

LATITUDE	LONGITUDE	DAY/MO/YR	CAST	TIME	BOTTOM	WIND	SPEED	WAVES	WEA	BAROMETER	DRY	WET	SECCHI/FOREL	CLD	AMT	TYPE
34 13.5 N	119 24.7 W	15/03/98	1020	UTC	35 m	260	14 kn			1015.0 mb	16.2 C	15.1 C				
DEPTH	TEMP	POT TEMP	SALINITY	SIGMA	SVA	DYN HT	OXYGEN	OXY	SI03	P04	N03	N02	CHL-A	PHAE0	PRES	SAMP
m	DEG C	DEG C		THETA			ml/L	PCT	uM/L	uM/L	uM/L	uM/L	ug/L	ug/L	db	
0 ISL	16.02	16.02	33.468	24.566	336.1	0.000	6.22	110.6					1.04	0.48	0	
1	16.02	16.02	33.468	24.566	336.1	0.003	6.22	110.6					1.04	0.48	1	205
5	16.01	16.01	33.470	24.570	335.9	0.017	6.23	110.7					1.01	0.49	5	204
9	15.86	15.86	33.519	24.641	329.2	0.030	6.18	109.5					1.27	0.49	9	203
10 ISL	15.83	15.83	33.528	24.655	327.9	0.033	6.16	109.1					1.40	0.51	10	
19	15.44	15.44	33.590	24.790	315.4	0.062	5.70	100.2					2.15	0.71	19	202
20 ISL	15.36	15.36	33.596	24.812	313.3	0.065	5.59	98.1					2.03	0.70	20	
29	14.65	14.65	33.655	25.012	294.5	0.093	4.63	80.2					0.98	0.60	29	201

LATITUDE	LONGITUDE	DAY/MO/YR	CAST	TIME	BOTTOM	WIND	SPEED	WAVES	WEA	BAROMETER	DRY	WET	SECCHI/FOREL	CLD	AMT	TYPE
34 11.1 N	119 31.4 W	15/03/98	0714	UTC	130 m	200	04 kn			1015.0 mb	16.7 C	15.6 C				
DEPTH	TEMP	POT TEMP	SALINITY	SIGMA	SVA	DYN HT	OXYGEN	OXY	SI03	P04	N03	N02	CHL-A	PHAE0	PRES	SAMP
m	DEG C	DEG C		THETA			ml/L	PCT	uM/L	uM/L	uM/L	uM/L	ug/L	ug/L	db	
0 ISL	15.76	15.76	33.567	24.700	323.3	0.000	6.10	107.9					1.60	0.61	0	
1	15.76	15.76	33.567	24.700	323.3	0.003	6.10	107.9					1.60	0.61	1	211
10	15.76	15.76	33.580	24.711	322.6	0.032	5.98	105.8					1.57	0.56	10	210
19	15.69	15.69	33.602	24.744	319.8	0.061	5.86	103.6					1.51	0.56	19	209
20 ISL	15.67	15.67	33.603	24.749	319.3	0.064	5.82	102.8					1.44	0.56	20	
29	15.11	15.11	33.607	24.876	307.5	0.093	5.21	91.0					0.75	0.52	29	208
30 ISL	14.97	14.97	33.606	24.906	304.7	0.096	5.11	89.0					0.68	0.51	30	
39	13.58	13.57	33.636	25.221	274.8	0.122	4.17	70.6					0.24	0.37	39	207
48	12.59	12.58	33.748	25.505	248.0	0.145	3.40	56.4					0.11	0.17	48	206
50 ISL	12.57	12.56	33.750	25.511	247.5	0.150	3.39	56.2					0.11	0.17	50	
60	12.47	12.46	33.763	25.541	244.9	0.175	3.33	55.1					0.12	0.16	60	205
69	12.09	12.08	33.808	25.649	234.9	0.196	3.13	51.4					0.07	0.17	69	204
75 ISL	11.80	11.79	33.833	25.723	227.9	0.210	3.00	49.0					0.06	0.16	75	
80	11.60	11.59	33.848	25.772	223.4	0.222	2.92	47.5					0.05	0.14	80	203
92	11.45	11.44	33.851	25.802	220.8	0.248	2.90	47.0					0.04	0.11	92	202
100 ISL	11.22	11.21	33.878	25.865	215.0	0.266	2.78	44.8					0.03	0.12	101	
104	11.10	11.09	33.892	25.898	211.9	0.274	2.72	43.8					0.03	0.13	105	201

