

STATION 4

TIME: 0441 DATE: 4-ix-61 LAT: 54° 38' N. LONG: 133° 53' W. SOUNDING: 128 fms.
 WEATHER: 02 WIND: Dir. 220° Speed 7 AIR TEMP: Dry 54° Wet 53° BARO: 1015. mb.
 CLOUD: Type Amt. 8 SEA: °-0 SWELL: 270°-6 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/1
0000	12.00	31.459	23.87	4898.1	.577
0010	11.91	31.446	23.87	4897.6	.562
0020	11.47	31.782	24.21	4894.4	.548
0030	09.86	32.079	24.72	4877.0	.521
0050	08.34	32.310	25.14	4860.3	.506
0075	07.45	32.544	25.45	4851.4	.462
0100	07.06	32.744	25.66	4848.6	.431
0125	06.67	33.014	25.92	4846.1	.350
0150	06.30	33.170	26.09	4843.3	.310
0175	05.97	33.446	26.35	4841.5	.252
0200	05.27	33.581	26.54	4834.2	.198
0225	05.20	33.599	26.56	4834.8	.191

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/1	ΔD	P.E.	Pot.Temp. °C
0000	12.00	31.459	23.87	4898.1	.577	00.000	000.00	12.00
0010	11.91	31.446	23.87	4897.6	.562	00.041	000.02	11.91
0020	11.47	31.782	24.21	4894.4	.548	00.080	000.08	11.47
0030	09.86	32.079	24.72	4877.0	.521	00.115	000.17	09.86
0050	08.34	32.310	25.14	4860.3	.506	00.176	000.42	08.34
0075	07.45	32.544	25.45	4851.4	.462	00.244	000.85	07.44
0100	07.06	32.744	25.66	4848.6	.431	00.306	001.40	07.05
0125	06.67	33.014	25.92	4846.1	.350	00.362	002.05	06.66
0150	06.30	33.170	26.09	4843.3	.310	00.413	002.76	06.29
0175	05.97	33.446	26.35	4841.5	.252	00.459	003.53	05.96
0200	05.27	33.581	26.54	4834.2	.198	00.500	004.31	05.25

STATION 5

TIME: 1147 DATE: 4-ix-61 LAT: 55° 16' N. LONG: 134° 29' W. SOUNDING: 112 fms.
 WEATHER: 02 WIND: Dir. 350° Speed 15 AIR TEMP: Dry 55° Wet 54° BARO: 1006. mb.
 CLOUD: Type Sc Cu Amt. 7 SEA: 360°-1 SWELL: 270°-3 SECCHI DISC: 8 m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	13.80	31.710	23.71	4919.2	.539
0010	13.73	31.652	23.68	4918.9	.543
0020	13.72	31.650	23.68	4919.3	.545
0030	11.00 +	31.879	24.37	4889.8	.537
0049	09.26	32.182	24.90	4871.2	.516
0074	07.21	32.401	25.37	4847.7	.561
0098	06.69	32.777	25.73	4843.8	.408
0123	06.41	33.048	25.98	4842.7	.332
0148	06.08	33.287	26.21	4840.8	.290
0172	05.79	33.396	26.33	4838.8	.256
0175	05.76*	33.409*	26.35	4838.6	.252*

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot.Temp. °C
0000	13.80	31.710	23.71	4919.2	.539	00.000	000.00	13.80
0010	13.73	31.652	23.68	4918.9	.543	00.042	000.02	13.73
0020	13.72	31.650	23.68	4919.3	.545	00.085	000.09	13.72
0030	11.00	31.879	24.37	4889.8	.537	00.124	000.19	11.00
0050	09.16	32.192	24.92	4870.1	.518	00.191	000.46	09.16
0075	07.19	32.419	25.39	4847.5	.554	00.262	000.91	07.18
0100	06.67	32.801	25.75	4843.7	.401	00.324	001.45	06.66
0125	06.38	33.069	26.00	4842.5	.328	00.378	002.07	06.37
0150	06.05	33.297	26.22	4840.6	.287	00.426	002.75	06.04
0175	05.76	33.409	26.35	4838.6	.252	00.471	003.49	05.74

STATION 6

TIME: 1400 DATE: 4-ix-61 LAT: 55° 06' N. LONG: 134° 55' W. SOUNDING: 1305 fms.
 WEATHER: 03 WIND: Dir. 350° Speed 17 AIR TEMP: Dry 55° Wet 53° BARO: 1005. mb.
 CLOUD: Type Sc Ns Amt. 8 SEA: 350°-1 SWELL: 270°-3 SECCHI DISC: 8 m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	13.80	31.690	23.70	4919.2	.566
0009c	13.86	31.666	23.67	4920.3	.552
0018c	13.82	31.670	23.68	4920.4	.563
0027c	13.37	31.725	23.81	4916.2	.549
0045c	09.58	32.185	24.85	4874.9	.529
0068c	07.94	32.372	25.24	4856.6	.558
0091c	06.70	32.469	25.49	4842.4	.560
0113c	06.41	32.716	25.72	4840.8	.504
0136c	06.45	33.050	25.98	4844.0	.341
0159c	06.50	33.357	26.21	4847.2	.332
0181a	06.40	33.497	26.34	4847.8	.292
0227c	05.75	33.566	26.47	4842.2	.268
0272b	05.39	33.600	26.54	4840.2	.239
0378c	04.35	33.628	26.68	4832.4	.172
0474a	04.21	33.726	26.77	4836.6	.119
0664c	03.88	33.886	26.94	4843.9	.049
0854c	03.53	33.995	27.06	4850.7	.040
1042a	03.16	34.071	27.15	4857.0	.040
1327c	02.59	34.151	27.27	4866.1	.040*
1993a	01.86	34.274	27.42	4895.6	.040*
2000	01.85*	34.275*	27.42	4895.9	.040*

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot. Temp. °C
0000	13.80	31.690	23.70	4919.2	.566	00.000	000.00	13.80
0010	13.85	31.667	23.67	4920.3	.553	00.043	000.02	13.85
0020	13.71	31.684	23.71	4919.3	.560	00.085	000.09	13.71
0030	12.62	31.815	24.02	4908.3	.545	00.126	000.19	12.62
0050	09.17	32.232	24.95	4870.3	.536	00.196	000.47	09.17
0075	07.53	32.404	25.33	4851.9	.559	00.267	000.92	07.52
0100	06.57	32.576	25.59	4841.7	.536	00.331	001.49	06.57
0125	06.43	32.897	25.86	4842.5	.415	00.389	002.16	06.42
0150	06.48	33.242	26.13	4846.0	.335	00.440	002.88	06.47
0175	06.43	33.460	26.31	4847.6	.302	00.487	003.65	06.41
0200	06.11	33.527	26.40	4845.2	.281	00.530	004.47	06.10
0250	05.56	33.584	26.51	4841.0	.253	00.611	006.35	05.54
0300	05.08	33.608	26.59	4837.7	.219	00.688	008.51	05.06
0400	04.32	33.652	26.70	4833.4	.159	00.833	013.70	04.29
0500	04.16	33.751	26.80	4837.5	.108	00.968	019.94	04.12
0600	03.98	33.838	26.89	4841.3	.070	01.096	027.12	03.94
0700	03.81	33.909	26.96	4845.1	.047	01.216	035.15	03.76
0800	03.62	33.967	27.02	4848.7	.042	01.330	043.97	03.56
1000	03.24	34.055	27.13	4855.5	.040	01.544	063.66	03.17
1200	02.83	34.118	27.22	4861.9	.040	01.740	085.80	02.74
1500	02.37	34.188	27.31	4873.4	.040	02.009	123.03	02.27
2000	01.85	34.275	27.42	4895.9	.040	02.410	194.63	01.72

STATION 7

TIME: 0821 DATE: 5-ix-61 LAT: 54° 57' N. LONG: 135° 33' W. SOUNDING: 1432 fms.
 WEATHER: 03 WIND: Dir. 270° Speed 12 AIR TEMP: Dry 55° Wet 55° BARO: 1013. mb.
 CLOUD: Type Sc Ac Amt. 8 SEA: 270°-1 SWELL: 270°-3 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	14.10	31.761	23.69	4922.7	.546
0010	14.05	31.703	23.66	4922.5	.537
0020	14.03	31.706	23.66	4922.9	.526
0030	13.76	31.732	23.74	4920.7	.538
0050	09.85	32.021	24.68	4877.8	.514
0075	07.89	32.322	25.21	4856.2	.525
0100	06.87	32.473	25.47	4845.1	.538
0125	06.51	32.720	25.71	4842.9	.460
0150	06.39	33.053	25.99	4844.1	.359
0175	06.08	33.381	26.29	4842.7	.310
0200	05.85	33.487	26.40	4841.6	.278
0250	05.23	33.587	26.55	4836.7	.224
0300	04.91	33.608	26.60	4835.4	.211
0400	04.39	33.670	26.71	4834.5	.139
0500	04.21	33.781	26.82	4838.3	.090

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot. Temp. °C
0000	14.10	31.761	23.69	4922.7	.546	00.000	000.00	14.10
0010	14.05	31.703	23.66	4922.5	.537	00.043	000.02	14.05
0020	14.03	31.706	23.66	4922.9	.526	00.085	000.09	14.03
0030	13.76	31.732	23.74	4920.7	.538	00.128	000.20	13.76
0050	09.85	32.021	24.68	4877.8	.514	00.203	000.50	09.84
0075	07.89	32.322	25.21	4856.2	.525	00.279	000.98	07.88
0100	06.87	32.473	25.47	4845.1	.538	00.346	001.57	06.86
0125	06.51	32.720	25.71	4842.9	.460	00.407	002.28	06.50
0150	06.39	33.053	25.99	4844.1	.359	00.462	003.05	06.38
0175	06.08	33.381	26.29	4842.7	.310	00.510	003.84	06.07
0200	05.85	33.487	26.40	4841.6	.278	00.553	004.67	05.83
0250	05.23	33.587	26.55	4836.7	.224	00.633	006.52	05.21
0300	04.91	33.608	26.60	4835.4	.211	00.709	008.64	04.89
0400	04.39	33.670	26.71	4834.5	.139	00.852	013.79	04.36
0500	04.21	33.781	26.82	4838.3	.090	00.987	019.97	04.17

STATION 8

TIME: 1419 DATE: 5-ix-61 LAT: 54° 14' N. LONG: 135° 15' W. SOUNDING: 1468 fms.
 WEATHER: 03 WIND: Dir. ° Speed AIR TEMP: Dry 57° Wet 55° BARO: 1016. mb.
 CLOUD: Type Sc As Amt. 8 SEA: 270°-1 SWELL: 270°-3 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	13.80	32.049	23.97	4920.5	.541
0010c	14.24	32.058	23.89	4925.9	.548
0019c	14.20	32.054	23.89	4926.0	.542
0029c	14.18	32.061	23.90	4926.4	.543
0048c	09.99	32.264	24.84	4880.3	.577
0072c	07.14	32.420	25.39	4846.8	.566
0097c	06.35	32.635	25.66	4838.8	.533
0121c	06.41	32.944	25.90	4842.2	.440
0145c	06.40	33.256	26.15	4844.7	.355
0169c	06.16	33.448	26.33	4843.7	.305
0193a	05.84	33.547	26.45	4841.3	.274
0241c	05.31	33.589	26.54	4837.2	.234
0290c	04.72	33.626	26.64	4832.3	.184
0364a	04.44	33.678	26.71	4833.0	.135
0456c	04.17	33.763	26.81	4835.1	.086
0548a	03.99	33.850	26.90	4838.4	.054
0736c	03.61	33.955	27.02	4844.7	.048
0926c	03.17	34.043	27.13	4850.2	.031
1113a	02.87	34.103	27.20	4857.2	.036
1398c	02.46	34.181	27.30	4868.6	.042*

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot. Temp. °C
0000	13.80	32.049	23.97	4920.5	.541	00.000	000.00	13.80
0010	14.24	32.058	23.89	4925.9	.548	00.040	000.02	14.24
0020	14.20	32.055	23.90	4926.0	.542	00.081	000.08	14.20
0030	13.91	32.074	23.97	4923.6	.545	00.121	000.19	13.91
0050	09.71	32.279	24.90	4877.1	.576	00.192	000.47	09.71
0075	07.03	32.449	25.43	4845.7	.562	00.263	000.92	07.03
0100	06.36	32.677	25.70	4839.2	.520	00.324	001.46	06.35
0125	06.41	33.000	25.94	4842.6	.425	00.380	002.10	06.40
0150	06.35	33.298	26.19	4844.5	.344	00.429	002.80	06.33
0175	06.08	33.474	26.36	4843.1	.297	00.474	003.54	06.06
0200	05.76	33.554	26.46	4840.6	.268	00.516	004.34	05.74
0250	05.19	33.596	26.56	4836.2	.224	00.594	006.15	05.17
0300	04.68	33.634	26.65	4832.3	.177	00.668	008.23	04.66
0400	04.33	33.714	26.75	4833.8	.115	00.807	013.22	04.30
0500	04.08	33.807	26.85	4836.6	.070	00.938	019.24	04.04
0600	03.87	33.882	26.93	4840.0	.052	01.061	026.16	03.83
0700	03.67	33.937	27.00	4843.4	.049	01.177	033.92	03.62
0800	03.45	33.987	27.06	4846.4	.042	01.288	042.46	03.39
1000	03.04	34.068	27.16	4852.9	.033	01.495	061.56	02.98
1200	02.73	34.129	27.24	4860.6	.038	01.686	083.15	02.65

STATION 9

TIME: 0035 DATE: 6-ix-61 LAT: 54° 43' N. LONG: 136° 20' W. SOUNDING: 1515 fms.
 WEATHER: 02 WIND: Dir. 315° Speed 15 AIR TEMP: Dry 56° Wet 55° BARO: 1017. mb.
 CLOUD: Type Cu Sc Amt. 3 SEA: 315°-1 SWELL: 270°-3 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	14.30	32.315	24.07	4926.9	.538
0010c	14.12	32.272	24.08	4925.3	.538
0020c	14.11	32.285	24.09	4925.9	.538
0030c	14.08	32.307	24.11	4926.2	.540
0050c	08.60	32.328	25.11	4863.6	.584
0075c	06.56	32.551	25.57	4839.9	.555
0100c	06.11	32.756	25.79	4836.3	.523
0125c	06.18	33.086	26.04	4840.0	.438
0150c	06.28	33.403	26.28	4844.0	.315
0175c	06.03	33.512	26.40	4842.6	.283
0200a	05.76	33.548	26.46	4840.6	.270
0250c	05.09	33.577	26.56	4834.7	.233
0300c	04.72	33.618	26.63	4832.8	.194
0398a	04.43	33.691	26.72	4835.0	.126
0498c	04.25	33.760	26.80	4838.7	.084
0597a	04.03	33.844	26.89	4841.9	.055
0797c	03.53	33.972	27.04	4847.3	.039
0996c	03.13	34.051	27.14	4853.8	.045
1195a	02.81	34.122	27.22	4861.3	.051
1494c	02.37	34.197	27.32	4873.1	.058*
1993a	01.93	34.277	27.42	4896.6	.068*
2491c	01.70	34.325	27.48	4923.0	.075*
2690c	01.62*	34.331	27.49	4933.6	.078*

STATION 9

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot.Temp. °C
0000	14.30	32.315	24.07	4926.9	.538	00.000	000.00	14.30
0010	14.12	32.272	24.08	4925.3	.538	00.039	000.02	14.12
0020	14.11	32.285	24.09	4925.9	.538	00.077	000.08	14.11
0030	14.08	32.307	24.11	4926.2	.540	00.116	000.18	14.08
0050	08.60	32.328	25.11	4863.6	.584	00.183	000.45	08.60
0075	06.56	32.551	25.57	4839.9	.555	00.250	000.87	06.55
0100	06.11	32.756	25.79	4836.3	.523	00.309	001.39	06.10
0125	06.18	33.086	26.04	4840.0	.438	00.362	002.00	06.17
0150	06.28	33.403	26.28	4844.0	.315	00.409	002.67	06.27
0175	06.03	33.512	26.40	4842.6	.283	00.453	003.39	06.02
0200	05.76	33.548	26.46	4840.6	.270	00.494	004.18	05.74
0250	05.09	33.577	26.56	4834.7	.233	00.572	005.99	05.07
0300	04.72	33.618	26.63	4832.8	.194	00.647	008.09	04.70
0400	04.43	33.693	26.72	4835.0	.125	00.788	013.16	04.40
0500	04.25	33.762	26.80	4838.8	.083	00.923	019.37	04.21
0600	04.02	33.846	26.89	4841.9	.055	01.050	026.55	03.98
0700	03.75	33.914	26.97	4844.4	.046	01.170	034.54	03.70
0800	03.52	33.973	27.04	4847.4	.039	01.283	043.25	03.47
1000	03.12	34.053	27.14	4853.9	.045	01.494	062.71	03.05
1200	02.80	34.123	27.23	4861.5	.051	01.689	084.65	02.72
1500	02.36	34.198	27.32	4873.4	.059	01.956	121.55	02.26
2000	01.93	34.278	27.42	4897.0	.068	02.356	193.19	01.79
2500	01.70	34.325	27.48	4923.5	.075	02.722	277.97	01.52

STATION 10

TIME: 0640 DATE: 6-ix-61 LAT: 54° 08' N. LONG: 135° 47' W. SOUNDING: 1460 fms.
 WEATHER: 02 WIND: Dir. 315° Speed 10 AIR TEMP: Dry 56° Wet 54° BARO: 1020. mb.
 CLOUD: Type Amt. 7 SEA: 315°-1 SWELL: 270°-2 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/1
0000	14.30 +	31.963	23.80	4925.6	.532
0009	14.23	31.941	23.80	4925.3	.541
0019	14.24	31.948	23.80	4926.0	.534
0028	12.47	32.120	24.29	4907.6	.552
0047	09.31	32.286	24.97	4872.1	.581
0072	06.83	32.427	25.44	4842.8	.567
0094	06.37	32.554	25.60	4838.6	.547
0117	06.39	32.977	25.93	4841.8	.406
0141	06.40	33.300	26.18	4844.6	.328
0165	06.22	33.438	26.31	4844.2	.287
0188	06.00	33.511	26.40	4843.0	.273
0235	05.42	33.589	26.53	4838.3	.219*
0282	04.85	33.622	26.62	4833.6	.175
0376	04.35	33.694	26.73	4832.6	.126
0469	04.22	33.785	26.82	4836.7	.094

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/1	ΔD	P.E.	Pot. Temp. °C
0000	14.30	31.963	23.80	4925.6	.532	00.000	000.00	14.30
0010	14.23	31.942	23.80	4925.4	.540	00.041	000.02	14.23
0020	14.02	31.970	23.87	4923.7	.536	00.082	000.08	14.02
0030	12.07	32.141	24.38	4903.2	.556	00.121	000.18	12.07
0050	08.96	32.306	25.04	4868.0	.579	00.186	000.44	08.96
0075	06.76	32.446	25.46	4842.1	.564	00.255	000.88	06.75
0100	06.38	32.673	25.69	4839.4	.507	00.316	001.43	06.37
0125	06.39	33.091	26.02	4842.8	.378	00.371	002.05	06.38
0150	06.33	33.354	26.23	4844.4	.312	00.419	002.73	06.32
0175	06.12	33.471	26.35	4843.6	.281	00.464	003.47	06.11
0200	05.84	33.533	26.44	4841.6	.258	00.506	004.27	05.82
0250	05.23	33.600	26.56	4836.7	.204	00.585	006.09	05.21
0300	04.74	33.637	26.65	4833.2	.164	00.659	008.18	04.72
0400	04.31	33.719	26.76	4833.6	.117	00.798	013.17	04.28

