

Report on the Phytoplankton Pigments measured  
during the JARE-30 Cruise to Syowa Station, Antarctica,  
November 1988 to March 1989

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This is a report on the surface phytoplankton pigments measured on board the icebreaker SHIRASE during the JARE-30 cruise to and from Syowa Station, Antarctica, from November 1988 to March 1989. Concentrations of chlorophyll *a* in the surface water along the cruise track 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 in the Antarctic water.

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 south-bound course from Fremantle, Western Australia, to Syowa Station (3 - 18 December), and those of the north-bound course to Sydney, Eastern Australia (4 - 19 March) (Fig. 1). These data, obtained with a Turner Designs model 1000R fluorometer, were calibrated with the 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 south-bound course is:

$$\text{Chl. } a = 0.0871 R^{0.672}, \quad r = 0.444, \quad n = 22, \quad P < 0.05,$$

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and the north-bound course is:

$$\text{Chl. } a = 0.0537 R^{0.729}, \quad r = 0.452, \quad n = 18, \quad P < 0.1,$$

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 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 Matsumoto (1991) on linear scales.

## 2. Vertical profiles of phytoplankton pigments

Vertical profiles of chlorophyll *a* and pheopigments were determined at 7 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

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- Parsons, T. R., Maita, Y. and Lalli, C. M. (1984): A Manual of Chemical and Biological Methods for Seawater Analysis. Oxford, Pergamon Press, 173p.

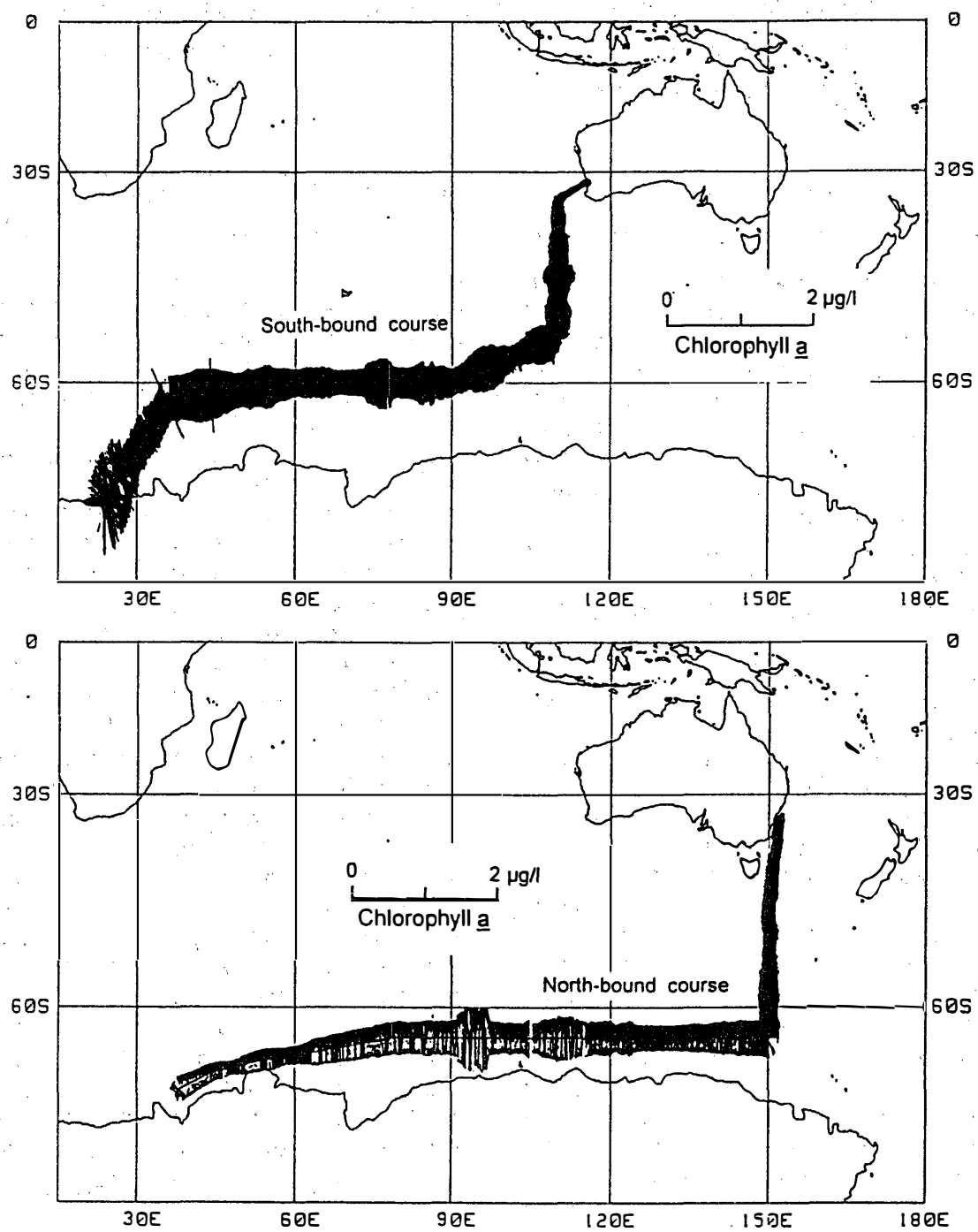


Fig. 1. Geographical variations of chlorophyll *a* in the surface layer (8 m depth) along the course of the JARE-30 cruise of the icebreaker Shirase.

Table 1. Chlorophyll *a* concentration ( $\mu\text{g l}^{-1}$ ), manually measured by the fluorometric method, and associated data collected during the JARE-30 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				$\mu\text{g/l}$
1114	2255	31 - 0.9 N	137 - 32.8 E	0.237	1208	1300	55 - 39.3 S	107 - 36.4 E	0.278
1115	855	28 - 45.6 N	136 - 21.2 E	0.082	1209	100	56 - 51.6 S	102 - 53.7 E	0.389
1115	2300	25 - 24.7 N	134 - 36.9 E	0.070	1210	200	59 - 17.3 S	92 - 51.2 E	0.417
1116	900	23 - 13.7 N	133 - 32.4 E	0.060	1210	1400	59 - 58.9 S	87 - 31.7 E	0.490
1116	2255	19 - 54.6 N	132 - 3.8 E	0.057	1211	1430	60 - 1.6 S	77 - 8.2 E	0.771
1117	900	17 - 44.8 N	131 - 2.3 E	0.041	1212	330	59 - 60 S	71 - 36 E	0.070
1117	2300	14 - 19.7 N	129 - 37.5 E	0.022	1213	400	60 - 0.7 S	60 - 0.7 E	0.212
1118	800	12 - 4.6 N	128 - 59.6 E	0.013	1213	1550	60 - 23 S	54 - 43.6 E	0.133
1118	2300	8 - 19.6 N	128 - 0.6 E	0.013	1214	450	60 - 48.8 S	48 - 36 E	0.136
1120	900	2 - 21.9 N	121 - 31.8 E	0.155	1214	1650	61 - 12.8 S	42 - 31.3 E	0.088
1120	2300	0 - 14.1 S	119 - 19.4 E	0.180	1215	600	61 - 43.1 S	36 - 0.5 E	0.070
1121	900	2 - 36.5 S	118 - 34.4 E	0.142	1216	500	66 - 7 S	30 - 18.1 E	0.218
1121	2300	5 - 47.8 S	116 - 55.8 E	0.205	1217	430	70 - 14.2 S	23 - 54.2 E	1.113
1122	900	7 - 56.5 S	116 - 1.4 E	0.142	305	430	66 - 13.5 S	43 - 49.2 E	0.104
1122	2300	11 - 1.2 S	115 - 11.5 E	0.098	305	1700	65 - 22.2 S	51 - 14.1 E	0.215
1123	900	13 - 21.7 S	114 - 44.6 E	0.057	306	500	64 - 64.4 S	58 - 36.4 E	0.145
1123	2300	16 - 31.7 S	114 - 5.7 E	0.044	307	410	63 - 34.7 S	72 - 27.8 E	0.190
1124	900	18 - 35.7 S	113 - 34 E	0.063	307	1430	63 - 3.9 S	78 - 28.4 E	0.186
1124	2300	21 - 45.6 S	112 - 50.2 E	0.038	308	200	62 - 60 S	85 - 11.7 E	0.294
1125	900	23 - 56.2 S	112 - 19.1 E	0.066	308	1430	63 - 0.3 S	92 - 35.6 E	1.220
1125	2300	26 - 48.9 S	112 - 28.5 E	0.161	309	230	63 - 0.1 S	99 - 30.4 E	0.221
1126	900	28 - 59.4 S	113 - 25 E	0.370	309	1250	63 - 0.2 S	105 - 20.8 E	0.240
1126	2300	31 - 36.6 S	114 - 55.2 E	0.101	310	230	62 - 59.8 S	113 - 17.8 E	0.496
1204	0	34 - 27.7 S	110 - 54.7 E	0.092	311	140	63 - 0.5 S	125 - 43.2 E	0.193
1204	1200	36 - 47.9 S	109 - 58.9 E	0.095	311	1100	62 - 59.7 S	130 - 45.3 E	0.092
1205	100	39 - 52.7 S	110 - 0 E	0.183	312	100	63 - 1.7 S	138 - 19.7 E	0.133
1205	1300	41 - 40.2 S	109 - 59.3 E	0.193	312	1145	63 - 0.2 S	143 - 52.6 E	0.076
1206	100	44 - 40.8 S	109 - 59 E	0.332	313	2300	60 - 4.9 S	149 - 59.5 E	0.092
1206	1300	46 - 56.8 S	110 - 1.8 E	0.768	314	830	59 - 4.3 S	149 - 56.5 E	0.136
1207	100	49 - 48 S	109 - 52.8 E	0.357	316	2300	47 - 48.4 S	150 - 0.2 E	0.284
1207	1300	51 - 40.8 S	109 - 54.5 E	0.547	317	400	47 - 4.5 S	150 - 15.2 E	0.262
1208	100	54 - 33.6 S	109 - 58.7 E	0.180					



Table 2. Chlorophyll *a* measured with the surface water monitoring system, and associated data, from the JARE-30 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<sup>-1</sup>) Chl: chlorophyll *a* concentration (µg l<sup>-1</sup>)

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]
88/12/03	01:00	12/03	08:42	32-02.9S	115-44.7	0	20.5	-3.0	0.0	.82	23.00	.18	1.64	.10
88/12/03	01:05	12/03	08:47	32-02.9S	115-44.7	0	20.4	-3.0	0.0	.74	23.00	.18	1.62	.10
88/12/03	01:10	12/03	08:52	32-02.9S	115-44.7	0	20.3	-3.0	0.0	.74	23.08	.18	1.61	.09
88/12/03	01:15	12/03	08:57	32-02.9S	115-44.7	0	20.5	-3.0	0.0	.67	23.08	.18	1.61	.09
88/12/03	01:20	12/03	09:02	32-02.9S	115-44.7	0	20.4	-3.0	0.0	.67	23.08	.18	1.62	.09
88/12/03	01:25	12/03	09:07	32-03.0S	115-44.8	0	20.6	-3.0	0.0	.59	23.08	.18	1.63	.09
88/12/03	01:30	12/03	09:12	32-03.0S	115-44.8	0	20.9	-3.0	0.0	.59	23.08	.18	1.64	.09
88/12/03	01:35	12/03	09:17	32-03.0S	115-44.8	0	21.2	-3.0	0.0	.52	23.08	.18	1.62	.09
88/12/03	01:40	12/03	09:22	32-03.0S	115-44.8	0	21.8	-3.0	0.0	.52	23.16	.18	1.58	.09
88/12/03	01:45	12/03	09:27	32-03.0S	115-44.8	0	21.5	-3.0	0.0	.52	23.16	.18	1.56	.09
88/12/03	01:50	12/03	09:32	32-02.9S	115-44.8	0	21.9	-3.0	0.0	.44	23.16	.18	1.54	.09
88/12/03	01:55	12/03	09:37	32-02.9S	115-44.8	0	22.1	-3.0	0.0	.44	23.16	.18	1.54	.09
88/12/03	02:00	12/03	09:42	32-02.9S	115-44.8	8000	22.5	-3.0	0.0	.44	23.16	.18	1.54	.09
88/12/03	02:05	12/03	09:47	32-02.9S	115-44.8	0	22.5	-3.0	0.0	.44	23.16	.18	1.51	.09
88/12/03	02:10	12/03	09:52	32-02.9S	115-44.8	0	22.4	-3.0	0.0	.37	23.24	.18	1.46	.09
88/12/03	02:15	12/03	09:57	32-02.9S	115-44.8	0	22.5	-3.0	0.0	.37	23.24	.18	1.40	.09
88/12/03	02:20	12/03	10:02	32-03.1S	115-44.2	0	22.3	-3.0	0.0	.37	23.24	.18	1.37	.09
88/12/03	02:25	12/03	10:07	32-03.1S	115-43.7	0	21.3	-3.0	0.0	.37	23.24	.18	1.40	.09
88/12/03	02:30	12/03	10:12	32-02.9S	115-43.0	0	20.9	-3.0	0.0	.37	23.24	.18	1.42	.09
88/12/03	02:35	12/03	10:17	32-02.3S	115-42.3	0	20.7	-3.0	0.0	.29	23.24	.18	1.42	.08
88/12/03	02:40	12/03	10:22	32-01.4S	115-41.7	19	20.7	-3.0	0.0	.29	23.24	.18	1.42	.08
88/12/03	02:45	12/03	10:27	32-00.5S	115-41.2	19	20.8	-3.0	0.0	.29	23.24	.18	1.40	.09
88/12/03	02:50	12/03	10:32	31-59.5S	115-41.5	20	21.3	-3.0	0.0	.29	23.24	.18	1.40	.08
88/12/03	02:55	12/03	10:37	31-58.6S	115-42.6	15	21.8	-3.0	0.0	.29	23.24	.18	1.40	.09
88/12/03	03:00	12/03	10:42	31-57.5S	115-43.0	21	21.9	-3.0	0.0	.29	23.24	.18	1.42	.09
88/12/03	03:05	12/03	10:47	31-56.6S	115-42.1	27	21.0	-3.0	0.0	.29	23.24	.18	1.38	.09
88/12/03	03:10	12/03	10:52	31-55.6S	115-41.2	23	20.7	-3.0	0.0	.22	23.24	.18	1.32	.09
88/12/03	03:15	12/03	10:57	31-54.7S	115-40.3	15	20.6	-3.0	0.0	.29	23.33	.18	1.40	.06
88/12/03	03:20	12/03	11:02	31-54.2S	115-39.0	31	20.3	-3.0	0.0	.22	23.33	.16	1.61	.09
88/12/03	03:25	12/03	11:07	31-53.9S	115-37.7	15	20.1	-3.0	0.0	.22	23.33	.18	1.70	.08
88/12/03	03:30	12/03	11:12	31-53.5S	115-36.4	33	20.0	-3.0	0.0	.22	23.33	.18	2.08	.09
88/12/03	03:35	12/03	11:17	31-52.9S	115-35.2	35	20.0	-3.0	0.0	.22	23.42	.18	2.06	.08
88/12/03	03:40	12/03	03:40	00-00.0N	000-00.0	15	20.1	-3.0	0.0	.22	23.42	.18	2.03	.08
88/12/03	03:45	12/03	11:27	31-52.6S	115-33.5	38	20.1	-3.0	0.0	.22	23.50	.16	1.99	.09
88/12/03	03:50	12/03	11:32	31-52.4S	115-32.2	15	20.1	-3.0	0.0	14.63	20.41	35.57	5.21	.09
88/12/03	03:55	12/03	11:37	31-52.4S	115-30.9	44	19.9	-3.0	0.0	14.63	20.33	35.65	6.36	.09
88/12/03	04:00	12/03	11:41	31-52.4S	115-29.8	19	19.8	-3.0	0.0	12.16	20.33	35.65	6.33	.09
88/12/03	04:05	12/03	11:46	31-53.0S	115-28.4	52	19.7	-3.0	0.0	12.38	20.25	35.71	6.47	.08
88/12/03	04:10	12/03	11:51	31-53.6S	115-27.4	19	19.6	-3.0	0.0	12.61	20.17	35.78	6.42	.08
88/12/03	04:15	12/03	11:56	31-54.2S	115-25.2	71	19.6	-3.0	0.0	12.76	20.17	35.78	6.46	.08
88/12/03	04:20	12/03	12:01	31-54.8S	115-23.1	94	19.5	-3.0	0.0	12.83	20.33	35.85	6.51	.08
88/12/03	04:25	12/03	12:06	31-55.5S	115-24.0	19	19.5	-3.0	0.0	12.98	20.33	35.85	6.53	.09
88/12/03	04:30	12/03	12:11	31-56.1S	115-22.9	113	19.4	-3.0	0.0	13.06	20.33	35.75	6.49	.08
88/12/03	04:35	12/03	12:16	31-56.8S	115-21.8	123	19.2	-3.0	0.0	13.13	20.33	35.75	6.52	.08
88/12/03	04:40	12/03	12:21	31-57.4S	115-20.7	135	19.2	-3.0	0.0	13.13	20.41	35.78	6.51	.08
88/12/03	04:45	12/03	12:26	31-58.0S	115-19.6	152	19.2	-3.0	0.0	13.36	20.41	35.78	6.56	.08
88/12/03	04:50	12/03	12:31	31-58.6S	115-18.5	164	19.1	-3.0	0.0	13.86	20.49	35.72	6.56	.08
88/12/03	04:55	12/03	12:36	31-59.3S	115-17.4	182	19.1	-3.0	0.0	13.73	20.49	35.72	6.54	.08
88/12/03	05:00	12/03	12:41	31-59.9S	115-16.3	220	19.1	-3.0	0.0	13.73	20.49	35.72	6.54	.07
88/12/03	05:05	12/03	12:45	32-04.3S	115-11.0	248	19.1	-3.0	0.0	13.73	20.57	35.75	6.56	.07
88/12/03	05:10	12/03	12:50	32-04.9S	115-09.9	264	18.9	-3.0	0.0	13.88	20.57	35.75	6.59	.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]
88/12/03	05:15	12/03	12:55	32-05.5S	115-08.8	292	18.9	-3.0	0.0	13.88	20.57	35.75	5.56	.07
88/12/03	05:20	12/03	13:00	32-06.2S	115-07.6	318	18.9	-3.0	0.0	13.88	20.49	35.82	5.59	.08
88/12/03	05:25	12/03	13:05	32-06.8S	115-06.5	349	18.8	-3.0	0.0	13.88	20.49	35.72	5.58	.08
88/12/03	05:30	12/03	13:10	32-07.4S	115-05.4	387	18.8	-3.0	0.0	13.96	20.49	35.82	5.56	.07
88/12/03	05:35	12/03	13:15	32-08.0S	115-04.3	494	18.7	-3.0	0.0	13.96	20.57	35.75	5.59	.07
88/12/03	05:40	12/03	13:20	32-08.7S	115-03.2	505	18.6	-3.0	0.0	13.96	20.57	35.75	5.57	.07
88/12/03	05:45	12/03	13:25	32-09.3S	115-02.1	527	18.5	-3.0	0.0	13.96	20.57	35.75	5.60	.07
88/12/03	05:50	12/03	13:30	32-10.0S	115-01.0	582	18.5	-3.0	0.0	14.03	20.65	35.69	5.59	.07
88/12/03	05:55	12/03	13:34	32-10.6S	114-59.8	656	18.6	-3.0	0.0	14.03	20.65	35.69	5.60	.07
88/12/03	06:00	12/03	13:39	32-11.2S	114-58.7	705	18.7	-3.0	0.0	14.03	20.65	35.69	5.59	.07
88/12/03	06:05	12/03	13:44	32-11.9S	114-57.6	695	18.8	-3.0	0.0	8.55	20.65	35.79	5.44	.07
88/12/03	06:10	12/03	13:49	32-12.5S	114-56.5	695	18.8	-3.0	0.0	8.55	20.65	35.69	5.40	.07
88/12/03	06:15	12/03	13:54	32-13.1S	114-55.4	792	18.9	-3.0	0.0	8.63	20.57	35.75	5.40	.07
88/12/03	06:20	12/03	13:59	32-13.7S	114-54.3	938	19.0	-3.0	0.0	8.63	20.49	35.82	5.39	.07
88/12/03	06:25	12/03	14:04	32-15.0S	114-52.2	950	19.0	-3.0	0.0	8.63	20.49	35.72	5.42	.08
88/12/03	06:30	12/03	14:09	32-15.7S	114-51.1	0	19.1	-3.0	0.0	9.83	20.41	35.78	5.45	.07
88/12/03	06:35	12/03	14:14	32-16.3S	114-50.0	826	19.1	-3.0	0.0	10.28	20.41	35.78	5.47	.07
88/12/03	06:40	12/03	14:19	32-16.9S	114-48.8	661	19.1	-3.0	0.0	10.28	20.41	35.78	5.47	.07
88/12/03	06:45	12/03	14:24	32-17.6S	114-47.8	648	19.1	-3.0	0.0	10.88	20.41	35.78	5.52	.07
88/12/03	06:50	12/03	14:29	32-18.2S	114-46.6	657	19.1	-3.0	0.0	11.33	20.41	35.78	5.50	.07
88/12/03	06:55	12/03	14:34	32-18.8S	114-45.5	659	19.1	-3.0	0.0	11.40	20.41	35.78	5.50	.07
88/12/03	07:00	12/03	14:38	32-19.4S	114-44.4	666	19.1	-3.0	0.0	11.40	20.49	35.72	5.48	.07
88/12/03	07:05	12/03	14:43	32-20.1S	114-43.3	668	19.2	-3.0	0.0	11.48	20.57	35.65	5.49	.08
88/12/03	07:10	12/03	14:48	32-20.7S	114-42.2	673	19.2	-3.0	0.0	11.48	20.65	35.69	5.49	.07
88/12/03	07:15	12/03	14:53	32-21.4S	114-41.2	682	19.3	-3.0	0.0	11.55	20.65	35.69	5.47	.07
88/12/03	07:20	12/03	14:58	32-22.0S	114-40.1	697	19.3	-3.0	0.0	11.63	20.73	35.72	5.48	.07
88/12/03	07:25	12/03	15:03	32-22.6S	114-39.0	711	19.3	-3.0	0.0	11.63	20.73	35.72	5.49	.07
88/12/03	07:30	12/03	15:08	32-23.2S	114-37.9	732	19.3	-3.0	0.0	11.70	20.65	35.69	5.49	.07
88/12/03	07:35	12/03	15:13	32-23.9S	114-36.8	746	19.2	-3.0	0.0	11.70	20.65	35.69	5.49	.08
88/12/03	07:40	12/03	15:18	32-24.5S	114-35.7	76	19.1	-3.0	0.0	11.78	20.73	35.62	5.49	.08
88/12/03	07:45	12/03	15:23	32-25.1S	114-34.6	796	19.2	-3.0	0.0	11.78	20.73	35.62	5.49	.08
88/12/03	07:50	12/03	15:28	32-25.6S	114-33.5	826	19.2	-3.0	0.0	11.78	20.81	35.66	5.49	.07
88/12/03	07:55	12/03	15:33	32-26.5S	114-32.4	854	19.2	-3.0	0.0	11.55	20.89	35.69	5.49	.07
88/12/03	08:00	12/03	15:38	32-27.1S	114-31.3	883	19.2	-3.0	0.0	11.48	20.89	35.69	5.47	.08
88/12/03	08:05	12/03	15:43	32-27.7S	114-30.2	913	19.2	-3.0	0.0	11.55	20.97	35.63	5.48	.07
88/12/03	08:10	12/03	15:47	32-28.1S	114-29.6	938	19.2	-3.0	0.0	11.55	21.05	35.66	5.57	.07
88/12/03	08:15	12/03	15:53	32-30.0S	114-30.0	962	19.2	-3.0	0.0	11.55	21.13	35.60	5.68	.07
88/12/03	08:20	12/03	15:57	32-30.5S	114-28.9	1020	19.2	-3.0	0.0	11.48	21.13	35.70	5.55	.07
88/12/03	08:25	12/03	16:02	32-31.1S	114-27.7	0	19.2	-3.0	0.0	11.40	21.23	35.63	5.49	.07
88/12/03	08:30	12/03	16:07	32-31.7S	114-26.5	1115	19.2	-3.0	0.0	11.48	21.13	35.70	5.51	.07
88/12/03	08:35	12/03	16:12	32-32.3S	114-25.4	1197	19.2	-3.0	0.0	11.63	21.05	35.66	5.51	.07
88/12/03	08:40	12/03	16:17	32-32.9S	114-24.2	1262	19.2	-3.0	0.0	11.63	20.97	35.73	5.48	.07
88/12/03	08:45	12/03	16:22	32-33.4S	114-23.0	0	19.1	-3.0	0.0	11.70	20.97	35.73	5.50	.07
88/12/03	08:50	12/03	16:27	32-34.9S	114-22.2	0	19.0	-3.0	0.0	11.70	20.65	35.79	5.49	.07
88/12/03	08:55	12/03	16:32	32-35.5S	114-21.1	1620	19.0	-3.0	0.0	11.78	20.41	35.78	5.49	.07
88/12/03	09:00	12/03	16:37	32-36.1S	114-20.0	1570	19.0	-3.0	0.0	11.78	20.41	35.78	5.52	.07
88/12/03	09:05	12/03	16:42	32-36.7S	114-18.8	1568	18.9	-3.0	0.0	11.78	20.33	35.75	5.52	.07
88/12/03	09:10	12/03	16:47	32-37.3S	114-17.6	1649	18.9	-3.0	0.0	11.65	20.33	35.75	5.54	.07
88/12/03	09:15	12/03	16:52	32-37.9S	114-16.5	1828	18.9	-3.0	0.0	11.03	20.33	35.75	5.52	.07
88/12/03	09:20	12/03	16:57	32-38.6S	114-15.4	1826	18.9	-3.0	0.0	11.40	20.25	35.82	5.56	.07
88/12/03	09:25	12/03	17:01	32-39.2S	114-14.2	1873	18.8	-3.0	0.0	11.40	20.17	35.78	5.54	.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]
88/12/03	09:30	12/03	17:06	32-39.8S	114-13.1	1724	18.8	-3.0	0.0	11.40	20.25	35.71	5.56	.08
88/12/03	09:35	12/03	17:11	32-40.4S	114-11.9	1854	18.8	-3.0	0.0	11.55	20.33	35.75	5.61	.07
88/12/03	09:40	12/03	17:16	32-41.0S	114-10.7	2122	18.8	-3.0	0.0	11.55	20.33	35.75	5.59	.07
88/12/03	09:45	12/03	17:21	32-41.6S	114-09.6	2273	18.8	-3.0	0.0	11.55	20.41	35.68	5.60	.07
88/12/03	09:50	12/03	17:26	32-42.2S	114-08.5	2466	18.7	-3.0	0.0	11.55	20.33	35.75	5.55	.07
88/12/03	09:55	12/03	17:31	32-42.9S	114-07.3	2462	18.6	-3.0	0.0	11.48	20.25	35.71	5.55	.07
88/12/03	10:00	12/03	17:36	32-43.5S	114-06.2	2385	18.6	-3.0	0.0	11.55	20.25	35.71	5.54	.07
88/12/03	10:05	12/03	17:41	32-43.6S	114-05.4	2606	18.5	-3.0	0.0	11.48	20.25	35.71	5.59	.07
88/12/03	10:10	12/03	17:46	32-44.2S	114-04.3	2588	18.5	-3.0	0.0	11.55	20.08	35.74	5.51	.07
88/12/03	10:15	12/03	17:51	32-44.8S	114-03.2	2610	18.4	-3.0	0.0	11.55	20.17	35.78	5.56	.07
88/12/03	10:20	12/03	17:56	32-45.4S	114-02.0	2645	18.4	-3.0	0.0	11.63	20.25	35.71	5.57	.08
88/12/03	10:25	12/03	18:01	32-46.0S	114-00.9	2699	18.3	-3.0	0.0	11.63	20.17	35.78	5.56	.08
88/12/03	10:30	12/03	18:05	32-46.6S	113-59.8	2795	18.2	-3.0	0.0	11.70	20.08	35.74	5.52	.07
88/12/03	10:35	12/03	18:10	32-47.0S	113-58.8	2553	18.2	-3.0	0.0	11.78	19.76	35.80	5.52	.08
88/12/03	10:40	12/03	18:15	32-47.6S	113-57.6	2522	18.2	-3.0	0.0	11.70	19.52	35.80	5.52	.07
88/12/03	10:45	12/03	18:20	32-48.1S	113-56.5	2440	18.1	-3.0	0.0	11.70	19.52	35.80	5.52	.08
88/12/03	10:50	12/03	18:25	32-48.7S	113-55.3	2506	18.1	-3.0	0.0	11.85	19.52	35.80	5.54	.07
88/12/03	10:55	12/03	18:30	32-49.3S	113-54.1	2521	18.0	-3.0	0.0	11.78	19.60	35.73	5.56	.08
88/12/03	11:00	12/03	18:35	32-50.0S	113-53.0	2443	18.0	-3.0	0.0	11.85	19.68	35.77	5.61	.07
88/12/03	11:05	12/03	18:40	32-50.6S	113-51.9	2477	17.9	-3.0	0.0	11.93	19.76	35.80	5.61	.08
88/12/03	11:10	12/03	18:45	32-51.3S	113-50.8	2903	17.9	-3.0	0.0	11.93	19.76	35.80	5.59	.08
88/12/03	11:15	12/03	18:50	32-52.0S	113-49.7	2738	17.8	-3.0	0.0	11.93	19.76	35.80	5.59	.07
88/12/03	11:20	12/03	18:55	32-52.6S	113-48.6	2516	17.7	-3.0	0.0	11.93	19.92	35.77	5.59	.07
88/12/03	11:25	12/03	19:00	32-53.3S	113-47.5	2499	17.7	-3.0	0.0	12.00	20.17	35.68	5.61	.07
88/12/03	11:30	12/03	19:05	32-53.7S	113-45.8	2461	17.6	-3.0	0.0	12.00	20.25	35.71	5.61	.08
88/12/03	11:35	12/03	19:09	32-54.4S	113-44.8	2521	17.5	-3.0	0.0	12.00	20.25	35.71	5.57	.07
88/12/03	11:40	12/03	19:14	32-55.0S	113-43.6	2512	17.4	-3.0	0.0	12.08	20.25	35.71	5.58	.08
88/12/03	11:45	12/03	19:19	32-55.6S	113-42.5	2500	17.4	-3.0	13.4	12.16	20.17	35.78	5.54	.07
88/12/03	11:50	12/03	19:24	32-56.3S	113-41.3	2441	17.3	-3.0	13.6	12.08	20.17	35.88	5.53	.07
88/12/03	11:55	12/03	19:29	32-56.9S	113-40.3	2470	17.4	-3.0	13.4	12.16	20.00	35.81	5.51	.08
88/12/03	12:00	12/03	19:34	32-57.6S	113-39.1	2338	17.3	-3.0	13.6	12.16	19.92	35.77	5.52	.08
88/12/03	12:05	12/03	19:39	32-58.3S	113-38.0	2372	17.4	-3.0	13.7	12.16	19.76	35.70	5.52	.08
88/12/03	12:10	12/03	19:44	32-58.9S	113-36.8	2372	17.4	-3.0	13.5	12.16	19.60	35.73	5.52	.08
88/12/03	12:15	12/03	19:49	32-59.6S	113-35.7	2372	17.3	-3.0	13.7	12.23	19.36	35.83	5.49	.08
88/12/03	12:20	12/03	19:54	33-00.3S	113-34.5	2372	17.2	-3.0	13.8	12.23	19.12	35.82	5.47	.08
88/12/03	12:25	12/03	19:59	33-01.0S	113-33.4	2372	17.2	-3.0	13.7	12.23	19.12	35.82	5.51	.09
88/12/03	12:30	12/03	20:04	33-01.6S	113-32.2	2372	17.1	-3.0	13.2	12.31	19.12	35.72	5.55	.08
88/12/03	12:35	12/03	20:09	33-02.3S	113-31.1	2372	17.0	-3.0	13.9	12.31	19.12	35.72	5.54	.09
88/12/03	12:40	12/03	20:13	33-02.9S	113-29.9	2372	17.0	-3.0	13.6	12.31	19.12	35.72	5.55	.08
88/12/03	12:45	12/03	20:18	33-03.5S	113-28.7	2372	16.9	-3.0	13.7	12.38	19.12	35.72	5.57	.08
88/12/03	12:50	12/03	20:23	33-04.3S	113-27.6	2372	16.9	-3.0	13.8	12.46	19.12	35.72	5.57	.08
88/12/03	12:55	12/03	20:28	33-04.9S	113-26.5	2372	16.8	-3.0	13.5	12.46	19.12	35.72	5.56	.08
88/12/03	13:00	12/03	20:33	33-05.5S	113-25.3	2372	18.7	-3.0	13.3	12.46	19.12	35.72	5.59	.08
88/12/03	13:05	12/03	20:38	33-06.2S	113-24.2	0	248.0	16.6	-3.0	12.46	19.12	35.72	5.59	.08
88/12/03	13:10	12/03	20:43	33-06.8S	113-23.1	3298	16.6	-3.0	12.7	12.46	19.12	35.72	5.58	.08
88/12/03	13:15	12/03	20:48	33-07.4S	113-22.0	3346	16.5	-3.0	13.2	12.16	19.12	35.72	5.58	.08
88/12/03	13:20	12/03	20:53	33-08.1S	113-20.9	3425	16.4	-3.0	13.2	12.23	19.03	35.79	5.58	.09
88/12/03	13:25	12/03	20:58	33-08.8S	113-19.7	3431	16.4	-3.0	13.0	12.31	19.03	35.79	5.57	.08
88/12/03	13:30	12/03	21:03	33-09.4S	113-18.6	3525	16.4	-3.0	12.7	12.31	19.03	35.79	5.60	.09
88/12/03	13:35	12/03	21:08	33-10.0S	113-17.5	3662	16.4	-3.0	13.1	12.31	19.03	35.79	5.58	.09
88/12/03	13:40	12/03	21:13	33-10.7S	113-16.4	3652	18.4	-3.0	13.2	12.38	19.03	35.79	5.59	.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]
88/12/03	13:45	12/03	21:18	33-11.3S	113-15.2	3748	16.4	-3.0	12.6	12.31	19.03	35.79	5.60	.09
88/12/03	13:50	12/03	21:22	33-11.9S	113-14.2	3721	16.4	-3.0	13.3	12.23	19.03	35.79	5.60	.09
88/12/03	13:55	12/03	21:27	33-12.5S	113-13.0	3676	16.3	-3.0	13.6	12.23	19.03	35.79	5.60	.09
88/12/03	14:00	12/03	21:32	33-13.2S	113-11.9	3750	16.3	-3.0	12.9	12.31	19.03	35.79	5.63	.08
88/12/03	14:05	12/03	21:37	33-13.9S	113-10.8	3782	16.3	-3.0	13.0	12.31	19.12	35.72	5.61	.08
88/12/03	14:10	12/03	21:42	33-14.5S	113-09.7	3782	16.3	-3.0	13.6	12.31	19.12	35.72	5.63	.08
88/12/03	14:15	12/03	21:47	33-15.1S	113-08.6	3766	16.3	-3.0	13.3	12.31	19.12	35.72	5.63	.09
88/12/03	14:20	12/03	21:52	33-15.8S	113-07.5	3739	16.4	-3.0	13.4	12.31	19.12	35.72	5.62	.09
88/12/03	14:25	12/03	21:57	33-16.4S	113-06.4	3719	16.3	-3.0	13.6	12.31	19.12	35.72	5.62	.09
88/12/03	14:30	12/03	22:02	33-17.0S	113-05.2	3715	16.3	-3.0	13.1	12.31	19.12	35.72	5.63	.09
88/12/03	14:35	12/03	22:07	33-17.6S	113-04.1	3755	16.2	-3.0	12.4	12.53	19.12	35.72	5.61	.09
88/12/03	14:40	12/03	22:12	33-16.7S	113-00.9	3731	16.3	-3.0	12.8	12.68	19.12	35.72	5.61	.09
88/12/03	14:45	12/03	22:16	33-17.3S	112-59.8	3768	16.1	-3.0	13.3	12.68	19.12	35.72	5.61	.09
88/12/03	14:50	12/03	22:21	33-17.9S	112-58.6	3840	16.0	-3.0	12.7	12.23	19.12	35.72	5.59	.09
88/12/03	14:55	12/03	22:26	33-18.5S	112-57.4	3768	16.0	-3.0	12.8	12.38	19.12	35.72	5.61	.09
88/12/03	15:00	12/03	22:31	33-19.1S	112-56.3	3757	15.9	-3.0	13.1	12.38	19.12	35.72	5.61	.09
88/12/03	15:05	12/03	22:36	33-19.9S	112-54.7	3747	15.9	-3.0	12.7	12.38	19.20	35.65	5.60	.09
88/12/03	15:10	12/03	22:41	33-20.6S	112-53.6	3747	16.0	-3.0	13.0	12.38	19.20	35.65	5.61	.09
88/12/03	15:15	12/03	22:46	33-21.2S	112-52.4	3748	16.0	-3.0	12.8	12.31	19.12	35.72	5.61	.09
88/12/03	15:20	12/03	22:51	33-21.9S	112-51.3	3747	16.0	-3.0	13.2	12.31	19.12	35.72	5.60	.09
88/12/03	15:25	12/03	22:56	33-22.6S	112-50.2	3744	16.0	-3.0	13.0	12.31	19.12	35.72	5.57	.09
88/12/03	15:30	12/03	23:01	33-23.2S	112-49.0	3712	16.1	-3.0	13.2	12.31	19.12	35.72	5.59	.09
88/12/03	15:35	12/03	23:06	33-23.8S	112-47.9	3562	16.1	-3.0	13.1	12.31	19.12	35.72	5.59	.09
88/12/03	15:40	12/03	23:11	33-24.5S	112-46.7	3492	16.2	-3.0	13.4	12.31	19.12	35.72	5.61	.09
88/12/03	15:45	12/03	23:16	33-25.1S	112-45.6	3435	16.2	-3.0	13.1	12.31	19.12	35.72	5.59	.09
88/12/03	15:50	12/03	23:20	33-25.8S	112-44.5	3276	16.1	-3.0	13.2	12.38	19.12	35.72	5.59	.09
88/12/03	15:55	12/03	23:25	33-26.5S	112-43.3	3191	16.1	-3.0	13.3	12.38	19.12	35.72	5.60	.09
88/12/03	16:00	12/03	23:30	33-27.1S	112-42.2	3199	16.0	-3.0	12.8	12.46	19.12	35.72	5.63	.09
88/12/03	16:05	12/03	23:35	33-27.8S	112-41.0	3161	16.0	-3.0	13.5	12.46	19.12	35.72	5.62	.09
88/12/03	16:10	12/03	23:40	33-28.3S	112-40.1	3134	16.0	-3.0	13.0	12.38	19.12	35.72	5.63	.09
88/12/03	16:15	12/03	23:45	33-29.1S	112-38.8	3068	16.0	-3.0	13.4	12.46	19.20	35.76	5.65	.09
88/12/03	16:20	12/03	23:50	33-31.2S	112-38.3	3033	16.1	-3.0	13.1	12.46	19.44	35.76	5.67	.09
88/12/03	16:25	12/03	23:55	33-32.0S	112-36.9	0	16.2	-3.0	13.1	12.46	19.52	35.80	5.67	.09
88/12/03	16:30	12/04	00:00	33-32.8S	112-35.8	3700	16.2	-3.0	13.2	12.46	19.52	35.70	5.67	.09
88/12/03	16:35	12/04	00:05	33-33.4S	112-34.7	0	16.3	-3.0	12.5	12.38	19.44	35.76	5.65	.09
88/12/03	16:40	12/04	00:10	33-34.0S	112-33.7	0	16.3	-3.0	12.4	12.38	19.44	35.76	5.67	.09
88/12/03	16:45	12/04	00:15	33-34.7S	112-32.7	3700	16.3	-3.0	12.1	12.83	19.44	35.76	5.68	.09
88/12/03	16:50	12/04	00:20	33-35.3S	112-31.7	0	16.2	-3.0	12.9	12.91	19.44	35.76	5.72	.08
88/12/03	16:55	12/04	00:25	33-35.9S	112-30.6	0	16.1	-3.0	12.7	12.91	19.52	35.70	5.70	.09
88/12/03	17:00	12/04	00:29	33-36.6S	112-29.6	0	16.1	-3.0	12.7	12.98	19.52	35.80	5.69	.09
88/12/03	17:05	12/04	00:34	33-37.2S	112-28.5	0	16.1	-3.0	12.3	12.68	19.52	35.80	5.66	.09
88/12/03	17:10	12/04	00:39	33-37.9S	112-27.5	0	16.1	-3.0	12.5	12.53	19.60	35.73	5.69	.08
88/12/03	17:15	12/04	00:44	33-38.5S	112-26.5	0	16.1	-3.0	12.3	12.68	19.60	35.73	5.68	.08
88/12/03	17:20	12/04	00:49	33-39.1S	112-25.4	0	16.0	-3.0	12.6	12.68	19.68	35.77	5.69	.08
88/12/03	17:25	12/04	00:54	33-39.8S	112-24.4	0	15.9	-3.0	12.6	12.76	19.84	35.74	5.71	.09
88/12/03	17:30	12/04	00:59	33-40.4S	112-23.4	0	15.8	-3.0	13.0	12.76	19.84	35.74	5.69	.08
88/12/03	17:35	12/04	01:04	33-41.0S	112-22.4	0	15.7	-3.0	11.9	12.76	19.84	35.74	5.68	.09
88/12/03	17:40	12/04	01:09	33-41.6S	112-21.4	0	15.7	-3.0	11.9	12.76	19.76	35.70	5.66	.09
88/12/03	17:45	12/04	01:14	33-42.3S	112-20.5	0	15.7	-3.0	11.8	12.76	19.68	35.77	5.65	.08
88/12/03	17:50	12/04	01:19	33-44.2S	112-20.2	0	15.7	-3.0	12.0	12.76	19.60	35.73	5.68	.08
88/12/03	17:55	12/04	01:24	33-44.9S	112-19.1	0	15.7	-3.0	12.6	12.76	19.44	35.76	5.68	.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]
88/12/03	18:00	12/04	01:29	33-45.5S	112-18.2	0	16.7	-3.0	12.1	12.83	19.28	35.79	5.63	.08
88/12/03	18:05	12/04	01:34	33-46.1S	112-17.3	0	16.7	-3.0	12.1	12.83	19.20	35.76	5.72	.09
88/12/03	18:10	12/04	01:39	33-46.7S	112-16.4	0	16.7	-3.0	12.4	12.83	19.03	35.79	5.70	.09
88/12/03	18:15	12/04	01:43	33-47.6S	112-14.3	0	16.7	-3.0	11.8	12.83	19.03	35.79	5.70	.09
88/12/03	18:20	12/04	01:48	33-48.2S	112-13.3	2784	16.7	-3.0	13.2	12.83	19.03	35.79	5.75	.09
88/12/03	18:25	12/04	01:53	33-48.8S	112-12.4	2821	16.7	-3.0	11.9	12.83	19.03	35.79	5.70	.09
88/12/03	18:30	12/04	01:58	33-49.3S	112-11.4	2756	16.6	-3.0	12.9	12.83	18.94	35.85	5.72	.09
88/12/03	18:35	12/04	02:03	33-49.9S	112-10.3	2732	16.5	-3.0	13.3	12.83	18.78	35.88	5.68	.09
88/12/03	18:40	12/04	02:08	33-50.5S	112-09.3	2706	16.5	-3.0	12.9	12.83	18.62	35.81	5.66	.08
88/12/03	18:45	12/04	02:13	33-51.0S	112-08.3	2619	16.5	-3.0	12.9	12.91	18.30	35.77	5.66	.09
88/12/03	18:50	12/04	02:18	33-51.6S	112-07.3	2585	16.4	-3.0	12.2	12.91	17.81	35.86	5.65	.09
88/12/03	18:55	12/04	02:23	33-52.1S	112-06.2	2630	16.4	-3.0	13.1	12.91	17.33	35.84	5.63	.09
88/12/03	19:00	12/04	02:28	33-52.7S	112-05.2	2652	16.4	-3.0	12.2	12.91	17.25	35.91	5.67	.09
88/12/03	19:05	12/04	02:33	33-53.3S	112-04.1	2674	16.3	-3.0	13.2	12.98	17.33	35.84	5.73	.09
88/12/03	19:10	12/04	02:38	33-53.8S	112-03.1	2651	16.3	-3.0	13.2	12.98	17.33	35.84	5.75	.09
88/12/03	19:15	12/04	02:43	33-54.4S	112-02.1	2662	16.4	-3.0	12.7	12.91	17.33	35.84	5.77	.09
88/12/03	19:20	12/04	02:48	33-55.0S	112-01.1	2681	16.4	-3.0	12.6	12.91	17.41	35.88	5.78	.09
88/12/03	19:25	12/04	02:53	34-00.8S	112-00.1	2687	16.4	-3.0	12.7	12.91	17.33	35.84	5.80	.09
88/12/03	19:30	12/04	02:57	33-56.1S	111-59.0	2649	16.4	-3.0	13.0	12.91	17.25	35.91	5.78	.09
88/12/03	19:35	12/04	03:02	33-56.7S	111-58.0	2627	16.4	-3.0	12.6	12.91	17.25	35.80	5.82	.09
88/12/03	19:40	12/04	03:07	33-57.1S	111-57.2	2626	16.4	-3.0	13.1	12.91	17.25	35.80	5.82	.09
88/12/03	19:45	12/04	03:12	33-59.6S	111-54.2	2568	16.4	-3.0	13.0	12.83	17.25	35.80	5.83	.09
88/12/03	19:50	12/04	03:17	34-00.1S	111-53.2	2588	16.5	-3.0	13.0	12.91	17.25	35.80	5.84	.09
88/12/03	19:55	12/04	03:22	34-00.7S	111-52.1	2535	16.5	-3.0	13.2	12.83	17.25	35.91	5.84	.09
88/12/03	20:00	12/04	03:27	34-01.5S	111-51.1	2500	16.5	-3.0	13.4	12.83	17.25	35.91	5.86	.09
88/12/03	20:05	12/04	03:32	34-02.1S	111-50.0	2488	16.5	-3.0	13.6	12.91	17.25	35.91	5.86	.09
88/12/03	20:10	12/04	03:37	34-02.7S	111-49.0	2551	16.5	-3.0	13.7	12.83	17.25	35.80	5.85	.09
88/12/03	20:15	12/04	03:42	34-03.3S	111-47.9	2468	16.4	-3.0	13.6	12.83	17.25	35.91	5.87	.09
88/12/03	20:20	12/04	03:47	34-03.9S	111-46.7	2413	16.4	-3.0	13.6	12.83	17.25	35.80	5.86	.09
88/12/03	20:25	12/04	03:52	34-04.4S	111-45.7	0	16.4	-3.0	13.3	12.83	17.33	35.84	5.87	.09
88/12/03	20:30	12/04	03:56	34-05.0S	111-44.6	0	16.3	-3.0	13.1	12.83	17.33	35.84	5.87	.09
88/12/03	20:35	12/04	04:01	34-05.6S	111-43.6	0	16.3	-3.0	13.3	12.83	17.25	35.91	5.85	.09
88/12/03	20:40	12/04	04:06	34-06.2S	111-42.5	0	16.3	-3.0	12.8	12.83	17.25	35.80	5.86	.09
88/12/03	20:45	12/04	04:11	34-06.8S	111-41.5	2800	16.3	-3.0	13.2	12.83	17.25	35.91	5.87	.09
88/12/03	20:50	12/04	04:16	34-07.4S	111-40.4	2350	16.3	-3.0	13.2	12.83	17.41	35.88	5.88	.09
88/12/03	20:55	12/04	04:21	34-08.0S	111-39.3	2326	16.3	-3.0	13.5	12.83	17.65	35.89	5.89	.09
88/12/03	21:00	12/04	04:26	34-08.6S	111-38.3	2316	16.3	-3.0	13.6	12.91	17.81	35.86	5.90	.09
88/12/03	21:05	12/04	04:31	34-09.2S	111-37.2	2299	16.3	-3.0	13.6	12.91	17.89	35.79	5.90	.09
88/12/03	21:10	12/04	04:36	34-09.8S	111-36.1	2289	16.3	-3.0	13.1	12.83	17.81	35.86	5.86	.09
88/12/03	21:15	12/04	04:41	34-10.3S	111-35.0	2263	16.3	-3.0	13.0	12.83	17.81	35.86	5.86	.09
88/12/03	21:20	12/04	04:46	34-09.2S	111-30.8	2240	16.2	-3.0	13.7	12.76	17.97	35.83	5.87	.09
88/12/03	21:25	12/04	04:50	34-09.8S	111-29.7	2229	16.2	-3.0	13.0	12.76	17.97	35.83	5.87	.09
88/12/03	21:30	12/04	04:55	34-10.4S	111-28.6	2218	16.2	-3.0	13.6	12.83	17.89	35.89	5.85	.09
88/12/03	21:35	12/04	05:00	34-11.0S	111-27.5	2208	16.2	-3.0	12.8	12.83	17.81	35.86	5.85	.09
88/12/03	21:40	12/04	05:05	34-11.1S	111-26.8	2196	16.2	-3.0	13.1	12.83	17.65	35.89	5.82	.09
88/12/03	21:45	12/04	05:10	34-11.6S	111-25.7	2188	16.2	-3.0	13.3	12.83	17.57	35.85	5.82	.09
88/12/03	21:50	12/04	05:15	34-12.2S	111-24.7	2177	16.2	-3.0	13.3	12.83	17.65	35.78	5.86	.09
88/12/03	21:55	12/04	05:20	34-12.8S	111-23.5	2164	16.2	-3.0	13.5	12.83	17.81	35.86	5.86	.09
88/12/03	22:00	12/04	05:25	34-13.4S	111-22.4	2148	16.2	-3.0	13.1	12.83	17.97	35.83	5.89	.09
88/12/03	22:05	12/04	05:30	34-13.7S	111-20.8	2133	16.2	-3.0	13.5	12.83	18.06	35.86	5.85	.09
88/12/03	22:10	12/04	05:35	34-14.3S	111-19.6	2114	16.3	-3.0	13.3	12.83	18.06	35.76	5.85	.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]
88/12/03	22:15	12/04	05:40	34-14.9S	111-18.5	2095	15.3	-3.0	12.8	12.83	17.97	35.83	5.85	.09
88/12/03	22:20	12/04	05:45	34-15.5S	111-17.4	2079	15.3	-3.0	13.4	12.83	18.06	35.86	5.85	.09
88/12/03	22:25	12/04	05:50	34-16.0S	111-16.3	2077	15.2	-3.0	13.0	12.83	18.14	35.80	5.84	.09
88/12/03	22:30	12/04	05:55	34-16.6S	111-15.2	2088	15.2	-3.0	13.1	12.83	18.14	35.80	5.84	.09
88/12/03	22:35	12/04	05:59	34-17.2S	111-14.1	2120	15.2	-3.0	12.0	12.83	18.08	35.86	5.83	.09
88/12/03	22:40	12/04	06:04	34-17.7S	111-13.0	2138	15.2	-3.0	13.0	12.83	17.97	35.72	5.82	.09
88/12/03	22:45	12/04	06:09	34-18.2S	111-11.9	2130	15.3	-3.0	13.2	12.83	17.81	35.75	5.81	.09
88/12/03	22:50	12/04	06:14	34-18.8S	111-10.8	2155	15.2	-3.0	13.0	12.91	17.65	35.78	5.80	.10
88/12/03	22:55	12/04	06:19	34-19.4S	111-09.7	2193	15.2	-3.0	13.1	12.83	17.57	35.74	5.80	.10
88/12/03	23:00	12/04	06:24	34-19.9S	111-08.6	2209	15.2	-3.0	12.5	12.83	17.33	35.84	5.80	.10
88/12/03	23:05	12/04	06:29	34-20.4S	111-06.7	2223	15.1	-3.0	13.1	12.83	17.09	35.83	5.82	.10
88/12/03	23:10	12/04	06:34	34-21.1S	111-05.6	2193	15.1	-3.0	13.6	12.83	17.01	35.79	5.84	.10
88/12/03	23:15	12/04	06:39	34-21.6S	111-04.8	2144	15.1	-3.0	12.2	12.91	16.75	35.78	5.85	.10
88/12/03	23:20	12/04	06:44	34-22.4S	111-03.5	2149	15.2	-3.0	13.5	12.91	16.59	35.70	5.90	.11
88/12/03	23:25	12/04	06:49	34-22.9S	111-02.0	2163	15.1	-3.0	13.6	12.91	16.51	35.77	5.90	.11
88/12/03	23:30	12/04	06:54	34-23.6S	111-01.0	2144	15.2	-3.0	13.4	12.91	16.43	35.73	5.91	.11
88/12/03	23:35	12/04	06:58	34-24.2S	110-59.9	2126	15.2	-3.0	13.4	12.91	16.67	35.74	5.94	.11
88/12/03	23:40	12/04	07:03	34-25.0S	110-59.0	2116	15.2	-3.0	13.6	12.61	16.59	35.70	5.97	.11
88/12/03	23:45	12/04	07:08	34-25.8S	110-57.7	2106	15.2	-3.0	13.4	12.61	16.51	35.77	5.94	.11
88/12/03	23:50	12/04	07:13	34-26.5S	110-56.6	2094	15.2	-3.0	13.7	12.53	16.51	35.77	5.95	.11
88/12/03	23:55	12/04	07:18	34-27.1S	110-55.5	2085	15.2	-3.0	13.4	12.00	16.59	35.70	5.95	.10
88/12/04	00:00	12/04	07:23	34-27.7S	110-54.7	2076	15.2	-3.0	13.7	12.08	16.75	35.67	5.95	.10
88/12/04	00:05	12/04	07:28	34-28.3S	110-53.6	2070	15.2	-3.0	13.5	12.08	16.84	35.71	5.97	.10
88/12/04	00:10	12/04	07:33	34-29.0S	110-52.4	2069	15.2	-3.0	13.2	12.08	16.84	35.71	5.96	.10
88/12/04	00:15	12/04	07:38	34-29.8S	110-51.2	2069	15.2	-3.0	12.8	12.08	16.92	35.75	5.95	.10
88/12/04	00:20	12/04	07:43	34-30.3S	110-50.3	2066	15.2	-3.0	12.6	12.08	16.84	35.71	5.95	.10
88/12/04	00:25	12/04	07:48	34-31.0S	110-49.2	2068	15.2	-3.0	13.8	12.08	16.75	35.78	5.92	.10
88/12/04	00:30	12/04	07:53	34-31.6S	110-48.1	2069	15.2	-3.0	13.3	12.16	16.67	35.74	5.95	.11
88/12/04	00:35	12/04	07:58	34-32.3S	110-47.0	2076	15.3	-3.0	13.3	12.08	16.51	35.77	5.94	.11
88/12/04	00:40	12/04	08:03	34-32.9S	110-45.9	2078	15.3	-3.0	13.8	12.08	16.51	35.66	5.95	.11
88/12/04	00:45	12/04	08:07	34-33.5S	110-44.8	2086	15.3	-3.0	13.5	12.08	16.43	35.73	5.98	.11
88/12/04	00:50	12/04	08:12	34-34.2S	110-43.7	2100	15.3	-3.0	13.3	12.08	16.35	35.69	5.97	.12
88/12/04	00:55	12/04	08:17	34-34.9S	110-42.6	2104	15.3	-3.0	13.8	12.08	16.27	35.65	5.98	.12
88/12/04	01:00	12/04	08:22	34-35.5S	110-41.5	2120	15.3	-3.0	13.1	12.08	16.19	35.72	5.99	.12
88/12/04	01:05	12/04	08:27	34-36.2S	110-40.4	2146	15.3	-3.0	13.4	12.08	16.03	35.64	5.99	.12
88/12/04	01:10	12/04	08:32	34-36.8S	110-39.4	2178	15.3	-3.0	13.3	12.08	16.19	35.72	5.99	.11
88/12/04	01:15	12/04	08:37	34-37.5S	110-38.2	2225	15.3	-3.0	13.3	12.08	16.43	35.73	6.01	.11
88/12/04	01:20	12/04	08:42	34-38.3S	110-37.0	2205	15.3	-3.0	12.9	12.08	16.51	35.77	6.00	.10
88/12/04	01:25	12/04	08:47	34-38.9S	110-35.8	2305	15.3	-3.0	13.3	12.08	16.51	35.86	5.98	.11
88/12/04	01:30	12/04	08:52	34-39.6S	110-34.8	2106	15.3	-3.0	13.2	12.08	16.43	35.73	5.97	.10
88/12/04	01:35	12/04	08:57	34-41.5S	110-34.8	2299	15.3	-3.0	13.3	12.08	16.43	35.73	5.99	.10
88/12/04	01:40	12/04	09:02	34-42.2S	110-33.7	2195	15.3	-3.0	13.1	12.08	16.35	35.80	5.98	.10
88/12/04	01:45	12/04	09:07	34-42.9S	110-32.6	2204	15.2	-3.0	13.3	12.08	16.43	35.73	5.98	.10
88/12/04	01:50	12/04	09:12	34-43.5S	110-31.4	2235	15.3	-3.0	13.3	12.08	16.51	35.77	5.97	.10
88/12/04	01:55	12/04	09:17	34-44.1S	110-30.3	2268	15.2	-3.0	13.4	12.08	16.43	35.73	5.97	.10
88/12/04	02:00	12/04	09:21	34-44.8S	110-29.2	2294	15.2	-3.0	13.7	12.08	16.59	35.81	5.97	.10
88/12/04	02:05	12/04	09:26	34-45.5S	110-27.7	2298	15.2	-3.0	12.8	12.08	16.75	35.78	5.96	.10
88/12/04	02:10	12/04	09:31	34-46.1S	110-26.6	2345	15.3	-3.0	13.4	12.08	16.84	35.82	5.97	.10
88/12/04	02:15	12/04	09:36	34-46.8S	110-25.4	2357	15.3	-3.0	13.4	12.08	16.84	35.82	5.96	.10
88/12/04	02:20	12/04	09:41	34-47.5S	110-24.3	2404	15.4	-3.0	12.9	12.08	16.84	35.82	5.93	.10
88/12/04	02:25	12/04	09:46	34-48.1S	110-23.1	2418	15.3	-3.0	13.7	12.08	16.84	35.71	5.93	.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]
88/12/04	02:30	12/04	09:51	34-48.7S	110-22.0	2485	15.4	-3.0	12.7	12.08	16.75	35.78	5.94	.11
88/12/04	02:35	12/04	09:58	34-49.4S	110-20.3	2470	15.3	-3.0	13.5	12.08	16.67	35.74	5.93	.10
88/12/04	02:40	12/04	10:01	34-50.0S	110-19.1	2526	15.2	-3.0	13.6	12.08	16.59	35.81	5.90	.10
88/12/04	02:45	12/04	10:06	34-50.7S	110-17.9	2559	15.2	-3.0	13.4	12.08	16.51	35.77	5.92	.11
88/12/04	02:50	12/04	10:11	34-51.4S	110-16.7	2592	15.2	-3.0	13.1	12.08	16.43	35.73	5.92	.10
88/12/04	02:55	12/04	10:16	34-52.1S	110-15.5	2612	15.1	-3.0	13.5	12.08	16.35	35.80	5.94	.11
88/12/04	03:00	12/04	10:20	34-52.7S	110-14.4	2720	15.1	-3.0	13.4	12.08	16.27	35.65	5.95	.11
88/12/04	03:05	12/04	10:25	34-53.3S	110-13.2	2730	15.1	-3.0	13.7	12.08	16.11	35.79	5.97	.11
88/12/04	03:10	12/04	10:30	34-54.0S	110-12.0	2851	15.2	-3.0	13.6	12.08	16.03	35.75	5.97	.12
88/12/04	03:15	12/04	10:35	34-54.7S	110-11.2	2889	15.2	-3.0	12.8	12.08	15.95	35.71	5.99	.12
88/12/04	03:20	12/04	10:40	34-55.3S	110-10.0	3096	15.2	-3.0	13.5	12.08	16.51	35.77	6.06	.12
88/12/04	03:25	12/04	10:45	34-55.9S	110-08.8	3257	15.3	-3.0	13.6	12.08	16.75	35.89	6.05	.11
88/12/04	03:30	12/04	10:50	34-56.6S	110-07.7	3477	15.4	-3.0	13.8	12.08	16.75	35.78	6.05	.12
88/12/04	03:35	12/04	10:55	34-57.2S	110-06.5	3600	15.5	-3.0	13.6	12.16	16.75	35.78	6.01	.12
88/12/04	03:40	12/04	11:00	34-57.8S	110-05.3	3955	15.4	-3.0	13.6	12.08	16.59	35.81	6.03	.12
88/12/04	03:45	12/04	11:05	34-58.5S	110-04.1	4291	15.4	-3.0	13.6	12.08	16.11	35.68	5.99	.13
88/12/04	03:50	12/04	11:10	34-59.2S	110-02.9	4471	15.3	-3.0	13.3	12.16	15.54	35.62	5.97	.13
88/12/04	03:55	12/04	11:15	34-59.8S	110-01.7	4613	15.3	-3.0	13.7	12.16	15.62	35.66	5.99	.13
88/12/04	04:00	12/04	11:20	35-00.5S	110-00.6	4746	15.3	-3.0	13.5	12.16	15.95	35.71	6.04	.12
88/12/04	04:05	12/04	11:25	35-01.3S	110-00.1	4808	15.3	-3.0	12.8	12.16	16.27	35.76	6.06	.11
88/12/04	04:10	12/04	11:29	35-02.5S	109-59.0	4807	15.4	-3.0	13.7	12.16	16.51	35.88	6.10	.11
88/12/04	04:15	12/04	11:35	35-03.8S	110-00.0	4794	15.4	-3.0	13.9	12.16	16.59	35.81	6.05	.11
88/12/04	04:20	12/04	11:39	35-04.7S	109-59.9	4848	15.4	-3.0	13.7	12.16	16.27	35.76	6.06	.12
88/12/04	04:25	12/04	11:45	35-05.9S	110-00.1	4700	15.4	-3.0	13.7	12.16	15.95	35.71	6.06	.12
88/12/04	04:30	12/04	11:50	35-07.1S	110-00.1	4775	15.4	-3.0	13.4	12.16	14.90	35.39	6.04	.13
88/12/04	04:35	12/04	11:55	35-08.3S	110-00.1	4791	15.5	-3.0	13.9	12.23	14.85	35.37	6.05	.13
88/12/04	04:40	12/04	12:00	35-09.4S	110-00.1	4815	15.5	-3.0	13.7	12.23	14.65	35.37	6.10	.13
88/12/04	04:45	12/04	12:05	35-10.8S	110-00.1	4850	15.5	-3.0	13.7	12.23	14.73	35.41	6.11	.13
88/12/04	04:50	12/04	12:10	35-11.7S	110-00.1	4750	15.5	-3.0	13.8	12.23	14.73	35.41	6.16	.13
88/12/04	04:55	12/04	12:15	35-12.9S	110-00.1	0	15.5	-3.0	13.5	12.23	14.81	35.34	6.21	.13
88/12/04	05:00	12/04	12:20	35-14.0S	110-00.1	0	15.4	-3.0	13.5	12.23	14.81	35.46	6.22	.13
88/12/04	05:05	12/04	12:25	35-15.2S	110-00.1	0	15.0	-3.0	14.1	12.23	14.81	35.34	6.17	.13
88/12/04	05:10	12/04	12:30	35-16.3S	110-00.1	0	14.9	-3.0	14.0	12.23	15.06	35.47	6.22	.13
88/12/04	05:15	12/04	12:35	35-17.5S	110-00.1	0	15.0	-3.0	13.9	12.23	15.14	35.64	6.25	.13
88/12/04	05:20	12/04	12:40	35-18.8S	110-00.1	4750	15.2	-3.0	13.8	12.23	15.30	35.48	6.25	.13
88/12/04	05:25	12/04	12:45	35-19.7S	110-00.1	5005	15.2	-3.0	13.4	12.23	15.22	35.55	6.23	.13
88/12/04	05:30	12/04	12:50	35-20.9S	110-00.1	5548	15.3	-3.0	13.8	12.23	15.30	35.48	6.25	.13
88/12/04	05:35	12/04	12:55	35-22.1S	110-00.1	0	15.5	-3.0	13.8	12.23	15.30	35.48	6.23	.13
88/12/04	05:40	12/04	13:00	35-23.2S	110-00.1	0	15.6	-3.0	14.0	12.31	15.22	35.55	6.24	.13
88/12/04	05:45	12/04	13:05	35-24.4S	110-00.1	0	15.7	-3.0	14.0	12.31	15.22	35.44	6.24	.13
88/12/04	05:50	12/04	13:10	35-25.8S	110-00.2	0	15.5	-3.0	13.6	12.31	15.22	35.44	6.28	.14
88/12/04	05:55	12/04	13:15	35-26.7S	110-00.2	0	15.5	-3.0	13.9	12.31	15.22	35.55	6.25	.13
88/12/04	06:00	12/04	13:20	35-27.8S	110-00.7	0	15.6	-3.0	13.9	12.31	15.30	35.48	6.27	.14
88/12/04	06:05	12/04	13:25	35-28.7S	110-00.7	0	15.7	-3.0	13.6	12.31	15.38	35.53	6.25	.13
88/12/04	06:10	12/04	13:30	35-29.9S	110-00.7	0	15.8	-3.0	13.5	12.31	15.54	35.62	6.27	.13
88/12/04	06:15	12/04	13:35	35-31.0S	110-00.6	0	15.7	-3.0	13.6	12.31	15.62	35.54	6.26	.13
88/12/04	06:20	12/04	13:40	35-32.1S	110-00.6	0	15.5	-3.0	13.4	12.31	15.54	35.62	6.24	.14
88/12/04	06:25	12/04	13:45	35-33.2S	110-00.6	0	15.5	-3.0	13.7	12.31	15.46	35.57	6.20	.14
88/12/04	06:30	12/04	13:50	35-34.3S	110-00.2	0	15.6	-3.0	13.9	12.46	15.46	35.69	6.19	.13
88/12/04	06:35	12/04	13:55	35-35.5S	110-00.2	0	15.6	-3.0	14.1	12.31	15.46	35.57	6.20	.13
88/12/04	06:40	12/04	14:00	35-36.8S	110-00.2	0	15.7	-3.0	13.9	12.31	15.46	35.57	6.20	.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]
88/12/04	06:45	12/04	14:05	35-37.7S	110-00.2	0	15.7	-3.0	13.3	12.31	15.62	35.66	6.21	.13
88/12/04	06:50	12/04	14:10	35-38.9S	110-00.1	0	15.7	-3.0	14.0	12.31	15.70	35.70	6.18	.13
88/12/04	06:55	12/04	14:15	35-40.0S	110-00.1	0	15.6	-3.0	13.9	12.31	15.78	35.63	6.17	.13
88/12/04	07:00	12/04	14:20	35-41.2S	110-00.1	0	15.7	-3.0	13.6	12.31	15.70	35.58	6.17	.13
88/12/04	07:05	12/04	14:25	35-42.3S	110-00.1	0	15.8	-3.0	13.6	12.31	15.70	35.58	6.18	.13
88/12/04	07:10	12/04	14:30	35-43.4S	110-00.0	0	15.8	-3.0	13.8	12.31	15.70	35.58	6.18	.13
88/12/04	07:15	12/04	14:34	35-44.5S	109-50.0	0	15.9	-3.0	13.4	12.31	15.62	35.66	6.18	.13
88/12/04	07:20	12/04	14:40	35-45.7S	110-00.0	0	15.9	-3.0	13.8	12.31	15.62	35.54	6.19	.13
88/12/04	07:25	12/04	14:45	35-46.8S	110-00.0	0	15.9	-3.0	13.5	12.31	15.54	35.62	6.24	.14
88/12/04	07:30	12/04	14:50	35-47.9S	110-00.0	0	16.0	-3.0	13.4	12.31	15.54	35.62	6.23	.13
88/12/04	07:35	12/04	14:55	35-49.0S	110-00.0	0	15.8	-3.0	13.6	12.31	15.70	35.70	6.22	.13
88/12/04	07:40	12/04	14:59	35-50.2S	109-50.0	0	15.5	-3.0	13.4	12.31	16.35	35.80	6.17	.12
88/12/04	07:45	12/04	15:04	35-51.3S	109-50.0	0	15.5	-3.0	13.8	12.31	16.67	35.85	6.16	.11
88/12/04	07:50	12/04	15:10	35-52.4S	110-00.0	0	15.6	-3.0	13.7	12.31	16.84	35.82	6.11	.11
88/12/04	07:55	12/04	15:15	35-53.5S	110-00.0	0	15.7	-3.0	13.9	12.31	16.84	35.71	6.09	.11
88/12/04	08:00	12/04	15:20	35-54.7S	110-00.0	0	15.8	-3.0	13.6	12.31	16.59	35.70	6.08	.11
88/12/04	08:05	12/04	15:25	35-55.8S	110-00.0	0	15.9	-3.0	13.7	12.31	16.51	35.77	6.06	.11
88/12/04	08:10	12/04	15:29	35-56.9S	109-50.0	0	15.9	-3.0	13.5	12.31	16.51	35.77	6.04	.11
88/12/04	08:15	12/04	15:35	35-58.1S	110-00.0	0	15.9	-3.0	13.6	12.31	16.51	35.77	6.05	.11
88/12/04	08:20	12/04	15:39	35-59.2S	109-50.0	0	15.7	-3.0	13.4	12.31	16.59	35.70	6.05	.11
88/12/04	08:25	12/04	15:45	36-00.3S	110-00.0	0	15.5	-3.0	13.9	12.31	16.67	35.74	6.02	.11
88/12/04	08:30	12/04	15:50	36-01.4S	110-00.0	0	327.7	15.5	-3.0	12.31	16.75	35.78	6.03	.12
88/12/04	08:35	12/04	15:55	36-02.5S	110-00.0	0	327.7	15.5	-3.0	12.23	16.75	35.78	6.01	.12
88/12/04	08:40	12/04	15:59	36-03.7S	109-50.0	0	327.7	15.6	-3.0	12.16	16.67	35.74	5.99	.12
88/12/04	08:45	12/04	16:05	36-04.9S	110-00.0	0	327.7	15.7	-3.0	12.16	16.43	35.73	6.00	.12
88/12/04	08:50	12/04	16:10	36-06.0S	110-00.0	0	327.7	15.3	-3.0	12.16	16.03	35.64	6.06	.14
88/12/04	08:55	12/04	16:15	36-07.1S	110-00.0	0	327.7	15.2	-3.0	12.16	15.46	35.57	6.04	.15
88/12/04	09:00	12/04	16:19	36-08.3S	109-50.0	0	327.7	15.3	-3.0	12.23	15.38	35.53	6.08	.14
88/12/04	09:05	12/04	16:24	36-09.4S	109-50.0	0	327.7	15.3	-3.0	12.23	15.38	35.53	6.11	.15
88/12/04	09:10	12/04	16:29	36-10.5S	109-50.0	0	327.7	15.3	-3.0	12.23	15.38	35.53	6.13	.15
88/12/04	09:15	12/04	16:34	36-10.9S	109-59.3	0	327.7	15.2	-3.0	12.23	15.46	35.57	6.15	.14
88/12/04	09:20	12/04	16:39	36-12.1S	109-59.3	0	327.7	15.2	-3.0	12.23	15.46	35.57	6.16	.14
88/12/04	09:25	12/04	16:44	36-13.2S	109-59.3	0	327.7	15.3	-3.0	12.23	15.38	35.41	6.21	.16
88/12/04	09:30	12/04	16:49	36-14.3S	109-59.3	0	327.7	15.0	-3.0	12.23	15.30	35.48	6.23	.17
88/12/04	09:35	12/04	16:54	36-15.4S	109-59.3	0	327.7	15.1	-3.0	12.23	15.38	35.53	6.27	.17
88/12/04	09:40	12/04	16:59	36-16.5S	109-59.3	0	327.7	15.2	-3.0	12.23	15.46	35.46	6.29	.17
88/12/04	09:45	12/04	17:04	36-17.7S	109-59.3	0	327.7	15.3	-3.0	12.23	15.54	35.50	6.28	.17
88/12/04	09:50	12/04	17:09	36-18.8S	109-59.3	0	327.7	15.3	-3.0	12.23	15.62	35.54	6.27	.17
88/12/04	09:55	12/04	17:14	36-20.0S	109-59.3	0	327.7	15.3	-3.0	12.68	15.70	35.58	6.29	.16
88/12/04	10:00	12/04	17:19	36-21.1S	109-59.3	0	327.7	15.3	-3.0	12.61	15.70	35.58	6.28	.16
88/12/04	10:05	12/04	17:24	36-22.3S	109-59.3	0	327.7	15.3	-3.0	12.53	15.70	35.58	6.26	.17
88/12/04	10:10	12/04	17:29	36-23.3S	109-59.3	0	327.7	15.3	-3.0	12.53	15.86	35.67	6.25	.15
88/12/04	10:15	12/04	17:34	36-24.5S	109-59.3	0	327.7	15.3	-3.0	12.53	15.86	35.67	6.22	.16
88/12/04	10:20	12/04	17:39	36-25.6S	109-59.3	0	327.7	15.3	-3.0	12.53	15.95	35.60	6.18	.15
88/12/04	10:25	12/04	17:44	36-26.8S	109-59.3	0	327.7	15.3	-3.0	12.53	15.95	35.71	6.19	.14
88/12/04	10:30	12/04	17:49	36-27.9S	109-59.3	0	327.7	15.2	-3.0	12.61	16.03	35.64	6.18	.14
88/12/04	10:35	12/04	17:54	36-29.1S	109-59.3	0	327.7	15.1	-3.0	12.46	16.11	35.68	6.18	.13
88/12/04	10:40	12/04	17:59	36-30.2S	109-59.3	0	327.7	15.1	-3.0	12.53	16.19	35.72	6.19	.13
88/12/04	10:45	12/04	18:04	36-31.3S	109-59.3	0	327.7	15.2	-3.0	12.53	16.27	35.76	6.17	.13
88/12/04	10:50	12/04	18:09	36-32.5S	109-59.3	0	327.7	15.1	-3.0	12.53	16.27	35.76	6.13	.13
88/12/04	10:55	12/04	18:14	36-33.6S	109-59.3	0	327.7	14.9	-3.0	12.68	15.95	35.60	6.19	.16



