

Report on the Phytoplankton Pigments measured
during the JARE-31 Cruise to Syowa Station, Antarctica,
November 1989 to March 1990

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This is a report on the phytoplankton pigments measured on board the icebreaker SHIRASE during the JARE-31 cruise to and from Syowa Station, Antarctica, from November 1989 to March 1990. Concentration of phytoplankton pigments were measured in two series: (1) geographical variations of chlorophyll *a* in the surface water along the cruise track, and (2) vertical profiles of phytoplankton stocks in the Antarctic sea areas.

1. Geographical variations of chlorophyll *a* in the surface water

Chlorophyll *a* concentration in the surface water was measured with a continuous monitoring system (Fukuda *et al.*, 1986; Fukuchi and Hattori, 1987). This report presents data of the north-bound course from Syowa Station to Sydney, Eastern Australia (9 - 20 March) (Fig. 1). These data, obtained with a Turner Designs model 1000R fluorometer, were calibrated with data measured manually (Table 1) using the fluorometric method of Parsons *et al.* (1984). A log-linear correlation between the results obtained by both methods was observed over a wide range of chlorophyll concentrations.

The log-linear regression equation for the north-bound course from 12:30, March 3 to 08:00, March 17 is:

Present address:

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$$\text{Chl. } a = 0.0275 R^{0.897}, r = 0.662, n = 45, P < 0.01,$$

and from 08:05, March 17 to 02:15, March 20 is:

$$\text{Chl. } a = 0.158 R^{0.898}, r = 0.940, n = 5, P < 0.05,$$

where Chl. *a* is chlorophyll *a* concentration ($\mu\text{g l}^{-1}$) from manual analyses and *R* is fluorescence intensity (mV) from the monitoring system. Calibrated chlorophyll *a* concentrations are listed in Table 2 with the items of ship's navigation data and environmental data from the monitoring system. Water temperature, salinity and dissolved oxygen were calibrated with the manually measured data of Ikeda and Kojima (1992) on linear scales.

2. Vertical profiles of phytoplankton pigments

Vertical profiles of chlorophyll *a* and pheopigments were determined at 19 stations in the Antarctic sea (Table 3). Water samples were collected from 9 to 10 depth layers at each station with Nansen or Van Dorn water bottles. Measuring methods and procedures were the same as the manual analysis mentioned above.

References

- Fukuchi, M. and Hattori, H. (1987): Surface water monitoring system installed on board the icebreaker SHIRASE. Proc. NIPR Symp. Polar Biol., **1**, 47-55.
- Fukuda, Y., Ohno, M., Hattori, H. and Fukuchi, M. (1986): Chlorophyll *a* concentrations measured in the Southern Ocean during the 1984/85 cruise of the SHIRASE to and from Syowa Station, Antarctica. JARE Data Rep., **111** (Mar. Biol. 8), 73p.
- Ikeda, S. and Kojima, T. (1991): Oceanographic data of the 31st Japanese Antarctic Research Expedition from November 1988 to March 1989. JARE Data Rep., **174** (Oceanography 12), 52p.
- Parsons, T. R., Maita, Y. and Lalli, C. M. (1984): A Manual of Chemical and Biological Methods for Seawater Analysis. Oxford, Pergamon Press, 173p.

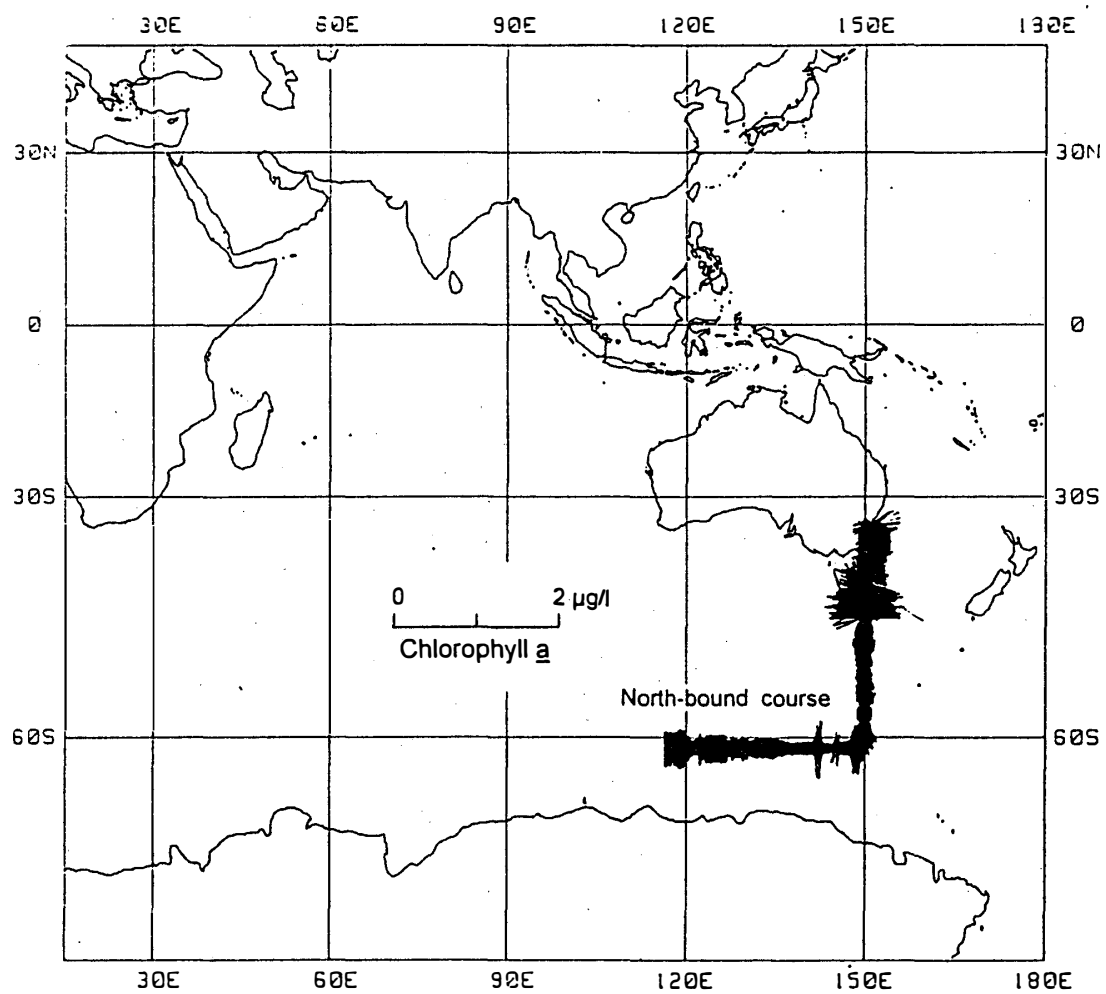


Fig. 1. Geographical variations of chlorophyll *a* in the surface layer (8 m depth) along the course of the JARE-31 cruise of the icebreaker Shirase.

Table 1. Chlorophyll *a* concentration ($\mu\text{g l}^{-1}$), manually measured by the fluorometric method, and associated data collected during the JARE-31 cruise of the icebreaker Shirase.

Date, Time: date and time of GMT

Latitude, Longitude: ship's position

Chl-*a*: chlorophyll *a* concentration ($\mu\text{g l}^{-1}$)

Date	Time	Latitude	Longitude	Chl-a	Date	Time	Latitude	Longitude	Chl-a
GMT				$\mu\text{g/l}$	GMT				$\mu\text{g/l}$
1115	900	28 - 55.4 N	136 - 48.3 E	0.022	1213	400	60 - 0 S	57 - 2 E	0.060
1115	2240	25 - 37.4 N	135 - 18.8 E	0.038	1213	1400	60 - 1 S	52 - 23 E	0.054
1116	900	23 - 12 N	134 - 17.5 E	0.044	1214	500	60 - 46 S	46 - 27 E	0.089
1116	2300	19 - 53.5 N	132 - 52.1 E	0.035	1214	1500	61 - 44 S	42 - 23 E	0.174
1117	900	17 - 45.5 N	132 - 0.2 E	0.019	1215	500	63 - 3 S	36 - 13 E	0.164
1117	2300	14 - 43.5 N	130 - 55.6 E	0.060	1215	1500	- S	- E	0.057
1118	905	13 - 4.2 N	131 - 0.9 E	0.041	223	1500	65 - 55.3 S	47 - 59.4 E	0.354
1118	2300	10 - 43.1 N	129 - 50.3 E	0.057	224	500	66 - 0.5 S	47 - 24.8 E	0.322
1119	920	8 - 30.2 N	128 - 41.9 E	0.041	224	1500	65 - 36.6 S	46 - 53.1 E	0.285
1119	2300	5 - 34.9 N	126 - 6.5 E	0.038	225	500	63 - 18.4 S	46 - 52.4 E	0.057
1120	900	3 - 45.7 N	123 - 34.4 E	0.104	225	1500	62 - 22.6 S	47 - 5.6 E	0.047
1120	2300	1 - 27.3 N	120 - 6.8 E	0.180	226	700	59 - 39.3 S	47 - 4.3 E	0.164
1121	900	1 - 8.6 S	118 - 57.8 E	0.123	226	1500	58 - 43.8 S	47 - 2.4 E	0.202
1121	2300	4 - 50.3 S	117 - 36.5 E	0.149	227	500	56 - 41 S	47 - 20.4 E	0.136
1122	900	7 - 26.6 S	116 - 22.7 E	0.104	227	1500	56 - 15.3 S	49 - 48.3 E	0.126
1122	2300	10 - 54.9 S	115 - 16.4 E	0.079	228	500	56 - 2.1 S	53 - 13.3 E	0.066
1123	900	13 - 21.4 S	114 - 43.5 E	0.082	228	1500	- S	- E	0.158
1123	2300	16 - 36.5 S	114 - 3 E	0.038	301	500	- S	- E	0.171
1124	900	18 - 54.1 S	113 - 30.9 E	0.035	301	1500	57 - 11.9 S	60 - 26.6 E	0.243
1124	2300	22 - 3.5 S	112 - 47 E	0.060	302	500	58 - 14.1 S	62 - 29.2 E	0.174
1125	900	24 - 20.5 S	112 - 15.7 E	0.032	302	1400	59 - 17.3 S	63 - 55.1 E	0.101
1125	2300	27 - 35.3 S	112 - 49.2 E	0.076	303	400	60 - 45.8 S	66 - 35.5 E	0.057
1126	900	29 - 17.5 S	113 - 37.2 E	0.041	303	1400	61 - 0.1 S	69 - 2.9 E	0.025
1126	2300	31 - 41.6 S	114 - 54.3 E	0.073	304	400	60 - 60 S	75 - 5.6 E	0.060
1203	1000	32 - 42.9 S	114 - 4.2 E	0.019	304	1400	61 - 0.2 S	77 - 49 E	0.057
1204	0	34 - 33.1 S	110 - 43.4 E	0.057	305	300	61 - 0.1 S	82 - 40 E	0.395
1204	1000	36 - 31.7 S	110 - 2.3 E	0.032	305	1300	61 - 0.5 S	85 - 48 E	0.406
1205	100	40 - 4 S	109 - 59.7 E	0.171	306	300	61 - 6.9 S	90 - 27 E	0.272
1205	1100	41 - 47.4 S	110 - 2.1 E	0.202	306	1300	61 - 0.2 S	93 - 42 E	0.199
1206	1100	46 - 26 S	110 - 10 E	0.304	307	200	60 - 58.2 S	97 - 54.1 E	0.108
1207	100	49 - 39 S	110 - 1 E	0.272	307	1200	60 - 58 S	100 - 11.5 E	0.130
1207	1100	51 - 45 S	109 - 55 E	0.294	308	200	60 - 59.5 S	105 - 37.7 E	0.190
1208	100	54 - 19 S	108 - 47 E	0.591	308	1230	61 - 0.4 S	108 - 16 E	0.149
1208	1100	55 - 37 S	106 - 23 E	0.591	309	100	61 - 0.7 S	112 - 59.7 E	0.231
1209	100	57 - 18 S	101 - 13 E	0.389	309	1100	61 - 1.1 S	115 - 37.6 E	0.168
1209	1100	58 - 14 S	97 - 20 E	0.164	310	100	60 - 59.2 S	120 - 47.3 E	0.285
1210	200	59 - 48 S	90 - 58 E	0.364	310	1100	61 - 0.4 S	123 - 12.1 E	0.079
1210	1200	59 - 48 S	86 - 33 E	0.420	311	300	61 - 0.1 S	129 - 19.7 E	0.038
1211	300	59 - 53 S	79 - 56 E	0.866	311	1000	61 - 2.3 S	131 - 31.6 E	0.101
1211	1300	59 - 58 S	75 - 13 E	0.699	312	0	60 - 59 S	135 - 57.4 E	0.044
1212	300	59 - 59 S	68 - 33 E	0.281	312	1000	60 - 59 S	138 - 31.5 E	0.054
1212	1300	60 - 0 S	63 - 56 E	0.142	312	2300	61 - 0.7 S	143 - 29.2 E	0.032

Date	Time	Latitude			Longitude			Chl-a
GMT								µg/l
313	900	61	-	0.1 S	146	-	8.9 E	0.051
313	2330	60	-	55.9 S	150	-	0.1 E	0.142
314	900	60	-	3.5 S	150	-	0.4 E	0.164
314	2200	57	-	18 S	150	-	0.8 E	0.224
315	800	56	-	7.2 S	150	-	1.5 E	0.221
315	2200	53	-	18.3 S	149	-	51.9 E	0.136
316	800	51	-	24.3 S	149	-	37.8 E	0.322
316	2200	48	-	33.5 S	149	-	53.4 E	0.237
317	800	47	-	12.8 S	150	-	1.5 E	0.411
317	2200	44	-	11.7 S	149	-	58.8 E	0.645
318	800	42	-	7.8 S	150	-	36.3 E	0.487
318	2200	39	-	17.9 S	151	-	33 E	0.316
319	800	37	-	26.3 S	151	-	22.9 E	0.304
319	2200	34	-	33.4 S	151	-	50.5 E	0.401

Table 2. Chlorophyll *a* measured with the surface water monitoring system, and associated data, from the JARE-31 cruise of the icebreaker Shirase. The data were recorded at 5 minute intervals.

GMT: Greenwich mean time LMT: local mean time Lat, Long: ship's position

Depth: sea depth (0 indicate no data) Atemp: air temperature (from ship's navigation data)

Wtemp: water temperature (from ship's navigation data)

Speed: ship's speed (from ship's navigation data)

Flow: flow rate of water passing through the system Wtemp: water temperature

Sal: salinity Do: dissolved oxygen (ml l⁻¹) Chl: chlorophyll *a* concentration (µg l⁻¹)

GMT		LMT		Lat	Long	Depth (m)	Atemp (°C)	Wtemp (°C)	Speed (kt)	Flow (l/min)	Wtemp (°C)	Sal (ppt)	Do (ml/l)	Chl (µg/l)
Date	Time	Date	Time											
90/03/09	12:30	03/09	20:14	80-59.5S	116-12.2	4442	1.2	-3.0	10.9	12.67	2.39	33.86	7.26	.22
90/03/09	12:35	03/09	20:19	80-59.5S	116-14.2	4440	1.2	-3.0	10.8	12.67	2.31	33.82	7.25	.22
90/03/09	12:40	03/09	20:25	80-59.5S	116-16.1	4442	1.2	-3.0	10.8	12.67	2.31	33.82	7.26	.22
90/03/09	12:45	03/09	20:30	80-59.5S	116-17.9	4442	1.2	-3.0	10.9	12.67	2.31	33.90	7.28	.21
90/03/09	12:50	03/09	20:35	80-59.5S	116-19.9	4442	1.2	-3.0	11.0	12.67	2.31	33.90	7.25	.21
90/03/09	12:55	03/09	20:40	80-59.5S	116-21.8	4443	1.2	-3.0	10.8	12.67	2.39	33.86	7.25	.21
90/03/09	13:00	03/09	20:45	80-59.5S	116-23.7	4441	1.2	-3.0	10.8	12.67	2.39	33.86	7.25	.21
90/03/09	13:05	03/09	20:50	80-59.5S	116-25.8	4443	1.2	-3.0	11.0	12.67	2.39	33.86	7.26	.21
90/03/09	13:10	03/09	20:55	80-59.5S	116-27.5	4441	1.2	-3.0	10.9	12.67	2.39	33.86	7.26	.21
90/03/09	13:15	03/09	21:00	80-59.5S	116-29.5	4443	1.2	-3.0	10.9	12.67	2.39	33.86	7.27	.21
90/03/09	13:20	03/09	21:06	80-59.5S	116-32.0	4442	1.3	-3.0	10.8	12.67	2.39	33.86	7.26	.21
90/03/09	13:25	03/09	21:11	80-59.5S	116-34.0	4442	1.3	-3.0	10.9	12.67	2.39	33.86	7.26	.22
90/03/09	13:30	03/09	21:16	80-59.5S	116-35.5	4442	1.3	-3.0	10.9	12.67	2.39	33.86	7.26	.22
90/03/09	13:35	03/09	21:21	80-59.5S	116-37.8	4442	1.3	-3.0	10.8	12.67	2.39	33.86	7.25	.23
90/03/09	13:40	03/09	21:26	80-59.5S	116-39.8	4442	1.3	-3.0	10.8	12.67	2.39	33.86	7.24	.23
90/03/09	13:45	03/09	21:31	80-59.5S	116-41.7	4442	1.3	-3.0	10.8	12.67	2.39	33.86	7.25	.17
90/03/09	13:50	03/09	21:36	80-59.5S	116-43.8	4441	1.2	-3.0	10.9	12.67	2.39	33.86	7.26	.18
90/03/09	13:55	03/09	21:42	80-59.5S	116-45.5	4440	1.2	-3.0	10.8	12.67	2.39	33.86	7.28	.22
90/03/09	14:00	03/09	21:47	80-59.5S	116-47.5	4440	1.1	-3.0	10.8	12.67	2.39	33.86	7.28	.19
90/03/09	14:05	03/09	21:52	80-59.5S	116-49.4	4439	1.1	-3.0	10.9	12.67	2.31	33.90	7.29	.19
90/03/09	14:10	03/09	21:57	80-59.5S	116-51.4	4438	1.1	-3.0	10.8	12.67	2.31	33.90	7.28	.19
90/03/09	14:15	03/09	22:02	80-59.5S	116-53.3	4438	1.0	-3.0	10.7	12.69	2.31	33.90	7.28	.19
90/03/09	14:20	03/09	22:07	80-59.5S	116-55.2	4437	1.0	-3.0	10.8	12.69	2.31	33.90	7.28	.19
90/03/09	14:25	03/09	22:12	80-59.5S	116-57.1	4438	1.0	-3.0	10.7	12.69	2.31	33.90	7.28	.20
90/03/09	14:30	03/09	22:17	80-59.5S	116-59.0	4435	1.0	-3.0	10.8	12.67	2.31	33.90	7.28	.20
90/03/09	14:35	03/09	22:23	80-59.5S	117-01.0	4434	1.1	-3.0	10.9	12.67	2.39	33.86	7.28	.20
90/03/09	14:40	03/09	22:28	80-59.5S	117-02.9	4434	1.1	-3.0	10.8	12.67	2.39	33.86	7.28	.20
90/03/09	14:45	03/09	22:33	80-59.5S	117-04.9	4433	1.0	-3.0	10.8	12.69	2.31	33.90	7.28	.20
90/03/09	14:50	03/09	22:38	80-59.5S	117-06.8	4435	1.1	-3.0	11.0	12.67	2.31	33.82	7.27	.21
90/03/09	14:55	03/09	22:43	80-59.5S	117-08.7	4430	1.1	-3.0	10.8	12.69	2.31	33.82	7.27	.20
90/03/09	15:00	03/09	22:48	80-59.5S	117-10.8	4429	1.1	-3.0	10.8	12.69	2.31	33.82	7.28	.20
90/03/09	15:05	03/09	22:53	80-59.5S	117-12.5	4419	1.2	-3.0	10.8	12.67	2.39	33.86	7.28	.21
90/03/09	15:10	03/09	22:58	80-59.5S	117-14.5	4418	1.2	-3.0	10.8	12.69	2.39	33.86	7.30	.20
90/03/09	15:15	03/09	23:04	80-59.5S	117-16.4	4418	1.2	-3.0	10.8	12.67	2.39	33.86	7.29	.21
90/03/09	15:20	03/09	23:09	80-59.5S	117-18.3	4410	1.2	-3.0	11.0	12.67	2.39	33.86	7.28	.22
90/03/09	15:25	03/09	23:14	80-59.5S	117-20.3	4407	1.2	-3.0	10.8	12.69	2.31	33.82	7.28	.20
90/03/09	15:30	03/09	23:19	80-59.5S	117-22.2	4409	1.2	-3.0	10.8	12.69	2.39	33.86	7.28	.21
90/03/09	15:35	03/09	23:24	80-59.5S	117-24.1	4405	1.3	-3.0	10.5	12.69	2.31	33.90	7.28	.21
90/03/09	15:40	03/09	23:29	80-59.5S	117-26.0	4407	1.3	-3.0	10.9	12.69	2.23	33.86	7.26	.20
90/03/09	15:45	03/09	23:34	80-59.5S	117-27.8	4411	1.3	-3.0	10.9	12.69	2.07	33.87	7.27	.18
90/03/09	15:50	03/09	23:39	80-59.5S	117-29.8	4407	1.3	-3.0	10.8	12.70	2.07	33.87	7.28	.18
90/03/09	15:55	03/09	23:45	80-59.5S	117-31.7	4400	1.2	-3.0	10.9	12.70	2.16	33.82	7.28	.17
90/03/09	16:00	03/09	23:50	80-59.5S	117-33.7	4397	1.2	-3.0	10.9	12.69	2.16	33.91	7.27	.17
90/03/09	16:05	03/09	23:55	80-59.5S	117-35.8	4396	1.2	-3.0	10.9	12.69	2.16	33.91	7.28	.16
90/03/09	16:10	03/10	00:00	80-59.5S	117-37.5	4388	1.2	-3.0	10.8	12.69	2.16	33.91	7.28	.16
90/03/09	16:15	03/10	00:05	80-59.5S	117-39.1	4387	1.2	-3.0	10.7	12.69	2.23	33.86	7.29	.16
90/03/09	16:20	03/10	00:10	80-59.5S	117-41.3	4388	1.2	-3.0	10.4	12.69	2.23	33.86	7.29	.16
90/03/09	16:25	03/10	00:15	80-59.2S	117-43.2	4387	1.2	-3.0	10.6	12.69	2.23	33.86	7.28	.16
90/03/09	16:30	03/10	00:21	80-59.1S	117-45.1	4381	1.1	-3.0	9.7	12.69	2.16	33.91	7.29	.18
90/03/09	16:35	03/10	00:26	80-58.9S	117-46.2	4383	1.1	-3.0	9.2	12.69	1.99	33.83	7.28	.21
90/03/09	16:40	03/10	00:31	80-58.7S	117-47.5	4388	1.1	-3.0	8.7	12.70	1.91	33.87	7.29	.21

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/09	18:45	03/10	00:36	60-58.3S	117-49.1	4393	1.1	-3.0	9.2	12.70	1.99	33.83	7.30	.21
90/03/09	18:50	03/10	00:41	60-57.8S	117-50.6	4395	1.1	-3.0	9.4	12.70	1.99	33.83	7.30	.22
90/03/09	18:55	03/10	00:46	60-57.8S	117-52.3	4395	1.2	-3.0	9.6	12.70	1.99	33.92	7.32	.20
90/03/09	17:00	03/10	00:51	60-57.8S	117-53.6	4401	1.2	-3.0	9.5	12.70	2.07	33.87	7.31	.20
90/03/09	17:05	03/10	00:56	60-57.8S	117-55.3	4407	1.3	-3.0	9.6	12.70	2.07	33.87	7.32	.20
90/03/09	17:10	03/10	01:01	60-57.8S	117-57.3	4410	1.3	-3.0	9.6	12.70	2.07	33.87	7.30	.20
90/03/09	17:15	03/10	01:06	60-57.9S	117-59.0	4408	1.3	-3.0	9.7	12.70	2.07	33.87	7.31	.20
90/03/09	17:20	03/10	01:12	60-58.0S	118-00.7	4409	1.3	-3.0	9.6	12.69	1.99	33.83	7.31	.21
90/03/09	17:25	03/10	01:17	60-58.0S	118-02.0	4394	1.4	-3.0	9.7	12.69	1.99	33.83	7.31	.21
90/03/09	17:30	03/10	01:22	60-58.1S	118-04.1	4387	1.3	-3.0	9.7	12.69	1.99	33.83	7.31	.22
90/03/09	17:35	03/10	01:27	60-58.1S	118-05.5	4384	1.3	-3.0	9.7	12.69	1.99	33.83	7.31	.21
90/03/09	17:40	03/10	01:32	60-58.2S	118-07.2	4383	1.3	-3.0	9.9	12.70	1.99	33.83	7.30	.20
90/03/09	17:45	03/10	01:37	60-58.3S	118-08.7	4385	1.3	-3.0	9.8	12.70	1.99	33.83	7.30	.19
90/03/09	17:50	03/10	01:42	60-58.3S	118-10.4	4386	1.3	-3.0	9.6	12.69	1.91	33.87	7.30	.20
90/03/09	17:55	03/10	01:47	60-58.4S	118-12.1	4388	1.3	-3.0	9.6	12.69	1.91	33.87	7.30	.19
90/03/09	18:00	03/10	01:52	60-58.4S	118-13.8	4389	1.3	-3.0	9.5	12.69	1.91	33.87	7.30	.19
90/03/09	18:05	03/10	01:58	60-58.5S	118-15.5	4388	1.3	-3.0	9.8	12.69	1.91	33.87	7.30	.19
90/03/09	18:10	03/10	02:03	60-58.6S	118-17.2	4388	1.3	-3.0	9.7	12.70	1.99	33.83	7.31	.19
90/03/09	18:15	03/10	02:08	60-58.6S	118-18.9	4389	1.3	-3.0	9.6	12.69	1.99	33.83	7.30	.19
90/03/09	18:20	03/10	02:13	60-58.7S	118-20.6	4390	1.3	-3.0	9.7	12.70	1.91	33.87	7.30	.19
90/03/09	18:25	03/10	02:18	60-58.7S	118-22.3	4392	1.3	-3.0	9.9	12.69	1.75	33.88	7.28	.21
90/03/09	18:30	03/10	02:23	60-58.8S	118-24.1	4395	1.3	-3.0	9.7	12.70	1.75	33.88	7.28	.21
90/03/09	18:35	03/10	02:28	60-58.9S	118-25.7	4395	1.3	-3.0	9.8	12.70	1.83	33.83	7.31	.20
90/03/09	18:40	03/10	02:33	60-58.9S	118-27.8	4395	1.3	-3.0	9.7	12.70	1.83	33.83	7.31	.21
90/03/09	18:45	03/10	02:38	60-59.0S	118-29.5	4395	1.3	-3.0	9.9	12.70	1.75	33.88	7.30	.20
90/03/09	18:50	03/10	02:44	60-59.1S	118-31.2	4394	1.3	-3.0	9.7	12.70	1.66	33.84	7.31	.23
90/03/09	18:55	03/10	02:49	60-59.2S	118-32.9	4395	1.3	-3.0	9.8	12.70	1.58	33.89	7.30	.24
90/03/09	19:00	03/10	02:54	60-59.1S	118-34.1	4394	1.3	-3.0	9.7	12.70	1.58	33.89	7.31	.24
90/03/09	19:05	03/10	02:59	60-59.1S	118-35.8	4392	1.2	-3.0	9.3	12.70	1.66	33.84	7.33	.22
90/03/09	19:10	03/10	03:04	60-59.1S	118-37.4	4392	1.2	-3.0	9.8	12.70	1.66	33.84	7.33	.23
90/03/09	19:15	03/10	03:09	60-59.0S	118-39.2	4392	1.2	-3.0	9.6	12.70	1.58	33.89	7.32	.24
90/03/09	19:20	03/10	03:14	60-59.0S	118-40.5	4392	1.2	-3.0	9.8	12.70	1.66	33.84	7.32	.21
90/03/09	19:25	03/10	03:19	60-59.0S	118-42.2	4393	1.2	-3.0	9.5	12.70	1.83	33.83	7.34	.20
90/03/09	19:30	03/10	03:24	60-59.0S	118-43.9	4393	1.2	-3.0	9.7	12.70	1.58	33.89	7.31	.22
90/03/09	19:35	03/10	03:30	60-59.0S	118-45.5	4392	1.1	-3.0	9.6	12.70	1.42	33.89	7.30	.25
90/03/09	19:40	03/10	03:35	60-59.0S	118-47.2	4393	1.1	-3.0	9.8	12.70	1.42	33.81	7.31	.24
90/03/09	19:45	03/10	03:40	60-59.0S	118-49.0	4393	1.1	-3.0	9.6	12.70	1.42	33.89	7.31	.25
90/03/09	19:50	03/10	03:45	60-59.0S	118-50.6	4392	1.1	-3.0	9.7	12.70	1.50	33.85	7.34	.25
90/03/09	19:55	03/10	03:50	60-58.9S	118-52.3	4391	1.1	-3.0	9.7	12.70	1.50	33.85	7.33	.24
90/03/09	20:00	03/10	03:55	60-58.9S	118-54.0	4392	1.1	-3.0	9.7	12.70	1.42	33.89	7.33	.24
90/03/09	20:05	03/10	04:00	60-58.9S	118-55.7	4390	1.1	-3.0	10.2	12.70	1.50	33.85	7.34	.25
90/03/09	20:10	03/10	04:05	60-58.9S	118-57.5	4389	1.1	-3.0	11.0	12.70	1.50	33.85	7.34	.24
90/03/09	20:15	03/10	04:10	60-58.9S	118-59.3	4385	1.1	-3.0	10.9	12.69	1.50	33.85	7.35	.24
90/03/09	20:20	03/10	04:16	60-58.9S	119-01.3	4379	1.1	-3.0	10.8	12.69	1.50	33.85	7.33	.25
90/03/09	20:25	03/10	04:21	60-58.9S	119-03.1	4375	1.1	-3.0	10.9	12.69	1.50	33.85	7.33	.24
90/03/09	20:30	03/10	04:26	60-58.8S	119-05.0	4379	1.1	-3.0	10.8	12.70	1.50	33.85	7.32	.24
90/03/09	20:35	03/10	04:31	60-58.8S	119-06.8	4380	1.1	-3.0	10.9	12.70	1.42	33.81	7.30	.24
90/03/09	20:40	03/10	04:38	60-58.8S	119-08.8	4381	1.1	-3.0	10.9	12.70	1.42	33.81	7.31	.24
90/03/09	20:45	03/10	04:41	60-58.8S	119-10.7	4380	1.1	-3.0	11.0	12.70	1.34	33.86	7.30	.25
90/03/09	20:50	03/10	04:46	60-58.8S	119-12.8	4378	1.1	-3.0	10.9	12.70	1.34	33.86	7.30	.25
90/03/09	20:55	03/10	04:51	60-58.8S	119-14.6	4377	1.1	-3.0	10.9	12.69	1.34	33.86	7.29	.24

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/09	21:00	03/10	04:57	60-58.6S	119-18.6	4377	1.1	-3.0	10.9	12.69	1.26	33.90	7.29	.24
90/03/09	21:05	03/10	05:02	60-58.6S	119-18.5	4377	1.1	-3.0	11.0	12.70	1.34	33.86	7.30	.23
90/03/09	21:10	03/10	05:07	60-58.6S	119-20.8	4374	1.1	-3.0	10.9	12.69	1.34	33.86	7.30	.23
90/03/09	21:15	03/10	05:12	60-58.6S	119-22.7	4372	1.1	-3.0	10.8	12.69	1.34	33.86	7.31	.20
90/03/09	21:20	03/10	05:17	60-58.6S	119-24.5	4370	1.1	-3.0	10.7	12.69	1.34	33.86	7.30	.22
90/03/09	21:25	03/10	05:22	60-58.6S	119-26.5	4368	1.1	-3.0	11.0	12.89	1.34	33.86	7.30	.20
90/03/09	21:30	03/10	05:27	60-58.6S	119-28.3	4367	1.1	-3.0	11.0	12.89	1.26	33.90	7.28	.18
90/03/09	21:35	03/10	05:33	60-58.4S	119-30.2	4368	1.0	-3.0	10.8	12.70	1.26	33.90	7.27	.20
90/03/09	21:40	03/10	05:38	60-58.4S	119-32.1	4369	1.1	-3.0	10.9	12.72	1.26	33.90	7.28	.16
90/03/09	21:45	03/10	05:43	60-58.4S	119-34.0	4369	1.1	-3.0	10.2	12.70	1.19	33.86	7.28	.19
90/03/09	21:50	03/10	05:48	60-58.4S	119-35.8	4367	1.1	-3.0	10.9	12.70	1.11	33.91	7.30	.23
90/03/09	21:55	03/10	05:53	60-58.4S	119-37.7	4366	1.3	-3.0	11.1	12.72	1.11	33.91	7.31	.24
90/03/09	22:00	03/10	05:58	60-58.4S	119-39.6	4363	1.3	-3.0	10.9	12.70	1.19	33.86	7.30	.23
90/03/09	22:05	03/10	06:03	60-58.3S	119-41.5	4363	1.3	-3.0	10.9	12.70	1.42	33.89	7.34	.23
90/03/09	22:10	03/10	06:08	60-58.5S	119-43.6	4364	1.3	-3.0	10.6	12.72	1.34	33.86	7.31	.23
90/03/09	22:15	03/10	06:14	60-58.6S	119-45.4	4349	1.3	-3.0	10.9	12.72	1.66	33.84	7.36	.20
90/03/09	22:20	03/10	06:19	60-58.6S	119-47.3	4349	1.4	-3.0	11.0	12.72	1.75	33.79	7.35	.20
90/03/09	22:25	03/10	06:24	60-58.4S	119-49.3	4350	1.5	-3.0	10.8	12.72	1.66	33.84	7.33	.20
90/03/09	22:30	03/10	06:29	60-58.4S	119-51.2	4354	1.5	-3.0	10.8	12.70	1.75	33.86	7.33	.17
90/03/09	22:35	03/10	06:34	60-58.6S	119-53.3	4361	1.5	-3.0	10.8	12.70	2.07	33.87	7.36	.16
90/03/09	22:40	03/10	06:39	60-58.6S	119-55.3	4365	1.5	-3.0	10.9	12.70	2.23	33.86	7.35	.16
90/03/09	22:45	03/10	06:44	60-58.6S	119-57.2	4361	1.5	-3.0	10.8	12.70	2.31	33.82	7.34	.14
90/03/09	22:50	03/10	06:49	60-58.6S	119-59.1	4369	1.6	-3.0	10.8	12.70	2.31	33.90	7.33	.14
90/03/09	22:55	03/10	06:55	60-58.6S	120-01.0	4367	1.7	-3.0	10.7	12.70	2.31	33.90	7.31	.16
90/03/09	23:00	03/10	07:00	60-58.6S	120-02.9	4365	1.7	-3.0	10.8	12.70	2.39	33.86	7.31	.14
90/03/09	23:05	03/10	07:05	60-58.6S	120-04.8	4365	1.7	-3.0	10.7	12.70	2.39	33.88	7.31	.16
90/03/09	23:10	03/10	07:10	60-58.6S	120-06.7	4346	1.8	-3.0	10.6	12.70	2.47	33.81	7.30	.16
90/03/09	23:15	03/10	07:15	60-58.6S	120-08.6	4344	1.8	-3.0	10.9	12.70	2.47	33.81	7.30	.14
90/03/09	23:20	03/10	07:20	60-58.6S	120-10.5	4346	1.8	-3.0	10.4	12.70	2.47	33.81	7.29	.13
90/03/09	23:25	03/10	07:25	60-58.6S	120-12.4	4355	1.9	-3.0	10.8	12.70	2.39	33.86	7.28	.16
90/03/09	23:30	03/10	07:30	60-58.6S	120-14.3	4364	2.0	-3.0	10.9	12.70	2.39	33.86	7.27	.16
90/03/09	23:35	03/10	07:35	60-58.6S	120-16.2	4365	2.0	-3.0	10.6	12.69	2.39	33.86	7.26	.16
90/03/09	23:40	03/10	07:41	60-58.6S	120-18.1	4370	2.0	-3.0	10.6	12.70	2.39	33.86	7.26	.14
90/03/09	23:45	03/10	07:46	60-58.6S	120-19.9	4372	2.0	-3.0	10.2	12.70	2.39	33.86	7.26	.14
90/03/09	23:50	03/10	07:51	60-58.6S	120-21.8	4382	2.0	-3.0	10.7	12.70	2.39	33.86	7.28	.16
90/03/09	23:55	03/10	07:56	60-58.6S	120-23.6	4375	2.0	-3.0	10.8	12.70	2.39	33.86	7.26	.12
90/03/10	00:00	03/10	08:01	60-58.9S	120-25.1	4381	1.9	-3.0	10.3	12.69	2.31	33.90	7.24	.12
90/03/10	00:05	03/10	08:06	60-58.9S	120-26.9	4378	2.1	-3.0	10.6	12.70	2.07	33.87	7.22	.14
90/03/10	00:10	03/10	08:11	60-58.9S	120-28.7	4376	2.1	-3.0	9.7	12.69	2.07	33.87	7.23	.16
90/03/10	00:15	03/10	08:17	60-59.1S	120-30.9	4382	2.0	-3.0	10.1	12.69	2.31	33.82	7.27	.13
90/03/10	00:20	03/10	08:22	60-59.1S	120-32.7	4386	2.0	-3.0	10.3	12.69	2.39	33.86	7.26	.11
90/03/10	00:25	03/10	08:27	60-59.1S	120-34.5	4387	2.0	-3.0	9.7	12.69	2.39	33.86	7.26	.10
90/03/10	00:30	03/10	08:32	60-59.1S	120-36.4	4387	1.9	-3.0	10.4	12.70	2.23	33.86	7.23	.12
90/03/10	00:35	03/10	08:37	60-59.1S	120-38.2	4385	2.0	-3.0	10.4	12.69	2.15	33.82	7.23	.11
90/03/10	00:40	03/10	08:42	60-59.1S	120-40.0	4385	2.1	-3.0	9.8	12.69	2.23	33.86	7.25	.10
90/03/10	00:45	03/10	08:47	60-59.2S	120-41.8	4385	2.1	-3.0	10.5	12.69	2.39	33.86	7.26	.10
90/03/10	00:50	03/10	08:52	60-59.2S	120-43.6	4382	2.1	-3.0	10.3	12.69	2.15	33.91	7.24	.10
90/03/10	00:55	03/10	08:58	60-59.2S	120-45.4	4379	2.0	-3.0	10.6	12.70	2.31	33.90	7.25	.10
90/03/10	01:00	03/10	09:03	60-59.2S	120-47.3	4375	2.1	-3.0	10.6	12.69	2.39	33.86	7.25	.09
90/03/10	01:05	03/10	09:08	60-59.2S	120-49.1	4373	2.1	-3.0	10.3	12.69	2.47	33.89	7.28	.11
90/03/10	01:10	03/10	09:13	60-59.5S	120-51.5	4372	2.2	-3.0	9.7	12.69	2.63	33.86	7.28	.10

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/10	01:15	03/10	09:18	60-59.5S	120-53.3	4370	2.3	-3.0	10.5	12.69	2.63	33.88	7.28	.10
90/03/10	01:20	03/10	09:23	60-59.4S	120-55.1	4368	2.3	-3.0	10.6	12.69	2.71	33.84	7.28	.10
90/03/10	01:25	03/10	09:28	60-59.3S	120-56.9	4366	2.4	-3.0	10.0	12.69	2.63	33.88	7.26	.10
90/03/10	01:30	03/10	09:33	60-59.3S	120-58.8	4363	2.5	-3.0	10.4	12.69	2.71	33.84	7.25	.07
90/03/10	01:35	03/10	09:39	60-59.2S	121-00.6	4362	2.8	-3.0	10.4	12.69	2.87	33.83	7.27	.08
90/03/10	01:40	03/10	09:44	60-59.2S	121-02.4	4361	2.8	-3.0	10.5	12.67	2.95	33.87	7.26	.08
90/03/10	01:45	03/10	09:49	60-59.2S	121-04.3	4362	2.6	-3.0	9.8	12.69	2.95	33.87	7.26	.09
90/03/10	01:50	03/10	09:54	60-59.2S	121-05.9	4363	2.8	-3.0	10.0	12.69	3.03	33.82	7.25	.09
90/03/10	01:55	03/10	09:59	60-59.2S	121-07.7	4372	2.7	-3.0	10.5	12.69	3.03	33.82	7.24	.08
90/03/10	02:00	03/10	10:04	60-59.1S	121-09.6	4368	2.7	-3.0	10.5	12.69	3.03	33.82	7.23	.08
90/03/10	02:05	03/10	10:09	60-59.2S	121-11.8	4363	2.7	-3.0	10.5	12.67	3.11	33.86	7.24	.08
90/03/10	02:10	03/10	10:14	60-59.2S	121-13.7	4361	2.9	-3.0	10.7	12.69	3.19	33.82	7.24	.08
90/03/10	02:15	03/10	10:20	60-59.3S	121-15.5	4366	2.8	-3.0	10.6	12.69	3.11	33.86	7.21	.08
90/03/10	02:20	03/10	10:25	60-59.5S	121-17.4	4367	3.0	-3.0	10.6	12.69	3.11	33.86	7.21	.07
90/03/10	02:25	03/10	10:30	60-59.6S	121-19.3	4367	3.1	-3.0	10.3	12.69	3.11	33.86	7.21	.08
90/03/10	02:30	03/10	10:35	60-59.7S	121-21.1	4369	3.1	-3.0	10.2	12.69	3.03	33.82	7.20	.08
90/03/10	02:35	03/10	10:40	60-59.8S	121-22.9	4361	3.1	-3.0	10.2	12.67	3.03	33.82	7.20	.09
90/03/10	02:40	03/10	10:45	60-59.9S	121-24.6	4370	3.1	-3.0	10.1	12.69	3.03	33.82	7.20	.09
90/03/10	02:45	03/10	10:50	61-00.0S	121-26.6	4368	3.1	-3.0	10.2	12.67	3.03	33.82	7.21	.08
90/03/10	02:50	03/10	10:55	61-00.1S	121-28.4	4374	3.1	-3.0	10.4	12.69	3.03	33.82	7.19	.08
90/03/10	02:55	03/10	11:01	61-00.2S	121-30.3	4361	3.0	-3.0	10.5	12.69	2.79	33.88	7.16	.08
90/03/10	03:00	03/10	11:06	61-00.4S	121-32.2	4376	3.0	-3.0	10.2	12.69	2.79	33.88	7.16	.08
90/03/10	03:05	03/10	11:11	61-00.5S	121-34.0	4375	3.0	-3.0	10.4	12.67	2.71	33.84	7.16	.08
90/03/10	03:10	03/10	11:16	61-00.6S	121-35.8	4376	3.0	-3.0	10.5	12.67	2.71	33.84	7.17	.08
90/03/10	03:15	03/10	11:21	61-00.7S	121-37.7	4374	3.1	-3.0	10.6	12.67	2.31	33.90	7.11	.08
90/03/10	03:20	03/10	11:26	61-00.8S	121-39.5	4381	3.1	-3.0	10.8	12.69	2.47	33.89	7.16	.08
90/03/10	03:25	03/10	11:31	61-00.9S	121-41.5	4361	3.2	-3.0	10.4	12.67	2.39	33.86	7.16	.08
90/03/10	03:30	03/10	11:36	61-01.0S	121-43.3	4377	3.2	-3.0	10.4	12.69	2.16	33.91	7.12	.08
90/03/10	03:35	03/10	11:41	61-01.1S	121-44.8	4377	3.2	-3.0	10.7	12.67	2.15	33.91	7.13	.08
90/03/10	03:40	03/10	11:47	61-01.3S	121-47.0	4373	3.2	-3.0	10.3	12.67	2.23	33.86	7.16	.07
90/03/10	03:45	03/10	11:52	61-01.4S	121-48.8	4361	3.2	-3.0	10.7	12.67	2.31	33.90	7.17	.07
90/03/10	03:50	03/10	11:57	61-01.5S	121-50.8	4376	3.2	-3.0	10.8	12.69	2.31	33.90	7.16	.08
90/03/10	03:55	03/10	12:02	61-01.6S	121-52.7	4361	3.1	-3.0	10.6	12.69	2.23	33.86	7.14	.07
90/03/10	04:00	03/10	12:07	61-01.7S	121-54.5	4379	3.1	-3.0	10.4	12.69	2.15	33.82	7.13	.07
90/03/10	04:05	03/10	12:12	61-01.7S	121-56.4	4374	3.1	-3.0	10.4	12.69	2.15	33.91	7.13	.07
90/03/10	04:10	03/10	12:17	61-01.6S	121-58.2	4384	3.1	-3.0	10.4	12.69	2.23	33.86	7.16	.07
90/03/10	04:15	03/10	12:23	61-01.6S	122-00.1	4377	3.1	-3.0	10.6	12.69	2.23	33.86	7.13	.07
90/03/10	04:20	03/10	12:28	61-01.5S	122-02.0	4366	3.1	-3.0	10.4	12.69	2.15	33.82	7.13	.07
90/03/10	04:25	03/10	12:33	61-01.4S	122-03.8	4366	3.1	-3.0	10.4	12.69	2.15	33.91	7.13	.07
90/03/10	04:30	03/10	12:38	61-01.4S	122-05.7	4369	3.1	-3.0	10.2	12.67	2.23	33.86	7.14	.07
90/03/10	04:35	03/10	12:43	61-01.4S	122-07.6	4367	3.1	-3.0	10.6	12.69	2.23	33.86	7.13	.07
90/03/10	04:40	03/10	12:48	61-01.1S	122-09.0	4369	3.1	-3.0	5.9	12.67	2.15	33.91	7.13	.07
90/03/10	04:45	03/10	12:53	61-01.1S	122-08.9	4370	3.5	-3.0	.3	12.70	2.15	33.82	7.14	.07
90/03/10	04:50	03/10	12:58	61-01.1S	122-08.9	4370	5.1	-3.0	.3	12.89	2.15	33.82	7.12	.08
90/03/10	04:55	03/10	13:03	61-01.1S	122-08.9	4370	4.0	-3.0	.2	12.89	2.15	33.82	7.12	.10
90/03/10	05:00	03/10	13:08	61-01.2S	122-08.9	4370	4.2	-3.0	.1	12.89	2.15	33.91	7.12	.08
90/03/10	05:05	03/10	13:13	61-01.2S	122-09.0	4369	4.5	-3.0	.1	12.69	2.15	33.82	7.12	.09
90/03/10	05:10	03/10	13:18	61-01.2S	122-09.0	4369	5.2	-3.0	.1	12.89	2.15	33.82	7.11	.08
90/03/10	05:15	03/10	13:23	61-01.2S	122-09.1	4368	5.5	-3.0	.1	12.89	2.15	33.91	7.10	.09
90/03/10	05:20	03/10	13:28	61-01.3S	122-09.1	4368	5.2	-3.0	.2	12.69	2.15	33.91	7.09	.08
90/03/10	05:25	03/10	13:33	60-59.8S	122-10.4	4367	4.7	-3.0	.2	12.89	2.15	33.82	7.07	.09

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/10	05:30	03/10	13:38	60-59.8S	122-10.5	4367	4.3	-3.0	.1	12.69	2.15	33.82	7.08	.09
90/03/10	05:35	03/10	13:43	60-59.8S	122-10.6	4369	4.8	-3.0	.2	12.69	2.15	33.91	7.08	.09
90/03/10	05:40	03/10	13:48	60-59.8S	122-10.6	4387	4.3	-3.0	.1	12.69	2.23	33.86	7.08	.09
90/03/10	05:45	03/10	13:53	60-59.8S	122-10.7	4367	4.2	-3.0	.1	12.69	2.15	33.91	7.07	.09
90/03/10	05:50	03/10	13:58	60-59.8S	122-10.8	4367	4.3	-3.0	.1	12.69	2.23	33.86	7.07	.09
90/03/10	05:55	03/10	14:03	60-59.8S	122-10.9	4386	4.4	-3.0	.1	12.69	2.23	33.86	7.08	.09
90/03/10	06:00	03/10	14:08	60-59.7S	122-10.9	4366	3.9	-3.0	.1	12.69	2.15	33.91	7.07	.10
90/03/10	06:05	03/10	14:13	61-00.2S	122-10.4	4368	4.0	-3.0	0.0	12.69	2.15	33.91	7.07	.10
90/03/10	06:10	03/10	14:18	61-00.2S	122-10.4	4386	4.3	-3.0	.1	12.69	2.15	33.91	7.07	.10
90/03/10	06:15	03/10	14:23	61-00.2S	122-10.5	4386	4.2	-3.0	0.0	12.69	2.15	33.91	7.07	.12
90/03/10	06:20	03/10	14:28	61-00.2S	122-10.6	4386	4.1	-3.0	.1	12.69	2.23	33.86	7.06	.11
90/03/10	06:25	03/10	14:33	61-00.3S	122-10.1	4386	4.3	-3.0	0.0	12.69	2.23	33.86	7.05	.12
90/03/10	06:30	03/10	14:38	61-00.3S	122-10.1	4386	4.2	-3.0	0.0	12.67	2.23	33.86	7.06	.12
90/03/10	06:35	03/10	14:43	61-00.3S	122-10.1	4387	4.0	-3.0	0.0	12.67	2.23	33.86	7.05	.12
90/03/10	06:40	03/10	14:48	61-00.3S	122-10.2	4385	3.8	-3.0	0.0	12.69	2.23	33.86	7.05	.12
90/03/10	06:45	03/10	14:53	61-00.3S	122-10.3	4385	4.1	-3.0	0.0	12.67	2.23	33.86	7.04	.11
90/03/10	06:50	03/10	14:58	61-00.3S	122-10.3	4385	4.3	-3.0	0.0	12.67	2.23	33.86	7.03	.12
90/03/10	06:55	03/10	15:03	61-00.3S	122-10.3	4385	4.3	-3.0	.1	12.69	2.23	33.86	7.03	.12
90/03/10	07:00	03/10	15:08	61-00.3S	122-10.3	4385	4.9	-3.0	.1	12.67	2.23	33.86	7.02	.12
90/03/10	07:05	03/10	15:13	61-00.3S	122-10.4	4385	5.1	-3.0	.2	12.67	2.23	33.86	7.02	.12
90/03/10	07:10	03/10	15:18	61-00.4S	122-09.5	4385	4.9	-3.0	.1	12.69	2.23	33.86	7.02	.13
90/03/10	07:15	03/10	15:23	61-00.4S	122-09.5	4385	4.8	-3.0	.1	12.67	2.23	33.86	7.01	.13
90/03/10	07:20	03/10	15:28	61-00.4S	122-09.5	4385	4.3	-3.0	.1	12.69	2.23	33.86	7.01	.13
90/03/10	07:25	03/10	15:33	61-00.4S	122-09.5	4385	4.4	-3.0	.1	12.67	2.23	33.86	7.00	.13
90/03/10	07:30	03/10	15:38	61-00.5S	122-09.5	4385	4.4	-3.0	0.0	12.67	2.23	33.86	7.01	.14
90/03/10	07:35	03/10	15:43	61-00.5S	122-09.5	4385	3.9	-3.0	.1	12.67	2.23	33.86	7.00	.13
90/03/10	07:40	03/10	15:48	61-00.5S	122-09.5	4385	4.4	-3.0	.1	12.67	2.23	33.86	6.99	.14
90/03/10	07:45	03/10	15:53	61-00.5S	122-09.4	4385	4.4	-3.0	.2	12.67	2.23	33.86	6.99	.14
90/03/10	07:50	03/10	15:58	61-00.5S	122-09.4	4385	4.1	-3.0	.2	12.67	2.23	33.86	6.99	.14
90/03/10	07:55	03/10	16:03	61-00.7S	122-09.2	4385	3.5	-3.0	.1	12.67	2.23	33.86	6.98	.13
90/03/10	08:00	03/10	16:08	61-00.8S	122-09.2	4385	3.3	-3.0	.1	12.67	2.23	33.86	6.98	.14
90/03/10	08:05	03/10	16:13	61-00.8S	122-09.2	4385	3.4	-3.0	.1	12.67	2.23	33.86	6.97	.14
90/03/10	08:10	03/10	16:18	61-00.7S	122-08.8	4369	3.7	-3.0	5.5	12.67	2.31	33.82	6.97	.14
90/03/10	08:15	03/10	16:23	61-00.6S	122-09.8	4385	3.0	-3.0	8.8	12.67	2.31	33.90	7.01	.13
90/03/10	08:20	03/10	16:28	61-00.6S	122-11.6	4369	2.7	-3.0	11.1	12.67	2.23	33.86	6.98	.14
90/03/10	08:25	03/10	16:33	61-00.7S	122-13.1	4379	2.5	-3.0	10.6	12.67	2.23	33.86	6.96	.15
90/03/10	08:30	03/10	16:38	61-00.7S	122-14.9	4390	2.4	-3.0	10.4	12.87	2.15	33.82	6.95	.16
90/03/10	08:35	03/10	16:44	61-00.8S	122-16.7	4394	2.4	-3.0	10.6	12.67	2.07	33.87	6.95	.16
90/03/10	08:40	03/10	16:49	61-00.8S	122-18.8	4395	2.4	-3.0	10.8	12.67	2.07	33.87	6.96	.17
90/03/10	08:45	03/10	16:54	61-00.8S	122-20.4	4397	2.4	-3.0	10.7	12.67	2.07	33.87	6.97	.18
90/03/10	08:50	03/10	16:59	61-00.8S	122-22.3	4399	2.4	-3.0	10.7	12.67	2.07	33.87	6.98	.19
90/03/10	08:55	03/10	17:04	61-00.9S	122-24.1	4399	2.4	-3.0	10.2	12.67	2.07	33.87	6.98	.18
90/03/10	09:00	03/10	17:09	61-00.9S	122-25.9	4399	2.4	-3.0	10.2	12.67	2.15	33.82	6.99	.16
90/03/10	09:05	03/10	17:14	61-01.0S	122-27.7	4397	2.4	-3.0	10.7	12.87	2.23	33.86	7.00	.13
90/03/10	09:10	03/10	17:19	61-01.0S	122-29.5	4396	2.4	-3.0	10.8	12.67	2.31	33.82	7.02	.13
90/03/10	09:15	03/10	17:25	61-01.0S	122-31.3	4400	2.4	-3.0	10.6	12.67	2.31	33.82	7.01	.13
90/03/10	09:20	03/10	17:30	61-01.0S	122-33.2	4400	2.4	-3.0	10.6	12.67	2.23	33.86	7.00	.13
90/03/10	09:25	03/10	17:35	61-01.1S	122-35.0	4399	2.4	-3.0	10.5	12.67	2.23	33.86	7.01	.13
90/03/10	09:30	03/10	17:40	61-01.1S	122-36.8	4398	2.4	-3.0	10.7	12.67	2.23	33.86	7.00	.13
90/03/10	09:35	03/10	17:45	61-01.1S	122-38.6	4403	2.4	-3.0	10.5	12.67	2.23	33.86	7.00	.12
90/03/10	09:40	03/10	17:50	61-01.1S	122-40.5	4403	2.5	-3.0	10.7	12.67	2.23	33.86	7.00	.12

GRT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/10	09:45	03/10	17:55	81-01.2S	122-42.3	4402	2.5	-3.0	10.6	12.69	2.23	33.86	7.00	.15
90/03/10	09:50	03/10	18:00	81-01.2S	122-44.2	4402	2.5	-3.0	10.7	12.67	2.31	33.82	7.02	.13
90/03/10	09:55	03/10	18:08	81-01.3S	122-46.0	4398	2.5	-3.0	10.5	12.69	2.31	33.82	7.02	.12
90/03/10	10:00	03/10	18:11	81-00.5S	122-49.8	4404	2.6	-3.0	10.8	12.69	2.39	33.86	7.03	.12
90/03/10	10:05	03/10	18:16	81-00.5S	122-51.4	4404	2.6	-3.0	10.6	12.67	2.39	33.88	7.03	.12
90/03/10	10:10	03/10	18:21	81-00.5S	122-53.3	4404	2.6	-3.0	10.7	12.67	2.39	33.86	7.02	.12
90/03/10	10:15	03/10	18:26	81-00.5S	122-55.1	4398	2.8	-3.0	10.4	12.69	2.39	33.88	7.02	.12
90/03/10	10:20	03/10	18:31	81-00.5S	122-57.1	4379	2.6	-3.0	10.3	12.67	2.39	33.86	7.02	.12
90/03/10	10:25	03/10	18:36	81-00.5S	122-58.9	4393	2.6	-3.0	10.6	12.67	2.47	33.81	7.03	.12
90/03/10	10:30	03/10	18:42	81-00.5S	123-00.8	4401	2.6	-3.0	10.4	12.67	2.47	33.81	7.03	.12
90/03/10	10:35	03/10	18:47	81-00.5S	123-02.6	4410	2.6	-3.0	10.5	12.67	2.39	33.86	7.03	.11
90/03/10	10:40	03/10	18:52	81-00.4S	123-04.6	4435	2.6	-3.0	10.8	12.67	2.39	33.86	7.02	.11
90/03/10	10:45	03/10	18:57	81-00.4S	123-06.4	4439	2.6	-3.0	10.6	12.67	2.39	33.86	7.03	.12
90/03/10	10:50	03/10	19:02	81-00.4S	123-08.3	4420	2.6	-3.0	10.7	12.67	2.39	33.88	7.02	.12
90/03/10	10:55	03/10	19:07	81-00.4S	123-10.2	4412	2.6	-3.0	10.7	12.67	2.39	33.88	7.03	.12
90/03/10	11:00	03/10	19:12	81-00.4S	123-12.1	4416	2.8	-3.0	10.6	12.67	2.39	33.86	7.02	.12
90/03/10	11:05	03/10	19:17	81-00.4S	123-14.0	4421	2.8	-3.0	10.8	12.67	2.39	33.86	7.03	.13
90/03/10	11:10	03/10	19:23	81-00.4S	123-15.9	4430	2.6	-3.0	10.8	12.67	2.47	33.81	7.04	.14
90/03/10	11:15	03/10	19:28	81-00.4S	123-17.8	4424	2.6	-3.0	10.7	12.67	2.55	33.84	7.04	.14
90/03/10	11:20	03/10	19:33	81-00.4S	123-19.7	4420	2.6	-3.0	10.7	12.67	2.47	33.81	7.05	.16
90/03/10	11:25	03/10	19:38	81-00.4S	123-21.6	4426	2.6	-3.0	10.6	12.67	2.47	33.89	7.04	.15
90/03/10	11:30	03/10	19:43	81-00.4S	123-23.5	4422	2.6	-3.0	10.4	12.69	2.47	33.81	7.04	.17
90/03/10	11:35	03/10	19:48	81-00.7S	123-25.6	4420	2.7	-3.0	10.3	12.67	2.47	33.89	7.03	.16
90/03/10	11:40	03/10	19:53	81-00.7S	123-27.5	4420	2.7	-3.0	10.5	12.79	2.55	33.84	7.05	.18
90/03/10	11:45	03/10	19:58	81-00.7S	123-29.4	4418	2.7	-3.0	10.1	12.76	2.71	33.84	7.07	.17
90/03/10	11:50	03/10	20:04	81-00.7S	123-31.3	4413	2.7	-3.0	10.7	12.76	2.79	33.88	7.07	.17
90/03/10	11:55	03/10	20:09	81-00.7S	123-33.1	4409	2.7	-3.0	10.4	12.76	2.79	33.79	7.06	.16
90/03/10	12:00	03/10	20:14	81-00.7S	123-35.0	4409	2.7	-3.0	10.6	12.76	2.71	33.84	7.03	.16
90/03/10	12:05	03/10	20:19	81-00.7S	123-36.8	4401	2.7	-3.0	10.1	12.76	2.55	33.84	7.02	.17
90/03/10	12:10	03/10	20:24	81-00.7S	123-38.6	4398	2.7	-3.0	9.2	12.76	2.47	33.89	7.03	.17
90/03/10	12:15	03/10	20:29	81-00.7S	123-40.3	4399	2.7	-3.0	9.1	12.76	2.55	33.84	7.04	.15
90/03/10	12:20	03/10	20:34	81-00.7S	123-41.6	4397	2.7	-3.0	9.0	12.76	2.47	33.89	7.03	.16
90/03/10	12:25	03/10	20:39	81-00.7S	123-43.5	4396	2.7	-3.0	9.1	12.76	2.47	33.81	7.03	.15
90/03/10	12:30	03/10	20:45	81-00.7S	123-45.2	4396	2.7	-3.0	9.3	12.76	2.39	33.86	7.05	.16
90/03/10	12:35	03/10	20:50	81-00.7S	123-46.9	4403	2.7	-3.0	9.3	12.76	2.39	33.86	7.04	.15
90/03/10	12:40	03/10	20:55	81-00.7S	123-48.5	4399	2.7	-3.0	9.2	12.75	2.47	33.89	7.05	.15
90/03/10	12:45	03/10	21:00	81-00.7S	123-50.2	4397	2.7	-3.0	9.2	12.76	2.47	33.89	7.06	.16
90/03/10	12:50	03/10	21:05	81-01.1S	123-52.4	4418	2.7	-3.0	8.6	12.75	2.55	33.84	7.06	.17
90/03/10	12:55	03/10	21:10	81-01.1S	123-54.0	4407	2.7	-3.0	8.9	12.75	2.47	33.89	7.07	.17
90/03/10	13:00	03/10	21:15	81-01.2S	123-55.7	4400	2.7	-3.0	10.4	12.75	2.47	33.89	7.07	.17
90/03/10	13:05	03/10	21:20	81-01.2S	123-57.7	4400	2.7	-3.0	10.6	12.75	2.55	33.84	7.08	.17
90/03/10	13:10	03/10	21:25	81-01.2S	123-59.6	4399	2.7	-3.0	11.7	12.75	2.55	33.84	7.08	.18
90/03/10	13:15	03/10	21:31	81-01.3S	124-01.7	4397	2.7	-3.0	11.3	12.75	2.63	33.80	7.08	.17
90/03/10	13:20	03/10	21:36	81-01.3S	124-03.8	4398	2.7	-3.0	11.6	12.75	2.63	33.88	7.09	.18
90/03/10	13:25	03/10	21:41	81-01.3S	124-05.9	4402	2.7	-3.0	11.7	12.76	2.63	33.88	7.09	.17
90/03/10	13:30	03/10	21:46	81-01.3S	124-08.0	4402	2.7	-3.0	11.5	12.75	2.63	33.88	7.10	.17
90/03/10	13:35	03/10	21:51	81-01.3S	124-10.3	4402	2.7	-3.0	11.7	12.75	2.63	33.88	7.09	.17
90/03/10	13:40	03/10	21:56	81-01.3S	124-12.5	4403	2.7	-3.0	11.6	12.75	2.63	33.88	7.10	.17
90/03/10	13:45	03/10	22:01	81-01.3S	124-14.6	4406	2.7	-3.0	11.9	12.75	2.63	33.88	7.10	.17
90/03/10	13:50	03/10	22:07	81-01.3S	124-16.7	4408	2.7	-3.0	11.4	12.75	2.63	33.80	7.09	.16
90/03/10	13:55	03/10	22:12	81-01.3S	124-18.8	4408	2.7	-3.0	11.8	12.75	2.63	33.88	7.10	.18

