8	40.8	40.9	40.9	40.9	41.0
IV 20000	19.6	41.5	44.7	46.7	47.1	47.2	47.7	47.7	47.7	47.9	48.0	48.0	48.1	48.1	48.1	48.3
IV 18000	19.8	41.5	44.7	46.7	47.1	47.2	47.7	47.7	47.7	47.9	48.0	48.0	48.1	48.1	48.1	48.3
IV 16000	19.8	41.5	44.7	46.7	47.1	47.2	47.7	47.7	47.7	47.9	48.0	48.0	48.1	48.1	48.1	48.3
IV 14000	20.2	42.0	45.3	47.3	47.7	47.9	48.3	48.3	48.3	48.5	48.6	48.6	48.7	48.7	48.9	48.9
IV 12000	20.5	42.4	45.8	47.8	48.4	48.6	49.1	49.1	49.1	49.2	49.3	49.3	49.4	49.4	49.6	49.6
IV 10000	21.0	46.1	49.5	51.6	52.3	52.4	52.9	52.9	52.9	53.0	53.2	53.2	53.2	53.2	53.5	53.5
IV 9000	21.0	46.4	49.8	52.1	52.6	52.7	53.2	53.2	53.2	53.3	53.5	53.5	53.5	53.5	53.7	53.7
IV 8000	21.8	47.9	51.0	53.3	53.8	53.9	54.4	54.4	54.4	54.6	54.7	54.7	54.8	54.8	55.0	55.0
IV 7000	22.1	49.2	52.8	55.3	55.8	55.9	56.4	56.4	56.4	56.6	56.7	56.7	56.8	56.8	57.0	57.0
IV 6000	22.3	49.8	53.0	55.6	56.1	56.2	56.7	56.7	56.7	56.9	57.0	57.0	57.1	57.1	57.3	57.3
IV 5000	23.2	51.1	53.6	56.5	57.0	57.1	57.6	57.6	57.6	57.8	57.9	57.9	58.0	58.0	58.1	58.1
IV 4500	23.4	51.5	54.0	57.0	57.5	57.6	58.1	58.1	58.1	58.3	58.4	58.4	58.5	58.5	58.7	58.7
IV 4000	23.8	52.0	54.5	57.5	58.0	58.1	58.6	58.6	58.6	58.8	58.9	58.9	59.0	59.0	59.2	59.2
IV 3500	24.0	52.4	55.0	58.0	58.5	58.6	59.1	59.1	59.1	59.3	59.4	59.4	59.5	59.5	59.7	59.7
IV 3000	24.2	52.8	55.5	58.5	59.0	59.1	59.6	59.6	59.6	59.8	59.9	59.9	60.0	60.0	60.2	60.2
IV 2500	24.7	53.7	56.4	59.4	59.9	60.0	60.5	60.5	60.5	60.7	60.8	60.8	60.9	60.9	61.1	61.1
IV 2000	25.1	54.6	57.3	60.3	60.8	60.9	61.4	61.4	61.4	61.6	61.7	61.7	61.8	61.8	62.0	62.0
IV 1800	25.7	55.5	58.2	61.2	61.7	61.8	62.3	62.3	62.3	62.5	62.6	62.6	62.7	62.7	62.9	62.9
IV 1500	25.8	55.9	58.6	61.6	62.1	62.2	62.7	62.7	62.7	62.9	63.0	63.0	63.1	63.1	63.3	63.3
IV 1200	26.2	56.4	59.1	62.1	62.6	62.7	63.2	63.2	63.2	63.4	63.5	63.5	63.6	63.6	63.8	63.8
IV 1000	26.2	56.9	59.6	62.6	63.1	63.2	63.7	63.7	63.7	63.9	64.0	64.0	64.1	64.1	64.3	64.3
IV 900	26.2	57.4	60.1	63.1	63.6	63.7	64.2	64.2	64.2	64.4	64.5	64.5	64.6	64.6	64.8	64.8
IV 800	26.2	57.9	60.6	63.6	64.1	64.2	64.7	64.7	64.7	64.9	65.0	65.0	65.1	65.1	65.3	65.3
IV 700	26.2	58.4	61.1	64.1	64.6	64.7	65.2	65.2	65.2	65.4	65.5	65.5	65.6	65.6	65.8	65.8
IV 600	26.2	58.9	61.6	64.6	65.1	65.2	65.7	65.7	65.7	65.9	66.0	66.0	66.1	66.1	66.3	66.3
IV 500	26.2	59.4	62.1	65.1	65.6	65.7	66.2	66.2	66.2	66.4	66.5	66.5	66.6	66.6	66.8	66.8
IV 400	26.2	59.9	62.6	65.6	66.1	66.2	66.7	66.7	66.7	66.9	67.0	67.0	67.1	67.1	67.3	67.3
IV 300	26.2	60.4	63.1	66.1	66.6	66.7	67.2	67.2	67.2	67.4	67.5	67.5	67.6	67.6	67.8	67.8
IV 200	26.2	60.9	63.6	66.6	67.1	67.2	67.7	67.7	67.7	67.9	68.0	68.0	68.1	68.1	68.3	68.3
IV 100	26.2	61.4	64.1	67.1	67.6	67.7	68.2	68.2	68.2	68.4	68.5	68.5	68.6	68.6	68.8	68.8
IV 0	26.2	61.9	64.6	67.6	68.1	68.2	68.7	68.7	68.7	68.9	69.0	69.0	69.1	69.1	69.3	69.3

TOTAL NUMBER OF OBSERVATIONS 1448

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

19841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45-47-49-54-61-64-66-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13,8	33,9	36,4	38,2	38,9	39,0	39,2	39,2	39,2	39,2	39,3	39,3	39,3	39,3	39,3	39,4
≥ 20000	13,8	37,6	40,3	42,3	43,2	43,2	43,7	43,7	43,7	43,9	44,0	44,0	44,0	44,0	44,0	44,2
IV 18000	15,8	37,6	40,3	42,3	43,3	43,4	43,8	43,8	43,8	44,0	44,1	44,2	44,2	44,2	44,2	44,4
IV 16000	15,8	37,6	40,4	42,3	43,3	43,6	44,0	44,0	44,0	44,2	44,3	44,4	44,4	44,4	44,4	44,6
IV 14000	15,8	38,0	40,9	42,1	44,0	44,1	44,5	44,5	44,5	44,8	44,8	44,9	44,9	44,9	44,9	45,1
IV 12000	16,8	39,2	42,3	44,8	46,8	48,7	48,8	48,2	48,2	48,2	48,3	48,6	48,6	48,6	48,6	48,8
IV 10000	16,8	41,8	45,3	47,8	48,8	48,9	49,3	49,3	49,3	49,3	49,6	49,7	49,7	49,7	49,7	49,9
IV 9000	17,1	42,6	46,1	48,6	49,7	49,7	50,2	50,2	50,2	50,4	50,5	50,5	50,5	50,5	50,5	50,8
IV 8000	17,1	43,7	48,2	50,8	51,9	51,9	52,4	52,4	52,4	52,6	52,7	52,7	52,7	52,7	52,7	53,0
IV 7000	17,1	43,7	50,0	52,6	53,6	53,6	54,1	54,1	54,1	54,4	54,4	54,5	54,5	54,5	54,5	54,7
IV 6000	17,1	46,2	50,4	53,1	54,1	54,2	54,7	54,7	54,7	54,9	54,9	55,0	55,0	55,0	55,0	55,2
IV 5000	18,1	47,2	51,9	54,8	55,9	56,0	56,6	56,6	56,6	56,8	56,9	57,0	57,0	57,0	57,0	57,2
IV 4500	18,1	48,1	53,0	56,2	57,4	57,5	58,1	58,2	58,2	58,4	58,5	58,5	58,5	58,5	58,5	58,8
IV 4000	18,1	48,1	54,1	57,3	58,6	58,6	59,4	59,5	59,5	59,7	59,9	59,9	59,9	59,9	59,9	60,1
IV 3500	19,1	50,3	53,8	59,0	60,4	60,6	61,2	61,3	61,3	61,5	61,7	61,8	61,8	61,8	61,8	62,0
IV 3000	19,1	51,3	57,3	61,0	62,5	62,7	63,4	63,5	63,5	63,9	64,0	64,1	64,1	64,1	64,1	64,3
IV 2500	20,1	54,3	60,3	64,3	65,9	66,2	66,9	67,1	67,1	67,5	67,6	67,7	67,7	67,7	67,7	67,9
IV 2000	21,1	57,8	64,6	69,2	71,2	71,4	72,2	72,3	72,3	72,5	72,5	72,5	72,5	72,5	72,5	72,8
IV 1800	21,1	58,8	65,7	70,3	72,7	72,7	74,1	74,3	74,3	74,5	74,5	74,5	74,5	74,5	74,5	74,8
IV 1500	22,1	61,1	68,7	73,8	76,8	77,2	78,2	78,2	78,2	78,8	78,8	79,2	79,2	79,2	79,2	79,7
IV 1200	22,1	62,9	70,8	76,2	79,5	80,0	81,2	81,3	81,3	81,8	81,8	82,3	82,3	82,3	82,3	82,8
IV 1000	22,1	64,0	72,3	78,2	82,2	82,6	84,0	84,3	84,3	84,9	84,9	85,6	85,6	85,6	85,6	85,9
IV 900	22,1	64,3	72,9	78,9	83,4	83,8	85,1	85,7	85,7	86,3	86,3	86,9	86,9	86,9	86,9	87,2
IV 800	22,1	65,1	73,7	79,9	84,9	85,0	86,6	87,3	87,3	88,0	88,0	89,0	89,0	89,0	89,0	89,2
IV 700	22,1	65,3	74,3	80,7	85,7	86,2	87,5	88,7	88,7	89,9	89,9	90,4	90,4	90,4	90,4	91,1
IV 600	22,1	65,4	74,4	81,0	86,3	86,8	88,3	89,5	89,5	91,2	91,2	91,6	91,6	91,6	91,6	92,7
IV 500	22,1	65,5	74,5	81,3	87,0	87,5	89,4	90,7	90,7	92,7	92,7	93,4	93,4	93,4	93,4	94,9
IV 400	22,1	65,6	74,7	81,6	87,1	87,6	89,7	90,7	90,8	93,2	93,2	94,0	94,0	94,0	94,0	95,9
IV 300	22,1	65,6	74,7	81,6	87,3	87,8	89,7	91,1	91,3	93,8	93,8	94,6	94,6	94,6	94,6	96,5
IV 200	22,1	65,6	74,7	81,6	87,3	87,8	90,2	91,7	91,9	94,6	94,6	95,4	95,4	95,4	95,4	97,5
IV 100	22,1	65,6	74,7	81,6	87,3	87,8	90,3	91,9	92,0	95,1	95,1	95,9	95,9	95,9	95,9	98,7
IV 0	22,1	65,6	74,7	81,6	87,3	87,8	90,3	91,9	92,0	95,1	95,9	96,0	96,0	96,0	96,0	100,0

TOTAL NUMBER OF OBSERVATIONS 1365

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841

WILMINGTON OHIO/CLINTON CU AFB

44-45, 47-49, 54-61, 63-68

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.8	25.1	28.1	29.9	30.9	31.2	32.0	32.3	32.7	33.1	33.1	33.2	33.2	33.2	33.2	33.3
IV 20000	12.7	30.2	34.3	36.7	37.8	38.5	39.4	39.8	40.1	40.5	40.6	40.7	40.7	40.7	40.9	41.0
IV 18000	12.7	30.2	34.3	36.7	37.8	38.5	39.4	39.8	40.1	40.5	40.6	40.7	40.7	40.7	40.9	41.0
IV 16000	12.7	30.2	34.3	36.7	37.8	38.5	39.4	39.8	40.1	40.5	40.6	40.7	40.7	40.7	40.9	41.0
IV 14000	12.7	30.2	34.3	36.7	37.8	38.5	39.4	39.8	40.1	40.5	40.6	40.7	40.7	40.7	40.9	41.0
IV 12000	12.7	30.2	34.3	36.7	37.8	38.5	39.4	39.8	40.1	40.5	40.6	40.7	40.7	40.7	40.9	41.0
IV 10000	14.1	36.0	41.4	43.7	43.0	43.7	44.9	45.2	45.2	45.8	46.1	46.9	46.9	47.2	47.2	47.3
IV 9000	14.1	36.0	41.4	43.7	43.0	43.7	44.9	45.2	45.2	45.8	46.1	46.9	46.9	47.2	47.2	47.3
IV 8000	14.1	36.0	41.4	43.7	43.0	43.7	44.9	45.2	45.2	45.8	46.1	46.9	46.9	47.2	47.2	47.3
IV 7000	14.1	36.0	41.4	43.7	43.0	43.7	44.9	45.2	45.2	45.8	46.1	46.9	46.9	47.2	47.2	47.3
IV 6000	15.3	37.3	43.0	46.6	48.1	48.9	50.0	50.3	50.6	51.0	51.3	51.7	51.7	51.7	51.7	51.9
IV 5000	15.3	37.3	43.0	46.6	48.1	48.9	50.0	50.3	50.6	51.0	51.3	51.7	51.7	51.7	51.7	51.9
IV 4500	15.7	39.4	45.9	49.7	50.8	51.6	52.0	52.2	52.4	52.9	53.3	53.8	53.8	53.8	53.8	53.9
IV 4000	15.7	39.4	45.9	49.7	50.8	51.6	52.0	52.2	52.4	52.9	53.3	53.8	53.8	53.8	53.8	53.9
IV 3500	16.1	41.0	47.2	50.7	51.4	52.2	52.7	53.0	53.1	53.6	54.0	54.5	54.5	54.5	54.5	54.7
IV 3000	16.1	41.0	47.2	50.7	51.4	52.2	52.7	53.0	53.1	53.6	54.0	54.5	54.5	54.5	54.5	54.7
IV 2500	17.0	42.8	48.8	52.5	53.0	53.9	54.4	54.8	55.1	55.6	56.0	56.5	56.5	56.5	56.5	56.7
IV 2000	17.0	42.8	48.8	52.5	53.0	53.9	54.4	54.8	55.1	55.6	56.0	56.5	56.5	56.5	56.5	56.7
IV 1800	18.0	48.1	56.1	61.1	63.1	63.2	63.0	63.8	64.0	64.7	65.1	65.6	65.6	65.6	65.6	65.7
IV 1500	18.2	50.1	58.6	63.9	66.7	67.0	67.0	67.9	68.2	68.9	69.3	69.7	69.7	69.7	69.7	69.9
IV 1200	18.3	52.1	61.2	66.9	72.4	73.8	73.9	74.7	75.1	75.9	76.4	76.8	76.8	76.8	76.8	77.1
IV 1000	18.4	53.1	62.7	68.4	74.6	76.0	76.0	76.9	77.3	78.1	78.5	78.9	78.9	78.9	78.9	79.4
IV 900	18.6	53.8	63.6	69.8	75.8	77.4	77.4	78.3	78.7	79.5	80.0	80.4	80.4	80.4	80.4	80.9
IV 800	18.6	53.8	63.6	69.8	75.8	77.4	77.4	78.3	78.7	79.5	80.0	80.4	80.4	80.4	80.4	80.9
IV 700	18.7	54.3	64.3	71.3	78.2	80.1	80.1	81.1	81.5	82.3	82.8	83.2	83.2	83.2	83.2	83.7
IV 600	18.7	54.3	64.3	71.3	78.2	80.1	80.1	81.1	81.5	82.3	82.8	83.2	83.2	83.2	83.2	83.7
IV 500	18.7	54.3	64.3	71.3	78.2	80.1	80.1	81.1	81.5	82.3	82.8	83.2	83.2	83.2	83.2	83.7
IV 400	18.7	54.3	64.3	71.3	78.2	80.1	80.1	81.1	81.5	82.3	82.8	83.2	83.2	83.2	83.2	83.7
IV 300	18.7	54.3	64.3	71.3	78.2	80.1	80.1	81.1	81.5	82.3	82.8	83.2	83.2	83.2	83.2	83.7
IV 200	18.7	54.3	64.3	71.3	78.2	80.1	80.1	81.1	81.5	82.3	82.8	83.2	83.2	83.2	83.2	83.7
IV 100	18.7	54.3	64.3	71.3	78.2	80.1	80.1	81.1	81.5	82.3	82.8	83.2	83.2	83.2	83.2	83.7
IV 0	18.7	54.3	64.3	71.3	78.2	80.1	80.1	81.1	81.5	82.3	82.8	83.2	83.2	83.2	83.2	83.7

TOTAL NUMBER OF OBSERVATIONS 1448

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44m45, 47m49, 54m68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0700-1100
HOURS - S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	13,0	23,7	25,8	26,9	27,5	28,0	28,4	28,7	28,7	28,8	28,9	28,9	28,9	28,9	28,9	28,9
IV 18000 16000	16,4	30,7	33,7	35,6	37,0	37,7	38,2	38,6	38,6	38,7	38,8	38,8	38,8	38,8	38,8	38,8
IV 14000 12000	16,8	31,0	34,0	35,8	37,2	38,0	38,5	38,8	38,8	39,0	39,0	39,0	39,0	39,0	39,0	39,0
IV 10000 9000	17,5	34,7	38,2	40,3	42,1	43,1	43,9	44,2	44,2	44,4	44,4	44,4	44,4	44,4	44,4	44,4
IV 8000 7000	18,3	36,9	41,1	43,3	45,2	46,3	47,2	47,5	47,5	47,7	47,7	47,7	47,7	47,7	47,7	47,7
IV 6000 5000	18,8	38,1	43,8	46,0	48,0	49,1	50,1	50,5	50,6	50,7	50,7	50,7	50,7	50,7	50,7	50,7
IV 4500 4000	19,1	40,1	45,0	48,2	50,4	51,5	52,6	53,1	53,1	53,3	53,3	53,3	53,3	53,3	53,3	53,3
IV 3500 3000	19,4	41,3	46,7	50,4	52,8	54,0	55,4	56,0	56,1	56,3	56,3	56,3	56,3	56,3	56,3	56,3
IV 2500 2000	21,0	43,2	51,4	55,6	58,7	60,2	61,8	62,6	62,7	63,0	63,3	63,3	63,3	63,3	63,3	63,3
IV 1800 1500	22,6	45,9	55,2	59,9	63,3	65,2	66,9	67,9	68,0	68,4	68,7	68,7	68,8	68,8	68,8	68,8
IV 1200 1000	22,9	46,2	56,0	61,7	65,7	67,7	69,3	70,3	70,6	71,2	71,4	71,5	71,5	71,5	71,5	71,5
IV 500 800	23,0	46,7	57,1	63,5	67,9	70,1	71,8	72,8	73,1	73,5	73,8	74,0	74,1	74,1	74,1	74,1
IV 700 600	23,1	47,0	57,8	64,5	69,1	71,4	73,2	74,3	74,6	75,0	75,3	75,5	75,6	75,6	75,6	75,6
IV 500 400	23,2	47,3	58,4	65,5	70,3	72,7	74,6	75,8	76,1	76,5	76,8	77,0	77,1	77,1	77,1	77,1
IV 300 200	23,3	47,6	59,1	66,5	71,5	74,0	76,0	77,3	77,6	78,0	78,3	78,5	78,6	78,6	78,6	78,6
IV 100 0	23,3	47,6	59,1	66,5	71,5	74,0	76,0	77,3	77,6	78,0	78,3	78,5	78,6	78,6	78,6	78,6

TOTAL NUMBER OF OBSERVATIONS 1630

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45, 47-49, 54-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS R. T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.7	24.5	25.5	26.7	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
IV 20000	22.1	34.7	37.0	38.8	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IV 18000	22.2	34.6	37.1	38.6	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 16000	22.3	34.9	37.2	38.7	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 14000	22.5	35.1	37.4	38.9	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 12000	22.4	36.5	37.1	41.1	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
IV 10000	24.5	38.8	41.9	44.0	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
IV 9000	24.5	39.0	42.7	44.7	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 8000	25.3	40.4	43.8	46.0	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 7000	26.0	42.1	45.7	47.9	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 6000	26.0	42.2	45.9	48.4	49.6	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 5000	26.3	43.2	46.4	49.5	50.8	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 4500	26.4	43.7	47.0	50.1	51.5	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 4000	26.7	44.7	48.7	51.3	52.9	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 3500	27.2	46.0	50.4	53.2	54.7	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 3000	28.1	47.7	52.3	55.2	57.1	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 2500	30.3	51.5	56.4	59.7	61.7	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 2000	31.6	53.7	61.5	65.4	67.8	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 1800	31.6	56.2	62.2	66.4	68.9	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 1500	32.3	58.9	65.3	70.5	73.7	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 1200	32.4	59.3	66.2	72.0	75.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 1000	32.5	59.3	67.0	73.3	77.8	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 900	32.5	60.1	67.5	73.9	78.3	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 800	32.5	60.4	68.2	74.8	79.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 700	32.5	60.4	68.4	75.3	80.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 600	32.5	60.5	68.6	75.3	80.8	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 500	32.5	60.9	68.6	76.2	81.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 400	32.5	60.5	68.6	76.2	81.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 300	32.5	60.5	68.6	76.3	81.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 200	32.5	60.5	68.6	76.3	82.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 100	32.5	60.5	68.6	76.3	82.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 0	32.5	60.5	68.6	76.3	82.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5

TOTAL NUMBER OF OBSERVATIONS 1638

DATA PROCESSING DIVISION
 ETAG, USAF
 ASBREVILLE, N. C. 28402

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45, 47, 49, 54-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - L. S. T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18,9	25,18	26,8	27,7	28,1	28,1	28,1	28,1	28,1	28,1	28,1	28,1	28,1	28,1	28,1	28,1
≥ 20000	24,9	37,4	39,3	40,2	41,1	41,1	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2
IV 18000	24,9	37,4	39,3	40,2	41,1	41,1	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2
IV 16000	24,9	37,4	39,3	40,2	41,1	41,1	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2
IV 14000	25,2	37,9	39,4	40,3	41,2	41,2	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3
IV 12000	25,7	38,7	40,4	41,3	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0
IV 10000	27,0	41,0	43,0	44,1	46,0	46,0	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1
IV 9000	27,5	41,5	43,5	44,5	46,5	46,5	46,6	46,6	46,6	46,6	46,6	46,6	46,6	46,6	46,6	46,6
IV 8000	28,0	42,0	44,0	45,0	47,0	47,0	47,1	47,1	47,1	47,1	47,1	47,1	47,1	47,1	47,1	47,1
IV 7000	28,7	43,1	45,1	46,1	48,1	48,1	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2
IV 6000	28,9	43,3	45,3	46,3	48,3	48,3	48,4	48,4	48,4	48,4	48,4	48,4	48,4	48,4	48,4	48,4
IV 5000	29,4	44,0	46,0	47,0	49,0	49,0	49,1	49,1	49,1	49,1	49,1	49,1	49,1	49,1	49,1	49,1
IV 4500	29,8	44,4	46,4	47,4	49,4	49,4	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5
IV 4000	30,2	44,9	46,9	47,9	49,9	49,9	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
IV 3500	31,2	45,8	47,8	48,8	50,8	50,8	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9
IV 3000	32,4	47,0	49,0	50,0	52,0	52,0	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,1
IV 2500	33,0	48,0	50,0	51,0	53,0	53,0	53,1	53,1	53,1	53,1	53,1	53,1	53,1	53,1	53,1	53,1
IV 2000	34,0	49,0	51,0	52,0	54,0	54,0	54,1	54,1	54,1	54,1	54,1	54,1	54,1	54,1	54,1	54,1
IV 1800	34,9	50,0	52,0	53,0	55,0	55,0	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1
IV 1500	34,7	50,0	52,0	53,0	55,0	55,0	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1
IV 1200	34,9	50,0	52,0	53,0	55,0	55,0	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1
IV 1000	34,9	50,0	52,0	53,0	55,0	55,0	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1
IV 900	34,9	50,0	52,0	53,0	55,0	55,0	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1
IV 800	34,9	50,0	52,0	53,0	55,0	55,0	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1
IV 700	34,9	50,0	52,0	53,0	55,0	55,0	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1
IV 600	34,9	50,0	52,0	53,0	55,0	55,0	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1
IV 500	35,0	52,0	54,0	55,0	57,0	57,0	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1
IV 400	35,0	52,0	54,0	55,0	57,0	57,0	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1
IV 300	35,0	52,0	54,0	55,0	57,0	57,0	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1
IV 200	35,0	52,0	54,0	55,0	57,0	57,0	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1
IV 100	35,0	52,0	54,0	55,0	57,0	57,0	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1
IV 0	35,0	52,0	54,0	55,0	57,0	57,0	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1	57,1

TOTAL NUMBER OF OBSERVATIONS 1684

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44m49, 47m49, 59m68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (G.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18,8	22,2	34,1	34,9	35,6	35,7	36,0	36,0	36,0	36,1	36,1	36,1	36,1	36,1	36,1	36,1
IV 20000	23,8	41,3	44,2	43,6	46,3	46,6	46,9	46,9	46,9	47,1	47,1	47,1	47,1	47,1	47,1	47,1
IV 18000	23,8	41,3	44,3	43,6	46,6	46,6	47,0	47,0	47,0	47,2	47,2	47,2	47,2	47,2	47,2	47,2
IV 16000	23,8	41,3	44,3	43,6	46,6	46,6	47,0	47,0	47,0	47,2	47,2	47,2	47,2	47,2	47,2	47,2
IV 14000	24,0	41,7	44,7	40,0	46,9	47,0	47,3	47,3	47,3	47,3	47,3	47,3	47,3	47,3	47,3	47,3
IV 12000	24,7	42,1	46,3	47,7	48,8	46,9	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3
IV 10000	25,6	43,6	48,3	50,4	51,6	51,7	52,1	52,1	52,1	52,3	52,3	52,3	52,3	52,3	52,3	52,3
IV 9000	26,0	43,9	49,3	50,6	52,0	52,1	52,5	52,5	52,5	52,7	52,7	52,7	52,7	52,7	52,7	52,7
IV 8000	27,3	47,7	51,5	53,2	54,6	54,6	55,0	55,0	55,0	55,2	55,2	55,2	55,2	55,2	55,2	55,2
IV 7000	27,3	49,2	53,0	53,1	56,5	56,7	57,1	57,1	57,1	57,2	57,2	57,2	57,2	57,2	57,2	57,2
IV 6000	27,4	49,5	53,4	53,6	57,2	57,4	57,8	57,8	57,8	58,0	58,0	58,0	58,0	58,0	58,0	58,0
IV 5000	28,2	50,8	54,7	55,2	58,7	59,0	59,5	59,5	59,5	59,7	59,7	59,7	59,7	59,7	59,7	59,7
IV 4500	28,5	51,8	55,7	56,2	59,7	60,0	60,5	60,5	60,5	60,7	60,7	60,7	60,7	60,7	60,7	60,7
IV 4000	28,9	53,2	57,1	57,7	61,3	61,6	62,2	62,2	62,2	62,4	62,4	62,4	62,4	62,4	62,4	62,4
IV 3500	29,5	54,6	58,7	61,6	63,3	63,7	64,2	64,2	64,2	64,3	64,3	64,3	64,3	64,3	64,3	64,3
IV 3000	29,8	55,0	60,1	62,3	65,2	65,7	66,3	66,3	66,3	66,5	66,5	66,5	66,5	66,5	66,5	66,5
IV 2500	30,4	56,1	63,3	65,0	69,0	70,0	70,8	70,8	70,8	71,2	71,2	71,2	71,2	71,2	71,2	71,2
IV 2000	30,9	60,8	66,9	71,7	74,9	75,4	76,3	76,3	76,3	77,0	77,0	77,0	77,0	77,0	77,0	77,0
IV 1800	30,9	61,2	67,3	72,3	75,7	76,3	77,3	77,3	77,3	78,0	78,0	78,0	78,0	78,0	78,0	78,0
IV 1500	31,1	62,0	69,0	74,4	78,1	78,9	80,3	80,3	80,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3
IV 1200	31,1	62,2	70,3	75,2	80,4	81,2	83,0	83,0	83,0	84,1	84,1	84,1	84,1	84,1	84,1	84,1
IV 1000	31,1	63,4	70,9	77,7	81,9	82,8	85,0	85,0	85,0	86,3	86,3	86,3	86,3	86,3	86,3	86,3
IV 900	31,1	63,5	71,3	77,7	82,8	83,7	86,0	86,0	86,0	87,5	87,5	87,5	87,5	87,5	87,5	87,5
IV 800	31,1	63,5	71,5	78,3	83,4	84,3	86,8	86,8	86,8	88,5	88,5	88,5	88,5	88,5	88,5	88,5
IV 700	31,1	63,6	71,7	78,6	83,8	84,8	87,3	87,3	87,3	89,0	89,0	89,0	89,0	89,0	89,0	89,0
IV 600	31,1	63,6	71,7	78,6	84,2	85,3	88,3	88,3	88,3	90,4	90,4	90,4	90,4	90,4	90,4	90,4
IV 500	31,1	63,6	71,7	78,6	84,2	85,3	88,3	88,3	88,3	90,9	91,3	91,3	91,3	91,3	91,3	91,3
IV 400	31,1	63,7	71,8	78,7	84,6	85,7	89,3	89,3	89,3	91,9	92,2	92,2	92,2	92,2	92,2	92,2
IV 300	31,1	63,7	71,9	78,8	84,7	85,9	89,6	89,6	89,6	92,0	92,2	92,2	92,2	92,2	92,2	92,2
IV 200	31,1	63,7	71,9	78,8	84,8	86,1	89,6	89,6	89,6	92,0	92,2	92,2	92,2	92,2	92,2	92,2
IV 100	31,1	63,7	71,9	78,8	84,8	86,1	89,7	89,7	89,7	92,2	92,3	92,3	92,3	92,3	92,3	92,3
IV 0	31,1	63,7	71,9	78,8	84,8	86,1	89,7	89,7	89,7	92,2	92,3	92,3	92,3	92,3	92,3	92,3

TOTAL NUMBER OF OBSERVATIONS 1685

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHBVILLE, No. C, 28801

CEILING VERSUS VISIBILITY

12841
STATION

WILMINGTON OHIO/C. INTON CO AFB
STATION NAME

44-45, 47-49, 54-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 1	≥ 0.8	≥ 0.6	≥ 0.5	≥ 0.4	≥ 0
NO CEILING	20.1	36.7	38.4	39.6	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 2000	23.8	40.4	46.1	47.7	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.0	49.0
IV 18000	23.8	43.4	46.1	47.7	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.0	49.0
IV 16000	23.8	43.4	46.1	47.7	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.0	49.0
IV 14000	23.8	43.9	46.3	48.2	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.5	49.5
IV 12000	24.0	44.0	47.7	48.3	50.3	50.4	50.9	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8
IV 10000	25.1	47.8	50.8	52.9	53.4	53.9	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9
IV 9000	25.1	47.8	50.8	52.9	53.4	53.9	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9
IV 8000	25.7	49.3	53.2	55.0	56.0	56.1	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5
IV 7000	26.3	50.7	54.9	57.0	58.0	58.2	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
IV 6000	27.1	51.8	56.1	58.3	59.0	59.6	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0
IV 5000	27.1	52.9	57.3	59.4	60.9	61.1	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7
IV 4500	27.1	54.1	58.7	61.1	62.2	62.4	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0
IV 4000	27.1	54.1	58.7	61.1	62.2	62.4	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0
IV 3500	29.0	56.7	61.4	64.2	65.5	65.7	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4
IV 3000	29.3	58.3	63.2	66.3	67.7	67.9	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7
IV 2500	29.7	60.9	65.1	69.4	71.3	71.3	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8
IV 2000	30.3	63.2	67.8	74.4	76.6	77.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5
IV 1800	30.3	64.1	70.8	78.1	77.8	78.6	79.6	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9
IV 1500	30.3	63.3	72.3	76.9	79.9	80.8	82.0	82.1	82.1	82.2	82.4	82.4	82.4	82.4	82.4
IV 1200	30.3	66.0	73.7	78.8	82.3	83.3	85.0	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7
IV 1000	30.3	66.4	74.4	79.8	83.7	84.7	86.7	87.1	87.1	87.1	87.6	87.6	87.6	87.6	87.6
IV 900	30.3	69.7	74.9	80.3	84.9	86.0	88.0	88.4	88.4	88.4	89.1	89.1	89.1	89.1	89.1
IV 800	30.3	66.7	73.0	80.9	83.3	84.7	86.9	87.3	87.3	87.3	88.2	88.2	88.2	88.2	88.2
IV 700	30.3	66.7	73.3	81.3	84.4	85.7	88.0	88.4	88.4	88.4	89.1	89.1	89.1	89.1	89.1
IV 600	30.3	66.0	73.3	81.6	84.9	86.3	88.8	89.1	89.1	89.1	90.2	90.2	90.2	90.2	90.2
IV 500	30.3	66.9	73.3	81.9	87.3	89.0	91.7	92.4	92.4	92.4	93.4	93.4	93.4	93.4	93.4
IV 400	30.3	66.9	73.4	82.0	87.9	89.5	92.6	93.6	93.6	93.6	94.6	94.6	94.6	94.6	94.6
IV 300	30.3	66.9	73.4	82.0	88.0	89.6	92.8	94.2	94.2	94.2	95.6	95.6	95.6	95.6	95.6
IV 200	30.3	66.9	73.4	82.0	88.2	89.9	93.1	94.8	94.8	94.8	96.3	96.3	96.3	96.3	96.3
IV 100	30.3	66.9	73.4	82.0	88.2	89.9	93.1	94.8	94.8	94.8	96.5	96.5	96.5	96.5	96.5
J	30.3	66.9	73.4	82.0	88.2	89.9	93.1	94.8	94.8	94.8	96.5	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS 1678

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 WILMINGTON OHIO/CLINTON CO AFB

44-45, 47-49, 54-60

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5/8	≥ .5	≥ .25	≥ 0
NO CEILING	10.2	29.9	21.5	32.8	28.4	33.0	33.9	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.2
IV 20000	20.1	37.2	40.0	41.7	42.7	42.8	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.6
IV 18000	20.2	37.2	40.0	41.7	42.7	42.8	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.7
IV 16000	20.2	37.2	40.0	41.7	42.7	42.8	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.7
IV 14000	20.2	37.2	40.0	41.7	42.7	42.8	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.7
IV 12000	20.2	37.2	40.0	41.7	42.7	42.8	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.7
IV 10000	21.8	41.3	44.7	46.7	47.8	48.1	48.3	48.6	48.6	48.7	48.8	48.8	48.9	48.9	49.9
IV 9000	22.0	41.3	45.4	47.3	48.3	48.8	49.2	49.3	49.3	49.4	49.3	49.3	49.6	49.6	49.6
IV 8000	22.5	42.3	47.0	49.1	50.4	50.7	51.2	51.2	51.2	51.4	51.5	51.5	51.5	51.5	51.6
IV 7000	23.1	44.7	48.0	51.0	52.1	52.7	53.2	53.2	53.2	53.4	53.5	53.5	53.5	53.5	53.6
IV 6000	23.2	45.2	49.2	51.8	53.1	53.9	54.0	54.1	54.1	54.2	54.4	54.4	54.4	54.4	54.5
IV 5000	23.7	46.3	50.5	53.2	54.6	55.0	55.6	55.7	55.7	55.9	56.0	56.0	56.1	56.1	56.1
IV 41'	23.4	47.2	51.0	54.7	56.1	56.7	57.3	57.3	57.3	57.4	57.2	57.2	57.2	57.2	57.3
IV 4L	24.1	48.3	52.9	56.7	58.1	58.7	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.6
IV 3500	24.5	49.3	54.2	57.3	58.9	59.6	60.1	60.3	60.3	60.3	60.6	60.6	60.6	60.6	60.7
IV 3000	25.0	51.0	56.1	59.3	61.2	61.7	62.9	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.2
IV 2500	25.2	52.3	57.3	60.9	63.1	63.8	65.1	64.7	64.7	64.7	64.9	64.9	64.9	64.9	65.1
IV 2000	27.1	57.0	63.3	68.7	70.3	71.0	72.1	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.7
IV 1800	27.2	57.7	64.2	69.6	71.4	72.2	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.7
IV 1500	27.6	59.4	66.3	71.4	73.4	74.3	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.9
IV 1200	27.7	60.9	68.3	73.6	75.3	76.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.9
IV 1000	27.7	61.2	69.2	74.9	76.2	77.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.3
IV 900	27.8	61.5	69.9	75.8	77.1	78.1	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
IV 800	27.8	61.9	70.1	76.2	77.5	78.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
IV 700	27.8	62.0	70.4	76.4	77.7	78.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
IV 600	27.8	62.1	70.5	76.5	77.8	78.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8
IV 500	27.8	62.1	70.6	76.6	77.9	78.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
IV 403	27.8	62.1	70.6	76.6	77.9	78.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
IV 300	27.8	62.2	70.7	76.7	78.0	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
IV 200	27.8	62.2	70.7	76.7	78.0	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
IV 100	27.8	62.2	70.7	76.7	78.0	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
IV 0	27.8	62.2	70.7	76.7	78.0	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0

TOTAL NUMBER OF OBSERVATIONS 12377

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49-53-61,63-68
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21,2	39,9	41,6	42,0	42,2	42,2	42,2	42,4	42,4	42,5	42,6	42,6	42,6	42,6	42,6	42,9
IV 20000	25,0	43,6	47,9	48,5	48,8	48,8	48,9	49,0	49,0	49,1	49,2	49,2	49,2	49,2	49,3	49,6
IV 18000	25,0	43,6	47,9	48,5	48,8	48,8	48,9	49,0	49,0	49,1	49,2	49,2	49,2	49,2	49,3	49,6
IV 16000	25,0	43,6	47,9	48,5	48,8	48,8	48,9	49,0	49,0	49,1	49,2	49,2	49,2	49,2	49,3	49,6
IV 14000	25,3	46,4	48,9	49,4	49,7	49,7	49,8	49,9	50,0	50,0	50,1	50,1	50,1	50,1	50,3	50,6
IV 12000	25,8	48,1	50,7	51,2	51,6	51,6	51,7	51,8	51,8	51,9	52,0	52,0	52,0	52,0	52,1	52,4
IV 10000	26,3	49,7	52,5	53,2	53,5	53,5	53,6	53,7	53,8	53,9	53,9	53,9	53,9	53,9	54,0	54,3
IV 9000	26,7	50,0	53,9	54,6	54,9	54,9	55,0	55,1	55,1	55,2	55,3	55,3	55,3	55,3	55,4	55,7
IV 8000	27,1	52,9	56,1	56,8	57,2	57,2	57,3	57,4	57,5	57,5	57,6	57,6	57,6	57,6	57,8	58,1
IV 7000	27,2	52,5	57,7	58,5	58,9	58,9	58,9	59,0	59,1	59,2	59,3	59,3	59,3	59,3	59,4	59,7
IV 6000	27,9	55,3	58,5	59,3	59,7	59,7	59,8	59,9	60,0	60,0	60,2	60,2	60,2	60,2	60,3	60,6
IV 5000	27,9	57,6	60,9	61,8	62,3	62,3	62,4	62,5	62,5	62,6	62,7	62,7	62,7	62,7	62,8	63,1
IV 4000	28,0	58,3	62,4	63,4	63,9	63,9	64,0	64,1	64,2	64,2	64,3	64,3	64,3	64,3	64,5	64,7
IV 4000	28,9	60,8	65,1	66,2	66,8	66,8	67,1	67,2	67,3	67,4	67,5	67,5	67,5	67,5	67,6	67,9
IV 3500	29,1	62,2	67,1	68,3	68,8	68,8	69,2	69,3	69,4	69,4	70,0	70,0	70,0	70,0	70,2	70,4
IV 3000	29,7	64,2	69,5	71,3	72,3	72,3	72,7	72,8	72,9	72,9	73,1	73,1	73,1	73,1	73,2	73,5
IV 2500	30,8	67,5	73,6	75,5	76,8	76,8	77,4	77,6	77,7	77,8	77,9	77,9	77,9	77,9	78,0	78,3
IV 2000	31,2	69,5	75,3	77,1	80,7	80,8	81,4	81,6	81,7	81,8	82,0	82,0	82,0	82,0	82,1	82,4
IV 1800	31,2	70,0	76,9	79,8	81,4	81,6	82,1	82,4	82,4	82,6	82,6	82,7	82,7	82,7	82,8	83,1
IV 1500	31,3	71,1	78,5	81,5	83,4	83,5	84,2	84,4	84,5	84,7	84,8	84,8	84,8	84,8	84,9	85,2
IV 1200	31,6	72,0	79,6	83,2	85,4	85,7	86,4	86,7	86,7	87,1	87,2	87,2	87,2	87,2	87,3	87,6
IV 1000	31,6	72,8	80,5	84,4	87,0	87,3	88,1	88,3	88,7	89,1	89,2	89,2	89,2	89,2	89,4	89,5
IV 900	31,9	73,0	80,9	85,0	87,8	88,2	89,4	89,9	90,0	90,5	90,6	90,6	90,6	90,6	90,7	91,0
IV 800	31,9	73,3	81,3	85,4	88,5	88,7	90,2	90,8	90,9	91,4	91,6	91,6	91,6	91,6	91,8	92,1
IV 700	31,9	73,4	81,6	85,7	88,7	89,2	90,7	91,4	91,5	92,0	92,3	92,3	92,3	92,3	92,4	92,7
IV 600	31,9	73,6	81,8	86,0	89,3	89,8	90,0	91,6	92,3	92,6	93,3	93,3	93,3	93,3	94,0	94,4
IV 500	31,9	73,7	81,9	86,2	90,1	90,7	92,7	93,6	93,7	94,3	95,2	95,2	95,2	95,2	95,5	95,8
IV 400	31,9	73,7	81,9	86,2	90,2	91,0	93,0	93,9	94,0	95,2	95,7	95,7	95,7	95,7	96,2	96,5
IV 300	31,9	73,7	81,9	86,2	90,6	91,4	93,5	94,5	94,6	96,0	97,0	97,0	97,0	97,0	97,7	98,1
IV 200	31,9	73,7	81,9	86,2	90,7	91,4	93,7	94,7	94,8	96,5	97,4	97,4	97,4	97,4	98,4	98,7
IV 100	31,9	73,8	82,0	86,3	90,8	91,5	93,7	94,7	94,8	96,6	97,7	97,7	97,7	97,7	98,7	99,2
IV 0	31,9	73,8	82,0	86,3	90,8	91,5	93,7	94,7	94,9	95,0	96,7	97,8	97,8	97,8	98,9	100,0

TOTAL NUMBER OF OBSERVATIONS 1719

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 13841 WILMINGTON OHIO/CLINTON CO AFB STATION NAME 44-49,53-61,65-68 YEARS
 MONTH MAR
 HOURS 0300-0500 HOURS (L. S. T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.0	37.3	39.3	40.1	40.4	40.4	40.8	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.1
≥ 20000	21.2	42.8	43.2	46.0	46.5	46.6	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.4
IV 18000	21.2	42.8	43.2	46.0	46.5	46.6	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.4
IV 16000	21.2	42.8	43.2	46.0	46.5	46.6	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.4
IV 14000	21.4	43.2	43.6	46.4	46.9	47.1	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.9
IV 12000	21.4	43.2	43.6	46.4	46.9	47.1	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.9
IV 10000	22.7	46.0	46.3	50.3	50.9	51.0	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	52.0
IV 8000	23.1	47.5	47.7	51.8	52.4	52.5	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.5
IV 7000	23.1	47.5	47.7	51.8	52.4	52.5	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.5
IV 6000	23.1	47.5	47.7	51.8	52.4	52.5	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.5
IV 5000	24.4	51.6	51.9	56.9	57.5	57.7	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.6
IV 4500	24.4	51.6	51.9	56.9	57.5	57.7	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.6
IV 4000	24.4	51.6	51.9	56.9	57.5	57.7	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.6
IV 3500	25.1	57.8	58.1	63.9	64.4	64.5	67.2	67.3	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.9
IV 3000	25.5	59.9	60.2	66.8	67.3	67.4	70.5	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	71.2
IV 2500	26.1	62.6	62.9	72.4	72.9	73.0	78.1	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.8
IV 2000	27.2	64.9	65.2	77.0	77.5	77.6	83.7	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.4
IV 1800	27.2	64.9	65.2	77.0	77.5	77.6	83.7	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.4
IV 1500	27.2	64.9	65.2	77.0	77.5	77.6	83.7	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.4
IV 1200	28.1	68.7	69.0	81.9	82.4	82.5	88.6	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.3
IV 1000	28.2	69.9	70.2	83.6	84.1	84.2	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6
IV 900	28.2	69.9	70.2	83.6	84.1	84.2	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6
IV 800	28.2	69.9	70.2	83.6	84.1	84.2	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6
IV 700	28.2	69.9	70.2	83.6	84.1	84.2	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6
IV 600	28.2	69.9	70.2	83.6	84.1	84.2	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6
IV 500	28.2	69.9	70.2	83.6	84.1	84.2	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6
IV 400	28.2	69.9	70.2	83.6	84.1	84.2	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6
IV 300	28.2	69.9	70.2	83.6	84.1	84.2	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6
IV 200	28.2	69.9	70.2	83.6	84.1	84.2	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6
IV 100	28.2	69.9	70.2	83.6	84.1	84.2	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6
IV 0	28.2	69.9	70.2	83.6	84.1	84.2	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6

TOTAL NUMBER OF OBSERVATIONS 1692

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49, 53-61, 63-68
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	12,3 15,9	25,3 32,3	28,4 36,4	29,7 38,1	31,6 40,2	32,2 40,7	32,9 41,8	33,2 42,2	33,3 42,3	33,5 42,6	33,7 42,8	33,7 42,8	33,7 42,8	33,7 42,8	33,9 42,9	33,9 42,9
IV 18000	16,0 16,0	32,6 32,6	36,6 36,6	38,3 38,3	40,3 40,3	41,1 41,1	42,2 42,2	42,6 42,6	42,6 42,6	42,9 42,9	43,2 43,2	43,2 43,2	43,2 43,2	43,3 43,3	43,3 43,3	43,3 43,3
IV 14000	16,1 16,8	32,9 36,6	37,0 38,8	38,7 40,7	41,0 43,0	41,3 42,5	42,6 44,7	43,0 45,1	43,0 44,1	43,3 45,5	43,6 45,8	43,6 45,8	43,6 45,8	43,6 45,8	43,7 45,9	43,7 45,9
IV 10000	17,7 18,4	36,9 37,7	41,3 44,3	43,5 44,3	45,7 46,6	46,2 47,0	47,3 48,3	47,9 48,7	47,9 48,8	48,4 49,3	48,6 49,5	48,6 49,5	48,6 49,5	48,6 49,5	48,7 49,6	48,7 49,6
IV 8000	18,9 18,9	39,7 41,2	44,4 46,1	46,8 48,5	49,4 51,4	50,1 51,9	51,3 53,2	51,7 53,6	51,7 53,7	52,2 54,2	52,4 54,4	52,4 54,4	52,4 54,4	52,4 54,4	52,5 54,5	52,5 54,5
IV 6000	19,3 19,8	42,1 43,3	47,1 48,7	49,6 51,4	52,6 54,6	53,2 55,3	54,5 56,5	54,9 57,0	55,0 57,1	55,4 57,7	55,9 57,9	55,9 57,9	55,9 57,9	55,9 57,9	55,8 58,1	55,8 58,1
IV 4500	20,1 20,7	44,2 45,9	49,2 52,0	52,3 54,8	55,3 58,3	56,3 59,1	57,8 60,6	58,3 61,0	58,3 61,7	59,0 61,7	59,2 62,0	59,2 62,0	59,2 62,0	59,2 62,0	59,3 62,1	59,3 62,1
IV 4000	20,7 21,3	44,9 49,3	49,9 56,4	53,3 59,9	56,3 63,8	57,3 64,8	58,8 66,4	59,3 67,0	59,3 67,7	60,0 67,7	60,2 67,9	60,2 67,9	60,2 67,9	60,2 67,9	60,1 68,1	60,1 68,1
IV 3500	21,1 21,8	47,2 49,3	53,8 56,4	56,9 59,9	60,7 63,8	61,6 64,8	63,2 66,4	63,6 67,0	63,6 67,7	64,3 67,7	64,6 67,9	64,6 67,9	64,6 67,9	64,6 67,9	64,7 68,1	64,7 68,1
IV 3000	21,8 21,8	49,3 49,3	56,4 56,4	59,9 59,9	63,8 63,8	64,8 64,8	66,4 66,4	67,0 67,0	67,7 67,7	67,7 67,7	67,9 67,9	67,9 67,9	67,9 67,9	67,9 67,9	68,1 68,1	68,1 68,1
IV 2500	22,4 23,0	51,1 53,8	58,8 62,6	62,7 67,7	66,7 71,7	68,1 72,7	69,9 74,8	70,4 75,3	70,4 75,3	71,8 76,8	71,8 76,8	71,8 76,8	71,8 76,8	71,8 76,8	71,7 77,3	71,7 77,3
IV 1800	23,1 23,4	54,9 56,0	63,3 65,3	68,1 70,4	72,7 75,2	74,2 76,8	76,3 79,7	77,0 80,5	77,0 80,7	78,1 81,8	78,1 81,8	78,1 81,8	78,1 81,8	78,1 81,8	78,3 82,3	78,3 82,3
IV 1500	23,4 23,9	56,0 57,5	65,3 67,6	70,4 72,8	75,2 78,4	76,8 80,2	79,7 83,3	80,5 83,9	80,7 84,3	81,8 85,9	81,8 85,9	81,8 85,9	81,8 85,9	81,8 85,9	82,3 86,0	82,3 86,0
IV 1200	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0
IV 1000	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0
IV 900	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0
IV 800	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0
IV 700	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0
IV 600	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0
IV 500	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0
IV 400	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0
IV 300	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0
IV 200	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0
IV 100	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0
IV 0	23,9 23,9	57,5 57,5	67,6 67,6	72,8 72,8	78,4 78,4	80,2 80,2	83,3 83,3	83,9 83,9	83,9 83,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	85,9 85,9	86,0 86,0	86,0 86,0

TOTAL NUMBER OF OBSERVATIONS 1719

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 53-68
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	16,9	26,0	28,3	29,2	30,0	30,0	30,1	30,1	30,1	30,1	30,1	30,1	30,1	30,1	30,1	30,1
IV 18000	23,2	37,2	40,8	41,9	43,1	43,2	43,3	43,3	43,4	43,4	43,4	43,4	43,4	43,4	43,4	43,4
IV 16000	23,2	37,2	40,8	41,9	43,1	43,2	43,3	43,3	43,4	43,4	43,4	43,4	43,4	43,4	43,4	43,4
IV 14000	23,2	37,2	40,8	41,9	43,1	43,2	43,3	43,3	43,4	43,4	43,4	43,4	43,4	43,4	43,4	43,4
IV 12000	23,2	37,2	40,8	41,9	43,1	43,2	43,3	43,3	43,4	43,4	43,4	43,4	43,4	43,4	43,4	43,4
IV 10000	24,9	41,8	45,7	47,0	48,2	48,2	48,6	48,7	48,7	48,8	48,8	48,9	48,9	48,9	48,9	48,9
IV 9000	25,9	42,8	46,6	47,8	49,2	49,2	49,7	49,7	49,8	49,8	49,9	49,9	50,0	50,0	50,0	50,0
IV 8000	25,9	42,8	46,6	47,8	49,2	49,2	49,7	49,7	49,8	49,8	49,9	49,9	50,0	50,0	50,0	50,0
IV 7000	25,9	42,8	46,6	47,8	49,2	49,2	49,7	49,7	49,8	49,8	49,9	49,9	50,0	50,0	50,0	50,0
IV 6000	26,9	43,8	47,6	48,8	50,2	50,2	50,7	50,7	50,8	50,8	50,9	50,9	51,0	51,0	51,0	51,0
IV 5000	26,9	43,8	47,6	48,8	50,2	50,2	50,7	50,7	50,8	50,8	50,9	50,9	51,0	51,0	51,0	51,0
IV 4500	27,9	44,8	48,6	49,8	51,2	51,2	51,7	51,7	51,8	51,8	51,9	51,9	52,0	52,0	52,0	52,0
IV 4000	27,9	44,8	48,6	49,8	51,2	51,2	51,7	51,7	51,8	51,8	51,9	51,9	52,0	52,0	52,0	52,0
IV 3500	27,9	44,8	48,6	49,8	51,2	51,2	51,7	51,7	51,8	51,8	51,9	51,9	52,0	52,0	52,0	52,0
IV 3000	28,7	45,8	49,6	50,8	52,2	52,2	52,7	52,7	52,8	52,8	52,9	52,9	53,0	53,0	53,0	53,0
IV 2500	30,2	48,7	52,5	53,7	55,1	55,1	55,6	55,6	55,7	55,7	55,8	55,8	55,9	55,9	55,9	55,9
IV 2000	30,2	48,7	52,5	53,7	55,1	55,1	55,6	55,6	55,7	55,7	55,8	55,8	55,9	55,9	55,9	55,9
IV 1800	31,0	49,7	53,5	54,7	56,1	56,1	56,6	56,6	56,7	56,7	56,8	56,8	56,9	56,9	56,9	56,9
IV 1500	31,2	50,7	54,5	55,7	57,1	57,1	57,6	57,6	57,7	57,7	57,8	57,8	57,9	57,9	57,9	57,9
IV 1200	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9
IV 1000	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9
IV 900	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9
IV 800	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9
IV 700	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9
IV 600	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9
IV 500	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9
IV 400	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9
IV 300	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9
IV 200	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9
IV 100	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9
IV 0	31,9	51,7	55,5	56,7	58,1	58,1	58,6	58,6	58,7	58,7	58,8	58,8	58,9	58,9	58,9	58,9

TOTAL NUMBER OF OBSERVATIONS 1925

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

CEILING VERSUS VISIBILITY

12841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49-53-68
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURLY PERIOD

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18,0	24,0	24,7	25,3	25,5	25,5	25,5	25,5	25,5	25,5	25,5	25,5	25,5	25,5	25,5	25,5
≥ 20000	27,2	37,7	38,8	39,7	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
IV 8000	27,2	37,7	38,8	39,7	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
IV 16000	27,2	37,8	38,8	39,8	40,0	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1
IV 14000	27,3	38,4	39,5	40,4	40,7	40,7	40,7	40,7	40,7	40,7	40,7	40,7	40,7	40,7	40,7	40,7
IV 12000	28,2	39,7	40,7	41,7	42,0	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
IV 10000	29,1	42,0	43,1	44,1	44,3	44,6	44,7	44,7	44,7	44,7	44,8	44,8	44,8	44,8	44,8	44,8
IV 9000	29,3	42,8	43,8	44,8	45,2	45,3	45,4	45,4	45,4	45,4	45,6	45,6	45,6	45,6	45,6	45,6
IV 8000	29,8	44,2	45,4	46,3	46,9	47,1	47,3	47,3	47,3	47,4	47,4	47,4	47,4	47,4	47,4	47,4
IV 7000	29,4	43,7	44,7	45,7	46,4	46,7	46,9	46,9	46,9	47,1	47,1	47,1	47,1	47,1	47,1	47,1
IV 6000	30,3	46,0	47,4	48,0	49,1	49,4	49,5	49,6	49,6	49,8	49,8	49,8	49,8	49,8	49,8	49,8
IV 5000	31,0	47,2	48,7	49,0	50,6	50,9	51,1	51,1	51,1	51,2	51,2	51,2	51,2	51,2	51,2	51,2
IV 4500	31,0	48,1	49,7	51,1	51,7	52,0	52,2	52,3	52,3	52,5	52,5	52,5	52,5	52,5	52,5	52,5
IV 4000	31,0	50,2	52,3	53,8	54,6	54,9	55,2	55,3	55,3	55,5	55,5	55,5	55,5	55,5	55,5	55,5
IV 3500	33,0	52,7	55,0	56,8	57,4	57,8	58,3	58,4	58,4	58,6	58,6	58,6	58,6	58,6	58,6	58,6
IV 3000	35,0	55,0	59,1	61,0	62,2	62,6	63,3	63,4	63,4	63,6	63,6	63,6	63,6	63,6	63,6	63,6
IV 2500	37,2	62,2	65,0	67,7	68,9	69,3	70,1	70,3	70,3	70,5	70,5	70,5	70,5	70,5	70,5	70,5
IV 2000	38,4	66,3	70,6	73,1	74,3	74,8	75,8	76,0	76,0	76,3	76,3	76,3	76,3	76,3	76,3	76,3
IV 1800	38,3	66,8	71,2	74,3	76,1	76,5	77,5	77,9	78,0	78,2	78,2	78,2	78,2	78,2	78,2	78,2
IV 1500	38,6	68,1	73,6	77,2	79,6	80,2	81,9	82,3	82,3	82,7	82,7	82,7	82,7	82,7	82,7	82,7
IV 1200	38,7	68,9	74,8	79,0	82,3	83,2	84,3	84,5	84,5	85,1	85,1	85,1	85,1	85,1	85,1	85,1
IV 1000	38,8	69,3	75,3	80,1	83,6	84,7	86,1	87,3	87,4	88,0	88,1	88,1	88,1	88,1	88,1	88,1
IV 900	38,8	70,0	76,1	81,1	84,7	85,9	87,3	88,7	89,4	89,6	89,6	89,6	89,6	89,6	89,6	89,6
IV 800	38,8	70,3	76,8	82,0	85,8	87,0	88,7	90,4	91,3	91,7	91,7	91,7	91,7	91,7	91,7	91,7
IV 700	38,8	70,4	76,8	82,6	86,7	88,1	89,8	91,6	92,0	92,8	93,3	93,4	93,5	93,6	93,6	93,6
IV 600	38,9	70,3	76,9	82,7	87,7	89,0	91,2	93,2	93,6	94,6	95,2	95,3	95,6	95,7	95,9	95,9
IV 500	38,9	70,5	76,9	82,8	88,0	89,3	91,9	94,0	94,5	95,0	96,4	96,7	97,5	97,9	98,0	98,0
IV 400	38,9	70,5	76,9	82,8	88,2	89,5	92,4	94,8	95,4	96,4	97,5	98,4	99,0	99,1	99,1	99,1
IV 300	38,9	70,5	76,9	82,8	88,2	89,5	92,6	95,1	95,8	96,8	98,1	98,8	99,3	99,3	99,3	99,3
IV 200	38,9	70,5	76,9	82,8	88,2	89,5	92,6	95,1	95,8	96,8	98,2	98,8	99,3	99,3	99,3	99,3
IV 100	38,9	70,5	76,9	82,8	88,2	89,5	92,6	95,1	95,8	96,8	98,2	98,8	99,3	99,3	99,3	99,3
IV 0	38,9	70,5	76,9	82,8	88,2	89,5	92,6	95,1	95,8	96,8	98,2	98,8	99,3	99,3	99,3	100,0