GR		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]
88/12/04	11:00	12/04	18:19	36-34.2S	109-58.9	0	327.7	14.9	-3.0	12.61	15.62	35.66	6.12	.13
88/12/04	11:05	12/04	18:24	36-35.3S	109-58.9	0	327.7	14.9	-3.0	12.53	15.54	35.62	6.13	.13
88/12/04	11:10	12/04	18:29	36-36.4S	109-58.9	0	327.7	14.8	-3.0	12.61	15.54	35.62	6.13	.13
88/12/04	11:15	12/04	18:34	36-37.6S	109-58.9	0	327.7	14.7	-3.0	12.61	15.54	35.62	6.16	.13
88/12/04	11:20	12/04	18:39	36-38.7S	109-58.9	0	327.7	14.7	-3.0	12.61	15.46	35.57	6.16	.13
88/12/04	11:25	12/04	18:44	36-39.8S	109-58.9	0	327.7	14.7	-3.0	12.61	15.46	35.57	8.17	.13
88/12/04	11:30	12/04	18:49	36-40.9S	109-58.9	0	327.7	14.7	-3.0	12.61	15.46	35.57	8.18	.13
88/12/04	11:35	12/04	18:54	36-42.1S	109-58.9	0	327.7	14.7	-3.0	12.61	15.46	35.57	6.17	.13
88/12/04	11:40	12/04	18:59	36-43.2S	109-58.9	0	327.7	14.6	-3.0	12.61	15.38	35.55	8.16	.13
88/12/04	11:45	12/04	19:04	36-44.4S	109-58.9	0	327.7	14.5	-3.0	12.81	15.46	35.57	6.16	.13
88/12/04	11:50	12/04	19:09	36-45.5S	109-58.9	0	327.7	14.4	-3.0	12.61	15.46	35.57	6.15	.13
88/12/04	11:55	12/04	19:14	36-46.7S	109-58.9	0	327.7	14.3	-3.0	12.81	15.38	35.53	6.14	.13
88/12/04	12:00	12/04	19:19	36-47.9S	109-58.9	0	327.7	14.2	-3.0	12.53	15.38	35.53	6.15	.13
88/12/04	12:05	12/04	19:24	36-49.0S	109-58.9	0	327.7	14.2	-3.0	12.61	15.38	35.55	6.16	.13
88/12/04	12:10	12/04	19:29	36-50.2S	109-58.9	0	327.7	14.2	-3.0	12.61	15.38	35.53	6.17	.13
88/12/04	12:15	12/04	19:34	36-51.4S	109-58.9	0	327.7	14.3	-3.0	12.53	15.38	35.53	6.20	.14
88/12/04	12:20	12/04	19:39	36-52.6S	109-58.9	0	327.7	14.3	-3.0	12.61	15.30	35.61	6.24	.16
88/12/04	12:25	12/04	19:44	36-53.7S	109-58.9	0	327.7	14.3	-3.0	12.61	15.30	35.48	6.30	.17
88/12/04	12:30	12/04	19:49	36-54.9S	109-58.9	0	327.7	14.3	-3.0	12.61	15.22	35.55	6.30	.18
88/12/04	12:35	12/04	19:54	36-56.0S	109-58.9	0	327.7	14.3	-3.0	12.61	15.22	35.55	6.30	.18
88/12/04	12:40	12/04	19:59	36-57.2S	109-59.0	0	327.7	14.3	-3.0	12.68	15.22	35.55	6.32	.17
88/12/04	12:45	12/04	20:04	36-58.4S	109-59.0	0	327.7	14.3	-3.0	12.68	15.30	35.61	6.29	.16
88/12/04	12:50	12/04	20:09	36-59.6S	109-59.0	0	327.7	14.1	-3.0	12.68	15.38	35.53	6.31	.16
88/12/04	12:55	12/04	20:14	37-00.7S	109-59.0	0	327.7	14.0	-3.0	12.68	15.38	35.53	6.28	.16
88/12/04	13:00	12/04	20:19	37-01.9S	109-59.0	0	327.7	14.0	-3.0	12.68	15.38	35.53	6.28	.16
88/12/04	13:05	12/04	20:24	37-03.1S	109-59.0	0	327.7	13.9	-3.0	12.76	15.38	35.65	6.25	.14
88/12/04	13:10	12/04	20:29	37-04.3S	109-59.0	0	327.7	13.9	-3.0	12.76	15.38	35.65	6.23	.14
88/12/04	13:15	12/04	20:34	37-05.4S	109-59.0	0	327.7	13.9	-3.0	12.76	15.38	35.65	6.20	.14
88/12/04	13:20	12/04	20:39	37-06.6S	109-59.0	0	327.7	13.9	-3.0	12.83	15.38	35.65	6.22	.14
88/12/04	13:25	12/04	20:44	37-07.7S	109-59.0	0	327.7	13.9	-3.0	12.83	15.38	35.53	6.21	.14
88/12/04	13:30	12/04	20:49	37-08.9S	109-59.0	0	327.7	13.9	-3.0	12.83	15.38	35.53	6.20	.14
88/12/04	13:35	12/04	20:54	37-10.1S	109-59.0	0	327.7	13.9	-3.0	12.83	15.38	35.65	6.20	.14
88/12/04	13:40	12/04	20:59	37-11.3S	109-59.0	0	327.7	13.9	-3.0	12.83	15.46	35.57	6.21	.14
88/12/04	13:45	12/04	21:04	37-12.5S	109-59.1	0	327.7	13.8	-3.0	12.91	15.46	35.57	6.20	.14
88/12/04	13:50	12/04	21:09	37-13.7S	109-59.1	0	327.7	13.7	-3.0	12.91	15.38	35.53	6.23	.15
88/12/04	13:55	12/04	21:14	37-14.8S	109-59.1	0	327.7	13.6	-3.0	12.98	15.06	35.36	6.23	.17
88/12/04	14:00	12/04	21:19	37-16.3S	109-59.3	0	327.7	13.6	-3.0	12.91	14.40	35.24	6.20	.17
88/12/04	14:05	12/04	21:24	37-17.5S	109-59.3	0	327.7	13.6	-3.0	12.91	14.24	35.15	6.23	.18
88/12/04	14:10	12/04	21:29	37-18.6S	109-59.3	0	327.7	13.6	-3.0	13.13	14.16	35.22	6.26	.17
88/12/04	14:15	12/04	21:34	37-19.8S	109-59.5	0	327.7	13.6	-3.0	13.28	14.16	35.11	6.27	.17
88/12/04	14:20	12/04	21:39	37-21.1S	109-59.5	0	327.7	13.6	-3.0	13.36	14.16	35.11	6.30	.17
88/12/04	14:25	12/04	21:44	37-22.3S	109-59.5	0	327.7	13.6	-3.0	13.28	14.32	35.31	6.35	.17
88/12/04	14:30	12/04	21:49	37-23.5S	109-59.5	0	327.7	13.6	-3.0	13.36	14.48	35.28	6.39	.17
88/12/04	14:35	12/04	21:54	37-24.6S	109-59.5	0	327.7	13.5	-3.0	12.98	14.48	35.40	8.39	.17
88/12/04	14:40	12/04	21:59	37-25.7S	109-59.5	0	327.7	13.5	-3.0	12.83	14.65	35.37	6.41	.18
88/12/04	14:45	12/04	22:04	37-27.0S	109-59.4	0	327.7	13.5	-3.0	12.76	14.73	35.41	6.44	.19
88/12/04	14:50	12/04	22:09	37-28.2S	109-59.4	0	327.7	13.5	-3.0	12.68	14.81	35.46	6.46	.19
88/12/04	14:55	12/04	22:14	37-29.4S	109-59.5	0	327.7	13.5	-3.0	12.68	14.81	35.46	6.46	.20
88/12/04	15:00	12/04	22:19	37-30.5S	109-59.5	0	327.7	13.5	-3.0	12.83	14.81	35.46	6.45	.20
88/12/04	15:05	12/04	22:24	37-31.7S	109-59.5	0	327.7	13.8	-3.0	12.83	14.81	35.46	6.41	.20
88/12/04	15:10	12/04	22:29	37-32.9S	109-59.5	0	327.7	13.5	-3.0	12.83	14.81	35.46	6.40	.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]
88/12/04	15:15	12/04	22:34	37-34.1S	109-59.5	0	327.7	13.5	-3.0	12.91	14.81	35.46	6.39	.19
88/12/04	15:20	12/04	22:39	37-35.2S	109-59.5	0	327.7	13.5	-3.0	12.98	14.81	35.34	6.40	.19
88/12/04	15:25	12/04	22:44	37-36.4S	109-59.5	0	327.7	13.5	-3.0	12.83	14.73	35.30	6.37	.18
88/12/04	15:30	12/04	22:49	37-37.6S	109-59.5	0	327.7	13.5	-3.0	13.13	14.65	35.26	6.42	.18
88/12/04	15:35	12/04	22:54	37-38.7S	109-59.6	0	327.7	13.5	-3.0	13.36	14.48	35.17	6.41	.18
88/12/04	15:40	12/04	22:59	37-39.8S	109-59.6	0	327.7	13.5	-3.0	13.36	14.32	35.20	6.40	.18
88/12/04	15:45	12/04	23:04	37-41.3S	109-59.5	0	327.7	13.4	-3.0	13.36	14.24	35.15	6.42	.18
88/12/04	15:50	12/04	23:09	37-42.5S	109-59.5	0	327.7	13.3	-3.0	13.36	14.16	35.11	6.42	.18
88/12/04	15:55	12/04	23:14	37-43.6S	109-59.5	0	327.7	13.3	-3.0	13.06	14.08	35.18	6.42	.18
88/12/04	16:00	12/04	23:19	37-44.8S	109-59.5	0	327.7	13.3	-3.0	12.98	14.24	35.27	6.46	.19
88/12/04	16:05	12/04	23:25	37-46.0S	110-00.0	0	327.7	13.3	-3.0	12.98	14.48	35.28	6.48	.19
88/12/04	16:10	12/04	23:30	37-47.2S	110-00.0	0	327.7	13.3	-3.0	12.98	14.81	35.34	6.51	.19
88/12/04	16:15	12/04	23:35	37-48.4S	110-00.1	0	327.7	13.3	-3.0	12.98	14.98	35.43	6.54	.19
88/12/04	16:20	12/04	23:40	37-49.4S	110-00.1	0	327.7	13.3	-3.0	12.98	15.14	35.40	6.51	.19
88/12/04	16:25	12/04	23:45	37-50.6S	110-00.1	0	327.7	13.2	-3.0	13.06	15.14	35.51	6.49	.19
88/12/04	16:30	12/04	23:50	37-51.7S	110-00.1	0	327.7	13.2	-3.0	13.06	15.06	35.47	6.48	.19
88/12/04	16:35	12/04	23:55	37-52.9S	110-00.2	0	327.7	13.2	-3.0	13.06	14.98	35.43	6.47	.19
88/12/04	16:40	12/05	00:00	37-54.1S	110-00.2	0	327.7	13.2	-3.0	13.06	14.98	35.43	6.47	.19
88/12/04	16:45	12/05	00:05	37-55.3S	110-00.2	0	327.7	13.2	-3.0	13.06	14.98	35.43	6.49	.19
88/12/04	16:50	12/05	00:10	37-56.3S	110-00.2	0	327.7	13.1	-3.0	13.06	14.90	35.50	6.48	.20
88/12/04	16:55	12/05	00:15	37-57.5S	110-00.2	0	327.7	13.1	-3.0	13.06	14.81	35.34	6.45	.19
88/12/04	17:00	12/05	00:20	37-58.7S	110-00.2	0	327.7	13.1	-3.0	13.06	14.57	35.33	6.44	.20
88/12/04	17:05	12/05	00:25	37-59.9S	110-00.3	0	327.7	13.0	-3.0	13.06	14.40	35.36	6.46	.20
88/12/04	17:10	12/05	00:30	38-01.0S	110-00.3	0	327.7	13.0	-3.0	13.06	14.40	35.36	6.48	.21
88/12/04	17:15	12/05	00:35	38-02.2S	110-00.4	0	327.7	13.0	-3.0	13.13	14.40	35.36	6.53	.21
88/12/04	17:20	12/05	00:40	38-03.4S	110-00.4	8000	13.0	-3.0	13.6	13.21	14.48	35.28	6.53	.21
88/12/04	17:25	12/05	00:44	38-05.5S	109-59.8	8000	13.0	-3.0	12.8	13.13	14.57	35.33	6.53	.20
88/12/04	17:30	12/05	00:49	38-06.6S	109-59.8	0	13.0	-3.0	13.2	13.13	14.57	35.44	6.56	.20
88/12/04	17:35	12/05	00:54	38-07.7S	109-59.8	4506	13.0	-3.0	13.5	13.13	14.65	35.37	6.54	.20
88/12/04	17:40	12/05	00:59	38-08.9S	109-59.8	4513	13.0	-3.0	13.6	13.13	14.65	35.48	6.54	.20
88/12/04	17:45	12/05	01:04	38-10.1S	109-59.8	4513	13.0	-3.0	13.8	13.21	14.81	35.46	6.50	.18
88/12/04	17:50	12/05	01:09	38-11.2S	109-59.8	4513	13.0	-3.0	13.6	13.06	14.98	35.54	6.49	.17
88/12/04	17:55	12/05	01:14	38-12.4S	109-59.5	4513	12.9	-3.0	14.2	13.06	15.06	35.47	6.47	.17
88/12/04	18:00	12/05	01:19	38-13.6S	109-59.5	4513	13.0	-3.0	12.5	13.06	15.06	35.47	6.47	.17
88/12/04	18:05	12/05	01:24	38-14.7S	109-59.5	4513	13.1	-3.0	13.7	13.06	15.06	35.47	6.44	.17
88/12/04	18:10	12/05	01:29	38-15.9S	109-59.5	4513	13.0	-3.0	13.4	12.98	15.06	35.47	6.47	.17
88/12/04	18:15	12/05	01:34	38-17.0S	109-59.5	4513	13.0	-3.0	13.2	12.91	15.06	35.47	6.49	.18
88/12/04	18:20	12/05	01:39	38-18.2S	109-59.5	4513	13.1	-3.0	14.0	12.91	14.98	35.54	6.48	.19
88/12/04	18:25	12/05	01:44	38-19.4S	109-59.5	4513	13.1	-3.0	14.0	12.91	14.90	35.50	6.45	.19
88/12/04	18:30	12/05	01:49	38-20.7S	109-59.5	10	13.1	-3.0	13.5	12.98	14.81	35.46	6.47	.20
88/12/04	18:35	12/05	01:54	38-21.8S	109-59.5	10	13.1	-3.0	13.8	12.98	14.81	35.57	6.48	.20
88/12/04	18:40	12/05	01:59	38-23.0S	109-59.5	10	13.1	-3.0	13.9	12.98	14.81	35.46	6.49	.20
88/12/04	18:45	12/05	02:04	38-24.2S	109-59.5	10	13.1	-3.0	13.7	13.06	14.48	35.40	6.44	.19
88/12/04	18:50	12/05	02:09	38-25.4S	109-59.5	10	13.1	-3.0	14.1	12.98	14.32	35.31	6.46	.19
88/12/04	18:55	12/05	02:14	38-26.6S	109-59.5	10	13.1	-3.0	14.0	12.91	14.24	35.27	6.46	.19
88/12/04	19:00	12/05	02:19	38-27.6S	109-59.5	10	13.0	-3.0	13.4	12.98	14.08	35.30	6.45	.19
88/12/04	19:05	12/05	02:24	38-29.0S	109-59.5	10	13.0	-3.0	14.3	12.98	14.08	35.18	6.46	.19
88/12/04	19:10	12/05	02:29	38-30.2S	109-59.4	10	13.0	-3.0	13.8	12.98	14.16	35.22	6.51	.20
88/12/04	19:15	12/05	02:34	38-31.4S	109-59.4	10	13.0	-3.0	13.6	12.98	14.16	35.22	6.50	.19
88/12/04	19:20	12/05	02:39	38-32.6S	109-59.4	10	13.0	-3.0	13.8	12.98	14.08	35.18	6.51	.19
88/12/04	19:25	12/05	02:44	38-33.6S	109-59.4	10	13.0	-3.0	13.3	12.98	14.00	35.25	6.51	.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]
88/12/04	19:30	12/05	02:49	38-35.0S	109-59.4	10	13.0	-3.0	13.4	12.91	14.00	35.25	8.51	.19
88/12/04	19:35	12/05	02:54	38-36.1S	109-59.4	10	13.0	-3.0	12.9	12.98	14.00	35.25	8.51	.19
88/12/04	19:40	12/05	02:59	38-37.3S	109-59.4	10	13.0	-3.0	13.9	12.98	14.08	35.18	8.53	.19
88/12/04	19:45	12/05	03:04	38-38.5S	109-59.4	10	13.0	-3.0	13.9	12.98	14.24	35.27	8.56	.18
88/12/04	19:50	12/05	03:09	38-39.7S	109-59.4	10	13.0	-3.0	13.1	12.98	14.16	35.11	8.53	.18
88/12/04	19:55	12/05	03:14	38-40.9S	109-59.4	10	13.0	-3.0	14.0	12.98	13.92	35.09	8.48	.18
88/12/04	20:00	12/05	03:19	38-42.1S	109-59.4	10	13.0	-3.0	12.5	12.98	13.67	35.07	8.49	.18
88/12/04	20:05	12/05	03:24	38-43.3S	109-59.4	10	13.0	-3.0	13.5	12.98	13.43	35.05	8.49	.19
88/12/04	20:10	12/05	03:29	38-44.5S	109-59.3	10	13.0	-3.0	13.6	13.06	13.67	35.19	8.59	.19
88/12/04	20:15	12/05	03:34	38-45.7S	109-59.3	10	13.0	-3.0	13.8	12.98	13.67	35.19	8.61	.20
88/12/04	20:20	12/05	03:39	38-46.9S	109-59.3	10	13.0	-3.0	14.0	12.98	13.67	35.19	8.57	.20
88/12/04	20:25	12/05	03:44	38-48.0S	109-59.3	10	13.0	-3.0	12.2	12.98	13.67	35.19	8.56	.19
88/12/04	20:30	12/05	03:49	38-49.2S	109-59.3	10	13.0	-3.0	13.9	12.98	13.67	35.19	8.58	.19
88/12/04	20:35	12/05	03:54	38-50.4S	109-59.3	10	12.9	-3.0	13.9	12.98	13.67	35.07	8.58	.18
88/12/04	20:40	12/05	03:59	38-51.6S	109-59.3	10	12.9	-3.0	13.9	13.06	13.61	35.10	8.56	.18
88/12/04	20:45	12/05	04:04	38-52.8S	109-59.3	10	12.9	-3.0	13.9	13.06	13.35	35.00	8.51	.18
88/12/04	20:50	12/05	04:09	38-54.0S	109-59.3	10	12.9	-3.0	14.1	13.06	13.27	34.95	8.53	.17
88/12/04	20:55	12/05	04:14	38-55.2S	109-59.2	10	12.9	-3.0	14.3	13.06	13.19	34.91	8.53	.17
88/12/04	21:00	12/05	04:19	38-56.4S	109-59.2	10	12.9	-3.0	14.0	13.06	13.11	34.86	8.53	.17
88/12/04	21:05	12/05	04:25	38-57.6S	110-00.2	10	12.9	-3.0	13.3	13.06	13.03	34.82	8.53	.17
88/12/04	21:10	12/05	04:30	38-58.8S	110-00.2	10	12.9	-3.0	14.4	13.06	12.95	34.89	8.54	.18
88/12/04	21:15	12/05	04:35	39-00.0S	110-00.2	10	12.8	-3.0	14.0	12.98	12.87	34.84	8.57	.18
88/12/04	21:20	12/05	04:40	39-01.1S	110-00.2	10	12.8	-3.0	14.0	13.06	12.79	34.91	8.56	.18
88/12/04	21:25	12/05	04:45	39-02.3S	110-00.2	10	12.8	-3.0	13.2	12.98	12.79	34.91	8.54	.17
88/12/04	21:30	12/05	04:50	39-03.5S	110-00.2	10	12.8	-3.0	14.1	13.06	12.79	34.91	8.56	.18
88/12/04	21:35	12/05	04:55	39-04.7S	110-00.2	10	12.9	-3.0	13.8	12.98	12.79	34.80	8.57	.18
88/12/04	21:40	12/05	05:00	39-05.9S	110-00.2	10	12.8	-3.0	14.0	13.13	12.79	34.80	8.56	.18
88/12/04	21:45	12/05	05:05	39-07.1S	110-00.3	10	12.9	-3.0	13.9	12.98	12.79	34.91	8.58	.18
88/12/04	21:50	12/05	05:10	39-08.2S	110-00.3	10	12.9	-3.0	14.3	12.98	12.79	34.91	8.60	.18
88/12/04	21:55	12/05	05:15	39-09.4S	110-00.3	10	12.9	-3.0	14.1	13.06	12.79	34.91	8.53	.18
88/12/04	22:00	12/05	05:20	39-10.6S	110-00.3	10	12.9	-3.0	13.8	12.98	12.79	34.91	8.53	.18
88/12/04	22:05	12/05	05:25	39-11.8S	110-00.3	10	12.9	-3.0	14.2	12.98	12.79	34.91	8.54	.17
88/12/04	22:10	12/05	05:30	39-13.0S	110-00.3	10	12.9	-3.0	13.9	12.98	12.79	34.91	8.54	.17
88/12/04	22:15	12/05	05:35	39-14.0S	110-00.4	10	13.0	-3.0	14.3	13.13	12.79	34.91	8.55	.17
88/12/04	22:20	12/05	05:40	39-15.2S	110-00.4	10	13.0	-3.0	13.7	13.13	12.87	34.84	8.55	.18
88/12/04	22:25	12/05	05:45	39-16.3S	110-00.4	10	12.9	-3.0	14.3	13.06	12.87	34.84	8.55	.18
88/12/04	22:30	12/05	05:50	39-17.5S	110-00.4	10	12.8	-3.0	13.0	13.06	12.79	34.91	8.55	.18
88/12/04	22:35	12/05	05:55	39-18.7S	110-00.4	10	12.7	-3.0	14.4	13.13	12.79	34.91	8.55	.17
88/12/04	22:40	12/05	06:00	39-19.7S	110-00.3	0	12.6	-3.0	14.4	13.06	12.79	34.91	8.54	.17
88/12/04	22:45	12/05	06:05	39-20.9S	110-00.3	4460	12.6	-3.0	13.8	13.06	12.70	34.87	8.53	.18
88/12/04	22:50	12/05	06:10	39-22.3S	110-00.3	4506	12.6	-3.0	14.4	12.98	12.62	34.94	8.54	.17
88/12/04	22:55	12/05	06:15	39-23.5S	110-00.2	4493	12.6	-3.0	13.9	13.06	12.70	34.87	8.55	.17
88/12/04	23:00	12/05	06:20	39-24.7S	110-00.2	4474	12.6	-3.0	14.0	12.98	12.70	34.87	8.55	.17
88/12/04	23:05	12/05	06:25	39-25.8S	110-00.2	4555	12.6	-3.0	13.9	12.98	12.62	34.94	8.54	.18
88/12/04	23:10	12/05	06:30	39-26.8S	110-00.1	4527	12.7	-3.0	14.2	12.98	12.62	34.94	8.53	.18
88/12/04	23:15	12/05	06:35	39-28.2S	110-00.1	4705	12.7	-3.0	14.0	12.91	12.62	34.82	8.54	.18
88/12/04	23:20	12/05	06:40	39-29.2S	110-00.1	4513	12.6	-3.0	14.5	12.98	12.54	34.89	8.55	.17
88/12/04	23:25	12/05	06:45	39-30.4S	110-00.1	4598	12.6	-3.0	14.4	12.98	12.54	34.89	8.55	.17
88/12/04	23:30	12/05	06:50	39-31.9S	110-00.0	0	12.7	-3.0	14.4	12.98	12.54	34.77	8.57	.17
88/12/04	23:35	12/05	06:55	39-33.1S	110-00.0	4565	12.6	-3.0	14.5	12.98	12.54	34.89	8.57	.17
88/12/04	23:40	12/05	06:59	39-34.0S	109-59.9	4560	12.6	-3.0	14.3	12.98	12.62	34.82	8.59	.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]
88/12/04	23:45	12/05	07:04	39-35.2S	109-59.9	4397	12.7	-3.0	14.2	11.70	12.70	34.87	6.63	.18
88/12/04	23:50	12/05	07:09	39-36.4S	109-59.9	4520	12.7	-3.0	14.2	10.88	12.87	34.96	6.65	.17
88/12/04	23:55	12/05	07:14	39-37.6S	109-59.9	4576	12.7	-3.0	14.2	10.95	12.87	34.96	6.63	.18
88/12/05	00:00	12/05	07:19	39-38.8S	109-59.9	4572	12.7	-3.0	14.2	11.03	12.79	34.91	6.60	.17
88/12/05	00:05	12/05	07:24	39-40.2S	109-59.9	4180	12.7	-3.0	13.2	11.55	12.70	34.87	6.63	.17
88/12/05	00:10	12/05	07:29	39-41.2S	109-59.9	4051	12.7	-3.0	14.2	12.08	12.70	34.87	6.63	.17
88/12/05	00:15	12/05	07:34	39-42.4S	109-59.9	3921	12.6	-3.0	13.9	12.16	12.62	34.94	6.63	.17
88/12/05	00:20	12/05	07:40	39-43.5S	110-00.0	4212	12.5	-3.0	13.7	12.31	12.62	34.94	6.84	.16
88/12/05	00:25	12/05	07:44	39-44.7S	109-59.9	4491	12.5	-3.0	14.2	12.38	12.62	34.94	8.84	.18
88/12/05	00:30	12/05	07:49	39-45.9S	109-59.9	4639	12.5	-3.0	14.0	12.46	12.62	34.94	6.84	.17
88/12/05	00:35	12/05	07:54	39-47.3S	109-59.9	4300	12.5	-3.0	13.9	12.08	12.70	34.87	6.52	.16
88/12/05	00:40	12/05	07:59	39-48.5S	109-59.9	4650	12.5	-3.0	14.7	9.75	12.79	34.80	6.55	.16
88/12/05	00:45	12/05	08:04	39-49.7S	109-59.9	4628	12.4	-3.0	13.8	10.50	12.70	34.87	6.56	.16
88/12/05	00:50	12/05	08:09	39-50.9S	109-59.9	4793	12.5	-3.0	14.5	10.73	12.62	34.82	6.56	.16
88/12/05	00:55	12/05	08:15	39-51.5S	110-00.1	4631	12.5	-3.0	13.7	10.88	12.62	34.82	6.56	.16
88/12/05	01:00	12/05	08:20	39-52.7S	110-00.1	4772	12.5	-3.0	14.3	10.88	12.70	34.87	6.57	.16
88/12/05	01:05	12/05	08:25	39-53.9S	110-00.1	4599	12.5	-3.0	14.0	10.88	12.62	34.82	6.59	.16
88/12/05	01:10	12/05	08:30	39-54.8S	110-00.1	4542	12.5	-3.0	14.1	11.70	12.62	34.94	6.63	.16
88/12/05	01:15	12/05	08:35	39-56.0S	110-00.1	4619	12.5	-3.0	14.2	11.78	12.62	34.94	6.61	.16
88/12/05	01:20	12/05	08:40	39-57.2S	110-00.1	0	12.5	-3.0	14.5	11.78	12.54	34.89	6.63	.17
88/12/05	01:25	12/05	08:45	39-58.4S	110-00.1	4393	12.5	-3.0	14.4	11.78	12.46	34.85	6.63	.16
88/12/05	01:30	12/05	08:50	39-59.5S	110-00.1	4649	12.6	-3.0	14.0	11.78	12.46	34.85	6.63	.16
88/12/05	01:35	12/05	08:55	40-00.7S	110-00.1	4633	12.5	-3.0	14.3	11.78	12.46	34.85	6.64	.16
88/12/05	01:40	12/05	09:00	40-01.9S	110-00.1	4567	12.3	-3.0	14.6	11.78	12.46	34.85	6.65	.16
88/12/05	01:45	12/05	09:05	40-03.3S	110-00.1	4519	12.2	-3.0	14.3	11.78	12.46	34.85	6.65	.16
88/12/05	01:50	12/05	09:10	40-04.5S	110-00.1	4676	12.1	-3.0	14.6	11.85	12.46	34.85	6.64	.16
88/12/05	01:55	12/05	09:15	40-05.6S	110-00.1	4642	12.1	-3.0	14.1	11.85	12.46	34.85	6.63	.16
88/12/05	02:00	12/05	09:20	40-06.6S	110-00.1	4638	12.1	-3.0	14.1	11.78	12.54	34.89	6.65	.16
88/12/05	02:05	12/05	09:25	40-08.0S	110-00.4	4623	12.1	-3.0	13.9	11.85	12.70	34.99	6.63	.16
88/12/05	02:10	12/05	09:30	40-09.2S	110-00.4	4681	12.1	-3.0	14.1	11.85	12.95	34.89	6.69	.16
88/12/05	02:15	12/05	09:35	40-10.4S	110-00.5	4621	12.1	-3.0	14.4	11.85	12.95	34.89	6.68	.16
88/12/05	02:20	12/05	09:40	40-11.6S	110-00.5	4571	12.2	-3.0	14.3	11.85	12.95	35.01	6.67	.16
88/12/05	02:25	12/05	09:45	40-12.8S	110-00.5	4595	12.2	-3.0	14.5	11.85	12.95	35.01	6.63	.16
88/12/05	02:30	12/05	09:50	40-14.1S	110-00.4	4454	12.2	-3.0	13.6	11.70	13.03	34.93	6.64	.16
88/12/05	02:35	12/05	09:55	40-15.2S	110-00.4	4707	12.2	-3.0	14.4	11.70	12.87	34.84	6.61	.16
88/12/05	02:40	12/05	10:00	40-16.4S	110-00.4	4548	12.2	-3.0	13.5	11.70	12.70	34.87	6.56	.16
88/12/05	02:45	12/05	10:05	40-17.6S	110-00.4	4500	12.2	-3.0	14.6	11.70	12.62	34.82	6.54	.16
88/12/05	02:50	12/05	10:10	40-18.8S	110-00.4	4569	12.3	-3.0	14.4	11.70	12.54	34.89	6.57	.16
88/12/05	02:55	12/05	10:15	40-20.0S	110-00.5	4523	12.4	-3.0	14.4	11.78	12.54	34.89	6.58	.16
88/12/05	03:00	12/05	10:20	40-21.2S	110-00.5	4498	12.3	-3.0	14.4	11.78	12.54	34.89	6.56	.16
88/12/05	03:05	12/05	10:25	40-22.5S	110-00.5	4489	12.3	-3.0	14.7	11.78	12.54	34.89	6.55	.16
88/12/05	03:10	12/05	10:30	40-23.7S	110-00.6	4181	12.2	-3.0	14.2	11.78	12.54	34.89	6.56	.17
88/12/05	03:15	12/05	10:35	40-24.9S	110-00.6	4100	12.2	-3.0	14.6	11.78	12.54	34.89	6.53	.16
88/12/05	03:20	12/05	10:40	40-26.0S	110-00.6	0	12.2	-3.0	14.1	11.78	12.62	34.82	6.54	.16
88/12/05	03:25	12/05	10:45	40-27.2S	110-00.7	4573	12.2	-3.0	14.7	11.70	12.62	34.94	6.56	.17
88/12/05	03:30	12/05	10:50	40-28.4S	110-00.7	4591	12.1	-3.0	14.3	11.78	12.62	34.82	6.52	.16
88/12/05	03:35	12/05	10:55	40-29.6S	110-00.7	4558	12.1	-3.0	14.4	11.78	12.62	34.82	6.55	.16
88/12/05	03:40	12/05	11:00	40-30.8S	110-00.7	4522	12.0	-3.0	14.0	11.78	12.62	34.82	6.51	.16
88/12/05	03:45	12/05	11:05	40-32.1S	110-00.7	4553	12.0	-3.0	14.6	11.78	12.54	34.89	6.53	.16
88/12/05	03:50	12/05	11:10	40-33.1S	110-00.5	4468	12.0	-3.0	14.5	11.78	12.54	34.89	6.53	.16
88/12/05	03:55	12/05	11:15	40-34.4S	110-00.5	4247	12.0	-3.0	14.5	11.78	12.54	34.89	6.53	.16