STATION 11

TIME: 1450 DATE: 6-ix-61 LAT: 53° 45' N. LONG: 134° 23' W. SOUNDING: 1500 fms.
 WEATHER: 02 WIND: Dir. 270° Speed 10 AIR TEMP: Dry 59° Wet 56° BARO: 1022. mb.
 CLOUD: Type Cu Amt. 4 SEA: 270°-1 SWELL: 270°-3 SECCHI DISC: 12 m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/1
0000	14.70	31.983	23.74	4930.0	.534
0010c	14.49	31.981	23.78	4928.3	.520
0019c	14.36	32.003	23.82	4927.5	.555*
0029c	11.82	32.129	24.42	4900.2	.583
0048c	08.05	32.322	25.19	4856.6	.569*
0072c	07.00	32.453	25.44	4845.1	.556
0097c	06.81	32.753	25.70	4845.3	.476*
0121c	06.89	33.099	25.96	4849.0	.415
0145c	06.75	33.312	26.15	4849.5	.341*
0169c	06.51	33.480	26.31	4848.4	.278
0193a	06.29	33.545	26.39	4847.2	.261*
0241c	05.73	33.597	26.50	4842.9	.233
0289c	05.33	33.634	26.58	4840.5	.181
0375a	04.78	33.695	26.69	4838.4	.123
0470c	04.36	33.758	26.78	4838.5	.088
0563a	04.02	33.824	26.87	4839.6	.063
0752c	03.62	33.954	27.01	4845.8	.046
0949c	03.24	34.031	27.11	4852.5	.033
1138c	02.92	34.102	27.20	4859.4	.045
1430c	02.46	34.180	27.30	4870.5	.054
1914a	01.97	34.270	27.41	4892.5	.115
2399a	01.74	34.318	27.47	4918.1	.126
2495a	01.70	34.327	27.48	4923.2	.180
2500	01.70*	34.327*	27.48	4923.5	.183*

STATION 11

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/1	ΔD	P.E.	Pot. Temp. °C
0000	14.70	31.983	23.74	4930.0	.534	00.000	000.00	14.70
0010	14.49	31.981	23.78	4928.3	.520	00.042	000.02	14.49
0020	14.07	32.017	23.89	4924.5	.558	00.083	000.08	14.07
0030	11.58	32.141	24.47	4897.6	.582	00.121	000.18	11.58
0050	07.95	32.335	25.21	4855.5	.567	00.184	000.43	07.94
0075	06.97	32.494	25.47	4845.1	.545	00.250	000.86	06.97
0100	06.82	32.800	25.73	4845.8	.468	00.311	001.40	06.81
0125	06.86	33.137	25.99	4849.1	.402	00.365	002.02	06.85
0150	06.70	33.349	26.18	4849.2	.327	00.415	002.71	06.68
0175	06.45	33.497	26.33	4848.1	.274	00.460	003.47	06.44
0200	06.20	33.553	26.41	4846.5	.257	00.502	004.28	06.18
0250	05.65	33.604	26.52	4842.3	.223	00.583	006.15	05.63
0300	05.25	33.643	26.59	4840.1	.173	00.660	008.31	05.23
0400	04.66	33.713	26.72	4838.3	.113	00.804	013.47	04.63
0500	04.24	33.781	26.81	4838.8	.079	00.939	019.66	04.21
0600	03.93	33.853	26.90	4840.7	.059	01.065	026.77	03.89
0700	03.72	33.922	26.98	4844.0	.050	01.183	034.68	03.67
0800	03.52	33.974	27.04	4847.3	.043	01.296	043.35	03.46
1000	03.15	34.051	27.14	4854.3	.036	01.507	062.83	03.08
1200	02.81	34.120	27.22	4861.7	.047	01.702	084.86	02.73
1500	02.38	34.195	27.32	4873.6	.064	01.970	121.93	02.28
2000	01.93	34.279	27.42	4897.0	.117	02.371	193.66	01.79
2500	01.70	34.327	27.48	4923.5	.183	02.737	278.29	01.52

STATION 12

TIME: 2213 DATE: 6-ix-61 LAT: 53° 05' N. LONG: 133° 27' W. SOUNDING: 1565 fms.
 WEATHER: 03 WIND: Dir. 315° Speed 15 AIR TEMP: Dry 58° Wet 56° BARO: 1022. mb.
 CLOUD: Type Sc As Amt. 7 SEA: 315°-1 SWELL: 270°-3 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/1
0000	14.50	31.800	23.64	4927.2	.541
0010c	14.33	31.766	23.65	4925.8	.543
0020c	14.05	31.770	23.71	4923.4	.542*
0030c	13.86	31.775	23.75	4921.9	.541
0050c	09.47	32.246	24.91	4874.0	.544*
0075c	07.56	32.399	25.32	4852.3	.547
0100c	06.88	32.519	25.51	4845.4	.500*
0125c	06.92	32.860	25.77	4848.8	.462
0150c	06.71	33.289	26.13	4849.2	.372*
0175c	06.41	33.480	26.32	4847.5	.296
0200a	06.10	33.555	26.42	4845.2	.258*
0250c	05.69	33.610	26.52	4842.9	.193
0300c	05.31	33.657	26.60	4841.0	.171
0399a	04.73	33.706	26.70	4839.2	.119
0498c	04.69	33.746	26.74	4844.7	.101
0598a	03.99	33.827	26.88	4841.3	.082
0597c	03.74	33.977	27.02	4838.4	.036
0996c	03.23	34.049	27.13	4855.2	.036
1195c	02.93	34.107	27.20	4863.0	.042
1494c	02.30	34.203	27.33	4872.1	.066
1993a	01.87	34.291	27.44	4895.8	.131
2490a	01.68	34.333	27.48	4922.7	.193
2739a	01.64	34.341	27.49	4936.9	.214

STATION 12

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/v ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot.Temp. °C
0000	14.50	31.800	23.64	4927.2	.541	00.000	000.00	14.50
0010	14.33	31.766	23.65	4925.8	.543	00.043	000.02	14.33
0020	14.05	31.770	23.71	4923.4	.542	00.086	000.09	14.05
0030	13.86	31.775	23.75	4921.9	.541	00.128	000.20	13.86
0050	09.47	32.246	24.91	4874.0	.544	00.201	000.48	09.47
0075	07.56	32.399	25.32	4852.3	.547	00.273	000.94	07.55
0100	06.88	32.519	25.51	4845.4	.500	00.338	001.52	06.87
0125	06.92	32.860	25.77	4848.8	.462	00.398	002.21	06.91
0150	06.71	33.289	26.13	4849.2	.372	00.450	002.95	06.70
0175	06.41	33.480	26.32	4847.5	.296	00.496	003.71	06.39
0200	06.10	33.555	26.42	4845.2	.258	00.539	004.53	06.08
0250	05.69	33.610	26.52	4842.9	.193	00.619	006.38	05.67
0300	05.31	33.657	26.60	4841.0	.171	00.696	008.54	05.29
0400	04.73	33.706	26.70	4839.2	.119	00.841	013.72	04.70
0500	04.67	33.748	26.74	4844.6	.101	00.979	020.13	04.64
0600	03.74	33.978	27.02	4838.5	.036	01.103	027.07	03.69
0700	03.58	33.999	27.05	4842.4	.036	01.212	034.36	03.53
0800	03.45	34.018	27.08	4846.5	.036	01.319	042.60	03.39
1000	03.22	34.050	27.13	4855.3	.036	01.527	061.84	03.15
1200	02.92	34.109	27.20	4863.1	.042	01.725	084.22	02.83
1500	02.29	34.204	27.33	4872.4	.067	01.994	121.28	02.19
2000	01.87	34.292	27.44	4896.2	.132	02.387	191.51	01.73
2500	01.68	34.333	27.48	4923.3	.194	02.746	274.85	01.50

STATION 13

TIME: 0650 DATE: 8-ix-61 LAT: 53° 29' N. LONG: 133° 59' W. SOUNDING: fms.
 WEATHER: 60 WIND: Dir. 290° Speed 12 AIR TEMP: Dry 57° Wet 56° BARO: 1017. mb.
 CLOUD: Type Amt. 8 SEA: 230°-1 SWELL: 270°-5 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	14.30	32.021	23.85	4925.8	.537
0010	14.21	31.988	23.84	4925.3	.541
0019	14.21	31.989	23.84	4925.8	.527
0029	14.22	31.986	23.84	4926.5	.538
0049	09.63	32.181	24.84	4875.7	.549
0073	07.69	32.363	25.27	4853.7	.548
0097	06.85	32.544	25.53	4845.0	.529
0122	06.77	32.480	25.49	4845.2	.408
0146	06.83	33.340	26.16	4850.7	.323
0170	06.50	33.459*	26.29	4848.3	.302*
0195	06.34	33.567	26.40	4848.1	.283
0243	05.75	33.594	26.50	4843.2	.242
0292	05.37	33.618	26.56	4841.2	.202
0390	04.63	33.670	26.69	4837.1	.155
0488	04.44	33.760	26.78	4840.7	.086
0500	04.42*	33.770*	26.79	4841.2	.079*

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot.Temp. °C
0000	14.30	32.021	23.85	4925.8	.537	00.000	000.00	14.30
0010	14.21	31.988	23.84	4925.3	.541	00.041	000.02	14.21
0020	14.21	31.989	23.84	4925.9	.528	00.082	000.08	14.21
0030	13.94	31.998	23.90	4923.6	.539	00.123	000.19	13.94
0050	09.53	32.190	24.86	4874.6	.549	00.195	000.47	09.53
0075	07.61	32.380	25.30	4852.8	.546	00.268	000.94	07.60
0100	06.84	32.536	25.52	4845.0	.513	00.333	001.52	06.83
0125	06.78	32.596	25.58	4845.9	.397	00.395	002.23	06.77
0150	06.77	33.361	26.18	4850.2	.319	00.449	002.99	06.76
0175	06.47	33.482	26.32	4848.2	.298	00.494	003.74	06.45
0200	06.27	33.570	26.41	4847.5	.278	00.537	004.57	06.26
0250	05.69	33.598	26.51	4842.9	.236	00.618	006.43	05.67
0300	05.30	33.623	26.57	4840.7	.198	00.696	008.62	05.28
0400	04.61	33.680	26.70	4837.5	.147	00.842	013.85	04.58
0500	04.42	33.770	26.79	4841.2	.079	00.979	020.15	04.38

STATION 14

TIME: 2032 DATE: 8-ix-61 LAT: 52° 57' N. LONG: 133° 17' W. SOUNDING: fms.
 WEATHER: 03 WIND: Dir. 300° Speed 2 AIR TEMP: Dry 59° Wet 57° BARO: 1023. mb.
 CLOUD: Type Sc As Amt. 7 SEA: 300°-1 SWELL: 270°-3 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	14.40	31.785	23.65	4926.0	.555
0010	13.93	31.747	23.71	4921.4	.557
0020	13.93	31.758	23.72	4922.0	.536
0030	13.33	31.845	23.91	4916.3	.526
0050	09.81	32.281	24.88	4878.3	.579
0075	07.31	32.396	25.35	4849.0	.570
0100	06.78	32.433	25.45	4843.8	.573
0125	06.89	32.773	25.70	4848.0	.443
0150	06.73	33.225	26.08	4849.2	.319
0175	06.49	33.491	26.32	4848.6	.287
0200	06.03	33.557	26.43	4844.3	.262
0250	05.41	33.607	26.55	4839.2	.257
0300	05.24	33.678	26.62	4840.1	.135
0400	04.46	33.707	26.73	4835.6	.126
0500	04.15	33.779	26.82	4837.5	.087

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot. Temp. °C
0000	14.40	31.785	23.65	4926.0	.555	00.000	000.00	14.40
0010	13.93	31.747	23.71	4921.4	.557	00.043	000.02	13.93
0020	13.93	31.758	23.72	4922.0	.536	00.085	000.09	13.93
0030	13.33	31.845	23.91	4916.3	.526	00.126	000.19	13.33
0050	09.81	32.281	24.88	4878.3	.579	00.198	000.48	09.80
0075	07.31	32.396	25.35	4849.0	.570	00.270	000.93	07.30
0100	06.78	32.433	25.45	4843.8	.573	00.335	001.52	06.77
0125	06.89	32.773	25.70	4848.0	.443	00.396	002.22	06.88
0150	06.73	33.225	26.08	4849.2	.319	00.450	002.98	06.72
0175	06.49	33.491	26.32	4848.6	.287	00.497	003.75	06.47
0200	06.03	33.557	26.43	4844.3	.262	00.539	004.57	06.01
0250	05.41	33.607	26.55	4839.2	.257	00.619	006.40	05.39
0300	05.24	33.678	26.62	4840.1	.135	00.694	008.52	05.22
0400	04.46	33.707	26.73	4835.6	.126	00.836	013.60	04.43
0500	04.15	33.779	26.82	4837.5	.087	00.969	019.73	04.11

STATION 15

TIME: 1045 DATE: 9-ix-61 LAT: 51° 22' N. LONG: 136° 12' W. SOUNDING: 1950 fms.
 WEATHER: 47 WIND: Dir. 240° Speed 15 AIR TEMP: Dry 57° Wet 57° BARO: 1022. mb.
 CLOUD: Type Amt. SEA: 240°-1 SWELL: 270°-3 SECCHI DISC: 11 m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	14.60	32.203	23.93	4929.7	.540
0010c	14.44	32.178	23.94	4928.5	.552
0020c	14.44	32.184	23.94	4929.1	.541*
0030c	14.32	32.194	23.98	4928.4	.534
0050c	07.88	32.387	25.26	4854.8	.560*
0075c	06.78	32.472	25.48	4842.5	.583
0100c	06.22	32.557	25.62	4836.9	.524*
0125c	06.13	33.134	26.09	4839.5	.477
0150c	06.00	33.428	26.33	4840.4	.420*
0175c	05.80	33.517	26.43	4839.6	.371
0200a	05.54	33.551	26.49	4837.7	.340*
0250c	04.92	33.558	26.56	4832.4	.287
0300c	04.59	33.603	26.64	4831.0	.218*
0396a	04.23	33.693	26.75	4832.1	.112
0496c	04.11	33.796	26.84	4836.8	.099
0596a	03.82	33.865	26.92	4839.0	.067
0797c	03.42	33.976	27.05	4845.7	.045
0997c	03.03	34.063	27.16	4852.5	.048
1198c	02.69	34.121	27.23	4859.8	.049
1495c	02.33	34.190	27.32	4872.5	.063
2000a	01.90	34.280	27.42	4896.6	.135

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot. Temp. °C
0000	14.60	32.203	23.93	4929.7	.540	00.000	000.00	14.60
0010	14.44	32.178	23.94	4928.5	.552	00.040	000.02	14.44
0020	14.44	32.184	23.94	4929.1	.541	00.080	000.08	14.44
0030	14.32	32.194	23.98	4928.4	.534	00.120	000.18	14.32
0050	07.88	32.387	25.26	4854.8	.560	00.187	000.45	07.88
0075	06.78	32.472	25.48	4842.5	.583	00.253	000.87	06.77
0100	06.22	32.557	25.62	4836.9	.524	00.315	001.42	06.21
0125	06.13	33.134	26.09	4839.5	.477	00.370	002.05	06.12
0150	06.00	33.428	26.33	4840.4	.420	00.416	002.69	05.99
0175	05.80	33.517	26.43	4839.6	.371	00.458	003.40	05.79
0200	05.54	33.551	26.49	4837.7	.340	00.499	004.17	05.52
0250	04.92	33.558	26.56	4832.4	.287	00.576	005.97	04.90
0300	04.59	33.603	26.64	4831.0	.218	00.651	008.06	04.57
0400	04.22	33.698	26.75	4832.3	.111	00.791	013.07	04.20
0500	04.10	33.799	26.84	4836.9	.098	00.922	019.11	04.06
0600	03.81	33.868	26.93	4839.1	.066	01.045	026.06	03.77
0700	03.60	33.926	26.99	4842.3	.055	01.161	033.84	03.55
0800	03.41	33.977	27.05	4845.8	.045	01.273	042.39	03.36
1000	03.02	34.064	27.16	4852.6	.048	01.480	061.52	02.96
1200	02.69	34.122	27.23	4859.9	.049	01.671	083.12	02.61
1500	02.33	34.191	27.32	4872.8	.064	01.937	119.83	02.22
2000	01.90	34.280	27.42	4896.6	.135	02.336	191.24	01.76

STATION 16

TIME: 2117 DATE: 9-ix-61 LAT: 51° 11' N. LONG: 135° 26' W. SOUNDING: 1937 fms.
 WEATHER: 03 WIND: Dir. 270° Speed 2 AIR TEMP: Dry 59° Wet 58° BARO: 1023. mb.
 CLOUD: Type Sc Cu Amt. 7 SEA: 270°-1 SWELL: 270°-3 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	14.80	31.829	23.60	4930.5	.543
0010c	14.63	31.814	23.62	4929.2	.538
0020c	14.31	31.808	23.68	4926.3	.541*
0030c	13.87	31.825	23.79	4922.2	.543
0050c	08.65	32.224	25.02	4863.9	.540*
0075c	07.61	32.357	25.28	4852.7	.538
0100c	06.79	32.444	25.46	4844.0	.532*
0125c	06.60	32.676	25.67	4843.9	.527
0150c	06.53	33.137	26.04	4846.2	.455*
0175c	06.49	33.455	26.29	4848.4	.394
0200a	05.99	33.526	26.41	4843.6	.358*
0250c	05.29	33.558	26.52	4837.4	.298
0300c	04.75	33.560	26.58	4833.0	.242*
0400a	04.32	33.658	26.71	4833.4	.153
0498c	04.15	33.766	26.81	4837.3	.085
0598a	03.90	33.857	26.91	4840.2	.066
0798c	03.44	33.961	27.04	4846.0	.047
0998c	03.11	34.058	27.15	4853.6	.036
1197c	02.73	34.124	27.23	4860.3	.048
1497c	02.33	34.189	27.32	4872.6	.058
1996a	01.92	34.275	27.42	4896.7	.114
2495a	01.71	34.324	27.47	4923.4	.180
2994a	01.59	34.340	27.50	4951.2	.224
3394a	01.56	34.359	27.51	4974.4	.244
3500	01.55*	34.364*	27.52	4980.6	.249*