LATITUDE	LONGITUDE	DAY/MO/YR	CAST	TIME	BOTTOM	WIND	SPEED	WAVES	WEA	BAROMETER	DRY	WET	SECCHI/FOREL	CLD	AMT	TYPE
33 52.7 N	120 8.6 W	15/03/98	0021	UTC	103 m	320	24 kn	320 08 06	1	1015.9 mb	15.0 C	14.1 C				
DEPTH	TEMP	POT TEMP	SALINITY	SIGMA	SVA	DYN HT	OXYGEN	OXY	SI03	P04	N03	N02	CHL-A	PHAE0	PRES	SAMP
m	DEG C	DEG C		THETA			ml/L	PCT	uM/L	uM/L	uM/L	uM/L	ug/L	ug/L	db	
0 ISL	14.60	14.60	33.515	24.914	303.0	0.000	5.90	102.0					2.39	0.89	0	
1	14.60	14.60	33.515	24.914	303.0	0.003	5.90	102.0					2.39	0.89	1	210
10 ISL	14.45	14.45	33.522	24.952	299.7	0.030	5.80	99.9					2.69	0.92	10	
11	14.43	14.43	33.524	24.958	299.1	0.033	5.78	99.5					2.74	0.92	11	209
20 ISL	14.31	14.31	33.542	24.997	295.6	0.060	5.69	97.8					3.17	1.12	20	
21	14.29	14.29	33.544	25.003	295.1	0.063	5.67	97.4					3.19	1.14	21	208
30 ISL	13.83	13.83	33.572	25.120	284.2	0.089	5.28	89.8					2.46	0.98	30	
31	13.78	13.78	33.575	25.133	283.0	0.092	5.23	88.9					2.36	0.96	31	207
42	13.57	13.56	33.580	25.180	278.8	0.123	5.06	85.6					1.88	0.94	42	206
50 ISL	13.17	13.16	33.611	25.285	269.0	0.145	4.67	78.4					1.06	0.76	50	
53	12.95	12.94	33.624	25.339	264.0	0.153	4.50	75.2					0.76	0.69	53	205
59	12.37	12.36	33.637	25.462	252.3	0.168	4.66	76.9	U				0.47	0.66	59	204
70	11.77	11.76	33.724	25.643	235.3	0.195	3.56	58.1					0.23	0.43	70	203
75 ISL	11.51	11.50	33.736	25.701	230.0	0.207	3.47	56.3					0.18	0.36	75	
80	11.27	11.26	33.744	25.751	225.3	0.218	3.42	55.2					0.16	0.31	80	202
94	10.68	10.67	33.812	25.910	210.5	0.248	3.14	50.0					0.14	0.29	94	201