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]
88/12/05	04:00	12/05	11:20	40-35.5S	110-00.5	4487	12.0	-3.0	14.7	11.78	12.54	34.89	6.52	.16
88/12/05	04:05	12/05	11:25	40-36.7S	110-00.5	4415	12.0	-3.0	14.4	11.78	12.54	34.89	6.50	.17
88/12/05	04:10	12/05	11:30	40-37.9S	110-00.5	4503	12.0	-3.0	14.6	11.78	12.54	34.89	6.51	.17
88/12/05	04:15	12/05	11:35	40-39.1S	110-00.5	4504	12.0	-3.0	14.0	11.78	12.54	34.89	6.50	.17
88/12/05	04:20	12/05	11:40	40-40.3S	110-00.5	0	12.0	-3.0	14.3	11.78	12.46	34.97	6.50	.17
88/12/05	04:25	12/05	11:45	40-41.5S	110-00.5	4572	12.0	-3.0	14.8	11.78	12.46	34.85	6.47	.17
88/12/05	04:30	12/05	11:50	40-42.7S	110-00.5	3913	12.0	-3.0	14.7	11.78	12.46	34.85	6.47	.17
88/12/05	04:35	12/05	11:55	40-43.9S	110-00.5	4512	12.0	-3.0	14.1	11.78	12.46	34.85	6.47	.17
88/12/05	04:40	12/05	12:00	40-45.1S	110-00.5	4527	12.1	-3.0	14.6	11.78	12.54	34.89	6.49	.17
88/12/05	04:45	12/05	12:05	40-46.3S	110-00.5	0	12.1	-3.0	14.4	11.78	12.54	34.89	6.47	.17
88/12/05	04:50	12/05	12:10	40-47.5S	110-00.6	4544	12.1	-3.0	14.3	11.78	12.54	34.89	6.47	.17
88/12/05	04:55	12/05	12:15	40-48.0S	110-00.5	4537	12.3	-3.0	.6	11.78	12.62	34.82	6.47	.17
88/12/05	05:00	12/05	12:20	40-48.0S	110-00.5	4533	12.4	-3.0	0.0	11.78	12.38	34.92	6.45	.18
88/12/05	05:05	12/05	12:25	40-48.0S	110-00.5	4531	12.4	-3.0	.2	11.78	12.38	34.80	6.43	.17
88/12/05	05:10	12/05	12:30	40-48.0S	110-00.5	4537	12.4	-3.0	.3	11.78	12.29	34.87	6.44	.17
88/12/05	05:15	12/05	12:35	40-47.9S	110-00.5	4571	12.5	-3.0	.3	11.78	12.38	34.92	6.47	.17
88/12/05	05:20	12/05	12:40	40-47.9S	110-00.5	4535	12.6	-3.0	.4	11.78	12.62	34.82	6.52	.17
88/12/05	05:25	12/05	12:45	40-47.9S	110-00.5	4551	12.5	-3.0	.4	11.78	12.70	34.87	6.53	.17
88/12/05	05:30	12/05	12:50	40-47.9S	110-00.4	4544	12.5	-3.0	.4	11.78	12.70	34.87	6.52	.17
88/12/05	05:35	12/05	12:55	40-47.8S	110-00.4	4530	12.5	-3.0	.4	11.85	12.70	34.87	6.50	.17
88/12/05	05:40	12/05	13:00	40-47.2S	110-00.8	4513	12.5	-3.0	.4	11.78	12.70	34.87	6.49	.16
88/12/05	05:45	12/05	13:05	40-47.2S	110-00.8	4507	12.5	-3.0	.4	11.78	12.62	34.94	6.48	.17
88/12/05	05:50	12/05	13:10	40-47.1S	110-00.8	4505	12.5	-3.0	.4	11.85	12.70	34.87	6.51	.17
88/12/05	05:55	12/05	13:15	40-47.0S	110-00.8	4507	12.5	-3.0	.5	11.85	12.70	34.87	6.51	.17
88/12/05	06:00	12/05	13:20	40-47.0S	110-00.8	4514	12.5	-3.0	.4	11.85	12.70	34.87	6.51	.17
88/12/05	06:05	12/05	13:25	40-46.9S	110-00.8	4476	12.6	-3.0	.3	11.85	12.70	34.87	6.53	.17
88/12/05	06:10	12/05	13:30	40-46.5S	110-00.1	4465	12.6	-3.0	.3	11.85	12.79	34.91	6.53	.17
88/12/05	06:15	12/05	13:35	40-46.4S	110-00.0	4462	12.6	-3.0	.3	11.85	12.79	34.80	6.51	.17
88/12/05	06:20	12/05	13:39	40-46.4S	109-59.9	4464	12.6	-3.0	.3	11.85	12.79	34.80	6.52	.17
88/12/05	06:25	12/05	13:44	40-46.3S	109-59.9	4476	12.6	-3.0	.3	11.85	12.79	34.91	6.55	.17
88/12/05	06:30	12/05	13:49	40-46.3S	109-59.9	4172	12.5	-3.0	.3	11.85	12.79	34.91	6.53	.17
88/12/05	06:35	12/05	13:54	40-46.2S	109-59.9	4563	12.6	-3.0	.4	11.63	12.79	34.91	6.49	.17
88/12/05	06:40	12/05	13:59	40-46.1S	109-59.8	4551	12.5	-3.0	.3	11.10	12.79	34.91	6.52	.17
88/12/05	06:45	12/05	14:04	40-46.1S	109-59.8	4520	12.5	-3.0	.2	11.48	12.79	34.91	6.51	.17
88/12/05	06:50	12/05	14:09	40-46.0S	109-59.8	4504	12.6	-3.0	.3	11.70	12.79	34.91	6.52	.17
88/12/05	06:55	12/05	14:14	40-46.0S	109-59.8	4456	12.6	-3.0	.3	11.70	12.79	34.91	6.49	.17
88/12/05	07:00	12/05	14:19	40-45.9S	109-59.7	4459	12.6	-3.0	.4	11.70	12.79	34.91	6.51	.17
88/12/05	07:05	12/05	14:24	40-45.8S	109-59.6	4597	12.7	-3.0	.4	11.70	12.79	34.91	6.52	.17
88/12/05	07:10	12/05	14:29	40-45.8S	109-59.6	4557	12.7	-3.0	.3	11.70	12.79	34.80	6.53	.17
88/12/05	07:15	12/05	14:34	40-45.7S	109-59.6	4548	12.7	-3.0	.3	11.70	12.79	34.80	6.55	.17
88/12/05	07:20	12/05	14:39	40-45.7S	109-59.6	4544	12.7	-3.0	.2	11.70	12.79	34.91	6.58	.17
88/12/05	07:25	12/05	14:44	40-45.6S	109-59.5	4537	12.6	-3.0	.3	11.70	12.79	34.91	6.59	.17
88/12/05	07:30	12/05	14:49	40-45.5S	109-59.5	4533	12.6	-3.0	.3	11.70	12.79	34.91	6.61	.17
88/12/05	07:35	12/05	14:54	40-45.5S	109-59.5	4475	12.6	-3.0	.4	11.70	12.79	34.91	6.63	.17
88/12/05	07:40	12/05	14:59	40-45.4S	109-59.4	4464	12.7	-3.0	.4	11.70	12.79	34.91	6.66	.17
88/12/05	07:45	12/05	15:04	40-45.4S	109-59.3	4480	12.7	-3.0	.4	11.70	12.79	34.91	6.68	.17
88/12/05	07:50	12/05	15:09	40-45.3S	109-59.3	4464	12.7	-3.0	.3	11.70	12.79	34.91	6.68	.17
88/12/05	07:55	12/05	15:14	40-45.2S	109-59.3	4507	12.7	-3.0	.4	11.70	12.79	34.91	6.71	.17
88/12/05	08:00	12/05	15:19	40-45.2S	109-59.3	4425	12.9	-3.0	.3	11.78	12.79	34.91	6.75	.17
88/12/05	08:05	12/05	15:24	40-45.1S	109-59.2	4502	12.9	-3.0	.3	11.85	12.79	34.80	6.75	.17
88/12/05	08:10	12/05	15:29	40-45.1S	109-59.2	4498	12.9	-3.0	.3	11.85	12.79	34.91	6.75	.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]
88/12/05	08:15	12/05	15:34	40-45.0S	109-59.2	4495	12.8	-3.0	.3	11.85	12.79	34.91	6.76	.17
88/12/05	08:20	12/05	15:39	40-43.5S	109-59.6	4488	12.8	-3.0	.3	11.85	12.79	34.91	6.73	.18
88/12/05	08:25	12/05	15:44	40-43.4S	109-59.5	4482	12.8	-3.0	.3	11.85	12.79	34.91	6.75	.18
88/12/05	08:30	12/05	15:49	40-43.3S	109-59.5	4506	12.8	-3.0	.3	11.85	12.79	34.91	6.72	.18
88/12/05	08:35	12/05	15:54	40-43.2S	109-59.5	4547	12.8	-3.0	.3	11.85	12.79	34.91	6.70	.18
88/12/05	08:40	12/05	15:59	40-43.1S	109-59.5	4469	12.8	-3.0	.3	11.85	12.87	34.84	6.73	.18
88/12/05	08:45	12/05	16:04	40-43.0S	109-59.5	4507	12.8	-3.0	.3	11.85	12.87	34.84	6.70	.18
88/12/05	08:50	12/05	16:09	40-42.8S	109-59.5	4510	12.9	-3.0	.3	11.85	12.79	34.91	6.68	.18
88/12/05	08:55	12/05	16:14	40-42.7S	109-59.4	4514	12.9	-3.0	1.5	11.78	12.79	34.91	6.66	.18
88/12/05	09:00	12/05	16:19	40-43.0S	109-59.0	4492	12.8	-3.0	9.3	11.85	12.79	34.91	6.65	.18
88/12/05	09:05	12/05	16:24	40-43.7S	109-59.0	4822	12.8	-3.0	10.7	11.78	12.79	34.80	6.68	.18
88/12/05	09:10	12/05	16:29	40-44.5S	109-59.0	4450	12.5	-3.0	11.1	11.85	12.79	34.91	6.65	.18
88/12/05	09:15	12/05	16:34	40-45.5S	109-59.0	4513	12.3	-3.0	14.0	11.85	12.87	34.84	6.67	.18
88/12/05	09:20	12/05	16:39	40-46.6S	109-59.0	4657	12.3	-3.0	14.3	11.85	12.79	34.91	6.61	.18
88/12/05	09:25	12/05	16:44	40-47.8S	109-59.1	4560	12.2	-3.0	14.3	12.08	12.87	34.84	6.67	.18
88/12/05	09:30	12/05	16:49	40-48.8S	109-59.1	4647	12.1	-3.0	14.7	12.23	12.79	34.91	6.63	.19
88/12/05	09:35	12/05	16:54	40-50.0S	109-59.1	4510	12.1	-3.0	14.5	12.16	12.79	34.80	6.60	.18
88/12/05	09:40	12/05	16:59	40-51.1S	109-59.2	4573	12.1	-3.0	14.5	12.08	12.79	34.91	6.61	.18
88/12/05	09:45	12/05	17:04	40-52.2S	109-59.2	4453	12.1	-3.0	14.4	11.93	12.79	34.91	6.61	.19
88/12/05	09:50	12/05	17:09	40-53.3S	109-59.2	4444	12.0	-3.0	14.6	11.93	12.87	34.84	6.61	.19
88/12/05	09:55	12/05	17:14	40-54.4S	109-59.2	4400	11.9	-3.0	14.8	11.93	12.87	34.84	6.58	.19
88/12/05	10:00	12/05	17:19	40-55.6S	109-59.2	4517	11.9	-3.0	14.3	11.93	12.87	34.84	6.55	.19
88/12/05	10:05	12/05	17:24	40-57.8S	109-58.6	4463	11.9	-3.0	14.7	12.00	12.87	34.84	6.53	.19
88/12/05	10:10	12/05	17:29	40-59.0S	109-58.6	4505	11.9	-3.0	14.4	11.93	12.79	34.91	6.51	.19
88/12/05	10:15	12/05	17:34	41-00.2S	109-58.6	4432	11.9	-3.0	14.7	1.27	13.03	34.93	4.52	.18
88/12/05	10:20	12/05	17:39	41-01.5S	109-58.5	4368	11.9	-3.0	14.7	.29	13.59	35.02	4.02	.18
88/12/05	10:25	12/05	17:44	41-02.8S	109-58.5	4326	11.8	-3.0	14.5	.22	14.08	35.07	4.34	.18
88/12/05	10:30	12/05	17:49	41-03.8S	109-58.5	4405	11.9	-3.0	14.6	.22	14.40	35.00	4.24	.18
88/12/05	10:35	12/05	17:54	41-05.0S	109-58.5	4334	11.9	-3.0	14.6	.22	14.73	35.07	3.92	.17
88/12/05	10:40	12/05	17:59	41-06.2S	109-58.6	4430	11.9	-3.0	14.7	.22	14.98	35.20	3.76	.17
88/12/05	10:45	12/05	18:04	41-07.4S	109-58.6	4472	12.0	-3.0	14.6	.14	15.38	36.10	4.00	.18
88/12/05	10:50	12/05	18:09	41-08.6S	109-58.6	4396	11.9	-3.0	14.8	.22	15.62	36.00	4.19	.17
88/12/05	10:55	12/05	18:14	41-09.7S	109-58.6	4444	11.9	-3.0	14.5	.22	15.95	35.71	4.01	.17
88/12/05	11:00	12/05	18:19	41-10.9S	109-58.6	4431	11.9	-3.0	14.6	.22	16.27	35.53	4.15	.16
88/12/05	11:05	12/05	18:24	41-12.1S	109-58.7	4393	12.0	-3.0	14.7	.22	16.51	35.44	3.91	.16
88/12/05	11:10	12/05	18:29	41-13.3S	109-58.7	4545	12.0	-3.0	14.8	3.44	14.48	34.93	5.54	.24
88/12/05	11:15	12/05	18:34	41-14.5S	109-58.7	4539	12.0	-3.0	14.7	11.85	14.00	34.90	5.94	.21
88/12/05	11:20	12/05	18:39	41-15.6S	109-58.7	4506	12.0	-3.0	14.7	11.25	12.79	34.91	5.82	.23
88/12/05	11:25	12/05	18:44	41-16.8S	109-58.7	4326	12.0	-3.0	14.5	11.85	12.70	34.87	5.95	.23
88/12/05	11:30	12/05	18:49	41-18.0S	109-58.7	4350	12.0	-3.0	14.7	11.70	12.62	34.94	6.08	.22
88/12/05	11:35	12/05	18:54	41-19.1S	109-58.8	4295	12.0	-3.0	14.5	11.63	12.70	34.87	6.14	.21
88/12/05	11:40	12/05	18:59	41-20.3S	109-58.8	4300	12.0	-3.0	14.4	11.63	12.70	34.87	6.21	.21
88/12/05	11:45	12/05	19:04	41-21.5S	109-58.9	4451	12.0	-3.0	14.4	11.70	12.70	34.87	6.27	.20
88/12/05	11:50	12/05	19:09	41-22.7S	109-58.9	4490	12.0	-3.0	14.7	11.63	12.62	34.82	6.29	.19
88/12/05	11:55	12/05	19:14	41-23.9S	109-58.9	4384	12.0	-3.0	14.7	11.55	12.70	34.87	6.33	.19
88/12/05	12:00	12/05	19:19	41-25.0S	109-58.9	4390	12.0	-3.0	14.8	11.55	12.70	34.87	6.35	.19
88/12/05	12:05	12/05	19:24	41-26.2S	109-59.0	4351	12.0	-3.0	14.7	11.55	12.70	34.87	6.36	.19
88/12/05	12:10	12/05	19:29	41-28.2S	109-58.4	4452	12.1	-3.0	14.6	11.55	12.70	34.87	6.39	.19
88/12/05	12:15	12/05	19:34	41-29.4S	109-58.4	4422	12.0	-3.0	14.4	11.55	12.62	34.82	6.37	.19
88/12/05	12:20	12/05	19:39	41-30.6S	109-58.4	4405	11.9	-3.0	14.8	11.55	12.62	34.94	6.42	.19
88/12/05	12:25	12/05	19:44	41-31.8S	109-58.4	4423	11.7	-3.0	14.8	11.55	12.70	34.87	6.44	.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]
88/12/05	12:30	12/05	19:49	41-33.0S	109-59.1	4368	11.7	-3.0	15.0	11.55	12.70	34.87	6.45	.20
88/12/05	12:35	12/05	19:54	41-34.3S	109-59.2	4546	11.7	-3.0	14.8	11.55	12.70	34.87	6.44	.20
88/12/05	12:40	12/05	19:59	41-35.5S	109-59.2	4340	11.7	-3.0	14.6	11.55	12.62	34.94	6.47	.20
88/12/05	12:45	12/05	20:04	41-36.7S	109-59.2	4396	11.7	-3.0	14.5	11.55	12.62	34.94	6.46	.20
88/12/05	12:50	12/05	20:09	41-37.9S	109-59.2	4393	11.7	-3.0	14.2	11.78	12.62	34.94	6.48	.20
88/12/05	12:55	12/05	20:14	41-39.0S	109-59.2	4238	11.7	-3.0	14.6	11.70	12.62	34.94	6.47	.20
88/12/05	13:00	12/05	20:19	41-40.3S	109-59.3	4226	11.6	-3.0	14.7	11.55	12.62	34.82	6.48	.20
88/12/05	13:05	12/05	20:24	41-41.5S	109-59.3	4258	11.5	-3.0	14.7	11.55	12.62	34.82	6.48	.20
88/12/05	13:10	12/05	20:29	41-42.7S	109-59.3	4346	11.5	-3.0	14.7	11.55	12.62	34.82	6.46	.20
88/12/05	13:15	12/05	20:34	41-43.9S	109-59.3	0	11.5	-3.0	14.6	11.55	12.54	34.99	6.46	.20
88/12/05	13:20	12/05	20:39	41-45.4S	109-59.9	4276	11.4	-3.0	14.6	11.55	12.54	34.89	6.49	.20
88/12/05	13:25	12/05	20:44	41-46.6S	109-59.9	4323	11.3	-3.0	14.7	11.55	12.54	34.89	6.49	.20
88/12/05	13:30	12/05	20:50	41-47.9S	110-00.0	4257	11.3	-3.0	14.5	11.55	12.54	34.89	6.52	.20
88/12/05	13:35	12/05	20:55	41-49.1S	110-00.1	3874	11.4	-3.0	14.4	11.55	12.62	34.82	6.50	.20
88/12/05	13:40	12/05	21:00	41-50.3S	110-00.1	3690	11.4	-3.0	14.7	11.55	12.62	34.82	6.51	.20
88/12/05	13:45	12/05	21:05	41-51.5S	110-00.1	3690	11.5	-3.0	14.9	11.93	12.62	34.94	6.53	.20
88/12/05	13:50	12/05	21:10	41-52.7S	110-00.2	3720	11.5	-3.0	14.5	11.70	12.70	34.87	6.54	.20
88/12/05	13:55	12/05	21:15	41-53.9S	110-00.2	4473	11.7	-3.0	14.5	11.63	12.70	34.87	6.53	.20
88/12/05	14:00	12/05	21:20	41-55.1S	110-00.2	4206	11.9	-3.0	14.4	11.55	12.70	34.87	6.53	.21
88/12/05	14:05	12/05	21:25	41-56.4S	110-00.2	4097	11.9	-3.0	14.6	11.55	12.70	34.87	6.54	.20
88/12/05	14:10	12/05	21:30	41-57.8S	110-00.2	4210	12.0	-3.0	14.6	11.55	12.70	34.99	6.53	.21
88/12/05	14:15	12/05	21:35	41-58.9S	110-00.2	4249	12.0	-3.0	15.0	11.55	12.70	34.99	6.52	.21
88/12/05	14:20	12/05	21:40	42-00.4S	110-00.4	4415	12.0	-3.0	14.7	11.78	12.70	34.87	6.54	.21
88/12/05	14:25	12/05	21:45	42-01.8S	110-00.4	4482	12.0	-3.0	14.7	11.63	12.54	34.89	6.51	.21
88/12/05	14:30	12/05	21:50	42-02.8S	110-00.4	4354	12.0	-3.0	14.4	11.55	12.58	34.92	6.52	.22
88/12/05	14:35	12/05	21:55	42-04.0S	110-00.4	4714	12.0	-3.0	14.8	11.63	12.21	34.82	6.54	.22
88/12/05	14:40	12/05	22:00	42-05.3S	110-00.5	4505	12.0	-3.0	14.8	11.63	12.13	34.90	6.52	.22
88/12/05	14:45	12/05	22:05	42-06.5S	110-00.5	4427	12.0	-3.0	14.9	11.70	12.13	34.90	6.56	.22
88/12/05	14:50	12/05	22:10	42-07.7S	110-00.5	4426	13.9	-3.0	14.4	11.70	12.13	34.78	6.57	.22
88/12/05	14:55	12/05	22:15	42-09.0S	110-00.5	4457	11.9	-3.0	14.7	11.70	12.13	34.90	6.61	.22
88/12/05	15:00	12/05	22:20	42-10.2S	110-00.5	4379	11.8	-3.0	14.9	11.70	12.13	34.90	6.60	.22
88/12/05	15:05	12/05	22:25	42-11.4S	110-00.5	4290	11.7	-3.0	14.3	11.70	12.13	34.78	6.61	.22
88/12/05	15:10	12/05	22:30	42-12.8S	110-00.5	4099	11.7	-3.0	14.6	11.70	12.05	34.85	6.63	.23
88/12/05	15:15	12/05	22:35	42-13.9S	110-00.5	4336	11.7	-3.0	14.2	11.70	12.05	34.85	6.64	.23
88/12/05	15:20	12/05	22:40	42-15.1S	110-00.5	4412	11.7	-3.0	13.9	11.78	11.97	34.80	6.65	.23
88/12/05	15:25	12/05	22:45	42-16.3S	110-00.5	4283	11.6	-3.0	14.7	11.78	12.05	34.73	6.64	.23
88/12/05	15:30	12/05	22:50	42-17.5S	110-00.5	4090	11.4	-3.0	14.8	11.70	11.97	34.80	6.65	.23
88/12/05	15:35	12/05	22:55	42-18.7S	110-00.5	4287	11.3	-3.0	14.8	11.78	11.97	34.80	6.67	.23
88/12/05	15:40	12/05	23:00	42-20.0S	110-00.5	4326	11.3	-3.0	14.8	11.78	11.97	34.80	6.66	.23
88/12/05	15:45	12/05	23:05	42-21.1S	110-01.6	4666	11.2	-3.0	14.1	11.78	11.97	34.80	6.65	.23
88/12/05	15:50	12/05	23:10	42-22.3S	110-01.6	4464	11.2	-3.0	14.5	11.78	12.05	34.85	6.64	.22
88/12/05	15:55	12/05	23:15	42-23.5S	110-01.7	4447	11.2	-3.0	14.6	11.78	12.05	34.85	6.65	.22
88/12/05	18:00	12/05	23:20	42-24.7S	110-01.7	4444	11.1	-3.0	14.8	11.85	11.97	34.80	6.65	.23
88/12/05	18:05	12/05	23:25	42-26.0S	110-01.7	0	11.0	-3.0	14.8	11.85	11.97	34.80	6.65	.23
88/12/05	18:10	12/05	23:30	42-27.2S	110-01.7	4600	10.9	-3.0	14.7	11.93	11.97	34.80	6.66	.22
88/12/05	18:15	12/05	23:35	42-28.4S	110-01.7	4375	10.9	-3.0	14.7	11.85	12.05	34.85	6.71	.23
88/12/05	18:20	12/05	23:40	42-29.8S	110-01.7	4313	10.9	-3.0	14.6	11.85	11.89	34.75	6.74	.25
88/12/05	18:25	12/05	23:45	42-30.9S	110-01.7	4334	10.9	-3.0	14.8	11.85	11.81	34.70	6.75	.25
88/12/05	18:30	12/05	23:50	42-32.1S	110-01.6	4287	10.9	-3.0	14.6	11.85	11.73	34.78	6.76	.25
88/12/05	18:35	12/05	23:55	42-33.4S	110-01.6	4303	10.9	-3.0	14.4	11.78	11.73	34.78	6.76	.25
88/12/05	18:40	12/06	00:00	42-34.8S	110-01.5	4216	10.8	-3.0	14.4	11.85	11.73	34.78	6.77	.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]	[m/l]	[ug/l]
88/12/05	16:45	12/06	00:05	42-35.8S	110-01.4	4307	10.7	-3.0	14.6	11.85	11.64	34.85	6.79	.26
88/12/05	16:50	12/06	00:10	42-37.0S	110-01.4	4252	10.7	-3.0	14.5	11.93	11.64	34.73	6.76	.26
88/12/05	16:55	12/06	00:15	42-38.2S	110-01.3	4400	10.7	-3.0	14.5	11.93	11.64	34.73	6.76	.26
88/12/05	17:00	12/06	00:20	42-39.5S	110-01.3	4077	10.7	-3.0	14.8	11.85	11.64	34.73	6.76	.25
88/12/05	17:05	12/06	00:25	42-40.7S	110-01.3	3962	10.7	-3.0	14.8	11.78	11.64	34.73	6.77	.26
88/12/05	17:10	12/06	00:30	42-41.9S	110-01.2	4249	10.8	-3.0	14.6	11.85	11.64	34.73	6.78	.25
88/12/05	17:15	12/06	00:35	42-43.2S	110-01.1	3997	10.7	-3.0	14.9	11.85	11.64	34.73	6.75	.25
88/12/05	17:20	12/06	00:40	42-44.4S	110-01.1	4025	10.7	-3.0	14.5	11.85	11.64	34.73	6.78	.25
88/12/05	17:25	12/06	00:45	42-45.6S	110-01.1	4148	10.8	-3.0	14.9	11.85	11.73	34.78	6.79	.25
88/12/05	17:30	12/06	00:50	42-47.3S	110-01.1	4339	10.7	-3.0	14.7	11.85	11.81	34.70	6.78	.25
88/12/05	17:35	12/06	00:55	42-48.5S	110-01.1	4300	10.7	-3.0	14.9	11.85	11.81	34.83	6.77	.23
88/12/05	17:40	12/06	01:00	42-49.7S	110-01.0	4101	10.8	-3.0	14.4	11.85	11.97	34.80	6.75	.22
88/12/05	17:45	12/06	01:05	42-51.0S	110-00.8	4145	10.8	-3.0	14.5	11.85	11.89	34.75	6.75	.23
88/12/05	17:50	12/06	01:10	42-52.2S	110-00.7	4211	10.8	-3.0	14.3	11.85	11.89	34.75	6.74	.23
88/12/05	17:55	12/06	01:15	42-53.5S	110-00.6	3945	11.0	-3.0	14.6	11.85	11.81	34.83	6.72	.23
88/12/05	18:00	12/06	01:20	42-54.7S	110-00.4	3971	11.0	-3.0	14.6	11.85	11.81	34.83	6.72	.23
88/12/05	18:05	12/06	01:25	42-55.9S	110-00.3	4029	11.0	-3.0	14.5	11.85	11.89	34.75	6.75	.23
88/12/05	18:10	12/06	01:30	42-57.1S	110-00.2	4351	11.0	-3.0	14.6	11.85	11.89	34.75	6.74	.23
88/12/05	18:15	12/06	01:35	42-58.3S	110-00.0	4181	11.2	-3.0	14.4	11.85	11.89	34.75	6.74	.23
88/12/05	18:20	12/06	01:40	42-59.6S	110-00.0	4112	11.3	-3.0	14.8	11.85	11.89	34.87	6.71	.23
88/12/05	18:25	12/06	01:44	43-00.8S	109-59.9	4282	11.2	-3.0	14.7	11.85	11.81	34.83	6.71	.23
88/12/05	18:30	12/06	01:49	43-02.0S	109-59.9	4082	11.1	-3.0	14.9	11.93	11.81	34.83	6.72	.24
88/12/05	18:35	12/06	01:54	43-03.3S	109-59.8	4100	11.2	-3.0	14.8	12.08	11.73	34.78	6.72	.23
88/12/05	18:40	12/06	01:59	43-04.6S	109-59.8	4221	11.2	-3.0	14.7	12.08	11.64	34.73	6.77	.23
88/12/05	18:45	12/06	02:04	43-05.8S	109-59.8	4234	11.2	-3.0	14.9	12.08	11.56	34.80	6.76	.23
88/12/05	18:50	12/06	02:09	43-07.1S	109-59.7	4186	11.2	-3.0	14.9	12.08	11.56	34.80	6.80	.24
88/12/05	18:55	12/06	02:15	43-09.4S	110-00.8	4116	11.2	-3.0	14.7	12.08	11.56	34.80	6.80	.24
88/12/05	19:00	12/06	02:20	43-10.7S	110-00.8	4285	11.2	-3.0	14.6	12.08	11.56	34.80	6.79	.24
88/12/05	19:05	12/06	02:25	43-11.9S	110-00.8	4284	11.2	-3.0	14.9	12.08	11.56	34.80	6.80	.25
88/12/05	19:10	12/06	02:30	43-13.3S	110-00.8	4031	11.4	-3.0	14.9	12.08	11.48	34.75	6.81	.26
88/12/05	19:15	12/06	02:35	43-14.5S	110-00.8	4052	11.5	-3.0	14.5	12.16	11.48	34.75	6.81	.26
88/12/05	19:20	12/06	02:40	43-15.8S	110-00.8	4272	11.6	-3.0	14.6	12.16	11.56	34.80	6.84	.25
88/12/05	19:25	12/06	02:45	43-17.1S	110-00.8	4320	11.8	-3.0	14.9	12.08	11.73	34.90	6.79	.23
88/12/05	19:30	12/06	02:50	43-18.4S	110-00.8	4320	11.8	-3.0	14.3	12.08	11.97	34.80	6.77	.22
88/12/05	19:35	12/06	02:55	43-19.7S	110-00.3	4280	12.0	-3.0	14.6	12.08	11.89	34.75	6.77	.23
88/12/05	19:40	12/06	03:00	43-20.9S	110-00.2	4234	12.1	-3.0	15.0	12.08	11.81	34.70	6.77	.23
88/12/05	19:45	12/06	03:05	43-22.3S	110-00.2	4083	12.1	-3.0	14.7	12.08	11.73	34.78	6.74	.23
88/12/05	19:50	12/06	03:10	43-23.5S	110-00.2	0	12.2	-3.0	14.7	12.08	11.73	34.78	6.74	.22
88/12/05	19:55	12/06	03:15	43-24.8S	110-00.2	3860	12.3	-3.0	15.0	12.08	11.73	34.78	6.72	.22
88/12/05	20:00	12/06	03:20	43-26.1S	110-00.2	3900	12.3	-3.0	14.7	12.08	11.81	34.83	6.72	.22
88/12/05	20:05	12/06	03:25	43-27.4S	110-00.2	3900	12.3	-3.0	14.9	12.08	11.64	34.73	6.76	.24
88/12/05	20:10	12/06	03:30	43-28.7S	110-00.2	3923	12.4	-3.0	14.8	12.08	11.48	34.75	6.80	.24
88/12/05	20:15	12/06	03:35	43-30.0S	110-00.1	4062	12.5	-3.0	14.8	12.08	11.48	34.75	6.80	.24
88/12/05	20:20	12/06	03:40	43-31.3S	110-00.1	3954	12.5	-3.0	14.7	12.08	11.40	34.83	6.84	.27
88/12/05	20:25	12/06	03:45	43-32.5S	110-00.1	3883	12.5	-3.0	14.6	12.08	11.40	34.70	6.80	.24
88/12/05	20:30	12/06	03:50	43-33.8S	110-00.1	4126	12.6	-3.0	14.8	12.16	11.48	34.75	6.76	.23
88/12/05	20:35	12/06	03:55	43-35.1S	110-00.1	4065	12.6	-3.0	14.8	12.16	11.40	34.70	6.77	.23
88/12/05	20:40	12/06	03:59	43-36.0S	109-59.8	4200	12.6	-3.0	14.5	12.16	11.32	34.78	6.79	.24
88/12/05	20:45	12/06	04:04	43-37.3S	109-59.5	4117	12.6	-3.0	14.7	12.16	11.40	34.83	6.80	.23
88/12/05	20:50	12/06	04:09	43-38.6S	109-59.5	4290	12.7	-3.0	14.9	12.08	11.40	34.83	6.71	.22
88/12/05	20:55	12/06	04:14	43-39.8S	109-59.5	4211	12.7	-3.0	15.0	12.08	11.56	34.80	6.71	.21