STATION 16

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/1	ΔD	P.E.	Pot.Temp. °C
0000	14.80	31.829	23.60	4930.5	.543	00.000	000.00	14.80
0010	14.63	31.814	23.62	4929.2	.538	00.043	000.02	14.63
0020	14.31	31.808	23.68	4926.3	.541	00.086	000.09	14.31
0030	13.87	31.825	23.79	4922.2	.543	00.128	000.20	13.87
0050	08.65	32.224	25.02	4863.9	.540	00.200	000.48	08.65
0075	07.61	32.357	25.28	4852.7	.538	00.271	000.93	07.60
0100	06.79	32.444	25.46	4844.0	.532	00.337	001.52	06.78
0125	06.60	32.676	25.67	4843.9	.527	00.399	002.23	06.59
0150	06.53	33.137	26.04	4846.2	.455	00.454	003.00	06.52
0175	06.49	33.455	26.29	4848.4	.394	00.501	003.79	06.47
0200	05.99	33.526	26.41	4843.6	.358	00.544	004.61	05.97
0250	05.29	33.558	26.52	4837.4	.298	00.625	006.47	05.27
0300	04.75	33.560	26.58	4833.0	.242	00.701	008.63	04.73
0400	04.32	33.658	26.71	4833.4	.153	00.846	013.80	04.29
0500	04.14	33.768	26.81	4837.4	.085	00.980	020.00	04.11
0600	03.89	33.858	26.91	4840.2	.066	01.106	027.07	03.85
0700	03.65	33.914	26.98	4843.0	.056	01.224	034.95	03.60
0800	03.44	33.962	27.04	4846.1	.047	01.336	043.62	03.38
1000	03.11	34.059	27.15	4853.7	.036	01.547	062.99	03.04
1200	02.73	34.125	27.23	4860.4	.048	01.739	084.75	02.64
1500	02.33	34.190	27.32	4872.8	.058	02.005	121.53	02.23
2000	01.92	34.275	27.42	4896.9	.115	02.406	193.28	01.78
2500	01.71	34.324	27.47	4923.7	.180	02.773	278.25	01.53
3000	01.59	34.340	27.50	4951.5	.224	03.126	378.47	01.37
3500	01.55	34.364	27.52	4980.6	.249	03.474	495.41	01.28

STATION 17
 R.V. "Stranger"

TIME: 1633 DATE: 2-ix-61 LAT: 54° 26' N. LONG: 131° 34' W. SOUNDING: 140 fms.
 WEATHER: 02 WIND: Dir. 180° Speed 30 AIR TEMP: Dry 55° Wet 54° BARO: 1013. mb.
 CLOUD: Type Cu St Amt. 6 SEA: ° SWELL: 180°-5 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	11.48	30.647	23.33	4889.1	.384
0006	11.48	30.650	23.33	4889.5	.508
0014	10.91	31.291	23.93	4885.6	.375
0022	09.66*	31.412	24.23	4871.6	.262
0036	08.08	32.106	25.01	4855.4	.254
0054	07.46	32.416	25.35	4849.8	.246
0072	06.92	32.645	25.60	4844.8	.257
0090	06.49	32.903	25.86	4841.2	.245
0108	06.18	33.085	26.04	4838.9	.239
0130	06.04	33.183	26.14	4838.8	.243
0151	05.80	33.317	26.27	4837.4	.212

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot.Temp. °C
0000	11.48	30.647	23.33	4889.1	.384	00.000	000.00	11.48
0010	11.21	30.952	23.61	4887.7	.445	00.045	000.02	11.21
0020	09.94	31.385	24.17	4874.7	.287	00.085	000.08	09.94
0030	08.69	31.839	24.72	4861.7	.257	00.120	000.17	08.69
0050	07.58	32.355	25.28	4850.9	.248	00.180	000.41	07.58
0075	06.84	32.692	25.65	4844.1	.255	00.244	000.82	06.84
0100	06.31	33.008	25.96	4839.9	.242	00.300	001.31	06.30
0125	06.07	33.162	26.12	4838.8	.242	00.350	001.89	06.06
0150	05.81	33.311	26.26	4837.4	.213	00.397	002.55	05.80

STATION 18
 R.V. "Stranger"

TIME: 1715 DATE: 3-ix-61 LAT: 54° 13' N. LONG: 131° 48' W. SOUNDING: 63 fms.
 WEATHER: 03 WIND: Dir. 245° Speed 10 AIR TEMP: Dry 57° Wet 56° BARO: 1019. mb.
 CLOUD: Type Ac Amt. 7 SEA: °- SWELL: 245°-2 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	11.50	31.495	23.98	4892.5	.552
0010	11.06	31.784	24.29	4889.0	.531
0020	10.80	31.844	24.38	4886.7	.520
0030	10.61	31.972	24.51	4885.6	.498
0050	09.74	32.206	24.84	4877.2	.459
0075	09.22	32.277	24.98	4872.6	.449
0100	08.84*	32.330*	25.08	4869.5	.435

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot.Temp. °C
0000	11.50	31.495	23.98	4892.5	.552	00.000	000.00	11.50
0010	11.06	31.784	24.29	4889.0	.531	00.038	000.02	11.06
0020	10.80	31.844	24.38	4886.7	.520	00.075	000.07	10.80
0030	10.61	31.972	24.51	4885.6	.498	00.110	000.16	10.61
0050	09.74	32.206	24.84	4877.2	.459	00.176	000.43	09.73
0075	09.22	32.277	24.98	4872.6	.449	00.253	000.93	09.21
0100	08.84	32.330	25.08	4869.5	.435	00.328	001.59	08.83

STATION 19
 R.V. "Stranger"

TIME: 0745 DATE: 4-ix-61 LAT: 54° 39' N. LONG: 133° 53' W. SOUNDING: 125 fms.
 WEATHER: 01 WIND: Dir. ° Speed 0 AIR TEMP: Dry 54° Wet 53° BARO: 1012. mb.
 CLOUD: Type Ac Sc Amt. 6 SEA: ° SWELL: 165°-1 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	12.07	31.470	23.86	4899.0	.606
0010	11.77	31.715	24.11	4897.0	.591
0020	11.61	31.778	24.18	4896.0	.580
0030	10.27	32.018	24.60	4881.7	.543
0050	08.56	32.281	25.08	4863.0	.518
0075	07.48	32.504	25.41	4851.6	.522
0100	07.03	32.754	25.67	4848.3	.437
0125	06.73	32.984	25.89	4846.8	.380
0155	06.31	33.277	26.18	4844.2	.316
0180	06.08	33.432	26.33	4843.2	.281

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot. Temp. °C
0000	12.07	31.470	23.86	4899.0	.606	00.000	000.00	12.07
0010	11.77	31.715	24.11	4897.0	.591	00.040	000.02	11.77
0020	11.61	31.778	24.18	4896.0	.580	00.078	000.08	11.61
0030	10.27	32.018	24.60	4881.7	.543	00.114	000.17	10.27
0050	08.56	32.281	25.08	4863.0	.518	00.176	000.42	08.56
0075	07.48	32.504	25.41	4851.6	.522	00.246	000.86	07.47
0100	07.03	32.754	25.67	4848.3	.437	00.308	001.41	07.02
0125	06.73	32.984	25.89	4846.8	.380	00.364	002.06	06.72
0150	06.37	33.232	26.13	4844.6	.326	00.415	002.78	06.36
0175	06.12	33.403	26.30	4843.4	.288	00.461	003.55	06.11

STATION 20
 R.V. "Stranger"

TIME: 1624 DATE: 4-ix-61 LAT: 54° 30' N. LONG: 134° 24' W. SOUNDING: 786 fms.
 WEATHER: 02 WIND: Dir. 320° Speed 25 AIR TEMP: Dry 56° Wet 54° BARO: 1005. mb.
 CLOUD: Type Sc Amt. 6 SEA: °- SWELL: 312°-6 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0000	14.14	31.780	23.70	4923.2	.574
0009	14.11	31.776	23.70	4923.4	.581
0019	14.07	31.789	23.72	4923.6	.588
0028	13.05	32.115	24.17	4914.1	.605
0052	08.77	32.251	25.03	4865.6	.588
0075	07.51	32.389	25.32	4851.6	.600
0106	06.87	32.585	25.56	4845.9	.553
0136	06.84	32.951	25.85	4848.7	.471
0165	06.80	33.252	26.09	4851.1	.375
0193	06.28	33.471	26.33	4846.8	.327
0221	05.97	33.662*	26.52	4845.1	.306

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot. Temp. °C
0000	14.14	31.780	23.70	4923.2	.574	00.000	000.00	14.14
0010	14.11	31.778	23.70	4923.4	.582	00.042	000.02	14.10
0020	13.94	31.830	23.77	4922.4	.590	00.084	000.09	13.94
0030	12.60	32.129	24.27	4909.2	.603	00.124	000.19	12.60
0050	09.06	32.242	24.97	4869.0	.589	00.191	000.45	09.05
0075	07.51	32.389	25.32	4851.6	.600	00.262	000.91	07.50
0100	06.98	32.552	25.52	4846.8	.561	00.327	001.49	06.97
0125	06.85	32.826	25.75	4847.7	.499	00.387	002.18	06.84
0150	06.82	33.103	25.97	4849.9	.422	00.442	002.95	06.81
0175	06.61	33.334	26.18	4849.5	.357	00.491	003.77	06.59
0200	06.20	33.521	26.38	4846.3	.321	00.536	004.63	06.18

STATION 21
 R.V. "Stranger"

TIME: 1050 DATE: 5-ix-61 LAT: 54° 23' N. LONG: 135° 04' W. SOUNDING: 1396 fms.
 WEATHER: 01 WIND: Dir. 280° Speed 15 AIR TEMP: Dry 60° Wet 56° BARO: 1017. mb.
 CLOUD: Type Cu Ci Amt. 3 SEA: °- SWELL: 270°-4 SECCHI DISC: m.

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/1
0600a	03.68	33.933	26.99	4837.5	.041
0800a	03.26	34.052	27.13	4844.0	.034
1000c	03.00	34.098	27.19	4852.4	.035
1200a	02.66	34.142	27.25	4859.6	.048
1500a	02.26	34.220	27.35	4871.9	.079
2000c	01.88	34.266	27.42	4896.3	.157
2200a	01.76	34.327	27.47	4906.7	.174
2300a	01.72	34.337	27.48	4912.0	.198

INTERPOLATED DATA

Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/1	ΔD	P.E.	Pot.Temp. °C
0600	03.68	33.933	26.99	4837.5	.041			03.64
0700	03.46	33.997	27.06	4840.6	.037			03.41
0800	03.26	34.052	27.13	4844.0	.034			03.20
1000	03.00	34.098	27.19	4852.4	.035			02.93
1200	02.66	34.142	27.25	4859.6	.048			02.58
1500	02.26	34.220	27.35	4871.9	.079			02.16
2000	01.88	34.266	27.42	4896.3	.157			01.74

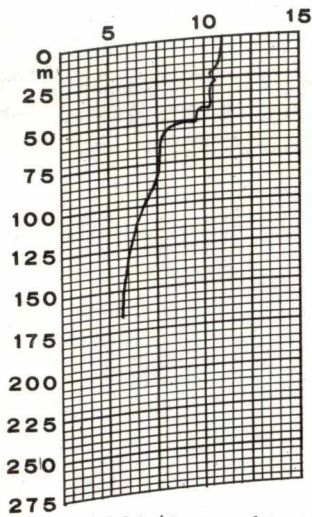
STATION 22
R.V. "Stranger"

TIME: 0455 DATE: 6-ix-61 LAT: 54° 07' N. LONG: 135° 50' W. SOUNDING: 1468 fms.
WEATHER: 00 WIND: Dir. 320° Speed 15 AIR TEMP: Dry 57° Wet 53° BARO: 1021. mb.
CLOUD: Type Amt. 4 SEA: ° SWELL: 320°-2 SECCHI DISC: m.

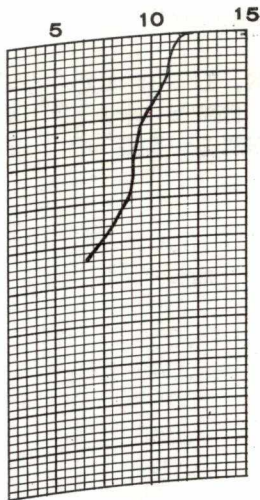
Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l
0600b	03.56	33.958	27.02	4836.0	.039
0800a	02.80	34.107	27.21	4837.7	.042
1000c	02.57	34.160	27.27	4846.5	.057
1200a	02.33	34.197	27.32	4855.1	.062
1500a	02.08	34.244	27.38	4869.4	.099
2000b	01.88	34.297	27.44	4896.4	.144
2300a	01.76	34.315	27.46	4912.5	.178
2400b	01.44	34.338	27.51	4913.9	.223

INTERPOLATED DATA

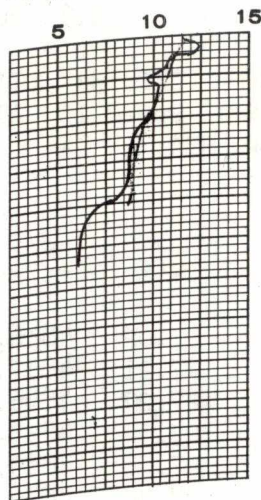
Depth m.	Temp. °C	S ‰	σ_t	S/V ft/sec	D.O. mg.at/l	ΔD	P.E.	Pot.Temp. °C
0600	03.56	33.958	27.02	4836.0	.039			03.52
0700	03.15	34.038	27.13	4836.5	.041			03.11
0800	02.80	34.107	27.21	4837.7	.042			02.75
1000	02.57	34.160	27.27	4846.5	.057			02.50
1200	02.33	34.197	27.32	4855.1	.062			02.25
1500	02.08	34.244	27.38	4869.4	.099			01.98
2000	01.88	34.297	27.44	4896.4	.144			01.74



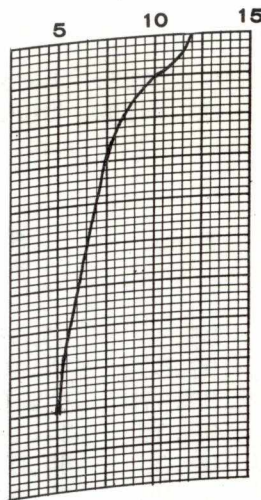
1330/2-ix-61
 Station 1



1600/3-ix-61
 Station 2

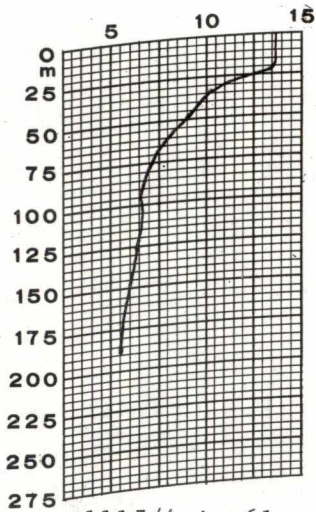


1915/3-ix-61
 Station 3

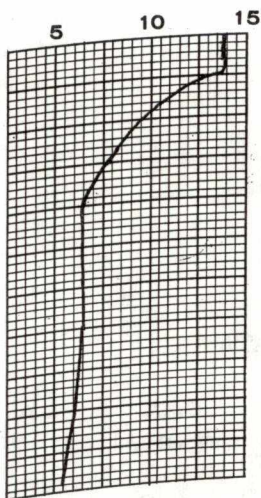


0505/4-ix-61
 Station 4

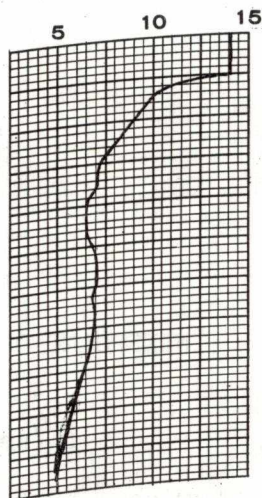
Area 2



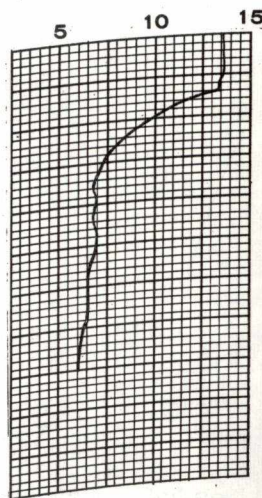
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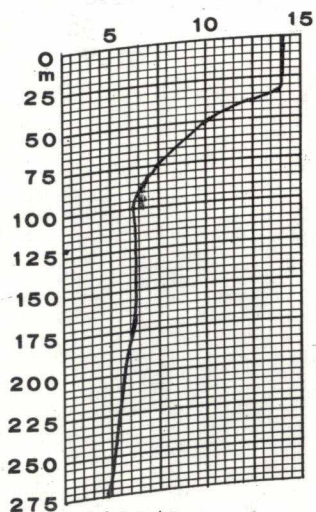
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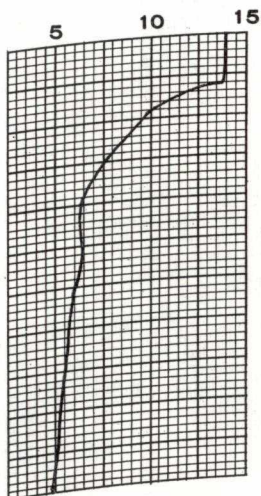
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 134° 20' w



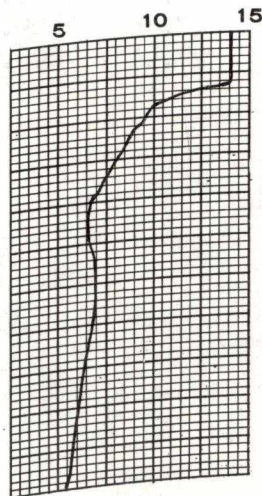
2330/4-ix-61
 54° 25' n
 134° 44' w



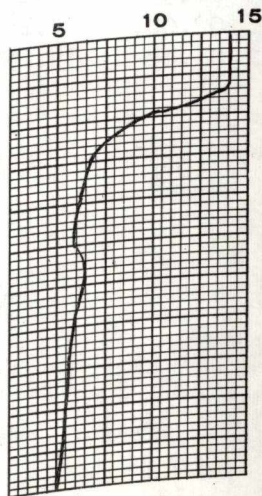
1405/5-ix-61
 Station 8



1620/5-ix-61
 54° 13' n
 135° 26' w

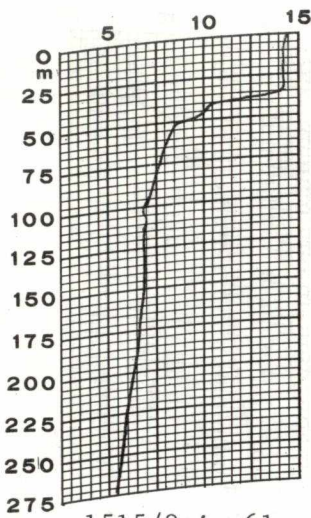


2200/5-ix-61
 54° 51' n
 135° 59' w

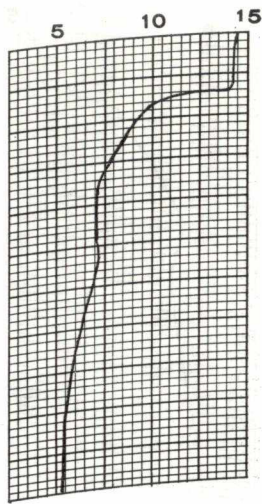


0001/6-ix-61
 Station 9

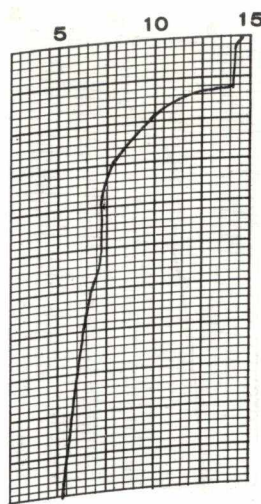
Area 3



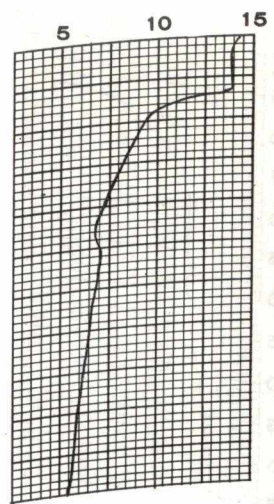
1515/8-ix-61
53° 19.0'n
133° 42.5'w



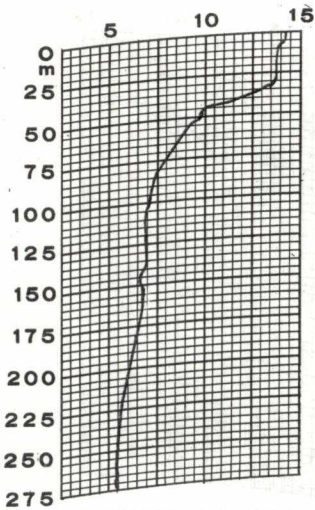
1540/8-ix-61
53° 18.4'n
133° 41.8'w



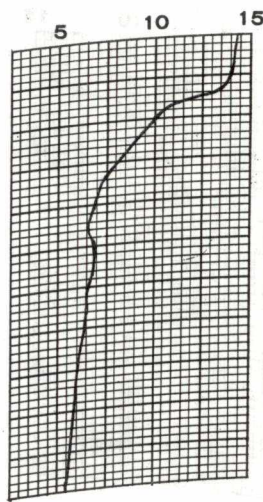
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53° 17.7'n
133° 41.3'w