TOTAL NUMBER OF OBSERVATIONS 1924

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 STATION WILMINGTON OHIO/CLINTON CU AFB 44-49, 53-68 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L. S. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.3	23.4	24.0	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
IV 20000	28.4	37.8	38.9	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IV 18000	28.4	37.8	38.9	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IV 16000	28.6	38.0	39.1	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 14000	29.2	38.9	40.0	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
IV 12000	29.5	40.2	41.3	41.6	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
IV 10000	31.3	42.8	44.0	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 9000	31.3	42.8	44.0	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 8000	31.9	43.2	44.4	44.7	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 7000	32.8	43.9	45.1	45.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 6000	33.1	47.7	49.3	49.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 5000	33.1	48.7	50.5	51.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 4500	34.8	50.6	52.4	53.2	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 4000	36.3	53.8	55.9	56.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 3500	37.4	57.0	59.6	60.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 3000	39.3	60.1	63.0	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 2500	40.9	63.0	66.2	67.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 2000	41.4	68.6	72.6	73.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 1800	41.9	69.2	73.7	76.4	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 1500	41.9	70.9	76.6	79.9	82.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 1200	41.9	71.8	77.9	81.7	84.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1000	41.6	72.4	78.7	82.8	86.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 900	41.6	72.8	79.3	83.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 800	41.6	72.8	79.3	83.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 700	41.6	73.2	79.8	84.3	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 600	41.6	73.2	79.8	84.3	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 500	41.6	73.3	79.9	84.8	89.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 400	41.6	73.3	80.0	84.8	89.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 300	41.6	73.3	80.0	84.8	89.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 200	41.6	73.3	80.0	84.8	89.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 100	41.6	73.3	80.0	84.8	89.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 0	41.6	73.3	80.0	84.8	89.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8

TOTAL NUMBER OF OBSERVATIONS 1988

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 STATION WILMINGTON OHIO/CLINTON CO AFB STATION NAME 44M49,53068 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21,5	32,5	33,6	33,7	33,9	33,9	33,9	33,9	33,9	33,9	33,9	33,9	33,9	33,9	33,9	33,9
IV 20000	29,4	43,7	43,1	43,4	43,6	43,6	43,6	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7
IV 18000	29,4	43,7	43,1	43,4	43,6	43,6	43,6	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7
IV 16000	29,6	43,9	43,3	43,5	43,7	43,6	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8
IV 14000	30,1	44,9	46,4	46,7	46,9	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0
IV 12000	30,6	46,6	48,2	48,5	48,8	48,8	48,8	48,9	48,9	48,9	48,9	48,9	48,9	48,9	48,9	48,9
IV 10000	32,4	49,7	51,5	51,9	52,4	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5
IV 9000	32,6	50,2	52,0	52,4	52,9	53,0	53,0	53,0	53,0	53,0	53,0	53,0	53,0	53,0	53,0	53,0
IV 8000	33,0	52,2	54,3	54,8	55,3	55,3	55,3	55,4	55,4	55,4	55,4	55,4	55,4	55,4	55,4	55,4
IV 7000	33,4	53,5	55,6	56,1	56,6	56,6	56,6	56,7	56,7	56,7	56,7	56,7	56,7	56,7	56,7	56,7
IV 6000	33,0	54,3	56,5	57,2	57,7	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8
IV 5000	34,4	56,1	58,6	59,4	60,2	60,3	60,3	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4
IV 4500	34,9	57,4	59,9	60,9	61,8	61,9	61,9	62,0	62,0	62,0	62,0	62,0	62,0	62,0	62,0	62,0
IV 4000	35,3	59,7	62,5	63,5	64,5	64,6	64,6	64,7	64,7	64,8	64,8	64,8	64,8	64,8	64,8	64,8
IV 3500	36,4	62,1	65,3	66,3	67,4	67,6	67,7	67,8	67,8	67,9	67,9	67,9	67,9	67,9	67,9	67,9
IV 3000	37,4	64,9	68,4	69,7	71,0	71,2	71,4	71,6	71,6	71,7	71,7	71,7	71,7	71,7	71,7	71,7
IV 2500	37,9	66,2	72,0	74,2	75,9	76,1	76,4	76,7	76,7	76,8	76,8	76,8	76,8	76,8	76,8	76,8
IV 2000	38,4	71,2	76,6	79,2	81,1	81,4	81,8	82,2	82,2	82,3	82,3	82,3	82,3	82,3	82,3	82,3
IV 1800	38,0	71,7	77,3	79,9	81,9	82,2	82,7	83,1	83,1	83,3	83,3	83,3	83,3	83,3	83,3	83,3
IV 1500	38,0	72,6	78,8	81,8	84,4	84,9	85,6	86,1	86,1	86,6	86,7	86,7	86,7	86,7	86,7	86,7
IV 1200	38,1	73,3	79,7	82,2	84,2	84,6	84,7	85,3	85,3	85,9	85,9	85,9	85,9	85,9	85,9	85,9
IV 1000	38,1	75,7	80,3	84,0	87,3	87,3	87,7	88,3	88,3	89,0	89,0	89,0	89,0	89,0	89,0	89,0
IV 900	38,1	74,0	80,7	84,4	87,9	87,9	88,1	88,7	88,7	89,4	89,4	89,4	89,4	89,4	89,4	89,4
IV 800	38,1	74,0	80,6	84,5	88,2	88,2	88,1	88,7	88,7	89,4	89,4	89,4	89,4	89,4	89,4	89,4
IV 700	38,1	74,2	81,0	84,8	88,6	88,6	88,5	89,1	89,1	89,8	89,8	89,8	89,8	89,8	89,8	89,8
IV 600	38,1	74,3	81,2	85,0	89,0	89,0	88,9	89,5	89,5	90,2	90,2	90,2	90,2	90,2	90,2	90,2
IV 500	38,1	74,3	81,2	85,0	89,2	89,2	89,1	89,7	89,7	90,4	90,4	90,4	90,4	90,4	90,4	90,4
IV 400	38,1	74,3	81,2	85,1	89,3	89,3	89,2	89,8	89,8	90,5	90,5	90,5	90,5	90,5	90,5	90,5
IV 300	38,1	74,4	81,2	85,2	89,4	89,4	89,3	89,9	89,9	90,6	90,6	90,6	90,6	90,6	90,6	90,6
IV 200	38,1	74,4	81,2	85,2	89,4	89,4	89,3	89,9	89,9	90,6	90,6	90,6	90,6	90,6	90,6	90,6
IV 100	38,1	74,4	81,2	85,2	89,4	89,4	89,3	89,9	89,9	90,6	90,6	90,6	90,6	90,6	90,6	90,6
IV 0	38,1	74,4	81,2	85,2	89,4	89,4	89,3	89,9	89,9	90,6	90,6	90,6	90,6	90,6	90,6	100,0

TOTAL NUMBER OF OBSERVATIONS 1987

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBREVILLE, N. C., 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49-53-68
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22,8	38,4	40,1	40,1	40,4	40,5	40,5	40,5	40,5	40,6	40,6	40,6	40,6	40,6	40,7	40,7
≥ 20000	27,7	45,8	47,8	48,1	48,4	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,8	48,8
IV 18000	27,7	46,0	48,0	48,2	48,5	48,6	48,7	48,7	48,7	48,8	48,8	48,8	48,8	48,8	48,9	48,9
IV 16000	27,8	46,1	48,1	48,4	48,7	48,7	48,7	48,9	48,9	48,9	48,9	48,9	48,9	48,9	49,1	49,1
IV 14000	28,0	47,0	49,0	49,3	49,6	49,6	49,8	49,8	49,8	49,8	49,8	49,8	49,8	49,8	50,0	50,0
IV 12000	28,4	48,7	50,9	51,3	51,7	51,8	51,9	51,9	51,9	52,0	52,0	52,0	52,0	52,0	52,1	52,1
IV 10000	30,0	51,5	53,8	54,3	54,8	54,8	55,1	55,1	55,1	55,2	55,2	55,2	55,2	55,2	55,4	55,4
IV 9000	30,3	52,1	54,4	55,0	55,4	55,5	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,9	56,0	56,0
IV 8000	30,4	54,0	56,4	57,0	57,4	57,5	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,9	58,0	58,0
IV 7000	31,4	55,5	58,0	58,6	59,0	59,0	59,4	59,4	59,4	59,4	59,4	59,4	59,4	59,5	59,6	59,6
IV 6000	31,7	56,4	58,9	59,7	60,3	60,3	60,6	60,6	60,6	60,7	60,7	60,7	60,7	60,7	60,9	60,9
IV 5000	32,7	58,6	61,6	62,4	63,0	63,1	63,4	63,4	63,4	63,5	63,5	63,5	63,5	63,5	63,7	63,7
IV 4500	33,1	60,0	63,3	64,2	64,9	65,0	65,3	65,3	65,3	65,4	65,4	65,4	65,4	65,4	65,6	65,6
IV 4000	33,3	61,7	65,6	66,3	67,0	67,1	67,4	67,4	67,4	67,5	67,5	67,5	67,5	67,5	67,7	67,7
IV 3500	33,9	64,2	68,5	69,6	70,5	70,5	70,9	70,9	70,9	70,9	70,9	70,9	70,9	71,0	71,1	71,1
IV 3000	34,3	66,4	71,2	72,4	73,4	73,5	73,9	73,9	73,9	74,0	74,0	74,0	74,0	74,0	74,2	74,2
IV 2500	35,1	69,3	75,0	76,3	77,8	77,8	78,3	78,3	78,3	78,4	78,4	78,4	78,4	78,4	78,6	78,6
IV 2000	35,8	71,2	78,2	80,1	81,3	81,4	82,0	82,0	82,0	82,1	82,1	82,1	82,1	82,1	82,3	82,3
IV 1800	35,8	71,6	78,8	80,6	82,2	82,2	82,9	82,9	82,9	83,0	83,0	83,1	83,1	83,1	83,3	83,3
IV 1500	36,0	72,8	80,4	82,6	84,9	85,0	85,8	85,8	85,8	86,0	86,0	86,0	86,0	86,1	86,2	86,2
IV 1200	36,1	73,7	82,0	84,3	87,0	87,4	88,5	88,5	88,5	88,7	88,7	88,9	88,9	89,0	89,2	89,2
IV 1000	36,1	74,1	82,8	85,2	88,4	88,9	90,1	90,1	90,1	90,4	90,4	90,5	90,5	90,5	91,2	91,2
IV 900	36,1	74,1	83,0	85,6	89,4	89,9	90,9	90,9	90,9	91,3	91,3	91,7	91,7	91,8	92,0	92,0
IV 800	36,1	74,2	83,1	85,8	89,9	89,9	91,6	91,6	91,6	92,1	92,1	92,9	92,9	93,1	93,2	93,2
IV 700	36,1	74,4	83,3	85,9	90,0	90,6	92,3	92,3	92,3	93,0	93,1	94,0	94,0	94,2	94,3	94,3
IV 600	36,1	74,5	83,7	86,3	90,4	91,1	93,2	93,2	93,2	93,7	93,9	94,8	94,8	95,0	95,3	95,3
IV 500	36,1	74,6	83,8	86,7	90,9	91,8	94,3	94,3	94,3	95,0	95,1	96,1	96,2	96,3	96,6	96,6
IV 400	36,1	74,5	83,8	86,7	91,0	92,1	95,0	95,0	95,0	95,9	96,1	97,1	97,3	97,3	97,7	97,7
IV 300	36,1	74,7	83,9	86,8	91,2	92,3	95,4	95,4	95,4	96,4	96,5	97,6	97,9	98,0	98,4	98,6
IV 200	36,1	74,7	83,9	86,8	91,2	92,3	95,3	95,3	95,3	96,3	96,7	98,0	98,3	98,4	99,0	99,4
IV 100	36,1	74,7	83,9	86,8	91,2	92,3	95,3	95,3	95,3	96,3	96,7	98,0	98,4	98,5	99,1	99,7
IV 0	36,1	74,7	83,9	86,8	91,2	92,3	95,3	95,3	95,3	96,3	96,7	98,0	98,4	98,5	99,1	100,0

TOTAL NUMBER OF OBSERVATIONS 1978

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
 STATION

WILMINGTON OHIO/CLINTON CU AFB
 STATION NAME

44-49-53-68
 YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	18.7	30.7	32.3	32.8	33.3	33.4	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.8	33.8
≥ 20000	23.0	40.4	42.6	42.8	43.9	44.0	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.5	44.6
IV 18000	25.0	40.4	42.6	42.8	43.9	44.0	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.5	44.6
IV 16000	25.1	40.3	42.7	42.8	43.9	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.7	44.7
IV 14000	25.2	41.2	43.5	44.2	44.9	45.0	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.5
IV 12000	26.0	42.8	45.1	46.0	46.7	46.8	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.3	47.3
IV 10000	27.1	45.2	47.7	48.6	49.3	49.4	49.7	49.8	49.8	49.9	50.0	50.0	50.0	50.0	50.1	50.1
IV 9000	27.3	46.0	48.5	49.6	50.2	50.3	50.6	50.7	50.7	50.8	50.9	50.9	50.9	50.9	50.9	51.0
IV 8000	27.7	47.7	50.4	51.4	52.3	52.4	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.1	53.1
IV 7000	28.2	49.2	52.0	53.1	53.9	54.1	54.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.8	54.8
IV 6000	28.5	49.9	52.8	54.0	55.0	55.1	55.5	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.9	55.9
IV 5000	29.0	51.7	54.7	56.1	57.1	57.3	57.7	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.1	58.1
IV 4500	29.6	52.7	56.1	57.5	58.6	58.8	59.2	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.6	59.7
IV 4000	30.3	54.6	58.6	60.1	61.4	61.6	62.0	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.5	62.5
IV 3500	30.9	56.8	61.0	62.7	64.1	64.3	64.8	65.0	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.4
IV 3000	31.9	59.4	64.0	66.0	67.5	67.8	68.4	68.6	68.6	68.8	68.9	68.9	68.9	68.9	68.9	69.0
IV 2500	33.0	62.9	68.1	70.4	72.3	72.6	73.3	73.6	73.6	73.8	73.9	73.9	73.9	73.9	74.0	74.0
IV 2000	33.7	65.7	71.9	74.8	77.0	77.5	78.3	78.6	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.2
IV 1800	33.7	66.2	72.6	75.7	78.1	78.6	79.5	79.9	79.9	80.2	80.3	80.3	80.3	80.3	80.4	80.5
IV 1500	33.9	67.6	74.6	78.0	80.9	81.3	82.7	83.2	83.3	83.8	83.9	83.9	83.9	84.0	84.1	84.1
IV 1200	34.1	68.5	75.9	79.7	83.0	83.5	85.2	85.9	86.0	86.4	86.7	86.7	86.7	86.8	86.9	87.0
IV 1000	34.1	69.0	76.7	80.9	84.5	85.0	87.2	88.0	88.1	88.8	89.0	89.0	89.0	89.2	89.3	89.3
IV 900	34.1	69.3	77.1	81.3	85.2	85.7	88.1	89.0	89.1	89.9	90.1	90.1	90.1	90.3	90.4	90.4
IV 800	34.1	69.8	77.4	81.8	86.0	86.5	89.1	90.2	90.3	91.3	91.6	91.6	91.6	91.9	91.9	91.9
IV 700	34.1	69.7	77.6	82.2	86.6	87.1	90.0	91.2	91.4	92.4	92.9	92.9	92.9	93.2	93.2	93.2
IV 600	34.1	69.6	77.8	82.4	87.3	87.8	91.1	92.3	92.7	93.8	94.4	94.4	94.4	94.8	94.8	94.8
IV 500	34.2	69.9	77.9	82.6	87.7	88.2	92.1	93.5	93.8	94.9	95.5	95.5	95.5	96.3	96.3	96.6
IV 400	34.2	69.9	78.0	82.7	87.9	88.4	92.3	94.1	94.4	96.2	96.8	96.8	96.8	97.4	97.4	97.7
IV 300	34.2	69.9	78.0	82.8	88.0	88.5	92.5	94.4	94.7	96.8	97.5	97.5	97.5	98.3	98.3	98.6
IV 200	34.2	69.9	78.0	82.8	88.1	88.6	92.5	94.4	94.7	97.0	97.9	97.9	97.9	98.8	98.8	99.1
IV 100	34.2	69.9	78.0	82.8	88.1	88.6	92.5	94.4	94.7	97.1	98.0	98.0	98.0	98.9	98.9	99.2
IV 0	34.2	69.9	78.0	82.8	88.1	88.6	92.5	94.4	94.7	97.1	98.0	98.0	98.0	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 14882

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

18841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44w49, 53w61, 63w60
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.P.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.3	41.6	42.7	43.0	43.2	43.2	43.4	43.4	43.4	43.6	43.6	43.6	43.0	43.6	43.6	43.7
IV 20000	24.3	41.6	42.7	43.0	43.2	43.2	43.4	43.4	43.4	43.6	43.6	43.6	43.0	43.6	43.6	43.7
IV 18000	30.8	52.2	53.8	54.1	54.3	54.3	54.5	54.5	54.5	54.7	54.7	54.7	54.1	54.7	54.7	54.8
IV 16000	30.8	52.2	53.8	54.1	54.3	54.3	54.5	54.5	54.5	54.7	54.7	54.7	54.1	54.7	54.7	54.8
IV 14000	31.2	54.7	56.4	56.7	57.0	57.0	57.1	57.1	57.1	57.4	57.4	57.4	56.8	57.4	57.4	57.4
IV 12000	31.2	54.7	56.4	56.7	57.0	57.0	57.1	57.1	57.1	57.4	57.4	57.4	56.8	57.4	57.4	57.4
IV 10000	31.5	54.5	56.2	56.5	56.8	56.8	57.0	57.0	57.0	57.3	57.3	57.3	56.7	57.3	57.3	57.3
IV 9000	31.5	54.5	56.2	56.5	56.8	56.8	57.0	57.0	57.0	57.3	57.3	57.3	56.7	57.3	57.3	57.3
IV 8000	35.0	62.3	64.0	64.3	64.6	64.6	64.8	64.8	64.8	65.1	65.1	65.1	64.5	65.1	65.1	65.1
IV 7000	35.0	62.3	64.0	64.3	64.6	64.6	64.8	64.8	64.8	65.1	65.1	65.1	64.5	65.1	65.1	65.1
IV 6000	35.1	63.0	64.7	65.0	65.3	65.3	65.5	65.5	65.5	65.8	65.8	65.8	65.2	65.8	65.8	65.8
IV 5000	35.1	63.0	64.7	65.0	65.3	65.3	65.5	65.5	65.5	65.8	65.8	65.8	65.2	65.8	65.8	65.8
IV 4500	35.1	63.0	64.7	65.0	65.3	65.3	65.5	65.5	65.5	65.8	65.8	65.8	65.2	65.8	65.8	65.8
IV 4000	35.1	63.0	64.7	65.0	65.3	65.3	65.5	65.5	65.5	65.8	65.8	65.8	65.2	65.8	65.8	65.8
IV 3500	39.0	73.0	74.3	74.6	74.9	74.9	75.1	75.1	75.1	75.4	75.4	75.4	74.8	75.4	75.4	75.4
IV 3000	39.0	73.0	74.3	74.6	74.9	74.9	75.1	75.1	75.1	75.4	75.4	75.4	74.8	75.4	75.4	75.4
IV 2500	41.2	78.0	81.8	83.3	84.9	84.9	85.2	85.2	85.2	85.5	85.5	85.5	84.9	85.5	85.5	85.5
IV 2000	41.2	78.0	81.8	83.3	84.9	84.9	85.2	85.2	85.2	85.5	85.5	85.5	84.9	85.5	85.5	85.5
IV 1800	41.8	81.3	85.7	87.0	88.4	88.4	88.7	88.7	88.7	89.0	89.0	89.0	88.4	89.0	89.0	89.0
IV 1500	42.1	82.2	86.9	88.0	89.4	89.4	89.7	89.7	89.7	90.0	90.0	90.0	89.4	90.0	90.0	90.0
IV 1200	42.1	82.2	86.9	88.0	89.4	89.4	89.7	89.7	89.7	90.0	90.0	90.0	89.4	90.0	90.0	90.0
IV 1000	42.1	82.2	86.9	88.0	89.4	89.4	89.7	89.7	89.7	90.0	90.0	90.0	89.4	90.0	90.0	90.0
IV 900	42.1	82.2	86.9	88.0	89.4	89.4	89.7	89.7	89.7	90.0	90.0	90.0	89.4	90.0	90.0	90.0
IV 800	42.2	84.2	89.0	91.0	93.3	93.3	94.3	94.3	94.3	94.6	94.6	94.6	94.0	94.6	94.6	94.6
IV 700	42.2	84.2	89.0	91.0	93.3	93.3	94.3	94.3	94.3	94.6	94.6	94.6	94.0	94.6	94.6	94.6
IV 600	42.2	84.2	89.0	91.0	93.3	93.3	94.3	94.3	94.3	94.6	94.6	94.6	94.0	94.6	94.6	94.6
IV 500	42.2	84.2	89.0	91.0	93.3	93.3	94.3	94.3	94.3	94.6	94.6	94.6	94.0	94.6	94.6	94.6
IV 400	42.2	84.2	89.0	91.0	93.3	93.3	94.3	94.3	94.3	94.6	94.6	94.6	94.0	94.6	94.6	94.6
IV 300	42.2	84.2	89.0	91.0	93.3	93.3	94.3	94.3	94.3	94.6	94.6	94.6	94.0	94.6	94.6	94.6
IV 200	42.2	84.2	89.0	91.0	93.3	93.3	94.3	94.3	94.3	94.6	94.6	94.6	94.0	94.6	94.6	94.6
IV 100	42.4	84.6	89.9	92.9	96.3	96.3	97.8	97.8	97.8	98.4	98.4	98.4	97.8	98.4	98.4	98.4
IV 0	42.4	84.6	89.9	92.9	96.3	96.3	97.8	97.8	97.8	98.4	98.4	98.4	97.8	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 1712

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49,53-61,65-66
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20,0	39,6	41,0	41,8	42,0	42,0	42,3	42,4	42,4	42,5	42,5	42,5	42,5	42,5	42,8	42,8
≥ 20000	25,5	44,3	50,1	50,9	51,1	51,1	51,4	51,5	51,5	51,6	51,6	51,6	51,6	51,6	52,0	52,0
IV 18000	25,5	48,3	50,1	50,9	51,1	51,1	51,4	51,5	51,5	51,6	51,6	51,6	51,6	51,6	52,0	52,0
IV 16000	25,7	48,3	50,3	51,1	51,3	51,3	51,6	51,7	51,7	51,8	51,8	51,8	51,8	51,8	52,2	52,2
IV 14000	25,7	48,7	50,6	51,4	51,6	51,7	52,0	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,6	52,6
IV 12000	26,7	51,0	52,9	53,7	54,0	54,0	54,3	54,4	54,4	54,5	54,5	54,5	54,5	54,5	54,9	54,9
IV 10000	28,2	55,0	57,0	58,1	58,5	58,6	58,9	59,0	59,0	59,0	59,0	59,0	59,0	59,0	59,5	59,5
IV 9000	28,8	55,9	58,0	59,1	59,6	59,6	60,0	60,0	60,0	60,0	60,1	60,1	60,1	60,1	60,5	60,5
IV 8000	30,1	59,1	61,3	62,4	62,8	62,9	63,2	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,8	63,8
IV 7000	30,6	60,7	63,1	64,3	64,8	64,8	65,1	65,2	65,2	65,2	65,2	65,2	65,2	65,2	65,7	65,7
IV 6000	31,2	62,1	64,5	65,7	66,2	66,2	66,5	66,6	66,6	66,6	66,7	66,7	66,7	66,7	67,1	67,1
IV 5000	32,0	64,1	66,7	68,0	68,5	68,6	68,9	68,9	68,9	68,9	69,0	69,0	69,0	69,0	69,4	69,4
IV 4500	32,9	65,6	68,6	70,0	70,5	70,5	70,9	71,0	71,0	71,0	71,0	71,0	71,0	71,0	71,5	71,5
IV 4000	32,9	67,8	71,0	72,6	73,4	73,5	73,9	73,9	73,9	74,0	74,0	74,0	74,0	74,0	74,4	74,4
IV 3500	33,1	68,9	72,2	73,8	74,7	74,7	75,1	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,7	75,7
IV 3000	33,8	71,3	75,0	77,1	78,0	78,1	78,4	78,5	78,5	78,6	78,6	78,6	78,6	78,6	79,1	79,1
IV 2500	33,1	74,5	78,7	81,0	82,0	82,1	82,6	82,6	82,6	82,7	82,7	82,7	82,7	82,7	83,2	83,2
IV 2000	35,5	77,1	82,1	85,5	85,7	85,9	86,3	86,3	86,4	86,5	86,5	86,5	86,5	86,5	87,0	87,0
IV 1800	35,0	77,7	82,6	85,1	86,3	86,5	86,9	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,6	87,6
IV 1500	35,7	78,4	83,4	85,9	87,9	88,0	88,5	88,7	88,7	88,7	88,7	88,7	88,7	88,7	89,2	89,2
IV 1200	35,7	79,2	84,3	87,2	89,4	89,6	90,2	90,3	90,3	90,4	90,4	90,4	90,4	90,4	90,9	90,9
IV 1000	35,6	79,9	85,0	88,2	90,6	90,8	91,6	91,7	91,7	91,7	91,7	91,7	91,7	91,7	92,4	92,4
IV 900	35,8	80,3	85,6	89,2	91,6	91,7	92,5	92,7	92,7	92,7	92,7	92,7	92,7	92,7	93,4	93,4
IV 800	35,8	80,9	86,0	89,9	91,9	92,1	92,9	93,2	93,2	93,2	93,2	93,2	93,2	93,2	93,9	93,9
IV 700	36,0	81,0	86,4	90,1	92,6	92,8	93,8	94,0	94,0	94,0	94,0	94,0	94,0	94,0	94,8	94,8
IV 600	36,0	81,3	86,6	90,4	93,0	93,2	94,5	94,8	94,8	94,8	94,8	94,8	94,8	94,8	95,5	95,5
IV 500	36,0	81,3	86,9	90,9	93,8	94,0	95,7	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,6	96,6
IV 400	36,0	81,3	86,9	90,9	94,0	94,2	96,7	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,5	97,5
IV 300	36,0	81,7	87,1	91,1	94,5	94,9	96,4	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,5	97,5
IV 200	36,0	81,7	87,1	91,1	94,6	94,8	96,5	97,2	97,2	97,2	97,2	97,2	97,2	97,2	97,7	97,7
IV 100	36,0	81,7	87,1	91,1	94,6	94,8	96,5	97,2	97,2	97,2	97,2	97,2	97,2	97,2	97,7	97,7
IV 0	36,0	81,7	87,1	91,1	94,6	94,8	96,5	97,2	97,2	97,2	97,2	97,2	97,2	97,2	97,7	97,7

TOTAL NUMBER OF OBSERVATIONS 1623

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49, 53-61, 63-68
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.7	26.5	29.8	31.2	32.0	32.2	32.5	32.7	32.7	32.9	32.9	32.9	32.9	33.0	33.1	33.1
IV 20000	23.0	38.7	42.8	44.5	45.3	45.6	45.9	46.0	46.1	46.4	46.4	46.4	46.5	46.6	46.7	46.7
IV 18000	23.0	38.7	42.8	44.5	45.3	45.6	45.9	46.0	46.1	46.4	46.4	46.4	46.5	46.6	46.7	46.7
IV 16000	23.2	39.0	43.1	44.8	45.6	45.9	46.2	46.4	46.4	46.7	46.8	46.8	46.8	46.9	47.0	47.0
IV 14000	23.6	40.4	44.7	46.6	47.4	47.7	48.0	48.2	48.2	48.5	48.6	48.6	48.7	48.7	48.8	48.8
IV 12000	23.1	42.0	47.4	49.7	50.9	50.9	51.2	51.3	51.4	51.7	51.8	51.8	51.8	51.9	52.0	52.0
IV 10000	26.3	48.5	50.8	52.7	53.9	54.3	54.6	54.6	54.8	55.1	55.2	55.2	55.3	55.3	55.4	55.4
IV 9000	26.3	48.5	50.8	52.7	53.9	54.3	54.6	54.6	54.8	55.1	55.2	55.2	55.3	55.3	55.4	55.4
IV 8000	27.8	49.6	54.7	57.4	58.7	59.1	59.5	59.6	59.7	60.0	60.1	60.1	60.2	60.2	60.3	60.3
IV 7000	28.7	51.4	57.0	59.9	61.4	61.7	62.1	62.1	62.4	62.8	62.9	62.9	62.9	63.0	63.1	63.1
IV 6000	29.9	53.0	58.8	61.7	63.3	63.7	64.1	64.4	64.4	64.8	64.8	64.8	64.9	65.0	65.1	65.1
IV 5000	29.9	53.0	58.8	61.7	63.3	63.7	64.1	64.4	64.4	64.8	64.8	64.8	64.9	65.0	65.1	65.1
IV 4500	30.9	56.9	63.3	66.6	68.3	68.8	69.4	69.6	69.7	70.1	70.2	70.2	70.2	70.3	70.4	70.4
IV 4000	31.0	58.5	65.3	68.6	70.4	70.8	71.4	71.7	71.8	72.2	72.3	72.3	72.4	72.4	72.5	72.5
IV 3500	31.2	59.4	66.6	70.0	72.0	72.4	73.1	73.4	73.4	73.9	73.9	73.9	74.0	74.1	74.2	74.2
IV 3000	31.7	60.7	68.3	71.8	74.1	74.7	75.9	75.8	75.8	76.3	76.3	76.3	76.4	76.5	76.6	76.6
IV 2500	32.9	62.5	70.7	74.5	77.0	77.6	78.4	78.7	78.8	79.3	79.3	79.3	79.4	79.4	79.6	79.6
IV 2000	33.9	65.1	73.7	77.6	80.3	81.1	82.0	82.4	82.4	82.9	82.9	82.9	83.0	83.1	83.2	83.2
IV 1800	33.3	65.5	74.2	78.1	80.8	81.5	82.4	82.9	82.9	83.4	83.5	83.5	83.5	83.6	83.7	83.7
IV 1500	33.6	66.7	75.7	80.0	83.0	83.9	83.2	83.7	83.7	84.2	84.3	84.3	84.4	84.4	84.6	84.6
IV 1200	33.9	67.3	76.6	81.1	84.5	85.3	84.9	85.4	85.4	85.9	86.0	86.0	86.1	86.1	86.3	86.3
IV 1000	34.0	68.0	77.5	82.1	85.7	86.5	85.4	85.9	85.9	86.4	86.5	86.5	86.6	86.6	86.8	86.8
IV 900	34.1	68.4	77.9	82.7	86.3	87.1	85.2	85.7	85.7	86.2	86.3	86.3	86.4	86.4	86.6	86.6
IV 800	34.1	68.6	78.2	83.1	86.8	87.6	85.2	85.7	85.7	86.2	86.3	86.3	86.4	86.4	86.6	86.6
IV 700	34.1	68.9	78.5	83.5	87.4	88.2	85.2	85.7	85.7	86.2	86.3	86.3	86.4	86.4	86.6	86.6
IV 600	34.1	69.0	78.5	83.5	87.4	88.2	85.2	85.7	85.7	86.2	86.3	86.3	86.4	86.4	86.6	86.6
IV 500	34.1	69.0	78.5	83.5	87.4	88.2	85.2	85.7	85.7	86.2	86.3	86.3	86.4	86.4	86.6	86.6
IV 400	34.1	69.0	78.5	83.5	87.4	88.2	85.2	85.7	85.7	86.2	86.3	86.3	86.4	86.4	86.6	86.6
IV 300	34.1	69.0	78.5	83.5	87.4	88.2	85.2	85.7	85.7	86.2	86.3	86.3	86.4	86.4	86.6	86.6
IV 200	34.1	69.0	78.5	83.5	87.4	88.2	85.2	85.7	85.7	86.2	86.3	86.3	86.4	86.4	86.6	86.6
IV 100	34.1	69.0	78.5	83.5	87.4	88.2	85.2	85.7	85.7	86.2	86.3	86.3	86.4	86.4	86.6	86.6
IV 0	34.1	69.0	78.5	83.5	87.4	88.2	85.2	85.7	85.7	86.2	86.3	86.3	86.4	86.4	86.6	86.6

TOTAL NUMBER OF OBSERVATIONS 1712

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 WILMINGTON OHIO/CLINTON CU AFB

44-49-53-68

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.9	24.7	29.7	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
IV 20000	30.9	43.6	45.3	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 18000	30.9	43.6	45.3	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 16000	31.1	43.9	45.6	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 14000	31.7	44.8	46.6	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 12000	33.4	47.8	49.6	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 10000	35.3	50.7	52.6	53.1	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 9000	35.7	52.0	54.2	54.8	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 8000	37.3	54.7	57.3	58.1	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 7000	37.8	56.6	59.4	60.4	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 6000	38.0	57.3	60.2	61.2	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 5000	38.3	58.8	61.8	62.8	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 4500	39.0	59.7	63.0	64.0	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 4000	40.0	61.9	65.3	66.5	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 3500	40.6	63.6	67.5	68.8	69.3	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 3000	41.5	66.0	70.3	71.7	72.8	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 2500	43.1	68.7	73.5	75.1	76.2	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 2000	44.7	72.1	77.4	79.1	80.3	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 1800	44.9	73.1	78.4	80.3	81.5	82.1	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 1500	45.0	74.8	80.5	82.6	84.3	85.0	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9
IV 1200	45.3	75.8	82.2	85.0	87.2	88.0	88.5	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0
IV 1000	45.3	76.6	83.2	86.9	89.0	89.9	90.5	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 900	45.5	76.9	83.8	87.2	89.8	90.7	91.4	91.8	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2
IV 800	45.5	77.0	84.1	87.9	90.6	91.8	92.7	93.1	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.6
IV 700	45.5	77.3	84.5	88.6	91.6	93.0	94.1	94.5	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IV 600	45.6	77.5	84.9	89.0	92.5	94.0	95.8	96.3	96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0
IV 500	45.6	77.6	85.2	89.3	92.9	94.4	96.4	97.3	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 400	45.6	77.6	85.3	89.4	93.2	94.9	97.0	97.9	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	45.6	77.6	85.3	89.5	93.3	95.0	97.2	98.1	98.2	99.1	99.3	99.4	99.4	99.4	99.4	99.4
IV 200	45.6	77.6	85.3	89.5	93.3	95.0	97.3	98.2	98.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	45.6	77.6	85.3	89.5	93.3	95.0	97.3	98.3	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	45.6	77.6	85.3	89.5	93.3	95.0	97.3	98.3	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1908

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

19841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49,53-68
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20,3	24,0	24,4	24,4	24,6	24,6	24,6	24,6	24,6	24,6	24,6	24,6	24,6	24,6	24,6	24,6
IV 20000	34,2	43,0	43,6	43,7	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8
IV 18000	34,2	43,0	43,6	43,7	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8
IV 16000	34,3	43,2	43,8	43,9	44,0	44,0	44,0	44,0	44,0	44,0	44,0	44,0	44,0	44,0	44,0	44,0
IV 14000	34,8	43,7	44,5	44,5	44,7	44,7	44,7	44,7	44,7	44,7	44,7	44,7	44,7	44,7	44,7	44,7
IV 12000	36,8	46,6	47,3	47,5	47,5	47,5	47,5	47,5	47,5	47,5	47,5	47,5	47,5	47,5	47,5	47,5
IV 10000	38,0	49,3	50,3	50,3	50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7
IV 9000	39,1	50,1	51,0	51,2	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4
IV 8000	40,2	52,3	53,4	53,5	53,8	53,8	53,8	53,8	53,8	53,8	53,8	53,8	53,8	53,8	53,8	53,8
IV 7000	40,7	53,6	54,7	55,0	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1	55,1
IV 6000	40,9	54,3	55,5	55,5	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,8
IV 5000	42,4	56,6	58,2	58,2	58,8	58,8	58,8	58,8	58,8	58,8	58,8	58,8	58,8	58,8	58,8	58,8
IV 4500	43,7	58,3	60,0	60,3	60,8	60,8	60,8	60,8	60,8	60,8	60,8	60,8	60,8	60,8	60,8	60,8
IV 4000	46,0	62,6	64,7	65,1	65,4	65,4	65,4	65,4	65,4	65,4	65,4	65,4	65,4	65,4	65,4	65,4
IV 3500	47,9	65,9	67,9	68,3	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8
IV 3000	49,7	69,7	72,5	73,1	73,7	73,7	73,7	73,7	73,7	73,7	73,7	73,7	73,7	73,7	73,7	73,7
IV 2500	51,5	73,2	76,5	77,4	78,1	78,1	78,1	78,1	78,1	78,1	78,1	78,1	78,1	78,1	78,1	78,1
IV 2000	53,6	77,4	81,1	82,0	82,9	82,9	82,9	82,9	82,9	82,9	82,9	82,9	82,9	82,9	82,9	82,9
IV 1800	53,8	78,4	82,3	83,3	84,2	84,4	84,4	84,4	84,4	84,4	84,4	84,4	84,4	84,4	84,4	84,4
IV 1500	54,0	80,4	83,0	84,2	85,6	85,6	85,6	85,6	85,6	85,6	85,6	85,6	85,6	85,6	85,6	85,6
IV 1200	54,8	81,5	86,9	88,5	90,1	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3
IV 1000	54,8	81,6	87,5	89,0	91,3	91,3	91,3	91,3	91,3	91,3	91,3	91,3	91,3	91,3	91,3	91,3
IV 900	54,9	81,9	88,1	90,3	92,0	92,4	92,4	92,4	92,4	92,4	92,4	92,4	92,4	92,4	92,4	92,4
IV 800	54,9	82,1	88,4	90,9	92,7	93,1	93,1	93,1	93,1	93,1	93,1	93,1	93,1	93,1	93,1	93,1
IV 700	54,9	82,2	88,6	91,5	94,0	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3
IV 600	54,9	82,4	88,9	92,1	94,6	95,3	95,3	95,3	95,3	95,3	95,3	95,3	95,3	95,3	95,3	95,3
IV 500	54,9	82,4	89,0	92,3	94,9	95,6	95,6	95,6	95,6	95,6	95,6	95,6	95,6	95,6	95,6	95,6
IV 400	54,9	82,4	89,0	92,4	95,0	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8
IV 300	54,9	82,4	89,0	92,4	95,0	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8
IV 200	54,9	82,4	89,0	92,4	95,0	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8
IV 100	54,9	82,4	89,0	92,4	95,0	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8
IV 0	54,9	82,4	89,0	92,4	95,0	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8	95,8

TOTAL NUMBER OF OBSERVATIONS 1917

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
 STATION

WILMINGTON OHIO/CLINTON CU AFB
 STATION NAME

44w49,53w68
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20,9	24,8	25,1	25,1	25,2	25,2	25,2	25,2	25,2	25,2	25,2	25,2	25,2	25,2	25,2	25,2
IV 20000	25,8	24,4	25,0	25,2	25,5	25,3	25,5	25,5	25,5	25,5	25,5	25,5	25,5	25,5	25,5	25,5
IV 18000	25,4	24,3	25,1	25,3	25,6	25,6	25,6	25,6	25,6	25,6	25,6	25,6	25,6	25,6	25,6	25,6
IV 16000	26,0	24,7	25,2	25,5	25,7	25,7	25,7	25,7	25,7	25,7	25,7	25,7	25,7	25,7	25,7	25,7
IV 14000	26,3	25,2	25,9	26,1	26,4	26,4	26,4	26,4	26,4	26,4	26,4	26,4	26,4	26,4	26,4	26,4
IV 12000	26,4	25,0	25,8	26,1	26,4	26,4	26,4	26,4	26,4	26,4	26,4	26,4	26,4	26,4	26,4	26,4
IV 10000	40,3	31,6	32,6	32,9	33,2	33,2	33,2	33,2	33,2	33,2	33,2	33,2	33,2	33,2	33,2	33,2
IV 9000	41,0	32,6	33,6	33,9	34,2	34,2	34,2	34,2	34,2	34,2	34,2	34,2	34,2	34,2	34,2	34,2
IV 8000	41,7	33,9	35,1	35,4	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8
IV 7000	42,2	35,2	36,3	36,8	37,2	37,2	37,2	37,2	37,2	37,2	37,2	37,2	37,2	37,2	37,2	37,2
IV 6000	42,3	36,2	37,5	37,8	38,2	38,3	38,3	38,3	38,3	38,3	38,3	38,3	38,3	38,3	38,3	38,3
IV 5000	44,7	39,7	41,4	41,8	42,2	42,3	42,3	42,3	42,3	42,3	42,3	42,3	42,3	42,3	42,3	42,3
IV 4500	46,7	42,8	44,5	44,9	45,4	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5
IV 4000	49,6	47,2	49,0	49,3	50,1	50,2	50,2	50,2	50,2	50,2	50,2	50,2	50,2	50,2	50,2	50,2
IV 3500	51,4	70,0	72,3	72,8	73,3	73,7	73,8	73,8	73,8	73,8	73,8	73,8	73,8	73,8	73,8	73,8
IV 3000	53,2	73,2	75,7	76,3	77,2	77,4	77,5	77,6	77,6	77,6	77,6	77,6	77,6	77,6	77,6	77,6
IV 2500	54,9	78,1	81,4	82,1	83,1	83,5	83,6	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7
IV 2000	56,0	80,3	84,3	85,2	86,3	86,8	87,1	87,4	87,4	87,4	87,4	87,4	87,4	87,4	87,4	87,4
IV 1800	56,1	80,3	85,0	85,8	87,1	87,4	87,7	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0
IV 1500	56,3	82,3	87,1	88,2	89,8	90,3	90,6	90,9	90,9	90,9	90,9	90,9	90,9	90,9	90,9	90,9
IV 1200	56,9	83,1	88,3	90,1	91,9	92,4	92,9	93,2	93,2	93,2	93,2	93,2	93,2	93,2	93,2	93,2
IV 1000	57,0	83,3	89,6	91,8	93,7	94,3	94,8	95,0	95,4	95,4	95,4	95,4	95,4	95,4	95,4	95,4
IV 900	57,0	83,6	90,0	92,0	94,2	94,8	95,0	95,0	95,4	95,4	95,4	95,4	95,4	95,4	95,4	95,4
IV 800	57,0	83,6	90,1	92,3	94,7	95,4	95,7	96,0	96,7	96,7	96,7	96,7	96,7	96,7	96,7	96,7
IV 700	57,0	83,7	90,2	92,6	95,0	95,8	96,8	97,4	97,4	97,4	97,4	97,4	97,4	97,4	97,4	97,4
IV 600	57,0	83,7	90,2	92,7	95,6	96,5	97,7	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3
IV 500	57,0	83,7	90,2	92,9	95,9	96,9	98,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0
IV 400	57,0	83,7	90,2	92,9	96,0	96,9	98,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1
IV 300	57,0	83,7	90,2	92,9	96,0	96,9	98,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1
IV 200	57,0	83,7	90,2	92,9	96,0	96,9	98,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1
IV 100	57,0	83,7	90,2	92,9	96,0	96,9	98,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1
IV 0	57,0	83,7	90,2	92,9	96,0	96,9	98,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	100,0

TOTAL NUMBER OF OBSERVATIONS 1964

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 STATION WILMINGTON OHIO/CLINTON CO AFH 44-49,53-68 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.2	30.3	30.9	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 2000	32.4	47.9	48.7	49.0	49.3	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 18000	35.4	48.2	49.0	49.3	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 16000	35.4	48.3	49.1	49.4	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 14000	36.0	49.4	50.3	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 12000	37.3	51.7	53.0	53.3	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 10000	39.8	55.7	57.2	57.8	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 9000	40.1	56.5	58.3	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 8000	41.2	59.4	61.7	62.3	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 7000	42.3	61.7	64.0	64.6	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 6000	43.3	63.0	65.4	66.2	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 5000	44.3	65.0	68.0	69.7	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 4500	45.3	67.9	70.9	71.9	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 4000	46.9	71.3	74.6	75.6	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 3500	48.1	73.4	77.2	78.3	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 3000	48.9	75.7	79.6	81.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 2500	49.6	78.4	82.6	84.1	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2000	50.2	80.6	85.3	87.2	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1800	50.3	81.0	85.9	87.8	89.6	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	50.6	81.8	87.2	89.4	91.8	92.2	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1200	50.6	82.6	88.4	91.1	93.3	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1000	50.6	82.8	89.0	91.7	94.3	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 900	50.6	82.8	89.2	92.0	94.9	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 800	50.6	82.8	89.3	92.4	95.6	96.3	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	50.6	82.8	89.3	92.4	95.6	96.3	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 600	50.6	82.8	89.4	92.6	96.2	97.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	50.6	82.8	89.4	92.7	96.4	97.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 400	50.6	82.8	89.4	92.7	96.4	97.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	50.6	82.8	89.4	92.7	96.4	97.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 200	50.6	82.8	89.4	92.7	96.4	97.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 100	50.6	82.8	89.4	92.7	96.4	97.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
0	50.6	82.8	89.4	92.7	96.4	97.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 1965

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

19841
STATION

WILMINGTON OHIO/CLINTON CD AFB
STATION NAME

44-49-53-08
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.0	41.0	41.8	42.0	42.4	42.4	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	34.7	52.1	54.6	54.6	55.1	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 18000	34.9	52.2	54.7	54.7	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 16000	34.9	52.2	54.7	54.7	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 14000	35.2	52.5	55.0	55.0	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 12000	37.0	56.8	58.1	58.1	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 10000	38.9	59.8	61.1	61.1	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 9000	39.3	60.7	62.1	62.1	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 8000	40.7	62.7	64.2	64.2	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 7000	41.7	63.2	64.7	64.7	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 6000	42.2	63.6	65.1	65.1	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 5000	43.2	64.9	66.4	66.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 4500	43.9	65.6	67.1	67.1	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 4000	44.8	66.5	68.0	68.0	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 3500	45.9	67.4	68.9	68.9	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 3000	46.0	68.0	69.5	69.5	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 2500	46.7	69.1	70.6	70.6	71.7	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 2000	47.3	69.9	71.4	71.4	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 1800	47.3	69.9	71.4	71.4	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 1500	47.3	69.9	71.4	71.4	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 1200	47.4	70.0	71.5	71.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 1000	47.4	70.0	71.5	71.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 900	47.4	70.0	71.5	71.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 800	47.5	70.1	71.6	71.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 700	47.5	70.1	71.6	71.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 600	47.5	70.1	71.6	71.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 500	47.5	70.1	71.6	71.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 400	47.5	70.1	71.6	71.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 300	47.5	70.1	71.6	71.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 200	47.5	70.1	71.6	71.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 100	47.5	70.1	71.6	71.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
0	47.5	70.1	71.6	71.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION
 ETAC, USAF
 ASREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CG AFB
STATION NAME

44-49, 53-68
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.4	31.9	32.9	33.3	33.6	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9
IV 2000	31.0	46.4	47.9	48.3	48.8	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.1	49.1	49.1
IV 1800	31.0	46.3	48.0	48.5	48.8	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.2	49.2	49.2
IV 1600	31.0	46.7	48.2	48.7	49.0	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4
IV 1400	32.2	47.5	49.1	49.6	50.0	50.0	50.1	50.1	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3
IV 1200	33.7	50.0	51.7	52.3	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
IV 1000	35.0	53.3	55.1	55.9	56.4	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.8	56.8	56.8
IV 9000	36.0	56.2	58.1	58.9	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8
IV 8000	37.2	56.9	59.0	59.9	60.5	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.9	60.9	60.9
IV 7000	37.2	56.6	60.7	61.9	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9
IV 6000	38.9	59.7	62.2	63.1	63.8	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.3
IV 5000	39.9	62.2	64.9	66.0	66.7	66.8	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.3	67.3
IV 4500	40.4	63.9	66.9	68.1	68.9	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4
IV 4000	41.1	66.7	70.0	71.3	72.1	72.2	72.3	72.3	72.3	72.5	72.5	72.7	72.7	72.7	72.7	72.7
IV 3500	42.0	69.7	72.3	73.6	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3
IV 3000	43.0	71.3	74.1	75.7	77.0	77.1	77.3	77.3	77.3	77.4	77.4	77.5	77.5	77.6	77.6	77.6
IV 2500	44.1	74.2	77.0	78.8	80.3	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7
IV 2000	45.1	77.1	80.0	81.9	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8
IV 1800	45.9	77.6	82.0	84.0	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0
IV 1500	46.8	78.9	84.3	86.4	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5
IV 1200	46.9	79.7	85.5	87.7	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV 1000	46.9	80.2	86.4	88.7	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0
IV 900	46.9	80.3	86.7	89.1	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5
IV 800	46.9	80.6	87.0	89.5	91.6	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0
IV 700	46.9	80.8	87.2	90.0	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5
IV 600	46.9	80.8	87.4	90.4	92.6	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0
IV 500	46.9	80.9	87.5	91.1	93.3	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7
IV 400	46.9	80.9	87.6	91.2	93.6	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0
IV 300	46.9	81.0	87.7	91.3	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2
IV 200	46.9	81.0	87.7	91.3	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2
IV 100	46.9	81.0	87.7	91.3	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2
IV 0	46.9	81.0	87.7	91.3	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS 14750

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

19841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49, 53-61, 63-68
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.9	30.4	31.9	32.7	33.1	33.1	33.1	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.9
IV 20000	38.0	38.7	60.4	61.3	61.8	61.8	62.0	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.5	62.5
IV 18000	38.0	38.7	60.4	61.3	61.8	61.8	62.0	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.5	62.5
IV 16000	38.0	38.6	60.4	61.4	61.9	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.6	62.6
IV 14000	39.0	39.7	61.4	62.3	62.9	62.9	63.0	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.9	63.9
IV 12000	40.2	41.7	63.6	64.7	65.7	65.9	65.9	66.0	66.0	66.6	66.6	66.6	66.6	66.6	66.9	66.9
IV 10000	41.6	44.5	66.6	67.8	68.7	68.9	68.9	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.9	69.9
IV 9000	41.6	45.0	67.1	68.4	69.0	69.0	69.1	69.2	69.2	69.9	69.9	69.9	69.9	69.9	70.1	70.1
IV 8000	42.0	47.0	69.3	70.6	71.2	71.2	71.4	71.4	71.4	71.9	71.9	71.9	71.9	71.9	72.0	72.0
IV 7000	43.3	49.1	71.7	73.1	73.8	73.8	74.1	74.1	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 6000	43.9	50.5	73.2	74.7	75.6	75.6	75.9	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.4	76.4
IV 5000	44.1	52.3	76.3	77.9	78.9	79.0	79.2	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.8	79.8
IV 4500	44.2	54.9	77.7	79.3	80.4	80.5	80.8	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.3	81.3
IV 4000	44.7	57.0	79.5	81.3	82.2	82.3	82.5	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.1	83.1
IV 3500	44.9	57.2	80.7	82.7	83.7	83.8	84.1	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.6	84.6
IV 3000	45.0	59.2	83.1	85.2	86.3	86.4	86.7	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.2	87.2
IV 2500	45.9	60.8	84.9	87.3	88.5	88.7	89.0	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.6	89.6
IV 2000	46.0	61.8	86.0	88.6	90.0	90.2	90.5	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.1	91.1
IV 1800	46.1	62.0	86.9	89.3	90.9	90.9	91.0	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.6	91.6
IV 1500	46.2	62.7	87.1	89.9	91.9	91.6	92.0	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.6	92.6
IV 1200	46.4	63.4	87.6	90.7	93.1	92.6	93.0	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.6	93.6
IV 1000	46.4	63.4	87.6	90.7	93.1	92.6	93.0	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.6	93.6
IV 900	46.5	63.7	88.5	91.8	93.7	93.8	94.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.8	94.8
IV 800	46.5	64.1	89.1	92.3	94.2	94.4	94.8	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.4
IV 700	46.5	64.2	89.2	92.4	94.7	94.9	95.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.2	96.2
IV 600	46.5	64.3	89.3	92.4	94.9	95.6	96.4	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.1	97.1
IV 500	46.5	64.3	89.4	92.5	95.7	96.0	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
IV 400	46.5	64.3	89.4	92.5	95.7	96.0	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
IV 300	46.5	64.3	89.5	92.5	95.8	96.1	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5
IV 200	46.5	64.3	89.5	92.5	95.8	96.1	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5
IV 100	46.5	64.3	89.5	92.5	95.8	96.1	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5
IV 0	46.5	64.3	89.5	92.5	95.8	96.1	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 1782

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

12841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-47, 53-61, 64-68
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0	
NO CEILING	25.5	44.1	45.8	47.0	48.1	48.4	48.9	49.0	49.0	49.4	49.6	49.6	49.7	49.7	49.7	50.0
≥ 2000	29.5	50.9	52.8	54.1	55.3	55.7	56.3	56.5	56.5	56.9	57.1	57.1	57.3	57.3	57.7	58.0
IV 18000	29.5	50.9	52.9	54.2	55.3	55.8	56.3	56.6	56.6	57.0	57.2	57.2	57.4	57.4	57.7	58.0
IV 16000	29.5	50.9	52.9	54.2	55.4	55.9	56.4	56.6	56.6	57.0	57.2	57.2	57.5	57.5	57.8	58.1
IV 14000	29.9	51.7	53.7	55.0	56.2	56.7	57.2	57.5	57.5	57.9	58.0	58.0	58.3	58.3	58.6	58.9
IV 12000	30.9	53.2	55.3	56.7	58.0	58.5	59.0	59.2	59.2	59.6	59.8	59.8	60.0	60.0	60.4	60.7
IV 10000	32.3	56.2	58.5	59.9	61.1	61.6	62.1	62.3	62.3	62.8	62.9	62.9	63.2	63.2	63.5	63.8
IV 9000	32.5	56.9	59.1	60.7	61.9	62.4	62.9	63.2	63.2	63.6	63.8	63.8	64.0	64.0	64.3	64.6
IV 8000	33.8	59.0	61.4	63.1	64.3	64.9	65.5	65.9	65.9	66.4	66.5	66.5	66.8	66.8	67.1	67.4
IV 7000	34.3	61.2	63.7	65.4	66.6	67.1	67.6	68.1	68.1	68.6	68.8	68.8	69.0	69.0	69.3	69.6
IV 6000	34.9	62.0	64.5	66.2	67.4	67.9	68.4	68.9	68.9	69.4	69.6	69.6	69.8	69.8	70.1	70.4
IV 5000	35.5	64.3	66.7	68.4	69.6	70.1	70.6	71.1	71.1	71.6	71.8	71.8	72.0	72.0	72.3	72.6
IV 4500	35.5	65.3	67.8	69.5	70.7	71.2	71.7	72.2	72.2	72.7	72.9	72.9	73.1	73.1	73.4	73.7
IV 4000	35.5	67.2	70.0	71.7	72.9	73.4	73.9	74.4	74.4	74.9	75.1	75.1	75.3	75.3	75.6	75.9
IV 3500	36.0	68.4	71.2	72.9	74.1	74.6	75.1	75.6	75.6	76.1	76.3	76.3	76.5	76.5	76.8	77.1
IV 3000	36.4	70.4	73.3	75.0	76.2	76.7	77.2	77.7	77.7	78.2	78.4	78.4	78.6	78.6	78.9	79.2
IV 2500	36.9	71.8	74.7	76.4	77.6	78.1	78.6	79.1	79.1	79.6	79.8	79.8	80.0	80.0	80.3	80.6
IV 2000	36.6	73.0	75.9	77.6	78.8	79.3	79.8	80.3	80.3	80.8	81.0	81.0	81.2	81.2	81.5	81.8
IV 1800	36.8	73.3	76.2	77.9	79.1	79.6	80.1	80.6	80.6	81.1	81.3	81.3	81.5	81.5	81.8	82.1
IV 1500	36.9	73.8	76.7	78.4	79.6	80.1	80.6	81.1	81.1	81.6	81.8	81.8	82.0	82.0	82.3	82.6
IV 1200	37.2	74.6	77.5	79.2	80.4	80.9	81.4	81.9	81.9	82.4	82.6	82.6	82.8	82.8	83.1	83.4
IV 1000	37.3	75.3	78.2	79.9	81.1	81.6	82.1	82.6	82.6	83.1	83.3	83.3	83.5	83.5	83.8	84.1
IV 900	37.3	75.3	78.2	79.9	81.1	81.6	82.1	82.6	82.6	83.1	83.3	83.3	83.5	83.5	83.8	84.1
IV 800	37.3	75.7	78.6	80.3	81.5	82.0	82.5	83.0	83.0	83.5	83.7	83.7	83.9	83.9	84.2	84.5
IV 700	37.3	76.0	78.9	80.6	81.8	82.3	82.8	83.3	83.3	83.8	84.0	84.0	84.2	84.2	84.5	84.8
IV 600	37.3	76.3	79.2	80.9	82.1	82.6	83.1	83.6	83.6	84.1	84.3	84.3	84.5	84.5	84.8	85.1
IV 500	37.3	76.5	79.4	81.1	82.3	82.8	83.3	83.8	83.8	84.3	84.5	84.5	84.7	84.7	85.0	85.3
IV 400	37.3	76.5	79.4	81.1	82.3	82.8	83.3	83.8	83.8	84.3	84.5	84.5	84.7	84.7	85.0	85.3
IV 300	37.3	76.5	79.4	81.1	82.3	82.8	83.3	83.8	83.8	84.3	84.5	84.5	84.7	84.7	85.0	85.3
IV 200	37.3	76.5	79.4	81.1	82.3	82.8	83.3	83.8	83.8	84.3	84.5	84.5	84.7	84.7	85.0	85.3
IV 100	37.3	76.5	79.4	81.1	82.3	82.8	83.3	83.8	83.8	84.3	84.5	84.5	84.7	84.7	85.0	85.3
IV 0	37.3	76.5	79.4	81.1	82.3	82.8	83.3	83.8	83.8	84.3	84.5	84.5	84.7	84.7	85.0	85.3