GMT		LMT		Lat	Lmg	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											
88/12/05	21:00	12/06	04:19	43-41.2S	109-59.4	4195	12.8	-3.0	14.6	12.08	11.56	34.80	6.69	.22
88/12/05	21:05	12/06	04:24	43-42.4S	109-59.4	4206	12.8	-3.0	15.0	12.08	11.32	34.78	6.61	.21
88/12/05	21:10	12/06	04:29	43-43.7S	109-59.3	4332	12.9	-3.0	14.6	12.16	11.32	34.78	6.62	.21
88/12/05	21:15	12/06	04:34	43-44.9S	109-59.3	4198	12.9	-3.0	14.8	12.16	11.32	34.78	6.62	.21
88/12/05	21:20	12/06	04:39	43-46.2S	109-58.5	4285	12.9	-3.0	14.9	12.08	11.32	34.78	6.63	.21
88/12/05	21:25	12/06	04:44	43-47.5S	109-58.4	4252	12.8	-3.0	14.8	12.16	11.32	34.78	6.66	.21
88/12/05	21:30	12/06	04:49	43-48.8S	109-58.4	4260	12.9	-3.0	14.8	12.08	11.32	34.78	6.68	.22
88/12/05	21:35	12/06	04:54	43-50.1S	109-58.4	4100	13.0	-3.0	15.0	12.16	11.40	34.83	6.63	.22
88/12/05	21:40	12/06	04:59	43-51.4S	109-58.4	4300	13.0	-3.0	14.3	12.16	11.32	34.78	6.65	.22
88/12/05	21:45	12/06	05:04	43-52.6S	109-58.4	4288	13.0	-3.0	14.7	12.16	11.24	34.85	6.63	.23
88/12/05	21:50	12/06	05:09	43-53.9S	109-58.3	4188	13.0	-3.0	15.0	12.16	11.24	34.73	6.68	.24
88/12/05	21:55	12/06	05:14	43-55.2S	109-58.3	4270	13.0	-3.0	14.8	12.16	11.16	34.80	6.65	.24
88/12/05	22:00	12/06	05:19	43-56.5S	109-58.3	4124	13.0	-3.0	15.0	12.16	11.08	34.75	6.68	.24
88/12/05	22:05	12/06	05:24	43-57.8S	109-58.3	4226	13.1	-3.0	14.7	12.31	11.00	34.83	6.66	.23
88/12/05	22:10	12/06	05:29	43-59.0S	109-58.3	4200	13.0	-3.0	14.4	12.08	11.00	34.83	6.67	.24
88/12/05	22:15	12/06	05:34	44-00.4S	109-58.3	4179	13.1	-3.0	14.5	12.16	11.08	34.75	6.68	.24
88/12/05	22:20	12/06	05:39	44-01.6S	109-58.3	4110	13.1	-3.0	14.9	12.16	11.08	34.75	6.68	.24
88/12/05	22:25	12/06	05:44	44-02.9S	109-58.2	3984	13.1	-3.0	14.6	12.16	11.08	34.75	6.68	.24
88/12/05	22:30	12/06	05:49	44-04.2S	109-58.2	3906	13.1	-3.0	14.9	12.08	11.08	34.75	6.65	.24
88/12/05	22:35	12/06	05:54	44-05.5S	109-58.2	3923	13.1	-3.0	15.0	12.08	11.24	34.85	6.69	.23
88/12/05	22:40	12/06	05:59	44-06.7S	109-58.1	3959	13.2	-3.0	14.7	12.16	11.32	34.78	6.70	.23
88/12/05	22:45	12/06	06:04	44-08.0S	109-58.1	4088	13.2	-3.0	14.5	12.16	11.40	34.83	6.68	.22
88/12/05	22:50	12/06	06:09	44-08.5S	109-58.3	4182	13.2	-3.0	15.0	12.16	11.40	34.83	6.68	.22
88/12/05	22:55	12/06	06:14	44-09.7S	109-58.3	4296	13.2	-3.0	14.6	12.16	11.40	34.83	6.65	.22
88/12/05	23:00	12/06	06:19	44-11.0S	109-58.3	4055	13.2	-3.0	14.8	12.08	11.40	34.83	6.67	.22
88/12/05	23:05	12/06	06:24	44-12.1S	109-58.1	4240	13.2	-3.0	14.6	12.16	11.40	34.83	6.67	.22
88/12/05	23:10	12/06	06:29	44-13.4S	109-58.1	4174	13.3	-3.0	14.7	12.16	11.40	34.83	6.65	.22
88/12/05	23:15	12/06	06:34	44-14.6S	109-58.1	4094	13.3	-3.0	14.9	12.16	11.40	34.83	6.63	.22
88/12/05	23:20	12/06	06:39	44-15.9S	109-58.0	3900	13.3	-3.0	14.9	12.16	11.40	34.83	6.63	.22
88/12/05	23:25	12/06	06:44	44-17.2S	109-58.0	3938	13.3	-3.0	15.0	12.08	11.40	34.83	6.63	.22
88/12/05	23:30	12/06	06:49	44-18.4S	109-58.0	3884	13.4	-3.0	14.5	12.08	11.40	34.83	6.62	.21
88/12/05	23:35	12/06	06:54	44-19.6S	109-58.0	4100	13.4	-3.0	14.3	12.23	11.40	34.83	6.65	.21
88/12/05	23:40	12/06	06:59	44-20.9S	109-58.0	4100	13.4	-3.0	14.6	12.23	11.48	34.75	6.64	.21
88/12/05	23:45	12/06	07:04	44-22.1S	109-58.0	4312	12.9	-3.0	14.9	12.23	11.48	34.75	6.65	.20
88/12/05	23:50	12/06	07:09	44-23.3S	109-58.0	4039	13.0	-3.0	14.8	12.23	11.48	34.87	6.65	.20
88/12/05	23:55	12/06	07:14	44-24.5S	109-57.9	3998	13.1	-3.0	14.7	12.23	11.48	34.87	6.66	.20
88/12/06	00:00	12/06	07:19	44-25.8S	109-57.9	3935	13.0	-3.0	14.9	12.16	11.48	34.87	6.65	.20
88/12/06	00:05	12/06	07:24	44-27.1S	109-57.9	3932	13.1	-3.0	14.8	12.16	11.48	34.87	6.65	.20
88/12/06	00:10	12/06	07:29	44-28.3S	109-58.0	4067	13.2	-3.0	14.8	12.08	11.48	34.75	6.66	.21
88/12/06	00:15	12/06	07:34	44-29.5S	109-58.0	4064	13.2	-3.0	14.9	12.08	11.40	34.70	6.66	.20
88/12/06	00:20	12/06	07:39	44-30.8S	109-58.0	3981	13.2	-3.0	14.4	11.93	11.32	34.78	6.64	.20
88/12/06	00:25	12/06	07:44	44-32.0S	109-58.0	3913	13.3	-3.0	14.8	11.93	11.24	34.85	6.64	.20
88/12/06	00:30	12/06	07:49	44-33.2S	109-58.1	3989	13.4	-3.0	14.6	11.93	11.24	34.73	6.63	.20
88/12/06	00:35	12/06	07:54	44-34.5S	109-58.1	4125	13.5	-3.0	15.1	11.85	11.24	34.85	6.65	.20
88/12/06	00:40	12/06	07:59	44-35.8S	109-58.1	3978	13.7	-3.0	14.6	11.85	11.32	34.78	6.66	.20
88/12/06	00:45	12/06	08:04	44-37.1S	109-58.9	4038	13.6	-3.0	14.5	11.85	11.32	34.78	6.64	.20
88/12/06	00:50	12/06	08:09	44-38.3S	109-58.9	0	13.6	-3.0	14.8	11.85	11.32	34.78	6.64	.20
88/12/06	00:55	12/06	08:14	44-39.5S	109-59.0	4388	13.4	-3.0	14.8	11.85	11.32	34.78	6.63	.20
88/12/06	01:00	12/06	08:19	44-40.8S	109-59.0	4147	13.4	-3.0	14.8	11.85	11.16	34.80	6.62	.20
88/12/06	01:05	12/06	08:24	44-42.1S	109-59.1	3974	13.4	-3.0	14.8	11.85	10.84	34.73	6.61	.22
88/12/06	01:10	12/06	08:29	44-43.3S	109-59.2	4144	13.4	-3.0	15.0	11.85	10.76	34.68	6.63	.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]
88/12/06	01:15	12/06	08:34	44-44.6S	109-59.2	4146	13.4	-3.0	14.7	11.85	10.68	34.75	6.63	.22
88/12/06	01:20	12/06	08:39	44-45.5S	109-59.0	4200	13.4	-3.0	7.4	11.93	10.68	34.75	6.61	.22
88/12/06	01:25	12/06	08:44	44-45.7S	109-58.3	4041	13.4	-3.0	5.5	11.93	10.59	34.70	6.75	.21
88/12/06	01:30	12/06	08:49	44-46.6S	109-58.3	4182	13.4	-3.0	13.2	11.93	10.59	34.70	6.63	.22
88/12/06	01:35	12/06	08:54	44-47.8S	109-58.3	4329	13.3	-3.0	14.9	11.85	10.59	34.82	6.66	.22
88/12/06	01:40	12/06	08:59	44-49.0S	109-58.4	4200	13.4	-3.0	14.4	11.93	10.59	34.70	6.63	.21
88/12/06	01:45	12/06	09:04	44-50.3S	109-58.4	4100	13.4	-3.0	15.0	11.93	10.59	34.82	6.63	.22
88/12/06	01:50	12/06	09:09	44-51.5S	109-58.5	4100	13.1	-3.0	14.7	11.93	10.68	34.75	6.66	.22
88/12/06	01:55	12/06	09:14	44-52.8S	109-58.6	4100	12.9	-3.0	14.6	11.93	10.68	34.75	6.66	.22
88/12/06	02:00	12/06	09:19	44-54.0S	109-58.6	4227	12.8	-3.0	14.7	11.93	10.68	34.75	6.64	.22
88/12/06	02:05	12/06	09:24	44-55.3S	109-58.7	3824	12.7	-3.0	14.5	11.93	10.68	34.75	6.66	.22
88/12/06	02:10	12/06	09:29	44-56.3S	109-58.7	3772	12.6	-3.0	8.8	12.00	10.68	34.75	6.68	.22
88/12/06	02:15	12/06	09:34	44-57.1S	109-58.7	4100	12.8	-3.0	11.9	11.93	10.68	34.75	6.68	.23
88/12/06	02:20	12/06	09:39	44-58.3S	109-58.8	3700	12.7	-3.0	15.0	11.93	10.68	34.75	6.68	.22
88/12/06	02:25	12/06	09:44	44-59.5S	109-58.9	3976	12.7	-3.0	14.8	12.00	10.68	34.75	6.65	.22
88/12/06	02:30	12/06	09:49	45-00.8S	109-58.9	0	12.7	-3.0	14.7	11.93	10.68	34.75	6.88	.22
88/12/06	02:35	12/06	09:54	45-02.4S	109-59.5	3922	12.7	-3.0	14.7	11.93	10.68	34.75	6.68	.22
88/12/06	02:40	12/06	09:59	45-03.7S	109-59.5	0	12.7	-3.0	14.8	11.93	10.68	34.75	6.68	.22
88/12/06	02:45	12/06	10:04	45-04.9S	109-59.6	4037	12.7	-3.0	14.7	11.93	10.68	34.75	6.68	.22
88/12/06	02:50	12/06	10:09	45-06.2S	109-59.7	4071	12.8	-3.0	14.8	11.93	10.59	34.82	6.65	.22
88/12/06	02:55	12/06	10:14	45-07.4S	109-59.8	4135	12.7	-3.0	14.3	11.93	10.59	34.82	6.64	.22
88/12/06	03:00	12/06	10:19	45-08.8S	109-59.8	3974	12.9	-3.0	15.0	11.93	10.68	34.75	6.64	.22
88/12/06	03:05	12/06	10:24	45-10.0S	109-59.9	4007	13.3	-3.0	14.6	11.93	10.68	34.75	6.63	.21
88/12/06	03:10	12/06	10:29	45-11.3S	109-59.9	3877	13.3	-3.0	14.7	11.93	10.68	34.75	6.63	.22
88/12/06	03:15	12/06	10:35	45-12.5S	110-00.2	4064	13.3	-3.0	14.7	11.93	10.68	34.75	6.61	.22
88/12/06	03:20	12/06	10:40	45-13.7S	110-00.2	4112	13.3	-3.0	14.4	11.93	10.76	34.80	6.62	.22
88/12/06	03:25	12/06	10:45	45-14.9S	110-00.2	4035	13.3	-3.0	14.6	11.93	10.76	34.80	6.57	.21
88/12/06	03:30	12/06	10:50	45-16.2S	110-00.3	3994	13.4	-3.0	14.8	11.93	10.76	34.80	6.58	.21
88/12/06	03:35	12/06	10:55	45-17.5S	110-00.3	3939	13.4	-3.0	14.9	11.93	10.68	34.75	6.55	.21
88/12/06	03:40	12/06	11:00	45-18.7S	110-00.3	3980	13.4	-3.0	14.9	11.93	10.59	34.82	6.54	.21
88/12/06	03:45	12/06	11:05	45-20.0S	110-00.3	4115	13.4	-3.0	14.9	11.93	10.59	34.70	6.53	.21
88/12/06	03:50	12/06	11:10	45-21.3S	110-00.3	3936	13.4	-3.0	14.8	11.93	10.59	34.70	6.53	.21
88/12/06	03:55	12/06	11:15	45-22.6S	110-00.4	3996	13.3	-3.0	15.1	11.93	10.59	34.70	6.51	.22
88/12/06	04:00	12/06	11:20	45-23.8S	110-01.3	3789	13.3	-3.0	14.5	11.93	10.51	34.77	6.50	.22
88/12/06	04:05	12/06	11:25	45-25.0S	110-01.3	3766	13.3	-3.0	14.6	11.93	10.59	34.82	6.55	.22
88/12/06	04:10	12/06	11:30	45-26.3S	110-01.3	3858	13.3	-3.0	14.8	11.93	10.59	34.82	6.59	.23
88/12/06	04:15	12/06	11:35	45-27.5S	110-01.3	4150	13.2	-3.0	14.7	11.93	10.59	34.82	6.58	.23
88/12/06	04:20	12/06	11:40	45-28.8S	110-01.3	3877	13.3	-3.0	14.7	11.93	10.59	34.82	6.53	.23
88/12/06	04:25	12/06	11:45	45-30.1S	110-01.2	3871	13.3	-3.0	14.7	11.93	10.59	34.82	6.54	.23
88/12/06	04:30	12/06	11:50	45-31.3S	110-01.2	3895	13.2	-3.0	14.7	11.93	10.59	34.82	6.50	.24
88/12/06	04:35	12/06	11:55	45-32.5S	110-01.2	3964	13.1	-3.0	14.8	11.85	10.59	34.82	6.49	.23
88/12/06	04:40	12/06	12:00	45-33.8S	110-01.1	3968	13.1	-3.0	14.9	11.85	10.59	34.82	6.47	.23
88/12/06	04:45	12/06	12:05	45-35.0S	110-01.1	3871	13.1	-3.0	14.9	11.85	10.59	34.82	6.46	.24
88/12/06	04:50	12/06	12:10	45-36.2S	110-01.0	3958	13.0	-3.0	8.3	11.85	10.59	34.82	6.46	.24
88/12/06	04:55	12/06	12:15	45-36.4S	110-00.7	4200	13.0	-3.0	1.8	11.85	10.59	34.82	6.80	.24
88/12/06	05:00	12/06	12:20	45-36.4S	110-00.7	3830	13.1	-3.0	.9	11.85	10.59	34.82	6.45	.24
88/12/06	05:05	12/06	12:25	45-36.5S	110-01.1	3829	13.1	-3.0	.6	11.85	10.59	34.82	6.45	.24
88/12/06	05:10	12/06	12:30	45-36.5S	110-01.2	3843	13.2	-3.0	.4	11.85	10.59	34.82	6.44	.24
88/12/06	05:15	12/06	12:35	45-36.6S	110-01.3	3794	13.2	-3.0	.5	11.85	10.59	34.82	6.44	.24
88/12/06	05:20	12/06	12:40	45-36.8S	110-00.5	3784	13.1	-3.0	.4	11.85	10.59	34.82	6.44	.24
88/12/06	05:25	12/06	12:45	45-36.8S	110-00.6	3786	13.1	-3.0	.4	11.85	10.59	34.82	6.43	.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]
88/12/06	05:30	12/06	12:50	45-36.9S	110-00.7	3806	13.1	-3.0	.5	11.85	10.59	34.82	6.44	.24
88/12/06	05:35	12/06	12:55	45-37.0S	110-00.7	3823	13.0	-3.0	.4	11.78	10.59	34.82	6.46	.24
88/12/06	05:40	12/06	13:00	45-37.1S	110-00.8	3844	13.0	-3.0	.4	11.78	10.59	34.82	6.43	.24
88/12/06	05:45	12/06	13:05	45-37.3S	110-02.0	3851	13.0	-3.0	.5	11.78	10.59	34.82	6.42	.24
88/12/06	05:50	12/06	13:10	45-37.3S	110-02.1	3861	13.0	-3.0	.4	11.78	10.59	34.82	6.41	.25
88/12/06	05:55	12/06	13:15	45-37.4S	110-02.2	3865	13.0	-3.0	.3	11.78	10.59	34.82	6.38	.25
88/12/06	06:00	12/06	13:20	45-37.4S	110-02.3	3867	12.9	-3.0	.6	11.78	10.59	34.82	6.40	.25
88/12/06	06:05	12/06	13:25	45-37.6S	110-02.5	3855	12.8	-3.0	.7	11.78	10.59	34.82	6.38	.25
88/12/06	06:10	12/06	13:30	45-37.6S	110-02.6	3849	12.9	-3.0	.6	11.78	10.59	34.82	6.38	.25
88/12/06	06:15	12/06	13:35	45-37.7S	110-02.7	3833	13.0	-3.0	.6	11.78	10.59	34.82	6.38	.25
88/12/06	06:20	12/06	13:40	45-37.8S	110-02.8	3802	13.0	-3.0	.6	11.78	10.59	34.82	6.37	.25
88/12/06	06:25	12/06	13:45	45-37.9S	110-02.9	3777	12.9	-3.0	.5	11.78	10.59	34.82	6.37	.25
88/12/06	06:30	12/06	13:50	45-38.0S	110-03.1	3774	12.9	-3.0	.6	11.78	10.59	34.82	6.37	.26
88/12/06	06:35	12/06	13:55	45-38.0S	110-03.2	3796	12.9	-3.0	.5	11.78	10.59	34.82	6.37	.26
88/12/06	06:40	12/06	14:00	45-38.1S	110-03.3	3809	12.8	-3.0	.6	11.78	10.59	34.82	6.35	.26
88/12/06	06:45	12/06	14:05	45-38.2S	110-03.4	3816	12.8	-3.0	.4	11.78	10.59	34.82	6.36	.26
88/12/06	06:50	12/06	14:10	45-38.3S	110-03.5	3821	12.8	-3.0	.6	11.78	10.59	34.82	6.36	.27
88/12/06	06:55	12/06	14:15	45-38.3S	110-03.6	3789	12.7	-3.0	.6	11.78	10.59	34.82	6.35	.27
88/12/06	07:00	12/06	14:20	45-38.5S	110-03.7	3779	12.7	-3.0	.5	11.78	10.59	34.82	6.37	.27
88/12/06	07:05	12/06	14:25	45-38.5S	110-03.8	3781	12.7	-3.0	.3	11.78	10.59	34.82	6.36	.28
88/12/06	07:10	12/06	14:30	45-38.6S	110-04.0	3791	12.6	-3.0	.4	11.78	10.59	34.82	6.32	.28
88/12/06	07:15	12/06	14:35	45-38.6S	110-04.1	3805	12.6	-3.0	.5	11.78	10.59	34.82	6.35	.28
88/12/06	07:20	12/06	14:40	45-38.8S	110-04.3	3825	12.6	-3.0	.5	11.78	10.59	34.82	6.37	.29
88/12/06	07:25	12/06	14:45	45-38.8S	110-04.4	3779	12.6	-3.0	.7	11.78	10.59	34.82	6.36	.28
88/12/06	07:30	12/06	14:50	45-38.9S	110-04.5	3852	12.6	-3.0	.6	11.78	10.59	34.82	6.34	.28
88/12/06	07:35	12/06	14:55	45-38.9S	110-04.6	3849	12.5	-3.0	.6	11.78	10.59	34.82	6.36	.28
88/12/06	07:40	12/06	15:00	45-39.1S	110-04.7	3924	12.5	-3.0	2.5	11.78	10.59	34.82	6.33	.29
88/12/06	07:45	12/06	15:05	45-39.7S	110-04.6	3829	12.6	-3.0	9.6	11.78	10.59	34.82	6.33	.28
88/12/06	07:50	12/06	15:10	45-40.6S	110-04.8	4030	12.6	-3.0	10.6	11.78	10.59	34.82	6.37	.28
88/12/06	07:55	12/06	15:15	45-41.5S	110-04.5	3913	12.6	-3.0	10.4	11.78	10.59	34.70	6.35	.28
88/12/06	08:00	12/06	15:20	45-42.5S	110-04.4	4000	12.6	-3.0	14.2	11.78	10.51	34.77	6.35	.29
88/12/06	08:05	12/06	15:25	45-43.8S	110-04.3	4117	12.7	-3.0	14.9	11.78	10.51	34.77	6.36	.29
88/12/06	08:10	12/06	15:30	45-45.0S	110-04.2	3829	12.6	-3.0	14.9	11.78	10.51	34.77	6.37	.29
88/12/06	08:15	12/06	15:35	45-46.3S	110-04.1	3852	12.6	-3.0	14.8	11.78	10.43	34.72	6.35	.28
88/12/06	08:20	12/06	15:40	45-47.5S	110-04.0	3788	12.6	-3.0	14.0	11.85	10.43	34.72	6.40	.28
88/12/06	08:25	12/06	15:45	45-48.6S	110-03.8	3895	12.7	-3.0	11.9	11.85	10.35	34.80	6.34	.28
88/12/06	08:30	12/06	15:50	45-49.1S	110-03.7	4000	12.6	-3.0	5.8	11.78	10.35	34.67	6.38	.29
88/12/06	08:35	12/06	15:55	45-49.8S	110-03.5	4000	12.6	-3.0	8.8	11.78	10.19	34.70	6.42	.30
88/12/06	08:40	12/06	16:00	45-50.6S	110-03.5	3764	12.5	-3.0	9.4	11.78	10.19	34.70	6.40	.30
88/12/06	08:45	12/06	16:05	45-51.4S	110-03.5	3768	12.4	-3.0	9.8	11.78	10.19	34.70	6.39	.31
88/12/06	08:50	12/06	16:10	45-52.3S	110-03.5	3734	12.4	-3.0	10.1	11.78	10.19	34.70	6.40	.31
88/12/06	08:55	12/06	16:15	45-53.2S	110-03.7	3880	12.3	-3.0	10.3	11.85	10.19	34.70	6.39	.31
88/12/06	09:00	12/06	16:20	45-55.1S	110-04.8	3794	12.3	-3.0	11.2	11.78	10.19	34.70	6.39	.32
88/12/06	09:05	12/06	16:25	45-56.1S	110-04.9	3937	12.3	-3.0	13.2	11.78	10.19	34.70	6.39	.32
88/12/06	09:10	12/06	16:30	45-57.3S	110-04.8	3775	12.4	-3.0	13.4	11.78	10.19	34.70	6.39	.31
88/12/06	09:15	12/06	16:35	45-58.5S	110-04.7	3769	12.4	-3.0	13.8	11.78	10.10	34.65	6.42	.31
88/12/06	09:20	12/06	16:40	45-59.7S	110-04.7	4086	12.4	-3.0	14.1	11.85	10.10	34.65	6.44	.31
88/12/06	09:25	12/06	16:45	46-00.8S	110-04.7	3815	12.4	-3.0	13.8	11.78	10.02	34.72	6.42	.32
88/12/06	09:30	12/06	16:50	46-02.0S	110-04.6	3961	12.4	-3.0	13.8	11.78	10.02	34.59	6.41	.32
88/12/06	09:35	12/06	16:55	46-03.3S	110-04.6	3783	12.4	-3.0	14.7	11.78	10.02	34.72	6.43	.32
88/12/06	09:40	12/06	17:00	46-04.5S	110-04.4	3782	12.4	-3.0	13.9	11.85	10.10	34.65	6.41	.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]
88/12/06	09:45	12/06	17:05	46-05.8S	110-04.4	3734	12.4	-3.0	14.7	11.78	10.10	34.65	6.40	.31
88/12/06	09:50	12/06	17:10	46-07.1S	110-04.3	3742	12.4	-3.0	14.7	11.85	10.10	34.65	6.40	.31
88/12/06	09:55	12/06	17:15	46-08.3S	110-04.3	3721	12.4	-3.0	13.9	11.85	10.10	34.65	6.40	.30
88/12/06	10:00	12/06	17:20	46-09.5S	110-04.2	3644	12.3	-3.0	14.1	11.78	10.10	34.77	6.37	.31
88/12/06	10:05	12/06	17:25	46-10.8S	110-04.1	3707	12.3	-3.0	14.7	11.78	10.10	34.77	6.39	.30
88/12/06	10:10	12/06	17:30	46-12.1S	110-04.0	3761	12.3	-3.0	14.4	11.78	10.10	34.77	6.35	.30
88/12/06	10:15	12/06	17:35	46-13.3S	110-04.0	3897	12.3	-3.0	14.1	11.78	10.10	34.77	6.31	.30
88/12/06	10:20	12/06	17:40	46-14.5S	110-03.9	3921	12.3	-3.0	14.4	11.78	10.10	34.77	6.33	.30
88/12/06	10:25	12/06	17:45	46-15.8S	110-03.8	3779	12.3	-3.0	14.6	11.78	10.10	34.77	6.35	.30
88/12/06	10:30	12/06	17:50	46-17.0S	110-03.7	3888	12.2	-3.0	14.3	11.78	10.10	34.65	6.34	.30
88/12/06	10:35	12/06	17:55	46-18.3S	110-03.7	3685	12.2	-3.0	14.4	11.78	10.02	34.72	6.33	.31
88/12/06	10:40	12/06	18:00	46-19.6S	110-03.6	3786	12.1	-3.0	13.8	11.78	9.94	34.67	6.35	.32
88/12/06	10:45	12/06	18:05	46-21.2S	110-03.5	3939	12.0	-3.0	14.1	11.78	9.62	34.59	6.37	.34
88/12/06	10:50	12/06	18:10	46-22.4S	110-03.5	3676	11.9	-3.0	14.5	11.78	9.37	34.56	6.32	.34
88/12/06	10:55	12/06	18:15	46-23.7S	110-03.4	3658	11.7	-3.0	14.5	11.78	9.21	34.44	6.35	.35
88/12/06	11:00	12/06	18:20	46-25.0S	110-03.3	3622	11.6	-3.0	13.9	11.78	8.89	34.35	6.33	.36
88/12/06	11:05	12/06	18:25	46-26.2S	110-03.2	3840	11.4	-3.0	14.1	11.85	8.73	34.38	6.32	.35
88/12/06	11:10	12/06	18:30	46-27.8S	110-03.2	3600	11.3	-3.0	14.7	11.85	8.57	34.40	6.32	.36
88/12/06	11:15	12/06	18:35	46-29.1S	110-03.1	3622	11.1	-3.0	14.4	11.85	8.49	34.34	6.33	.36
88/12/06	11:20	12/06	18:40	46-30.4S	110-03.1	3562	10.8	-3.0	14.3	11.85	8.49	34.34	6.38	.35
88/12/06	11:25	12/06	18:45	46-31.7S	110-03.0	3625	-9.7	-3.0	1.5	11.85	8.49	34.34	6.40	.35
88/12/06	11:30	12/06	18:50	46-32.9S	110-02.9	3637	10.6	-3.0	14.5	11.85	8.57	34.40	6.45	.35
88/12/06	11:35	12/06	18:55	46-34.2S	110-02.9	3481	10.6	-3.0	14.5	11.85	8.81	34.43	6.46	.34
88/12/06	11:40	12/06	19:00	46-35.5S	110-02.8	3767	10.5	-3.0	14.3	11.85	8.89	34.48	6.46	.33
88/12/06	11:45	12/06	19:05	46-36.8S	110-02.8	3684	10.7	-3.0	14.5	11.93	9.05	34.46	6.49	.33
88/12/06	11:50	12/06	19:10	46-38.0S	110-02.7	3545	10.5	-3.0	14.7	11.85	8.89	34.35	6.51	.33
88/12/06	11:55	12/06	19:15	46-39.4S	110-02.6	3499	10.5	-3.0	14.2	11.85	8.73	34.38	6.46	.34
88/12/06	12:00	12/06	19:20	46-40.7S	110-02.6	3553	10.4	-3.0	14.6	11.93	8.24	34.18	6.48	.35
88/12/06	12:05	12/06	19:25	46-42.5S	110-02.5	3535	10.3	-3.0	14.3	11.93	8.00	34.14	6.46	.37
88/12/06	12:10	12/06	19:30	46-43.9S	110-02.5	3609	10.3	-3.0	14.2	11.93	8.40	34.29	6.54	.36
88/12/06	12:15	12/06	19:35	46-45.2S	110-02.3	3660	10.3	-3.0	14.7	11.93	8.40	34.29	6.58	.36
88/12/06	12:20	12/06	19:40	46-46.4S	110-02.3	3850	10.3	-3.0	14.4	11.93	8.00	34.14	6.52	.36
88/12/06	12:25	12/06	19:45	46-47.8S	110-02.2	3694	10.2	-3.0	14.4	11.93	7.67	34.18	6.48	.37
88/12/06	12:30	12/06	19:50	46-49.1S	110-02.2	3677	10.1	-3.0	14.7	12.00	7.59	34.12	6.49	.36
88/12/06	12:35	12/06	19:55	46-50.4S	110-02.1	3600	10.0	-3.0	14.6	12.00	7.51	34.07	6.53	.37
88/12/06	12:40	12/06	20:00	46-51.7S	110-02.0	3602	9.9	-3.0	14.5	12.00	7.51	34.07	6.57	.37
88/12/06	12:45	12/06	20:05	46-53.0S	110-02.0	3495	9.5	-3.0	14.1	12.00	7.51	34.20	6.60	.37
88/12/06	12:50	12/06	20:10	46-54.3S	110-01.9	3484	8.6	-3.0	14.4	12.00	7.59	34.12	6.61	.37
88/12/06	12:55	12/06	20:15	46-55.6S	110-01.9	3611	7.9	-3.0	14.4	12.08	7.51	34.20	6.61	.36
88/12/06	13:00	12/06	20:20	46-56.8S	110-01.9	3705	7.7	-3.0	13.9	12.08	7.59	34.12	6.60	.36
88/12/06	13:05	12/06	20:25	46-58.1S	110-01.8	3636	7.7	-3.0	14.1	12.08	7.83	34.16	6.66	.36
88/12/06	13:10	12/06	20:30	46-59.4S	110-01.7	3535	7.7	-3.0	13.6	12.08	8.16	34.38	6.70	.35
88/12/06	13:15	12/06	20:35	47-00.7S	110-01.7	3723	7.6	-3.0	14.2	12.08	8.24	34.31	6.70	.34
88/12/06	13:20	12/06	20:40	47-01.9S	110-01.7	3650	7.4	-3.0	13.7	12.00	8.32	34.36	6.65	.33
88/12/06	13:25	12/06	20:45	47-03.2S	110-01.7	3824	7.3	-3.0	13.6	12.08	8.49	34.34	6.72	.34
88/12/06	13:30	12/06	20:50	47-04.5S	110-01.6	3881	7.3	-3.0	14.1	12.00	8.49	34.34	6.72	.34
88/12/06	13:35	12/06	20:55	47-05.8S	110-01.6	3960	7.2	-3.0	14.1	12.08	8.49	34.34	6.70	.33
88/12/06	13:40	12/06	21:00	47-07.0S	110-01.6	3815	7.2	-3.0	14.2	12.08	8.32	34.36	6.67	.34
88/12/06	13:45	12/06	21:05	47-08.3S	110-01.5	3718	7.2	-3.0	14.3	12.08	8.32	34.23	6.65	.34
88/12/06	13:50	12/06	21:10	47-09.6S	110-01.4	3690	7.2	-3.0	14.0	12.08	8.24	34.18	6.69	.35
88/12/06	13:55	12/06	21:15	47-10.1S	110-01.6	3770	7.3	-3.0	14.0	12.08	7.83	34.16	6.68	.38

GMT		LMT		Lat	Long	Depth [m]	A temp [°C]	Wtemp [°C]	Speed [Kt]	Flow [1/m]	Wtemp [°C]	Sal [ppt]	Do [ml/l]	Chl [ug/l]
Date	Time	Date	Time											
88/12/06	14:00	12/06	21:20	47-11.4S	110-01.6	3901	7.3	-3.0	14.3	12.08	7.75	34.10	6.66	.39
88/12/06	14:05	12/06	21:25	47-12.7S	110-01.6	3902	7.3	-3.0	13.9	12.08	7.67	34.18	6.63	.39
88/12/06	14:10	12/06	21:30	47-13.8S	110-01.5	3843	7.3	-3.0	14.0	12.08	7.67	34.05	6.66	.37
88/12/06	14:15	12/06	21:35	47-15.0S	110-01.5	3737	7.4	-3.0	14.4	12.08	7.59	34.12	6.66	.36
88/12/06	14:20	12/06	21:40	47-16.1S	110-01.4	3736	7.4	-3.0	14.1	12.08	7.59	34.12	6.66	.37
88/12/06	14:25	12/06	21:45	47-17.3S	110-01.4	3748	7.5	-3.0	14.3	12.08	7.59	34.12	6.71	.38
88/12/06	14:30	12/06	21:50	47-18.6S	110-01.2	3749	7.6	-3.0	14.4	12.08	7.87	34.18	6.76	.38
88/12/06	14:35	12/06	21:55	47-19.8S	110-01.2	3707	7.6	-3.0	14.5	12.08	7.67	34.18	6.73	.38
88/12/06	14:40	12/06	22:00	47-20.9S	110-01.1	3811	7.6	-3.0	14.5	12.08	7.67	34.18	6.70	.37
88/12/06	14:45	12/06	22:05	47-22.1S	110-01.1	3739	7.7	-3.0	13.9	12.08	7.75	34.10	6.72	.36
88/12/06	14:50	12/06	22:10	47-23.2S	110-01.0	3849	7.7	-3.0	14.6	12.16	7.83	34.16	6.75	.35
88/12/06	14:55	12/06	22:15	47-24.4S	110-00.9	3638	7.7	-3.0	13.7	12.23	7.91	34.22	6.75	.34
88/12/06	15:00	12/06	22:20	47-25.6S	110-00.8	3850	7.7	-3.0	14.3	12.23	7.91	34.22	6.75	.34
88/12/06	15:05	12/06	22:25	47-26.7S	110-00.8	3689	7.7	-3.0	13.7	12.23	8.00	34.14	6.72	.33
88/12/06	15:10	12/06	22:30	47-27.8S	110-00.7	3721	7.7	-3.0	14.4	12.23	8.00	34.27	6.75	.34
88/12/06	15:15	12/06	22:35	47-29.0S	110-00.6	3638	7.6	-3.0	14.4	12.23	8.00	34.27	6.79	.34
88/12/06	15:20	12/06	22:40	47-30.8S	110-00.3	3649	7.6	-3.0	14.0	12.23	8.00	34.14	6.80	.35
88/12/06	15:25	12/06	22:45	47-32.0S	110-00.2	3563	7.5	-3.0	13.9	12.23	7.75	34.24	6.75	.36
88/12/06	15:30	12/06	22:50	47-33.1S	110-00.1	3646	7.5	-3.0	14.3	12.23	7.67	34.18	6.73	.36
88/12/06	15:35	12/06	22:55	47-34.2S	110-00.1	3545	7.4	-3.0	13.7	12.31	7.67	34.18	6.74	.36
88/12/06	15:40	12/06	22:59	47-35.8S	109-59.3	3619	7.3	-3.0	13.9	12.31	7.67	34.05	6.77	.36
88/12/06	15:45	12/06	23:04	47-37.0S	109-59.2	3546	7.3	-3.0	14.2	12.23	7.67	34.18	6.78	.36
88/12/06	15:50	12/06	23:09	47-38.1S	109-59.2	3499	7.3	-3.0	14.5	12.31	7.59	34.12	6.79	.36
88/12/06	15:55	12/06	23:14	47-39.2S	109-59.2	3441	7.2	-3.0	12.9	12.31	7.59	34.12	6.77	.36
88/12/06	16:00	12/06	23:19	47-40.2S	109-59.1	3470	7.1	-3.0	11.6	12.31	7.59	34.12	6.77	.36
88/12/06	16:05	12/06	23:24	47-41.2S	109-59.1	3442	7.1	-3.0	11.4	12.31	7.59	34.12	6.79	.36
88/12/06	16:10	12/06	23:29	47-42.1S	109-59.2	3740	7.1	-3.0	11.4	12.31	7.51	34.20	6.79	.36
88/12/06	16:15	12/06	23:34	47-43.1S	109-59.2	3827	7.1	-3.0	12.0	12.31	7.59	34.12	6.82	.36
88/12/06	16:20	12/06	23:39	47-44.4S	109-59.5	3687	7.1	-3.0	11.5	12.31	7.59	34.12	6.84	.35
88/12/06	16:25	12/06	23:44	47-45.4S	109-59.6	3735	7.1	-3.0	11.8	12.38	7.67	34.05	6.84	.36
88/12/06	16:30	12/06	23:49	47-46.4S	109-59.6	3784	7.1	-3.0	12.1	12.38	7.59	34.12	6.85	.35
88/12/06	16:35	12/06	23:54	47-47.4S	109-59.8	3804	7.0	-3.0	12.1	12.31	7.59	34.12	6.87	.34
88/12/06	16:40	12/06	23:59	47-48.4S	109-59.8	3620	7.1	-3.0	11.3	12.31	7.51	34.20	6.83	.34
88/12/06	16:45	12/07	00:04	47-49.3S	109-59.9	3687	7.1	-3.0	11.7	12.38	7.51	34.07	6.82	.33
88/12/06	16:50	12/07	00:09	47-50.3S	109-59.9	3712	7.0	-3.0	11.9	12.38	7.51	34.07	6.84	.33
88/12/06	16:55	12/07	00:15	47-51.4S	110-00.0	0	7.0	-3.0	13.7	12.38	7.34	34.08	6.79	.31
88/12/06	17:00	12/07	00:20	47-52.5S	110-00.0	0	6.9	-3.0	13.6	12.31	7.26	34.03	6.79	.31
88/12/06	17:05	12/07	00:25	47-53.9S	110-00.1	3900	6.9	-3.0	13.6	12.31	7.26	34.03	6.80	.31
88/12/06	17:10	12/07	00:30	47-55.1S	110-00.1	0	6.9	-3.0	13.5	12.31	7.18	34.10	6.82	.31
88/12/06	17:15	12/07	00:35	47-56.2S	110-00.2	0	6.9	-3.0	13.6	12.31	7.18	34.10	6.81	.30
88/12/06	17:20	12/07	00:40	47-57.4S	110-00.2	3900	6.9	-3.0	13.4	12.31	7.10	34.18	6.82	.30
88/12/06	17:25	12/07	00:45	47-58.8S	110-00.2	3272	6.9	-3.0	14.2	12.31	7.10	34.18	6.83	.30
88/12/06	17:30	12/07	00:50	47-59.7S	110-00.2	3338	6.9	-3.0	13.6	12.31	7.10	34.05	6.83	.30
88/12/06	17:35	12/07	00:55	48-00.8S	110-00.2	3364	6.8	-3.0	13.9	12.31	7.02	34.12	6.85	.29
88/12/06	17:40	12/07	01:00	48-02.0S	110-00.2	3671	6.8	-3.0	13.7	12.38	6.94	34.06	6.87	.29
88/12/06	17:45	12/07	01:05	48-03.2S	110-00.2	3703	6.8	-3.0	13.8	12.31	6.94	34.06	6.84	.29
88/12/06	17:50	12/07	01:10	48-04.3S	110-00.2	3676	6.8	-3.0	13.8	12.31	6.94	34.06	6.87	.28
88/12/06	17:55	12/07	01:15	48-05.4S	110-00.2	3670	6.8	-3.0	13.0	12.38	6.86	34.01	6.87	.28
88/12/06	18:00	12/07	01:20	48-06.5S	110-00.2	3637	6.8	-3.0	13.2	12.38	6.86	34.01	6.87	.28
88/12/06	18:05	12/07	01:25	48-07.7S	110-00.2	3512	6.7	-3.0	13.6	12.46	6.86	34.01	6.88	.28
88/12/06	18:10	12/07	01:30	48-08.8S	110-00.2	3436	6.7	-3.0	14.0	12.38	6.86	34.01	6.91	.28