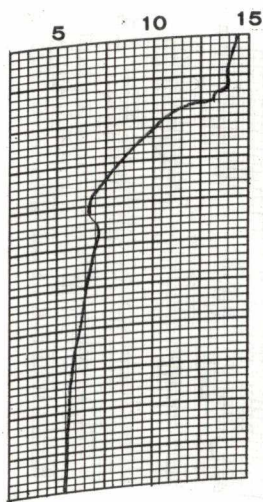
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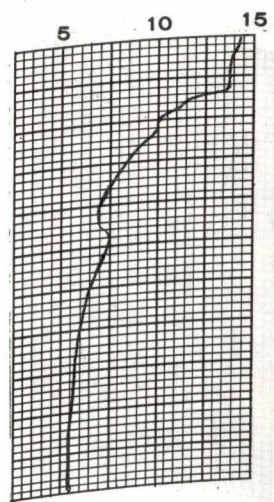
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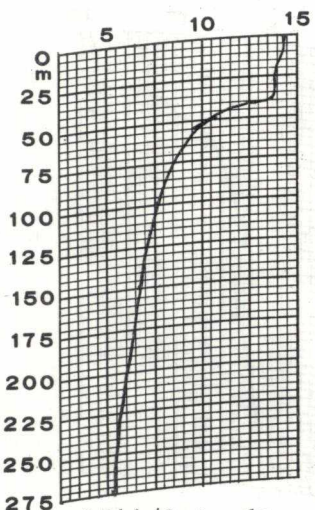
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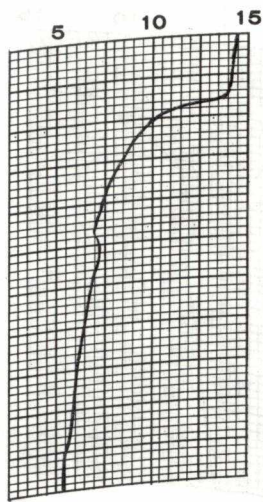
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53° 12.1'n
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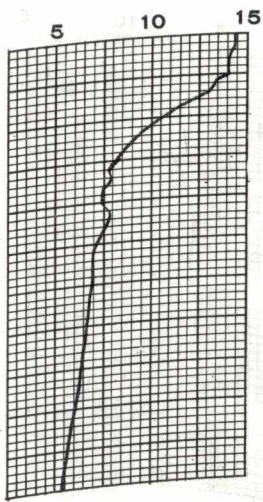
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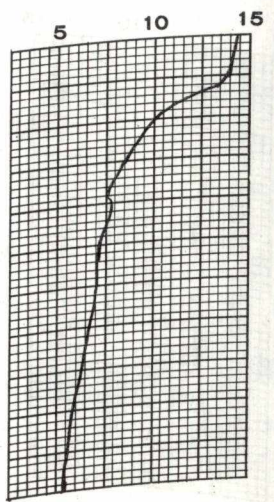
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53° 09.2'n
133° 33.3'w



1805/8-ix-61
53° 07.9'n
133° 31.5'w

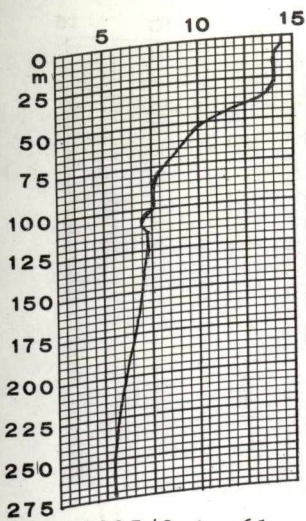


1822/8-ix-61
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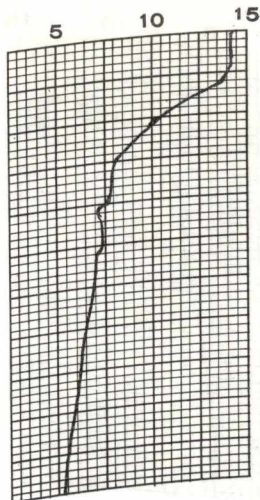


1837/8-ix-61
53° 05.3'n
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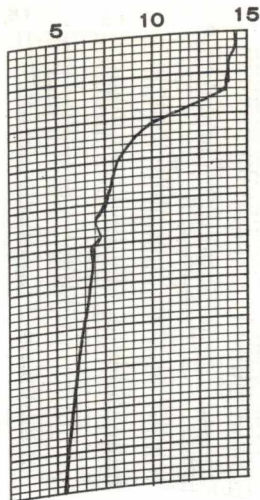
Area 3



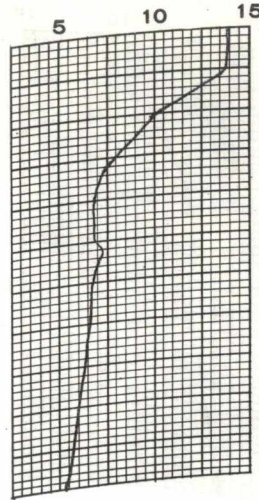
1905/8-ix-61
 53° 03.8'n
 133° 26.4'w



1920/8-ix-61
 53° 02.7'n
 133° 24.2'w

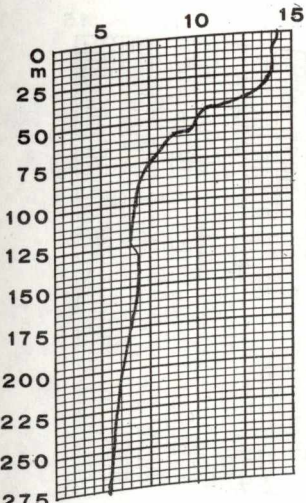


1940/8-ix-61
 53° 01.2'n
 133° 22.2'w

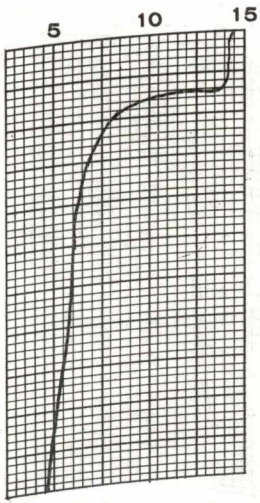


1955/8-ix-61
 52° 59.8'n
 133° 20.2'w

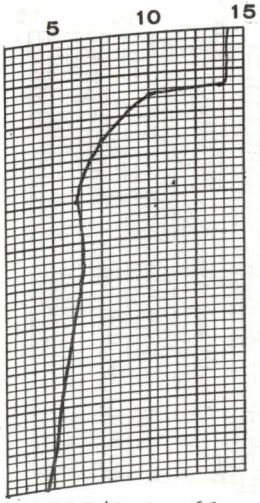
Area 4



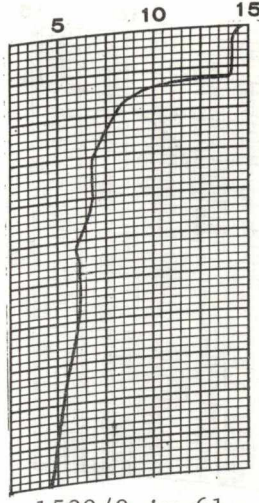
2010/8-ix-61
 Station 14



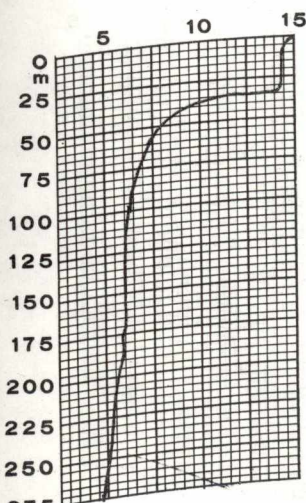
1200/9-ix-61
 Station 15



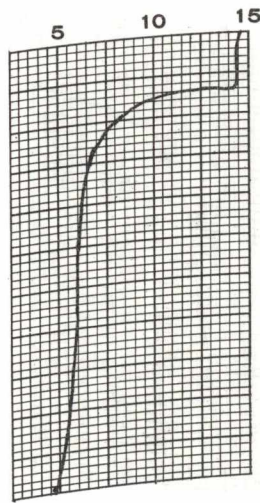
1515/9-ix-61
 51° 21.1'n
 136° 09.3'w



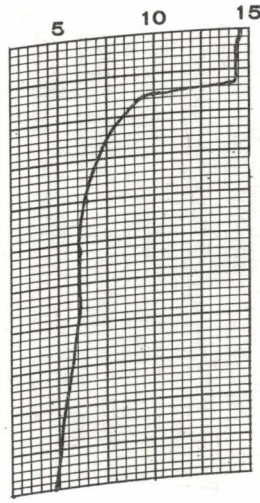
1530/9-ix-61
 51° 20.7'n
 136° 07.1'w



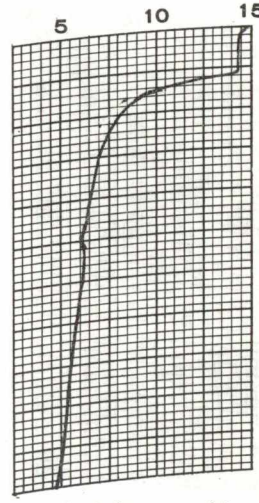
1545/9-ix-61
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 136° 05.2'w



1600/9-ix-61
 51° 19.9'n
 136° 03.2'w

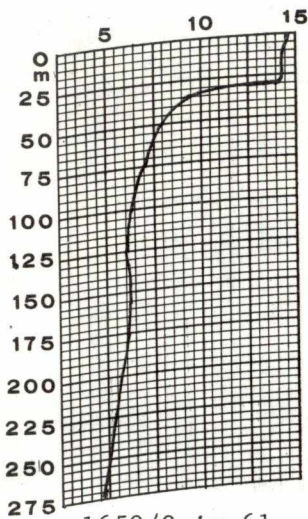


1620/9-ix-61
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 136° 01.3'w

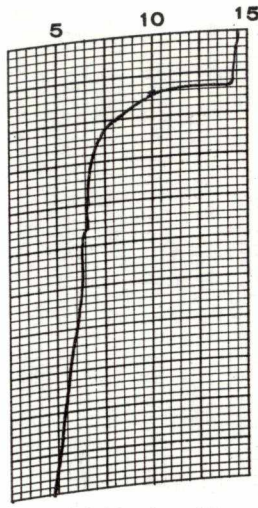


1632/9-ix-61
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 135° 59'w

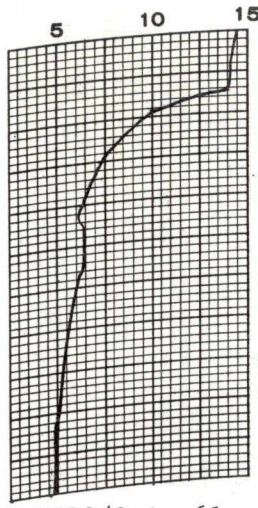
Area 4



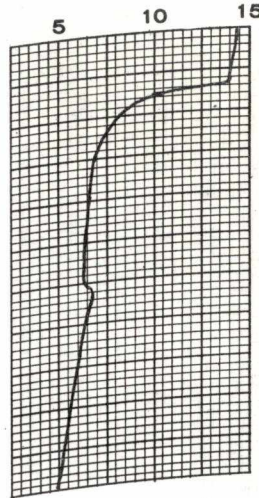
1650/9-ix-61
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135° 57.2'w



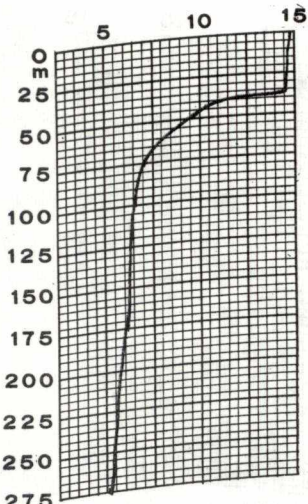
1708/9-ix-61
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135° 55.5'w



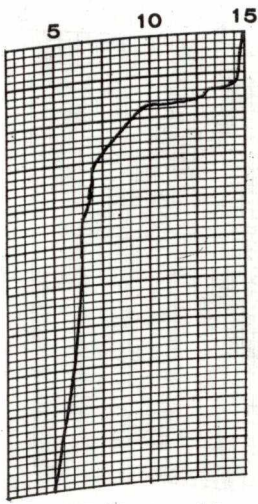
1723/9-ix-61
51° 17.7'n
135° 53.9'w



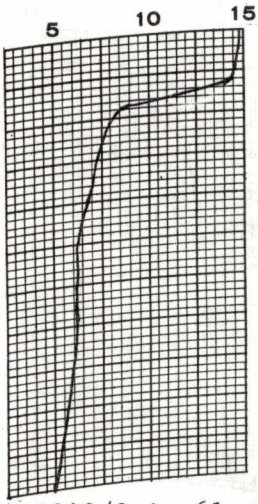
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135° 52.2'w



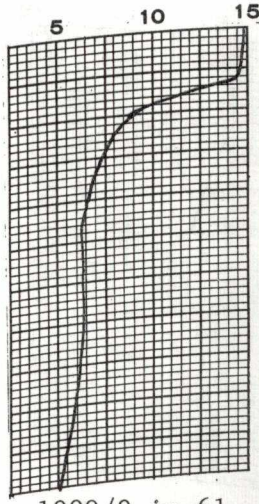
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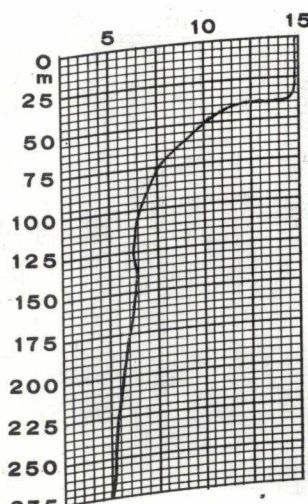
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135° 44.9'w



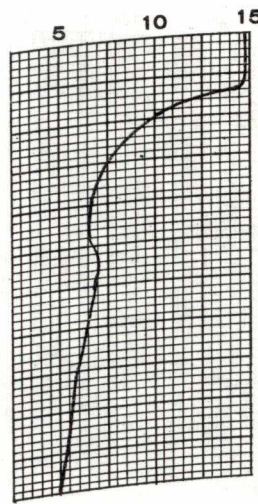
1840/9-ix-61
51° 14.8'n
135° 41.2'w



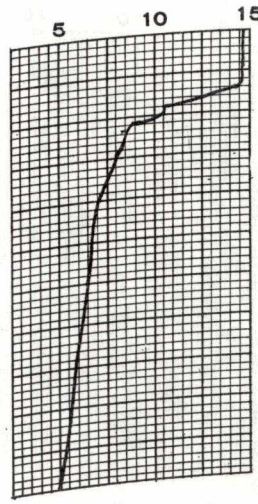
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51° 14.0'n
135° 37.8'w