TOTAL NUMBER OF OBSERVATIONS 1697

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

1984
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49, 53-61, 63-68
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.7	33.2	34.9	35.7	36.6	36.8	37.0	37.2	37.3	37.4	37.4	37.5	37.5	37.5	37.5
IV 20000	29.0	44.7	47.1	48.3	49.8	50.1	50.6	50.7	50.9	51.0	51.1	51.3	51.5	51.5	51.5
IV 18000	29.2	44.9	47.3	48.5	50.0	50.2	50.7	50.9	51.1	51.2	51.2	51.3	51.5	51.6	51.7
IV 16000	29.2	45.1	47.5	48.7	50.2	50.4	51.0	51.1	51.3	51.4	51.5	51.7	51.7	51.9	51.9
IV 14000	29.3	45.3	47.7	49.2	50.7	51.0	51.5	51.7	51.9	52.0	52.0	52.1	52.3	52.4	52.5
IV 12000	31.0	46.1	50.8	52.2	53.8	54.1	54.6	54.8	54.9	55.1	55.1	55.4	55.4	55.5	55.6
IV 10000	33.3	51.8	54.9	56.3	58.1	58.4	58.9	59.1	59.3	59.4	59.4	59.7	59.7	59.8	59.9
IV 9000	33.8	52.0	56.2	57.9	59.6	59.9	60.4	60.6	60.8	60.9	60.9	61.2	61.2	61.3	61.4
IV 8000	35.1	53.2	58.8	60.7	62.3	62.9	63.3	63.7	63.9	64.0	64.0	64.3	64.3	64.4	64.5
IV 7000	35.1	57.4	61.3	62.4	63.2	63.6	63.9	64.1	64.3	64.4	64.5	64.7	64.7	64.8	64.9
IV 6000	36.4	58.4	62.3	64.6	66.4	66.9	67.1	68.0	68.1	68.2	68.3	68.6	68.6	68.7	68.9
IV 5000	37.0	60.0	64.3	65.6	66.6	67.1	67.0	68.2	68.2	68.7	68.9	69.2	69.2	69.3	69.4
IV 4500	37.3	60.7	65.3	67.3	69.0	70.4	71.3	71.6	71.8	72.0	72.2	72.4	72.4	72.6	72.7
IV 4000	38.1	62.9	67.8	70.1	72.6	73.5	74.6	74.9	75.1	75.3	75.5	75.8	75.8	75.9	76.0
IV 3500	38.5	63.7	68.9	71.2	73.7	74.6	75.8	76.2	76.4	76.6	76.8	77.0	77.2	77.3	77.4
IV 3000	38.6	64.7	70.0	72.4	75.1	76.0	77.3	77.8	77.9	78.2	78.3	78.6	78.6	78.7	78.9
IV 2500	39.3	66.2	71.8	74.4	77.2	78.1	79.3	80.0	80.1	80.4	80.6	80.9	80.9	81.0	81.2
IV 2000	39.9	68.0	73.8	76.4	79.3	80.4	81.9	82.4	82.6	83.1	83.2	83.6	83.6	83.7	83.8
IV 1800	40.0	68.4	74.2	76.7	79.7	80.8	82.3	82.8	82.9	83.4	83.6	83.9	83.9	84.0	84.2
IV 1500	40.3	69.5	75.3	78.2	81.3	82.4	84.3	85.0	85.1	85.7	85.9	86.2	86.2	86.3	86.5
IV 1200	40.3	70.1	76.4	79.3	82.4	83.5	85.4	86.1	86.2	86.9	87.0	87.7	87.7	87.8	88.1
IV 1000	40.7	71.2	77.5	80.9	84.6	85.7	87.9	88.7	88.9	89.6	89.9	90.3	90.3	90.4	90.6
IV 900	40.9	71.7	78.3	81.8	85.9	86.9	89.7	90.6	90.7	91.6	91.0	91.4	91.4	91.5	91.7
IV 800	40.9	72.0	78.7	82.4	86.8	87.8	90.9	91.8	91.9	92.8	92.0	92.4	92.4	92.5	92.8
IV 700	40.9	72.1	79.1	82.7	87.1	88.1	91.9	92.8	92.9	93.9	93.3	93.7	93.7	93.8	94.1
IV 600	40.9	72.4	79.5	83.2	87.7	88.7	92.8	93.7	93.8	94.8	94.2	94.6	94.6	94.7	95.0
IV 500	40.9	72.4	79.6	83.4	88.0	89.0	92.8	93.7	93.8	94.8	94.2	94.6	94.6	94.7	95.0
IV 400	40.9	72.6	79.7	83.7	88.5	89.5	93.2	94.1	94.2	95.2	94.6	95.0	95.0	95.1	95.4
IV 300	41.0	72.7	79.9	83.9	89.1	90.1	93.8	94.7	94.8	95.8	95.2	95.6	95.6	95.7	96.0
IV 200	41.0	72.7	79.9	83.9	89.1	90.1	93.8	94.7	94.8	95.8	95.2	95.6	95.6	95.7	96.0
IV 100	41.0	72.7	79.9	83.9	89.1	90.1	93.8	94.7	94.8	95.8	95.2	95.6	95.6	95.7	96.0
IV 0	41.0	72.7	79.9	83.9	89.1	90.1	93.8	94.7	94.8	95.8	95.2	95.6	95.6	95.7	96.0

TOTAL NUMBER OF OBSERVATIONS 1782

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 STATION WILMINGTON OHIO/CLINTON CD AFB STATION NAME 44-49, 53-68 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (L. S. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.2	33.9	34.1	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	40.4	50.8	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 18000	40.4	50.8	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 16000	40.4	50.8	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 14000	40.9	52.0	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 12000	42.5	56.1	55.1	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000	44.5	57.2	58.3	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 9000	44.9	58.1	59.4	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	45.7	60.5	61.9	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	46.3	62.1	63.6	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	46.5	62.3	64.2	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	47.7	64.6	66.6	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500	48.1	65.4	67.3	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4000	49.0	67.4	69.4	70.2	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 3500	49.6	68.4	70.3	71.3	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 3000	50.9	70.3	72.1	73.1	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 2500	53.2	73.3	76.1	77.2	77.9	77.9	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2000	54.6	76.4	79.6	80.7	81.7	81.9	82.1	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1800	54.9	77.1	80.3	81.6	82.6	82.8	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	55.7	79.4	83.2	84.6	85.7	86.0	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	56.3	81.3	85.9	86.9	88.3	88.7	89.0	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1000	56.4	82.2	86.7	88.4	90.1	90.3	90.4	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	56.5	82.9	87.3	88.8	91.0	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5
≥ 800	56.5	82.2	88.1	90.3	92.2	92.9	93.3	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	56.9	83.1	88.7	90.8	92.9	93.9	94.8	95.2	95.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6
≥ 600	56.7	83.9	89.2	91.4	93.7	94.8	95.8	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	56.7	84.1	89.3	92.0	94.3	95.6	97.0	98.0	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	56.7	84.1	89.3	92.0	94.6	95.8	97.1	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	56.7	84.1	89.6	92.2	94.7	95.9	97.7	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	56.7	84.1	89.6	92.2	94.7	95.9	97.7	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	56.7	84.1	89.6	92.2	94.7	95.9	97.7	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	56.7	84.1	89.6	92.2	94.7	95.9	97.7	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1960

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

CEILING VERSUS VISIBILITY

13641
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49-53-66
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.8	28.1	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 20000	39.3	46.5	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 18000	39.6	46.9	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 16000	39.7	47.0	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 14000	40.3	47.7	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 12000	41.3	48.3	48.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 10000	43.5	52.5	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 9000	44.0	53.4	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 8000	44.3	54.6	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 7000	44.5	55.2	55.9	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 6000	45.0	56.0	56.7	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 5000	46.7	58.6	59.4	59.8	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 4500	48.0	60.4	61.2	61.5	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 4000	51.5	64.9	65.7	66.0	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 3500	54.2	68.8	69.8	70.2	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 3000	56.9	73.0	74.4	74.9	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 2500	60.8	78.8	80.5	81.0	81.6	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 2000	62.9	82.2	84.2	85.0	85.9	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 1800	62.9	83.1	85.1	86.1	86.9	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 1500	63.3	83.3	87.8	89.1	90.1	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1200	63.8	87.2	90.2	91.3	92.3	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1000	63.9	88.0	91.2	92.8	94.1	95.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 900	64.0	88.1	91.3	93.0	94.4	95.0	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 800	64.1	88.4	91.7	93.9	95.5	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 700	64.1	88.6	92.0	94.3	96.0	96.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 600	64.1	89.0	92.6	95.0	96.9	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	64.1	89.2	92.8	95.2	97.1	98.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	64.1	89.2	92.8	95.2	97.1	98.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	64.1	89.2	92.8	95.2	97.1	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	64.1	89.2	92.8	95.2	97.1	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	64.1	89.2	92.8	95.2	97.1	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	64.1	89.2	92.8	95.2	97.1	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1973

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

CEILING VERSUS VISIBILITY

12841 MILMINGTON DMIC/CLINTON CU AFB

44-48,53008

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS R. S. T.

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	> 0	≥ 0
NO CEILING	25.3	29.3	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
IV 20000	41.3	50.5	51.0	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 18000	41.3	50.6	51.2	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 16000	42.1	51.6	52.3	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 14000	44.3	53.6	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 12000	46.2	56.5	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 10000	46.5	57.3	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 9000	47.7	59.3	60.2	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 8000	48.4	61.2	61.9	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 7000	49.0	62.4	63.3	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 6000	50.0	64.9	65.8	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 5000	52.4	67.3	68.4	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 4500	53.2	71.7	72.0	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 4000	55.2	73.9	74.3	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 3500	57.5	76.0	77.3	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3000	59.4	79.4	81.3	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 2500	61.3	82.3	83.8	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2000	62.3	83.3	84.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1800	62.3	83.3	84.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1500	62.3	83.3	84.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1200	63.2	88.2	91.6	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1000	63.2	88.2	91.6	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 900	63.3	89.0	92.3	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 800	63.3	89.1	92.7	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 700	63.3	89.3	93.1	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	63.3	89.3	93.2	96.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500	63.3	89.3	93.2	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 450	63.3	89.3	93.3	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 400	63.3	89.3	93.3	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 300	63.3	89.3	93.3	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 200	63.3	89.3	93.3	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 100	63.3	89.3	93.3	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 0	63.3	89.3	93.3	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBVILLE, N. C., 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CB AFB
STATION NAME

44-49,53-68
Y.ATS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS-UT

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING ≥ 20000	28.0	35.5	35.9	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 18000 16000	44.2	56.9	57.7	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 14600 12000	45.1	58.5	59.4	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 10000 9000	48.8	64.9	65.1	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 8000 7000	50.9	66.7	67.0	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 6000 5000	52.1	72.5	74.3	75.2	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 4000	54.4	76.6	78.8	79.9	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 3500 3000	56.2	81.2	82.8	83.0	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 2500 2000	58.0	85.5	88.5	90.2	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1800 1500	58.3	87.0	90.5	92.1	93.3	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1200 1000	58.4	87.7	91.5	93.3	94.9	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 900 800	58.6	87.8	91.7	93.9	95.6	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 700 600	58.5	87.9	91.9	94.3	96.2	97.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 500 400	58.5	88.1	92.2	94.7	96.8	97.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 300 200	58.5	88.1	92.2	94.7	96.8	98.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100 0	58.5	88.1	92.2	94.7	96.8	98.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 2031

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28001

CEILING VERSUS VISIBILITY

12841 STATION WILMINGTON OHIO/CLINTON CO AFB 44-49,53-68 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L. S. T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30,9	30,0	51,5	51,8	51,8	51,8	51,9	51,9	51,9	51,9	51,9	51,9	51,9	51,9	51,9	51,9
IV 18000 16000	44,9	62,9	64,2	64,6	64,9	64,9	65,0	65,0	65,0	65,0	65,0	65,0	65,1	65,1	65,1	65,1
IV 14000 12000	44,9	63,7	65,4	65,9	66,3	66,3	66,3	66,3	66,3	66,3	66,4	66,4	66,4	66,4	66,4	66,4
IV 10000 9000	46,9	68,2	70,2	70,9	71,4	71,4	71,4	71,4	71,4	71,4	71,5	71,5	71,5	71,5	71,5	71,5
IV 8000 7000	48,9	71,5	73,7	74,7	75,3	75,3	75,3	75,3	75,3	75,3	75,4	75,4	75,4	75,4	75,4	75,4
IV 6000 5000	50,9	75,9	78,2	79,5	80,3	80,3	80,3	80,3	80,3	80,3	80,4	80,4	80,4	80,4	80,4	80,4
IV 4500 4000	52,2	81,2	82,3	83,9	84,9	84,9	85,0	85,0	85,0	85,0	85,1	85,1	85,1	85,1	85,1	85,1
IV 3500 3000	53,0	82,4	86,2	87,9	89,0	89,0	89,0	89,0	89,0	89,0	89,1	89,1	89,1	89,1	89,1	89,1
IV 2500 2000	54,2	85,4	89,4	91,4	92,7	92,7	92,7	92,7	92,7	92,7	92,8	92,8	92,8	92,8	92,8	92,8
IV 1800 1500	54,9	86,7	90,9	93,2	94,7	94,7	94,8	95,0	95,0	95,0	95,1	95,1	95,1	95,1	95,1	95,1
IV 1200 1000	54,7	87,6	92,0	94,4	96,0	96,0	96,2	96,4	96,4	96,4	96,5	96,5	96,5	96,5	96,5	96,5
IV 900 800	54,7	87,9	92,3	94,9	96,9	96,9	97,2	97,3	97,3	97,3	97,4	97,4	97,4	97,4	97,4	97,4
IV 700 600	54,7	88,0	92,7	95,2	97,3	97,3	97,7	97,8	97,8	97,8	98,0	98,0	98,0	98,0	98,0	98,0
IV 500 400	54,7	88,1	92,8	95,7	97,4	97,4	97,8	98,0	98,0	98,0	98,1	98,1	98,1	98,1	98,1	98,1
IV 300 200	54,7	88,2	93,2	96,0	98,4	98,4	98,4	98,6	98,6	98,6	98,7	98,7	98,7	98,7	98,7	98,7
IV 100 0	54,7	88,3	93,2	96,0	98,5	98,5	98,4	98,8	98,8	98,8	99,0	99,0	99,0	99,0	99,0	99,0

TOTAL NUMBER OF OBSERVATIONS 2022

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 STATION WILMINGTON OHIO/CLINTON CO AFB YEARS 44m49,53m68 MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.0	37.9	38.7	39.2	39.5	39.5	39.6	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.9
IV 20000	38.7	52.7	54.0	54.5	55.1	55.2	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.7
IV 18000	38.8	52.9	54.2	54.8	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.6
IV 16000	38.9	53.0	54.3	54.9	55.4	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.9	56.0
IV 14000	39.3	53.9	55.2	55.9	56.4	56.4	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.9	57.0
IV 12000	40.6	55.9	57.2	57.9	58.4	58.5	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.1
IV 10000	42.4	59.0	60.5	61.3	61.8	61.9	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.5
IV 9000	42.9	59.8	61.4	62.2	62.8	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.3	63.4	63.4
IV 8000	43.9	62.1	63.9	64.9	65.4	65.5	65.7	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.1	66.1
IV 7000	44.7	64.1	66.0	67.1	67.8	67.9	68.1	68.2	68.2	68.3	68.4	68.4	68.4	68.5	68.5	68.6
IV 6000	45.1	65.1	67.2	68.4	69.1	69.3	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.9	69.9
IV 5000	46.2	67.4	69.8	71.0	71.9	72.1	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.7	72.7	72.8
IV 4500	46.9	68.8	71.3	72.6	73.5	73.7	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.4	74.4	74.5
IV 4000	48.2	71.5	74.2	75.6	76.5	76.8	77.1	77.2	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.6
IV 3500	49.2	73.5	76.4	77.9	78.9	79.2	79.5	79.6	79.6	79.7	79.8	79.8	79.8	79.9	79.9	80.0
IV 3000	50.3	75.8	78.9	80.8	81.7	82.0	82.3	82.4	82.4	82.5	82.6	82.6	82.6	82.7	82.8	82.8
IV 2500	51.7	78.4	81.9	83.7	85.0	85.3	85.7	85.8	85.8	85.9	86.0	86.1	86.1	86.1	86.2	86.2
IV 2000	52.5	80.5	84.1	86.0	87.5	87.9	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7
IV 1800	52.9	80.7	84.6	86.5	88.1	88.4	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3
IV 1500	52.9	81.9	86.1	88.2	89.9	90.3	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.3
IV 1200	53.1	82.8	87.2	89.3	91.3	91.8	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8
IV 1000	53.2	83.4	87.9	90.1	92.0	92.5	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5
IV 900	53.3	83.6	88.2	90.5	92.5	93.0	93.6	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0
IV 800	53.3	83.9	88.6	91.0	93.0	93.5	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5
IV 700	53.3	84.1	88.9	91.5	93.5	94.0	94.6	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0
IV 600	53.3	84.3	89.2	92.0	94.0	94.5	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5
IV 500	53.3	84.4	89.3	92.4	94.4	94.9	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9
IV 400	53.3	84.4	89.4	92.4	94.4	94.9	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9
IV 300	53.3	84.4	89.4	92.5	94.5	95.0	95.6	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0
IV 200	53.3	84.4	89.4	92.5	94.5	95.0	95.6	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0
IV 100	53.3	84.4	89.4	92.5	94.5	95.0	95.6	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0
IV 0	53.3	84.4	89.4	92.5	94.5	95.0	95.6	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS 15287

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

19841 WILMINGTON OHIO/CLINTON CO AFB

44-49,53-61,63-68

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS R S T

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 1/16	≥ 0
NO CEILING	36.4	55.4	58.9	60.4	61.1	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	40.8	62.6	67.7	69.6	70.6	70.7	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 18000	40.7	62.5	67.6	69.5	70.6	70.7	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3
IV 16000	40.7	62.6	67.7	69.6	70.7	70.9	71.2	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4
IV 14000	41.1	64.2	68.8	70.7	71.6	71.8	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3
IV 12000	41.9	65.7	71.3	73.4	74.4	74.6	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
IV 10000	43.0	69.6	74.3	76.6	77.6	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
IV 9000	43.9	70.4	75.1	77.6	78.6	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 8000	44.4	72.3	77.3	79.3	80.6	80.7	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 7000	44.7	72.8	78.2	80.4	81.5	81.6	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1
IV 6000	45.1	74.1	79.9	82.2	83.4	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
IV 5000	45.9	76.5	82.5	84.9	86.0	86.1	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
IV 4500	46.1	76.9	83.1	85.4	86.6	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 4000	46.3	78.1	84.3	87.1	88.3	88.5	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
IV 3500	46.4	78.6	85.2	87.8	89.1	89.4	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
IV 3000	46.8	80.1	87.2	89.8	91.1	91.4	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
IV 2500	47.1	80.9	88.2	90.8	92.2	92.4	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
IV 2000	47.3	82.3	89.7	92.4	93.9	94.2	94.8	94.8	94.8	94.7	94.7	94.7	94.7	94.7	94.7
IV 1800	47.6	82.9	89.8	92.9	94.0	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	47.8	82.8	90.1	92.9	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	47.8	83.2	90.8	93.8	95.2	95.5	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1000	47.8	83.2	90.9	93.8	95.4	95.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 900	47.8	83.6	91.6	94.4	96.4	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 800	47.7	83.6	91.6	94.4	96.4	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	47.7	83.7	91.7	94.8	96.8	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 600	47.7	83.9	92.0	95.1	97.2	97.5	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 500	47.8	83.9	92.2	95.4	97.6	98.0	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	47.8	83.9	92.2	95.4	97.6	98.0	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2
IV 300	47.8	83.9	92.2	95.4	97.6	98.0	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2
IV 200	47.8	83.9	92.2	95.4	97.6	98.0	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2
IV 100	47.8	83.9	92.2	95.4	97.6	98.0	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2
IV 0	47.8	83.9	92.2	95.4	97.6	98.0	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 1682

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 53-60, 64-68
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	26.0	44.3	49.0	51.8	53.6	54.1	54.0	54.9	54.9	55.1	55.2	55.2	55.6	55.9	55.7	55.8
IV 18000 16000	31.3	52.5	58.8	61.2	63.4	64.0	64.5	64.9	65.0	65.3	65.4	65.4	65.7	65.8	65.9	66.2
IV 14000 12000	32.0	53.7	60.0	62.3	64.7	65.2	65.8	66.2	66.3	66.6	66.7	66.7	67.0	67.1	67.2	67.5
IV 10000 9000	34.3	56.6	66.7	69.8	72.0	72.6	73.3	73.7	73.8	74.1	74.1	74.1	74.3	74.6	74.7	75.1
IV 8000 7000	34.9	62.0	69.4	72.0	74.9	75.5	76.2	76.6	76.7	77.0	77.0	77.0	77.4	77.5	77.6	78.0
IV 6000 5000	35.4	63.9	71.5	74.9	77.3	78.0	78.7	79.2	79.3	79.6	79.6	80.0	80.1	80.2	80.6	80.6
IV 4500 4000	36.0	66.1	74.0	77.5	79.9	80.6	81.4	81.9	82.0	82.3	82.4	82.4	82.8	82.8	83.0	83.3
IV 3000 3000	36.9	68.2	76.7	80.3	83.0	83.8	84.7	85.2	85.3	85.8	85.9	86.2	86.2	86.3	86.4	86.8
IV 2500 2000	37.5	70.4	79.5	83.9	86.6	87.3	88.5	89.0	89.1	89.4	89.6	89.6	90.0	90.1	90.2	90.6
IV 1800 1500	37.7	71.4	80.7	85.4	88.2	89.1	90.1	90.7	90.7	91.2	91.3	91.3	91.7	91.7	91.9	92.2
IV 1200 1000	37.8	72.6	82.6	87.3	90.4	91.3	92.4	93.0	93.0	93.4	93.5	93.5	94.0	94.0	94.1	94.5
IV 900 800	37.9	73.0	83.3	88.3	91.8	92.3	93.5	94.1	94.2	94.8	94.8	94.8	95.2	95.2	95.4	95.7
IV 700 600	38.1	73.6	84.4	89.3	92.7	93.0	94.8	95.4	95.4	96.0	96.0	96.4	96.5	96.5	96.6	97.0
IV 500 400	38.1	74.0	84.8	89.9	93.4	94.3	95.5	96.1	96.2	96.8	96.9	97.3	97.3	97.4	97.5	97.9
IV 300 200	38.1	74.0	84.8	90.1	93.6	94.5	95.9	96.5	96.6	97.4	97.5	97.7	97.7	97.7	98.4	98.8
IV 100 0	38.1	74.0	84.8	90.1	93.7	94.6	96.0	96.7	96.8	97.6	97.7	97.7	98.6	98.7	99.0	99.3

TOTAL NUMBER OF OBSERVATIONS 1520

DATA PROCESSING DIVISION
 ETAC, USAF
 ASREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 53-60, 63-68
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23,2	35,9	39,6	41,1	42,9	43,8	44,2	44,7	44,7	44,8	45,0	45,0	45,1	45,1	45,1	45,1
IV 20000	32,9	50,0	53,5	57,5	59,4	60,7	61,2	61,6	61,8	62,0	62,3	62,4	62,5	62,5	62,5	62,6
IV 18000	33,0	50,1	53,6	57,5	59,6	60,9	61,3	61,9	62,0	62,2	62,5	62,8	62,7	62,7	62,7	62,8
IV 16000	33,0	50,1	53,6	57,5	59,6	60,9	61,3	61,9	62,0	62,2	62,5	62,8	62,7	62,7	62,7	62,8
IV 14000	34,0	50,7	54,2	58,2	60,4	61,7	62,2	62,8	62,8	63,0	63,3	63,4	63,5	63,5	63,5	63,6
IV 12000	34,0	50,7	54,2	58,2	60,4	61,7	62,2	62,8	62,8	63,0	63,3	63,4	63,5	63,5	63,5	63,6
IV 10000	36,5	57,6	64,0	66,9	69,0	70,4	70,9	71,5	71,5	71,7	72,0	72,1	72,2	72,2	72,2	72,2
IV 9000	36,7	58,2	64,7	67,2	69,9	71,4	71,8	72,5	72,5	72,7	73,1	73,1	73,3	73,3	73,3	73,4
IV 8000	37,5	59,7	66,7	69,4	72,2	73,9	74,4	75,1	75,2	75,9	75,8	75,9	76,1	76,1	76,1	76,1
IV 7000	37,6	61,0	68,3	71,1	73,9	75,6	76,2	76,8	77,2	77,9	77,5	77,6	77,8	77,8	77,8	77,8
IV 6000	37,4	61,7	69,1	71,9	74,7	76,4	77,2	77,8	78,0	78,2	78,6	78,6	78,8	78,8	78,8	78,9
IV 5000	38,8	62,1	70,6	73,3	76,4	78,1	78,9	79,6	79,7	79,9	80,3	80,3	80,5	80,5	80,5	80,6
IV 4500	39,1	63,7	71,4	74,3	77,2	78,9	79,7	80,4	80,5	80,8	81,1	81,2	81,4	81,4	81,4	81,4
IV 4000	39,2	64,7	72,7	75,9	78,8	80,5	81,1	81,8	82,0	82,5	82,8	83,1	83,1	83,1	83,1	83,1
IV 3500	40,3	65,6	73,9	77,1	80,0	81,9	82,0	82,6	82,7	83,0	83,3	83,4	83,6	83,6	83,6	83,6
IV 3000	40,7	66,5	75,1	78,5	81,7	83,6	84,7	85,4	85,5	85,8	86,1	86,2	86,4	86,4	86,4	86,4
IV 2500	41,2	67,9	76,4	79,9	83,2	85,2	86,3	87,0	87,1	87,4	87,7	87,8	88,0	88,0	88,0	88,0
IV 2000	41,3	69,9	77,8	81,4	84,6	86,9	87,7	88,9	89,0	89,2	89,5	89,5	89,9	89,9	89,9	89,9
IV 1800	41,3	69,1	77,8	81,4	84,6	86,9	87,7	88,9	89,0	89,2	89,5	89,5	89,9	89,9	89,9	89,9
IV 1500	41,3	69,6	77,8	81,4	84,6	86,9	87,7	88,9	89,0	89,2	89,5	89,5	89,9	89,9	89,9	89,9
IV 1200	41,3	70,2	79,3	82,3	85,0	87,0	87,4	88,9	89,4	89,6	89,6	89,6	90,0	90,0	90,0	90,0
IV 1000	41,6	71,0	80,2	84,3	86,2	87,4	87,7	89,2	89,7	89,8	89,8	90,0	90,4	90,4	90,4	90,4
IV 900	41,7	71,4	80,6	84,9	86,8	87,9	88,2	89,7	90,2	90,3	90,3	90,3	90,7	90,7	90,7	90,7
IV 800	41,8	71,6	81,1	85,5	87,5	88,6	88,9	90,4	90,9	91,0	91,0	91,0	91,4	91,4	91,4	91,4
IV 700	41,9	71,9	81,2	85,8	87,8	88,9	89,2	90,7	91,2	91,3	91,3	91,3	91,7	91,7	91,7	91,7
IV 600	41,9	71,6	81,2	85,8	87,8	88,9	89,2	90,7	91,2	91,3	91,3	91,3	91,7	91,7	91,7	91,7
IV 500	41,9	71,9	81,5	86,1	88,1	89,2	89,5	91,0	91,5	91,6	91,6	91,6	92,0	92,0	92,0	92,0
IV 400	41,9	72,1	81,7	86,1	88,1	89,2	89,5	91,0	91,5	91,6	91,6	91,6	92,0	92,0	92,0	92,0
IV 350	41,9	72,1	81,7	86,1	88,1	89,2	89,5	91,0	91,5	91,6	91,6	91,6	92,0	92,0	92,0	92,0
IV 200	41,9	72,1	81,7	86,1	88,1	89,2	89,5	91,0	91,5	91,6	91,6	91,6	92,0	92,0	92,0	92,0
IV 100	41,9	72,1	81,7	86,1	88,1	89,2	89,5	91,0	91,5	91,6	91,6	91,6	92,0	92,0	92,0	92,0
IV 0	41,9	72,1	81,7	86,1	88,1	89,2	89,5	91,0	91,5	91,6	91,6	91,6	92,0	92,0	92,0	92,0

TOTAL NUMBER OF OBSERVATIONS 1879

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

12841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49-53-68
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/10	≥ ¼	≥ 0
NO CEILING	28,4	39,1	41,4	42,1	42,6	42,7	42,7	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,8
≥ 20000	40,3	55,9	59,3	60,2	60,9	61,1	61,1	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2
IV 18000	40,3	56,0	59,4	60,4	61,0	61,2	61,2	61,4	61,4	61,4	61,4	61,4	61,4	61,4	61,4	61,4
IV 16000	40,3	56,3	59,7	60,8	61,4	61,6	61,6	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7
IV 14000	41,3	57,2	60,6	61,6	62,2	62,4	62,4	62,6	62,6	62,6	62,6	62,6	62,6	62,6	62,6	62,6
IV 12000	42,1	59,0	62,6	63,8	64,5	64,7	64,9	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0
IV 10000	43,0	61,7	66,0	67,3	68,1	68,3	68,6	68,7	68,7	68,7	68,7	68,7	68,7	68,7	68,7	68,7
IV 9000	43,8	62,3	66,6	68,0	68,8	69,1	69,2	69,4	69,4	69,4	69,4	69,4	69,4	69,4	69,4	69,4
IV 8000	44,3	63,9	68,6	70,0	71,0	71,2	71,3	71,6	71,6	71,6	71,6	71,6	71,6	71,6	71,6	71,6
IV 7000	45,0	65,3	70,1	71,7	72,7	72,9	73,1	73,3	73,3	73,3	73,3	73,3	73,3	73,3	73,3	73,3
IV 6000	45,3	66,2	71,1	72,8	73,9	74,2	74,3	74,6	74,6	74,6	74,6	74,6	74,6	74,6	74,6	74,6
IV 5000	46,3	68,0	72,9	74,6	75,9	76,3	76,5	76,7	76,7	76,7	76,7	76,7	76,7	76,7	76,7	76,7
IV 4500	46,8	68,4	73,4	75,1	76,5	76,9	77,1	77,3	77,3	77,3	77,3	77,3	77,3	77,3	77,3	77,3
IV 4000	47,3	69,8	73,1	74,8	76,5	76,9	77,2	77,4	77,4	77,4	77,4	77,4	77,4	77,4	77,4	77,4
IV 3500	48,6	71,2	76,6	78,6	80,2	80,6	80,9	81,1	81,1	81,1	81,1	81,1	81,1	81,1	81,1	81,1
IV 3000	49,7	73,1	78,7	80,7	82,3	82,6	83,0	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2
IV 2500	51,7	76,3	81,9	84,0	85,6	86,0	86,4	86,6	86,6	86,6	86,6	86,6	86,6	86,6	86,6	86,6
IV 2000	52,6	79,0	85,4	87,6	89,3	89,8	90,2	90,4	90,4	90,4	90,4	90,4	90,4	90,4	90,4	90,4
IV 1800	53,0	79,3	86,0	88,3	90,2	90,6	91,0	91,2	91,2	91,2	91,2	91,2	91,2	91,2	91,2	91,2
IV 1500	55,4	80,5	87,2	89,5	91,5	91,9	92,4	92,6	92,6	92,6	92,6	92,6	92,6	92,6	92,6	92,6
IV 1200	53,3	81,3	88,3	90,9	93,0	93,4	93,8	94,1	94,1	94,1	94,1	94,1	94,1	94,1	94,1	94,1
IV 1000	53,8	82,7	89,5	92,4	94,5	94,9	95,3	95,6	95,6	95,6	95,6	95,6	95,6	95,6	95,6	95,6
IV 900	54,0	83,2	90,2	93,0	95,4	95,8	96,2	96,5	96,5	96,5	96,5	96,5	96,5	96,5	96,5	96,5
IV 800	54,0	83,4	90,6	93,3	95,9	96,3	96,7	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,0
IV 700	54,0	83,5	90,7	93,5	96,1	96,5	97,0	97,3	97,3	97,3	97,3	97,3	97,3	97,3	97,3	97,3
IV 600	54,0	83,5	90,7	93,5	96,2	96,6	97,2	97,5	97,5	97,5	97,5	97,5	97,5	97,5	97,5	97,5
IV 500	54,0	83,5	90,9	93,7	96,4	96,8	97,4	97,7	97,7	97,7	97,7	97,7	97,7	97,7	97,7	97,7
IV 400	54,0	83,5	90,9	93,7	96,5	97,0	97,6	97,9	97,9	97,9	97,9	97,9	97,9	97,9	97,9	97,9
IV 300	54,0	83,5	90,9	93,7	96,5	97,0	97,6	97,9	97,9	97,9	97,9	97,9	97,9	97,9	97,9	97,9
IV 200	54,0	83,5	90,9	93,7	96,5	97,0	97,6	97,9	97,9	97,9	97,9	97,9	97,9	97,9	97,9	97,9
IV 100	54,0	83,5	90,9	93,7	96,5	97,0	97,6	97,9	97,9	97,9	97,9	97,9	97,9	97,9	97,9	97,9
IV 0	54,0	83,5	90,9	93,7	96,5	97,0	97,6	97,9	97,9	97,9	97,9	97,9	97,9	97,9	97,9	97,9

TOTAL NUMBER OF OBSERVATIONS

1832

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHBVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

13841
STATION

W. LAMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-49-53-68
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.2	33.5	34.5	34.8	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 20000	39.2	50.5	52.0	52.7	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 18000	39.3	50.5	52.1	52.8	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 16000	39.6	50.5	52.3	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 14000	40.0	51.8	53.3	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 12000	41.5	53.3	55.5	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 10000	43.8	57.4	59.9	61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 9000	44.0	58.0	60.5	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 8000	44.9	59.7	62.4	63.5	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 7000	45.2	60.3	63.4	64.6	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 6000	45.9	60.9	63.8	65.2	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 5000	46.2	62.3	65.6	67.2	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 4500	46.7	63.3	66.6	68.3	68.5	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 4000	47.1	63.5	67.0	68.8	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 3500	47.2	63.6	67.3	69.2	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 3000	47.6	63.8	67.6	69.5	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 2500	48.1	64.1	68.1	70.1	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 2000	48.7	64.5	68.7	70.7	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 1800	49.0	64.7	68.9	70.9	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 1500	49.3	64.9	69.1	71.1	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 1200	49.6	65.1	69.3	71.3	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 1000	49.8	65.2	69.4	71.4	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 900	49.9	65.3	69.5	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 800	49.9	65.3	69.5	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 700	49.9	65.3	69.5	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 600	49.9	65.3	69.5	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 500	49.9	65.3	69.5	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 400	49.9	65.3	69.5	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 300	49.9	65.3	69.5	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 200	49.9	65.3	69.5	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 100	49.9	65.3	69.5	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
0	49.9	65.3	69.5	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0

TOTAL NUMBER OF OBSERVATIONS 1857

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28891

CEILING VERSUS VISIBILITY

12241
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49-83-68
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28,1	34,2	35,7	36,1	36,3	36,3	36,3	36,3	36,3	36,3	36,3	36,3	36,3	36,3	36,3	36,3
≥ 20000	43,9	54,2	56,8	57,6	57,7	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8
IV 18000	44,1	54,6	57,2	58,0	58,1	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2
IV 16000	44,8	55,0	58,2	59,0	59,1	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2
IV 14000	46,7	58,4	61,0	61,9	62,1	62,1	62,1	62,1	62,1	62,1	62,1	62,1	62,1	62,1	62,1	62,1
IV 12000	49,2	62,2	64,8	66,0	66,2	66,3	66,3	66,3	66,3	66,3	66,3	66,3	66,3	66,3	66,3	66,3
IV 10000	49,6	62,9	63,6	66,8	67,1	67,1	67,1	67,1	67,1	67,1	67,1	67,1	67,1	67,1	67,1	67,1
IV 8000	50,2	64,1	67,0	68,4	68,6	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8
IV 7000	50,9	65,0	67,9	69,3	69,6	69,8	69,8	69,8	69,8	69,8	69,8	69,8	69,8	69,8	69,8	69,8
IV 6000	51,1	65,5	68,4	69,9	70,2	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3
IV 5000	51,9	67,5	70,3	72,1	72,5	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7
IV 4500	53,4	69,8	72,9	74,5	75,0	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2
IV 4000	56,4	74,1	77,8	79,5	80,1	80,3	80,4	80,4	80,4	80,4	80,4	80,4	80,4	80,4	80,4	80,4
IV 3500	58,9	77,1	80,9	82,8	83,6	83,8	83,9	83,9	83,9	83,9	83,9	83,9	83,9	83,9	83,9	83,9
IV 3000	60,7	81,7	83,6	87,8	88,7	88,8	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9
IV 2500	62,0	84,9	88,0	90,9	91,9	92,0	92,1	92,1	92,1	92,1	92,1	92,1	92,1	92,1	92,1	92,1
IV 2000	63,1	86,7	91,2	93,7	93,0	93,1	93,3	93,3	93,3	93,3	93,3	93,3	93,3	93,3	93,3	93,3
IV 1800	63,9	88,9	91,5	94,1	93,4	93,5	93,8	93,8	93,8	93,8	93,8	93,8	93,8	93,8	93,8	93,8
IV 1500	63,4	87,3	92,3	94,5	96,5	96,7	97,1	97,2	97,2	97,2	97,2	97,2	97,2	97,2	97,2	97,2
IV 1200	63,9	88,2	93,0	95,7	97,3	97,4	97,9	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3
IV 1000	63,4	88,3	93,1	96,0	97,7	97,9	98,3	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5
IV 900	63,4	88,3	93,2	96,1	98,0	98,2	98,7	98,8	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9
IV 800	63,4	88,3	93,2	96,2	98,0	98,4	99,0	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1
IV 700	63,4	88,3	93,2	96,2	98,2	98,6	99,1	99,2	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3
IV 600	63,4	88,4	93,3	96,4	98,2	98,7	99,1	99,4	99,4	99,4	99,4	99,4	99,4	99,4	99,4	99,4
IV 500	63,4	88,4	93,3	96,4	98,3	98,7	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3
IV 400	63,4	88,4	93,3	96,4	98,4	98,8	99,4	99,5	99,6	99,6	99,6	99,6	99,6	99,6	99,6	99,6
IV 300	63,4	88,4	93,3	96,4	98,4	98,8	99,4	99,5	99,6	99,6	99,6	99,6	99,6	99,6	99,6	99,6
IV 200	63,4	88,4	93,3	96,4	98,4	98,8	99,4	99,5	99,6	99,6	99,6	99,6	99,6	99,6	99,6	99,6
IV 100	63,4	88,4	93,3	96,4	98,4	98,8	99,4	99,5	99,6	99,6	99,6	99,6	99,6	99,6	99,6	99,6
IV 0	63,4	88,4	93,3	96,4	98,4	98,8	99,4	99,5	99,6	99,6	99,6	99,6	99,6	99,6	99,6	100,0

TOTAL NUMBER OF OBSERVATIONS 1937

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 WILMINGTON OHIO/CLINTON CO AFB

44-49-53-68

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)																		
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0	
NO CEILING	31.5	40.2	42.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	40.0	42.7	44.1	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 18000	46.5	48.7	50.1	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 16000	46.7	48.9	50.3	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 14000	47.2	49.4	50.8	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 12000	47.8	50.0	51.4	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 10000	49.7	51.9	53.3	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 9000	50.4	52.6	54.0	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 8000	50.9	53.1	54.5	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 7000	51.3	53.5	54.9	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 6000	51.9	54.1	55.5	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 5000	52.4	54.6	56.0	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 4500	53.3	55.5	56.9	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 4000	54.3	56.5	57.9	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 3500	54.9	57.1	58.5	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 3000	56.1	58.3	59.7	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 2500	56.6	58.8	60.2	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 2000	57.2	59.4	60.8	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 1800	57.2	59.4	60.8	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 1500	57.2	59.4	60.8	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 1200	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 1000	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 900	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 800	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 700	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 600	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 500	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 400	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 300	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 200	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 100	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 0	57.4	59.6	61.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHBVILLE, N. C. 28601

CEILING VERSUS VISIBILITY

12841 WILMINGTON OHIO/CLINTON CU AFB

44-49, 53-68

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≤ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.0	52.2	55.1	56.1	56.3	56.3	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 2000	42.9	64.4	69.1	70.5	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1800	42.9	64.4	69.1	70.5	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1600	42.9	64.4	69.1	70.5	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1400	43.3	65.3	69.9	71.5	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 1200	44.5	67.0	71.8	73.5	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 1000	45.8	69.7	74.8	76.5	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 900	46.4	70.8	75.9	77.5	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 800	46.8	71.9	77.0	78.5	79.5	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 700	47.2	72.8	78.4	80.0	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 600	47.3	73.5	79.1	81.1	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 500	48.2	76.1	82.3	84.3	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 450	48.0	76.9	83.2	85.2	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 400	49.4	78.7	85.3	87.6	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 350	49.0	79.9	86.0	88.9	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 300	50.2	81.5	88.8	91.1	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 2500	50.8	82.2	90.2	92.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2000	50.8	82.2	90.2	92.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1800	50.8	84.3	92.2	94.8	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500	50.5	84.3	92.7	95.3	96.4	96.4	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1200	50.9	84.9	93.3	96.0	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000	50.9	85.2	93.9	96.6	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	51.0	85.4	94.0	96.8	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	51.0	85.3	94.1	96.8	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	51.0	85.3	94.2	96.9	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	51.0	85.3	94.2	96.9	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	51.0	85.3	94.2	97.0	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	51.0	85.3	94.2	97.1	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 350	51.0	85.3	94.3	97.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	51.0	85.3	94.3	97.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	51.0	85.3	94.3	97.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	51.0	85.3	94.3	97.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 1937

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

19841 STATION WILMINGTON RHIO:CLINTON CO AFB 44-49-52-68 YEARS JUN MONTH ALL HOURS (24)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	29.0	41.7	44.5	45.9	46.1	46.3	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.8
≥ 20000	40.0	56.9	60.7	62.1	62.9	63.2	63.3	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.8
IV 18000	40.0	56.9	60.7	62.1	62.9	63.2	63.3	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.8
IV 16000	40.2	57.1	61.0	62.4	63.2	63.5	63.6	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.1
IV 14000	40.7	58.0	61.8	63.2	64.0	64.3	64.4	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.9
IV 12000	41.9	60.5	64.3	65.7	66.5	66.8	67.1	67.3	67.3	67.5	67.5	67.6	67.6	67.6	67.7	67.8
IV 10000	43.0	63.4	67.2	68.6	69.4	69.7	70.0	70.2	70.2	70.4	70.4	70.5	70.5	70.5	70.6	70.6
IV 9000	44.0	64.4	68.2	69.6	70.4	70.7	71.0	71.2	71.2	71.4	71.4	71.5	71.5	71.5	71.6	71.6
IV 8000	44.8	65.2	69.0	70.4	71.2	71.5	71.8	72.0	72.0	72.2	72.2	72.3	72.3	72.3	72.4	72.4
IV 7000	45.0	66.7	71.7	73.1	73.9	74.2	74.5	74.7	74.7	74.9	74.9	75.0	75.0	75.0	75.1	75.1
IV 6000	45.3	67.4	72.5	73.9	74.7	75.0	75.3	75.5	75.5	75.7	75.7	75.8	75.8	75.8	75.9	75.9
IV 5000	46.1	69.5	74.3	75.7	76.5	76.8	77.1	77.3	77.3	77.5	77.5	77.6	77.6	77.6	77.7	77.7
IV 4500	46.6	70.9	75.8	77.2	78.0	78.3	78.6	78.8	78.8	79.0	79.0	79.1	79.1	79.1	79.2	79.2
IV 4000	46.8	72.6	77.6	79.0	79.8	80.1	80.4	80.6	80.6	80.8	80.8	80.9	80.9	80.9	81.0	81.0
IV 3500	49.1	74.5	80.5	81.9	82.7	83.0	83.3	83.5	83.5	83.7	83.7	83.8	83.8	83.8	83.9	83.9
IV 3000	50.3	77.0	83.2	84.6	85.4	85.7	86.0	86.2	86.2	86.4	86.4	86.5	86.5	86.5	86.6	86.6
IV 2500	51.4	79.1	85.3	86.7	87.5	87.8	88.1	88.3	88.3	88.5	88.5	88.6	88.6	88.6	88.7	88.7
IV 2000	52.0	80.9	87.1	88.5	89.3	89.6	89.9	90.1	90.1	90.3	90.3	90.4	90.4	90.4	90.5	90.5
IV 1800	52.1	81.2	88.0	89.4	90.2	90.5	90.8	91.0	91.0	91.2	91.2	91.3	91.3	91.3	91.4	91.4
IV 1500	52.2	81.7	88.7	90.1	90.9	91.2	91.5	91.7	91.7	91.9	91.9	92.0	92.0	92.0	92.1	92.1
IV 1200	52.4	82.8	89.8	91.2	92.0	92.3	92.6	92.8	92.8	93.0	93.0	93.1	93.1	93.1	93.2	93.2
IV 1000	52.4	82.7	90.0	91.4	92.2	92.5	92.8	93.0	93.0	93.2	93.2	93.3	93.3	93.3	93.4	93.4
IV 900	52.5	82.9	90.3	91.7	92.5	92.8	93.1	93.3	93.3	93.5	93.5	93.6	93.6	93.6	93.7	93.7
IV 800	52.5	83.1	90.6	92.0	92.8	93.1	93.4	93.6	93.6	93.8	93.8	93.9	93.9	93.9	94.0	94.0
IV 700	52.5	83.1	90.7	92.1	92.9	93.2	93.5	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1
IV 600	52.5	83.1	90.7	92.1	92.9	93.2	93.5	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1
IV 500	52.5	83.1	90.7	92.1	92.9	93.2	93.5	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1
IV 400	52.5	83.1	90.7	92.1	92.9	93.2	93.5	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1
IV 300	52.5	83.1	90.7	92.1	92.9	93.2	93.5	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1
IV 200	52.5	83.1	90.7	92.1	92.9	93.2	93.5	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1
IV 100	52.5	83.1	90.7	92.1	92.9	93.2	93.5	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1
IV 0	52.5	83.1	90.7	92.1	92.9	93.2	93.5	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1

TOTAL NUMBER OF OBSERVATIONS 14497

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

12001
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45, 47-49, 53-60, 63-68
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.9	55.7	60.6	62.2	63.1	63.1	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.9
IV 20000	22.8	62.7	69.8	71.9	73.1	73.1	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.2
IV 18000	22.8	62.6	69.9	72.0	73.2	73.3	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.3
IV 16000	22.8	62.0	70.1	72.2	73.4	73.5	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.5
IV 14000	23.0	64.8	71.0	73.2	74.4	74.5	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.5
IV 12000	23.8	67.6	74.2	76.4	77.6	77.7	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.8
IV 10000	24.7	70.9	77.9	80.3	81.6	81.8	82.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.9
IV 9000	25.0	71.4	78.6	81.0	82.3	82.5	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.6
IV 8000	25.9	72.9	79.9	82.4	83.7	83.9	84.4	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	85.1
IV 7000	25.7	74.0	81.3	83.9	85.2	85.4	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5
IV 6000	25.7	74.2	81.8	84.4	85.7	85.9	86.4	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	87.0
IV 5000	25.9	73.4	81.0	83.9	85.2	85.4	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.6
IV 4500	26.3	75.2	82.5	85.0	86.4	86.6	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.6
IV 4000	26.3	77.7	85.0	87.0	88.1	88.3	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3
IV 3500	26.3	75.0	83.0	85.1	86.6	86.8	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.8
IV 3000	27.1	79.7	87.8	90.9	92.8	92.8	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.8
IV 2500	27.1	81.0	89.3	92.6	94.3	94.3	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.3
IV 2000	27.1	81.2	89.9	93.1	94.8	94.8	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.8
IV 1800	27.1	81.3	89.7	93.1	94.8	94.8	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.8
IV 1500	27.1	81.3	89.8	93.3	95.0	95.0	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	96.0
IV 1200	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 1000	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 900	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 800	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 700	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 600	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 500	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 400	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 300	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 200	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 100	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 0	27.2	81.5	90.3	93.6	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3

TOTAL NUMBER OF OBSERVATIONS 1875

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45, 47-49, 53-60, 64-68
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L. S. T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	½	≥ 5/16	¼	≥ 0
NO CEILING	24.1	46.6	52.8	55.1	57.7	58.0	59.0	59.8	59.8	60.9	60.4	60.4	60.7	60.7	60.9	61.0
≥ 20000	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 18000	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 16000	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 14000	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 12000	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 10000	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 9000	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 8000	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 7000	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 6000	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 5000	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 4500	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 4L JO	26.3	52.8	60.1	62.7	63.5	63.9	64.8	67.7	67.7	68.3	68.2	68.3	68.9	68.9	69.3	69.7
IV 3500	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 3000	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 2500	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 2000	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 1800	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 1500	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 1200	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 1000	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 900	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 800	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 700	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 600	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 500	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 400	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 300	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 200	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 100	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1
IV 0	20.1	57.3	77.4	81.3	85.1	85.5	86.7	87.2	87.2	88.1	88.5	88.5	89.2	89.2	89.6	90.1

TOTAL NUMBER OF OBSERVATIONS 1516

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBVILLE, N. C., 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45, 47-49, 53-61, 63-68
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

6000-0800
HOURS U. S. T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	22.4	38.0	42.8	45.4	48.0	49.0	49.8	50.2	50.2	50.8	50.8	50.8	51.0	51.0	51.0	51.0
≥ 20000	26.0	46.0	53.0	58.5	60.8	61.2	62.4	62.1	63.2	64.0	64.1	64.1	64.4	64.6	64.8	64.8
IVN 18000	26.8	46.9	53.3	58.6	60.1	61.4	62.6	62.3	63.4	64.3	64.3	64.3	64.6	64.8	64.8	65.0
IVN 16000	26.8	47.2	53.6	58.9	60.4	61.7	62.9	62.6	63.7	64.6	64.6	64.6	64.9	65.1	65.3	65.3
IVN 14000	26.4	47.9	54.4	59.7	61.4	62.8	64.0	64.8	64.9	65.7	65.8	65.8	66.1	66.2	66.3	66.5
IVN 12000	27.0	50.2	57.1	60.6	64.3	68.9	67.1	67.9	68.0	68.8	68.9	68.9	69.2	69.4	69.6	69.6
IVN 10000	29.2	53.4	61.1	64.8	68.7	70.7	72.2	73.1	73.1	74.0	74.0	74.0	74.3	74.5	74.8	74.8
IVN 9000	29.2	54.2	61.9	65.7	69.7	71.7	72.2	74.2	74.2	74.9	74.9	74.9	75.2	75.3	75.7	75.8
IVN 8000	30.0	55.7	63.8	67.9	72.2	74.5	75.1	77.1	77.1	78.0	78.1	78.1	78.4	78.6	78.9	78.9
IVN 7000	30.3	56.7	65.2	69.7	74.0	76.4	78.0	79.0	79.0	79.9	80.0	80.0	80.3	80.8	80.8	80.8
IVN 6000	30.8	57.4	65.9	70.4	75.7	77.9	78.7	79.7	79.7	80.6	80.6	80.7	81.0	81.2	81.5	81.5
IVN 5000	30.9	58.2	67.4	72.0	76.6	79.0	80.7	81.7	81.7	82.6	82.7	82.7	83.0	83.2	83.5	83.5
IVN 4500	31.0	58.9	67.9	72.6	77.3	79.8	81.6	82.5	82.5	83.4	83.4	83.4	83.9	84.1	84.4	84.4
IVN 4000	31.5	60.0	69.1	73.9	78.7	81.2	83.0	84.1	84.1	85.0	85.0	85.1	85.4	85.6	85.9	85.9
IVN 3500	31.3	60.7	69.9	74.8	79.6	82.1	83.9	85.1	85.1	86.0	86.0	86.1	86.4	86.7	87.0	87.0
IVN 3000	31.8	61.9	70.8	75.8	80.9	83.4	85.2	86.6	86.6	87.5	87.5	87.6	87.9	88.2	88.5	88.5
IVN 2500	32.0	62.1	71.8	76.9	82.1	84.6	86.4	87.8	87.8	88.7	88.7	88.8	89.1	89.4	89.7	89.7
IVN 2000	32.2	62.6	72.3	77.5	83.0	85.6	87.4	88.8	88.8	89.7	89.7	89.8	90.1	90.4	90.7	90.7
IVN 1800	32.2	62.6	72.3	77.5	83.0	85.6	87.4	88.8	88.8	89.7	89.7	89.8	90.1	90.4	90.7	90.7
IVN 1500	32.3	63.3	73.2	78.6	84.1	86.7	88.5	89.9	89.9	90.8	90.8	90.9	91.2	91.5	91.8	91.8
IVN 1200	32.3	63.6	73.6	79.0	84.4	87.0	88.8	90.2	90.2	91.1	91.1	91.2	91.5	91.8	92.1	92.1
IVN 1000	32.3	63.7	73.9	79.3	84.7	87.3	89.1	90.5	90.5	91.4	91.4	91.5	91.8	92.1	92.4	92.4
IVN 900	32.3	63.8	74.1	79.7	84.9	87.5	89.3	90.7	90.7	91.6	91.6	91.7	92.0	92.3	92.6	92.6
IVN 800	32.3	63.9	74.3	80.1	85.3	87.9	89.7	91.1	91.1	92.0	92.0	92.1	92.4	92.7	93.0	93.0
IVN 700	32.3	64.0	74.4	80.2	85.6	88.2	90.0	91.4	91.4	92.3	92.3	92.4	92.7	93.0	93.3	93.3
IVN 600	32.3	64.1	74.5	80.3	85.7	88.3	90.1	91.5	91.5	92.4	92.4	92.5	92.8	93.1	93.4	93.4
IVN 500	32.3	64.2	74.6	80.4	85.8	88.4	90.2	91.6	91.6	92.5	92.5	92.6	92.9	93.2	93.5	93.5
IVN 400	32.3	64.2	74.6	80.4	85.8	88.4	90.2	91.6	91.6	92.5	92.5	92.6	92.9	93.2	93.5	93.5
IVN 300	32.3	64.2	74.6	80.4	85.8	88.4	90.2	91.6	91.6	92.5	92.5	92.6	92.9	93.2	93.5	93.5
IVN 200	32.3	64.2	74.6	80.4	85.8	88.4	90.2	91.6	91.6	92.5	92.5	92.6	92.9	93.2	93.5	93.5
IVN 100	32.3	64.2	74.6	80.4	85.8	88.4	90.2	91.6	91.6	92.5	92.5	92.6	92.9	93.2	93.5	93.5
IVN 0	32.3	64.2	74.6	80.4	85.8	88.4	90.2	91.6	91.6	92.5	92.5	92.6	92.9	93.2	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS 1656

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

12841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

44-49, 47-49, 53-68
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L & T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.4	42.7	45.1	46.9	47.2	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 20000	35.0	53.3	56.8	59.5	60.3	60.9	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 18000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 16000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 14000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 12000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 10000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 9000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 8000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 7000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 6000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 5000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 4500	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 4000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 3500	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 3000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 2500	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 2000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 1800	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 1500	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 1200	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 1000	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 900	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 800	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 700	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 600	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 500	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 400	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 300	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 200	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 100	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 0	35.0	53.3	57.0	59.7	60.7	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3