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]
88/12/06	18:15	12/07	01:35	48-10.0S	110-00.2	3651	6.7	-3.0	14.2	12.46	6.86	34.01	6.93	.28
88/12/06	18:20	12/07	01:40	48-11.2S	110-00.2	3600	6.7	-3.0	14.1	12.38	6.86	34.01	6.93	.27
88/12/06	18:25	12/07	01:45	48-12.4S	110-00.2	3600	6.7	-3.0	14.6	12.38	6.86	34.14	6.96	.27
88/12/06	18:30	12/07	01:50	48-14.1S	110-00.7	3418	6.7	-3.0	14.5	12.31	6.86	34.01	6.96	.27
88/12/06	18:35	12/07	01:55	48-15.4S	110-00.7	3525	6.7	-3.0	14.3	12.38	6.94	34.06	6.96	.27
88/12/06	18:40	12/07	02:00	48-16.6S	110-00.7	3402	6.7	-3.0	14.1	12.38	6.86	34.14	6.94	.27
88/12/06	18:45	12/07	02:05	48-17.8S	110-00.7	3651	6.7	-3.0	14.4	12.38	6.78	34.08	6.94	.27
88/12/06	18:50	12/07	02:10	48-19.0S	110-00.7	3439	6.7	-3.0	14.5	12.38	6.78	34.08	6.94	.27
88/12/06	18:55	12/07	02:15	48-20.3S	110-00.7	3271	6.7	-3.0	14.5	12.38	6.78	34.08	6.95	.27
88/12/06	19:00	12/07	02:20	48-21.5S	110-00.8	3363	6.7	-3.0	14.4	12.38	6.78	34.08	6.94	.26
88/12/06	19:05	12/07	02:25	48-22.7S	110-00.8	3277	6.7	-3.0	14.3	12.38	6.78	34.08	6.93	.26
88/12/06	19:10	12/07	02:30	48-24.0S	110-00.8	3382	6.7	-3.0	14.8	12.46	6.70	34.02	6.94	.26
88/12/06	19:15	12/07	02:35	48-25.3S	110-00.8	3381	6.7	-3.0	14.4	12.38	6.70	34.16	6.96	.25
88/12/06	19:20	12/07	02:40	48-26.5S	110-00.8	3564	6.7	-3.0	15.0	12.46	6.70	34.02	6.96	.25
88/12/06	19:25	12/07	02:45	48-27.8S	110-00.8	3547	6.8	-3.0	14.8	12.46	6.78	34.08	6.98	.25
88/12/06	19:30	12/07	02:50	48-29.0S	110-00.9	3807	6.7	-3.0	14.2	12.46	6.78	34.08	7.00	.26
88/12/06	19:35	12/07	02:55	48-30.3S	110-00.9	3386	6.7	-3.0	14.9	12.46	6.78	34.08	7.00	.25
88/12/06	19:40	12/07	03:00	48-31.6S	110-00.9	3393	6.7	-3.0	14.6	12.46	6.82	34.10	6.91	.24
88/12/06	19:45	12/07	03:05	48-32.8S	110-00.9	3328	6.7	-3.0	14.6	12.53	6.29	33.99	6.90	.24
88/12/06	19:50	12/07	03:10	48-34.0S	110-00.9	3332	6.7	-3.0	14.3	12.53	6.13	34.02	6.87	.23
88/12/06	19:55	12/07	03:15	48-35.2S	110-00.1	3400	6.7	-3.0	14.1	12.46	6.05	33.95	6.84	.23
88/12/06	20:00	12/07	03:20	48-36.5S	110-00.1	3350	7.0	-3.0	14.7	12.46	6.05	33.95	6.87	.23
88/12/06	20:05	12/07	03:25	48-37.7S	110-00.1	3351	7.0	-3.0	14.4	12.46	6.05	34.10	6.92	.24
88/12/06	20:10	12/07	03:30	48-38.9S	110-00.1	3287	7.0	-3.0	14.5	12.46	6.13	34.02	6.97	.24
88/12/06	20:15	12/07	03:35	48-40.2S	110-00.1	3592	6.9	-3.0	14.5	12.46	6.13	34.02	6.98	.23
88/12/06	20:20	12/07	03:40	48-41.5S	110-00.1	3600	6.9	-3.0	14.5	12.46	6.13	34.02	6.98	.23
88/12/06	20:25	12/07	03:45	48-42.7S	110-00.1	3315	6.9	-3.0	14.4	12.53	6.13	34.02	6.98	.23
88/12/06	20:30	12/07	03:50	48-43.9S	110-00.0	3354	6.9	-3.0	14.1	12.46	6.21	33.93	6.98	.23
88/12/06	20:35	12/07	03:55	48-45.1S	110-00.0	3405	6.9	-3.0	14.8	12.46	6.21	33.93	7.01	.23
88/12/06	20:40	12/07	03:59	48-46.4S	109-59.9	3518	6.8	-3.0	14.5	12.46	6.21	33.93	7.01	.23
88/12/06	20:45	12/07	04:04	48-47.6S	109-59.9	3400	6.8	-3.0	14.4	12.46	6.13	34.02	6.98	.24
88/12/06	20:50	12/07	04:09	48-48.8S	109-59.9	3540	6.5	-3.0	14.5	12.53	6.13	34.02	6.99	.23
88/12/06	20:55	12/07	04:14	48-50.0S	109-59.9	3417	6.4	-3.0	14.7	12.46	6.05	34.10	7.01	.24
88/12/06	21:00	12/07	04:19	48-51.3S	109-59.9	3359	6.4	-3.0	14.7	12.38	6.13	34.02	7.01	.23
88/12/06	21:05	12/07	04:24	48-52.6S	109-59.8	3371	6.4	-3.0	14.8	12.46	5.89	33.96	6.97	.23
88/12/06	21:10	12/07	04:29	48-53.8S	109-59.8	3535	6.3	-3.0	13.9	12.46	5.56	34.01	6.89	.23
88/12/06	21:15	12/07	04:34	48-55.0S	109-59.8	3479	6.3	-3.0	14.7	12.53	5.48	33.94	6.92	.24
88/12/06	21:20	12/07	04:39	48-56.3S	109-59.8	3255	6.1	-3.0	14.5	12.53	5.40	33.87	6.96	.25
88/12/06	21:25	12/07	04:44	48-57.5S	109-59.8	3212	5.6	-3.0	14.4	12.46	5.32	33.95	6.98	.24
88/12/06	21:30	12/07	04:49	48-58.7S	109-59.8	0	5.2	-3.0	14.6	12.53	5.15	33.97	6.98	.24
88/12/06	21:35	12/07	04:54	48-59.9S	109-59.8	3371	4.5	-3.0	14.3	12.53	4.91	33.92	6.97	.24
88/12/06	21:40	12/07	05:00	49-01.1S	110-00.8	3222	4.5	-3.0	14.3	12.53	4.75	33.94	6.97	.24
88/12/06	21:45	12/07	05:05	49-02.3S	110-00.7	3163	4.8	-3.0	14.4	12.53	4.83	33.86	6.99	.23
88/12/06	21:50	12/07	05:10	49-03.6S	110-00.7	3444	5.2	-3.0	14.3	12.53	4.83	33.86	7.03	.23
88/12/06	21:55	12/07	05:15	49-04.8S	110-00.6	3395	5.4	-3.0	14.7	12.53	4.83	33.86	7.03	.22
88/12/06	22:00	12/07	05:20	49-06.0S	110-00.5	0	5.5	-3.0	14.3	12.53	4.83	33.86	7.08	.22
88/12/06	22:05	12/07	05:25	49-07.2S	110-00.4	3307	5.6	-3.0	14.1	12.53	4.83	33.86	7.10	.22
88/12/06	22:10	12/07	05:30	49-08.4S	110-00.4	0	5.7	-3.0	14.3	12.53	4.91	33.78	7.11	.22
88/12/06	22:15	12/07	05:35	49-09.6S	110-00.5	3485	5.8	-3.0	14.3	12.61	4.99	33.84	7.16	.22
88/12/06	22:20	12/07	05:40	49-10.8S	110-00.5	3265	5.8	-3.0	14.5	12.61	5.07	33.77	7.17	.22
88/12/06	22:25	12/07	05:45	49-12.0S	110-00.4	3187	5.8	-3.0	14.2	12.68	5.07	33.91	7.14	.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]
88/12/06	22:30	12/07	06:50	49-13.2S	110-00.4	3270	5.9	-3.0	13.9	12.61	4.99	33.84	7.14	.21
88/12/06	22:35	12/07	06:55	49-14.3S	110-00.3	3103	5.9	-3.0	13.2	12.61	4.99	33.84	7.17	.21
88/12/06	22:40	12/07	06:00	49-15.5S	110-00.2	3108	5.9	-3.0	14.4	12.68	4.99	33.84	7.19	.21
88/12/06	22:45	12/07	06:05	49-16.7S	110-00.1	0	5.9	-3.0	13.9	12.68	5.07	33.91	7.19	.21
88/12/06	22:50	12/07	06:10	49-17.9S	110-00.1	0	5.9	-3.0	14.1	12.68	5.07	33.91	7.17	.21
88/12/06	22:55	12/07	06:14	49-19.1S	109-80.0	0	5.9	-3.0	14.2	12.76	4.99	33.84	7.16	.21
88/12/06	23:00	12/07	06:19	49-20.3S	109-59.9	3277	5.9	-3.0	13.4	12.68	4.99	33.84	7.20	.21
88/12/06	23:05	12/07	06:24	49-21.4S	109-59.9	0	5.9	-3.0	13.4	12.76	4.99	33.84	7.18	.21
88/12/06	23:10	12/07	06:29	49-22.6S	109-59.8	3267	5.9	-3.0	13.6	12.76	5.07	33.91	7.20	.21
88/12/06	23:15	12/07	06:34	49-23.8S	109-59.8	3157	5.8	-3.0	14.0	12.76	5.07	33.91	7.18	.21
88/12/06	23:20	12/07	06:39	49-25.1S	109-59.0	0	5.8	-3.0	14.1	12.76	5.07	33.91	7.20	.21
88/12/06	23:25	12/07	06:44	49-26.3S	109-59.0	3120	5.8	-3.0	14.1	12.83	5.07	33.77	7.21	.21
88/12/06	23:30	12/07	06:49	49-27.5S	109-58.9	3080	5.8	-3.0	14.2	12.83	4.99	33.84	7.20	.21
88/12/06	23:35	12/07	06:54	49-28.7S	109-58.7	3346	5.8	-3.0	13.8	12.91	4.99	33.84	7.20	.21
88/12/06	23:40	12/07	06:59	49-29.7S	109-58.1	3079	5.8	-3.0	12.9	12.91	4.99	33.84	7.20	.21
88/12/06	23:45	12/07	07:04	49-30.7S	109-57.5	3160	5.8	-3.0	13.2	12.98	4.99	33.99	7.23	.21
88/12/06	23:50	12/07	07:09	49-31.7S	109-56.9	3350	5.7	-3.0	13.6	12.91	4.99	33.84	7.21	.21
88/12/06	23:55	12/07	07:14	49-32.8S	109-56.3	3258	5.6	-3.0	13.2	12.91	4.99	33.84	7.25	.21
88/12/07	00:00	12/07	07:19	49-33.8S	109-55.7	3192	5.6	-3.0	12.6	12.91	4.99	33.84	7.23	.21
88/12/07	00:05	12/07	07:24	49-34.8S	109-55.1	3048	5.3	-3.0	13.1	12.98	4.91	33.92	7.21	.21
88/12/07	00:10	12/07	07:29	49-35.8S	109-54.5	3362	4.9	-3.0	12.5	12.91	4.91	33.92	7.22	.22
88/12/07	00:15	12/07	07:34	49-36.8S	109-54.4	3243	4.9	-3.0	13.2	12.46	4.99	33.84	7.24	.22
88/12/07	00:20	12/07	07:39	49-38.0S	109-54.4	3194	5.0	-3.0	13.2	12.53	4.99	33.84	7.22	.21
88/12/07	00:25	12/07	07:44	49-39.8S	109-52.9	3325	5.1	-3.0	14.1	12.46	5.07	33.91	7.19	.21
88/12/07	00:30	12/07	07:49	49-40.8S	109-52.9	3248	5.1	-3.0	13.6	12.46	5.15	33.97	7.20	.21
88/12/07	00:35	12/07	07:54	49-42.0S	109-52.9	3171	5.0	-3.0	13.3	12.53	5.07	33.91	7.18	.21
88/12/07	00:40	12/07	07:59	49-43.2S	109-52.9	3210	5.1	-3.0	13.8	12.53	5.07	33.91	7.17	.21
88/12/07	00:45	12/07	08:04	49-44.3S	109-52.9	3042	5.2	-3.0	13.6	12.61	5.23	33.89	7.20	.20
88/12/07	00:50	12/07	08:09	49-45.5S	109-52.9	3100	4.5	-3.0	13.7	12.53	5.56	34.01	7.25	.21
88/12/07	00:55	12/07	08:14	49-46.8S	109-52.7	3139	4.3	-3.0	14.0	12.53	5.64	34.07	7.23	.22
88/12/07	01:00	12/07	08:19	49-48.0S	109-52.8	3195	4.8	-3.0	14.1	12.61	5.72	33.98	7.23	.22
88/12/07	01:05	12/07	08:24	49-49.2S	109-52.9	3163	5.0	-3.0	13.9	12.53	5.89	33.96	7.25	.21
88/12/07	01:10	12/07	08:29	49-50.4S	109-53.1	3200	5.4	-3.0	14.0	12.68	5.89	33.96	7.22	.21
88/12/07	01:15	12/07	08:34	49-51.6S	109-53.2	3200	5.5	-3.0	14.0	12.53	5.97	34.04	7.22	.21
88/12/07	01:20	12/07	08:39	49-52.8S	109-53.4	3227	5.6	-3.0	13.8	12.53	5.97	34.04	7.20	.21
88/12/07	01:25	12/07	08:44	49-54.0S	109-53.5	3277	5.6	-3.0	13.7	12.53	5.97	34.04	7.17	.21
88/12/07	01:30	12/07	08:49	49-55.1S	109-53.7	3315	5.6	-3.0	13.4	12.53	6.05	33.95	7.18	.21
88/12/07	01:35	12/07	08:54	49-56.3S	109-53.9	3100	5.1	-3.0	13.6	12.46	6.05	33.95	7.17	.21
88/12/07	01:40	12/07	08:59	49-57.5S	109-54.0	3119	4.6	-3.0	13.4	12.53	5.97	34.04	7.15	.23
88/12/07	01:45	12/07	09:04	49-58.7S	109-53.8	3057	4.5	-3.0	13.2	12.46	5.97	34.04	7.13	.22
88/12/07	01:50	12/07	09:09	49-59.9S	109-54.0	3150	4.5	-3.0	13.5	12.61	6.05	33.95	7.12	.21
88/12/07	01:55	12/07	09:14	50-01.1S	109-54.1	3355	4.8	-3.0	13.8	12.46	5.97	34.04	7.13	.21
88/12/07	02:00	12/07	09:19	50-02.4S	109-54.3	3228	5.1	-3.0	13.1	12.46	5.97	34.04	7.09	.21
88/12/07	02:05	12/07	09:24	50-03.6S	109-54.4	3400	5.2	-3.0	14.2	12.46	5.81	34.05	7.03	.20
88/12/07	02:10	12/07	09:29	50-04.9S	109-54.5	3222	5.3	-3.0	14.6	12.53	5.81	34.05	7.04	.20
88/12/07	02:15	12/07	09:34	50-05.8S	109-54.9	3180	5.5	-3.0	13.7	12.53	5.81	34.05	7.04	.20
88/12/07	02:20	12/07	09:39	50-07.0S	109-55.0	3338	5.4	-3.0	14.2	12.53	5.81	33.90	7.07	.20
88/12/07	02:25	12/07	09:44	50-08.2S	109-55.2	3513	4.7	-3.0	13.5	12.53	5.72	33.98	7.06	.21
88/12/07	02:30	12/07	09:49	50-09.4S	109-55.4	3400	4.7	-3.0	14.2	12.53	5.72	33.98	7.08	.21
88/12/07	02:35	12/07	09:54	50-10.6S	109-55.5	3241	4.5	-3.0	14.1	12.61	5.81	34.05	7.10	.20
88/12/07	02:40	12/07	09:59	50-11.8S	109-55.7	3221	4.5	-3.0	14.1	12.46	5.81	34.05	7.10	.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]
88/12/07	02:45	12/07	10:04	50-13.1S	109-55.8	3333	4.5	-3.0	14.6	12.46	5.72	33.98	7.07	.21
88/12/07	02:50	12/07	10:09	50-14.3S	109-56.0	3251	4.6	-3.0	14.1	12.46	5.64	34.07	7.08	.20
88/12/07	02:55	12/07	10:14	50-15.5S	109-56.1	3214	4.8	-3.0	14.6	12.46	5.56	34.01	7.03	.20
88/12/07	03:00	12/07	10:19	50-16.8S	109-56.3	3280	5.0	-3.0	14.0	12.46	5.48	33.94	7.04	.20
88/12/07	03:05	12/07	10:24	50-18.0S	109-56.5	3181	5.1	-3.0	14.4	12.46	5.48	33.94	7.04	.20
88/12/07	03:10	12/07	10:29	50-19.3S	109-56.6	3111	5.2	-3.0	13.9	12.46	5.40	34.03	7.05	.20
88/12/07	03:15	12/07	10:34	50-20.5S	109-56.8	3202	5.2	-3.0	14.1	12.46	5.40	34.03	7.07	.20
88/12/07	03:20	12/07	10:39	50-21.7S	109-56.9	3188	5.2	-3.0	14.1	12.53	5.48	33.94	7.09	.20
88/12/07	03:25	12/07	10:44	50-23.0S	109-57.1	3243	5.2	-3.0	14.3	12.53	5.40	34.03	7.08	.20
88/12/07	03:30	12/07	10:49	50-24.2S	109-57.2	3225	5.2	-3.0	13.9	12.53	5.15	33.97	7.05	.20
88/12/07	03:35	12/07	10:54	50-25.3S	109-58.9	3268	5.3	-3.0	14.4	12.53	5.07	33.91	7.03	.20
88/12/07	03:40	12/07	10:59	50-26.6S	109-59.2	3300	5.2	-3.0	14.3	12.53	4.99	33.84	7.03	.20
88/12/07	03:45	12/07	11:04	50-27.8S	109-59.3	3200	5.2	-3.0	14.3	12.61	4.91	33.92	7.06	.20
88/12/07	03:50	12/07	11:09	50-29.0S	109-59.5	3200	4.7	-3.0	14.1	12.53	4.91	33.78	7.04	.20
88/12/07	03:55	12/07	11:14	50-30.2S	109-59.7	3400	4.5	-3.0	14.0	12.46	4.83	33.86	7.04	.21
88/12/07	04:00	12/07	11:19	50-31.1S	109-59.8	0	4.7	-3.0	14.2	12.53	4.83	33.86	7.05	.21
88/12/07	04:05	12/07	11:24	50-32.2S	109-59.9	3307	4.8	-3.0	14.1	12.53	4.75	33.94	7.07	.21
88/12/07	04:10	12/07	11:29	50-33.4S	109-59.8	0	4.7	-3.0	13.3	12.53	4.75	33.94	7.07	.21
88/12/07	04:15	12/07	11:34	50-34.6S	109-59.8	3269	4.9	-3.0	13.7	12.53	4.75	33.94	7.08	.21
88/12/07	04:20	12/07	11:39	50-35.7S	109-59.7	3100	4.9	-3.0	13.6	12.38	4.75	33.94	7.07	.21
88/12/07	04:25	12/07	11:44	50-36.9S	109-59.7	3100	4.8	-3.0	13.5	12.38	4.75	33.94	7.07	.21
88/12/07	04:30	12/07	11:49	50-38.5S	109-59.9	3375	4.7	-3.0	14.1	12.38	4.75	33.94	7.08	.20
88/12/07	04:35	12/07	11:55	50-39.7S	110-00.0	3500	4.7	-3.0	13.9	12.46	4.83	33.86	7.11	.20
88/12/07	04:40	12/07	11:59	50-40.9S	109-60.0	3500	4.7	-3.0	13.7	12.38	4.83	33.86	7.10	.20
88/12/07	04:45	12/07	12:05	50-42.1S	110-00.0	3300	4.7	-3.0	13.9	12.46	4.83	33.86	7.10	.20
88/12/07	04:50	12/07	12:10	50-43.2S	110-00.1	3280	4.8	-3.0	13.6	12.38	4.83	33.86	7.09	.20
88/12/07	04:55	12/07	12:15	50-43.9S	110-00.0	3300	4.8	-3.0	1.3	12.38	4.83	33.86	7.08	.20
88/12/07	05:00	12/07	12:19	50-44.2S	109-59.9	3300	4.8	-3.0	1.1	12.38	4.75	33.94	7.20	.21
88/12/07	05:05	12/07	12:25	50-44.3S	110-00.1	3166	4.9	-3.0	1.2	12.31	4.75	33.94	7.09	.21
88/12/07	05:10	12/07	12:30	50-44.5S	110-00.2	3191	4.9	-3.0	1.0	12.31	4.83	33.86	7.11	.21
88/12/07	05:15	12/07	12:35	50-44.6S	110-00.3	3282	5.2	-3.0	1.1	12.31	4.75	33.94	7.10	.20
88/12/07	05:20	12/07	12:40	50-44.7S	110-00.4	3191	5.5	-3.0	.8	12.38	4.75	33.94	7.11	.20
88/12/07	05:25	12/07	12:45	50-44.6S	110-00.9	3261	5.4	-3.0	.9	12.31	4.83	33.86	7.10	.21
88/12/07	05:30	12/07	12:50	50-44.7S	110-01.1	3303	5.5	-3.0	.7	12.38	4.83	33.86	7.08	.21
88/12/07	05:35	12/07	12:55	50-44.8S	110-01.2	3133	5.7	-3.0	.9	12.38	4.83	33.86	7.10	.21
88/12/07	05:40	12/07	13:00	50-44.9S	110-01.4	3164	5.7	-3.0	.8	12.38	4.83	33.86	7.08	.20
88/12/07	05:45	12/07	13:05	50-45.0S	110-01.5	3133	5.7	-3.0	1.0	12.38	4.83	33.86	7.08	.21
88/12/07	05:50	12/07	13:10	50-45.1S	110-01.7	3133	5.6	-3.0	.9	12.38	4.83	33.86	7.07	.21
88/12/07	05:55	12/07	13:15	50-45.2S	110-01.9	3140	5.6	-3.0	.9	12.46	4.83	33.86	7.06	.21
88/12/07	06:00	12/07	13:20	50-45.3S	110-02.0	3238	5.8	-3.0	.9	12.61	4.83	33.86	7.05	.21
88/12/07	06:05	12/07	13:25	50-45.4S	110-02.2	3241	5.9	-3.0	1.2	12.46	4.83	33.86	7.06	.21
88/12/07	06:10	12/07	13:30	50-45.5S	110-02.4	3211	6.0	-3.0	1.2	12.46	4.83	33.86	7.04	.21
88/12/07	06:15	12/07	13:35	50-45.7S	110-02.6	3257	5.9	-3.0	.9	12.53	4.83	33.86	7.03	.21
88/12/07	06:20	12/07	13:40	50-45.7S	110-02.8	3241	5.9	-3.0	1.0	12.53	4.83	33.86	7.03	.21
88/12/07	06:25	12/07	13:45	50-45.8S	110-02.9	3285	5.9	-3.0	1.1	12.46	4.83	33.86	7.03	.21
88/12/07	06:30	12/07	13:50	50-46.0S	110-03.1	3296	5.9	-3.0	.9	12.46	4.83	33.86	7.03	.21
88/12/07	06:35	12/07	13:55	50-46.1S	110-03.3	3367	5.9	-3.0	.9	12.46	4.83	33.86	7.02	.21
88/12/07	06:40	12/07	14:00	50-46.2S	110-03.5	3364	5.8	-3.0	.9	12.46	4.83	33.86	6.99	.21
88/12/07	06:45	12/07	14:05	50-46.3S	110-03.6	3323	5.8	-3.0	.9	12.46	4.83	33.86	6.97	.21
88/12/07	06:50	12/07	14:10	50-45.3S	110-05.6	3332	5.0	-3.0	1.0	12.46	4.83	33.86	6.96	.21
88/12/07	06:55	12/07	14:15	50-45.4S	110-05.9	3341	5.7	-3.0	1.0	12.46	4.83	33.86	6.96	.22



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]
88/12/07	07:00	12/07	14:20	50-45.4S	110-06.2	3342	5.7	-3.0	.9	12.46	4.83	33.86	6.94	.22
88/12/07	07:05	12/07	14:25	50-45.5S	110-06.4	3400	5.8	-3.0	.8	12.46	4.83	33.86	6.93	.22
88/12/07	07:10	12/07	14:30	50-45.6S	110-06.6	0	5.7	-3.0	.8	12.38	4.83	33.86	6.93	.22
88/12/07	07:15	12/07	14:35	50-45.6S	110-06.8	3336	5.6	-3.0	.8	12.38	4.83	33.86	6.94	.22
88/12/07	07:20	12/07	14:40	50-45.7S	110-07.1	3400	5.8	-3.0	.9	12.46	4.83	33.86	6.92	.22
88/12/07	07:25	12/07	14:45	50-45.7S	110-07.3	3327	5.8	-3.0	1.1	12.38	4.83	33.86	6.90	.22
88/12/07	07:30	12/07	14:50	50-45.8S	110-07.6	3307	5.1	-3.0	1.1	12.38	4.83	33.86	6.92	.22
88/12/07	07:35	12/07	14:55	50-45.9S	110-07.8	3295	4.8	-3.0	1.0	12.38	4.83	33.86	6.90	.22
88/12/07	07:40	12/07	15:00	50-46.0S	110-08.0	3292	4.8	-3.0	1.0	12.38	4.83	33.86	6.89	.23
88/12/07	07:45	12/07	15:05	50-46.0S	110-08.3	3305	4.7	-3.0	.9	12.38	4.83	33.86	6.89	.23
88/12/07	07:50	12/07	15:10	50-46.8S	110-08.0	3313	4.9	-3.0	.9	12.38	4.83	33.86	6.88	.23
88/12/07	07:55	12/07	15:15	50-46.8S	110-08.2	3310	5.1	-3.0	.7	12.38	4.83	33.86	6.89	.23
88/12/07	08:00	12/07	15:20	50-46.9S	110-08.4	3334	5.4	-3.0	.9	12.38	4.83	33.86	6.91	.23
88/12/07	08:05	12/07	15:25	50-46.0S	110-08.6	3332	5.7	-3.0	.8	12.38	4.83	33.86	6.88	.23
88/12/07	08:10	12/07	15:30	50-46.0S	110-08.8	3349	5.8	-3.0	.8	12.38	4.83	33.86	6.89	.24
88/12/07	08:15	12/07	15:35	50-46.0S	110-09.1	3360	5.8	-3.0	1.0	12.38	4.83	33.86	6.87	.24
88/12/07	08:20	12/07	15:40	50-46.1S	110-09.3	3400	5.8	-3.0	.8	12.38	4.83	33.86	6.87	.24
88/12/07	08:25	12/07	15:45	50-46.1S	110-09.5	3200	5.7	-3.0	1.0	12.38	4.83	33.86	6.88	.24
88/12/07	08:30	12/07	15:50	50-46.2S	110-09.7	3100	5.8	-3.0	1.0	12.38	4.83	33.86	6.89	.24
88/12/07	08:35	12/07	15:55	50-46.3S	110-10.0	3340	5.6	-3.0	1.4	12.38	4.83	33.86	6.88	.24
88/12/07	08:40	12/07	16:00	50-46.4S	110-10.3	3340	5.8	-3.0	3.0	12.31	4.91	33.92	6.89	.24
88/12/07	08:45	12/07	16:05	50-46.7S	110-10.3	3340	5.5	-3.0	5.8	12.31	4.91	33.78	6.89	.25
88/12/07	08:50	12/07	16:10	50-47.3S	110-10.3	3340	5.3	-3.0	8.7	12.46	4.91	33.92	6.97	.25
88/12/07	08:55	12/07	16:15	50-48.1S	110-10.1	3100	5.3	-3.0	8.6	12.38	4.83	33.86	6.87	.25
88/12/07	09:00	12/07	16:20	50-48.7S	110-10.1	3400	5.3	-3.0	8.9	12.38	4.83	33.86	6.89	.25
88/12/07	09:05	12/07	16:25	50-49.4S	110-10.0	3200	5.2	-3.0	9.1	12.31	4.83	33.86	6.89	.25
88/12/07	09:10	12/07	16:30	50-50.3S	110-09.8	2984	5.1	-3.0	11.4	12.38	4.75	33.94	6.86	.25
88/12/07	09:15	12/07	16:35	50-51.3S	110-09.7	3300	5.0	-3.0	11.6	12.38	4.75	33.94	6.89	.25
88/12/07	09:20	12/07	16:40	50-52.1S	110-09.4	3366	4.7	-3.0	11.0	12.46	4.75	33.80	6.89	.26
88/12/07	09:25	12/07	16:45	50-53.1S	110-08.9	3250	4.7	-3.0	12.3	12.38	4.59	33.96	6.88	.26
88/12/07	09:30	12/07	16:50	50-53.9S	110-08.5	3300	4.7	-3.0	11.6	12.38	4.51	34.05	6.90	.27
88/12/07	09:35	12/07	16:55	50-55.7S	110-08.8	0	4.8	-3.0	11.3	12.38	4.51	34.05	6.91	.27
88/12/07	09:40	12/07	17:00	50-56.6S	110-08.2	3192	4.5	-3.0	12.9	12.38	4.51	34.05	6.91	.27
88/12/07	09:45	12/07	17:05	50-57.5S	110-07.4	3551	4.4	-3.0	13.1	12.46	4.43	33.97	6.91	.28
88/12/07	09:50	12/07	17:10	50-58.5S	110-06.7	3604	4.2	-3.0	12.6	12.46	4.35	33.91	6.91	.29
88/12/07	09:55	12/07	17:15	50-59.4S	110-05.9	3582	3.4	-3.0	12.7	12.46	4.35	33.91	6.93	.29
88/12/07	10:00	12/07	17:20	51-00.4S	110-05.2	3507	2.2	-3.0	12.8	12.46	4.35	33.91	6.96	.31
88/12/07	10:05	12/07	17:25	51-01.3S	110-04.5	3445	2.1	-3.0	13.5	12.46	4.27	33.99	6.99	.30
88/12/07	10:10	12/07	17:30	51-02.3S	110-03.7	3620	2.5	-3.0	12.8	12.53	4.27	33.99	7.01	.29
88/12/07	10:15	12/07	17:35	51-03.2S	110-03.0	3459	2.9	-3.0	13.2	12.76	4.27	33.84	7.06	.29
88/12/07	10:20	12/07	17:40	51-04.1S	110-02.3	3316	3.2	-3.0	12.6	12.53	4.27	33.84	7.10	.29
88/12/07	10:25	12/07	17:45	51-05.5S	110-00.1	3622	3.3	-3.0	12.7	12.61	4.27	33.84	7.08	.29
88/12/07	10:30	12/07	17:49	51-06.5S	109-59.4	3820	3.5	-3.0	13.4	12.61	4.27	33.99	7.10	.29
88/12/07	10:35	12/07	17:54	51-07.7S	109-59.4	3700	7.9	-3.0	14.1	12.61	4.27	33.84	7.10	.28
88/12/07	10:40	12/07	17:59	51-08.9S	109-59.4	4800	4.0	-3.0	13.9	12.61	4.18	33.92	7.10	.29
88/12/07	10:45	12/07	18:04	51-10.1S	109-59.5	3736	3.9	-3.0	14.3	12.61	4.18	33.92	7.10	.31
88/12/07	10:50	12/07	18:09	51-11.3S	109-59.5	3070	3.9	-3.0	14.0	12.61	4.18	33.92	7.10	.30
88/12/07	10:55	12/07	18:14	51-12.5S	109-59.5	3120	3.8	-3.0	14.0	12.68	4.18	33.92	7.11	.30
88/12/07	11:00	12/07	18:19	51-13.7S	109-59.6	3615	3.9	-3.0	14.1	12.76	4.27	33.84	7.13	.30
88/12/07	11:05	12/07	18:24	51-14.9S	109-59.6	3600	4.1	-3.0	14.3	12.76	4.27	33.99	7.17	.29
88/12/07	11:10	12/07	18:29	51-16.1S	109-59.6	3473	4.1	-3.0	13.6	12.76	4.27	33.84	7.17	.30

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]
88/12/07	11:15	12/07	18:34	51-17.3S	109-59.7	3439	4.1	-3.0	13.6	12.83	4.10	34.01	7.13	.30
88/12/07	11:20	12/07	18:39	51-18.7S	109-59.6	3250	4.0	-3.0	13.6	12.83	4.10	33.86	7.12	.31
88/12/07	11:25	12/07	18:44	51-19.8S	109-59.6	3250	4.1	-3.0	14.0	12.83	4.02	33.94	7.13	.30
88/12/07	11:30	12/07	18:49	51-21.1S	109-59.7	0	3.7	-3.0	14.2	12.91	3.94	33.87	7.13	.30
88/12/07	11:35	12/07	18:54	51-22.3S	109-59.8	3250	3.7	-3.0	14.0	12.91	4.02	33.94	7.18	.30
88/12/07	11:40	12/07	18:59	51-23.6S	109-59.9	3250	3.7	-3.0	13.7	12.91	4.02	33.94	7.17	.31
88/12/07	11:45	12/07	19:04	51-24.6S	109-59.7	3350	3.6	-3.0	13.3	12.91	3.94	34.03	7.18	.31
88/12/07	11:50	12/07	19:09	51-25.6S	109-59.2	3325	3.6	-3.0	13.0	12.98	3.86	33.95	7.17	.31
88/12/07	11:55	12/07	19:14	51-26.7S	109-58.6	3650	3.6	-3.0	12.4	12.98	3.70	33.97	7.17	.32
88/12/07	12:00	12/07	19:19	51-27.7S	109-58.1	3462	3.6	-3.0	12.4	13.13	3.62	33.90	7.20	.32
88/12/07	12:05	12/07	19:24	51-28.7S	109-57.6	3700	3.6	-3.0	13.1	13.06	3.62	33.90	7.25	.32
88/12/07	12:10	12/07	19:29	51-29.8S	109-57.1	0	3.6	-3.0	12.6	13.13	3.62	33.90	7.24	.32
88/12/07	12:15	12/07	19:34	51-30.8S	109-56.5	2749	3.6	-3.0	13.1	13.13	3.62	33.90	7.28	.32
88/12/07	12:20	12/07	19:39	51-31.9S	109-56.0	2800	3.5	-3.0	13.3	13.13	3.70	33.82	7.30	.32
88/12/07	12:25	12/07	19:44	51-32.9S	109-55.4	2500	3.5	-3.0	13.0	13.21	3.70	33.82	7.32	.32
88/12/07	12:30	12/07	19:49	51-34.0S	109-54.9	2500	3.5	-3.0	13.0	13.28	3.62	33.90	7.33	.31
88/12/07	12:35	12/07	19:54	51-35.0S	109-54.4	2459	3.5	-3.0	12.9	13.28	3.62	33.90	7.33	.31
88/12/07	12:40	12/07	19:59	51-36.2S	109-54.4	3000	3.5	-3.0	13.4	13.28	3.62	33.90	7.34	.31
88/12/07	12:45	12/07	20:04	51-37.3S	109-54.4	2901	3.5	-3.0	13.2	12.98	3.70	33.82	7.34	.31
88/12/07	12:50	12/07	20:09	51-38.6S	109-54.5	3600	3.6	-3.0	13.3	12.53	3.70	33.97	7.36	.31
88/12/07	12:55	12/07	20:14	51-39.7S	109-54.5	3983	3.6	-3.0	13.2	12.46	3.78	33.89	7.39	.31
88/12/07	13:00	12/07	20:19	51-40.8S	109-54.5	4100	3.6	-3.0	13.3	12.46	3.78	33.89	7.37	.31
88/12/07	13:05	12/07	20:24	51-42.0S	109-54.6	4000	3.6	-3.0	13.8	12.53	3.86	33.81	7.38	.30
88/12/07	13:10	12/07	20:29	51-43.2S	109-54.6	3512	3.6	-3.0	14.0	12.61	3.86	33.81	7.36	.30
88/12/07	13:15	12/07	20:34	51-44.4S	109-54.7	3213	3.6	-3.0	13.4	12.68	3.78	33.89	7.36	.30
88/12/07	13:20	12/07	20:39	51-45.6S	109-54.7	3200	3.7	-3.0	13.0	12.68	3.70	33.97	7.33	.30
88/12/07	13:25	12/07	20:44	51-46.7S	109-54.7	3200	3.7	-3.0	14.0	12.76	3.70	33.82	7.32	.30
88/12/07	13:30	12/07	20:49	51-47.9S	109-54.8	3200	3.7	-3.0	13.2	12.76	3.70	33.82	7.34	.30
88/12/07	13:35	12/07	20:54	51-49.0S	109-54.8	3682	3.7	-3.0	13.5	12.76	3.70	33.82	7.35	.31
88/12/07	13:40	12/07	20:59	51-50.2S	109-54.8	3300	3.7	-3.0	13.7	12.83	3.78	33.89	7.41	.30
88/12/07	13:45	12/07	21:04	51-51.4S	109-54.9	3600	3.7	-3.0	13.2	12.83	3.78	33.89	7.43	.30
88/12/07	13:50	12/07	21:09	51-52.6S	109-54.9	3525	3.7	-3.0	13.3	12.91	3.78	33.89	7.41	.30
88/12/07	13:55	12/07	21:14	51-55.0S	109-55.3	3600	3.6	-3.0	14.1	12.91	3.70	33.82	7.38	.30
88/12/07	14:00	12/07	21:19	51-56.2S	109-55.4	0	3.6	-3.0	13.8	12.91	3.62	33.90	7.39	.30
88/12/07	14:05	12/07	21:24	51-57.4S	109-55.4	3409	3.5	-3.0	13.3	12.98	3.62	33.90	7.36	.29
88/12/07	14:10	12/07	21:29	51-58.6S	109-55.4	4300	2.7	-3.0	13.8	12.98	3.53	33.83	7.37	.29
88/12/07	14:15	12/07	21:34	51-59.9S	109-55.5	4500	2.6	-3.0	13.4	13.06	3.53	33.83	7.39	.29
88/12/07	14:20	12/07	21:39	52-01.1S	109-55.6	4176	2.6	-3.0	13.5	12.76	3.53	33.83	7.39	.29
88/12/07	14:25	12/07	21:44	52-02.3S	109-55.6	3890	2.7	-3.0	14.0	12.53	3.53	33.83	7.36	.28
88/12/07	14:30	12/07	21:49	52-03.6S	109-55.7	3983	2.7	-3.0	13.4	12.53	3.53	33.83	7.39	.28
88/12/07	14:35	12/07	21:54	52-04.7S	109-55.7	3622	2.8	-3.0	13.6	12.53	3.45	33.92	7.38	.28
88/12/07	14:40	12/07	21:59	52-05.9S	109-55.7	4000	2.9	-3.0	13.3	12.53	3.45	33.77	7.36	.28
88/12/07	14:45	12/07	22:04	52-07.2S	109-55.8	3675	2.9	-3.0	13.5	12.53	3.37	33.85	7.38	.28
88/12/07	14:50	12/07	22:09	52-08.4S	109-55.9	3949	2.4	-3.0	13.8	12.61	3.29	33.93	7.38	.28
88/12/07	14:55	12/07	22:14	52-09.2S	109-55.8	3917	2.4	-3.0	13.5	12.61	3.21	33.86	7.36	.28
88/12/07	15:00	12/07	22:19	52-10.4S	109-55.9	4000	2.4	-3.0	14.2	12.68	3.12	33.94	7.36	.29
88/12/07	15:05	12/07	22:24	52-11.6S	109-55.9	3900	2.5	-3.0	13.5	12.68	3.04	33.88	7.39	.31
88/12/07	15:10	12/07	22:29	52-12.8S	109-56.0	3900	2.7	-3.0	14.0	12.76	3.04	33.88	7.37	.29
88/12/07	15:15	12/07	22:34	52-14.1S	109-56.0	0	2.8	-3.0	13.4	12.76	3.04	33.88	7.40	.29
88/12/07	15:20	12/07	22:39	52-15.6S	109-56.5	3112	3.0	-3.0	13.2	12.76	2.96	33.96	7.44	.30
88/12/07	15:25	12/07	22:44	52-16.7S	109-56.6	2743	3.1	-3.0	13.1	12.76	2.96	33.81	7.43	.30

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]
88/12/07	15:30	12/07	22:49	52-17.9S	109-56.6	3408	3.1	-3.0	13.1	12.76	2.88	33.89	7.45	.30
88/12/07	15:35	12/07	22:54	52-19.1S	109-56.8	3803	3.2	-3.0	14.0	12.76	2.88	33.89	7.46	.29
88/12/07	15:40	12/07	22:59	52-20.3S	109-56.8	3991	3.3	-3.0	13.5	12.76	2.88	33.89	7.45	.29
88/12/07	15:45	12/07	23:04	52-21.1S	109-56.9	3500	2.9	-3.0	13.3	12.76	2.88	33.89	7.44	.28
88/12/07	15:50	12/07	23:09	52-22.3S	109-56.9	3758	2.8	-3.0	13.5	12.76	2.88	33.89	7.45	.28
88/12/07	15:55	12/07	23:14	52-23.5S	109-57.1	3500	2.8	-3.0	14.0	12.76	2.88	33.89	7.46	.28
88/12/07	16:00	12/07	23:19	52-24.7S	109-57.1	3500	2.9	-3.0	13.6	12.76	2.88	33.89	7.48	.28
88/12/07	16:05	12/07	23:24	52-25.9S	109-57.2	3500	2.9	-3.0	14.0	12.76	2.88	33.89	7.48	.28
88/12/07	16:10	12/07	23:29	52-27.1S	109-57.2	3399	2.9	-3.0	13.7	12.76	2.88	33.89	7.48	.28
88/12/07	16:15	12/07	23:34	52-28.3S	109-57.4	0	3.0	-3.0	13.3	12.83	2.80	33.97	7.48	.28
88/12/07	16:20	12/07	23:39	52-29.5S	109-57.4	4000	3.0	-3.0	13.8	12.83	2.72	33.90	7.48	.29
88/12/07	16:25	12/07	23:44	52-30.7S	109-57.5	4000	3.0	-3.0	14.2	12.83	2.72	33.90	7.54	.31
88/12/07	16:30	12/07	23:49	52-31.9S	109-57.5	0	3.0	-3.0	13.7	12.83	2.72	33.90	7.51	.30
88/12/07	16:35	12/07	23:54	52-33.1S	109-57.7	4000	3.0	-3.0	13.3	12.83	2.72	33.90	7.52	.28
88/12/07	16:40	12/07	23:59	52-34.4S	109-57.7	4000	3.1	-3.0	14.4	12.83	2.72	33.90	7.51	.28
88/12/07	16:45	12/08	00:04	52-35.6S	109-58.1	3806	2.7	-3.0	13.3	12.83	2.56	33.92	7.51	.27
88/12/07	16:50	12/08	00:09	52-36.2S	109-58.1	4000	2.6	-3.0	14.3	12.91	2.64	33.83	7.52	.28
88/12/07	16:55	12/08	00:14	52-37.4S	109-58.2	4300	2.6	-3.0	14.0	12.91	2.64	33.83	7.53	.28
88/12/07	17:00	12/08	00:19	52-38.6S	109-58.3	4000	2.6	-3.0	13.3	12.83	2.64	33.83	7.54	.29
88/12/07	17:05	12/08	00:24	52-39.7S	109-58.4	0	2.4	-3.0	13.9	12.83	2.56	33.92	7.54	.28
88/12/07	17:10	12/08	00:29	52-40.9S	109-58.5	3102	2.2	-3.0	13.7	12.83	2.48	33.85	7.50	.25
88/12/07	17:15	12/08	00:34	52-42.1S	109-58.6	3200	2.3	-3.0	13.5	12.83	2.56	33.92	7.51	.27
88/12/07	17:20	12/08	00:39	52-43.3S	109-58.7	2828	2.4	-3.0	14.2	12.76	2.56	33.92	7.52	.27
88/12/07	17:25	12/08	00:44	52-44.5S	109-58.7	3500	2.4	-3.0	13.5	12.83	2.64	33.83	7.58	.29
88/12/07	17:30	12/08	00:49	52-45.7S	109-58.9	0	2.5	-3.0	14.0	12.83	2.64	33.83	7.58	.29
88/12/07	17:35	12/08	00:54	52-46.9S	109-58.9	2409	2.6	-3.0	13.5	12.83	2.72	33.90	7.59	.28
88/12/07	17:40	12/08	00:59	52-48.1S	109-59.0	0	2.7	-3.0	13.2	12.83	2.72	33.90	7.60	.29
88/12/07	17:45	12/08	01:04	52-49.3S	109-59.1	3800	2.7	-3.0	14.2	12.83	2.72	33.90	7.58	.29
88/12/07	17:50	12/08	01:09	52-50.4S	109-59.2	3737	2.8	-3.0	13.6	12.83	2.72	33.90	7.60	.28
88/12/07	17:55	12/08	01:14	52-51.6S	109-59.3	4500	2.9	-3.0	14.1	12.83	2.64	33.83	7.58	.28
88/12/07	18:00	12/08	01:19	52-52.8S	109-59.3	3100	2.9	-3.0	14.3	12.83	2.64	33.83	7.58	.28
88/12/07	18:05	12/08	01:24	52-53.4S	109-57.1	3400	2.9	-3.0	13.3	12.83	2.64	33.99	7.60	.28
88/12/07	18:10	12/08	01:29	52-54.5S	109-57.1	0	2.0	-3.0	14.0	12.91	2.64	33.83	7.60	.28
88/12/07	18:15	12/08	01:34	52-55.7S	109-57.2	3600	2.8	-3.0	14.0	12.91	2.72	33.90	7.63	.28
88/12/07	18:20	12/08	01:39	52-56.9S	109-57.2	3000	2.9	-3.0	14.6	12.91	2.72	33.90	7.62	.28
88/12/07	18:25	12/08	01:44	52-58.1S	109-57.3	3000	3.0	-3.0	14.1	12.91	2.72	33.90	7.63	.28
88/12/07	18:30	12/08	01:49	52-59.0S	109-57.8	4500	3.1	-3.0	14.3	12.91	2.80	33.82	7.64	.28
88/12/07	18:35	12/08	01:54	53-00.2S	109-57.8	3761	3.1	-3.0	14.0	12.91	2.80	33.82	7.64	.27
88/12/07	18:40	12/08	01:59	53-01.4S	109-58.0	4000	3.1	-3.0	14.0	12.91	2.80	33.97	7.62	.27
88/12/07	18:45	12/08	02:04	53-02.6S	109-57.6	2093	2.3	-3.0	13.3	12.91	2.80	33.97	7.60	.27
88/12/07	18:50	12/08	02:09	53-03.8S	109-57.8	3251	1.7	-3.0	14.1	12.91	2.88	33.89	7.63	.26
88/12/07	18:55	12/08	02:14	53-04.9S	109-57.9	2700	1.6	-3.0	14.3	12.91	2.80	33.82	7.63	.27
88/12/07	19:00	12/08	02:19	53-06.1S	109-58.1	2800	1.9	-3.0	14.4	12.91	2.80	33.97	7.63	.27
88/12/07	19:05	12/08	02:24	53-07.3S	109-58.3	2800	2.2	-3.0	13.2	12.91	2.88	33.89	7.62	.27
88/12/07	19:10	12/08	02:29	53-08.5S	109-58.4	3000	2.4	-3.0	14.3	12.91	2.88	33.89	7.61	.26
88/12/07	19:15	12/08	02:34	53-09.7S	109-58.6	1741	2.4	-3.0	14.4	12.91	2.80	33.97	7.59	.26
88/12/07	19:20	12/08	02:39	53-10.9S	109-58.7	2400	2.5	-3.0	14.3	12.91	2.72	33.90	7.58	.26
88/12/07	19:25	12/08	02:44	53-12.1S	109-58.9	2400	2.5	-3.0	14.3	12.91	2.72	33.90	7.57	.26
88/12/07	19:30	12/08	02:49	53-13.2S	109-59.0	0	2.6	-3.0	14.4	12.91	2.72	33.90	7.60	.26
88/12/07	19:35	12/08	02:54	53-14.4S	109-59.6	0	2.6	-3.0	14.4	12.91	2.72	33.90	7.59	.26
88/12/07	19:40	12/08	02:59	53-15.7S	109-59.8	3800	2.6	-3.0	14.7	12.91	2.72	33.90	7.59	.28