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/10	14:00	03/10	22:17	61-01.3S	124-21.0	4414	2.7	-3.0	11.5	12.75	2.63	33.80	7.10	.18
90/03/10	14:05	03/10	22:22	61-01.4S	124-23.1	4416	2.7	-3.0	11.7	12.76	2.55	33.84	7.08	.17
90/03/10	14:10	03/10	22:27	61-01.4S	124-25.1	4423	2.7	-3.0	11.0	12.76	2.47	33.89	7.09	.16
90/03/10	14:15	03/10	22:32	61-01.4S	124-27.1	4420	2.7	-3.0	10.7	12.76	2.47	33.89	7.09	.16
90/03/10	14:20	03/10	22:37	61-01.4S	124-29.1	4419	2.7	-3.0	11.1	12.76	2.55	33.84	7.09	.16
90/03/10	14:25	03/10	22:43	61-01.4S	124-31.1	4419	2.7	-3.0	11.0	12.76	2.55	33.84	7.09	.16
90/03/10	14:30	03/10	22:48	61-01.4S	124-33.1	4419	2.7	-3.0	11.1	12.76	2.55	33.84	7.09	.16
90/03/10	14:35	03/10	22:53	61-00.8S	124-34.7	4422	2.7	-3.0	10.9	12.76	2.55	33.84	7.09	.16
90/03/10	14:40	03/10	22:58	61-00.8S	124-36.7	4424	2.7	-3.0	10.6	12.75	2.55	33.84	7.08	.16
90/03/10	14:45	03/10	23:03	61-00.7S	124-38.6	4426	2.7	-3.0	10.7	12.75	2.55	33.84	7.08	.16
90/03/10	14:50	03/10	23:08	61-00.6S	124-40.6	4426	2.7	-3.0	10.9	12.78	2.63	33.80	7.10	.16
90/03/10	14:55	03/10	23:13	61-00.6S	124-42.5	4425	2.7	-3.0	11.1	12.75	2.63	33.88	7.10	.14
90/03/10	15:00	03/10	23:18	61-00.6S	124-44.5	4428	2.8	-3.0	10.9	12.75	2.63	33.88	7.10	.17
90/03/10	15:05	03/10	23:24	61-00.4S	124-46.5	4433	2.8	-3.0	11.2	12.75	2.71	33.84	7.10	.16
90/03/10	15:10	03/10	23:29	61-00.4S	124-48.4	4440	2.8	-3.0	10.2	12.75	2.79	33.79	7.10	.16
90/03/10	15:15	03/10	23:34	61-00.3S	124-50.3	4433	2.8	-3.0	10.2	12.75	2.71	33.84	7.10	.17
90/03/10	15:20	03/10	23:39	61-00.2S	124-52.1	4430	2.8	-3.0	10.2	12.75	2.71	33.84	7.10	.17
90/03/10	15:25	03/10	23:44	61-00.1S	124-54.0	4434	2.8	-3.0	10.3	12.75	2.71	33.84	7.09	.16
90/03/10	15:30	03/10	23:49	61-00.1S	124-55.9	4437	2.8	-3.0	9.9	12.76	2.79	33.79	7.10	.17
90/03/10	15:35	03/10	23:54	61-00.1S	124-57.7	4437	2.8	-3.0	10.2	12.75	2.55	33.84	7.07	.16
90/03/10	15:40	03/10	23:59	61-00.1S	124-59.5	4439	2.8	-3.0	10.2	12.75	2.55	33.84	7.09	.16
90/03/10	15:45	03/11	00:05	61-00.1S	125-01.4	4437	2.8	-3.0	10.0	12.75	2.55	33.84	7.10	.16
90/03/10	15:50	03/11	00:10	61-00.1S	125-02.6	4436	2.8	-3.0	10.4	12.75	2.55	33.84	7.10	.17
90/03/10	15:55	03/11	00:15	61-00.1S	125-04.4	4438	2.8	-3.0	10.3	12.75	2.55	33.84	7.10	.17
90/03/10	16:00	03/11	00:20	61-00.1S	125-06.2	4439	2.9	-3.0	10.2	12.75	2.47	33.89	7.11	.17
90/03/10	16:05	03/11	00:25	61-00.1S	125-08.0	4441	2.9	-3.0	10.0	12.75	2.55	33.84	7.12	.16
90/03/10	16:10	03/11	00:30	61-00.1S	125-09.8	4443	2.8	-3.0	10.3	12.75	2.47	33.89	7.12	.17
90/03/10	16:15	03/11	00:35	61-00.2S	125-11.9	4445	2.8	-3.0	10.4	12.75	2.55	33.84	7.12	.17
90/03/10	16:20	03/11	00:40	61-00.3S	125-13.7	4447	2.8	-3.0	10.4	12.75	2.55	33.84	7.13	.16
90/03/10	16:25	03/11	00:45	61-00.3S	125-15.6	4447	2.8	-3.0	10.4	12.75	2.55	33.84	7.13	.16
90/03/10	16:30	03/11	00:51	61-00.3S	125-17.5	4447	2.8	-3.0	10.2	12.75	2.55	33.84	7.13	.16
90/03/10	16:35	03/11	00:56	61-00.3S	125-19.3	4448	2.8	-3.0	10.3	12.75	2.47	33.89	7.12	.16
90/03/10	16:40	03/11	01:01	61-00.3S	125-21.1	4448	2.8	-3.0	10.5	12.75	2.47	33.89	7.12	.16
90/03/10	16:45	03/11	01:06	61-00.4S	125-23.0	4450	2.8	-3.0	10.5	12.75	2.47	33.89	7.12	.16
90/03/10	16:50	03/11	01:11	61-00.4S	125-24.8	4450	2.8	-3.0	10.2	12.75	2.55	33.84	7.14	.16
90/03/10	16:55	03/11	01:16	61-00.4S	125-26.8	4452	2.7	-3.0	10.6	12.75	2.55	33.84	7.14	.16
90/03/10	17:00	03/11	01:21	61-00.5S	125-28.0	4453	2.6	-3.0	10.6	12.75	2.55	33.84	7.14	.16
90/03/10	17:05	03/11	01:27	61-00.5S	125-30.9	4454	2.6	-3.0	10.5	12.75	2.55	33.84	7.14	.16
90/03/10	17:10	03/11	01:32	61-00.5S	125-32.8	4459	2.6	-3.0	10.5	12.76	2.55	33.84	7.14	.16
90/03/10	17:15	03/11	01:37	61-00.7S	125-34.8	4457	2.5	-3.0	10.6	12.75	2.55	33.84	7.14	.16
90/03/10	17:20	03/11	01:42	61-00.7S	125-36.7	4460	2.4	-3.0	10.4	12.75	2.55	33.84	7.13	.16
90/03/10	17:25	03/11	01:47	61-00.7S	125-38.5	4463	2.4	-3.0	10.6	12.75	2.55	33.84	7.13	.18
90/03/10	17:30	03/11	01:52	61-00.7S	125-40.4	4469	2.4	-3.0	10.5	12.75	2.55	33.84	7.13	.17
90/03/10	17:35	03/11	01:57	61-00.8S	125-42.3	4467	2.4	-3.0	10.4	12.75	2.55	33.84	7.12	.16
90/03/10	17:40	03/11	02:02	61-00.8S	125-44.2	4470	2.4	-3.0	10.5	12.76	2.55	33.84	7.10	.16
90/03/10	17:45	03/11	02:08	61-00.8S	125-46.1	4468	2.3	-3.0	10.4	12.78	2.47	33.89	7.10	.16
90/03/10	17:50	03/11	02:13	61-00.8S	125-47.9	4472	2.3	-3.0	10.3	12.76	2.55	33.84	7.10	.16
90/03/10	17:55	03/11	02:18	61-00.8S	125-49.9	4476	2.3	-3.0	10.3	12.76	2.55	33.84	7.09	.17
90/03/10	18:00	03/11	02:23	61-00.9S	125-51.7	4478	2.3	-3.0	10.3	12.75	2.55	33.84	7.07	.17
90/03/10	18:05	03/11	02:28	61-00.9S	125-53.6	4484	2.3	-3.0	10.3	12.75	2.55	33.84	7.07	.17
90/03/10	18:10	03/11	02:33	61-00.9S	125-55.4	4487	2.3	-3.0	10.6	12.76	2.55	33.84	7.07	.17

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/10	18:16	03/11	02:38	61-01.0S	126-57.4	4489	2.3	-3.0	10.5	12.76	2.55	33.84	7.07	.18
90/03/10	18:20	03/11	02:43	61-01.0S	126-59.2	4494	2.3	-3.0	9.9	12.75	2.55	33.84	7.06	.17
90/03/10	18:25	03/11	02:49	61-01.0S	126-01.0	4503	2.3	-3.0	9.7	12.75	2.55	33.84	7.07	.19
90/03/10	18:30	03/11	02:54	61-01.0S	126-02.7	4503	2.3	-3.0	9.7	12.76	2.47	33.89	7.06	.17
90/03/10	18:35	03/11	02:59	61-01.0S	126-06.1	4506	2.3	-3.0	9.6	12.76	2.47	33.81	7.04	.16
90/03/10	18:40	03/11	03:04	61-01.6S	126-07.9	4507	2.3	-3.0	9.8	12.75	2.47	33.81	7.05	.16
90/03/10	18:45	03/11	03:09	61-01.8S	126-09.8	4509	2.3	-3.0	9.7	12.76	2.47	33.81	7.06	.16
90/03/10	18:50	03/11	03:14	61-01.8S	126-11.6	4510	2.4	-3.0	10.0	12.75	2.47	33.81	7.05	.16
90/03/10	18:55	03/11	03:19	61-01.7S	126-13.4	4510	2.4	-3.0	9.9	12.75	2.47	33.81	7.05	.16
90/03/10	19:00	03/11	03:25	61-01.8S	126-15.1	4503	2.4	-3.0	9.6	12.75	2.47	33.81	7.05	.17
90/03/10	19:05	03/11	03:30	61-01.5S	126-16.9	4502	2.4	-3.0	9.8	12.75	2.47	33.81	7.05	.17
90/03/10	19:10	03/11	03:35	61-01.5S	126-18.7	4502	2.4	-3.0	9.5	12.75	2.47	33.81	7.05	.17
90/03/10	19:15	03/11	03:40	61-01.4S	126-20.5	4503	2.4	-3.0	9.5	12.75	2.47	33.81	7.05	.17
90/03/10	19:20	03/11	03:45	61-01.4S	126-22.3	4504	2.4	-3.0	9.8	12.75	2.47	33.89	7.05	.18
90/03/10	19:25	03/11	03:50	61-01.2S	126-24.4	4502	2.4	-3.0	9.1	12.75	2.83	33.88	7.07	.17
90/03/10	19:30	03/11	03:55	61-01.2S	126-28.2	4502	2.4	-3.0	9.5	12.75	2.83	33.88	7.08	.18
90/03/10	19:35	03/11	04:00	61-01.1S	126-28.0	4515	2.5	-3.0	9.3	12.75	2.63	33.88	7.06	.18
90/03/10	19:40	03/11	04:05	61-01.1S	126-29.8	4511	2.5	-3.0	9.4	12.75	2.55	33.84	7.05	.16
90/03/10	19:45	03/11	04:11	61-01.0S	126-31.6	4512	2.5	-3.0	10.0	12.75	2.63	33.88	7.06	.17
90/03/10	19:50	03/11	04:16	61-01.0S	126-33.4	4510	2.7	-3.0	9.8	12.75	2.63	33.88	7.06	.17
90/03/10	19:55	03/11	04:21	61-00.9S	126-35.3	4512	2.6	-3.0	9.8	12.75	2.71	33.84	7.07	.18
90/03/10	20:00	03/11	04:26	61-00.8S	126-37.1	4513	2.7	-3.0	9.4	12.75	2.71	33.84	7.05	.16
90/03/10	20:05	03/11	04:31	61-00.8S	126-38.9	4512	2.7	-3.0	9.4	12.75	2.63	33.88	7.04	.16
90/03/10	20:10	03/11	04:36	61-00.8S	126-40.7	4515	2.7	-3.0	9.6	12.75	2.83	33.88	7.05	.14
90/03/10	20:15	03/11	04:41	61-00.7S	126-42.5	4518	2.7	-3.0	9.5	12.75	2.63	33.88	7.05	.16
90/03/10	20:20	03/11	04:46	61-00.7S	126-44.3	4518	2.7	-3.0	9.4	12.75	2.79	33.88	7.07	.13
90/03/10	20:25	03/11	04:52	61-00.5S	126-45.8	4525	2.8	-3.0	9.4	12.75	2.87	33.83	7.07	.15
90/03/10	20:30	03/11	04:57	61-00.4S	126-47.6	4527	2.8	-3.0	9.4	12.75	3.11	33.78	7.07	.11
90/03/10	20:35	03/11	05:02	61-00.4S	126-49.3	4528	2.9	-3.0	9.1	12.75	3.19	33.82	7.07	.10
90/03/10	20:40	03/11	05:07	61-00.3S	126-51.1	4529	3.0	-3.0	9.3	12.73	3.27	33.77	7.06	.10
90/03/10	20:45	03/11	05:12	61-00.2S	126-52.8	4529	3.0	-3.0	8.9	12.73	3.27	33.86	7.04	.09
90/03/10	20:50	03/11	05:17	61-00.4S	126-54.4	4528	3.0	-3.0	9.5	12.75	3.27	33.77	7.03	.10
90/03/10	20:55	03/11	05:22	61-00.4S	126-56.2	4527	3.1	-3.0	9.7	12.75	3.19	33.82	7.00	.09
90/03/10	21:00	03/11	05:27	61-00.4S	126-58.3	4529	3.1	-3.0	9.5	12.73	3.27	33.86	7.02	.10
90/03/10	21:05	03/11	05:33	61-00.3S	127-00.1	4528	3.1	-3.0	10.0	12.75	3.27	33.86	7.00	.10
90/03/10	21:10	03/11	05:38	61-00.2S	127-02.0	4529	3.1	-3.0	9.6	12.73	3.19	33.82	6.99	.10
90/03/10	21:15	03/11	05:43	61-00.2S	127-03.8	4531	3.1	-3.0	9.7	12.73	3.19	33.82	6.98	.09
90/03/10	21:20	03/11	05:48	61-00.2S	127-05.2	4529	3.1	-3.0	9.7	12.73	3.27	33.77	6.98	.10
90/03/10	21:25	03/11	05:53	61-00.1S	127-07.4	4530	3.2	-3.0	9.8	12.75	3.27	33.77	6.98	.10
90/03/10	21:30	03/11	05:58	61-00.1S	127-09.2	4533	3.2	-3.0	9.5	12.73	3.27	33.77	6.98	.09
90/03/10	21:35	03/11	06:03	61-00.0S	127-11.0	4535	3.1	-3.0	9.7	12.73	3.27	33.77	6.98	.09
90/03/10	21:40	03/11	06:08	60-59.9S	127-12.7	4536	3.1	-3.0	9.2	12.73	3.27	33.77	6.98	.09
90/03/10	21:45	03/11	06:13	60-59.6S	127-13.7	4538	3.1	-3.0	9.4	12.73	3.19	33.82	6.97	.09
90/03/10	21:50	03/11	06:19	60-59.8S	127-15.4	4540	3.1	-3.0	9.6	12.73	3.19	33.82	6.97	.09
90/03/10	21:55	03/11	06:24	60-59.5S	127-17.6	4541	3.1	-3.0	9.5	12.73	3.19	33.82	6.96	.09
90/03/10	22:00	03/11	06:29	60-59.4S	127-19.3	4542	3.0	-3.0	9.5	12.75	3.19	33.82	6.96	.09
90/03/10	22:05	03/11	06:34	60-59.4S	127-21.1	4548	3.0	-3.0	9.6	12.75	3.11	33.86	6.95	.09
90/03/10	22:10	03/11	06:39	60-59.4S	127-23.0	4561	3.1	-3.0	9.8	12.73	3.03	33.82	6.94	.10
90/03/10	22:15	03/11	06:44	60-59.4S	127-24.4	4561	3.0	-3.0	10.3	12.75	3.03	33.82	6.95	.09
90/03/10	22:20	03/11	06:49	60-59.4S	127-26.3	4569	3.0	-3.0	9.7	12.75	3.03	33.82	6.96	.09
90/03/10	22:25	03/11	06:54	60-59.4S	127-27.7	4562	3.0	-3.0	10.1	12.75	3.03	33.82	6.94	.09

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/10	22:30	03/11	06:59	60-59.4S	127-29.6	4562	3.0	-3.0	10.0	12.73	2.87	33.83	6.93	.10
90/03/10	22:36	03/11	07:05	60-59.4S	127-31.8	4563	3.0	-3.0	9.9	12.73	2.47	33.89	6.89	.11
90/03/10	22:40	03/11	07:10	60-59.5S	127-33.7	4566	3.0	-3.0	10.0	12.76	2.39	33.86	6.88	.11
90/03/10	22:45	03/11	07:16	60-59.5S	127-35.6	4565	3.0	-3.0	10.2	12.73	2.39	33.86	6.92	.11
90/03/10	22:50	03/11	07:20	60-59.5S	127-37.0	4566	3.0	-3.0	9.8	12.75	2.39	33.86	6.94	.13
90/03/10	22:55	03/11	07:25	60-59.5S	127-39.2	4567	2.9	-3.0	10.2	13.09	2.39	33.86	6.98	.14
90/03/10	23:00	03/11	07:30	60-59.5S	127-41.1	4566	2.9	-3.0	10.0	12.57	2.31	33.82	6.98	.14
90/03/10	23:05	03/11	07:35	60-59.5S	127-42.6	4569	2.9	-3.0	10.2	12.57	2.31	33.82	6.97	.15
90/03/10	23:10	03/11	07:41	60-59.3S	127-45.2	4580	3.0	-3.0	10.5	12.56	2.31	33.90	7.00	.14
90/03/10	23:15	03/11	07:46	60-59.3S	127-47.2	4561	3.0	-3.0	10.8	12.57	2.39	33.86	7.02	.14
90/03/10	23:20	03/11	07:51	60-59.3S	127-49.2	4569	3.0	-3.0	10.5	12.59	2.39	33.86	7.03	.14
90/03/10	23:25	03/11	07:56	60-59.3S	127-51.6	4569	3.0	-3.0	10.8	12.57	2.39	33.86	7.04	.14
90/03/10	23:30	03/11	08:01	60-59.3S	127-53.2	4567	3.0	-3.0	10.8	12.57	2.31	33.90	7.03	.15
90/03/10	23:35	03/11	08:06	60-59.3S	127-55.6	4583	3.0	-3.0	10.9	12.57	2.31	33.82	7.03	.14
90/03/10	23:40	03/11	08:11	60-59.3S	127-57.2	4568	3.0	-3.0	10.6	12.57	2.31	33.82	7.03	.13
90/03/10	23:45	03/11	08:16	60-59.4S	127-59.6	4567	3.1	-3.0	10.6	12.57	2.31	33.90	7.05	.12
90/03/10	23:50	03/11	08:22	60-59.4S	128-01.6	4569	3.1	-3.0	10.9	12.57	2.31	33.82	7.05	.12
90/03/10	23:55	03/11	08:27	60-59.4S	128-03.6	4568	3.1	-3.0	10.3	12.57	2.23	33.86	7.05	.11
90/03/11	00:00	03/11	08:32	60-59.4S	128-05.2	4564	3.1	-3.0	10.7	12.57	2.16	33.82	7.06	.12
90/03/11	00:05	03/11	08:37	60-59.5S	128-07.4	4566	3.1	-3.0	10.5	12.57	2.23	33.86	7.07	.12
90/03/11	00:10	03/11	08:42	60-59.5S	128-09.3	4583	3.1	-3.0	10.7	12.57	2.23	33.86	7.07	.11
90/03/11	00:15	03/11	08:47	60-59.5S	128-11.7	4583	3.1	-3.0	10.4	12.57	2.16	33.91	7.07	.11
90/03/11	00:20	03/11	08:52	60-59.5S	128-13.3	4569	3.1	-3.0	10.5	12.57	2.07	33.87	7.07	.11
90/03/11	00:25	03/11	08:58	60-59.5S	128-15.2	4566	3.1	-3.0	10.7	12.57	2.07	33.87	7.07	.12
90/03/11	00:30	03/11	09:03	60-59.5S	128-17.2	4564	3.0	-3.0	10.7	12.57	2.07	33.87	7.07	.12
90/03/11	00:35	03/11	09:08	60-59.5S	128-19.2	4583	3.0	-3.0	10.5	12.57	2.07	33.87	7.08	.11
90/03/11	00:40	03/11	09:13	60-59.5S	128-21.2	4564	3.0	-3.0	10.3	12.57	2.07	33.87	7.07	.11
90/03/11	00:45	03/11	09:18	60-59.6S	128-23.5	4566	3.0	-3.0	10.4	12.57	2.07	33.87	7.10	.11
90/03/11	00:50	03/11	09:23	60-59.7S	128-25.9	4566	3.0	-3.0	10.4	12.57	2.07	33.87	7.10	.11
90/03/11	00:55	03/11	09:28	60-59.7S	128-27.8	4583	3.0	-3.0	10.2	12.57	2.07	33.87	7.09	.11
90/03/11	01:00	03/11	09:33	60-59.7S	128-29.4	4561	3.0	-3.0	10.1	12.57	2.07	33.87	7.10	.12
90/03/11	01:05	03/11	09:39	60-59.7S	128-31.3	4562	3.1	-3.0	10.3	12.57	2.07	33.87	7.10	.10
90/03/11	01:10	03/11	09:44	60-59.7S	128-33.2	4568	3.0	-3.0	10.2	12.57	2.23	33.86	7.13	.10
90/03/11	01:15	03/11	09:49	60-59.8S	128-35.2	4569	3.1	-3.0	10.2	12.57	2.23	33.86	7.13	.09
90/03/11	01:20	03/11	09:54	60-59.8S	128-37.5	4564	3.0	-3.0	10.3	12.57	2.23	33.86	7.12	.09
90/03/11	01:25	03/11	09:59	60-59.8S	128-40.0	4567	3.0	-3.0	10.3	12.57	2.16	33.82	7.11	.09
90/03/11	01:30	03/11	10:04	60-59.8S	128-41.9	4566	3.0	-3.0	10.2	12.57	2.16	33.82	7.12	.09
90/03/11	01:35	03/11	10:09	60-59.8S	128-43.9	4567	3.0	-3.0	10.1	12.57	2.16	33.82	7.13	.10
90/03/11	01:40	03/11	10:15	60-59.8S	128-45.8	4569	3.0	-3.0	10.2	12.59	2.16	33.82	7.15	.10
90/03/11	01:45	03/11	10:20	60-59.8S	128-47.8	4570	3.0	-3.0	10.2	12.57	2.16	33.82	7.13	.11
90/03/11	01:50	03/11	10:25	60-59.8S	128-49.7	4572	2.8	-3.0	9.9	12.57	2.16	33.82	7.14	.11
90/03/11	01:55	03/11	10:30	60-59.8S	128-52.0	4574	2.7	-3.0	10.0	12.57	2.16	33.82	7.15	.11
90/03/11	02:00	03/11	10:35	60-59.8S	128-53.6	4574	2.6	-3.0	10.0	12.57	2.07	33.87	7.13	.11
90/03/11	02:05	03/11	10:40	60-59.8S	128-55.9	4570	2.5	-3.0	10.1	12.57	2.16	33.82	7.15	.11
90/03/11	02:10	03/11	10:45	60-59.9S	128-57.8	4416	2.3	-3.0	10.0	12.59	2.16	33.82	7.15	.12
90/03/11	02:15	03/11	10:50	60-59.9S	128-59.8	4574	2.3	-3.0	9.8	12.57	2.16	33.82	7.15	.12
90/03/11	02:20	03/11	10:55	60-59.9S	129-01.6	4574	2.3	-3.0	10.1	12.57	2.07	33.87	7.15	.10
90/03/11	02:25	03/11	11:01	60-59.9S	129-03.5	4574	2.3	-3.0	9.7	12.57	1.99	33.83	7.14	.11
90/03/11	02:30	03/11	11:06	60-59.9S	129-05.4	4576	2.2	-3.0	9.9	12.57	1.99	33.83	7.19	.10
90/03/11	02:35	03/11	11:11	60-59.9S	129-07.3	4577	2.2	-3.0	9.8	12.59	1.99	33.83	7.16	.11
90/03/11	02:40	03/11	11:16	61-00.0S	129-09.2	4577	2.2	-3.0	10.6	12.59	1.99	33.83	7.16	.11

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/11	02:45	03/11	11:21	81-00.0S	129-11.3	4580	2.2	-3.0	10.7	12.59	1.99	33.83	7.14	.11
90/03/11	02:50	03/11	11:27	81-00.1S	129-15.5	4580	2.2	-3.0	11.1	12.57	1.91	33.87	7.16	.11
90/03/11	02:55	03/11	11:32	81-00.1S	129-17.6	4582	2.2	-3.0	10.7	12.59	1.91	33.87	7.13	.10
90/03/11	03:00	03/11	11:37	81-00.1S	129-19.7	4583	2.2	-3.0	10.3	12.57	1.91	33.87	7.16	.10
90/03/11	03:05	03/11	11:42	81-00.1S	129-21.7	4583	2.3	-3.0	9.3	12.59	1.91	33.87	7.16	.11
90/03/11	03:10	03/11	11:47	81-00.2S	129-23.5	4584	2.3	-3.0	9.3	12.59	1.83	33.83	7.18	.13
90/03/11	03:15	03/11	11:52	81-00.2S	129-25.7	4581	2.3	-3.0	6.9	12.57	1.75	33.88	7.16	.15
90/03/11	03:20	03/11	11:57	81-00.2S	129-27.1	4582	2.3	-3.0	6.1	12.59	1.75	33.88	7.33	.16
90/03/11	03:25	03/11	12:02	81-00.2S	129-28.4	4587	2.3	-3.0	6.0	12.60	1.83	33.83	7.80	.15
90/03/11	03:30	03/11	12:07	81-00.3S	129-29.8	4582	2.3	-3.0	6.1	12.60	1.75	33.88	7.41	.14
90/03/11	03:35	03/11	12:13	81-00.3S	129-31.2	4589	2.3	-3.0	8.1	12.60	1.75	33.88	7.34	.13
90/03/11	03:40	03/11	12:18	81-00.4S	129-32.5	4593	2.4	-3.0	6.4	12.60	1.83	33.83	7.57	.13
90/03/11	03:45	03/11	12:23	81-00.2S	129-33.4	4593	2.4	-3.0	1.1	12.60	1.83	33.83	7.40	.12
90/03/11	03:50	03/11	12:28	81-00.2S	129-33.5	0	2.7	-3.0	1.0	12.60	1.83	33.83	7.25	.12
90/03/11	03:55	03/11	12:33	81-00.2S	129-33.8	4593	2.9	-3.0	.6	12.60	1.83	33.83	7.18	.13
90/03/11	04:00	03/11	12:38	81-00.2S	129-33.9	4592	2.9	-3.0	.9	12.60	1.83	33.83	7.13	.12
90/03/11	04:05	03/11	12:43	81-00.3S	129-34.1	4592	2.9	-3.0	.9	12.60	1.83	33.83	7.12	.14
90/03/11	04:10	03/11	12:48	81-00.4S	129-34.2	4593	2.9	-3.0	.8	12.60	1.83	33.83	7.12	.14
90/03/11	04:15	03/11	12:53	81-00.4S	129-34.4	4594	2.9	-3.0	.8	12.60	1.83	33.83	7.11	.14
90/03/11	04:20	03/11	12:58	81-00.4S	129-34.5	4592	2.9	-3.0	1.0	12.60	1.83	33.83	7.10	.14
90/03/11	04:25	03/11	13:03	81-00.4S	129-34.3	4800	2.9	-3.0	5.3	12.60	1.83	33.83	7.10	.14
90/03/11	04:30	03/11	13:08	81-00.2S	129-35.2	4592	2.8	-3.0	7.6	12.60	1.83	33.83	7.13	.12
90/03/11	04:35	03/11	13:13	81-00.2S	129-37.0	4595	2.7	-3.0	8.6	12.62	1.83	33.83	7.18	.11
90/03/11	04:40	03/11	13:18	81-00.2S	129-38.7	4591	2.7	-3.0	8.3	12.60	1.83	33.83	7.19	.11
90/03/11	04:45	03/11	13:23	81-01.9S	129-39.2	4592	2.7	-3.0	8.6	12.60	1.91	33.87	7.23	.11
90/03/11	04:50	03/11	13:28	81-02.0S	129-41.0	4592	2.7	-3.0	8.4	12.60	1.91	33.87	7.22	.12
90/03/11	04:55	03/11	13:33	81-02.0S	129-42.7	4590	2.7	-3.0	8.4	12.60	1.99	33.83	7.22	.12
90/03/11	05:00	03/11	13:38	81-02.0S	129-44.4	4590	2.8	-3.0	9.0	12.60	2.15	33.82	7.20	.14
90/03/11	05:05	03/11	13:44	81-02.0S	129-46.1	4591	2.9	-3.0	8.7	12.60	2.31	33.90	7.29	.13
90/03/11	05:10	03/11	13:49	81-02.0S	129-47.8	4590	3.0	-3.0	8.5	12.62	2.31	33.90	7.23	.11
90/03/11	05:15	03/11	13:54	81-02.0S	129-49.5	4590	3.0	-3.0	7.9	12.62	2.31	33.82	7.17	.10
90/03/11	05:20	03/11	13:59	81-01.9S	129-51.2	4593	3.1	-3.0	8.6	12.62	2.23	33.86	7.20	.10
90/03/11	05:25	03/11	14:04	81-01.9S	129-52.9	4592	3.2	-3.0	8.4	12.62	2.23	33.86	7.24	.10
90/03/11	05:30	03/11	14:09	81-01.9S	129-54.6	4592	3.2	-3.0	8.0	12.62	2.23	33.86	7.15	.11
90/03/11	05:35	03/11	14:14	81-01.8S	129-56.3	4593	3.2	-3.0	8.6	12.62	2.31	33.82	7.20	.11
90/03/11	05:40	03/11	14:20	81-01.2S	130-00.2	4595	3.3	-3.0	8.2	12.62	2.31	33.82	7.17	.12
90/03/11	05:45	03/11	14:25	81-01.2S	130-01.9	4597	3.3	-3.0	8.9	12.62	2.23	33.86	7.26	.10
90/03/11	05:50	03/11	14:30	81-01.1S	130-03.7	4599	3.4	-3.0	8.5	12.62	2.23	33.86	7.20	.12
90/03/11	05:55	03/11	14:35	81-01.1S	130-05.5	4601	3.4	-3.0	8.7	12.60	2.31	33.82	7.18	.12
90/03/11	06:00	03/11	14:40	81-01.0S	130-07.3	4603	3.5	-3.0	8.3	12.60	2.39	33.86	7.16	.13
90/03/11	06:05	03/11	14:45	81-01.0S	130-09.1	4606	3.5	-3.0	8.3	12.59	2.39	33.86	7.19	.13
90/03/11	06:10	03/11	14:50	81-00.9S	130-10.9	4605	3.5	-3.0	8.8	12.60	2.47	33.81	7.21	.14
90/03/11	06:15	03/11	14:55	81-00.8S	130-12.7	4606	3.5	-3.0	9.0	12.60	2.47	33.89	7.18	.13
90/03/11	06:20	03/11	15:00	81-00.8S	130-14.5	4615	3.5	-3.0	8.8	12.60	2.47	33.89	7.16	.13
90/03/11	06:25	03/11	15:06	81-01.0S	130-17.6	4615	3.5	-3.0	8.9	12.60	2.47	33.89	7.16	.13
90/03/11	06:30	03/11	15:11	81-01.0S	130-19.5	4618	3.6	-3.0	8.7	12.60	2.55	33.84	7.14	.10
90/03/11	06:35	03/11	15:16	81-01.0S	130-21.3	4617	3.7	-3.0	7.2	12.60	2.63	33.80	7.21	.09
90/03/11	06:40	03/11	15:21	81-00.9S	130-23.0	4618	3.7	-3.0	7.3	12.60	2.71	33.84	7.28	.08
90/03/11	06:45	03/11	15:26	81-00.8S	130-24.6	4617	3.7	-3.0	7.6	12.59	2.79	33.79	7.31	.08
90/03/11	06:50	03/11	15:31	81-00.8S	130-26.3	4616	3.8	-3.0	7.5	12.59	2.63	33.88	7.21	.09
90/03/11	06:55	03/11	15:36	81-00.8S	130-28.0	4618	3.9	-3.0	7.6	12.60	2.87	33.83	7.24	.09

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/11	07:00	03/11	15:41	61-00.8S	130-29.6	4621	3.9	-3.0	7.7	12.60	3.11	33.78	7.28	.09
90/03/11	07:05	03/11	15:47	61-00.7S	130-31.3	4621	4.0	-3.0	7.3	12.60	3.11	33.86	7.22	.09
90/03/11	07:10	03/11	15:52	61-00.7S	130-33.0	4622	4.0	-3.0	7.4	12.60	3.19	33.82	7.23	.09
90/03/11	07:15	03/11	15:57	61-00.7S	130-34.6	4621	4.0	-3.0	7.8	12.60	3.19	33.82	7.20	.09
90/03/11	07:20	03/11	16:02	61-00.6S	130-36.3	4620	4.0	-3.0	7.7	12.60	3.11	33.86	7.28	.09
90/03/11	07:25	03/11	16:07	61-00.5S	130-38.0	4616	4.0	-3.0	7.6	12.60	3.11	33.78	7.18	.09
90/03/11	07:30	03/11	16:12	61-00.5S	130-39.7	4620	4.0	-3.0	7.7	12.60	3.03	33.82	7.18	.09
90/03/11	07:35	03/11	16:17	61-00.1S	130-42.3	4620	4.0	-3.0	7.6	12.60	2.95	33.78	7.14	.09
90/03/11	07:40	03/11	16:22	61-00.1S	130-44.0	4618	4.0	-3.0	8.1	12.60	3.03	33.82	7.28	.09
90/03/11	07:45	03/11	16:28	61-00.0S	130-45.8	4624	4.0	-3.0	7.4	12.59	3.11	33.78	7.39	.09
90/03/11	07:50	03/11	16:33	60-59.9S	130-47.5	4616	4.0	-3.0	7.7	12.59	3.11	33.78	7.18	.09
90/03/11	07:55	03/11	16:38	60-59.9S	130-49.3	4616	4.0	-3.0	7.2	12.59	3.11	33.86	7.16	.10
90/03/11	08:00	03/11	16:43	60-59.9S	130-51.7	4615	4.1	-3.0	8.6	12.60	3.11	33.86	7.20	.10
90/03/11	08:05	03/11	16:48	61-00.1S	130-53.6	4619	4.1	-3.0	8.7	12.60	3.11	33.86	7.18	.09
90/03/11	08:10	03/11	16:53	61-00.3S	130-55.4	4618	4.1	-3.0	7.9	12.60	3.03	33.82	7.12	.10
90/03/11	08:15	03/11	16:58	61-00.5S	130-57.2	4618	4.1	-3.0	8.2	12.59	3.03	33.82	7.21	.10
90/03/11	08:20	03/11	17:03	61-00.7S	130-59.1	4619	4.2	-3.0	8.5	12.60	3.11	33.78	7.20	.10
90/03/11	08:25	03/11	17:09	61-01.1S	131-00.8	4619	4.3	-3.0	8.5	12.60	3.11	33.78	7.12	.10
90/03/11	08:30	03/11	17:14	61-01.4S	131-02.8	4624	4.4	-3.0	8.2	12.60	3.11	33.78	7.16	.10
90/03/11	08:35	03/11	17:19	61-01.7S	131-04.4	4621	4.4	-3.0	8.4	12.60	3.03	33.82	7.14	.10
90/03/11	08:40	03/11	17:24	61-02.0S	131-06.2	4617	4.4	-3.0	8.9	12.62	3.03	33.82	7.20	.10
90/03/11	08:45	03/11	17:29	61-02.4S	131-08.0	4617	4.5	-3.0	8.2	12.62	3.03	33.82	7.13	.10
90/03/11	08:50	03/11	17:34	61-02.8S	131-09.8	4617	4.0	-3.0	8.2	12.62	3.03	33.82	7.28	.10
90/03/11	08:55	03/11	17:39	61-03.1S	131-09.4	4616	4.0	-3.0	8.6	12.60	3.03	33.82	7.10	.10
90/03/11	09:00	03/11	17:44	61-03.4S	131-11.1	4615	4.0	-3.0	9.2	12.60	2.87	33.83	7.03	.10
90/03/11	09:05	03/11	17:49	61-03.6S	131-12.8	4615	3.9	-3.0	7.6	12.60	2.87	33.83	7.00	.11
90/03/11	09:10	03/11	17:54	61-03.6S	131-14.5	4614	3.9	-3.0	7.8	12.59	2.87	33.83	7.18	.10
90/03/11	09:15	03/11	18:00	61-03.4S	131-16.1	4617	3.8	-3.0	8.1	12.60	2.95	33.78	7.13	.10
90/03/11	09:20	03/11	18:05	61-03.4S	131-17.8	4619	3.8	-3.0	7.4	12.60	2.95	33.78	7.11	.10
90/03/11	09:25	03/11	18:10	61-02.9S	131-19.6	4618	3.8	-3.0	7.8	12.60	2.95	33.78	7.13	.10
90/03/11	09:30	03/11	18:15	61-02.8S	131-21.2	4619	3.8	-3.0	8.0	12.60	2.87	33.83	7.19	.11
90/03/11	09:35	03/11	18:20	61-02.7S	131-23.0	4617	3.8	-3.0	8.3	12.60	2.87	33.83	7.08	.10
90/03/11	09:40	03/11	18:25	61-02.6S	131-24.7	4614	3.7	-3.0	7.9	12.60	2.87	33.83	7.05	.10
90/03/11	09:45	03/11	18:30	61-02.5S	131-26.4	4620	3.7	-3.0	8.1	12.60	2.79	33.88	7.12	.10
90/03/11	09:50	03/11	18:35	61-02.5S	131-28.1	4620	3.7	-3.0	8.0	12.59	2.79	33.79	7.12	.10
90/03/11	09:55	03/11	18:40	61-02.3S	131-29.9	4623	3.7	-3.0	8.4	12.60	2.79	33.79	7.09	.11
90/03/11	10:00	03/11	18:46	61-02.3S	131-31.6	4620	3.7	-3.0	8.1	12.60	2.79	33.79	7.10	.11
90/03/11	10:05	03/11	18:51	61-02.2S	131-33.4	4624	3.7	-3.0	8.0	12.60	2.79	33.79	7.11	.11
90/03/11	10:10	03/11	18:56	61-02.1S	131-35.1	4620	3.7	-3.0	8.1	12.59	2.79	33.79	7.08	.12
90/03/11	10:15	03/11	19:01	61-02.0S	131-36.8	4620	3.7	-3.0	7.9	12.59	2.79	33.88	7.07	.11
90/03/11	10:20	03/11	19:06	61-01.9S	131-38.5	4622	3.7	-3.0	7.7	12.59	2.87	33.83	7.13	.11
90/03/11	10:25	03/11	19:11	61-01.9S	131-40.2	4625	3.7	-3.0	7.7	12.59	2.87	33.83	7.07	.10
90/03/11	10:30	03/11	19:16	61-01.8S	131-41.9	4625	3.7	-3.0	8.1	12.57	2.87	33.83	7.16	.11
90/03/11	10:35	03/11	19:21	61-01.7S	131-43.6	4628	3.7	-3.0	8.2	12.57	2.79	33.88	7.15	.11
90/03/11	10:40	03/11	19:27	61-01.6S	131-45.3	4627	3.7	-3.0	8.0	12.59	2.71	33.84	7.07	.13
90/03/11	10:45	03/11	19:31	61-00.6S	131-44.8	4623	3.7	-3.0	8.0	12.57	2.63	33.80	7.05	.13
90/03/11	10:50	03/11	19:37	61-00.5S	131-46.4	4624	3.7	-3.0	7.7	12.57	2.63	33.88	7.07	.13
90/03/11	10:55	03/11	19:42	61-00.4S	131-48.1	4623	3.7	-3.0	8.2	12.57	2.63	33.88	7.09	.12
90/03/11	11:00	03/11	19:47	61-00.3S	131-49.8	4624	3.7	-3.0	8.3	12.57	2.71	33.84	7.04	.12
90/03/11	11:05	03/11	19:52	61-00.2S	131-51.4	4628	3.7	-3.0	8.1	12.57	2.71	33.84	7.09	.12
90/03/11	11:10	03/11	19:57	60-59.9S	131-53.7	4619	3.7	-3.0	7.7	12.59	2.63	33.88	7.10	.13

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/11	11:16	03/11	20:02	60-59.9S	131-56.3	4614	3.7	-3.0	8.2	12.59	2.63	33.88	7.13	.13
90/03/11	11:20	03/11	20:07	60-59.9S	131-57.1	4618	3.7	-3.0	8.6	12.59	2.63	33.88	7.12	.13
90/03/11	11:26	03/11	20:12	60-59.9S	131-58.9	4614	3.7	-3.0	8.5	12.59	2.71	33.84	7.18	.13
90/03/11	11:30	03/11	20:18	60-59.8S	132-00.7	4616	3.7	-3.0	8.9	12.59	2.71	33.84	7.16	.12
90/03/11	11:36	03/11	20:23	60-59.8S	132-02.5	4617	3.7	-3.0	8.6	12.59	2.83	33.88	7.02	.12
90/03/11	11:40	03/11	20:28	60-59.8S	132-03.8	4615	3.7	-3.0	8.4	12.59	2.63	33.88	7.06	.12
90/03/11	11:46	03/11	20:33	60-59.9S	132-06.5	4614	3.7	-3.0	8.1	12.59	2.55	33.84	7.03	.12
90/03/11	11:50	03/11	20:38	60-59.8S	132-07.3	4618	3.7	-3.0	8.3	12.59	2.47	33.81	7.03	.12
90/03/11	11:56	03/11	20:43	60-59.8S	132-09.0	4614	3.7	-3.0	8.5	12.57	2.39	33.86	7.03	.11
90/03/11	12:00	03/11	20:48	60-59.8S	132-10.7	4612	3.6	-3.0	8.8	12.59	2.39	33.86	7.09	.11
90/03/11	12:06	03/11	20:53	60-59.8S	132-12.5	4609	3.8	-3.0	8.6	12.59	2.55	33.84	7.03	.11
90/03/11	12:10	03/11	20:58	60-59.8S	132-14.2	4610	3.7	-3.0	8.4	12.57	2.79	33.88	7.19	.10
90/03/11	12:16	03/11	21:04	60-59.8S	132-16.0	4613	3.7	-3.0	8.1	12.57	2.79	33.88	7.15	.10
90/03/11	12:20	03/11	21:09	60-59.8S	132-17.7	4609	3.7	-3.0	8.3	12.59	2.79	33.88	7.07	.10
90/03/11	12:26	03/11	21:14	60-59.8S	132-18.4	4611	3.7	-3.0	8.3	12.59	2.79	33.88	7.04	.10
90/03/11	12:30	03/11	21:19	60-59.8S	132-21.2	4613	3.7	-3.0	7.5	12.59	2.71	33.84	7.02	.11
90/03/11	12:36	03/11	21:24	60-59.8S	132-22.3	4610	3.7	-3.0	8.0	12.59	2.83	33.88	7.12	.11
90/03/11	12:40	03/11	21:29	60-59.8S	132-23.9	4610	3.7	-3.0	8.0	12.57	2.83	33.88	7.05	.11
90/03/11	12:46	03/11	21:34	60-59.8S	132-25.7	4608	3.7	-3.0	8.2	12.59	2.55	33.84	7.44	.11
90/03/11	12:50	03/11	21:39	60-59.8S	132-27.4	4609	3.7	-3.0	8.3	12.57	2.55	33.84	7.03	.11
90/03/11	12:56	03/11	21:44	60-59.8S	132-29.0	4606	3.7	-3.0	8.2	12.59	2.47	33.89	7.08	.11
90/03/11	13:00	03/11	21:50	60-59.6S	132-30.7	4602	3.7	-3.0	8.3	12.59	2.39	33.88	7.12	.11
90/03/11	13:06	03/11	21:56	60-59.6S	132-32.4	4599	3.7	-3.0	8.7	12.59	2.31	33.82	7.05	.11
90/03/11	13:10	03/11	22:00	60-59.6S	132-34.1	4596	3.7	-3.0	8.3	12.57	2.31	33.82	7.00	.11
90/03/11	13:16	03/11	22:06	60-59.6S	132-35.8	4592	3.7	-3.0	8.7	12.59	2.31	33.82	7.02	.12
90/03/11	13:20	03/11	22:10	60-59.6S	132-37.5	4591	3.7	-3.0	8.3	12.59	2.39	33.88	7.02	.12
90/03/11	13:26	03/11	22:16	60-59.6S	132-39.2	4595	3.7	-3.0	8.1	12.59	2.39	33.86	7.00	.12
90/03/11	13:30	03/11	22:20	60-59.6S	132-40.9	4590	3.7	-3.0	8.4	12.57	2.39	33.86	7.05	.12
90/03/11	13:36	03/11	22:26	60-59.6S	132-42.7	4593	3.7	-3.0	8.3	12.59	2.39	33.86	7.02	.12
90/03/11	13:40	03/11	22:30	60-59.6S	132-44.4	4581	3.7	-3.0	8.2	12.59	2.39	33.86	7.00	.12
90/03/11	13:46	03/11	22:36	60-59.6S	132-46.1	4581	3.7	-3.0	8.5	12.59	2.39	33.86	7.02	.12
90/03/11	13:50	03/11	22:41	60-59.4S	132-47.8	4585	3.7	-3.0	8.0	12.57	2.47	33.81	7.03	.12
90/03/11	13:56	03/11	22:46	60-59.6S	132-49.5	4588	3.7	-3.0	8.6	12.57	2.47	33.81	7.09	.12
90/03/11	14:00	03/11	22:51	60-59.4S	132-51.2	4585	3.6	-3.0	8.5	12.57	2.47	33.81	7.13	.12
90/03/11	14:06	03/11	22:56	60-59.4S	132-52.9	4583	3.6	-3.0	8.5	12.59	2.47	33.81	7.03	.12
90/03/11	14:10	03/11	23:01	60-59.4S	132-54.6	4584	3.6	-3.0	7.8	12.57	2.39	33.86	7.05	.12
90/03/11	14:16	03/11	23:06	60-59.4S	132-56.1	4583	3.6	-3.0	7.1	12.57	2.39	33.88	7.07	.12
90/03/11	14:20	03/11	23:11	60-59.3S	132-56.6	4583	3.8	-3.0	7.5	12.59	2.39	33.86	7.07	.12
90/03/11	14:26	03/11	23:16	60-59.2S	132-58.1	4585	3.6	-3.0	7.3	12.59	2.39	33.86	7.03	.12
90/03/11	14:30	03/11	23:21	60-59.2S	132-59.6	4585	3.6	-3.0	7.4	12.59	2.39	33.77	7.07	.12
90/03/11	14:36	03/11	23:27	60-59.2S	133-01.1	4584	3.6	-3.0	7.4	12.59	2.39	33.77	7.07	.11
90/03/11	14:40	03/11	23:32	60-59.2S	133-02.6	4583	3.6	-3.0	7.5	12.59	2.39	33.77	7.07	.12
90/03/11	14:46	03/11	23:37	60-59.2S	133-04.1	4584	3.6	-3.0	7.2	12.59	2.39	33.77	7.10	.12
90/03/11	14:50	03/11	23:42	60-59.2S	133-06.6	4584	3.6	-3.0	6.8	12.59	2.39	33.77	7.09	.12
90/03/11	14:56	03/11	23:47	60-59.6S	133-07.8	4578	3.6	-3.0	7.2	12.59	2.47	33.81	7.16	.13
90/03/11	15:00	03/11	23:52	60-59.6S	133-09.3	4578	3.6	-3.0	7.2	12.59	2.47	33.81	7.06	.12
90/03/11	15:06	03/11	23:57	60-59.6S	133-10.8	4580	3.7	-3.0	7.3	12.60	2.39	33.86	7.12	.12
90/03/11	15:10	03/12	00:02	60-59.6S	133-12.3	4584	3.7	-3.0	7.3	12.59	2.39	33.77	7.10	.12
90/03/11	15:16	03/12	00:07	60-59.6S	133-13.9	4580	3.7	-3.0	7.5	12.60	2.39	33.77	7.07	.12
90/03/11	15:20	03/12	00:13	60-59.6S	133-15.4	4581	3.7	-3.0	7.4	12.60	2.31	33.82	7.07	.12
90/03/11	15:26	03/12	00:18	60-59.6S	133-16.9	4581	3.7	-3.0	7.1	12.60	2.31	33.82	7.03	.12

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/11	15:30	03/12	00:23	60-59.5S	133-18.4	4581	3.7	-3.0	7.4	12.59	2.31	33.82	7.13	.12
90/03/11	15:35	03/12	00:28	60-59.6S	133-19.9	4582	3.7	-3.0	7.6	12.59	2.55	33.76	7.08	.12
90/03/11	15:40	03/12	00:33	60-59.4S	133-21.5	4581	3.7	-3.0	7.1	12.60	2.71	33.76	7.18	.12
90/03/11	15:45	03/12	00:38	60-59.4S	133-23.0	4582	3.7	-3.0	7.6	12.59	2.79	33.71	7.13	.12
90/03/11	15:50	03/12	00:43	60-59.5S	133-24.5	4578	3.7	-3.0	7.3	12.59	2.79	33.79	7.10	.12
90/03/11	15:55	03/12	00:48	60-59.4S	133-26.0	4576	3.7	-3.0	7.4	12.59	2.79	33.71	7.08	.12
90/03/11	16:00	03/12	00:53	60-59.4S	133-27.6	4576	3.7	-3.0	7.7	12.59	2.71	33.76	7.03	.12
90/03/11	16:05	03/12	00:58	60-59.4S	133-29.2	4576	3.8	-3.0	7.3	12.59	2.63	33.80	7.01	.12
90/03/11	16:10	03/12	01:04	60-59.4S	133-30.4	4376	3.8	-3.0	7.4	12.60	2.55	33.76	7.02	.11
90/03/11	16:15	03/12	01:09	60-59.4S	133-32.2	4578	3.8	-3.0	7.9	12.59	2.55	33.76	7.08	.11
90/03/11	16:20	03/12	01:14	61-00.4S	133-33.6	4576	3.8	-3.0	7.7	12.59	2.63	33.72	7.02	.11
90/03/11	16:25	03/12	01:19	61-00.4S	133-35.2	4577	3.9	-3.0	7.6	12.60	3.03	33.74	7.09	.11
90/03/11	16:30	03/12	01:24	61-00.4S	133-36.7	4576	3.9	-3.0	7.6	12.59	3.19	33.73	7.08	.11
90/03/11	16:35	03/12	01:29	61-00.5S	133-38.3	4574	3.9	-3.0	7.3	12.59	3.19	33.73	7.05	.10
90/03/11	16:40	03/12	01:34	61-00.5S	133-39.8	4574	3.9	-3.0	7.6	12.59	3.19	33.73	7.07	.11
90/03/11	16:45	03/12	01:39	61-00.5S	133-41.4	4569	3.9	-3.0	8.1	12.59	3.35	33.65	7.08	.12
90/03/11	16:50	03/12	01:44	61-00.6S	133-43.0	4568	3.9	-3.0	7.6	12.59	3.43	33.68	7.02	.13
90/03/11	16:55	03/12	01:49	61-00.6S	133-44.5	4566	4.0	-3.0	7.3	12.59	3.51	33.72	7.03	.12
90/03/11	17:00	03/12	01:55	61-00.7S	133-46.0	4565	4.0	-3.0	7.4	12.59	3.43	33.68	7.02	.12
90/03/11	17:05	03/12	02:00	61-00.7S	133-47.5	4564	4.0	-3.0	7.6	12.59	3.43	33.68	7.08	.12
90/03/11	17:10	03/12	02:05	61-00.8S	133-49.1	4564	4.0	-3.0	7.3	12.60	3.35	33.73	7.00	.12
90/03/11	17:15	03/12	02:10	61-00.8S	133-50.6	4562	4.0	-3.0	7.4	12.59	3.35	33.65	7.05	.11
90/03/11	17:20	03/12	02:15	61-00.8S	133-52.1	4559	4.1	-3.0	7.0	12.57	3.43	33.68	7.08	.12
90/03/11	17:25	03/12	02:20	61-00.8S	133-53.6	4566	4.1	-3.0	7.6	12.59	3.43	33.68	7.08	.12
90/03/11	17:30	03/12	02:25	61-00.8S	133-54.8	4564	4.1	-3.0	7.2	12.59	3.43	33.68	7.02	.12
90/03/11	17:35	03/12	02:30	61-00.7S	133-56.6	4566	4.1	-3.0	7.2	12.59	3.43	33.68	7.00	.12
90/03/11	17:40	03/12	02:35	61-00.7S	133-58.1	4565	4.1	-3.0	7.3	12.59	3.51	33.63	7.14	.13
90/03/11	17:45	03/12	02:40	61-00.6S	133-59.6	4566	4.1	-3.0	7.7	12.57	3.59	33.59	7.10	.13
90/03/11	17:50	03/12	02:45	61-00.8S	134-01.1	4566	4.2	-3.0	7.6	12.57	3.51	33.63	7.00	.12
90/03/11	17:55	03/12	02:51	61-00.6S	134-02.7	4571	4.2	-3.0	7.0	12.57	3.59	33.67	7.00	.12
90/03/11	18:00	03/12	02:56	61-00.5S	134-04.2	4567	4.2	-3.0	7.6	12.57	3.59	33.87	7.07	.13
90/03/11	18:05	03/12	03:01	61-00.6S	134-05.7	4563	4.2	-3.0	7.4	12.57	3.59	33.87	7.07	.13
90/03/11	18:10	03/12	03:06	61-00.4S	134-06.9	4562	4.1	-3.0	7.4	12.57	3.59	33.67	7.07	.13
90/03/11	18:15	03/12	03:11	61-00.4S	134-08.7	4561	4.1	-3.0	7.4	12.59	3.59	33.67	7.12	.13
90/03/11	18:20	03/12	03:16	61-00.4S	134-10.2	4567	4.1	-3.0	7.3	12.57	3.51	33.63	7.00	.13
90/03/11	18:25	03/12	03:21	61-00.3S	134-11.8	4558	4.1	-3.0	7.4	12.59	3.59	33.59	7.12	.13
90/03/11	18:30	03/12	03:26	61-00.3S	134-13.3	4567	4.1	-3.0	7.4	12.59	3.59	33.59	7.03	.13
90/03/11	18:35	03/12	03:31	61-00.2S	134-14.5	4566	4.1	-3.0	7.2	12.57	3.59	33.67	7.03	.12
90/03/11	18:40	03/12	03:37	61-00.4S	134-17.2	4554	4.1	-3.0	7.2	12.59	3.59	33.67	7.12	.12
90/03/11	18:45	03/12	03:42	61-00.4S	134-18.4	4563	4.1	-3.0	7.4	12.59	3.59	33.67	7.13	.12
90/03/11	18:50	03/12	03:47	61-00.4S	134-20.0	4562	4.1	-3.0	7.9	12.57	3.51	33.63	7.03	.13
90/03/11	18:55	03/12	03:52	61-00.4S	134-21.5	4563	4.1	-3.0	7.6	12.57	3.51	33.63	6.97	.13
90/03/11	19:00	03/12	03:57	61-00.4S	134-23.1	4563	4.1	-3.0	7.6	12.57	3.51	33.63	7.00	.13
90/03/11	19:05	03/12	04:02	61-00.4S	134-24.7	4563	4.1	-3.0	7.2	12.59	3.51	33.63	6.98	.13
90/03/11	19:10	03/12	04:07	61-00.3S	134-26.2	4562	4.1	-3.0	7.3	12.57	3.51	33.63	7.03	.13
90/03/11	19:15	03/12	04:12	61-00.3S	134-27.7	4562	4.1	-3.0	6.9	12.57	3.59	33.67	7.04	.13
90/03/11	19:20	03/12	04:17	61-00.2S	134-29.6	4560	4.1	-3.0	6.9	12.57	3.59	33.67	7.00	.13
90/03/11	19:25	03/12	04:23	61-00.2S	134-31.1	4561	4.1	-3.0	7.2	12.57	3.59	33.67	7.04	.13
90/03/11	19:30	03/12	04:28	61-00.2S	134-32.6	4548	4.1	-3.0	7.4	12.57	3.59	33.67	7.07	.13
90/03/11	19:35	03/12	04:33	61-00.2S	134-33.8	4548	4.1	-3.0	7.4	12.57	3.51	33.63	7.03	.12
90/03/11	19:40	03/12	04:38	61-00.1S	134-35.6	4546	4.1	-3.0	7.2	12.57	3.51	33.63	7.00	.13

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/11	19:45	03/12	04:43	61-00.1S	134-37.1	4544	4.1	-3.0	7.2	12.57	3.51	33.63	7.03	.13
90/03/11	19:50	03/12	04:48	61-00.1S	134-38.6	4546	4.1	-3.0	7.3	12.57	3.59	33.59	7.01	.13
90/03/11	19:55	03/12	04:53	61-00.1S	134-40.2	4540	4.1	-3.0	7.2	12.57	3.59	33.67	7.00	.13
90/03/11	20:00	03/12	04:58	61-00.1S	134-41.4	4541	4.1	-3.0	7.4	12.57	3.67	33.63	7.00	.12
90/03/11	20:05	03/12	05:03	61-00.1S	134-43.0	4538	4.1	-3.0	7.4	12.57	3.67	33.63	6.96	.12
90/03/11	20:10	03/12	05:08	61-00.2S	134-44.6	4537	4.1	-3.0	7.3	12.57	3.67	33.63	7.03	.12
90/03/11	20:15	03/12	05:14	61-00.2S	134-46.3	4535	4.1	-3.0	6.1	12.57	3.59	33.67	6.96	.12
90/03/11	20:20	03/12	05:19	61-00.1S	134-47.6	4531	4.1	-3.0	7.0	12.57	3.51	33.63	7.03	.12
90/03/11	20:25	03/12	05:24	60-59.8S	134-48.6	4528	4.1	-3.0	6.9	12.57	3.43	33.68	7.06	.11
90/03/11	20:30	03/12	05:29	60-59.1S	134-50.1	4535	4.1	-3.0	6.7	12.59	3.51	33.63	7.02	.12
90/03/11	20:35	03/12	05:34	60-58.9S	134-51.2	4539	4.1	-3.0	6.6	12.57	3.51	33.63	7.19	.12
90/03/11	20:40	03/12	05:39	60-58.6S	134-52.6	4538	4.1	-3.0	7.7	12.57	3.59	33.59	7.20	.12
90/03/11	20:45	03/12	05:44	60-58.6S	134-54.1	4526	4.0	-3.0	6.7	12.57	3.51	33.63	7.09	.12
90/03/11	20:50	03/12	05:49	60-58.3S	134-55.7	4521	4.0	-3.0	6.2	12.57	3.35	33.65	7.00	.11
90/03/11	20:55	03/12	05:54	60-58.0S	134-57.7	4520	4.0	-3.0	6.4	12.57	3.27	33.69	7.01	.11
90/03/11	21:00	03/12	05:59	60-57.8S	134-56.9	4533	4.0	-3.0	7.9	12.57	3.27	33.69	6.96	.11
90/03/11	21:05	03/12	06:05	60-57.8S	135-00.6	4533	4.0	-3.0	6.4	12.57	3.27	33.69	7.00	.11
90/03/11	21:10	03/12	06:10	60-57.4S	135-02.5	4533	4.0	-3.0	6.4	12.57	3.19	33.65	6.99	.10
90/03/11	21:15	03/12	06:15	60-57.1S	135-04.1	4538	4.0	-3.0	6.3	12.59	3.11	33.70	6.97	.10
90/03/11	21:20	03/12	06:20	60-56.9S	135-05.7	4536	4.0	-3.0	6.1	12.57	3.19	33.65	6.96	.11
90/03/11	21:25	03/12	06:25	60-56.2S	135-08.2	4539	4.1	-3.0	6.4	12.57	3.27	33.69	7.06	.11
90/03/11	21:30	03/12	06:30	60-55.9S	135-09.6	4538	4.1	-3.0	6.4	12.59	3.27	33.69	7.02	.11
90/03/11	21:35	03/12	06:35	60-55.7S	135-11.5	4537	4.1	-3.0	7.6	12.59	3.19	33.65	7.02	.10
90/03/11	21:40	03/12	06:40	60-55.4S	135-13.1	4538	4.1	-3.0	6.4	12.59	3.11	33.70	7.06	.10
90/03/11	21:45	03/12	06:45	60-55.2S	135-14.7	4533	4.1	-3.0	6.4	12.57	3.11	33.70	7.02	.10
90/03/11	21:50	03/12	06:51	60-54.7S	135-16.6	4526	4.1	-3.0	6.5	12.57	3.11	33.70	7.03	.10
90/03/11	21:55	03/12	06:56	60-54.5S	135-17.2	4526	4.1	-3.0	6.1	12.59	3.19	33.65	7.05	.11
90/03/11	22:00	03/12	07:01	60-54.2S	135-18.6	4527	4.1	-3.0	6.5	12.57	3.27	33.69	7.03	.11
90/03/11	22:05	03/12	07:06	60-54.0S	135-20.5	4526	4.1	-3.0	6.4	12.59	3.27	33.61	7.03	.11
90/03/11	22:10	03/12	07:11	60-53.7S	135-22.1	4526	4.1	-3.0	6.3	12.57	3.27	33.69	7.03	.11
90/03/11	22:15	03/12	07:16	60-53.5S	135-23.6	4526	4.1	-3.0	6.6	12.57	3.35	33.65	7.02	.11
90/03/11	22:20	03/12	07:21	60-53.8S	135-25.7	4526	4.3	-3.0	6.9	12.59	3.27	33.69	6.96	.10
90/03/11	22:25	03/12	07:26	60-53.9S	135-27.4	4520	4.5	-3.0	9.5	12.59	3.27	33.69	6.97	.10
90/03/11	22:30	03/12	07:31	60-54.2S	135-28.7	4518	4.7	-3.0	9.5	12.59	3.19	33.65	6.96	.10
90/03/11	22:35	03/12	07:37	60-54.8S	135-30.4	4515	4.7	-3.0	9.1	12.59	3.19	33.65	6.96	.10
90/03/11	22:40	03/12	07:42	60-55.0S	135-32.0	4513	4.8	-3.0	9.4	12.57	3.27	33.69	6.96	.10
90/03/11	22:45	03/12	07:47	60-55.4S	135-33.7	4511	4.9	-3.0	9.2	12.59	3.27	33.69	6.96	.10
90/03/11	22:50	03/12	07:52	60-55.7S	135-35.3	4512	5.0	-3.0	9.5	12.57	3.27	33.61	6.97	.10
90/03/11	22:55	03/12	07:57	60-56.2S	135-37.0	4509	4.8	-3.0	9.6	12.57	3.19	33.65	6.97	.10
90/03/11	23:00	03/12	08:02	60-56.8S	135-39.0	4509	4.8	-3.0	9.1	12.57	3.27	33.61	6.96	.10
90/03/11	23:05	03/12	08:07	60-56.9S	135-40.3	4508	5.0	-3.0	9.3	12.57	3.27	33.69	6.96	.10
90/03/11	23:10	03/12	08:12	60-57.3S	135-42.0	4506	5.0	-3.0	8.8	12.57	3.27	33.61	6.97	.09
90/03/11	23:15	03/12	08:17	60-57.7S	135-43.6	4507	4.9	-3.0	9.0	12.57	3.27	33.69	6.96	.09
90/03/11	23:20	03/12	08:23	60-58.0S	135-45.2	4506	4.9	-3.0	9.4	12.57	3.19	33.65	6.95	.10
90/03/11	23:25	03/12	08:28	60-58.4S	135-46.9	4506	4.9	-3.0	8.6	12.57	3.03	33.66	6.95	.10
90/03/11	23:30	03/12	08:33	60-58.8S	135-48.6	4505	4.9	-3.0	9.2	12.57	2.95	33.70	6.95	.10
90/03/11	23:35	03/12	08:38	60-58.9S	135-50.3	4505	4.4	-3.0	8.8	12.57	3.03	33.66	6.97	.10
90/03/11	23:40	03/12	08:43	60-59.0S	135-50.5	4502	4.3	-3.0	8.6	12.57	3.03	33.66	6.97	.09
90/03/11	23:45	03/12	08:48	60-59.0S	135-52.2	4501	4.2	-3.0	8.8	12.57	2.95	33.70	6.99	.09
90/03/11	23:50	03/12	08:53	60-59.0S	135-53.9	4501	4.1	-3.0	9.1	12.57	2.95	33.70	6.97	.10
90/03/11	23:55	03/12	08:58	60-59.0S	135-55.6	4503	4.1	-3.0	8.8	12.57	2.95	33.62	6.97	.09