TOTAL NUMBER OF OBSERVATIONS 1899

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

1963 STATION WILMINGTON OHIO/CLINTON CO AFB YEARS 44-45, 47-49, 53-68 MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U. S. T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.9	34.7	35.9	26.2	36.3	36.6	36.6	26.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
IV 18000	36.9	31.0	33.1	34.0	34.3	36.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
IV 16000	37.0	31.2	33.5	34.1	34.6	36.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IV 14000	37.9	32.7	34.7	35.1	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
IV 12000	38.7	34.0	36.0	37.0	38.0	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
IV 10000	39.9	37.2	39.6	40.7	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 9000	40.3	38.2	40.9	42.1	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 8000	40.9	39.7	42.5	43.8	44.3	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
IV 7000	41.2	40.2	43.1	44.4	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 6000	41.2	40.4	43.3	44.7	45.4	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 5900	41.7	41.7	44.7	46.1	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 4500	42.9	42.6	46.3	48.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 4000	44.3	46.5	50.3	51.9	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 3500	45.8	49.2	53.0	54.9	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 3000	48.0	53.0	57.2	59.9	62.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 2500	50.1	54.4	59.1	62.1	64.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 2000	51.3	56.4	61.4	64.6	66.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 1800	51.4	56.9	61.9	65.2	67.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 1500	51.4	57.9	63.1	66.4	68.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 1200	51.8	58.7	64.0	67.6	69.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 1000	51.8	59.7	65.0	68.8	70.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 900	51.8	60.2	65.7	69.6	71.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 800	51.8	61.2	66.7	70.8	72.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 700	51.9	62.2	67.8	72.0	74.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 600	51.9	63.2	69.1	73.2	75.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 500	51.9	64.4	70.4	74.4	76.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 400	51.9	65.4	71.5	75.6	77.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 300	51.9	66.4	72.6	76.8	78.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 200	51.9	67.4	73.7	78.0	80.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 100	51.9	68.4	74.8	79.2	81.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 0	51.9	69.4	75.9	80.4	82.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6

TOTAL NUMBER OF OBSERVATIONS 1874

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBVILLE, N. C. 28001

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-05-47-49-59-68
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L. S. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.3	36.4	38.1	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 20000	37.9	36.4	37.3	38.7	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 18000	38.0	36.8	37.9	38.9	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 16000	38.2	38.1	37.8	37.2	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 14000	38.0	36.2	38.0	60.4	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 12000	39.3	37.9	60.0	62.2	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 10000	40.3	60.6	63.9	65.1	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 9000	41.0	61.6	64.8	66.3	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 8000	41.9	63.3	66.9	68.2	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 7000	42.3	64.8	68.8	69.9	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 6000	42.9	65.7	69.9	71.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 5000	43.7	67.3	71.8	72.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 4500	44.1	67.0	72.1	74.3	75.6	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 4000	46.1	72.9	77.0	79.0	80.4	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3500	47.7	75.8	80.1	82.2	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 3000	50.0	80.1	85.3	87.0	89.1	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2500	51.7	81.7	87.2	89.1	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2000	52.2	82.7	87.2	89.1	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1800	52.3	83.1	87.7	89.4	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1500	52.3	83.1	87.7	89.4	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1200	52.4	83.7	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1000	52.4	83.8	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 900	52.4	83.8	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 800	52.4	83.8	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 700	52.4	83.8	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 600	52.4	83.8	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 500	52.4	83.8	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 400	52.4	83.8	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 300	52.4	83.8	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 200	52.4	83.8	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 100	52.4	83.8	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 0	52.4	83.8	88.1	89.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1931

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

44-45,47-49,53-68
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28,3	42,0	44,5	46,0	46,6	46,6	46,6	46,6	46,6	46,6	46,6	46,6	46,6	46,6	46,6	46,6
≥ 20000	39,4	62,5	67,2	69,1	69,9	70,1	70,1	70,1	70,1	70,1	70,1	70,1	70,1	70,1	70,1	70,1
IV 18000	39,5	62,5	67,4	69,4	70,2	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3
IV 16000	39,6	62,7	67,6	69,5	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3
IV 14000	40,3	68,1	69,2	71,1	71,9	72,1	72,1	72,1	72,1	72,1	72,1	72,1	72,1	72,1	72,1	72,1
IV 12000	41,6	67,1	71,2	73,1	74,1	74,2	74,2	74,2	74,2	74,2	74,2	74,2	74,2	74,2	74,2	74,2
IV 10000	42,8	70,7	75,0	77,0	78,3	78,6	78,6	78,6	78,6	78,6	78,6	78,6	78,6	78,6	78,6	78,6
IV 9000	43,3	71,8	76,1	78,3	79,7	79,9	79,9	79,9	79,9	79,9	79,9	79,9	79,9	79,9	79,9	79,9
IV 8000	44,2	72,3	77,9	80,2	81,9	82,0	82,1	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2
IV 7000	44,6	73,0	80,0	82,3	84,2	84,4	84,5	84,5	84,5	84,5	84,5	84,5	84,5	84,5	84,5	84,5
IV 6000	45,0	73,9	81,0	83,4	85,2	85,4	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5
IV 5000	45,4	77,2	82,3	85,0	86,9	87,2	87,3	87,4	87,4	87,4	87,4	87,4	87,4	87,4	87,4	87,4
IV 4500	45,7	78,1	83,4	85,9	87,8	88,1	88,3	88,4	88,4	88,4	88,4	88,4	88,4	88,4	88,4	88,4
IV 4000	46,2	79,7	83,3	85,0	86,6	86,6	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7
IV 3500	46,3	80,4	86,4	89,2	91,1	91,3	91,9	92,0	92,0	92,0	92,0	92,0	92,0	92,0	92,0	92,0
IV 3000	47,3	82,0	88,3	91,4	93,4	93,9	94,2	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3
IV 2500	47,7	84,1	90,8	93,7	95,6	95,8	96,8	96,8	96,8	96,8	96,8	96,8	96,8	96,8	96,8	96,8
IV 2000	47,7	84,7	91,7	94,7	96,6	97,3	97,9	98,0	98,0	98,0	98,0	98,0	98,0	98,0	98,0	98,0
IV 1800	47,8	84,9	91,9	94,9	97,1	97,7	98,1	98,2	98,2	98,2	98,2	98,2	98,2	98,2	98,2	98,2
IV 1500	47,8	85,1	92,3	95,3	97,7	98,2	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8
IV 1200	47,8	85,1	92,3	95,3	97,8	98,3	99,0	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1
IV 1000	47,8	85,1	92,3	95,3	97,8	98,3	99,1	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
IV 900	47,8	85,1	92,3	95,3	97,8	98,3	99,1	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
IV 800	47,8	85,1	92,3	95,3	97,8	98,3	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
IV 700	47,8	85,1	92,3	95,3	97,8	98,3	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
IV 600	47,8	85,1	92,3	95,3	97,8	98,3	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
IV 500	47,8	85,1	92,3	95,3	97,8	98,3	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
IV 400	47,8	85,1	92,3	95,3	97,8	98,3	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
IV 300	47,8	85,1	92,3	95,3	97,8	98,3	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
IV 200	47,8	85,1	92,3	95,3	97,8	98,3	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
IV 100	47,8	85,1	92,3	95,3	97,8	98,3	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
IV 0	47,8	85,1	92,3	95,3	97,8	98,3	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	100,0

TOTAL NUMBER OF OBSERVATIONS

1932

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CG AFB
STATION NAME

44-47-49-52-68
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS CL 575

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.7	53.7	56.6	58.0	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	37.3	63.1	70.6	72.9	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 18000	37.3	66.9	70.7	72.9	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 16000	37.3	66.9	70.6	72.9	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 14000	37.3	66.9	71.5	73.7	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 12000	38.0	68.2	73.3	75.7	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 10000	39.3	71.1	77.0	79.9	81.2	81.2	81.2	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 9000	39.3	72.6	78.1	80.6	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 8000	40.2	74.5	80.1	82.8	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 7000	40.6	76.2	81.9	84.5	86.4	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 6000	40.9	77.4	83.2	85.9	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 5000	41.1	78.8	84.5	87.7	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4500	41.4	79.4	85.6	88.4	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 4000	41.3	80.1	86.3	89.2	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3500	41.7	81.0	87.3	90.3	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3000	41.9	82.3	88.9	91.9	94.1	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2500	42.4	83.4	90.4	93.8	95.8	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 2000	42.3	84.2	91.4	94.8	97.2	97.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	42.3	84.2	91.4	94.8	97.2	97.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1500	42.3	84.2	91.4	94.8	97.2	97.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200	42.3	84.4	91.8	94.4	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	42.3	84.8	92.0	94.9	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	42.3	84.6	92.0	94.9	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	42.3	84.6	92.1	94.9	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	42.3	84.6	92.1	94.9	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	42.3	84.7	92.3	94.9	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	42.3	84.7	92.3	94.9	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	42.3	84.7	92.3	94.9	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	42.3	84.7	92.3	94.9	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	42.3	84.7	92.3	94.9	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 100	42.3	84.7	92.3	94.9	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 0	42.3	84.7	92.3	94.9	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1914

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHBVILLE, N. C. 28001

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO ARB
STATION NAME

44-45, 47-49, 53-68
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
PERIODS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.3	42.6	40.7	48.1	49.1	49.4	49.6	49.8	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.0
IV 20000	34.4	56.5	61.0	62.1	64.9	64.8	65.1	65.3	65.4	65.5	65.5	65.5	65.6	65.6	65.7	65.8
IV 18000	34.5	56.7	61.1	62.2	64.7	65.0	65.3	65.5	65.5	65.7	65.7	65.7	65.8	65.8	65.9	66.0
IV 16000	34.5	56.9	61.3	62.4	64.8	65.1	65.3	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.1	66.1
IV 14000	34.9	57.8	62.4	63.3	66.0	66.3	66.6	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.3
IV 12000	35.8	60.0	64.7	67.0	68.3	68.9	69.2	69.4	69.5	69.6	69.6	69.6	69.7	69.8	69.8	69.9
IV 10000	37.0	63.2	68.3	70.7	72.4	72.8	73.2	73.3	73.3	73.7	73.7	73.7	73.8	73.8	73.9	74.0
IV 9000	37.4	64.1	69.4	71.8	73.6	74.0	74.4	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.1	75.2
IV 8000	37.9	65.6	71.1	73.7	75.6	76.1	76.6	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.3	77.4
IV 7000	38.3	66.9	72.6	75.3	77.2	77.7	78.2	78.5	78.5	78.7	78.7	78.7	78.8	78.8	78.9	79.0
IV 6000	38.5	67.3	73.4	76.1	78.1	78.6	79.0	79.3	79.3	79.5	79.5	79.5	79.6	79.6	79.7	79.8
IV 5000	38.9	68.0	74.8	77.5	79.7	80.3	80.8	81.1	81.1	81.3	81.3	81.3	81.4	81.4	81.5	81.6
IV 4500	39.3	69.7	75.8	78.7	80.9	81.4	81.9	82.2	82.2	82.4	82.4	82.4	82.5	82.5	82.6	82.7
IV 4000	40.1	71.3	77.8	80.7	83.1	83.7	84.3	84.6	84.6	84.9	84.9	84.9	85.0	85.0	85.1	85.2
IV 3500	40.6	72.8	79.3	82.4	84.7	85.3	86.0	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.7	86.8
IV 3000	41.6	75.2	82.0	85.2	87.7	88.3	89.0	89.3	89.3	89.5	89.5	89.5	89.6	89.6	89.7	89.8
IV 2500	42.3	77.3	84.8	87.8	90.4	91.1	91.8	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.6	92.8
IV 2000	42.7	78.3	85.9	89.4	92.1	92.8	93.7	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.6	94.7
IV 1800	42.7	78.7	86.1	89.7	92.4	93.1	93.9	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.8	94.9
IV 1500	42.9	79.2	86.8	90.4	93.2	94.0	94.9	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.8	95.9
IV 1200	43.0	79.6	87.3	91.0	94.1	94.9	95.8	96.2	96.3	96.6	96.6	96.6	96.7	96.7	96.8	96.9
IV 1000	43.0	79.8	87.3	91.4	94.3	95.1	96.0	96.4	96.5	96.8	96.8	96.8	96.9	96.9	97.0	97.1
IV 900	43.0	79.8	87.3	91.4	94.3	95.1	96.0	96.4	96.5	96.8	96.8	96.8	96.9	96.9	97.0	97.1
IV 800	43.0	80.0	87.6	91.5	94.7	95.5	96.4	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.2
IV 700	43.0	80.1	88.0	91.8	95.2	96.1	97.0	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.8
IV 600	43.0	80.1	88.1	92.0	95.4	96.3	97.2	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	98.0
IV 500	43.0	80.1	88.2	92.1	95.4	96.4	97.3	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.1
IV 400	43.0	80.2	88.2	92.2	95.6	96.5	97.4	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2
IV 300	43.0	80.2	88.2	92.2	95.6	96.5	97.4	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2
IV 200	43.0	80.2	88.2	92.2	95.6	96.5	97.4	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2
IV 100	43.0	80.2	88.2	92.2	95.6	96.5	97.4	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2
IV 0	43.0	80.2	88.2	92.2	95.6	96.5	97.4	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2

TOTAL NUMBER OF OBSERVATION 14257

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43m45, 47m49, 53m60, 63m67
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000m0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.7	56.4	63.1	69.6	69.3	69.4	70.0	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.5	70.5
≥ 20000	20.2	60.7	68.6	72.5	75.3	75.2	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	77.1	77.2
IV 18000	20.0	61.0	68.9	72.8	75.6	75.8	76.4	76.6	76.7	77.1	77.2	77.2	77.2	77.2	77.4	77.5
IV 16000	20.0	61.0	68.9	72.8	75.6	75.8	76.4	76.6	76.7	77.1	77.2	77.2	77.2	77.2	77.4	77.5
IV 14000	20.7	61.8	69.7	73.6	76.4	76.6	77.2	77.4	77.5	77.9	78.0	78.0	78.0	78.0	78.1	78.2
IV 12000	21.1	62.2	71.0	74.9	77.7	77.9	78.3	78.5	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1
IV 10000	21.6	62.6	71.4	75.3	78.1	78.3	78.7	78.9	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5
IV 9000	21.6	62.6	71.4	75.3	78.1	78.3	78.7	78.9	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5
IV 8000	22.2	63.0	71.8	75.7	78.5	78.7	79.1	79.3	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9
IV 7000	22.2	63.0	71.8	75.7	78.5	78.7	79.1	79.3	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9
IV 6000	22.2	63.0	71.8	75.7	78.5	78.7	79.1	79.3	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9
IV 5000	22.2	63.0	71.8	75.7	78.5	78.7	79.1	79.3	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9
IV 4500	22.9	70.8	80.5	86.1	89.3	89.5	90.3	90.4	90.4	90.9	91.0	91.0	91.1	91.1	91.2	91.3
IV 4000	22.9	70.8	80.5	86.1	89.3	89.5	90.3	90.4	90.4	90.9	91.0	91.0	91.1	91.1	91.2	91.3
IV 3500	22.7	72.4	82.1	87.7	90.9	91.1	91.9	92.0	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6
IV 3000	22.7	72.4	82.1	87.7	90.9	91.1	91.9	92.0	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500	22.9	73.1	82.8	88.4	91.6	91.8	92.6	92.7	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.3
IV 2000	22.9	73.1	82.8	88.4	91.6	91.8	92.6	92.7	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800	23.0	74.1	83.8	89.4	92.6	92.8	93.4	93.5	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1
IV 1500	23.1	74.2	83.9	89.5	92.7	92.9	93.5	93.6	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2
IV 1200	23.2	74.6	84.3	89.9	93.1	93.3	93.9	94.0	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 1000	23.2	74.6	84.3	89.9	93.1	93.3	93.9	94.0	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 900	23.2	74.6	84.3	89.9	93.1	93.3	93.9	94.0	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 800	23.2	74.6	84.3	89.9	93.1	93.3	93.9	94.0	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 700	23.2	74.6	84.3	89.9	93.1	93.3	93.9	94.0	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 600	23.2	74.6	84.3	89.9	93.1	93.3	93.9	94.0	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 500	23.3	75.0	84.7	90.3	93.5	93.7	94.3	94.4	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 400	23.3	75.0	84.7	90.3	93.5	93.7	94.3	94.4	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 300	23.3	75.0	84.7	90.3	93.5	93.7	94.3	94.4	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 200	23.3	75.0	84.7	90.3	93.5	93.7	94.3	94.4	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 100	23.3	75.0	84.7	90.3	93.5	93.7	94.3	94.4	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 0	23.3	75.0	84.7	90.3	93.5	93.7	94.3	94.4	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS 1643

DATA PROCESSING DIVISION
 ETAC, USAF
 ASPRIVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

1961
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43m45, 47m49, 53m60, 65m67
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300m0900
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10,8	48,3	53,9	58,1	62,4	62,8	64,9	65,8	65,8	67,0	67,5	67,5	67,7	67,7	67,8	67,8
≥ 20000	12,2	49,7	58,7	62,8	68,2	68,7	70,8	71,8	71,8	73,0	73,5	73,9	73,9	74,1	74,1	74,1
IV 18000	12,5	50,1	59,1	63,9	68,6	69,1	71,2	72,2	72,2	73,6	73,9	73,9	74,2	74,5	74,4	74,4
IV 16000	12,5	50,2	59,2	64,0	68,7	69,2	71,3	72,3	72,3	73,5	74,1	74,1	74,4	74,7	74,6	74,6
IV 14000	12,5	51,1	60,8	65,0	69,7	70,3	72,3	73,3	73,3	74,6	75,1	75,1	75,4	75,4	75,6	75,6
IV 12000	12,6	51,9	61,9	66,1	70,8	71,4	73,4	74,4	74,4	75,8	76,3	76,3	76,6	76,6	76,8	76,8
IV 10000	13,4	54,7	64,7	68,9	73,6	74,2	76,2	77,2	77,2	78,6	79,1	79,1	79,4	79,4	79,6	79,6
IV 9000	13,6	55,3	65,4	69,6	74,3	74,9	76,9	77,9	77,9	79,3	79,8	79,8	80,1	80,1	80,3	80,3
IV 8000	13,7	56,3	66,8	71,0	75,7	76,3	78,3	79,3	79,3	80,7	81,2	81,2	81,5	81,5	81,7	81,7
IV 7000	13,9	57,0	67,8	72,1	76,8	77,4	79,4	80,4	80,4	81,8	82,3	82,3	82,6	82,6	82,8	82,8
IV 6000	14,0	57,5	68,5	72,6	77,3	77,9	79,9	80,9	80,9	82,3	82,8	82,8	83,1	83,1	83,3	83,3
IV 5000	14,1	58,4	69,7	73,8	78,5	79,1	81,1	82,1	82,1	83,5	84,0	84,0	84,3	84,3	84,5	84,5
IV 4500	14,1	58,7	70,0	74,1	78,8	79,4	81,4	82,4	82,4	83,8	84,3	84,3	84,6	84,6	84,8	84,8
IV 4000	14,1	59,7	71,2	75,3	79,9	80,5	82,5	83,5	83,5	84,9	85,4	85,4	85,7	85,7	85,9	85,9
IV 3500	14,1	59,9	71,5	75,6	80,2	80,8	82,8	83,8	83,8	85,2	85,7	85,7	86,0	86,0	86,2	86,2
IV 3000	14,1	59,9	71,8	75,9	80,5	81,1	83,1	84,1	84,1	85,5	86,0	86,0	86,3	86,3	86,5	86,5
IV 2500	14,2	60,4	72,9	77,0	81,6	82,2	84,2	85,2	85,2	86,6	87,1	87,1	87,4	87,4	87,6	87,6
IV 2000	14,4	61,3	74,8	78,9	83,5	84,1	86,1	87,1	87,1	88,5	89,0	89,0	89,3	89,3	89,5	89,5
IV 1800	14,4	61,6	74,2	78,3	82,9	83,5	85,5	86,5	86,5	87,9	88,4	88,4	88,7	88,7	88,9	88,9
IV 1500	14,4	62,2	74,7	78,8	83,4	84,0	86,0	87,0	87,0	88,4	88,9	88,9	89,2	89,2	89,4	89,4
IV 1200	14,4	62,3	74,8	78,9	83,5	84,1	86,1	87,1	87,1	88,5	89,0	89,0	89,3	89,3	89,5	89,5
IV 1000	14,4	62,4	75,0	79,1	83,6	84,2	86,2	87,2	87,2	88,6	89,1	89,1	89,4	89,4	89,6	89,6
IV 900	14,4	62,4	75,1	79,2	83,7	84,3	86,3	87,3	87,3	88,7	89,2	89,2	89,5	89,5	89,7	89,7
IV 800	14,4	62,5	75,2	79,3	83,8	84,4	86,4	87,4	87,4	88,8	89,3	89,3	89,6	89,6	89,8	89,8
IV 700	14,5	62,5	75,3	79,4	83,9	84,5	86,5	87,5	87,5	88,9	89,4	89,4	89,7	89,7	89,9	89,9
IV 600	14,5	62,7	75,6	79,7	84,0	84,6	86,6	87,6	87,6	89,0	89,5	89,5	89,8	89,8	90,0	90,0
IV 500	14,5	62,8	76,0	80,1	84,1	84,7	86,7	87,7	87,7	89,1	89,6	89,6	89,9	89,9	90,1	90,1
IV 400	14,5	62,8	76,0	80,1	84,1	84,7	86,7	87,7	87,7	89,1	89,6	89,6	89,9	89,9	90,1	90,1
IV 300	14,5	62,8	76,0	80,1	84,1	84,7	86,7	87,7	87,7	89,1	89,6	89,6	89,9	89,9	90,1	90,1
IV 200	14,5	62,8	76,0	80,1	84,1	84,7	86,7	87,7	87,7	89,1	89,6	89,6	89,9	89,9	90,1	90,1
IV 100	14,5	62,8	76,0	80,1	84,1	84,7	86,7	87,7	87,7	89,1	89,6	89,6	89,9	89,9	90,1	90,1
0	14,5	62,8	76,0	80,1	84,1	84,7	86,7	87,7	87,7	89,1	89,6	89,6	89,9	89,9	90,1	90,1

TOTAL NUMBER OF OBSERVATIONS 1580

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

28841 WILMINGTON OHIO/CLINTON CO AFB

43-45, 47-49, 52-68

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0609-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.7	29.2	36.6	41.7	46.1	47.3	50.0	51.0	51.2	52.6	53.0	53.1	53.6	53.6	53.9	53.9
IV 20000	12.8	36.0	44.8	50.9	57.3	59.2	62.3	63.7	63.9	65.3	65.7	66.1	66.4	66.5	66.9	67.4
IV 18000	13.4	36.2	45.1	51.2	57.6	59.5	62.6	64.0	64.2	65.6	66.0	66.3	66.7	66.8	67.2	67.6
IV 16000	13.0	36.4	45.2	51.4	57.8	59.7	62.8	64.1	64.4	65.7	66.2	66.3	66.7	67.0	67.4	67.8
IV 14000	13.2	37.1	46.1	52.3	59.0	60.9	63.9	65.3	65.3	66.9	67.4	67.5	68.0	68.1	68.5	69.0
IV 12000	13.6	38.9	48.1	54.3	61.3	63.2	66.3	67.8	68.0	69.5	69.9	70.1	70.8	70.7	71.1	71.6
IV 10000	14.7	42.2	52.0	58.6	65.9	68.1	71.4	72.9	73.2	74.7	75.2	75.3	75.9	76.1	76.3	76.9
IV 9000	14.7	42.8	52.0	59.3	66.6	68.8	72.1	73.6	73.9	75.5	75.9	76.1	76.5	76.7	77.1	77.7
IV 8000	15.1	43.6	53.7	60.8	68.0	70.4	73.8	75.3	75.8	77.4	77.8	78.0	78.6	78.6	79.0	79.6
IV 7000	15.3	44.3	54.6	61.8	69.0	71.4	74.9	76.6	76.9	78.6	79.0	79.2	79.7	79.8	80.2	80.8
IV 6000	15.5	44.7	55.2	62.5	69.8	72.3	75.8	77.5	77.8	79.4	79.9	80.0	80.6	80.7	81.1	81.6
IV 5000	15.5	45.7	56.4	63.8	71.3	74.3	78.0	79.9	80.1	81.8	82.3	82.4	83.0	83.0	83.4	84.0
IV 4500	15.9	46.0	56.8	64.2	72.1	75.0	78.7	80.9	80.8	82.7	83.2	83.3	83.9	83.9	84.4	85.0
IV 4000	15.9	46.5	57.6	65.2	73.2	76.2	79.9	81.8	82.1	84.0	84.5	84.6	85.3	85.3	85.7	86.3
IV 3500	15.9	46.9	58.1	65.7	73.8	76.8	80.5	82.4	82.8	84.7	85.1	85.2	86.0	86.0	86.4	87.0
IV 3000	15.9	47.4	58.9	66.9	75.0	78.1	81.9	83.8	84.2	86.1	86.6	86.7	87.4	87.4	87.9	88.4
IV 2500	15.9	48.0	59.5	67.3	75.8	78.9	82.7	84.7	85.1	87.0	87.5	87.6	88.3	88.3	88.8	89.3
IV 2000	16.1	48.6	60.3	68.1	76.9	80.1	83.9	85.9	86.4	88.3	88.8	88.9	89.6	89.6	90.2	90.8
IV 1800	16.1	48.6	60.3	68.2	77.1	80.3	84.3	86.2	86.6	88.6	89.1	89.2	89.9	89.9	90.4	91.0
IV 1500	16.1	48.9	60.7	68.6	77.7	80.9	84.9	86.9	87.3	89.3	89.8	90.0	90.7	90.7	91.3	91.9
IV 1200	16.2	49.2	61.0	69.0	78.3	81.6	85.7	87.7	88.2	90.2	90.7	91.0	91.7	91.7	92.2	92.8
IV 1000	16.2	49.3	61.3	69.5	79.2	82.6	86.7	88.8	89.2	91.2	91.7	92.0	92.7	92.7	93.1	93.7
IV 900	16.2	49.4	61.3	69.7	79.6	83.0	87.1	89.2	89.6	91.6	92.1	92.4	93.1	93.1	93.7	94.3
IV 800	16.2	49.5	61.6	69.8	79.8	83.4	87.5	89.6	90.0	92.0	92.5	92.8	93.5	93.5	94.1	94.7
IV 700	16.2	49.5	61.7	70.1	80.4	84.0	88.1	90.2	90.6	92.6	93.1	93.4	94.1	94.1	94.7	95.3
IV 600	16.2	49.5	61.8	70.2	80.5	84.2	88.3	90.4	90.8	92.4	92.9	93.2	93.9	93.9	94.5	95.1
IV 500	16.2	49.5	61.8	70.2	80.5	84.6	88.7	90.8	91.2	92.8	93.3	93.6	94.3	94.3	94.9	95.5
IV 400	16.2	49.5	61.8	70.2	80.5	84.6	88.7	90.8	91.2	92.8	93.3	93.6	94.3	94.3	94.9	95.5
IV 300	16.2	49.5	61.8	70.2	80.5	84.7	88.9	91.0	91.4	93.0	93.5	93.8	94.5	94.5	95.1	95.7
IV 200	16.2	49.5	61.8	70.2	80.5	84.7	88.9	91.0	91.4	93.0	93.5	93.8	94.5	94.5	95.1	95.7
IV 100	16.2	49.5	61.8	70.2	80.5	84.7	88.9	91.0	91.4	93.0	93.5	93.8	94.5	94.5	95.1	95.7
IV 0	16.2	49.5	61.8	70.2	80.5	84.7	88.9	91.0	91.4	93.0	93.5	93.8	94.5	94.5	95.1	95.7

TOTAL NUMBER OF OBSERVATIONS 1737

DATA PROCESSING DIVISION
 ETAC, USAF
 ASREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

1954: WILMINGTON OHIO/CLINTON CU AFB

43-45,47-49,53-68

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS T. S. T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.8	41.4	45.3	47.8	49.0	49.2	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5
IV 20000	25.7	51.9	57.5	61.6	63.3	63.6	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
IV 18000	25.7	52.0	57.8	61.7	63.7	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 16000	25.8	52.7	58.6	62.5	64.4	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 14000	26.3	55.0	61.1	65.1	67.0	67.3	67.4	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7
IV 12000	27.7	58.1	64.3	68.7	70.8	71.2	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
IV 10000	27.9	58.7	65.2	69.4	71.4	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 9000	28.3	59.7	66.3	70.7	73.0	73.5	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
IV 8000	28.7	60.7	67.4	72.0	74.4	74.9	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
IV 7000	29.1	61.2	68.2	72.8	75.2	75.7	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
IV 6000	29.1	62.6	69.8	74.7	77.3	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 5000	29.2	63.0	70.3	75.2	77.9	78.5	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
IV 4500	29.8	64.4	71.8	76.7	79.4	80.1	80.5	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 4000	30.0	65.2	72.8	77.9	80.7	81.4	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
IV 3500	30.0	66.6	74.3	79.4	82.4	83.2	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 3000	30.8	68.0	75.9	81.1	84.2	85.0	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2500	31.4	70.2	78.5	83.9	87.1	87.9	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8
IV 2000	32.0	71.2	79.9	85.7	89.1	89.9	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
IV 1800	32.3	72.0	81.0	87.2	90.9	91.8	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
IV 1500	32.4	72.3	82.2	88.7	92.6	93.6	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
IV 1200	32.6	72.6	82.4	89.1	93.3	94.3	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
IV 1000	32.6	72.6	82.5	89.1	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 900	32.6	72.6	82.5	89.1	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	32.6	72.6	82.5	89.1	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 700	32.6	72.6	82.5	89.1	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 600	32.6	72.6	82.5	89.1	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 500	32.6	72.6	82.5	89.1	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 400	32.6	72.6	82.5	89.1	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 300	32.6	72.6	82.5	89.1	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 200	32.6	72.6	82.5	89.1	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 100	32.6	72.6	82.5	89.1	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 0	32.6	72.6	82.5	89.1	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS 1929

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

12861
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-45,47-49,52-68
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS CL 3-17

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.3	36.7	38.5	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	29.8	50.4	53.5	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 18000	29.8	50.3	53.6	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 16000	29.9	50.9	54.0	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 14000	30.2	51.9	55.1	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 12000	31.1	52.8	57.1	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 10000	32.2	56.3	59.9	61.3	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 9000	32.3	56.7	60.4	61.9	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 8000	33.1	57.7	61.9	63.4	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 7000	33.5	58.7	63.0	64.6	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 6000	33.9	59.2	63.6	65.2	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 5000	34.6	61.1	65.6	67.3	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 4500	34.9	62.3	67.6	69.2	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 4000	36.9	66.3	72.1	74.0	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 3500	40.3	69.9	75.6	77.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3000	40.0	72.7	79.2	81.6	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 2500	42.0	77.2	84.5	87.2	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 2000	43.3	80.9	88.9	92.1	93.7	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1800	43.3	81.3	89.5	92.9	94.3	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1500	43.9	82.7	91.0	94.7	96.3	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	43.9	83.1	91.7	95.6	97.3	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1000	44.0	83.4	92.1	96.0	98.0	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	44.0	83.4	92.1	96.0	98.1	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	44.0	83.4	92.2	96.1	98.2	98.8	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	44.0	83.4	92.3	96.2	98.4	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	44.0	83.4	92.3	96.2	98.4	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	44.0	83.4	92.3	96.2	98.3	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	44.0	83.4	92.3	96.2	98.3	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	44.0	83.4	92.3	96.2	98.3	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	44.0	83.4	92.3	96.2	98.3	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	44.0	83.4	92.3	96.2	98.3	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	44.0	83.4	92.3	96.2	98.3	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1941

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU APB
STATION NAME

43-45, 47-49, 53-68
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	0
NO CEILING ≥ 20000	24,2	40,9	43,5	44,3	44,8	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0
IV 18000 16000	34,1	57,1	61,5	62,8	63,8	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0
IV 14000 12000	34,1	57,1	61,5	62,8	63,8	64,0	64,0	64,2	64,2	64,2	64,2	64,2	64,2	64,2	64,2	64,2
IV 10000 9000	36,1	61,9	66,9	68,5	69,9	70,2	70,2	70,2	70,2	70,2	70,2	70,2	70,2	70,2	70,2	70,2
IV 8000 7000	37,2	64,9	70,5	72,3	73,8	74,2	74,2	74,2	74,2	74,2	74,2	74,2	74,2	74,2	74,2	74,2
IV 6000 5000	38,4	69,0	71,2	73,0	74,5	74,9	74,9	74,9	74,9	74,9	74,9	74,9	74,9	74,9	74,9	74,9
IV 4500 4000	39,8	71,1	73,2	75,1	76,6	76,9	76,9	76,9	76,9	76,9	76,9	76,9	76,9	76,9	76,9	76,9
IV 3500 3000	41,1	73,4	75,7	77,1	78,6	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0
IV 2500 2000	43,2	80,2	83,0	84,2	85,7	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0
IV 1800 1500	45,5	81,6	84,1	85,3	86,1	87,2	87,2	87,2	87,2	87,2	87,2	87,2	87,2	87,2	87,2	87,2
IV 1200 1000	45,7	82,3	84,5	85,7	86,5	87,7	87,7	87,7	87,7	87,7	87,7	87,7	87,7	87,7	87,7	87,7
IV 900 800	45,7	82,4	84,6	85,8	86,6	87,9	87,9	87,9	87,9	87,9	87,9	87,9	87,9	87,9	87,9	87,9
IV 700 600	45,7	82,4	84,7	85,9	86,7	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0
IV 500 400	45,7	82,4	84,7	85,9	86,7	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0
IV 300 200	45,7	82,4	84,7	85,9	86,7	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0
IV 100 0	45,7	82,4	84,7	85,9	86,7	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0	88,0

TOTAL NUMBER OF OBSERVATIONS 2028

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO ARB
STATION NAME

43m45.47m47.53m68
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000000
HOURLY OBS.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	25.3	46.4	50.2	52.1	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 20000	22.6	02.2	05.1	70.9	72.2	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 18000	33.0	62.4	68.9	70.9	72.3	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 16000	33.0	62.4	68.9	70.9	72.3	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 14000	34.0	63.1	69.3	72.1	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0
IV 12000	34.9	63.1	71.9	74.8	76.5	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 10000	35.9	67.1	73.0	78.4	80.5	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 9000	36.0	68.2	73.9	79.0	81.2	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 8000	36.0	69.1	77.4	80.9	83.2	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0
IV 7000	37.0	70.9	78.7	82.2	84.3	85.1	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.5
IV 6000	37.1	71.5	79.4	82.9	85.3	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.2
IV 5000	37.0	72.8	80.5	84.0	86.4	87.0	87.1	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
IV 4500	37.6	72.9	81.2	84.7	87.2	87.8	87.9	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2
IV 4000	38.3	74.8	83.4	87.2	89.8	90.4	90.6	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9
IV 3500	39.1	76.2	85.1	89.2	91.9	92.5	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1
IV 3000	39.9	77.2	86.9	91.1	93.9	94.5	94.8	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.3	95.3
IV 2500	39.4	78.2	87.5	92.2	95.3	96.0	96.3	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 2000	39.4	78.6	88.2	92.2	96.2	97.0	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9
IV 1800	39.9	78.6	88.2	92.2	96.2	97.0	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9
IV 1500	39.9	78.7	88.4	92.3	96.8	97.6	98.3	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9
IV 1200	39.9	78.9	88.7	92.7	97.2	98.0	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 1000	39.6	79.1	88.8	92.9	97.4	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 900	39.6	79.1	88.8	92.9	97.4	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 800	39.6	79.1	88.8	92.9	97.4	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 700	39.6	79.1	88.8	92.9	97.4	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 600	39.6	79.1	88.8	92.9	97.4	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 500	39.6	79.1	88.8	92.9	97.4	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 400	39.6	79.1	88.8	92.9	97.4	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 300	39.6	79.1	88.8	92.9	97.4	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 200	39.6	79.1	88.8	92.9	97.4	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 100	39.6	79.1	88.8	92.9	97.4	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 0	39.6	79.1	88.8	92.9	97.4	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1980

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13041 WILMINGTON OHIO/CLINTON CU AFB 43-45,47-49,53-60 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (C.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25,3	56,0	59,3	62,2	63,7	64,0	64,3	64,4	64,4	64,4	64,4	64,4	64,4	64,4	64,5	64,5
≥ 20000	29,7	64,1	71,4	75,0	76,7	76,9	77,2	77,3	77,3	77,4	77,4	77,4	77,4	77,4	77,5	77,5
IV 18000	29,7	64,2	71,5	75,1	76,8	77,1	77,4	77,4	77,4	77,5	77,5	77,5	77,5	77,5	77,6	77,6
IV 16000	29,7	64,2	71,6	75,2	76,9	77,1	77,5	77,5	77,5	77,6	77,6	77,6	77,6	77,6	77,7	77,7
IV 14000	29,9	65,1	72,5	76,1	77,8	78,0	78,4	78,4	78,4	78,5	78,5	78,5	78,5	78,6	78,6	78,6
IV 12000	29,9	67,2	74,9	78,6	80,4	80,6	81,0	81,0	81,1	81,1	81,1	81,1	81,1	81,2	81,2	81,2
IV 10000	31,4	69,9	78,0	82,1	84,3	84,7	85,1	85,1	85,1	85,2	85,2	85,2	85,2	85,3	85,3	85,3
IV 9000	31,6	70,5	78,8	82,9	85,2	85,6	85,9	86,0	86,0	86,1	86,1	86,1	86,1	86,2	86,2	86,2
IV 8000	31,9	71,7	80,1	84,2	86,0	87,0	87,3	87,4	87,4	87,6	87,6	87,6	87,6	87,6	87,6	87,7
IV 7000	32,1	72,6	81,0	85,3	87,6	88,0	88,4	88,4	88,5	88,6	88,6	88,6	88,6	88,7	88,7	88,7
IV 6000	32,1	72,8	81,3	85,6	87,9	88,2	88,7	88,8	88,8	88,9	88,9	88,9	88,9	89,0	89,0	89,1
IV 5000	32,4	73,8	82,4	86,7	89,0	89,4	89,8	89,8	89,9	90,0	90,0	90,0	90,0	90,1	90,1	90,2
IV 4500	32,7	74,8	83,5	87,8	90,1	90,5	90,9	90,9	91,0	91,0	91,0	91,0	91,0	91,1	91,1	91,1
IV 4000	33,1	75,2	84,9	89,2	91,4	91,8	92,2	92,3	92,3	92,3	92,3	92,3	92,3	92,4	92,4	92,4
IV 3500	33,4	76,0	85,3	89,6	92,8	93,1	93,5	93,6	93,6	93,7	93,7	93,7	93,7	93,8	93,8	93,8
IV 3000	33,7	77,3	86,8	91,1	94,6	94,9	95,3	95,6	95,6	95,9	95,9	95,9	95,9	96,0	96,0	96,0
IV 2500	33,7	78,2	87,7	92,0	95,8	96,2	96,6	96,8	96,8	97,1	97,1	97,1	97,1	97,2	97,2	97,2
IV 2000	33,7	78,3	88,1	92,3	96,2	96,6	97,1	97,3	97,3	97,5	97,5	97,5	97,5	97,6	97,6	97,6
IV 1800	33,7	78,3	88,1	92,3	96,2	96,6	97,1	97,3	97,3	97,5	97,5	97,5	97,5	97,6	97,6	97,6
IV 1500	33,8	78,4	88,3	92,6	96,6	97,0	97,6	97,8	97,8	98,1	98,1	98,1	98,1	98,2	98,2	98,2
IV 1200	33,9	78,7	88,6	93,0	97,1	97,5	98,0	98,2	98,2	98,4	98,4	98,4	98,4	98,5	98,5	98,5
IV 1000	33,9	78,7	88,7	93,1	97,1	97,6	98,1	98,3	98,3	98,6	98,6	98,6	98,6	98,7	98,7	98,7
IV 900	33,9	78,9	88,7	93,1	97,1	97,7	98,2	98,4	98,4	98,7	98,7	98,7	98,7	98,8	98,8	98,8
IV 800	33,9	78,9	88,7	93,1	97,3	97,9	98,4	98,6	98,6	98,9	98,9	98,9	98,9	99,0	99,0	99,0
IV 700	33,9	78,9	88,8	93,1	97,4	97,9	98,5	98,8	98,8	99,0	99,0	99,0	99,0	99,1	99,1	99,1
IV 600	33,9	78,9	88,8	93,2	97,3	98,1	98,9	99,0	99,2	99,3	99,3	99,3	99,3	99,4	99,4	99,4
IV 500	33,9	78,9	88,8	93,2	97,3	98,1	98,9	99,0	99,2	99,3	99,3	99,3	99,3	99,4	99,4	99,4
IV 400	33,9	78,9	88,8	93,2	97,3	98,1	98,9	99,0	99,2	99,3	99,3	99,3	99,3	99,4	99,4	99,4
IV 300	33,9	78,9	88,8	93,2	97,3	98,1	98,9	99,0	99,2	99,3	99,3	99,3	99,3	99,4	99,4	99,4
IV 200	33,9	78,9	88,8	93,2	97,6	98,2	99,2	99,3	99,5	99,5	99,5	99,5	99,5	99,6	99,6	99,6
IV 100	33,9	78,9	88,8	93,2	97,6	98,2	99,2	99,3	99,5	99,5	99,5	99,5	99,5	99,6	99,6	99,6
IV 0	33,9	78,9	88,8	93,2	97,6	98,2	99,2	99,3	99,5	99,5	99,5	99,5	99,5	99,6	99,6	99,6

TOTAL NUMBER OF OBSERVATIONS 1967

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO APB
STATION NAME

49005, 47-49, 53-68
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURLY OBS.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 7	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20,1	69,7	48,5	51,2	52,0	53,4	54,0	54,3	54,3	54,6	54,7	54,7	54,8	54,8	54,9	54,9
≥ 20000	25,4	94,9	60,7	64,0	66,4	68,9	67,6	67,9	67,9	68,2	68,4	68,6	68,6	68,6	68,6	68,7
IVN 18000	25,5	94,4	60,8	64,2	65,6	67,0	67,7	68,0	68,3	68,4	68,6	68,6	68,7	68,7	68,8	68,9
IVN 16000	25,5	94,6	61,0	64,3	65,8	67,2	67,7	68,2	68,3	68,6	68,6	68,7	68,7	68,8	68,9	69,1
IVN 14000	25,7	93,3	61,9	63,2	64,7	65,1	65,8	66,1	66,2	66,3	66,7	66,7	66,8	66,8	66,9	67,0
IVN 12000	26,4	97,9	64,1	67,1	71,2	70,7	71,4	71,7	71,8	72,2	72,3	72,3	72,4	72,4	72,5	72,6
IVN 10000	27,3	90,0	67,2	71,1	73,9	74,4	75,2	75,6	75,6	75,6	75,7	75,8	75,8	75,8	75,9	76,0
IVN 9000	27,1	80,0	67,8	71,7	74,5	75,1	75,9	76,3	76,3	76,3	76,4	76,4	76,4	76,4	76,5	76,5
IVN 8000	27,1	81,7	67,9	73,3	76,3	76,8	77,7	78,1	78,1	78,1	78,1	78,1	78,1	78,1	78,1	78,1
IVN 7000	28,3	82,6	70,4	74,9	77,3	78,1	79,0	79,4	79,4	79,4	79,4	79,4	79,4	79,4	79,4	79,4
IVN 6000	28,4	83,1	71,0	75,1	78,1	78,8	79,6	80,0	80,1	80,3	80,6	80,7	80,8	80,8	80,9	81,0
IVN 5000	28,4	84,9	72,4	76,7	79,8	80,7	81,4	81,9	82,3	82,3	82,4	82,4	82,4	82,4	82,4	82,4
IVN 4500	29,0	84,9	73,3	77,6	80,7	81,4	82,3	82,7	82,8	82,8	82,8	82,8	82,8	82,8	82,8	82,8
IVN 4000	29,8	86,9	73,5	80,0	82,3	83,1	84,0	84,4	84,4	84,4	84,4	84,4	84,4	84,4	84,4	84,4
IVN 3500	30,2	88,2	77,0	81,7	85,1	84,8	85,8	87,2	87,3	87,5	87,9	88,0	88,1	88,1	88,2	88,2
IVN 3000	31,0	89,5	78,7	83,7	87,2	88,0	89,0	89,5	89,5	89,5	89,5	89,5	89,5	89,5	89,5	89,5
IVN 2500	31,4	91,1	80,0	85,7	89,4	90,2	91,3	91,7	91,7	91,7	91,7	91,7	91,7	91,7	91,7	91,7
IVN 2000	31,8	92,3	82,1	87,9	91,4	92,0	93,1	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6
IVN 1800	31,8	92,4	82,3	87,9	91,4	92,3	93,4	93,9	93,9	93,9	93,9	93,9	93,9	93,9	93,9	93,9
IVN 1500	32,0	92,9	82,9	88,5	92,4	93,3	94,3	94,8	94,8	94,8	94,8	94,8	94,8	94,8	94,8	94,8
IVN 1200	32,0	93,2	83,4	89,0	93,0	94,0	95,0	95,5	95,5	95,5	95,5	95,5	95,5	95,5	95,5	95,5
IVN 1000	32,1	93,4	83,9	89,5	93,5	94,5	95,5	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
IVN 900	32,1	93,5	83,9	89,5	93,5	94,5	95,5	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
IVN 800	32,1	93,5	83,9	89,5	93,5	94,5	95,5	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
IVN 700	32,1	93,5	83,9	89,5	93,5	94,5	95,5	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
IVN 600	32,1	93,5	83,9	89,5	93,5	94,5	95,5	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
IVN 500	32,1	93,5	83,9	89,5	93,5	94,5	95,5	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
IVN 400	32,1	93,5	83,9	89,5	93,5	94,5	95,5	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
IVN 300	32,1	93,5	83,9	89,5	93,5	94,5	95,5	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
IVN 200	32,1	93,5	83,9	89,5	93,5	94,5	95,5	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
IVN 100	32,1	93,5	83,9	89,5	93,5	94,5	95,5	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0
IVN 0	32,1	93,5	83,9	89,5	93,5	94,5	95,5	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0	96,0

TOTAL NUMBER OF OBSERVATIONS 14805

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

42-49, 53-60, 63-67
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L. T. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	32.8	58.2	62.4	64.1	65.6	65.8	66.0	66.2	66.3	66.4	66.4	66.5	66.6	66.6	67.1
IV 20000	34.7	62.2	67.7	69.4	70.9	71.1	71.4	71.6	71.7	71.8	71.9	71.9	72.0	72.0	72.8
IV 18000	34.7	62.2	67.7	69.4	70.9	71.1	71.4	71.6	71.7	71.8	71.9	71.9	72.0	72.0	72.8
IV 16000	34.7	62.2	67.7	69.4	70.9	71.1	71.4	71.6	71.7	71.8	71.9	71.9	72.0	72.0	72.8
IV 14000	34.7	62.2	67.7	69.4	70.9	71.1	71.4	71.6	71.7	71.8	71.9	71.9	72.0	72.0	72.8
IV 12000	34.7	62.2	67.7	69.4	70.9	71.1	71.4	71.6	71.7	71.8	71.9	71.9	72.0	72.0	72.8
IV 10000	36.0	69.7	74.8	76.4	77.9	78.1	78.4	78.6	78.7	78.8	78.9	79.0	79.0	79.1	80.0
IV 9000	36.0	69.7	74.8	76.4	77.9	78.1	78.4	78.6	78.7	78.8	78.9	79.0	79.0	79.1	80.0
IV 8000	37.2	71.4	77.0	78.6	80.1	80.7	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.5	82.5
IV 7000	38.3	72.8	78.4	80.0	82.0	82.3	82.6	82.9	82.9	83.1	83.1	83.1	83.1	83.5	84.2
IV 6000	38.5	72.8	78.4	80.0	82.0	82.3	82.6	82.9	82.9	83.1	83.1	83.1	83.1	83.5	84.2
IV 5000	38.5	72.8	78.4	80.0	82.0	82.3	82.6	82.9	82.9	83.1	83.1	83.1	83.1	83.5	84.2
IV 4500	38.5	72.8	78.4	80.0	82.0	82.3	82.6	82.9	82.9	83.1	83.1	83.1	83.1	83.5	84.2
IV 4000	38.5	72.8	78.4	80.0	82.0	82.3	82.6	82.9	82.9	83.1	83.1	83.1	83.1	83.5	84.2
IV 3500	39.0	77.0	82.8	84.2	85.9	86.7	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.4	88.7
IV 3000	39.0	77.0	82.8	84.2	85.9	86.7	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.4	88.7
IV 2500	39.1	79.0	86.5	87.9	89.9	91.8	92.2	92.6	92.7	92.8	92.8	92.8	92.8	93.1	94.6
IV 2000	39.1	79.0	86.5	87.9	89.9	91.8	92.2	92.6	92.7	92.8	92.8	92.8	92.8	93.1	94.6
IV 1800	39.2	79.0	86.5	87.9	89.9	91.8	92.2	92.6	92.7	92.8	92.8	92.8	92.8	93.1	94.6
IV 1500	39.2	79.0	86.5	87.9	89.9	91.8	92.2	92.6	92.7	92.8	92.8	92.8	92.8	93.1	94.6
IV 1200	39.2	80.0	87.1	88.6	90.7	92.6	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.8	95.2
IV 1000	39.2	80.0	87.1	88.6	90.7	92.6	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.8	95.2
IV 900	39.2	80.0	87.1	88.6	90.7	92.6	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.8	95.2
IV 800	39.2	80.0	87.1	88.6	90.7	92.6	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.8	95.2
IV 700	39.3	80.6	88.8	90.2	92.4	94.3	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.6	97.0
IV 600	39.3	80.6	88.8	90.2	92.4	94.3	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.6	97.0
IV 500	39.3	80.6	88.8	90.2	92.4	94.3	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.6	97.0
IV 400	39.3	80.6	88.8	90.2	92.4	94.3	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.6	97.0
IV 300	39.3	80.6	88.8	90.2	92.4	94.3	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.6	97.0
IV 200	39.3	80.6	88.8	90.2	92.4	94.3	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.6	97.0
IV 100	39.3	80.6	88.8	90.2	92.4	94.3	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.6	97.0
IV 0	39.3	80.6	88.8	90.2	92.4	94.3	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.6	97.0

TOTAL NUMBER OF OBSERVATIONS 1688

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHBVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-49, 83-60, 64-67
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26,3	51,3	56,3	58,6	60,4	60,5	61,6	61,8	61,9	62,6	62,8	62,8	63,1	63,2	63,2	63,6
IV 20000	28,0	52,3	60,7	62,1	62,0	62,2	62,2	62,5	62,6	62,8	62,8	62,8	63,1	63,2	63,2	63,6
IV 18000	28,0	52,3	60,7	62,1	62,0	62,2	62,2	62,5	62,6	62,8	62,8	62,8	63,1	63,2	63,2	63,6
IV 16000	28,0	52,3	60,7	62,1	62,0	62,2	62,2	62,5	62,6	62,8	62,8	62,8	63,1	63,2	63,2	63,6
IV 14000	28,0	52,3	60,7	62,1	62,0	62,2	62,2	62,5	62,6	62,8	62,8	62,8	63,1	63,2	63,2	63,6
IV 12000	28,0	52,3	60,7	62,1	62,0	62,2	62,2	62,5	62,6	62,8	62,8	62,8	63,1	63,2	63,2	63,6
IV 10000	29,4	56,8	66,7	69,6	71,8	72,0	73,0	73,3	73,4	74,2	74,2	74,2	74,6	74,7	75,0	75,7
IV 9000	29,6	57,0	67,7	70,7	72,8	73,0	74,1	74,4	74,4	75,2	75,3	75,3	75,7	75,8	76,0	76,7
IV 8000	30,2	62,3	69,8	72,8	75,0	75,2	76,3	76,5	76,7	77,4	77,6	77,6	77,9	78,1	78,3	79,0
IV 7000	30,9	64,7	71,6	74,7	77,0	77,2	78,4	78,7	78,7	79,5	79,5	80,0	80,0	80,3	80,3	81,0
IV 6000	31,6	65,3	72,3	75,3	78,2	78,4	79,6	79,9	80,0	80,9	81,0	81,0	81,4	81,5	81,7	82,4
IV 5000	31,6	66,3	72,3	75,3	80,1	80,4	81,6	81,9	82,0	82,9	83,0	83,0	83,4	83,5	83,5	84,2
IV 4500	31,9	67,0	74,6	78,4	80,9	81,1	82,4	82,7	82,7	83,7	83,8	83,8	84,1	84,3	84,3	85,0
IV 4000	31,9	67,0	74,6	78,4	80,9	81,1	82,4	82,7	82,7	83,7	83,8	83,8	84,1	84,3	84,3	85,0
IV 3500	31,9	68,8	76,7	80,7	83,3	83,5	84,8	85,2	85,3	86,2	86,4	86,4	86,7	86,8	87,1	87,8
IV 3000	31,9	69,7	77,9	82,2	85,0	85,2	86,5	87,0	87,1	88,0	88,1	88,1	88,5	88,6	88,9	89,6
IV 2500	31,9	70,3	78,8	83,2	86,1	86,4	87,7	88,2	88,3	89,2	89,4	89,4	89,7	89,8	90,1	90,8
IV 2000	31,9	70,6	79,3	83,9	86,8	87,1	88,4	88,9	89,0	90,0	90,2	90,2	90,5	90,6	90,9	91,6
IV 1800	31,9	71,4	80,5	85,0	87,9	88,2	89,6	90,1	90,2	91,1	91,3	91,3	91,6	91,7	92,0	92,7
IV 1500	32,0	71,4	80,5	85,0	87,9	88,2	89,6	90,1	90,2	91,1	91,3	91,3	91,6	91,7	92,0	92,7
IV 1200	32,0	72,1	81,6	86,1	89,0	89,3	90,7	91,1	91,2	92,1	92,3	92,3	92,6	92,7	93,0	93,7
IV 1000	32,1	72,5	82,3	86,8	89,7	90,0	91,4	91,7	91,8	92,7	92,9	92,9	93,2	93,3	93,6	94,3
IV 900	32,1	72,5	82,3	86,8	89,7	90,0	91,4	91,7	91,8	92,7	92,9	92,9	93,2	93,3	93,6	94,3
IV 800	32,1	72,5	82,3	86,8	89,7	90,0	91,4	91,7	91,8	92,7	92,9	92,9	93,2	93,3	93,6	94,3
IV 700	32,1	72,5	82,3	86,8	89,7	90,0	91,4	91,7	91,8	92,7	92,9	92,9	93,2	93,3	93,6	94,3
IV 600	32,1	72,5	82,3	86,8	89,7	90,0	91,4	91,7	91,8	92,7	92,9	92,9	93,2	93,3	93,6	94,3
IV 500	32,1	72,5	82,3	86,8	89,7	90,0	91,4	91,7	91,8	92,7	92,9	92,9	93,2	93,3	93,6	94,3
IV 400	32,1	72,5	82,3	86,8	89,7	90,0	91,4	91,7	91,8	92,7	92,9	92,9	93,2	93,3	93,6	94,3
IV 300	32,1	72,5	82,3	86,8	89,7	90,0	91,4	91,7	91,8	92,7	92,9	92,9	93,2	93,3	93,6	94,3
IV 200	32,1	72,5	82,3	86,8	89,7	90,0	91,4	91,7	91,8	92,7	92,9	92,9	93,2	93,3	93,6	94,3
IV 100	32,1	72,5	82,3	86,8	89,7	90,0	91,4	91,7	91,8	92,7	92,9	92,9	93,2	93,3	93,6	94,3
IV 0	32,1	72,5	82,3	86,8	89,7	90,0	91,4	91,7	91,8	92,7	92,9	92,9	93,2	93,3	93,6	94,3

TOTAL NUMBER OF OBSERVATIONS 1627

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 WILMINGTON OHIO/CLINTON CO AFB