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]
88/12/07	19:45	12/08	03:04	53-16.6S	109-59.9	4500	2.7	-3.0	13.9	12.91	2.72	33.90	7.59	.25
88/12/07	19:50	12/08	03:10	53-17.8S	110-00.1	2800	2.8	-3.0	14.2	12.91	2.64	33.99	7.59	.25
88/12/07	19:55	12/08	03:15	53-19.0S	110-00.2	1800	2.8	-3.0	14.2	12.98	2.48	33.85	7.55	.25
88/12/07	20:00	12/08	03:20	53-20.2S	110-00.2	1500	2.8	-3.0	13.9	12.91	2.48	33.85	7.57	.26
88/12/07	20:05	12/08	03:25	53-21.4S	110-00.2	0	2.8	-3.0	14.4	12.91	2.40	33.93	7.58	.26
88/12/07	20:10	12/08	03:30	53-22.6S	110-00.2	1800	2.8	-3.0	14.1	12.91	2.40	33.93	7.61	.26
88/12/07	20:15	12/08	03:35	53-23.8S	110-00.2	3808	2.7	-3.0	14.0	12.98	2.40	33.93	7.61	.26
88/12/07	20:20	12/08	03:40	53-25.0S	110-00.3	3300	2.7	-3.0	14.3	12.98	2.40	33.93	7.62	.26
88/12/07	20:25	12/08	03:45	53-26.2S	110-00.3	3700	2.7	-3.0	14.3	12.98	2.32	33.86	7.62	.26
88/12/07	20:30	12/08	03:50	53-27.6S	110-01.4	3958	2.7	-3.0	14.1	12.98	2.32	33.86	7.60	.26
88/12/07	20:35	12/08	03:55	53-29.0S	110-01.5	3590	2.7	-3.0	13.7	12.98	2.24	33.94	7.59	.26
88/12/07	20:40	12/08	04:00	53-30.2S	110-01.6	3517	2.7	-3.0	14.3	12.98	2.24	33.94	7.59	.26
88/12/07	20:45	12/08	04:05	53-31.4S	110-01.6	3600	2.7	-3.0	14.5	12.98	2.32	33.86	7.63	.25
88/12/07	20:50	12/08	04:10	53-32.6S	110-01.7	4004	2.7	-3.0	14.3	12.98	2.32	33.86	7.63	.25
88/12/07	20:55	12/08	04:15	53-33.7S	110-01.7	3856	2.7	-3.0	14.1	12.98	2.40	33.93	7.67	.25
88/12/07	21:00	12/08	04:20	53-34.9S	110-01.8	3574	2.5	-3.0	14.3	13.06	2.32	33.86	7.63	.25
88/12/07	21:05	12/08	04:25	53-36.1S	110-01.9	3760	2.2	-3.0	14.0	12.98	2.32	33.86	7.62	.26
88/12/07	21:10	12/08	04:30	53-37.1S	110-01.9	3804	2.1	-3.0	14.4	12.98	2.24	33.94	7.62	.25
88/12/07	21:15	12/08	04:35	53-38.3S	110-01.9	3800	2.2	-3.0	14.4	13.06	2.24	33.94	7.64	.26
88/12/07	21:20	12/08	04:40	53-39.7S	110-02.0	3957	2.2	-3.0	14.1	12.98	2.32	33.86	7.67	.26
88/12/07	21:25	12/08	04:45	53-40.9S	110-02.1	3514	2.4	-3.0	14.3	12.98	2.32	34.02	7.70	.25
88/12/07	21:30	12/08	04:50	53-42.1S	110-02.2	3800	2.5	-3.0	14.4	12.98	2.56	33.92	7.70	.24
88/12/07	21:35	12/08	04:55	53-43.3S	110-02.2	3504	2.6	-3.0	13.8	12.98	2.64	33.83	7.74	.23
88/12/07	21:40	12/08	05:00	53-44.9S	110-01.9	3500	2.7	-3.0	14.5	12.98	2.64	33.83	7.72	.23
88/12/07	21:45	12/08	05:05	53-46.1S	110-02.0	3473	2.7	-3.0	14.2	12.98	2.72	33.90	7.73	.23
88/12/07	21:50	12/08	05:10	53-47.4S	110-02.0	3500	2.8	-3.0	13.8	12.98	2.72	33.90	7.70	.23
88/12/07	21:55	12/08	05:15	53-48.6S	110-02.1	3510	2.8	-3.0	13.2	12.98	2.56	33.92	7.67	.25
88/12/07	22:00	12/08	05:20	53-49.8S	110-02.2	3500	2.8	-3.0	13.8	12.98	2.64	33.83	7.69	.23
88/12/07	22:05	12/08	05:25	53-51.0S	110-02.2	3500	2.8	-3.0	14.4	12.98	2.72	33.90	7.72	.22
88/12/07	22:10	12/08	05:30	53-52.2S	110-02.3	0	2.8	-3.0	13.8	12.98	2.56	33.92	7.67	.21
88/12/07	22:15	12/08	05:35	53-53.4S	110-02.3	3580	2.9	-3.0	14.1	12.98	2.48	33.85	7.62	.19
88/12/07	22:20	12/08	05:40	53-54.6S	110-02.3	3201	2.9	-3.0	14.2	12.98	2.48	33.85	7.62	.18
88/12/07	22:25	12/08	05:45	53-55.9S	110-02.4	0	2.9	-3.0	13.9	12.98	2.64	33.83	7.64	.18
88/12/07	22:30	12/08	05:50	53-57.0S	110-02.5	3933	2.9	-3.0	14.4	12.98	2.48	33.85	7.59	.18
88/12/07	22:35	12/08	05:55	53-58.2S	110-02.5	3500	2.9	-3.0	13.9	12.98	2.48	33.85	7.58	.18
88/12/07	22:40	12/08	06:00	53-59.4S	110-02.6	3464	2.9	-3.0	14.1	13.06	2.48	33.85	7.58	.18
88/12/07	22:45	12/08	06:05	54-00.6S	110-02.6	3408	2.9	-3.0	14.1	13.06	2.64	33.83	7.61	.19
88/12/07	22:50	12/08	06:10	54-01.8S	110-02.6	3549	2.3	-3.0	14.0	12.98	2.56	33.92	7.60	.19
88/12/07	22:55	12/08	06:15	54-03.1S	110-02.8	3527	2.2	-3.0	13.6	13.06	2.64	33.83	7.63	.18
88/12/07	23:00	12/08	06:20	54-04.3S	110-02.8	3320	2.7	-3.0	14.1	13.06	2.64	33.83	7.60	.18
88/12/07	23:05	12/08	06:25	54-05.5S	110-02.8	3520	2.1	-3.0	13.7	13.06	2.80	33.82	7.64	.19
88/12/07	23:10	12/08	06:30	54-07.1S	110-03.0	3500	2.0	-3.0	14.0	13.06	2.80	33.82	7.65	.19
88/12/07	23:15	12/08	06:35	54-08.4S	110-03.1	3500	2.1	-3.0	14.5	13.06	2.80	33.82	7.65	.17
88/12/07	23:20	12/08	06:40	54-09.6S	110-03.1	3650	2.3	-3.0	14.0	13.06	2.72	33.90	7.59	.17
88/12/07	23:25	12/08	06:45	54-10.9S	110-03.2	3346	2.5	-3.0	14.1	13.06	2.64	33.83	7.61	.17
88/12/07	23:30	12/08	06:50	54-12.1S	110-03.3	3400	2.6	-3.0	14.3	13.06	2.64	33.83	7.59	.16
88/12/07	23:35	12/08	06:55	54-13.4S	110-03.4	3355	2.6	-3.0	14.2	13.06	2.56	33.92	7.60	.16
88/12/07	23:40	12/08	07:00	54-14.6S	110-03.1	3400	2.3	-3.0	14.2	13.06	2.56	33.92	7.58	.17
88/12/07	23:45	12/08	07:05	54-15.8S	110-02.8	3735	2.3	-3.0	13.8	13.06	2.56	33.92	7.59	.17
88/12/07	23:50	12/08	07:10	54-17.0S	110-02.5	3857	2.1	-3.0	14.7	13.06	2.56	33.92	7.58	.16
88/12/07	23:55	12/08	07:15	54-18.2S	110-02.2	3802	2.1	-3.0	14.4	13.06	2.56	33.92	7.58	.16

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]
88/12/08	00:00	12/08	07:20	54-19.4S	110-01.9	3883	2.6	-3.0	14.0	13.06	2.56	33.92	7.58	.16
88/12/08	00:05	12/08	07:25	54-20.4S	110-01.8	3721	2.8	-3.0	14.1	12.61	2.56	33.92	7.58	.16
88/12/08	00:10	12/08	07:30	54-21.6S	110-01.5	3650	2.9	-3.0	13.4	12.98	2.56	33.92	7.58	.17
88/12/08	00:15	12/08	07:35	54-22.7S	110-01.2	3586	3.0	-3.0	13.9	12.98	2.64	33.83	7.61	.16
88/12/08	00:20	12/08	07:40	54-24.2S	110-00.8	3700	2.6	-3.0	14.3	12.98	2.64	33.83	7.61	.16
88/12/08	00:25	12/08	07:45	54-25.1S	110-00.7	3750	2.8	-3.0	13.3	12.98	2.64	33.83	7.61	.17
88/12/08	00:30	12/08	07:50	54-26.3S	110-00.4	3830	2.8	-3.0	14.1	12.98	2.64	33.83	7.61	.17
88/12/08	00:35	12/08	07:55	54-27.5S	110-00.1	4150	2.8	-3.0	14.4	13.06	2.64	33.83	7.59	.17
88/12/08	00:40	12/08	07:59	54-28.7S	109-59.8	4056	2.1	-3.0	13.7	13.06	2.64	33.83	7.60	.17
88/12/08	00:45	12/08	08:04	54-30.1S	109-59.5	4154	1.9	-3.0	13.6	12.98	2.64	33.83	7.60	.17
88/12/08	00:50	12/08	08:09	54-31.2S	109-59.2	4100	1.9	-3.0	12.5	12.98	2.72	33.90	7.62	.16
88/12/08	00:55	12/08	08:14	54-32.2S	109-59.0	3800	2.2	-3.0	13.5	13.06	2.72	33.90	7.62	.16
88/12/08	01:00	12/08	08:19	54-33.6S	109-58.7	3780	2.5	-3.0	14.0	13.06	2.72	33.90	7.61	.16
88/12/08	01:05	12/08	08:24	54-34.8S	109-58.4	3780	2.8	-3.0	14.1	13.13	2.72	33.90	7.63	.16
88/12/08	01:10	12/08	08:29	54-36.0S	109-58.1	3700	3.0	-3.0	14.2	13.06	2.80	33.82	7.62	.16
88/12/08	01:15	12/08	08:34	54-37.2S	109-57.8	3700	3.1	-3.0	14.3	13.06	2.80	33.82	7.62	.16
88/12/08	01:20	12/08	08:39	54-38.4S	109-57.9	3900	3.2	-3.0	13.6	13.06	2.88	33.89	7.65	.16
88/12/08	01:25	12/08	08:44	54-39.1S	109-57.6	4223	3.2	-3.0	14.7	13.06	2.80	33.82	7.61	.16
88/12/08	01:30	12/08	08:49	54-40.3S	109-57.7	4117	3.3	-3.0	14.3	13.06	2.88	33.89	7.64	.16
88/12/08	01:35	12/08	08:54	54-41.5S	109-57.7	4100	3.1	-3.0	14.6	13.06	2.88	33.89	7.62	.17
88/12/08	01:40	12/08	08:59	54-42.8S	109-57.8	3300	3.0	-3.0	14.7	13.13	2.88	33.74	7.61	.17
88/12/08	01:45	12/08	09:04	54-44.0S	109-57.8	4100	3.1	-3.0	14.5	13.13	2.80	33.82	7.58	.16
88/12/08	01:50	12/08	09:09	54-45.6S	109-58.2	4300	3.2	-3.0	14.0	13.06	2.88	33.89	7.62	.16
88/12/08	01:55	12/08	09:14	54-46.8S	109-58.3	4200	3.2	-3.0	14.4	13.06	2.88	33.89	7.60	.16
88/12/08	02:00	12/08	09:19	54-48.1S	109-58.3	4200	3.1	-3.0	14.2	13.06	2.88	33.89	7.64	.16
88/12/08	02:05	12/08	09:24	54-49.6S	109-58.4	4100	3.1	-3.0	14.6	13.06	2.88	33.89	7.61	.16
88/12/08	02:10	12/08	09:29	54-50.9S	109-58.5	3972	3.2	-3.0	14.3	13.06	2.88	33.89	7.63	.16
88/12/08	02:15	12/08	09:34	54-52.1S	109-58.6	4000	3.2	-3.0	14.5	13.06	2.80	33.82	7.59	.16
88/12/08	02:20	12/08	09:39	54-53.4S	109-58.6	4030	3.2	-3.0	14.8	13.13	2.64	33.83	7.56	.16
88/12/08	02:25	12/08	09:44	54-54.7S	109-58.7	0	3.3	-3.0	14.3	13.13	2.80	33.82	7.61	.16
88/12/08	02:30	12/08	09:49	54-55.9S	109-58.7	3800	3.3	-3.0	14.2	13.06	2.80	33.82	7.58	.16
88/12/08	02:35	12/08	09:54	54-57.1S	109-58.7	0	3.3	-3.0	14.5	13.13	2.48	33.85	7.52	.16
88/12/08	02:40	12/08	09:59	54-58.4S	109-58.9	3920	3.3	-3.0	14.7	13.13	2.40	33.93	7.51	.16
88/12/08	02:45	12/08	10:04	54-59.6S	109-58.9	3950	3.3	-3.0	14.2	13.13	2.40	33.93	7.54	.16
88/12/08	02:50	12/08	10:09	55-00.5S	109-58.1	3950	3.1	-3.0	13.2	13.13	2.40	33.93	7.56	.16
88/12/08	02:55	12/08	10:14	55-01.0S	109-58.5	3950	2.8	-3.0	12.9	13.13	2.48	33.85	7.59	.16
88/12/08	03:00	12/08	10:19	55-01.4S	109-55.0	3950	2.7	-3.0	12.3	13.13	2.48	33.85	7.61	.16
88/12/08	03:05	12/08	10:24	55-01.9S	109-53.4	3950	2.7	-3.0	12.8	13.06	2.48	34.01	7.60	.16
88/12/08	03:10	12/08	10:29	55-02.4S	109-51.8	3850	2.7	-3.0	12.3	13.06	2.56	33.92	7.60	.16
88/12/08	03:15	12/08	10:34	55-03.0S	109-49.5	3850	2.6	-3.0	13.2	13.06	2.48	33.85	7.58	.16
88/12/08	03:20	12/08	10:39	55-03.5S	109-47.6	3950	2.6	-3.0	13.4	13.06	2.48	33.85	7.61	.16
88/12/08	03:25	12/08	10:44	55-04.1S	109-46.0	3928	2.6	-3.0	13.2	13.06	2.16	33.87	7.55	.17
88/12/08	03:30	12/08	10:48	55-04.6S	109-44.3	3901	2.6	-3.0	13.2	13.13	2.16	33.87	7.55	.16
88/12/08	03:35	12/08	10:53	55-05.0S	109-42.7	4008	2.6	-3.0	13.1	13.13	2.16	33.87	7.55	.16
88/12/08	03:40	12/08	10:58	55-05.5S	109-41.2	3925	2.7	-3.0	13.3	13.06	2.24	33.94	7.56	.16
88/12/08	03:45	12/08	11:03	55-06.0S	109-39.5	3950	2.7	-3.0	13.1	13.06	2.24	33.94	7.55	.16
88/12/08	03:50	12/08	11:08	55-06.5S	109-38.0	3850	2.6	-3.0	12.7	13.06	2.32	33.86	7.58	.16
88/12/08	03:55	12/08	11:13	55-07.0S	109-36.3	3950	2.6	-3.0	13.3	13.06	2.32	33.86	7.58	.16
88/12/08	04:00	12/08	11:18	55-07.4S	109-34.4	4017	2.6	-3.0	12.3	13.06	2.32	33.86	7.56	.16
88/12/08	04:05	12/08	11:23	55-08.0S	109-32.5	3950	2.6	-3.0	13.9	13.06	2.24	33.94	7.54	.16
88/12/08	04:10	12/08	11:28	55-08.5S	109-30.8	4017	2.6	-3.0	13.9	13.06	2.24	33.94	7.54	.16

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]
88/12/08	04:15	12/08	11:32	55-08.9S	109-29.5	4030	2.6	-3.0	12.9	13.06	2.24	33.94	7.53	.16
88/12/08	04:20	12/08	11:37	55-09.5S	109-27.5	4020	2.6	-3.0	12.8	13.06	2.24	33.79	7.52	.16
88/12/08	04:25	12/08	11:42	55-10.0S	109-25.9	3965	2.6	-3.0	13.0	13.06	2.16	33.87	7.52	.16
88/12/08	04:30	12/08	11:47	55-10.5S	109-24.1	3952	2.7	-3.0	13.8	13.06	2.16	33.87	7.53	.16
88/12/08	04:35	12/08	11:52	55-10.9S	109-22.4	3893	2.7	-3.0	13.4	13.06	2.16	33.87	7.54	.17
88/12/08	04:40	12/08	11:57	55-11.3S	109-20.8	4050	2.7	-3.0	11.4	13.06	2.24	33.79	7.53	.16
88/12/08	04:45	12/08	12:02	55-11.8S	109-19.0	4100	2.8	-3.0	13.8	13.06	2.16	33.87	7.53	.17
88/12/08	04:50	12/08	12:07	55-12.3S	109-17.4	4000	2.8	-3.0	10.8	13.06	2.24	33.79	7.55	.17
88/12/08	04:55	12/08	12:12	55-12.4S	109-17.2	3900	3.0	-3.0	.2	13.06	2.16	33.87	7.58	.17
88/12/08	05:00	12/08	12:17	55-12.5S	109-17.3	3810	4.4	-3.0	.3	13.06	1.99	33.89	7.52	.18
88/12/08	05:05	12/08	12:22	55-12.4S	109-16.4	3811	4.9	-3.0	.5	13.06	1.99	33.89	7.53	.18
88/12/08	05:10	12/08	12:27	55-12.4S	109-16.5	3813	5.0	-3.0	.5	13.06	1.99	33.89	7.53	.18
88/12/08	05:15	12/08	12:32	55-12.5S	109-16.6	3810	5.0	-3.0	.4	13.06	1.99	33.89	7.53	.18
88/12/08	05:20	12/08	12:37	55-12.7S	109-16.6	3815	5.3	-3.0	.5	13.06	1.99	33.89	7.53	.18
88/12/08	05:25	12/08	12:42	55-12.7S	109-16.7	3813	5.0	-3.0	.4	13.06	2.07	33.80	7.51	.18
88/12/08	05:30	12/08	12:47	55-12.8S	109-16.7	3823	5.0	-3.0	.4	13.13	2.07	33.80	7.52	.18
88/12/08	05:35	12/08	12:52	55-12.9S	109-16.7	3814	5.2	-3.0	.4	13.06	2.07	33.80	7.52	.18
88/12/08	05:40	12/08	12:57	55-13.0S	109-16.8	3823	5.0	-3.0	.4	13.06	2.07	33.96	7.51	.18
88/12/08	05:45	12/08	13:02	55-12.2S	109-18.1	3828	5.2	-3.0	.4	13.06	2.07	33.96	7.53	.18
88/12/08	05:50	12/08	13:07	55-12.2S	109-18.2	3835	5.4	-3.0	.5	13.06	2.07	33.96	7.51	.18
88/12/08	05:55	12/08	13:12	55-12.3S	109-18.3	3832	4.1	-3.0	.3	13.06	2.07	33.96	7.50	.18
88/12/08	06:00	12/08	13:17	55-12.4S	109-18.4	3837	4.3	-3.0	.5	13.06	2.07	33.96	7.50	.18
88/12/08	06:05	12/08	13:22	55-12.4S	109-18.5	3843	3.9	-3.0	.6	13.06	2.07	33.96	7.50	.18
88/12/08	06:10	12/08	13:27	55-12.5S	109-18.7	3853	3.8	-3.0	.4	13.06	2.16	33.87	7.51	.18
88/12/08	06:15	12/08	13:32	55-12.5S	109-18.8	3854	3.5	-3.0	.6	13.06	2.16	33.87	7.49	.18
88/12/08	06:20	12/08	13:37	55-12.6S	109-18.9	3860	3.5	-3.0	.5	13.06	2.16	33.87	7.49	.18
88/12/08	06:25	12/08	13:42	55-12.6S	109-20.2	3854	3.7	-3.0	.6	13.06	2.16	33.87	7.48	.18
88/12/08	06:30	12/08	13:47	55-12.6S	109-20.4	3882	4.7	-3.0	.7	13.06	2.16	33.87	7.48	.18
88/12/08	06:35	12/08	13:52	55-12.7S	109-20.6	3876	5.5	-3.0	.7	13.06	2.16	33.87	7.46	.18
88/12/08	06:40	12/08	13:57	55-12.7S	109-20.8	3897	6.5	-3.0	.6	13.06	2.24	33.79	7.48	.18
88/12/08	06:45	12/08	14:02	55-12.8S	109-20.9	3877	7.1	-3.0	.6	13.06	2.24	33.79	7.48	.18
88/12/08	06:50	12/08	14:07	55-12.8S	109-21.1	3876	6.3	-3.0	.5	13.06	2.24	33.94	7.46	.18
88/12/08	06:55	12/08	14:12	55-12.9S	109-21.2	3876	6.2	-3.0	.4	13.06	2.16	33.87	7.45	.18
88/12/08	07:00	12/08	14:17	55-13.0S	109-21.4	3871	5.8	-3.0	.6	13.06	2.16	33.87	7.43	.19
88/12/08	07:05	12/08	14:22	55-13.0S	109-21.5	3865	5.6	-3.0	.5	13.06	2.16	33.87	7.44	.19
88/12/08	07:10	12/08	14:27	55-13.1S	109-21.7	3859	6.0	-3.0	.5	13.06	2.24	33.94	7.44	.19
88/12/08	07:15	12/08	14:32	55-13.1S	109-21.9	3853	5.8	-3.0	.6	13.06	2.24	33.94	7.43	.19
88/12/08	07:20	12/08	14:37	55-13.2S	109-22.0	3848	5.5	-3.0	.6	13.06	2.24	33.94	7.43	.19
88/12/08	07:25	12/08	14:42	55-13.3S	109-22.2	3847	5.4	-3.0	.5	13.06	2.24	33.94	7.41	.19
88/12/08	07:30	12/08	14:47	55-13.3S	109-22.3	3845	5.9	-3.0	.6	13.06	2.24	33.94	7.41	.19
88/12/08	07:35	12/08	14:52	55-13.4S	109-22.5	3859	5.6	-3.0	.5	13.06	2.24	33.94	7.41	.19
88/12/08	07:40	12/08	14:57	55-13.4S	109-22.7	3879	5.4	-3.0	.5	13.13	2.24	33.94	7.40	.19
88/12/08	07:45	12/08	15:02	55-12.9S	109-22.3	3847	5.5	-3.0	.6	13.43	2.24	33.94	7.41	.19
88/12/08	07:50	12/08	15:07	55-12.9S	109-22.4	3854	5.3	-3.0	.4	13.58	2.32	33.86	7.45	.20
88/12/08	07:55	12/08	15:12	55-13.0S	109-22.6	3881	5.1	-3.0	.6	13.58	2.24	33.94	7.42	.20
88/12/08	08:00	12/08	15:17	55-13.0S	109-22.7	3870	5.2	-3.0	.6	13.58	2.24	33.94	7.40	.20
88/12/08	08:05	12/08	15:22	55-13.0S	109-22.8	3800	5.0	-3.0	.9	13.58	2.24	33.94	7.39	.20
88/12/08	08:10	12/08	15:27	55-13.1S	109-22.9	0	5.0	-3.0	.9	13.66	2.24	33.94	7.39	.20
88/12/08	08:15	12/08	15:32	55-13.1S	109-23.0	3900	4.7	-3.0	1.0	13.51	2.32	33.86	7.40	.20
88/12/08	08:20	12/08	15:37	55-13.2S	109-22.7	3900	3.7	-3.0	6.2	13.51	2.24	33.94	7.36	.20
88/12/08	08:25	12/08	15:42	55-13.4S	109-21.7	4000	3.4	-3.0	8.3	13.51	2.32	33.86	7.39	.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]
88/12/08	08:30	12/08	15:47	55-13.8S	109-20.3	3900	3.3	-3.0	9.2	13.51	2.32	33.86	7.39	.20
88/12/08	08:35	12/08	15:52	55-13.9S	109-19.1	3900	3.2	-3.0	11.2	13.51	2.32	33.86	7.39	.20
88/12/08	08:40	12/08	15:57	55-14.2S	109-17.6	3820	3.1	-3.0	11.8	13.51	2.32	33.86	7.38	.21
88/12/08	08:45	12/08	16:02	55-14.5S	109-16.0	3680	3.0	-3.0	12.8	13.51	2.32	33.86	7.35	.21
88/12/08	08:50	12/08	16:06	55-14.8S	109-14.3	0	3.0	-3.0	12.7	13.51	2.32	33.86	7.34	.21
88/12/08	08:55	12/08	16:11	55-15.1S	109-12.7	3900	2.9	-3.0	13.2	13.51	2.32	33.86	7.34	.21
88/12/08	09:00	12/08	16:16	55-15.5S	109-11.0	4200	2.9	-3.0	12.7	13.43	2.32	33.86	7.36	.21
88/12/08	09:05	12/08	16:21	55-15.8S	109-09.3	0	2.9	-3.0	13.5	13.43	2.40	33.93	7.42	.22
88/12/08	09:10	12/08	16:26	55-16.1S	109-07.6	4000	2.8	-3.0	13.0	11.65	2.40	33.93	7.39	.22
88/12/08	09:15	12/08	16:31	55-16.5S	109-05.8	0	2.7	-3.0	13.9	11.78	2.32	34.02	7.35	.23
88/12/08	09:20	12/08	16:36	55-17.5S	109-02.9	4200	2.7	-3.0	13.4	12.16	2.32	33.88	7.32	.23
88/12/08	09:25	12/08	16:41	55-17.9S	109-01.1	0	2.8	-3.0	13.5	12.16	2.40	33.93	7.32	.24
88/12/08	09:30	12/08	16:45	55-18.2S	108-59.3	4000	2.8	-3.0	13.5	12.08	2.48	33.85	7.35	.24
88/12/08	09:35	12/08	16:50	55-18.6S	108-57.5	4000	2.8	-3.0	14.0	12.23	2.48	34.01	7.36	.24
88/12/08	09:40	12/08	16:55	55-19.0S	108-55.7	4000	2.8	-3.0	14.2	12.23	2.48	34.01	7.34	.24
88/12/08	09:45	12/08	17:00	55-19.4S	108-53.9	4000	2.7	-3.0	14.3	12.16	2.48	33.85	7.31	.24
88/12/08	09:50	12/08	17:05	55-19.8S	108-52.0	3900	2.7	-3.0	13.9	12.16	2.40	33.93	7.31	.25
88/12/08	09:55	12/08	17:10	55-20.2S	108-50.1	3900	2.8	-3.0	13.1	12.16	2.32	34.02	7.29	.25
88/12/08	10:00	12/08	17:15	55-20.5S	108-48.4	4000	2.8	-3.0	13.5	12.16	2.32	33.86	7.28	.25
88/12/08	10:05	12/08	17:20	55-21.2S	108-45.2	4000	2.8	-3.0	13.2	12.16	2.24	33.94	7.27	.25
88/12/08	10:10	12/08	17:24	55-21.5S	108-43.3	3874	2.8	-3.0	13.6	12.16	2.24	33.94	7.28	.26
88/12/08	10:15	12/08	17:29	55-22.0S	108-41.4	4000	2.7	-3.0	14.1	12.16	2.24	33.94	7.29	.26
88/12/08	10:20	12/08	17:34	55-22.3S	108-39.5	3900	2.8	-3.0	13.9	12.16	2.16	34.04	7.27	.26
88/12/08	10:25	12/08	17:39	55-22.7S	108-37.6	3900	2.9	-3.0	14.5	12.23	2.16	34.04	7.28	.27
88/12/08	10:30	12/08	17:44	55-23.1S	108-35.7	3874	2.9	-3.0	14.2	12.16	2.24	33.94	7.27	.27
88/12/08	10:35	12/08	17:49	55-23.5S	108-33.8	3900	2.9	-3.0	14.3	12.23	2.16	34.04	7.27	.28
88/12/08	10:40	12/08	17:54	55-23.9S	108-31.9	4000	3.0	-3.0	13.7	12.23	2.16	33.87	7.28	.28
88/12/08	10:45	12/08	17:59	55-24.3S	108-30.0	3800	3.0	-3.0	14.0	12.16	2.24	33.94	7.29	.29
88/12/08	10:50	12/08	18:03	55-24.7S	108-28.1	3900	2.9	-3.0	14.5	12.23	2.24	33.94	7.29	.29
88/12/08	10:55	12/08	18:08	55-25.1S	108-26.2	3900	2.9	-3.0	13.6	12.23	2.24	33.94	7.29	.29
88/12/08	11:00	12/08	18:13	55-25.5S	108-24.2	4000	3.1	-3.0	14.2	12.16	2.24	33.94	7.29	.29
88/12/08	11:05	12/08	18:18	55-26.5S	108-21.4	3900	3.4	-3.0	14.3	12.23	2.24	33.94	7.29	.30
88/12/08	11:10	12/08	18:23	55-27.1S	108-19.6	3900	4.0	-3.0	14.2	12.23	2.24	33.94	7.29	.30
88/12/08	11:15	12/08	18:28	55-27.7S	108-17.6	3973	3.7	-3.0	14.0	12.23	2.16	34.04	7.27	.30
88/12/08	11:20	12/08	18:33	55-28.1S	108-16.1	4000	3.3	-3.0	13.7	12.23	2.24	33.94	7.29	.31
88/12/08	11:25	12/08	18:37	55-28.6S	108-14.3	0	3.0	-3.0	13.7	12.23	2.16	33.87	7.28	.31
88/12/08	11:30	12/08	18:42	55-29.1S	108-12.4	0	2.7	-3.0	14.1	12.23	2.16	33.87	7.27	.31
88/12/08	11:35	12/08	18:47	55-29.6S	108-10.6	4100	2.6	-3.0	14.4	12.31	2.16	33.87	7.27	.31
88/12/08	11:40	12/08	18:52	55-30.1S	108-08.6	4000	2.5	-3.0	14.1	12.16	2.07	33.96	7.26	.31
88/12/08	11:45	12/08	18:57	55-30.7S	108-06.7	0	2.2	-3.0	13.3	12.16	2.16	33.87	7.27	.32
88/12/08	11:50	12/08	19:02	55-31.1S	108-04.9	4000	2.2	-3.0	14.1	12.16	2.07	33.96	7.27	.32
88/12/08	11:55	12/08	19:07	55-31.7S	108-02.9	4000	2.3	-3.0	13.1	12.38	2.16	33.87	7.27	.31
88/12/08	12:00	12/08	19:12	55-32.8S	108-00.2	4000	2.2	-3.0	13.2	12.31	2.24	33.94	7.29	.31
88/12/08	12:05	12/08	19:16	55-33.1S	107-58.3	3900	2.2	-3.0	14.4	12.53	2.24	33.94	7.29	.31
88/12/08	12:10	12/08	19:21	55-33.7S	107-56.3	3900	2.2	-3.0	14.5	12.53	2.32	33.86	7.30	.31
88/12/08	12:15	12/08	19:26	55-34.3S	107-54.4	3900	2.1	-3.0	14.4	12.46	2.32	33.86	7.29	.31
88/12/08	12:20	12/08	19:31	55-34.8S	107-52.5	3900	2.1	-3.0	13.7	12.46	2.24	33.94	7.29	.31
88/12/08	12:25	12/08	19:36	55-35.3S	107-50.6	3900	2.3	-3.0	14.4	12.16	2.24	33.94	7.28	.31
88/12/08	12:30	12/08	19:41	55-35.9S	107-48.7	3900	2.3	-3.0	14.9	12.38	2.24	33.94	7.29	.31
88/12/08	12:35	12/08	19:46	55-36.4S	107-46.6	3900	2.1	-3.0	14.2	12.31	2.32	33.86	7.29	.30
88/12/08	12:40	12/08	19:50	55-37.0S	107-44.7	4017	2.2	-3.0	14.2	12.38	2.24	33.94	7.29	.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]
88/12/08	12:45	12/08	19:55	55-37.5S	107-42.7	4092	2.2	-3.0	14.1	12.38	2.24	33.94	7.32	.32
88/12/08	12:50	12/08	20:00	55-38.0S	107-40.7	4226	2.2	-3.0	14.4	12.53	2.24	33.94	7.32	.31
88/12/08	12:55	12/08	20:05	55-38.7S	107-38.4	4330	2.1	-3.0	14.4	12.53	2.24	33.94	7.31	.30
88/12/08	13:00	12/08	20:10	55-39.2S	107-36.4	3950	2.0	-3.0	14.3	12.53	2.24	33.94	7.32	.31
88/12/08	13:05	12/08	20:15	55-39.8S	107-34.4	4450	2.0	-3.0	14.8	12.53	2.24	33.94	7.33	.31
88/12/08	13:10	12/08	20:20	55-40.4S	107-32.4	4150	1.9	-3.0	14.3	12.53	2.24	33.94	7.32	.31
88/12/08	13:15	12/08	20:25	55-40.9S	107-30.4	4150	1.9	-3.0	14.9	12.53	1.91	33.97	7.27	.32
88/12/08	13:20	12/08	20:29	55-41.6S	107-28.1	4150	1.9	-3.0	14.7	12.23	1.91	33.97	7.29	.32
88/12/08	13:25	12/08	20:34	55-42.1S	107-26.1	4150	1.9	-3.0	14.6	12.38	1.99	33.89	7.32	.32
88/12/08	13:30	12/08	20:39	55-42.7S	107-24.1	4050	1.9	-3.0	14.5	12.53	1.99	33.89	7.34	.31
88/12/08	13:35	12/08	20:44	55-43.3S	107-22.1	0	1.8	-3.0	13.9	12.23	1.99	33.89	7.32	.32
88/12/08	13:40	12/08	20:49	55-43.8S	107-20.2	4340	1.8	-3.0	14.5	12.31	2.07	33.96	7.35	.32
88/12/08	13:45	12/08	20:54	55-44.3S	107-18.2	4200	1.9	-3.0	13.3	12.53	2.07	33.96	7.36	.32
88/12/08	13:50	12/08	20:59	55-44.9S	107-16.2	4379	1.8	-3.0	14.7	12.53	2.07	33.96	7.35	.31
88/12/08	13:55	12/08	21:03	55-45.4S	107-14.2	4175	1.8	-3.0	14.1	12.53	2.07	33.96	7.36	.31
88/12/08	14:00	12/08	21:08	55-46.0S	107-12.2	4200	1.8	-3.0	14.5	12.46	2.16	33.87	7.39	.31
88/12/08	14:05	12/08	21:13	55-46.6S	107-10.2	4200	1.7	-3.0	15.0	12.23	2.16	33.87	7.39	.31
88/12/08	14:10	12/08	21:18	55-47.1S	107-08.2	4200	1.7	-3.0	14.6	12.23	2.16	33.87	7.38	.31
88/12/08	14:15	12/08	21:23	55-47.7S	107-06.2	4200	1.8	-3.0	13.5	12.38	2.24	33.94	7.41	.31
88/12/08	14:20	12/08	21:28	55-48.2S	107-04.3	4450	1.8	-3.0	14.5	12.53	2.24	33.94	7.39	.30
88/12/08	14:25	12/08	21:33	55-48.7S	107-02.2	4430	1.8	-3.0	14.6	12.53	2.24	33.94	7.38	.31
88/12/08	14:30	12/08	21:38	55-48.8S	107-01.3	4298	1.9	-3.0	14.6	12.53	2.07	33.96	7.43	.30
88/12/08	14:35	12/08	21:42	55-49.2S	106-59.3	4195	1.9	-3.0	14.8	12.53	1.99	33.89	7.40	.30
88/12/08	14:40	12/08	21:47	55-49.7S	106-57.2	4200	1.9	-3.0	14.6	12.68	1.99	33.89	7.44	.31
88/12/08	14:45	12/08	21:52	55-50.1S	106-55.1	4200	2.0	-3.0	14.8	12.68	1.99	33.89	7.45	.31
88/12/08	14:50	12/08	21:57	55-50.6S	106-53.1	4054	2.1	-3.0	14.5	12.68	1.91	33.97	7.46	.31
88/12/08	14:55	12/08	22:02	55-51.1S	106-51.1	4050	2.1	-3.0	14.6	12.68	1.91	33.97	7.49	.31
88/12/08	15:00	12/08	22:07	55-51.5S	106-49.0	4200	2.1	-3.0	14.1	12.68	1.91	33.97	7.52	.31
88/12/08	15:05	12/08	22:12	55-52.0S	106-47.0	4200	2.1	-3.0	14.9	12.68	1.99	33.89	7.53	.31
88/12/08	15:10	12/08	22:16	55-52.5S	106-44.5	4150	2.1	-3.0	14.7	12.68	1.99	33.89	7.57	.31
88/12/08	15:15	12/08	22:21	55-53.0S	106-42.5	4000	2.1	-3.0	14.6	12.68	1.99	33.89	7.60	.31
88/12/08	15:20	12/08	22:26	55-53.4S	106-40.4	4000	2.1	-3.0	14.5	12.76	1.99	33.89	7.59	.31
88/12/08	15:25	12/08	22:31	55-53.9S	106-38.4	4000	2.1	-3.0	14.4	12.76	1.99	33.89	7.60	.31
88/12/08	15:30	12/08	22:36	55-54.3S	106-36.5	4100	2.1	-3.0	14.0	12.76	1.99	33.89	7.60	.31
88/12/08	15:35	12/08	22:41	55-54.8S	106-34.4	0	2.1	-3.0	14.7	12.76	1.99	33.89	7.60	.31
88/12/08	15:40	12/08	22:46	55-55.2S	106-32.3	4130	2.1	-3.0	14.8	12.68	1.99	33.89	7.60	.31
88/12/08	15:45	12/08	22:51	55-55.7S	106-30.3	4100	2.1	-3.0	13.9	12.68	1.99	33.89	7.61	.31
88/12/08	15:50	12/08	22:56	55-56.1S	106-28.3	4167	2.1	-3.0	14.7	12.68	1.99	33.89	7.62	.31
88/12/08	15:55	12/08	23:00	55-56.6S	106-26.3	4100	2.1	-3.0	14.5	12.61	1.99	33.89	7.60	.31
88/12/08	16:00	12/08	23:05	55-57.1S	106-24.4	4300	2.1	-3.0	14.0	12.61	1.91	33.97	7.60	.31
88/12/08	16:05	12/08	23:10	55-57.5S	106-22.4	4300	2.1	-3.0	14.3	12.61	1.99	33.89	7.63	.31
88/12/08	16:10	12/08	23:15	55-58.1S	106-20.3	4300	2.1	-3.0	14.5	12.61	1.99	33.89	7.64	.31
88/12/08	16:15	12/08	23:20	55-58.4S	106-18.7	4300	2.1	-3.0	14.6	12.61	2.07	33.96	7.67	.32
88/12/08	16:20	12/08	23:25	55-59.0S	106-16.7	4250	2.1	-3.0	14.6	12.61	2.07	33.96	7.66	.31
88/12/08	16:25	12/08	23:29	55-59.5S	106-14.6	4174	2.1	-3.0	14.3	12.61	2.07	33.96	7.66	.32
88/12/08	16:30	12/08	23:34	55-59.9S	106-12.6	4140	2.1	-3.0	14.5	12.61	2.07	33.96	7.65	.32
88/12/08	16:35	12/08	23:39	56-00.4S	106-10.6	4172	2.1	-3.0	14.0	12.61	2.07	33.96	7.65	.31
88/12/08	16:40	12/08	23:44	56-00.8S	106-08.6	4227	2.1	-3.0	14.7	12.68	1.99	33.89	7.65	.31
88/12/08	16:45	12/08	23:49	56-01.2S	106-06.7	4105	2.1	-3.0	14.3	12.61	1.99	33.89	7.65	.31
88/12/08	16:50	12/08	23:54	56-01.7S	106-04.7	4105	2.1	-3.0	14.1	12.68	1.99	33.89	7.66	.30
88/12/08	16:55	12/08	23:59	56-02.0S	106-02.6	0	2.1	-3.0	13.8	12.68	1.99	33.89	7.66	.30