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/12	00:00	03/12	09:03	60-59.0S	135-57.4	4499	4.1	-3.0	8.9	12.57	3.03	33.68	6.98	.09
90/03/12	00:05	03/12	09:08	60-59.0S	135-59.2	4498	4.1	-3.0	8.7	12.57	3.03	33.88	6.99	.08
90/03/12	00:10	03/12	09:14	60-59.0S	136-01.0	4500	4.1	-3.0	8.9	12.57	3.03	33.88	6.98	.08
90/03/12	00:15	03/12	09:19	60-58.7S	136-02.7	4496	4.1	-3.0	9.2	12.57	3.03	33.86	8.98	.09
90/03/12	00:20	03/12	09:24	60-58.7S	136-04.4	4498	4.0	-3.0	9.0	12.57	2.95	33.70	8.97	.09
90/03/12	00:25	03/12	09:29	60-58.7S	136-06.2	4497	4.0	-3.0	8.7	12.57	2.87	33.88	6.98	.09
90/03/12	00:30	03/12	09:34	60-58.7S	136-07.9	4497	4.0	-3.0	8.7	12.57	2.79	33.71	6.98	.10
90/03/12	00:35	03/12	09:39	60-58.7S	136-09.7	4496	4.0	-3.0	8.9	12.57	2.79	33.71	6.97	.10
90/03/12	00:40	03/12	09:44	60-58.7S	136-11.4	4495	4.0	-3.0	8.5	12.57	2.71	33.76	6.98	.09
90/03/12	00:45	03/12	09:49	60-58.7S	136-13.1	4493	4.0	-3.0	8.8	12.57	2.71	33.67	7.00	.10
90/03/12	00:50	03/12	09:54	60-58.7S	136-14.8	4494	4.0	-3.0	8.7	12.57	2.71	33.67	7.00	.10
90/03/12	00:55	03/12	10:00	60-58.7S	136-16.6	4492	4.0	-3.0	8.8	12.57	2.71	33.67	8.99	.09
90/03/12	01:00	03/12	10:05	60-58.7S	136-18.1	4501	4.0	-3.0	8.8	12.57	2.71	33.67	8.99	.10
90/03/12	01:05	03/12	10:10	60-58.7S	136-19.9	4496	4.0	-3.0	8.9	12.57	2.71	33.67	7.00	.10
90/03/12	01:10	03/12	10:15	60-58.7S	136-21.6	4491	4.0	-3.0	8.9	12.57	2.71	33.87	7.02	.09
90/03/12	01:15	03/12	10:20	60-58.7S	136-23.3	4500	4.0	-3.0	8.7	12.57	2.71	33.67	7.00	.09
90/03/12	01:20	03/12	10:25	60-58.7S	136-25.1	4493	4.0	-3.0	9.1	12.57	2.71	33.67	7.02	.09
90/03/12	01:25	03/12	10:30	60-58.7S	136-26.8	4492	4.0	-3.0	8.9	12.57	2.63	33.72	7.00	.09
90/03/12	01:30	03/12	10:35	60-58.8S	136-28.4	4491	4.0	-3.0	8.9	12.57	2.55	33.88	6.97	.09
90/03/12	01:35	03/12	10:41	60-58.8S	136-30.1	4490	3.9	-3.0	8.9	12.57	2.47	33.72	6.98	.09
90/03/12	01:40	03/12	10:46	60-58.8S	136-31.9	4488	3.9	-3.0	9.0	12.57	2.83	33.63	7.00	.08
90/03/12	01:45	03/12	10:51	60-58.9S	136-33.6	4486	4.0	-3.0	9.2	12.57	2.79	33.62	7.02	.09
90/03/12	01:50	03/12	10:56	60-58.9S	136-35.3	4484	4.0	-3.0	9.2	12.57	2.79	33.62	7.01	.08
90/03/12	01:55	03/12	11:01	60-58.9S	136-37.1	4482	4.0	-3.0	9.1	12.57	2.79	33.71	7.00	.08
90/03/12	02:00	03/12	11:06	60-58.9S	136-38.9	4481	4.1	-3.0	9.1	12.57	2.79	33.71	7.00	.08
90/03/12	02:05	03/12	11:11	60-59.0S	136-41.0	4478	4.1	-3.0	9.0	12.57	2.71	33.67	6.99	.08
90/03/12	02:10	03/12	11:16	60-59.0S	136-42.8	4475	4.1	-3.0	8.9	12.57	2.71	33.67	8.98	.08
90/03/12	02:15	03/12	11:21	60-59.0S	136-44.5	4481	4.1	-3.0	9.0	12.57	2.71	33.87	8.98	.08
90/03/12	02:20	03/12	11:27	60-59.0S	136-46.3	4471	4.1	-3.0	9.2	12.57	2.63	33.72	8.98	.08
90/03/12	02:25	03/12	11:32	60-59.1S	136-48.1	4472	4.1	-3.0	8.9	12.57	2.63	33.72	8.97	.08
90/03/12	02:30	03/12	11:37	60-59.1S	136-49.8	4472	4.1	-3.0	9.0	12.57	2.63	33.72	6.98	.08
90/03/12	02:35	03/12	11:42	60-59.2S	136-51.6	4472	4.0	-3.0	9.3	12.57	2.63	33.72	8.98	.08
90/03/12	02:40	03/12	11:47	60-59.2S	136-53.4	4471	4.1	-3.0	8.9	12.57	2.63	33.72	6.98	.08
90/03/12	02:45	03/12	11:52	60-59.2S	136-55.1	4473	4.0	-3.0	9.1	12.57	2.63	33.63	6.99	.08
90/03/12	02:50	03/12	11:57	60-59.2S	136-56.9	4467	4.0	-3.0	8.8	12.57	2.71	33.67	6.98	.08
90/03/12	02:55	03/12	12:02	60-59.2S	136-58.6	4466	4.0	-3.0	9.1	12.57	2.79	33.71	7.02	.08
90/03/12	03:00	03/12	12:08	60-59.3S	137-00.4	4467	4.0	-3.0	9.1	12.57	2.79	33.71	6.98	.08
90/03/12	03:05	03/12	12:13	60-59.3S	137-02.2	4468	7.9	-3.0	9.1	12.57	2.79	33.71	6.99	.08
90/03/12	03:10	03/12	12:18	61-00.0S	137-02.1	4469	4.0	-3.0	9.2	12.57	2.79	33.71	6.98	.08
90/03/12	03:15	03/12	12:23	61-00.1S	137-03.8	4470	4.1	-3.0	9.2	12.57	2.79	33.71	6.98	.08
90/03/12	03:20	03/12	12:28	61-00.1S	137-05.5	4466	4.1	-3.0	9.1	12.57	2.79	33.71	6.97	.08
90/03/12	03:25	03/12	12:33	61-00.2S	137-07.1	4456	4.2	-3.0	8.9	12.57	2.79	33.71	6.97	.08
90/03/12	03:30	03/12	12:38	61-00.2S	137-09.0	4455	4.2	-3.0	10.3	12.57	2.79	33.71	6.97	.08
90/03/12	03:35	03/12	12:43	61-00.3S	137-11.0	4453	4.2	-3.0	11.6	12.57	2.79	33.62	6.96	.08
90/03/12	03:40	03/12	12:48	61-00.4S	137-13.2	4451	3.9	-3.0	11.7	12.57	2.71	33.67	6.96	.08
90/03/12	03:45	03/12	12:53	61-00.7S	137-14.8	4600	4.2	-3.0	5.3	12.59	2.63	33.72	8.95	.08
90/03/12	03:50	03/12	12:58	61-00.8S	137-14.8	4448	4.1	-3.0	.6	12.57	2.71	33.67	7.02	.08
90/03/12	03:55	03/12	13:03	61-00.9S	137-14.9	4451	4.1	-3.0	1.0	12.59	2.71	33.67	6.97	.08
90/03/12	04:00	03/12	13:08	61-01.0S	137-15.0	4447	4.3	-3.0	1.1	12.59	2.71	33.67	8.97	.08
90/03/12	04:05	03/12	13:14	61-01.1S	137-15.2	4447	4.5	-3.0	1.0	12.59	2.71	33.67	6.95	.08
90/03/12	04:10	03/12	13:19	61-01.2S	137-15.3	4446	4.6	-3.0	1.1	12.59	2.63	33.72	6.95	.08

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/12	04:15	03/12	13:24	61-01.3S	137-15.4	4448	4.7	-3.0	.9	12.59	2.63	33.72	6.94	.06
90/03/12	04:20	03/12	13:29	61-01.4S	137-15.5	4445	4.7	-3.0	1.0	12.59	2.63	33.72	6.93	.06
90/03/12	04:25	03/12	13:34	61-01.5S	137-15.7	4445	4.9	-3.0	1.0	12.59	2.63	33.72	6.93	.06
90/03/12	04:30	03/12	13:39	61-01.6S	137-15.8	4444	5.0	-3.0	.9	12.59	2.71	33.67	6.93	.06
90/03/12	04:35	03/12	13:44	61-01.6S	137-15.9	4443	5.0	-3.0	.8	12.59	2.71	33.67	6.93	.06
90/03/12	04:40	03/12	13:49	61-01.7S	137-16.0	4444	5.0	-3.0	.8	12.59	2.71	33.67	6.93	.06
90/03/12	04:45	03/12	13:54	61-01.8S	137-16.1	4442	5.0	-3.0	.9	12.57	2.71	33.67	6.93	.06
90/03/12	04:50	03/12	13:59	61-01.9S	137-16.3	4441	4.5	-3.0	.8	12.59	2.71	33.67	6.92	.06
90/03/12	04:55	03/12	14:04	61-02.0S	137-16.3	4442	4.8	-3.0	.9	12.57	2.71	33.67	6.92	.06
90/03/12	05:00	03/12	14:09	61-02.0S	137-16.4	4442	4.8	-3.0	.8	12.59	2.71	33.67	6.91	.06
90/03/12	05:05	03/12	14:14	61-02.1S	137-16.6	4440	4.9	-3.0	.7	12.57	2.71	33.67	6.90	.06
90/03/12	05:10	03/12	14:19	61-02.2S	137-16.7	4441	4.9	-3.0	.7	12.59	2.71	33.67	6.90	.06
90/03/12	05:15	03/12	14:24	61-02.7S	137-17.2	4443	4.7	-3.0	.8	12.59	2.79	33.62	6.90	.06
90/03/12	05:20	03/12	14:29	61-02.8S	137-17.3	4441	4.8	-3.0	.8	12.57	2.71	33.67	6.90	.06
90/03/12	05:25	03/12	14:34	61-02.9S	137-17.3	4440	4.7	-3.0	.8	12.57	2.79	33.62	6.89	.06
90/03/12	05:30	03/12	14:39	61-02.9S	137-17.5	4444	4.8	-3.0	.8	12.57	2.71	33.67	6.89	.06
90/03/12	05:35	03/12	14:44	61-03.1S	137-17.6	4443	5.0	-3.0	.9	12.57	2.79	33.62	6.89	.06
90/03/12	05:40	03/12	14:49	61-03.1S	137-17.8	4441	5.0	-3.0	.9	12.57	2.71	33.67	6.88	.06
90/03/12	05:45	03/12	14:54	61-03.6S	137-17.3	4442	5.0	-3.0	.9	12.57	2.71	33.67	6.89	.06
90/03/12	05:50	03/12	14:59	61-03.7S	137-17.4	4442	4.9	-3.0	1.0	12.73	2.71	33.67	6.87	-.43
90/03/12	05:55	03/12	15:04	61-03.8S	137-17.5	4442	4.7	-3.0	1.0	12.75	2.71	33.67	6.88	-.30
90/03/12	06:00	03/12	15:09	61-03.9S	137-17.6	4442	4.5	-3.0	.8	12.57	2.71	33.76	6.87	.06
90/03/12	06:05	03/12	15:14	61-04.0S	137-17.7	4445	4.7	-3.0	1.0	12.56	2.63	33.60	6.82	.06
90/03/12	06:10	03/12	15:19	61-04.1S	137-17.8	4442	4.9	-3.0	.9	12.59	2.63	33.60	-6.26	.06
90/03/12	06:15	03/12	15:24	61-04.3S	137-17.9	4442	4.5	-3.0	1.0	12.54	2.63	33.60	7.06	.06
90/03/12	06:20	03/12	15:29	61-04.4S	137-18.0	4443	4.4	-3.0	.7	12.56	2.71	33.76	7.34	.07
90/03/12	06:25	03/12	15:34	61-04.5S	137-18.1	4442	4.4	-3.0	1.0	12.56	2.63	33.60	7.43	.07
90/03/12	06:30	03/12	15:39	61-04.6S	137-18.2	4445	4.5	-3.0	.8	12.56	2.71	33.76	7.52	.06
90/03/12	06:35	03/12	15:44	61-04.7S	137-18.4	4442	4.8	-3.0	.8	12.56	2.71	33.76	7.53	.07
90/03/12	06:40	03/12	15:49	61-04.8S	137-18.5	4443	4.4	-3.0	.7	12.56	2.71	33.67	7.56	.06
90/03/12	06:45	03/12	15:54	61-04.9S	137-18.5	4445	4.3	-3.0	3.0	12.56	2.71	33.67	7.59	.06
90/03/12	06:50	03/12	15:59	61-05.1S	137-19.7	4442	4.3	-3.0	9.6	12.56	2.71	33.67	7.61	.06
90/03/12	06:55	03/12	16:04	61-05.0S	137-21.5	4427	3.9	-3.0	10.7	12.57	2.71	33.67	7.69	.06
90/03/12	07:00	03/12	16:09	61-04.9S	137-23.4	4426	3.6	-3.0	10.3	12.56	2.71	33.67	7.64	.06
90/03/12	07:05	03/12	16:14	61-05.2S	137-26.4	4425	3.7	-3.0	10.6	12.57	2.71	33.67	7.65	.06
90/03/12	07:10	03/12	16:19	61-05.0S	137-28.4	4428	3.7	-3.0	10.6	12.57	2.71	33.67	7.66	.06
90/03/12	07:15	03/12	16:25	61-04.9S	137-30.3	4432	3.7	-3.0	10.0	12.57	2.71	33.67	7.64	.06
90/03/12	07:20	03/12	16:30	61-04.8S	137-32.2	4429	3.7	-3.0	10.3	12.57	2.71	33.67	7.65	.06
90/03/12	07:25	03/12	16:35	61-04.7S	137-34.1	4427	3.7	-3.0	10.3	12.57	2.71	33.67	7.64	.07
90/03/12	07:30	03/12	16:40	61-04.8S	137-36.1	4426	3.7	-3.0	10.3	12.57	2.71	33.67	7.64	.06
90/03/12	07:35	03/12	16:45	61-04.5S	137-38.0	4424	3.7	-3.0	10.7	12.57	2.71	33.67	7.64	.06
90/03/12	07:40	03/12	16:50	61-04.4S	137-40.0	4365	3.7	-3.0	10.3	12.57	2.63	33.72	7.63	.07
90/03/12	07:45	03/12	16:55	61-04.3S	137-41.9	4420	3.7	-3.0	10.3	12.57	2.63	33.72	7.65	.07
90/03/12	07:50	03/12	17:00	61-04.1S	137-43.8	4438	3.7	-3.0	10.2	12.57	2.63	33.72	7.65	.07
90/03/12	07:55	03/12	17:06	61-04.0S	137-45.7	4445	3.6	-3.0	10.4	12.57	2.63	33.72	7.65	.07
90/03/12	08:00	03/12	17:11	61-03.9S	137-47.6	4449	3.6	-3.0	10.6	12.57	2.63	33.72	7.63	.07
90/03/12	08:05	03/12	17:16	61-03.8S	137-49.6	4451	3.6	-3.0	10.1	12.57	2.63	33.72	7.62	.07
90/03/12	08:10	03/12	17:21	61-03.7S	137-51.5	4452	3.6	-3.0	10.2	12.57	2.63	33.72	7.62	.07
90/03/12	08:15	03/12	17:26	61-03.6S	137-53.4	4600	3.6	-3.0	10.1	12.57	2.71	33.67	7.63	.07
90/03/12	08:20	03/12	17:31	61-03.5S	137-55.4	4450	3.6	-3.0	10.6	12.57	2.63	33.72	7.66	.07
90/03/12	08:25	03/12	17:36	61-03.4S	137-57.3	4448	3.6	-3.0	10.1	12.57	2.71	33.67	7.64	.07

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/12	08:30	03/12	17:41	61-02.0S	137-57.4	4445	3.6	-3.0	10.6	12.57	2.71	33.76	7.64	.06
90/03/12	08:35	03/12	17:46	61-01.8S	137-59.3	4442	3.7	-3.0	10.4	12.57	2.79	33.71	7.63	.07
90/03/12	08:40	03/12	17:52	61-01.6S	138-01.2	4443	3.7	-3.0	10.2	12.57	2.79	33.71	7.64	.07
90/03/12	08:45	03/12	17:57	61-01.5S	138-03.0	4446	3.7	-3.0	10.3	12.57	2.79	33.71	7.63	.07
90/03/12	08:50	03/12	18:02	61-01.3S	138-04.9	4445	3.7	-3.0	9.7	12.57	2.79	33.71	7.63	.07
90/03/12	08:55	03/12	18:07	61-01.1S	138-06.7	4444	3.7	-3.0	10.4	12.57	2.79	33.71	7.66	.07
90/03/12	09:00	03/12	18:12	61-01.0S	138-09.4	4442	3.7	-3.0	10.2	12.57	2.79	33.71	7.62	.07
90/03/12	09:05	03/12	18:17	61-00.8S	138-11.3	4441	3.7	-3.0	10.1	12.57	2.71	33.67	7.67	.07
90/03/12	09:10	03/12	18:22	61-00.6S	138-13.2	4439	3.7	-3.0	10.2	12.57	2.71	33.67	7.66	.07
90/03/12	09:15	03/12	18:28	61-00.5S	138-15.1	4437	3.7	-3.0	10.3	12.57	2.87	33.66	7.65	.07
90/03/12	09:20	03/12	18:33	61-00.3S	138-16.9	4436	3.7	-3.0	10.1	12.57	2.87	33.75	7.66	.07
90/03/12	09:25	03/12	18:38	61-00.1S	138-18.8	4435	3.7	-3.0	10.3	12.57	2.87	33.75	7.66	.07
90/03/12	09:30	03/12	18:43	60-59.9S	138-20.6	4435	3.7	-3.0	10.1	12.57	2.95	33.70	7.64	.07
90/03/12	09:35	03/12	18:48	60-59.8S	138-22.5	4433	3.7	-3.0	10.2	12.57	2.95	33.70	7.65	.07
90/03/12	09:40	03/12	18:53	60-59.8S	138-24.4	4435	3.7	-3.0	10.1	12.57	2.95	33.70	7.64	.07
90/03/12	09:45	03/12	18:58	60-59.6S	138-26.2	4439	3.7	-3.0	9.7	12.57	2.95	33.70	7.66	.07
90/03/12	09:50	03/12	19:03	60-59.3S	138-28.0	4442	3.7	-3.0	9.6	12.57	2.95	33.70	7.66	.07
90/03/12	09:55	03/12	19:08	60-59.1S	138-29.7	4442	3.7	-3.0	9.7	12.57	2.95	33.70	7.66	.07
90/03/12	10:00	03/12	19:14	60-59.0S	138-31.5	4445	3.7	-3.0	8.9	12.57	2.95	33.70	7.65	.07
90/03/12	10:05	03/12	19:19	60-58.9S	138-33.3	4446	3.7	-3.0	9.9	12.59	2.95	33.70	7.67	.07
90/03/12	10:10	03/12	19:24	60-58.9S	138-35.1	4446	3.7	-3.0	10.0	12.59	2.95	33.70	7.66	.07
90/03/12	10:15	03/12	19:29	60-58.9S	138-37.0	4442	3.7	-3.0	10.0	12.59	2.95	33.70	7.64	.07
90/03/12	10:20	03/12	19:34	60-58.9S	138-38.8	4434	3.7	-3.0	10.0	12.59	2.95	33.70	7.65	.07
90/03/12	10:25	03/12	19:39	60-58.8S	138-40.8	4431	3.7	-3.0	10.0	12.59	2.95	33.70	7.66	.08
90/03/12	10:30	03/12	19:44	60-58.8S	138-42.7	4429	3.7	-3.0	9.5	12.59	2.95	33.70	7.64	.07
90/03/12	10:35	03/12	19:49	60-58.8S	138-44.5	4426	3.7	-3.0	10.3	12.59	2.95	33.70	7.66	.08
90/03/12	10:40	03/12	19:55	60-58.8S	138-46.4	4425	3.7	-3.0	10.1	12.59	3.03	33.74	7.66	.08
90/03/12	10:45	03/12	20:00	60-58.8S	138-48.2	4423	3.7	-3.0	10.4	12.59	3.03	33.66	7.64	.07
90/03/12	10:50	03/12	20:05	60-58.8S	138-50.1	4422	3.8	-3.0	10.4	12.59	3.03	33.66	7.64	.07
90/03/12	10:55	03/12	20:10	60-58.8S	138-52.0	4421	3.9	-3.0	10.0	12.60	3.03	33.74	7.65	.07
90/03/12	11:00	03/12	20:15	60-58.8S	138-53.8	4419	3.9	-3.0	10.3	12.59	3.03	33.74	7.64	.07
90/03/12	11:05	03/12	20:20	60-58.8S	138-55.7	4418	3.9	-3.0	10.1	12.60	3.03	33.74	7.66	.07
90/03/12	11:10	03/12	20:25	60-58.8S	138-57.6	4417	3.9	-3.0	10.1	12.60	3.03	33.66	7.63	.07
90/03/12	11:15	03/12	20:30	60-58.8S	138-59.5	4418	3.9	-3.0	9.8	12.60	2.95	33.70	7.63	.07
90/03/12	11:20	03/12	20:36	60-58.8S	139-01.4	4414	3.9	-3.0	10.1	12.60	2.95	33.70	7.65	.07
90/03/12	11:25	03/12	20:41	60-58.8S	139-03.2	4413	3.8	-3.0	10.2	12.60	3.03	33.66	7.63	.07
90/03/12	11:30	03/12	20:46	60-58.8S	139-05.1	4412	3.8	-3.0	10.2	12.60	3.03	33.66	7.64	.07
90/03/12	11:35	03/12	20:51	60-58.8S	139-07.0	4411	3.8	-3.0	10.2	12.60	2.95	33.70	7.64	.07
90/03/12	11:40	03/12	20:56	60-58.8S	139-08.9	4410	3.8	-3.0	10.0	12.60	2.95	33.70	7.64	.07
90/03/12	11:45	03/12	21:01	60-58.8S	139-10.7	4408	3.8	-3.0	10.1	12.62	2.95	33.70	7.66	.07
90/03/12	11:50	03/12	21:06	60-58.8S	139-12.6	4409	3.8	-3.0	9.7	12.60	3.03	33.66	7.65	.07
90/03/12	11:55	03/12	21:11	60-58.8S	139-14.5	4407	3.8	-3.0	10.1	12.60	3.03	33.66	7.65	.07
90/03/12	12:00	03/12	21:17	60-58.9S	139-16.3	4408	3.8	-3.0	10.2	12.60	3.03	33.66	7.66	.07
90/03/12	12:05	03/12	21:22	60-58.9S	139-18.2	4402	3.8	-3.0	10.1	12.60	3.03	33.66	7.64	.07
90/03/12	12:10	03/12	21:27	60-59.2S	139-20.0	4406	3.8	-3.0	9.5	12.62	3.03	33.66	7.64	.06
90/03/12	12:15	03/12	21:32	60-59.2S	139-21.9	4405	3.7	-3.0	9.8	12.62	3.03	33.66	7.66	.07
90/03/12	12:20	03/12	21:37	60-59.2S	139-23.8	4411	3.7	-3.0	10.0	12.62	3.03	33.74	7.66	.07
90/03/12	12:25	03/12	21:42	60-59.2S	139-25.7	4416	3.7	-3.0	10.1	12.62	3.03	33.74	7.65	.07
90/03/12	12:30	03/12	21:47	60-59.2S	139-27.5	4136	3.7	-3.0	9.9	12.62	3.03	33.66	7.65	.07
90/03/12	12:35	03/12	21:52	60-59.2S	139-29.5	4407	3.7	-3.0	9.8	12.62	3.03	33.66	7.66	.07
90/03/12	12:40	03/12	21:58	60-59.3S	139-31.7	4405	3.7	-3.0	9.8	12.62	3.03	33.66	7.67	.08

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/12	12:45	03/12	22:03	60-59.3S	139-33.5	4404	3.7	-3.0	10.1	12.62	3.03	33.66	7.64	.08
90/03/12	12:50	03/12	22:08	60-59.3S	139-35.4	4402	3.7	-3.0	9.9	12.63	3.03	33.66	7.66	.07
90/03/12	12:55	03/12	22:13	60-59.3S	139-37.3	4401	3.7	-3.0	10.2	12.62	3.03	33.66	7.64	.07
90/03/12	13:00	03/12	22:18	60-59.3S	139-39.2	4403	3.7	-3.0	10.0	12.63	3.03	33.66	7.64	.08
90/03/12	13:05	03/12	22:23	60-59.3S	139-41.1	4403	3.7	-3.0	10.4	12.65	3.03	33.66	7.66	.08
90/03/12	13:10	03/12	22:28	60-59.3S	139-43.1	4400	3.7	-3.0	10.7	12.65	3.11	33.70	7.65	.07
90/03/12	13:15	03/12	22:34	60-59.4S	139-45.1	4400	3.7	-3.0	10.7	12.65	3.03	33.66	7.64	.08
90/03/12	13:20	03/12	22:39	60-59.4S	139-47.0	4399	3.7	-3.0	10.5	12.65	3.11	33.70	7.65	.08
90/03/12	13:25	03/12	22:44	60-59.4S	139-49.0	4399	3.7	-3.0	10.4	12.65	3.03	33.74	7.66	.07
90/03/12	13:30	03/12	22:49	60-59.4S	139-50.9	4398	3.7	-3.0	10.8	12.65	3.11	33.70	7.65	.07
90/03/12	13:35	03/12	22:54	60-59.5S	139-52.9	4398	3.8	-3.0	10.6	12.63	3.11	33.70	7.64	.07
90/03/12	13:40	03/12	22:59	60-59.5S	139-54.9	4397	3.8	-3.0	10.7	12.65	3.11	33.70	7.64	.07
90/03/12	13:45	03/12	23:04	60-59.5S	139-56.8	4397	3.8	-3.0	10.5	12.63	3.11	33.70	7.63	.08
90/03/12	13:50	03/12	23:09	60-59.5S	139-58.8	4394	3.8	-3.0	10.6	12.63	3.11	33.70	7.63	.08
90/03/12	13:55	03/12	23:15	60-59.5S	140-01.2	4396	3.8	-3.0	10.7	12.63	3.11	33.70	7.63	.08
90/03/12	14:00	03/12	23:20	60-59.5S	140-03.2	4393	3.8	-3.0	10.6	12.63	3.11	33.70	7.62	.07
90/03/12	14:05	03/12	23:25	60-59.5S	140-05.2	4392	3.9	-3.0	10.4	12.63	3.11	33.70	7.62	.08
90/03/12	14:10	03/12	23:30	60-59.5S	140-07.1	4388	3.9	-3.0	10.4	12.63	3.11	33.70	7.64	.08
90/03/12	14:15	03/12	23:35	60-59.5S	140-09.1	4390	3.9	-3.0	10.8	12.63	3.11	33.70	7.61	.08
90/03/12	14:20	03/12	23:40	60-59.5S	140-11.0	4390	3.9	-3.0	10.3	12.63	3.03	33.74	7.61	.08
90/03/12	14:25	03/12	23:45	60-59.1S	140-13.0	4391	3.8	-3.0	10.2	12.63	2.95	33.70	7.61	.08
90/03/12	14:30	03/12	23:50	60-59.1S	140-15.0	4392	3.7	-3.0	10.4	12.63	2.95	33.70	7.61	.08
90/03/12	14:35	03/12	23:55	60-59.1S	140-17.0	4392	3.6	-3.0	10.7	12.63	2.95	33.70	7.60	.08
90/03/12	14:40	03/13	00:01	60-58.9S	140-19.1	4398	3.6	-3.0	10.7	12.63	2.95	33.70	7.59	.08
90/03/12	14:45	03/13	00:06	60-58.9S	140-21.2	4402	3.6	-3.0	10.6	12.63	3.11	33.70	7.61	.08
90/03/12	14:50	03/13	00:11	60-59.0S	140-23.2	4402	3.7	-3.0	10.6	12.63	3.11	33.70	7.58	.08
90/03/12	14:55	03/13	00:16	60-59.0S	140-25.1	4399	3.7	-3.0	10.4	12.63	3.03	33.66	7.59	.07
90/03/12	15:00	03/13	00:21	60-59.0S	140-27.1	4398	3.7	-3.0	10.9	12.62	2.95	33.70	7.58	.08
90/03/12	15:05	03/13	00:26	60-59.0S	140-29.0	4395	3.8	-3.0	10.6	12.62	2.95	33.70	7.59	.08
90/03/12	15:10	03/13	00:32	60-59.0S	140-31.0	4391	3.9	-3.0	10.5	12.63	2.95	33.70	7.59	.08
90/03/12	15:15	03/13	00:37	60-59.0S	140-33.1	4389	3.9	-3.0	10.6	12.63	2.95	33.62	7.59	.08
90/03/12	15:20	03/13	00:42	60-59.0S	140-35.0	4388	3.9	-3.0	10.3	12.63	2.87	33.66	7.60	.08
90/03/12	15:25	03/13	00:47	60-59.0S	140-37.0	4385	3.9	-3.0	10.4	12.62	2.87	33.66	7.57	.08
90/03/12	15:30	03/13	00:52	60-59.0S	140-39.0	4382	3.9	-3.0	10.7	12.62	2.87	33.66	7.59	.07
90/03/12	15:35	03/13	00:57	60-59.0S	140-41.0	4382	3.9	-3.0	10.6	12.62	2.87	33.66	7.59	.07
90/03/12	15:40	03/13	01:02	60-59.0S	140-43.0	4382	3.9	-3.0	10.6	12.63	2.87	33.66	7.59	.07
90/03/12	15:45	03/13	01:07	60-59.0S	140-44.9	4383	4.0	-3.0	10.6	12.63	2.87	33.66	7.59	.07
90/03/12	15:50	03/13	01:13	60-59.0S	140-46.9	4382	4.0	-3.0	10.9	12.63	2.79	33.71	7.57	.07
90/03/12	15:55	03/13	01:18	60-59.0S	140-48.9	4383	4.0	-3.0	10.7	12.63	2.87	33.66	7.59	.07
90/03/12	16:00	03/13	01:23	60-59.0S	140-50.9	4382	4.0	-3.0	10.6	12.63	2.87	33.66	7.58	.07
90/03/12	16:05	03/13	01:28	60-59.0S	140-52.9	4394	4.1	-3.0	10.5	12.63	2.87	33.66	7.59	.07
90/03/12	16:10	03/13	01:33	60-59.0S	140-54.8	4379	4.1	-3.0	10.4	12.63	2.87	33.66	7.59	.08
90/03/12	16:15	03/13	01:38	60-59.0S	140-56.9	4377	4.1	-3.0	10.7	12.62	2.87	33.66	7.61	.07
90/03/12	16:20	03/13	01:43	60-59.0S	140-58.8	4377	4.0	-3.0	9.9	12.63	2.87	33.66	7.56	.07
90/03/12	16:25	03/13	01:49	60-59.0S	141-00.8	4377	4.0	-3.0	10.1	12.63	2.87	33.66	7.60	.07
90/03/12	16:30	03/13	01:54	60-59.0S	141-02.7	4379	4.0	-3.0	10.2	12.63	2.79	33.71	7.62	.07
90/03/12	16:35	03/13	01:59	60-59.0S	141-04.7	4376	4.0	-3.0	10.5	12.63	2.79	33.71	7.61	.07
90/03/12	16:40	03/13	02:04	60-59.0S	141-06.7	4379	3.9	-3.0	10.6	12.63	2.79	33.71	7.59	.08
90/03/12	16:45	03/13	02:09	60-59.0S	141-08.6	4376	3.9	-3.0	10.0	12.63	2.79	33.71	7.57	.08
90/03/12	16:50	03/13	02:14	60-59.0S	141-10.6	4377	3.9	-3.0	10.4	12.63	2.79	33.62	7.60	.07
90/03/12	16:55	03/13	02:19	60-59.0S	141-12.5	4375	3.9	-3.0	10.5	12.63	2.79	33.71	7.61	.08

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/12	17:00	03/13	02:24	60-59.0S	141-14.5	4377	3.9	-3.0	10.4	12.63	2.79	33.71	7.59	.08
90/03/12	17:06	03/13	02:30	60-59.0S	141-16.6	4376	3.9	-3.0	10.3	12.63	2.87	33.66	7.60	.07
90/03/12	17:10	03/13	02:36	60-59.0S	141-18.6	4371	3.9	-3.0	10.3	12.63	2.79	33.71	7.58	.08
90/03/12	17:16	03/13	02:40	60-59.0S	141-20.6	4380	4.0	-3.0	10.3	12.63	2.79	33.62	7.58	.08
90/03/12	17:20	03/13	02:45	60-59.0S	141-22.4	4373	4.0	-3.0	10.3	12.63	2.63	33.63	7.81	.09
90/03/12	17:25	03/13	02:50	60-59.0S	141-24.4	4363	3.9	-3.0	10.3	12.85	2.55	33.88	7.60	.09
90/03/12	17:30	03/13	02:56	60-59.0S	141-26.4	4363	3.9	-3.0	10.8	12.63	2.47	33.72	7.62	.09
90/03/12	17:35	03/13	03:00	60-58.8S	141-28.8	4355	3.9	-3.0	10.2	12.63	2.39	33.88	7.62	.10
90/03/12	17:40	03/13	03:06	60-58.8S	141-28.7	4357	3.9	-3.0	10.1	12.63	2.31	33.73	7.66	.10
90/03/12	17:45	03/13	03:11	60-58.8S	141-30.7	4357	3.9	-3.0	10.4	12.85	2.23	33.69	7.64	.12
90/03/12	17:50	03/13	03:16	60-58.8S	141-32.6	4356	3.9	-3.0	10.2	12.63	2.15	33.73	7.86	.12
90/03/12	17:55	03/13	03:21	60-58.8S	141-34.4	4353	3.5	-3.0	10.7	12.65	2.15	33.73	7.66	.13
90/03/12	18:00	03/13	03:26	60-58.8S	141-36.1	4351	3.5	-3.0	10.1	12.65	2.15	33.65	7.66	.12
90/03/12	18:05	03/13	03:31	60-58.8S	141-37.9	4346	3.4	-3.0	9.8	12.65	2.15	33.73	7.66	.11
90/03/12	18:10	03/13	03:36	60-58.8S	141-39.8	4345	3.4	-3.0	10.2	12.63	2.15	33.73	7.67	.12
90/03/12	18:15	03/13	03:41	60-58.8S	141-41.8	4345	3.3	-3.0	10.3	12.85	2.07	33.70	7.66	.14
90/03/12	18:20	03/13	03:46	60-58.8S	141-43.7	4346	3.2	-3.0	10.5	12.65	1.99	33.74	7.67	.15
90/03/12	18:25	03/13	03:52	60-58.8S	141-45.7	4348	3.2	-3.0	10.3	12.65	1.99	33.66	7.66	.16
90/03/12	18:30	03/13	03:57	60-58.7S	141-47.6	4346	3.1	-3.0	9.9	12.65	2.07	33.70	7.69	.20
90/03/12	18:35	03/13	04:02	60-58.7S	141-49.5	4349	3.1	-3.0	10.7	12.65	2.23	33.89	7.70	.21
90/03/12	18:40	03/13	04:07	60-58.8S	141-51.4	4350	3.1	-3.0	10.3	12.65	2.31	33.73	7.69	.23
90/03/12	18:45	03/13	04:12	60-58.8S	141-53.3	4351	3.1	-3.0	10.4	12.65	2.31	33.73	7.68	.25
90/03/12	18:50	03/13	04:17	60-58.8S	141-55.3	4352	3.2	-3.0	10.5	12.66	2.39	33.68	7.69	.28
90/03/12	18:55	03/13	04:22	60-59.0S	141-57.2	4351	3.3	-3.0	10.3	12.66	2.39	33.68	7.69	.31
90/03/12	19:00	03/13	04:27	60-59.0S	141-59.1	4352	3.2	-3.0	10.3	12.66	2.31	33.65	7.89	.30
90/03/12	19:05	03/13	04:33	60-59.1S	142-01.0	4351	3.3	-3.0	10.2	12.66	2.23	33.69	7.70	.28
90/03/12	19:10	03/13	04:38	60-59.2S	142-02.9	4345	3.3	-3.0	10.7	12.66	2.31	33.65	7.68	.26
90/03/12	19:15	03/13	04:43	60-59.2S	142-04.9	4342	3.2	-3.0	10.5	12.66	2.23	33.69	7.69	.23
90/03/12	19:20	03/13	04:48	60-59.3S	142-06.7	4342	3.2	-3.0	10.2	12.67	2.31	33.65	7.69	.16
90/03/12	19:25	03/13	04:53	60-59.3S	142-08.6	4343	3.1	-3.0	10.7	12.66	2.31	33.65	7.67	.16
90/03/12	19:30	03/13	04:58	60-59.6S	142-10.6	4344	3.0	-3.0	10.4	12.66	2.31	33.65	7.66	.16
90/03/12	19:35	03/13	05:03	60-59.6S	142-12.5	4276	3.0	-3.0	10.4	12.67	2.31	33.65	7.67	.16
90/03/12	19:40	03/13	05:08	60-59.6S	142-14.5	4346	3.0	-3.0	10.7	12.66	2.31	33.65	7.69	.15
90/03/12	19:45	03/13	05:14	60-59.6S	142-16.3	4348	3.0	-3.0	10.2	12.66	2.31	33.65	7.69	.16
90/03/12	19:50	03/13	05:19	60-59.7S	142-18.3	4345	3.0	-3.0	10.8	12.66	2.31	33.65	7.68	.22
90/03/12	19:55	03/13	05:24	60-59.8S	142-20.2	4349	3.1	-3.0	10.7	12.66	2.31	33.65	7.70	.33
90/03/12	20:00	03/13	05:29	60-59.8S	142-22.2	4297	3.1	-3.0	10.5	12.67	2.31	33.73	7.70	.35
90/03/12	20:05	03/13	05:34	61-00.3S	142-24.6	4346	3.0	-3.0	10.4	12.67	2.31	33.65	7.70	.36
90/03/12	20:10	03/13	05:39	61-00.3S	142-26.6	4337	2.9	-3.0	10.2	12.66	2.31	33.65	7.72	.36
90/03/12	20:15	03/13	05:44	61-00.3S	142-28.5	4330	2.9	-3.0	10.5	12.67	2.31	33.65	7.70	.37
90/03/12	20:20	03/13	05:50	61-00.3S	142-30.5	4324	2.8	-3.0	10.7	12.67	2.39	33.68	7.70	.36
90/03/12	20:25	03/13	05:55	61-00.3S	142-32.5	4321	2.8	-3.0	10.5	12.67	2.39	33.68	7.70	.33
90/03/12	20:30	03/13	06:00	61-00.3S	142-34.4	4315	2.8	-3.0	10.4	12.67	2.31	33.73	7.70	.27
90/03/12	20:35	03/13	06:05	61-00.3S	142-36.3	4321	2.8	-3.0	10.5	12.67	2.31	33.65	7.69	.16
90/03/12	20:40	03/13	06:10	61-00.3S	142-38.3	4320	3.0	-3.0	10.5	12.67	2.31	33.65	7.67	.15
90/03/12	20:45	03/13	06:15	61-00.3S	142-40.3	4318	3.1	-3.0	10.5	12.67	2.31	33.65	7.68	.15
90/03/12	20:50	03/13	06:20	61-00.3S	142-42.2	4315	3.0	-3.0	10.3	12.67	2.23	33.69	7.89	.14
90/03/12	20:55	03/13	06:25	61-00.3S	142-44.2	4312	3.0	-3.0	10.8	12.67	2.23	33.89	7.69	.13
90/03/12	21:00	03/13	06:31	61-00.7S	142-45.1	4310	3.1	-3.0	10.4	12.67	2.15	33.65	7.89	.11
90/03/12	21:05	03/13	06:36	61-00.8S	142-47.0	4309	3.1	-3.0	10.8	12.67	2.15	33.65	7.68	.11
90/03/12	21:10	03/13	06:41	61-00.8S	142-49.0	4306	3.3	-3.0	10.6	12.67	2.15	33.65	7.88	.11

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/12	21:15	03/13	08:46	61-00.8S	142-50.9	4301	3.3	-3.0	10.8	12.67	2.15	33.65	7.66	.10
90/03/12	21:20	03/13	08:51	61-00.8S	142-52.8	4298	3.3	-3.0	10.6	12.67	2.23	33.69	7.67	.09
90/03/12	21:25	03/13	08:56	61-01.1S	142-55.8	4297	3.3	-3.0	10.7	12.67	2.31	33.66	7.68	.08
90/03/12	21:30	03/13	07:01	61-01.0S	142-57.8	4297	3.3	-3.0	10.7	12.67	2.87	33.86	7.67	.07
90/03/12	21:35	03/13	07:06	61-01.0S	142-59.8	4298	3.3	-3.0	10.7	12.67	2.95	33.82	7.66	.07
90/03/12	21:40	03/13	07:12	61-00.8S	143-01.6	4292	3.4	-3.0	10.3	12.67	2.95	33.82	7.64	.07
90/03/12	21:45	03/13	07:17	61-00.8S	143-03.5	4293	3.5	-3.0	10.5	12.67	2.95	33.82	7.62	.08
90/03/12	21:50	03/13	07:22	61-00.8S	143-05.5	4291	3.7	-3.0	9.8	12.67	2.95	33.82	7.62	.08
90/03/12	21:55	03/13	07:27	61-01.2S	143-06.8	4305	3.9	-3.0	9.3	12.67	2.95	33.82	7.62	.05
90/03/12	22:00	03/13	07:32	61-01.2S	143-08.6	4298	3.7	-3.0	9.3	12.67	2.87	33.86	7.61	.06
90/03/12	22:05	03/13	07:37	61-01.1S	143-10.4	4296	3.8	-3.0	9.2	12.67	2.87	33.66	7.63	.06
90/03/12	22:10	03/13	07:42	61-01.1S	143-12.1	4299	3.8	-3.0	9.2	12.67	2.87	33.66	7.64	.06
90/03/12	22:15	03/13	07:47	61-01.0S	143-13.8	4301	3.8	-3.0	9.4	12.67	2.87	33.66	7.65	.06
90/03/12	22:20	03/13	07:53	61-01.0S	143-15.2	4301	3.8	-3.0	9.3	12.67	2.87	33.66	7.62	.08
90/03/12	22:25	03/13	07:58	61-01.0S	143-17.3	4283	4.1	-3.0	9.4	12.67	2.87	33.66	7.63	.08
90/03/12	22:30	03/13	08:03	61-00.8S	143-18.8	4302	4.2	-3.0	9.4	12.67	2.87	33.66	7.63	.05
90/03/12	22:35	03/13	08:08	61-00.8S	143-20.5	4301	4.2	-3.0	9.3	12.69	2.87	33.66	7.62	.06
90/03/12	22:40	03/13	08:13	61-00.8S	143-22.3	4301	3.9	-3.0	9.4	12.67	2.87	33.66	7.63	.06
90/03/12	22:45	03/13	08:18	61-00.8S	143-24.0	4217	3.7	-3.0	9.3	12.67	2.87	33.66	7.62	.07
90/03/12	22:50	03/13	08:23	61-00.7S	143-25.7	4148	3.7	-3.0	9.0	12.69	2.87	33.66	7.63	.06
90/03/12	22:55	03/13	08:28	61-00.7S	143-27.4	4093	3.7	-3.0	9.2	12.69	2.87	33.58	7.63	.05
90/03/12	23:00	03/13	08:33	61-00.7S	143-29.2	4174	3.7	-3.0	9.4	12.67	2.87	33.58	7.63	.05
90/03/12	23:05	03/13	08:39	61-00.6S	143-30.9	4365	3.7	-3.0	9.4	12.67	2.87	33.58	7.63	.05
90/03/12	23:10	03/13	08:44	61-00.6S	143-32.6	4273	3.7	-3.0	9.3	12.69	2.95	33.62	7.63	.08
90/03/12	23:15	03/13	08:49	61-00.4S	143-34.7	4274	3.7	-3.0	9.1	12.67	3.03	33.57	7.62	.06
90/03/12	23:20	03/13	08:54	61-00.4S	143-36.1	4300	3.7	-3.0	9.1	12.67	2.95	33.62	7.62	.06
90/03/12	23:25	03/13	08:59	61-00.3S	143-36.2	4253	3.7	-3.0	9.2	12.69	2.95	33.62	7.61	.06
90/03/12	23:30	03/13	09:04	61-00.2S	143-39.8	4169	3.7	-3.0	9.1	12.67	2.95	33.62	7.62	.06
90/03/12	23:35	03/13	09:09	61-00.2S	143-41.6	4039	3.7	-3.0	9.1	12.69	2.87	33.66	7.62	.06
90/03/12	23:40	03/13	09:14	61-00.2S	143-43.3	4082	3.7	-3.0	9.3	12.67	2.87	33.66	7.62	.06
90/03/12	23:45	03/13	09:19	61-00.1S	143-45.0	4146	3.7	-3.0	9.2	12.67	2.87	33.58	7.62	.07
90/03/12	23:50	03/13	09:25	60-59.8S	143-46.3	4106	3.7	-3.0	9.2	12.67	2.79	33.62	7.62	.07
90/03/12	23:55	03/13	09:30	60-59.8S	143-48.1	4106	3.7	-3.0	9.1	12.67	2.79	33.62	7.63	.06
90/03/13	00:00	03/13	09:35	60-59.7S	143-49.7	4049	3.7	-3.0	9.1	12.69	2.95	33.62	7.64	.07
90/03/13	00:05	03/13	09:40	60-59.6S	143-51.8	4082	3.7	-3.0	8.9	12.67	2.95	33.62	7.64	.06
90/03/13	00:10	03/13	09:45	60-59.6S	143-53.2	4062	3.8	-3.0	9.0	12.69	3.03	33.57	7.62	.06
90/03/13	00:15	03/13	09:50	60-59.6S	143-55.2	4051	3.8	-3.0	8.9	12.67	3.03	33.57	7.62	.06
90/03/13	00:20	03/13	09:55	60-59.5S	143-56.5	4047	3.8	-3.0	9.2	12.69	3.03	33.57	7.62	.06
90/03/13	00:25	03/13	10:00	60-59.5S	143-58.3	4012	3.8	-3.0	9.2	12.67	3.03	33.57	7.61	.06
90/03/13	00:30	03/13	10:06	60-59.5S	144-00.0	3960	3.8	-3.0	9.3	12.67	2.95	33.62	7.61	.08
90/03/13	00:35	03/13	10:11	60-59.5S	144-01.7	3953	3.8	-3.0	9.4	12.69	2.95	33.62	7.62	.06
90/03/13	00:40	03/13	10:16	60-59.1S	144-04.5	3945	3.8	-3.0	9.4	12.67	2.95	33.62	7.62	.05
90/03/13	00:45	03/13	10:21	60-59.1S	144-06.3	3889	3.8	-3.0	9.4	12.69	2.95	33.62	7.61	.06
90/03/13	00:50	03/13	10:26	60-59.1S	144-07.7	3831	3.8	-3.0	9.0	12.69	2.95	33.62	7.61	.05
90/03/13	00:55	03/13	10:31	60-59.1S	144-09.8	3856	3.8	-3.0	9.2	12.69	2.95	33.62	7.62	.05
90/03/13	01:00	03/13	10:36	60-59.0S	144-11.5	3905	3.9	-3.0	9.2	12.67	2.95	33.62	7.62	.05
90/03/13	01:05	03/13	10:41	60-59.1S	144-13.2	3930	3.9	-3.0	8.9	12.69	2.95	33.62	7.62	.05
90/03/13	01:10	03/13	10:46	60-59.0S	144-14.8	4298	3.9	-3.0	8.4	12.67	2.87	33.58	7.62	.05
90/03/13	01:15	03/13	10:52	60-59.0S	144-16.5	4493	3.9	-3.0	8.7	12.67	2.79	33.62	7.61	.04
90/03/13	01:20	03/13	10:57	60-59.0S	144-17.8	4369	4.0	-3.0	8.1	12.67	2.63	33.63	7.64	.04
90/03/13	01:25	03/13	11:02	60-59.0S	144-19.7	4253	4.0	-3.0	8.5	12.67	2.47	33.64	7.62	.04

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/13	01:30	03/13	11:07	60-59.0S	144-21.4	4249	4.1	-3.0	8.6	12.67	2.47	33.64	7.64	.04
90/03/13	01:35	03/13	11:12	60-59.0S	144-23.0	4317	4.2	-3.0	8.6	12.67	2.55	33.68	7.64	.04
90/03/13	01:40	03/13	11:17	60-59.0S	144-24.7	4252	4.1	-3.0	8.7	12.69	2.55	33.68	7.64	.04
90/03/13	01:45	03/13	11:22	60-59.0S	144-26.3	4253	4.1	-3.0	8.7	12.69	2.63	33.63	7.66	.04
90/03/13	01:50	03/13	11:27	60-59.0S	144-28.0	4175	4.1	-3.0	8.6	12.67	2.63	33.63	7.66	.05
90/03/13	01:55	03/13	11:32	60-59.0S	144-29.2	4217	4.1	-3.0	8.3	12.67	2.71	33.67	7.66	.05
90/03/13	02:00	03/13	11:38	60-59.0S	144-30.9	4129	4.1	-3.0	8.6	12.69	2.71	33.58	7.64	.05
90/03/13	02:05	03/13	11:43	60-58.4S	144-33.8	4159	4.1	-3.0	8.4	12.69	2.71	33.58	7.64	.05
90/03/13	02:10	03/13	11:48	60-58.5S	144-35.5	4105	4.1	-3.0	8.6	12.67	2.71	33.58	7.64	.04
90/03/13	02:15	03/13	11:53	60-58.6S	144-37.1	4224	4.1	-3.0	8.8	12.67	2.63	33.63	7.64	.05
90/03/13	02:20	03/13	11:58	60-58.6S	144-38.8	4309	4.1	-3.0	8.1	12.69	2.39	33.60	7.64	.06
90/03/13	02:25	03/13	12:03	60-58.7S	144-41.2	4297	4.1	-3.0	8.7	12.67	2.39	33.68	7.66	.05
90/03/13	02:30	03/13	12:08	60-58.7S	144-42.8	4188	4.1	-3.0	8.3	12.69	2.55	33.59	7.66	.04
90/03/13	02:35	03/13	12:13	60-58.7S	144-44.5	4034	4.1	-3.0	8.4	12.69	2.55	33.68	7.67	.05
90/03/13	02:40	03/13	12:19	60-58.6S	144-45.6	4144	4.0	-3.0	4.1	12.67	2.63	33.63	7.67	.05
90/03/13	02:45	03/13	12:24	60-58.5S	144-45.4	4082	4.1	-3.0	.1	12.67	2.55	33.68	7.70	.05
90/03/13	02:50	03/13	12:29	60-58.5S	144-45.7	4132	5.1	-3.0	.6	12.67	2.63	33.63	7.69	.05
90/03/13	02:55	03/13	12:34	60-58.6S	144-45.8	4055	4.4	-3.0	.5	12.87	2.63	33.63	7.69	.05
90/03/13	03:00	03/13	12:39	60-58.6S	144-46.0	4001	4.5	-3.0	.4	12.67	2.63	33.63	7.69	.05
90/03/13	03:05	03/13	12:44	60-58.6S	144-46.2	4030	4.5	-3.0	.5	12.69	2.55	33.68	7.69	.05
90/03/13	03:10	03/13	12:49	60-58.9S	144-46.7	4110	4.5	-3.0	.2	12.67	2.55	33.68	7.69	.05
90/03/13	03:15	03/13	12:54	60-59.0S	144-47.0	4139	4.4	-3.0	.3	12.67	2.55	33.68	7.69	.05
90/03/13	03:20	03/13	12:59	60-59.0S	144-47.2	4134	4.4	-3.0	.4	12.67	2.55	33.59	7.70	.05
90/03/13	03:25	03/13	13:04	60-59.0S	144-47.4	4147	4.5	-3.0	.3	12.67	2.55	33.59	7.69	.05
90/03/13	03:30	03/13	13:09	60-59.0S	144-47.6	4154	4.5	-3.0	.3	12.67	2.39	33.68	7.70	.05
90/03/13	03:35	03/13	13:14	60-59.4S	144-48.0	4187	4.5	-3.0	.2	12.67	2.39	33.68	7.70	.05
90/03/13	03:40	03/13	13:19	60-59.5S	144-48.2	4286	4.6	-3.0	.2	12.67	2.39	33.68	7.70	.05
90/03/13	03:45	03/13	13:24	60-59.5S	144-48.4	4270	4.7	-3.0	.2	12.67	2.39	33.68	7.71	.05
90/03/13	03:50	03/13	13:29	60-59.5S	144-48.6	4280	4.7	-3.0	.2	12.67	2.39	33.68	7.71	.05
90/03/13	03:55	03/13	13:34	60-59.6S	144-48.8	4293	4.6	-3.0	.4	12.67	2.39	33.60	7.70	.05
90/03/13	04:00	03/13	13:39	60-59.6S	144-49.0	4291	4.5	-3.0	.3	12.67	2.39	33.60	7.69	.05
90/03/13	04:05	03/13	13:44	60-59.6S	144-49.3	4301	4.4	-3.0	.4	12.67	2.39	33.60	7.71	.05
90/03/13	04:10	03/13	13:49	60-59.6S	144-49.4	4300	4.3	-3.0	.4	12.67	2.39	33.60	7.71	.05
90/03/13	04:15	03/13	13:54	60-59.7S	144-49.7	4306	4.3	-3.0	.4	12.67	2.39	33.60	7.70	.05
90/03/13	04:20	03/13	13:59	60-59.6S	144-49.9	4318	4.2	-3.0	.4	12.67	2.39	33.60	7.71	.05
90/03/13	04:25	03/13	14:04	60-59.6S	144-50.1	4326	4.3	-3.0	.2	12.67	2.47	33.64	7.70	.05
90/03/13	04:30	03/13	14:09	60-59.6S	144-50.3	4336	4.2	-3.0	.4	11.99	2.47	33.64	6.76	.05
90/03/13	04:35	03/13	14:14	60-59.6S	144-50.5	4346	4.3	-3.0	.5	11.05	2.55	33.68	7.49	.07
90/03/13	04:40	03/13	14:19	60-59.9S	144-50.7	4309	4.4	-3.0	.5	12.59	-76.81	15.45	-8.38	.06
90/03/13	04:45	03/13	14:24	60-59.9S	144-50.9	4313	4.3	-3.0	.4	12.62	-77.05	15.45	-8.42	.06
90/03/13	04:50	03/13	14:29	60-59.9S	144-51.1	4312	4.2	-3.0	.3	12.83	-69.57	15.46	-8.41	.05
90/03/13	04:55	03/13	14:34	61-00.0S	144-51.4	4310	4.3	-3.0	.3	12.62	-72.87	15.45	-8.42	.06
90/03/13	05:00	03/13	14:39	61-00.1S	144-51.5	4289	4.3	-3.0	.3	12.60	-77.29	15.45	-8.43	.11
90/03/13	05:05	03/13	14:44	61-00.1S	144-51.8	4261	4.3	-3.0	.3	12.59	2.39	33.66	7.67	.06
90/03/13	05:10	03/13	14:49	61-00.1S	144-52.0	4277	4.3	-3.0	.3	12.59	2.39	33.77	7.67	.06
90/03/13	05:15	03/13	14:54	61-00.1S	144-52.2	4221	4.4	-3.0	.4	12.60	2.39	33.68	7.68	.06
90/03/13	05:20	03/13	14:59	61-00.2S	144-52.4	4209	4.6	-3.0	.5	12.59	2.39	33.60	7.69	.06
90/03/13	05:25	03/13	15:04	61-00.2S	144-52.6	4211	4.5	-3.0	.3	12.60	2.39	33.60	7.69	.07
90/03/13	05:30	03/13	15:09	61-00.2S	144-52.9	4221	4.4	-3.0	.3	12.60	2.31	33.65	7.69	.07
90/03/13	05:35	03/13	15:14	61-00.3S	144-53.1	4210	4.2	-3.0	.2	12.60	2.31	33.65	7.69	.07
90/03/13	05:40	03/13	15:19	61-00.3S	144-53.3	4209	4.2	-3.0	.1	12.60	2.15	33.56	7.69	.11

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/13	06:45	03/13	15:24	61-00.3S	144-53.5	4202	4.2	-3.0	.2	12.80	2.16	33.56	7.71	.10
90/03/13	06:50	03/13	15:29	61-00.4S	144-53.7	4326	4.1	-3.0	.2	12.82	2.16	33.56	7.70	.10
90/03/13	06:55	03/13	15:34	61-00.4S	144-53.9	4207	4.0	-3.0	.2	12.82	2.16	33.56	7.71	.10
90/03/13	08:00	03/13	15:39	61-00.4S	144-54.2	4217	4.0	-3.0	.2	12.82	2.16	33.56	7.72	.10
90/03/13	08:05	03/13	15:44	61-00.4S	144-54.4	4289	4.0	-3.0	1.1	12.80	2.16	33.56	7.72	.11
90/03/13	08:10	03/13	15:49	61-00.8S	144-55.7	4209	4.0	-3.0	11.2	12.80	2.16	33.56	7.72	.12
90/03/13	08:15	03/13	15:54	61-00.8S	144-57.9	4239	3.7	-3.0	11.7	12.80	2.07	33.52	7.74	.17
90/03/13	08:20	03/13	16:00	61-00.7S	145-00.1	4324	3.5	-3.0	11.6	12.80	2.07	33.52	7.74	.21
90/03/13	08:25	03/13	16:05	61-02.4S	145-01.8	4335	3.6	-3.0	11.6	12.80	2.16	33.56	7.74	.08
90/03/13	08:30	03/13	16:10	61-02.5S	145-03.8	4344	3.5	-3.0	11.7	12.59	2.16	33.56	7.73	.10
90/03/13	08:35	03/13	16:15	61-02.5S	145-06.0	4231	3.4	-3.0	11.6	12.60	2.39	33.51	7.73	.07
90/03/13	08:40	03/13	16:20	61-02.5S	145-08.2	4304	3.4	-3.0	11.6	12.80	2.39	33.51	7.71	.07
90/03/13	08:45	03/13	16:25	61-02.5S	145-10.4	3835	3.3	-3.0	11.3	12.59	2.31	33.47	7.70	.07
90/03/13	08:50	03/13	16:30	61-02.1S	145-11.6	3848	3.3	-3.0	11.4	12.80	2.23	33.52	7.71	.12
90/03/13	08:55	03/13	16:35	61-02.0S	145-13.8	3796	3.0	-3.0	11.5	12.80	2.16	33.48	7.72	.19
90/03/13	07:00	03/13	16:41	61-02.0S	145-16.0	3912	2.8	-3.0	11.6	12.80	2.07	33.52	7.73	.21
90/03/13	07:05	03/13	16:46	61-02.0S	145-18.2	4194	2.8	-3.0	11.7	12.80	2.31	33.47	7.73	.08
90/03/13	07:10	03/13	16:51	61-01.8S	145-21.4	4093	3.1	-3.0	11.6	12.80	2.55	33.51	7.74	.07
90/03/13	07:15	03/13	16:56	61-01.8S	145-23.6	4071	3.1	-3.0	11.8	12.80	2.55	33.51	7.70	.07
90/03/13	07:20	03/13	17:01	61-01.6S	145-25.9	4156	3.1	-3.0	11.7	12.80	2.55	33.51	7.70	.07
90/03/13	07:25	03/13	17:06	61-01.4S	145-28.0	4183	3.1	-3.0	11.6	12.80	2.39	33.51	7.70	.08
90/03/13	07:30	03/13	17:12	61-01.4S	145-30.2	4162	3.1	-3.0	11.1	12.80	2.31	33.47	7.71	.10
90/03/13	07:35	03/13	17:17	61-01.4S	145-32.4	4193	3.1	-3.0	11.6	12.80	2.23	33.52	7.73	.15
90/03/13	07:40	03/13	17:22	61-01.3S	145-34.8	4177	3.1	-3.0	11.5	12.80	2.16	33.48	7.72	.13
90/03/13	07:45	03/13	17:27	61-01.3S	145-36.8	4202	3.1	-3.0	11.6	12.80	2.31	33.47	7.74	.08
90/03/13	07:50	03/13	17:32	61-01.3S	145-39.1	4197	3.1	-3.0	11.4	12.80	2.47	33.38	7.73	.07
90/03/13	07:55	03/13	17:37	61-01.2S	145-41.3	4286	3.1	-3.0	11.5	12.80	2.47	33.47	7.72	.07
90/03/13	08:00	03/13	17:42	61-01.2S	145-43.4	3953	3.1	-3.0	11.6	12.80	2.47	27.35	7.72	.07
90/03/13	08:05	03/13	17:46	61-01.1S	145-45.7	3741	3.0	-3.0	11.5	12.80	2.47	27.19	7.72	.08
90/03/13	08:10	03/13	17:53	61-00.5S	145-46.8	3944	3.0	-3.0	11.2	12.80	2.47	27.19	7.72	.08
90/03/13	08:15	03/13	17:58	61-00.5S	145-48.7	3800	3.1	-3.0	11.6	12.80	2.31	27.17	7.71	.08
90/03/13	08:20	03/13	18:03	61-00.4S	145-50.9	4225	3.1	-3.0	11.7	12.80	2.39	27.14	7.73	.08
90/03/13	08:25	03/13	18:08	61-00.4S	145-53.0	4351	3.1	-3.0	11.4	12.80	2.39	27.14	7.73	.08
90/03/13	08:30	03/13	18:13	61-00.3S	145-55.2	4396	3.1	-3.0	11.6	12.80	2.31	27.25	7.71	.08
90/03/13	08:35	03/13	18:18	61-00.2S	145-57.3	4399	3.1	-3.0	11.5	12.82	2.31	27.25	7.72	.08
90/03/13	08:40	03/13	18:24	61-00.1S	146-00.1	4394	3.1	-3.0	11.6	12.82	2.39	27.30	7.72	.07
90/03/13	08:45	03/13	18:29	61-00.1S	146-02.3	4215	3.1	-3.0	11.6	12.82	2.39	27.38	7.72	.07
90/03/13	08:50	03/13	18:34	61-00.1S	146-04.5	4051	3.0	-3.0	11.7	12.82	2.39	27.38	7.72	.08
90/03/13	08:55	03/13	18:39	61-00.1S	146-06.7	4099	3.0	-3.0	11.9	12.82	2.39	27.38	7.71	.07
90/03/13	09:00	03/13	18:44	61-00.1S	146-08.9	4067	3.0	-3.0	11.9	12.83	2.39	27.46	7.72	.07
90/03/13	09:05	03/13	18:49	61-00.1S	146-11.1	4205	3.0	-3.0	11.5	12.85	2.39	27.46	7.73	.07
90/03/13	09:10	03/13	18:54	61-00.2S	146-13.3	4173	3.0	-3.0	11.8	12.83	1.91	27.73	7.72	.08
90/03/13	09:15	03/13	19:00	61-00.2S	146-15.1	4003	3.0	-3.0	11.6	12.85	-77.37	15.45	-8.51	.08
90/03/13	09:20	03/13	19:05	61-00.2S	146-17.0	3951	3.0	-3.0	11.2	12.86	-76.97	15.45	-8.50	.08
90/03/13	09:25	03/13	19:10	61-00.2S	146-19.2	3941	2.9	-3.0	11.5	12.86	3.19	15.43	7.72	.08
90/03/13	09:30	03/13	19:15	61-00.2S	146-21.4	3901	2.9	-3.0	11.5	12.87	3.51	15.43	7.73	.08
90/03/13	09:35	03/13	19:20	61-00.2S	146-23.5	3904	2.9	-3.0	11.7	12.86	3.92	15.43	7.72	.08
90/03/13	09:40	03/13	19:25	61-00.3S	146-25.7	3927	2.9	-3.0	11.6	12.86	4.24	15.43	7.71	.08
90/03/13	09:45	03/13	19:30	61-00.2S	146-27.8	4008	2.9	-3.0	11.7	12.86	4.84	15.43	7.72	.08
90/03/13	09:50	03/13	19:35	61-00.2S	146-30.0	4016	3.0	-3.0	11.4	12.87	4.86	15.43	7.70	.08
90/03/13	09:55	03/13	19:41	61-00.2S	146-32.2	4003	3.0	-3.0	11.5	12.87	5.20	15.43	7.72	.08