43-49, 53-60, 63-68

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS TL 517

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	18.9	36.1	42.1	45.0	47.7	48.5	49.8	50.4	50.5	51.0	51.3	51.3	51.6	51.8	52.1	52.2
IV 20000	21.7	43.1	49.1	53.4	56.9	57.7	59.3	59.6	59.9	60.5	60.8	60.8	61.1	61.4	61.8	62.0
IV 18000	21.7	43.2	49.1	53.4	56.9	57.7	59.3	59.9	60.0	60.6	60.8	60.8	61.1	61.4	61.8	62.0
IV 16000	21.6	43.4	49.4	53.7	57.2	58.0	59.6	60.1	60.2	60.8	61.1	61.1	61.5	61.7	62.3	62.3
IV 14000	22.0	44.2	50.1	54.5	58.0	58.8	60.4	61.0	61.1	61.7	62.0	62.0	62.4	62.6	63.0	63.2
IV 12000	22.0	46.0	52.1	56.8	60.7	61.5	63.2	63.8	63.9	64.6	64.9	64.9	65.5	65.5	65.9	66.1
IV 10000	23.9	48.4	54.8	59.6	63.8	64.8	66.7	67.3	67.4	68.1	68.3	68.3	68.8	69.0	69.4	69.6
IV 9000	23.5	49.1	55.6	60.4	64.9	65.9	67.9	68.6	68.8	69.4	69.7	69.7	70.3	70.3	70.7	70.9
IV 8000	24.7	50.9	57.5	62.6	67.6	68.8	70.3	71.5	71.6	72.2	72.5	72.5	72.9	73.2	73.9	73.9
IV 7000	25.2	52.4	59.5	64.6	69.7	71.0	73.2	73.9	74.0	74.7	75.0	75.0	75.5	75.7	76.1	76.4
IV 6000	25.5	53.3	60.8	66.1	71.2	72.5	74.7	75.4	75.5	76.2	76.5	76.5	76.9	77.2	77.6	77.9
IV 5000	25.9	54.1	62.0	67.5	72.8	74.3	76.5	77.2	77.4	78.0	78.3	78.3	78.8	79.0	79.4	79.8
IV 4500	26.0	54.5	62.4	67.9	73.5	74.9	77.2	77.9	78.0	78.7	79.1	79.1	79.5	79.8	80.2	80.5
IV 4000	26.0	56.2	64.3	70.0	75.5	77.1	79.4	80.2	80.3	81.0	81.4	81.4	81.8	82.1	82.5	82.8
IV 3500	26.7	57.1	65.9	71.1	76.7	78.3	80.6	81.4	81.5	82.2	82.6	82.6	83.0	83.3	83.7	84.0
IV 3000	26.8	57.9	66.9	72.4	78.3	79.8	82.1	83.0	83.1	83.8	84.1	84.1	84.6	84.8	85.1	85.6
IV 2500	26.8	58.7	67.3	73.6	79.6	81.1	83.5	84.4	84.5	85.2	85.7	85.7	86.1	86.4	86.8	87.1
IV 2000	26.8	59.1	67.8	74.1	80.3	81.9	84.2	85.1	85.2	86.0	86.5	86.5	86.9	87.2	87.6	87.9
IV 1800	26.8	59.2	67.8	74.2	80.3	81.9	84.3	85.1	85.3	86.1	86.5	86.5	86.9	87.2	87.6	88.0
IV 1500	26.9	59.7	68.5	74.9	81.1	82.7	85.3	86.2	86.3	87.1	87.5	87.5	87.9	88.2	88.6	89.0
IV 1200	26.9	60.0	69.0	75.8	82.1	83.7	86.4	87.3	87.4	88.2	88.6	88.6	89.0	89.3	89.7	90.3
IV 1000	27.2	60.5	70.1	76.3	83.4	85.0	87.7	88.6	88.7	89.5	89.9	89.9	90.3	90.6	91.0	91.8
IV 900	27.2	61.0	70.9	77.3	83.9	85.5	88.2	89.1	89.2	90.0	90.4	90.4	90.8	91.1	91.5	92.3
IV 800	27.2	61.2	70.9	77.3	83.9	85.5	88.2	89.1	89.2	90.0	90.4	90.4	90.8	91.1	91.5	92.3
IV 700	27.3	61.4	71.0	78.2	84.9	86.5	89.2	90.1	90.2	91.0	91.4	91.4	91.8	92.1	92.5	93.3
IV 600	27.3	61.6	71.2	78.5	85.6	87.2	90.0	90.9	91.0	91.8	92.2	92.2	92.6	92.9	93.3	94.0
IV 500	27.3	61.9	71.7	79.0	86.1	87.7	90.5	91.4	91.5	92.3	92.7	92.7	93.1	93.4	93.8	94.6
IV 400	27.3	61.9	71.7	79.2	86.1	87.7	90.5	91.4	91.5	92.3	92.7	92.7	93.1	93.4	93.8	94.6
IV 300	27.3	61.9	71.7	79.2	86.1	87.7	90.5	91.4	91.5	92.3	92.7	92.7	93.1	93.4	93.8	94.6
IV 200	27.3	61.9	71.7	79.2	86.1	87.7	90.5	91.4	91.5	92.3	92.7	92.7	93.1	93.4	93.8	94.6
IV 100	27.3	61.9	71.7	79.2	86.1	87.7	90.5	91.4	91.5	92.3	92.7	92.7	93.1	93.4	93.8	94.6
IV 0	27.3	61.9	71.7	79.2	86.1	87.7	90.5	91.4	91.5	92.3	92.7	92.7	93.1	93.4	93.8	94.6

TOTAL NUMBER OF OBSERVATIONS 1744

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

CEILING VERSUS VISIBILITY

12841
STATION

WILMINGTON OHIO/CLINTON CG AFB
STATION NAME

43-49-53-00
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.5	43.0	46.0	48.2	49.3	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 20000	34.9	31.8	35.5	38.2	39.7	39.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 18000	35.0	31.9	35.6	38.3	39.8	39.8	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 16000	35.0	31.9	35.6	38.3	39.8	39.8	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 14000	38.9	53.2	56.9	59.9	61.2	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 12000	38.9	53.2	56.9	59.9	61.2	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 10000	38.8	58.9	62.6	65.7	67.6	67.9	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 9000	38.8	58.9	62.6	65.7	67.6	67.9	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 8000	39.7	61.4	66.2	69.7	72.0	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 7000	40.0	62.1	67.0	71.0	73.5	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 6000	40.9	62.9	67.9	71.7	74.3	74.9	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 5000	40.9	62.9	67.9	71.7	74.3	74.9	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 4500	41.0	64.2	69.6	73.6	76.3	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4000	41.0	64.2	69.6	73.6	76.3	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 3500	41.0	66.6	72.2	76.6	79.5	80.3	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 3000	42.6	67.9	73.6	78.0	81.1	82.1	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 2500	43.4	69.9	75.4	79.9	83.1	84.2	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 2000	43.9	70.6	76.6	81.2	84.6	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1800	44.0	70.7	76.9	81.5	85.0	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1500	44.1	72.0	78.3	83.3	86.7	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 1200	44.3	72.8	79.3	84.6	88.1	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1000	44.4	73.9	80.6	86.0	89.7	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 900	44.4	74.9	81.3	87.9	91.7	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 800	44.4	74.9	81.3	87.9	91.7	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 700	44.4	74.9	81.3	87.9	91.7	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 600	44.4	74.9	81.3	87.9	91.7	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 500	44.4	74.9	81.3	87.9	91.7	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 400	44.4	74.9	81.3	87.9	91.7	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 300	44.4	74.9	81.3	87.9	91.7	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 200	44.4	74.9	81.3	87.9	91.7	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 100	44.4	74.9	81.3	87.9	91.7	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 0	44.4	74.9	81.3	87.9	91.7	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1927

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON DMID/CLINTON CO AFB
STATION NAME

43m49.53m08
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L. S. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.9	40.2	42.2	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 20000	39.5	52.5	53.0	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 18000	40.0	52.6	55.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 16000	40.1	52.7	55.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 14000	41.2	54.2	56.8	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 12000	42.5	56.2	58.9	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 10000	43.7	59.0	62.0	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 9000	44.1	59.9	63.0	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 8000	44.7	61.6	64.9	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 7000	45.4	62.9	66.3	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 6000	46.0	63.8	67.3	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 5000	47.2	65.5	69.0	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 4500	47.7	66.5	70.0	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 4000	50.2	70.0	73.6	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 3500	51.7	72.7	76.4	78.7	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 3000	53.5	76.1	80.2	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 2500	54.6	78.1	82.7	85.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2000	55.6	80.5	85.6	88.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1800	55.9	81.0	86.3	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1500	56.5	82.5	88.0	90.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1200	56.9	83.2	89.1	92.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1000	56.7	83.4	89.5	93.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	56.7	83.7	89.9	94.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	56.7	83.9	90.1	95.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	56.8	84.1	90.4	94.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 600	56.8	84.1	90.4	94.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	56.8	84.1	90.4	94.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 400	56.8	84.2	90.6	94.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 300	56.8	84.2	90.6	94.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 200	56.8	84.2	90.6	94.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 100	56.8	84.2	90.6	94.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 0	56.8	84.2	90.6	94.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 1967

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

18841 WILMINGTON OHIO/CLINTON CO AFB 43-49-53-68 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 1/16	≥ 0
NO CEILING	33.7	45.3	46.7	47.3	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 200'0	44.9	58.4	60.2	61.3	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 18000	43.0	58.9	60.8	61.3	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 16000	43.1	58.9	60.8	61.7	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 14000	43.6	59.7	61.3	62.3	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 12000	47.0	61.6	63.6	64.6	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 10000	48.7	65.2	67.3	68.3	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 9000	49.0	65.7	67.8	68.9	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 8000	49.7	67.8	70.3	71.3	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 7000	49.9	70.0	72.6	73.6	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 6000	51.0	70.8	73.3	74.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 5000	52.3	72.7	75.4	76.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4500	52.9	73.8	76.3	77.8	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 4000	54.8	74.3	76.8	78.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3500	56.0	75.2	78.4	79.7	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 3000	57.2	76.2	79.6	80.8	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 2500	58.4	77.4	80.9	82.1	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 2000	58.7	78.4	82.0	83.2	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 1800	58.9	78.5	82.1	83.3	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 1500	59.0	78.6	82.2	83.4	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 1200	59.0	78.7	82.3	83.5	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 1000	59.0	78.8	82.4	83.6	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 900	59.0	78.9	82.5	83.7	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 800	59.0	79.0	82.6	83.8	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 700	59.0	79.1	82.7	83.9	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 600	59.0	79.2	82.8	84.0	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 500	59.0	79.3	82.9	84.1	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 400	59.0	79.4	83.0	84.2	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 300	59.0	79.5	83.1	84.3	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 200	59.0	79.6	83.2	84.4	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 100	59.0	79.7	83.3	84.5	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 0	59.0	79.8	83.4	84.6	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3

TOTAL NUMBER OF OBSERVATIONS 2046

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13041 STATION WILMINGTON OHIO/CLINTON CO AFB STATION NAME 43-49,53-66 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800 HOURS 2000 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.5	53.2	55.9	57.0	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
IV 20000	45.0	64.7	68.0	69.5	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5
IV 18000	45.0	64.7	68.0	69.5	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5
IV 16000	45.2	68.0	68.4	69.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9
IV 14000	45.7	65.4	69.3	70.8	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8
IV 12000	46.4	67.6	71.0	72.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
IV 10000	47.4	71.3	75.0	76.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
IV 9000	48.4	71.9	73.8	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
IV 8000	49.6	74.3	78.7	80.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
IV 7000	50.7	76.8	81.4	83.3	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
IV 6000	51.0	77.8	82.5	84.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
IV 5000	51.4	78.8	83.5	85.3	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
IV 4500	51.6	79.2	84.0	86.0	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
IV 4000	51.9	80.4	85.3	87.4	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
IV 3500	52.3	81.0	86.1	88.2	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
IV 3000	52.9	82.6	87.8	90.0	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
IV 2500	53.0	83.4	88.9	91.0	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
IV 2000	53.0	84.2	89.9	92.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
IV 1800	53.2	84.9	90.8	93.3	95.7	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
IV 1500	53.2	84.9	90.8	93.3	95.7	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
IV 1200	53.2	85.3	91.2	93.8	96.2	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
IV 1000	53.2	85.3	91.3	94.0	96.4	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
IV 900	53.2	85.3	91.3	94.1	96.5	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
IV 800	53.2	85.7	91.7	94.3	97.0	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
IV 700	53.2	85.7	91.8	94.6	97.2	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 600	53.2	85.7	91.8	94.7	97.2	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 500	53.2	85.7	91.8	94.7	97.2	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 400	53.2	85.7	91.8	94.7	97.2	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 300	53.2	85.7	91.8	94.7	97.2	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 200	53.2	85.7	91.8	94.7	97.2	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 100	53.2	85.7	91.8	94.7	97.2	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 0	53.2	85.7	91.8	94.7	97.2	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1

TOTAL NUMBER OF OBSERVATIONS 2046

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 WILMINGTON OHIO/CLINTON CO AFB

43-49, 53-68

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.5	61.1	64.3	65.5	66.3	66.4	66.5	66.5	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.9
≥ 2000	40.8	69.0	72.9	74.2	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.8
IV 18000	40.8	69.0	72.9	74.2	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.8
IV 16000	40.8	69.1	73.0	74.3	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.9
IV 14000	40.9	69.6	73.5	75.0	75.7	75.9	76.1	76.2	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.7
IV 12000	41.6	71.5	75.5	77.0	77.8	78.0	78.2	78.2	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.7
IV 10000	42.2	75.0	79.2	80.8	81.5	81.7	81.9	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3
IV 9000	42.4	75.5	79.2	81.4	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 8000	43.5	77.6	82.2	83.9	84.6	84.8	85.0	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.6
IV 7000	44.0	79.4	83.9	85.7	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 6000	44.1	79.8	84.4	86.2	87.2	87.4	87.7	87.7	87.7	87.7	88.0	88.1	88.1	88.1	88.1	88.3
IV 5000	44.3	80.9	85.5	87.3	88.3	88.5	88.7	88.9	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3
IV 4500	44.5	81.3	86.0	87.8	88.9	89.1	89.3	89.5	89.5	89.7	89.9	90.0	90.0	90.0	90.0	90.2
IV 4000	44.5	82.2	87.0	88.8	90.0	90.2	90.4	90.8	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.4
IV 3500	44.5	83.0	87.9	89.7	91.0	91.3	91.6	91.9	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	44.5	83.9	88.9	90.7	92.0	92.3	92.6	93.1	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	45.2	84.7	89.7	91.5	92.8	93.1	93.4	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	45.2	85.1	90.1	91.9	93.2	93.5	93.8	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1800	45.2	85.1	90.5	92.3	93.6	93.9	94.3	94.8	95.4	95.5	95.6	95.8	95.8	95.8	95.8	95.8
IV 1500	45.2	85.3	90.8	92.6	93.9	94.2	94.6	95.1	95.7	95.8	96.0	96.3	96.3	96.3	96.3	96.3
IV 1200	45.3	85.5	91.2	93.0	94.3	94.6	95.0	95.5	96.1	96.2	96.4	96.7	96.7	96.7	96.7	96.7
IV 1000	45.3	85.6	91.5	93.3	94.6	94.9	95.3	95.8	96.4	96.5	96.7	97.0	97.0	97.0	97.0	97.0
IV 900	45.3	85.7	91.8	93.6	94.9	95.2	95.6	96.1	96.7	96.8	97.0	97.3	97.3	97.3	97.3	97.3
IV 800	45.3	85.9	92.1	93.9	95.2	95.5	95.9	96.4	97.0	97.1	97.3	97.6	97.6	97.6	97.6	97.6
IV 700	45.3	86.0	92.4	94.2	95.5	95.8	96.2	96.7	97.3	97.4	97.6	97.9	97.9	97.9	97.9	97.9
IV 600	45.3	86.0	92.4	94.2	95.5	95.8	96.2	96.7	97.3	97.4	97.6	97.9	97.9	97.9	97.9	97.9
IV 500	45.3	86.1	92.5	94.3	95.6	95.9	96.3	96.8	97.4	97.5	97.7	98.0	98.0	98.0	98.0	98.0
IV 400	45.3	86.1	92.5	94.3	95.6	95.9	96.3	96.8	97.4	97.5	97.7	98.0	98.0	98.0	98.0	98.0
IV 300	45.3	86.1	92.5	94.3	95.6	95.9	96.3	96.8	97.4	97.5	97.7	98.0	98.0	98.0	98.0	98.0
IV 200	45.3	86.1	92.5	94.3	95.6	95.9	96.3	96.8	97.4	97.5	97.7	98.0	98.0	98.0	98.0	98.0
IV 100	45.3	86.1	92.5	94.3	95.6	95.9	96.3	96.8	97.4	97.5	97.7	98.0	98.0	98.0	98.0	98.0
IV 0	45.3	86.1	92.5	94.3	95.6	95.9	96.3	96.8	97.4	97.5	97.7	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 2028

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13641
STATION

WILMINGTON CHIO/CLINTON CO AFB
STATION NAME

42-49, 53-68
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.8	48.6	51.8	53.5	54.6	54.8	55.1	55.2	55.3	55.4	55.5	55.5	55.5	55.6	55.7	55.8
≥ 20000	36.1	57.9	61.3	63.2	64.6	64.8	65.1	65.2	65.3	65.4	65.5	65.6	65.6	65.7	65.8	66.0
IV 18000	36.4	57.6	61.4	63.3	64.6	64.8	65.2	65.3	65.4	65.5	65.6	65.6	65.7	65.8	66.0	66.1
IV 16000	36.4	57.7	61.6	63.3	64.8	65.0	65.4	65.5	65.6	65.7	65.8	65.8	65.9	66.0	66.1	66.2
IV 14000	37.3	58.0	62.4	64.4	65.7	65.9	66.3	66.5	66.5	66.7	66.8	66.8	66.9	66.9	67.0	67.2
IV 12000	38.2	60.4	64.4	66.3	67.9	68.1	68.3	68.7	68.7	68.9	69.0	69.0	69.1	69.1	69.2	69.4
IV 10000	39.7	62.7	68.0	70.2	71.8	72.0	72.5	72.6	72.6	72.9	73.0	73.0	73.0	73.0	73.2	73.4
IV 9000	39.7	64.4	68.7	71.0	72.6	72.8	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.9	74.2
IV 8000	40.3	66.4	71.0	73.5	75.2	75.5	76.0	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.6	76.9
IV 7000	41.2	68.0	72.6	75.4	77.2	77.5	78.0	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.7	79.0
IV 6000	41.8	69.9	73.7	76.3	78.2	78.5	79.1	79.2	79.3	79.5	79.5	79.5	79.5	79.5	79.8	80.1
IV 5000	42.1	69.9	73.7	77.9	79.9	80.2	80.8	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.6	81.8
IV 4500	42.4	70.0	73.8	78.0	80.7	81.1	81.7	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.4	82.6
IV 4000	43.2	72.3	77.1	80.7	82.9	83.3	83.9	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.7	84.9
IV 3500	43.7	73.0	79.1	82.2	84.4	84.8	85.4	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.3	86.5
IV 3000	44.4	75.2	81.0	84.2	86.3	86.7	87.4	87.6	87.7	87.9	88.1	88.2	88.2	88.2	88.5	88.7
IV 2500	44.8	76.5	82.6	85.9	88.0	88.4	89.1	89.3	89.4	89.6	89.8	89.8	89.8	89.8	90.1	90.3
IV 2000	45.0	77.3	83.6	87.1	89.1	89.5	90.0	90.1	90.2	90.4	90.6	90.6	90.6	90.6	90.9	91.1
IV 1800	45.1	77.4	83.8	87.3	89.3	89.7	90.2	90.3	90.4	90.6	90.8	90.8	90.8	90.8	91.1	91.3
IV 1500	45.2	78.1	84.7	88.4	90.3	90.7	91.1	91.2	91.3	91.5	91.7	91.7	91.7	91.7	92.0	92.2
IV 1200	45.3	78.7	85.4	89.3	91.1	91.5	91.8	91.9	92.0	92.2	92.4	92.4	92.4	92.4	92.7	92.9
IV 1000	45.4	79.1	86.0	90.0	91.8	92.2	92.5	92.6	92.7	92.9	93.1	93.1	93.1	93.1	93.4	93.6
IV 900	45.4	79.2	86.1	90.1	91.9	92.3	92.6	92.7	92.8	93.0	93.2	93.2	93.2	93.2	93.5	93.7
IV 800	45.5	79.4	86.2	90.2	92.0	92.4	92.7	92.8	92.9	93.1	93.3	93.3	93.3	93.3	93.6	93.8
IV 700	45.5	79.5	86.3	90.3	92.1	92.5	92.8	92.9	93.0	93.2	93.4	93.4	93.4	93.4	93.7	93.9
IV 600	45.5	79.7	86.4	90.4	92.2	92.6	92.9	93.0	93.1	93.3	93.5	93.5	93.5	93.5	93.8	94.0
IV 500	45.5	79.8	86.5	90.5	92.3	92.7	93.0	93.1	93.2	93.4	93.6	93.6	93.6	93.6	93.9	94.1
IV 400	45.5	79.8	86.5	90.5	92.3	92.7	93.0	93.1	93.2	93.4	93.6	93.6	93.6	93.6	93.9	94.1
IV 300	45.5	79.8	86.5	90.5	92.3	92.7	93.0	93.1	93.2	93.4	93.6	93.6	93.6	93.6	93.9	94.1
IV 200	45.5	79.8	86.5	90.5	92.3	92.7	93.0	93.1	93.2	93.4	93.6	93.6	93.6	93.6	93.9	94.1
IV 100	45.5	79.8	86.5	90.5	92.3	92.7	93.0	93.1	93.2	93.4	93.6	93.6	93.6	93.6	93.9	94.1
IV 0	45.5	79.8	86.5	90.5	92.3	92.7	93.0	93.1	93.2	93.4	93.6	93.6	93.6	93.6	93.9	94.1

TOTAL NUMBER OF OBSERVATIONS 15053

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-48, 53-60, 62-67
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS - Zulu

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.7	33.2	37.5	34.2	60.5	60.7	61.8	61.9	61.9	62.2	62.3	62.3	62.5	62.5	62.5	62.8
≥ 20000	33.6	37.1	61.6	63.8	63.2	65.5	66.6	67.0	67.0	67.3	67.4	67.4	67.6	67.6	67.6	67.9
IV 18000	33.8	37.1	61.6	63.8	63.2	65.5	66.6	67.0	67.0	67.3	67.4	67.4	67.6	67.6	67.6	67.9
IV 16000	33.8	37.2	61.7	63.8	63.3	65.6	66.7	67.1	67.1	67.4	67.4	67.4	67.6	67.6	67.7	67.9
IV 14000	33.8	37.5	62.3	64.5	63.9	65.9	67.4	67.7	67.7	68.0	68.1	68.1	68.3	68.3	68.3	68.6
IV 12000	35.3	39.5	63.9	66.2	67.6	67.9	69.1	69.4	69.4	69.7	69.8	69.8	70.0	70.0	70.0	70.5
IV 10000	36.1	62.3	67.4	69.7	71.2	71.5	72.6	73.0	73.0	73.3	73.3	73.3	73.5	73.5	73.6	73.8
IV 9000	36.4	63.0	68.2	70.4	71.9	72.2	73.3	73.7	73.7	74.0	74.1	74.1	74.2	74.2	74.3	74.5
IV 8000	35.4	64.7	70.1	72.9	74.1	74.4	75.5	75.9	75.9	76.2	76.2	76.2	76.4	76.4	76.5	76.7
IV 7000	37.3	65.0	71.4	73.8	75.3	75.6	76.9	77.3	77.3	77.6	77.6	77.6	77.8	77.8	77.9	78.1
IV 6000	38.1	66.8	72.6	75.1	76.7	77.0	78.3	78.6	78.6	79.0	79.1	79.1	79.3	79.3	79.3	79.6
IV 5000	38.7	68.1	74.2	76.8	78.5	78.8	80.2	80.6	80.6	80.9	81.0	81.0	81.3	81.3	81.4	81.6
IV 4500	39.1	69.3	75.9	78.1	79.9	80.2	81.6	82.0	82.0	82.3	82.4	82.4	82.7	82.7	82.8	83.0
IV 4000	39.4	70.6	77.0	79.7	81.5	81.9	83.3	83.7	83.7	84.0	84.1	84.1	84.4	84.4	84.5	84.7
IV 3500	39.7	71.4	77.7	80.5	82.2	82.6	84.4	84.7	84.7	85.1	85.2	85.2	85.5	85.5	85.6	85.8
IV 3000	39.9	72.1	78.6	81.4	83.3	83.7	85.3	85.6	85.6	86.0	86.1	86.1	86.4	86.4	86.5	86.7
IV 2500	40.7	74.1	81.1	84.0	86.1	86.5	88.0	88.4	88.4	88.7	88.8	88.8	89.1	89.1	89.2	89.4
IV 2000	41.1	75.6	82.0	86.0	88.3	88.7	90.2	90.7	90.7	91.0	91.1	91.1	91.4	91.4	91.5	91.7
IV 1800	41.1	75.7	82.1	86.1	88.5	88.9	90.5	90.9	90.9	91.3	91.4	91.4	91.7	91.7	91.7	92.0
IV 1500	41.3	76.1	82.7	86.9	89.4	89.8	91.3	91.7	91.7	92.1	92.2	92.2	92.5	92.5	92.6	92.8
IV 1200	41.3	76.7	84.6	88.4	90.7	91.1	92.6	93.0	93.0	93.4	93.5	93.5	93.8	93.8	93.9	94.1
IV 1000	41.9	77.1	85.5	89.1	92.0	92.4	93.9	94.3	94.3	94.8	94.9	94.9	95.3	95.3	95.4	95.6
IV 900	42.4	77.5	86.8	89.9	92.8	93.2	94.8	95.2	95.2	95.7	95.8	95.8	96.2	96.2	96.3	96.5
IV 800	41.4	77.4	86.0	89.8	92.8	93.2	94.8	95.4	95.4	95.9	96.0	96.0	96.4	96.4	96.5	96.8
IV 700	41.9	77.7	86.4	90.3	93.5	93.9	95.3	95.9	95.9	96.4	96.5	96.5	96.9	96.9	97.0	97.3
IV 600	41.9	77.9	86.7	90.7	94.5	95.0	96.7	97.3	97.3	97.8	97.9	97.9	98.3	98.3	98.4	98.7
IV 500	41.9	77.9	86.7	90.7	94.5	95.0	96.7	97.3	97.3	97.8	97.9	97.9	98.3	98.3	98.4	98.7
IV 400	41.9	77.9	86.7	90.7	94.5	95.0	96.7	97.3	97.3	97.8	97.9	97.9	98.3	98.3	98.4	98.7
IV 300	41.4	78.0	86.1	91.0	94.9	95.3	97.3	97.9	97.9	98.4	98.5	98.5	98.9	98.9	99.0	99.3
IV 200	41.4	78.0	86.1	91.0	94.9	95.3	97.3	97.9	97.9	98.4	98.5	98.5	98.9	98.9	99.0	99.3
IV 100	41.4	78.0	86.1	91.0	94.9	95.3	97.3	97.9	97.9	98.4	98.5	98.5	98.9	98.9	99.0	99.3
IV 0	41.4	78.0	86.1	91.0	94.9	95.3	97.3	97.9	97.9	98.4	98.5	98.5	98.9	98.9	99.0	99.3

TOTAL NUMBER OF OBSERVATIONS 1658

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CG AFB
SIXION NAME

43-48, 53-60, 62, 65-67
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOJRS T. S. T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.16	≥ 0.1	≥ 0
NO CEILING	24.0	49.3	54.2	56.3	58.1	58.8	60.0	60.1	60.2	60.2	60.4	60.4	60.5	60.5	60.8	61.2
≥ 20000	25.9	52.1	57.0	59.3	61.2	61.9	63.3	63.7	63.7	63.8	64.0	64.0	64.1	64.1	64.4	64.8
IV 18000	25.9	52.1	57.0	59.3	61.2	61.9	63.3	63.7	63.7	63.8	64.0	64.0	64.1	64.1	64.4	64.8
IV 16000	25.9	52.2	57.1	59.3	61.3	62.0	63.5	63.8	63.8	64.0	64.2	64.2	64.2	64.2	64.5	65.0
IV 14000	25.7	52.4	57.6	60.0	61.8	62.5	64.0	64.3	64.3	64.5	64.7	64.7	64.7	64.7	65.0	65.5
IV 12000	25.2	54.2	59.5	61.8	63.6	64.3	65.8	66.2	66.2	66.3	66.5	66.5	66.5	66.5	66.9	67.5
IV 10000	27.9	57.6	62.9	65.3	67.2	67.9	69.4	69.7	69.7	69.9	70.1	70.1	70.2	70.2	70.5	70.9
IV 9000	28.3	58.0	63.8	66.2	68.1	68.9	70.3	70.7	70.7	70.9	71.1	71.1	71.1	71.1	71.4	71.9
IV 8000	29.0	59.6	65.9	68.5	70.6	71.3	72.7	73.1	73.1	73.2	73.5	73.5	73.6	73.6	73.9	74.3
IV 7000	29.3	61.0	67.2	70.1	72.2	73.0	74.4	74.8	74.8	75.0	75.2	75.2	75.3	75.3	75.6	76.0
IV 6000	29.3	61.3	67.7	70.6	72.7	73.4	74.9	75.3	75.3	75.4	75.5	75.6	75.7	75.7	76.0	76.4
IV 5900	29.3	62.7	69.7	72.6	74.7	75.5	77.1	77.5	77.5	77.7	77.9	77.9	77.9	77.9	78.3	78.7
IV 4500	30.6	64.3	71.3	74.4	76.6	77.4	79.1	79.5	79.5	79.7	79.9	79.9	79.9	79.9	80.3	80.7
IV 4000	31.2	65.7	72.7	75.6	77.9	78.8	80.7	81.1	81.1	81.3	81.6	81.6	81.6	81.6	82.0	82.4
IV 3500	31.4	66.4	73.7	76.6	79.1	79.9	82.1	82.5	82.5	82.6	83.0	83.0	83.0	83.0	83.4	83.8
IV 3000	31.7	67.7	75.4	78.4	80.9	81.7	83.8	84.2	84.2	84.3	84.8	84.8	84.8	84.8	85.2	85.6
IV 2500	32.3	69.5	77.7	80.8	83.3	84.3	86.5	86.8	86.8	87.2	87.5	87.5	87.5	87.5	87.8	88.3
IV 2000	32.7	70.6	79.1	82.3	84.8	85.8	88.2	88.6	88.6	88.9	89.2	89.2	89.2	89.2	89.6	90.0
IV 1800	33.0	70.9	79.4	82.6	85.1	86.1	88.5	88.9	88.9	89.2	89.5	89.5	89.5	89.5	89.9	90.4
IV 1500	33.0	71.1	79.6	82.9	85.4	86.4	88.8	89.2	89.2	89.5	89.8	89.8	89.8	89.8	90.2	90.7
IV 1200	33.0	71.7	80.8	84.1	86.6	87.6	90.0	90.4	90.4	90.7	91.0	91.0	91.0	91.0	91.4	91.9
IV 1000	33.0	72.2	81.3	84.5	87.0	88.0	90.4	90.8	90.8	91.1	91.4	91.4	91.4	91.4	91.8	92.3
IV 900	33.1	72.7	81.8	85.0	87.5	88.5	90.9	91.3	91.3	91.6	91.9	91.9	91.9	91.9	92.3	92.8
IV 800	33.1	72.9	82.0	85.3	87.8	88.8	91.2	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.6	93.1
IV 700	33.2	73.1	82.2	85.5	88.0	89.0	91.4	91.8	91.8	92.1	92.4	92.4	92.4	92.4	92.8	93.3
IV 600	33.2	73.2	82.3	85.6	88.1	89.1	91.5	91.9	91.9	92.2	92.5	92.5	92.5	92.5	92.9	93.4
IV 500	33.2	73.2	82.3	85.6	88.1	89.1	91.5	91.9	91.9	92.2	92.5	92.5	92.5	92.5	92.9	93.4
IV 400	33.2	73.2	82.3	85.6	88.1	89.1	91.5	91.9	91.9	92.2	92.5	92.5	92.5	92.5	92.9	93.4
IV 300	33.2	73.2	82.3	85.6	88.1	89.1	91.5	91.9	91.9	92.2	92.5	92.5	92.5	92.5	92.9	93.4
IV 200	33.2	73.2	82.3	85.6	88.1	89.1	91.5	91.9	91.9	92.2	92.5	92.5	92.5	92.5	92.9	93.4
IV 100	33.2	73.2	82.3	85.6	88.1	89.1	91.5	91.9	91.9	92.2	92.5	92.5	92.5	92.5	92.9	93.4
IV 0	33.2	73.2	82.3	85.6	88.1	89.1	91.5	91.9	91.9	92.2	92.5	92.5	92.5	92.5	92.9	93.4

TOTAL NUMBER OF OBSERVATIONS 1595

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13861 WILMINGTON OHIO/CLINTON CO AFB

43M48,53,60,62-68

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS R S T

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.3	55.7	39.9	42.9	46.2	46.9	49.1	50.1	50.2	51.3	51.3	51.3	51.8	51.8	52.0	52.5
IV 20000	19.3	38.7	43.7	49.4	53.1	53.8	55.0	57.1	57.3	58.1	58.2	58.2	58.8	58.8	59.2	60.0
IV 18000	19.3	38.7	43.8	49.3	53.2	53.9	55.1	57.2	57.4	58.2	58.4	58.4	58.9	58.9	59.3	60.1
IV 16000	19.3	38.7	43.8	49.3	53.2	53.9	55.1	57.2	57.4	58.2	58.4	58.4	58.9	58.9	59.3	60.1
IV 14000	19.3	38.7	43.8	49.3	53.2	53.9	55.1	57.2	57.4	58.2	58.4	58.4	58.9	58.9	59.3	60.1
IV 12000	20.0	46.4	47.8	51.7	53.5	54.2	56.4	57.6	57.8	58.6	58.6	58.6	59.3	59.3	59.7	60.5
IV 10000	21.4	42.8	51.0	53.9	58.9	59.6	61.9	63.1	63.3	64.1	64.1	64.1	64.4	64.4	65.9	66.2
IV 9000	21.0	42.8	51.0	53.9	58.9	59.6	61.9	63.1	63.3	64.1	64.1	64.1	64.4	64.4	65.9	66.2
IV 8000	22.4	48.1	52.9	57.1	61.0	61.9	64.4	65.6	65.8	66.6	66.6	66.6	67.4	67.4	68.7	68.7
IV 7000	22.8	46.2	53.2	58.6	62.9	63.9	66.3	67.7	67.9	68.7	68.7	68.7	69.0	69.0	69.9	70.7
IV 6000	23.3	47.4	55.4	59.9	64.4	65.3	68.1	69.3	69.5	70.3	70.3	70.3	70.8	70.8	71.8	72.6
IV 5000	23.8	49.3	57.8	62.9	67.2	68.3	71.0	72.3	72.7	73.6	73.6	73.6	74.4	74.4	74.8	75.6
IV 4500	24.3	50.7	59.1	64.0	68.8	69.9	72.7	74.1	74.3	75.1	75.1	75.1	76.2	76.2	76.6	77.4
IV 4000	24.8	52.0	60.9	65.4	70.8	72.0	74.9	76.6	76.9	77.8	77.8	77.8	78.0	78.0	79.0	79.8
IV 3500	24.9	52.1	61.8	67.0	72.0	73.2	76.1	77.9	78.1	79.0	79.0	79.0	79.3	79.3	80.3	81.1
IV 3000	25.3	54.0	62.8	68.4	73.5	74.7	77.8	79.6	79.9	80.8	80.8	80.8	81.2	81.2	81.9	81.1
IV 2500	25.7	55.7	64.0	70.3	75.3	76.9	80.0	81.8	82.1	83.1	83.1	83.1	83.4	83.4	84.1	84.4
IV 2000	25.7	57.1	66.0	71.3	77.3	78.7	81.9	83.8	84.1	85.1	85.1	85.1	85.6	85.6	86.3	87.6
IV 1800	26.7	57.1	66.0	71.3	77.3	78.7	81.9	83.8	84.1	85.1	85.1	85.1	85.6	85.6	86.3	87.6
IV 1550	26.7	57.1	66.0	71.3	77.3	78.7	81.9	83.8	84.1	85.1	85.1	85.1	85.6	85.6	86.3	87.6
IV 1200	26.8	58.1	67.4	74.1	80.0	81.6	84.9	86.8	87.2	88.4	88.4	88.4	88.9	88.9	89.7	91.0
IV 1000	26.8	58.4	68.3	74.8	81.0	82.5	86.0	87.7	88.3	89.6	89.6	89.6	90.2	90.2	91.1	92.4
IV 900	27.0	58.9	68.8	75.2	81.4	82.9	86.4	88.1	88.5	89.9	89.9	89.9	90.6	90.6	91.6	92.9
IV 800	27.1	59.0	69.1	75.6	81.8	83.3	86.8	88.5	88.9	90.3	90.3	90.3	91.3	91.3	92.3	93.6
IV 700	27.1	59.3	69.4	75.7	82.2	83.7	87.0	88.7	89.0	90.4	90.4	90.4	91.6	91.6	92.7	94.0
IV 600	27.1	59.3	69.6	76.1	82.9	84.4	87.6	89.3	89.6	91.0	91.0	91.0	92.4	92.4	93.5	94.8
IV 500	27.1	59.3	69.7	76.4	83.3	84.8	87.9	89.6	89.9	91.3	91.3	91.3	92.8	92.8	94.0	95.3
IV 400	27.1	59.3	69.7	76.4	83.3	84.8	87.9	89.6	89.9	91.3	91.3	91.3	92.8	92.8	94.0	95.3
IV 300	27.1	59.3	69.7	76.4	83.3	84.8	87.9	89.6	89.9	91.3	91.3	91.3	92.8	92.8	94.0	95.3
IV 200	27.1	59.3	69.7	76.4	83.3	84.8	87.9	89.6	89.9	91.3	91.3	91.3	92.8	92.8	94.0	95.3
IV 100	27.1	59.3	69.7	76.4	83.3	84.8	87.9	89.6	89.9	91.3	91.3	91.3	92.8	92.8	94.0	95.3
IV 0	27.1	59.3	69.7	76.4	83.3	84.8	87.9	89.6	89.9	91.3	91.3	91.3	92.8	92.8	94.0	95.3

TOTAL NUMBER OF OBSERVATIONS 1717

DATA PROCESSING DIVISION
 ETAC, USAF
 ASREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 WILMINGTON UNICLINTON CO AFB

43M48, 53-68

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
 HOURS (LST)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .25	≥ 0
NO CEILING	23.7	40.9	48.3	47.3	48.8	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	32.5	50.8	55.9	58.7	60.3	60.7	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	32.5	50.9	56.0	58.8	60.5	60.8	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	32.6	51.0	56.1	58.9	60.6	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	32.9	51.4	56.5	59.3	61.0	61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	33.9	53.1	58.4	61.2	62.9	63.2	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	35.0	55.1	60.7	64.1	66.0	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	35.2	55.5	61.1	64.3	66.3	66.6	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000	35.5	57.1	62.9	66.3	68.4	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	35.9	57.6	63.6	67.1	69.2	69.7	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	36.6	58.4	64.4	67.9	70.0	70.5	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 5000	36.8	59.4	65.4	69.3	71.8	72.3	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500	37.3	60.1	66.3	70.1	72.7	73.3	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	37.9	61.1	67.6	71.2	74.0	74.7	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	38.0	62.0	68.6	72.4	75.2	75.9	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3000	38.7	62.6	70.4	74.2	77.2	77.9	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	39.6	63.3	72.3	76.0	79.8	80.6	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	40.5	64.3	73.0	76.9	82.6	83.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800	40.9	64.7	73.4	77.3	83.0	83.9	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500	41.0	65.8	76.9	81.4	85.9	86.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	41.3	70.2	78.3	83.1	88.0	88.7	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	41.7	71.0	79.4	84.1	88.9	89.6	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	41.7	71.2	79.8	85.0	89.2	90.3	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 800	41.7	71.4	80.1	85.3	89.3	91.3	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	41.7	71.5	80.4	85.6	89.4	91.4	92.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	41.7	71.6	80.6	85.8	89.5	91.4	92.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	41.7	71.8	80.8	86.0	89.5	91.3	92.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	41.7	71.9	80.8	86.0	89.5	91.3	92.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	41.7	71.9	80.8	86.0	89.5	91.3	92.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	41.7	71.9	80.8	86.0	89.5	91.3	92.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	41.7	71.9	80.8	86.0	89.5	91.3	92.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0	41.7	71.9	80.8	86.0	89.5	91.3	92.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS 1910

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-48, 53-68
YEARS

QCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.0	45.2	40.4	40.7	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	42.0	56.3	58.0	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 18000	42.1	56.4	58.2	58.8	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 16000	42.2	56.5	58.3	58.9	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 14000	42.3	56.6	58.4	59.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 12000	42.4	56.7	58.5	59.1	60.0	60.0	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 10000	44.1	60.0	62.0	63.5	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 9000	44.3	61.0	63.1	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 8000	45.0	62.4	64.5	65.4	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 7000	45.3	63.1	65.2	66.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 6000	45.0	63.7	66.0	66.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 5000	46.4	65.1	67.7	68.6	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 4500	46.8	66.0	68.8	69.7	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 4000	48.3	68.7	71.7	72.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 3500	49.0	70.4	73.5	74.7	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 3000	51.6	73.7	77.1	78.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 2500	53.1	77.1	80.9	82.3	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 2000	54.0	79.5	84.1	85.7	87.5	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1800	54.0	79.8	84.1	85.7	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1500	54.0	80.9	86.2	88.1	90.1	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1200	55.2	82.0	87.6	89.8	92.2	92.4	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
IV 1000	55.5	82.0	88.6	91.2	94.0	94.3	95.1	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
IV 900	55.5	82.8	89.8	92.1	94.4	94.8	95.5	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	55.5	82.8	89.8	92.2	95.2	95.5	96.3	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
IV 700	55.5	82.9	89.9	92.8	96.3	96.7	97.6	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	55.5	82.9	89.9	92.8	96.6	97.1	98.0	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	55.5	82.9	89.9	93.3	96.9	97.3	98.4	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1
IV 400	55.5	82.9	89.9	93.3	96.9	97.6	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	55.5	82.9	89.9	93.3	96.9	97.6	98.5	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	55.5	82.9	89.9	93.3	96.9	97.6	98.5	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	55.5	82.9	89.9	93.3	96.9	97.6	98.5	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	55.5	82.9	89.9	93.3	96.9	97.6	98.5	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 1926

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-48,52-68
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8		≥ 5/16	≥ ¼	≥ 0
NO CEILING	36,8	47,1	48,5	49,2	49,4	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5
≥ 20000	45,0	56,0	59,9	60,8	61,0	61,1	61,1	61,1	61,1	61,1	61,1	61,1	61,1	61,1	61,1	61,1
≥ 18000	45,1	56,2	60,1	61,0	61,1	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2
≥ 16000	45,4	56,5	60,4	61,2	61,4	61,5	61,5	61,5	61,5	61,5	61,5	61,5	61,5	61,5	61,5	61,5
IV 14000	45,8	59,2	61,1	62,1	62,3	62,3	62,3	62,4	62,4	62,4	62,4	62,4	62,4	62,4	62,4	62,4
IV 12000	47,2	61,0	63,1	64,1	64,3	64,3	64,3	64,4	64,4	64,4	64,4	64,4	64,4	64,4	64,4	64,4
IV 10000	48,5	63,2	65,6	66,7	66,8	66,9	66,9	66,9	66,9	66,9	66,9	66,9	66,9	66,9	66,9	66,9
IV 9000	48,6	63,8	66,4	67,4	67,6	67,7	67,7	67,7	67,7	67,7	67,7	67,7	67,7	67,7	67,7	67,7
IV 8000	49,0	65,5	68,0	69,2	69,4	69,5	69,5	69,5	69,5	69,5	69,5	69,5	69,5	69,5	69,5	69,5
IV 7000	50,1	67,1	69,8	71,0	71,3	71,3	71,3	71,4	71,4	71,4	71,4	71,4	71,4	71,4	71,4	71,4
IV 6000	50,5	68,0	70,8	71,9	72,2	72,2	72,2	72,3	72,3	72,3	72,3	72,3	72,3	72,3	72,3	72,3
IV 5000	51,5	69,8	72,8	74,0	74,3	74,4	74,4	74,5	74,5	74,5	74,5	74,5	74,5	74,5	74,5	74,5
IV 4500	52,4	71,8	74,4	75,6	75,9	76,0	76,1	76,1	76,1	76,1	76,1	76,1	76,1	76,1	76,1	76,1
IV 4000	54,7	74,6	77,9	79,1	79,4	79,5	79,6	79,7	79,7	79,7	79,7	79,7	79,7	79,7	79,7	79,7
IV 3500	55,3	76,9	80,2	81,3	81,9	82,1	82,3	82,3	82,3	82,3	82,3	82,3	82,3	82,3	82,3	82,3
IV 3000	57,2	79,1	83,0	84,4	84,9	85,0	85,2	85,3	85,3	85,3	85,3	85,3	85,3	85,3	85,3	85,3
IV 2500	59,1	82,1	86,7	88,3	88,9	89,2	89,5	89,5	89,5	89,5	89,5	89,5	89,5	89,5	89,5	89,5
IV 2000	59,3	82,9	87,9	89,6	90,4	90,9	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1
IV 1800	59,4	83,2	88,2	90,0	90,8	91,3	91,5	91,5	91,5	91,5	91,5	91,5	91,5	91,5	91,5	91,5
IV 1500	59,6	83,9	89,1	91,1	92,1	92,7	93,3	93,4	93,4	93,4	93,4	93,4	93,4	93,4	93,4	93,4
IV 1200	59,7	84,5	89,9	92,1	93,1	93,7	94,3	94,4	94,4	94,4	94,4	94,4	94,4	94,4	94,4	94,4
IV 1000	59,7	84,7	90,3	92,7	93,9	94,6	95,4	95,6	95,6	95,6	95,6	95,6	95,6	95,6	95,6	95,6
IV 900	59,7	84,8	90,6	93,0	94,4	95,3	96,2	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4
IV 800	59,7	84,9	90,7	93,1	94,7	95,8	96,5	97,0	97,1	97,1	97,1	97,1	97,1	97,1	97,1	97,1
IV 700	59,7	85,0	90,8	93,3	95,1	96,0	97,0	97,3	97,6	97,7	97,7	97,7	97,7	97,7	97,7	97,7
IV 600	59,8	85,0	90,8	93,4	95,3	96,4	97,4	98,0	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1
IV 500	59,8	85,1	91,1	93,6	95,6	96,8	97,8	98,3	98,6	98,7	98,7	98,7	98,7	98,7	98,7	98,7
IV 400	59,8	85,1	91,1	93,6	95,7	96,9	97,9	98,4	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7
IV 300	59,8	85,1	91,1	93,6	95,7	97,0	98,1	98,5	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8
IV 200	59,8	85,1	91,1	93,6	95,7	97,0	98,1	98,5	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8
IV 100	59,8	85,1	91,1	93,6	95,7	97,0	98,1	98,5	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8
IV 0	59,8	85,1	91,1	93,6	95,7	97,0	98,1	98,5	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8

TOTAL NUMBER OF OBSERVATIONS 2018

DATA PROCESSING DIVISION
 ETAC, USAF
 ASREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

42-48,53-68
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37,1	51,0	54,6	55,8	56,2	56,2	56,4	56,5	56,5	56,5	56,5	56,5	56,5	56,5	56,5	56,5
IVV 18000 15000	43,2	50,0	64,1	65,3	65,8	65,8	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,1
IVV 14000 12000	43,5	60,4	64,6	65,8	66,4	66,4	66,6	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,8
IVV 10000 9000	47,1	65,5	70,0	71,3	71,9	71,9	72,1	72,2	72,2	72,2	72,2	72,2	72,2	72,2	72,2	72,4
IVV 8000 7000	47,9	66,1	72,9	74,2	75,0	75,0	75,2	75,3	75,3	75,3	75,3	75,3	75,3	75,3	75,3	75,4
IVV 6000 5000	48,6	69,9	75,0	76,4	77,3	77,3	77,5	77,6	77,6	77,6	77,6	77,6	77,6	77,6	77,6	77,7
IVV 4500 4000	50,9	73,1	76,6	80,2	81,3	81,3	81,5	81,6	81,6	81,6	81,6	81,6	81,6	81,6	81,6	81,6
IVV 3500 3000	51,9	76,8	82,8	84,7	86,0	86,1	86,3	86,4	86,4	86,4	86,4	86,4	86,4	86,4	86,4	86,4
IVV 2500 2000	52,9	79,9	86,4	88,6	90,1	90,4	90,7	90,8	90,8	90,8	90,8	90,8	90,8	90,8	90,8	91,0
IVV 1800 1500	53,0	80,7	87,6	91,0	91,7	92,1	92,6	92,8	92,8	92,8	92,8	92,8	92,8	92,8	92,8	93,0
IVV 1200 1000	53,2	81,1	88,7	91,7	92,8	93,3	93,8	94,2	94,2	94,2	94,2	94,2	94,2	94,2	94,2	94,4
IVV 900 800	53,2	81,1	89,9	92,2	94,7	95,4	95,8	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,6
IVV 700 600	53,2	81,1	89,9	92,2	94,7	95,4	95,8	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,6
IVV 500 400	53,2	81,1	89,9	92,2	94,7	95,4	95,8	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,6
IVV 300 200	53,2	81,1	89,9	92,2	94,7	95,4	95,8	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,6
IVV 100 0	53,2	81,1	89,9	92,2	94,7	95,4	95,8	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,6

TOTAL NUMBER OF OBSERVATIONS 2019

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-48, 53-68
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U. S. T.