LATITUDE	LONGITUDE	DAY/MO/YR	CAST	TIME	BOTTOM	WIND	SPEED	WAVES	WEA	BAROMETER	DRY	WET	SECCHI/FOREL	CLD	AMT	TYPE
33 45.1 N	120 24.4 W	14/03/98	2028	UTC	996 m	320	28 kn	310 10 04	1	1018.1 mb	16.8 C	15.6 C		2/8		CU
DEPTH	TEMP	POT TEMP	SALINITY	SIGMA	SVA	DYN HT	OXYGEN	OXY	SI03	P04	N03	N02	CHL-A	PHAE0	PRES	SAMP
m	DEG C	DEG C		THETA			mL/L	PCT	uM/L	uM/L	uM/L	uM/L	ug/L	ug/L	db	
0 ISL	14.73	14.73	33.350	24.759	317.7	0.000	5.91	102.3					0.48	0.28	0	
2	14.73	14.73	33.350	24.759	317.8	0.006	5.91	102.3					0.48	0.28	2	220
8	14.74	14.74	33.351	24.758	318.1	0.025	5.95	103.0					0.49	0.35	8	219
10 ISL	14.74	14.74	33.351	24.758	318.1	0.032	5.94	102.8					0.49	0.34	10	
18	14.71	14.71	33.350	24.764	317.8	0.057	5.90	102.1					0.50	0.26	18	218
20 ISL	14.70	14.70	33.348	24.765	317.8	0.064	5.90	102.1					0.49	0.27	20	
29	14.66	14.66	33.348	24.773	317.2	0.092	5.88	101.6					0.47	0.33	29	217
30 ISL	14.65	14.65	33.346	24.774	317.2	0.095	5.87	101.4					0.49	0.33	30	
39	14.43	14.42	33.327	24.806	314.4	0.124							0.63	0.28	39	216
49	13.98	13.97	33.340	24.911	304.7	0.155	5.64	96.1					0.36	0.27	49	215
50 ISL	13.96	13.95	33.346	24.920	303.9	0.158	5.61	95.6					0.34	0.27	50	
59	13.61	13.60	33.402	25.035	293.1	0.185	5.24	88.7					0.20	0.23	59	214
69	12.56	12.55	33.449	25.280	269.9	0.213	4.69	77.7					0.10	0.12	69	213
75 ISL	12.05	12.04	33.478	25.400	258.6	0.229	4.52	74.0					0.07	0.11	75	
85	11.36	11.35	33.527	25.566	243.0	0.254	4.34	70.1					0.05	0.09	85	212
100	10.69	10.68	33.598	25.741	226.6	0.289	4.05	64.5					0.03	0.06	100	211
120	10.16	10.15	33.673	25.891	212.6	0.333	3.75	59.0							121	210
125 ISL	10.03	10.02	33.694	25.930	209.1	0.343	3.67	57.6							126	
137	9.74	9.72	33.747	26.020	200.7	0.368	3.50	54.6							138	209
150 ISL	9.41	9.39	33.803	26.118	191.6	0.393	3.34	51.8							151	
168	8.99	8.97	33.874	26.241	180.2	0.427	3.15	48.4							169	208
198	8.42	8.40	33.963	26.400	165.5	0.479	2.87	43.5					0.01	0.06	199	207
200 ISL	8.39	8.37	33.969	26.409	164.6	0.482	2.84	43.1							201	
227	8.06	8.04	34.045	26.519	154.6	0.525	2.44	36.7							228	206
250 ISL	7.99	7.96	34.079	26.556	151.5	0.560	2.22	33.4							251	
268	7.94	7.91	34.098	26.579	149.6	0.587	2.05	30.8							270	205
300 ISL	7.57	7.54	34.142	26.667	141.6	0.634	1.58	23.5							302	
318	7.34	7.31	34.164	26.717	137.0	0.659	1.32	19.6							320	204
371	6.93	6.90	34.195	26.799	129.8	0.730	0.99	14.5							373	203
400 ISL	6.81	6.77	34.203	26.822	128.0	0.767	0.87	12.7							403	
436	6.64	6.60	34.213	26.853	125.5	0.813	0.74	10.8							439	202
500 ISL	5.98	5.94	34.260	26.976	114.1	0.889	0.48	6.9							503	
519	5.79	5.75	34.275	27.012	110.8	0.911	0.40	5.7							523	201

LATITUDE	LONGITUDE	DAY/MO/YR	CAST	TIME	BOTTOM	WIND	SPEED	WAVES	WEA	BAROMETER	DRY	WET	SECCHI/FOREL	CLD	AMT	TYPE
33 34.8 N	120 45.3 W	14/03/98	1619	UTC	1363 m	340	25 kn	340 07 05	2	1019.2 mb	14.6 C	13.2 C		8/8		SC
DEPTH	TEMP	POT TEMP	SALINITY	SIGMA	SVA	DYN HT	OXYGEN	OXY	SI03	P04	N03	N02	CHL-A	PHAE0	PRES	SAMP
m	DEG C	DEG C		THETA			mL/L	PCT	uM/L	uM/L	uM/L	uM/L	ug/L	ug/L	db	
0 ISL	13.93	13.93	33.29	24.881	306.1	0.000									0	
2 A	13.93	13.93	33.29	D 24.881	306.2	0.006									2	2
10	13.94	13.94	33.29	D 24.879	306.5	0.031									10	2
20	13.94	13.94	33.29	D 24.880	306.8	0.061									20	2
30	13.94	13.94	33.29	D 24.880	307.1	0.092									30	2
40	13.93	13.92	33.29	D 24.882	307.1	0.123									40	2
50	13.93	13.92	33.29	D 24.882	307.4	0.153									50	2
75	13.72	13.71	33.29	D 24.926	303.9	0.230									75	2
100	12.13	12.12	33.58	D 25.465	253.1	0.299									100	2
125	10.67	10.66	33.65	D 25.786	222.9	0.359									126	2
150	9.61	9.59	33.73	D 26.028	200.2	0.412									151	2
175	8.90	8.88	33.86	D 26.245	179.9	0.459									176	2
200	8.68	8.66	33.93	D 26.334	171.8	0.503									201	2
225	8.28	8.26	33.96	D 26.419	164.1	0.545									226	2
250	7.87	7.85	34.00	D 26.511	155.6	0.585									251	2
275	7.69	7.66	34.06	D 26.585	149.0	0.623									277	2
300	7.71	7.68	34.09	D 26.606	147.4	0.660									302	2
350	7.02	6.99	34.12	D 26.728	136.3	0.731									352	2
400	6.78	6.74	34.18	D 26.808	129.3	0.798									403	2
450	6.04	6.00	34.14	D 26.873	123.1	0.861									453	2
500	5.77	5.73	34.18	D 26.939	117.3	0.921									503	2
518	5.65	5.61	34.21	D 26.977	113.8	0.942									522	2