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/13	10:00	03/13	19:46	61-00.1S	146-34.0	3963	2.9	-3.0	11.5	12.63	2.47	33.64	7.70	.09
90/03/13	10:06	03/13	19:51	61-00.1S	146-36.1	4042	2.9	-3.0	11.6	12.63	2.39	33.68	7.72	.08
90/03/13	10:10	03/13	19:56	61-00.0S	146-38.3	4188	2.9	-3.0	11.6	12.63	2.39	33.60	7.71	.08
90/03/13	10:16	03/13	20:01	61-00.0S	146-40.4	4165	2.9	-3.0	11.5	12.63	2.39	33.60	7.73	.08
90/03/13	10:20	03/13	20:06	61-00.0S	146-42.6	3863	2.9	-3.0	11.6	12.65	2.39	33.60	7.72	.08
90/03/13	10:25	03/13	20:11	61-00.1S	146-44.8	4049	2.9	-3.0	11.7	12.63	2.31	33.65	7.73	.08
90/03/13	10:30	03/13	20:17	61-00.1S	146-46.9	4098	2.9	-3.0	11.6	12.65	2.39	33.60	7.74	.08
90/03/13	10:36	03/13	20:22	61-00.1S	146-49.1	4005	2.9	-3.0	11.4	12.65	2.47	33.55	7.72	.08
90/03/13	10:40	03/13	20:27	61-00.1S	146-51.2	3799	2.9	-3.0	11.6	12.65	2.47	33.55	7.73	.08
90/03/13	10:45	03/13	20:32	61-00.1S	146-53.3	3837	2.9	-3.0	11.8	12.65	2.47	33.55	7.72	.08
90/03/13	10:50	03/13	20:37	61-00.1S	146-55.5	3854	2.8	-3.0	11.5	12.65	2.55	33.59	7.72	.08
90/03/13	10:55	03/13	20:42	61-00.1S	146-57.7	3895	2.8	-3.0	11.0	12.65	2.55	33.59	7.71	.08
90/03/13	11:00	03/13	20:47	61-00.1S	146-59.6	3875	2.8	-3.0	10.1	12.65	2.55	33.59	7.72	.08
90/03/13	11:05	03/13	20:53	61-00.1S	147-01.4	3819	2.8	-3.0	10.2	12.65	2.55	33.59	7.72	.09
90/03/13	11:10	03/13	20:58	61-00.1S	147-03.2	3853	2.8	-3.0	10.4	12.65	2.63	33.55	7.71	.09
90/03/13	11:15	03/13	21:03	61-00.1S	147-05.2	3810	2.8	-3.0	10.0	12.65	2.63	33.55	7.71	.09
90/03/13	11:20	03/13	21:08	60-59.8S	147-06.8	3944	2.8	-3.0	9.4	12.65	2.55	33.59	7.72	.09
90/03/13	11:25	03/13	21:13	60-59.4S	147-08.4	3911	2.8	-3.0	9.7	12.65	2.55	33.59	7.72	.09
90/03/13	11:30	03/13	21:18	60-59.0S	147-10.0	3894	2.8	-3.0	9.9	12.65	2.55	33.59	7.72	.09
90/03/13	11:35	03/13	21:23	60-58.6S	147-11.6	3894	2.8	-3.0	9.3	12.65	2.55	33.59	7.71	.09
90/03/13	11:40	03/13	21:28	60-58.2S	147-13.2	3924	2.8	-3.0	9.7	12.65	2.55	33.59	7.72	.09
90/03/13	11:45	03/13	21:33	60-57.8S	147-14.6	3904	2.8	-3.0	9.8	12.65	2.55	33.59	7.70	.09
90/03/13	11:50	03/13	21:39	60-57.2S	147-16.5	3867	2.8	-3.0	10.3	12.65	2.55	33.59	7.71	.09
90/03/13	11:55	03/13	21:44	60-56.8S	147-18.1	3865	2.8	-3.0	9.8	12.65	2.55	33.59	7.70	.09
90/03/13	12:00	03/13	21:49	60-56.5S	147-19.7	3903	2.8	-3.0	9.4	12.65	2.63	33.55	7.70	.09
90/03/13	12:05	03/13	21:54	60-56.5S	147-21.5	3861	2.8	-3.0	7.6	12.65	2.63	33.55	7.71	.09
90/03/13	12:10	03/13	21:59	60-56.5S	147-23.0	3873	2.7	-3.0	8.1	12.65	2.63	33.55	7.71	.09
90/03/13	12:15	03/13	22:04	60-56.5S	147-24.6	3908	2.7	-3.0	8.3	12.65	2.63	33.55	7.72	.09
90/03/13	12:20	03/13	22:09	60-56.5S	147-26.2	3827	2.7	-3.0	8.3	12.65	2.63	33.55	7.72	.09
90/03/13	12:25	03/13	22:14	60-56.5S	147-27.8	3835	2.7	-3.0	8.3	12.65	2.63	33.55	7.72	.09
90/03/13	12:30	03/13	22:19	60-56.3S	147-28.8	3834	2.7	-3.0	8.0	12.65	2.63	33.55	7.70	.09
90/03/13	12:35	03/13	22:25	60-56.3S	147-30.4	3835	2.7	-3.0	8.4	12.65	2.63	33.55	7.72	.09
90/03/13	12:40	03/13	22:30	60-56.3S	147-31.9	3836	2.7	-3.0	8.4	12.65	2.55	33.59	7.71	.10
90/03/13	12:45	03/13	22:35	60-56.3S	147-33.5	3862	2.7	-3.0	8.3	12.65	2.55	33.59	7.72	.10
90/03/13	12:50	03/13	22:40	60-56.6S	147-35.0	3829	2.6	-3.0	8.2	12.65	2.55	33.59	7.71	.10
90/03/13	12:55	03/13	22:45	60-56.6S	147-36.5	3780	2.6	-3.0	8.2	12.62	2.55	33.59	7.72	.10
90/03/13	13:00	03/13	22:50	60-56.6S	147-38.0	3826	2.6	-3.0	6.1	12.62	2.55	33.59	7.73	.10
90/03/13	13:05	03/13	22:55	60-56.7S	147-39.5	3835	2.6	-3.0	7.3	12.62	2.55	33.59	7.73	.12
90/03/13	13:10	03/13	23:00	60-56.7S	147-40.9	3746	2.6	-3.0	7.3	12.62	2.55	33.59	7.74	.14
90/03/13	13:15	03/13	23:05	60-56.7S	147-42.3	3661	2.6	-3.0	7.3	12.62	2.55	33.59	7.74	.13
90/03/13	13:20	03/13	23:10	60-56.7S	147-43.7	3668	2.6	-3.0	7.3	12.62	2.55	33.59	7.74	.12
90/03/13	13:25	03/13	23:16	60-56.7S	147-45.1	3696	2.6	-3.0	6.9	12.62	2.55	33.59	7.74	.14
90/03/13	13:30	03/13	23:21	60-56.7S	147-46.4	3669	2.6	-3.0	7.2	12.62	2.47	33.55	7.74	.16
90/03/13	13:35	03/13	23:26	60-56.8S	147-48.0	3639	2.6	-3.0	7.4	12.62	2.47	33.55	7.74	.17
90/03/13	13:40	03/13	23:31	60-56.8S	147-49.4	3610	2.6	-3.0	7.3	12.62	2.47	33.55	7.75	.16
90/03/13	13:45	03/13	23:36	60-56.9S	147-50.8	3617	2.6	-3.0	7.3	12.62	2.47	33.55	7.74	.12
90/03/13	13:50	03/13	23:41	60-56.9S	147-52.2	3628	2.5	-3.0	7.1	12.62	2.55	33.59	7.73	.13
90/03/13	13:55	03/13	23:46	60-56.9S	147-53.6	3261	2.5	-3.0	7.3	12.62	2.47	33.64	7.74	.19
90/03/13	14:00	03/13	23:51	60-56.9S	147-55.4	3073	2.5	-3.0	7.2	12.62	2.39	33.60	7.75	.23
90/03/13	14:05	03/13	23:56	60-56.9S	147-56.8	3141	2.5	-3.0	7.2	12.62	2.39	33.60	7.74	.21
90/03/13	14:10	03/14	00:01	60-57.0S	147-58.2	3164	2.5	-3.0	7.0	12.63	2.39	33.60	7.75	.19

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/13	14:15	03/14	00:06	60-57.1S	147-59.2	3109	2.5	-3.0	6.3	12.63	2.39	33.60	7.74	.19
90/03/13	14:20	03/14	00:12	60-57.1S	148-00.4	3109	2.5	-3.0	6.2	12.62	2.39	33.60	7.76	.21
90/03/13	14:25	03/14	00:17	60-57.1S	148-01.6	3184	2.4	-3.0	6.9	12.63	2.31	33.65	7.77	.23
90/03/13	14:30	03/14	00:22	60-57.1S	148-02.8	3189	2.4	-3.0	6.1	12.63	2.31	33.65	7.82	.22
90/03/13	14:35	03/14	00:27	60-57.2S	148-04.1	3199	2.2	-3.0	6.2	12.62	2.23	33.61	7.79	.22
90/03/13	14:40	03/14	00:32	60-57.2S	148-05.3	3336	2.3	-3.0	6.4	12.63	2.31	33.65	7.78	.20
90/03/13	14:45	03/14	00:37	60-57.2S	148-06.5	3440	2.1	-3.0	6.4	12.63	2.31	33.65	7.79	.21
90/03/13	14:50	03/14	00:42	60-57.2S	148-07.7	3368	2.0	-3.0	6.4	12.62	2.39	33.60	7.79	.21
90/03/13	14:55	03/14	00:47	60-57.2S	148-08.9	3531	1.9	-3.0	6.1	12.62	2.31	33.65	7.84	.22
90/03/13	15:00	03/14	00:52	60-57.2S	148-10.1	3631	1.8	-3.0	6.0	12.62	2.31	33.65	7.79	.24
90/03/13	15:05	03/14	00:57	60-57.2S	148-11.4	3619	1.7	-3.0	6.1	12.62	2.31	33.65	7.82	.24
90/03/13	15:10	03/14	01:02	60-57.4S	148-12.8	3725	1.6	-3.0	6.2	12.62	2.31	33.65	7.80	.25
90/03/13	15:15	03/14	01:07	60-57.4S	148-14.0	3738	1.4	-3.0	6.2	12.63	2.31	33.65	7.83	.23
90/03/13	15:20	03/14	01:13	60-57.4S	148-15.2	3425	1.7	-3.0	6.3	12.63	2.31	33.65	7.80	.25
90/03/13	15:25	03/14	01:18	60-57.4S	148-16.4	3402	1.3	-3.0	6.4	12.63	2.31	33.65	7.80	.27
90/03/13	15:30	03/14	01:23	60-57.4S	148-17.5	3631	1.3	-3.0	6.3	12.62	2.31	33.65	7.80	.28
90/03/13	15:35	03/14	01:28	60-57.6S	148-18.8	3772	1.3	-3.0	6.4	12.63	2.31	33.65	7.79	.29
90/03/13	15:40	03/14	01:33	60-57.6S	148-20.0	3826	1.3	-3.0	6.5	12.63	2.31	33.65	7.80	.29
90/03/13	15:45	03/14	01:38	60-57.6S	148-21.2	3792	1.3	-3.0	6.4	12.63	2.31	33.65	7.79	.30
90/03/13	15:50	03/14	01:43	60-57.6S	148-22.4	3806	1.3	-3.0	6.4	12.63	2.31	33.65	7.80	.31
90/03/13	15:55	03/14	01:48	60-57.6S	148-23.7	3816	1.2	-3.0	6.3	12.63	2.31	33.65	7.80	.29
90/03/13	16:00	03/14	01:53	60-57.6S	148-25.0	3762	1.2	-3.0	6.5	12.63	2.31	33.65	7.79	.26
90/03/13	16:05	03/14	01:58	60-57.7S	148-26.2	3845	1.2	-3.0	6.4	12.63	2.31	33.65	7.78	.24
90/03/13	16:10	03/14	02:03	60-57.8S	148-27.4	4009	1.1	-3.0	6.5	12.63	2.31	33.65	7.77	.25
90/03/13	16:15	03/14	02:08	60-57.8S	148-28.6	3846	1.1	-3.0	6.3	12.63	2.31	33.65	7.78	.28
90/03/13	16:20	03/14	02:13	60-58.0S	148-29.9	3816	1.1	-3.0	6.2	12.63	2.31	33.65	7.79	.28
90/03/13	16:25	03/14	02:19	60-58.1S	148-31.1	3876	1.1	-3.0	6.4	12.63	2.23	33.69	7.79	.29
90/03/13	16:30	03/14	02:24	60-58.3S	148-32.3	3937	1.2	-3.0	6.4	12.63	2.23	33.61	7.79	.27
90/03/13	16:35	03/14	02:29	60-58.4S	148-33.5	3868	1.2	-3.0	6.3	12.63	2.31	33.56	7.77	.26
90/03/13	16:40	03/14	02:34	60-58.6S	148-34.7	3875	1.2	-3.0	6.1	12.66	2.23	33.61	7.77	.28
90/03/13	16:45	03/14	02:39	60-58.6S	148-35.9	3876	1.2	-3.0	6.3	12.72	2.23	33.61	7.79	.30
90/03/13	16:50	03/14	02:44	60-58.7S	148-37.1	3863	1.2	-3.0	6.3	12.72	2.23	33.61	7.79	.31
90/03/13	16:55	03/14	02:49	60-58.8S	148-38.3	3860	1.2	-3.0	6.3	12.70	2.23	33.61	7.79	.30
90/03/13	17:00	03/14	02:54	60-59.3S	148-40.1	3888	1.2	-3.0	6.4	12.69	2.23	33.61	7.79	.32
90/03/13	17:05	03/14	02:59	60-59.6S	148-41.3	3918	1.2	-3.0	6.5	12.69	2.23	33.61	7.79	.32
90/03/13	17:10	03/14	03:04	60-59.6S	148-42.5	3906	1.2	-3.0	6.4	12.69	2.31	33.56	7.79	.32
90/03/13	17:15	03/14	03:09	60-59.7S	148-43.8	3694	1.2	-3.0	6.4	12.69	2.31	33.56	7.78	.30
90/03/13	17:20	03/14	03:15	60-59.8S	148-45.0	3997	1.2	-3.0	6.2	12.69	2.31	33.56	7.78	.30
90/03/13	17:25	03/14	03:20	60-59.9S	148-46.4	3964	1.3	-3.0	6.0	12.69	2.31	33.56	7.77	.28
90/03/13	17:30	03/14	03:25	61-00.0S	148-47.7	3972	1.3	-3.0	6.3	12.69	2.31	33.56	7.80	.27
90/03/13	17:35	03/14	03:30	61-00.0S	148-49.0	3980	1.3	-3.0	6.3	12.69	2.31	33.56	7.80	.26
90/03/13	17:40	03/14	03:35	61-00.1S	148-50.2	3905	1.3	-3.0	6.2	12.69	2.23	33.52	7.77	.25
90/03/13	17:45	03/14	03:40	61-00.1S	148-51.5	3902	1.4	-3.0	6.2	12.69	2.23	33.52	7.80	.21
90/03/13	17:50	03/14	03:45	61-00.1S	148-52.6	3968	1.4	-3.0	6.3	12.69	2.23	33.61	7.81	.19
90/03/13	17:55	03/14	03:50	61-00.1S	148-53.9	4002	1.4	-3.0	6.3	12.69	2.23	33.52	7.80	.22
90/03/13	18:00	03/14	03:55	61-00.1S	148-55.1	3943	1.4	-3.0	6.3	12.69	2.23	33.52	7.79	.23
90/03/13	18:05	03/14	04:00	61-00.2S	148-56.4	3958	1.4	-3.0	6.4	12.69	2.31	33.47	7.79	.22
90/03/13	18:10	03/14	04:05	61-00.2S	148-57.7	3918	1.4	-3.0	6.3	12.69	2.31	33.47	7.78	.23
90/03/13	18:15	03/14	04:10	61-00.3S	148-58.9	3940	1.4	-3.0	6.3	12.69	2.31	33.47	7.77	.23
90/03/13	18:20	03/14	04:16	61-00.4S	149-00.2	3926	1.4	-3.0	6.4	12.69	2.31	33.47	7.80	.26
90/03/13	18:25	03/14	04:21	61-00.5S	149-01.4	4016	1.4	-3.0	6.4	12.69	2.31	33.47	7.79	.31

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/13	18:30	03/14	04:26	61-00.7S	149-02.7	4048	1.4	-3.0	6.5	12.69	2.31	33.47	7.79	.31
90/03/13	18:35	03/14	04:31	61-00.8S	149-04.0	3983	1.4	-3.0	6.4	12.69	2.23	33.52	7.79	.31
90/03/13	18:40	03/14	04:36	61-00.9S	149-05.2	3851	1.5	-3.0	6.4	12.69	2.23	33.52	7.78	.31
90/03/13	18:45	03/14	04:41	61-00.8S	149-06.4	3796	1.5	-3.0	6.3	12.89	2.15	33.48	7.78	.32
90/03/13	18:50	03/14	04:48	61-00.8S	149-07.7	3631	1.4	-3.0	6.4	12.70	2.07	33.52	7.79	.31
90/03/13	18:55	03/14	04:51	61-01.0S	149-08.9	3075	1.4	-3.0	6.8	12.70	2.07	33.52	7.79	.29
90/03/13	19:00	03/14	04:56	61-01.1S	149-10.2	3054	1.5	-3.0	6.3	12.70	2.07	33.52	7.78	.27
90/03/13	19:05	03/14	05:01	61-01.2S	149-11.5	2819	1.5	-3.0	6.3	12.70	2.07	33.52	7.79	.27
90/03/13	19:10	03/14	05:08	61-01.3S	149-12.7	2684	1.5	-3.0	5.9	12.70	2.07	33.52	7.78	.28
90/03/13	19:15	03/14	05:11	61-01.3S	149-13.9	3527	1.5	-3.0	6.0	12.70	2.07	33.52	7.82	.29
90/03/13	19:20	03/14	05:17	61-01.3S	149-15.2	3651	1.5	-3.0	6.1	12.70	1.99	33.57	7.78	.28
90/03/13	19:25	03/14	05:22	61-01.3S	149-16.4	3849	1.7	-3.0	6.2	12.70	1.91	33.53	7.77	.18
90/03/13	19:30	03/14	05:27	61-01.3S	149-17.6	3475	1.8	-3.0	6.1	12.70	1.91	33.53	7.78	.15
90/03/13	19:35	03/14	05:32	61-01.3S	149-18.8	3539	1.9	-3.0	5.8	12.70	1.91	33.53	7.77	.14
90/03/13	19:40	03/14	05:37	61-01.2S	149-19.1	3614	1.9	-3.0	5.5	12.70	1.83	33.57	7.77	.15
90/03/13	19:45	03/14	05:42	61-01.2S	149-20.2	3598	2.1	-3.0	5.4	12.72	1.83	33.57	7.78	.15
90/03/13	19:50	03/14	05:47	61-01.2S	149-21.2	3551	2.2	-3.0	5.3	12.72	1.83	33.57	7.77	.16
90/03/13	19:55	03/14	05:52	61-01.2S	149-22.3	3543	1.7	-3.0	5.4	12.72	1.83	33.57	7.78	.16
90/03/13	20:00	03/14	05:57	61-01.2S	149-23.4	3800	1.7	-3.0	5.4	12.72	1.83	33.57	7.79	.16
90/03/13	20:05	03/14	06:02	61-01.3S	149-24.5	3596	1.8	-3.0	5.5	12.72	1.83	33.57	7.78	.15
90/03/13	20:10	03/14	06:07	61-01.3S	149-25.8	3589	1.9	-3.0	5.5	12.72	1.83	33.57	7.78	.14
90/03/13	20:15	03/14	06:12	61-01.3S	149-26.6	3518	1.9	-3.0	5.2	12.72	1.83	33.49	7.79	.14
90/03/13	20:20	03/14	06:17	61-01.3S	149-27.7	3463	1.9	-3.0	5.5	12.72	1.75	33.53	7.79	.14
90/03/13	20:25	03/14	06:22	61-01.3S	149-28.8	3436	1.9	-3.0	5.5	12.72	1.75	33.53	7.78	.15
90/03/13	20:30	03/14	06:27	61-01.3S	149-29.9	3435	2.0	-3.0	5.4	12.72	1.83	33.57	7.78	.16
90/03/13	20:35	03/14	06:33	61-00.9S	149-30.7	3407	2.1	-3.0	5.6	12.72	1.83	33.57	7.79	.16
90/03/13	20:40	03/14	06:38	61-00.9S	149-31.8	3406	2.1	-3.0	5.5	12.72	1.83	33.57	7.78	.16
90/03/13	20:45	03/14	06:43	61-00.9S	149-32.9	3400	2.1	-3.0	5.4	12.72	1.83	33.57	7.77	.15
90/03/13	20:50	03/14	06:48	61-00.9S	149-33.9	3423	2.1	-3.0	5.4	12.72	1.83	33.57	7.77	.14
90/03/13	20:55	03/14	06:53	61-00.9S	149-35.0	3455	2.2	-3.0	5.5	12.72	1.83	33.57	7.77	.14
90/03/13	21:00	03/14	06:58	61-00.9S	149-36.1	3522	2.9	-3.0	5.6	12.72	1.83	33.57	7.77	.13
90/03/13	21:05	03/14	07:03	61-00.8S	149-36.7	3540	2.4	-3.0	5.6	12.72	1.83	33.57	7.77	.13
90/03/13	21:10	03/14	07:08	61-00.8S	149-37.8	3582	2.3	-3.0	5.5	12.72	1.83	33.57	7.77	.14
90/03/13	21:15	03/14	07:13	61-00.8S	149-38.9	3610	2.1	-3.0	5.7	12.72	1.75	33.62	7.77	.14
90/03/13	21:20	03/14	07:18	61-00.7S	149-40.0	3643	2.1	-3.0	5.6	12.72	1.75	33.82	7.77	.14
90/03/13	21:25	03/14	07:23	61-00.7S	149-41.0	3704	2.0	-3.0	5.6	12.70	1.66	33.58	7.77	.13
90/03/13	21:30	03/14	07:28	61-00.7S	149-42.1	3773	2.0	-3.0	5.5	12.70	1.66	33.58	7.77	.13
90/03/13	21:35	03/14	07:33	61-00.7S	149-43.1	3914	2.0	-3.0	5.6	12.70	1.66	33.58	7.79	.14
90/03/13	21:40	03/14	07:38	61-00.7S	149-44.2	3974	2.0	-3.0	5.6	12.70	1.66	33.58	7.79	.13
90/03/13	21:45	03/14	07:44	61-00.6S	149-45.3	3867	2.0	-3.0	5.3	12.70	1.66	33.58	7.79	.14
90/03/13	21:50	03/14	07:49	61-00.6S	149-46.3	3851	2.0	-3.0	5.5	12.70	1.66	33.58	7.79	.14
90/03/13	21:55	03/14	07:54	61-00.6S	149-47.4	3795	1.9	-3.0	5.5	12.70	1.66	33.58	7.80	.14
90/03/13	22:00	03/14	07:59	61-00.6S	149-48.5	3782	1.9	-3.0	5.4	12.70	1.66	33.58	7.79	.13
90/03/13	22:05	03/14	08:04	61-00.6S	149-49.6	3546	1.9	-3.0	5.6	12.70	1.66	33.58	7.80	.13
90/03/13	22:10	03/14	08:09	61-00.5S	149-50.6	3490	1.9	-3.0	5.3	12.70	1.66	33.58	7.80	.13
90/03/13	22:15	03/14	08:14	61-00.5S	149-51.7	3539	1.9	-3.0	5.4	12.70	1.66	33.58	7.80	.11
90/03/13	22:20	03/14	08:19	61-00.5S	149-52.7	3472	1.8	-3.0	5.6	12.70	1.66	33.58	7.80	.11
90/03/13	22:25	03/14	08:24	61-00.5S	149-53.8	3492	1.8	-3.0	5.7	12.70	1.66	33.67	7.79	.10
90/03/13	22:30	03/14	08:29	61-00.5S	149-54.9	3634	1.8	-3.0	5.5	12.70	1.66	33.87	7.79	.10
90/03/13	22:35	03/14	08:34	61-00.5S	149-55.9	3623	1.8	-3.0	5.6	12.70	1.66	33.67	7.79	.10
90/03/13	22:40	03/14	08:39	61-00.5S	149-57.0	3557	1.8	-3.0	5.5	12.70	1.66	33.67	7.80	.10

GMT		LMT		Lat	Long	Depth	Atmp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[psu]	[ml/l]	[ug/l]
90/03/13	22:45	03/14	08:44	61-00.5S	149-58.1	3485	1.8	-3.0	5.5	12.70	1.66	33.68	7.77	.08
90/03/13	22:50	03/14	08:49	61-00.5S	149-59.1	3485	1.8	-3.0	5.6	12.70	1.66	33.68	7.77	.08
90/03/13	22:55	03/14	08:54	61-00.3S	149-58.6	3512	1.8	-3.0	5.9	12.70	1.66	33.68	7.79	.09
90/03/13	23:00	03/14	08:59	61-00.2S	149-59.9	3437	1.8	-3.0	7.9	12.70	1.66	33.68	7.79	.09
90/03/13	23:05	03/14	09:05	60-59.8S	150-00.2	3295	2.0	-3.0	7.5	12.70	1.68	33.63	7.79	.09
90/03/13	23:10	03/14	09:10	60-59.1S	150-00.2	3155	2.2	-3.0	7.7	12.70	1.68	33.63	7.79	.09
90/03/13	23:15	03/14	09:15	60-58.4S	150-00.2	3272	2.5	-3.0	7.9	12.70	1.68	33.63	7.79	.08
90/03/13	23:20	03/14	09:19	60-57.4S	149-59.9	3589	2.5	-3.0	7.7	12.70	1.68	33.63	7.79	.08
90/03/13	23:25	03/14	09:24	60-56.8S	149-60.0	3502	2.7	-3.0	7.7	12.70	1.68	33.63	7.80	.08
90/03/13	23:30	03/14	09:30	60-55.9S	150-00.1	3338	3.2	-3.0	8.4	12.70	1.68	33.63	7.79	.08
90/03/13	23:35	03/14	09:35	60-55.2S	150-00.1	3201	3.1	-3.0	8.2	12.70	1.66	33.67	7.79	.07
90/03/13	23:40	03/14	09:40	60-54.5S	150-00.2	2856	2.9	-3.0	8.3	12.70	1.75	33.62	7.80	.08
90/03/13	23:45	03/14	09:45	60-53.8S	150-00.2	3270	2.7	-3.0	8.1	12.69	1.75	33.71	7.80	.08
90/03/13	23:50	03/14	09:50	60-53.0S	150-00.3	3180	2.6	-3.0	8.3	12.70	1.75	33.71	7.79	.08
90/03/13	23:55	03/14	09:55	60-52.3S	150-00.4	3214	2.6	-3.0	8.4	12.70	1.75	33.71	7.79	.09
90/03/14	00:00	03/14	10:00	60-51.8S	150-00.4	3066	2.7	-3.0	8.0	12.70	1.83	33.66	7.79	.09
90/03/14	00:05	03/14	10:05	60-50.9S	150-00.5	2937	2.5	-3.0	8.2	12.70	1.83	33.66	7.79	.10
90/03/14	00:10	03/14	10:10	60-50.2S	150-00.5	3252	2.3	-3.0	7.9	12.70	1.83	33.66	7.79	.10
90/03/14	00:15	03/14	10:14	60-49.1S	149-59.2	3246	2.3	-3.0	8.2	12.70	1.83	33.66	7.79	.10
90/03/14	00:20	03/14	10:19	60-48.4S	149-59.2	3299	2.2	-3.0	8.0	12.70	1.83	33.66	7.80	.11
90/03/14	00:25	03/14	10:24	60-47.7S	149-59.2	3329	2.2	-3.0	8.5	12.70	1.83	33.66	7.80	.12
90/03/14	00:30	03/14	10:29	60-46.9S	149-59.2	3624	2.2	-3.0	8.4	12.70	1.83	33.66	7.80	.12
90/03/14	00:35	03/14	10:34	60-46.2S	149-59.2	3569	2.2	-3.0	8.0	12.70	1.83	33.66	7.80	.13
90/03/14	00:40	03/14	10:39	60-45.5S	149-59.2	3526	2.2	-3.0	8.2	12.70	1.83	33.66	7.79	.13
90/03/14	00:45	03/14	10:44	60-44.8S	149-59.2	3512	2.2	-3.0	7.8	12.70	1.83	33.66	7.79	.14
90/03/14	00:50	03/14	10:49	60-44.1S	149-59.2	3306	2.2	-3.0	8.1	12.69	1.83	33.66	7.81	.12
90/03/14	00:55	03/14	10:54	60-43.3S	149-59.2	3514	2.2	-3.0	8.2	12.70	1.83	33.66	7.80	.11
90/03/14	01:00	03/14	10:59	60-42.7S	149-59.3	3488	2.2	-3.0	7.9	12.70	1.83	33.66	7.80	.09
90/03/14	01:05	03/14	11:04	60-41.9S	149-59.2	3399	2.3	-3.0	7.5	12.70	1.83	33.66	7.80	.08
90/03/14	01:10	03/14	11:09	60-40.7S	149-59.4	3427	2.4	-3.0	7.8	12.70	1.83	33.66	7.80	.09
90/03/14	01:15	03/14	11:14	60-40.0S	149-59.4	3548	2.5	-3.0	7.4	12.70	1.91	33.62	7.80	.08
90/03/14	01:20	03/14	11:19	60-39.4S	149-59.5	3596	2.5	-3.0	7.4	12.70	1.91	33.70	7.80	.09
90/03/14	01:25	03/14	11:24	60-38.7S	149-59.5	3762	2.5	-3.0	7.5	12.70	1.83	33.66	7.83	.10
90/03/14	01:30	03/14	11:29	60-38.0S	149-59.5	3907	2.5	-3.0	7.4	12.70	1.83	33.66	7.80	.10
90/03/14	01:35	03/14	11:34	60-37.3S	149-59.5	3788	2.5	-3.0	7.0	12.70	1.83	33.66	7.81	.10
90/03/14	01:40	03/14	11:39	60-36.7S	149-59.5	3746	2.6	-3.0	7.4	12.70	1.83	33.66	7.82	.10
90/03/14	01:45	03/14	11:44	60-35.9S	149-59.5	3793	2.6	-3.0	6.9	12.70	1.83	33.66	7.80	.09
90/03/14	01:50	03/14	11:49	60-35.3S	149-59.5	3656	2.6	-3.0	7.3	12.70	1.83	33.66	7.82	.09
90/03/14	01:55	03/14	11:54	60-34.6S	149-59.5	3772	2.6	-3.0	7.1	12.70	1.83	33.66	7.82	.10
90/03/14	02:00	03/14	11:59	60-33.9S	149-59.5	3757	2.7	-3.0	7.8	12.70	1.83	33.66	7.82	.09
90/03/14	02:05	03/14	12:04	60-33.2S	149-59.5	3621	2.8	-3.0	7.5	12.70	1.75	33.71	7.80	.09
90/03/14	02:10	03/14	12:09	60-32.5S	149-59.5	3503	2.8	-3.0	7.5	12.70	1.75	33.71	7.81	.09
90/03/14	02:15	03/14	12:14	60-31.9S	149-59.5	3487	2.8	-3.0	7.2	12.70	1.83	33.66	7.80	.07
90/03/14	02:20	03/14	12:19	60-31.2S	149-59.5	3556	2.8	-3.0	7.1	12.70	1.83	33.66	7.84	.07
90/03/14	02:25	03/14	12:24	60-30.5S	149-59.5	3246	2.9	-3.0	7.0	12.70	1.83	33.66	7.84	.07
90/03/14	02:30	03/14	12:29	60-29.9S	149-59.5	3353	2.9	-3.0	7.1	12.70	1.83	33.66	7.82	.07
90/03/14	02:35	03/14	12:34	60-29.2S	149-59.5	3445	2.9	-3.0	7.3	12.70	1.83	33.75	7.82	.07
90/03/14	02:40	03/14	12:39	60-28.5S	149-59.5	3195	2.9	-3.0	7.1	12.70	1.83	33.75	7.83	.07
90/03/14	02:45	03/14	12:44	60-28.1S	149-59.2	3348	3.1	-3.0	3.5	12.70	1.83	33.66	7.81	.08
90/03/14	02:50	03/14	12:49	60-28.1S	149-59.2	3385	3.6	-3.0	.8	12.70	1.83	33.66	7.82	.08
90/03/14	02:55	03/14	12:54	60-28.1S	149-59.3	3261	3.9	-3.0	.7	12.70	1.83	33.66	7.80	.09

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/14	03:00	03/14	12:59	60-28.1S	149-59.3	3199	3.6	-3.0	.7	12.70	1.83	33.66	7.80	.08
90/03/14	03:05	03/14	13:04	60-28.1S	149-59.3	3142	3.6	-3.0	.8	12.70	1.83	33.66	7.79	.10
90/03/14	03:10	03/14	13:09	60-28.1S	149-59.3	3145	3.6	-3.0	.7	12.70	1.83	33.66	7.80	.10
90/03/14	03:15	03/14	13:14	60-28.0S	149-59.3	3215	3.6	-3.0	.6	12.70	1.83	33.66	7.80	.10
90/03/14	03:20	03/14	13:19	60-28.0S	149-59.3	3348	3.6	-3.0	.6	12.70	1.83	33.66	7.79	.10
90/03/14	03:25	03/14	13:24	60-28.0S	149-59.3	3411	3.6	-3.0	.6	12.70	1.76	33.71	7.79	.10
90/03/14	03:30	03/14	13:29	60-28.0S	149-59.3	3431	3.6	-3.0	.4	12.70	1.83	33.66	7.79	.09
90/03/14	03:35	03/14	13:34	60-28.0S	149-59.3	3456	3.7	-3.0	.6	12.70	1.83	33.66	7.79	.10
90/03/14	03:40	03/14	13:39	60-27.9S	149-59.3	3404	3.7	-3.0	.6	12.70	1.83	33.66	7.78	.11
90/03/14	03:45	03/14	13:44	60-27.9S	149-59.3	3387	3.8	-3.0	.7	12.70	1.83	33.66	7.79	.11
90/03/14	03:50	03/14	13:49	60-27.9S	149-59.2	3355	3.8	-3.0	.8	12.70	1.83	33.66	7.78	.11
90/03/14	03:55	03/14	13:54	60-27.9S	149-59.3	3330	3.8	-3.0	.8	12.70	1.83	33.66	7.77	.11
90/03/14	04:00	03/14	13:59	60-27.8S	149-59.3	3314	3.9	-3.0	.7	12.70	1.75	33.71	7.77	.11
90/03/14	04:05	03/14	14:05	60-29.2S	150-00.8	3322	3.7	-3.0	.7	12.70	1.75	33.71	7.77	.10
90/03/14	04:10	03/14	14:10	60-29.3S	150-00.8	3370	3.7	-3.0	.6	12.70	1.75	33.71	7.75	.10
90/03/14	04:15	03/14	14:15	60-29.3S	150-00.9	3539	3.7	-3.0	.7	12.70	1.75	33.71	7.77	.11
90/03/14	04:20	03/14	14:20	60-29.3S	150-01.0	3472	3.6	-3.0	.9	12.70	1.75	33.71	7.77	.12
90/03/14	04:25	03/14	14:25	60-29.4S	150-01.0	3437	3.6	-3.0	.8	12.69	1.75	33.71	7.76	.13
90/03/14	04:30	03/14	14:30	60-29.5S	150-01.1	3431	3.7	-3.0	.7	12.70	1.75	33.71	7.77	.14
90/03/14	04:35	03/14	14:35	60-29.6S	150-01.9	3427	3.8	-3.0	.7	12.70	1.75	33.71	7.75	.14
90/03/14	04:40	03/14	14:40	60-29.6S	150-02.0	3393	3.8	-3.0	.7	12.70	1.75	33.71	7.76	.15
90/03/14	04:45	03/14	14:45	60-29.9S	150-02.0	3359	3.7	-3.0	.8	12.70	1.75	33.71	7.75	.16
90/03/14	04:50	03/14	14:50	60-29.9S	150-02.2	3278	3.7	-3.0	.8	12.70	1.75	33.71	7.75	.16
90/03/14	04:55	03/14	14:55	60-30.0S	150-02.2	3259	3.6	-3.0	.8	12.70	1.75	33.71	7.75	.14
90/03/14	05:00	03/14	15:00	60-30.1S	150-02.3	3281	3.6	-3.0	.9	12.70	1.83	33.66	7.75	.14
90/03/14	05:05	03/14	15:05	60-30.6S	150-02.3	3280	3.4	-3.0	.8	12.70	1.83	33.66	7.75	.15
90/03/14	05:10	03/14	15:10	60-30.7S	150-02.4	3248	3.3	-3.0	.8	12.70	1.83	33.66	7.75	.15
90/03/14	05:15	03/14	15:15	60-30.6S	150-02.5	3238	3.3	-3.0	.8	12.70	1.83	33.66	7.75	.15
90/03/14	05:20	03/14	15:20	60-30.6S	150-02.6	3221	3.7	-3.0	.9	12.70	1.83	33.66	7.75	.16
90/03/14	05:25	03/14	15:25	60-30.9S	150-02.7	3219	3.3	-3.0	.8	12.70	1.83	33.66	7.75	.16
90/03/14	05:30	03/14	15:30	60-31.0S	150-02.8	3222	3.2	-3.0	.7	12.70	1.83	33.75	7.75	.18
90/03/14	05:35	03/14	15:35	60-31.0S	150-02.9	3220	3.2	-3.0	.7	12.70	1.83	33.75	7.75	.18
90/03/14	05:40	03/14	15:40	60-31.1S	150-03.0	3255	3.2	-3.0	.8	12.70	1.83	33.75	7.75	.18
90/03/14	05:45	03/14	15:45	60-31.2S	150-03.1	3121	3.2	-3.0	.7	12.70	1.83	33.75	7.75	.19
90/03/14	05:50	03/14	15:50	60-31.3S	150-03.2	3127	3.3	-3.0	.7	12.70	1.83	33.75	7.74	.18
90/03/14	05:55	03/14	15:55	60-31.3S	150-03.3	3150	3.3	-3.0	.8	12.70	1.83	33.75	7.74	.17
90/03/14	06:00	03/14	16:00	60-31.4S	150-03.4	3081	3.4	-3.0	.7	12.70	1.83	33.75	7.74	.17
90/03/14	06:05	03/14	16:05	60-31.5S	150-03.5	2992	3.5	-3.0	.9	12.70	1.83	33.75	7.74	.17
90/03/14	06:10	03/14	16:10	60-31.6S	150-03.7	2972	3.5	-3.0	.8	12.70	1.83	33.75	7.74	.16
90/03/14	06:15	03/14	16:15	60-31.6S	150-03.8	3049	3.6	-3.0	.8	12.70	1.83	33.75	7.73	.16
90/03/14	06:20	03/14	16:20	60-31.7S	150-03.8	3049	3.6	-3.0	.9	12.70	1.83	33.75	7.74	.16
90/03/14	06:25	03/14	16:25	60-31.6S	150-07.8	2978	3.5	-3.0	.9	12.70	1.83	33.75	7.74	.17
90/03/14	06:30	03/14	16:30	60-31.7S	150-08.0	2942	3.6	-3.0	.9	12.70	1.83	33.75	7.73	.16
90/03/14	06:35	03/14	16:35	60-31.6S	150-08.3	2973	3.6	-3.0	.9	12.70	1.83	33.75	7.73	.18
90/03/14	06:40	03/14	16:40	60-31.9S	150-08.6	2979	3.6	-3.0	.9	12.70	1.83	33.75	7.74	.18
90/03/14	06:45	03/14	16:45	60-32.0S	150-09.1	3016	3.8	-3.0	3.6	12.70	1.83	33.75	7.74	.18
90/03/14	06:50	03/14	16:50	60-31.7S	150-10.0	3026	3.3	-3.0	5.9	12.69	1.83	33.75	7.75	.17
90/03/14	06:55	03/14	16:55	60-31.1S	150-10.2	2999	3.0	-3.0	7.2	12.69	1.83	33.75	7.80	.18
90/03/14	07:00	03/14	17:00	60-30.5S	150-10.1	2914	2.9	-3.0	7.1	12.69	1.83	33.75	7.76	.18
90/03/14	07:05	03/14	17:05	60-29.9S	150-09.7	2967	2.9	-3.0	9.5	12.69	1.83	33.75	7.78	.18
90/03/14	07:10	03/14	17:10	60-29.2S	150-09.0	3102	2.8	-3.0	10.5	12.69	1.83	33.75	7.76	.18

GMT		LMT		Lat	Long	Depth [m]	Atemp [°C]	Wtemp [°C]	Speed [kt]	Flow [l/m]	Wtemp [°C]	Sal [ppt]	Do [ml/l]	Chl [ug/l]
Date	Time	Date	Time											
90/03/14	07:15	03/14	17:15	60-28.4S	150-08.4	3038	2.8	-3.0	10.1	12.89	1.83	33.75	7.75	.18
90/03/14	07:20	03/14	17:20	60-27.7S	150-07.9	2896	2.8	-3.0	10.6	12.89	1.83	33.75	7.75	.19
90/03/14	07:25	03/14	17:25	60-26.9S	150-07.2	3036	2.8	-3.0	10.6	12.89	1.83	33.75	7.74	.20
90/03/14	07:30	03/14	17:30	60-26.2S	150-06.6	2945	2.7	-3.0	10.3	12.89	1.75	33.79	7.73	.19
90/03/14	07:35	03/14	17:35	60-25.4S	150-06.0	2967	2.7	-3.0	10.5	12.70	1.75	33.71	7.73	.17
90/03/14	07:40	03/14	17:40	60-22.9S	150-04.1	2977	2.7	-3.0	10.2	12.89	1.75	33.79	7.74	.18
90/03/14	07:45	03/14	17:45	60-22.0S	150-03.8	2916	2.7	-3.0	13.6	12.89	1.75	33.79	7.74	.18
90/03/14	07:50	03/14	17:50	60-20.8S	150-03.7	2936	2.7	-3.0	13.8	12.89	1.75	33.79	7.74	.17
90/03/14	07:55	03/14	17:55	60-19.8S	150-03.5	2586	2.7	-3.0	13.1	12.89	1.75	33.79	7.74	.17
90/03/14	08:00	03/14	18:00	60-18.4S	150-03.4	0	2.7	-3.0	13.8	12.89	1.75	33.79	7.75	.18
90/03/14	08:05	03/14	18:05	60-17.2S	150-03.2	2816	2.7	-3.0	13.7	12.63	1.75	33.79	7.74	.17
90/03/14	08:10	03/14	18:10	60-16.0S	150-03.1	3227	2.7	-3.0	13.9	12.63	1.83	33.75	7.74	.16
90/03/14	08:15	03/14	18:15	60-14.7S	150-01.0	2892	2.8	-3.0	13.9	12.63	1.83	33.75	7.75	.16
90/03/14	08:20	03/14	18:20	60-13.6S	150-00.7	3181	2.7	-3.0	13.9	12.63	1.83	33.75	7.74	.15
90/03/14	08:25	03/14	18:25	60-12.3S	150-00.5	3373	2.7	-3.0	13.9	12.65	1.83	33.75	7.74	.15
90/03/14	08:30	03/14	18:30	60-11.1S	150-00.2	3338	2.7	-3.0	13.8	12.63	1.83	33.75	7.75	.16
90/03/14	08:35	03/14	18:34	60-09.7S	149-59.8	3236	2.7	-3.0	13.7	12.63	1.83	33.75	7.75	.16
90/03/14	08:40	03/14	18:39	60-08.4S	149-59.9	3015	2.7	-3.0	14.0	12.65	1.83	33.75	7.74	.15
90/03/14	08:45	03/14	18:45	60-07.1S	150-00.0	2967	2.7	-3.0	13.9	12.63	1.83	33.75	7.74	.15
90/03/14	08:50	03/14	18:50	60-05.9S	150-00.2	2578	2.7	-3.0	13.9	12.65	1.83	33.75	7.74	.15
90/03/14	08:55	03/14	18:55	60-04.7S	150-00.3	3350	2.7	-3.0	14.2	12.63	1.83	33.75	7.74	.15
90/03/14	09:00	03/14	19:00	60-03.6S	150-00.4	3343	2.6	-3.0	14.2	12.63	1.83	33.75	7.75	.17
90/03/14	09:05	03/14	19:05	60-02.2S	150-00.5	3531	2.6	-3.0	13.7	12.63	1.83	33.75	7.75	.17
90/03/14	09:10	03/14	19:10	60-01.0S	150-00.7	2597	2.6	-3.0	14.2	12.63	1.83	33.75	7.75	.17
90/03/14	09:15	03/14	19:15	59-59.8S	150-00.8	3204	2.6	-3.0	13.9	12.63	1.75	33.79	7.74	.18
90/03/14	09:20	03/14	19:20	59-58.5S	150-01.0	3113	2.6	-3.0	13.9	12.63	1.83	33.75	7.76	.17
90/03/14	09:25	03/14	19:25	59-57.2S	150-01.1	3259	2.7	-3.0	13.9	12.63	1.83	33.75	7.75	.18
90/03/14	09:30	03/14	19:30	59-56.0S	150-01.3	3025	2.7	-3.0	14.2	12.63	1.75	33.71	7.75	.17
90/03/14	09:35	03/14	19:34	59-54.4S	149-59.0	3090	2.6	-3.0	0.0	12.65	1.83	33.75	7.76	.17
90/03/14	09:40	03/14	19:39	59-53.2S	149-59.0	2899	2.6	-3.0	13.9	12.65	1.75	33.71	7.75	.15
90/03/14	09:45	03/14	19:44	59-52.0S	149-59.0	2589	2.6	-3.0	13.8	12.65	1.75	33.71	7.76	.15
90/03/14	09:50	03/14	19:49	59-50.7S	149-59.1	2390	2.6	-3.0	14.0	12.65	1.75	33.71	7.77	.14
90/03/14	09:55	03/14	19:54	59-49.4S	149-59.2	2961	2.6	-3.0	14.1	12.65	1.65	33.76	7.77	.14
90/03/14	10:00	03/14	19:59	59-48.1S	149-59.2	2781	2.7	-3.0	14.2	12.65	1.75	33.71	7.77	.14
90/03/14	10:05	03/14	20:04	59-46.9S	149-59.2	2915	2.7	-3.0	14.0	12.65	1.65	33.67	7.77	.12
90/03/14	10:10	03/14	20:09	59-45.8S	149-59.3	2871	2.7	-3.0	14.2	12.65	1.65	33.67	7.77	.13
90/03/14	10:15	03/14	20:14	59-44.3S	149-59.3	2866	2.8	-3.0	14.0	12.65	1.65	33.76	7.80	.14
90/03/14	10:20	03/14	20:19	59-43.1S	149-59.4	2016	2.8	-3.0	14.1	12.65	1.75	33.71	7.80	.16
90/03/14	10:25	03/14	20:24	59-41.8S	149-59.5	2756	2.9	-3.0	14.5	12.65	1.75	33.71	7.79	.15
90/03/14	10:30	03/14	20:29	59-40.6S	149-59.7	2646	3.0	-3.0	14.1	12.65	1.65	33.75	7.79	.15
90/03/14	10:35	03/14	20:34	59-39.3S	149-59.9	2534	3.0	-3.0	14.2	12.65	1.65	33.76	7.79	.15
90/03/14	10:40	03/14	20:40	59-38.0S	150-00.1	2788	3.0	-3.0	14.2	12.65	1.65	33.78	7.80	.15
90/03/14	10:45	03/14	20:45	59-36.7S	150-00.2	2833	2.8	-3.0	14.3	12.65	1.65	33.76	7.80	.15
90/03/14	10:50	03/14	20:50	59-35.5S	150-00.4	3091	2.7	-3.0	14.4	12.65	1.58	33.71	7.80	.13
90/03/14	10:55	03/14	20:55	59-34.1S	150-00.6	3079	2.7	-3.0	14.4	12.65	1.65	33.67	7.80	.12
90/03/14	11:00	03/14	21:00	59-32.9S	150-00.7	2704	2.7	-3.0	14.0	12.65	1.58	33.71	7.79	.13
90/03/14	11:05	03/14	21:05	59-31.7S	150-00.7	2753	2.6	-3.0	12.7	12.65	1.58	33.71	7.80	.13
90/03/14	11:10	03/14	21:10	59-30.6S	150-00.7	2535	2.5	-3.0	13.0	12.65	1.58	33.71	7.79	.13
90/03/14	11:15	03/14	21:15	59-29.6S	150-00.8	2513	2.3	-3.0	12.2	12.65	1.58	33.63	7.79	.14
90/03/14	11:20	03/14	21:20	59-28.3S	150-00.8	2425	2.3	-3.0	12.9	12.65	1.58	33.71	7.80	.13
90/03/14	11:25	03/14	21:25	59-26.8S	150-00.9	2573	2.2	-3.0	12.9	12.65	1.58	33.71	7.80	.13

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[m]/[l]	[ug/l]
90/03/14	11:30	03/14	21:30	59-25.4S	150-01.0	2462	2.1	-3.0	12.8	12.65	1.58	33.71	7.79	.13
90/03/14	11:35	03/14	21:35	59-24.2S	150-01.0	2020	2.2	-3.0	12.8	12.65	1.58	33.71	7.82	.13
90/03/14	11:40	03/14	21:40	59-23.0S	150-01.0	2494	2.3	-3.0	12.6	12.65	1.58	33.71	7.82	.13
90/03/14	11:45	03/14	21:45	59-21.8S	150-01.1	2372	2.4	-3.0	12.5	12.65	1.86	33.67	7.82	.13
90/03/14	11:50	03/14	21:50	59-20.7S	150-01.1	2517	2.5	-3.0	12.6	12.65	1.66	33.67	7.82	.13
90/03/14	11:55	03/14	21:55	59-19.6S	150-01.0	2674	2.7	-3.0	12.8	12.65	1.66	33.67	7.82	.13
90/03/14	12:00	03/14	22:00	59-18.4S	150-00.8	2689	2.9	-3.0	12.9	12.65	1.66	33.67	7.82	.13
90/03/14	12:05	03/14	22:05	59-17.2S	150-00.7	2639	2.6	-3.0	12.8	12.65	1.66	33.67	7.82	.13
90/03/14	12:10	03/14	22:10	59-16.1S	150-00.6	2613	2.4	-3.0	11.3	12.65	1.66	33.67	7.82	.13
90/03/14	12:15	03/14	22:15	59-15.1S	150-00.5	2762	2.1	-3.0	11.4	12.65	1.66	33.67	7.82	.13
90/03/14	12:20	03/14	22:20	59-14.0S	150-00.3	2721	1.8	-3.0	11.2	12.65	1.66	33.67	7.83	.13
90/03/14	12:25	03/14	22:25	59-13.0S	150-00.2	2632	1.6	-3.0	11.2	12.66	1.86	33.67	7.82	.13
90/03/14	12:30	03/14	22:30	59-11.9S	150-00.2	2707	1.5	-3.0	11.3	12.65	1.66	33.67	7.82	.14
90/03/14	12:35	03/14	22:35	59-10.9S	150-00.2	2648	1.2	-3.0	11.1	12.65	1.66	33.76	7.82	.13
90/03/14	12:40	03/14	22:40	59-09.8S	150-00.2	2803	1.0	-3.0	11.3	12.72	1.75	33.71	7.82	.12
90/03/14	12:45	03/14	22:45	59-08.8S	150-00.2	2630	.8	-3.0	11.6	12.69	1.75	33.71	7.82	.12
90/03/14	12:50	03/14	22:50	59-07.7S	150-00.2	2648	.7	-3.0	11.7	12.69	1.66	33.76	7.81	.13
90/03/14	12:55	03/14	22:55	59-06.7S	150-00.2	2913	.6	-3.0	11.5	12.66	1.75	33.71	7.81	.12
90/03/14	13:00	03/14	23:00	59-05.6S	150-00.3	2695	.6	-3.0	11.5	12.65	1.75	33.71	7.80	.12
90/03/14	13:05	03/14	23:05	59-04.5S	150-00.4	2793	.6	-3.0	11.6	12.66	1.83	33.75	7.80	.12
90/03/14	13:10	03/14	23:09	59-03.7S	149-59.0	3050	.6	-3.0	11.4	12.65	1.75	33.71	7.80	.12
90/03/14	13:15	03/14	23:14	59-02.6S	149-59.0	3017	.8	-3.0	11.6	12.65	1.66	33.76	7.80	.12
90/03/14	13:20	03/14	23:19	59-01.5S	149-59.0	3059	.8	-3.0	11.5	12.65	1.75	33.79	7.80	.11
90/03/14	13:25	03/14	23:24	59-00.4S	149-59.0	2943	.8	-3.0	11.0	12.65	1.75	33.71	7.80	.12
90/03/14	13:30	03/14	23:29	58-59.6S	149-59.2	3105	1.1	-3.0	11.5	12.65	1.75	33.71	7.80	.12
90/03/14	13:35	03/14	23:34	58-58.6S	149-59.2	3172	1.4	-3.0	11.2	12.65	1.75	33.71	7.80	.12
90/03/14	13:40	03/14	23:39	58-57.5S	149-59.2	3245	1.6	-3.0	11.5	12.65	1.66	33.76	7.80	.13
90/03/14	13:45	03/14	23:44	58-56.5S	149-59.2	3267	1.8	-3.0	11.1	12.65	1.66	33.76	7.80	.12
90/03/14	13:50	03/14	23:49	58-55.4S	149-58.8	3195	1.9	-3.0	11.2	12.65	1.75	33.71	7.81	.12
90/03/14	13:55	03/14	23:54	58-54.4S	149-58.8	3395	1.8	-3.0	11.5	12.65	1.75	33.79	7.82	.12
90/03/14	14:00	03/14	23:59	58-53.3S	149-58.8	3313	1.8	-3.0	11.4	12.65	1.83	33.75	7.80	.12
90/03/14	14:05	03/15	00:04	58-52.2S	149-58.7	3414	1.8	-3.0	11.7	12.65	1.75	33.79	7.79	.12
90/03/14	14:10	03/15	00:09	58-51.2S	149-58.7	3546	1.8	-3.0	11.7	12.65	1.83	33.75	7.80	.12
90/03/14	14:15	03/15	00:14	58-50.1S	149-58.7	3453	1.8	-3.0	11.7	12.65	2.07	33.78	7.81	.13
90/03/14	14:20	03/15	00:19	58-49.0S	149-58.7	3661	1.8	-3.0	12.0	12.65	2.47	33.81	7.82	.14
90/03/14	14:25	03/15	00:24	58-47.9S	149-58.7	3604	1.8	-3.0	11.9	12.65	2.47	33.81	7.79	.14
90/03/14	14:30	03/15	00:29	58-46.9S	149-58.7	3483	1.9	-3.0	11.7	12.65	2.55	33.76	7.77	.14
90/03/14	14:35	03/15	00:34	58-45.8S	149-58.7	3505	2.1	-3.0	11.7	12.65	2.55	33.76	7.77	.14
90/03/14	14:40	03/15	00:39	58-44.8S	149-58.7	3481	2.4	-3.0	11.3	12.65	2.47	33.81	7.75	.14
90/03/14	14:45	03/15	00:44	58-43.7S	149-58.7	3383	2.6	-3.0	10.9	12.65	2.47	33.72	7.77	.14
90/03/14	14:50	03/15	00:49	58-42.7S	149-58.7	3189	2.7	-3.0	11.0	12.63	2.47	33.72	7.77	.10
90/03/14	14:55	03/15	00:54	58-41.6S	149-58.7	3223	2.7	-3.0	10.8	12.65	2.55	33.76	7.76	.10
90/03/14	15:00	03/15	00:59	58-40.7S	149-58.6	3229	2.8	-3.0	10.8	12.63	2.47	33.72	7.76	.10
90/03/14	15:05	03/15	01:04	58-39.7S	149-58.6	3380	2.8	-3.0	10.9	12.65	2.39	33.77	7.76	.10
90/03/14	15:10	03/15	01:09	58-38.6S	149-58.6	3103	2.9	-3.0	10.9	12.63	2.47	33.72	7.76	.10
90/03/14	15:15	03/15	01:14	58-37.7S	149-58.6	3164	2.9	-3.0	10.8	12.63	2.55	33.76	7.77	.10
90/03/14	15:20	03/15	01:19	58-36.7S	149-58.6	3041	3.0	-3.0	10.9	12.65	2.47	33.81	7.75	.10
90/03/14	15:25	03/15	01:24	58-35.6S	149-58.6	3155	3.0	-3.0	10.9	12.63	2.47	33.72	7.75	.10
90/03/14	15:30	03/15	01:29	58-34.7S	149-58.6	3339	3.0	-3.0	10.9	12.63	2.39	33.77	7.75	.10
90/03/14	15:35	03/15	01:34	58-33.6S	149-58.6	2948	3.1	-3.0	10.9	12.62	2.55	33.76	7.75	.10
90/03/14	15:40	03/15	01:39	58-33.6S	149-58.2	3059	3.1	-3.0	11.0	12.62	2.71	33.76	7.77	.09