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.9	34.9	38.7	39.9	40.8	40.9	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.7
≥ 20000	40.0	60.4	64.7	65.9	66.9	67.0	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.9
IV 18000	40.0	60.3	64.8	66.0	67.0	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	68.0
IV 16000	40.0	60.3	64.8	66.0	67.0	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	68.0
IV 14000	40.0	60.7	65.1	66.4	67.4	67.6	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.5
IV 12000	41.0	62.3	66.7	68.0	69.0	69.2	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	70.1
IV 10000	42.9	65.3	70.1	71.6	72.6	72.8	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.7
IV 9000	42.8	66.4	71.1	72.5	73.6	73.7	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.6
IV 8000	43.3	68.1	72.8	74.5	75.5	75.7	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.6
IV 7000	43.7	69.2	74.0	75.8	76.9	77.1	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	78.0
IV 6000	44.9	70.7	75.7	77.5	78.6	78.8	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.7
IV 5000	45.7	73.0	78.4	80.3	81.7	81.9	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.7	82.9
IV 4500	45.9	74.2	79.8	81.9	83.4	83.5	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.6
IV 4000	47.1	76.0	81.8	84.0	85.5	85.6	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.5	86.7
IV 3500	47.3	77.0	83.2	85.3	87.4	87.6	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.6	88.8
IV 3000	47.9	78.0	84.4	87.2	88.8	89.0	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	90.0	90.2
IV 2500	48.0	78.9	85.5	88.4	90.1	90.3	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.6
IV 2000	48.3	79.9	86.7	89.9	91.7	91.9	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.3
IV 1800	48.3	80.2	86.9	90.2	92.0	92.3	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.7
IV 1500	48.3	81.1	87.9	91.2	93.2	93.5	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.7	94.9
IV 1200	48.3	81.4	88.3	91.5	93.5	93.8	94.6	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.1	95.3
IV 1000	48.3	81.8	88.7	91.9	94.0	94.3	95.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.6	95.8
IV 900	48.3	82.1	89.1	92.3	94.4	94.7	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9	96.0	96.2
IV 800	48.3	82.4	89.5	92.7	94.8	95.1	95.9	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.4	96.6
IV 700	48.3	82.7	89.9	93.1	95.2	95.5	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	97.0
IV 600	48.3	82.7	90.0	93.1	95.2	95.5	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	97.0
IV 500	48.3	82.7	90.0	93.1	95.2	95.5	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	97.0
IV 400	48.3	82.7	90.1	93.1	95.2	95.5	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	97.0
IV 300	48.3	82.7	90.2	93.1	95.2	95.5	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	97.0
IV 200	48.3	82.7	90.2	93.1	95.2	95.5	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	97.0
IV 100	48.3	82.7	90.2	93.1	95.2	95.5	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	97.0
IV 0	48.3	82.7	90.2	93.1	95.2	95.5	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	97.0

TOTAL NUMBER OF OBSERVATIONS 2003

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-48, 53-60
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS U. S. T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.0	47.0	50.6	52.1	53.2	53.5	54.2	54.4	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.9
≥ 20000	35.8	39.3	58.6	60.4	61.7	62.0	62.7	62.9	62.9	63.1	63.1	63.2	63.3	63.3	63.3	63.5
IV 18000	35.8	39.3	58.6	60.4	61.7	62.0	62.7	62.9	62.9	63.1	63.1	63.2	63.3	63.3	63.3	63.5
IV 16000	35.8	39.3	58.6	60.4	61.7	62.0	62.7	62.9	62.9	63.1	63.1	63.2	63.3	63.3	63.3	63.5
IV 14000	36.1	39.0	59.2	61.1	62.4	62.7	63.4	63.6	63.6	63.8	63.8	63.8	63.9	63.9	64.0	64.2
IV 12000	37.0	36.6	61.0	62.9	64.3	64.3	65.2	65.5	65.5	65.6	65.7	65.7	65.8	65.8	65.9	66.1
IV 10000	38.3	39.4	64.0	66.0	67.5	67.7	68.4	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.1	69.4
IV 9000	38.6	40.0	64.7	66.6	68.2	68.3	69.2	69.4	69.4	69.6	69.6	69.7	69.7	69.8	69.9	70.1
IV 8000	39.3	41.6	66.3	68.6	70.1	70.4	71.2	71.4	71.4	71.9	71.9	71.9	71.9	71.8	71.8	72.1
IV 7000	39.7	42.7	67.7	69.9	71.9	71.8	72.6	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.3	73.5
IV 6000	40.2	43.6	68.7	70.9	72.9	72.9	73.7	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.4	74.6
IV 5000	40.9	45.3	70.7	73.0	74.8	74.8	75.7	76.2	76.3	76.5	76.5	76.5	76.5	76.6	76.7	77.0
IV 4500	41.3	46.3	72.0	74.4	76.2	76.6	77.5	77.8	77.8	78.0	78.1	78.1	78.2	78.2	78.3	78.5
IV 4000	42.5	46.3	74.1	76.7	78.5	79.0	79.9	80.2	80.2	80.4	80.4	80.4	80.5	80.6	80.7	80.9
IV 3500	43.0	49.0	75.3	78.2	80.2	80.6	81.6	81.9	81.9	82.1	82.1	82.2	82.2	82.3	82.4	82.6
IV 3000	43.6	49.1	77.3	80.1	82.2	82.6	83.6	83.9	84.0	84.2	84.2	84.3	84.4	84.4	84.5	84.7
IV 2500	44.1	51.2	79.4	82.3	84.4	84.8	85.8	86.1	86.1	86.3	86.3	86.4	86.4	86.5	86.6	86.8
IV 2000	45.1	51.5	81.5	84.6	86.7	87.0	88.0	88.1	88.2	88.4	88.4	88.5	88.5	88.6	88.7	89.0
IV 1800	45.3	51.8	81.7	84.9	87.4	87.9	89.1	89.5	89.5	89.8	89.8	89.9	89.9	90.0	90.1	90.4
IV 1500	45.3	52.4	82.7	86.0	88.6	89.2	90.5	90.9	90.9	91.2	91.2	91.4	91.4	91.5	91.6	91.8
IV 1200	45.7	53.1	83.7	87.2	90.0	90.0	92.4	92.4	92.5	92.7	92.7	92.9	92.9	93.1	93.2	93.4
IV 1000	45.7	53.9	84.3	88.1	91.2	91.2	93.3	93.3	93.4	93.5	93.5	93.6	93.6	93.7	93.7	93.9
IV 900	45.8	54.6	84.6	88.3	91.7	91.7	94.3	94.3	94.3	94.5	94.5	94.8	94.8	95.0	95.2	95.6
IV 800	45.8	54.9	84.9	88.6	92.1	92.1	94.4	94.4	94.4	94.6	94.6	94.9	94.9	95.1	95.3	95.6
IV 700	45.8	55.1	85.1	89.2	92.8	92.8	94.7	94.7	94.7	94.9	94.9	95.2	95.2	95.4	95.6	95.9
IV 600	45.8	55.3	85.3	89.3	93.3	93.3	95.2	95.2	95.2	95.4	95.4	95.7	95.7	95.9	96.0	96.2
IV 500	45.8	55.4	85.4	89.7	93.6	93.6	94.6	94.6	94.6	94.8	94.8	95.1	95.1	95.3	95.5	95.8
IV 400	45.8	55.4	85.4	89.7	93.7	93.7	94.6	94.6	94.6	94.8	94.8	95.1	95.1	95.3	95.5	95.8
IV 300	45.8	55.5	85.5	89.7	93.7	93.7	94.6	94.6	94.6	94.8	94.8	95.1	95.1	95.3	95.5	95.8
IV 200	45.8	55.5	85.5	89.7	93.8	93.8	94.6	94.6	94.6	94.8	94.8	95.1	95.1	95.3	95.5	95.8
IV 100	45.8	55.5	85.5	89.8	93.8	93.8	94.6	94.6	94.6	94.8	94.8	95.1	95.1	95.3	95.5	95.8
0	45.8	55.5	85.5	89.8	93.8	93.8	94.6	94.6	94.6	94.8	94.8	95.1	95.1	95.3	95.5	95.8

TOTAL NUMBER OF OBSERVATIONS 14847

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-48, 53-60, 62-67
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 1/5	≥ 0
NO CEILING	21,0	39,3	42,8	43,6	44,0	44,1	44,4	44,7	44,7	44,8	44,8	44,8	44,9	44,9	44,9
≥ 20000	22,2	42,8	47,7	48,6	49,0	49,0	49,4	49,7	49,7	50,0	50,0	50,0	50,2	50,2	50,2
IV 18000	23,2	43,9	47,9	48,7	49,2	49,2	49,6	49,9	49,9	50,2	50,2	50,2	50,4	50,4	50,4
IV 16000	23,2	44,0	48,0	48,9	49,3	49,3	49,7	50,0	50,0	50,2	50,2	50,3	50,5	50,5	50,5
IV 14000	23,4	44,8	48,7	49,0	50,1	50,1	50,5	50,8	50,8	51,1	51,1	51,1	51,3	51,3	51,3
IV 12000	23,3	45,4	49,4	50,6	50,9	51,0	51,3	51,6	51,6	51,9	51,9	51,9	52,1	52,1	52,1
IV 10000	24,4	47,3	51,8	52,8	53,3	53,4	53,8	54,1	54,1	54,4	54,4	54,4	54,5	54,5	54,6
IV 9000	25,2	47,9	52,6	53,6	54,2	54,2	54,6	54,9	54,9	55,2	55,2	55,2	55,4	55,4	55,4
IV 8000	27,0	49,9	54,8	55,8	56,6	56,6	57,0	57,3	57,3	57,6	57,6	57,6	57,8	57,8	57,9
IV 7000	27,9	51,9	57,0	58,0	58,8	58,8	59,3	59,6	59,6	59,9	59,9	59,9	60,1	60,1	60,1
IV 6000	28,3	53,0	58,2	59,2	60,3	60,4	60,8	61,1	61,1	61,4	61,4	61,4	61,6	61,6	61,7
IV 5000	29,6	56,4	61,9	63,3	64,4	64,4	64,9	65,2	65,2	65,5	65,5	65,5	65,7	65,7	65,7
IV 4500	30,2	57,7	63,3	64,9	66,0	66,0	66,6	66,9	66,9	67,2	67,2	67,2	67,4	67,4	67,5
IV 4000	30,8	59,0	65,1	67,0	68,1	68,2	68,8	69,1	69,1	69,4	69,4	69,4	69,6	69,6	69,7
IV 3500	31,8	60,7	67,0	69,1	70,3	70,4	71,0	71,3	71,3	71,6	71,6	71,6	71,8	71,8	71,9
IV 3000	31,9	62,7	69,4	71,8	73,1	73,2	73,8	74,1	74,1	74,6	74,6	74,6	74,7	74,7	74,8
IV 2500	32,7	65,8	73,1	75,7	77,2	77,2	77,8	78,1	78,1	78,6	78,6	78,6	78,9	78,9	79,0
IV 2000	33,1	67,6	75,7	78,8	80,6	80,6	81,2	81,6	81,6	82,1	82,1	82,1	82,4	82,4	82,4
IV 1800	33,1	68,1	76,2	79,3	81,0	81,1	81,7	82,1	82,1	82,5	82,5	82,5	82,8	82,8	82,9
IV 1500	33,2	69,6	78,2	81,8	83,8	83,9	84,7	85,1	85,1	85,6	85,6	85,6	85,9	85,9	86,0
IV 1200	33,6	70,9	79,9	83,7	85,8	86,0	87,0	87,9	87,9	88,0	88,1	88,1	88,3	88,3	88,4
IV 1000	33,7	71,9	80,9	85,0	87,1	87,7	88,9	89,4	89,4	89,9	89,9	89,9	90,0	90,0	90,3
IV 900	33,7	72,2	81,3	85,4	88,1	88,9	89,9	90,4	90,4	91,0	91,0	91,0	91,2	91,2	91,5
IV 800	33,7	72,6	81,6	85,8	88,8	89,9	90,8	91,3	91,3	91,4	91,4	91,4	92,0	92,0	92,3
IV 700	33,7	72,6	82,7	85,9	89,0	89,9	91,0	91,5	91,5	91,7	91,7	91,7	92,6	92,6	92,9
IV 600	33,7	73,0	82,4	87,0	90,6	91,2	92,7	93,2	93,2	93,3	93,3	93,3	94,3	94,3	94,6
IV 500	33,7	73,1	82,4	87,2	91,1	91,7	93,4	94,0	94,0	94,2	94,2	94,2	95,1	95,1	95,5
IV 400	33,7	73,2	82,5	87,7	91,8	92,4	94,5	95,2	95,2	95,4	95,4	95,4	96,3	96,3	96,9
IV 300	33,7	73,2	82,5	87,7	91,8	92,4	95,0	95,8	95,8	96,4	96,4	96,4	97,1	97,1	97,6
IV 200	33,7	73,2	82,5	87,7	91,8	92,6	95,1	96,0	96,0	96,1	96,1	96,1	97,7	97,7	98,6
IV 100	33,7	73,2	82,5	87,7	92,0	92,6	95,2	96,1	96,1	96,2	96,2	96,2	97,8	97,8	99,0
IV 0	33,7	73,2	82,5	87,7	92,0	92,6	95,2	96,1	96,2	97,5	97,5	97,5	98,0	98,0	100,0

TOTAL NUMBER OF OBSERVATIONS 1679

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

CEILING VERSUS VISIBILITY

13841 WILMINGTON OHIO/CLINTON CU AFB

43-48, 53-60, 62-63, 65-67

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0520
HOURS U. S. T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17,3	35,3	39,1	61,5	42,5	42,5	43,1	43,5	43,5	43,5	43,6	43,6	43,7	43,7	43,7	43,7
IV 20000	19,0	39,3	43,4	48,3	46,9	46,9	47,7	48,1	48,1	48,1	48,2	48,2	48,2	48,2	48,3	48,4
IV 18000	19,2	39,6	43,6	46,1	47,2	47,2	48,0	48,4	48,4	48,4	48,5	48,5	48,5	48,5	48,6	48,7
IV 16000	19,2	39,6	43,7	46,2	47,2	47,2	48,1	48,3	48,3	48,3	48,5	48,5	48,6	48,6	48,7	48,7
IV 14000	19,4	40,5	44,6	47,1	48,2	48,2	49,0	49,4	49,4	49,4	49,5	49,5	49,5	49,5	49,6	49,7
IV 12000	19,9	41,6	45,6	48,1	49,2	49,2	50,0	50,5	50,5	50,5	50,5	50,5	50,6	50,6	50,6	50,7
IV 10000	20,8	43,5	48,1	50,6	51,8	51,8	52,6	53,0	53,0	53,0	53,1	53,1	53,1	53,1	53,2	53,2
IV 9000	21,1	44,0	48,7	51,2	52,3	52,4	53,1	53,6	53,6	53,6	53,6	53,6	53,7	53,7	53,8	53,8
IV 8000	22,1	46,0	50,0	53,5	54,7	54,8	55,5	56,0	56,0	56,0	56,0	56,0	56,1	56,1	56,2	56,2
IV 7000	23,3	48,3	53,6	56,3	57,6	57,6	58,4	58,8	58,8	58,8	58,8	58,9	58,9	58,9	59,0	59,1
IV 6000	23,5	49,5	54,6	57,3	58,8	58,8	59,6	60,0	60,0	60,0	60,0	60,0	60,1	60,1	60,2	60,2
IV 5000	24,6	52,2	57,7	60,5	62,2	62,2	63,1	63,5	63,5	63,6	63,6	63,6	63,7	63,7	63,8	63,8
IV 4500	25,0	53,6	59,1	62,0	63,6	63,7	64,6	65,1	65,1	65,1	65,2	65,2	65,2	65,3	65,3	65,4
IV 4000	25,9	56,0	61,8	65,1	66,9	67,0	67,9	68,3	68,3	68,3	68,4	68,4	68,5	68,5	68,6	68,6
IV 3500	26,4	57,5	63,8	67,3	69,4	69,4	70,4	70,8	70,8	70,9	70,9	70,9	71,0	71,0	71,1	71,1
IV 3000	26,9	59,5	66,3	69,9	72,2	72,2	73,2	73,6	73,6	73,7	73,7	73,7	73,8	73,8	73,9	73,9
IV 2500	28,1	62,7	70,3	74,3	77,1	77,2	78,1	78,5	78,5	78,5	78,7	78,7	78,7	78,7	78,8	78,8
IV 2000	28,9	65,6	73,6	78,0	81,1	81,1	82,1	82,5	82,5	82,6	82,6	82,6	82,7	82,7	82,8	82,8
IV 1800	29,0	65,9	74,0	78,7	81,7	81,7	82,7	83,1	83,1	83,2	83,2	83,2	83,3	83,3	83,4	83,4
IV 1500	29,2	67,3	75,9	81,1	84,1	84,2	85,1	85,6	85,6	85,7	85,8	85,8	85,8	85,8	86,0	86,0
IV 1200	29,3	68,3	77,4	82,9	86,3	86,3	87,4	87,9	87,9	88,1	88,1	88,1	88,2	88,2	88,3	88,4
IV 1000	29,3	68,7	77,9	83,9	87,1	87,1	88,7	89,2	89,2	89,3	89,4	89,4	89,4	89,4	89,5	89,5
IV 900	29,3	69,1	78,4	84,1	87,8	87,8	89,6	90,1	90,1	90,3	90,3	90,3	90,7	90,7	90,8	90,9
IV 800	29,3	69,6	78,9	85,0	88,9	88,9	90,9	91,5	91,5	92,0	92,0	92,0	92,1	92,1	92,3	92,4
IV 700	29,3	69,9	79,2	85,3	89,3	89,3	90,1	91,8	92,3	92,3	92,8	92,9	92,9	93,1	93,2	93,3
IV 600	29,3	70,0	79,3	85,9	90,2	90,2	91,1	92,8	93,4	93,4	94,0	94,1	94,1	94,2	94,5	94,6
IV 500	29,3	70,0	79,3	86,2	90,8	91,7	93,9	94,6	94,6	95,2	95,2	95,2	95,5	95,5	95,7	95,9
IV 400	29,3	70,0	79,3	86,6	91,5	92,4	94,6	95,4	95,4	96,0	96,1	96,1	96,4	96,4	96,6	96,7
IV 300	29,3	70,0	79,3	86,7	91,7	92,6	93,5	95,9	95,9	96,6	96,7	96,7	96,9	96,9	97,2	97,3
IV 200	29,3	70,0	79,3	86,7	91,7	92,6	93,5	96,2	96,4	97,2	97,4	97,4	97,9	98,0	98,2	98,3
IV 100	29,3	70,0	79,3	86,7	91,7	92,6	93,5	96,2	96,4	97,2	97,4	97,4	97,9	98,0	98,4	98,7
IV 0	29,3	70,0	79,3	86,7	91,7	92,6	93,5	96,2	96,4	97,2	97,4	97,4	97,9	98,0	98,5	100,0

TOTAL NUMBER OF OBSERVATIONS 1617

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-48,53-60,62-66
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.0	24.5	28.3	30.9	32.9	33.3	34.2	35.0	35.3	35.9	36.1	36.1	36.4	36.4	36.5	36.7
IV 20000	13.7	29.0	33.6	36.7	39.3	39.8	41.0	42.1	42.4	43.2	43.4	43.4	43.7	43.7	44.0	44.3
IV 18000	13.7	29.0	33.6	36.8	39.3	39.8	41.1	42.2	42.6	43.4	43.6	43.6	43.9	43.9	44.2	44.5
IV 16000	13.7	29.1	33.7	36.8	39.4	39.9	41.2	42.3	42.6	43.4	43.7	43.7	44.0	44.0	44.3	44.6
IV 14000	13.9	29.6	34.3	37.4	40.0	40.5	41.8	42.9	43.3	44.1	44.4	44.4	44.7	44.7	45.0	45.3
IV 12000	14.6	31.0	35.9	39.1	41.9	42.3	43.7	44.8	45.2	46.1	46.3	46.3	46.6	46.6	46.9	47.2
IV 10000	15.4	32.8	37.8	41.2	44.0	44.5	45.8	47.0	47.4	48.3	48.5	48.5	48.8	48.8	49.1	49.4
IV 9000	15.4	33.3	38.7	42.2	45.0	45.5	46.9	48.2	48.6	49.5	49.7	49.7	50.0	50.0	50.3	50.6
IV 8000	16.4	35.1	40.7	44.3	47.5	48.0	49.4	50.8	51.2	52.0	52.3	52.3	52.6	52.6	52.9	53.2
IV 7000	16.5	37.1	43.1	46.7	50.2	50.7	52.2	53.6	54.0	54.9	55.1	55.1	55.4	55.4	55.8	56.1
IV 6000	17.3	38.0	44.3	48.1	51.7	52.2	53.7	55.0	55.4	56.3	56.6	56.6	56.9	56.9	57.3	57.6
IV 5000	18.0	40.1	46.6	50.3	54.1	54.6	56.2	57.6	58.0	58.8	59.1	59.1	59.4	59.4	59.8	60.1
IV 4500	18.4	41.4	47.9	51.6	55.4	56.0	57.6	59.0	59.4	60.2	60.5	60.5	60.9	60.9	61.2	61.5
IV 4000	19.3	43.8	50.8	55.2	59.1	59.7	61.3	62.9	63.3	64.2	64.5	64.5	64.9	64.9	65.2	65.5
IV 3500	20.1	45.4	52.8	57.4	61.4	61.9	63.9	65.4	65.8	66.7	67.0	67.0	67.3	67.3	67.7	68.0
IV 3000	20.3	47.3	55.4	60.3	64.6	65.2	67.4	69.0	69.4	70.3	70.6	70.6	70.9	70.9	71.3	71.5
IV 2500	21.3	50.8	59.3	64.7	69.1	69.7	72.0	73.7	74.1	75.0	75.3	75.3	75.6	75.6	76.0	76.3
IV 2000	22.0	53.2	62.1	67.6	72.2	72.9	75.5	77.3	77.8	78.7	79.0	79.0	79.4	79.4	79.7	80.0
IV 1800	22.0	54.7	62.7	68.4	73.0	73.6	76.2	78.0	78.5	79.4	79.7	79.7	80.1	80.1	80.4	80.7
IV 1500	22.2	55.4	64.9	71.0	75.6	76.2	79.1	80.9	81.4	82.6	82.9	82.9	83.3	83.3	83.7	84.0
IV 1200	22.4	56.3	66.2	72.3	77.3	78.2	81.1	83.2	83.7	84.9	85.2	85.2	85.7	85.7	86.0	86.3
IV 1000	22.5	56.9	66.9	73.3	78.8	79.7	82.0	84.0	84.5	85.7	86.1	86.1	86.6	86.6	87.0	87.3
IV 900	22.5	57.4	67.3	74.3	79.7	80.7	83.0	85.0	85.5	86.7	87.1	87.1	87.6	87.6	88.0	88.3
IV 800	22.5	57.6	67.7	74.9	80.7	81.9	84.4	86.4	86.9	88.1	88.5	88.5	89.0	89.0	89.4	89.7
IV 700	22.5	58.0	68.1	75.3	81.4	82.6	84.8	86.8	87.3	88.5	88.9	88.9	89.4	89.4	89.8	90.1
IV 600	22.5	58.2	68.4	76.1	82.1	83.3	85.4	87.4	87.9	89.1	89.5	89.5	90.0	90.0	90.4	90.7
IV 500	22.5	58.3	68.5	76.2	82.6	84.0	86.0	88.0	88.5	89.7	90.1	90.1	90.6	90.6	91.0	91.3
IV 400	22.5	58.3	68.5	76.2	82.7	84.1	86.1	88.1	88.6	89.8	90.2	90.2	90.7	90.7	91.1	91.4
IV 300	22.5	58.3	68.5	76.3	83.0	84.4	86.4	88.4	88.9	90.1	90.5	90.5	91.0	91.0	91.4	91.7
IV 200	22.5	58.3	68.5	76.3	83.0	84.4	86.4	88.4	88.9	90.1	90.5	90.5	91.0	91.0	91.4	91.7
IV 100	22.5	58.3	68.5	76.3	83.0	84.4	86.4	88.4	88.9	90.1	90.5	90.5	91.0	91.0	91.4	91.7
0	22.5	58.3	68.5	76.3	83.0	84.4	86.4	88.4	88.9	90.1	90.5	90.5	91.0	91.0	91.4	91.7

TOTAL NUMBER OF OBSERVATIONS 1708

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHBVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-48.53-68
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.7	25.3	28.7	30.5	32.4	32.7	33.1	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 20000	19.2	32.8	37.2	39.8	42.1	42.5	43.1	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.9
IV 18000	19.2	32.8	37.2	39.8	42.1	42.5	43.1	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.9
IV 16000	19.2	32.8	37.2	39.8	42.1	42.5	43.1	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.9
IV 14000	19.7	33.3	37.7	40.4	42.9	43.1	43.8	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.4	44.5
IV 12000	20.4	35.0	39.5	42.1	44.6	45.1	45.8	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.4	46.5
IV 10000	21.3	37.1	42.0	45.0	47.6	48.1	48.8	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.5	49.6
IV 9000	21.6	37.8	42.8	45.9	48.6	49.2	49.9	50.1	50.2	50.2	50.4	50.4	50.4	50.4	50.6	50.7
IV 8000	22.2	39.2	44.8	48.0	50.9	51.6	52.4	52.6	52.7	52.8	52.9	52.9	52.9	52.9	53.1	53.2
IV 7000	22.8	41.1	46.9	50.1	53.2	53.9	54.9	55.1	55.2	55.3	55.4	55.4	55.4	55.4	55.6	55.7
IV 6000	23.0	41.6	47.4	50.7	53.8	54.7	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.2	56.3	56.4
IV 5000	23.3	42.6	48.6	51.9	55.1	56.0	57.0	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.8	57.9
IV 4500	23.8	43.8	49.9	53.4	56.8	57.7	58.6	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.7	59.8
IV 4000	24.3	45.4	51.9	55.4	58.9	59.9	61.2	61.6	61.7	61.9	62.1	62.1	62.1	62.1	62.3	62.4
IV 3500	24.8	46.0	53.3	57.2	60.7	61.7	63.1	63.5	63.6	63.8	63.9	63.9	63.9	64.0	64.2	64.3
IV 3000	25.6	47.1	56.2	60.1	63.9	63.0	66.5	66.9	67.0	67.2	67.4	67.4	67.4	67.4	67.8	67.9
IV 2500	27.2	53.0	61.0	65.3	69.5	70.7	72.4	72.9	73.1	73.3	73.5	73.5	73.5	73.5	73.7	73.8
IV 2000	28.1	55.3	64.1	68.8	73.3	74.7	76.6	77.3	77.5	77.7	78.0	78.0	78.0	78.0	78.2	78.4
IV 1800	28.1	56.1	64.8	69.6	74.2	75.7	77.5	78.2	78.5	78.7	78.9	78.9	78.9	78.9	79.2	79.3
IV 1500	28.9	58.3	67.7	72.0	77.8	79.4	81.3	82.1	82.4	82.7	82.9	82.9	82.9	82.9	83.2	83.3
IV 1200	28.7	59.4	69.3	73.2	80.1	81.9	84.0	85.0	85.3	85.5	85.8	85.8	85.8	85.8	86.1	86.2
IV 1000	28.9	60.1	70.6	76.2	81.4	83.3	85.5	86.5	86.8	87.1	87.5	87.5	87.5	87.5	87.7	87.8
IV 900	29.0	60.3	71.2	76.9	82.4	84.3	86.6	87.7	88.1	88.3	88.6	88.6	88.6	88.6	88.9	89.0
IV 800	29.1	60.5	71.8	77.7	83.6	85.6	88.2	89.3	89.8	90.0	90.3	90.3	90.3	90.3	90.6	90.7
IV 700	29.1	61.1	72.2	78.1	84.4	86.7	89.2	90.6	90.9	91.4	91.8	91.8	91.8	91.8	92.1	92.2
IV 600	29.1	61.1	72.4	78.3	85.4	87.7	90.3	91.9	92.2	92.8	93.3	93.3	93.3	93.3	93.7	93.8
IV 500	29.1	61.3	72.6	78.9	85.8	88.3	91.2	92.9	93.3	94.2	94.8	94.8	94.8	94.8	95.3	95.4
IV 400	29.1	61.3	72.6	79.0	86.0	88.6	91.6	93.6	94.0	95.1	96.0	96.2	96.2	96.2	96.9	97.0
IV 300	29.1	61.3	72.6	79.1	86.1	88.8	91.9	94.0	94.4	95.8	97.0	97.1	97.1	97.1	98.1	98.2
IV 200	29.1	61.3	72.6	79.2	86.2	89.0	92.1	94.3	94.8	96.3	97.6	97.7	97.7	97.7	98.8	98.9
IV 100	29.1	61.4	72.8	79.2	86.2	89.1	92.1	94.3	94.8	96.3	97.6	97.7	97.7	97.7	98.9	99.0
IV 0	29.1	61.4	72.8	79.2	86.2	89.1	92.1	94.3	94.8	96.3	97.6	97.7	97.7	97.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1908

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

19841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-48, 53-68
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19,9	27,1	30,9	31,5	31,8	31,8	31,9	31,9	31,9	31,9	31,9	31,9	31,9	31,9	31,9	31,9
IV 20000	27,4	40,4	42,9	42,8	44,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2
IV 18000	27,5	40,5	43,0	43,9	44,3	44,3	44,3	44,3	44,3	44,3	44,3	44,3	44,3	44,3	44,3	44,3
IV 16000	27,5	40,6	43,1	44,0	44,3	44,3	44,4	44,4	44,4	44,4	44,4	44,4	44,4	44,4	44,4	44,4
IV 14000	27,9	41,2	43,7	44,6	45,0	45,0	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1
IV 12000	29,1	42,3	45,1	47,1	47,5	47,6	47,8	47,8	47,9	47,9	47,9	47,9	47,9	47,9	47,9	47,9
IV 10000	30,5	46,4	49,6	50,8	51,3	51,4	51,6	51,6	51,7	51,7	51,7	51,7	51,7	51,7	51,7	51,7
IV 9000	30,7	47,0	50,3	51,4	52,0	52,3	52,3	52,4	52,4	52,4	52,4	52,4	52,4	52,4	52,4	52,4
IV 8000	31,7	48,8	52,4	53,7	54,4	54,5	54,7	54,7	54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8
IV 7000	32,2	50,2	53,9	55,3	56,0	56,1	56,3	56,4	56,4	56,4	56,4	56,4	56,4	56,4	56,4	56,4
IV 6000	32,9	51,0	54,7	56,1	57,0	57,2	57,4	57,5	57,5	57,5	57,5	57,5	57,5	57,5	57,5	57,5
IV 5000	33,1	52,0	55,9	57,3	58,2	58,5	58,7	58,7	58,8	58,8	58,8	58,8	58,8	58,8	58,8	58,8
IV 4500	33,4	52,8	56,7	58,1	59,1	59,4	59,6	59,6	59,6	59,6	59,6	59,6	59,6	59,6	59,6	59,6
IV 4000	33,9	54,6	58,6	60,0	61,1	61,4	61,7	62,0	62,0	62,0	62,0	62,0	62,0	62,0	62,0	62,0
IV 3500	33,2	53,7	59,7	61,2	62,4	62,7	63,0	63,2	63,3	63,4	63,4	63,4	63,4	63,4	63,4	63,4
IV 3000	36,7	59,1	63,8	63,4	66,7	67,0	67,3	67,6	67,6	67,7	67,7	67,7	67,7	67,7	67,7	67,7
IV 2500	37,9	62,8	68,1	69,9	71,3	71,6	72,1	72,4	72,5	72,6	72,6	72,6	72,6	72,6	72,6	72,6
IV 2000	39,9	67,6	73,9	76,2	78,1	78,6	79,2	79,6	79,6	79,9	79,9	79,9	79,9	79,9	79,9	79,9
IV 1800	40,0	68,3	74,9	77,4	79,4	79,9	80,3	80,9	80,9	81,2	81,2	81,2	81,2	81,2	81,2	81,2
IV 1500	40,3	70,2	77,2	80,0	82,3	82,1	84,0	84,4	84,5	84,8	84,8	84,8	84,8	84,8	84,8	84,8
IV 1200	40,5	72,2	79,7	82,6	85,7	86,4	87,4	87,8	87,9	88,4	88,4	88,5	88,5	88,5	88,5	88,5
IV 1000	40,7	72,9	80,6	84,1	87,3	87,1	89,2	89,8	89,9	90,3	90,4	90,4	90,4	90,4	90,4	90,4
IV 900	40,7	73,3	81,1	84,8	88,1	88,1	90,2	90,8	91,0	91,4	91,5	91,5	91,5	91,5	91,5	91,5
IV 800	40,6	73,8	81,7	85,6	89,4	89,4	90,2	91,7	92,3	92,8	92,8	92,8	92,8	92,8	92,8	92,8
IV 700	40,7	74,0	81,7	85,9	90,0	90,0	91,1	92,8	93,7	94,0	94,1	94,1	94,1	94,1	94,1	94,1
IV 600	40,7	74,0	82,1	86,8	91,3	91,3	92,5	94,3	95,3	95,8	95,8	95,8	95,8	95,8	95,8	95,8
IV 500	40,7	74,0	82,3	87,0	91,7	91,7	93,2	96,2	96,6	97,4	97,4	97,4	97,4	97,4	97,4	97,4
IV 400	40,7	74,1	82,4	87,2	92,0	92,0	93,3	95,8	96,9	97,4	97,4	97,4	97,4	97,4	97,4	97,4
IV 300	40,7	74,1	82,4	87,2	92,0	92,0	93,4	95,4	96,9	97,0	97,0	97,0	97,0	97,0	97,0	97,0
IV 200	40,7	74,1	82,4	87,3	92,2	92,2	93,6	96,1	97,2	97,7	97,7	97,7	97,7	97,7	97,7	97,7
IV 100	40,7	74,1	82,4	87,3	92,2	92,2	93,6	96,1	97,2	97,7	97,7	97,7	97,7	97,7	97,7	97,7
IV 0	40,7	74,1	82,4	87,3	92,2	92,2	93,6	96,1	97,2	97,7	97,7	97,7	97,7	97,7	97,7	97,7

TOTAL NUMBER OF OBSERVATIONS 1917

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-48,53-68
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21,1	29,7	31,7	32,0	32,2	32,2	32,2	32,2	32,2	32,2	32,2	32,2	32,2	32,2	32,2	32,2
≥ 20000	30,3	43,0	43,9	46,2	46,4	46,4	46,4	46,4	46,4	46,4	46,4	46,4	46,4	46,4	46,4	46,4
IVN 18000	30,4	43,1	46,0	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5
IVN 16000	30,5	43,1	46,0	46,5	46,5	46,5	46,6	46,6	46,6	46,6	46,6	46,6	46,6	46,6	46,6	46,6
IVN 14000	30,8	44,2	47,1	47,5	47,7	47,7	47,7	47,7	47,7	47,7	47,7	47,7	47,7	47,7	47,7	47,7
IVN 12000	32,3	46,3	49,3	49,7	50,1	50,1	50,2	50,2	50,2	50,2	50,2	50,2	50,2	50,2	50,2	50,2
IVN 10000	34,2	49,9	52,9	53,4	53,6	53,8	53,9	53,9	53,9	53,9	53,9	53,9	53,9	53,9	53,9	53,9
IVN 9000	34,2	50,1	53,3	53,9	54,4	54,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5
IVN 8000	35,0	51,6	53,3	56,6	56,2	56,8	56,9	56,9	56,9	56,9	56,9	56,9	56,9	56,9	56,9	56,9
IVN 7000	35,0	52,6	56,6	57,6	58,2	58,2	58,3	58,3	58,3	58,3	58,3	58,3	58,3	58,3	58,3	58,3
IVN 6000	35,4	53,4	57,6	58,6	59,3	59,3	59,4	59,4	59,4	59,4	59,4	59,4	59,4	59,4	59,4	59,4
IVN 5000	36,1	54,7	59,1	60,2	61,0	61,0	61,1	61,1	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2
IVN 4500	36,7	55,6	60,1	61,2	62,2	62,3	62,4	62,4	62,5	62,5	62,5	62,5	62,5	62,5	62,5	62,5
IVN 4000	37,7	57,6	62,2	63,4	64,4	64,4	64,9	64,9	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0
IVN 3500	38,7	59,6	64,4	65,5	66,7	66,9	67,1	67,1	67,2	67,2	67,2	67,2	67,2	67,2	67,2	67,2
IVN 3000	40,3	63,0	68,0	69,4	70,6	70,9	71,2	71,2	71,3	71,3	71,3	71,3	71,3	71,3	71,3	71,3
IVN 2500	41,3	66,4	72,6	74,1	75,6	76,0	76,4	76,4	76,5	76,5	76,5	76,5	76,5	76,5	76,5	76,5
IVN 2000	41,9	70,3	76,3	78,3	80,1	80,7	81,3	81,3	81,6	81,6	81,7	81,8	81,8	81,8	81,8	81,8
IVN 1800	42,0	71,1	77,3	79,3	81,2	81,8	82,6	82,6	82,7	82,7	82,8	82,9	82,9	82,9	82,9	82,9
IVN 1500	42,1	72,9	79,3	81,3	83,2	83,8	84,3	84,3	84,7	84,7	84,8	84,9	84,9	84,9	84,9	84,9
IVN 1200	42,2	74,3	81,2	83,1	85,1	85,7	86,2	86,2	86,5	86,5	86,6	86,6	86,6	86,6	86,6	86,6
IVN 1000	42,2	74,8	81,9	83,9	85,9	86,4	86,9	86,9	87,2	87,2	87,3	87,3	87,3	87,3	87,3	87,3
IVN 900	42,3	75,3	82,1	84,1	86,1	86,6	87,1	87,1	87,4	87,4	87,5	87,5	87,5	87,5	87,5	87,5
IVN 800	42,3	75,3	82,1	84,1	86,1	86,6	87,1	87,1	87,4	87,4	87,5	87,5	87,5	87,5	87,5	87,5
IVN 700	42,3	75,4	82,8	84,8	86,8	87,3	87,8	87,8	88,1	88,1	88,2	88,2	88,2	88,2	88,2	88,2
IVN 600	42,3	75,4	83,0	85,0	87,0	87,5	88,0	88,0	88,3	88,3	88,4	88,4	88,4	88,4	88,4	88,4
IVN 500	42,3	75,5	83,1	85,1	87,1	87,6	88,1	88,1	88,4	88,4	88,5	88,5	88,5	88,5	88,5	88,5
IVN 400	42,3	75,5	83,1	85,1	87,1	87,6	88,1	88,1	88,4	88,4	88,5	88,5	88,5	88,5	88,5	88,5
IVN 300	42,3	75,6	83,2	85,2	87,2	87,7	88,2	88,2	88,5	88,5	88,6	88,6	88,6	88,6	88,6	88,6
IVN 200	42,3	75,6	83,2	85,2	87,2	87,7	88,2	88,2	88,5	88,5	88,6	88,6	88,6	88,6	88,6	88,6
IVN 100	42,3	75,6	83,2	85,2	87,2	87,7	88,2	88,2	88,5	88,5	88,6	88,6	88,6	88,6	88,6	88,6
IVN 0	42,3	75,6	83,2	85,2	87,2	87,7	88,2	88,2	88,5	88,5	88,6	88,6	88,6	88,6	88,6	88,6

TOTAL NUMBER OF OBSERVATIONS 1902

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 WILMINGTON OHIO/CLINTON CO AFB 43-48,53-68 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS TL 5 T

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.7	35.7	38.0	39.1	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 20000	26.6	44.5	47.4	48.5	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IVM 18000	26.7	44.6	47.5	48.6	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IVM 16000	26.7	44.7	47.6	48.7	49.0	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IVM 14000	27.1	45.1	48.1	49.3	49.6	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IVM 12000	28.2	47.0	50.0	51.2	51.7	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IVM 10000	29.5	49.2	52.0	54.0	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IVM 9000	29.5	49.4	52.0	54.4	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IVM 8000	30.7	51.6	55.5	57.1	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IVM 7000	31.4	53.2	57.2	58.8	59.5	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IVM 6000	31.9	54.1	58.3	60.1	60.7	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IVM 5000	32.8	55.9	60.4	62.4	63.1	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IVM 4500	33.5	57.3	62.2	64.5	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IVM 4000	34.6	60.0	65.2	67.5	68.5	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IVM 3500	35.7	62.7	67.9	70.4	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IVM 3000	36.7	64.6	70.1	72.9	73.9	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IVM 2500	37.3	67.7	73.6	77.2	78.4	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IVM 2000	37.7	70.6	77.0	80.8	82.4	82.7	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6
IVM 1800	37.8	71.0	77.6	81.8	83.3	83.8	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8
IVM 1500	37.8	72.4	79.2	84.0	86.2	86.7	87.8	88.0	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2
IVM 1200	37.8	73.2	80.4	85.6	88.1	88.7	89.9	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4
IVM 1000	37.9	73.7	81.3	86.8	89.6	90.3	91.7	92.0	92.0	92.0	92.3	92.5	92.5	92.5	92.5	92.5
IVM 900	37.9	73.8	81.4	87.0	89.9	90.7	92.2	92.4	92.5	92.5	92.8	92.9	93.0	93.0	93.0	93.0
IVM 800	37.9	74.0	81.6	87.4	90.5	91.4	93.2	93.5	93.5	93.5	93.9	94.0	94.0	94.1	94.1	94.1
IVM 700	37.9	74.2	82.0	87.7	90.9	91.8	93.7	94.1	94.1	94.1	94.4	94.6	94.6	94.7	94.7	94.7
IVM 600	37.9	74.2	82.3	88.1	91.6	92.7	94.7	95.2	95.2	95.2	95.6	95.9	95.9	96.0	96.0	96.0
IVM 500	37.9	74.2	82.3	88.2	91.8	93.3	95.4	96.0	96.1	96.1	96.6	97.0	97.0	97.2	97.2	97.2
IVM 400	37.9	74.2	82.3	88.2	91.9	93.6	96.1	96.8	96.9	97.0	97.6	98.0	98.0	98.3	98.3	98.3
IVM 300	37.9	74.2	82.3	88.2	91.9	93.6	96.1	97.0	97.1	97.2	98.0	98.4	98.4	98.8	98.8	98.8
IVM 200	37.9	74.2	82.3	88.2	91.9	93.6	96.2	97.1	97.2	97.2	98.2	98.8	99.0	99.0	99.0	99.0
IVM 100	37.9	74.2	82.3	88.2	91.9	93.6	96.2	97.1	97.3	97.3	98.3	99.0	99.1	99.7	99.7	99.7
IVM 0	37.9	74.2	82.3	88.2	91.9	93.6	96.2	97.1	97.3	97.3	98.3	99.0	99.1	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1968

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 STATION WILMINGTON OHIO/CLINTON CO AFB AIRCRAFT NAME 43-48,53-68 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 4	≥ 3
NO CEILING	21.4	39.7	42.0	42.6	42.8	42.9	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.4	43.4	43.4
IV 20000	23.0	46.8	49.7	50.5	50.7	50.7	50.9	51.2	51.2	51.3	51.3	51.3	51.5	51.5	51.5	51.5
IV 18000	25.0	46.8	49.7	50.5	50.7	50.8	51.0	51.2	51.2	51.3	51.3	51.3	51.5	51.5	51.5	51.5
IV 16000	25.7	47.1	50.1	50.8	51.0	51.1	51.3	51.5	51.5	51.5	51.6	51.6	51.6	51.9	51.9	51.9
IV 14000	25.9	47.4	50.5	51.2	51.3	51.3	51.7	52.0	52.0	52.1	52.1	52.1	52.2	52.3	52.3	52.3
IV 12000	26.3	46.5	51.6	52.3	52.9	52.9	53.1	53.4	53.4	53.5	53.5	53.5	53.6	53.7	53.7	53.7
IV 10000	27.3	50.3	53.7	54.6	55.1	55.1	55.3	55.6	55.6	55.7	55.7	55.7	55.8	55.9	55.9	55.9
IV 9000	27.6	50.8	54.3	55.3	55.8	55.9	56.1	56.3	56.3	56.4	56.4	56.4	56.4	56.7	56.7	56.7
IV 8000	29.9	53.0	57.2	58.3	58.9	58.9	59.1	59.4	59.4	59.5	59.5	59.5	59.6	59.7	59.7	59.7
IV 7000	29.9	53.2	59.1	60.2	60.8	60.8	61.0	61.3	61.3	61.4	61.4	61.4	61.5	61.6	61.6	61.6
IV 6000	30.4	56.5	60.6	61.6	62.4	62.5	62.7	63.0	63.0	63.1	63.1	63.1	63.2	63.3	63.3	63.3
IV 5000	31.4	58.8	63.3	64.3	65.3	65.5	65.8	66.0	66.0	66.1	66.1	66.1	66.3	66.4	66.4	66.4
IV 4500	32.0	60.4	65.4	66.4	67.6	67.6	67.9	68.2	68.2	68.3	68.3	68.3	68.4	68.5	68.5	68.5
IV 4000	32.2	62.3	68.0	69.0	70.3	70.3	70.6	70.9	70.9	71.0	71.0	71.0	71.1	71.2	71.2	71.2
IV 3500	33.8	64.9	70.7	72.3	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.9	74.1	74.1	74.1
IV 3000	34.1	66.1	72.0	73.9	74.7	74.8	75.1	75.4	75.4	75.5	75.5	75.5	75.7	75.8	75.8	75.8
IV 2500	34.9	69.8	76.2	78.3	79.3	79.4	79.7	80.0	80.0	80.1	80.1	80.1	80.4	80.4	80.4	80.4
IV 2000	35.3	72.1	79.1	81.3	82.1	82.3	82.8	84.1	84.1	84.2	84.2	84.2	84.4	84.5	84.5	84.5
IV 1800	35.4	72.6	79.8	82.7	84.0	84.2	84.8	85.2	85.2	85.3	85.3	85.3	85.4	85.5	85.5	85.5
IV 1500	35.5	74.0	81.4	84.6	86.3	86.5	87.4	87.9	87.9	88.0	88.0	88.0	88.1	88.2	88.2	88.2
IV 1200	35.6	74.7	82.4	85.9	88.0	88.3	89.3	89.7	89.7	89.7	89.7	89.7	89.9	90.1	90.2	90.2
IV 1000	35.6	75.6	83.4	87.0	89.5	89.9	91.2	91.7	91.7	91.7	91.8	91.8	92.0	92.1	92.1	92.1
IV 900	35.6	75.9	83.7	87.4	90.3	90.8	92.1	92.6	92.6	92.6	92.8	92.8	92.9	93.0	93.0	93.1
IV 800	35.6	76.1	84.1	87.9	91.0	91.4	92.8	93.3	93.3	93.3	93.4	93.4	93.6	93.7	93.7	93.7
IV 700	35.6	76.3	84.3	88.2	91.6	91.9	93.3	94.0	94.0	94.1	94.1	94.1	94.3	94.4	94.4	94.4
IV 600	35.6	76.4	84.4	88.6	92.4	92.9	94.6	95.1	95.2	95.3	95.3	95.3	95.5	95.6	95.6	95.6
IV 500	35.6	76.4	84.4	88.6	92.4	92.9	94.6	95.1	95.2	95.3	95.3	95.3	95.5	95.6	95.6	95.6
IV 400	35.6	76.4	84.4	88.6	92.4	92.9	94.6	95.1	95.2	95.3	95.3	95.3	95.5	95.6	95.6	95.6
IV 300	35.6	76.5	84.4	88.8	92.4	92.9	94.6	95.1	95.2	95.3	95.3	95.3	95.5	95.6	95.6	95.6
IV 200	35.6	76.5	84.4	88.8	92.4	92.9	94.6	95.1	95.2	95.3	95.3	95.3	95.5	95.6	95.6	95.6
IV 100	35.6	76.5	84.4	88.8	92.4	92.9	94.6	95.1	95.2	95.3	95.3	95.3	95.5	95.6	95.6	95.6
IV 0	35.6	76.5	84.4	88.8	92.4	92.9	94.6	95.1	95.2	95.3	95.3	95.3	95.5	95.6	95.6	95.6

TOTAL NUMBER OF OBSERVATIONS 1960

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 WILMINGTON OHIO/CLINTON CU AFB 43-48,53-68

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
MOJES (L.S.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .58	≥ .4	≥ .516	≥ .4	≥ 0
NO CEILING ≥ 20000	1.0	32.3	35.1	30.3	27.1	37.2	37.5	37.7	37.8	37.9	37.9	37.9	38.0	38.0	38.0	38.0
IV 18000 IV 16000	23.5	40.2	43.7	43.2	46.1	46.2	46.6	46.9	46.9	47.1	47.1	47.1	47.2	47.2	47.3	47.4
IV 14000 IV 12000	23.5	40.9	44.4	46.0	46.9	47.0	47.5	47.7	47.8	48.0	48.0	48.0	48.1	48.1	48.2	48.2
IV 10000 IV 9000	25.8	44.7	48.7	50.4	51.5	51.7	52.2	52.4	52.5	52.7	52.7	52.7	52.8	52.8	52.9	52.9
IV 8000 IV 7500	27.1	47.2	51.6	53.5	54.8	55.0	55.5	55.8	55.8	56.0	56.1	56.1	56.1	56.2	56.2	56.3
IV 6000 IV 5000	28.2	49.8	54.0	56.6	58.1	58.3	58.8	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.6	59.7
IV 4500 IV 4000	29.4	52.9	58.2	60.4	62.0	62.3	62.9	63.3	63.3	63.5	63.6	63.6	63.7	63.7	63.8	63.8
IV 3500 IV 3000	31.1	56.8	62.6	65.1	66.9	67.2	68.0	68.4	68.4	68.6	68.7	68.7	68.8	68.8	68.9	69.0
IV 2500 IV 2000	32.9	62.6	69.4	72.8	74.7	75.1	76.0	76.4	76.5	76.7	76.8	76.8	76.9	76.9	77.0	77.1
IV 1800 IV 1500	33.7	66.1	73.6	77.2	79.8	80.3	81.4	81.9	82.0	82.3	82.4	82.4	82.5	82.5	82.6	82.6
IV 1200 IV 1000	34.1	69.9	77.2	81.0	84.8	85.3	86.9	87.5	87.6	88.0	88.2	88.2	88.3	88.3	88.4	88.4
IV 900 IV 800	34.3	69.8	78.5	83.2	86.9	87.8	89.3	90.2	90.2	90.8	91.0	91.0	91.2	91.2	91.3	91.3
IV 700 IV 600	34.2	70.4	79.2	84.2	88.4	89.5	91.3	92.4	92.6	93.1	93.4	93.4	93.6	93.6	93.8	93.8
IV 500 IV 400	34.2	70.5	79.5	85.0	89.8	91.0	93.3	94.6	94.8	95.6	95.9	95.9	96.0	96.3	96.3	96.3
IV 300 IV 200	34.2	70.6	79.6	85.2	90.2	91.3	94.4	95.6	95.9	96.1	97.0	97.3	97.6	98.0	98.3	98.4
IV 100 0	34.2	70.6	79.6	85.2	90.2	91.6	94.6	95.9	96.1	97.4	98.1	98.2	98.9	99.0	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 14724

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841 STATION WILMINGTON UNID/CLINTON CU AFB

43-48, 53-60, 62-67 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (E.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	10.4	32.1	36.1	38.0	39.1	39.2	39.5	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.9
IV 18000	19.1	36.9	41.3	44.1	44.8	44.9	45.2	45.3	45.3	45.4	45.4	45.5	45.5	45.5	45.5	45.8
IV 16000	19.1	36.9	41.3	44.1	44.8	44.9	45.2	45.3	45.3	45.4	45.4	45.5	45.5	45.5	45.5	45.8
IV 14000	19.2	37.2	41.7	44.3	45.1	45.2	45.5	45.6	45.6	45.7	45.7	45.8	45.8	45.8	45.8	46.1
IV 12000	20.3	40.1	44.6	47.7	48.6	48.6	49.0	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.5
IV 10000	21.3	42.5	47.3	50.2	51.1	51.1	51.5	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.8	52.0
IV 9000	21.7	42.6	47.0	51.0	52.1	52.2	52.5	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.8	53.0
IV 8000	21.9	44.0	49.3	52.8	53.9	54.0	54.4	54.5	54.5	54.6	54.6	54.7	54.7	54.7	54.7	55.0
IV 7000	21.9	44.9	50.2	53.3	54.7	54.8	55.2	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.7
IV 6000	21.9	45.7	51.2	54.5	55.9	55.9	56.3	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.9
IV 5000	22.0	47.7	53.8	57.4	59.4	59.4	59.9	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.5
IV 4500	22.4	48.9	55.2	59.1	61.0	61.1	61.5	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	62.1
IV 4000	23.2	49.5	55.9	60.0	61.9	62.0	62.3	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	63.1
IV 3500	23.7	50.9	57.3	61.7	63.7	63.7	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	65.0
IV 3000	24.1	52.8	59.7	64.2	66.2	66.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.7
IV 2500	24.7	53.0	62.4	67.3	69.7	70.0	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.7
IV 2000	25.1	57.9	66.1	71.3	74.2	74.4	75.7	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.3
IV 1800	25.4	58.9	67.3	72.8	75.6	75.9	77.1	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.8
IV 1500	25.4	60.4	69.4	75.6	78.7	79.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.9
IV 1200	25.0	61.9	71.8	78.8	82.5	82.9	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.9
IV 1000	25.0	62.3	72.4	80.1	83.9	84.3	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.6
IV 900	25.0	62.7	73.0	81.1	85.0	85.4	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.8
IV 800	25.0	63.0	73.5	81.8	85.7	86.1	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.2
IV 700	25.0	63.2	74.4	82.0	86.7	87.2	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.7
IV 600	25.0	63.3	74.7	82.4	87.3	87.8	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.7
IV 500	25.0	63.4	75.0	83.0	88.3	88.9	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.9
IV 400	25.0	63.5	75.3	83.3	88.9	89.5	91.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.9
IV 300	25.0	63.6	75.3	83.4	89.0	89.7	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.3
IV 200	25.0	63.6	75.3	83.4	89.1	89.8	91.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.5
IV 100	25.0	63.6	75.3	83.4	89.1	89.8	91.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.5
IV 0	25.0	63.6	75.3	83.4	89.1	89.8	91.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.5

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-48.53-60,63,65-67
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.0	29.5	32.8	35.4	36.5	36.5	36.7	36.9	36.9	37.1	37.3	37.3	37.6	37.6	37.6	37.8
≥ 2000	16.3	34.0	37.8	40.8	42.0	42.0	42.2	42.4	42.4	42.6	42.8	42.8	43.1	43.1	43.2	43.4
IV 1800	16.3	34.0	37.8	40.8	42.0	42.0	42.2	42.4	42.4	42.6	42.8	42.8	43.1	43.1	43.2	43.4
IV 1600	16.3	34.0	37.8	40.8	42.0	42.0	42.2	42.4	42.4	42.6	42.8	42.8	43.1	43.1	43.2	43.4
IV 1400	16.7	34.0	38.4	41.4	42.6	42.6	42.8	43.1	43.1	43.2	43.4	43.4	43.8	43.8	43.9	44.0
IV 1200	18.2	37.4	41.6	44.9	46.1	46.1	46.3	46.6	46.6	46.8	47.0	47.0	47.3	47.3	47.4	47.5
IV 1000	19.1	40.2	44.6	47.9	49.1	49.1	49.4	49.7	49.7	49.9	50.1	50.1	50.4	50.4	50.5	50.6
IV 900	19.3	40.7	45.1	48.3	49.7	49.7	50.0	50.3	50.3	50.4	50.6	50.6	50.9	50.9	51.1	51.2
IV 800	19.6	41.8	46.3	50.0	51.4	51.4	51.8	52.0	52.0	52.2	52.4	52.4	52.7	52.7	52.8	53.0
IV 700	19.6	42.6	47.4	50.9	52.4	52.4	52.8	53.0	53.0	53.2	53.4	53.4	53.7	53.7	53.9	54.0
IV 600	19.9	43.1	47.9	51.3	53.0	53.0	53.3	53.6	53.6	53.8	54.0	54.0	54.3	54.3	54.4	54.5
IV 500	20.9	44.1	50.3	53.3	56.1	56.1	56.7	56.9	56.9	57.1	57.3	57.3	57.6	57.6	57.8	57.9
IV 450	21.1	45.8	51.1	55.2	57.1	57.1	57.8	58.0	58.0	58.2	58.4	58.4	58.7	58.7	58.8	59.0
IV 400	21.3	47.8	53.3	57.6	59.7	59.7	60.4	60.6	60.6	60.9	61.0	61.0	61.4	61.4	61.5	61.6
IV 350	21.7	48.9	54.7	59.2	61.3	61.3	62.1	62.4	62.4	62.7	62.9	62.9	63.2	63.2	63.3	63.4
IV 300	22.2	50.6	56.0	61.3	63.0	63.0	64.2	64.8	64.8	65.0	65.3	65.3	65.6	65.6	65.9	66.0
IV 250	23.0	53.3	59.6	64.9	67.3	67.3	68.6	68.9	68.9	69.3	69.3	69.3	69.8	69.8	69.9	70.1
IV 200	23.3	56.9	63.6	69.3	72.4	72.4	73.8	74.3	74.3	74.7	74.9	74.9	75.2	75.2	75.3	75.4
IV 180	23.6	57.9	64.3	70.3	73.7	73.7	75.1	75.6	75.6	76.0	76.2	76.2	76.3	76.3	76.6	76.8
IV 150	23.9	60.1	67.7	73.9	77.7	77.7	79.3	79.9	79.9	80.4	80.6	80.6	80.9	80.9	81.1	81.3
IV 120	23.9	61.3	69.7	76.3	80.3	80.3	82.4	83.0	83.0	83.6	83.9	83.9	84.3	84.3	84.4	84.6
IV 100	23.9	61.1	70.6	77.8	82.2	82.2	84.2	84.9	84.9	85.3	85.0	85.0	85.6	85.6	85.7	86.0
IV 90	23.9	62.4	71.2	78.1	82.8	82.8	85.0	85.8	85.8	86.4	86.4	86.4	87.1	87.1	87.4	87.6
IV 80	23.9	62.8	71.8	78.1	84.4	84.4	86.7	87.6	87.6	88.4	88.1	88.1	88.9	88.9	89.1	89.0
IV 70	23.9	63.1	72.3	80.0	85.4	85.4	87.8	88.6	88.6	89.6	89.3	89.3	90.3	90.3	90.9	91.3
IV 60	23.9	63.9	72.3	80.4	85.9	85.9	88.6	89.5	89.5	90.8	90.8	91.7	91.7	92.4	92.9	92.8
IV 50	23.9	65.0	73.0	80.9	86.8	86.8	89.6	90.7	90.7	92.2	92.2	93.2	93.2	93.9	93.9	94.4
IV 40	23.9	65.0	73.0	81.2	87.2	87.2	90.1	91.4	91.4	93.2	93.2	94.2	94.2	95.3	95.3	96.0
IV 300	23.9	65.0	73.0	81.4	87.6	87.6	90.7	92.0	92.0	94.1	94.1	95.2	95.2	96.3	96.3	97.2
IV 200	23.9	65.0	73.0	81.4	87.6	87.6	90.7	92.0	92.0	94.1	94.1	95.2	95.2	96.3	96.3	97.2
IV 100	23.9	65.0	73.0	81.4	87.6	87.6	90.7	92.0	92.0	94.1	94.1	95.2	95.2	96.3	96.3	97.2
IV 0	23.9	65.0	73.0	81.4	87.6	87.6	90.7	92.0	92.0	94.1	94.1	95.2	95.2	96.3	96.3	97.2

TOTAL NUMBER OF OBSERVATIONS 1584

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBVILLE, IN, C, 46001

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

48-48, 53-60, 62-67
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	11,1	29,6	20,0	28,5	30,1	30,9	31,7	32,5	32,6	32,9	33,1	33,1	33,4	33,4	33,5	33,6
≥ 20000	12,9	28,5	32,2	34,4	36,6	37,0	38,3	39,1	39,2	39,6	39,8	39,8	40,2	40,2	40,3	40,5
IV 18000	12,9	28,5	32,2	34,4	36,6	37,1	38,4	39,1	39,3	39,6	39,9	39,9	40,2	40,3	40,4	40,6
IV 16000	12,9	28,5	32,2	34,4	36,6	37,1	38,4	39,1	39,3	39,6	39,9	39,9	40,2	40,3	40,4	40,6
IV 14000	13,0	28,9	32,5	35,0	37,1	37,5	38,8	39,6	39,7	40,1	40,3	40,3	40,7	40,8	40,9	41,1
IV 12000	13,0	28,9	32,5	35,0	37,1	37,5	38,8	39,6	39,7	40,1	40,3	40,3	40,7	40,8	40,9	41,1
IV 10000	13,2	33,5	38,1	40,9	43,4	43,9	45,4	46,2	46,4	46,8	47,0	47,0	47,4	47,4	47,6	47,8
IV 9000	13,0	34,5	39,2	42,0	44,6	45,0	46,5	47,4	47,5	47,9	48,2	48,2	48,5	48,6	48,7	48,9
IV 8000	16,2	32,0	40,8	43,7	46,5	47,0	48,5	49,3	49,5	49,9	50,2	50,3	50,3	50,6	50,7	51,0
IV 7000	16,4	36,6	41,8	44,6	47,7	48,0	49,5	50,3	50,9	51,3	51,6	51,6	51,9	52,0	52,1	52,3
IV 6000	16,7	37,1	42,2	45,3	48,3	48,9	50,5	51,3	51,6	52,0	52,2	52,2	52,6	52,6	52,7	53,0
IV 5000	18,0	38,9	44,3	47,6	51,0	51,6	53,3	54,2	54,5	54,9	55,1	55,1	55,5	55,5	55,7	56,0
IV 4500	18,0	39,3	44,7	48,1	51,5	52,1	53,9	54,8	55,1	55,5	55,6	55,8	56,1	56,2	56,4	56,6
IV 4000	18,2	40,5	46,5	49,9	53,6	54,2	56,0	57,0	57,3	57,8	58,0	58,0	58,4	58,4	58,6	58,8
IV 3500	18,4	41,9	48,2	52,0	55,7	56,3	58,2	59,2	59,5	60,0	60,2	60,2	60,6	60,6	60,8	61,0
IV 3000	19,0	43,4	50,0	54,1	58,1	58,7	60,6	61,7	62,0	62,5	62,7	62,7	63,2	63,2	63,4	63,7
IV 2500	19,8	45,9	53,3	58,3	62,2	62,9	64,9	66,1	66,3	66,9	67,1	67,1	67,6	67,6	67,8	68,1
IV 2000	20,3	48,4	56,3	61,3	65,6	66,3	68,4	69,8	70,1	70,8	71,1	71,1	71,5	71,5	71,8	72,1
IV 1800	20,8	48,9	56,9	61,9	66,2	67,0	69,1	70,3	70,8	71,7	71,9	71,9	72,4	72,4	72,6	72,9
IV 1500	20,9	51,9	60,6	65,9	70,6	71,4	73,6	75,4	75,7	76,6	77,0	77,0	77,5	77,5	77,7	78,0
IV 1200	21,1	53,6	63,1	68,8	74,0	74,9	77,2	79,1	79,5	80,6	80,8	80,8	81,4	81,4	81,6	81,9
IV 1000	21,2	54,8	64,4	70,2	76,1	77,1	79,5	82,2	82,6	83,7	84,5	84,5	85,2	85,3	85,5	85,9
IV 900	21,4	54,8	65,0	71,1	77,0	78,0	81,1	83,3	83,9	84,9	85,8	85,8	86,5	86,5	86,9	87,2
IV 800	21,4	55,2	65,6	72,2	78,7	79,7	82,9	85,3	85,6	86,9	87,9	87,9	88,7	88,7	89,1	89,4
IV 700	21,4	55,2	65,8	72,6	79,7	80,8	84,1	86,6	87,0	88,4	89,5	89,5	90,3	90,4	90,7	91,0
IV 600	21,4	55,3	66,3	73,1	80,4	81,7	85,0	87,5	88,0	89,4	90,7	90,7	91,6	91,7	92,1	92,4
IV 500	21,4	55,4	66,5	73,3	80,9	82,3	86,0	88,6	89,1	91,1	92,5	92,5	93,6	93,6	94,0	94,3
IV 400	21,4	55,5	66,6	73,5	81,1	82,6	86,4	89,9	89,9	92,2	93,8	93,8	95,2	95,3	95,8	96,1
IV 300	21,4	55,5	66,6	73,5	81,4	82,8	86,7	89,9	90,4	92,7	94,5	94,5	96,3	96,4	97,0	97,3
IV 200	21,4	55,5	66,6	73,5	81,4	82,8	86,8	89,9	90,4	92,9	94,9	94,9	96,8	96,8	97,5	97,9
IV 100	21,4	55,5	66,6	73,5	81,4	82,8	86,8	89,9	90,4	93,0	94,9	94,9	97,0	97,1	98,0	98,6
IV 0	21,4	55,5	66,6	73,5	81,4	82,8	86,8	89,9	90,4	93,0	94,9	94,9	97,0	97,1	98,2	100,0