A) THE DATA ON THIS STATION WERE TAKEN FROM AN UNCALIBRATED CTD PROFILE AND SHOULD BE USED WITH CAUTION.

LATITUDE	LONGITUDE	DAY/MO/YR	CAST	TIME	BOTTOM	WIND	SPEED	WAVES	WEA	BAROMETER	DRY	WET	SECCHI/FOREL	CLD	AMT	TYPE
33 15.1 N	118 15.0 W	12/03/98	0821	UTC	320 m	060	06 kn			1016.1 mb	17.0 C	16.0 C				
DEPTH	TEMP	POT TEMP	SALINITY	SIGMA	SVA	DYN HT	OXYGEN	OXY	SI03	P04	N03	N02	CHL-A	PHAE0	PRES	SAMP
m	DEG C	DEG C		THETA			ml/L	PCT	um/L	um/L	um/L	um/L	ug/L	ug/L	db	
0 ISL	16.24	16.24	33.672	24.672	326.0	0.000	5.86	104.7					0.55	0.28	0	
1	16.24	16.24	33.672	24.672	326.0	0.003	5.86	104.7					0.55	0.28	1	217
10	16.09	16.09	33.682	24.715	322.2	0.032	5.83	103.9					0.57	0.31	10	216
20	15.88	15.88	33.683	24.763	317.9	0.064	5.74	101.9					0.96	0.46	20	215
30	15.30	15.30	33.686	24.895	305.7	0.096	5.43	95.3					0.52	0.39	30	214
40	14.42	14.41	33.621	25.035	292.6	0.126	5.05	87.0					0.32	0.31	40	213
50 ISL	14.31	14.30	33.616	25.055	291.0	0.155	5.00	85.9					0.32	0.29	50	
51	14.29	14.28	33.616	25.059	290.6	0.158	4.99	85.7					0.32	0.29	51	212
60	13.40	13.39	33.585	25.219	275.6	0.183	4.58	77.2					0.20	0.23	60	211
70	12.83	12.82	33.582	25.330	265.2	0.210	4.29	71.5					0.14	0.14	70	210
75 ISL	12.66	12.65	33.646	25.413	257.4	0.223	3.94	65.5					0.10	0.12	75	
83	12.39	12.38	33.752	25.548	244.8	0.243	3.42	56.5					0.05	0.10	83	209
100	11.41	11.40	33.719	25.707	230.0	0.284	3.53	57.1					0.03	0.10	100	208
119	11.27	11.26	33.993	25.946	207.8	0.325	2.42	39.1					0.01	0.06	120	207
125 ISL	11.18	11.16	34.031	25.992	203.5	0.338	2.27	36.6					0.01	0.06	126	
140	10.87	10.85	34.076	26.083	195.2	0.367	2.10	33.7					0.01	0.05	141	206
150 ISL	10.55	10.53	34.089	26.149	189.0	0.387	2.04	32.5					0.01	0.05	151	
170	9.94	9.92	34.104	26.266	178.2	0.423	1.96	30.8					0.01	0.06	171	205
200 ISL	9.61	9.59	34.166	26.370	168.9	0.475	1.72	26.8					0.01	0.05	201	
201	9.60	9.58	34.168	26.373	168.6	0.477	1.71	26.7					0.01	0.05	202	204
229	9.17	9.14	34.221	26.485	158.4	0.523	1.54	23.8							230	203
250 ISL	8.91	8.88	34.237	26.540	153.5	0.556	1.39	21.4							251	
269	8.71	8.68	34.243	26.576	150.4	0.585	1.27	19.4							271	202
300 ISL	8.44	8.41	34.254	26.627	146.0	0.631	1.13	17.2							302	
317	8.29	8.26	34.261	26.655	143.5	0.655	1.06	16.1							319	201