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/14	15:45	03/15	01:44	58-32.8S	149-58.1	2545	3.1	-3.0	11.2	12.82	2.63	33.80	7.77	.10
90/03/14	15:50	03/15	01:49	58-31.9S	149-58.1	3007	3.2	-3.0	10.9	12.82	2.55	33.76	7.75	.10
90/03/14	15:55	03/15	01:54	58-30.9S	149-58.1	2882	3.3	-3.0	10.8	12.83	3.11	33.78	7.79	.11
90/03/14	16:00	03/15	01:59	58-29.9S	149-58.1	3216	3.3	-3.0	10.8	12.82	3.35	33.73	7.78	.11
90/03/14	16:05	03/15	02:04	58-29.0S	149-58.1	3273	3.4	-3.0	10.8	12.83	3.19	33.73	7.75	.11
90/03/14	16:10	03/15	02:09	58-28.0S	149-58.1	3123	3.5	-3.0	11.8	12.83	3.27	33.77	7.74	.11
90/03/14	16:15	03/15	02:14	58-28.8S	149-58.1	3230	3.5	-3.0	11.8	12.83	3.27	33.77	7.74	.10
90/03/14	16:20	03/15	02:19	58-28.2S	149-58.3	3347	3.7	-3.0	11.8	12.83	3.35	33.73	7.73	.12
90/03/14	16:25	03/15	02:24	58-25.2S	149-58.3	2394	3.7	-3.0	11.5	12.83	3.35	33.73	7.73	.11
90/03/14	16:30	03/15	02:29	58-24.2S	149-58.3	2012	3.8	-3.0	11.6	12.83	3.19	33.82	7.72	.11
90/03/14	16:35	03/15	02:34	58-23.2S	149-58.3	3300	3.8	-3.0	11.4	12.83	3.11	33.78	7.71	.09
90/03/14	16:40	03/15	02:39	58-22.1S	149-58.4	3184	3.9	-3.0	11.7	12.83	3.27	33.77	7.72	.12
90/03/14	16:45	03/15	02:44	58-21.2S	149-58.4	2716	3.9	-3.0	11.5	12.83	3.67	33.79	7.74	.14
90/03/14	16:50	03/15	02:49	58-20.2S	149-58.4	1527	3.9	-3.0	11.1	12.83	4.00	33.70	7.72	.15
90/03/14	16:55	03/15	02:54	58-19.2S	149-58.4	1787	3.8	-3.0	11.0	12.83	4.08	33.73	7.70	.15
90/03/14	17:00	03/15	02:59	58-18.5S	149-58.1	1205	3.7	-3.0	11.4	12.83	3.87	33.79	7.67	.14
90/03/14	17:05	03/15	03:04	58-17.4S	149-58.1	3201	3.7	-3.0	13.1	12.83	4.00	33.70	7.69	.15
90/03/14	17:10	03/15	03:09	58-18.3S	149-58.2	2702	3.7	-3.0	12.6	12.86	4.08	33.73	7.69	.15
90/03/14	17:15	03/15	03:14	58-15.2S	149-58.2	3129	3.8	-3.0	12.6	12.86	4.16	33.77	7.69	.16
90/03/14	17:20	03/15	03:19	58-14.1S	149-58.3	2859	3.8	-3.0	12.7	12.86	4.32	33.68	7.67	.17
90/03/14	17:25	03/15	03:24	58-13.3S	149-58.9	3023	3.8	-3.0	12.8	12.86	4.24	33.73	7.66	.16
90/03/14	17:30	03/15	03:29	58-12.2S	149-59.0	3111	3.8	-3.0	12.9	12.87	4.32	33.68	7.66	.17
90/03/14	17:35	03/15	03:34	58-11.2S	149-59.0	2118	3.8	-3.0	11.3	12.87	4.32	33.76	7.66	.17
90/03/14	17:40	03/15	03:39	58-10.2S	149-59.1	2792	3.8	-3.0	11.1	12.87	4.32	33.76	7.65	.17
90/03/14	17:45	03/15	03:44	58-09.3S	149-59.2	3000	3.8	-3.0	10.9	12.89	4.32	33.76	7.64	.17
90/03/14	17:50	03/15	03:49	58-08.3S	149-59.3	3097	3.9	-3.0	10.6	12.87	4.32	33.76	7.64	.17
90/03/14	17:55	03/15	03:54	58-07.4S	149-59.3	2932	4.0	-3.0	10.6	12.89	4.32	33.76	7.63	.17
90/03/14	18:00	03/15	03:59	58-06.5S	149-59.4	3096	4.1	-3.0	10.8	12.70	4.32	33.76	7.64	.17
90/03/14	18:05	03/15	04:04	58-05.6S	149-59.5	2982	4.2	-3.0	10.5	12.72	4.32	33.76	7.64	.17
90/03/14	18:10	03/15	04:09	58-04.9S	149-58.2	3434	4.2	-3.0	10.8	12.72	4.32	33.76	7.64	.17
90/03/14	18:15	03/15	04:14	58-04.0S	149-58.3	3160	4.3	-3.0	10.5	12.73	4.32	33.76	7.83	.17
90/03/14	18:20	03/15	04:19	58-03.1S	149-58.3	3395	4.3	-3.0	10.4	12.73	4.32	33.76	7.83	.17
90/03/14	18:25	03/15	04:24	58-02.2S	149-58.3	3123	4.4	-3.0	10.5	12.73	4.32	33.76	7.83	.17
90/03/14	18:30	03/15	04:29	58-01.3S	149-58.3	3256	4.5	-3.0	10.5	12.73	4.32	33.76	7.64	.17
90/03/14	18:35	03/15	04:34	58-00.4S	149-58.3	3234	4.5	-3.0	10.8	12.73	4.32	33.76	7.83	.17
90/03/14	18:40	03/15	04:39	57-59.5S	149-58.3	3203	4.6	-3.0	10.5	12.75	4.32	33.76	7.64	.16
90/03/14	18:45	03/15	04:44	57-58.6S	149-58.3	3059	4.6	-3.0	10.7	12.76	4.32	33.68	7.83	.17
90/03/14	18:50	03/15	04:49	57-57.3S	149-58.1	3197	4.7	-3.0	10.8	12.76	4.32	33.68	7.83	.17
90/03/14	18:55	03/15	04:54	57-56.4S	149-58.1	3232	4.7	-3.0	10.3	12.78	4.24	33.73	7.83	.17
90/03/14	19:00	03/15	04:59	57-55.5S	149-58.1	3112	4.8	-3.0	10.4	12.76	4.24	33.73	7.64	.17
90/03/14	19:05	03/15	05:04	57-54.6S	149-58.1	3147	4.8	-3.0	10.6	12.78	4.24	33.73	7.64	.17
90/03/14	19:10	03/15	05:09	57-53.6S	149-58.1	3150	4.8	-3.0	10.9	12.78	4.16	33.77	7.64	.18
90/03/14	19:15	03/15	05:14	57-52.6S	149-57.5	3219	4.9	-3.0	10.7	12.78	4.08	33.73	7.66	.16
90/03/14	19:20	03/15	05:19	57-51.8S	149-57.4	3207	4.9	-3.0	10.3	12.78	4.00	33.70	7.68	.18
90/03/14	19:25	03/15	05:24	57-50.8S	149-57.4	3228	5.1	-3.0	10.8	12.78	4.16	33.77	7.66	.18
90/03/14	19:30	03/15	05:29	57-49.8S	149-57.4	3309	5.1	-3.0	11.0	12.79	4.40	33.72	7.66	.17
90/03/14	19:35	03/15	05:34	57-49.0S	149-57.3	3222	5.2	-3.0	11.1	12.79	4.40	33.72	7.65	.16
90/03/14	19:40	03/15	05:39	57-48.1S	149-57.2	3286	5.3	-3.0	11.1	12.78	4.24	33.73	7.64	.17
90/03/14	19:45	03/15	05:44	57-47.1S	149-57.2	3381	5.4	-3.0	11.1	12.79	4.16	33.89	7.66	.17
90/03/14	19:50	03/15	05:49	57-46.1S	149-57.1	3410	5.5	-3.0	11.4	12.80	4.24	33.73	7.64	.17
90/03/14	19:55	03/15	05:54	57-45.2S	149-57.1	3380	5.6	-3.0	10.8	12.80	4.40	33.72	7.65	.18

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/14	20:00	03/15	05:59	57-44.3S	149-57.0	3518	5.6	-3.0	10.5	12.60	4.48	33.76	7.64	.18
90/03/14	20:05	03/15	08:04	57-43.3S	149-57.0	3459	5.6	-3.0	10.8	12.60	4.48	33.76	7.62	.17
90/03/14	20:10	03/15	08:09	57-42.2S	149-57.1	3344	5.6	-3.0	14.2	12.60	4.48	33.87	7.62	.17
90/03/14	20:15	03/15	08:14	57-41.4S	149-58.3	3379	5.6	-3.0	14.1	12.60	4.56	33.71	7.64	.18
90/03/14	20:20	03/15	06:19	57-40.2S	149-58.5	3296	5.6	-3.0	14.2	12.79	4.56	33.71	7.63	.17
90/03/14	20:25	03/15	08:24	57-39.0S	149-58.7	3180	5.7	-3.0	14.3	12.82	4.64	33.67	7.62	.17
90/03/14	20:30	03/15	06:29	57-37.8S	149-58.8	3167	5.8	-3.0	14.1	12.60	4.56	33.71	7.61	.17
90/03/14	20:35	03/15	08:34	57-36.6S	149-59.0	3351	5.8	-3.0	14.1	12.79	4.48	33.67	7.61	.17
90/03/14	20:40	03/15	08:40	57-35.3S	150-00.1	3308	5.6	-3.0	13.8	12.79	4.40	33.72	7.59	.17
90/03/14	20:45	03/15	08:45	57-34.1S	150-00.3	3308	5.5	-3.0	14.0	12.79	4.40	33.72	7.80	.17
90/03/14	20:50	03/15	08:50	57-32.9S	150-00.5	3280	5.3	-3.0	13.9	12.79	4.48	33.67	7.61	.18
90/03/14	20:55	03/15	06:55	57-31.7S	150-00.5	3238	5.2	-3.0	14.1	12.79	4.48	33.67	7.59	.18
90/03/14	21:00	03/15	07:00	57-30.5S	150-00.5	3252	5.1	-3.0	14.1	12.78	4.48	33.87	7.80	.18
90/03/14	21:05	03/15	07:05	57-29.0S	150-01.1	3368	4.8	-3.0	14.0	12.78	4.48	33.67	7.59	.18
90/03/14	21:10	03/15	07:10	57-27.8S	150-01.2	3251	4.7	-3.0	13.8	12.78	4.48	33.67	7.60	.18
90/03/14	21:15	03/15	07:15	57-26.6S	150-01.2	3288	4.7	-3.0	11.3	12.78	4.40	33.72	7.59	.17
90/03/14	21:20	03/15	07:20	57-25.7S	150-01.2	3328	4.7	-3.0	11.2	12.78	4.40	33.72	7.61	.18
90/03/14	21:25	03/15	07:25	57-24.7S	150-01.2	3386	4.7	-3.0	11.2	12.78	4.40	33.72	7.61	.18
90/03/14	21:30	03/15	07:30	57-23.8S	150-01.2	3280	4.7	-3.0	11.3	12.78	4.40	33.72	7.61	.17
90/03/14	21:35	03/15	07:35	57-22.8S	150-01.2	3276	4.7	-3.0	10.7	12.78	4.48	33.67	7.62	.18
90/03/14	21:40	03/15	07:40	57-21.8S	150-01.2	3338	4.7	-3.0	11.1	12.78	4.48	33.67	7.62	.17
90/03/14	21:45	03/15	07:45	57-20.9S	150-01.2	3322	4.7	-3.0	10.8	12.78	4.48	33.67	7.62	.17
90/03/14	21:50	03/15	07:50	57-19.9S	150-01.1	3644	4.7	-3.0	11.1	12.78	4.48	33.67	7.61	.15
90/03/14	21:55	03/15	07:55	57-19.0S	150-01.0	3485	4.7	-3.0	10.9	12.76	4.40	33.72	7.61	.15
90/03/14	22:00	03/15	08:00	57-18.0S	150-00.8	3448	4.7	-3.0	11.2	12.78	4.48	33.67	7.62	.15
90/03/14	22:05	03/15	08:05	57-17.1S	150-00.7	3285	4.7	-3.0	10.9	12.76	4.48	33.67	7.62	.17
90/03/14	22:10	03/15	08:10	57-16.1S	150-00.5	3190	4.7	-3.0	10.7	12.76	4.48	33.67	7.62	.14
90/03/14	22:15	03/15	08:15	57-15.2S	150-00.4	3133	4.7	-3.0	11.0	12.76	4.40	33.72	7.62	.12
90/03/14	22:20	03/15	08:20	57-14.3S	150-00.3	3486	4.7	-3.0	10.8	12.76	4.40	33.72	7.62	.14
90/03/14	22:25	03/15	08:25	57-13.3S	150-00.2	3469	4.7	-3.0	10.2	12.76	4.40	33.72	7.62	.16
90/03/14	22:30	03/15	08:30	57-11.6S	150-00.7	3470	4.7	-3.0	10.9	12.75	4.40	33.72	7.62	.15
90/03/14	22:35	03/15	08:35	57-10.6S	150-00.6	3613	4.7	-3.0	11.3	12.76	4.40	33.72	7.62	.16
90/03/14	22:40	03/15	08:40	57-09.6S	150-00.6	3500	4.7	-3.0	10.9	12.75	4.40	33.72	7.62	.13
90/03/14	22:45	03/15	08:45	57-08.6S	150-00.6	3458	4.7	-3.0	11.4	12.75	4.40	33.72	7.62	.11
90/03/14	22:50	03/15	08:50	57-07.6S	150-00.6	3454	4.7	-3.0	11.0	12.75	4.48	33.67	7.62	.10
90/03/14	22:55	03/15	08:55	57-06.1S	150-00.7	3357	4.8	-3.0	11.1	12.75	4.48	33.76	7.64	.10
90/03/14	23:00	03/15	09:00	57-05.2S	150-00.7	3442	4.8	-3.0	10.9	12.75	4.56	33.71	7.62	.10
90/03/14	23:05	03/15	09:05	57-04.2S	150-00.6	3441	4.8	-3.0	11.0	12.75	4.56	33.71	7.62	.09
90/03/14	23:10	03/15	09:10	57-03.2S	150-00.6	3428	4.8	-3.0	10.9	12.75	4.56	33.71	7.62	.09
90/03/14	23:15	03/15	09:15	57-02.2S	150-00.6	3514	4.9	-3.0	11.2	12.75	4.56	33.71	7.61	.09
90/03/14	23:20	03/15	09:20	57-01.1S	150-00.5	3509	4.9	-3.0	11.0	12.75	4.56	33.71	7.62	.09
90/03/14	23:25	03/15	09:25	57-00.1S	150-00.5	3309	4.9	-3.0	11.3	12.75	4.56	33.71	7.62	.10
90/03/14	23:30	03/15	09:30	56-59.1S	150-00.5	3312	4.9	-3.0	11.0	12.75	4.48	33.76	7.61	.10
90/03/14	23:35	03/15	09:35	56-58.1S	150-00.5	3427	5.0	-3.0	11.2	12.75	4.48	33.76	7.61	.10
90/03/14	23:40	03/15	09:40	56-57.1S	150-00.5	3440	5.0	-3.0	11.2	12.75	4.48	33.67	7.61	.10
90/03/14	23:45	03/15	09:45	56-56.1S	150-00.5	3499	5.0	-3.0	10.8	12.75	4.56	33.71	7.61	.11
90/03/14	23:50	03/15	09:50	56-54.7S	150-00.3	3406	5.0	-3.0	11.4	12.75	4.56	33.71	7.61	.13
90/03/14	23:55	03/15	09:55	56-53.6S	150-00.3	3387	5.0	-3.0	11.1	12.75	4.48	33.76	7.60	.10
90/03/15	00:00	03/15	10:00	56-52.6S	150-00.3	3404	5.3	-3.0	11.1	12.75	4.48	33.67	7.59	.11
90/03/15	00:05	03/15	10:05	56-51.6S	150-00.2	3495	5.3	-3.0	10.9	12.75	4.48	33.67	7.59	.11
90/03/15	00:10	03/15	10:10	56-50.6S	150-00.2	3493	5.3	-3.0	11.1	12.75	4.72	33.70	7.59	.11

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chi
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/15	00:15	03/15	10:15	56-49.5S	150-00.2	3457	5.3	-3.0	11.1	12.75	4.80	33.74	7.58	.10
90/03/15	00:20	03/15	10:20	56-48.5S	150-00.2	3396	5.4	-3.0	11.2	12.75	4.80	33.74	7.58	.10
90/03/15	00:25	03/15	10:25	56-47.5S	150-00.1	3416	5.4	-3.0	10.9	12.75	4.86	33.73	7.60	.09
90/03/15	00:30	03/15	10:30	56-46.4S	150-00.1	3443	5.5	-3.0	10.7	12.75	5.12	33.72	7.59	.08
90/03/15	00:35	03/15	10:35	56-45.4S	150-00.1	3423	5.5	-3.0	11.2	12.75	5.12	33.72	7.57	.08
90/03/15	00:40	03/15	10:40	56-44.4S	150-00.1	3420	5.5	-3.0	10.8	12.75	5.12	33.64	7.57	.08
90/03/15	00:45	03/15	10:45	56-43.4S	150-00.1	3377	5.5	-3.0	10.9	12.75	5.04	33.68	7.57	.08
90/03/15	00:50	03/15	10:50	56-42.4S	150-00.0	3438	5.5	-3.0	10.8	12.75	4.72	33.70	7.57	.08
90/03/15	00:55	03/15	10:55	56-41.4S	150-00.0	3381	5.6	-3.0	11.3	12.75	4.72	33.70	7.59	.08
90/03/15	01:00	03/15	11:00	56-40.4S	150-00.0	3431	5.6	-3.0	10.9	12.75	4.72	33.70	7.59	.08
90/03/15	01:05	03/15	11:05	56-39.4S	150-00.0	3503	5.6	-3.0	10.2	12.75	4.72	33.70	7.59	.07
90/03/15	01:10	03/15	11:10	56-38.3S	150-00.1	3531	5.6	-3.0	10.8	12.75	4.84	33.74	7.61	.07
90/03/15	01:15	03/15	11:15	56-37.4S	150-00.1	3518	5.6	-3.0	10.6	12.75	4.58	33.71	7.61	.07
90/03/15	01:20	03/15	11:20	56-36.4S	150-00.1	3505	5.6	-3.0	10.8	12.73	4.48	33.76	7.61	.07
90/03/15	01:25	03/15	11:24	56-36.2S	149-58.6	3464	5.6	-3.0	11.0	12.73	4.48	33.76	7.62	.07
90/03/15	01:30	03/15	11:29	56-35.2S	149-58.5	3560	5.7	-3.0	11.1	12.73	4.48	33.76	7.62	.07
90/03/15	01:35	03/15	11:34	56-34.3S	149-58.4	3551	5.8	-3.0	11.0	12.75	4.48	33.76	7.62	.07
90/03/15	01:40	03/15	11:39	56-33.3S	149-58.3	3538	5.9	-3.0	10.9	12.73	4.40	33.72	7.61	.08
90/03/15	01:45	03/15	11:44	56-32.6S	149-57.7	3418	5.9	-3.0	8.6	12.75	4.48	33.76	7.62	.08
90/03/15	01:50	03/15	11:49	56-32.7S	149-57.4	3440	6.3	-3.0	.4	12.75	4.56	33.71	7.65	.07
90/03/15	01:55	03/15	11:54	56-32.6S	149-57.2	3472	6.2	-3.0	.6	12.76	4.48	33.76	7.66	.09
90/03/15	02:00	03/15	11:59	56-32.6S	149-57.1	3523	6.5	-3.0	.2	12.75	4.56	33.71	7.63	.08
90/03/15	02:05	03/15	12:04	56-32.6S	149-57.0	3599	6.7	-3.0	.4	12.75	4.56	33.71	7.62	.08
90/03/15	02:10	03/15	12:09	56-32.6S	149-56.9	3570	6.9	-3.0	.6	12.75	4.56	33.71	7.62	.08
90/03/15	02:15	03/15	12:14	56-32.5S	149-56.8	3542	6.6	-3.0	.7	12.76	4.56	33.71	7.62	.08
90/03/15	02:20	03/15	12:19	56-32.5S	149-56.6	3525	6.5	-3.0	.8	12.75	4.56	33.71	7.61	.08
90/03/15	02:25	03/15	12:24	56-32.5S	149-56.5	3518	6.5	-3.0	.9	12.76	4.56	33.71	7.61	.08
90/03/15	02:30	03/15	12:29	56-34.3S	149-56.2	3522	6.3	-3.0	.9	12.75	4.56	33.71	7.61	.08
90/03/15	02:35	03/15	12:34	56-34.4S	149-55.1	3531	6.2	-3.0	.8	12.75	4.56	33.71	7.60	.09
90/03/15	02:40	03/15	12:39	56-34.4S	149-55.0	3543	6.2	-3.0	.8	12.75	4.56	33.71	7.59	.08
90/03/15	02:45	03/15	12:44	56-34.5S	149-54.8	3554	6.2	-3.0	.9	12.75	4.48	33.76	7.59	.08
90/03/15	02:50	03/15	12:49	56-34.6S	149-54.8	3559	5.4	-3.0	.8	12.75	4.48	33.76	7.57	.08
90/03/15	02:55	03/15	12:54	56-34.7S	149-56.7	3572	5.5	-3.0	.9	12.75	4.48	33.76	7.58	.09
90/03/15	03:00	03/15	12:59	56-34.7S	149-56.6	3596	5.5	-3.0	.9	12.75	4.48	33.76	7.58	.09
90/03/15	03:05	03/15	13:04	56-34.8S	149-56.6	3570	5.6	-3.0	.9	12.75	4.48	33.76	7.58	.09
90/03/15	03:10	03/15	13:09	56-34.8S	149-56.5	3530	5.7	-3.0	.7	12.75	4.48	33.76	7.57	.09
90/03/15	03:15	03/15	13:14	56-35.0S	149-56.5	3497	5.9	-3.0	.7	12.75	4.48	33.76	7.57	.09
90/03/15	03:20	03/15	13:19	56-35.0S	149-56.5	3479	5.7	-3.0	.5	12.75	4.48	33.76	7.57	.09
90/03/15	03:25	03/15	13:24	56-35.0S	149-56.4	3469	5.7	-3.0	.6	12.75	4.48	33.76	7.56	.09
90/03/15	03:30	03/15	13:29	56-35.2S	149-56.3	3467	5.8	-3.0	.9	12.75	4.48	33.76	7.57	.08
90/03/15	03:35	03/15	13:34	56-35.2S	149-56.3	3468	5.7	-3.0	.8	12.75	4.48	33.76	7.57	.09
90/03/15	03:40	03/15	13:39	56-35.3S	149-56.3	3475	5.6	-3.0	.7	12.75	4.56	33.71	7.56	.09
90/03/15	03:45	03/15	13:44	56-35.3S	149-56.2	3470	5.5	-3.0	.6	12.73	4.48	33.76	7.56	.09
90/03/15	03:50	03/15	13:49	56-35.4S	149-56.2	3474	5.5	-3.0	.7	12.73	4.56	33.71	7.56	.09
90/03/15	03:55	03/15	13:54	56-35.5S	149-56.2	3490	5.5	-3.0	.8	12.73	4.56	33.71	7.56	.09
90/03/15	04:00	03/15	13:59	56-35.5S	149-56.1	3522	5.4	-3.0	.8	12.73	4.56	33.71	7.56	.09
90/03/15	04:05	03/15	14:04	56-35.6S	149-56.1	3544	5.4	-3.0	.8	12.72	4.48	33.76	7.56	.08
90/03/15	04:10	03/15	14:09	56-35.7S	149-56.1	3529	5.4	-3.0	.8	12.72	4.48	33.76	7.54	.09
90/03/15	04:15	03/15	14:14	56-35.8S	149-56.1	3509	5.3	-3.0	.9	12.72	4.48	33.76	7.56	.09
90/03/15	04:20	03/15	14:19	56-35.8S	149-56.1	3502	5.2	-3.0	.8	12.72	4.48	33.76	7.54	.09
90/03/15	04:25	03/15	14:24	56-35.9S	149-56.0	3503	5.0	-3.0	.8	12.72	4.48	33.76	7.54	.09

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/15	04:30	03/15	14:29	56-36.0S	149-56.0	3517	5.0	-3.0	.9	12.72	4.46	33.76	7.54	.10
90/03/15	04:35	03/15	14:34	56-36.1S	149-56.0	3521	5.3	-3.0	.9	12.72	4.46	33.76	7.54	.09
90/03/15	04:40	03/15	14:39	56-36.1S	149-56.1	3510	5.2	-3.0	.7	12.72	4.46	33.76	7.54	.09
90/03/15	04:45	03/15	14:44	56-36.2S	149-56.1	3507	5.2	-3.0	1.0	12.72	4.46	33.76	7.54	.09
90/03/15	04:50	03/15	14:49	56-36.2S	149-56.0	3501	5.1	-3.0	.9	12.72	4.46	33.76	7.53	.10
90/03/15	04:55	03/15	14:54	56-36.4S	149-56.0	3480	5.0	-3.0	.9	12.72	4.56	33.71	7.53	.09
90/03/15	05:00	03/15	14:59	56-36.4S	149-56.0	3474	5.0	-3.0	.9	12.70	4.56	33.71	7.52	.09
90/03/15	05:05	03/15	15:04	56-36.5S	149-56.0	3480	5.0	-3.0	1.0	12.70	4.56	33.71	7.52	.10
90/03/15	05:10	03/15	15:09	56-36.7S	149-55.9	3000	4.7	-3.0	7.3	12.70	4.56	33.71	7.52	.12
90/03/15	05:15	03/15	15:14	56-36.2S	149-55.1	3455	4.4	-3.0	10.2	12.69	4.64	33.74	7.59	.12
90/03/15	05:20	03/15	15:19	56-36.3S	149-55.2	3501	4.2	-3.0	10.3	12.66	4.56	33.71	7.55	.11
90/03/15	05:25	03/15	15:24	56-34.4S	149-55.3	3469	4.0	-3.0	10.4	12.65	4.48	33.76	7.56	.09
90/03/15	05:30	03/15	15:29	56-33.6S	149-55.4	3517	3.8	-3.0	10.2	12.65	4.48	33.76	7.54	.11
90/03/15	05:35	03/15	15:34	56-32.7S	149-55.5	3549	3.6	-3.0	10.4	12.65	4.48	33.76	7.54	.11
90/03/15	05:40	03/15	15:39	56-31.9S	149-55.6	3528	3.5	-3.0	10.4	12.65	4.48	33.76	7.55	.13
90/03/15	05:45	03/15	15:44	56-31.0S	149-55.7	3429	3.5	-3.0	10.5	12.65	4.56	33.71	7.56	.11
90/03/15	05:50	03/15	15:49	56-30.1S	149-55.9	3502	3.5	-3.0	10.6	12.65	4.56	33.71	7.56	.11
90/03/15	05:55	03/15	15:54	56-29.2S	149-56.0	3458	3.5	-3.0	10.1	12.65	4.48	33.76	7.55	.12
90/03/15	06:00	03/15	15:59	56-28.4S	149-56.1	3536	3.5	-3.0	10.3	12.65	4.48	33.76	7.57	.13
90/03/15	06:05	03/15	16:04	56-29.3S	149-56.6	3457	3.5	-3.0	9.7	12.65	4.56	33.71	7.57	.13
90/03/15	06:10	03/15	16:09	56-28.6S	149-56.7	3555	3.4	-3.0	9.5	12.65	4.56	33.71	7.56	.14
90/03/15	06:15	03/15	16:14	56-27.8S	149-56.7	3521	3.4	-3.0	10.0	12.66	4.56	33.71	7.59	.14
90/03/15	06:20	03/15	16:19	56-26.9S	149-56.7	3651	3.4	-3.0	9.7	12.66	4.56	33.71	7.56	.15
90/03/15	06:25	03/15	16:24	56-26.2S	149-56.6	3636	3.4	-3.0	10.2	12.66	4.64	33.74	7.60	.14
90/03/15	06:30	03/15	16:30	56-24.4S	150-00.2	3601	3.4	-3.0	9.5	12.63	4.64	33.74	7.59	.16
90/03/15	06:35	03/15	16:35	56-23.6S	150-00.2	3637	3.4	-3.0	9.5	12.63	4.64	33.74	7.61	.16
90/03/15	06:40	03/15	16:40	56-22.9S	150-00.2	3657	3.3	-3.0	9.5	12.63	4.40	33.80	7.61	.16
90/03/15	06:45	03/15	16:45	56-22.1S	150-00.2	3622	3.3	-3.0	9.3	12.63	4.32	33.76	7.62	.17
90/03/15	06:50	03/15	16:50	56-21.3S	150-00.2	3647	3.2	-3.0	9.4	12.63	4.32	33.76	7.67	.18
90/03/15	06:55	03/15	16:55	56-20.5S	150-00.3	3686	3.1	-3.0	9.5	12.63	4.32	33.76	7.62	.18
90/03/15	07:00	03/15	17:00	56-19.7S	150-00.4	3688	3.1	-3.0	9.6	12.65	4.24	33.81	7.64	.17
90/03/15	07:05	03/15	17:05	56-17.7S	150-00.2	3676	3.1	-3.0	9.0	12.65	4.16	33.77	7.62	.19
90/03/15	07:10	03/15	17:10	56-16.9S	150-00.3	3651	3.1	-3.0	9.5	12.65	4.00	33.78	7.72	.19
90/03/15	07:15	03/15	17:15	56-16.1S	150-00.4	3623	3.1	-3.0	9.2	12.63	4.00	33.78	7.71	.17
90/03/15	07:20	03/15	17:20	56-15.2S	150-00.4	3678	3.1	-3.0	9.3	12.62	4.08	33.73	7.75	.19
90/03/15	07:25	03/15	17:24	56-13.7S	149-58.8	3650	3.1	-3.0	9.2	12.63	4.24	33.73	7.71	.20
90/03/15	07:30	03/15	17:29	56-13.0S	149-58.8	3598	3.1	-3.0	9.9	12.63	4.32	33.76	7.75	.19
90/03/15	07:35	03/15	17:34	56-12.1S	149-58.8	3636	3.1	-3.0	9.6	12.62	4.32	33.76	7.72	.18
90/03/15	07:40	03/15	17:39	56-11.2S	149-58.8	3673	3.1	-3.0	9.2	12.62	4.48	33.76	7.70	.19
90/03/15	07:45	03/15	17:44	56-10.4S	149-58.7	3649	3.1	-3.0	9.2	12.62	4.56	33.71	7.75	.19
90/03/15	07:50	03/15	17:49	56-09.5S	149-58.7	3713	3.2	-3.0	8.9	12.62	4.56	33.79	7.78	.19
90/03/15	07:55	03/15	17:55	56-08.1S	150-01.4	3640	3.2	-3.0	9.3	12.62	4.64	33.74	7.74	.19
90/03/15	08:00	03/15	18:00	56-07.2S	150-01.5	3712	3.2	-3.0	9.1	12.62	4.64	33.74	7.66	.20
90/03/15	08:05	03/15	18:05	56-06.4S	150-01.6	3640	3.1	-3.0	8.8	12.60	4.64	33.74	7.69	.20
90/03/15	08:10	03/15	18:10	56-05.5S	150-01.7	3648	3.2	-3.0	9.1	12.60	4.64	33.74	7.77	.20
90/03/15	08:15	03/15	18:15	56-04.7S	150-01.9	3605	3.2	-3.0	8.6	12.60	4.72	33.70	7.85	.19
90/03/15	08:20	03/15	18:20	56-03.6S	150-02.0	3668	3.1	-3.0	9.5	12.60	4.64	33.74	7.83	.17
90/03/15	08:25	03/15	18:25	56-02.9S	150-02.1	3678	3.1	-3.0	9.4	12.60	4.48	33.76	7.69	.18
90/03/15	08:30	03/15	18:30	56-02.1S	150-02.2	3757	3.0	-3.0	9.5	12.60	4.40	33.80	7.69	.19
90/03/15	08:35	03/15	18:35	56-01.3S	150-02.4	3649	3.0	-3.0	8.9	12.60	4.48	33.76	7.80	.18
90/03/15	08:40	03/15	18:40	56-00.4S	150-02.5	3677	3.0	-3.0	9.1	12.60	4.32	33.76	7.76	.18

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/15	08:45	03/15	18:45	55-59.8S	150-02.6	3768	3.0	-3.0	8.9	12.62	4.32	33.76	7.78	.18
90/03/15	08:50	03/15	18:50	55-58.7S	150-02.8	3791	3.0	-3.0	9.4	12.62	4.24	33.73	7.69	.17
90/03/15	08:55	03/15	18:55	55-57.8S	150-02.9	3884	2.9	-3.0	8.9	12.62	3.83	33.71	7.64	.14
90/03/15	09:00	03/15	19:00	55-57.0S	150-03.1	3636	2.9	-3.0	9.2	12.62	3.59	33.76	7.72	.14
90/03/15	09:05	03/15	19:05	55-56.2S	150-03.2	3722	2.9	-3.0	8.8	12.62	3.51	33.60	7.79	.15
90/03/15	09:10	03/15	19:10	55-55.4S	150-03.4	3770	2.8	-3.0	8.3	12.60	3.67	33.79	7.82	.16
90/03/15	09:15	03/15	19:15	55-52.8S	150-02.9	3768	2.8	-3.0	9.2	12.60	3.59	33.76	7.75	.14
90/03/15	09:20	03/15	19:20	55-51.8S	150-03.1	3711	2.9	-3.0	9.8	12.60	3.59	33.76	7.91	.18
90/03/15	09:25	03/15	19:25	55-51.0S	150-03.2	3841	3.1	-3.0	9.1	12.62	3.51	33.72	7.71	.14
90/03/15	09:30	03/15	19:30	55-50.1S	150-03.4	3743	3.2	-3.0	9.1	12.60	3.51	33.72	7.73	.16
90/03/15	09:35	03/15	19:35	55-49.2S	150-03.5	3896	3.2	-3.0	8.5	12.60	3.67	33.79	7.75	.16
90/03/15	09:40	03/15	19:40	55-48.4S	150-05.2	3723	3.0	-3.0	9.3	12.60	3.83	33.78	7.74	.16
90/03/15	09:45	03/15	19:45	55-47.5S	150-05.3	3772	2.9	-3.0	9.3	12.60	3.83	33.71	7.70	.15
90/03/15	09:50	03/15	19:50	55-46.6S	150-05.3	3866	3.9	-3.0	10.0	12.60	3.83	33.78	7.72	.16
90/03/15	09:55	03/15	19:55	55-45.7S	150-05.5	3882	3.1	-3.0	9.4	12.60	4.24	33.73	7.72	.20
90/03/15	10:00	03/15	20:00	55-44.8S	150-05.5	3676	3.3	-3.0	9.8	12.62	4.48	33.76	7.80	.23
90/03/15	10:05	03/15	20:05	55-43.8S	150-05.6	3857	3.5	-3.0	9.8	12.60	4.64	33.74	7.80	.22
90/03/15	10:10	03/15	20:10	55-42.9S	150-05.7	3887	3.5	-3.0	9.7	12.62	4.72	33.70	7.70	.20
90/03/15	10:15	03/15	20:15	55-41.9S	150-05.8	3865	3.9	-3.0	9.9	12.62	4.68	33.70	7.64	.19
90/03/15	10:20	03/15	20:20	55-40.9S	150-05.8	3838	3.8	-3.0	9.7	12.60	5.44	33.71	7.63	.16
90/03/15	10:25	03/15	20:25	55-40.0S	150-05.9	3700	3.8	-3.0	9.5	12.60	5.92	33.68	7.66	.13
90/03/15	10:30	03/15	20:30	55-39.0S	150-05.9	3724	3.8	-3.0	10.4	12.60	6.00	33.71	7.61	.12
90/03/15	10:35	03/15	20:35	55-38.7S	150-08.0	3773	3.9	-3.0	9.4	12.60	6.00	33.71	7.52	.13
90/03/15	10:40	03/15	20:40	55-35.7S	150-08.2	3811	3.9	-3.0	9.4	12.60	6.00	33.71	7.54	.13
90/03/15	10:45	03/15	20:45	55-34.7S	150-08.1	3898	3.9	-3.0	9.5	12.60	6.09	33.67	7.52	.14
90/03/15	10:50	03/15	20:50	55-33.8S	150-08.0	3913	7.9	-3.0	10.0	12.62	6.33	33.70	7.62	.17
90/03/15	10:55	03/15	20:55	55-32.8S	150-08.0	3927	4.1	-3.0	9.5	12.60	6.57	33.72	7.52	.17
90/03/15	11:00	03/15	21:00	55-31.7S	150-08.0	3892	4.1	-3.0	9.2	12.62	6.73	33.71	7.48	.16
90/03/15	11:05	03/15	21:05	55-30.7S	150-10.5	3887	4.3	-3.0	8.4	12.62	6.81	33.74	7.51	.16
90/03/15	11:10	03/15	21:10	55-29.8S	150-10.4	3818	4.3	-3.0	7.6	12.62	6.97	33.73	7.45	.16
90/03/15	11:15	03/15	21:15	55-29.1S	150-10.2	3735	4.4	-3.0	8.2	12.60	7.05	33.69	7.48	.16
90/03/15	11:20	03/15	21:20	55-28.3S	150-10.0	3774	4.5	-3.0	7.8	12.60	7.13	33.72	7.38	.16
90/03/15	11:25	03/15	21:25	55-27.6S	150-09.7	3889	4.5	-3.0	8.9	12.60	7.21	33.76	7.51	.16
90/03/15	11:30	03/15	21:30	55-26.8S	150-09.5	3918	4.4	-3.0	7.6	12.60	7.28	33.79	7.57	.17
90/03/15	11:35	03/15	21:35	55-26.1S	150-09.3	4021	4.4	-3.0	7.6	12.60	7.80	33.77	7.60	.19
90/03/15	11:40	03/15	21:40	55-25.3S	150-09.1	3722	4.5	-3.0	7.8	12.60	7.84	33.79	7.43	.20
90/03/15	11:45	03/15	21:45	55-24.5S	150-08.9	3583	4.5	-3.0	7.3	12.60	7.92	33.82	7.41	.20
90/03/15	11:50	03/15	21:50	55-23.8S	150-08.7	3319	4.5	-3.0	7.9	12.60	7.92	33.75	7.41	.21
90/03/15	11:55	03/15	21:55	55-23.0S	150-08.5	3167	4.8	-3.0	7.7	12.60	7.84	33.79	7.38	.21
90/03/15	12:00	03/15	22:00	55-22.3S	150-08.3	3273	4.7	-3.0	7.6	12.60	8.00	33.78	7.36	.22
90/03/15	12:05	03/15	22:05	55-21.4S	150-08.0	3356	4.8	-3.0	8.6	12.99	8.08	33.89	7.48	.23
90/03/15	12:10	03/15	22:10	55-20.6S	150-07.7	3643	4.8	-3.0	9.0	12.98	7.76	33.83	7.37	.21
90/03/15	12:15	03/15	22:15	55-19.7S	150-07.3	3693	4.9	-3.0	9.5	12.83	7.68	33.80	7.28	.20
90/03/15	12:20	03/15	22:20	55-17.5S	150-07.8	3590	5.0	-3.0	9.2	12.53	7.84	33.79	7.31	.19
90/03/15	12:25	03/15	22:25	55-16.8S	150-07.6	3415	5.1	-3.0	8.7	12.53	7.92	33.82	7.27	.19
90/03/15	12:30	03/15	22:30	55-15.7S	150-07.3	3537	5.2	-3.0	9.1	12.54	7.92	33.82	7.33	.19
90/03/15	12:35	03/15	22:35	55-14.8S	150-07.0	3674	5.2	-3.0	8.4	12.53	7.92	33.82	7.36	.19
90/03/15	12:40	03/15	22:40	55-13.9S	150-06.7	3557	5.2	-3.0	9.2	12.54	7.84	33.87	7.31	.19
90/03/15	12:45	03/15	22:45	55-13.0S	150-06.5	3859	5.3	-3.0	6.8	12.54	7.76	33.83	7.29	.19
90/03/15	12:50	03/15	22:50	55-11.9S	150-04.4	3886	5.4	-3.0	7.6	12.54	7.84	33.79	7.44	.20
90/03/15	12:55	03/15	22:55	55-11.1S	150-04.2	3820	5.4	-3.0	7.6	12.56	7.84	33.87	7.32	.20

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/15	13:00	03/15	23:00	55-10.3S	150-04.0	3903	5.5	-3.0	7.4	12.56	7.92	33.90	7.32	.20
90/03/15	13:05	03/15	23:05	55-10.0S	150-03.8	4049	5.5	-3.0	7.3	12.56	8.00	33.86	7.28	.20
90/03/15	13:10	03/15	23:10	55-09.2S	150-03.6	3916	5.5	-3.0	7.7	12.54	8.08	33.89	7.39	.20
90/03/15	13:15	03/15	23:15	55-08.4S	150-03.3	3895	5.6	-3.0	7.2	12.54	8.08	33.89	7.29	.20
90/03/15	13:20	03/15	23:20	55-07.6S	150-03.1	3910	5.6	-3.0	7.5	12.56	8.16	33.84	7.36	.20
90/03/15	13:25	03/15	23:25	55-06.5S	150-01.5	3878	5.7	-3.0	7.5	12.54	8.16	33.84	7.35	.20
90/03/15	13:30	03/15	23:30	55-05.7S	150-01.3	3890	5.8	-3.0	7.9	12.54	8.16	33.92	7.29	.20
90/03/15	13:35	03/15	23:35	55-04.9S	150-01.0	3836	5.9	-3.0	7.6	12.56	8.25	33.88	7.33	.20
90/03/15	13:40	03/15	23:40	55-04.1S	150-00.7	3808	5.9	-3.0	6.7	12.56	8.33	33.83	7.29	.19
90/03/15	13:45	03/15	23:45	55-03.4S	150-00.5	3710	6.0	-3.0	6.4	12.54	8.33	33.91	7.33	.19
90/03/15	13:50	03/15	23:50	55-02.6S	150-00.3	3676	6.1	-3.0	6.2	12.54	8.33	33.83	7.49	.20
90/03/15	13:55	03/15	23:54	55-02.5S	149-59.1	3539	6.1	-3.0	6.1	12.56	8.33	33.83	7.36	.19
90/03/15	14:00	03/15	23:59	55-01.8S	149-58.9	3664	6.2	-3.0	6.2	12.54	8.65	33.89	7.44	.19
90/03/15	14:05	03/16	00:04	55-01.1S	149-58.8	3688	6.3	-3.0	6.0	12.54	8.97	33.87	7.39	.19
90/03/15	14:10	03/16	00:09	55-00.4S	149-58.7	3703	6.3	-3.0	6.6	12.56	9.05	33.89	7.44	.19
90/03/15	14:15	03/16	00:14	54-59.6S	149-58.6	3679	6.4	-3.0	9.1	12.54	9.13	33.93	7.44	.20
90/03/15	14:20	03/16	00:19	54-58.6S	149-58.4	3758	6.4	-3.0	9.2	12.54	9.21	33.96	7.28	.20
90/03/15	14:25	03/16	00:24	54-57.5S	149-58.3	3898	6.5	-3.0	9.8	12.54	9.37	33.94	7.17	.21
90/03/15	14:30	03/16	00:29	54-56.5S	149-58.3	3924	6.6	-3.0	9.5	12.54	9.45	33.97	7.16	.21
90/03/15	14:35	03/16	00:34	54-55.4S	149-58.3	3947	6.5	-3.0	10.0	12.54	9.61	33.96	7.27	.21
90/03/15	14:40	03/16	00:39	54-54.4S	149-58.2	3800	6.2	-3.0	9.4	12.54	9.69	33.90	7.21	.20
90/03/15	14:45	03/16	00:44	54-53.4S	149-58.4	3768	6.1	-3.0	10.7	12.53	9.77	34.02	7.15	.20
90/03/15	14:50	03/16	00:49	54-52.3S	149-58.4	3819	6.2	-3.0	11.6	12.54	9.77	34.09	7.15	.19
90/03/15	14:55	03/16	00:54	54-51.1S	149-58.5	3706	6.3	-3.0	10.8	12.54	9.85	34.05	7.08	.18
90/03/15	15:00	03/16	00:59	54-49.9S	149-58.6	3733	6.5	-3.0	11.1	12.54	9.85	34.12	7.13	.17
90/03/15	15:05	03/16	01:04	54-48.8S	149-58.7	3779	6.7	-3.0	11.5	12.54	9.93	34.08	7.13	.15
90/03/15	15:10	03/16	01:09	54-47.6S	149-58.7	3705	6.8	-3.0	10.4	12.54	10.01	34.11	7.04	.14
90/03/15	15:15	03/16	01:14	54-47.6S	149-57.2	3652	6.9	-3.0	10.8	12.54	10.01	34.11	7.05	.14
90/03/15	15:20	03/16	01:19	54-46.7S	149-57.2	3399	6.7	-3.0	10.9	12.54	10.01	34.11	7.10	.14
90/03/15	15:25	03/16	01:24	54-45.5S	149-57.2	3652	6.7	-3.0	10.7	12.54	10.01	34.11	7.02	.15
90/03/15	15:30	03/16	01:29	54-44.5S	149-57.2	3771	6.6	-3.0	10.9	12.54	10.01	34.11	7.05	.15
90/03/15	15:35	03/16	01:34	54-43.4S	149-57.4	3786	6.5	-3.0	11.5	12.54	10.09	34.07	7.04	.15
90/03/15	15:40	03/16	01:39	54-42.2S	149-57.7	3924	6.5	-3.0	11.6	12.54	10.09	34.14	7.03	.15
90/03/15	15:45	03/16	01:44	54-41.1S	149-58.0	3873	6.5	-3.0	11.4	12.54	10.09	34.14	7.03	.13
90/03/15	15:50	03/16	01:49	54-40.0S	149-58.3	3922	6.5	-3.0	11.2	12.54	10.09	34.14	7.02	.13
90/03/15	15:55	03/16	01:54	54-38.9S	149-58.6	4045	6.5	-3.0	11.6	12.54	10.01	34.11	7.02	.13
90/03/15	16:00	03/16	01:59	54-37.7S	149-58.9	4122	6.4	-3.0	11.3	12.54	10.01	34.11	7.03	.14
90/03/15	16:05	03/16	02:04	54-36.7S	149-59.2	4144	6.4	-3.0	11.1	12.54	10.01	34.11	7.02	.14
90/03/15	16:10	03/16	02:09	54-35.5S	149-59.5	4015	6.4	-3.0	11.0	12.54	10.09	34.14	7.03	.14
90/03/15	16:15	03/16	02:14	54-34.4S	149-59.8	3987	6.5	-3.0	11.2	12.54	10.09	34.14	7.02	.14
90/03/15	16:20	03/16	02:20	54-33.3S	150-00.1	3859	6.5	-3.0	11.0	12.54	10.09	34.14	7.02	.13
90/03/15	16:25	03/16	02:25	54-32.2S	150-00.5	3805	6.5	-3.0	11.0	12.54	10.09	34.14	7.00	.13
90/03/15	16:30	03/16	02:30	54-31.1S	150-00.8	3774	6.6	-3.0	12.2	12.54	10.09	34.14	7.02	.13
90/03/15	16:35	03/16	02:35	54-29.9S	150-01.1	3826	6.6	-3.0	12.3	12.54	10.09	34.14	7.01	.13
90/03/15	16:40	03/16	02:40	54-29.8S	150-00.1	3855	6.7	-3.0	13.5	12.54	10.09	34.14	7.02	.12
90/03/15	16:45	03/16	02:45	54-28.6S	150-00.4	3873	6.9	-3.0	12.4	12.53	10.09	34.14	8.96	.13
90/03/15	16:50	03/16	02:50	54-27.3S	150-00.6	3891	7.2	-3.0	12.7	12.54	10.09	34.14	8.98	.13
90/03/15	16:55	03/16	02:55	54-26.2S	150-00.9	3840	7.5	-3.0	13.0	12.53	10.09	34.14	6.98	.13
90/03/15	17:00	03/16	03:00	54-25.0S	150-01.0	3807	7.8	-3.0	12.9	12.54	10.09	34.14	6.98	.14
90/03/15	17:05	03/16	03:05	54-24.1S	150-01.0	3849	8.0	-3.0	12.8	12.53	10.09	34.14	7.00	.14
90/03/15	17:10	03/16	03:10	54-22.9S	150-01.1	3948	8.1	-3.0	11.8	12.54	10.09	34.14	7.03	.14

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/15	17:15	03/16	03:15	54-21.7S	150-01.2	4056	8.2	-3.0	12.3	12.54	10.09	34.14	7.05	.14
90/03/15	17:20	03/16	03:20	54-20.5S	150-01.3	4221	8.2	-3.0	12.7	12.53	10.09	34.14	7.07	.14
90/03/15	17:25	03/16	03:25	54-19.4S	150-01.3	4117	8.3	-3.0	12.6	12.53	10.09	34.14	7.07	.14
90/03/15	17:30	03/16	03:30	54-18.1S	150-01.4	4074	8.3	-3.0	12.1	12.54	10.01	34.11	7.00	.15
90/03/15	17:35	03/16	03:35	54-17.0S	150-01.6	4118	8.3	-3.0	12.4	12.54	10.01	34.11	7.05	.15
90/03/15	17:40	03/16	03:40	54-15.8S	150-01.7	4065	8.3	-3.0	12.7	12.53	10.01	34.04	7.05	.15
90/03/15	17:45	03/16	03:45	54-14.8S	150-01.7	4122	8.3	-3.0	12.2	12.54	9.93	34.08	7.05	.16
90/03/15	17:50	03/16	03:50	54-13.4S	150-01.9	3840	8.3	-3.0	13.6	12.54	9.93	34.08	7.08	.16
90/03/15	17:55	03/16	03:55	54-12.2S	150-02.0	3904	8.3	-3.0	13.3	12.54	9.93	34.08	7.05	.17
90/03/15	18:00	03/16	04:00	54-11.0S	150-02.0	3852	8.3	-3.0	12.7	12.54	9.93	34.01	7.05	.17
90/03/15	18:05	03/16	04:05	54-09.8S	150-02.2	3970	8.3	-3.0	12.7	12.54	9.85	34.05	7.10	.19
90/03/15	18:10	03/16	04:10	54-08.6S	150-02.2	3998	8.3	-3.0	12.6	12.54	9.69	33.99	7.08	.19
90/03/15	18:15	03/16	04:15	54-07.5S	150-02.1	4118	8.3	-3.0	12.8	12.54	9.45	33.97	7.07	.19
90/03/15	18:20	03/16	04:20	54-06.3S	150-02.0	4085	8.3	-3.0	11.6	12.54	9.37	34.02	7.11	.19
90/03/15	18:25	03/16	04:24	54-04.4S	149-59.0	4010	8.3	-3.0	12.6	12.54	9.29	33.98	7.14	.19
90/03/15	18:30	03/16	04:29	54-03.2S	149-58.9	4025	8.3	-3.0	12.2	12.54	9.21	33.96	7.17	.17
90/03/15	18:35	03/16	04:34	54-02.1S	149-58.7	4087	8.2	-3.0	12.5	12.54	9.21	33.96	7.15	.17
90/03/15	18:40	03/16	04:39	54-00.9S	149-58.6	4149	8.2	-3.0	12.5	12.54	9.13	34.00	7.12	.17
90/03/15	18:45	03/16	04:44	53-59.7S	149-58.4	4084	8.2	-3.0	11.9	12.54	9.21	33.96	7.17	.17
90/03/15	18:50	03/16	04:49	53-58.6S	149-58.3	4188	8.2	-3.0	12.3	12.54	9.21	33.96	7.14	.18
90/03/15	18:55	03/16	04:54	53-57.3S	149-58.7	4125	8.2	-3.0	12.1	12.54	9.21	33.96	7.13	.19
90/03/15	19:00	03/16	04:59	53-56.2S	149-58.5	4190	8.1	-3.0	11.1	12.54	9.21	33.96	7.17	.21
90/03/15	19:05	03/16	05:04	53-55.0S	149-58.3	4129	8.1	-3.0	11.5	12.54	8.89	33.91	7.20	.21
90/03/15	19:10	03/16	05:09	53-53.9S	149-58.1	4089	8.0	-3.0	11.8	12.56	8.25	33.81	7.19	.20
90/03/15	19:15	03/16	05:14	53-52.7S	149-55.9	3988	8.0	-3.0	11.8	12.54	7.92	33.75	7.22	.19
90/03/15	19:20	03/16	05:19	53-51.6S	149-55.7	4011	8.0	-3.0	11.7	12.54	7.80	33.77	7.30	.18
90/03/15	19:25	03/16	05:24	53-50.4S	149-55.5	4025	8.0	-3.0	12.9	12.54	7.44	33.78	7.33	.19
90/03/15	19:30	03/16	05:29	53-49.3S	149-55.3	4052	8.0	-3.0	12.0	12.56	7.52	33.74	7.28	.19
90/03/15	19:35	03/16	05:34	53-48.0S	149-55.1	3994	8.0	-3.0	12.7	12.56	7.80	33.77	7.33	.19
90/03/15	19:40	03/16	05:39	53-46.8S	149-54.8	3956	8.0	-3.0	12.5	12.54	7.80	33.77	7.30	.18
90/03/15	19:45	03/16	05:44	53-45.6S	149-54.7	4060	7.9	-3.0	12.4	12.54	7.28	33.72	7.32	.17
90/03/15	19:50	03/16	05:49	53-43.1S	149-55.1	3896	7.9	-3.0	12.6	12.56	7.28	33.72	7.33	.17
90/03/15	19:55	03/16	05:54	53-41.9S	149-55.0	4024	8.0	-3.0	12.4	12.56	7.28	33.79	7.33	.17
90/03/15	20:00	03/16	05:59	53-40.6S	149-54.8	4179	7.9	-3.0	11.1	12.54	7.28	33.72	7.37	.18
90/03/15	20:05	03/16	06:04	53-39.4S	149-54.7	4064	7.9	-3.0	11.7	12.56	7.28	33.79	7.38	.17
90/03/15	20:10	03/16	06:09	53-38.2S	149-54.7	3936	7.9	-3.0	12.9	12.56	7.28	33.72	7.33	.18
90/03/15	20:15	03/16	06:14	53-36.9S	149-54.7	3982	7.9	-3.0	12.8	12.54	7.28	33.79	7.34	.17
90/03/15	20:20	03/16	06:19	53-35.6S	149-54.7	3995	7.9	-3.0	12.3	12.56	7.28	33.72	7.33	.18
90/03/15	20:25	03/16	06:24	53-34.3S	149-54.6	3993	7.9	-3.0	12.6	12.56	7.28	33.72	7.43	.17
90/03/15	20:30	03/16	06:29	53-33.1S	149-54.5	3923	7.9	-3.0	12.2	12.54	7.21	33.76	7.38	.17
90/03/15	20:35	03/16	06:34	53-31.8S	149-54.5	3813	7.9	-3.0	12.2	12.56	7.21	33.76	7.36	.17
90/03/15	20:40	03/16	06:39	53-30.5S	149-54.5	3771	7.9	-3.0	12.6	12.56	7.13	33.72	7.39	.17
90/03/15	20:45	03/16	06:44	53-29.6S	149-54.1	3858	8.1	-3.0	4.9	12.56	7.21	33.76	7.38	.18
90/03/15	20:50	03/16	06:49	53-29.2S	149-53.5	3888	8.2	-3.0	5.5	12.56	7.21	33.76	7.43	.17
90/03/15	20:55	03/16	06:54	53-28.6S	149-52.8	3916	8.2	-3.0	5.1	12.56	7.21	33.78	7.31	.17
90/03/15	21:00	03/16	06:59	53-28.4S	149-52.2	3881	8.2	-3.0	4.9	12.56	7.28	33.72	7.31	.17
90/03/15	21:05	03/16	07:04	53-28.0S	149-51.8	3904	8.2	-3.0	4.5	12.56	7.28	33.72	7.38	.17
90/03/15	21:10	03/16	07:09	53-27.5S	149-51.0	3852	8.1	-3.0	4.5	12.56	7.21	33.75	7.30	.17
90/03/15	21:15	03/16	07:14	53-27.1S	149-50.4	3750	8.1	-3.0	4.2	12.56	7.28	33.79	7.39	.17
90/03/15	21:20	03/16	07:19	53-26.6S	149-50.0	3872	8.1	-3.0	10.4	12.54	7.36	33.75	7.42	.17
90/03/15	21:25	03/16	07:24	53-25.4S	149-50.1	3876	8.1	-3.0	11.5	12.54	7.36	33.75	7.52	.17

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/15	21:30	03/16	07:29	53-24.2S	149-50.3	4126	8.1	-3.0	11.9	12.56	7.44	33.78	7.38	.17
90/03/15	21:35	03/16	07:34	53-23.0S	149-50.3	4192	8.1	-3.0	11.8	12.56	7.52	33.81	7.38	.17
90/03/15	21:40	03/16	07:39	53-22.9S	149-51.3	4023	8.0	-3.0	12.1	12.54	7.52	33.74	7.36	.15
90/03/15	21:45	03/16	07:44	53-21.8S	149-51.5	3986	8.0	-3.0	11.7	12.56	7.38	33.75	7.38	.15
90/03/15	21:50	03/16	07:49	53-20.6S	149-51.6	3892	8.0	-3.0	11.6	12.56	7.13	33.72	7.38	.15
90/03/15	21:55	03/16	07:54	53-19.5S	149-51.7	3937	7.9	-3.0	11.6	12.56	6.89	33.70	7.39	.14
90/03/15	22:00	03/16	07:59	53-18.4S	149-51.8	3945	7.9	-3.0	11.8	12.56	6.41	33.73	7.41	.12
90/03/15	22:05	03/16	08:04	53-16.7S	149-52.4	3878	7.9	-3.0	11.1	12.56	6.49	33.88	7.41	.11
90/03/15	22:10	03/16	08:09	53-15.5S	149-52.5	3759	7.9	-3.0	11.7	12.56	6.41	33.73	7.49	.11
90/03/15	22:15	03/16	08:14	53-14.4S	149-52.7	3775	7.9	-3.0	11.7	12.56	8.33	33.70	7.44	.11
90/03/15	22:20	03/16	08:19	53-13.2S	149-52.8	3661	7.9	-3.0	12.0	12.56	6.33	33.70	7.42	.11
90/03/15	22:25	03/16	08:24	53-12.1S	149-53.6	3872	7.9	-3.0	11.4	12.56	6.41	33.65	7.44	.10
90/03/15	22:30	03/16	08:29	53-10.9S	149-53.8	3906	7.9	-3.0	11.6	12.56	6.33	33.70	7.45	.11
90/03/15	22:35	03/16	08:34	53-09.7S	149-54.0	4067	7.9	-3.0	11.5	12.56	8.33	33.70	7.52	.11
90/03/15	22:40	03/16	08:39	53-08.6S	149-54.2	4103	8.0	-3.0	12.1	12.56	6.33	33.70	7.44	.11
90/03/15	22:45	03/16	08:44	53-07.4S	149-54.3	3919	8.1	-3.0	11.6	12.56	6.33	33.70	7.51	.11
90/03/15	22:50	03/16	08:49	53-06.2S	149-54.5	3944	8.1	-3.0	11.7	12.56	6.41	33.73	7.43	.12
90/03/15	22:55	03/16	08:54	53-05.0S	149-54.7	3798	8.2	-3.0	11.5	12.56	6.49	33.88	7.49	.11
90/03/15	23:00	03/16	08:59	53-03.9S	149-54.9	4029	8.2	-3.0	12.1	12.54	6.57	33.72	7.41	.11
90/03/15	23:05	03/16	09:04	53-02.7S	149-55.2	4000	8.3	-3.0	11.4	12.54	6.81	33.74	7.39	.12
90/03/15	23:10	03/16	09:09	53-01.6S	149-55.5	4034	8.4	-3.0	12.2	12.54	6.73	33.71	7.47	.13
90/03/15	23:15	03/16	09:14	53-00.3S	149-55.8	4028	8.4	-3.0	12.9	12.54	6.89	33.78	7.42	.15
90/03/15	23:20	03/16	09:19	52-59.1S	149-56.1	3890	8.5	-3.0	12.0	12.54	7.52	33.74	7.38	.15
90/03/15	23:25	03/16	09:24	52-57.8S	149-56.7	4026	8.6	-3.0	12.6	12.54	7.84	33.79	7.41	.14
90/03/15	23:30	03/16	09:30	52-56.6S	150-00.1	4016	8.7	-3.0	12.7	12.54	7.92	33.75	7.32	.14
90/03/15	23:35	03/16	09:35	52-55.4S	150-00.3	3949	8.7	-3.0	11.6	12.54	8.00	33.78	7.31	.12
90/03/15	23:40	03/16	09:40	52-54.2S	150-00.2	4123	8.7	-3.0	12.0	12.54	8.08	33.74	7.39	.13
90/03/15	23:45	03/16	09:45	52-53.0S	150-00.1	4056	8.7	-3.0	12.2	12.54	8.25	33.81	7.35	.13
90/03/15	23:50	03/16	09:50	52-51.9S	150-00.0	3928	8.8	-3.0	11.7	12.54	8.25	33.81	7.28	.12
90/03/15	23:55	03/16	09:54	52-50.8S	149-59.9	4020	8.8	-3.0	12.1	12.54	8.33	33.76	7.29	.12
90/03/16	00:00	03/16	09:59	52-49.6S	149-59.8	4216	8.8	-3.0	12.1	12.53	8.33	33.76	7.29	.13
90/03/16	00:05	03/16	10:04	52-48.4S	149-59.8	4226	8.9	-3.0	10.2	12.54	8.25	33.73	7.25	.13
90/03/16	00:10	03/16	10:09	52-47.2S	149-59.8	4243	9.0	-3.0	11.8	12.53	8.08	33.74	7.33	.13
90/03/16	00:15	03/16	10:14	52-46.0S	149-59.9	4288	9.1	-3.0	11.5	12.53	8.08	33.74	7.33	.13
90/03/16	00:20	03/16	10:19	52-44.9S	149-59.9	4176	9.2	-3.0	11.7	12.53	8.25	33.81	7.31	.13
90/03/16	00:25	03/16	10:24	52-43.7S	149-59.9	3965	9.3	-3.0	11.9	12.53	8.73	33.77	7.25	.14
90/03/16	00:30	03/16	10:29	52-42.5S	149-59.9	4088	9.4	-3.0	11.8	12.53	8.89	33.83	7.27	.14
90/03/16	00:35	03/16	10:34	52-41.3S	149-59.9	4304	9.5	-3.0	12.0	12.53	9.21	33.88	7.21	.15
90/03/16	00:40	03/16	10:39	52-40.1S	149-59.9	4364	9.6	-3.0	11.9	12.53	9.45	33.91	7.25	.16
90/03/16	00:45	03/16	10:44	52-39.0S	149-59.9	4280	9.7	-3.0	11.5	12.53	9.69	33.92	7.18	.17
90/03/16	00:50	03/16	10:49	52-37.8S	149-59.9	4323	9.8	-3.0	11.8	12.53	9.85	33.91	7.21	.18
90/03/16	00:55	03/16	10:55	52-36.6S	150-01.2	4266	9.8	-3.0	11.7	12.51	9.85	33.91	7.25	.17
90/03/16	01:00	03/16	11:00	52-34.7S	150-01.1	4244	9.8	-3.0	6.1	12.53	9.85	33.91	7.17	.20
90/03/16	01:05	03/16	11:05	52-34.1S	150-01.0	4199	9.9	-3.0	5.3	12.51	9.85	33.98	7.33	.21
90/03/16	01:10	03/16	11:10	52-33.5S	150-00.8	4134	10.0	-3.0	4.3	12.53	9.85	33.98	7.21	.20
90/03/16	01:15	03/16	11:15	52-32.9S	150-00.6	4078	10.1	-3.0	5.4	12.51	9.85	33.98	7.19	.18
90/03/16	01:20	03/16	11:20	52-32.3S	150-00.4	4077	10.1	-3.0	4.5	12.53	9.85	33.98	7.18	.18
90/03/16	01:25	03/16	11:25	52-31.8S	150-00.2	4116	10.1	-3.0	5.6	12.51	9.85	33.98	7.12	.20
90/03/16	01:30	03/16	11:30	52-31.2S	150-00.0	4128	10.1	-3.0	4.1	12.53	9.85	33.91	7.39	.18
90/03/16	01:35	03/16	11:34	52-30.7S	149-59.8	4175	10.1	-3.0	4.6	12.53	9.77	33.95	7.13	.19
90/03/16	01:40	03/16	11:39	52-30.1S	149-59.6	4201	10.3	-3.0	4.1	12.53	9.77	33.95	7.24	.19