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]
88/12/08	17:00	12/09	00:04	56-02.5S	106-00.6	4130	2.1	-3.0	13.1	12.68	1.99	33.89	7.65	.30
88/12/08	17:05	12/09	00:08	56-03.0S	106-58.7	4163	2.1	-3.0	13.8	12.68	1.99	33.89	7.65	.30
88/12/08	17:10	12/09	00:13	56-03.5S	106-56.7	4300	2.1	-3.0	14.4	12.68	1.99	33.89	7.71	.30
88/12/08	17:15	12/09	00:18	56-04.0S	106-54.7	4197	2.1	-3.0	13.9	12.61	2.07	33.96	7.71	.30
88/12/08	17:20	12/09	00:23	56-04.4S	106-52.7	4327	2.1	-3.0	14.2	12.68	2.07	33.96	7.72	.30
88/12/08	17:25	12/09	00:28	56-04.8S	106-50.8	4400	2.1	-3.0	13.5	12.68	1.99	33.89	7.70	.30
88/12/08	17:30	12/09	00:33	56-05.3S	106-48.9	4400	2.1	-3.0	13.6	12.68	1.99	33.89	7.70	.30
88/12/08	17:35	12/09	00:38	56-05.8S	106-47.0	4400	2.1	-3.0	14.4	12.68	2.07	33.96	7.71	.30
88/12/08	17:40	12/09	00:42	56-06.2S	106-44.5	4300	2.1	-3.0	14.1	12.76	2.07	33.96	7.71	.30
88/12/08	17:45	12/09	00:47	56-06.7S	106-42.5	0	2.1	-3.0	13.0	12.76	2.07	33.96	7.67	.29
88/12/08	17:50	12/09	00:52	56-07.2S	106-40.6	4250	2.1	-3.0	14.1	12.76	2.07	33.96	7.68	.29
88/12/08	17:55	12/09	00:57	56-07.7S	106-38.6	4300	2.1	-3.0	14.3	12.76	2.16	33.87	7.70	.28
88/12/08	18:00	12/09	01:02	56-08.3S	106-36.6	4464	2.1	-3.0	14.4	12.83	2.16	33.87	7.68	.29
88/12/08	18:05	12/09	01:07	56-08.5S	106-34.3	4400	2.1	-3.0	14.5	12.83	2.07	33.96	7.67	.28
88/12/08	18:10	12/09	01:12	56-09.0S	106-32.3	4500	2.1	-3.0	14.7	12.83	2.16	33.87	7.72	.30
88/12/08	18:15	12/09	01:17	56-09.6S	106-30.4	4500	2.1	-3.0	14.3	12.83	2.07	33.96	7.72	.30
88/12/08	18:20	12/09	01:21	56-10.1S	106-28.4	4300	2.1	-3.0	14.7	12.83	1.99	33.89	7.69	.31
88/12/08	18:25	12/09	01:26	56-10.7S	106-26.4	0	2.1	-3.0	14.3	12.83	2.07	33.96	7.71	.31
88/12/08	18:30	12/09	01:31	56-11.3S	106-24.5	3780	2.1	-3.0	14.2	12.76	2.07	33.96	7.72	.31
88/12/08	18:35	12/09	01:36	56-11.9S	106-22.6	4478	2.1	-3.0	14.2	12.76	2.24	33.94	7.76	.30
88/12/08	18:40	12/09	01:41	56-12.5S	106-20.6	4549	2.1	-3.0	14.2	12.76	2.24	33.94	7.79	.30
88/12/08	18:45	12/09	01:46	56-13.1S	106-18.7	4300	2.3	-3.0	14.2	12.76	2.24	33.94	7.77	.30
88/12/08	18:50	12/09	01:51	56-13.6S	106-16.7	4200	2.3	-3.0	14.5	12.76	2.24	33.94	7.77	.30
88/12/08	18:55	12/09	01:55	56-14.2S	106-14.8	0	2.1	-3.0	14.5	12.83	2.24	33.94	7.76	.29
88/12/08	19:00	12/09	02:00	56-14.6S	106-12.7	4320	2.0	-3.0	14.6	12.83	2.07	33.96	7.77	.31
88/12/08	19:05	12/09	02:05	56-15.4S	106-10.7	4320	2.1	-3.0	13.9	12.83	2.16	34.04	7.80	.30
88/12/08	19:10	12/09	02:10	56-16.0S	106-08.8	4000	2.1	-3.0	14.5	12.76	2.24	33.94	7.81	.29
88/12/08	19:15	12/09	02:15	56-16.6S	106-06.8	3900	1.9	-3.0	14.3	12.76	2.32	33.86	7.80	.27
88/12/08	19:20	12/09	02:20	56-17.0S	106-04.4	4334	1.9	-3.0	14.2	12.83	2.40	33.93	7.79	.25
88/12/08	19:25	12/09	02:25	56-17.6S	106-02.3	4300	1.9	-3.0	14.6	12.83	2.40	33.93	7.80	.25
88/12/08	19:30	12/09	02:30	56-18.1S	106-00.4	4200	1.9	-3.0	14.6	12.83	2.48	33.85	7.79	.25
88/12/08	19:35	12/09	02:34	56-18.7S	104-58.4	4509	1.9	-3.0	14.1	12.83	2.48	33.85	7.77	.24
88/12/08	19:40	12/09	02:39	56-19.3S	104-56.4	4550	2.0	-3.0	14.4	12.83	2.40	33.93	7.76	.24
88/12/08	19:45	12/09	02:44	56-19.9S	104-54.4	0	2.2	-3.0	14.3	12.83	2.40	33.93	7.79	.24
88/12/08	19:50	12/09	02:49	56-20.5S	104-52.4	4350	2.2	-3.0	14.6	12.76	2.48	33.85	7.77	.24
88/12/08	19:55	12/09	02:54	56-21.1S	104-50.4	4510	2.2	-3.0	13.8	12.83	2.40	33.93	7.77	.23
88/12/08	20:00	12/09	02:59	56-21.6S	104-48.4	4400	2.1	-3.0	14.5	12.83	2.40	33.93	7.77	.23
88/12/08	20:05	12/09	03:04	56-22.1S	104-46.4	4300	2.0	-3.0	14.4	12.83	2.48	34.01	7.79	.23
88/12/08	20:10	12/09	03:08	56-22.7S	104-44.4	4430	2.1	-3.0	14.0	12.76	2.56	33.92	7.79	.23
88/12/08	20:15	12/09	03:13	56-23.2S	104-42.4	4249	2.1	-3.0	14.5	12.83	2.56	33.92	7.81	.22
88/12/08	20:20	12/09	03:18	56-23.8S	104-40.3	4400	2.1	-3.0	14.2	12.83	2.56	33.92	7.79	.22
88/12/08	20:25	12/09	03:23	56-24.3S	104-38.4	4300	2.0	-3.0	14.4	12.91	2.56	33.92	7.79	.22
88/12/08	20:30	12/09	03:28	56-24.8S	104-36.4	4300	2.0	-3.0	14.0	12.91	2.56	33.92	7.81	.22
88/12/08	20:35	12/09	03:33	56-25.2S	104-36.0	4300	2.0	-3.0	14.0	12.98	2.56	33.92	7.80	.22
88/12/08	20:40	12/09	03:38	56-25.7S	104-33.1	4300	2.0	-3.0	14.4	12.83	2.40	33.93	7.76	.22
88/12/08	20:45	12/09	03:43	56-26.3S	104-31.1	4331	2.1	-3.0	13.8	12.83	2.40	33.93	7.79	.23
88/12/08	20:50	12/09	03:47	56-26.8S	104-29.2	4382	2.0	-3.0	14.1	12.83	2.40	33.93	7.80	.22
88/12/08	20:55	12/09	03:52	56-27.3S	104-27.2	4216	1.9	-3.0	13.9	12.83	2.40	33.93	7.79	.22
88/12/08	21:00	12/09	03:57	56-27.8S	104-25.2	4201	1.6	-3.0	14.7	12.76	2.32	34.02	7.79	.22
88/12/08	21:05	12/09	04:02	56-28.4S	104-23.2	4224	1.6	-3.0	14.0	12.76	2.40	33.93	7.82	.22
88/12/08	21:10	12/09	04:07	56-28.9S	104-21.2	0	1.6	-3.0	14.4	12.76	2.40	33.93	7.84	.22

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]
88/12/08	21:15	12/09	04:12	56-29.4S	104-19.3	4252	1.5	-3.0	14.0	12.76	2.32	34.02	7.81	.22
88/12/08	21:20	12/09	04:17	56-30.2S	104-17.7	4300	1.4	-3.0	14.5	12.76	2.32	33.86	7.82	.22
88/12/08	21:25	12/09	04:22	56-30.7S	104-15.7	4300	1.4	-3.0	14.3	12.76	2.32	34.02	7.84	.23
88/12/08	21:30	12/09	04:26	56-31.3S	104-13.7	4300	1.4	-3.0	14.1	12.76	2.32	33.86	7.82	.22
88/12/08	21:35	12/09	04:31	56-31.7S	104-11.8	4100	1.4	-3.0	14.4	12.76	2.32	33.86	7.85	.22
88/12/08	21:40	12/09	04:36	56-32.3S	104-09.8	4300	1.4	-3.0	14.4	12.76	2.24	33.94	7.84	.22
88/12/08	21:45	12/09	04:41	56-32.8S	104-07.7	4300	1.3	-3.0	14.2	12.76	2.24	33.94	7.84	.22
88/12/08	21:50	12/09	04:46	56-33.3S	104-05.8	4385	1.0	-3.0	14.1	12.76	2.24	33.94	7.85	.22
88/12/08	21:55	12/09	04:51	56-33.8S	104-03.8	4200	1.1	-3.0	14.3	12.76	2.16	33.87	7.83	.22
88/12/08	22:00	12/09	04:56	56-34.4S	104-01.7	4400	1.3	-3.0	14.4	12.76	2.07	33.96	7.83	.22
88/12/08	22:05	12/09	05:00	56-34.9S	103-59.8	4400	1.5	-3.0	14.2	12.68	2.16	34.04	7.86	.21
88/12/08	22:10	12/09	05:05	56-35.4S	103-57.8	4410	1.6	-3.0	13.9	12.68	2.16	34.04	7.89	.21
88/12/08	22:15	12/09	05:10	56-35.9S	103-55.7	4400	1.6	-3.0	14.0	12.76	2.07	33.96	7.90	.22
88/12/08	22:20	12/09	05:15	56-36.7S	103-54.8	4400	1.6	-3.0	13.8	12.76	1.99	34.05	7.89	.23
88/12/08	22:25	12/09	05:20	56-37.1S	103-52.9	4400	1.7	-3.0	13.9	12.76	1.99	34.05	7.92	.23
88/12/08	22:30	12/09	05:25	56-37.6S	103-50.9	4400	1.8	-3.0	13.9	12.68	1.99	34.05	7.93	.23
88/12/08	22:35	12/09	05:30	56-38.2S	103-49.0	4300	2.1	-3.0	14.1	12.68	2.07	33.96	7.96	.23
88/12/08	22:40	12/09	05:35	56-38.6S	103-47.0	4300	2.1	-3.0	14.0	12.76	2.07	33.96	7.96	.22
88/12/08	22:45	12/09	05:40	56-39.1S	103-45.1	4500	1.8	-3.0	14.2	12.76	2.07	33.96	7.95	.23
88/12/08	22:50	12/09	05:44	56-39.7S	103-43.8	4400	1.7	-3.0	14.2	12.68	2.07	33.96	7.94	.22
88/12/08	22:55	12/09	05:49	56-40.1S	103-41.9	4400	1.6	-3.0	14.3	12.76	1.91	33.97	7.89	.21
88/12/08	23:00	12/09	05:54	56-40.6S	103-40.0	4400	1.5	-3.0	14.1	12.68	1.75	33.98	7.84	.20
88/12/08	23:05	12/09	05:59	56-41.1S	103-38.0	4400	1.5	-3.0	13.8	12.68	1.83	33.90	7.88	.21
88/12/08	23:10	12/09	06:04	56-41.6S	103-36.1	4400	1.4	-3.0	14.0	12.68	1.83	34.06	7.93	.21
88/12/08	23:15	12/09	06:09	56-42.1S	103-34.1	0	1.5	-3.0	13.5	12.76	1.59	33.99	7.86	.19
88/12/08	23:20	12/09	06:14	56-42.6S	103-32.4	4400	1.5	-3.0	13.9	12.76	1.51	33.92	7.81	.19
88/12/08	23:25	12/09	06:19	56-43.1S	103-30.5	4400	1.4	-3.0	14.0	12.76	1.43	34.02	7.84	.20
88/12/08	23:30	12/09	06:23	56-43.6S	103-28.6	4400	1.4	-3.0	13.5	12.76	1.43	34.02	7.85	.20
88/12/08	23:35	12/09	06:28	56-44.0S	103-26.7	0	1.4	-3.0	13.9	12.76	1.43	34.02	7.86	.19
88/12/08	23:40	12/09	06:33	56-44.4S	103-24.6	4423	1.6	-3.0	13.8	12.76	1.34	34.10	7.85	.19
88/12/08	23:45	12/09	06:38	56-44.9S	103-22.7	4277	1.7	-3.0	13.6	12.76	1.26	34.03	7.81	.19
88/12/08	23:50	12/09	06:43	56-45.4S	103-20.8	4235	1.5	-3.0	12.9	12.76	1.18	33.95	7.81	.19
88/12/08	23:55	12/09	06:48	56-45.8S	103-19.0	4200	1.6	-3.0	13.7	12.76	1.18	33.95	7.83	.19
88/12/09	00:00	12/09	06:53	56-46.3S	103-17.1	4300	1.8	-3.0	14.0	12.76	1.18	33.95	7.86	.19
88/12/09	00:05	12/09	06:58	56-46.7S	103-15.1	4312	1.7	-3.0	13.3	12.76	1.18	33.95	7.87	.19
88/12/09	00:10	12/09	07:02	56-47.1S	103-13.2	4314	1.7	-3.0	13.9	12.76	1.18	33.95	7.89	.19
88/12/09	00:15	12/09	07:07	56-47.6S	103-11.3	0	1.5	-3.0	13.4	12.76	1.18	33.95	7.89	.19
88/12/09	00:20	12/09	07:12	56-48.1S	103-09.4	4300	1.2	-3.0	14.0	12.76	1.18	33.95	7.91	.19
88/12/09	00:25	12/09	07:17	56-48.6S	103-07.5	4319	1.1	-3.0	13.2	12.76	1.10	34.04	7.91	.19
88/12/09	00:30	12/09	07:22	56-49.0S	103-05.6	4300	1.1	-3.0	13.0	12.76	1.01	34.13	7.93	.19
88/12/09	00:35	12/09	07:27	56-49.3S	103-03.2	0	1.2	-3.0	13.2	12.76	1.01	33.96	7.90	.19
88/12/09	00:40	12/09	07:32	56-49.8S	103-01.4	4200	1.5	-3.0	13.9	12.76	1.01	33.96	7.91	.19
88/12/09	00:45	12/09	07:36	56-50.3S	102-59.4	4277	1.7	-3.0	13.4	12.76	1.01	34.13	7.96	.19
88/12/09	00:50	12/09	07:41	56-50.7S	102-57.5	4274	1.7	-3.0	13.6	12.76	1.01	34.13	7.93	.19
88/12/09	00:55	12/09	07:46	56-51.2S	102-55.6	4300	1.7	-3.0	13.0	12.76	1.01	34.13	7.93	.18
88/12/09	01:00	12/09	07:51	56-51.7S	102-53.7	4300	1.6	-3.0	14.4	12.76	1.01	33.96	7.92	.18
88/12/09	01:05	12/09	07:56	56-52.2S	102-51.5	0	1.7	-3.0	13.5	12.76	1.01	33.96	7.94	.18
88/12/09	01:10	12/09	08:01	56-52.7S	102-49.6	4300	1.4	-3.0	13.8	12.76	.93	34.05	7.93	.19
88/12/09	01:15	12/09	08:06	56-53.2S	102-47.6	0	1.5	-3.0	14.1	12.76	.93	34.05	7.96	.19
88/12/09	01:20	12/09	08:11	56-53.6S	102-45.7	4300	1.5	-3.0	13.6	12.76	1.01	34.13	8.00	.19
88/12/09	01:25	12/09	08:15	56-54.1S	102-43.7	4300	1.4	-3.0	13.8	12.76	1.10	34.04	8.03	.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]
88/12/09	01:30	12/09	08:20	56-54.5S	102-42.2	4300	1.7	-3.0	14.0	12.76	1.26	34.03	8.07	.19
88/12/09	01:35	12/09	08:25	56-54.2S	102-40.7	4400	1.4	-3.0	13.2	12.76	1.18	34.11	8.04	.19
88/12/09	01:40	12/09	08:30	56-53.9S	102-42.2	4500	1.6	-3.0	14.0	12.76	.93	34.05	7.92	.18
88/12/09	01:45	12/09	08:35	56-54.8S	102-42.0	4450	1.7	-3.0	12.4	12.61	1.01	33.96	7.94	.19
88/12/09	01:50	12/09	08:40	56-55.4S	102-40.6	4409	1.7	-3.0	13.4	12.61	1.01	34.13	7.96	.18
88/12/09	01:55	12/09	08:45	56-55.6S	102-42.3	4500	1.7	-3.0	13.3	12.61	1.01	33.96	7.98	.18
88/12/09	02:00	12/09	08:50	56-54.8S	102-41.9	4500	1.6	-3.0	12.3	12.61	1.01	34.13	8.05	.19
88/12/09	02:05	12/09	08:55	56-55.3S	102-39.7	4500	1.5	-3.0	13.9	12.53	1.01	33.96	8.05	.19
88/12/09	02:10	12/09	09:00	56-55.7S	102-37.7	4500	1.5	-3.0	14.1	12.53	1.10	34.04	8.02	.19
88/12/09	02:15	12/09	09:05	56-56.2S	102-35.8	4500	1.4	-3.0	13.2	12.53	1.18	34.11	8.05	.18
88/12/09	02:20	12/09	09:10	56-56.6S	102-34.0	4566	1.4	-3.0	12.6	12.53	1.26	34.03	8.06	.18
88/12/09	02:25	12/09	09:15	56-57.1S	102-32.1	4472	1.4	-3.0	13.6	12.61	1.34	33.93	8.05	.18
88/12/09	02:30	12/09	09:20	56-57.6S	102-30.2	4352	1.4	-3.0	13.0	12.53	1.43	34.02	8.06	.18
88/12/09	02:35	12/09	09:24	56-58.0S	102-28.3	4299	1.4	-3.0	12.9	12.61	1.51	34.09	8.06	.17
88/12/09	02:40	12/09	09:29	56-58.6S	102-26.5	4429	1.5	-3.0	13.8	12.53	1.59	33.99	8.05	.18
88/12/09	02:45	12/09	09:34	56-58.9S	102-24.6	4479	1.5	-3.0	14.0	12.53	1.59	33.99	8.05	.17
88/12/09	02:50	12/09	09:39	56-59.4S	102-22.6	4450	1.5	-3.0	14.0	12.53	1.59	33.99	8.03	.18
88/12/09	02:55	12/09	09:44	56-59.3S	102-19.7	4500	1.5	-3.0	13.4	12.53	1.59	33.99	8.07	.18
88/12/09	03:00	12/09	09:49	56-59.8S	102-17.8	4500	1.5	-3.0	13.6	12.53	1.43	34.02	8.03	.17
88/12/09	03:05	12/09	09:54	57-00.2S	102-15.9	4412	1.5	-3.0	13.4	12.53	1.43	34.02	8.04	.18
88/12/09	03:10	12/09	09:58	57-00.7S	102-14.0	4500	1.4	-3.0	13.9	12.61	1.43	34.02	8.06	.18
88/12/09	03:15	12/09	10:03	57-01.1S	102-12.1	4400	1.4	-3.0	13.2	12.53	1.43	34.02	8.07	.18
88/12/09	03:20	12/09	10:08	57-01.7S	102-10.6	0	1.4	-3.0	14.3	12.61	1.51	33.92	8.10	.18
88/12/09	03:25	12/09	10:13	57-02.2S	102-08.6	4400	1.4	-3.0	14.2	12.61	1.51	34.09	8.10	.17
88/12/09	03:30	12/09	10:18	57-02.7S	102-06.7	4400	1.4	-3.0	13.7	12.53	1.59	33.99	8.09	.17
88/12/09	03:35	12/09	10:23	57-03.2S	102-04.7	4336	1.4	-3.0	14.1	12.53	1.59	33.99	8.09	.17
88/12/09	03:40	12/09	10:28	57-03.7S	102-02.8	4334	1.4	-3.0	13.6	12.53	1.59	33.99	8.09	.17
88/12/09	03:45	12/09	10:33	57-04.2S	102-00.9	4400	1.3	-3.0	13.1	12.53	1.67	33.91	8.09	.17
88/12/09	03:50	12/09	10:37	57-04.6S	101-59.0	4300	1.3	-3.0	12.7	12.61	1.59	33.99	8.06	.18
88/12/09	03:55	12/09	10:42	57-05.1S	101-57.3	4300	1.3	-3.0	12.3	12.53	1.59	33.99	8.01	.17
88/12/09	04:00	12/09	10:47	57-05.6S	101-55.4	0	1.4	-3.0	13.7	12.61	1.51	34.09	8.04	.17
88/12/09	04:05	12/09	10:52	57-06.1S	101-53.5	4300	1.3	-3.0	13.8	12.53	1.59	33.99	8.07	.17
88/12/09	04:10	12/09	10:57	57-06.6S	101-51.5	4300	1.4	-3.0	13.6	12.53	1.51	34.09	8.03	.17
88/12/09	04:15	12/09	11:02	57-07.0S	101-49.6	4300	1.3	-3.0	13.6	12.61	1.43	34.02	8.00	.18
88/12/09	04:20	12/09	11:07	57-07.5S	101-47.6	4185	1.4	-3.0	14.0	12.61	1.43	34.02	8.03	.18
88/12/09	04:25	12/09	11:12	57-08.0S	101-45.7	4220	1.4	-3.0	13.9	12.53	1.34	33.93	7.99	.18
88/12/09	04:30	12/09	11:16	57-08.5S	101-43.7	4172	1.3	-3.0	14.8	12.53	1.34	34.10	8.02	.18
88/12/09	04:35	12/09	11:21	57-09.0S	101-41.7	4200	1.3	-3.0	13.4	12.61	1.43	34.02	8.02	.18
88/12/09	04:40	12/09	11:26	57-09.5S	101-39.8	0	1.3	-3.0	13.7	12.53	1.43	34.02	8.00	.18
88/12/09	04:45	12/09	11:31	57-10.0S	101-37.8	4200	1.4	-3.0	14.0	12.61	1.34	34.10	7.98	.18
88/12/09	04:50	12/09	11:36	57-10.4S	101-35.9	4252	1.4	-3.0	13.3	12.53	1.43	34.02	7.98	.17
88/12/09	04:55	12/09	11:41	57-10.9S	101-34.0	4250	1.4	-3.0	14.3	12.53	1.43	34.02	7.95	.17
88/12/09	05:00	12/09	11:46	57-11.4S	101-32.0	4250	1.4	-3.0	13.3	12.53	1.51	33.92	7.95	.17
88/12/09	05:05	12/09	11:51	57-11.9S	101-30.1	4250	1.4	-3.0	13.7	12.61	1.51	33.92	7.92	.17
88/12/09	05:10	12/09	11:55	57-12.4S	101-28.1	4200	1.4	-3.0	13.7	12.61	1.43	34.02	7.91	.17
88/12/09	05:15	12/09	12:00	57-12.8S	101-26.2	4182	1.4	-3.0	13.9	12.61	1.26	34.03	7.86	.17
88/12/09	05:20	12/09	12:05	57-13.3S	101-24.2	0	1.4	-3.0	14.2	12.53	1.10	34.04	7.84	.18
88/12/09	05:25	12/09	12:10	57-13.8S	101-22.3	4180	1.4	-3.0	13.3	12.53	1.10	34.04	7.79	.18
88/12/09	05:30	12/09	12:15	57-14.3S	101-20.3	4180	1.3	-3.0	14.3	12.61	1.18	34.11	7.84	.18
88/12/09	05:35	12/09	12:20	57-14.8S	101-18.4	4180	1.3	-3.0	14.8	12.53	1.01	33.96	7.82	.18
88/12/09	05:40	12/09	12:25	57-15.2S	101-16.3	4180	1.3	-3.0	14.3	12.61	.93	34.05	7.83	.18

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]
88/12/09	05:45	12/09	12:29	57-16.7S	101-14.3	4180	1.2	-3.0	13.8	12.61	.93	34.05	7.84	.18
88/12/09	05:50	12/09	12:34	57-16.3S	101-12.4	4264	1.2	-3.0	14.4	12.53	.93	34.05	7.87	.19
88/12/09	05:55	12/09	12:39	57-16.7S	101-10.3	4250	1.7	-3.0	14.3	12.53	1.01	33.96	7.88	.19
88/12/09	06:00	12/09	12:44	57-17.2S	101-08.3	4250	1.7	-3.0	14.2	12.61	.93	34.05	7.88	.19
88/12/09	06:05	12/09	12:49	57-19.4S	101-05.4	4148	1.7	-3.0	13.5	12.61	1.01	33.96	7.89	.19
88/12/09	06:10	12/09	12:54	57-20.0S	101-03.4	4133	1.7	-3.0	14.3	12.61	1.01	33.96	7.89	.19
88/12/09	06:15	12/09	12:59	57-20.5S	101-01.3	4090	1.7	-3.0	14.5	12.61	.93	34.05	7.84	.19
88/12/09	06:20	12/09	13:03	57-21.0S	100-59.3	4100	1.7	-3.0	14.0	12.61	.85	33.97	7.82	.19
88/12/09	06:25	12/09	13:08	57-21.4S	100-57.2	4117	1.7	-3.0	14.0	12.61	.77	34.06	7.79	.19
88/12/09	06:30	12/09	13:13	57-22.0S	100-55.9	4080	1.7	-3.0	14.2	12.53	.77	34.06	7.79	.20
88/12/09	06:35	12/09	13:18	57-22.4S	100-53.8	4088	1.6	-3.0	13.8	12.53	.85	33.97	7.83	.20
88/12/09	06:40	12/09	13:23	57-22.9S	100-51.8	4088	1.7	-3.0	14.3	12.53	.77	34.06	7.79	.21
88/12/09	06:45	12/09	13:28	57-23.4S	100-49.7	4096	1.6	-3.0	13.9	12.61	.85	33.97	7.81	.21
88/12/09	06:50	12/09	13:33	57-23.9S	100-47.8	4085	1.7	-3.0	14.0	12.61	.85	33.97	7.81	.21
88/12/09	06:55	12/09	13:38	57-24.3S	100-45.7	4085	1.7	-3.0	14.2	12.61	.77	34.06	7.81	.21
88/12/09	07:00	12/09	13:42	57-24.8S	100-43.7	4040	1.7	-3.0	13.9	12.61	.93	34.05	7.84	.21
88/12/09	07:05	12/09	13:47	57-25.3S	100-41.6	4034	1.7	-3.0	14.0	12.53	1.10	34.04	7.86	.21
88/12/09	07:10	12/09	13:52	57-25.7S	100-39.6	4034	1.7	-3.0	14.0	12.53	1.01	34.13	7.81	.21
88/12/09	07:15	12/09	13:57	57-26.2S	100-37.6	4024	1.8	-3.0	13.9	12.53	1.18	33.95	7.83	.21
88/12/09	07:20	12/09	14:02	57-26.7S	100-35.6	4012	1.8	-3.0	13.9	12.53	1.18	33.95	7.84	.21
88/12/09	07:25	12/09	14:07	57-27.1S	100-33.5	4138	1.9	-3.0	14.4	12.53	1.18	33.95	7.81	.21
88/12/09	07:30	12/09	14:12	57-27.6S	100-31.5	4169	1.9	-3.0	14.3	12.53	1.10	34.04	7.78	.21
88/12/09	07:35	12/09	14:16	57-28.1S	100-29.4	4176	2.0	-3.0	13.7	12.53	1.01	33.96	7.75	.21
88/12/09	07:40	12/09	14:21	57-28.6S	100-27.4	4315	2.0	-3.0	13.9	12.53	.69	33.98	7.70	.21
88/12/09	07:45	12/09	14:26	57-29.0S	100-25.3	4409	2.0	-3.0	14.2	12.53	.61	34.07	7.67	.22
88/12/09	07:50	12/09	14:31	57-29.5S	100-23.3	0	2.1	-3.0	14.2	12.61	.61	34.07	7.72	.22
88/12/09	07:55	12/09	14:36	57-30.0S	100-21.2	4581	2.1	-3.0	14.2	12.53	.53	33.99	7.76	.23
88/12/09	08:00	12/09	14:41	57-30.5S	100-19.2	4600	1.6	-3.0	14.0	12.53	.53	33.99	7.72	.23
88/12/09	08:05	12/09	14:46	57-30.9S	100-17.1	4500	1.6	-3.0	14.1	12.53	.53	33.99	7.72	.24
88/12/09	08:10	12/09	14:51	57-31.4S	100-15.1	4500	1.7	-3.0	14.5	12.53	1.01	33.96	7.84	.24
88/12/09	08:15	12/09	14:55	57-31.9S	100-13.0	4500	1.7	-3.0	14.1	12.53	1.10	34.04	7.86	.23
88/12/09	08:20	12/09	15:00	57-31.6S	100-10.9	4580	1.7	-3.0	14.2	12.53	1.26	34.03	7.91	.24
88/12/09	08:25	12/09	15:05	57-32.0S	100-08.8	4600	1.7	-3.0	14.3	12.53	1.34	33.93	7.91	.24
88/12/09	08:30	12/09	15:10	57-32.5S	100-06.7	4550	1.7	-3.0	14.2	12.53	1.34	34.10	7.87	.24
88/12/09	08:35	12/09	15:15	57-32.9S	100-04.7	4650	1.7	-3.0	14.3	12.53	1.34	34.10	7.88	.24
88/12/09	08:40	12/09	15:20	57-33.5S	100-02.6	4650	1.7	-3.0	14.2	12.53	1.26	34.03	7.81	.25
88/12/09	08:45	12/09	15:25	57-33.8S	100-01.3	4850	1.7	-3.0	14.3	12.53	1.34	33.93	7.81	.25
88/12/09	08:50	12/09	15:29	57-34.3S	099-59.2	4850	1.7	-3.0	14.0	12.53	1.34	34.10	7.81	.25
88/12/09	08:55	12/09	15:34	57-34.8S	099-57.2	4550	1.7	-3.0	14.4	12.53	1.43	34.02	7.80	.25
88/12/09	09:00	12/09	15:39	57-35.3S	099-55.2	4700	1.8	-3.0	14.4	12.53	1.51	33.92	7.82	.24
88/12/09	09:05	12/09	15:44	57-35.6S	099-53.2	4710	1.8	-3.0	14.4	12.53	1.34	34.10	7.80	.24
88/12/09	09:10	12/09	15:49	57-36.1S	099-51.1	4771	1.8	-3.0	14.4	12.53	1.34	34.10	7.78	.24
88/12/09	09:15	12/09	15:54	57-36.6S	099-49.1	4700	1.8	-3.0	14.3	12.53	1.59	33.99	7.83	.25
88/12/09	09:20	12/09	15:59	57-37.1S	099-47.1	4400	1.8	-3.0	14.0	12.53	1.75	33.98	7.85	.25
88/12/09	09:25	12/09	16:04	57-37.6S	099-45.1	4500	1.8	-3.0	13.5	12.53	1.75	33.98	7.79	.25
88/12/09	09:30	12/09	16:08	57-38.0S	099-43.1	4600	1.8	-3.0	14.3	12.53	1.75	33.98	7.79	.25
88/12/09	09:35	12/09	16:13	57-38.6S	099-41.1	4474	1.8	-3.0	14.4	12.53	1.83	34.06	7.78	.24
88/12/09	09:40	12/09	16:18	57-39.0S	099-39.4	4387	1.8	-3.0	14.6	12.53	1.83	34.06	7.74	.24
88/12/09	09:45	12/09	16:23	57-39.5S	099-37.3	4365	1.8	-3.0	14.1	12.53	1.83	34.06	7.76	.25
88/12/09	09:50	12/09	16:28	57-40.0S	099-35.3	4310	1.8	-3.0	14.0	12.53	1.75	33.98	7.74	.25
88/12/09	09:55	12/09	16:33	57-40.4S	099-33.3	4300	1.8	-3.0	14.7	12.53	1.75	33.98	7.71	.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]
88/12/09	10:00	12/09	16:38	57-40.8S	099-31.3	4300	1.8	-3.0	14.4	12.53	1.75	33.98	7.73	.25
88/12/09	10:05	12/09	16:42	57-41.4S	099-29.2	4300	1.8	-3.0	14.5	12.53	1.75	33.98	7.73	.24
88/12/09	10:10	12/09	16:47	57-41.8S	099-27.7	4300	1.9	-3.0	13.9	12.53	1.75	33.98	7.71	.25
88/12/09	10:15	12/09	16:52	57-42.4S	099-25.3	4305	1.9	-3.0	14.4	12.61	1.67	34.08	7.69	.25
88/12/09	10:20	12/09	16:57	57-43.1S	099-23.9	0	1.9	-3.0	14.6	12.61	1.75	33.98	7.71	.25
88/12/09	10:25	12/09	17:02	57-43.5S	099-22.3	4242	1.9	-3.0	14.3	12.61	1.75	33.98	7.73	.25
88/12/09	10:30	12/09	17:07	57-44.1S	099-19.9	4300	1.9	-3.0	14.4	12.53	1.75	33.98	7.73	.25
88/12/09	10:35	12/09	17:12	57-44.6S	099-17.9	4100	1.8	-3.0	14.5	12.53	1.67	34.08	7.72	.26
88/12/09	10:40	12/09	17:17	57-45.1S	099-15.9	4300	1.8	-3.0	14.2	12.53	1.75	33.98	7.74	.26
88/12/09	10:45	12/09	17:21	57-45.5S	099-13.9	4300	1.8	-3.0	14.5	12.53	1.59	33.99	7.70	.27
88/12/09	10:50	12/09	17:26	57-46.1S	099-12.7	4300	1.8	-3.0	14.7	12.61	1.43	34.02	7.66	.27
88/12/09	10:55	12/09	17:31	57-46.6S	099-10.7	4354	1.8	-3.0	14.0	12.53	1.34	33.93	7.65	.27
88/12/09	11:00	12/09	17:36	57-47.1S	099-08.7	4300	1.8	-3.0	14.4	12.53	1.26	34.03	7.65	.27
88/12/09	11:05	12/09	17:41	57-47.6S	099-06.7	4300	1.8	-3.0	14.3	12.53	1.34	34.10	7.70	.27
88/12/09	11:10	12/09	17:46	57-48.2S	099-04.7	4483	1.8	-3.0	14.5	12.53	1.34	33.93	7.71	.27
88/12/09	11:15	12/09	17:51	57-48.7S	099-02.6	0	1.8	-3.0	14.4	12.53	1.26	34.03	7.71	.28
88/12/09	11:20	12/09	17:56	57-49.2S	099-00.7	4400	1.7	-3.0	14.1	12.61	1.26	34.03	7.70	.29
88/12/09	11:25	12/09	18:00	57-49.7S	098-58.7	4400	1.0	-3.0	14.1	12.61	1.26	34.03	7.72	.29
88/12/09	11:30	12/09	18:05	57-50.3S	098-56.8	4400	1.8	-3.0	14.2	12.53	1.26	34.03	7.72	.30
88/12/09	11:35	12/09	18:10	57-50.8S	098-54.8	4280	1.7	-3.0	14.4	12.61	1.26	34.03	7.75	.32
88/12/09	11:40	12/09	18:15	57-51.2S	098-52.8	4300	1.7	-3.0	14.5	12.61	1.26	34.03	7.70	.30
88/12/09	11:45	12/09	18:20	57-51.8S	098-50.8	4270	1.6	-3.0	14.3	12.53	1.18	33.95	7.67	.30
88/12/09	11:50	12/09	18:25	57-52.3S	098-48.8	4351	1.5	-3.0	14.2	12.53	.61	34.07	7.55	.30
88/12/09	11:55	12/09	18:30	57-52.7S	098-46.8	4400	1.5	-3.0	13.9	12.61	.77	34.06	7.62	.31
88/12/09	12:00	12/09	18:34	57-53.3S	098-44.5	4400	1.4	-3.0	14.3	12.53	.69	33.98	7.62	.31
88/12/09	12:05	12/09	18:39	57-53.8S	098-42.5	4436	1.4	-3.0	14.2	12.61	.53	33.99	7.62	.31
88/12/09	12:10	12/09	18:44	57-54.3S	098-40.5	4537	1.4	-3.0	13.8	12.61	.45	33.92	7.62	.31
88/12/09	12:15	12/09	18:49	57-54.7S	098-38.9	4500	1.4	-3.0	14.4	12.61	.45	33.92	7.66	.32
88/12/09	12:20	12/09	18:54	57-55.8S	098-36.3	4500	1.4	-3.0	14.4	12.61	.45	33.92	7.70	.32
88/12/09	12:25	12/09	18:59	57-56.4S	098-34.3	4600	1.4	-3.0	13.7	12.61	.45	33.92	7.72	.33
88/12/09	12:30	12/09	19:04	57-56.8S	098-32.3	4600	1.4	-3.0	13.9	12.61	.37	34.01	7.72	.33
88/12/09	12:35	12/09	19:09	57-57.4S	098-30.3	4600	1.3	-3.0	14.2	12.61	.45	33.92	7.74	.33
88/12/09	12:40	12/09	19:13	57-57.7S	098-28.7	4300	1.3	-3.0	14.0	12.61	.37	34.01	7.77	.33
88/12/09	12:45	12/09	19:18	57-58.2S	098-26.8	4500	1.3	-3.0	14.1	12.61	.45	33.92	7.76	.33
88/12/09	12:50	12/09	19:23	57-58.7S	098-24.6	4500	1.3	-3.0	14.1	12.61	.45	33.92	7.74	.33
88/12/09	12:55	12/09	19:28	57-59.2S	098-22.6	0	1.3	-3.0	14.2	12.61	.37	34.01	7.74	.33
88/12/09	13:00	12/09	19:33	57-59.6S	098-20.6	0	1.3	-3.0	14.2	12.61	.37	34.01	7.75	.33
88/12/09	13:05	12/09	19:38	58-00.2S	098-18.1	4468	1.3	-3.0	14.5	12.61	.37	34.01	7.77	.34
88/12/09	13:10	12/09	19:43	58-00.5S	098-16.5	4500	1.3	-3.0	14.4	12.61	.45	33.92	7.79	.34
88/12/09	13:15	12/09	19:47	58-01.0S	098-14.5	4500	1.3	-3.0	14.3	12.61	.37	34.01	7.79	.34
88/12/09	13:20	12/09	19:52	58-01.5S	098-12.4	4500	1.3	-3.0	13.9	12.61	.37	34.01	7.79	.33
88/12/09	13:25	12/09	19:57	58-02.0S	098-10.0	4600	1.3	-3.0	14.3	12.61	.45	34.09	7.79	.33
88/12/09	13:30	12/09	20:02	58-02.5S	098-08.0	4600	1.3	-3.0	14.4	12.61	.53	33.99	7.78	.33
88/12/09	13:35	12/09	20:07	58-02.9S	098-06.3	4600	1.3	-3.0	13.8	12.61	.53	33.99	7.78	.33
88/12/09	13:40	12/09	20:12	58-03.4S	098-04.3	4600	1.3	-3.0	13.9	12.61	.53	33.99	7.80	.34
88/12/09	13:45	12/09	20:17	58-03.9S	098-01.9	4565	1.3	-3.0	14.2	12.61	.37	34.01	7.77	.34
88/12/09	13:50	12/09	20:22	58-04.3S	098-00.2	4540	1.3	-3.0	13.9	12.61	.45	33.92	7.78	.34
88/12/09	13:55	12/09	20:28	58-04.7S	097-56.4	4540	1.4	-3.0	13.5	12.61	1.01	33.96	7.90	.35
88/12/09	14:00	12/09	20:31	58-05.2S	097-54.3	4700	1.5	-3.0	14.5	12.61	1.18	34.11	7.96	.34
88/12/09	14:05	12/09	20:36	58-05.7S	097-52.2	4434	1.6	-3.0	13.7	12.61	1.18	34.11	7.92	.34
88/12/09	14:10	12/09	20:41	58-06.2S	097-50.2	4449	1.6	-3.0	13.9	12.53	1.18	33.95	7.88	.33