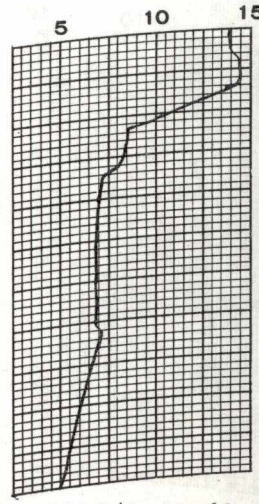
1920/9-ix-61
51° 13.5'n
135° 35.0'w



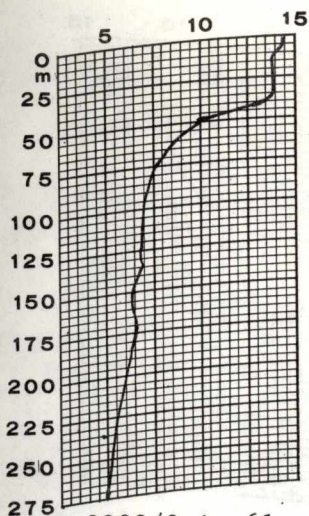
1940/9-ix-61
51° 13.1'n
135° 33.2'w



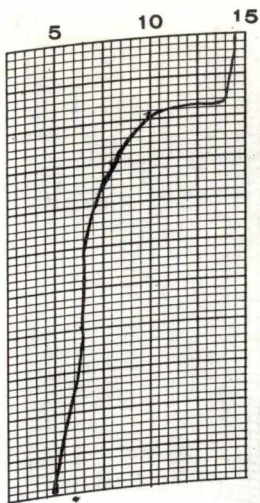
1955/9-ix-61
51° 12.7'n
135° 31.7'w



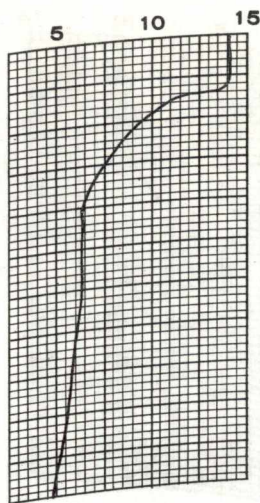
2013/9-ix-61
51° 12.3'n
135° 29.8'w



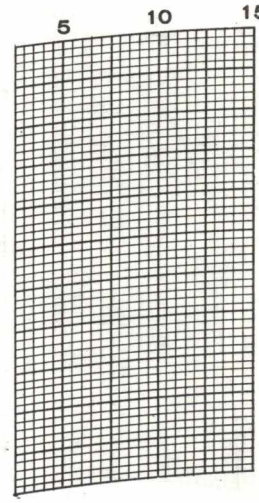
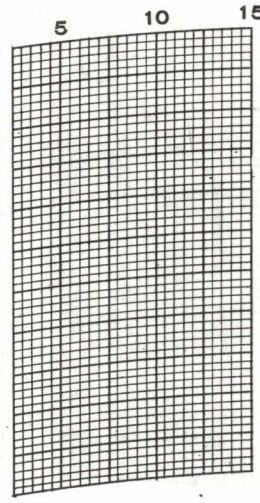
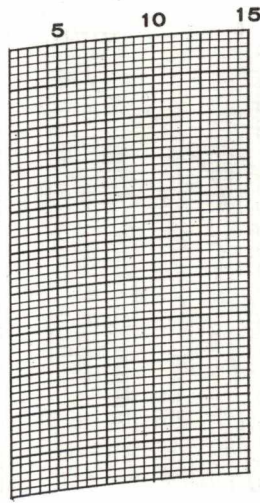
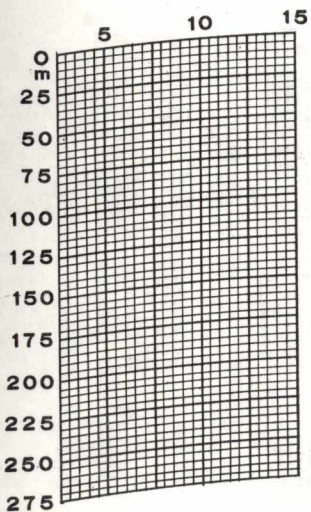
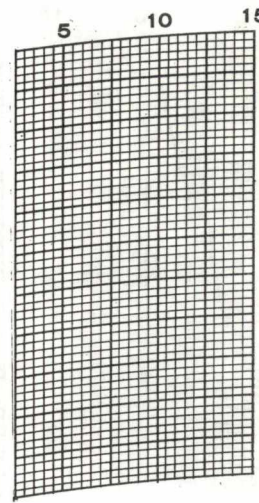
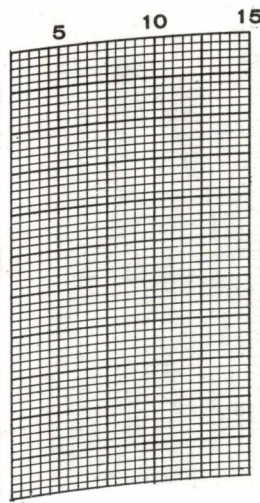
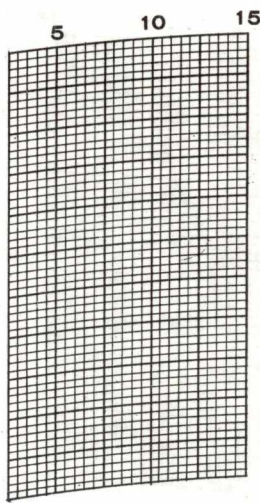
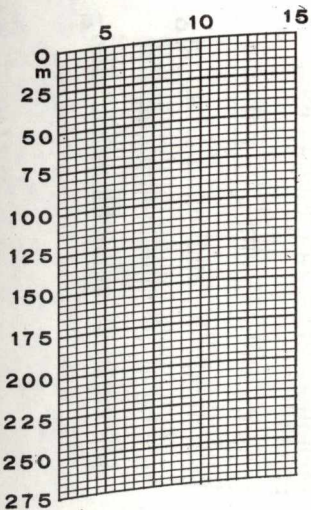
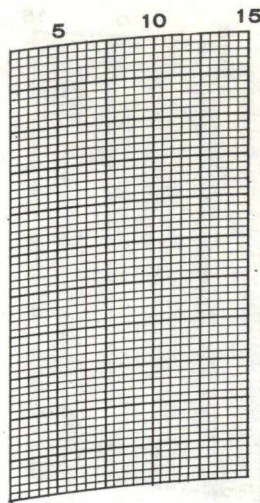
2028/9-ix-61
51° 11.8'n
135° 28.1'w



2049/9-ix-61
Station.16

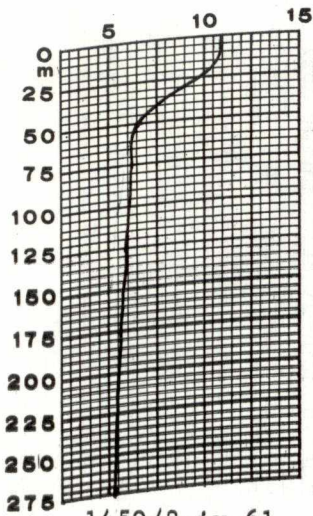


0800/5-ix-61
Station 7

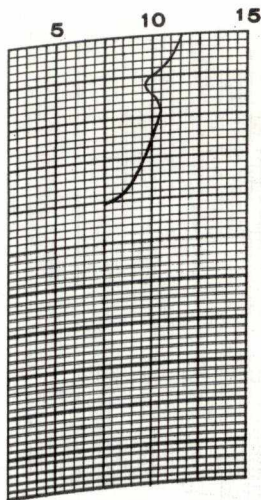


C.N.A.V. "Whitethroat"

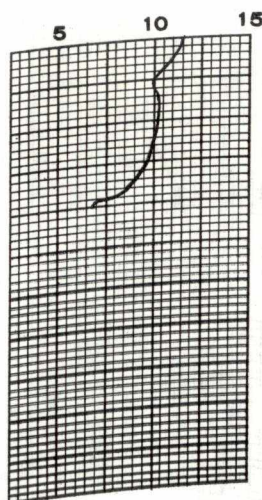
Area 1



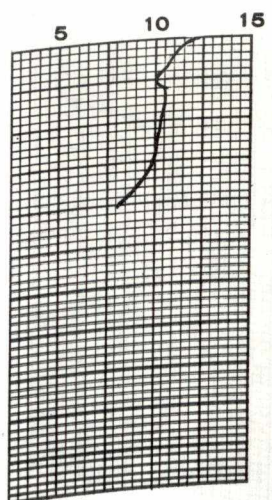
1450/2-ix-61
 54° 32'n
 131° 44'w



1705/3-ix-61
 54° 13'n
 132° 00'w

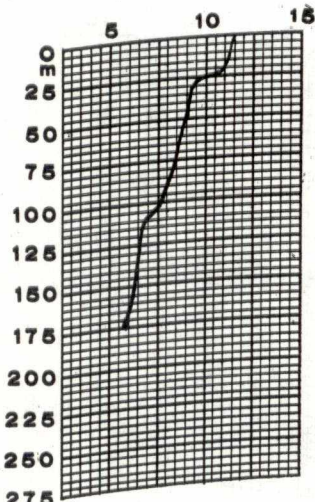


1800/3-ix-61
 54° 12'n
 132° 00'w

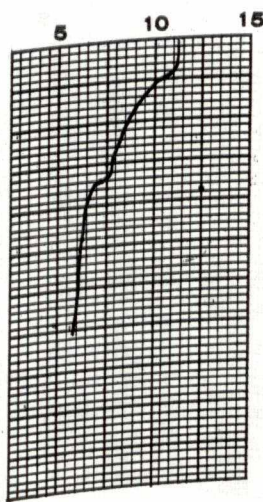


1845/3-ix-61
 54° 11.5'n
 131° 59.4'w

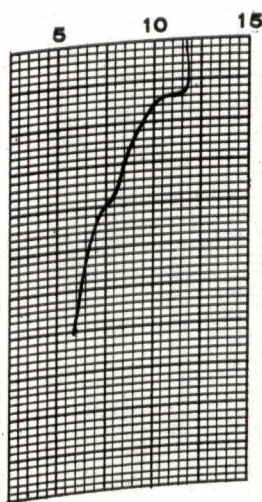
Area 2



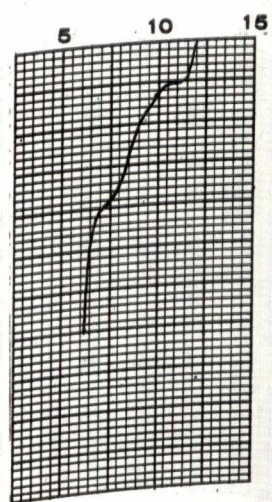
0605/4-ix-61
 54° 57'n
 134° 07'w



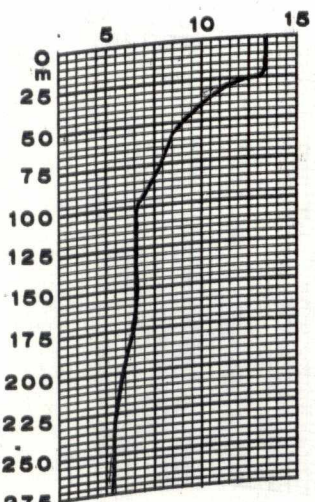
0850/4-ix-61
 54° 56.4'n
 134° 05'w



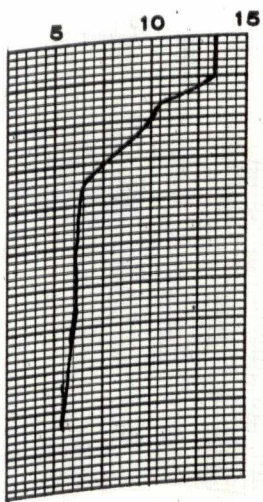
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 134° 05'w



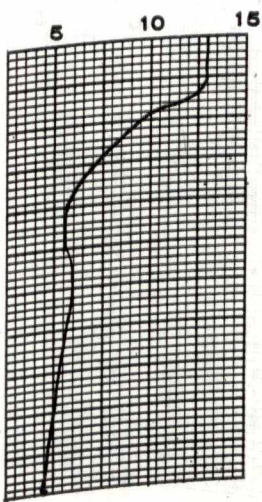
1120/4-ix-61
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 134° 05'w



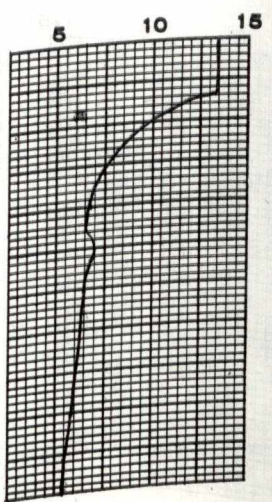
1625/4-ix-61
 54° 45'n
 134° 37'w



0500/5-ix-61
 54° 48'n
 134° 59'w

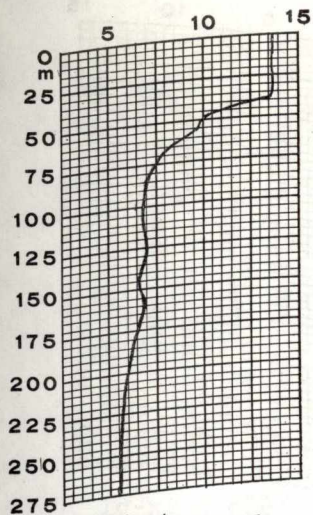


0745/5-ix-61
 54° 35'n
 135° 28'w

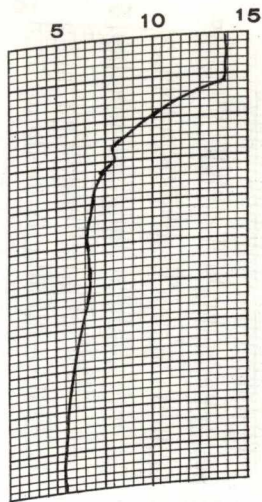


1110/5-ix-61
 54° 34'n
 135° 27'w

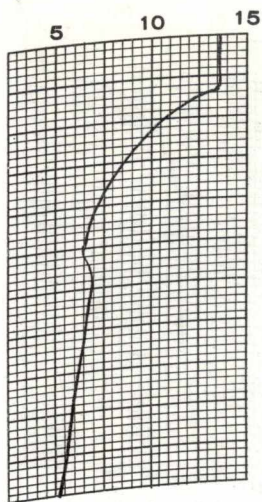
Area 2



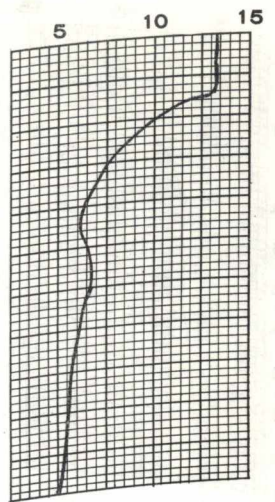
1340/5-ix-61
54° 34'N
135° 25'W



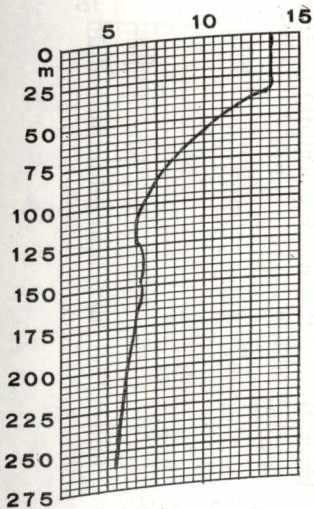
1825/5-ix-61
54° 33'N
135° 39'W



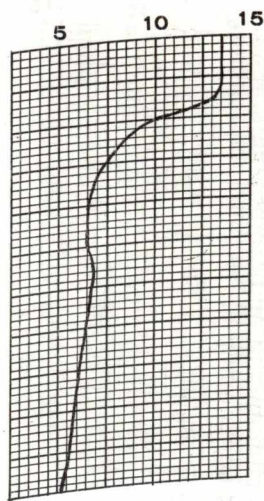
2010/5-ix-61
54° 32'N
135° 38'W



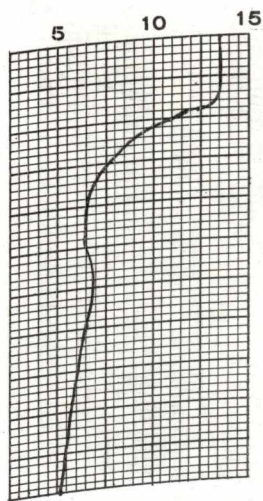
0415/6-ix-61
54° 20'N
135° 58'W



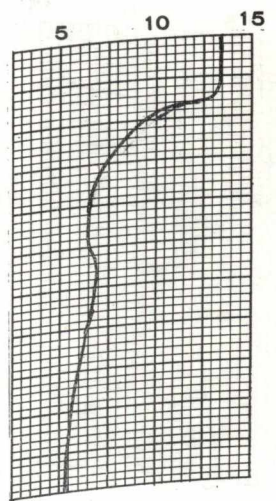
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54° 20'N
135° 58'W



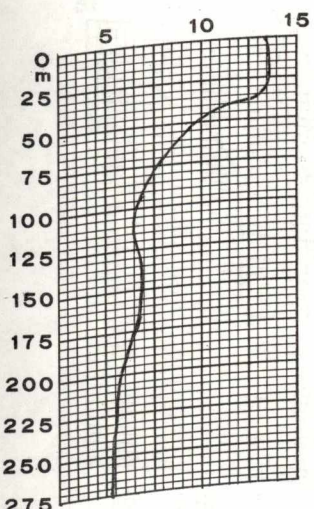
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54° 20'N
135° 58'W



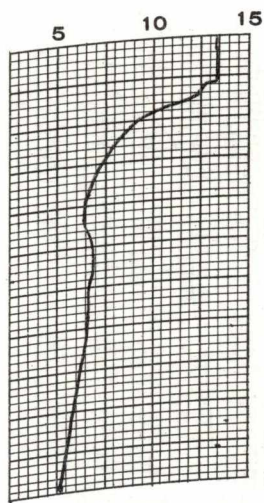
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54° 20'N
135° 58'W



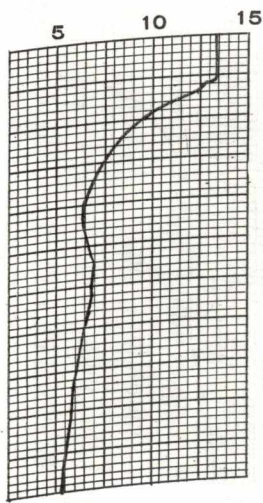
0455/6-ix-61
54° 20'N
135° 58'W



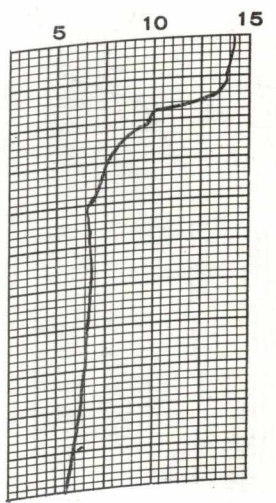
0515/6-ix-61
54° 20'N
135° 58'W



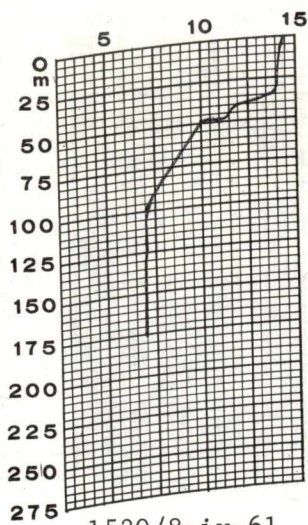
0522/6-ix-61
54° 20'N
135° 58'W



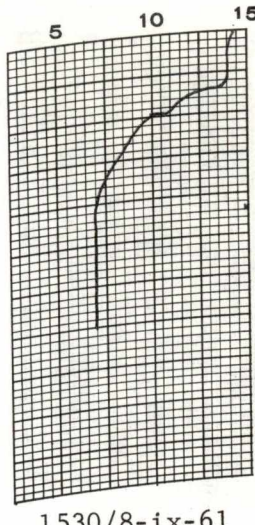
0530/6-ix-61
54° 20'N
135° 58'W



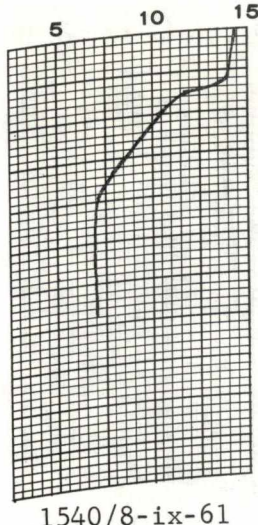
1555/6-ix-61
53° 25'N
133° 55'W



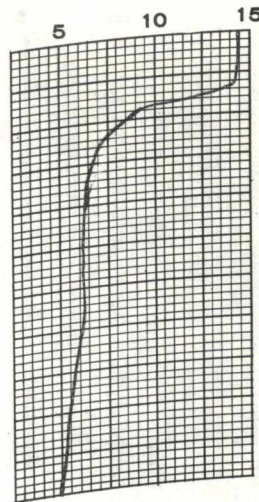
1520/8-ix-61
53° 26'n
133° 48'w



1530/8-ix-61
53° 26'n
133° 48'w

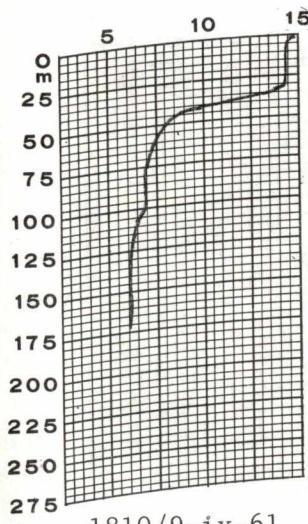


1540/8-ix-61
53° 26'n
133° 48'w

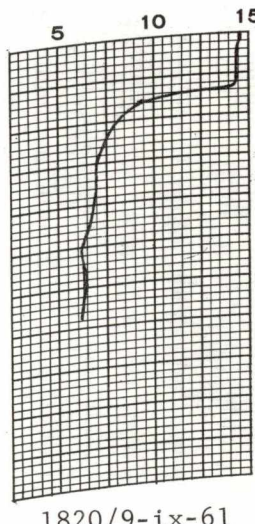


1235/9-ix-61
51° 21'n
136° 09'w

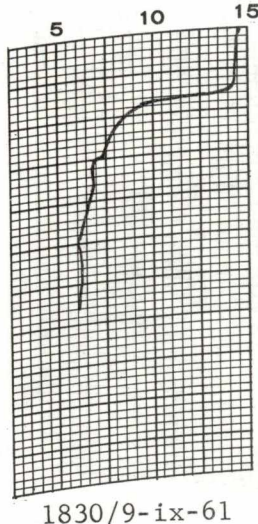
Area 4



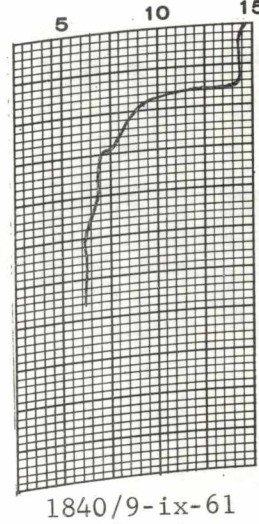
1810/9-ix-61
51° 19'n
136° 03'w



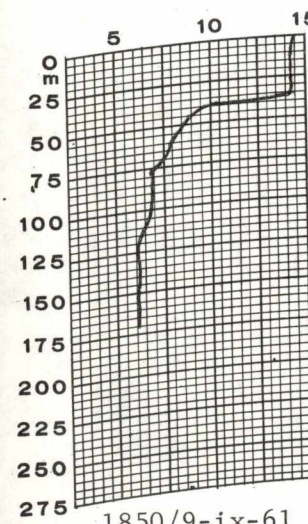
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136° 03'w