TOTAL NUMBER OF OBSERVATIONS 1678

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-48, 53-67
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≤ 0	
NO CEILING ≥ 20000	10,8	20,4	22,7	24,9	26,8	27,5	28,2	28,6	28,6	28,6	28,6	28,6	28,7	28,7	28,8	28,8
IV 18000 16000	13,8	28,0	31,6	34,7	37,5	38,6	39,5	40,0	40,0	40,0	40,0	40,0	40,2	40,2	40,3	40,4
IV 17000 15000	14,9	29,1	32,6	35,8	38,7	39,8	40,7	41,2	41,2	41,2	41,2	41,2	41,4	41,4	41,5	41,6
IV 10000 9000	16,0	34,6	39,0	42,4	45,7	46,7	47,8	48,3	48,3	48,3	48,3	48,3	48,7	48,7	48,8	48,8
IV 8000 7000	17,0	35,3	39,7	43,1	46,4	47,4	48,5	49,1	49,1	49,1	49,1	49,1	49,5	49,5	49,6	49,6
IV 6000 5000	18,0	37,3	42,2	44,8	48,1	49,3	50,4	51,0	51,0	51,0	51,0	51,0	51,4	51,4	51,5	51,5
IV 4500 4000	18,9	38,2	42,9	46,9	50,9	52,2	53,3	53,9	54,0	54,0	54,0	54,0	54,4	54,4	54,6	54,6
IV 3500 3000	19,2	40,3	45,1	49,3	53,4	54,7	56,0	56,6	56,7	56,9	57,0	57,0	57,2	57,2	57,4	57,4
IV 2500 2000	20,0	42,3	47,3	51,0	56,1	57,6	58,8	59,5	59,6	59,9	59,9	59,9	60,1	60,1	60,2	60,3
IV 1800 1500	21,7	45,3	51,2	56,1	61,1	62,6	64,4	65,3	65,4	65,7	65,8	65,8	66,1	66,1	66,2	66,3
IV 1200 1000	22,4	47,1	53,3	58,3	64,2	65,8	67,9	69,1	69,3	69,5	69,5	69,5	70,2	70,2	70,3	70,4
IV 900 800	22,7	51,3	58,6	64,4	70,8	72,8	73,6	74,9	74,9	74,9	74,9	74,9	75,2	75,2	75,3	75,4
IV 700 600	23,0	53,3	60,0	67,0	74,1	76,1	78,1	80,2	80,2	80,2	80,2	80,2	80,4	80,4	80,5	80,5
IV 500 400	23,1	53,4	61,1	68,1	75,0	77,0	79,0	81,0	81,0	81,0	81,0	81,0	81,1	81,1	81,2	81,2
IV 300 200	23,1	53,5	61,1	68,1	75,0	77,0	79,0	81,0	81,0	81,0	81,0	81,0	81,1	81,1	81,2	81,2
IV 100 0	23,1	53,5	61,1	68,1	75,0	77,0	79,0	81,0	81,0	81,0	81,0	81,0	81,1	81,1	81,2	81,2

TOTAL NUMBER OF OBSERVATIONS 1876

DATA PROCESSING DIVISION
 ETAC, USAF
 ASREVILLE, N. C., 28801

CEILING VERSUS VISIBILITY

13841 STATION WILMINGTON OHIO/CLINTON CU AFB STATION NAME 43-48,53-67 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14,1	24,0	25,7	27,1	27,6	27,6	27,6	27,6	27,6	27,6	27,6	27,6	27,6	27,6	27,6	27,6
IV 20000	18,6	23,2	25,3	28,0	29,2	29,3	29,4	29,4	29,4	29,4	29,4	29,4	29,4	29,4	29,4	29,4
IV 18000	18,0	23,4	26,3	28,9	29,6	29,6	29,7	29,7	29,7	29,7	29,7	29,7	29,7	29,7	29,7	29,7
IV 16000	18,0	23,4	26,3	28,9	29,6	29,6	29,7	29,7	29,7	29,7	29,7	29,7	29,7	29,7	29,7	29,7
IV 14000	19,1	24,6	27,9	40,3	41,0	41,1	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3
IV 12000	19,9	26,3	29,8	42,4	43,2	43,3	43,4	43,4	43,4	43,4	43,4	43,4	43,4	43,4	43,4	43,4
IV 10000	21,9	29,2	42,9	45,3	46,4	46,7	46,9	46,9	46,9	46,9	46,9	46,9	46,9	46,9	46,9	46,9
IV 9000	21,8	29,2	44,1	46,7	47,7	47,9	48,1	48,1	48,1	48,1	48,1	48,1	48,1	48,1	48,1	48,1
IV 8000	22,2	41,7	43,9	48,2	49,2	49,5	49,7	49,8	49,8	49,8	49,8	49,8	49,8	49,8	49,8	49,8
IV 7000	22,6	42,7	46,7	49,6	50,9	51,2	51,5	51,6	51,6	51,6	51,6	51,6	51,6	51,6	51,6	51,6
IV 6000	22,8	43,3	47,3	50,4	51,7	52,1	52,3	52,4	52,4	52,4	52,4	52,4	52,4	52,4	52,4	52,4
IV 5000	23,1	43,8	48,1	51,2	52,7	53,1	53,4	53,6	53,6	53,6	53,6	53,6	53,6	53,6	53,6	53,6
IV 4500	23,5	44,7	49,2	52,3	53,8	54,3	54,6	54,7	54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8
IV 4000	24,0	45,3	50,3	53,4	55,1	55,6	56,0	56,2	56,3	56,3	56,3	56,3	56,3	56,3	56,3	56,3
IV 3500	24,5	46,4	51,3	54,6	56,3	57,1	57,5	57,7	57,8	57,9	57,9	57,9	57,9	57,9	57,9	57,9
IV 3000	25,2	47,8	53,0	56,7	58,8	59,6	60,0	60,2	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3
IV 2500	26,3	50,6	56,3	60,7	63,0	63,8	64,4	64,6	64,7	64,8	64,8	64,8	64,8	64,8	64,8	64,8
IV 2000	28,0	53,8	60,6	65,0	68,0	68,9	69,5	69,8	69,9	70,2	70,3	70,3	70,3	70,3	70,3	70,3
IV 1800	28,5	54,5	61,3	66,4	69,3	70,4	71,0	71,4	71,5	71,7	71,8	71,8	71,8	71,8	71,8	71,8
IV 1500	29,0	57,3	64,9	69,9	73,2	74,2	75,1	75,7	75,9	76,1	76,2	76,2	76,2	76,2	76,2	76,2
IV 1200	29,2	58,3	66,3	71,8	75,7	77,1	78,2	78,9	79,2	79,5	79,7	79,7	79,7	79,7	79,7	79,7
IV 1000	29,4	59,1	67,8	73,8	77,9	79,6	80,9	81,7	82,0	82,3	82,9	82,9	82,9	82,9	82,9	82,9
IV 900	29,9	59,4	68,8	74,7	79,0	80,8	82,4	83,2	83,6	84,2	84,6	84,6	84,6	84,6	84,6	84,6
IV 800	29,9	59,7	68,8	75,4	80,2	82,2	84,2	85,3	85,8	86,3	87,0	87,0	87,0	87,0	87,0	87,0
IV 700	29,9	59,9	69,0	75,8	80,9	82,9	85,2	86,6	87,0	87,8	88,3	88,3	88,3	88,3	88,3	88,3
IV 600	29,7	60,0	69,4	76,3	82,1	84,3	87,1	88,6	89,1	90,4	91,0	91,0	91,0	91,0	91,0	91,0
IV 500	29,7	60,0	69,5	76,8	82,6	85,1	88,2	89,9	90,3	92,0	93,1	93,1	93,1	93,1	93,1	93,1
IV 400	29,7	60,0	69,6	76,9	82,7	85,4	88,9	90,9	91,3	93,4	94,9	94,9	94,9	94,9	94,9	94,9
IV 300	29,7	60,1	69,7	77,0	83,0	85,7	89,6	92,0	92,6	94,5	96,3	96,3	96,3	96,3	96,3	96,3
IV 200	29,7	60,2	69,7	77,3	83,3	86,0	89,9	92,0	92,8	94,8	97,1	97,2	97,2	97,2	97,2	97,2
IV 100	29,7	60,2	69,7	77,4	83,3	86,2	89,8	92,3	92,8	94,8	97,6	97,7	97,7	97,7	97,7	97,7
IV 0	29,7	60,2	69,7	77,4	83,3	86,2	89,8	92,3	92,8	94,8	97,6	97,7	97,7	97,7	97,7	97,7

TOTAL NUMBER OF OBSERVATIONS 1886

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-49,53-67
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.2	24.6	26.6	27.3	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 20000	26.4	35.1	38.3	39.8	40.1	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
IV 18000	20.4	35.2	38.4	39.8	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
IV 16000	20.4	35.5	38.7	40.1	40.5	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
IV 14000	20.8	36.6	40.0	41.5	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
IV 12000	22.1	39.5	43.2	44.6	45.4	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 10000	23.9	42.5	46.4	48.3	49.4	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 9000	23.9	43.2	47.2	49.1	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 8000	24.9	44.9	48.9	50.9	52.2	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IV 7000	25.0	45.6	49.9	52.3	53.6	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 6000	25.0	46.1	50.4	53.0	54.5	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 5000	25.3	46.7	51.3	54.1	55.7	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 4500	25.4	47.4	52.2	54.9	56.6	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 4000	25.4	49.2	54.2	57.0	59.0	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 3500	25.4	50.2	55.4	58.6	60.5	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 3000	27.4	51.8	57.3	60.6	62.6	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 2500	27.4	53.5	61.4	64.9	67.2	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 2000	30.3	56.6	65.7	69.8	72.2	72.7	73.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 1800	30.5	59.5	69.0	71.2	73.9	74.4	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 1500	30.6	60.6	69.9	73.3	76.7	77.5	78.3	78.9	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 1200	31.0	61.6	70.3	73.9	79.5	80.7	81.7	82.3	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 1000	31.2	62.4	71.6	76.9	81.2	82.4	83.6	84.7	84.8	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 900	31.4	62.6	71.9	77.1	81.7	83.1	84.7	86.0	86.1	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 800	31.4	63.0	72.5	78.2	83.0	84.5	86.3	87.7	87.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 700	31.4	63.1	72.7	78.4	83.2	84.7	86.9	88.6	88.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 600	31.4	63.3	73.1	79.1	84.0	85.6	88.2	90.1	90.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 500	31.4	63.3	73.1	79.4	84.4	86.3	89.1	91.3	91.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 400	31.4	63.3	73.1	79.5	84.7	86.6	89.5	91.9	92.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 300	31.4	63.4	73.2	79.5	84.7	86.6	89.5	92.1	92.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 200	31.4	63.5	73.3	79.6	84.7	86.6	89.5	92.2	92.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 100	31.4	63.5	73.3	79.6	84.7	86.7	89.6	92.2	92.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 0	31.4	63.5	73.3	79.6	84.7	86.7	89.6	92.2	92.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1

TOTAL NUMBER OF OBSERVATIONS 1938

DATA PROCESSING DIVISION
 ETAC, USAF
 ASBREVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

19841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-48,53-67
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17,7	28,9	31,5	35,4	33,7	33,8	34,1	34,2	34,2	34,2	34,2	34,2	34,2	34,2	34,2	34,2
≥ 20000	17,8	28,1	39,6	42,4	42,7	42,8	43,1	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2
IV 18000	19,8	36,2	39,7	42,4	42,8	42,9	43,1	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2
IV 16000	19,8	36,4	39,9	42,7	43,0	43,1	43,4	43,5	43,5	43,5	43,5	43,5	43,5	43,5	43,5	43,5
IV 14000	19,9	36,9	40,5	43,2	43,6	43,7	44,0	44,1	44,1	44,1	44,1	44,1	44,1	44,1	44,1	44,1
IV 12000	20,5	39,3	43,0	45,9	46,3	46,4	46,7	46,9	46,9	46,9	46,9	46,9	46,9	46,9	46,9	46,9
IV 10000	21,7	41,1	47,7	48,4	50,1	50,8	50,7	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9
IV 9000	22,0	42,6	47,1	50,3	51,1	51,9	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2
IV 8000	22,4	43,7	48,5	51,9	52,5	52,7	53,2	53,4	53,4	53,4	53,4	53,4	53,4	53,4	53,4	53,4
IV 7000	22,8	44,0	47,4	53,0	53,7	54,1	54,9	54,9	54,9	54,9	54,9	54,9	54,9	54,9	54,9	54,9
IV 6000	23,1	46,0	50,9	54,6	55,5	55,7	56,1	56,3	56,3	56,3	56,3	56,3	56,3	56,3	56,3	56,3
IV 5000	23,7	47,4	52,9	56,5	57,4	57,6	58,0	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2
IV 4500	24,1	47,5	53,5	57,2	58,3	58,5	59,0	59,1	59,1	59,1	59,1	59,1	59,1	59,1	59,1	59,1
IV 4000	24,6	48,9	55,0	59,0	60,4	60,6	61,2	61,4	61,4	61,4	61,4	61,4	61,4	61,4	61,4	61,4
IV 3500	25,1	50,3	56,7	60,9	62,3	62,5	63,1	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3
IV 3000	25,7	51,9	58,5	63,1	64,8	65,0	65,5	65,7	65,7	65,7	65,7	65,7	65,7	65,7	65,7	65,7
IV 2500	26,8	53,7	63,1	68,2	69,9	70,2	70,8	71,1	71,1	71,1	71,1	71,1	71,1	71,1	71,1	71,1
IV 2000	27,5	58,4	66,9	72,7	74,7	75,0	75,7	76,0	76,0	76,0	76,0	76,0	76,0	76,0	76,0	76,0
IV 1800	27,6	59,4	68,1	73,9	75,1	75,4	76,4	77,1	77,1	77,1	77,1	77,1	77,1	77,1	77,1	77,1
IV 1500	27,8	60,3	69,8	75,9	76,6	77,1	78,0	78,0	78,0	78,0	78,0	78,0	78,0	78,0	78,0	78,0
IV 1200	27,9	60,9	71,1	77,8	81,2	81,5	82,0	82,3	82,3	82,3	82,3	82,3	82,3	82,3	82,3	82,3
IV 1000	27,9	61,3	71,8	78,7	82,4	83,0	84,4	84,9	84,9	84,9	84,9	84,9	84,9	84,9	84,9	84,9
IV 900	27,9	61,5	72,1	79,2	83,4	84,1	85,7	86,4	86,4	86,4	86,4	86,4	86,4	86,4	86,4	86,4
IV 800	28,1	61,8	72,4	79,7	84,3	85,2	86,9	87,7	87,7	87,7	87,7	87,7	87,7	87,7	87,7	87,7
IV 700	28,1	61,8	72,6	79,9	84,8	85,8	87,9	88,7	88,8	88,8	88,8	88,8	88,8	88,8	88,8	88,8
IV 600	28,1	62,0	73,1	80,4	85,7	87,0	89,2	90,2	90,4	90,4	90,4	90,4	90,4	90,4	90,4	90,4
IV 500	28,1	62,1	73,3	80,8	86,1	87,5	89,9	91,4	91,5	91,5	91,5	91,5	91,5	91,5	91,5	91,5
IV 400	28,1	62,2	73,3	81,0	86,4	87,7	90,7	92,2	92,4	92,4	92,4	92,4	92,4	92,4	92,4	92,4
IV 300	28,1	62,2	73,4	81,1	86,6	87,9	90,9	92,5	92,7	92,7	92,7	92,7	92,7	92,7	92,7	92,7
IV 200	28,1	62,2	73,4	81,1	86,7	88,0	91,1	92,7	92,8	92,8	92,8	92,8	92,8	92,8	92,8	92,8
IV 100	28,1	62,2	73,4	81,1	86,7	88,0	91,1	92,7	92,8	92,8	92,8	92,8	92,8	92,8	92,8	92,8
IV 0	28,1	62,2	73,4	81,1	86,7	88,0	91,1	92,7	92,8	92,8	92,8	92,8	92,8	92,8	92,8	92,8

TOTAL NUMBER OF OBSERVATIONS 1988

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13841
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43m48,33m67
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16,6	31,5	35,2	36,5	37,0	37,2	37,5	37,6	37,6	37,8	37,8	37,8	37,8	37,8	37,8	37,9
≥ 20000	19,5	36,6	40,8	42,6	43,1	43,3	43,7	43,9	44,1	44,1	44,1	44,1	44,1	44,1	44,1	44,1
IV 18000	19,6	36,7	40,9	42,7	43,2	43,5	43,8	44,1	44,1	44,3	44,3	44,3	44,3	44,3	44,3	44,3
IV 16000	19,6	36,6	41,0	42,8	43,3	43,5	43,9	44,1	44,1	44,3	44,3	44,3	44,3	44,3	44,3	44,3
IV 14000	19,7	37,2	41,4	43,2	43,7	43,9	44,3	44,5	44,5	44,7	44,7	44,7	44,7	44,7	44,7	44,8
IV 12000	20,7	39,9	44,2	46,1	46,7	46,9	47,2	47,5	47,5	47,7	47,7	47,7	47,7	47,7	47,7	47,7
IV 10000	21,8	42,5	47,3	49,3	49,9	50,2	50,6	50,9	50,9	51,1	51,1	51,1	51,1	51,1	51,1	51,2
IV 9000	22,3	43,4	48,3	50,3	51,1	51,4	51,8	52,1	52,1	52,3	52,3	52,3	52,3	52,3	52,3	52,4
IV 8000	22,9	44,7	49,8	52,2	53,1	53,5	53,9	54,2	54,2	54,4	54,4	54,4	54,4	54,4	54,4	54,4
IV 7000	22,9	45,4	50,3	53,0	54,1	54,4	54,9	55,2	55,2	55,4	55,4	55,4	55,4	55,4	55,4	55,5
IV 6000	23,9	46,7	52,1	54,6	55,7	56,1	56,5	56,9	56,9	57,1	57,1	57,1	57,1	57,1	57,1	57,1
IV 5000	23,8	46,3	54,2	56,8	58,0	58,3	58,7	59,1	59,1	59,3	59,3	59,3	59,3	59,3	59,3	59,4
IV 4500	24,3	49,5	55,6	58,4	59,6	59,9	60,4	60,7	60,7	60,9	60,9	60,9	60,9	60,9	60,9	61,0
IV 4000	25,2	51,1	57,5	60,4	61,9	62,2	62,6	63,0	63,0	63,2	63,2	63,2	63,2	63,2	63,2	63,3
IV 3500	25,6	51,9	58,7	61,8	63,3	63,7	64,1	64,5	64,5	64,7	64,7	64,7	64,7	64,7	64,7	64,7
IV 3000	26,4	53,9	61,0	64,2	66,0	66,3	66,8	67,2	67,2	67,4	67,4	67,4	67,4	67,4	67,4	67,4
IV 2500	27,7	57,1	64,8	68,3	70,5	70,9	71,7	72,0	72,0	72,3	72,3	72,3	72,3	72,3	72,3	72,3
IV 2000	28,1	59,5	68,6	72,1	75,2	75,7	76,6	77,0	77,0	77,3	77,3	77,3	77,3	77,3	77,3	77,4
IV 1800	28,2	60,1	69,3	73,0	76,3	76,8	77,7	78,2	78,2	78,4	78,4	78,4	78,4	78,4	78,4	78,5
IV 1500	28,3	61,3	70,9	74,8	78,1	78,6	79,5	80,4	80,4	80,9	80,9	81,2	81,4	81,4	81,4	81,5
IV 1200	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7
IV 1000	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7
IV 900	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7
IV 800	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7
IV 700	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7
IV 600	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7
IV 500	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7
IV 400	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7
IV 300	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7
IV 200	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7
IV 100	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7
IV 0	28,5	62,9	72,5	76,5	80,1	80,6	81,5	82,4	82,4	82,9	82,9	83,4	83,6	83,6	83,6	83,7

TOTAL NUMBER OF OBSERVATIONS 1927

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

1984
STATION

WILMINGTON OHIO/CLINTON CU AFB
STATION NAME

43-48-53-67
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14,2	26,6	29,5	31,4	32,1	32,3	32,7	32,9	32,9	33,0	33,1	33,1	33,2	33,2	33,2	33,2
≥ 20000	17,6	33,6	37,3	39,7	40,7	41,0	41,4	41,7	41,7	41,8	41,8	41,8	41,9	41,9	42,0	42,1
IVV 18000	17,7	33,7	37,3	39,8	40,8	41,1	41,5	41,8	41,8	41,9	41,9	41,9	42,0	42,1	42,1	42,2
IVV 16000	17,7	33,8	37,4	39,8	40,9	41,2	41,6	41,9	41,9	42,0	42,0	42,0	42,1	42,1	42,2	42,3
IVV 14000	17,9	34,5	38,2	40,6	41,7	42,0	42,5	42,7	42,7	42,8	42,9	42,9	43,0	43,0	43,0	43,1
IVV 12000	19,0	37,0	41,0	43,0	44,8	45,1	45,6	45,8	45,8	46,0	46,0	46,0	46,1	46,1	46,2	46,3
IVV 10000	20,2	39,7	44,0	46,8	48,2	48,5	49,0	49,3	49,3	49,4	49,5	49,5	49,6	49,6	49,6	49,7
IVV 9000	20,5	40,5	44,9	47,7	49,1	49,5	50,0	50,5	50,5	50,4	50,5	50,5	50,6	50,6	50,6	50,7
IVV 8000	21,0	41,9	46,4	49,4	50,9	51,2	51,8	52,1	52,1	52,3	52,3	52,3	52,4	52,4	52,5	52,6
IVV 7000	21,3	42,6	47,4	50,5	52,2	52,6	53,2	53,5	53,5	53,7	53,7	53,7	53,8	53,8	53,9	53,9
IVV 6000	21,5	43,4	48,2	51,4	53,2	53,6	54,2	54,5	54,5	54,7	54,7	54,7	54,8	54,8	54,9	55,0
IVV 5000	22,1	44,7	49,9	52,3	53,3	53,7	54,4	54,7	54,7	54,9	54,9	55,0	55,1	55,1	55,1	55,2
IVV 4500	22,4	45,5	50,9	52,3	54,4	54,8	55,5	55,8	55,8	56,0	56,0	56,0	56,1	56,1	56,2	56,4
IVV 4000	22,9	46,7	52,3	53,9	56,2	56,6	57,4	57,7	57,7	57,9	57,9	58,0	58,1	58,1	58,2	58,4
IVV 3500	23,3	47,9	53,8	54,6	60,0	60,4	61,2	61,5	61,5	61,7	61,7	61,8	61,8	61,9	61,9	62,1
IVV 3000	23,9	49,4	55,6	55,7	62,3	62,7	63,6	64,0	64,0	64,2	64,2	64,3	64,3	64,5	64,5	64,6
IVV 2500	24,4	52,4	59,1	63,6	70,8	71,5	72,0	73,2	73,2	73,6	73,6	73,7	73,7	73,9	73,9	74,0
IVV 2000	24,9	55,1	62,7	67,6	75,3	75,8	76,5	78,2	78,2	78,5	78,5	78,8	78,8	79,0	79,0	79,1
IVV 1800	25,4	56,0	63,7	68,8	72,1	72,7	73,9	74,5	74,5	74,6	74,6	74,8	74,8	75,1	75,1	75,4
IVV 1500	26,2	57,8	66,2	71,6	75,3	75,8	77,5	78,2	78,2	78,3	78,3	78,8	78,8	79,0	79,0	79,3
IVV 1200	26,4	59,0	68,0	73,9	78,2	78,7	80,7	81,6	81,6	81,7	81,7	82,3	82,3	82,6	82,6	82,9
IVV 1000	26,5	59,6	69,1	75,3	79,9	80,0	82,8	83,8	83,8	84,0	84,0	84,8	84,8	85,2	85,2	85,6
IVV 900	26,5	60,0	69,6	76,1	80,8	80,8	82,0	83,2	83,2	83,3	83,3	84,2	84,2	84,6	84,6	85,1
IVV 800	26,6	60,3	70,1	76,8	82,1	82,1	83,6	84,9	84,9	85,1	85,1	86,0	86,0	86,4	86,4	87,0
IVV 700	26,6	60,4	70,3	77,2	82,7	82,7	84,1	85,5	85,5	85,7	85,7	86,6	86,6	87,0	87,0	87,6
IVV 600	26,6	60,5	70,7	77,7	83,6	83,6	85,0	86,3	86,3	86,5	86,5	87,4	87,4	87,8	87,8	88,4
IVV 500	26,7	60,7	70,9	78,0	84,1	84,1	85,7	86,9	86,9	87,1	87,1	88,0	88,0	88,4	88,4	89,1
IVV 400	26,7	60,7	71,0	78,2	84,4	84,4	86,1	87,2	87,2	87,4	87,4	88,3	88,3	88,7	88,7	89,4
IVV 300	26,7	60,8	71,0	78,3	84,7	84,7	86,4	87,5	87,5	87,7	87,7	88,6	88,6	89,0	89,0	89,7
IVV 200	26,7	60,8	71,0	78,4	84,7	84,7	86,5	87,5	87,5	87,7	87,7	88,6	88,6	89,0	89,0	89,7
IVV 100	26,7	60,8	71,0	78,4	84,8	84,8	86,5	87,5	87,5	87,7	87,7	88,6	88,6	89,0	89,0	89,7
IVV 0	26,7	60,8	71,0	78,4	84,8	84,8	86,5	87,5	87,5	87,7	87,7	88,6	88,6	89,0	89,0	89,7

TOTAL NUMBER OF OBSERVATIONS 14499

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13341 WILMINGTON OHIO/CLINTON CU AFB 43-49-53-68 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	> 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22,7	36,8	39,3	40,6	41,4	41,6	41,9	42,0	42,0	42,1	42,2	42,2	42,2	42,2	42,3	42,3
≥ 20000	29,1	47,2	50,6	52,2	53,3	53,5	53,8	54,0	54,0	54,1	54,2	54,2	54,2	54,3	54,3	54,4
IV 18000	29,1	47,2	50,6	52,2	53,3	53,5	53,8	54,0	54,0	54,1	54,2	54,2	54,2	54,3	54,3	54,4
IV 16000	29,2	47,4	50,8	52,4	53,5	53,7	54,1	54,2	54,3	54,4	54,4	54,5	54,5	54,5	54,6	54,7
IV 14000	29,5	48,1	51,5	53,2	54,3	54,5	54,9	55,1	55,1	55,2	55,3	55,3	55,3	55,4	55,4	55,5
IV 12000	30,4	50,0	53,6	55,4	56,6	56,8	57,2	57,3	57,4	57,5	57,6	57,6	57,7	57,7	57,7	57,8
IV 10000	31,7	52,8	56,6	58,6	59,9	60,1	60,6	60,8	60,8	60,9	61,0	61,0	61,1	61,1	61,1	61,2
IV 9000	32,0	53,5	57,4	59,4	60,8	61,0	61,4	61,6	61,7	61,8	61,9	61,9	62,0	62,0	62,0	62,1
IV 8000	32,7	55,2	59,4	61,5	62,9	63,2	63,7	63,9	63,9	64,1	64,1	64,1	64,2	64,2	64,2	64,4
IV 7000	33,2	56,5	60,9	63,1	64,6	64,9	65,4	65,6	65,6	65,8	65,9	65,9	66,0	66,0	66,0	66,1
IV 6000	33,5	57,3	61,8	64,1	65,6	66,0	66,5	66,7	66,7	66,9	66,9	66,9	67,0	67,0	67,1	67,2
IV 5000	34,2	58,9	63,0	65,4	67,7	68,1	68,6	68,8	68,9	69,1	69,1	69,1	69,2	69,2	69,2	69,4
IV 4500	34,6	59,9	64,8	67,3	69,0	69,4	69,9	70,2	70,2	70,4	70,5	70,5	70,5	70,5	70,6	70,7
IV 4000	35,5	61,8	67,0	69,6	71,4	71,8	72,4	72,7	72,7	72,9	73,0	73,0	73,1	73,1	73,1	73,2
IV 3500	36,1	63,3	68,7	71,4	73,4	73,8	74,4	74,7	74,7	74,9	75,0	75,0	75,1	75,1	75,2	75,3
IV 3000	37,0	65,3	71,0	73,9	76,0	76,5	77,1	77,4	77,5	77,7	77,8	77,8	77,8	77,9	77,9	78,0
IV 2500	37,4	67,6	73,9	77,1	79,4	79,9	80,7	81,0	81,0	81,3	81,3	81,3	81,4	81,4	81,5	81,6
IV 2000	38,5	70,0	76,6	80,1	82,6	83,2	84,1	84,4	84,5	84,8	84,9	84,9	85,0	85,0	85,0	85,1
IV 1800	38,6	70,4	77,1	80,7	83,3	83,9	84,8	85,2	85,2	85,5	85,6	85,6	85,7	85,7	85,8	85,9
IV 1500	38,9	71,5	78,6	82,4	85,3	85,9	86,9	87,3	87,3	87,6	87,7	87,7	87,8	87,8	87,8	88,0
IV 1200	39,0	72,3	79,7	83,9	87,1	87,8	89,0	89,4	89,4	89,7	89,8	89,8	90,0	90,0	90,0	90,3
IV 1000	39,1	72,8	80,4	84,8	88,3	89,1	90,5	90,9	90,9	91,2	91,3	91,3	91,4	91,4	91,4	91,6
IV 900	39,1	73,0	80,7	85,2	88,9	89,6	91,2	91,6	91,6	91,9	92,0	92,0	92,1	92,1	92,1	92,3
IV 800	39,1	73,2	81,0	85,7	89,5	90,3	92,0	92,4	92,4	92,8	92,9	92,9	93,0	93,0	93,0	93,1
IV 700	39,1	73,3	81,2	86,0	90,0	91,0	92,7	93,1	93,1	93,5	93,6	93,6	93,7	93,7	93,7	93,9
IV 600	39,1	73,4	81,5	86,3	90,6	91,7	93,3	93,7	93,7	94,1	94,2	94,2	94,3	94,3	94,3	94,5
IV 500	39,2	73,5	81,6	86,5	90,9	92,1	93,8	94,2	94,2	94,6	94,7	94,7	94,8	94,8	94,8	95,0
IV 400	39,2	73,5	81,6	86,6	91,1	92,4	94,1	94,5	94,5	94,9	95,0	95,0	95,1	95,1	95,1	95,3
IV 300	39,2	73,6	81,7	86,7	91,2	92,5	94,8	95,2	95,2	95,6	95,7	95,7	95,8	95,8	95,8	96,0
IV 200	39,2	73,6	81,7	86,7	91,2	92,5	94,8	95,2	95,2	95,6	95,7	95,7	95,8	95,8	95,8	96,0
IV 100	39,2	73,6	81,7	86,7	91,3	92,5	94,8	95,2	95,2	95,6	95,7	95,7	95,8	95,8	95,8	96,0
IV 0	39,2	73,6	81,7	86,7	91,3	92,5	94,8	95,2	95,2	95,6	95,7	95,7	95,8	95,8	95,8	96,0

TOTAL NUMBER OF OBSERVATIONS 174658

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

SKY COVER

13841 WILMINGTON OHIO/CLINTON CD AFB

46-49,54-68

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	27,4	1,7	2,6	2,2	1,8	1,1	2,2	2,9	2,9	2,2	52,5	6,4	1485
	03-05	26,2	1,7	1,2	2,4	2,1	1,2	1,7	1,5	3,0	1,5	58,4	6,7	1391
	06-08	17,0	2,6	2,8	2,6	2,3	1,2	2,3	3,4	4,6	2,2	58,9	7,2	1485
	09-11	10,3	3,5	4,0	2,8	3,0	2,0	3,0	3,6	6,2	4,6	57,0	7,5	1687
	12-14	9,5	3,1	3,3	3,3	3,3	2,2	3,4	5,4	8,1	3,7	53,0	7,5	1693
	15-17	11,5	3,3	3,3	4,1	2,7	1,9	3,8	5,1	6,0	6,0	52,0	7,2	1749
	18-20	18,7	3,1	3,9	4,3	2,9	1,9	2,7	3,9	4,3	2,8	52,4	6,6	1781
	21-23	25,5	2,0	2,4	2,4	2,2	2,2	2,9	3,0	3,3	1,6	52,5	6,4	1764
TOTALS		18,0	2,5	3,0	3,1	2,6	1,8	2,8	3,6	4,9	3,4	54,5	6,9	12985

DATA PROCESSING DIVISION
ETAC, USAF
ASREVILLE, N.C., 28801

SKY COVER

1961 WILMINGTON OHIO/CLINTON CO AFB 46-49,53-68 MAR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	29.7	1.6	3.8	3.5	3.3	.7	2.2	2.9	4.0	1.3	47.0	5.8	1537
	03-05	30.1	.9	3.2	3.0	2.1	1.5	2.6	2.1	4.1	1.3	49.0	6.0	1446
	06-08	17.0	3.6	7.5	4.1	3.1	2.1	2.5	3.5	6.1	4.0	49.3	6.6	1537
	09-11	18.2	3.6	4.1	4.3	3.1	2.9	2.9	5.4	7.2	5.6	47.7	6.9	1729
	12-14	10.2	3.4	3.4	2.9	2.9	3.2	3.5	3.7	10.4	7.0	47.3	7.3	1749
	15-17	8.5	3.1	3.4	2.2	2.2	3.7	3.6	6.1	8.2	6.0	41.4	7.5	1803
	18-20	14.0	4.1	3.9	3.8	3.8	3.1	3.2	4.3	7.2	4.3	48.3	6.6	1803
	21-23	23.8	1.9	3.0	3.3	3.2	2.1	3.4	3.5	4.8	2.4	46.4	6.1	1792
TOTALS		18.2	2.8	3.7	3.6	3.0	3.4	3.0	4.3	6.6	4.2	46.3	6.7	12606

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

SKY COVER

12841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

46-49,59-08
 PERIOD

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	33.0	1.0	2.9	3.0	3.3	1.0	3.2	3.7	5.4	1.4	41.6	5.5	1520
	03-05	30.6	1.9	2.8	3.2	3.7	1.5	2.8	3.3	5.3	1.9	42.8	5.7	1443
	06-08	19.7	3.1	4.1	4.2	3.5	2.0	3.3	3.0	7.1	5.6	48.3	6.6	1531
	09-11	13.1	4.1	4.3	3.4	3.8	2.6	3.0	4.3	8.3	7.3	45.7	6.9	1728
	12-14	8.6	3.7	3.1	3.1	3.4	3.2	4.7	6.5	10.5	9.0	44.3	7.3	1737
	15-17	6	2.4	3.5	3.9	4.8	3.7	4.1	5.7	11.3	9.0	44.8	7.4	1785
	18-20	3.9	3.7	3.0	4.9	5.0	3.2	3.6	5.8	10.2	7.5	41.6	6.9	1784
	21-23	28.9	2.3	4.5	4.1	3.2	2.8	3.4	4.2	6.1	2.4	41.6	5.8	1775
TOTALS		17.4	2.9	3.8	3.7	3.9	2.8	3.6	4.9	8.2	5.7	43.5	6.6	13313

USAF ETAC FORM 0.9.5 (OL1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAG, USAF
 ASHEVILLE, N.C. 28801

SKY COVER

12841
STATION

WILMINGTON OHIO/CLINTON CG AFB
STATION NAME

46-49, 53-68
PERIOD

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	39.9	2.6	4.0	4.1	4.1	2.2	3.3	2.9	4.9	1.9	33.0	4.8	1596
	03-05	30.8	3.8	4.2	4.8	4.2	2.4	2.7	2.8	5.1	2.6	26.4	5.2	1511
	06-08	17.3	5.3	4.4	5.1	3.8	2.1	2.3	4.8	8.3	7.0	39.5	6.3	1596
	09-11	13.6	4.8	3.3	3.2	4.0	3.5	4.9	3.2	8.8	6.7	39.4	6.5	1780
	12-14	8.8	3.3	3.1	4.2	4.0	3.3	3.0	7.1	12.4	8.7	35.0	7.0	1786
	15-17	8.0	3.0	3.3	3.0	4.3	6.4	3.8	7.4	11.2	8.0	37.5	7.0	1847
	18-20	11.5	5.3	6.7	3.6	3.2	3.6	4.3	5.9	9.7	8.0	34.1	6.3	1844
	21-23	9.8	4.4	3.3	3.9	3.7	3.1	3.8	4.6	6.0	3.5	30.5	4.9	1835
TOTALS		17.1	4.1	4.4	3.0	4.2	3.7	4.1	5.2	8.4	3.8	36.0	6.0	13795

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

SKY COVER

12641
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

46-49,53-68
PERIOD

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	38,7	2,6	6,3	6,1	5,3	2,3	3,8	3,9	5,4	1,5	24,2	4,2	1300
	03-05	29,3	3,7	6,4	6,8	5,6	5,1	4,2	5,1	6,2	2,1	25,5	4,7	1441
	06-08	19,8	4,5	6,9	5,6	5,4	4,1	4,1	6,9	9,7	6,1	27,0	5,5	1499
	09-11	16,2	5,6	5,8	5,3	5,8	4,8	4,6	6,8	9,9	7,1	27,9	5,8	1652
	12-14	5,5	4,3	5,8	5,9	7,3	7,0	7,4	9,7	14,2	8,6	24,1	6,4	1677
	15-17	6,4	3,9	4,7	6,5	7,7	7,5	7,7	9,3	14,2	8,0	24,1	6,4	1787
	18-20	14,2	6,8	6,1	6,4	6,1	5,6	4,4	8,2	10,9	8,0	23,2	5,9	1773
	21-23	25,9	6,0	7,4	6,8	6,3	4,1	4,3	4,6	7,3	2,8	24,6	4,8	1756
TOTALS		18,7	4,7	6,2	6,1	6,3	5,1	5,2	6,9	9,9	5,7	23,3	5,5	13055

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C., 28801

SKY COVER

12841 WILMINGTON OHIO/CLINTON CO AFB 47-49,53-08 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	37.7	4.3	6.5	5.3	4.9	2.7	3.4	5.0	6.7	2.0	19.6	3.9	1388
	03-05	35.1	3.1	7.1	7.7	5.3	2.9	3.7	4.1	5.9	2.0	22.9	4.2	1330
	06-08	21.7	6.3	7.5	5.2	5.7	4.0	3.8	5.4	9.2	5.2	25.8	5.3	1468
	09-11	18.3	6.7	6.5	6.8	6.9	4.1	5.8	6.3	9.4	6.2	26.1	5.5	1672
	12-14	5.6	4.6	4.1	5.9	7.4	8.3	2.0	9.7	13.4	8.3	23.5	6.4	1687
	15-17	4.5	3.4	4.9	6.9	8.7	10.6	7.9	10.3	13.4	8.4	22.1	6.4	1744
	18-20	2.5	7.4	8.1	7.7	7.2	6.1	4.3	6.7	13.4	7.2	23.1	5.8	1746
	21-23	25.9	7.7	8.8	6.8	5.8	3.7	4.3	5.3	7.1	3.1	21.4	4.5	1725
TOTALS		10.7	5.8	6.7	6.8	6.6	5.5	5.3	6.7	9.8	5.5	23.1	5.3	12760

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

SKY COVER

13841

WILMINGTON OHIO/CLINTON CO AFB

47-49.53-68

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	48.9	4.1	4.7	5.9	4.0	2.0	2.6	2.9	5.5	2.3	10.5	3.3	1303
	03-05	45.5	3.9	5.3	4.8	4.6	3.4	2.3	3.2	5.7	2.2	12.0	3.6	1302
	06-08	22.8	6.9	7.8	6.5	5.6	3.0	3.8	6.3	8.0	5.2	23.3	4.9	1486
	09-11	18.0	5.9	6.2	7.6	5.2	5.9	4.5	7.8	9.8	6.1	23.0	5.4	1650
	12-14	5.7	3.4	5.7	5.9	9.2	9.9	6.2	9.6	10.3	8.7	12.0	6.3	1661
	15-17	2.6	4.1	7.7	8.3	10.4	8.6	7.2	7.8	13.3	7.2	12.5	6.0	1748
	18-20	12.6	8.6	10.6	8.0	8.0	4.2	5.1	6.8	10.0	6.1	18.3	5.0	1748
	21-23	27.7	4.7	7.6	5.9	5.0	3.6	4.4	5.2	6.0	2.0	17.7	3.8	1736
	TOTALS	22.0	5.3	7.1	6.7	6.6	5.4	4.7	6.4	9.5	5.1	12.6	4.8	12664

DATA PROCESSING DIVISION
HTAG, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

46-49,52008
PERIOD

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	51.8	2.8	4.1	4.9	2.6	1.8	2.4	3.3	2.8	2.3	21.0	3.4	1437
	03-05	50.2	1.6	4.3	3.7	2.5	2.0	2.4	2.9	4.1	2.1	24.3	3.7	1337
	06-08	20.5	0.1	6.2	5.4	4.8	4.1	3.9	5.8	5.7	5.4	20.2	4.9	1473
	09-11	23.5	0.3	5.4	4.2	5.1	3.6	4.1	7.0	8.3	6.2	26.3	5.1	1637
	12-14	18.0	5.6	4.7	5.8	6.0	6.9	6.1	8.6	10.8	6.3	23.3	5.6	1877
	15-17	10.8	0.9	5.2	5.6	5.8	7.4	6.6	6.0	8.7	7.2	22.2	5.4	1774
	18-20	26.6	7.7	7.1	6.1	6.0	4.8	4.1	5.9	7.8	2.3	20.3	4.5	1775
	21-23	48.9	2.6	6.3	5.4	4.4	2.0	2.7	4.8	3.8	2.4	18.3	3.5	1756
TOTALS		21.6	3.0	5.5	5.3	4.9	4.2	4.3	5.7	6.7	4.5	22.4	4.6	12880

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

SKY COVER

12841 STATION WILMINGTON OHIO/CLINTON CO AFB STATION NAME 4648,5368 PERIOD OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00W02	50.1	1.7	3.9	3.3	2.1	1.5	2.0	3.3	3.2	1.3	27.7	3.8	1379
	03W05	42.3	1.4	3.6	1.7	3.7	1.1	2.7	2.3	2.8	1.1	30.3	4.0	1317
	06W08	31.0	4.8	4.2	5.2	3.8	5.0	2.1	4.2	6.3	4.9	29.8	5.0	1438
	09W11	28.0	6.0	4.3	3.9	3.9	2.0	4.3	5.3	7.7	5.1	28.4	5.1	1632
	12W14	23.7	4.7	3.6	4.3	5.2	5.0	3.9	6.4	8.3	6.9	28.4	5.5	1647
	15W17	23.1	4.8	5.4	5.0	5.0	4.9	4.3	5.1	9.0	7.6	25.8	5.4	1739
	18W20	21.6	5.8	5.7	4.7	4.2	3.2	3.5	5.4	6.2	3.6	26.2	4.7	1739
	21W23	40.0	1.9	3.2	3.2	3.6	2.1	2.8	3.2	4.1	1.9	27.4	4.1	1724
	TOTALS	39.8	4.0	4.3	4.0	4.0	3.1	3.3	4.5	6.1	4.1	27.9	4.7	12615

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

SKY COVER

1961 WILMINGTON OHIO/CLINTON CO AFB 46-49,53-62 ALL
STATION PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	18.0	2.5	3.0	3.1	2.6	1.8	2.8	3.6	4.9	3.4	54.5	6.9	12985
FEB		20.7	2.6	3.6	3.2	2.4	2.1	2.9	3.6	5.3	3.6	50.1	6.6	11205
MAR		18.2	2.8	3.7	3.6	3.0	2.4	3.0	4.3	6.6	4.2	48.3	6.7	13406
APR		17.4	2.9	3.8	3.7	3.9	2.5	3.6	4.9	8.2	5.7	43.5	6.6	13313
MAY		12.1	4.1	4.4	5.0	4.2	3.7	4.1	5.2	8.4	5.8	36.0	6.0	13795
JUN		18.7	4.7	6.2	6.1	6.3	5.1	5.2	6.9	9.9	5.7	25.3	5.5	13055
JUL		18.7	5.5	6.7	6.6	6.6	5.5	5.3	6.7	9.8	5.5	23.1	5.3	13760
AUG		23.6	5.2	7.1	6.7	6.6	5.6	4.7	6.4	9.5	5.1	12.6	4.8	13664
SEP		21.6	5.0	5.5	5.3	4.9	4.2	4.3	5.7	6.7	4.5	22.4	4.9	13886
OCT		24.8	4.0	4.3	5.0	4.0	3.1	3.3	4.5	6.1	4.1	27.9	4.7	12615
NOV		23.3	2.8	3.5	3.5	3.5	2.2	3.0	3.9	6.0	4.1	44.0	6.2	12560
DEC		19.0	2.6	3.4	3.2	2.9	2.3	2.4	3.5	5.2	3.8	51.7	6.7	12283
TOTALS		21.9	3.8	4.6	4.5	4.2	3.6	3.7	5.0	7.2	4.6	27.1	5.9	53227

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- Dry-bulb temperature
 - Wet-bulb temperature
 - Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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 ETAC, USAF
 ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13841 WILMINGTON DMIC/CLINTON CO AFB

44-49, 54-68

JAN
 MONTH

PAGE 1 ALL
 HOLDS R 5 T

FORM 1210 VS JUL 64 0-26-5 (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D B / W B	Dry Bulb	Wet Bulb	Dew Point															
69/67				0	0	0	0											4	4																	
68/66				0	0	0	0											7	7																	
64/63				0	0	0	0	0										10	16																	
62/61				0	0	0	0	0	0									36	36	2																
60/59	0	0	0	0	0	0	0	0	0	0								87	87	19	6															
58/57	0	0	0	0	0	0	0	0	0	0	0							91	91	73	36															
56/55	0	0	0	0	0	0	0	0	0	0	0	0						108	108	99	64															
54/53	0	0	0	0	0	0	0	0	0	0	0	0	0					124	124	108	89															
52/51	0	0	0	0	0	0	0	0	0	0	0	0	0	0				170	170	141	127															
50/49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			208	208	170	156															
48/47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		282	282	182	159															
46/45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	322	322	216	186															
44/43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	288	288	291	228															
42/41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	395	395	321	237															
40/39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	556	556	421	281															
38/37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	662	662	499	294															
36/35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	907	907	798	489															
34/33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1006	1006	861	632															
32/31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1080	1081	1152	788															
30/29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1077	1078	1141	828															
28/27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1030	1030	1109	782															
26/25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	938	938	1061	940															
24/23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	758	759	930	949															
22/21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	627	627	756	922															
20/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	596	596	695	698															
18/17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	549	550	611	645															
16/15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	467	468	552	683															
14/13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	404	404	468	592															
12/11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	347	347	404	521															
10/9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300	302	347	451															
8/7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	234	235	260	441															
6/5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	193	193	227	378															
4/3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120	120	159	323															
2/1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	108	112	282															
Element (X)	Σx ²		Σx		\bar{x}	σ_x	No Obs		Mean No. of Hours with Temperature											Total																
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	> 80 F	> 93 F																						
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

12841 WILMINGTON OHIO/CLINTON CO AFB 44-45, 47-49, 54-68
 STATION STATION NAME YEARS

FEB
 MONTH

PAGE 2 ALL
 HOURS 5 17

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D B / W B	TOTAL			
	0	1-2	3	4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Dry Bulb	Wet Bulb		Dew Point			
4/ 3		2	6																													97	110	105	219	
2/ 1		2	3																													50	32	74	168	
0/ 1		2	2																													58	62	56	147	
2/ 3		1	1																													23	25	32	118	
4/ 5		0	0																													9	15	9	82	
6/ 7		0	0																													4	4	4	20	
8/ 9		0																														1	1	3	51	
10/ 11																																			26	
12/ 13																																			16	
14/ 15																																			5	
16/ 17																																			5	
18/ 19																																			2	
20/ 21																																			1	
22/ 23																																			1	
24/ 25																																			1	
26/ 27																																			1	
28/ 29																																			1	
30/ 31																																			1	
TOTAL	14,151,920,5	7,6	2,7	1,0	1,5	1,1																											12433	12577	12433	12434
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No Obs.	Mean No of Hours with Temperature						Total																								
Rel. Hum.	7332304	940814	73,7	14,741	12433	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	672,0																								
Dry Bulb	14212829	392729	31,2	12,450	12433	5,7	365,6	1,1				672,0																								
Wet Bulb	12117485	361289	29,1	11,411	12433	3,6	425,5					672,0																								
Dew Point	9342282	300302	24,2	12,934	12434	31,1	511,0					672,0																								

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PSYCHROMETRIC SUMMARY

1984 STATION WILMINGTON OHIO/CLINTON CU AFB 44-49.53-60 YEARS MAR MONTH

PAGE 1 ALL
 HOURS (R S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL DB/WB	TOTAL								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	Dry Bulb	Wet Bulb	Dew Point					
82/81																																			1	1					
80/79																			.0	.0														5	5						
78/77								.0										.0	.0															14	14						
76/75																		.1	.0															27	27						
74/73																		.1	.0															50	50						
72/71								.0										.0	.0															71	71						
70/69								.0										.0	.1															93	93	1					
68/67								.0										.0	.0															147	147	4					
66/65								.0										.0	.0															190	190	37					
64/63								.0										.1	.0															192	192	67					
62/61								.0										.1	.0															339	339	138					
60/59								.0										.0	.0															463	463	224					
58/57								.0										.0	.0															442	442	192					
56/55								.0										.0	.0															499	499	273					
54/53								.0										.0	.0															453	453	301					
52/51								.0										.0	.0															523	523	364					
50/49								.0										.0	.0															541	541	417					
48/47								.0										.0	.0															588	588	445					
46/45								.0										.0	.0															682	682	567					
44/43								.0										.0	.0															719	720	667					
42/41								.0										.0	.0															774	774	729					
40/39								.0										.0	.0															866	866	814					
38/37								.0										.0	.0															812	812	932					
36/35								.0										.0	.0															977	977	971					
34/33								.0										.0	.0															943	943	1027					
32/31								.0										.0	.0															1033	1033	1092					
30/29								.0										.0	.0															919	919	1136					
28/27								.0										.0	.0															624	625	943					
26/25								.0										.0	.0															538	540	719					
24/23								.0										.0	.0															337	358	537					
22/21								.0										.0	.0															305	307	368					
20/19								.0										.0	.0															235	241	358					
18/17								.0										.0	.0															152	153	186					
16/15								.0										.0	.0															108	110	154					
Element (X)								ΣX											\bar{X}																σ_x	No Obs	Mean No. of Hours with Temperature				
Rel. Hum.																																									
Dry Bulb																																									
Wet Bulb																																									
Dew Point																																									

FORM 1210 WS JUL 64 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

12841 WILMINGTON OHIO/CLINTON CU AFB 44-49, 52-68 MAN
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS IN SET

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19	20-21	22	23	24	25	26	27	28	29	30	31	DB/WB	Dry Bulb	Wet Bulb	Dew Point									
14/13	1	1																							73	73	102	269								
12/11	1	1																							24	25	39	217								
10/9	1	1	1																						26	28	26	150								
8/7	1	1	1	1																					26	27	31	110								
6/5	1	1	1	1	1																				5	6	6	69								
4/3	1	1	1	1	1	1																			11	11	11	69								
2/1	1	1	1	1	1	1	1																		9	9	9	21								
0/0	1	1	1	1	1	1	1	1																	5	5	5	13								
2/3	1	1	1	1	1	1	1	1	1																2	2	2	13								
4/5	1	1	1	1	1	1	1	1	1	1															1	1	1	13								
6/7	1	1	1	1	1	1	1	1	1	1	1														1	1	1	13								
8/9	1	1	1	1	1	1	1	1	1	1	1	1													1	1	1	13								
TOTAL	8,039	7,722	7,113	6,107	4,951	4,231	2,821	1,951	1,301	951	601	301	151	75	30	10									14868	14868	14868	14868								
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum	82471068	1088644	73.0	16.863	14868	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total																								
Dry Bulb	26912640	603126	40.5	13.045	14868	.4	222.6	20.4	4.8	1.1		744.0																								
Wet Bulb	22173264	548754	36.9	11.363	14868	.4	292.1	1.3				744.0																								
Dew Point	17258924	472728	31.8	12.243	14868	1.8	428.2	.1				744.0																								

FORM 1210 WS JUL 64 0-26 5 (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

13841 WILMINGTON OHIO/CLINTON CU AFB 44-49,59-68

APR
 MONTH

PAGE 1 ALL
 HOURS R S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB/WB	Dry Bulb	Wet Bulb	Dew Point		
86/85																			0	0	0													8	8			
84/83																			0	0	0													16	16			
82/81																			0	0	0													34	34			
80/79																			0	0	0													109	109			
78/77																			0	0	0													158	158			
76/75																			0	0	0													191	191			
74/73																			0	0	0													225	225			
72/71																			0	0	0													287	287	1	1	
70/69																			0	0	0													406	406	21	5	
68/67																			0	0	0													439	439	113	11	
66/65																			0	0	0													585	585	262	36	
64/63																			0	0	0													628	628	366	95	
62/61																			0	0	0													789	789	624	300	
60/59																			0	0	0													882	882	824	553	
58/57																			0	0	0													834	834	831	702	
56/55																			0	0	0														818	818	780	686
54/53																			0	0	0														863	863	799	653
52/51																			0	0	0														905	905	858	668
50/49																			0	0	0														818	818	990	649
48/47																			0	0	0														793	793	916	636
46/45																			0	0	0														774	774	1026	710
44/43																			0	0	0														764	764	1127	670
42/41																			0	0	0														686	686	974	822
40/39																			0	0	0														671	671	903	930
38/37																			0	0	0														617	617	863	905
36/35																			0	0	0														493	493	808	1066
34/33																			0	0	0														374	374	597	918
32/31																			0	0	0														267	267	514	1036
30/29																			0	0	0														165	165	313	870
28/27																			0	0	0														78	78	156	610
26/25																			0	0	0														38	38	103	444
24/23																			0	0	0														26	26	38	228
22/21																			0	0	0														8	8	14	205
20/19																			0	0	0														8	8	5	130
Element (X)	Σ X ²		Σ X		X̄		s ²		No Obs.		Mean No. of Hours with Temperature							Total																				
Rel. Hum.											< 0 F	- 32 F	- 67 F	- 73 F	- 80 F	- 93 F																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

FORM 1210 WS JUL 54 0 26-5 (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 HTAC, USAF
 ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13841 STATION WILMINGTON OHIO/CLINTON CU AFB STATION NAME 44-49,53-68 YEARS APR MONTH

PAGE 2 ALL HOURS & S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D B / W B	Dry Bulb	Wet Bulb	Dew Point	
18 / 17																																					56
16 / 15																																					25
14 / 13																																					13
12 / 11																																					5
10 / 9																																					4
TOTAL	2,925	2,221	0,016	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	0,011	14751	14752	14751
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum	748,7327	1013755	68,7	19,681	14751	< 0 F	< 32 F	> 67 F	> 73 F	80 F	> 93 F	Total																									
Dry Bulb	42579590	772602	52,4	11,954	14751		28,4	91,4	36,2	5,4		720,0																									
Wet Bulb	33814913	690911	46,8	9,928	14751		54,9	6,7	0			720,0																									
Dew Point	26959879	608921	41,3	11,119	14751		181,8	8				720,0																									

1210 WS FORM JUL 64 0 26-5 (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 STAC, USAF
 ASHEVILLE, N. C., 28801

PSYCHROMETRIC SUMMARY

13841 WILMINGTON OHIO/CLINTON CU AFB
 STATION STATION NAME

44-49-33-60
 YEARS

MAY
 MONTH

PAGE 1 ALL
 HOURS 1 5 1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB /WB	Dry Bulb	Wet Bulb	Dew Point	
92/ 91																																		5	5		
90/ 89																																		18	12		
88/ 87																																		62	62		
86/ 85																																		106	106		
84/ 83																																		199	199		
82/ 81																																		237	237		
80/ 79																																		301	301		
78/ 77																																		401	401		
76/ 75																																		530	530		
74/ 73																																		642	642	7	3
72/ 71																																		693	693	178	14
70/ 69																																		692	692	463	70
68/ 67																																		984	984	708	266
66/ 65																																		1232	1232	1012	361
64/ 63																																		1224	1224	1240	924
62/ 61																																		699	699	1204	1117
60/ 59																																		1038	1038	1201	1107
58/ 57																																		866	866	1190	967
56/ 55																																		880	880	1216	950
54/ 53																																		721	721	1082	887
52/ 51																																		680	680	1134	987
50/ 49																																		629	629	992	1001
48/ 47																																		480	480	886	939
46/ 45																																		429	429	745	1036
44/ 43																																		317	317	582	917
42/ 41																																		253	253	445	816
40/ 39																																		182	182	357	759
38/ 37																																		130	130	234	522
36/ 35																																		58	58	153	417
34/ 33																																		31	31	72	319
32/ 31																																		27	27	44	250
30/ 29																																		11	11	32	175
28/ 27																																		4	4	10	98
26/ 25																																					
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel Hum.						- 0 F	- 32 F	67 F	- 73 F	- 80 F	- 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 1210 WS JUL 64 0 26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

PSYCHROMETRIC SUMMARY

13841 WILMINGTON OHIO/CLINTON CU AFB 44-49,53-05 MAY
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS (R S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB/WB	Dr, Sulb Wet Bulb Dew Point		
24/ 23																																				31
22/ 21																																				18
20/ 19																																				3
TOTAL	3,922	1,117	9,954	1,219	5	7,823	2,409	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No Obs	Mean No of Hours with Temperature						Total
						- 0 F	- 32 F	- 67 F	- 73 F	- 80 F	- 93 F	
Rel Hum	79008995	1061327	69.4	18.643	15285							
Dry Bulb	60030402	943170	61.7	10.969	15287	2.0	247.8	124.6	39.1			744.0
Wet Bulb	47935845	645329	52.9	8.807	15285	4.3	60.8	3.2				744.0
Dew Point	40448945	771337	50.8	9.907	15285	31.7	17.2	1.1				744.0