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/16	01:45	03/16	11:44	52-29.5S	149-59.5	4246	10.2	-3.0	4.2	12.53	9.77	33.95	7.16	.19
90/03/16	01:50	03/16	11:49	52-29.0S	149-59.3	4252	10.2	-3.0	6.0	12.53	9.85	33.98	7.17	.17
90/03/16	01:55	03/16	11:54	52-28.4S	149-59.2	3982	10.2	-3.0	5.1	12.53	9.93	33.94	7.08	.16
90/03/16	02:00	03/16	11:59	52-27.9S	149-58.9	4115	10.3	-3.0	6.3	12.53	9.85	33.98	7.10	.16
90/03/16	02:05	03/16	12:04	52-27.2S	149-58.8	4101	10.3	-3.0	4.4	12.53	9.85	33.98	7.23	.17
90/03/16	02:10	03/16	12:09	52-26.7S	149-58.5	4171	10.4	-3.0	6.6	12.51	9.85	33.98	7.08	.17
90/03/16	02:15	03/16	12:14	52-26.0S	149-58.1	4215	10.6	-3.0	5.1	12.51	9.85	33.98	7.30	.16
90/03/16	02:20	03/16	12:19	52-25.5S	149-55.9	4280	10.6	-3.0	3.6	12.51	10.01	33.97	7.39	.15
90/03/16	02:25	03/16	12:24	52-24.8S	149-55.6	3705	10.7	-3.0	8.2	12.53	10.01	33.97	7.08	.16
90/03/16	02:30	03/16	12:29	52-24.5S	149-55.0	3868	10.7	-3.0	10.2	12.53	9.93	34.01	7.08	.15
90/03/16	02:35	03/16	12:34	52-23.4S	149-54.9	4258	10.7	-3.0	10.0	12.53	9.93	34.01	7.11	.15
90/03/16	02:40	03/16	12:39	52-22.4S	149-54.8	4197	10.7	-3.0	9.9	12.53	10.01	34.04	7.12	.15
90/03/16	02:45	03/16	12:44	52-21.3S	149-54.8	4242	10.7	-3.0	10.1	12.53	10.01	33.97	7.11	.16
90/03/16	02:50	03/16	12:49	52-20.2S	149-54.8	4239	10.7	-3.0	10.9	12.53	9.93	33.94	7.07	.16
90/03/16	02:55	03/16	12:54	52-19.1S	149-54.8	4293	10.7	-3.0	10.4	12.53	9.85	33.98	7.08	.16
90/03/16	03:00	03/16	12:59	52-18.1S	149-54.8	4351	10.7	-3.0	10.2	12.51	9.93	33.94	7.09	.16
90/03/16	03:05	03/16	13:04	52-17.0S	149-54.8	4392	10.7	-3.0	8.8	12.51	9.93	34.01	7.07	.16
90/03/16	03:10	03/16	13:09	52-16.0S	149-54.8	4444	10.7	-3.0	10.2	12.51	9.93	34.01	7.10	.15
90/03/16	03:15	03/16	13:14	52-14.9S	149-54.7	4482	10.8	-3.0	10.0	12.51	9.93	34.01	7.10	.15
90/03/16	03:20	03/16	13:19	52-13.9S	149-54.7	4202	10.8	-3.0	9.9	12.51	10.01	33.97	7.08	.17
90/03/16	03:25	03/16	13:24	52-12.8S	149-54.7	4285	10.8	-3.0	10.1	12.51	10.01	33.97	7.08	.16
90/03/16	03:30	03/16	13:29	52-11.8S	149-54.8	3991	10.9	-3.0	9.8	12.51	10.01	33.97	7.08	.14
90/03/16	03:35	03/16	13:34	52-10.8S	149-54.8	4326	10.9	-3.0	9.8	12.51	9.93	34.01	7.13	.17
90/03/16	03:40	03/16	13:39	52-09.7S	149-54.8	4364	10.7	-3.0	10.1	12.51	9.85	33.98	7.10	.19
90/03/16	03:45	03/16	13:44	52-08.9S	149-54.8	4067	10.7	-3.0	10.0	12.51	9.85	33.98	7.07	.18
90/03/16	03:50	03/16	13:49	52-07.8S	149-54.8	4183	10.6	-3.0	11.2	12.51	9.85	33.98	7.11	.16
90/03/16	03:55	03/16	13:54	52-06.5S	149-54.8	4301	10.5	-3.0	10.0	12.51	9.85	33.98	7.12	.21
90/03/16	04:00	03/16	13:59	52-05.5S	149-54.8	4290	10.6	-3.0	9.7	12.51	9.85	33.98	7.06	.20
90/03/16	04:05	03/16	14:04	52-04.8S	149-54.8	3990	10.7	-3.0	10.1	12.51	9.85	33.91	7.13	.17
90/03/16	04:10	03/16	14:09	52-03.4S	149-54.8	3880	10.7	-3.0	9.7	12.51	9.85	33.91	7.12	.19
90/03/16	04:15	03/16	14:14	52-02.3S	149-54.8	4194	10.8	-3.0	10.3	12.51	9.85	33.98	7.10	.19
90/03/16	04:20	03/16	14:19	52-01.3S	149-54.8	4224	10.8	-3.0	10.2	12.51	9.85	33.98	7.12	.18
90/03/16	04:25	03/16	14:24	52-00.2S	149-54.8	4218	10.8	-3.0	9.5	12.51	9.85	33.98	7.09	.17
90/03/16	04:30	03/16	14:29	51-59.2S	149-54.8	4051	10.8	-3.0	10.0	12.51	9.85	33.98	7.16	.17
90/03/16	04:35	03/16	14:34	51-57.5S	149-54.4	4118	10.9	-3.0	9.8	12.51	9.93	33.94	7.12	.17
90/03/16	04:40	03/16	14:39	51-56.6S	149-54.3	3527	10.9	-3.0	10.3	12.51	9.93	33.94	7.16	.16
90/03/16	04:45	03/16	14:44	51-55.6S	149-54.3	3477	10.9	-3.0	10.0	12.51	9.93	34.01	7.10	.16
90/03/16	04:50	03/16	14:49	51-54.5S	149-54.3	2160	10.9	-3.0	10.2	12.51	10.01	33.97	7.10	.15
90/03/16	04:55	03/16	14:54	51-53.4S	149-54.2	2821	10.9	-3.0	10.2	12.51	10.01	34.04	7.08	.16
90/03/16	05:00	03/16	14:59	51-52.3S	149-54.2	2237	10.9	-3.0	9.8	12.51	10.09	34.00	7.09	.17
90/03/16	05:05	03/16	15:04	51-51.2S	149-54.2	2069	10.9	-3.0	10.1	12.51	10.09	34.00	7.07	.16
90/03/16	05:10	03/16	15:09	51-50.2S	149-54.2	997	10.9	-3.0	10.4	12.51	10.17	34.03	7.09	.17
90/03/16	05:15	03/16	15:14	51-49.1S	149-54.2	3561	10.9	-3.0	10.4	12.50	10.17	34.03	7.05	.17
90/03/16	05:20	03/16	15:19	51-48.0S	149-54.2	3554	11.0	-3.0	10.1	12.50	10.17	34.03	7.07	.18
90/03/16	05:25	03/16	15:24	51-46.7S	149-54.1	3377	11.1	-3.0	9.9	12.51	10.17	34.03	7.08	.16
90/03/16	05:30	03/16	15:29	51-45.8S	149-53.9	2206	11.1	-3.0	8.6	12.51	10.17	34.03	7.10	.16
90/03/16	05:35	03/16	15:34	51-44.9S	149-53.5	1413	11.1	-3.0	7.5	12.51	10.17	34.03	7.08	.17
90/03/16	05:40	03/16	15:39	51-44.3S	149-53.3	1350	11.1	-3.0	7.8	12.51	10.17	34.03	7.07	.17
90/03/16	05:45	03/16	15:44	51-43.2S	149-52.6	977	11.1	-3.0	8.6	12.51	10.17	34.03	7.10	.16
90/03/16	05:50	03/16	15:49	51-42.2S	149-52.2	4168	11.1	-3.0	8.3	12.51	10.17	34.03	7.06	.18
90/03/16	05:55	03/16	15:54	51-41.3S	149-51.8	3959	11.1	-3.0	7.8	12.51	10.17	34.10	7.08	.17

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/16	06:00	03/16	15:59	51-40.4S	149-51.4	0	11.1	-3.0	7.0	12.51	10.25	34.06	7.07	.17
90/03/16	06:05	03/16	16:04	51-39.5S	149-50.8	4031	11.1	-3.0	7.9	12.51	10.25	34.06	7.10	.18
90/03/16	06:10	03/16	16:09	51-38.8S	149-50.3	4052	11.1	-3.0	8.5	12.51	10.17	34.10	7.09	.18
90/03/16	06:15	03/16	16:14	51-37.9S	149-49.8	4070	11.2	-3.0	8.8	12.51	10.17	34.10	7.05	.19
90/03/16	06:20	03/16	16:19	51-37.2S	149-49.3	4089	11.3	-3.0	6.2	12.50	10.25	34.06	7.06	.19
90/03/16	06:25	03/16	16:24	51-36.5S	149-48.8	4100	11.3	-3.0	6.5	12.51	10.25	34.06	7.15	.19
90/03/16	06:30	03/16	16:29	51-36.2S	149-47.9	4104	11.3	-3.0	6.4	12.51	10.25	34.06	7.10	.19
90/03/16	06:35	03/16	16:34	51-35.5S	149-47.3	4052	11.3	-3.0	6.4	12.51	10.25	34.06	7.17	.19
90/03/16	06:40	03/16	16:39	51-34.9S	149-46.9	4024	11.3	-3.0	8.9	12.51	10.33	34.08	7.05	.19
90/03/16	06:45	03/16	16:44	51-34.3S	149-46.3	4004	11.3	-3.0	8.2	12.51	10.33	34.08	7.06	.19
90/03/16	06:50	03/16	16:49	51-33.6S	149-45.8	4067	11.3	-3.0	6.1	12.51	10.25	34.13	7.08	.18
90/03/16	06:55	03/16	16:54	51-32.9S	149-45.4	4115	11.4	-3.0	6.3	12.51	10.33	34.06	7.18	.16
90/03/16	07:00	03/16	16:58	51-32.2S	149-44.8	4133	11.2	-3.0	7.8	12.51	10.33	34.08	7.16	.16
90/03/16	07:05	03/16	17:03	51-31.6S	149-44.2	4113	11.2	-3.0	7.8	12.51	10.33	34.08	7.00	.17
90/03/16	07:10	03/16	17:08	51-30.8S	149-43.6	4049	11.2	-3.0	6.8	12.50	10.33	34.08	7.02	.17
90/03/16	07:15	03/16	17:13	51-30.1S	149-43.1	3871	11.2	-3.0	6.9	12.50	10.33	34.08	7.01	.16
90/03/16	07:20	03/16	17:18	51-29.5S	149-42.5	4127	11.2	-3.0	6.8	12.50	10.33	34.08	7.07	.17
90/03/16	07:25	03/16	17:23	51-28.8S	149-42.0	4166	11.2	-3.0	6.7	12.50	10.42	34.12	7.09	.18
90/03/16	07:30	03/16	17:28	51-28.9S	149-39.7	3794	11.2	-3.0	6.6	12.49	10.50	34.07	7.07	.18
90/03/16	07:35	03/16	17:33	51-28.2S	149-39.2	4056	11.2	-3.0	6.4	12.49	10.50	34.14	7.10	.17
90/03/16	07:40	03/16	17:38	51-27.5S	149-38.6	4057	11.2	-3.0	6.3	12.49	10.50	34.14	7.08	.17
90/03/16	07:45	03/16	17:43	51-26.9S	149-38.0	4086	11.2	-3.0	6.7	12.50	10.50	34.14	7.16	.16
90/03/16	07:50	03/16	17:48	51-26.1S	149-37.9	3809	11.3	-3.0	8.5	12.50	10.50	34.14	7.07	.16
90/03/16	07:55	03/16	17:53	51-25.2S	149-37.9	3446	11.3	-3.0	8.7	12.50	10.50	34.14	7.10	.16
90/03/16	08:00	03/16	17:58	51-24.2S	149-37.9	4042	11.2	-3.0	8.6	12.50	10.42	34.12	7.00	.16
90/03/16	08:05	03/16	18:03	51-23.0S	149-37.9	4012	11.2	-3.0	10.7	12.50	10.42	34.12	7.02	.17
90/03/16	08:10	03/16	18:08	51-22.2S	149-37.9	3530	11.2	-3.0	10.1	12.50	10.33	34.08	6.96	.17
90/03/16	08:15	03/16	18:13	51-21.1S	149-37.8	3901	11.2	-3.0	10.4	12.49	10.33	34.08	6.99	.17
90/03/16	08:20	03/16	18:18	51-20.0S	149-37.8	3945	11.1	-3.0	10.0	12.49	10.25	34.13	7.00	.17
90/03/16	08:25	03/16	18:23	51-19.0S	149-37.8	3923	11.1	-3.0	10.8	12.50	10.33	34.08	7.02	.17
90/03/16	08:30	03/16	18:28	51-17.9S	149-37.8	3925	11.1	-3.0	10.9	12.50	10.25	34.13	7.01	.18
90/03/16	08:35	03/16	18:33	51-16.7S	149-37.8	3859	11.1	-3.0	10.2	12.49	10.25	34.06	6.99	.18
90/03/16	08:40	03/16	18:38	51-15.7S	149-37.7	3743	11.1	-3.0	10.5	12.49	10.25	34.06	7.02	.18
90/03/16	08:45	03/16	18:43	51-14.6S	149-37.7	3912	11.2	-3.0	10.5	12.49	10.25	34.06	7.03	.18
90/03/16	08:50	03/16	18:48	51-13.3S	149-37.7	3922	11.2	-3.0	10.9	12.49	10.25	34.13	6.98	.18
90/03/16	08:55	03/16	18:53	51-12.1S	149-40.0	3962	11.2	-3.0	11.1	12.49	10.33	34.08	6.98	.17
90/03/16	09:00	03/16	18:58	51-10.9S	149-40.2	3985	11.2	-3.0	10.7	12.49	10.33	34.08	6.98	.17
90/03/16	09:05	03/16	19:03	51-09.8S	149-40.5	3959	11.2	-3.0	10.9	12.49	10.33	34.08	7.01	.18
90/03/16	09:10	03/16	19:08	51-08.6S	149-40.8	3534	11.2	-3.0	10.9	12.49	10.33	34.08	6.96	.19
90/03/16	09:15	03/16	19:13	51-07.3S	149-41.2	4049	11.2	-3.0	11.1	12.49	10.33	34.08	6.99	.18
90/03/16	09:20	03/16	19:18	51-06.3S	149-41.9	3869	11.2	-3.0	11.2	12.49	10.33	34.08	7.01	.19
90/03/16	09:25	03/16	19:23	51-05.2S	149-42.3	3711	11.2	-3.0	10.7	12.49	10.33	34.08	6.97	.19
90/03/16	09:30	03/16	19:28	51-04.1S	149-42.6	3494	11.2	-3.0	11.0	12.49	10.33	34.08	7.03	.19
90/03/16	09:35	03/16	19:33	51-03.0S	149-43.0	3551	11.2	-3.0	10.7	12.49	10.33	34.08	7.01	.19
90/03/16	09:40	03/16	19:38	51-01.9S	149-43.3	3555	11.2	-3.0	10.6	12.49	10.25	34.06	6.98	.18
90/03/16	09:45	03/16	19:43	51-00.7S	149-43.6	3443	11.2	-3.0	10.5	12.49	10.25	34.06	6.98	.19
90/03/16	09:50	03/16	19:48	50-59.6S	149-44.0	3885	11.2	-3.0	10.2	12.49	10.25	34.06	7.01	.18
90/03/16	09:55	03/16	19:53	50-58.6S	149-44.3	3781	11.2	-3.0	11.2	12.49	10.17	34.03	7.00	.20
90/03/16	10:00	03/16	19:58	50-57.4S	149-44.7	3709	11.2	-3.0	10.6	12.49	10.17	34.03	6.98	.20
90/03/16	10:05	03/16	20:04	50-56.3S	149-45.1	3631	11.2	-3.0	10.5	12.49	10.17	34.03	7.00	.20
90/03/16	10:10	03/16	20:09	50-55.0S	149-45.5	3546	11.2	-3.0	10.5	12.49	10.17	34.03	7.02	.20

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/16	10:16	03/16	20:14	50-54.1S	149-46.7	3426	11.1	-3.0	10.2	12.49	10.26	34.08	6.98	.19
90/03/16	10:20	03/16	20:19	50-53.1S	149-46.1	3404	11.1	-3.0	10.8	12.49	10.17	34.03	7.01	.19
90/03/16	10:25	03/16	20:24	50-52.0S	149-46.4	3389	11.1	-3.0	10.8	12.49	10.09	34.00	8.98	.20
90/03/16	10:30	03/16	20:29	50-50.9S	149-46.7	3352	11.1	-3.0	10.6	12.49	10.01	33.90	6.97	.21
90/03/16	10:35	03/16	20:34	50-49.8S	149-47.1	3068	11.1	-3.0	10.7	12.49	9.85	33.98	7.00	.23
90/03/16	10:40	03/16	20:39	50-48.7S	149-47.4	2824	11.1	-3.0	10.1	12.49	9.85	33.98	7.01	.23
90/03/16	10:45	03/16	20:44	50-47.2S	149-48.1	2506	11.1	-3.0	10.9	12.49	9.85	33.91	7.02	.24
90/03/16	10:50	03/16	20:49	50-46.0S	149-48.4	2751	11.1	-3.0	10.4	12.49	9.77	33.95	7.03	.24
90/03/16	10:55	03/16	20:54	50-44.9S	149-48.8	2817	11.1	-3.0	10.8	12.49	9.69	33.92	7.03	.25
90/03/16	11:00	03/16	20:59	50-43.8S	149-49.1	2651	11.1	-3.0	10.8	12.49	9.53	33.93	7.03	.25
90/03/16	11:05	03/16	21:04	50-42.7S	149-49.5	2368	11.1	-3.0	10.4	12.50	9.37	33.87	7.05	.25
90/03/16	11:10	03/16	21:09	50-41.6S	149-49.5	2411	11.1	-3.0	10.6	12.50	9.29	33.92	7.05	.25
90/03/16	11:15	03/16	21:14	50-40.2S	149-49.9	1918	11.0	-3.0	10.9	12.50	9.45	33.91	7.07	.25
90/03/16	11:20	03/16	21:19	50-39.3S	149-50.2	4187	11.1	-3.0	10.8	12.50	9.61	33.89	7.07	.25
90/03/16	11:25	03/16	21:24	50-38.2S	149-50.5	4491	11.0	-3.0	10.6	12.50	9.45	33.91	7.06	.25
90/03/16	11:30	03/16	21:29	50-37.1S	149-50.9	5840	11.0	-3.0	10.3	12.50	9.13	33.86	7.10	.24
90/03/16	11:35	03/16	21:34	50-36.0S	149-51.2	4889	10.9	-3.0	9.9	12.50	8.89	33.91	7.07	.24
90/03/16	11:40	03/16	21:39	50-34.9S	149-51.5	4267	10.9	-3.0	10.6	12.50	8.97	33.87	7.10	.25
90/03/16	11:45	03/16	21:44	50-33.8S	149-51.9	4408	10.9	-3.0	10.6	12.50	8.97	33.87	7.10	.25
90/03/16	11:50	03/16	21:49	50-32.6S	149-52.3	2437	10.9	-3.0	10.7	12.50	8.97	33.87	7.10	.25
90/03/16	11:55	03/16	21:54	50-31.6S	149-52.6	2486	10.9	-3.0	10.6	12.50	8.97	33.87	7.09	.25
90/03/16	12:00	03/16	21:59	50-30.4S	149-52.8	2540	10.8	-3.0	10.2	12.50	8.73	33.84	7.12	.23
90/03/16	12:05	03/16	22:04	50-29.3S	149-52.9	2827	10.8	-3.0	10.6	12.50	8.73	33.84	7.10	.24
90/03/16	12:10	03/16	22:09	50-28.1S	149-53.0	2714	10.8	-3.0	10.6	12.50	8.65	33.89	7.12	.23
90/03/16	12:15	03/16	22:14	50-27.0S	149-53.1	2886	10.8	-3.0	10.6	12.50	8.57	33.86	7.10	.23
90/03/16	12:20	03/16	22:19	50-25.9S	149-53.2	3060	10.9	-3.0	10.2	12.50	8.89	33.91	7.11	.24
90/03/16	12:25	03/16	22:24	50-24.7S	149-53.3	2836	10.9	-3.0	11.4	12.50	8.97	33.87	7.10	.23
90/03/16	12:30	03/16	22:29	50-24.2S	149-53.7	3127	11.0	-3.0	10.7	12.50	9.05	33.89	7.07	.24
90/03/16	12:35	03/16	22:34	50-23.2S	149-53.8	3114	11.0	-3.0	10.6	12.50	9.37	33.94	7.08	.25
90/03/16	12:40	03/16	22:39	50-22.0S	149-53.9	3158	11.0	-3.0	11.2	12.50	9.53	33.93	7.09	.25
90/03/16	12:45	03/16	22:44	50-20.9S	149-54.0	3180	11.1	-3.0	10.8	12.50	9.77	33.95	7.06	.25
90/03/16	12:50	03/16	22:49	50-19.7S	149-54.1	3194	11.1	-3.0	11.4	12.50	9.85	33.98	7.04	.26
90/03/16	12:55	03/16	22:54	50-19.0S	149-55.0	3176	11.1	-3.0	10.8	12.50	9.85	33.98	7.02	.25
90/03/16	13:00	03/16	22:59	50-17.9S	149-55.1	3194	11.1	-3.0	11.3	12.50	9.85	33.98	7.02	.25
90/03/16	13:05	03/16	23:04	50-16.7S	149-55.2	3177	11.1	-3.0	11.4	12.50	9.85	33.98	8.99	.27
90/03/16	13:10	03/16	23:09	50-15.6S	149-55.3	2908	11.2	-3.0	10.6	12.49	9.77	33.95	7.00	.25
90/03/16	13:15	03/16	23:14	50-14.6S	149-55.4	3056	11.2	-3.0	11.0	12.49	9.93	33.94	7.03	.26
90/03/16	13:20	03/16	23:19	50-13.4S	149-55.6	2975	11.2	-3.0	11.3	12.50	9.53	33.93	7.00	.24
90/03/16	13:25	03/16	23:24	50-12.2S	149-55.7	3385	11.2	-3.0	10.6	12.49	9.53	33.93	7.02	.24
90/03/16	13:30	03/16	23:29	50-11.2S	149-55.9	3000	11.3	-3.0	11.0	12.50	10.01	33.90	7.06	.25
90/03/16	13:35	03/16	23:34	50-10.0S	149-56.0	4317	11.4	-3.0	10.8	12.49	10.25	33.92	7.03	.24
90/03/16	13:40	03/16	23:39	50-08.9S	149-56.1	4251	11.4	-3.0	11.2	12.49	10.42	33.97	7.05	.25
90/03/16	13:45	03/16	23:44	50-07.7S	149-56.2	3927	11.4	-3.0	10.0	12.49	10.50	34.01	6.98	.24
90/03/16	13:50	03/16	23:49	50-06.7S	149-56.4	4277	11.4	-3.0	10.7	12.49	10.58	33.96	7.00	.24
90/03/16	13:55	03/16	23:54	50-05.6S	149-56.5	4220	11.4	-3.0	11.3	12.49	10.58	33.96	6.97	.24
90/03/16	14:00	03/16	23:59	50-04.4S	149-56.6	4148	11.4	-3.0	10.8	12.49	10.58	33.96	6.96	.25
90/03/16	14:05	03/17	00:04	50-03.3S	149-56.8	4092	11.4	-3.0	10.4	12.49	10.58	33.96	7.01	.25
90/03/16	14:10	03/17	00:09	50-02.2S	149-56.9	4049	11.4	-3.0	11.0	12.49	10.58	34.03	6.98	.25
90/03/16	14:15	03/17	00:14	50-01.1S	149-57.0	4077	11.4	-3.0	11.1	12.49	10.58	34.03	8.95	.24
90/03/16	14:20	03/17	00:19	49-59.9S	149-57.1	4075	11.4	-3.0	11.6	12.49	10.86	33.99	6.98	.23
90/03/16	14:25	03/17	00:24	50-00.0S	149-58.7	4077	11.4	-3.0	11.3	12.49	10.86	34.06	6.94	.23

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/16	14:30	03/17	00:29	49-58.9S	149-58.9	4100	11.4	-3.0	11.3	12.50	10.86	33.99	6.94	.24
90/03/16	14:35	03/17	00:34	49-57.8S	149-59.0	4118	11.4	-3.0	10.9	12.49	10.50	34.01	6.95	.26
90/03/16	14:40	03/17	00:39	49-56.7S	149-59.0	4069	11.4	-3.0	11.7	12.49	10.50	33.93	6.94	.23
90/03/16	14:45	03/17	00:44	49-55.6S	149-59.1	4165	11.4	-3.0	11.5	12.49	10.42	33.97	6.92	.23
90/03/16	14:50	03/17	00:49	49-54.8S	149-58.6	4161	11.4	-3.0	11.2	12.49	10.42	33.97	6.95	.24
90/03/16	14:55	03/17	00:54	49-53.7S	149-58.6	4104	11.4	-3.0	11.0	12.49	10.42	33.97	6.95	.25
90/03/16	15:00	03/17	00:59	49-52.6S	149-58.7	4109	11.4	-3.0	11.1	12.50	10.42	33.97	6.98	.26
90/03/16	15:05	03/17	01:04	49-51.5S	149-58.7	4005	11.4	-3.0	10.9	12.50	10.42	33.97	6.97	.27
90/03/16	15:10	03/17	01:09	49-50.5S	149-59.0	3976	11.4	-3.0	10.7	12.50	10.42	33.97	7.01	.27
90/03/16	15:15	03/17	01:14	49-49.4S	149-59.1	3876	11.4	-3.0	11.1	12.49	10.42	33.97	6.97	.26
90/03/16	15:20	03/17	01:19	49-48.3S	149-59.2	3880	11.5	-3.0	10.9	12.49	10.42	33.97	6.98	.26
90/03/16	15:25	03/17	01:24	49-47.3S	149-59.2	3890	11.5	-3.0	10.9	12.50	10.42	33.97	6.97	.26
90/03/16	15:30	03/17	01:29	49-46.2S	149-59.2	3884	11.5	-3.0	11.1	12.50	10.42	33.97	6.98	.26
90/03/16	15:35	03/17	01:34	49-45.1S	149-59.3	3887	11.6	-3.0	10.4	12.49	10.42	33.97	6.94	.24
90/03/16	15:40	03/17	01:39	49-44.1S	149-59.3	3889	11.6	-3.0	10.9	12.50	10.42	33.97	6.96	.23
90/03/16	15:45	03/17	01:44	49-43.1S	149-59.4	3970	11.6	-3.0	11.0	12.50	10.50	34.01	6.93	.19
90/03/16	15:50	03/17	01:49	49-42.0S	149-59.5	3960	11.7	-3.0	11.2	12.49	10.50	34.01	6.94	.16
90/03/16	15:55	03/17	01:54	49-41.0S	149-59.6	3526	11.7	-3.0	10.4	12.49	10.50	34.01	6.93	.17
90/03/16	16:00	03/17	01:59	49-40.0S	149-59.6	3214	11.7	-3.0	10.3	12.49	10.50	34.01	6.94	.17
90/03/16	16:05	03/17	02:04	49-38.9S	149-59.7	3189	11.7	-3.0	9.7	12.49	10.42	33.97	6.97	.17
90/03/16	16:10	03/17	02:09	49-38.0S	149-59.8	3094	11.8	-3.0	8.7	12.49	10.42	33.97	6.97	.17
90/03/16	16:15	03/17	02:14	49-37.1S	149-59.9	3018	11.8	-3.0	8.8	12.49	10.42	33.97	6.96	.16
90/03/16	16:20	03/17	02:19	49-36.3S	149-59.9	2950	11.8	-3.0	9.1	12.49	10.42	33.97	6.97	.17
90/03/16	16:25	03/17	02:25	49-35.4S	150-00.0	2964	11.9	-3.0	8.4	12.49	10.42	33.97	6.97	.17
90/03/16	16:30	03/17	02:30	49-34.6S	150-00.1	3004	11.9	-3.0	8.9	12.49	10.50	34.01	6.96	.17
90/03/16	16:35	03/17	02:35	49-33.6S	150-00.1	2997	11.9	-3.0	8.6	12.49	10.50	34.01	6.98	.16
90/03/16	16:40	03/17	02:40	49-32.7S	150-00.2	2954	12.0	-3.0	9.1	12.49	10.58	33.96	6.96	.17
90/03/16	16:45	03/17	02:45	49-31.9S	150-00.2	2889	12.0	-3.0	8.7	12.49	10.66	34.06	6.97	.16
90/03/16	16:50	03/17	02:50	49-31.0S	150-00.3	2754	12.0	-3.0	8.6	12.49	10.98	34.03	7.00	.18
90/03/16	16:55	03/17	02:55	49-30.1S	150-00.4	2687	12.1	-3.0	8.8	12.49	11.22	34.05	6.99	.19
90/03/16	17:00	03/17	03:00	49-28.9S	150-01.2	2664	12.1	-3.0	9.3	12.49	11.30	34.08	6.98	.19
90/03/16	17:05	03/17	03:05	49-28.0S	150-01.3	2578	12.1	-3.0	9.0	12.49	11.30	34.15	6.96	.20
90/03/16	17:10	03/17	03:10	49-27.0S	150-01.4	2484	12.3	-3.0	9.5	12.49	11.38	34.11	6.95	.20
90/03/16	17:15	03/17	03:15	49-26.0S	150-01.4	2306	12.2	-3.0	10.0	12.49	11.38	34.11	6.95	.20
90/03/16	17:20	03/17	03:20	49-25.1S	150-01.5	2207	12.2	-3.0	9.8	12.47	11.46	34.13	6.90	.19
90/03/16	17:25	03/17	03:25	49-24.1S	150-01.6	2127	12.2	-3.0	9.8	12.49	11.54	34.16	6.90	.19
90/03/16	17:30	03/17	03:30	49-23.2S	150-01.5	2085	12.3	-3.0	9.7	12.49	11.62	34.19	6.89	.19
90/03/16	17:35	03/17	03:35	49-22.2S	150-01.5	2044	12.3	-3.0	10.3	12.49	11.78	34.18	6.88	.19
90/03/16	17:40	03/17	03:40	49-21.2S	150-01.5	2015	12.2	-3.0	10.2	12.49	11.78	34.18	6.87	.19
90/03/16	17:45	03/17	03:45	49-20.2S	150-01.4	1735	12.3	-3.0	10.5	12.49	11.70	34.15	6.85	.18
90/03/16	17:50	03/17	03:50	49-19.1S	150-01.4	1957	12.2	-3.0	10.8	12.49	11.70	34.15	6.84	.19
90/03/16	17:55	03/17	03:55	49-18.2S	150-01.4	1916	12.2	-3.0	9.8	12.49	11.70	34.15	6.83	.18
90/03/16	18:00	03/17	04:00	49-17.2S	150-01.4	1912	12.2	-3.0	10.2	12.49	11.70	34.15	6.87	.20
90/03/16	18:05	03/17	04:05	49-16.0S	150-00.1	1857	12.2	-3.0	10.8	12.49	11.62	34.19	6.85	.19
90/03/16	18:10	03/17	04:09	49-14.9S	149-59.9	1794	12.2	-3.0	9.9	12.49	11.54	34.16	6.84	.19
90/03/16	18:15	03/17	04:14	49-13.9S	149-59.9	1764	12.2	-3.0	10.2	12.49	11.54	34.16	6.84	.19
90/03/16	18:20	03/17	04:19	49-12.9S	149-59.8	1743	12.2	-3.0	9.9	12.49	11.62	34.19	6.84	.18
90/03/16	18:25	03/17	04:24	49-11.9S	149-59.8	1722	12.1	-3.0	10.4	12.49	11.62	34.19	6.86	.18
90/03/16	18:30	03/17	04:29	49-11.3S	149-59.5	711	12.1	-3.0	10.8	12.47	11.70	34.22	6.84	.17
90/03/16	18:35	03/17	04:34	49-10.3S	149-59.4	1676	12.2	-3.0	10.6	12.49	11.70	34.15	6.82	.17
90/03/16	18:40	03/17	04:39	49-09.2S	149-59.3	1853	12.1	-3.0	10.7	12.49	11.38	34.11	6.82	.17

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			(m)	[°C]	[°C]	[kt]	[l/m]	[°C]	[psu]	[ml/l]	[ug/l]
90/03/16	18:45	03/17	04:44	49-08.3S	149-59.1	1633	12.2	-3.0	10.6	12.49	11.22	34.06	8.80	.16
90/03/16	18:50	03/17	04:49	49-07.3S	149-59.0	1612	12.1	-3.0	10.4	12.49	11.14	34.09	8.85	.17
90/03/16	18:55	03/17	04:54	49-06.3S	149-58.9	1589	12.2	-3.0	10.3	12.49	11.22	34.12	8.87	.20
90/03/16	19:00	03/17	04:59	49-05.3S	149-58.8	1589	12.2	-3.0	11.0	12.49	11.30	34.08	8.84	.21
90/03/16	19:05	03/17	05:04	49-04.3S	149-58.7	1297	12.2	-3.0	10.5	12.49	11.30	34.08	8.86	.21
90/03/16	19:10	03/17	05:09	49-03.2S	149-58.6	1528	12.2	-3.0	10.4	12.49	11.30	34.16	8.84	.22
90/03/16	19:15	03/17	05:14	49-02.2S	149-58.5	1500	12.2	-3.0	10.2	12.47	11.30	34.15	8.85	.23
90/03/16	19:20	03/17	05:19	49-01.3S	149-58.4	1488	12.2	-3.0	10.3	12.49	11.38	34.18	8.85	.23
90/03/16	19:25	03/17	05:24	49-00.4S	149-57.2	1458	12.1	-3.0	10.0	12.47	11.54	34.18	8.84	.22
90/03/16	19:30	03/17	05:29	48-59.4S	149-57.2	1438	12.2	-3.0	10.0	12.49	11.54	34.18	8.87	.22
90/03/16	19:35	03/17	05:34	48-58.4S	149-57.3	1485	12.2	-3.0	9.9	12.49	11.82	34.19	8.85	.22
90/03/16	19:40	03/17	05:39	48-57.4S	149-57.4	1483	12.2	-3.0	10.3	12.49	11.78	34.18	8.84	.20
90/03/16	19:45	03/17	05:44	48-56.5S	149-57.5	1489	12.2	-3.0	10.3	12.50	11.88	34.20	8.85	.19
90/03/16	19:50	03/17	05:49	48-55.5S	149-57.7	1485	12.2	-3.0	9.8	12.49	11.94	34.23	8.80	.18
90/03/16	19:55	03/17	05:54	48-54.5S	149-57.8	1477	12.1	-3.0	10.0	12.49	11.94	34.23	8.84	.18
90/03/16	20:00	03/17	05:59	48-53.5S	149-57.9	1486	12.2	-3.0	10.0	12.50	11.94	34.23	8.80	.18
90/03/16	20:05	03/17	06:04	48-53.0S	149-58.0	1451	12.2	-3.0	9.7	12.50	11.94	34.23	8.82	.18
90/03/16	20:10	03/17	06:09	48-52.0S	149-58.1	1445	12.2	-3.0	10.0	12.50	11.94	34.23	8.80	.17
90/03/16	20:15	03/17	06:14	48-51.0S	149-58.2	1443	12.2	-3.0	10.4	12.49	11.94	34.23	8.79	.17
90/03/16	20:20	03/17	06:19	48-50.0S	149-58.3	1137	12.2	-3.0	10.2	12.50	11.94	34.23	8.77	.18
90/03/16	20:25	03/17	06:24	48-49.1S	149-58.4	1453	12.2	-3.0	10.3	12.50	11.94	34.23	8.79	.17
90/03/16	20:30	03/17	06:29	48-48.1S	149-58.5	1464	12.2	-3.0	10.5	12.50	11.94	34.23	8.78	.17
90/03/16	20:35	03/17	06:34	48-47.1S	149-58.6	1462	12.2	-3.0	10.4	12.50	11.94	34.23	8.74	.18
90/03/16	20:40	03/17	06:39	48-46.1S	149-58.7	1448	12.2	-3.0	8.9	12.50	11.78	34.24	8.77	.19
90/03/16	20:45	03/17	06:44	48-45.2S	149-58.8	1422	12.2	-3.0	9.0	12.49	11.78	34.18	8.79	.20
90/03/16	20:50	03/17	06:49	48-44.5S	149-58.8	1386	12.2	-3.0	8.8	12.50	11.82	34.19	8.79	.20
90/03/16	20:55	03/17	06:54	48-43.8S	149-58.4	1343	12.2	-3.0	8.7	12.50	11.46	34.13	8.61	.22
90/03/16	21:00	03/17	06:59	48-42.7S	149-58.3	1311	12.3	-3.0	9.1	12.50	11.30	34.15	8.78	.22
90/03/16	21:05	03/17	07:04	48-41.8S	149-58.3	1362	12.1	-3.0	8.3	12.50	11.06	33.99	8.77	.20
90/03/16	21:10	03/17	07:09	48-41.0S	149-58.1	1403	12.2	-3.0	8.7	12.50	10.90	34.01	8.62	.20
90/03/16	21:15	03/17	07:14	48-40.8S	149-58.9	0	12.1	-3.0	8.5	12.50	10.82	34.05	8.84	.20
90/03/16	21:20	03/17	07:19	48-39.8S	149-58.8	1478	12.3	-3.0	9.1	12.50	10.82	33.98	8.84	.21
90/03/16	21:25	03/17	07:24	48-38.9S	149-58.5	1477	12.2	-3.0	8.1	12.50	10.82	33.98	8.85	.20
90/03/16	21:30	03/17	07:29	48-38.2S	149-58.2	1492	12.2	-3.0	8.8	12.50	10.82	33.98	8.87	.21
90/03/16	21:35	03/17	07:34	48-37.3S	149-55.9	1517	0.0	-3.0	0.0	12.50	10.74	33.95	8.65	.20
90/03/16	21:40	03/17	07:39	48-36.5S	149-55.8	1541	12.3	-3.0	8.2	12.50	10.74	33.95	8.84	.21
90/03/16	21:45	03/17	07:44	48-35.7S	149-55.3	1564	12.3	-3.0	9.0	12.50	10.82	33.98	8.88	.22
90/03/16	21:50	03/17	07:49	48-34.9S	149-55.0	1591	12.3	-3.0	8.7	12.50	10.90	34.01	8.85	.22
90/03/16	21:55	03/17	07:54	48-34.1S	149-54.7	1601	12.4	-3.0	8.6	12.50	10.98	34.03	8.85	.19
90/03/16	22:00	03/17	07:59	48-33.5S	149-53.4	1601	12.4	-3.0	8.9	12.50	11.30	34.08	8.88	.17
90/03/16	22:05	03/17	08:04	48-32.7S	149-53.5	1580	12.3	-3.0	8.6	12.49	11.22	33.98	8.84	.19
90/03/16	22:10	03/17	08:09	48-31.8S	149-53.8	1614	12.2	-3.0	10.9	12.49	10.98	34.03	8.85	.20
90/03/16	22:15	03/17	08:14	48-30.8S	149-54.0	1617	12.2	-3.0	10.5	12.49	10.98	34.03	8.87	.20
90/03/16	22:20	03/17	08:19	48-29.9S	149-54.2	1619	12.2	-3.0	10.5	12.49	11.06	34.07	8.84	.18
90/03/16	22:25	03/17	08:24	48-28.9S	149-54.5	1640	12.2	-3.0	10.3	12.49	11.22	34.05	8.85	.17
90/03/16	22:30	03/17	08:29	48-28.0S	149-54.7	1644	12.1	-3.0	10.2	12.49	11.46	34.13	8.85	.17
90/03/16	22:35	03/17	08:34	48-28.9S	149-55.0	1517	12.1	-3.0	10.9	12.49	11.54	34.09	8.85	.17
90/03/16	22:40	03/17	08:39	48-28.0S	149-55.2	1476	12.1	-3.0	10.8	12.49	11.38	34.11	8.80	.17
90/03/16	22:45	03/17	08:44	48-25.0S	149-55.4	1486	12.1	-3.0	10.4	12.49	11.46	34.07	8.80	.17
90/03/16	22:50	03/17	08:49	48-24.1S	149-55.7	1462	12.1	-3.0	10.1	12.49	11.38	34.11	8.82	.17
90/03/16	22:55	03/17	08:54	48-23.1S	149-56.0	1470	12.1	-3.0	10.4	12.49	11.46	34.13	8.83	.15

GMT		LMT		Lat	Long	Depth	A temp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/16	23:00	03/17	08:59	48-22.1S	149-56.3	1478	12.1	-3.0	10.8	12.49	11.54	34.09	6.81	.15
90/03/16	23:05	03/17	09:04	48-21.2S	149-56.5	1494	12.1	-3.0	10.1	12.49	11.46	34.07	6.79	.17
90/03/16	23:10	03/17	09:09	48-20.2S	149-56.8	1518	12.1	-3.0	10.1	12.49	11.46	34.13	8.81	.16
90/03/16	23:15	03/17	09:14	48-19.3S	149-57.1	1546	12.1	-3.0	10.9	12.49	11.54	34.09	6.81	.15
90/03/16	23:20	03/17	09:19	48-18.3S	149-57.3	1603	12.2	-3.0	10.5	12.47	11.70	34.15	6.80	.15
90/03/16	23:25	03/17	09:24	48-17.3S	149-57.6	1643	12.2	-3.0	10.7	12.47	11.78	34.11	6.80	.15
90/03/16	23:30	03/17	09:29	48-16.3S	149-57.8	1548	12.2	-3.0	10.7	12.47	11.78	34.18	6.80	.17
90/03/16	23:35	03/17	09:34	48-15.4S	149-58.0	1743	12.2	-3.0	10.5	12.47	11.78	34.18	6.79	.17
90/03/16	23:40	03/17	09:39	48-14.4S	149-58.3	1654	12.1	-3.0	10.8	12.47	11.78	34.18	6.79	.17
90/03/16	23:45	03/17	09:44	48-13.4S	149-58.5	1863	12.1	-3.0	10.7	12.47	11.78	34.18	6.78	.18
90/03/16	23:50	03/17	09:49	48-12.5S	149-59.2	1923	12.1	-3.0	10.9	12.47	11.78	34.18	6.80	.17
90/03/16	23:55	03/17	09:54	48-11.5S	149-59.4	2040	12.1	-3.0	10.6	12.47	11.78	34.18	6.78	.18
90/03/17	00:00	03/17	09:59	48-10.6S	149-59.7	1904	12.1	-3.0	10.5	12.47	11.86	34.14	6.77	.18
90/03/17	00:05	03/17	10:04	48-09.6S	149-59.9	2158	12.1	-3.0	10.8	12.49	11.86	34.14	6.77	.17
90/03/17	00:10	03/17	10:10	48-08.6S	150-00.2	2202	12.1	-3.0	11.2	12.47	11.78	34.18	6.76	.15
90/03/17	00:15	03/17	10:15	48-07.6S	150-00.4	2148	12.2	-3.0	10.9	12.47	11.78	34.18	6.75	.14
90/03/17	00:20	03/17	10:20	48-06.6S	150-00.4	0	12.2	-3.0	11.0	12.47	11.78	34.11	6.76	.15
90/03/17	00:25	03/17	10:25	48-05.6S	150-00.4	1024	12.3	-3.0	11.0	12.47	11.78	34.11	6.76	.14
90/03/17	00:30	03/17	10:30	48-04.6S	150-00.5	2181	12.4	-3.0	10.9	12.47	11.70	34.15	6.75	.14
90/03/17	00:35	03/17	10:35	48-03.6S	150-00.5	2208	12.4	-3.0	10.6	12.47	11.70	34.15	6.74	.15
90/03/17	00:40	03/17	10:40	48-02.6S	150-00.5	2147	12.5	-3.0	10.5	12.47	11.78	34.11	6.76	.14
90/03/17	00:45	03/17	10:45	48-01.6S	150-00.5	2098	12.5	-3.0	11.0	12.47	11.78	34.18	6.79	.14
90/03/17	00:50	03/17	10:50	48-00.6S	150-00.6	2044	12.5	-3.0	11.3	12.47	11.86	34.14	6.75	.13
90/03/17	00:55	03/17	10:55	47-59.6S	150-00.6	2213	12.5	-3.0	11.0	12.47	11.94	34.16	6.74	.13
90/03/17	01:00	03/17	11:00	47-58.4S	150-00.6	2287	12.6	-3.0	11.2	12.47	11.94	34.16	6.74	.12
90/03/17	01:05	03/17	11:05	47-57.4S	150-00.7	2217	12.7	-3.0	10.8	12.47	12.02	34.12	6.74	.12
90/03/17	01:10	03/17	11:10	47-56.3S	150-00.7	2174	12.7	-3.0	11.4	12.47	12.02	34.12	6.74	.12
90/03/17	01:15	03/17	11:15	47-55.3S	150-00.7	2040	12.7	-3.0	10.5	12.47	12.02	34.12	6.73	.13
90/03/17	01:20	03/17	11:20	47-54.3S	150-00.7	1987	12.7	-3.0	10.9	12.47	11.86	34.14	6.72	.12
90/03/17	01:25	03/17	11:25	47-53.3S	150-00.8	1950	12.8	-3.0	11.1	12.47	11.86	34.14	6.72	.13
90/03/17	01:30	03/17	11:30	47-52.3S	150-00.8	1868	12.8	-3.0	11.1	12.47	11.94	34.16	6.74	.13
90/03/17	01:35	03/17	11:35	47-51.3S	150-00.8	2089	12.8	-3.0	10.9	12.47	11.94	34.16	6.72	.13
90/03/17	01:40	03/17	11:39	47-51.0S	149-59.8	2386	12.9	-3.0	4.6	12.47	12.26	34.14	6.72	.11
90/03/17	01:45	03/17	11:44	47-51.0S	149-59.6	2358	13.3	-3.0	.1	12.49	12.26	34.14	6.79	.12
90/03/17	01:50	03/17	11:49	47-50.9S	149-59.5	2353	13.6	-3.0	.4	12.49	12.18	34.18	6.71	.14
90/03/17	01:55	03/17	11:54	47-50.9S	149-59.5	2351	13.9	-3.0	.5	12.49	12.26	34.14	6.71	.12
90/03/17	02:00	03/17	11:59	47-50.9S	149-59.5	2344	13.3	-3.0	.4	12.49	12.26	34.14	6.71	.12
90/03/17	02:05	03/17	12:04	47-50.8S	149-59.5	2271	13.3	-3.0	.4	12.49	12.26	34.14	6.69	.13
90/03/17	02:10	03/17	12:09	47-50.8S	149-59.4	2185	13.3	-3.0	.4	12.47	12.26	34.14	6.69	.13
90/03/17	02:15	03/17	12:14	47-50.8S	149-59.4	2158	13.3	-3.0	.2	12.47	12.26	34.14	6.69	.13
90/03/17	02:20	03/17	12:19	47-50.7S	149-59.3	2177	13.3	-3.0	.3	12.47	12.26	34.20	6.68	.12
90/03/17	02:25	03/17	12:24	47-50.6S	149-59.3	2155	13.3	-3.0	.2	12.47	12.34	34.17	6.67	.13
90/03/17	02:30	03/17	12:29	47-50.6S	149-59.3	2070	13.3	-3.0	.4	12.47	12.34	34.17	6.67	.12
90/03/17	02:35	03/17	12:34	47-50.6S	149-59.3	2072	13.3	-3.0	.3	12.47	12.34	34.17	6.67	.12
90/03/17	02:40	03/17	12:39	47-50.6S	149-59.3	2015	13.3	-3.0	.4	12.47	12.34	34.17	6.66	.12
90/03/17	02:45	03/17	12:44	47-50.6S	149-59.2	1950	13.4	-3.0	.4	12.46	12.34	34.17	6.66	.13
90/03/17	02:50	03/17	12:49	47-50.6S	149-59.2	1962	13.5	-3.0	.2	12.46	12.34	34.17	6.65	.13
90/03/17	02:55	03/17	12:54	47-50.4S	149-59.2	1671	13.5	-3.0	.3	12.46	12.34	34.17	6.65	.13
90/03/17	03:00	03/17	12:59	47-50.3S	149-59.2	2153	13.5	-3.0	.4	12.46	12.26	34.14	6.64	.13
90/03/17	03:05	03/17	13:04	47-50.3S	149-59.1	2187	13.5	-3.0	.4	12.46	12.26	34.14	6.66	.14
90/03/17	03:10	03/17	13:09	47-50.3S	149-59.1	1421	13.5	-3.0	.3	12.46	12.18	34.18	6.64	.14

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/17	03:15	03/17	13:14	47-50.2S	149-59.0	2275	13.5	-3.0	.3	12.46	12.18	34.11	6.66	.15
90/03/17	03:20	03/17	13:19	47-50.2S	149-59.0	2268	13.5	-3.0	.2	12.46	12.10	34.15	6.63	.14
90/03/17	03:25	03/17	13:24	47-50.1S	149-59.0	2184	13.4	-3.0	.4	12.46	12.02	34.12	6.65	.16
90/03/17	03:30	03/17	13:29	47-50.0S	149-59.0	2284	13.4	-3.0	.3	12.59	11.94	34.09	6.66	-.42
90/03/17	03:35	03/17	13:34	47-50.0S	149-58.9	2252	13.4	-3.0	.4	12.62	11.86	34.14	6.87	-3.70
90/03/17	03:40	03/17	13:39	47-50.0S	149-58.9	2260	13.4	-3.0	.5	12.44	11.86	34.14	6.71	.12
90/03/17	03:45	03/17	13:44	47-49.9S	149-58.9	2266	13.4	-3.0	.3	12.44	11.86	34.14	6.71	.12
90/03/17	03:50	03/17	13:50	47-54.3S	150-00.8	1805	13.5	-3.0	.5	12.44	11.86	34.14	6.89	.11
90/03/17	03:55	03/17	13:55	47-54.4S	150-00.8	2074	13.5	-3.0	.2	12.44	11.86	34.14	6.71	.11
90/03/17	04:00	03/17	14:00	47-54.5S	150-00.9	2297	13.4	-3.0	.2	12.44	11.94	34.09	6.71	.11
90/03/17	04:05	03/17	14:05	47-54.7S	150-01.0	2335	13.4	-3.0	.2	12.46	11.94	34.09	6.89	.12
90/03/17	04:10	03/17	14:10	47-54.6S	150-03.1	2238	13.4	-3.0	.4	12.46	11.94	34.09	6.69	.12
90/03/17	04:15	03/17	14:15	47-54.6S	150-03.2	2439	13.4	-3.0	1.2	12.46	11.86	34.14	6.70	.12
90/03/17	04:20	03/17	14:20	47-54.4S	150-03.0	1988	13.4	-3.0	9.5	12.46	11.94	34.09	6.71	.11
90/03/17	04:25	03/17	14:25	47-53.5S	150-03.0	2307	13.3	-3.0	10.9	12.44	11.94	34.16	6.72	.10
90/03/17	04:30	03/17	14:30	47-52.7S	150-03.0	2308	13.1	-3.0	10.9	12.44	11.86	34.14	6.71	.12
90/03/17	04:35	03/17	14:35	47-51.9S	150-03.1	2266	12.8	-3.0	11.2	12.44	12.18	34.18	6.71	.12
90/03/17	04:40	03/17	14:40	47-51.1S	150-03.1	1715	12.7	-3.0	10.7	12.44	12.34	34.17	6.69	.11
90/03/17	04:45	03/17	14:45	47-50.2S	150-03.1	1266	12.7	-3.0	10.6	12.44	12.42	34.12	6.71	.10
90/03/17	04:50	03/17	14:50	47-49.3S	150-03.1	2463	12.7	-3.0	11.1	12.44	12.34	34.17	6.68	.11
90/03/17	04:55	03/17	14:55	47-48.5S	150-03.1	2440	12.7	-3.0	11.2	12.44	12.34	34.17	6.68	.11
90/03/17	05:00	03/17	15:00	47-47.6S	150-03.1	2609	12.6	-3.0	11.0	12.44	12.26	34.14	6.71	.12
90/03/17	05:05	03/17	15:05	47-46.6S	150-03.1	2800	12.7	-3.0	11.1	12.44	12.18	34.11	6.69	.10
90/03/17	05:10	03/17	15:10	47-45.9S	150-03.1	3031	12.8	-3.0	11.2	12.44	12.10	34.15	6.68	.09
90/03/17	05:15	03/17	15:15	47-45.1S	150-03.2	3050	12.9	-3.0	11.2	12.44	12.10	34.15	6.67	.08
90/03/17	05:20	03/17	15:20	47-43.4S	150-01.6	2892	12.9	-3.0	11.3	12.44	12.10	34.15	6.68	.09
90/03/17	05:25	03/17	15:25	47-42.5S	150-01.5	2730	12.9	-3.0	11.4	12.44	12.10	34.15	6.67	.11
90/03/17	05:30	03/17	15:30	47-41.6S	150-01.5	2651	12.9	-3.0	11.4	12.44	12.10	34.15	6.68	.12
90/03/17	05:35	03/17	15:35	47-40.6S	150-01.4	2275	12.8	-3.0	11.2	12.44	12.10	34.15	6.68	.11
90/03/17	05:40	03/17	15:40	47-39.7S	150-01.4	2469	12.8	-3.0	11.4	12.44	12.10	34.15	6.67	.11
90/03/17	05:45	03/17	15:45	47-38.8S	150-01.3	2634	12.8	-3.0	11.4	12.46	12.10	34.15	6.68	.12
90/03/17	05:50	03/17	15:50	47-37.9S	150-01.3	2721	12.8	-3.0	10.8	12.44	12.10	34.15	6.69	.11
90/03/17	05:55	03/17	15:55	47-36.2S	150-02.0	2291	12.9	-3.0	11.1	12.44	12.10	34.15	6.67	.10
90/03/17	06:00	03/17	16:00	47-35.3S	150-02.0	1583	13.0	-3.0	11.0	12.44	12.10	34.15	6.66	.11
90/03/17	06:05	03/17	16:05	47-34.4S	150-02.0	1668	13.0	-3.0	11.1	12.44	12.18	34.18	6.66	.11
90/03/17	06:10	03/17	16:10	47-33.5S	150-01.9	3231	12.8	-3.0	11.3	12.44	12.26	34.14	6.67	.11
90/03/17	06:15	03/17	16:15	47-32.5S	150-01.9	2912	12.7	-3.0	11.2	12.44	12.26	34.14	6.66	.12
90/03/17	06:20	03/17	16:20	47-31.6S	150-01.9	3133	12.7	-3.0	11.4	12.44	12.18	34.18	6.64	.12
90/03/17	06:25	03/17	16:25	47-30.7S	150-01.9	3250	12.8	-3.0	11.2	12.44	12.26	34.14	6.63	.12
90/03/17	06:30	03/17	16:30	47-29.8S	150-01.9	1860	12.8	-3.0	11.7	12.44	12.26	34.14	6.65	.12
90/03/17	06:35	03/17	16:35	47-28.8S	150-01.9	3237	12.8	-3.0	11.3	12.44	12.34	34.10	6.64	.11
90/03/17	06:40	03/17	16:40	47-27.8S	150-01.8	2600	12.9	-3.0	11.6	12.44	12.26	34.14	6.64	.11
90/03/17	06:45	03/17	16:45	47-26.9S	150-01.8	3295	12.9	-3.0	11.6	12.44	12.26	34.14	6.63	.12
90/03/17	06:50	03/17	16:50	47-26.0S	150-01.8	3309	13.3	-3.0	11.6	12.44	12.26	34.14	6.64	.13
90/03/17	06:55	03/17	16:55	47-25.0S	150-01.7	3304	13.7	-3.0	10.7	12.46	12.50	34.15	6.82	.12
90/03/17	07:00	03/17	17:00	47-24.1S	150-01.7	3361	13.8	-3.0	11.4	12.46	13.23	34.25	6.64	.12
90/03/17	07:05	03/17	17:05	47-23.2S	150-01.7	3156	13.9	-3.0	11.5	12.46	13.30	34.22	6.63	.12
90/03/17	07:10	03/17	17:10	47-22.2S	150-01.7	3357	14.1	-3.0	11.5	12.46	12.99	34.18	6.56	.13
90/03/17	07:15	03/17	17:15	47-21.3S	150-01.7	3454	14.2	-3.0	11.3	12.44	13.78	34.30	6.61	.13
90/03/17	07:20	03/17	17:20	47-20.3S	150-01.7	3446	14.2	-3.0	11.4	12.44	14.02	34.25	6.58	.14
90/03/17	07:25	03/17	17:25	47-19.4S	150-01.7	3479	14.3	-3.0	11.6	12.44	14.02	34.32	6.55	.13

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/17	07:30	03/17	17:30	47-18.6S	150-01.6	3525	14.7	-3.0	11.3	12.44	14.02	34.25	6.53	.14
90/03/17	07:35	03/17	17:35	47-17.6S	150-01.6	3553	14.4	-3.0	11.3	12.44	14.02	34.32	6.53	.14
90/03/17	07:40	03/17	17:40	47-16.6S	150-01.6	3528	14.5	-3.0	11.4	12.44	14.10	34.28	6.51	.15
90/03/17	07:45	03/17	17:45	47-15.7S	150-01.6	3506	14.5	-3.0	11.7	12.44	14.10	34.28	6.50	.14
90/03/17	07:50	03/17	17:50	47-14.7S	150-01.6	3516	14.5	-3.0	11.4	12.44	14.10	34.28	6.51	.14
90/03/17	07:55	03/17	17:55	47-13.7S	150-01.5	3585	14.5	-3.0	11.4	12.44	14.02	34.32	6.49	.14
90/03/17	08:00	03/17	18:00	47-12.8S	150-01.5	3585	14.5	-3.0	11.4	12.44	14.02	34.25	6.48	.14
90/03/17	08:05	03/17	18:05	47-11.9S	150-01.5	3574	14.5	-3.0	11.2	12.44	14.02	34.32	6.50	.83
90/03/17	08:10	03/17	18:10	47-11.0S	150-01.4	3576	14.5	-3.0	11.1	12.44	14.02	34.32	6.51	.80
90/03/17	08:15	03/17	18:15	47-10.0S	150-01.4	3569	14.4	-3.0	10.9	12.44	14.10	34.28	6.49	.80
90/03/17	08:20	03/17	18:20	47-09.1S	150-01.4	3514	14.4	-3.0	11.1	12.44	14.10	34.28	6.51	.72
90/03/17	08:25	03/17	18:25	47-08.2S	150-01.4	3532	14.4	-3.0	11.4	12.44	14.10	34.28	6.51	.68
90/03/17	08:30	03/17	18:29	47-06.2S	149-59.0	2656	14.4	-3.0	12.5	12.44	13.94	34.29	6.48	.69
90/03/17	08:35	03/17	18:34	47-05.1S	149-58.9	4104	14.4	-3.0	12.9	12.44	14.02	34.25	6.50	.75
90/03/17	08:40	03/17	18:39	47-04.0S	149-58.8	4043	14.4	-3.0	12.3	12.44	14.02	34.25	6.49	.74
90/03/17	08:45	03/17	18:44	47-02.9S	149-58.7	3865	14.4	-3.0	12.8	12.44	14.02	34.25	6.49	.77
90/03/17	08:50	03/17	18:49	47-01.9S	149-58.6	3792	14.4	-3.0	12.7	12.44	14.02	34.25	6.51	.79
90/03/17	08:55	03/17	18:54	47-00.8S	149-58.5	3784	14.2	-3.0	12.8	12.44	14.02	34.25	6.48	.77
90/03/17	09:00	03/17	18:59	46-59.7S	149-58.4	3786	14.2	-3.0	12.8	12.44	14.10	34.28	6.48	.80
90/03/17	09:05	03/17	19:04	46-58.6S	149-58.3	3790	14.2	-3.0	12.4	12.44	14.10	34.28	6.48	.83
90/03/17	09:10	03/17	19:09	46-57.6S	149-58.2	3816	14.2	-3.0	12.5	12.44	14.10	34.28	6.49	.85
90/03/17	09:15	03/17	19:14	46-56.6S	149-58.1	3851	14.2	-3.0	12.7	12.44	14.02	34.25	6.51	.84
90/03/17	09:20	03/17	19:19	46-55.4S	149-58.0	1773	14.2	-3.0	12.4	12.44	14.02	34.25	6.49	.85
90/03/17	09:25	03/17	19:24	46-54.4S	149-57.9	3924	14.2	-3.0	12.7	12.44	14.02	34.25	6.49	.85
90/03/17	09:30	03/17	19:29	46-53.3S	149-57.8	3954	14.2	-3.0	12.5	12.44	14.02	34.25	6.49	.79
90/03/17	09:35	03/17	19:34	46-52.3S	149-57.8	4003	14.2	-3.0	12.4	12.44	13.94	34.23	6.51	.76
90/03/17	09:40	03/17	19:39	46-51.2S	149-57.8	4045	14.2	-3.0	12.8	12.44	13.86	34.27	6.51	.74
90/03/17	09:45	03/17	19:44	46-50.1S	149-57.8	4090	14.2	-3.0	12.9	12.44	13.86	34.27	6.53	.78
90/03/17	09:50	03/17	19:49	46-49.0S	149-57.8	4108	14.2	-3.0	13.0	12.44	13.86	34.20	6.52	.80
90/03/17	09:55	03/17	19:54	46-47.9S	149-57.9	3706	14.2	-3.0	12.6	12.44	13.94	34.23	6.51	.85
90/03/17	10:00	03/17	19:59	46-46.8S	149-58.1	3106	14.2	-3.0	12.4	12.44	13.86	34.27	6.52	.80
90/03/17	10:05	03/17	20:04	46-45.7S	149-58.1	2260	14.2	-3.0	12.7	12.44	13.70	34.28	6.50	.67
90/03/17	10:10	03/17	20:09	46-44.6S	149-58.1	2229	14.2	-3.0	12.8	12.44	13.70	34.21	6.52	.65
90/03/17	10:15	03/17	20:14	46-43.6S	149-58.2	0	14.2	-3.0	12.1	12.44	13.70	34.21	6.53	.56
90/03/17	10:20	03/17	20:19	46-42.5S	149-58.1	4177	14.2	-3.0	12.7	12.44	13.62	34.19	6.52	.51
90/03/17	10:25	03/17	20:24	46-41.4S	149-58.1	4181	14.1	-3.0	12.7	12.44	13.62	34.19	6.53	.55
90/03/17	10:30	03/17	20:29	46-40.3S	149-58.1	4185	14.3	-3.0	13.0	12.44	13.62	34.19	6.53	.60
90/03/17	10:35	03/17	20:34	46-39.2S	149-58.1	4175	14.1	-3.0	12.4	12.44	13.62	34.25	6.54	.62
90/03/17	10:40	03/17	20:39	46-38.2S	149-58.2	4186	14.2	-3.0	13.1	12.44	13.70	34.21	6.54	.65
90/03/17	10:45	03/17	20:44	46-37.1S	149-58.2	4188	14.2	-3.0	11.9	12.44	13.70	34.21	6.54	.66
90/03/17	10:50	03/17	20:49	46-36.0S	149-58.3	4188	14.2	-3.0	12.6	12.44	13.70	34.28	6.53	.67
90/03/17	10:55	03/17	20:54	46-34.9S	149-58.3	4200	14.3	-3.0	12.7	12.44	13.70	34.28	6.54	.87
90/03/17	11:00	03/17	20:59	46-33.8S	149-58.3	4181	14.3	-3.0	12.7	12.44	13.78	34.24	6.54	.65
90/03/17	11:05	03/17	21:04	46-32.7S	149-58.3	4178	14.3	-3.0	13.3	12.44	13.78	34.24	6.54	.66
90/03/17	11:10	03/17	21:09	46-31.6S	149-58.3	4170	14.3	-3.0	12.5	12.44	13.78	34.24	6.54	.66
90/03/17	11:15	03/17	21:14	46-30.5S	149-58.4	4155	14.3	-3.0	12.6	12.44	13.78	34.24	6.54	.67
90/03/17	11:20	03/17	21:19	46-29.4S	149-58.4	4128	14.3	-3.0	12.6	12.44	13.78	34.24	6.53	.69
90/03/17	11:25	03/17	21:24	46-28.3S	149-58.4	4105	14.3	-3.0	12.5	12.44	13.86	34.27	6.53	.71
90/03/17	11:30	03/17	21:29	46-27.2S	149-58.4	4121	14.3	-3.0	13.2	12.44	13.86	34.27	6.56	.77
90/03/17	11:35	03/17	21:34	46-26.1S	149-58.5	4136	14.3	-3.0	12.9	12.44	13.94	34.23	6.54	.75
90/03/17	11:40	03/17	21:39	46-25.1S	149-58.5	4152	14.3	-3.0	12.7	12.44	13.94	34.23	6.53	.74