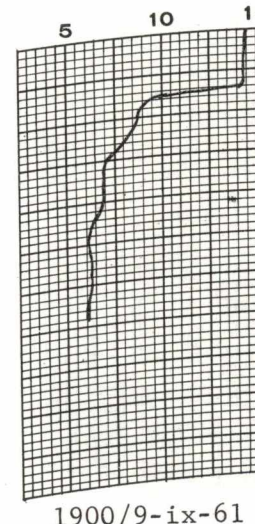
1830/9-ix-61
51° 19'n
136° 03'w



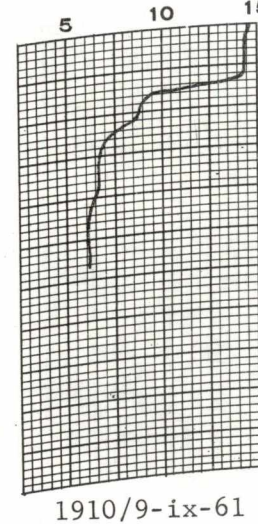
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136° 03'w



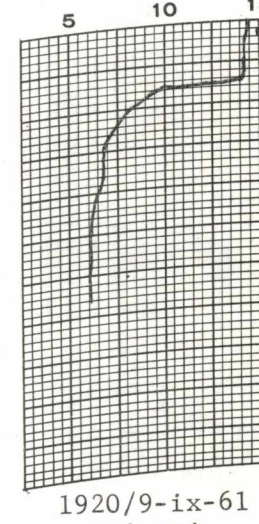
1850/9-ix-61
51° 19'n
136° 03'w



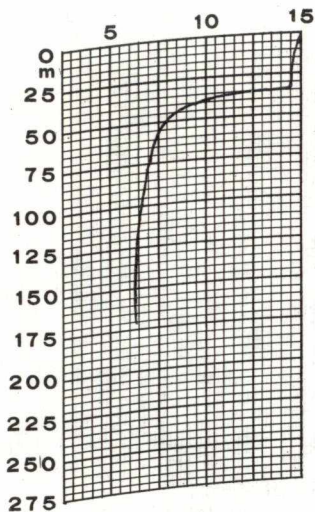
1900/9-ix-61
51° 19'n
136° 03'w



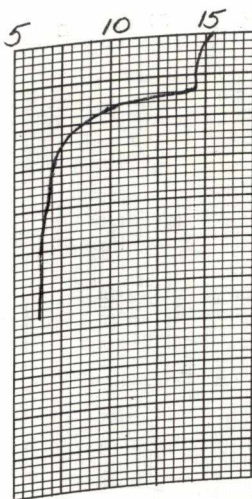
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136° 03'w



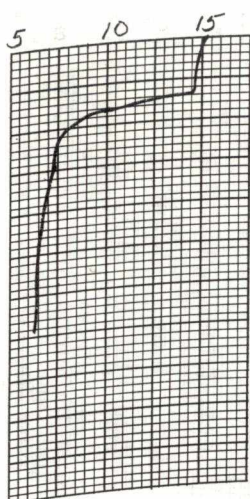
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51° 19'n
136° 03'w



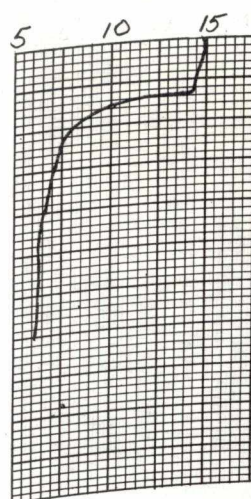
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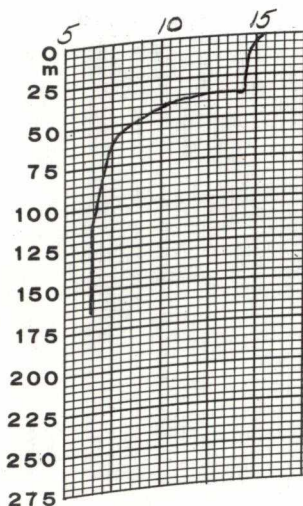
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51° 15'n
135° 46'w



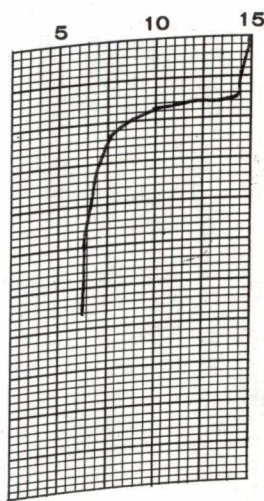
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51° 15'n
135° 46'w



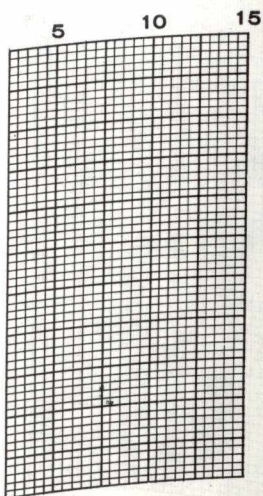
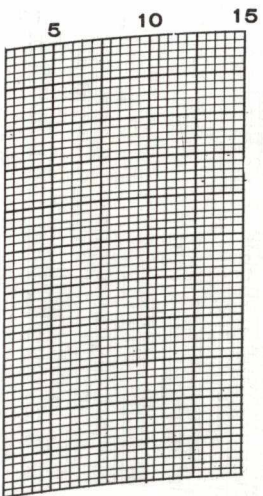
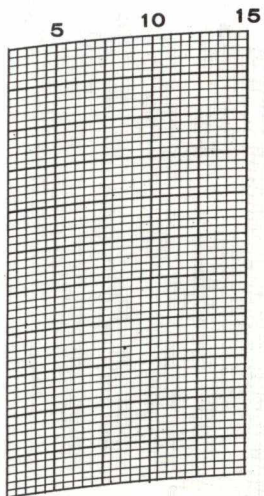
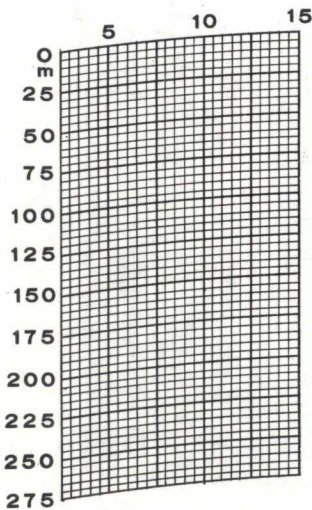
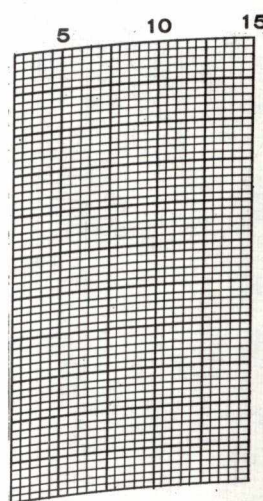
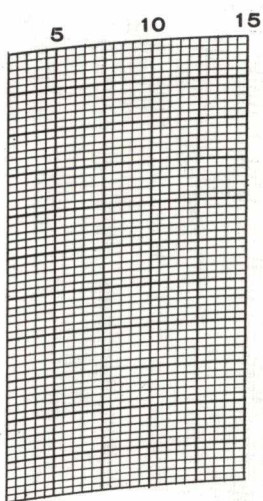
1920/10-ix-61
51° 15'n
135° 46'w



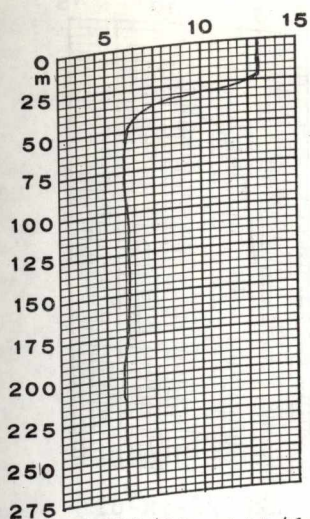
1930/10-ix-61
51° 15'n
135° 46'w



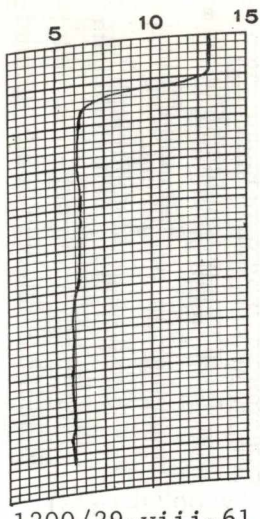
1940/10-ix-61
51° 15'n
135° 46'w



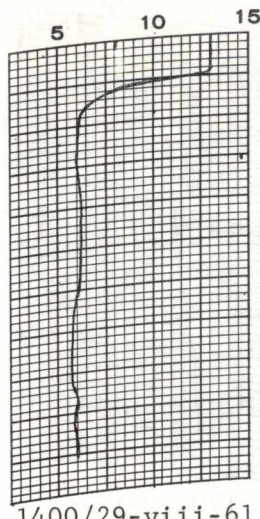
M.V. "Hugh M. Smith"



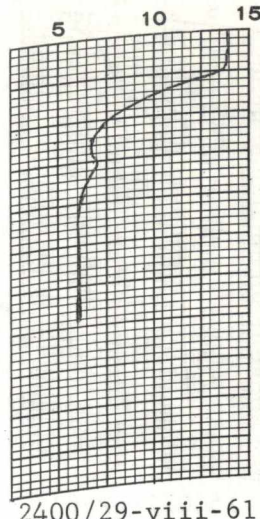
1000/29-viii-61
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 140° 22.0'w



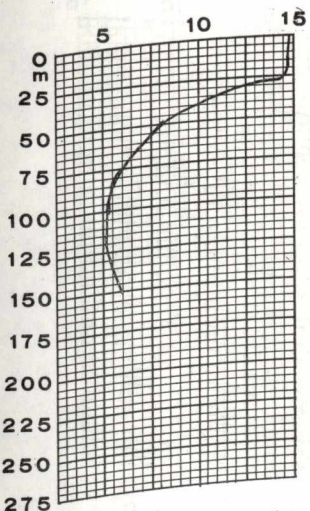
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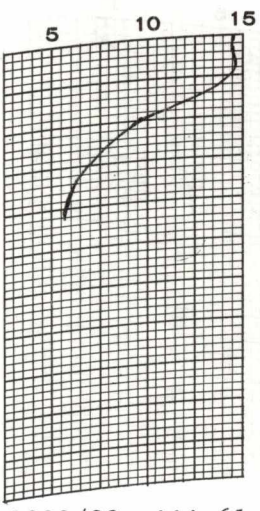
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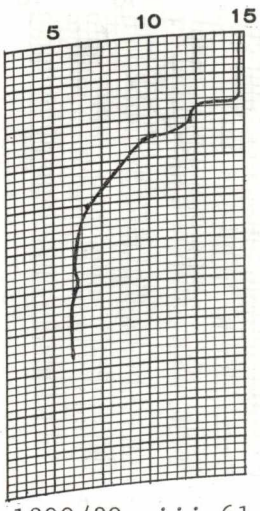
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 138° 30.0'w



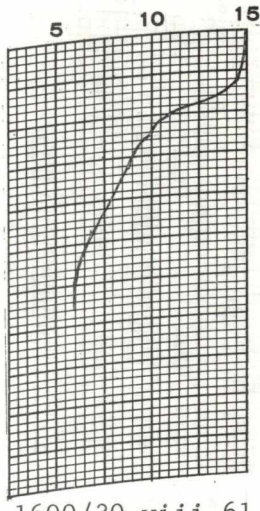
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 137° 28.0'w



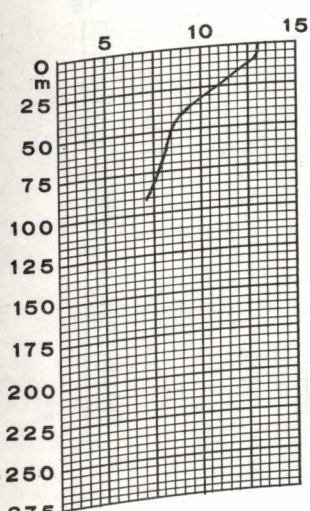
0800/30-viii-61
 56° 01.0'n
 136° 32.0'w



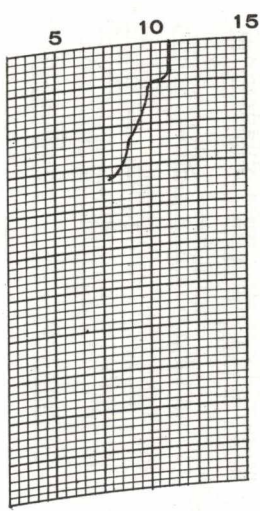
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 135° 36.5'w



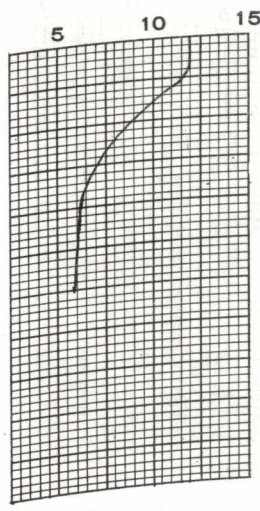
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 55° 19.2'n
 134° 44.0'w



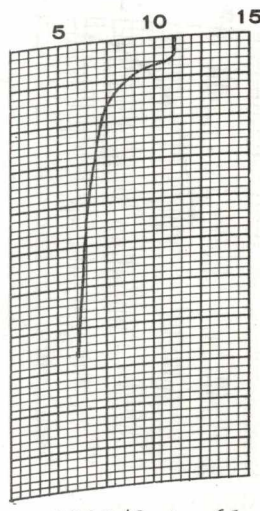
2000/30-viii-61
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 133° 56.4'w