1210 WS FORM 0-26-5 (OLI) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13841 STATION WILMINGTON OHIO/CLINTON CO AFB STATION NAME 44-49, 53-68 YEARS JUN MONTH

PAGE 2 ALL
 HOURS 5 41

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB /WB	Dry Bulb	Wet Bulb	Dew Point	
32/ 31																																					4
TOTAL	2,417	017	017	213	711	310	0	0	8	0	7	1	9	0	4	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14496	14490
																																			14491	14491	

FORM 1210 WS JUL 64 0-26-S (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No Obs.	Mean No of Hours with Temperature					Total	
						< 0 F	- 32 F	- 67 F	- 73 F	> 80 F	- 93 F	
Rel Hum	73276550	995446	68.7	18.572	14490							
Dry Bulb	74856119	1032929	71.2	9.801	14490			302.0	310.9	151.8	2.9	720.0
Wet Bulb	59389019	922143	63.8	6.960	14491			278.7	64.0	.5		720.0
Dew Point	51802974	858996	59.2	8.102	14490			2152.8	9.6			720.0

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13851 WILMINGTON OHIO/CLINTON OH AFB 44-45, 47-49, 53-65

JUL
 MONTH

PAGE 1 ALL
 HOURS 1 5 1

1210 WS 105 JUL 54 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB/WB	Dry Bulb	Wet Bulb	Dew Point		
102/101																																			2	2		
100/99																																			4	4		
98/97																																			6	6		
96/95																																			18	18		
94/93																																			66	66		
92/91																																			172	172		
90/89																																			329	330		
88/87																																			495	495		
86/85																																			709	709		
84/83																																			804	804		
82/81																																			859	859		
80/79																																			1058	1058	56	1
78/77																																			1053	1053	246	30
76/75																																			1285	1285	668	107
74/73																																			1277	1279	1151	494
72/71																																			1369	1377	1789	1071
70/69																																			1427	1428	2183	1660
68/67																																			1009	1009	1926	1809
66/65																																			766	766	1619	1677
64/63																																			506	506	1272	1430
62/61																																			384	384	1046	1103
60/59																																			296	296	897	899
58/57																																			171	171	603	852
56/55																																			91	91	410	866
54/53																																			41	41	24	802
52/51																																			29	29	104	609
50/49																																			11	11	46	410
48/47																																			4	4	20	255
46/45																																						
44/43																																						
42/41																																						
40/39																																						
38/37																																						
36/35																																						
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No Obs	Mean No of Hours with Temperature																																
Rel Hum						< 0 F	< 32 F	< 67 F	< 73 F	80 F	93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHBVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

12841 STATION WILMINGTON WHIO/GLINTON CO AFB 44-43, 47-49, 53-68 YEARS

JUL MONTH

PAGE 2 ALL HOURS 5-7

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB/WB	Dry Bulb	Wet Bulb	Dew Point						
TOTAL	2,0	2,0	17,5	13,7	10,7	9,5	8,5	7,5	5,9	4,2	2,3	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	14240	14240	14240	14240
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No Obs	Mean No. of Hours with Temperature				Total																																
Rel Hum	72184459	987127	69,3	18,219	14240	-0 F	-32 F	-67 F	-73 F	-80 F	-93 F	Total																														
Dry Bulb	7992253	1051043	74,4	6,172	14240	624,0	424,9	211,4	5,0	744,0																																
Wet Bulb	63812419	943555	66,7	2,700	14240	419,4	111,2	1,5	744,0																																	
Dew Point	55317349	891541	62,6	7,109	14240	255,7	28,5	.1	744,0																																	

FORM 0 26-5 (OLI), REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13841 WILMINGTON OHIO/CLINTON CO AFB
STATION STATION NAME

43-48, 47-49, 53-68
YEARS

AUG
MONTH

PAGE 1 AL
HOURS 1 5 7

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB /WB	Dry Bulb	Wet Bulb	Dew Point						
100/99																																			4	4						
98/97																																			10	10						
96/95																																			40	40						
94/93																																			84	84						
92/91																																			178	178						
90/89																																			312	312						
88/87																																			442	442						
86/85																																			592	592						
84/83																																			709	709						
82/81																																			854	854	7					
80/79																																			990	990	32	3				
78/77																																			1041	1041	282	16				
76/75																																			1184	1184	666	123				
76/73																																			1283	1283	1073	502				
72/71																																			1331	1331	1634	960				
70/69																																			1390	1390	2087	1553				
68/67																																			1636	1636	1316	1641				
68/65																																			953	953	1637	1533				
64/63																																			734	734	1441	1516				
62/61																																			570	570	1138	1303				
60/59																																			424	424	1033	1130				
58/57																																			260	260	803	1087				
56/55																																			183	183	530	983				
56/53																																			88	88	304	784				
52/51																																			63	63	159	638				
50/49																																			27	27	85	450				
48/47																																			4	4	40	296				
46/45																																			1	1	6	167				
44/43																																			3	3	1	68				
42/41																																					1	1	3	21		
40/39																																						1	1	1	9	
38/37																																								1	1	
35/35																																									1	1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No Obs	Mean No. of Hours with Temperature						Total																														
Rel. Hum						< 0 F	< 32 F	< 67 F	< 73 F	> 80 F	> 93 F																															
Dry Bulb																																										
Wet Bulb																																										
Dew Point																																										

FORM 1210 WS JUL 64 0-26.5 (OL) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

PSYCHROMETRIC SUMMARY

13841 WILMINGTON OHIO/CLINTON CO AFB 43=45,47=49,53=68
STATION STATION NAME YEARS

AUG
MONTH

PAGE 2 ALL
HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9	10	11	12-13	14	15	16	17-18	19	20	21	22	23	24	25	26	27	28	29	30	> 31	D B / W B	Dry Bulb	Wet Bulb	Dew Point						
TOTAL	2,319	440	212	50	10	0	9	0	2	5	3	5	1	3	7	4	1	1	1	0		14800	14802	14800	14799											

1210 WS FORM JUL 64 0-26.5 (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Rel Hum	78803500	1046922	70.7	17.900	14799							
Dry Bulb	80682593	1088143	73.6	8.738	14802			377.4	388.5	189.8	6.9	744.0
Wet Bulb	68085849	977235	66.0	6.150	14800			383.0	104.7	1.3		744.0
Dew Point	57918492	919774	62.2	7.128	14799			241.3	32.4			744.0

DATA PROCESSING DIVISION
 BTAC, USAF
 ASHBVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13841 WILMINGTON OHIO/CLINTON CU AFB 43-49, 53-68 SEP
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS (S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL DB/WB	TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	Dry Bulb	Wet Bulb	Dew Point	
98/97																																			4	4	
96/95																																			26	26	
94/93																																			27	27	
92/91																																			36	36	
90/89																																			100	100	
88/87																																			191	191	
86/85																																			281	281	2
84/83																																			340	340	1
82/81																																			402	402	2
80/79																																			548	548	5
78/77																																			582	582	18
76/75																																			719	719	6
74/73																																			803	803	47
72/71																																			1049	1049	194
70/69																																			1227	1227	362
68/67																																			1153	1153	901
66/65																																			1106	1106	1015
64/63																																			991	992	946
62/61																																			970	971	993
60/59																																			954	954	986
58/57																																			742	743	1072
56/55																																			714	717	1112
54/53																																			530	534	1028
52/51																																			469	470	940
50/49																																			343	343	1007
48/47																																			239	239	995
46/45																																			209	209	935
44/43																																			112	112	712
42/41																																			90	90	536
40/39																																			52	52	430
38/37																																			10	16	301
36/35																																			9	9	182
34/33																																			1	1	71
32/31																																					35
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						$\leq 0 F$	$- 32 F$	$- 67 F$	$- 73 F$	$- 80 F$	$- 93 F$	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 1210 WS JUL 64 0-26.5 (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13841 WILMINGTON OHIO/CLINTON CO AFB 43-49,53-63 SEP
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL
 HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3-4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D B / W B	Dry Bulb	Wet Bulb	Dew Point			
30/ 29																																			12	
28/ 27																																			3	
26/ 25																																			1	
TOTAL	3,620	918	414	210	118	7	8.7	7.0	6.2	4.1	2.9	1.6	.9	.6	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15032		
																																			15032	

Element (X)	ΣX^2	ΣX	\bar{X}	S_x	No. Obs	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	< 67 F	> 73 F	> 81 F	> 93 F	
Rel. Hum	78358155	1046391	69.6	19.158	15032							
Dry Bulb	67667260	996494	66.2	10.321	15032			358.2	174.1	81.2	2.7	720.0
Wet Bulb	53914712	892034	59.3	8.072	15032			157.3	23.3	.3		720.0
Dew Point	46350677	823039	54.8	9.247	15032		2.4	82.3	3.0	.1		720.0

FORM 84 0-26-S (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 1210 WS

DATA PROCESSING DIVISION
 RTAC, USAF
 ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13841 WILMINGTON OHIO/CLINTON CU AFB 43-48,53-68 UCT
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS R 5 T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL DB/WB	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18	19	20-21	22	23	24-25	26-27	28	29	30	31	Dry Bulb	Wet Bulb	Dew Point																
88/87																																			6	6				
86/85																																				27	27			
84/83																																					36	36		
82/81																																					82	82		
80/79																																					167	167		
78/77																																					198	198		
76/75																																					260	260	7	
74/73																																					297	297	18	0
72/71																																					351	351	41	20
70/69																																					516	516	103	56
68/67																																					604	604	215	96
66/65																																					617	617	311	177
64/63																																					649	649	450	213
62/61																																					815	815	639	257
60/59																																					1006	1006	802	425
58/57																																					891	892	867	620
56/55																																					920	920	944	666
54/53																																					916	916	954	709
52/51																																					932	932	1114	576
50/49																																					964	964	1149	794
48/47																																					914	914	1240	851
46/45																																					824	824	1275	1065
44/43																																					712	712	1104	1246
42/41																																					595	595	1028	1210
40/39																																					534	534	768	1109
38/37																																					365	366	625	1025
36/35																																					276	276	490	947
34/33																																					180	180	305	833
32/31																																					98	98	206	692
30/29																																					33	34	113	461
28/27																																					19	19	36	276
26/25																																					15	15	24	195
24/23																																					2	2	8	101
22/21																																					3	3	3	53
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No Obs		Mean No. of Hours with Temperature							Total																									
Rel Hum.								< 0 F	< 32 F	< 67 F	> 73 F	> 80 F	> 93 F	Total																										
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

FORM 1210 WS JUL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C., 28801

PSYCHROMETRIC SUMMARY

13841 STATION WILMINGTON OHIO/CLINTON CO AFB 43-48, 53-68 YEARS OCT MONTH

PAGE 2 ALL
HOURS (LST)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	> 31	D B / W B	Dry Bulb	Wet Bulb	Dew Point			
20/ 19																																					3	20	
18/ 17																																					8	18	
16/ 15																																					8	16	
14/ 13																																					9	14	
10/ 9																																					1	10	
TOTAL	4,585	1,180	714	710	8	8	3	5	9	4	4	2	6	1	4	9	4	2	1	0															1,484	1,484	5	10	
																																				1,484	1,484		

FORM 1210 W-5 JUL 64 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs	Mean No. of Hours with Temperature						Total
						- 0 F	- 32 F	- 67 F	- 73 F	- 80 F	- 93 F	
Rel Hum	77257546	1082794	69.6	19.081	14845							
Dry Bulb	46777602	816076	55.0	11.376	14847		9.6	127.5	53.8	11.0		744.0
Wet Bulb	37202086	730968	49.2	9.048	14845		19.7	19.2	1.2			744.0
Dew Point	30229538	653222	44.0	9.975	14845		91.6	8.9	1.2			744.0

ATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13841 WILMINGTON W-10/CLINTON CO AFB 43-48, 53-68 NOV
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS R S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB/WB	Dry Bulb	Wet Bulb	Dew Point			
78/77							0	0	0	0																							7	7			
76/75							0	0	0	0																							13	13			
74/73							0	0	0	0																							21	21			
72/71							0	0	0	0																							53	53			
70/69					0	0	0	0	0	0																							74	74	5		
68/67					0	0	0	0	0	0																								124	124	6	2
66/65					0	0	0	0	0	0																								177	177	34	13
64/63					0	0	0	0	0	0																								253	253	78	47
62/61					0	0	0	0	0	0																								312	312	120	39
60/59					0	0	0	0	0	0																								418	418	210	94
58/57					0	0	0	0	0	0																								495	495	294	219
56/55					0	0	0	0	0	0																								539	539	480	274
54/53					0	0	0	0	0	0																								624	624	455	343
52/51					0	0	0	0	0	0																								634	634	560	358
50/49					0	0	0	0	0	0																								744	744	625	399
48/47					0	0	0	0	0	0																								795	795	690	471
46/45					0	0	0	0	0	0																								869	869	877	582
44/43					0	0	0	0	0	0																								834	834	916	607
42/41					0	0	0	0	0	0																								777	777	840	752
40/39					0	0	0	0	0	0																								974	974	948	756
38/37					0	0	0	0	0	0																								1014	1014	1014	789
36/35					0	0	0	0	0	0																								1124	1124	1198	1030
34/33					0	0	0	0	0	0																								949	949	1200	1036
32/31					0	0	0	0	0	0																								766	766	1218	1127
30/29					0	0	0	0	0	0																								684	684	864	1154
28/27					0	0	0	0	0	0																								458	458	690	879
26/25					0	0	0	0	0	0																								343	343	506	992
24/23					0	0	0	0	0	0																								235	235	305	767
22/21					0	0	0	0	0	0																								167	167	254	585
20/19					0	0	0	0	0	0																								106	106	177	407
18/17					0	0	0	0	0	0																								27	27	55	353
16/15					0	0	0	0	0	0																								31	31	29	237
14/13					0	0	0	0	0	0																								40	40	43	130
12/11					0	0	0	0	0	0																								24	24	35	94
Element (X)	Σ X ²		Σ X		X̄		σ _x		No Obs		Mean No of Hours with Temperature							Total																			
Rel. Hum.											< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total																				
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

1210 WS FORM 64 JUL 64 0-26.5 (1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAG, USAF
 ASHEVILLE, N. C. 28901

PSYCHROMETRIC SUMMARY

19841 WILMINGTON OHIO/CLINTON CU AFB 43-48,53-68 NDV
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL
 HOURS IN SET

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL DB/WB	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23	24-25	26-27	28-29	30	31	Dry Bulb	Wet Bulb	Dew Point															
10/9	0	1																															11	11	16	52	
8/7	0	0																																9	9	9	31
6/5	0																																	4	4	7	25
4/3	0																																	3	3	3	34
2/1	0																																	4	4	4	16
0/1	0																																	1	1	1	8
2/3	0																																	1	1	1	7
4/3	0																																	1	1	1	3
8/9	0																																	1	1	1	2
TOTAL	9, 2, 38, 52, 4, 13, 3, 7, 0, 4, 7, 2, 2, .8, .2, .1																															14719	14721	14718			

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						< 0 F	< 32 F	< 67 F	> 73 F	> 80 F	> 93 F	Total
Rel. Hum.	85644901	1097435	74.6	16.100	14718							
Dry Bulb	28822992	625136	42.5	11.587	14721	.1	142.7	14.3	2.0			720.0
Wet Bulb	25897912	573040	38.9	10.223	14719	.1	208.3	.5				720.0
Dew Point	16171868	504860	34.3	11.223	14718	1.0	337.9	.1				720.0

FORM 1210 WS JUL 64 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

12841 WILMINGTON OHIO/CLINTON CO APB

43-48, 53-67

YEARS

DEC
 MONTH

PAGE 1 ALL
 HOURS (S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D B / W B	Dry Bulb	Wet Bulb	Dew Point		
70/69					0					0																									3	3		
68/67					0					0																									6	6		
66/65					0					0																									9	9		1
64/63					0					0																									47	47	6	5
62/61					0					0																									55	55	25	17
60/59					0					0																								103	103	46	18	
58/57					0					0																								155	155	70	38	
56/55					0					0																								208	208	121	116	
54/53					0					0																								254	254	163	104	
52/51					0					0																								240	240	221	167	
50/49					0					0																								320	320	230	208	
48/47					0					0																								378	378	289	210	
46/45					0					0																								443	443	355	250	
44/43					0					0																								498	498	375	237	
42/41					0					0																								567	567	493	321	
40/39					0					0																								586	586	576	369	
38/37					0					0																								725	725	660	425	
36/35					0					0																								967	967	826	549	
34/33					0					0																								1075	1075	946	724	
32/31					0					0																								1175	1176	1260	950	
30/29					0					0																								1158	1160	1220	968	
28/27					0					0																								972	973	1250	912	
26/25					0					0																								872	873	990	1084	
24/23					0					0																								683	683	863	1079	
22/21					0					0																								595	595	672	1015	
20/19					0					0																								536	536	616	713	
18/17					0					0																								436	437	551	741	
16/15					0					0																								334	334	396	571	
14/13					0					0																								238	238	292	540	
12/11					0					0																								200	200	226	459	
10/9					0					0																								185	185	221	300	
8/7					0					0																								112	119	148	325	
6/5					0					0																								81	81	91	223	
Element (X)	Σ x ²		Σ x		x̄		σ _x		No Obs		Mean No. of Hours with Temperature							Total																				
Rel. Hum											- 0 F	- 32 F	- 67 F	- 73 F	- 80 F	- 93 F																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

1210 WS FORM JUL 64 0-26-S (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAC, USAF
 ASREVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13841 WILMINGTON OHIO/CLINTON CO AFB 43-48, 53-67
 STATION STATION NAME YEARS

DEC
 MONTH

PAGE 2 ALL
 HOURS & 5 TT

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB /WB	Dry Bulb	Wet Bulb	Dew Point	
2/-	1	2	1																															52	52	59	184
0/-	1	2	1																														46	46	41	132	
2/-	3	1	1																														37	37	40	68	
4/-	3	1	0																														13	13	19	65	
6/-	7	0	0																														6	6	10	30	
8/-	9	0																															1	1	1	38	
10/-	11																																		17		
12/-	13																																		17		
14/-	15																																		6		
16/-	17																																		2		
18/-	19																																		4		
20/-	21																																		4		
22/-	23																																		2		
24/-	25																																		2		
26/-	27																																		1		
TOTAL	15,853	6,201	6,612	2,510	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	

FORM 1210 WS JUL 64 0-26.5 (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No Obs	Mean No. of Hours with Temperature						
						< 0 F	< 32 F	> 67 F	< 73 F	> 80 F	> 93 F	Total
Rel Hum.	90460009	1128079	77.8	12.320	14492							744.0
Dry Bulb	16852877	461465	31.9	12.220	14492	5.4	403.9		5			744.0
Wet Bulb	14691682	430872	29.7	11.489	14492	5.7	466.7					744.0
Dew Point	11669965	367425	25.4	12.747	14492	20.8	551.0					744.0

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13841 WILMINGTON OHIO/CLINTON CG AFB 43-49, 53-68 ALL
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS (S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D B / W B	TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	Dry Bulb	Wet Bulb	Dew Point			
34/33	4	1	0	1	2	0																												5575	5590	5962	6118		
32/31	5	1	7	1	1	1	0																											5477	5482	6734	6853		
30/29	3	1	7	1	1	1	0	0																										4930	4939	5807	6363		
28/27	2	1	5	1	1	1	0	0																										3935	3970	5104	5364		
26/25	2	1	4	1	1	1	0																											3401	3509	4243	5875		
24/23	2	1	1	1	1	1	0																											2036	2662	3262	5045		
22/21	2	1	0	1	1	1	0																											2261	2268	2857	4433		
20/19	2	1	0	1	1	1	0																											1907	1924	2356	3295		
18/17	1	1	7	1	1	1																												1511	1519	1920	3207		
16/15	1	1	0	1	1	1																												1273	1286	1579	2469		
14/13	1	1	0	1	1	1																												973	979	1187	2026		
12/11	1	1	0	1	1	1																												857	864	950	1657		
10/9	1	1	0	1	1	1																												692	699	869	1243		
8/7	1	1	0	1	1	1																												502	508	579	1154		
6/5	1	1	0	1	1	1																												420	434	474	982		
4/3	1	1	0	1	1	1																												312	325	363	668		
2/1	1	1	0	1	1	1																												233	225	258	671		
0/-	1	1	0	1	1	1																												184	188	200	533		
2/3	0	0	0	0	0	0																												129	131	142	360		
4/5	0	0	0	0	0	0																												73	81	84	358		
6/7	0	0	0	0	0	0																												37	37	53	233		
8/9	0	0	0	0	0	0																												12	13	16	200		
10/11	0	0	0	0	0	0																												6	6	6	124		
12/13	0	0	0	0	0	0																												2	2	3	99		
14/15	0	0	0	0	0	0																												3	3	3	43		
16/17	0	0	0	0	0	0																												4	4	3	49		
18/19																																					1	27	
20/21																																					18		
22/23																																					0		
24/25																																					7		
26/27																																					4		
28/29																																					1		
30/31																																					4		
32/33																																					4		
34/35																																					2		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No Obs	Mean No. of Hours with Temperature																																	
Rel Hum						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total																											
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

FORM 1210 WS JUL 64 0-26-S (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13841 WILMINGTON OHIO/CLINTON CU AFB 42-49, 53-68 ALL
STATION STATION NAME YEARS MONTH

PAGE 3 ALL
HOURS (R S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB/WB	Dry Bulb	Wet Bulb	Dew Point	
TOTAL	7	13	19	19	7	12	4	8	3	6	4	4	8	3	7	2	9	1	7	1	8	1	4	1	2	1	0	1	0	1	0	1	0	1	174637	174414	
																																			174416	174416	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel Hum	956649807	12547999	71.9	17.579	174413	< 0 F	- 32 F	> 67 F	- 73 F	- 80 F	- 93 F	Total																									
Dry Bulb	353103972	9201784	52.7	19.770	174637	24	10643	72564	81245	8	689	8	17.4	8760.0																							
Wet Bulb	448353338	8307320	47.6	17.046	174416	23	35997	41323	9	207	9	3.5	8760.0																								
Dew Point	377454849	7688135	42.9	17.913	174414	107	82725	5	769	2	73	9	3	8760.0																							

FORM 0 26-5 (OLI) JUL 64 1210 WS REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13841 WILMINGTON OHIO/CLINTON CO AFB 43-49,53-68

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	26.7	28.8	37.0	47.6	55.7	64.8	68.1	67.0	60.3	49.5	39.6	30.0	48.0
	S D	12.467	11.954	11.820	10.151	8.715	6.660	5.043	5.612	8.110	9.039	10.634	12.024	17.476
	TOTAL OBS	1671	1448	1720	1712	1782	1682	1573	1642	1688	1632	1678	1673	19921
03-05	MEAN	25.8	27.7	35.4	45.6	53.4	62.3	65.8	65.0	58.3	47.7	38.2	29.3	46.4
	S D	12.608	12.120	12.201	10.538	9.067	6.960	5.320	5.922	8.414	9.344	10.701	12.180	17.213
	TOTAL OBS	1578	1368	1682	1623	1697	1620	1513	1580	1628	1596	1617	1583	19029
06-08	MEAN	25.1	26.8	35.1	46.3	55.9	65.6	68.5	66.9	59.3	47.9	37.7	28.5	47.3
	S D	12.978	12.345	12.303	10.642	9.226	7.469	5.642	6.472	8.492	9.378	10.697	12.380	18.408
	TOTAL OBS	1570	1448	1724	1712	1781	1679	1653	1730	1744	1717	1708	1676	20248
09-11	MEAN	27.7	30.3	40.5	52.3	62.6	73.7	76.7	75.7	68.7	56.9	42.9	31.3	53.7
	S D	12.268	11.987	12.553	11.118	9.708	7.971	5.986	6.778	8.369	10.011	10.959	12.123	20.313
	TOTAL OBS	1872	1630	1923	1908	1966	1832	1839	1929	1927	1910	1908	1876	22342
12-14	MEAN	31.9	35.1	45.3	58.2	68.2	78.3	81.2	80.6	74.3	62.9	47.9	35.6	58.6
	S D	11.740	12.189	13.141	11.829	10.130	7.999	6.347	6.806	8.878	10.841	11.685	11.921	20.593
	TOTAL OBS	1881	1638	1934	1913	1974	1857	1873	1941	1947	1928	1916	1886	22688
15-17	MEAN	32.7	36.4	46.7	59.5	69.4	79.1	82.1	81.5	74.9	63.4	47.9	35.9	59.5
	S D	11.793	12.067	13.221	11.712	10.196	7.850	6.193	6.639	9.037	10.714	11.572	11.749	20.588
	TOTAL OBS	1933	1688	1988	1963	2034	1937	1931	2028	2046	2018	1967	1938	23471
18-20	MEAN	29.3	32.8	42.8	55.4	65.4	74.9	80.1	76.4	68.4	56.3	43.1	32.3	55.0
	S D	12.008	11.724	12.132	10.744	9.480	7.441	5.732	6.389	8.553	9.328	10.677	11.527	19.842
	TOTAL OBS	1933	1686	1989	1961	2031	1951	1931	1980	2043	2019	1967	1933	23433
21-23	MEAN	27.6	30.2	39.2	50.6	59.4	68.3	71.4	69.8	62.6	51.9	40.8	30.7	50.6
	S D	12.304	11.714	11.561	9.930	8.682	6.559	4.761	5.872	7.930	8.858	10.718	11.766	18.112
	TOTAL OBS	1929	1678	1979	1943	2022	1936	1913	1966	2023	2003	1960	1926	23290
ALL HOURS	MEAN	28.5	31.2	40.5	52.4	61.7	71.2	74.4	73.3	66.7	55.0	42.5	31.8	52.7
	S D	12.550	12.450	13.046	11.954	10.969	9.501	8.173	8.738	10.511	11.378	11.587	12.220	19.770
	TOTAL OBS	14319	12877	14891	14732	15287	14496	14252	14802	15043	14847	14721	14498	174637

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12841 WILMINGTON UNID/CLINTON CO AFB 43-49, 53-68
 STATION STATION NAME YEARS

HRS (1 ST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	25.3	27.3	34.6	44.1	52.3	61.1	69.3	63.8	56.8	46.4	37.1	28.4	45.2
	S D	12.20	11.58	11.07	9.50	8.55	6.72	5.51	5.82	7.95	8.66	10.08	11.52	16.64
	TOTAL OBS	1670	1463	1717	1712	1781	1681	1572	1642	1688	1657	1678	1672	19900
03-05	MEAN	24.6	26.4	33.4	42.8	50.8	59.7	63.0	62.7	55.7	45.2	36.1	27.7	44.2
	S D	12.33	11.57	11.32	9.97	8.97	7.02	5.88	6.11	8.30	9.02	10.08	11.70	16.63
	TOTAL OBS	1372	1349	1620	1623	1697	1620	1517	1580	1622	1596	1617	1583	19003
06-08	MEAN	23.9	25.7	33.2	43.3	52.3	61.5	64.5	63.7	56.3	45.4	35.7	27.1	44.7
	S D	12.66	11.85	11.61	9.99	8.83	6.99	5.73	6.24	8.19	8.99	10.16	11.95	17.37
	TOTAL OBS	1667	1480	1713	1712	1781	1679	1652	1736	1741	1717	1708	1679	20212
09-11	MEAN	26.0	28.3	37.0	47.4	56.3	64.8	67.8	67.2	60.8	50.6	39.4	29.3	48.2
	S D	11.83	11.18	11.21	9.72	8.49	6.70	5.36	5.81	7.37	8.36	9.23	11.50	17.49
	TOTAL OBS	1872	1610	1922	1900	1965	1832	1859	1929	1927	1910	1908	1876	22515
12-14	MEAN	29.3	31.8	40.1	50.0	58.4	66.2	69.1	68.4	62.5	53.1	42.3	32.3	50.6
	S D	10.99	10.69	10.96	9.37	8.14	6.81	5.29	5.70	7.19	8.27	9.24	10.83	16.66
	TOTAL OBS	1881	1615	1931	1915	1974	1857	1872	1941	1947	1926	1916	1826	22662
15-17	MEAN	29.9	32.9	40.9	50.6	58.8	66.4	69.2	68.5	62.6	53.4	42.3	32.7	51.0
	S D	11.01	10.56	10.71	9.19	7.90	6.17	4.94	5.40	7.17	8.16	9.85	10.58	16.40
	TOTAL OBS	1935	1668	1986	1962	2034	1937	1930	2028	2046	2018	1947	1938	23448
18-20	MEAN	27.3	30.4	38.6	48.9	57.4	65.4	68.3	67.5	60.6	50.3	39.6	30.3	49.0
	S D	11.58	10.87	10.63	9.12	7.89	6.05	4.88	5.42	7.40	8.31	9.86	10.89	16.52
	TOTAL OBS	1934	1668	1989	1964	2031	1932	1931	1979	2042	2019	1987	1935	23417
21-23	MEAN	26.0	28.4	36.2	46.3	54.6	62.0	65.0	65.2	58.0	47.8	37.9	28.3	46.8
	S D	12.12	11.27	10.64	9.13	8.08	6.30	5.10	5.71	7.72	8.46	9.99	11.25	16.79
	TOTAL OBS	1927	1660	1979	1955	2022	1933	1911	1965	2013	2002	1960	1926	23239
ALL HOURS	MEAN	26.6	29.1	36.9	46.8	55.3	63.6	66.7	66.0	59.3	49.2	38.9	29.7	47.6
	S D	11.99	11.41	11.26	9.92	8.80	6.96	5.76	6.13	8.07	9.04	10.25	11.42	17.04
	TOTAL OBS	14460	12433	14858	14751	15285	14491	14240	14800	15022	14845	14719	14492	174416

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28901

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12041 WILMINGTON OHIO/CLINTON CU AFB 43-49,53-68
 STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	21.1	23.1	30.6	40.3	49.5	58.7	62.1	61.9	54.4	43.3	33.6	24.5	42.0
	S D	14.332	13.017	12.157	10.528	9.629	7.681	6.617	6.552	8.815	9.591	10.984	12.928	17.943
	TOTAL OBS	1670	1433	1717	1712	1781	1681	1572	1642	1688	1657	1678	1672	19900
03-05	MEAN	20.6	22.5	29.8	39.4	48.5	57.8	61.3	61.2	53.7	42.6	32.9	24.1	41.4
	S D	14.516	13.351	12.612	10.855	9.862	7.718	6.690	6.697	8.947	9.746	10.951	13.081	17.985
	TOTAL OBS	1575	1349	1629	1623	1697	1620	1512	1880	1622	1598	1616	1583	19002
06-08	MEAN	20.0	21.9	29.6	39.7	49.3	58.9	62.3	61.9	54.1	42.8	32.7	23.5	41.7
	S D	14.764	13.553	12.657	11.022	9.874	7.812	6.644	6.816	8.869	9.699	11.081	13.354	18.506
	TOTAL OBS	1667	1431	1712	1712	1781	1679	1532	1735	1741	1717	1708	1676	20212
09-11	MEAN	21.5	23.5	31.8	41.3	50.8	59.6	63.2	62.7	55.7	44.9	34.8	25.0	42.2
	S D	13.837	12.905	12.402	11.432	10.317	8.233	7.273	7.266	9.020	9.737	11.101	13.005	18.273
	TOTAL OBS	1874	1610	1922	1908	1965	1832	1854	1929	1927	1910	1908	1876	22318
12-14	MEAN	23.6	25.7	33.3	42.1	51.2	59.5	62.8	62.0	55.0	44.7	35.6	27.0	43.8
	S D	13.121	12.339	12.096	11.082	10.264	8.639	7.705	7.731	9.770	10.811	11.456	12.278	17.471
	TOTAL OBS	1881	1615	1931	1915	1974	1857	1818	1941	1947	1926	1916	1886	22662
15-17	MEAN	24.0	26.5	33.7	42.3	51.3	59.2	62.9	61.7	54.6	44.8	35.6	27.2	43.9
	S D	13.186	12.264	11.872	11.441	10.152	8.657	7.603	7.718	10.006	10.393	11.507	12.031	17.213
	TOTAL OBS	1935	1668	1988	1962	2034	1936	1920	2028	2048	2018	1967	1938	23448
18-20	MEAN	22.3	25.4	33.0	42.6	51.6	59.7	63.2	62.8	55.4	44.7	34.6	25.9	43.1
	S D	13.889	12.617	11.851	10.972	9.953	8.104	7.210	7.190	9.250	10.049	11.167	12.338	17.796
	TOTAL OBS	1933	1668	1989	1964	2031	1932	1921	1979	2045	2019	1957	1935	23413
21-23	MEAN	21.4	24.0	31.8	41.8	50.9	59.6	63.1	62.6	54.8	43.7	33.9	24.9	42.0
	S D	14.260	12.900	11.744	10.418	9.440	7.556	6.614	6.714	8.913	9.820	11.071	12.627	18.012
	TOTAL OBS	1927	1660	1979	1955	2024	1933	1971	1915	2019	2002	1960	1926	23259
ALL HOURS	MEAN	21.9	24.2	31.8	41.3	50.5	59.2	62.6	62.7	54.8	44.0	34.3	25.4	42.9
	S D	14.080	12.934	12.243	11.119	9.487	8.102	7.109	7.118	9.247	9.975	11.223	12.747	17.913
	TOTAL OBS	14660	12484	14868	14751	15285	14490	14240	14799	15032	14843	14718	14492	174414

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

13841
 STATION

WILMINGTON OHIO/CLINTON CD AFB
 STATION NAME

44-49,54-68

PERIOD

JAN
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100,0	100,0	99,8	98,6	98,0	92,0	78,6	52,0	22,0	79,8	1670
	03-05	100,0	100,0	99,9	99,6	98,2	93,6	80,4	55,7	23,8	80,7	1575
	06-08	100,0	99,9	99,8	99,5	98,4	94,2	81,5	56,0	24,8	81,1	1667
	09-11	100,0	99,9	99,9	99,7	97,6	89,1	71,4	46,3	21,4	78,2	1872
	12-14	100,0	100,0	99,9	98,6	91,4	75,9	53,0	33,8	16,1	72,4	1881
	15-17	100,0	100,0	99,9	98,5	90,3	70,9	49,0	32,5	15,6	71,3	1935
	18-20	100,0	100,0	99,9	99,5	96,4	85,3	64,5	38,5	17,1	75,8	1933
	21-23	100,0	100,0	100,0	99,7	97,8	89,9	71,8	43,6	19,1	77,9	1927
TOTALS		100,0	100,0	99,9	99,3	95,9	86,0	68,1	44,3	19,8	76,9	14460

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-45, 47-49, 54-58
 PERIOD

FEB
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.7	98.9	99.3	77.3	48.5	18.4	79.1	1433
	03-05	100.0	100.0	99.9	99.5	98.5	94.2	80.4	54.7	20.1	80.4	1349
	06-08	100.0	100.0	100.0	99.7	98.7	95.5	83.4	57.6	22.7	81.3	1430
	09-11	100.0	100.0	99.9	99.1	95.9	86.0	65.3	40.2	17.5	76.0	1610
	12-14	100.0	100.0	99.5	96.3	87.1	68.0	47.9	29.0	13.7	69.8	1615
	15-17	100.0	100.0	99.6	95.1	83.6	63.4	45.0	29.2	14.8	68.6	1668
	18-20	100.0	100.0	100.0	99.9	95.7	82.2	60.2	36.5	17.1	74.6	1668
	21-23	100.0	100.0	100.0	99.4	97.9	90.8	70.9	43.4	19.0	77.6	1660
TOTALS		100.0	100.0	99.9	98.4	94.3	83.6	65.5	41.7	17.8	75.7	12433

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C., 28801

RELATIVE HUMIDITY

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-49-53-88
 PERIOD

MAR
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.9	99.4	97.6	89.8	72.6	47.4	21.5	78.3	1717
	03-05	100.0	100.0	100.0	99.9	98.3	93.4	78.6	53.6	24.1	80.3	1629
	06-08	100.0	100.0	100.0	100.0	98.8	93.8	79.5	56.8	23.1	80.7	1715
	09-11	100.0	100.0	99.8	97.7	90.4	74.7	56.0	30.1	16.6	72.5	1922
	12-14	100.0	99.9	98.2	90.8	76.0	56.7	39.0	25.6	11.3	65.2	1931
	15-17	100.0	99.6	96.0	87.1	70.9	54.2	40.5	25.3	10.5	63.9	1986
	18-20	100.0	99.9	99.2	95.6	85.5	70.4	50.0	31.3	13.6	70.2	1989
	21-23	100.0	100.0	99.8	98.9	94.9	84.0	65.3	40.7	16.6	75.7	1979
TOTALS		100.0	99.9	99.1	96.0	88.5	76.3	59.3	38.9	16.9	73.0	14868

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C., 28801

RELATIVE HUMIDITY

13841 WILMINGTON OHIO/CLINTON CO AFB 44-49,53-68 APR
 STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100,0	100,0	100,0	99,9	97,1	87,1	66,4	42,7	19,7	76,9	1712
	03-05	100,0	100,0	100,0	100,0	98,9	92,4	74,2	51,8	25,9	79,8	1623
	06-08	100,0	100,0	100,0	99,9	97,8	88,8	71,4	48,4	22,2	78,4	1712
	09-11	100,0	99,9	99,3	93,0	77,9	59,2	38,5	24,2	10,4	65,9	1908
	12-14	100,0	99,6	95,2	79,4	59,1	40,7	28,6	18,3	7,8	58,3	1915
	15-17	100,0	99,4	92,5	73,8	58,3	38,5	27,3	16,4	6,1	56,4	1962
	18-20	100,0	99,8	98,1	90,6	73,5	55,4	38,8	24,9	9,8	64,6	1964
	21-23	100,0	100,0	100,0	98,9	93,2	77,1	56,8	35,2	14,9	73,3	1955
	TOTALS	100,0	99,9	95,0	91,5	80,9	66,3	49,2	31,9	14,2	68,7	14751

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C., 28801

RELATIVE HUMIDITY

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-49,53-68

PERIOD

MAY
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100,0	100,0	100,0	99,9	98,9	92,9	77,4	52,2	25,2	80,4	1781
	03-05	100,0	100,0	100,0	99,9	99,6	97,3	86,6	69,0	33,4	84,0	1697
	06-08	100,0	100,0	100,0	100,0	98,1	90,1	73,9	51,0	23,5	79,5	1701
	09-11	100,0	100,0	99,6	93,7	78,8	56,8	36,3	21,3	8,1	65,1	1965
	12-14	100,0	99,9	96,3	82,4	59,4	37,4	23,2	12,2	4,1	57,1	1974
	15-17	100,0	99,9	93,6	76,1	55,2	34,4	22,8	13,5	4,8	55,6	2034
	18-20	100,0	100,0	98,2	88,7	73,1	54,3	36,4	20,9	6,7	63,6	2031
	21-23	100,0	100,0	100,0	99,7	94,0	81,1	60,8	38,8	15,3	74,8	2022
TOTALS		100,0	100,0	98,4	92,2	81,3	66,8	50,8	33,4	14,5	69,4	15289

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

13841
 STATION

WILMINGTON OHIO/CLINTON CD AFB
 STATION NAME

44-49,53-68
 PERIOD

JUN
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100,0	100,0	100,0	100,0	99,9	94,8	81,9	57,6	23,0	81,3	1681
	03-05	100,0	100,0	100,0	100,0	100,0	99,1	91,0	72,4	32,0	85,2	1620
	06-08	100,0	100,0	100,0	99,9	98,8	93,4	77,4	51,6	19,0	79,7	1679
	09-11	100,0	100,0	99,4	94,4	80,0	56,2	32,4	14,0	3,9	63,6	1822
	12-14	100,0	100,0	96,8	81,7	55,6	31,4	15,5	6,8	1,8	54,5	1857
	15-17	100,0	100,0	93,8	74,8	49,2	29,2	15,8	8,5	2,6	52,9	1836
	18-20	100,0	100,0	98,6	89,3	71,2	50,6	32,1	17,2	6,0	62,0	1952
	21-23	100,0	100,0	100,0	99,7	96,5	84,8	63,7	39,9	13,3	75,4	1933
TOTALS		100,0	100,0	98,5	92,1	80,5	66,1	49,7	32,2	12,1	68,7	14490

DATA PROCESSING DIVISION

0417

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

12841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

44-45, 47-49, 53-68
 PERIOD

JUL
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
JUL	00-02	100,0	100,0	100,0	99,9	99,5	96,1	83,4	60,8	21,0	81,7	1572	
	03-05	100,0	100,0	100,0	99,9	99,8	96,6	92,9	73,7	32,0	85,6	1512	
	06-08	100,0	100,0	100,0	99,9	98,5	94,4	81,2	58,7	21,2	81,1	1652	
	09-11	100,0	100,0	99,4	95,2	81,7	59,5	35,9	13,6	4,3	64,8	1859	
	12-14	100,0	99,9	97,2	83,6	57,8	33,2	16,2	8,2	3,6	53,6	1873	
	15-17	100,0	99,7	96,3	77,9	51,8	29,9	17,1	8,9	3,2	53,9	1930	
	18-20	100,0	99,9	99,1	90,6	74,0	51,3	32,1	18,0	5,3	62,5	1931	
	21-23	100,0	100,0	100,0	99,5	97,1	87,1	67,5	42,6	12,7	76,3	1911	
TOTALS		100,0	99,9	98,9	92,9	81,4	66,6	51,0	33,9	12,1	69,3	14240	

DATA PROCESSING DIVISION
 ETAC, USAP
 ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

19841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-45,47-49,53-68
 PERIOD

AUG
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS ILST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100,0	100,0	100,0	100,0	99,9	98,9	91,0	69,4	24,3	84,3	1642
	03-05	100,0	100,0	100,0	100,0	100,0	99,5	95,9	82,7	38,3	87,8	1580
	06-08	100,0	100,0	100,0	100,0	99,9	98,1	89,3	70,0	28,0	84,6	1733
	09-11	100,0	100,0	99,8	97,8	86,3	61,7	35,7	15,6	3,4	65,5	1929
	12-14	100,0	99,9	98,2	86,7	58,4	31,5	13,8	5,3	1,4	53,0	1941
	15-17	100,0	99,7	97,1	79,8	50,2	27,6	13,7	6,5	1,9	53,1	2028
	18-20	100,0	100,0	99,6	93,0	30,5	58,8	35,7	10,1	4,1	64,5	1979
	21-23	100,0	100,0	100,0	98,9	99,0	93,7	77,4	47,7	12,0	78,6	1963
TOTALS		100,0	100,0	99,3	94,5	83,2	69,4	54,2	36,9	13,1	70,7	14799

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C., 28801

RELATIVE HUMIDITY

13841
 STATION

WILMINGTON OHIO/CLINTON CD AFB
 STATION NAME

43-49, 53-68
 PERIOD

SEP
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100,0	100,0	100,0	99,8	98,9	95,3	82,4	57,1	22,9	81,5	1685
	03-05	100,0	100,0	100,0	99,9	99,7	97,8	92,0	72,5	32,7	85,4	1622
	06-08	100,0	100,0	99,9	99,9	99,2	96,6	86,7	65,2	28,5	83,6	1741
	09-11	100,0	99,9	99,3	94,8	81,1	58,4	36,0	19,3	2,1	65,1	1927
	12-14	100,0	99,9	94,2	76,6	52,3	28,4	15,6	8,6	2,1	53,4	1647
	15-17	100,0	99,4	90,8	70,8	47,1	28,1	16,6	10,2	3,8	52,2	2046
	18-20	100,0	100,0	99,0	93,2	80,1	60,0	37,5	20,5	7,2	65,4	2045
	21-23	100,0	100,0	100,0	99,3	97,3	88,8	70,3	41,2	14,0	76,8	2019
TOTALS		100,0	99,8	97,8	91,3	80,9	67,5	52,6	35,1	14,0	69,6	15032

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-48,53-68
 PERIOD

OCT
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100,0	100,0	100,0	99,8	98,4	91,9	77,4	49,7	22,2	79,7	1657
	03-05	100,0	100,0	100,0	100,0	99,6	96,0	86,5	61,7	30,7	83,2	1596
	06-08	100,0	100,0	100,0	99,9	99,4	95,9	86,2	62,8	28,5	83,0	1717
	09-11	100,0	99,9	99,3	93,8	80,4	61,5	39,5	21,8	8,8	66,1	1910
	12-14	100,0	99,2	93,5	74,8	51,2	33,1	21,2	12,4	5,1	54,6	1926
	15-17	100,0	99,2	92,3	70,3	48,8	31,7	20,6	12,8	6,4	53,9	2018
	18-20	100,0	100,0	99,3	95,2	83,0	61,8	41,7	23,8	9,8	67,1	2019
	21-23	100,0	100,0	100,0	99,2	94,8	83,1	61,4	37,0	15,8	74,8	2002
TOTALS		100,0	99,8	97,9	91,1	80,9	67,6	52,5	33,8	15,2	69,6	14845

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

19841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-48,53-68
 PERIOD

NOV
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100,0	100,0	100,0	100,0	98,1	92,5	76,9	53,7	24,1	80,0	1078
	03-05	100,0	100,0	100,0	99,9	98,5	94,4	82,2	60,8	28,3	81,8	1016
	06-08	100,0	100,0	100,0	99,9	98,8	96,0	83,9	63,4	29,1	82,6	1706
	09-11	100,0	100,0	99,9	98,8	92,2	80,2	60,9	39,3	10,5	74,4	1908
	12-14	100,0	100,0	98,7	92,4	75,8	55,7	36,7	22,7	11,0	64,8	1916
	15-17	100,0	99,9	98,4	91,3	75,1	53,3	37,7	22,7	11,8	64,8	1967
	18-20	100,0	100,0	100,0	99,1	94,3	80,3	57,7	32,7	19,9	73,7	1967
	21-23	100,0	100,0	100,0	99,8	97,0	87,9	69,7	42,9	19,3	77,3	1900
	TOTALS	100,0	100,0	99,6	97,5	90,8	79,5	62,2	41,4	19,1	74,6	14718

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N.C., 28801

RELATIVE HUMIDITY

13841
STATION

WILMINGTON OHIO/CLINTON CO AFB
STATION NAME

43-48,53-67

PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100,0	100,0	99,9	99,6	98,3	95,0	81,3	52,5	21,7	80,5	1672
	03-05	100,0	100,0	100,0	99,8	98,5	96,0	89,4	55,7	22,2	82,3	1583
	06-08	100,0	100,0	100,0	99,6	99,1	96,5	82,8	58,6	24,5	81,9	1676
	09-11	100,0	100,0	99,8	99,4	97,8	91,0	72,7	46,3	19,9	78,2	1876
	12-14	100,0	100,0	99,6	98,1	92,5	76,4	54,2	31,7	15,5	72,3	1886
	15-17	100,0	99,9	99,4	97,9	91,0	75,1	53,9	32,1	16,1	72,3	1936
	18-20	100,0	100,0	99,9	99,5	97,9	91,5	71,0	43,8	19,6	77,8	1935
	21-23	100,0	100,0	100,0	99,8	98,9	94,3	77,7	50,4	19,9	79,7	1826
TOTALS		100,0	100,0	99,8	99,2	96,7	89,1	71,9	45,9	19,8	77,8	14492

DATA PROCESSING DIVISION
 ETAC, USAF
 ASPELLE, NC, 28001

RELATIVE HUMIDITY

13841
 STATION

WILMINGTON OHIO/CLINTON CO AFB
 STATION NAME

43-49,53-68

PERIOD

ALL
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100,0	100,0	99,9	99,3	95,9	86,0	68,1	44,3	19,8	76,9	14460
FEB		100,0	100,0	99,9	98,4	94,3	83,6	65,5	41,7	17,8	75,7	12493
MAR		100,0	99,9	99,1	96,0	88,5	76,3	59,3	38,9	16,9	73,0	14868
APR		100,0	99,9	98,0	91,5	80,5	66,3	49,2	31,9	14,2	68,7	14751
MAY		100,0	100,0	98,4	92,2	81,3	66,6	50,8	33,4	14,3	69,4	15269
JUN		100,0	100,0	95,5	92,1	80,5	66,1	49,7	32,2	13,1	68,7	14490
JUL		100,0	99,9	98,3	92,5	81,4	66,8	51,0	33,9	12,1	69,3	14240
AUG		100,0	100,0	99,3	94,5	83,2	69,4	54,2	36,9	13,6	70,7	14799
SEP		100,0	99,8	97,8	91,3	80,9	67,3	52,6	35,1	14,7	69,6	15033
OCT		100,0	99,2	97,9	91,1	80,9	67,3	52,5	33,8	15,2	69,6	14845
NOV		100,0	100,0	99,6	97,5	90,8	78,5	62,2	41,4	19,1	74,6	14710
DEC		100,0	100,0	99,8	99,2	96,7	89,1	71,9	45,9	19,8	77,8	14492
TOTALS		100,0	99,9	98,9	94,6	86,1	73,6	57,1	37,4	15,7	71,9	174413

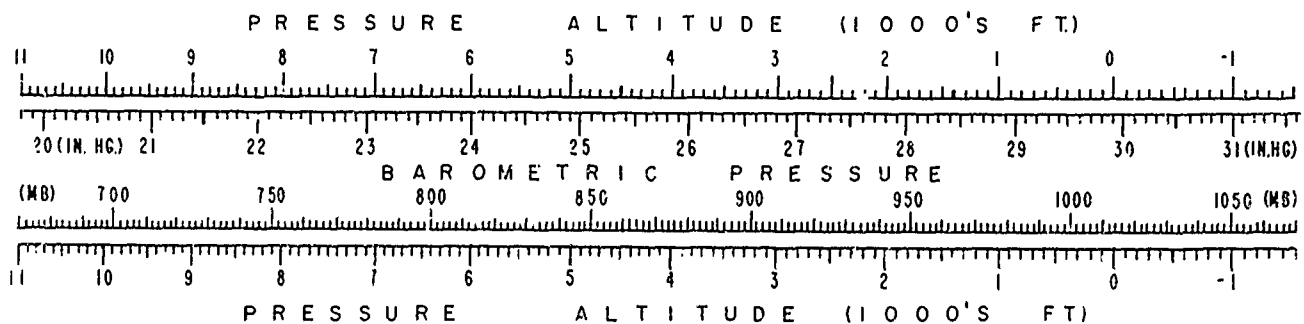
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



F

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C., 28801

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13841 WILMINGTON UNID/CLINTON CU AFB 46-49, 53-63, 65-66
 STATION YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	28,949	28,912	28,856	28,849	28,853	28,864	28,890	28,893	28,932	28,930	28,907	28,937	28,897
	S D	,223	,245	,209	,205	,150	,124	,104	,097	,140	,180	,214	,218	,188
	TOTAL OBS	464	368	481	480	488	449	411	434	450	439	449	435	3348
04	MEAN	28,947	28,906	28,844	28,842	28,843	28,862	28,883	28,892	28,927	28,923	28,906	28,938	28,892
	S D	,222	,241	,215	,208	,158	,126	,108	,100	,148	,188	,217	,221	,189
	TOTAL OBS	463	368	481	480	489	449	411	434	449	439	449	435	3347
07	MEAN	28,954	28,922	28,869	28,870	28,873	28,891	28,918	28,928	28,957	28,947	28,920	28,949	28,915
	S D	,221	,243	,218	,212	,165	,129	,109	,105	,145	,187	,224	,224	,189
	TOTAL OBS	464	368	481	480	489	449	434	481	480	468	448	435	3340
10	MEAN	28,983	28,941	28,888	28,880	28,890	28,901	28,924	28,933	28,974	28,969	28,937	28,971	28,939
	S D	,228	,247	,221	,214	,164	,132	,111	,105	,147	,186	,225	,231	,193
	TOTAL OBS	503	404	521	519	534	491	501	523	527	518	519	506	4066
13	MEAN	28,944	28,914	28,866	28,856	28,871	28,883	28,906	28,913	28,947	28,933	28,903	28,933	28,895
	S D	,224	,249	,217	,207	,155	,136	,109	,103	,142	,180	,221	,230	,189
	TOTAL OBS	503	404	521	519	534	499	501	523	529	517	519	505	4074
16	MEAN	28,934	28,883	28,838	28,827	28,846	28,851	28,874	28,884	28,912	28,908	28,892	28,919	28,881
	S D	,227	,248	,216	,203	,148	,125	,108	,099	,137	,170	,212	,227	,185
	TOTAL OBS	521	420	539	535	554	531	520	552	561	549	536	523	4341
19	MEAN	28,930	28,900	28,847	28,832	28,843	28,846	28,868	28,879	28,918	28,922	28,912	28,936	28,887
	S D	,227	,246	,208	,198	,142	,129	,103	,096	,133	,168	,212	,220	,182
	TOTAL OBS	522	420	539	534	552	531	520	552	562	549	535	523	4341
22	MEAN	28,933	28,903	28,853	28,853	28,863	28,866	28,890	28,903	28,937	28,934	28,916	28,939	28,902
	S D	,226	,246	,208	,196	,143	,121	,102	,096	,136	,168	,210	,220	,181
	TOTAL OBS	518	418	534	529	549	523	511	546	553	541	532	517	4269
ALL HOURS	MEAN	28,952	28,912	28,859	28,851	28,860	28,870	28,894	28,904	28,938	28,934	28,912	28,940	28,902
	S D	,226	,246	,214	,206	,154	,129	,108	,102	,142	,178	,217	,224	,187
	TOTAL OBS	3938	3168	4087	4076	4190	3922	3823	4043	4111	4117	3988	3879	47276

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13841 WILMINGTON OHIO/CLINTON CU AFB 46-49, 53-63, 65-66
 STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1020.1	1018.8	1016.6	1015.7	1015.4	1015.4	1016.1	1016.4	1018.0	1018.4	1018.2	1019.6	1017.4
	S D	7.993	8.687	7.506	7.205	5.370	4.332	3.712	3.426	5.041	6.379	7.667	7.910	6.681
	TOTAL OBS	463	368	480	480	488	449	411	434	450	439	449	435	5344
04	MEAN	1020.4	1018.6	1016.2	1015.5	1015.1	1015.3	1016.0	1016.3	1017.8	1018.2	1018.2	1019.7	1017.2
	S D	8.059	8.635	7.734	7.308	5.640	4.405	3.788	3.530	5.172	6.374	7.778	7.989	6.813
	TOTAL OBS	463	368	480	480	488	449	411	434	449	438	449	435	5344
07	MEAN	1020.6	1019.3	1017.1	1016.5	1016.2	1016.4	1017.1	1017.5	1018.9	1019.2	1018.8	1020.2	1018.1
	S D	8.163	8.738	7.867	7.446	5.861	4.510	3.862	3.713	5.196	6.638	8.018	8.112	6.839
	TOTAL OBS	464	368	479	480	488	449	420	481	480	465	449	435	5486
10	MEAN	1021.0	1020.0	1017.7	1016.9	1016.8	1016.6	1017.4	1017.3	1019.3	1019.9	1019.4	1021.0	1018.7
	S D	8.284	8.850	7.966	7.471	5.832	4.630	3.934	3.694	5.206	6.547	8.032	8.362	6.950
	TOTAL OBS	503	404	520	518	522	488	495	522	528	518	518	506	6032
13	MEAN	1020.1	1019.0	1016.9	1016.1	1015.9	1015.8	1016.2	1017.1	1018.4	1018.2	1018.0	1019.6	1017.4
	S D	8.203	8.787	7.753	7.330	5.600	4.447	3.881	3.614	5.054	6.482	7.971	8.220	6.784
	TOTAL OBS	464	367	480	478	489	449	434	465	480	470	479	434	5489
16	MEAN	1019.7	1018.1	1015.9	1015.0	1015.0	1014.9	1015.7	1016.0	1017.2	1017.6	1017.6	1019.1	1016.8
	S D	8.084	8.840	7.498	7.120	5.336	4.340	3.858	3.538	4.950	6.181	7.708	8.070	6.672
	TOTAL OBS	464	367	480	478	488	449	434	465	480	470	478	436	5490
19	MEAN	1020.3	1018.7	1016.3	1015.3	1014.9	1014.7	1015.5	1015.9	1017.3	1018.2	1018.4	1019.8	1017.1
	S D	8.051	8.860	7.449	6.817	5.100	4.165	3.700	3.463	4.891	6.078	7.662	7.967	6.643
	TOTAL OBS	463	367	480	479	489	449	450	481	480	470	478	435	5523
22	MEAN	1020.4	1018.9	1016.8	1015.9	1015.8	1015.5	1016.2	1016.6	1018.2	1018.7	1018.6	1019.8	1017.6
	S D	8.211	8.852	7.921	6.855	5.115	4.210	3.824	3.437	4.897	6.022	7.598	8.025	6.608
	TOTAL OBS	500	400	515	513	520	487	491	517	519	510	515	500	5997
ALL HOURS	MEAN	1020.4	1018.9	1016.7	1015.9	1015.8	1015.6	1016.2	1016.7	1018.2	1018.6	1018.4	1019.9	1017.6
	S D	8.144	8.788	7.678	7.215	5.519	4.423	3.848	3.614	5.097	6.388	7.815	8.096	6.774
	TOTAL OBS	3786	3009	3916	3906	3993	3669	3578	3799	3866	3780	3815	3610	44729