LATITUDE	LONGITUDE	DAY/MO/YR	CAST	TIME	BOTTOM	WIND	SPEED	WAVES	WEA	BAROMETER	DRY	WET	SECCHI/FOREL	CLD	AMT	TYPE
33 11.1 N	118 23.1 W	12/03/98	1145	UTC	1177 m					1014.4 mb	16.3 C	15.9 C				
DEPTH	TEMP	POT TEMP	SALINITY	SIGMA	SVA	DYN HT	OXYGEN	OXY	SI03	P04	N03	N02	CHL-A	PHAE0	PRES	SAMP
m	DEG C	DEG C		THETA			ml/L	PCT	um/L	um/L	um/L	um/L	ug/L	ug/L	db	
0 ISL	16.42	16.42	33.700	24.653	327.8	0.000	5.76	103.3					0.44	0.22	0	
1	16.42	16.42	33.700	24.653	327.9	0.003	5.76	103.3					0.44	0.22	1	220
10	16.11	16.11	33.681	24.709	322.7	0.033	5.77	102.9					0.27	0.20	10	219
20	16.04	16.04	33.685	24.729	321.2	0.065	5.77	102.7					0.37	0.24	20	218
30	15.45	15.45	33.669	24.849	310.1	0.096	5.95	104.7					0.57	0.32	30	217
39	15.19	15.18	33.652	24.893	306.1	0.124	5.78	101.2					1.19	0.66	39	216
50	13.57	13.56	33.576	25.177	279.3	0.156	4.59	77.7					0.24	0.26	50	215
60	13.05	13.04	33.665	25.351	263.0	0.183	3.91	65.5					0.10	0.15	60	214
70	12.71	12.70	33.707	25.451	253.8	0.209	3.66	60.9					0.08	0.12	70	213
75 ISL	12.43	12.42	33.727	25.521	247.2	0.222	3.54	58.6					0.06	0.12	75	
84	11.89	11.88	33.761	25.650	235.1	0.243	3.37	55.1					0.04	0.13	84	212
100	11.15	11.14	33.796	25.814	219.8	0.280	3.22	51.8					0.06	0.06	100	211
118	10.59	10.58	33.829	25.939	208.2	0.318	3.09	49.2					0.02	0.07	119	210
125 ISL	10.50	10.49	33.871	25.988	203.7	0.333	2.92	46.4							126	
139	10.40	10.38	33.967	26.080	195.3	0.361	2.54	40.3							140	209
150 ISL	10.33	10.31	34.027	26.139	189.9	0.382	2.30	36.4							151	
168	10.18	10.16	34.106	26.227	181.9	0.415	2.00	31.6							169	208
197	9.64	9.62	34.189	26.383	167.6	0.466	1.73	27.0							198	207
200 ISL	9.58	9.56	34.192	26.395	166.5	0.471	1.71	26.7							201	
227	9.12	9.10	34.204	26.480	158.8	0.515	1.59	24.5							228	206
250 ISL	8.85	8.82	34.214	26.531	154.3	0.551	1.49	22.9							251	
268	8.69	8.66	34.223	26.563	151.5	0.578	1.40	21.4							270	205
300 ISL	8.43	8.40	34.244	26.620	146.6	0.626	1.22	18.5							302	
316	8.29	8.26	34.254	26.650	144.0	0.649	1.12	17.0							318	204
379	7.53	7.49	34.281	26.783	132.0	0.736	0.72	10.7							381	203
400 ISL	7.33	7.29	34.291	26.820	128.7	0.764	0.63	9.3							403	
437	7.01	6.97	34.307	26.877	123.6	0.810	0.50	7.4							440	202
500 ISL	6.44	6.39	34.316	26.962	116.0	0.886	0.37	5.4							503	
528	6.18	6.13	34.321	26.999	112.5	0.918	0.31	4.5							532	201

Table with columns: LATITUDE, LONGITUDE, DAY/MO/YR, CAST, TIME, BOTTOM, WIND, SPEED, WAVES, WEA, BAROMETER, DRY, WET, SECCHI/FOREL, CLD, AMT, TYPE. Rows include depth measurements (0 to 522 m) and various parameters like temperature, salinity, and sigma-theta.

Table with columns: LATITUDE, LONGITUDE, DAY/MO/YR, CAST, TIME, BOTTOM, WIND, SPEED, WAVES, WEA, BAROMETER, DRY, WET, SECCHI/FOREL, CLD, AMT, TYPE. Rows include depth measurements (0 to 520 m) and various parameters like temperature, salinity, and sigma-theta.