2400/30-viii-61
 54° 38.0'n
 132° 54.6'w

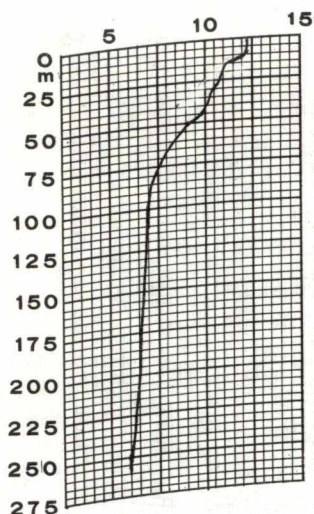


1115/2-ix-61
 54° 26.5'n
 131° 26.5'w

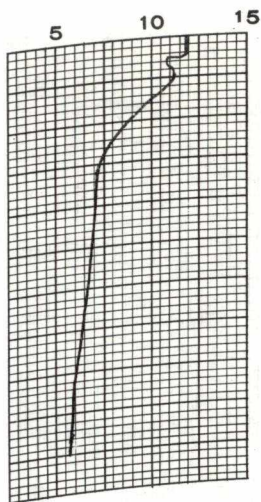


1300/2-ix-61
 54° 36.9'n
 131° 46.0'w

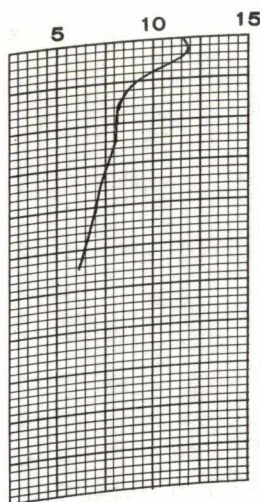
Area 1



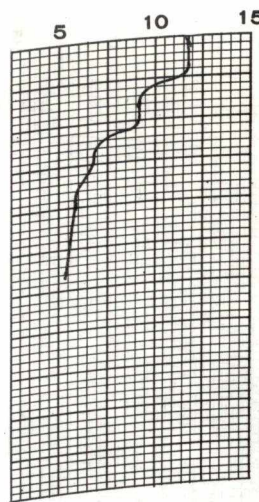
1500/2-ix-61
54° 42.3'n
131° 46.5'w



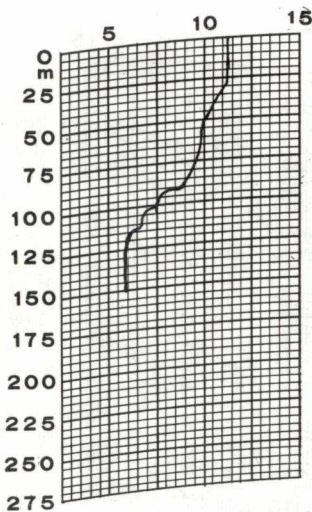
1700/2-ix-61
54° 40.5'n
131° 43.5'w



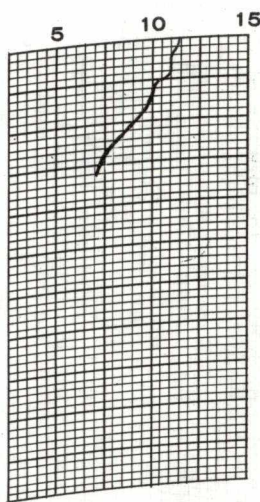
2000/2-ix-61
54° 41.5'n
131° 52.0'w



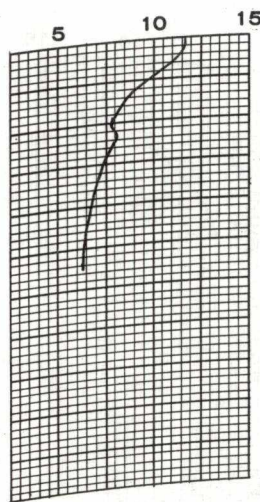
2200/2-ix-61
54° 25.5'n
131° 51.0'w



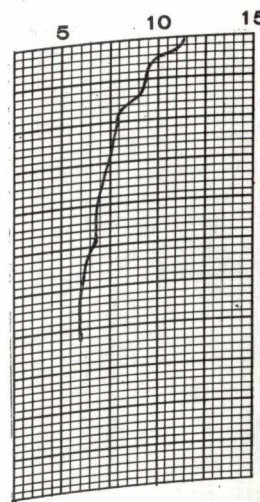
1745/3-ix-61
54° 13.0'n
131° 12.3'w



2000/3-ix-61
54° 17.7'n
132° 23.4'w

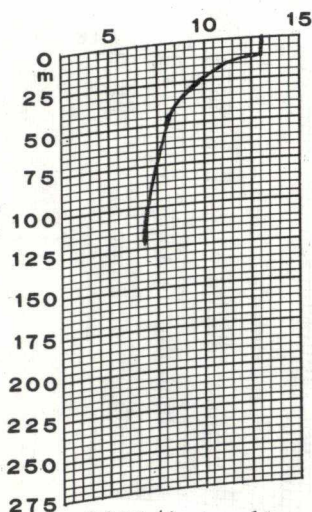


2200/3-ix-61
54° 27.3'n
132° 47.5'w

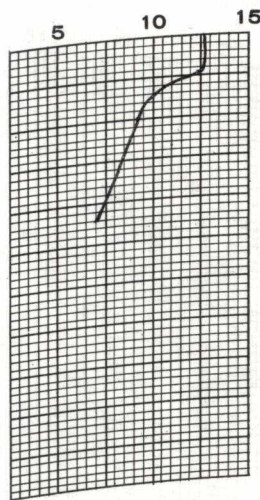


2350/3-ix-61
54° 38.0'n
133° 08.7'w

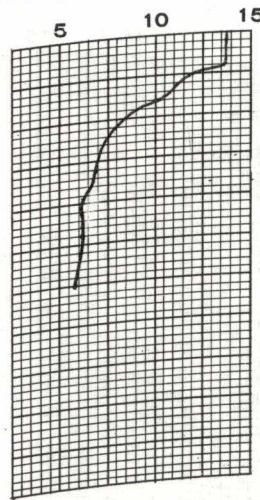
Area 2



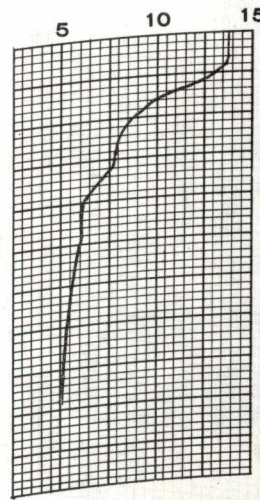
0200/4-ix-61
54° 47.0'n
133° 39.0'w



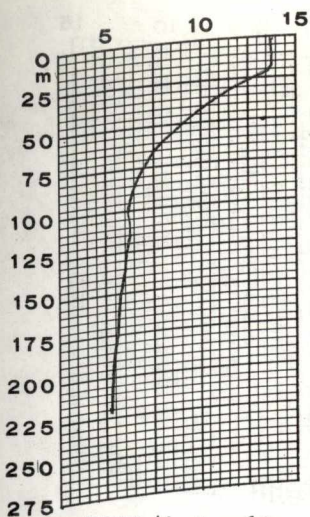
0400/4-ix-61
55° 00.2'n
134° 00.0'w



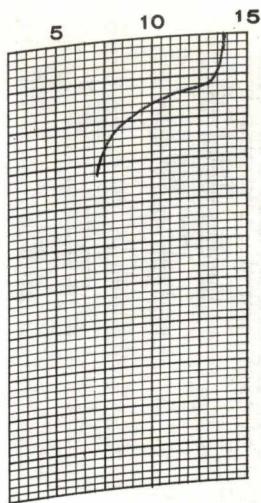
0600/4-ix-61
55° 14.7'n
134° 24.0'w



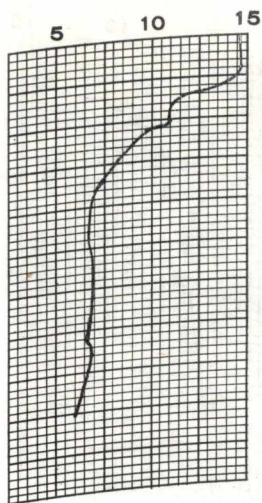
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55° 14.7'n
134° 24.0'w



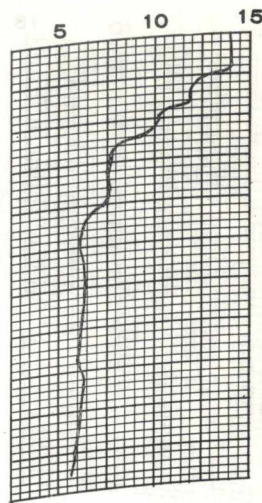
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134° 24.0'w



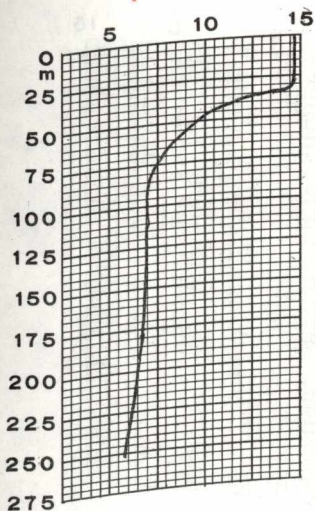
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134° 55.1'w



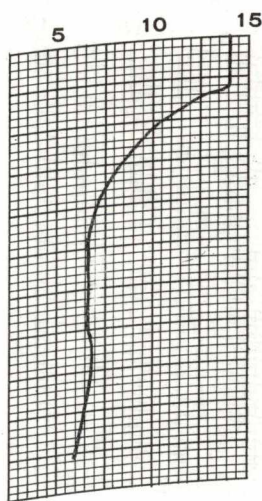
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55° 04.2'n
134° 56.5'w



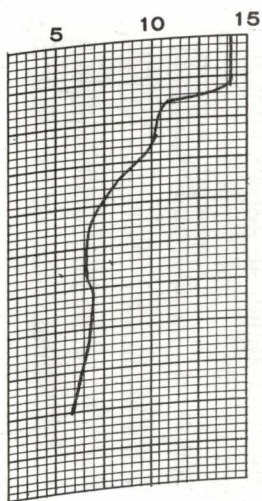
1800/4-ix-61
55° 04.2'n
134° 56.5'w



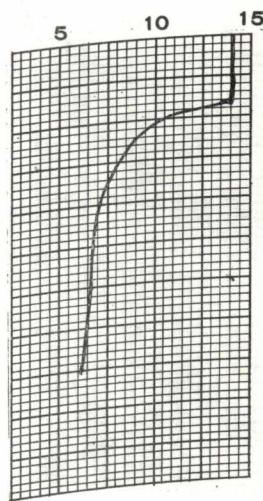
2200/4-ix-61
55° 02.0'n
135° 22.0'w



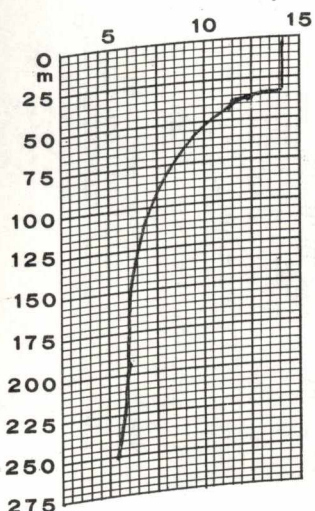
0120/5-ix-61
54° 59.0'n
135° 17.0'w



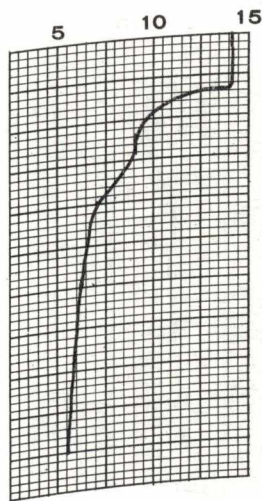
0440/5-ix-61
54° 54.5'n
135° 10.0'w



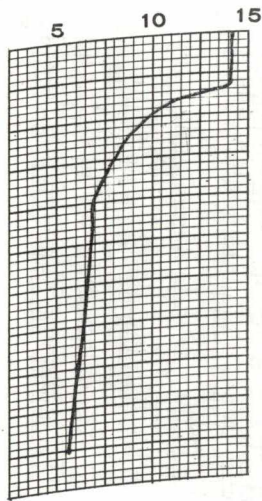
0800/5-ix-61
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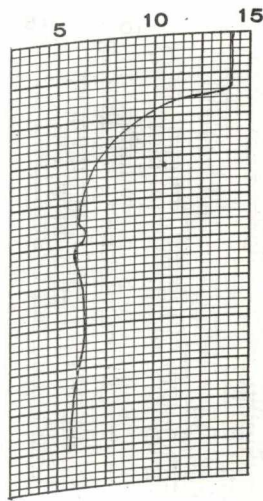
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54° 56.0'n
135° 32.5'w



1200/5-ix-61
54° 56.0'n
135° 32.5'w

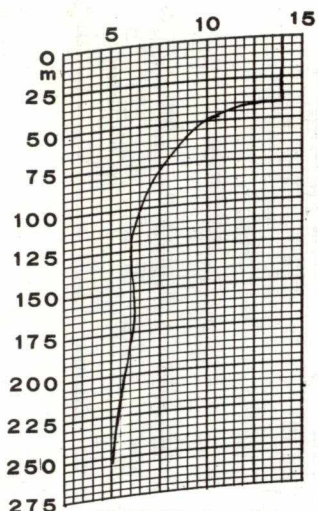


1400/5-ix-61
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135° 32.5'w

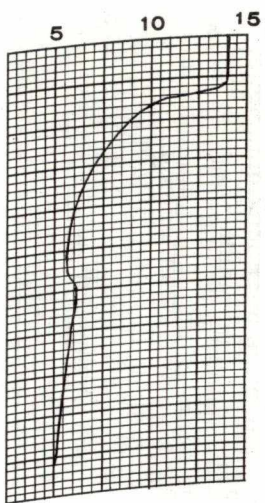


1730/5-ix-61
54° 49.7'n
135° 37.6'w

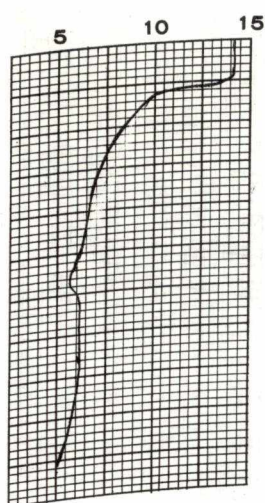
Area 2



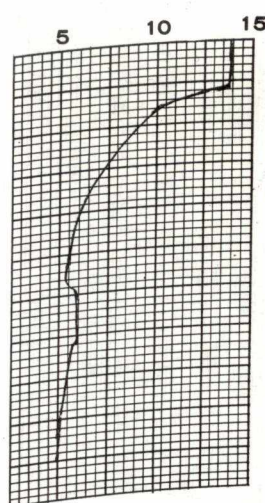
2000/5-ix-61
 54° 49.7'n
 135° 37.6'w



0200/6-ix-61
 54° 43.6'n
 136° 22.0'w

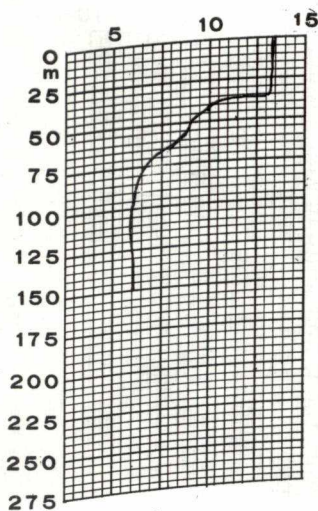


0400/6-ix-61
 54° 43.6'n
 136° 22.0'w

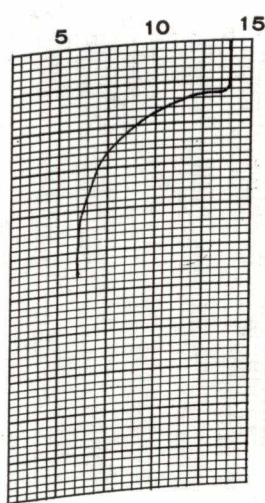


0600/6-ix-61
 54° 43.6'n
 136° 22.0'w

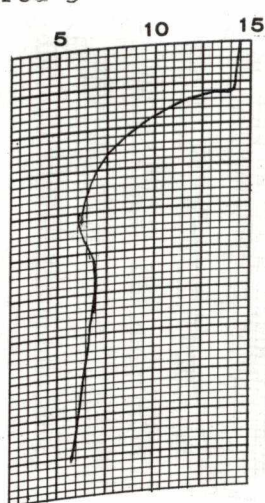
Area 3



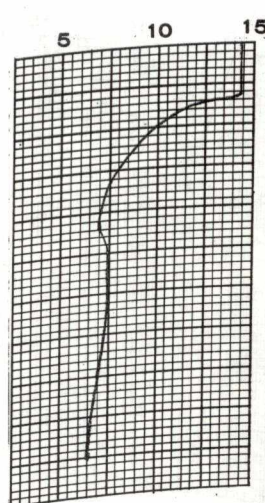
0830/6-ix-61
 54° 33.0'n
 135° 55.6'w



1030/6-ix-61
 54° 19.5'n
 135° 32.0'w

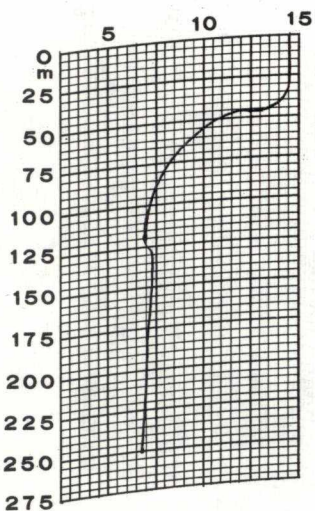


1730/6-ix-61
 53° 45.0'n
 134° 25.0'w

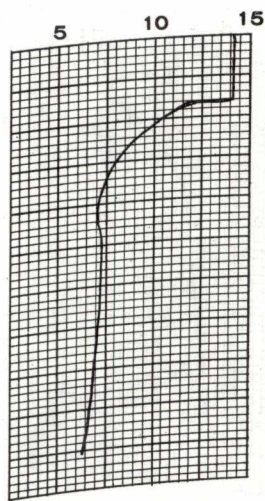


1745/6-ix-61
 53° 45.0'n
 134° 25.0'w

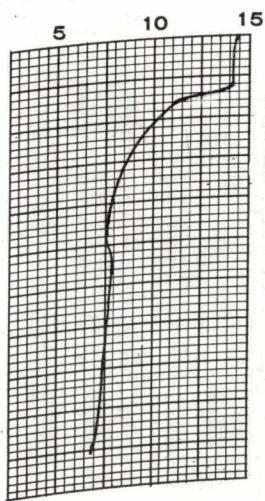
Area 3



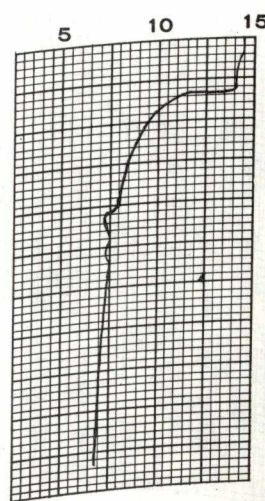
2000/6-ix-61
 53° 43.5'n
 134° 23.0'w



0720/8-ix-61
 53° 31.0'n
 133° 57.0'w

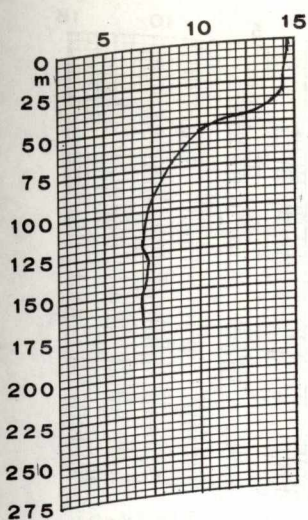


1600/8-ix-61
 53° 08.3'n
 133° 22.2'w

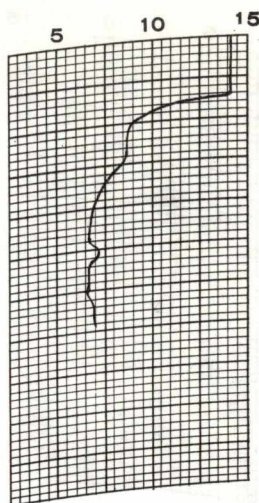


1800/8-ix-61
 53° 08.3'n
 133° 22.2'w

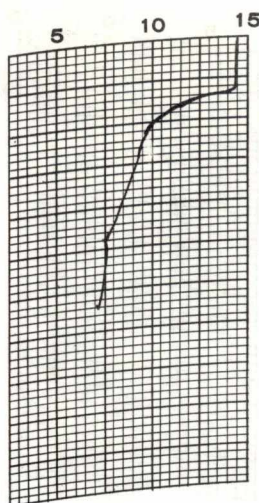
Area 4



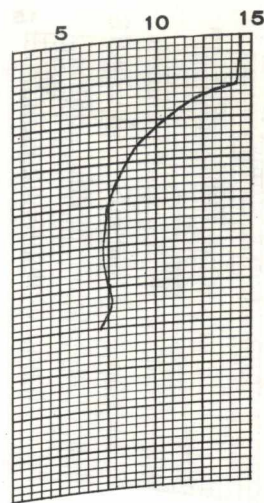
2000/8-ix-61
53° 00.3'n
133° 36.0'w



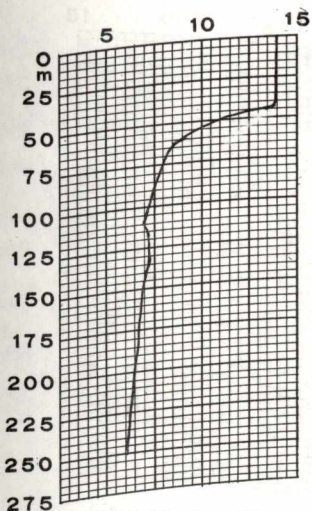
2400/8-ix-61
52° 31.0'n
134° 19.0'w



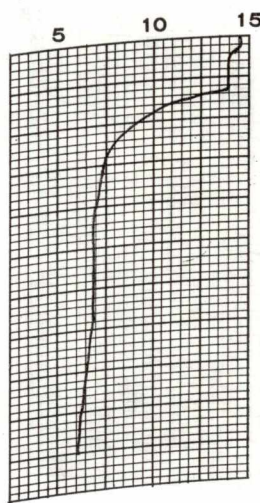
0400/9-ix-61
52° 02.0'n
134° 45.0'w



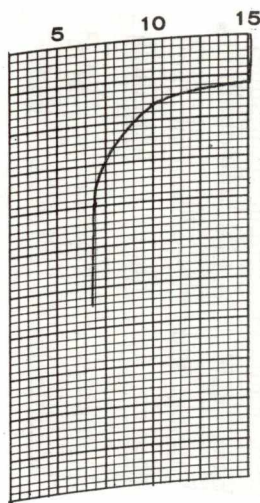
0800/9-ix-61
51° 35.0'n
135° 25.0'w



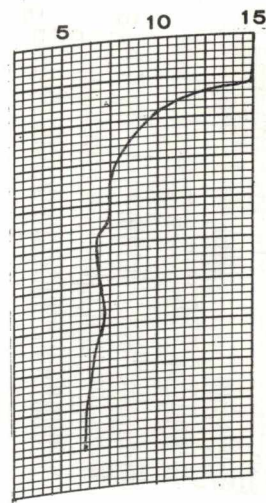
1215/8-ix-61
51° 19.8'n
135° 27.0'w



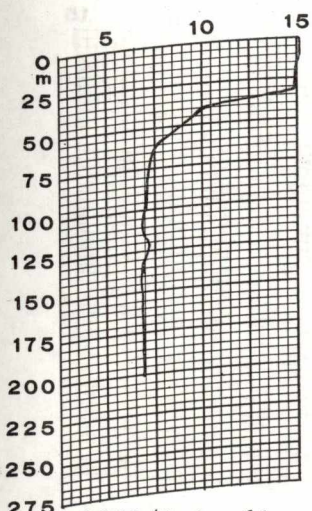
1750/9-ix-61
51° 00.0'n
135° 25.0'w



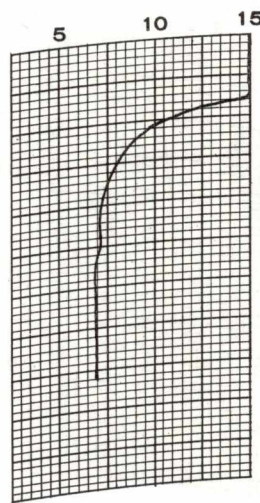
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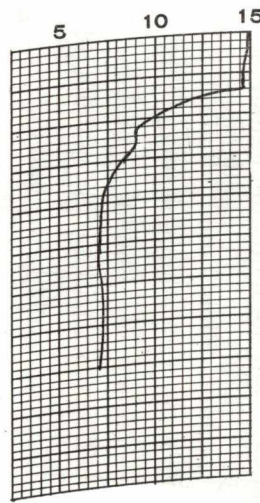
2210/9-ix-61
51° 22.0'n
136° 10.0'w