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/17	11:45	03/17	21:44	46-23.9S	149-58.6	4161	14.3	-3.0	12.5	12.44	13.86	34.27	6.52	.74
90/03/17	11:50	03/17	21:49	46-22.7S	149-57.8	4176	14.3	-3.0	12.9	12.46	13.86	34.27	6.53	.71
90/03/17	11:55	03/17	21:54	46-21.8S	149-57.8	3368	14.2	-3.0	12.3	12.44	13.78	34.24	6.51	.55
90/03/17	12:00	03/17	21:59	46-20.5S	149-57.8	3702	14.2	-3.0	12.7	12.44	13.78	34.24	6.52	.58
90/03/17	12:05	03/17	22:04	46-19.4S	149-57.8	4198	14.2	-3.0	12.5	12.44	13.78	34.24	6.53	.60
90/03/17	12:10	03/17	22:09	46-18.3S	149-57.8	4219	14.2	-3.0	12.8	12.44	13.78	34.24	6.53	.82
90/03/17	12:15	03/17	22:14	46-17.2S	149-57.8	4239	14.1	-3.0	12.7	12.44	13.70	34.28	6.53	.82
90/03/17	12:20	03/17	22:19	46-16.1S	149-57.8	4090	14.1	-3.0	12.7	12.44	13.62	34.19	6.53	.61
90/03/17	12:25	03/17	22:24	46-14.9S	149-57.8	4324	14.1	-3.0	12.8	12.44	13.48	34.20	6.53	.60
90/03/17	12:30	03/17	22:29	46-13.8S	149-57.8	4298	14.1	-3.0	12.5	12.44	13.38	34.18	6.53	.60
90/03/17	12:35	03/17	22:34	46-12.8S	149-57.8	4341	14.1	-3.0	12.7	12.44	13.30	34.22	6.55	.60
90/03/17	12:40	03/17	22:39	46-11.6S	149-57.8	3981	14.1	-3.0	13.2	12.44	13.46	34.20	6.56	.85
90/03/17	12:45	03/17	22:44	46-10.6S	149-57.8	3828	14.1	-3.0	12.9	12.44	13.54	34.16	6.56	.63
90/03/17	12:50	03/17	22:49	46-09.7S	149-57.8	3476	14.1	-3.0	12.7	12.44	13.70	34.21	6.56	.60
90/03/17	12:55	03/17	22:54	46-08.3S	149-57.8	4157	14.1	-3.0	12.9	12.44	13.70	34.21	6.56	.57
90/03/17	13:00	03/17	22:59	46-07.2S	149-57.8	4475	14.1	-3.0	13.2	12.44	13.70	34.21	6.57	.61
90/03/17	13:05	03/17	23:04	46-06.1S	149-57.8	4846	14.1	-3.0	12.3	12.44	13.70	34.21	6.54	.56
90/03/17	13:10	03/17	23:09	46-05.2S	149-57.8	4846	14.1	-3.0	12.9	12.44	13.78	34.24	6.56	.84
90/03/17	13:15	03/17	23:14	46-03.8S	149-57.8	4646	14.1	-3.0	13.1	12.44	13.78	34.24	6.56	.71
90/03/17	13:20	03/17	23:19	46-02.8S	149-57.8	4646	14.1	-3.0	12.7	12.44	13.70	34.21	6.52	.63
90/03/17	13:25	03/17	23:24	46-01.7S	149-57.8	4846	14.1	-3.0	12.8	12.44	13.70	34.21	6.54	.61
90/03/17	13:30	03/17	23:29	46-00.5S	149-57.8	4643	14.1	-3.0	12.9	12.44	13.70	34.21	6.53	.45
90/03/17	13:35	03/17	23:34	45-59.4S	149-57.8	4407	14.2	-3.0	13.0	12.44	13.70	34.21	6.53	.58
90/03/17	13:40	03/17	23:39	45-58.3S	149-57.8	3599	14.2	-3.0	12.8	12.44	14.18	34.24	6.57	.74
90/03/17	13:45	03/17	23:44	45-57.2S	149-57.8	3710	14.2	-3.0	12.9	12.44	14.26	34.26	6.58	.74
90/03/17	13:50	03/17	23:49	45-56.1S	149-57.8	3120	14.3	-3.0	12.7	12.44	14.26	34.26	6.56	.61
90/03/17	13:55	03/17	23:54	45-55.1S	149-55.1	4520	14.2	-3.0	13.1	12.44	14.28	34.26	6.54	.73
90/03/17	14:00	03/17	23:59	45-53.8S	149-55.1	4641	14.3	-3.0	13.3	12.44	14.18	34.24	6.53	.70
90/03/17	14:05	03/18	00:04	45-52.6S	149-55.1	4640	14.3	-3.0	13.3	12.44	14.34	34.22	6.53	.82
90/03/17	14:10	03/18	00:09	45-51.5S	149-55.1	4515	14.3	-3.0	13.0	12.44	14.50	34.27	6.54	.84
90/03/17	14:15	03/18	00:14	45-50.4S	149-55.1	4639	14.4	-3.0	13.1	12.44	14.58	34.29	6.54	.86
90/03/17	14:20	03/18	00:19	45-49.3S	149-55.2	4423	14.3	-3.0	13.3	12.44	14.58	34.29	6.54	.93
90/03/17	14:25	03/18	00:24	45-48.3S	149-55.1	4523	14.4	-3.0	13.2	12.44	14.58	34.23	6.53	.90
90/03/17	14:30	03/18	00:29	45-47.2S	149-55.1	3930	14.4	-3.0	13.3	12.44	14.58	34.23	6.52	.78
90/03/17	14:35	03/18	00:34	45-46.1S	149-55.2	4297	14.4	-3.0	13.2	12.44	14.50	34.27	6.52	.94
90/03/17	14:40	03/18	00:39	45-44.9S	149-55.3	3799	14.3	-3.0	13.0	12.44	14.42	34.31	6.52	.80
90/03/17	14:45	03/18	00:44	45-43.8S	149-55.3	4635	14.3	-3.0	12.7	12.44	14.34	34.22	6.53	.78
90/03/17	14:50	03/18	00:49	45-42.7S	149-55.3	4631	14.3	-3.0	13.3	12.44	14.18	34.24	6.50	.70
90/03/17	14:55	03/18	00:54	45-41.6S	149-55.3	3516	14.3	-3.0	11.6	12.44	14.18	34.24	6.51	.81
90/03/17	15:00	03/18	00:59	45-40.6S	149-55.4	3434	14.3	-3.0	11.9	12.44	14.10	34.21	6.51	.61
90/03/17	15:05	03/18	01:04	45-39.4S	149-55.4	3506	14.2	-3.0	11.6	12.44	13.94	34.23	6.53	.54
90/03/17	15:10	03/18	01:09	45-38.6S	149-55.4	3186	14.2	-3.0	11.8	12.44	13.94	34.18	6.54	.67
90/03/17	15:15	03/18	01:14	45-37.6S	149-55.4	3290	14.2	-3.0	11.4	12.44	13.88	34.20	6.53	.63
90/03/17	15:20	03/18	01:19	45-36.4S	149-55.4	2948	14.2	-3.0	11.7	12.44	13.86	34.20	6.54	.82
90/03/17	15:25	03/18	01:24	45-35.6S	149-55.5	2863	14.1	-3.0	11.9	12.44	13.86	34.20	6.56	.63
90/03/17	15:30	03/18	01:29	45-34.6S	149-55.5	2563	14.1	-3.0	11.5	12.44	13.86	34.20	6.55	.58
90/03/17	15:35	03/18	01:34	45-33.4S	149-55.8	2707	14.0	-3.0	11.8	12.44	13.88	34.20	6.54	.52
90/03/17	15:40	03/18	01:39	45-32.3S	149-55.8	2096	14.0	-3.0	11.7	12.44	13.86	34.20	6.56	.61
90/03/17	15:45	03/18	01:44	45-31.3S	149-55.8	2282	14.1	-3.0	11.3	12.44	13.94	34.23	6.56	.60
90/03/17	15:50	03/18	01:49	45-30.4S	149-55.8	1960	14.0	-3.0	11.4	12.44	14.02	34.25	6.56	.58
90/03/17	15:55	03/18	01:54	45-29.4S	149-55.5	4259	14.1	-3.0	11.5	12.44	14.02	34.19	6.56	.59

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/17	16:00	03/18	01:59	45-28.2S	149-55.5E	3827	14.3	-3.0	11.4	12.44	14.02	34.19	6.54	.60
90/03/17	16:05	03/18	02:04	45-27.2S	149-55.6E	2700	14.1	-3.0	11.5	12.44	14.02	34.19	6.54	.61
90/03/17	16:10	03/18	02:09	45-26.2S	149-55.6E	2567	14.1	-3.0	11.6	12.44	13.94	34.23	6.55	.49
90/03/17	16:15	03/18	02:14	45-25.2S	149-55.6E	1906	14.1	-3.0	11.5	12.44	14.02	34.25	6.54	.61
90/03/17	16:20	03/18	02:19	45-24.2S	149-55.0E	4384	14.1	-3.0	11.6	12.44	14.02	34.25	6.54	.61
90/03/17	16:25	03/18	02:24	45-23.5S	149-56.0E	4382	14.1	-3.0	11.6	12.44	14.10	34.21	6.53	.69
90/03/17	16:30	03/18	02:29	45-22.4S	149-56.0E	4356	14.1	-3.0	11.1	12.44	14.02	34.25	6.54	.64
90/03/17	16:35	03/18	02:34	45-21.2S	149-56.1E	3923	14.0	-3.0	11.4	12.44	14.10	34.21	6.52	.63
90/03/17	16:40	03/18	02:39	45-20.5S	149-56.1E	4040	13.8	-3.0	11.3	12.44	14.10	34.21	6.54	.64
90/03/17	16:45	03/18	02:44	45-19.5S	149-56.2E	4300	13.6	-3.0	11.6	12.44	14.18	34.24	6.52	.59
90/03/17	16:50	03/18	02:49	45-18.5S	149-56.2E	4256	13.6	-3.0	11.7	12.44	14.18	34.24	6.51	.55
90/03/17	16:55	03/18	02:54	45-17.5S	149-56.2E	4372	13.3	-3.0	11.7	12.44	14.10	34.21	6.51	.50
90/03/17	17:00	03/18	02:59	45-16.5S	149-56.2E	3716	13.3	-3.0	11.4	12.46	14.10	34.21	6.54	.49
90/03/17	17:05	03/18	03:04	45-15.5S	149-56.3E	3589	13.2	-3.0	11.3	12.44	14.10	34.21	6.53	.51
90/03/17	17:10	03/18	03:09	45-14.5S	149-56.3E	4333	13.2	-3.0	11.6	12.44	14.10	34.21	6.53	.48
90/03/17	17:15	03/18	03:14	45-13.5S	149-56.3E	4315	13.1	-3.0	12.2	12.44	14.10	34.21	6.54	.56
90/03/17	17:20	03/18	03:19	45-12.4S	149-56.3E	4271	13.1	-3.0	13.4	12.44	14.02	34.25	6.53	.62
90/03/17	17:25	03/18	03:24	45-11.2S	149-56.4E	4078	13.1	-3.0	13.0	12.44	14.02	34.19	6.52	.62
90/03/17	17:30	03/18	03:29	45-10.1S	149-56.5E	4184	13.1	-3.0	12.8	12.44	13.94	34.23	6.52	.64
90/03/17	17:35	03/18	03:34	45-08.9S	149-56.5E	4162	13.1	-3.0	12.7	12.44	13.94	34.16	6.52	.62
90/03/17	17:40	03/18	03:39	45-07.7S	149-57.8E	4128	13.1	-3.0	13.1	12.46	13.54	34.10	6.51	.58
90/03/17	17:45	03/18	03:44	45-06.6S	149-58.0E	4130	13.1	-3.0	12.2	12.44	13.70	34.08	6.51	.56
90/03/17	17:50	03/18	03:49	45-05.5S	149-58.1E	4075	13.1	-3.0	12.8	12.44	13.94	34.16	6.53	.56
90/03/17	17:55	03/18	03:54	45-04.4S	149-58.3E	4040	13.1	-3.0	11.8	12.46	13.94	34.16	6.53	.58
90/03/17	18:00	03/18	03:59	45-03.1S	149-58.5E	4011	13.2	-3.0	12.2	12.44	14.02	34.19	6.54	.67
90/03/17	18:05	03/18	04:04	45-02.3S	149-58.9E	3980	13.2	-3.0	12.9	12.44	13.94	34.23	6.54	.70
90/03/17	18:10	03/18	04:09	45-01.1S	149-59.0E	3926	13.3	-3.0	12.5	12.44	13.94	34.23	6.54	.82
90/03/17	18:15	03/18	04:14	45-00.1S	149-59.2E	3857	13.3	-3.0	12.5	12.44	14.02	34.19	6.54	.59
90/03/17	18:20	03/18	04:19	44-58.9S	149-59.3E	3800	13.4	-3.0	12.2	12.44	13.94	34.23	6.53	.57
90/03/17	18:25	03/18	04:24	44-57.8S	149-59.5E	3744	13.4	-3.0	12.8	12.44	13.86	34.20	6.52	.58
90/03/17	18:30	03/18	04:29	44-56.8S	149-59.6E	3682	13.4	-3.0	12.8	12.44	13.78	34.17	6.51	.56
90/03/17	18:35	03/18	04:34	44-55.7S	149-59.8E	3842	13.4	-3.0	12.7	12.44	13.78	34.17	6.53	.58
90/03/17	18:40	03/18	04:39	44-54.4S	149-59.7E	3800	13.4	-3.0	12.8	12.46	13.70	34.21	6.53	.61
90/03/17	18:45	03/18	04:44	44-53.5S	149-59.8E	3559	13.5	-3.0	12.8	12.46	13.78	34.17	6.56	.72
90/03/17	18:50	03/18	04:49	44-52.4S	149-59.8E	3527	13.5	-3.0	12.2	12.46	13.70	34.15	6.56	.78
90/03/17	18:55	03/18	04:54	44-51.3S	149-59.8E	3189	13.6	-3.0	12.7	12.46	13.62	34.19	6.54	.74
90/03/17	19:00	03/18	04:59	44-50.2S	149-59.8E	2073	13.6	-3.0	12.3	12.46	13.54	34.23	6.55	.75
90/03/17	19:05	03/18	05:04	44-49.1S	149-59.8E	3399	13.6	-3.0	12.2	12.46	13.38	34.18	6.56	.74
90/03/17	19:10	03/18	05:09	44-48.1S	149-59.8E	3326	13.7	-3.0	12.1	12.46	13.54	34.23	6.55	.63
90/03/17	19:15	03/18	05:14	44-47.0S	149-59.8E	3310	13.7	-3.0	12.4	12.46	13.70	34.21	6.57	.70
90/03/17	19:20	03/18	05:19	44-45.9S	149-59.8E	3247	13.7	-3.0	12.3	12.46	13.38	34.18	6.54	.69
90/03/17	19:25	03/18	05:25	44-44.9S	150-00.8E	3224	13.7	-3.0	11.7	12.46	13.54	34.23	6.57	.68
90/03/17	19:30	03/18	05:30	44-43.9S	150-00.8E	3175	13.7	-3.0	12.0	12.46	13.62	34.19	6.58	.74
90/03/17	19:35	03/18	05:35	44-42.8S	150-00.8E	3157	13.7	-3.0	12.4	12.46	13.54	34.23	6.58	.89
90/03/17	19:40	03/18	05:40	44-41.8S	150-00.8E	3134	13.7	-3.0	11.7	12.46	13.54	34.16	6.58	.75
90/03/17	19:45	03/18	05:45	44-40.7S	150-00.8E	2714	13.7	-3.0	12.4	12.46	13.46	34.20	6.58	.77
90/03/17	19:50	03/18	05:50	44-39.5S	150-00.8E	3098	13.7	-3.0	12.0	12.46	13.38	34.18	6.58	.75
90/03/17	19:55	03/18	05:55	44-38.6S	150-00.8E	3069	13.7	-3.0	12.1	12.46	14.02	34.25	6.59	.53
90/03/17	20:00	03/18	06:00	44-37.6S	150-00.8E	3061	13.7	-3.0	12.4	12.46	14.02	34.25	6.57	.51
90/03/17	20:05	03/18	06:05	44-36.5S	150-00.8E	3056	13.7	-3.0	12.2	12.46	14.18	34.24	6.55	.46
90/03/17	20:10	03/18	06:10	44-35.4S	150-00.8E	3008	13.7	-3.0	12.2	12.46	14.26	34.26	6.56	.52

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/17	20:15	03/18	06:15	44-34.4S	150-00.8	2975	13.7	-3.0	12.2	12.46	14.26	34.26	8.54	.53
90/03/17	20:20	03/18	06:20	44-33.4S	150-00.8	2970	13.7	-3.0	12.0	12.46	13.86	34.20	8.61	.61
90/03/17	20:25	03/18	06:25	44-32.3S	150-00.8	2944	13.8	-3.0	12.2	12.46	13.94	34.23	8.53	.49
90/03/17	20:30	03/18	06:30	44-31.2S	150-00.8	2902	13.9	-3.0	11.9	12.46	14.10	34.28	8.57	.71
90/03/17	20:35	03/18	06:35	44-30.2S	150-00.8	2885	14.0	-3.0	12.3	12.46	14.50	34.27	8.57	.91
90/03/17	20:40	03/18	06:40	44-29.1S	150-00.8	2873	14.1	-3.0	11.9	12.46	14.86	34.25	8.61	.88
90/03/17	20:45	03/18	06:45	44-28.1S	150-00.8	2216	14.0	-3.0	11.6	12.46	14.50	34.27	8.54	.70
90/03/17	20:50	03/18	06:50	44-26.9S	150-01.0	2343	14.0	-3.0	12.0	12.46	14.42	34.25	8.54	.75
90/03/17	20:55	03/18	06:55	44-25.8S	150-01.0	2825	13.9	-3.0	11.9	12.46	14.42	34.25	8.54	.75
90/03/17	21:00	03/18	07:00	44-24.8S	150-00.8	2865	13.9	-3.0	11.8	12.46	14.34	34.22	8.51	.89
90/03/17	21:05	03/18	07:05	44-23.7S	150-00.7	2820	13.9	-3.0	12.6	12.46	14.26	34.26	8.53	.63
90/03/17	21:10	03/18	07:10	44-22.8S	150-00.7	2576	14.0	-3.0	12.0	12.46	14.26	34.26	8.55	.77
90/03/17	21:15	03/18	07:15	44-21.8S	150-00.5	2565	14.1	-3.0	11.8	12.44	14.50	34.27	8.56	.82
90/03/17	21:20	03/18	07:20	44-20.8S	150-00.4	2763	14.1	-3.0	11.9	12.46	14.50	34.27	8.53	.71
90/03/17	21:25	03/18	07:25	44-19.6S	150-00.3	2808	14.2	-3.0	12.4	12.44	14.50	34.27	8.50	.61
90/03/17	21:30	03/18	07:30	44-18.4S	150-00.2	2722	14.2	-3.0	12.5	12.44	14.58	34.23	8.52	.56
90/03/17	21:35	03/18	07:35	44-17.4S	150-00.1	2512	14.3	-3.0	12.2	12.44	14.58	34.29	8.54	.73
90/03/17	21:40	03/18	07:39	44-16.3S	149-59.0	2688	14.4	-3.0	12.5	12.44	14.91	34.27	8.52	.62
90/03/17	21:45	03/18	07:44	44-15.2S	149-59.9	2022	14.4	-3.0	12.4	12.44	15.23	34.24	8.56	.65
90/03/17	21:50	03/18	07:49	44-14.1S	149-59.8	2638	14.5	-3.0	12.4	12.44	15.23	34.30	8.53	.65
90/03/17	21:55	03/18	07:54	44-12.8S	149-58.9	2455	14.6	-3.0	12.0	12.44	15.23	34.24	8.50	.63
90/03/17	22:00	03/18	07:59	44-11.7S	149-58.7	2588	14.5	-3.0	12.3	12.44	15.23	34.24	8.51	.87
90/03/17	22:05	03/18	08:04	44-10.8S	149-58.6	2412	14.5	-3.0	12.3	12.44	15.23	34.24	8.51	.72
90/03/17	22:10	03/18	08:09	44-09.5S	149-58.4	2645	14.6	-3.0	12.4	12.44	15.23	34.24	8.51	.86
90/03/17	22:15	03/18	08:14	44-08.4S	149-58.3	2615	14.7	-3.0	12.5	12.44	15.23	34.30	8.50	.66
90/03/17	22:20	03/18	08:19	44-07.3S	149-58.1	1751	14.6	-3.0	12.5	12.44	15.31	34.26	8.50	.65
90/03/17	22:25	03/18	08:24	44-06.2S	149-58.0	2665	14.7	-3.0	12.3	12.44	15.31	34.28	8.51	.84
90/03/17	22:30	03/18	08:29	44-05.2S	149-57.8	2665	14.8	-3.0	12.3	12.44	15.31	34.26	8.48	.59
90/03/17	22:35	03/18	08:34	44-04.1S	149-57.7	2643	14.9	-3.0	12.7	12.44	15.31	34.26	8.49	.63
90/03/17	22:40	03/18	08:39	44-03.0S	149-57.8	2269	14.9	-3.0	11.9	12.44	15.31	34.26	8.48	.87
90/03/17	22:45	03/18	08:44	44-01.9S	149-57.7	2660	14.8	-3.0	12.4	12.44	15.16	34.28	8.49	.61
90/03/17	22:50	03/18	08:49	44-00.8S	149-57.7	2631	14.8	-3.0	11.9	12.44	15.07	34.25	8.49	.80
90/03/17	22:55	03/18	08:54	43-59.8S	149-57.8	2626	14.8	-3.0	12.1	12.44	15.07	34.25	8.51	.59
90/03/17	23:00	03/18	08:59	43-58.7S	149-57.9	2626	14.8	-3.0	12.5	12.44	14.91	34.27	8.49	.57
90/03/17	23:05	03/18	09:04	43-57.7S	149-58.0	2624	14.8	-3.0	12.5	12.44	14.91	34.27	8.50	.59
90/03/17	23:10	03/18	09:09	43-56.6S	149-58.1	2624	14.7	-3.0	12.3	12.44	14.91	34.27	8.53	.63
90/03/17	23:15	03/18	09:14	43-55.5S	149-58.2	2444	14.6	-3.0	12.5	12.44	14.83	34.30	8.51	.68
90/03/17	23:20	03/18	09:19	43-54.4S	149-58.3	2829	14.5	-3.0	12.0	12.44	14.83	34.24	8.49	.56
90/03/17	23:25	03/18	09:24	43-53.4S	149-58.1	2636	14.5	-3.0	12.2	12.44	14.86	34.25	8.49	.46
90/03/17	23:30	03/18	09:29	43-52.3S	149-58.2	2637	14.3	-3.0	12.5	12.44	14.75	34.28	8.50	.49
90/03/17	23:35	03/18	09:34	43-51.2S	149-58.3	2665	14.2	-3.0	12.0	12.44	14.75	34.28	8.51	.56
90/03/17	23:40	03/18	09:39	43-50.2S	149-58.4	2679	14.2	16.8	12.3	12.44	14.50	34.27	8.51	.48
90/03/17	23:45	03/18	09:44	43-49.1S	149-58.4	2702	14.2	16.1	12.3	12.44	14.58	34.23	8.51	.48
90/03/17	23:50	03/18	09:49	43-48.1S	149-58.6	2702	14.1	16.1	12.3	12.44	14.83	34.30	8.53	.48
90/03/17	23:55	03/18	09:54	43-47.0S	149-58.7	2511	14.0	16.6	12.4	12.44	14.91	34.27	8.53	.46
90/03/18	00:00	03/18	09:59	43-45.9S	149-58.7	2529	14.0	16.7	12.8	12.44	14.91	34.27	8.51	.47
90/03/18	00:05	03/18	10:04	43-44.8S	149-58.9	2717	14.0	17.0	12.5	12.44	14.91	34.27	8.51	.48
90/03/18	00:10	03/18	10:09	43-43.7S	149-59.0	2726	13.9	16.8	12.6	12.44	14.91	34.27	8.51	.50
90/03/18	00:15	03/18	10:14	43-42.5S	149-59.0	2733	13.8	16.6	12.6	12.44	14.99	34.29	8.51	.56
90/03/18	00:20	03/18	10:19	43-41.5S	149-59.2	2748	13.8	17.1	12.4	12.44	15.07	34.25	8.52	.60
90/03/18	00:25	03/18	10:24	43-40.4S	149-59.2	2751	13.7	16.8	12.9	12.44	15.07	34.32	8.50	.56

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/18	00:30	03/18	10:29	43-39.2S	149-59.3	2792	13.7	16.9	12.7	12.44	16.16	34.28	6.51	.63
90/03/18	00:35	03/18	10:34	43-38.1S	149-59.4	2736	13.7	16.8	12.7	12.44	16.23	34.30	6.52	.66
90/03/18	00:40	03/18	10:39	43-37.0S	149-59.6	2739	13.7	17.1	12.6	12.44	16.23	34.37	6.49	.69
90/03/18	00:45	03/18	10:44	43-35.9S	149-59.6	2792	13.9	17.2	12.4	12.44	16.23	34.37	6.50	.68
90/03/18	00:50	03/18	10:49	43-34.8S	149-59.7	2764	14.1	17.0	13.1	12.44	16.23	34.37	6.47	.61
90/03/18	00:55	03/18	10:54	43-33.7S	149-59.8	2768	14.3	17.1	13.0	12.44	16.23	34.37	6.44	.46
90/03/18	01:00	03/18	10:59	43-32.5S	149-59.9	2738	14.3	16.9	13.2	12.44	16.23	34.37	6.46	.44
90/03/18	01:05	03/18	11:04	43-31.4S	149-59.9	2742	14.1	17.0	12.9	12.44	16.16	34.34	6.44	.60
90/03/18	01:10	03/18	11:09	43-30.2S	149-59.8	2759	14.1	17.1	13.0	12.44	16.16	34.34	6.46	.62
90/03/18	01:15	03/18	11:14	43-29.6S	149-59.8	2770	14.3	17.0	13.2	12.44	14.99	34.35	6.44	.62
90/03/18	01:20	03/18	11:19	43-28.4S	149-59.8	2795	14.2	16.9	13.2	12.44	16.07	34.32	6.44	.49
90/03/18	01:25	03/18	11:24	43-27.3S	149-59.7	2809	14.4	17.1	12.8	12.44	14.89	34.35	6.45	.46
90/03/18	01:30	03/18	11:29	43-26.2S	149-59.7	2824	14.5	16.8	12.9	12.43	14.99	34.35	6.45	.46
90/03/18	01:35	03/18	11:34	43-25.0S	149-59.6	2829	14.6	16.8	13.2	12.43	14.91	34.33	6.44	.48
90/03/18	01:40	03/18	11:39	43-23.9S	149-59.6	2850	14.7	16.9	12.9	12.43	14.99	34.29	6.48	.60
90/03/18	01:45	03/18	11:44	43-22.8S	149-59.6	2862	14.9	16.5	13.1	12.43	16.47	34.31	6.47	.61
90/03/18	01:50	03/18	11:49	43-21.8S	149-59.8	2881	15.1	17.0	8.1	12.43	16.56	34.33	6.48	.63
90/03/18	01:55	03/18	11:55	43-21.8S	150-00.2	2885	15.2	17.2	1.1	12.43	16.27	34.48	6.46	.66
90/03/18	02:00	03/18	12:00	43-21.8S	150-00.3	2895	15.8	17.3	1.2	12.43	16.67	34.48	6.44	.70
90/03/18	02:05	03/18	12:05	43-21.8S	150-00.4	2894	15.8	17.7	1.0	12.43	16.76	34.44	6.42	.67
90/03/18	02:10	03/18	12:10	43-21.8S	150-00.5	2893	15.8	17.9	.9	12.43	16.76	34.44	6.36	.67
90/03/18	02:15	03/18	12:15	43-21.7S	150-00.6	2894	15.9	18.1	1.0	12.43	16.76	34.50	6.35	.86
90/03/18	02:20	03/18	12:20	43-21.7S	150-00.7	2888	17.9	18.2	.8	12.43	16.76	34.50	6.35	.66
90/03/18	02:25	03/18	12:25	43-21.7S	150-00.8	2885	15.9	18.3	1.0	12.43	16.91	34.54	6.31	.63
90/03/18	02:30	03/18	12:30	43-21.6S	150-01.1	2890	15.9	18.4	9.4	12.41	17.08	34.53	6.31	.62
90/03/18	02:35	03/18	12:35	43-20.6S	150-01.4	2910	16.3	18.5	13.3	12.41	17.32	34.53	6.37	.61
90/03/18	02:40	03/18	12:40	43-19.6S	150-01.6	2934	16.3	18.6	13.2	12.41	17.56	34.60	6.30	.61
90/03/18	02:45	03/18	12:45	43-18.4S	150-01.8	2977	16.0	18.7	12.8	12.40	17.72	34.58	6.30	.49
90/03/18	02:50	03/18	12:50	43-17.3S	150-02.0	3006	15.9	19.0	13.4	12.40	17.80	34.60	6.30	.62
90/03/18	02:55	03/18	12:55	43-16.1S	150-02.2	3042	15.7	19.0	13.3	12.40	17.96	34.59	6.28	.39
90/03/18	03:00	03/18	13:00	43-15.0S	150-02.4	3066	15.6	19.1	13.0	12.40	18.04	34.61	6.25	.36
90/03/18	03:05	03/18	13:05	43-13.9S	150-02.6	3092	15.5	19.2	12.6	12.40	18.12	34.63	6.24	.36
90/03/18	03:10	03/18	13:10	43-13.3S	150-04.4	3116	15.5	19.3	13.0	12.40	18.20	34.59	6.25	.44
90/03/18	03:15	03/18	13:15	43-12.2S	150-04.7	3147	15.5	19.4	13.1	12.40	18.36	34.64	6.24	.47
90/03/18	03:20	03/18	13:20	43-11.1S	150-04.9	3194	15.5	19.5	12.9	12.40	18.44	34.66	6.25	.42
90/03/18	03:25	03/18	13:25	43-10.1S	150-05.1	3117	15.3	19.5	11.5	12.38	18.52	34.62	6.25	.36
90/03/18	03:30	03/18	13:30	43-08.9S	150-04.7	3313	15.3	19.7	12.9	12.40	18.52	34.62	6.31	.34
90/03/18	03:35	03/18	13:35	43-07.9S	150-04.9	3368	15.2	18.9	12.1	12.40	18.44	34.60	6.20	.36
90/03/18	03:40	03/18	13:40	43-06.8S	150-05.2	3413	14.9	18.8	12.4	12.40	18.28	34.62	6.21	.38
90/03/18	03:45	03/18	13:45	43-05.7S	150-06.3	3473	14.8	19.1	12.6	12.43	18.20	34.65	6.23	.36
90/03/18	03:50	03/18	13:50	43-04.6S	150-05.5	3546	14.8	19.1	12.2	12.44	18.12	34.63	6.24	.37
90/03/18	03:55	03/18	13:55	43-03.6S	150-05.8	3539	14.9	19.0	12.2	12.43	18.04	34.61	6.25	.37
90/03/18	04:00	03/18	14:00	43-02.5S	150-06.0	3430	14.9	18.9	12.7	12.44	17.96	34.59	6.21	.39
90/03/18	04:05	03/18	14:05	43-01.4S	150-06.3	3529	14.8	18.9	12.5	12.44	17.80	34.60	6.18	.41
90/03/18	04:10	03/18	14:10	43-00.4S	150-06.6	3580	14.8	18.7	12.4	12.44	17.64	34.56	6.24	.45
90/03/18	04:15	03/18	14:15	42-59.3S	150-06.8	3562	14.8	18.6	12.6	12.44	17.56	34.54	6.30	.49
90/03/18	04:20	03/18	14:20	42-58.3S	150-07.1	3627	14.9	18.5	12.3	12.44	17.48	34.52	6.23	.47
90/03/18	04:25	03/18	14:25	42-57.2S	150-07.4	3733	14.9	18.4	13.2	10.37	17.80	34.55	5.04	.62
90/03/18	04:30	03/18	14:30	42-56.1S	150-07.7	3411	14.9	18.2	13.1	12.38	17.64	34.56	6.21	.61
90/03/18	04:35	03/18	14:35	42-55.0S	150-08.6	3240	14.8	18.6	16.2	12.41	-62.10	15.48	-6.08	.48
90/03/18	04:40	03/18	14:40	42-54.0S	150-09.7	3822	14.9	18.7	14.6	12.41	-77.13	15.46	-6.06	.49

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/h]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/18	04:45	03/18	14:45	42-53.0S	150-10.9	3880	15.3	18.7	18.0	12.41	-45.38	-1.39	-6.12	.62
90/03/18	04:50	03/18	14:50	42-51.8S	150-12.0	3427	15.3	18.6	18.0	12.41	-45.38	-1.39	-6.14	.48
90/03/18	04:55	03/18	14:55	42-49.9S	150-12.6	3894	15.2	18.5	15.8	12.41	-58.72	15.50	-6.08	.50
90/03/18	05:00	03/18	15:00	42-48.8S	150-13.7	3868	15.5	18.6	14.8	12.38	17.64	34.82	-4.99	.50
90/03/18	05:05	03/18	15:05	42-47.8S	150-14.8	4166	15.4	18.7	13.7	12.41	17.72	34.84	-6.43	.50
90/03/18	05:10	03/18	15:11	42-48.7S	150-15.9	4041	15.7	18.7	18.2	12.41	17.72	34.84	8.08	.53
90/03/18	05:15	03/18	15:16	42-45.7S	150-17.0	3254	15.9	18.7	15.1	12.49	17.72	34.84	6.07	.51
90/03/18	05:20	03/18	15:21	42-44.8S	150-18.2	2184	15.0	18.8	15.6	12.49	17.72	34.84	6.07	.53
90/03/18	05:25	03/18	15:26	42-43.6S	150-19.3	4152	15.6	18.8	18.2	12.50	17.72	34.84	8.08	.57
90/03/18	05:30	03/18	15:31	42-42.4S	150-20.5	4150	15.5	18.8	15.8	12.50	17.72	34.84	6.06	.53
90/03/18	05:35	03/18	15:36	42-41.3S	150-21.6	4138	15.2	18.8	15.8	12.50	17.80	34.60	6.08	.48
90/03/18	05:40	03/18	15:41	42-40.3S	150-22.7	4124	15.4	18.7	15.9	12.48	17.80	34.55	6.17	1.45
90/03/18	05:45	03/18	15:46	42-39.2S	150-23.8	4116	15.2	18.8	15.7	12.37	17.80	34.55	8.07	.52
90/03/18	05:50	03/18	15:51	42-38.1S	150-25.0	4102	15.3	18.8	16.2	12.37	17.80	34.55	6.10	.52
90/03/18	05:55	03/18	15:56	42-37.0S	150-26.1	4093	15.6	18.9	16.1	12.38	17.88	34.51	8.07	.53
90/03/18	06:00	03/18	16:01	42-36.0S	150-27.2	4098	15.5	18.9	15.0	12.38	17.88	34.51	6.07	.54
90/03/18	06:05	03/18	16:06	42-35.0S	150-28.3	4107	15.4	18.9	14.6	12.38	17.88	34.51	6.12	.53
90/03/18	06:10	03/18	16:11	42-33.8S	150-29.3	4135	15.4	18.8	18.0	12.38	17.80	34.49	6.13	.51
90/03/18	06:15	03/18	16:17	42-32.8S	150-30.5	4040	15.5	18.8	15.9	12.38	17.80	34.49	8.10	.49
90/03/18	06:20	03/18	16:22	42-31.7S	150-31.6	3794	15.5	18.9	14.7	12.38	17.80	34.49	8.12	.48
90/03/18	06:25	03/18	16:27	42-30.6S	150-32.9	4217	15.5	18.8	18.3	12.40	17.80	34.49	6.12	.48
90/03/18	06:30	03/18	16:32	42-29.9S	150-34.2	4245	15.3	18.9	15.6	12.40	17.80	34.49	6.12	.48
90/03/18	06:35	03/18	16:37	42-28.9S	150-35.6	4264	15.4	18.9	15.6	12.40	17.80	34.49	8.10	.49
90/03/18	06:40	03/18	16:42	42-28.0S	150-37.0	4285	15.5	18.9	18.3	12.40	17.80	34.49	6.12	.50
90/03/18	06:45	03/18	16:47	42-27.1S	150-38.4	4111	15.5	18.9	15.6	12.40	17.80	34.49	8.10	.49
90/03/18	06:50	03/18	16:52	42-25.8S	150-39.7	4328	15.4	18.9	18.3	12.40	17.80	34.49	6.08	.48
90/03/18	06:55	03/18	16:57	42-24.7S	150-41.0	4354	15.4	18.9	18.2	12.40	17.80	34.43	6.05	.47
90/03/18	07:00	03/18	17:02	42-23.7S	150-42.4	4361	15.4	18.9	14.6	12.40	17.80	34.43	6.05	.45
90/03/18	07:05	03/18	17:07	42-22.4S	150-41.9	4387	15.3	18.9	15.1	12.40	17.80	34.43	8.15	.45
90/03/18	07:10	03/18	17:12	42-21.1S	150-41.5	4394	15.2	18.9	15.4	12.40	17.80	34.43	6.11	.46
90/03/18	07:15	03/18	17:17	42-19.8S	150-41.0	4405	15.2	18.8	15.9	12.40	17.80	34.43	8.08	.45
90/03/18	07:20	03/18	17:22	42-18.6S	150-40.4	4415	15.2	18.8	15.5	12.40	17.72	34.40	6.10	.43
90/03/18	07:25	03/18	17:27	42-17.1S	150-40.0	4418	15.2	18.8	15.8	12.40	17.72	30.50	6.13	.39
90/03/18	07:30	03/18	17:32	42-15.8S	150-39.5	3660	15.1	18.8	15.4	12.40	17.88	34.45	6.11	.37
90/03/18	07:35	03/18	17:37	42-14.5S	150-38.9	4296	15.2	18.9	15.8	12.40	17.96	34.47	6.12	.35
90/03/18	07:40	03/18	17:42	42-13.1S	150-38.5	4228	15.3	18.9	15.8	12.40	17.96	34.47	6.11	.36
90/03/18	07:45	03/18	17:47	42-11.8S	150-38.0	4259	15.3	18.9	15.6	12.40	18.04	34.43	6.10	.36
90/03/18	07:50	03/18	17:52	42-10.4S	150-37.4	4001	15.3	19.0	15.7	12.41	17.96	34.42	6.13	.39
90/03/18	07:55	03/18	17:57	42-09.1S	150-36.9	3664	15.3	18.9	15.6	12.41	17.86	34.39	6.15	.39
90/03/18	08:00	03/18	18:02	42-07.8S	150-36.2	2980	15.3	18.9	15.3	12.41	17.64	34.44	6.15	.43
90/03/18	08:05	03/18	18:07	42-06.6S	150-35.6	4467	15.3	18.8	16.3	12.41	17.40	34.38	6.17	.47
90/03/18	08:10	03/18	18:12	42-05.5S	150-35.4	4469	15.3	18.5	15.7	12.41	17.56	34.36	8.18	.48
90/03/18	08:15	03/18	18:17	42-04.2S	150-35.8	4467	15.2	18.7	14.9	12.41	17.64	34.44	6.17	.49
90/03/18	08:20	03/18	18:22	42-02.9S	150-35.2	4491	15.1	18.7	15.8	12.41	17.40	34.38	6.17	.42
90/03/18	08:25	03/18	18:27	42-01.8S	150-34.8	4209	15.1	18.5	15.5	12.41	17.24	30.45	6.18	.41
90/03/18	08:30	03/18	18:32	42-00.4S	150-34.0	4197	15.1	18.4	15.7	12.41	17.32	29.33	6.16	.42
90/03/18	08:35	03/18	18:37	41-59.0S	150-33.8	4501	15.2	18.3	15.7	12.40	18.20	29.43	6.13	.42
90/03/18	08:40	03/18	18:42	41-57.7S	150-33.2	4503	15.2	18.9	15.9	12.40	18.52	29.43	8.12	.41
90/03/18	08:45	03/18	18:47	41-56.4S	150-32.6	4506	15.3	19.3	15.5	12.40	18.68	29.38	6.10	.37
90/03/18	08:50	03/18	18:52	41-55.1S	150-32.0	3344	15.3	19.5	15.7	12.40	18.68	29.38	6.08	.33
90/03/18	08:55	03/18	18:57	41-53.8S	150-31.5	4158	15.3	19.3	15.1	12.40	18.84	29.33	6.05	.34

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/18	09:00	03/18	19:02	41-52.6S	150-31.0	4514	15.3	19.7	15.5	12.40	19.00	29.33	6.02	.34
90/03/18	09:05	03/18	19:07	41-51.2S	150-30.4	4240	15.3	19.9	15.3	12.40	19.17	29.38	6.04	.38
90/03/18	09:10	03/18	19:11	41-60.0S	150-29.8	4284	15.3	19.4	16.0	12.40	19.25	29.41	6.09	.36
90/03/18	09:15	03/18	19:16	41-48.7S	150-29.2	4400	15.4	20.1	15.7	12.40	19.25	29.47	6.05	.30
90/03/18	09:20	03/18	19:21	41-47.4S	150-28.6	4526	15.4	20.1	16.0	12.40	19.08	29.47	6.06	.22
90/03/18	09:25	03/18	19:26	41-46.1S	150-28.1	4512	15.4	19.9	16.0	12.40	18.84	29.55	6.03	.29
90/03/18	09:30	03/18	19:31	41-44.8S	150-27.5	4469	15.4	19.9	15.8	12.40	18.76	29.57	6.03	.31
90/03/18	09:35	03/18	19:36	41-43.5S	150-26.9	3636	15.4	19.7	15.0	12.40	18.76	34.51	6.03	.30
90/03/18	09:40	03/18	19:41	41-42.2S	150-26.3	4528	15.2	19.8	15.6	12.40	18.84	34.53	6.10	.27
90/03/18	09:45	03/18	19:46	41-41.0S	150-25.5	4518	15.2	19.8	15.2	12.40	18.92	34.55	6.07	.26
90/03/18	09:50	03/18	19:51	41-39.8S	150-24.7	4514	15.2	19.9	15.4	12.41	19.08	34.54	6.10	.25
90/03/18	09:55	03/18	19:56	41-38.6S	150-23.8	4511	15.2	20.0	16.0	12.41	19.08	34.54	6.07	.25
90/03/18	10:00	03/18	20:01	41-37.4S	150-23.0	4514	15.3	19.9	16.0	12.40	19.08	34.54	6.05	.25
90/03/18	10:05	03/18	20:06	41-36.2S	150-22.1	4509	15.4	19.8	15.4	12.41	19.00	34.52	6.05	.26
90/03/18	10:10	03/18	20:11	41-35.0S	150-21.3	4506	15.4	19.9	15.7	12.43	19.00	34.52	6.07	.25
90/03/18	10:15	03/18	20:16	41-33.8S	150-20.5	4511	15.4	19.9	15.9	12.43	19.00	34.52	6.06	.24
90/03/18	10:20	03/18	20:21	41-32.6S	150-19.6	4491	15.4	20.0	16.1	12.41	19.08	34.54	6.07	.25
90/03/18	10:25	03/18	20:26	41-31.4S	150-18.8	4476	15.4	19.7	15.5	12.41	19.17	34.50	6.06	.24
90/03/18	10:30	03/18	20:31	41-30.2S	150-17.9	4480	15.5	20.1	15.2	12.43	19.17	34.50	6.07	.26
90/03/18	10:35	03/18	20:36	41-29.0S	150-17.1	4471	15.5	20.1	15.9	12.43	19.17	34.50	6.06	.24
90/03/18	10:40	03/18	20:41	41-29.2S	150-15.8	4371	15.5	20.1	15.7	12.43	19.17	34.50	6.04	.23
90/03/18	10:45	03/18	20:46	41-28.1S	150-14.9	4451	15.5	20.2	15.4	12.44	19.17	34.50	6.05	.27
90/03/18	10:50	03/18	20:50	41-26.9S	150-14.1	4433	15.5	20.2	15.2	12.53	19.17	34.50	6.06	.28
90/03/18	10:55	03/18	20:55	41-25.8S	150-13.3	4431	15.6	20.2	15.5	12.51	19.25	34.52	6.06	.28
90/03/18	11:00	03/18	21:00	41-24.6S	150-12.4	4413	15.7	20.2	16.0	12.53	19.32	34.49	6.04	.30
90/03/18	11:05	03/18	21:05	41-23.8S	150-13.6	4423	15.9	20.3	16.0	12.50	19.25	34.52	6.02	.32
90/03/18	11:10	03/18	21:10	41-22.9S	150-14.9	4439	16.0	20.2	15.6	12.50	19.17	34.50	6.03	.30
90/03/18	11:15	03/18	21:16	41-22.0S	150-16.4	4447	16.1	20.2	16.1	12.50	19.25	34.47	6.03	.31
90/03/18	11:20	03/18	21:21	41-21.2S	150-17.8	4440	16.2	20.2	15.7	12.50	19.32	34.49	6.03	.27
90/03/18	11:25	03/18	21:26	41-20.3S	150-19.1	4476	16.2	20.3	15.9	12.50	19.40	34.50	6.03	.24
90/03/18	11:30	03/18	21:31	41-19.5S	150-20.5	4495	16.2	20.4	16.2	12.51	19.40	34.50	6.03	.22
90/03/18	11:35	03/18	21:36	41-19.1S	150-20.0	4505	16.2	20.4	16.1	12.51	19.32	34.54	6.04	.23
90/03/18	11:40	03/18	21:41	41-18.2S	150-21.4	4516	16.1	20.4	15.8	12.50	19.17	34.50	6.03	.24
90/03/18	11:45	03/18	21:46	41-17.5S	150-22.6	4519	16.1	20.1	15.1	12.50	19.00	34.58	6.02	.26
90/03/18	11:50	03/18	21:51	41-16.6S	150-23.9	4527	16.1	20.0	16.0	12.49	18.92	34.55	6.03	.29
90/03/18	11:55	03/18	21:56	41-15.8S	150-25.3	4522	15.8	19.5	15.6	12.47	18.92	34.55	6.04	.28
90/03/18	12:00	03/18	22:01	41-14.9S	150-26.6	4557	15.8	19.9	15.9	12.47	18.84	34.59	6.03	.31
90/03/18	12:05	03/18	22:06	41-14.1S	150-28.0	4555	15.8	19.9	16.3	12.49	18.76	34.57	6.03	.29
90/03/18	12:10	03/18	22:11	41-13.2S	150-29.3	4558	15.8	19.9	15.9	12.49	18.60	34.59	6.04	.30
90/03/18	12:15	03/18	22:17	41-12.4S	150-30.7	4541	15.8	19.7	15.0	12.49	18.52	34.62	6.03	.31
90/03/18	12:20	03/18	22:22	41-11.8S	150-32.0	4382	15.8	19.6	15.7	12.49	18.44	34.60	6.03	.31
90/03/18	12:25	03/18	22:27	41-11.2S	150-33.5	4577	15.0	19.6	15.5	12.49	18.36	34.64	6.05	.33
90/03/18	12:30	03/18	22:32	41-10.3S	150-34.8	4582	15.8	19.6	15.3	12.49	18.36	34.64	6.05	.34
90/03/18	12:35	03/18	22:37	41-09.5S	150-36.1	4591	15.9	19.5	16.2	12.47	18.36	34.64	6.05	.35
90/03/18	12:40	03/18	22:42	41-08.8S	150-37.4	4599	15.8	19.5	15.1	12.46	18.36	34.64	6.05	.35
90/03/18	12:45	03/18	22:47	41-07.9S	150-38.8	4617	15.8	19.4	15.7	12.46	18.36	34.64	6.07	.35
90/03/18	12:50	03/18	22:52	41-07.1S	150-40.1	4615	15.9	19.4	15.6	12.46	18.36	34.64	6.07	.36
90/03/18	12:55	03/18	22:57	41-06.2S	150-41.4	4622	15.9	19.4	16.0	12.47	18.36	34.64	6.07	.37
90/03/18	13:00	03/18	23:02	41-05.5S	150-42.8	4632	15.8	19.4	15.9	12.47	18.44	34.60	6.07	.37
90/03/18	13:05	03/18	23:07	41-04.6S	150-44.1	4627	15.8	19.5	16.2	12.47	18.44	34.60	6.06	.39
90/03/18	13:10	03/18	23:13	41-03.8S	150-45.4	4634	15.8	19.5	15.6	12.49	18.44	34.60	6.05	.40

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/18	13:15	03/18	23:18	41-02.9S	150-46.7	4827	15.8	19.5	15.0	12.49	18.44	34.60	6.07	.39
90/03/18	13:20	03/18	23:23	41-02.1S	150-48.1	4630	15.8	19.5	16.2	12.49	18.36	34.64	6.07	.41
90/03/18	13:25	03/18	23:28	41-01.1S	150-49.1	4301	15.9	19.5	16.0	12.49	18.36	34.64	6.07	.40
90/03/18	13:30	03/18	23:33	41-00.3S	150-50.5	4635	15.9	19.5	14.2	12.49	18.28	34.68	6.07	.40
90/03/18	13:35	03/18	23:38	40-59.5S	150-51.8	4636	16.0	19.4	15.9	12.49	18.28	34.62	6.08	.43
90/03/18	13:40	03/18	23:43	40-58.7S	150-53.1	4640	16.0	19.4	15.9	12.49	18.20	34.65	6.07	.45
90/03/18	13:45	03/18	23:48	40-57.6S	150-54.4	4642	16.0	19.4	16.3	12.49	18.20	34.65	6.08	.46
90/03/18	13:50	03/18	23:53	40-57.0S	150-56.7	4653	16.0	19.3	16.1	12.49	18.20	34.65	6.08	.48
90/03/18	13:55	03/18	23:58	40-56.2S	150-57.0	4649	16.0	19.4	16.0	12.49	18.20	34.65	6.08	.47
90/03/18	14:00	03/19	00:03	40-54.5S	150-59.0	4648	16.0	19.3	15.4	12.49	18.28	34.62	6.08	.44
90/03/18	14:05	03/19	00:09	40-53.6S	151-00.4	4180	16.1	19.3	15.5	12.49	18.28	34.62	6.07	.41
90/03/18	14:10	03/19	00:14	40-52.6S	151-01.7	4653	16.2	19.4	15.9	12.49	18.28	34.62	6.08	.41
90/03/18	14:15	03/19	00:19	40-51.9S	151-03.1	4659	16.2	19.4	15.6	12.60	18.28	34.62	6.08	.41
90/03/18	14:20	03/19	00:24	40-51.1S	151-04.4	4658	16.2	19.4	16.1	12.60	18.28	34.62	6.05	.40
90/03/18	14:25	03/19	00:29	40-50.2S	151-05.8	4658	16.2	19.4	16.2	12.60	18.28	34.68	6.07	.37
90/03/18	14:30	03/19	00:34	40-49.3S	151-07.1	4659	16.2	19.4	16.0	12.60	18.36	34.64	6.05	.38
90/03/18	14:35	03/19	00:39	40-48.5S	151-08.5	4657	16.2	19.5	15.8	12.61	18.44	34.66	6.05	.37
90/03/18	14:40	03/19	00:44	40-47.6S	151-09.8	4657	16.2	19.5	15.6	12.56	18.44	34.66	6.06	.35
90/03/18	14:45	03/19	00:49	40-46.7S	151-11.2	4660	16.2	19.8	15.7	12.61	18.44	34.66	6.05	.34
90/03/18	14:50	03/19	00:54	40-45.6S	151-12.5	4661	16.1	19.5	16.0	12.61	18.44	34.66	6.05	.34
90/03/18	14:55	03/19	00:59	40-44.9S	151-13.9	4682	16.1	19.5	16.5	12.61	18.44	34.66	6.05	.33
90/03/18	15:00	03/19	01:05	40-44.1S	151-15.2	4682	16.1	19.5	16.3	12.61	18.44	34.66	6.03	.33
90/03/18	15:05	03/19	01:10	40-43.2S	151-16.8	4663	16.1	19.5	16.0	12.61	18.52	34.62	6.03	.33
90/03/18	15:10	03/19	01:15	40-42.4S	151-17.9	4663	16.1	19.6	16.1	12.61	18.52	34.62	6.04	.32
90/03/18	15:15	03/19	01:20	40-41.2S	151-17.5	4663	16.1	19.5	15.6	12.61	18.52	34.62	6.02	.32
90/03/18	15:20	03/19	01:25	40-40.1S	151-16.6	4682	16.1	19.5	15.7	12.60	18.62	34.62	6.04	.33
90/03/18	15:25	03/19	01:30	40-38.9S	151-15.7	4661	16.1	19.6	15.7	12.61	18.52	34.62	6.05	.33
90/03/18	15:30	03/19	01:34	40-37.7S	151-14.8	4659	16.1	19.6	15.9	12.61	18.52	34.62	6.03	.32
90/03/18	15:35	03/19	01:39	40-36.5S	151-13.9	4650	16.1	19.6	16.3	12.61	18.52	34.62	6.03	.34
90/03/18	15:40	03/19	01:44	40-35.6S	151-10.4	4449	16.1	19.6	18.2	12.61	18.52	34.62	6.03	.34
90/03/18	15:45	03/19	01:49	40-32.6S	151-09.5	4376	16.1	19.6	15.8	12.61	18.52	34.62	6.03	.34
90/03/18	15:50	03/19	01:54	40-31.4S	151-08.5	4661	16.2	19.6	16.1	12.61	18.44	34.66	6.03	.33
90/03/18	15:55	03/19	01:59	40-30.1S	151-07.5	4657	16.2	19.6	16.1	12.61	18.44	34.66	6.02	.34
90/03/18	16:00	03/19	02:04	40-28.9S	151-06.5	4670	16.2	19.6	15.5	12.61	18.44	34.66	6.02	.33
90/03/18	16:05	03/19	02:09	40-27.7S	151-05.5	4660	16.2	19.8	16.1	12.61	18.60	34.64	6.03	.36
90/03/18	16:10	03/19	02:14	40-26.5S	151-04.6	4660	16.2	19.6	15.5	12.61	18.92	34.67	6.02	.29
90/03/18	16:15	03/19	02:19	40-25.3S	151-03.6	4659	16.2	19.8	16.1	12.61	19.00	34.63	6.03	.29
90/03/18	16:20	03/19	02:24	40-24.0S	151-02.6	4482	16.3	19.8	16.1	12.61	19.08	34.65	6.02	.26
90/03/18	16:25	03/19	02:29	40-22.6S	151-01.6	4660	16.3	20.0	15.9	12.61	19.00	34.69	6.01	.25
90/03/18	16:30	03/19	02:34	40-21.5S	151-00.7	4481	16.3	20.0	15.7	12.61	18.92	34.67	6.00	.27
90/03/18	16:35	03/19	02:38	40-20.3S	150-59.6	4664	16.3	20.0	16.1	12.61	18.84	34.65	6.02	.28
90/03/18	16:40	03/19	02:43	40-19.1S	150-58.7	4676	16.3	19.9	16.0	12.61	18.68	34.66	6.01	.31
90/03/18	16:45	03/19	02:48	40-17.9S	150-57.7	4655	16.3	19.8	15.8	12.61	18.68	34.66	6.00	.32
90/03/18	16:50	03/19	02:53	40-18.7S	150-56.7	4652	16.3	19.8	15.8	12.61	18.84	34.65	6.01	.31
90/03/18	16:55	03/19	02:58	40-16.2S	150-55.4	4662	16.3	19.8	16.0	12.61	19.00	34.63	6.01	.28
90/03/18	17:00	03/19	03:03	40-15.0S	150-54.4	4656	16.3	19.9	15.6	12.61	19.08	34.65	6.00	.27
90/03/18	17:05	03/19	03:08	40-13.6S	150-53.5	4643	16.3	20.1	15.7	12.61	19.00	34.63	6.01	.28
90/03/18	17:10	03/19	03:13	40-12.6S	150-52.5	4643	16.3	20.1	16.0	12.61	18.92	34.67	6.01	.30
90/03/18	17:15	03/19	03:18	40-11.4S	150-51.5	4631	16.3	20.0	16.0	12.61	18.92	34.67	6.00	.28
90/03/18	17:20	03/19	03:23	40-10.2S	150-50.5	4615	16.3	19.9	15.9	12.61	18.92	34.67	6.02	.27
90/03/18	17:25	03/19	03:28	40-09.0S	150-49.5	4610	16.3	20.0	15.8	12.61	18.92	34.61	6.01	.26

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/18	17:30	03/19	03:33	40-08.2S	150-48.9	4590	16.3	19.9	15.8	12.51	18.92	34.61	6.01	.28
90/03/18	17:35	03/19	03:38	40-07.0S	150-47.9	4601	16.3	20.0	15.9	12.51	18.92	34.67	6.01	.26
90/03/18	17:40	03/19	03:43	40-05.8S	150-46.9	4573	16.3	19.9	15.9	12.51	19.00	34.69	6.01	.27
90/03/18	17:45	03/19	03:48	40-04.6S	150-46.0	4559	16.3	20.1	16.1	12.51	19.00	34.69	6.01	.27
90/03/18	17:50	03/19	03:53	40-03.5S	150-45.0	4548	16.3	20.1	16.2	12.51	18.92	34.67	6.00	.27
90/03/18	17:55	03/19	03:57	40-02.3S	150-44.0	4542	16.3	20.0	15.8	12.51	19.48	34.64	6.00	.22
90/03/18	18:00	03/19	04:02	40-01.1S	150-43.1	4545	16.4	20.3	16.0	12.51	19.64	34.63	6.00	.23
90/03/18	18:05	03/19	04:07	39-59.9S	150-42.1	4328	16.5	20.6	15.7	12.51	19.64	34.68	6.00	.23
90/03/18	18:10	03/19	04:12	39-58.7S	150-41.1	4526	16.5	20.6	15.9	12.51	19.64	34.68	5.99	.23
90/03/18	18:15	03/19	04:17	39-57.5S	150-40.1	4518	16.5	20.7	16.2	12.51	19.72	34.64	5.98	.21
90/03/18	18:20	03/19	04:22	39-56.3S	150-39.2	4512	16.5	20.7	16.0	12.50	20.12	34.63	5.99	.20
90/03/18	18:25	03/19	04:27	39-55.1S	150-38.2	4503	16.5	21.0	15.6	12.50	20.44	34.60	5.99	.23
90/03/18	18:30	03/19	04:32	39-53.9S	150-37.3	4497	16.5	21.2	15.5	12.50	20.52	34.62	5.97	.23
90/03/18	18:35	03/19	04:37	39-53.0S	150-36.3	4510	16.7	21.4	16.0	12.50	20.52	34.62	5.95	.22
90/03/18	18:40	03/19	04:42	39-52.1S	150-35.6	4517	16.7	21.4	16.3	12.50	20.52	34.62	5.95	.23
90/03/18	18:45	03/19	04:47	39-51.2S	150-34.8	4539	16.8	21.5	15.8	12.50	20.60	34.59	5.94	.22
90/03/18	18:50	03/19	04:52	39-50.3S	150-32.0	4548	16.8	21.2	15.6	12.50	20.60	34.59	5.93	.20
90/03/18	18:55	03/19	04:57	39-49.4S	150-33.2	4567	16.8	20.9	15.8	12.49	20.60	34.59	5.95	.20
90/03/18	19:00	03/19	05:02	39-48.5S	150-44.4	4575	16.8	21.2	16.0	12.49	20.52	34.62	5.93	.17
90/03/18	19:05	03/19	05:08	39-47.6S	150-45.6	4582	16.8	21.4	15.7	12.50	20.36	34.64	5.93	.17
90/03/18	19:10	03/19	05:13	39-46.7S	150-46.8	4593	16.8	21.3	15.8	12.49	20.20	34.65	5.94	.18
90/03/18	19:15	03/19	05:18	39-45.8S	150-48.0	4613	16.8	21.2	15.8	12.49	20.04	34.62	5.94	.18
90/03/18	19:20	03/19	05:23	39-44.9S	150-49.2	4616	16.9	21.1	15.0	12.49	19.88	34.63	5.94	.18
90/03/18	19:25	03/19	05:28	39-44.1S	150-50.4	4638	16.9	20.9	15.6	12.50	19.72	34.64	5.95	.19
90/03/18	19:30	03/19	05:33	39-43.2S	150-51.6	4631	16.9	20.8	14.9	12.50	19.56	34.66	5.94	.20
90/03/18	19:35	03/19	05:38	39-42.3S	150-52.8	4650	16.9	20.7	15.8	12.50	19.40	34.68	5.97	.22
90/03/18	19:40	03/19	05:43	39-41.4S	150-54.0	4659	16.9	20.5	15.7	12.50	19.40	34.68	5.98	.19
90/03/18	19:45	03/19	05:48	39-40.5S	150-55.2	4625	16.9	20.5	15.7	12.50	19.64	34.68	5.97	.19
90/03/18	19:50	03/19	05:53	39-39.7S	150-56.4	4654	16.9	20.6	15.7	12.49	19.72	34.70	5.95	.22
90/03/18	19:55	03/19	05:58	39-38.8S	150-57.6	4660	16.9	20.7	15.7	12.50	19.80	34.66	5.96	.21
90/03/18	20:00	03/19	06:03	39-37.9S	150-58.8	0	16.9	20.8	15.3	12.49	19.72	34.70	5.96	.19
90/03/18	20:05	03/19	06:09	39-37.0S	151-00.0	4651	16.9	20.8	16.0	12.49	19.72	34.70	5.95	.20
90/03/18	20:10	03/19	06:14	39-36.1S	151-01.2	4653	17.0	20.7	16.0	12.49	19.80	34.66	5.94	.23
90/03/18	20:15	03/19	06:19	39-35.2S	151-02.5	4651	17.0	20.7	16.0	12.50	19.80	34.72	5.93	.25
90/03/18	20:20	03/19	06:24	39-34.3S	151-03.7	4650	17.0	20.8	15.9	12.50	19.80	34.72	5.94	.27
90/03/18	20:25	03/19	06:29	39-33.9S	151-05.5	4331	17.0	20.8	16.1	12.50	19.80	34.66	5.95	.27
90/03/18	20:30	03/19	06:34	39-33.0S	151-10.9	0	17.0	20.9	15.9	12.50	19.80	34.66	5.94	.27
90/03/18	20:35	03/19	06:39	39-32.2S	151-12.2	4648	17.1	20.8	15.6	12.50	19.80	34.66	5.94	.28
90/03/18	20:40	03/19	06:44	39-31.3S	151-13.6	4698	17.1	20.8	15.7	12.50	19.72	34.70	5.95	.28
90/03/18	20:45	03/19	06:49	39-30.4S	151-14.9	4647	17.2	20.5	14.9	12.50	19.72	34.70	5.95	.28
90/03/18	20:50	03/19	06:55	39-29.7S	151-16.6	4410	17.2	20.7	15.7	12.50	19.72	34.70	5.94	.28
90/03/18	20:55	03/19	07:00	39-28.0S	151-18.1	4646	17.2	20.8	16.2	12.50	19.72	34.70	5.94	.28
90/03/18	21:00	03/19	07:05	39-27.2S	151-19.6	4616	17.5	20.8	15.2	12.50	19.72	34.70	5.93	.28
90/03/18	21:05	03/19	07:10	39-26.5S	151-21.1	4666	17.5	20.8	16.1	12.50	19.72	34.70	5.95	.29
90/03/18	21:10	03/19	07:15	39-25.8S	151-22.6	4448	17.5	20.8	16.0	12.50	19.72	34.70	5.94	.29
90/03/18	21:15	03/19	07:20	39-25.1S	151-24.1	4645	17.5	20.8	15.3	12.50	19.72	34.70	5.94	.30
90/03/18	21:20	03/19	07:25	39-24.4S	151-25.6	4644	17.5	20.8	15.9	12.50	19.72	34.70	5.94	.30
90/03/18	21:25	03/19	07:30	39-23.6S	151-27.2	4662	17.5	20.8	15.9	12.50	19.72	34.70	5.95	.31
90/03/18	21:30	03/19	07:35	39-22.9S	151-28.7	4653	17.6	20.7	15.7	12.53	19.72	34.70	5.95	.31
90/03/18	21:35	03/19	07:41	39-22.2S	151-30.2	4645	17.6	20.8	15.6	12.56	19.72	34.70	5.95	.31
90/03/18	21:40	03/19	07:46	39-21.5S	151-31.7	4643	17.7	20.8	15.8	12.54	19.72	34.70	5.95	.31