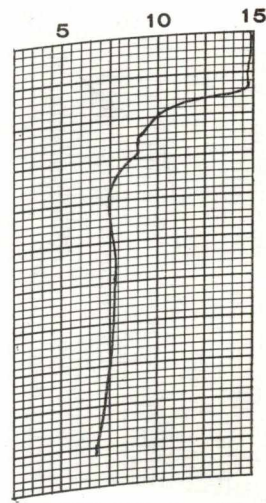
2350/9-ix-61
51° 17.5'n
136° 00.5'w



0200/10-ix-61
51° 15.0'n
135° 51.0'w

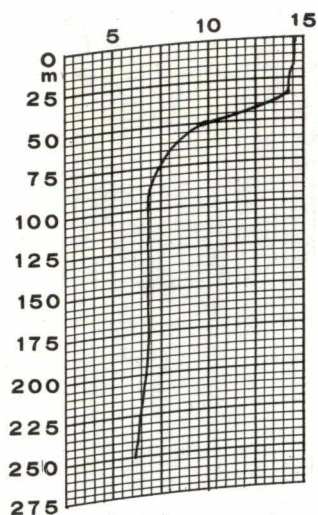


0400/10-ix-61
51° 06.0'n
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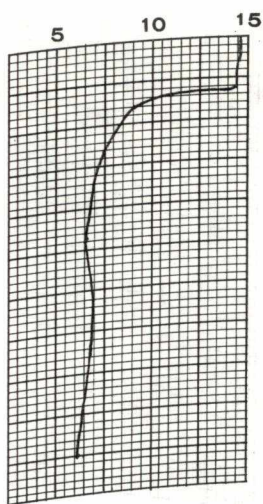


0800/10-ix-61
51° 01.5'n
135° 04.0'w

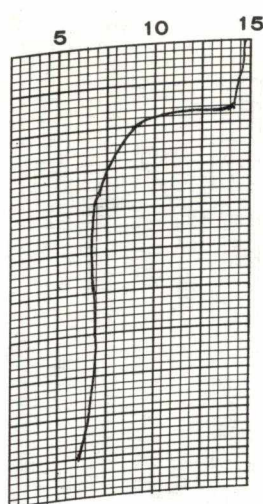
Area 4



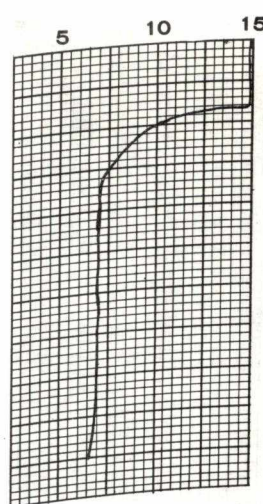
1600/10-ix-61
 51° 16.0'n
 136° 24.0'w



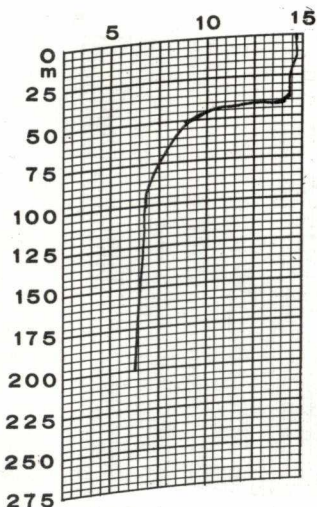
1930/10-ix-61
 51° 13.5'n
 136° 16.0'w



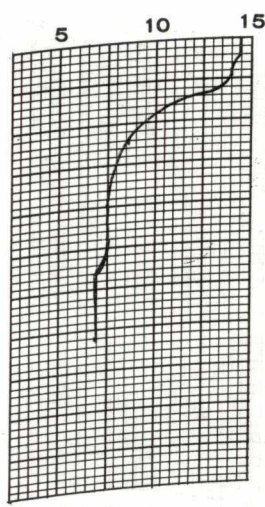
2355/10-ix-61
 51° 08.5'n
 136° 04.0'w



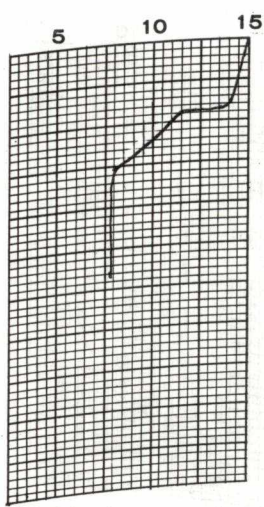
0210/11-ix-61
 51° 09.0'n
 136° 08.0'w



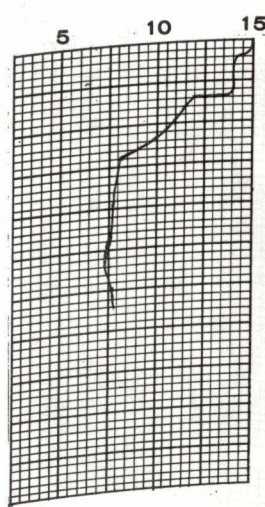
0350/11-ix-61
 51° 06.0'n
 135° 53.0'w



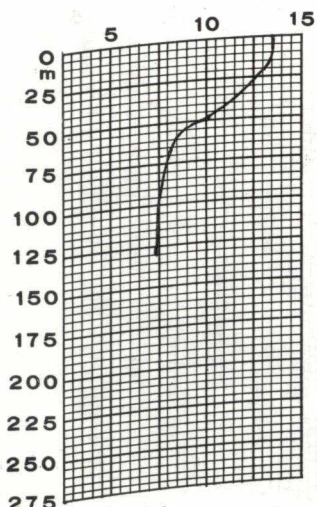
0600/11-ix-61
 51° 03.0'n
 135° 24.0'w



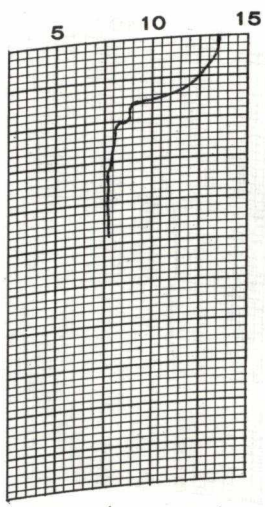
1650/11-ix-61
 50° 57.5'n
 132° 39.0'w



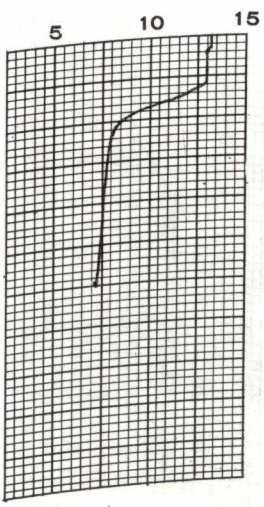
2000/11-ix-61
 50° 53.5'n
 128° 57.0'w



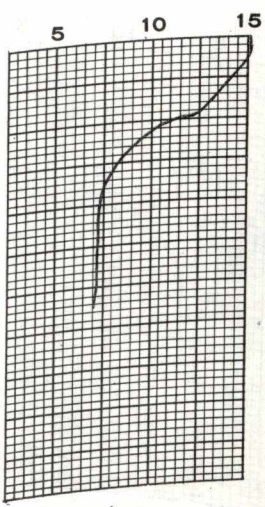
2400/11-ix-61
 50° 40.0'n
 130° 55.0'w



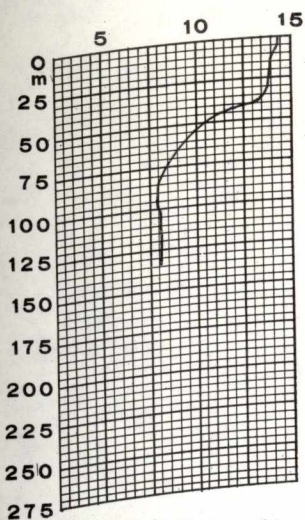
0345/12-ix-61
 50° 23.0'n
 130° 00.0'w



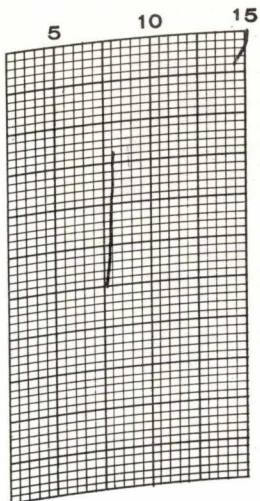
0600/12-ix-61
 50° 15.3'n
 129° 38.0'w



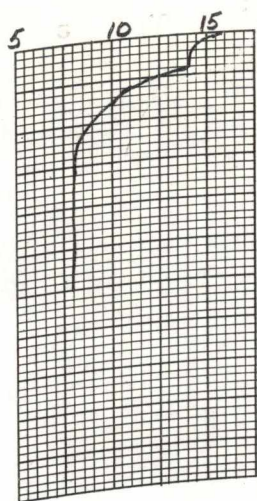
0800/12-ix-61
 50° 08.0'n
 129° 07.0'w



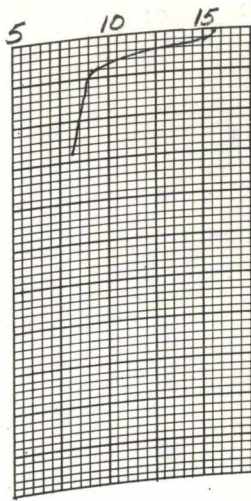
1000/12-ix-61
49° 58.5'n
128° 40.1'w



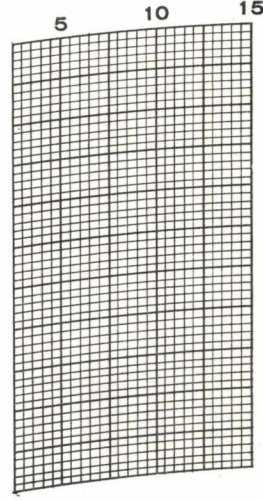
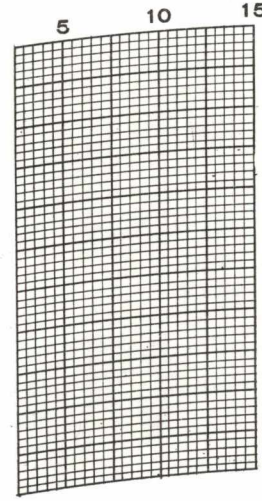
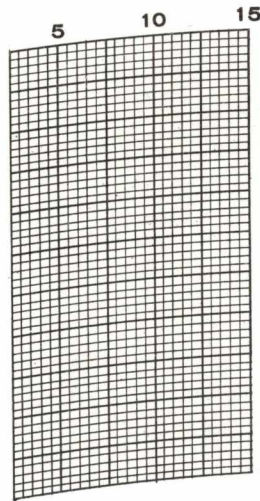
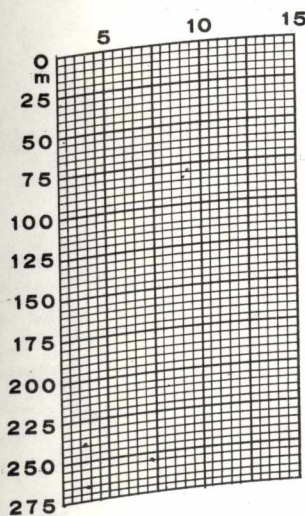
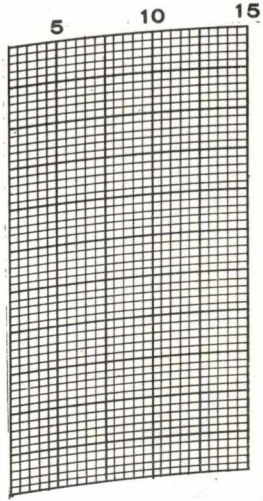
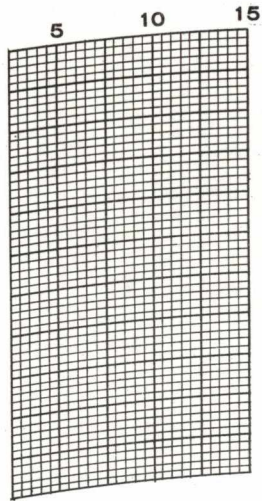
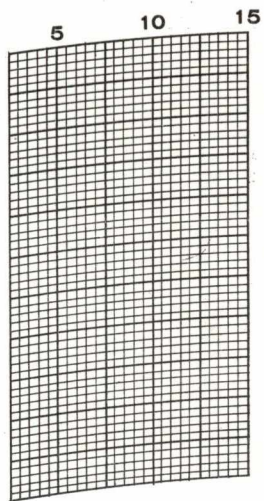
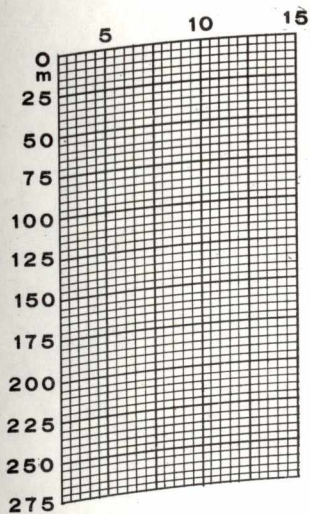
1205/12-ix-61
49° 46.8'n
128° 08.0'w



1600/12-ix-61
49° 28.6'n
127° 15.0'w

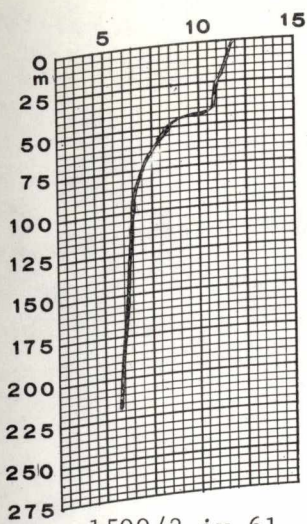


1820/12-ix-61
49° 17.8'n
126° 43.5'w

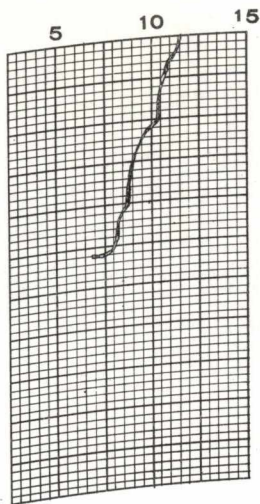


Area 1

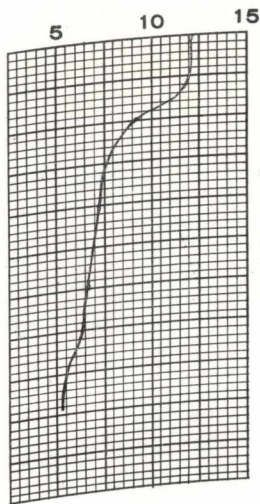
Area 2



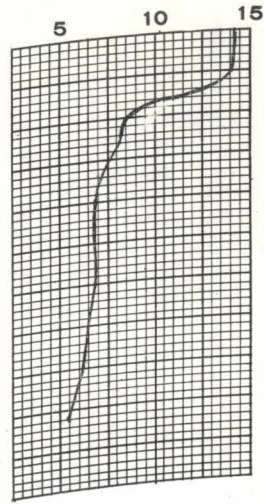
1500/2-ix-61
Station 17



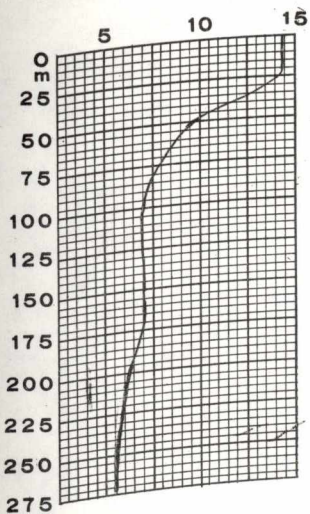
1630/3-ix-61
Station 18



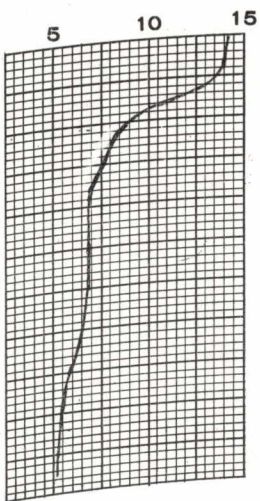
0700/4-ix-61
Station 19



1800/4-ix-61
Station 20



1210/5-ix-61
Station 21



0520/6-ix-61
Station 22