GRT		IMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/18	21:46	03/19	07:51	39-20.8S	161-33.2	4843	17.7	20.8	15.8	12.56	19.72	34.70	5.93	.31
90/03/18	21:50	03/19	07:56	39-20.0S	161-34.7	4846	17.7	20.7	15.6	12.56	19.72	34.70	5.95	.31
90/03/18	21:55	03/19	08:01	39-19.0S	161-34.1	4842	17.7	20.8	15.6	12.54	19.72	34.70	5.95	.25
90/03/18	22:00	03/19	08:06	39-17.9S	161-33.0	4842	17.5	20.8	15.8	12.54	19.72	34.70	5.94	.30
90/03/18	22:05	03/19	08:11	39-16.9S	161-31.9	4838	17.5	20.8	15.7	12.54	19.72	34.70	5.95	.31
90/03/18	22:10	03/19	08:18	39-14.1S	161-32.6	4839	17.5	20.8	15.7	12.54	19.72	34.70	5.94	.32
90/03/18	22:16	03/19	08:21	39-13.0S	161-31.7	4334	17.5	20.8	15.8	12.53	19.72	34.70	5.94	.32
90/03/18	22:20	03/19	08:26	39-11.8S	161-30.7	4208	17.5	20.8	16.0	12.54	19.72	34.70	5.95	.33
90/03/18	22:25	03/19	08:30	39-10.7S	161-29.7	4223	17.5	20.8	16.0	12.54	19.72	34.70	5.94	.32
90/03/18	22:30	03/19	08:35	39-09.5S	161-29.1	4837	17.6	20.8	15.8	12.54	19.72	34.70	5.94	.30
90/03/18	22:35	03/19	08:40	39-08.3S	161-28.1	4835	17.6	20.8	15.6	12.54	19.72	34.70	5.95	.28
90/03/18	22:40	03/19	08:45	39-07.2S	161-27.1	4635	17.7	20.8	15.9	12.54	19.72	34.70	5.95	.29
90/03/18	22:45	03/19	08:50	39-06.1S	161-26.2	4441	17.7	20.8	15.9	12.53	19.72	34.70	5.94	.27
90/03/18	22:50	03/19	08:55	39-04.9S	161-25.2	4832	17.7	20.8	15.8	12.53	19.72	34.70	5.94	.28
90/03/18	22:55	03/19	09:00	39-03.8S	161-24.2	4631	17.7	20.8	18.2	12.53	19.72	34.70	5.95	.27
90/03/18	23:00	03/19	09:05	39-02.8S	161-22.6	4830	17.8	20.8	16.0	12.53	19.72	34.70	5.95	.29
90/03/18	23:05	03/19	09:10	39-01.8S	161-21.7	4832	17.8	20.8	15.7	12.53	19.72	34.70	5.95	.28
90/03/18	23:10	03/19	09:15	39-00.5S	161-20.6	4829	17.8	20.8	15.9	12.53	19.72	34.70	5.95	.29
90/03/18	23:15	03/19	09:20	38-59.4S	161-19.6	4827	17.8	20.7	15.9	12.53	19.72	34.70	5.92	.28
90/03/18	23:20	03/19	09:25	38-58.3S	161-18.7	4827	17.8	20.8	15.7	12.50	19.72	34.70	5.94	.29
90/03/18	23:25	03/19	09:30	38-57.1S	161-17.7	4825	17.8	20.8	15.7	12.50	19.72	34.70	5.94	.30
90/03/18	23:30	03/19	09:35	38-56.0S	161-16.7	4825	17.8	20.8	15.9	12.49	19.72	34.70	5.93	.31
90/03/18	23:35	03/19	09:40	38-54.8S	161-15.7	4451	17.8	20.8	15.9	12.49	19.72	34.70	5.94	.30
90/03/18	23:40	03/19	09:44	38-53.8S	161-14.7	4823	17.8	20.8	15.7	12.49	19.72	34.70	5.94	.29
90/03/18	23:45	03/19	09:49	38-52.8S	161-13.7	4821	17.9	20.8	15.4	12.49	19.72	34.70	5.93	.30
90/03/18	23:50	03/19	09:54	38-51.5S	161-12.7	4822	17.9	20.8	15.8	12.49	19.72	34.70	5.93	.31
90/03/18	23:55	03/19	09:59	38-50.3S	161-11.8	4822	18.0	20.8	15.7	12.49	19.72	34.70	5.94	.31
90/03/19	00:00	03/19	10:04	38-49.3S	161-10.7	4353	18.0	20.8	15.6	12.49	19.72	34.70	5.94	.31
90/03/19	00:05	03/19	10:09	38-48.1S	161-09.8	4619	18.0	20.8	15.8	12.49	19.72	34.70	5.92	.33
90/03/19	00:10	03/19	10:14	38-47.0S	161-08.8	4605	18.0	20.8	15.8	12.49	19.72	34.70	5.91	.33
90/03/19	00:15	03/19	10:19	38-46.5S	161-06.2	4616	18.1	20.8	15.5	12.49	19.84	34.74	5.93	.34
90/03/19	00:20	03/19	10:24	38-45.4S	161-04.1	4617	18.1	20.8	15.2	12.49	19.72	34.70	5.92	.34
90/03/19	00:25	03/19	10:29	38-44.3S	161-03.1	4084	18.1	20.8	15.6	12.49	19.72	34.70	5.92	.33
90/03/19	00:30	03/19	10:34	38-43.2S	161-02.0	4616	18.2	20.8	15.6	12.49	19.72	34.70	5.92	.32
90/03/19	00:35	03/19	10:39	38-42.1S	161-00.9	4612	18.2	20.8	15.5	12.49	19.72	34.70	5.92	.30
90/03/19	00:40	03/19	10:43	38-41.0S	150-59.8	4611	18.2	20.8	15.4	12.47	19.80	34.72	5.92	.29
90/03/19	00:45	03/19	10:48	38-40.3S	150-57.2	4608	18.3	20.8	15.3	12.47	19.80	34.72	5.93	.28
90/03/19	00:50	03/19	10:53	38-39.2S	150-56.1	4608	18.3	20.9	15.8	12.47	19.80	34.72	5.93	.27
90/03/19	00:55	03/19	10:58	38-38.1S	150-55.0	4602	18.3	20.9	15.8	12.47	19.80	34.72	5.93	.27
90/03/19	01:00	03/19	11:03	38-37.0S	150-53.8	4600	18.3	20.9	15.9	12.47	19.80	34.72	5.93	.28
90/03/19	01:05	03/19	11:08	38-35.9S	150-52.7	4598	18.3	20.9	15.6	12.46	19.80	34.72	5.92	.28
90/03/19	01:10	03/19	11:13	38-34.8S	150-51.5	4588	18.3	20.9	15.7	12.46	19.80	34.72	5.92	.29
90/03/19	01:15	03/19	11:18	38-33.7S	150-50.5	4584	18.3	20.9	15.4	12.47	19.80	34.72	5.93	.28
90/03/19	01:20	03/19	11:23	38-32.6S	150-49.9	4581	18.4	20.9	13.0	12.47	19.72	34.75	5.93	.34
90/03/19	01:25	03/19	11:28	38-31.9S	150-51.2	4584	18.5	20.9	15.3	12.47	19.72	34.70	5.92	.34
90/03/19	01:30	03/19	11:33	38-31.1S	150-52.6	4588	18.5	20.9	15.5	12.47	19.72	34.70	5.91	.32
90/03/19	01:35	03/19	11:38	38-30.4S	150-54.0	4590	18.5	20.9	15.7	12.47	19.72	34.75	5.92	.31
90/03/19	01:40	03/19	11:43	38-29.8S	150-55.4	4595	18.5	20.9	15.7	12.47	19.80	34.72	5.92	.30
90/03/19	01:45	03/19	11:48	38-28.9S	150-56.8	4597	18.5	20.9	15.6	12.47	19.80	34.72	5.91	.29
90/03/19	01:50	03/19	11:53	38-28.2S	150-58.1	4598	18.5	20.9	15.5	12.46	19.80	34.72	5.92	.29
90/03/19	01:55	03/19	11:58	38-27.4S	150-59.5	4601	18.5	20.9	15.3	12.47	19.80	34.72	5.92	.29

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/19	02:00	03/19	12:04	38-26.7S	161-00.9	4802	18.5	20.9	15.9	12.46	19.72	34.76	5.90	.30
90/03/19	02:06	03/19	12:09	38-26.9S	161-02.3	4804	18.6	20.9	15.7	12.46	19.72	34.70	5.91	.30
90/03/19	02:10	03/19	12:14	38-25.2S	161-03.7	4807	18.6	20.9	15.5	12.46	19.72	34.70	5.91	.30
90/03/19	02:16	03/19	12:19	38-24.6S	161-06.0	4611	18.5	20.9	15.8	12.46	19.72	34.76	5.92	.30
90/03/19	02:20	03/19	12:24	38-23.7S	161-06.4	4617	18.5	20.9	15.8	12.46	19.72	34.70	5.91	.30
90/03/19	02:26	03/19	12:29	38-24.3S	161-06.1	4615	18.5	20.8	15.6	12.46	19.72	34.70	5.91	.30
90/03/19	02:30	03/19	12:34	38-23.6S	161-07.4	4033	18.5	20.8	15.8	12.46	19.72	34.70	5.92	.30
90/03/19	02:36	03/19	12:39	38-22.9S	161-08.8	4618	18.7	20.9	15.7	12.46	19.72	34.70	5.92	.31
90/03/19	02:40	03/19	12:44	38-22.2S	161-10.1	4622	18.7	20.8	15.7	12.47	19.72	34.70	5.91	.32
90/03/19	02:46	03/19	12:49	38-21.5S	161-11.5	4623	18.7	20.8	15.8	12.46	19.72	34.70	5.92	.32
90/03/19	02:50	03/19	12:54	38-20.6S	161-12.8	4625	18.9	20.9	15.4	12.47	19.72	34.70	5.91	.32
90/03/19	02:56	03/19	12:59	38-20.0S	161-14.4	4627	18.6	20.9	15.8	12.46	19.72	34.70	5.92	.32
90/03/19	03:00	03/19	13:06	38-19.3S	161-16.7	0	18.6	20.8	15.6	12.46	19.72	34.70	5.92	.33
90/03/19	03:06	03/19	13:10	38-18.6S	161-17.1	4630	18.6	20.7	15.8	12.46	19.72	34.70	5.91	.32
90/03/19	03:10	03/19	13:16	38-17.9S	161-18.4	4637	18.6	20.8	15.8	12.46	19.72	34.70	5.92	.25
90/03/19	03:16	03/19	13:20	38-16.7S	161-18.6	4635	18.6	20.7	15.4	12.46	19.80	34.66	5.92	.25
90/03/19	03:20	03/19	13:26	38-16.0S	161-19.8	4637	18.6	20.7	15.7	12.46	20.04	34.62	5.93	.27
90/03/19	03:26	03/19	13:30	38-15.2S	161-21.1	4463	18.6	21.0	15.7	12.46	20.20	34.65	5.94	.28
90/03/19	03:30	03/19	13:36	38-14.5S	161-22.4	4641	18.6	21.2	11.8	12.46	20.20	34.65	5.89	.28
90/03/19	03:36	03/19	13:40	38-14.0S	161-23.3	4642	18.6	21.2	11.7	12.46	20.20	34.65	5.89	.33
90/03/19	03:40	03/19	13:46	38-13.4S	161-24.2	4650	18.7	21.3	11.8	12.46	20.20	34.65	5.90	.31
90/03/19	03:46	03/19	13:50	38-12.8S	161-25.2	4646	18.8	21.3	11.7	12.46	20.20	34.65	5.92	.29
90/03/19	03:50	03/19	13:56	38-12.1S	161-26.5	4647	18.9	21.3	15.9	12.46	20.12	34.63	5.91	.28
90/03/19	03:56	03/19	14:00	38-11.4S	161-27.8	4648	18.8	21.3	15.7	12.46	20.04	34.62	5.92	.27
90/03/19	04:00	03/19	14:06	38-10.7S	161-29.0	4654	18.7	21.3	15.4	12.46	19.80	34.66	5.93	.26
90/03/19	04:06	03/19	14:11	38-10.0S	161-30.4	4647	18.7	21.2	15.7	12.46	19.56	34.66	5.93	.27
90/03/19	04:10	03/19	14:16	38-08.6S	161-32.2	4656	18.7	21.0	15.7	12.46	19.17	34.68	5.94	.29
90/03/19	04:16	03/19	14:21	38-07.9S	161-33.5	4657	18.6	20.7	16.1	12.46	19.08	34.65	5.95	.30
90/03/19	04:20	03/19	14:26	38-07.1S	161-34.8	4660	18.6	20.4	15.9	12.46	19.00	34.63	5.97	.31
90/03/19	04:26	03/19	14:31	38-06.4S	161-36.1	4664	18.6	20.4	15.8	12.46	19.00	34.63	5.95	.31
90/03/19	04:30	03/19	14:36	38-05.6S	161-37.4	4669	18.6	20.3	15.7	12.44	19.08	34.65	5.96	.32
90/03/19	04:36	03/19	14:41	38-04.8S	161-38.3	4675	18.6	20.4	11.4	12.44	19.08	34.65	5.97	.32
90/03/19	04:40	03/19	14:46	38-04.9S	161-39.1	4670	18.6	20.4	10.0	12.44	19.08	34.65	5.95	.33
90/03/19	04:46	03/19	14:51	38-05.3S	161-38.6	4296	18.6	20.4	10.8	12.44	19.17	34.68	5.96	.34
90/03/19	04:50	03/19	14:56	38-04.6S	161-38.6	4584	18.8	20.4	11.2	12.44	19.08	34.65	5.95	.33
90/03/19	04:56	03/19	15:01	38-03.8S	161-39.2	3187	18.9	20.4	10.5	12.43	19.08	34.71	5.96	.34
90/03/19	05:00	03/19	15:06	38-03.2S	161-38.3	3625	18.9	20.4	9.6	12.41	19.17	34.68	5.92	.32
90/03/19	05:06	03/19	15:11	38-04.3S	161-37.8	0	18.7	20.4	10.6	12.43	19.17	34.68	5.98	.33
90/03/19	05:10	03/19	15:16	38-04.0S	161-38.7	3458	18.7	20.4	11.1	12.43	19.17	34.68	5.96	.33
90/03/19	05:16	03/19	15:21	38-03.3S	161-39.8	0	18.6	20.5	15.7	12.43	19.17	34.68	5.96	.34
90/03/19	05:20	03/19	15:26	38-02.6S	161-41.2	4670	18.5	20.5	15.7	12.43	19.17	34.68	5.97	.34
90/03/19	05:26	03/19	15:31	38-01.9S	161-42.5	4678	18.5	20.4	15.8	12.41	19.08	34.65	5.95	.31
90/03/19	05:30	03/19	15:36	38-01.1S	161-43.9	4677	18.4	20.4	15.8	12.41	19.08	34.65	5.97	.33
90/03/19	05:36	03/19	15:42	38-00.4S	161-45.2	4592	18.4	20.4	15.7	12.41	19.08	34.65	5.96	.32
90/03/19	05:40	03/19	15:47	37-59.6S	161-46.5	4649	18.3	20.5	15.9	12.44	19.08	34.65	5.97	.35
90/03/19	05:46	03/19	15:52	37-58.6S	161-46.6	4685	18.5	20.4	15.1	12.41	19.17	34.68	5.96	.35
90/03/19	05:50	03/19	15:57	37-57.2S	161-45.5	4686	18.6	20.4	16.1	12.41	19.32	34.66	5.95	.29
90/03/19	05:56	03/19	16:01	37-56.2S	161-44.7	4685	18.9	20.5	16.0	12.41	19.56	34.66	5.95	.27
90/03/19	06:00	03/19	16:06	37-55.0S	161-43.8	4117	19.0	20.7	15.1	12.41	19.64	34.68	5.94	.26
90/03/19	06:06	03/19	16:11	37-53.6S	161-42.8	4681	19.1	20.7	15.3	12.41	19.40	34.68	5.93	.30
90/03/19	06:10	03/19	16:16	37-52.6S	161-41.9	4688	19.0	20.7	15.7	12.41	19.17	34.68	5.95	.35

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/19	08:16	03/19	18:21	37-51.4S	161-41.0	4687	18.7	20.6	15.5	12.41	19.08	34.66	5.95	.35
90/03/19	08:20	03/19	18:26	37-50.2S	161-40.0	4688	18.8	20.5	15.8	12.41	19.00	34.69	5.94	.38
90/03/19	08:25	03/19	18:31	37-49.0S	161-39.1	4688	18.4	20.4	15.9	12.41	18.92	34.67	5.94	.38
90/03/19	08:30	03/19	18:36	37-47.9S	161-39.2	4689	18.4	20.3	16.0	12.41	18.92	34.67	5.95	.37
90/03/19	08:35	03/19	18:41	37-46.9S	161-38.5	4694	18.4	20.3	15.5	12.41	18.84	34.66	5.96	.38
90/03/19	08:40	03/19	18:46	37-45.8S	161-37.6	4693	18.4	20.3	16.0	12.41	18.84	34.66	5.97	.39
90/03/19	08:45	03/19	18:51	37-44.6S	161-36.7	4693	18.4	20.2	15.9	12.41	18.84	34.66	5.97	.37
90/03/19	08:50	03/19	18:56	37-43.4S	161-35.8	4695	18.5	20.2	15.8	12.41	18.84	34.66	5.96	.38
90/03/19	08:55	03/19	17:01	37-42.2S	161-34.8	4698	18.6	20.3	15.7	12.41	18.84	34.66	5.99	.38
90/03/19	07:00	03/19	17:06	37-41.0S	161-34.0	4694	18.8	20.3	15.4	12.41	18.84	34.66	5.97	.37
90/03/19	07:05	03/19	17:11	37-39.8S	161-33.1	4692	18.6	20.2	15.4	12.41	18.84	34.66	5.97	.35
90/03/19	07:10	03/19	17:16	37-38.6S	161-32.3	4696	18.6	20.2	15.6	12.41	18.92	34.61	5.97	.33
90/03/19	07:15	03/19	17:21	37-37.4S	161-31.4	4694	18.5	20.3	16.3	12.41	18.92	34.67	5.98	.32
90/03/19	07:20	03/19	17:26	37-36.2S	161-30.4	4689	18.5	20.3	16.3	12.41	18.92	34.67	5.98	.31
90/03/19	07:25	03/19	17:30	37-35.0S	161-29.5	4697	18.5	20.3	16.3	12.40	18.92	34.67	5.95	.30
90/03/19	07:30	03/19	17:35	37-33.7S	161-28.6	4692	18.5	20.3	16.4	12.37	18.92	34.67	5.95	.30
90/03/19	07:35	03/19	17:40	37-32.5S	161-27.6	4689	18.6	20.3	16.5	12.37	19.00	34.69	5.96	.33
90/03/19	07:40	03/19	17:45	37-31.3S	161-26.6	4690	18.9	20.4	16.4	12.37	19.08	34.66	5.97	.32
90/03/19	07:45	03/19	17:50	37-29.8S	161-25.8	4728	19.0	20.4	16.4	12.37	19.17	34.68	5.97	.31
90/03/19	07:50	03/19	17:55	37-28.7S	161-24.8	4695	18.9	20.5	18.5	12.37	19.08	34.66	5.96	.31
90/03/19	07:55	03/19	18:00	37-27.5S	161-23.9	4694	18.7	20.5	18.3	12.37	19.00	34.69	5.97	.34
90/03/19	08:00	03/19	18:05	37-26.3S	161-22.9	4696	18.5	20.4	16.6	12.38	18.92	34.67	5.95	.36
90/03/19	08:05	03/19	18:10	37-25.0S	161-22.0	4696	18.6	20.3	16.1	12.37	19.08	34.66	5.95	.32
90/03/19	08:10	03/19	18:15	37-23.7S	161-22.0	4701	18.5	20.4	18.4	12.37	19.40	34.68	5.94	.30
90/03/19	08:15	03/19	18:20	37-23.0S	161-21.4	4704	18.4	20.6	16.3	12.37	19.56	34.66	5.93	.29
90/03/19	08:20	03/19	18:25	37-21.8S	161-21.5	4708	18.3	20.7	16.2	12.37	19.56	34.66	5.92	.29
90/03/19	08:25	03/19	18:30	37-20.6S	161-21.7	4712	18.3	20.7	16.6	12.37	19.56	34.66	5.91	.28
90/03/19	08:30	03/19	18:35	37-19.1S	161-21.9	4713	18.3	20.8	16.6	12.37	19.40	34.68	5.93	.31
90/03/19	08:35	03/19	18:40	37-17.7S	161-22.1	4732	18.2	20.7	16.4	12.37	19.40	34.68	5.94	.28
90/03/19	08:40	03/19	18:45	37-16.3S	161-22.3	4715	18.2	20.7	16.5	12.37	19.40	34.68	5.95	.29
90/03/19	08:45	03/19	18:50	37-14.9S	161-22.5	4715	18.2	20.7	18.5	12.37	19.56	34.66	5.94	.29
90/03/19	08:50	03/19	18:55	37-13.8S	161-22.7	4717	18.2	20.8	16.2	12.37	19.72	34.70	5.92	.39
90/03/19	08:55	03/19	19:00	37-12.2S	161-22.9	4719	18.2	20.9	16.3	12.37	19.72	34.70	5.90	.34
90/03/19	09:00	03/19	19:05	37-10.8S	161-23.1	4721	18.2	21.0	16.0	12.37	19.84	34.68	5.93	.31
90/03/19	09:05	03/19	19:10	37-10.1S	161-23.4	4733	18.2	19.2	.4	12.37	19.40	34.68	5.91	.34
90/03/19	09:10	03/19	19:15	37-10.1S	161-23.4	4725	18.2	20.9	.9	12.37	19.25	34.69	5.94	.35
90/03/19	09:15	03/19	19:20	37-10.0S	161-23.3	4725	18.2	20.7	.9	12.37	19.25	34.69	5.92	.36
90/03/19	09:20	03/19	19:25	37-09.9S	161-23.3	4725	18.2	20.6	.9	12.37	19.17	34.68	5.94	.36
90/03/19	09:25	03/19	19:30	37-09.8S	161-23.2	4726	18.3	20.5	.7	12.37	19.17	34.68	5.93	.35
90/03/19	09:30	03/19	19:35	37-09.7S	161-23.2	4729	18.2	20.6	.7	12.38	19.17	34.68	5.94	.36
90/03/19	09:35	03/19	19:40	37-09.7S	161-23.1	4727	18.3	20.5	.7	12.38	19.17	34.68	5.95	.36
90/03/19	09:40	03/19	19:45	37-09.5S	161-23.0	4727	18.3	20.6	.7	12.38	19.17	34.68	5.95	.36
90/03/19	09:45	03/19	19:50	37-09.5S	161-23.0	4726	18.3	20.5	.7	12.38	19.17	34.68	5.95	.36
90/03/19	09:50	03/19	19:55	37-09.4S	161-22.9	4725	18.4	20.8	.8	12.38	19.17	34.68	5.94	.36
90/03/19	09:55	03/19	20:00	37-09.3S	161-22.9	4725	18.4	20.6	.7	12.40	19.17	34.68	5.94	.38
90/03/19	10:00	03/19	20:05	37-09.2S	161-22.7	4725	18.5	20.6	.6	12.40	19.17	34.68	5.94	.36
90/03/19	10:05	03/19	20:10	37-09.1S	161-22.7	4731	18.5	20.6	.6	12.40	19.17	34.68	5.94	.36
90/03/19	10:10	03/19	20:15	37-09.1S	161-22.7	4725	18.4	20.6	.6	12.40	19.17	34.68	5.94	.35
90/03/19	10:15	03/19	20:20	37-09.0S	161-22.6	4730	18.4	20.5	.8	12.40	19.17	34.68	5.94	.37
90/03/19	10:20	03/19	20:25	37-08.9S	161-22.6	4725	18.4	20.6	.6	12.37	19.17	34.68	5.94	.36
90/03/19	10:25	03/19	20:30	37-08.8S	161-22.4	4728	18.4	20.6	.7	12.38	19.17	34.68	5.95	.36

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/19	10:30	03/19	20:36	37-08.8S	151-22.4	4728	18.5	20.5	.5	12.38	19.17	34.88	5.93	.38
90/03/19	10:35	03/19	20:40	37-08.7S	151-22.3	4728	18.5	20.6	.6	12.40	19.17	34.88	5.95	.37
90/03/19	10:40	03/19	20:45	37-08.6S	151-22.3	4728	18.7	20.5	.7	12.40	19.17	34.88	5.95	.36
90/03/19	10:45	03/19	20:50	37-08.5S	151-22.2	4728	18.5	20.6	.8	12.49	19.17	34.88	5.94	.40
90/03/19	10:50	03/19	20:55	37-08.5S	151-22.1	4729	18.5	20.6	.6	12.56	19.08	34.71	5.95	.38
90/03/19	10:55	03/19	21:00	37-08.4S	151-22.1	4732	18.5	20.6	.6	12.56	19.17	34.68	5.95	.37
90/03/19	11:00	03/19	21:05	37-08.3S	151-22.0	4730	18.5	20.4	.5	12.54	19.08	34.71	5.97	.37
90/03/19	11:05	03/19	21:10	37-08.0S	151-22.1	4732	18.5	20.6	11.5	12.54	19.08	34.71	5.95	.37
90/03/19	11:10	03/19	21:15	37-06.2S	151-24.9	4739	18.3	20.5	12.3	12.56	19.08	34.71	5.97	.37
90/03/19	11:15	03/19	21:20	37-05.2S	151-25.3	4742	18.3	20.5	14.2	12.56	19.08	34.71	5.97	.35
90/03/19	11:20	03/19	21:25	37-04.0S	151-25.8	4746	18.2	20.6	15.1	12.54	19.17	34.68	5.97	.34
90/03/19	11:25	03/19	21:30	37-02.8S	151-26.0	4750	18.2	20.5	15.4	12.54	19.72	34.59	5.94	.28
90/03/19	11:30	03/19	21:35	37-01.4S	151-26.5	4751	18.3	20.8	15.4	12.53	21.08	34.59	5.95	.34
90/03/19	11:35	03/19	21:40	37-00.1S	151-26.9	4754	18.3	21.4	15.4	12.51	21.49	34.53	5.91	.37
90/03/19	11:40	03/19	21:45	36-58.9S	151-27.4	4758	18.3	22.2	15.3	12.51	21.65	34.57	5.89	.37
90/03/19	11:45	03/19	21:50	36-57.8S	151-28.0	4762	18.3	22.7	15.4	12.51	21.73	34.53	5.87	.33
90/03/19	11:50	03/19	21:55	36-56.3S	151-28.4	4764	18.4	22.9	15.3	12.51	21.85	34.57	5.85	.33
90/03/19	11:55	03/19	22:00	36-55.1S	151-28.9	4768	18.4	22.9	15.3	12.51	21.97	34.53	5.85	.34
90/03/19	12:00	03/19	22:05	36-53.9S	151-29.8	4771	18.5	23.0	16.4	12.50	22.29	34.50	5.85	.33
90/03/19	12:05	03/19	22:11	36-52.8S	151-30.8	4776	18.6	23.4	16.3	12.50	22.45	34.54	5.82	.34
90/03/19	12:10	03/19	22:16	36-51.7S	151-31.9	4781	18.6	23.6	16.3	12.50	22.61	34.47	5.81	.40
90/03/19	12:15	03/19	22:21	36-50.6S	151-32.9	4784	18.7	23.8	16.3	12.50	22.45	34.54	5.82	.32
90/03/19	12:20	03/19	22:26	36-49.5S	151-34.0	4788	18.7	23.7	16.2	12.50	22.21	34.59	5.81	.33
90/03/19	12:25	03/19	22:31	36-48.4S	151-35.0	4791	18.7	23.6	16.3	12.51	22.29	34.55	5.81	.35
90/03/19	12:30	03/19	22:36	36-47.3S	151-36.1	4793	18.7	23.6	16.3	12.51	22.37	34.57	5.79	.33
90/03/19	12:35	03/19	22:41	36-46.2S	151-37.1	4821	18.9	23.7	16.3	12.51	22.53	34.61	5.79	.37
90/03/19	12:40	03/19	22:46	36-45.1S	151-38.2	4799	18.9	23.7	16.3	12.51	22.61	34.58	5.77	.37
90/03/19	12:45	03/19	22:51	36-44.0S	151-39.2	4802	19.0	23.9	16.3	12.51	22.61	34.63	5.77	.36
90/03/19	12:50	03/19	22:56	36-42.9S	151-40.3	4430	19.1	23.9	16.1	12.51	22.69	34.59	5.76	.37
90/03/19	12:55	03/19	23:01	36-42.2S	151-44.8	4818	19.1	23.9	16.2	12.51	22.61	34.63	5.74	.36
90/03/19	13:00	03/19	23:07	36-41.2S	151-46.0	4815	19.1	24.0	16.4	12.51	22.69	34.59	5.77	.35
90/03/19	13:05	03/19	23:12	36-40.0S	151-46.7	4833	19.3	24.0	16.3	12.51	22.89	34.59	5.76	.35
90/03/19	13:10	03/19	23:17	36-38.7S	151-46.2	4813	19.4	24.0	16.5	12.51	22.69	34.59	5.76	.34
90/03/19	13:15	03/19	23:22	36-37.4S	151-45.6	4836	19.5	24.0	16.0	12.51	22.89	34.59	5.77	.31
90/03/19	13:20	03/19	23:26	36-36.2S	151-44.8	4809	19.2	24.0	16.2	12.51	22.61	34.63	5.77	.27
90/03/19	13:25	03/19	23:31	36-35.0S	151-44.1	4808	19.1	24.0	16.3	12.51	22.61	34.63	5.77	.26
90/03/19	13:30	03/19	23:36	36-33.8S	151-43.3	4808	19.2	24.0	16.4	12.51	22.53	34.56	5.77	.24
90/03/19	13:35	03/19	23:41	36-32.6S	151-42.5	4527	19.3	23.9	16.3	12.51	22.53	34.61	5.77	.23
90/03/19	13:40	03/19	23:46	36-31.4S	151-41.8	0	19.3	23.9	16.2	12.51	22.53	34.61	5.78	.24
90/03/19	13:45	03/19	23:51	36-30.2S	151-41.0	4811	19.2	23.9	16.3	12.51	22.53	34.61	5.79	.22
90/03/19	13:50	03/19	23:56	36-28.9S	151-40.3	4867	19.2	23.9	16.5	12.51	22.53	34.61	5.77	.22
90/03/19	13:55	03/20	00:01	36-27.7S	151-39.5	4808	19.1	23.9	16.3	12.51	22.45	34.64	5.77	.22
90/03/19	14:00	03/20	00:06	36-26.5S	151-38.8	4808	19.1	23.9	16.4	12.51	22.45	34.64	5.77	.23
90/03/19	14:05	03/20	00:11	36-25.3S	151-38.0	4807	19.1	23.9	16.3	12.53	22.45	34.64	5.77	.22
90/03/19	14:10	03/20	00:16	36-24.1S	151-37.2	4808	19.2	23.0	16.2	12.53	22.37	34.63	5.77	.22
90/03/19	14:15	03/20	00:21	36-22.9S	151-36.5	4807	19.2	23.7	16.4	12.53	22.37	34.63	5.77	.22
90/03/19	14:20	03/20	00:26	36-21.7S	151-35.7	4810	19.2	23.8	16.4	12.53	22.45	34.59	5.79	.22
90/03/19	14:25	03/20	00:31	36-21.7S	151-35.5	4808	19.2	23.5	16.3	12.53	22.45	34.59	5.78	.23
90/03/19	14:30	03/20	00:36	36-20.5S	151-34.7	4808	19.3	23.6	16.2	12.53	22.45	34.59	5.77	.22
90/03/19	14:35	03/20	00:41	36-19.3S	151-34.0	4815	19.5	23.0	16.4	12.53	22.37	34.63	5.79	.22
90/03/19	14:40	03/20	00:46	36-18.1S	151-33.3	4808	19.5	23.4	16.3	12.53	22.37	34.63	5.78	.22

GMT		LMT		Lat	Long	Depth [m]	Atemp [°C]	Wtemp [°C]	Speed [kt]	Flow [l/min]	Wtemp [°C]	Sal [ppt]	Do [ml/l]	Chl [ug/l]
Date	Time	Date	Time											
90/03/19	14:45	03/20	00:51	36-17.0S	151-32.5	4759	19.4	23.8	18.4	12.53	22.37	34.63	5.77	.22
90/03/19	14:50	03/20	00:56	36-15.8S	151-31.8	4806	19.3	23.8	18.4	12.53	22.37	34.63	5.78	.21
90/03/19	14:55	03/20	01:01	36-14.6S	151-31.1	4806	19.3	23.7	18.4	12.53	22.37	34.63	5.79	.21
90/03/19	15:00	03/20	01:08	36-13.4S	151-30.3	4806	19.3	23.7	18.3	12.53	22.29	34.68	5.78	.20
90/03/19	15:05	03/20	01:10	36-12.8S	151-28.7	4806	19.3	23.8	18.4	12.53	22.29	34.61	5.79	.21
90/03/19	15:10	03/20	01:16	36-11.7S	151-28.0	4805	19.3	23.4	18.3	12.53	22.29	34.61	5.80	.21
90/03/19	15:15	03/20	01:20	36-10.8S	151-27.2	4801	19.3	23.5	18.4	12.53	22.29	34.61	5.79	.21
90/03/19	15:20	03/20	01:25	36-09.4S	151-26.8	4802	19.4	23.4	18.4	12.53	22.37	34.63	5.78	.21
90/03/19	15:25	03/20	01:30	36-08.8S	151-26.3	4809	19.4	23.5	18.4	12.53	22.45	34.59	5.79	.19
90/03/19	15:30	03/20	01:35	36-07.4S	151-26.3	4810	19.4	23.6	18.3	12.53	22.53	34.61	5.79	.22
90/03/19	15:35	03/20	01:40	36-06.4S	151-27.1	4813	19.4	23.7	18.2	12.53	22.61	34.63	5.79	.22
90/03/19	15:40	03/20	01:45	36-05.4S	151-28.2	4817	19.4	23.7	18.4	12.53	22.61	34.63	5.78	.22
90/03/19	15:45	03/20	01:50	36-04.4S	151-29.3	4819	19.4	23.8	18.2	12.53	22.69	34.59	5.77	.22
90/03/19	15:50	03/20	01:56	36-03.4S	151-30.5	4878	19.4	23.9	18.3	12.76	22.69	34.59	5.79	.23
90/03/19	15:55	03/20	02:01	36-02.4S	151-31.6	4831	19.6	23.8	18.1	12.47	22.69	34.59	5.78	.23
90/03/19	16:00	03/20	02:06	36-01.4S	151-32.8	4827	19.6	23.8	18.4	12.31	22.69	34.59	5.75	.23
90/03/19	16:05	03/20	02:11	36-00.4S	151-33.9	4833	19.6	23.9	18.2	12.31	22.69	34.59	5.77	.23
90/03/19	16:10	03/20	02:16	36-00.2S	151-34.4	4837	19.7	24.0	18.3	12.31	22.69	34.59	5.76	.23
90/03/19	16:15	03/20	02:21	35-59.3S	151-35.5	4845	19.7	23.9	18.0	12.31	22.89	34.59	5.75	.23
90/03/19	16:20	03/20	02:26	35-58.3S	151-36.6	4833	19.7	23.9	18.1	12.31	22.89	34.59	5.76	.24
90/03/19	16:25	03/20	02:31	35-57.4S	151-37.7	4835	19.7	23.9	18.2	12.31	22.89	34.65	5.77	.24
90/03/19	16:30	03/20	02:36	35-56.4S	151-38.8	4883	19.7	24.0	18.1	12.31	22.89	34.65	5.77	.23
90/03/19	16:35	03/20	02:41	35-55.4S	151-39.7	4834	19.7	23.9	18.2	12.31	22.77	34.62	5.76	.23
90/03/19	16:40	03/20	02:46	35-54.1S	151-40.0	4851	19.7	23.8	18.4	12.31	22.77	34.62	5.78	.23
90/03/19	16:45	03/20	02:51	35-52.9S	151-40.3	4837	19.7	24.1	18.2	12.31	22.77	34.62	5.76	.24
90/03/19	16:50	03/20	02:56	35-51.5S	151-38.8	4953	19.7	23.1	18.4	12.31	22.77	34.62	5.74	.24
90/03/19	16:55	03/20	03:01	35-50.2S	151-39.0	4840	19.8	23.8	18.3	12.31	22.85	34.58	5.76	.25
90/03/19	17:00	03/20	03:06	35-49.0S	151-39.2	4841	19.5	24.1	18.5	12.31	22.85	34.58	5.77	.24
90/03/19	17:05	03/20	03:11	35-47.7S	151-39.5	4838	19.5	24.2	18.4	12.31	22.85	34.58	5.75	.24
90/03/19	17:10	03/20	03:16	35-46.4S	151-39.7	3559	19.6	24.0	18.4	12.31	22.93	34.60	5.75	.25
90/03/19	17:15	03/20	03:21	35-45.4S	151-39.7	4759	19.8	24.3	18.3	12.31	22.85	34.63	5.75	.25
90/03/19	17:20	03/20	03:26	35-44.2S	151-39.9	4841	19.5	24.0	18.4	12.31	22.85	34.63	5.77	.25
90/03/19	17:25	03/20	03:31	35-43.0S	151-40.1	4847	19.5	24.0	18.3	12.33	22.85	34.63	5.74	.25
90/03/19	17:30	03/20	03:36	35-41.7S	151-40.3	4844	19.5	23.9	18.3	12.31	22.93	34.60	5.75	.25
90/03/19	17:35	03/20	03:41	35-40.4S	151-40.6	4839	19.5	24.1	18.4	12.31	23.66	34.44	5.75	.22
90/03/19	17:40	03/20	03:46	35-39.2S	151-40.8	4842	19.6	24.4	18.3	12.31	24.54	34.44	5.73	.22
90/03/19	17:45	03/20	03:51	35-37.9S	151-41.0	4842	19.6	25.3	18.5	12.31	24.94	34.43	5.71	.26
90/03/19	17:50	03/20	03:56	35-36.7S	151-41.2	4824	19.7	25.6	18.4	12.33	25.10	34.41	5.67	.27
90/03/19	17:55	03/20	04:01	35-35.4S	151-41.5	4871	19.7	25.8	18.5	12.31	25.18	34.38	5.64	.31
90/03/19	18:00	03/20	04:06	35-34.1S	151-41.7	4844	19.9	25.8	18.6	12.33	25.33	34.41	5.67	.24
90/03/19	18:05	03/20	04:11	35-32.9S	151-41.9	4849	20.1	26.0	18.3	12.34	25.49	34.39	5.64	.27
90/03/19	18:10	03/20	04:16	35-31.8S	151-42.2	4846	20.2	26.1	18.3	12.34	25.49	34.39	5.64	.26
90/03/19	18:15	03/20	04:21	35-30.4S	151-42.4	4847	20.1	26.2	18.5	12.34	25.41	34.38	5.63	.30
90/03/19	18:20	03/20	04:26	35-29.1S	151-42.7	4852	20.2	26.2	18.4	12.34	25.33	34.38	5.63	.32
90/03/19	18:25	03/20	04:31	35-27.8S	151-42.9	4850	20.1	26.1	18.3	12.34	25.26	34.39	5.62	.31
90/03/19	18:30	03/20	04:36	35-26.8S	151-42.9	4850	20.0	26.1	18.4	12.34	25.26	34.34	5.64	.30
90/03/19	18:35	03/20	04:41	35-25.3S	151-42.8	4850	20.1	28.0	18.3	12.36	25.26	34.34	5.64	.28
90/03/19	18:40	03/20	04:46	35-23.5S	151-39.6	4850	20.1	26.0	18.5	12.34	25.18	34.38	5.64	.26
90/03/19	18:45	03/20	04:51	35-22.2S	151-39.4	4849	20.0	26.0	18.3	12.34	25.10	34.35	5.65	.29
90/03/19	18:50	03/20	04:56	35-20.9S	151-39.2	4849	20.2	28.0	18.3	12.36	24.88	34.35	5.65	.30
90/03/19	18:55	03/20	05:01	35-19.8S	151-39.1	4851	20.2	25.9	18.5	12.36	24.38	34.35	5.66	.35

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[m/l]	[ug/l]
90/03/19	19:00	03/20	06:06	35-18.4S	151-38.9	4846	20.2	25.6	16.3	12.36	24.06	34.33	5.67	.43
90/03/19	19:06	03/20	06:11	35-17.0S	151-38.6	4844	20.6	25.3	16.4	12.36	23.98	34.36	5.68	.43
90/03/19	19:10	03/20	06:16	35-15.7S	151-38.5	4745	20.5	25.5	16.4	12.36	24.22	34.32	5.70	.38
90/03/19	19:16	03/20	06:21	35-14.5S	151-38.3	4798	20.3	25.5	16.5	12.37	24.14	34.35	5.69	.45
90/03/19	19:20	03/20	06:26	35-13.1S	151-38.1	4837	20.6	25.7	16.3	12.37	23.82	34.38	5.68	.62
90/03/19	19:25	03/20	06:31	35-11.9S	151-37.9	4840	20.6	25.2	16.3	12.37	23.82	34.38	5.71	.48
90/03/19	19:30	03/20	06:36	35-10.6S	151-37.7	4842	20.5	25.3	16.2	12.37	23.82	34.38	5.70	.45
90/03/19	19:36	03/20	06:41	35-09.3S	151-37.6	4761	20.5	25.2	18.0	12.37	23.82	34.38	5.72	.41
90/03/19	19:40	03/20	06:46	35-08.1S	151-38.0	4844	20.4	25.3	16.4	12.36	23.90	34.40	5.71	.40
90/03/19	19:46	03/20	06:51	35-06.8S	151-38.4	4844	20.3	25.2	16.4	12.37	23.82	34.38	5.72	.33
90/03/19	19:50	03/20	06:56	35-05.6S	151-38.8	4842	20.3	25.3	16.4	12.37	23.74	34.36	5.72	.31
90/03/19	19:56	03/20	06:01	35-04.4S	151-39.2	4837	20.3	25.1	16.3	12.38	23.50	34.41	5.74	.30
90/03/19	20:00	03/20	06:06	35-03.1S	151-39.7	4838	20.3	24.9	16.3	12.41	23.01	34.40	5.72	.27
90/03/19	20:06	03/20	06:11	35-01.9S	151-40.1	4835	20.3	24.8	16.5	12.41	22.77	34.45	5.74	.28
90/03/19	20:10	03/20	06:16	35-00.7S	151-40.5	4423	20.4	24.2	16.4	12.40	22.69	34.43	5.75	.28
90/03/19	20:16	03/20	06:21	34-59.4S	151-40.9	0	20.3	24.0	16.3	12.40	22.53	34.45	5.74	.29
90/03/19	20:20	03/20	06:26	34-58.2S	151-41.3	4841	20.7	23.6	16.4	12.40	22.53	34.45	5.77	.29
90/03/19	20:26	03/20	06:31	34-56.4S	151-41.6	4838	20.4	24.0	16.3	12.37	22.45	34.48	5.79	.28
90/03/19	20:30	03/20	06:36	34-55.1S	151-42.0	4837	20.4	23.8	16.2	12.38	22.37	34.47	5.79	.29
90/03/19	20:36	03/20	06:41	34-53.9S	151-42.4	4846	20.4	24.0	18.4	12.38	22.29	34.50	5.78	.29
90/03/19	20:40	03/20	06:46	34-52.7S	151-42.8	4860	20.5	23.8	16.3	12.38	22.29	34.44	5.80	.29
90/03/19	20:46	03/20	06:51	34-51.4S	151-43.2	4837	20.5	23.8	16.3	12.40	22.21	34.48	5.79	.31
90/03/19	20:50	03/20	06:56	34-50.2S	151-43.6	4743	20.5	23.8	16.4	12.40	22.13	34.46	5.81	.31
90/03/19	20:56	03/20	07:01	34-49.0S	151-44.0	4759	20.5	23.8	18.4	12.40	22.13	34.46	5.81	.30
90/03/19	21:00	03/20	07:06	34-47.7S	151-44.4	4803	20.7	23.8	16.3	12.40	22.05	34.50	5.82	.32
90/03/19	21:06	03/20	07:11	34-46.4S	151-44.8	4494	20.8	23.7	16.2	12.40	22.37	34.41	5.80	.28
90/03/19	21:10	03/20	07:17	34-45.2S	151-45.2	4816	20.8	23.8	16.3	12.41	22.45	34.43	5.81	.27
90/03/19	21:16	03/20	07:22	34-44.0S	151-45.7	4476	20.9	23.7	16.3	12.40	22.53	34.45	5.81	.27
90/03/19	21:20	03/20	07:27	34-42.8S	151-46.2	4217	20.8	23.7	16.4	12.40	22.69	34.38	5.80	.25
90/03/19	21:26	03/20	07:32	34-41.6S	151-46.7	4388	20.8	23.9	16.1	12.38	22.86	34.42	5.79	.26
90/03/19	21:30	03/20	07:37	34-40.5S	151-47.3	4495	20.8	24.0	16.3	12.38	23.09	34.37	5.79	.26
90/03/19	21:36	03/20	07:42	34-39.3S	151-47.8	4473	21.0	24.3	16.2	12.38	23.17	34.39	5.78	.38
90/03/19	21:40	03/20	07:47	34-38.1S	151-48.4	4396	21.1	24.2	15.9	12.38	23.33	34.37	5.79	.43
90/03/19	21:46	03/20	07:52	34-36.9S	151-48.9	4629	21.2	24.6	16.4	12.38	23.33	34.37	5.77	.43
90/03/19	21:50	03/20	07:57	34-35.7S	151-49.4	4582	21.2	24.7	16.0	12.38	23.33	34.37	5.77	.44
90/03/19	21:56	03/20	08:02	34-34.6S	151-49.9	3948	21.2	24.8	16.3	12.38	23.41	34.34	5.74	.43
90/03/19	22:00	03/20	08:07	34-33.4S	151-50.5	3989	21.3	24.7	16.3	12.38	23.50	34.35	5.74	.39
90/03/19	22:06	03/20	08:12	34-32.2S	151-51.0	4066	21.4	24.8	16.3	12.37	23.82	34.33	5.72	.36
90/03/19	22:10	03/20	08:17	34-31.0S	151-51.5	4465	21.4	25.0	16.1	12.38	23.98	34.36	5.73	.34
90/03/19	22:16	03/20	08:22	34-29.8S	151-52.1	4280	21.5	25.1	16.1	12.37	24.14	34.35	5.74	.27
90/03/19	22:20	03/20	08:27	34-28.6S	151-52.6	4195	21.6	25.3	16.2	12.37	24.22	34.37	5.72	.32
90/03/19	22:26	03/20	08:32	34-27.5S	151-53.2	3911	21.6	25.3	16.2	12.37	24.22	34.37	5.71	.32
90/03/19	22:30	03/20	08:37	34-26.3S	151-56.0	4089	21.6	25.5	16.2	12.37	24.22	34.37	5.71	.32
90/03/19	22:36	03/20	08:42	34-25.1S	151-56.5	3778	21.6	25.4	16.2	12.37	24.14	34.35	5.71	.34
90/03/19	22:40	03/20	08:47	34-23.8S	151-56.5	1663	21.8	25.5	16.1	12.37	24.06	34.38	5.71	.34
90/03/19	22:46	03/20	08:52	34-22.6S	151-56.6	3291	21.6	25.3	16.3	12.37	23.98	34.36	5.69	.36
90/03/19	22:50	03/20	08:57	34-21.2S	151-56.6	3343	21.4	25.2	16.1	12.37	23.74	34.35	5.71	.39
90/03/19	22:56	03/20	09:02	34-19.9S	151-56.7	3642	21.3	25.3	16.3	12.37	23.58	34.38	5.69	.52
90/03/19	23:00	03/20	09:07	34-18.6S	151-56.7	3652	21.2	24.9	16.1	12.37	23.50	34.41	5.70	.53
90/03/19	23:06	03/20	09:12	34-17.4S	151-56.8	3153	21.1	25.1	16.1	12.37	23.58	34.38	5.70	.57
90/03/19	23:10	03/20	09:17	34-16.1S	151-56.8	2057	20.9	24.9	15.2	12.37	23.66	34.34	5.70	.58

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
90/03/19	23:15	03/20	09:22	34-15.1S	151-55.9	1767	20.9	25.0	16.1	12.37	23.66	34.39	5.71	.58
90/03/19	23:20	03/20	09:27	34-14.3S	151-54.6	2539	21.1	25.1	16.1	12.37	23.74	34.36	5.72	.49
90/03/19	23:25	03/20	09:32	34-13.4S	151-53.3	1369	21.6	25.0	15.3	12.37	23.66	34.39	5.71	.34
90/03/19	23:30	03/20	09:37	34-12.6S	151-52.2	1982	21.7	25.1	15.2	12.37	23.50	34.41	5.72	.27
90/03/19	23:35	03/20	09:42	34-11.6S	151-51.4	2225	21.8	25.1	15.2	12.37	23.33	34.37	5.72	.25
90/03/19	23:40	03/20	09:47	34-10.7S	151-50.2	2087	21.8	24.9	15.2	12.37	23.09	34.42	5.72	.26
90/03/19	23:45	03/20	09:52	34-09.8S	151-49.0	1990	22.0	24.8	15.2	12.37	22.85	34.42	5.72	.26
90/03/19	23:50	03/20	09:57	34-09.0S	151-47.8	1906	22.1	24.3	15.4	12.37	22.53	34.45	5.75	.28
90/03/19	23:55	03/20	10:02	34-08.2S	151-46.7	1810	22.1	24.1	15.3	12.37	22.53	34.45	5.76	.26
90/03/20	00:00	03/20	10:07	34-07.3S	151-45.5	1320	21.9	24.0	15.3	12.37	22.45	34.45	5.76	.27
90/03/20	00:05	03/20	10:11	34-06.5S	151-44.3	1358	21.9	23.9	15.2	12.37	22.37	34.47	5.76	.28
90/03/20	00:10	03/20	10:16	34-05.8S	151-43.1	1087	21.9	23.8	15.2	12.37	22.37	34.47	5.77	.25
90/03/20	00:15	03/20	10:21	34-04.8S	151-42.0	841	21.6	23.7	15.4	12.37	22.29	34.50	5.78	.26
90/03/20	00:20	03/20	10:26	34-03.9S	151-41.4	735	21.6	23.8	15.1	12.37	22.21	34.48	5.80	.31
90/03/20	00:25	03/20	10:31	34-03.1S	151-40.3	812	21.6	23.5	12.2	11.73	22.21	34.48	4.50	.34
90/03/20	00:30	03/20	10:36	34-02.4S	151-39.4	448	21.6	23.7	12.1	11.24	24.54	15.45	5.38	.40
90/03/20	00:35	03/20	10:41	34-01.7S	151-38.5	13	21.7	23.7	12.0	13.75	24.70	15.42	5.25	.03
90/03/20	00:40	03/20	10:46	34-01.1S	151-37.6	360	21.7	23.7	12.0	13.95	24.82	15.42	5.20	0.00
90/03/20	00:45	03/20	10:51	34-00.0S	151-36.2	306	21.7	23.7	12.2	13.83	24.70	15.42	5.20	0.00
90/03/20	00:50	03/20	10:56	33-59.3S	151-35.3	246	21.7	23.7	12.1	13.62	24.70	15.42	5.20	0.00
90/03/20	00:55	03/20	11:01	33-58.8S	151-34.3	197	21.7	23.8	12.4	13.53	24.70	15.42	5.17	0.00
90/03/20	01:00	03/20	11:06	33-58.0S	151-33.4	183	21.7	23.8	12.4	13.89	24.70	15.42	5.17	0.00
90/03/20	01:05	03/20	11:11	33-57.2S	151-32.5	164	21.7	23.6	12.2	13.75	24.78	15.42	5.18	0.00
90/03/20	01:10	03/20	11:16	33-56.8S	151-31.6	150	21.7	23.7	12.3	13.73	24.70	15.42	5.17	0.00
90/03/20	01:15	03/20	11:21	33-55.9S	151-30.6	145	21.8	23.7	12.4	13.88	24.70	15.42	5.17	0.00
90/03/20	01:20	03/20	11:25	33-55.1S	151-29.6	143	21.8	23.7	12.0	13.76	24.70	15.42	5.17	0.00
90/03/20	01:25	03/20	11:30	33-54.4S	151-28.7	131	21.8	23.7	12.4	13.66	24.62	15.42	5.15	0.00
90/03/20	01:30	03/20	11:35	33-53.7S	151-27.9	131	21.9	23.7	12.3	13.89	24.70	15.42	5.11	0.00
90/03/20	01:35	03/20	11:40	33-52.9S	151-27.2	125	21.9	23.6	12.4	13.72	24.82	15.42	5.07	0.00
90/03/20	01:40	03/20	11:45	33-51.4S	151-26.9	127	22.1	23.7	12.5	13.72	24.54	15.42	5.03	0.00
90/03/20	01:45	03/20	11:50	33-50.5S	151-26.5	122	22.1	23.8	11.1	13.67	24.54	15.42	5.00	0.00
90/03/20	01:50	03/20	11:55	33-49.8S	151-26.1	120	22.4	23.6	11.0	13.67	24.46	15.42	4.97	0.00
90/03/20	01:55	03/20	12:00	33-48.8S	151-25.4	114	22.2	23.7	12.1	13.80	24.46	15.42	4.96	0.00
90/03/20	02:15	03/20	12:20	33-47.2S	151-21.8	54	21.9	23.5	9.4	-1.31	-5.20	-0.01	-7.50	0.00

Table 3. Vertical profiles of chlorophyll *a* and pheopigments which were manually measured by fluorometric method during the JARE-31 cruise of the icebreaker Shirase.

Date, Time: date and time of GMT

Latitude, Longitude: ship's position

Depth: sampling depth (m)

Chl-*a*: chlorophyll *a* concentration ($\mu\text{g l}^{-1}$)

Pheo: pheopigments concentration ($\mu\text{g l}^{-1}$)

%: pigment ratio of chlorophyll *a* to sum of pheopigments and chlorophyll *a*

Date	Time	Latitude	Longitude	Depth	Chl-a	Pheo	%
GMT				m	$\mu\text{g/l}$	$\mu\text{g/l}$	
1205	520	40 - 48.7 S	110 - 12 E	0	0.126	0.423	23.0
				6	0.089	0.359	19.8
				11	0.092	0.397	18.8
				17	0.082	0.366	18.3
				28	0.126	0.362	25.9
				41	0.107	0.402	21.1
				55	0.101	0.896	10.1
				69	0.070	0.256	21.3
				83	0.098	0.167	37.0
				110	0.060	0.347	14.7
211	1205	66 - 34 S	39 - 0 E	0	0.082	0.773	9.6
				11	0.057	0.432	11.6
				20	0.073	0.721	9.2
				29	0.107	1.664	6.1
				49	0.114	3.062	3.6
				69	0.215	2.574	7.7
				87	0.139	1.490	8.5
				109	0.070	0.480	12.7
				126	0.051	0.764	6.2
				165	0.028	0.867	3.2
224	1320	65 - 56.2 S	46 - 46.1 E	0	0.537	0.867	38.3
				17	0.139	0.574	19.5
				25	0.190	0.564	25.2
				32	0.095	0.373	20.3
				46	0.322	0.777	29.3
				64	0.408	0.570	41.7
				82	0.218	0.433	33.5
				99	0.082	0.386	17.6
				117	0.013	0.069	15.5
				153	0.016	0.432	3.5
225	1005	62 - 39.9 S	47 - 2.6 E	0	0.041	0.081	33.6
				12	0.035	0.047	42.7
				21	0.022	0.019	54.3
				31	0.073	0.131	35.7
				50	0.032	0.050	38.8
				75	0.082	0.162	33.6
				100	0.288	0.425	40.4
				125	0.044	0.078	36.2
				149	0.022	0.181	10.9
				198	0.003	0.139	2.2
226	1005	59 - 21.3 S	47 - 1.3 E	0	0.186	0.221	45.8

Date	Time	Latitude	Longitude	Depth	Chl-a	Pheo	%
GMT				m	µg/l	µg/l	
				9	0.250	0.381	39.6
				18	0.348	0.548	38.8
				25	0.193	0.377	33.8
				41	0.326	0.550	37.2
				61	0.240	0.513	31.9
				81	0.193	0.398	32.7
				100	0.171	0.460	27.0
				120	0.041	0.183	18.3
				144	0.028	0.114	20.0
227	910	56 - 20.2 S	48 - 8.7 E	0	0.079	0.084	48.5
				6	0.126	0.220	36.5
				9	0.092	0.153	37.5
				12	0.155	0.334	31.7
				23	0.117	0.107	52.2
				36	0.044	0.078	36.2
				49	0.120	0.369	24.6
				63	0.092	0.173	34.6
				76	0.063	0.161	28.2
				103	0.016	0.188	7.8
228	905	55 - 59.7 S	54 - 14.6 E	0	0.196	0.272	41.9
				10	0.130	0.298	30.3
				18	0.085	0.363	19.1
				27	0.152	0.154	49.7
				45	0.130	0.135	49.0
				66	0.145	0.282	34.0
				88	0.133	0.498	21.0
				110	0.035	0.108	24.4
				132	0.044	0.200	18.1
				176	0.028	0.114	20.0
303	805	60 - 59.6 S	67 - 39.8 E	0	0.054	0.109	33.0
				12	0.063	0.283	18.3
				21	0.079	0.410	16.2
				30	0.044	0.119	27.2
				49	0.054	0.252	17.6
				71	0.022	0.100	18.1
				94	0.060	0.286	17.4
				117	0.079	0.247	24.3
				140	0.047	0.197	19.4
				185	0.066	0.239	21.7
304	805	61 - 0 S	76 - 36.7 E	0	0.066	0.178	27.2
				10	0.073	0.212	25.5

Date	Time	Latitude	Longitude	Depth	Chl-a	Pheo	%
GMT				m	µg/l	µg/l	
				19	0.076	0.433	14.9
				29	0.066	0.198	25.1
				47	0.038	0.166	18.6
				71	0.044	0.343	11.4
				119	0.076	0.270	21.9
				143	0.041	0.244	14.4
				192	0.003	0.363	0.9
305	700	61 - 2.5 S	84 - 7.7 E	0	0.209	0.321	39.4
				9	0.316	0.478	39.8
				17	0.386	0.429	47.4
				24	0.417	0.458	47.7
				40	0.367	0.529	40.9
				59	0.553	0.750	42.5
				78	0.278	0.414	40.2
				97	0.196	0.456	30.1
				116	0.054	0.170	24.0
				153	0.022	0.181	10.9
307	615	60 - 57.7 S	99 - 15.8 E	0	0.177	0.169	51.1
				11	0.041	0.224	15.5
				20	0.126	0.199	38.8
				30	0.136	0.190	41.7
				49	0.098	0.167	37.0
				64	0.174	0.315	35.6
				97	0.202	0.307	39.7
				121	0.051	0.173	22.6
				145	0.025	0.178	12.4
				192	0.013	0.211	5.6
308	615	60 - 57.6 S	106 - 58.4 E	0	0.161	0.348	31.7
				8	0.142	0.265	34.9
				15	0.114	0.436	20.7
				23	0.139	0.187	42.7
				38	0.130	0.257	33.5
				57	0.089	0.258	25.6
				76	0.085	0.179	32.2
				95	0.136	0.373	26.7
				114	0.051	0.234	17.7
				152	0.019	0.164	10.4
309	520	60 - 59.9 S	114 - 25.2 E	0	0.114	0.232	32.9
				13	0.092	0.275	25.0
				22	0.098	0.431	18.5
				31	0.107	0.178	37.7

Date	Time	Latitude		Longitude		Depth	Chl-a	Pheo	%
	GMT					m	µg/l	µg/l	
						49	0.076	0.209	26.6
						71	0.130	0.359	26.5
						116	0.085	0.383	18.2
						140	0.025	0.178	12.4
						184	0.003	0.302	1.0
310	750	61	- 0.5 S	122	- 9.4 E	0	0.130	0.298	30.3
						15	0.089	0.176	33.4
						24	0.123	0.264	31.9
						33	0.152	0.194	43.8
						52	0.120	0.226	34.7
						76	0.123	0.121	50.5
						100	0.107	0.178	37.7
						123	0.025	0.117	17.7
						146	0.025	0.158	13.8
						194	0.009	0.153	5.8
312	425	61	- 1.3 S	137	- 15.4 E	0	0.044	0.017	72.5
						5	0.035	0.128	21.3
						11	0.044	0.058	43.5
						16	0.038	0.105	26.6
						26	0.044	0.139	24.2
						39	0.044	0.180	19.8
						53	0.032	0.152	17.3
						66	0.041	0.163	20.2
						79	0.047	0.136	25.9
						105	0.092	0.234	28.1
313	315	60	- 59 S	144	- 47 E	0	0.044	0.159	21.7
						6	0.035	0.189	15.5
						13	0.041	0.122	25.2
						19	0.035	0.169	17.1
						33	0.051	0.173	22.6
						49	0.057	0.187	23.3
						65	0.044	0.220	16.7
						81	0.044	0.322	12.1
						98	0.076	0.352	17.7
						131	0.117	0.351	25.0
314	320	60	- 28 S	149	- 59.3 E	0	0.063	0.161	28.2
						9	0.145	0.323	31.1
						17	0.136	0.210	39.3
						23	0.085	0.383	18.2
						35	0.085	0.301	22.1
						48	0.089	0.441	16.7

Date GMT	Time	Latitude	Longitude	Depth m	Chl-a μg/l	Pheo μg/l	%
				59	0.193	0.377	33.8
				73	0.221	0.491	31.1
				97	0.168	0.321	34.3
				126	0.092	0.580	13.6
315	215	56 - 32.5 S	149 - 56.8 E	0	0.136	0.149	47.7
				9	0.111	0.134	45.3
				15	0.117	0.148	44.2
				22	0.066	0.259	20.4
				35	0.092	0.254	26.5
				52	0.114	0.192	37.3
				68	0.104	0.160	39.4
				85	0.190	0.279	40.5
				101	0.218	0.291	42.9
				140	0.152	0.296	33.9
317	210	47 - 50.9 S	149 - 59.5 E	0	0.281	0.533	34.5
				10	0.278	0.516	35.0
				16	0.291	0.483	37.6
				21	0.215	0.457	32.0
				32	0.240	0.513	31.9
				47	0.266	0.508	34.3
				60	0.259	0.474	35.4
				74	0.199	0.412	32.6
				88	0.095	0.292	24.5
				116	0.070	0.338	17.1