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]
88/12/09	14:15	12/09	20:46	58-06.7S	097-48.1	4466	1.6	-3.0	14.1	12.53	1.26	34.03	7.88	.33
88/12/09	14:20	12/09	20:51	58-07.2S	097-46.0	4466	1.6	-3.0	14.4	12.53	1.26	34.03	7.86	.33
88/12/09	14:25	12/09	20:56	58-07.7S	097-43.9	4448	1.6	-3.0	14.5	12.53	1.26	34.03	7.86	.33
88/12/09	14:30	12/09	21:00	58-08.2S	097-41.8	4479	1.6	-3.0	13.8	12.53	1.26	34.03	7.86	.34
88/12/09	14:35	12/09	21:05	58-08.7S	097-39.8	4552	1.7	-3.0	14.2	12.53	1.10	34.04	7.79	.32
88/12/09	14:40	12/09	21:10	58-09.2S	097-37.7	4502	1.7	-3.0	14.3	12.61	.85	33.97	7.73	.32
88/12/09	14:45	12/09	21:15	58-09.7S	097-35.6	4464	1.7	-3.0	14.2	12.53	.85	33.97	7.74	.33
88/12/09	14:50	12/09	21:20	58-10.2S	097-33.4	4460	1.7	-3.0	14.6	12.53	.69	33.98	7.72	.33
88/12/09	14:55	12/09	21:25	58-10.7S	097-31.3	4420	1.6	-3.0	13.9	12.53	.69	33.98	7.73	.33
88/12/09	15:00	12/09	21:29	58-11.2S	097-29.3	4368	1.6	-3.0	14.3	12.53	.69	33.98	7.75	.33
88/12/09	15:05	12/09	21:34	58-11.8S	097-27.2	4348	1.7	-3.0	14.2	12.53	.63	33.99	7.74	.34
88/12/09	15:10	12/09	21:39	58-12.3S	097-25.1	4306	1.7	-3.0	14.4	12.53	.61	34.07	7.76	.33
88/12/09	15:15	12/09	21:44	58-12.8S	097-23.0	4304	1.6	-3.0	14.3	12.53	.45	33.92	7.75	.34
88/12/09	15:20	12/09	21:49	58-13.3S	097-20.9	4284	1.6	-3.0	14.2	12.53	.45	33.92	7.77	.34
88/12/09	15:25	12/09	21:54	58-13.8S	097-18.8	4288	1.6	-3.0	13.8	12.53	.63	33.99	7.77	.34
88/12/09	15:30	12/09	21:59	58-14.3S	097-16.8	4284	1.6	-3.0	14.0	12.63	.45	33.92	7.80	.36
88/12/09	15:35	12/09	22:03	58-14.8S	097-14.8	4239	1.6	-3.0	14.2	12.53	.37	34.01	7.76	.35
88/12/09	15:40	12/09	22:08	58-15.4S	097-12.7	4231	1.6	-3.0	14.1	12.53	.45	33.92	7.77	.34
88/12/09	15:45	12/09	22:13	58-15.9S	097-10.6	4259	1.6	-3.0	14.8	12.53	.45	33.92	7.85	.35
88/12/09	15:50	12/09	22:18	58-16.4S	097-08.5	0	1.6	-3.0	13.9	12.53	.29	33.93	7.79	.36
88/12/09	15:55	12/09	22:23	58-17.2S	097-06.8	4230	1.6	-3.0	14.0	12.53	.21	34.02	7.76	.36
88/12/09	16:00	12/09	22:28	58-17.7S	097-04.9	4220	1.6	-3.0	14.0	12.53	.21	34.02	7.78	.36
88/12/09	16:05	12/09	22:33	58-18.2S	097-02.8	4281	1.6	-3.0	14.1	12.53	.29	33.93	7.81	.37
88/12/09	16:10	12/09	22:38	58-18.7S	097-00.7	4300	1.5	-3.0	13.9	12.53	.21	34.02	7.79	.36
88/12/09	16:15	12/09	22:42	58-19.3S	096-58.7	4300	1.5	-3.0	13.9	12.53	.21	34.02	7.78	.36
88/12/09	16:20	12/09	22:47	58-19.8S	096-56.6	4294	1.6	-3.0	14.2	12.53	.21	34.02	7.80	.36
88/12/09	16:25	12/09	22:52	58-20.3S	096-54.5	4325	1.6	-3.0	14.4	12.53	.29	33.93	7.84	.37
88/12/09	16:30	12/09	22:57	58-20.8S	096-52.4	0	1.6	-3.0	14.3	12.53	.21	34.02	7.82	.37
88/12/09	16:35	12/09	23:02	58-21.4S	096-50.3	4300	1.6	-3.0	14.0	12.53	.29	33.93	7.84	.36
88/12/09	16:40	12/09	23:07	58-21.9S	096-48.3	4297	1.6	-3.0	13.8	12.53	.29	33.93	7.83	.36
88/12/09	16:45	12/09	23:12	58-22.4S	096-46.3	4276	1.6	-3.0	14.2	12.53	.29	33.93	7.84	.35
88/12/09	16:50	12/09	23:16	58-22.9S	096-44.2	4198	1.6	-3.0	14.0	12.61	.29	33.93	7.83	.35
88/12/09	16:55	12/09	23:21	58-23.5S	096-42.2	4135	1.6	-3.0	14.1	12.53	.29	33.93	7.85	.36
88/12/09	17:00	12/09	23:26	58-24.0S	096-40.1	4090	1.6	-3.0	13.9	12.68	.29	33.93	7.84	.35
88/12/09	17:05	12/09	23:31	58-24.5S	096-38.1	0	1.6	-3.0	13.8	12.53	.29	33.93	7.89	.35
88/12/09	17:10	12/09	23:36	58-25.0S	096-36.1	0	1.6	-3.0	14.2	12.53	.21	34.02	7.87	.37
88/12/09	17:15	12/09	23:41	58-25.4S	096-34.4	4015	1.5	-3.0	13.6	12.53	.21	34.02	7.87	.36
88/12/09	17:20	12/09	23:46	58-25.9S	096-32.4	4000	1.5	-3.0	14.3	12.53	.13	33.94	7.86	.36
88/12/09	17:25	12/09	23:51	58-26.4S	096-30.4	3992	1.5	-3.0	14.1	12.53	.13	33.94	7.88	.36
88/12/09	17:30	12/09	23:55	58-26.9S	096-28.3	4006	1.5	-3.0	13.7	12.61	.13	33.94	7.90	.36
88/12/09	17:35	12/10	00:00	58-27.4S	096-26.3	4044	1.5	-3.0	14.1	12.61	.13	33.94	7.88	.36
88/12/09	17:40	12/10	00:05	58-28.0S	096-24.3	4109	1.5	-3.0	14.4	12.61	.13	33.94	7.90	.36
88/12/09	17:45	12/10	00:10	58-28.4S	096-22.6	4154	1.5	-3.0	14.4	12.61	.13	33.94	7.89	.36
88/12/09	17:50	12/10	00:15	58-29.0S	096-20.6	4187	1.4	-3.0	14.4	12.61	.13	33.94	7.89	.36
88/12/09	17:55	12/10	00:20	58-29.5S	096-18.5	4232	1.4	-3.0	14.2	12.61	.13	33.94	7.90	.36
88/12/09	18:00	12/10	00:25	58-30.0S	096-16.5	4256	1.4	-3.0	14.0	12.61	.05	34.03	7.89	.36
88/12/09	18:05	12/10	00:29	58-30.5S	096-14.5	4265	1.4	-3.0	14.1	12.61	.05	34.03	7.88	.36
88/12/09	18:10	12/10	00:34	58-31.1S	096-12.4	4326	1.4	-3.0	13.9	12.61	.05	34.03	7.89	.36
88/12/09	18:15	12/10	00:39	58-31.6S	096-10.4	4442	1.4	-3.0	13.7	12.68	.05	34.03	7.90	.36
88/12/09	18:20	12/10	00:44	58-32.1S	096-08.4	4000	1.4	-3.0	14.0	12.68	.05	34.03	7.95	.36
88/12/09	18:25	12/10	00:49	58-32.6S	096-06.4	0	1.4	-3.0	14.1	12.68	.13	33.94	7.93	.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]
88/12/09	18:30	12/10	00:54	58-33.2S	096-04.3	0	1.4	-3.0	14.5	12.68	.05	34.03	7.92	.35
88/12/09	18:35	12/10	00:59	58-33.7S	096-02.3	4476	1.3	-3.0	14.4	12.68	.05	34.03	7.93	.35
88/12/09	18:40	12/10	01:04	58-34.2S	096-00.2	4510	1.3	-3.0	14.4	12.68	.05	34.03	7.91	.35
88/12/09	18:45	12/10	01:08	58-34.7S	096-58.1	4525	1.3	-3.0	14.3	12.68	.05	34.03	7.91	.35
88/12/09	18:50	12/10	01:13	58-35.3S	096-56.0	4501	1.3	-3.0	14.6	12.68	.05	34.03	7.91	.35
88/12/09	18:55	12/10	01:18	58-35.8S	096-54.0	4517	1.3	-3.0	14.5	12.68	.05	34.03	7.91	.35
88/12/09	19:00	12/10	01:23	58-36.4S	096-51.9	4490	1.3	-3.0	14.3	12.63	.05	34.03	7.90	.36
88/12/09	19:05	12/10	01:28	58-36.4S	096-49.6	4526	1.3	-3.0	14.1	12.53	.05	33.86	7.89	.35
88/12/09	19:10	12/10	01:33	58-37.0S	096-47.5	4583	1.3	-3.0	14.5	12.53	.05	34.03	7.93	.36
88/12/09	19:15	12/10	01:38	58-37.5S	096-45.4	4627	1.3	-3.0	14.6	12.53	.05	34.03	7.93	.36
88/12/09	19:20	12/10	01:42	58-38.0S	096-43.3	4811	1.3	-3.0	14.7	12.53	.13	33.94	7.97	.36
88/12/09	19:25	12/10	01:47	58-38.6S	096-41.2	4479	1.3	-3.0	14.2	12.53	.13	33.94	7.98	.35
88/12/09	19:30	12/10	01:52	58-39.0S	096-39.3	4419	1.3	-3.0	14.1	12.53	.13	33.94	7.97	.35
88/12/09	19:35	12/10	01:57	58-39.5S	096-37.2	4381	1.3	-3.0	14.3	12.53	.13	33.94	7.93	.35
88/12/09	19:40	12/10	02:02	58-40.0S	096-35.2	4347	1.3	-3.0	14.3	12.53	.13	33.94	7.96	.35
88/12/09	19:45	12/10	02:07	58-40.5S	096-33.1	4347	1.3	-3.0	14.4	12.53	.13	33.94	8.00	.35
88/12/09	19:50	12/10	02:12	58-41.0S	096-31.0	4295	1.3	-3.0	14.2	12.53	.13	33.94	8.00	.35
88/12/09	19:55	12/10	02:16	58-41.6S	096-28.9	4336	1.3	-3.0	14.4	12.53	.13	33.94	8.02	.34
88/12/09	20:00	12/10	02:21	58-42.1S	096-26.8	4331	1.3	-3.0	14.8	12.53	.13	33.94	8.01	.34
88/12/09	20:05	12/10	02:26	58-42.7S	096-24.8	4339	1.2	-3.0	14.4	12.53	.13	33.94	7.99	.34
88/12/09	20:10	12/10	02:31	58-43.3S	096-22.9	4314	1.2	-3.0	14.8	12.53	.13	33.94	8.00	.34
88/12/09	20:15	12/10	02:36	58-43.9S	096-20.8	4268	1.2	-3.0	14.6	12.53	.13	33.94	7.99	.34
88/12/09	20:20	12/10	02:41	58-44.6S	096-18.8	4287	1.2	-3.0	14.5	12.53	.13	33.94	8.00	.34
88/12/09	20:25	12/10	02:46	58-45.2S	096-16.9	4286	1.2	-3.0	14.6	12.53	.05	34.03	8.00	.34
88/12/09	20:30	12/10	02:50	58-45.8S	096-14.8	4250	1.2	-3.0	14.1	12.53	.05	34.03	8.02	.34
88/12/09	20:35	12/10	02:55	58-46.3S	096-12.7	4268	1.1	-3.0	14.3	12.53	.13	33.94	8.04	.34
88/12/09	20:40	12/10	03:00	58-46.8S	096-10.7	4353	1.1	-3.0	14.2	12.53	.21	33.85	8.05	.34
88/12/09	20:45	12/10	03:05	58-47.2S	096-08.5	4381	1.1	-3.0	14.3	12.53	.13	33.94	8.03	.34
88/12/09	20:50	12/10	03:10	58-47.8S	096-06.4	4400	1.1	-3.0	14.5	12.53	.13	33.94	8.02	.34
88/12/09	20:55	12/10	03:15	58-48.1S	096-03.4	4355	1.0	-3.0	14.6	12.53	.13	33.94	8.02	.33
88/12/09	21:00	12/10	03:20	58-48.6S	096-01.2	4410	1.0	-3.0	13.8	12.53	.21	34.02	8.06	.33
88/12/09	21:05	12/10	03:24	58-49.1S	094-59.2	4370	1.0	-3.0	14.0	12.53	.21	34.02	8.05	.33
88/12/09	21:10	12/10	03:29	58-49.6S	094-57.0	4413	1.0	-3.0	14.1	12.53	.13	33.94	8.02	.33
88/12/09	21:15	12/10	03:34	58-50.2S	094-54.9	4409	1.0	-3.0	14.6	12.53	.21	33.85	8.06	.33
88/12/09	21:20	12/10	03:39	58-50.8S	094-53.0	4372	1.0	-3.0	14.4	12.53	.21	33.85	8.05	.33
88/12/09	21:25	12/10	03:44	58-51.7S	094-51.2	4446	1.0	-3.0	14.6	12.53	.13	33.94	8.01	.33
88/12/09	21:30	12/10	03:49	58-52.5S	094-48.8	4400	1.1	-3.0	14.6	12.53	.21	34.02	8.05	.32
88/12/09	21:35	12/10	03:54	58-53.3S	094-47.0	4404	1.0	-3.0	14.7	12.53	.29	33.93	8.07	.31
88/12/09	21:40	12/10	03:59	58-53.9S	094-45.0	4444	1.0	-3.0	14.4	12.53	.29	33.93	8.05	.31
88/12/09	21:45	12/10	04:03	58-54.4S	094-42.9	4455	1.0	-3.0	13.8	12.53	.21	34.02	8.02	.30
88/12/09	21:50	12/10	04:08	58-55.0S	094-40.8	4462	.9	-3.0	13.9	12.53	.21	34.02	8.02	.30
88/12/09	21:55	12/10	04:13	58-55.5S	094-38.7	4445	.9	-3.0	14.2	12.53	.29	33.93	8.05	.30
88/12/09	22:00	12/10	04:18	58-56.0S	094-36.6	4466	1.2	-3.0	14.6	12.53	.29	33.93	8.03	.30
88/12/09	22:05	12/10	04:23	58-56.5S	094-34.4	4461	1.1	-3.0	14.4	12.53	.37	33.84	8.06	.29
88/12/09	22:10	12/10	04:28	58-57.1S	094-32.3	4447	1.1	-3.0	13.7	12.53	.37	33.84	8.05	.29
88/12/09	22:15	12/10	04:33	58-57.6S	094-30.3	4420	.9	-3.0	14.6	12.61	.21	33.85	8.04	.30
88/12/09	22:20	12/10	04:37	58-58.1S	094-28.1	4440	.8	-3.0	14.4	12.53	.13	33.94	8.00	.31
88/12/09	22:25	12/10	04:42	58-58.7S	094-26.0	4338	.8	-3.0	14.3	12.61	.13	33.77	8.00	.31
88/12/09	22:30	12/10	04:47	58-59.2S	094-23.8	4449	.8	-3.0	14.4	12.53	.05	33.86	8.01	.31
88/12/09	22:35	12/10	04:52	58-59.7S	094-20.8	4503	.8	-3.0	14.5	12.53	.13	33.94	8.04	.30
88/12/09	22:40	12/10	04:57	59-00.2S	094-18.7	4551	.8	-3.0	14.3	12.53	.21	33.85	8.05	.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]
88/12/09	22:45	12/10	05:02	59-00.8S	094-16.5	4533	.8	-3.0	14.2	12.53	.13	33.94	8.05	.30
88/12/09	22:50	12/10	05:06	59-01.2S	094-14.3	4537	.8	-3.0	14.3	12.53	.06	33.86	8.02	.30
88/12/09	22:55	12/10	05:11	59-01.6S	094-12.1	4534	.8	-3.0	14.1	12.53	-.12	33.87	7.98	.50
88/12/09	23:00	12/10	05:16	59-01.9S	094-09.8	4530	.7	-3.0	14.0	12.61	-.12	33.87	8.03	.30
88/12/09	23:05	12/10	05:21	59-02.3S	094-07.6	4533	.8	-3.0	14.2	12.61	-.12	33.87	8.03	.30
88/12/09	23:10	12/10	05:26	59-02.7S	094-05.3	4528	.6	-3.0	14.2	12.53	-.12	33.87	8.05	.30
88/12/09	23:15	12/10	05:31	59-03.1S	094-03.1	4555	.5	-3.0	13.4	12.53	-.12	33.87	8.07	.30
88/12/09	23:20	12/10	05:36	59-03.5S	094-01.0	4531	.2	-3.0	13.9	12.53	-.12	33.87	8.04	.30
88/12/09	23:25	12/10	05:40	59-04.0S	093-58.7	4440	.1	-3.0	14.5	12.61	-.12	33.87	8.05	.29
88/12/09	23:30	12/10	05:45	59-04.4S	093-56.5	4536	.1	-3.0	14.3	12.61	-.12	33.87	8.08	.29
88/12/09	23:35	12/10	05:50	59-04.9S	093-54.3	4525	.1	-3.0	14.1	12.53	-.20	33.96	8.04	.29
88/12/09	23:40	12/10	05:55	59-05.3S	093-52.1	4534	.2	-3.0	14.4	12.61	-.20	33.79	8.03	.29
88/12/09	23:45	12/10	06:00	59-05.7S	093-49.9	4536	.3	-3.0	14.3	12.61	-.12	33.87	8.05	.29
88/12/09	23:50	12/10	06:05	59-06.1S	093-47.6	4533	.4	-3.0	14.4	12.53	.13	33.94	8.13	.29
88/12/09	23:55	12/10	06:10	59-06.5S	093-45.4	4539	.2	-3.0	14.1	12.53	.13	33.94	8.12	.28
88/12/10	00:00	12/10	06:14	59-06.8S	093-43.1	4531	.1	-3.0	13.7	12.53	.13	33.77	8.11	.28
88/12/10	00:05	12/10	06:19	59-07.1S	093-40.9	4527	0.0	-3.0	13.4	12.61	-.04	33.78	8.07	.28
88/12/10	00:10	12/10	06:24	59-07.4S	093-38.8	4530	-.1	-3.0	13.6	12.53	-.12	33.87	8.05	.28
88/12/10	00:15	12/10	06:29	59-07.7S	093-36.5	4527	-.2	-3.0	14.4	12.61	-.12	33.87	8.06	.27
88/12/10	00:20	12/10	06:34	59-08.0S	093-34.3	4522	-.2	-3.0	14.4	12.61	-.20	33.96	8.05	.27
88/12/10	00:25	12/10	06:39	59-08.3S	093-32.0	4523	-.3	-3.0	14.0	12.61	-.12	33.87	8.07	.27
88/12/10	00:30	12/10	06:43	59-08.7S	093-29.8	4522	-.3	-3.0	14.3	12.61	-.12	33.87	8.07	.26
88/12/10	00:35	12/10	06:48	59-09.0S	093-27.5	4523	-.3	-3.0	14.1	12.61	-.04	33.95	8.11	.26
88/12/10	00:40	12/10	06:53	59-09.3S	093-25.2	4531	-.3	-3.0	14.2	12.61	-.12	33.87	8.09	.26
88/12/10	00:45	12/10	06:58	59-09.7S	093-23.0	4525	-.3	-3.0	14.2	12.61	.13	33.94	8.12	.26
88/12/10	00:50	12/10	07:03	59-10.1S	093-20.8	4518	-.3	-3.0	14.1	12.61	.06	33.86	8.09	.25
88/12/10	00:55	12/10	07:08	59-10.7S	093-18.7	4518	-.3	-3.0	14.0	12.61	.13	33.94	8.12	.25
88/12/10	01:00	12/10	07:13	59-11.2S	093-16.6	4523	-.4	-3.0	13.6	12.61	.21	33.85	8.15	.25
88/12/10	01:05	12/10	07:17	59-11.7S	093-14.5	4519	-.4	-3.0	13.7	12.61	.21	34.02	8.15	.24
88/12/10	01:10	12/10	07:22	59-12.2S	093-12.4	4513	-.4	-3.0	14.1	12.61	.21	34.02	8.16	.24
88/12/10	01:15	12/10	07:27	59-12.7S	093-10.3	4522	-.4	-3.0	13.9	12.61	.13	33.94	8.15	.23
88/12/10	01:20	12/10	07:32	59-13.2S	093-08.2	4526	-.4	-3.0	13.9	12.61	.13	33.77	8.11	.23
88/12/10	01:25	12/10	07:37	59-13.7S	093-06.1	4524	-.4	-3.0	13.9	12.61	.13	33.94	8.15	.24
88/12/10	01:30	12/10	07:42	59-14.2S	093-04.0	4206	-.4	-3.0	13.8	12.61	.21	33.85	8.16	.23
88/12/10	01:35	12/10	07:47	59-14.8S	093-01.9	0	-.5	-3.0	13.9	12.61	.21	33.85	8.18	.23
88/12/10	01:40	12/10	07:51	59-15.3S	092-59.7	4358	-.5	-3.0	13.0	12.61	.21	33.85	8.13	.23
88/12/10	01:45	12/10	07:56	59-15.8S	092-57.6	4519	-.5	-3.0	14.1	12.61	.21	33.85	8.18	.23
88/12/10	01:50	12/10	08:01	59-16.3S	092-55.5	4520	-.5	-3.0	14.1	12.61	.21	33.85	8.18	.23
88/12/10	01:55	12/10	08:06	59-16.8S	092-53.3	4515	-.5	-3.0	14.2	12.61	.21	33.85	8.17	.23
88/12/10	02:00	12/10	08:11	59-17.3S	092-51.2	4514	-.4	-3.0	13.8	12.61	.13	33.94	8.15	.22
88/12/10	02:05	12/10	08:16	59-17.8S	092-48.6	4518	-.4	-3.0	14.4	12.61	.13	33.77	8.14	.23
88/12/10	02:10	12/10	08:20	59-19.5S	092-44.2	4522	-.4	-3.0	14.1	12.61	.21	33.85	8.19	.23
88/12/10	02:15	12/10	08:25	59-20.0S	092-42.0	4533	-.5	-3.0	14.0	12.61	.29	33.93	8.19	.23
88/12/10	02:20	12/10	08:30	59-20.5S	092-39.8	4510	-.5	-3.0	14.1	12.61	.37	33.84	8.22	.23
88/12/10	02:25	12/10	08:35	59-21.1S	092-37.6	4507	-.5	-3.0	14.1	12.61	.29	33.93	8.19	.23
88/12/10	02:30	12/10	08:40	59-21.8S	092-35.5	4513	-.4	-3.0	14.1	12.61	.29	33.76	8.16	.23
88/12/10	02:35	12/10	08:45	59-22.4S	092-33.4	4506	-.4	-3.0	14.1	12.61	.29	33.93	8.19	.23
88/12/10	02:40	12/10	08:50	59-23.0S	092-31.2	4503	-.4	-3.0	14.3	12.61	.29	33.76	8.18	.23
88/12/10	02:45	12/10	08:54	59-23.6S	092-29.1	4511	-.3	-3.0	14.2	12.61	.21	33.85	8.17	.23
88/12/10	02:50	12/10	08:59	59-24.4S	092-27.1	4509	-.2	-3.0	13.9	12.61	.21	33.85	8.17	.22
88/12/10	02:55	12/10	09:04	59-25.1S	092-26.1	4501	-.3	-3.0	14.4	12.61	.21	33.85	8.19	.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]
88/12/10	03:00	12/10	09:09	59-26.0S	092-24.3	4500	-3	-3.0	14.8	12.61	.13	33.77	8.16	.22
88/12/10	03:05	12/10	09:14	59-26.9S	092-22.6	4501	-3	-3.0	14.2	12.61	.05	33.86	8.15	.22
88/12/10	03:10	12/10	09:19	59-27.7S	092-20.6	4495	-2	-3.0	14.2	12.61	.05	33.86	8.15	.22
88/12/10	03:15	12/10	09:24	59-28.3S	092-18.4	4516	-1	-3.0	14.2	12.61	.05	33.86	8.16	.22
88/12/10	03:20	12/10	09:29	59-28.8S	092-16.3	4498	0.0	-3.0	14.2	12.61	.05	33.86	8.20	.22
88/12/10	03:25	12/10	09:33	59-29.3S	092-14.0	4493	0.0	-3.0	14.4	12.61	.05	33.86	8.19	.21
88/12/10	03:30	12/10	09:38	59-29.8S	092-11.9	4505	-1	-3.0	14.1	12.61	.13	33.94	8.19	.22
88/12/10	03:35	12/10	09:43	59-30.4S	092-09.7	4494	-1	-3.0	14.2	12.61	.29	33.93	8.25	.22
88/12/10	03:40	12/10	09:48	59-30.9S	092-07.4	4491	-1	-3.0	14.3	12.61	.21	34.02	8.24	.22
88/12/10	03:45	12/10	09:53	59-31.4S	092-05.2	4480	-1	-3.0	14.3	12.61	-.04	33.95	8.14	.22
88/12/10	03:50	12/10	09:58	59-32.0S	092-03.1	4492	-1	-3.0	14.2	12.61	-.28	33.88	8.10	.22
88/12/10	03:55	12/10	10:03	59-32.7S	092-01.0	4473	-1	-3.0	13.9	12.61	-.36	33.80	8.09	.22
88/12/10	04:00	12/10	10:07	59-33.2S	091-58.9	4481	-1	-3.0	14.0	12.61	-.44	33.89	8.08	.22
88/12/10	04:05	12/10	10:12	59-33.8S	091-56.6	4487	0.0	-3.0	14.2	12.61	-.28	33.88	8.15	.21
88/12/10	04:10	12/10	10:17	59-34.3S	091-54.4	4471	0.0	-3.0	14.2	12.61	-.28	33.88	8.18	.21
88/12/10	04:15	12/10	10:22	59-34.9S	091-52.3	4487	.1	-3.0	14.2	12.61	-.36	33.80	8.18	.21
88/12/10	04:20	12/10	10:27	59-35.2S	091-52.0	4486	.1	-3.0	13.9	12.61	-.36	33.97	8.17	.21
88/12/10	04:25	12/10	10:32	59-35.7S	091-49.8	4482	.1	-3.0	14.2	12.61	-.36	33.80	8.15	.21
88/12/10	04:30	12/10	10:37	59-36.2S	091-47.6	4482	.2	-3.0	14.2	12.61	-.36	33.97	8.17	.21
88/12/10	04:35	12/10	10:42	59-36.7S	091-45.5	4475	.3	-3.0	14.3	12.61	-.36	33.97	8.18	.21
88/12/10	04:40	12/10	10:46	59-37.2S	091-43.3	4493	.3	-3.0	13.9	12.61	-.36	33.97	8.18	.21
88/12/10	04:45	12/10	10:51	59-37.6S	091-40.7	4458	.3	-3.0	14.4	12.61	-.28	33.88	8.26	.21
88/12/10	04:50	12/10	10:56	59-38.1S	091-38.5	4459	.3	-3.0	13.9	12.61	-.28	33.88	8.26	.21
88/12/10	04:55	12/10	11:01	59-38.6S	091-36.3	4466	.3	-3.0	14.5	12.61	-.28	33.88	8.26	.20
88/12/10	05:00	12/10	11:06	59-39.1S	091-34.1	4467	.2	-3.0	14.1	12.61	-.36	33.80	8.25	.20
88/12/10	05:05	12/10	11:11	59-39.6S	091-32.0	4459	.1	-3.0	14.2	12.61	-.36	33.80	8.28	.21
88/12/10	05:10	12/10	11:16	59-40.1S	091-29.8	4457	.1	-3.0	14.2	12.61	-.28	33.88	8.33	.21
88/12/10	05:15	12/10	11:20	59-40.6S	091-27.6	4455	.1	-3.0	14.2	12.61	-.36	33.80	8.28	.21
88/12/10	05:20	12/10	11:25	59-41.0S	091-25.4	4467	.1	-3.0	14.2	12.61	-.36	33.80	8.29	.21
88/12/10	05:25	12/10	11:30	59-41.5S	091-23.3	4494	.1	-3.0	13.9	12.61	-.12	33.87	8.35	.21
88/12/10	05:30	12/10	11:35	59-42.1S	091-21.1	4478	.1	-3.0	14.3	12.61	.13	33.94	8.41	.22
88/12/10	05:35	12/10	11:40	59-42.5S	091-18.9	4457	.1	-3.0	14.1	12.61	.29	33.93	8.40	.22
88/12/10	05:40	12/10	11:45	59-43.0S	091-16.7	4430	.1	-3.0	14.2	12.61	.29	34.10	8.38	.21
88/12/10	05:45	12/10	11:49	59-43.5S	091-14.5	4452	.1	-3.0	14.2	12.61	.37	34.01	8.37	.22
88/12/10	05:50	12/10	11:54	59-44.0S	091-12.4	4430	.1	-3.0	14.4	12.61	.29	34.10	8.33	.21
88/12/10	05:55	12/10	11:59	59-44.5S	091-10.2	4432	.1	-3.0	14.0	12.61	.29	34.10	8.32	.21
88/12/10	06:00	12/10	12:04	59-45.0S	091-08.0	4439	.1	-3.0	14.2	12.61	.37	34.01	8.34	.20
88/12/10	06:05	12/10	12:09	59-45.5S	091-05.8	4440	.2	-3.0	14.1	12.61	.37	34.01	8.36	.20
88/12/10	06:10	12/10	12:14	59-45.1S	091-03.5	4444	.2	-3.0	14.3	12.61	.45	33.92	8.37	.20
88/12/10	06:15	12/10	12:19	59-45.5S	091-01.4	4449	.2	-3.0	13.9	12.68	.45	33.92	8.35	.20
88/12/10	06:20	12/10	12:23	59-46.0S	090-59.2	4450	.2	-3.0	14.2	12.61	.53	33.99	8.36	.20
88/12/10	06:25	12/10	12:28	59-46.4S	090-57.4	4460	.2	-3.0	14.1	12.68	.53	33.99	8.38	.20
88/12/10	06:30	12/10	12:33	59-46.9S	090-55.2	4463	.2	-3.0	14.1	12.61	.53	33.99	8.36	.20
88/12/10	06:35	12/10	12:38	59-47.4S	090-53.0	4478	.2	-3.0	14.2	12.68	.53	33.99	8.34	.20
88/12/10	06:40	12/10	12:43	59-47.8S	090-50.8	4455	.2	-3.0	14.4	12.68	.53	33.99	8.35	.20
88/12/10	06:45	12/10	12:48	59-48.3S	090-48.7	4455	.2	-3.0	14.1	12.68	.53	33.99	8.32	.20
88/12/10	06:50	12/10	12:53	59-48.8S	090-46.4	4456	.2	-3.0	14.3	12.68	.53	33.99	8.31	.19
88/12/10	06:55	12/10	12:57	59-49.2S	090-44.3	4456	.2	-3.0	14.3	12.68	.45	33.92	8.27	.20
88/12/10	07:00	12/10	13:02	59-49.7S	090-42.1	4460	.2	-3.0	13.9	12.68	.37	34.01	8.25	.20
88/12/10	07:05	12/10	13:07	59-50.2S	090-39.9	4463	.2	-3.0	14.3	12.61	.37	34.01	8.26	.19
88/12/10	07:10	12/10	13:12	59-50.6S	090-37.7	4461	.2	-3.0	14.3	12.68	.37	34.01	8.24	.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]
88/12/10	07:15	12/10	13:17	59-51.1S	090-35.5	4469	.3	-3.0	14.2	12.68	.37	34.01	8.22	.20
88/12/10	07:20	12/10	13:22	59-51.6S	090-33.4	4470	.3	-3.0	14.2	12.68	.29	34.10	8.22	.20
88/12/10	07:25	12/10	13:27	59-52.1S	090-31.2	4471	.2	-3.0	14.4	12.68	.37	34.01	8.23	.19
88/12/10	07:30	12/10	13:31	59-53.5S	090-28.4	4472	.2	-3.0	14.2	12.68	.37	34.01	8.24	.19
88/12/10	07:35	12/10	13:36	59-54.0S	090-26.2	4474	.2	-3.0	14.2	12.68	.29	33.93	8.22	.19
88/12/10	07:40	12/10	13:41	59-54.5S	090-24.0	4476	.2	-3.0	14.2	12.68	.29	33.93	8.22	.19
88/12/10	07:45	12/10	13:46	59-55.1S	090-21.8	4479	.2	-3.0	14.2	12.68	.13	33.94	8.17	.19
88/12/10	07:50	12/10	13:51	59-55.6S	090-19.6	4482	.1	-3.0	14.3	12.68	-.20	33.96	8.09	.20
88/12/10	07:55	12/10	13:56	59-56.5S	090-18.7	4481	.1	-3.0	14.3	12.68	-.36	33.97	8.07	.20
88/12/10	08:00	12/10	14:01	59-57.1S	090-16.5	4483	.1	-3.0	14.3	12.68	-.44	33.89	8.08	.20
88/12/10	08:05	12/10	14:05	59-57.7S	090-14.3	4486	.1	-3.0	14.2	12.68	-.52	33.97	8.09	.20
88/12/10	08:10	12/10	14:10	59-58.2S	090-12.2	4488	.1	-3.0	14.1	12.68	-.52	33.97	8.10	.20
88/12/10	08:15	12/10	14:15	59-58.7S	090-10.1	4492	.2	-3.0	14.2	12.68	-.52	33.97	8.12	.20
88/12/10	08:20	12/10	14:20	59-59.3S	090-07.9	4491	.3	-3.0	14.3	12.68	-.52	33.97	8.17	.21
88/12/10	08:25	12/10	14:25	59-59.8S	090-05.8	4493	.1	-3.0	14.4	12.68	-.44	33.89	8.19	.20
88/12/10	08:30	12/10	14:30	60-00.0S	090-03.5	4494	.2	-3.0	14.0	12.68	-.44	33.89	8.17	.21
88/12/10	08:35	12/10	14:35	60-00.0S	090-01.2	4497	.3	-3.0	14.3	12.68	-.52	33.97	8.17	.21
88/12/10	08:40	12/10	14:39	59-59.9S	089-58.9	4498	.3	-3.0	13.9	12.68	-.52	33.97	8.19	.21
88/12/10	08:45	12/10	14:44	59-59.6S	089-56.7	4503	.3	-3.0	14.1	12.68	-.52	33.97	8.21	.21
88/12/10	08:50	12/10	14:49	59-59.4S	089-54.5	4505	.3	-3.0	11.7	12.68	-.44	33.89	8.23	.20
88/12/10	08:55	12/10	14:54	59-59.3S	089-53.4	4509	.3	-3.0	5.0	12.68	-.44	33.89	8.20	.20
88/12/10	09:00	12/10	14:59	59-59.1S	089-52.0	4508	.2	-3.0	13.1	12.68	-.52	33.97	8.18	.21
88/12/10	09:05	12/10	15:04	59-58.8S	089-49.8	4511	.2	-3.0	14.4	12.68	-.44	33.89	8.24	.21
88/12/10	09:10	12/10	15:09	59-58.5S	089-47.6	4514	.3	-3.0	13.8	12.68	-.52	33.97	8.19	.21
88/12/10	09:15	12/10	15:14	59-58.6S	089-45.4	4516	.3	-3.0	14.1	12.68	-.44	33.89	8.20	.21
88/12/10	09:20	12/10	15:18	59-58.4S	089-40.4	4519	.4	-3.0	14.2	12.68	-.44	33.89	8.22	.21
88/12/10	09:25	12/10	15:23	59-58.6S	089-38.0	4520	.5	-3.0	14.1	12.68	-.44	33.89	8.22	.21
88/12/10	09:30	12/10	15:28	59-58.7S	089-35.6	4519	.5	-3.0	13.9	12.68	-.44	33.89	8.21	.21
88/12/10	09:35	12/10	15:33	59-58.8S	089-33.2	4524	.4	-3.0	13.9	12.68	-.36	33.97	8.26	.22
88/12/10	09:40	12/10	15:38	59-59.0S	089-30.8	4524	.4	-3.0	14.0	12.68	-.36	33.97	8.22	.22
88/12/10	09:45	12/10	15:42	59-59.3S	089-28.4	4523	.5	-3.0	14.2	12.68	-.36	33.97	8.22	.21
88/12/10	09:50	12/10	15:47	59-59.5S	089-26.0	4525	.5	-3.0	14.1	12.68	-.28	33.88	8.22	.22
88/12/10	09:55	12/10	15:52	59-59.8S	089-23.6	4525	.5	-3.0	14.0	12.68	-.28	33.88	8.22	.23
88/12/10	10:00	12/10	15:57	59-59.9S	089-21.7	4525	.5	-3.0	14.1	12.68	-.28	34.05	8.22	.23
88/12/10	10:05	12/10	16:02	60-00.2S	089-18.9	4521	.5	-3.0	13.7	12.68	-.28	33.88	8.20	.23
88/12/10	10:10	12/10	16:07	60-00.4S	089-16.5	4523	.5	-3.0	14.0	12.68	-.12	33.87	8.26	.23
88/12/10	10:15	12/10	16:11	60-00.7S	089-14.1	4522	.5	-3.0	14.2	12.68	-.20	33.96	8.21	.23
88/12/10	10:20	12/10	16:16	60-00.9S	089-11.8	4525	.5	-3.0	13.6	12.68	-.04	33.95	8.21	.22
88/12/10	10:25	12/10	16:21	60-00.9S	089-09.4	4517	.5	-3.0	13.8	12.68	-.20	33.96	8.17	.23
88/12/10	10:30	12/10	16:26	60-01.0S	089-07.0	4524	.5	-3.0	13.8	12.68	.21	34.02	8.31	.22
88/12/10	10:35	12/10	16:31	60-01.0S	089-04.6	4521	.5	-3.0	13.9	12.68	.29	34.10	8.32	.22
88/12/10	10:40	12/10	16:36	60-01.0S	089-02.3	4523	.4	-3.0	13.7	12.61	.29	34.10	8.28	.21
88/12/10	10:45	12/10	16:40	60-01.0S	088-59.9	4519	.4	-3.0	13.7	12.68	.29	34.10	8.26	.22
88/12/10	10:50	12/10	16:45	60-01.1S	088-57.6	4524	.3	-3.0	13.7	12.68	.29	34.10	8.24	.22
88/12/10	10:55	12/10	16:50	60-01.1S	088-55.3	4521	.3	-3.0	13.5	12.68	.37	34.01	8.26	.23
88/12/10	11:00	12/10	16:55	60-01.1S	088-52.9	4527	.1	-3.0	13.6	12.68	.37	34.01	8.23	.23
88/12/10	11:05	12/10	17:00	60-01.3S	088-50.6	4516	.1	-3.0	13.6	12.68	.29	33.93	8.19	.22
88/12/10	11:10	12/10	17:05	59-59.5S	088-48.2	4516	.1	-3.0	13.8	12.68	.29	33.93	8.20	.22
88/12/10	11:15	12/10	17:10	59-59.6S	088-45.9	4515	.1	-3.0	13.8	12.68	.29	33.93	8.19	.22
88/12/10	11:20	12/10	17:14	59-59.8S	088-43.6	0	.1	-3.0	13.7	12.68	.29	34.10	8.19	.22
88/12/10	11:25	12/10	17:19	59-59.9S	088-41.2	0	.1	-3.0	13.8	12.68	.29	34.10	8.19	.22

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]
88/12/10	11:30	12/10	17:24	60-00.1S	088-39.5	0	0.0	-3.0	13.6	12.68	.29	34.10	8.18	.23
88/12/10	11:35	12/10	17:29	60-00.2S	088-37.3	0	0.0	-3.0	13.4	12.68	.37	34.01	8.19	.22
88/12/10	11:40	12/10	17:34	60-00.4S	088-35.0	0	-.1	-3.0	13.8	12.68	.29	33.93	8.17	.22
88/12/10	11:45	12/10	17:39	60-00.3S	088-32.7	0	-.2	-3.0	13.6	12.68	.21	34.02	8.15	.23
88/12/10	11:50	12/10	17:44	60-00.3S	088-30.5	0	-.2	-3.0	13.4	12.68	.21	34.02	8.14	.24
88/12/10	11:55	12/10	17:48	60-00.2S	088-28.2	0	-.2	-3.0	13.8	12.68	.13	34.11	8.12	.25
88/12/10	12:00	12/10	17:53	60-00.1S	088-25.9	0	-.2	-3.0	13.1	12.68	.13	34.11	8.14	.25
88/12/10	12:05	12/10	17:58	59-59.9S	088-23.7	0	-.2	-3.0	13.3	12.68	.21	34.02	8.11	.25
88/12/10	12:10	12/10	18:03	59-59.8S	088-21.5	0	-.2	-3.0	13.0	12.68	.29	34.10	8.13	.25
88/12/10	12:15	12/10	18:08	59-59.7S	088-19.4	0	-.2	-3.0	12.5	12.68	.37	34.01	8.15	.24
88/12/10	12:20	12/10	18:13	59-59.6S	088-16.6	0	-.2	-3.0	12.8	12.61	.37	34.01	8.17	.24
88/12/10	12:25	12/10	18:17	59-59.5S	088-14.3	0	-.2	-3.0	13.2	12.61	.37	34.01	8.16	.25
88/12/10	12:30	12/10	18:22	59-59.4S	088-12.1	0	-.2	-3.0	13.1	12.61	.37	34.01	8.15	.25
88/12/10	12:35	12/10	18:27	59-59.3S	088-09.9	4539	-.2	-3.0	13.0	12.68	.37	34.01	8.15	.25
88/12/10	12:40	12/10	18:32	59-59.2S	088-07.7	4541	-.2	-3.0	12.6	12.68	.37	34.01	8.17	.25
88/12/10	12:45	12/10	18:37	59-59.0S	088-05.5	4544	-.3	-3.0	13.1	12.68	.45	33.92	8.22	.24
88/12/10	12:50	12/10	18:42	59-59.0S	088-03.2	4551	-.2	-3.0	12.7	12.68	.37	34.01	8.20	.24
88/12/10	12:55	12/10	18:47	59-59.0S	088-01.1	4551	-.2	-3.0	13.0	12.68	.45	33.92	8.22	.24
88/12/10	13:00	12/10	18:51	59-59.2S	087-58.9	10	0.0	-3.0	12.8	12.68	.37	34.01	8.22	.23
88/12/10	13:05	12/10	18:56	59-59.3S	087-56.7	10	-.3	-3.0	12.6	12.68	.37	34.01	8.19	.23
88/12/10	13:10	12/10	19:01	59-59.3S	087-54.5	10	-.2	-3.0	13.3	12.68	.37	34.01	8.22	.24
88/12/10	13:15	12/10	19:06	59-59.2S	087-52.3	10	-.2	-3.0	12.6	12.68	.37	34.01	8.23	.24
88/12/10	13:20	12/10	19:11	59-59.2S	087-50.1	10	-.2	-3.0	12.7	12.68	.37	34.01	8.22	.25
88/12/10	13:25	12/10	19:16	59-59.2S	087-47.9	10	-.3	-3.0	13.0	12.68	.37	34.01	8.22	.25
88/12/10	13:30	12/10	19:21	59-59.1S	087-45.7	10	-.2	-3.0	12.6	12.68	.29	33.93	8.19	.25
88/12/10	13:35	12/10	19:25	59-59.1S	087-43.4	10	-.3	-3.0	12.4	12.68	.37	34.01	8.18	.24
88/12/10	13:40	12/10	19:30	59-59.0S	087-41.3	10	-.3	-3.0	12.9	12.68	.37	34.01	8.24	.24
88/12/10	13:45	12/10	19:35	59-59.0S	087-39.1	10	-.3	-3.0	13.0	12.76	.45	34.09	8.26	.26
88/12/10	13:50	12/10	19:40	59-59.0S	087-36.1	10	-.3	-3.0	13.1	12.76	.45	33.92	8.24	.24
88/12/10	13:55	12/10	19:45	59-58.9S	087-33.9	10	-.3	-3.0	12.2	12.76	.37	34.01	8.25	.24
88/12/10	14:00	12/10	19:50	59-58.9S	087-31.7	10	-.3	-3.0	13.0	12.76	.37	34.01	8.26	.24
88/12/10	14:05	12/10	19:54	59-58.9S	087-29.5	10	-.3	-3.0	12.0	12.76	.37	34.01	8.23	.24
88/12/10	14:10	12/10	19:59	59-58.9S	087-27.4	10	-.4	-3.0	11.8	12.76	.29	34.10	8.19	.24
88/12/10	14:15	12/10	20:04	59-58.9S	087-25.2	10	-.5	-3.0	12.6	12.76	.29	33.93	8.26	.24
88/12/10	14:20	12/10	20:09	59-58.9S	087-23.0	10	-.5	-3.0	12.7	12.76	.21	34.02	8.19	.24
88/12/10	14:25	12/10	20:14	59-58.8S	087-20.8	10	-.5	-3.0	12.9	12.83	.21	34.02	8.23	.25
88/12/10	14:30	12/10	20:19	59-58.8S	087-18.5	10	-.5	-3.0	12.6	12.76	.29	33.93	8.27	.25
88/12/10	14:35	12/10	20:24	59-58.8S	087-16.4	10	-.5	-3.0	12.6	12.76	.29	34.10	8.29	.24
88/12/10	14:40	12/10	20:28	59-58.9S	087-14.2	10	-.5	-3.0	12.4	12.76	.21	34.02	8.27	.24
88/12/10	14:45	12/10	20:33	59-58.9S	087-12.0	10	-.5	-3.0	12.7	12.76	.21	34.02	8.29	.24
88/12/10	14:50	12/10	20:38	59-59.0S	087-09.8	10	-.5	-3.0	12.7	12.76	.21	34.02	8.29	.24
88/12/10	14:55	12/10	20:43	59-59.5S	087-07.6	10	-.4	-3.0	12.8	12.76	.21	34.02	8.33	.24
88/12/10	15:00	12/10	20:48	59-59.8S	087-05.3	10	-.4	-3.0	12.7	12.76	.29	33.93	8.36	.24
88/12/10	15:05	12/10	20:53	59-59.8S	087-02.8	10	-.4	-3.0	12.1	12.76	.29	33.93	8.37	.24
88/12/10	15:10	12/10	20:58	59-59.8S	087-00.5	10	-.4	-3.0	12.9	12.83	.37	34.01	8.39	.24
88/12/10	15:15	12/10	21:02	59-59.7S	086-58.3	10	-.4	-3.0	13.1	12.76	.37	34.01	8.40	.24
88/12/10	15:20	12/10	21:07	59-59.7S	086-56.0	10	-.4	-3.0	12.5	12.76	.45	33.92	8.38	.24
88/12/10	15:25	12/10	21:12	59-59.8S	086-53.8	10	-.4	-3.0	12.7	12.76	.37	34.01	8.41	.24
88/12/10	15:30	12/10	21:17	59-59.9S	086-52.9	10	-.4	-3.0	12.0	12.76	.37	34.01	8.41	.24
88/12/10	15:35	12/10	21:22	60-00.0S	086-50.4	10	-.4	-3.0	12.1	12.76	.45	34.09	8.42	.23
88/12/10	15:40	12/10	21:27	60-00.0S	086-48.2	10	-.4	-3.0	12.6	12.76	.37	34.01	8.41	.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]
88/12/10	15:45	12/10	21:32	60-00.1S	086-46.0	10	-4	-3.0	12.6	12.76	.29	34.10	8.36	.23
88/12/10	15:50	12/10	21:36	60-00.1S	086-43.7	10	-4	-3.0	12.7	12.76	.29	33.93	8.39	.23
88/12/10	15:55	12/10	21:41	60-00.1S	086-42.1	10	-5	-3.0	12.5	12.76	.29	34.10	8.38	.23
88/12/10	16:00	12/10	21:46	60-00.4S	086-39.5	10	-5	-3.0	12.8	12.76	-79.06	.10	-12.26	.23
88/12/10	16:05	12/10	21:51	60-00.4S	086-37.3	10	-5	-3.0	12.7	12.76	-79.06	.10	-12.29	.23
88/12/10	16:10	12/10	21:56	60-00.5S	086-35.1	10	-5	-3.0	12.1	12.76	-79.06	.10	-12.29	.23
88/12/10	16:15	12/10	22:01	60-00.5S	086-32.9	10	-5	-3.0	12.5	12.76	.37	34.01	8.48	.23
88/12/10	16:20	12/10	22:06	60-00.5S	086-30.8	10	-5	-3.0	12.9	12.76	.29	34.10	8.42	.25
88/12/10	16:25	12/10	22:10	60-00.5S	086-28.6	10	-5	-3.0	13.1	12.76	-.04	33.95	8.33	.27
88/12/10	16:30	12/10	22:15	60-00.5S	086-26.3	10	-5	-3.0	12.3	12.76	-.04	33.95	8.33	.26
88/12/10	16:35	12/10	22:20	60-00.6S	086-24.2	10	-5	-3.0	12.3	12.76	-.04	34.12	8.39	.26
88/12/10	16:40	12/10	22:25	60-00.6S	086-22.0	10	-5	-3.0	12.4	12.76	-.04	34.12	8.37	.27
88/12/10	16:45	12/10	22:30	60-00.7S	086-19.7	10	-5	-3.0	13.2	12.76	.13	33.94	8.40	.26
88/12/10	16:50	12/10	22:35	60-00.7S	086-17.6	10	-5	-3.0	12.8	12.76	.21	34.02	8.43	.25
88/12/10	16:55	12/10	22:40	60-00.7S	086-15.4	10	-5	-3.0	12.6	12.76	.21	34.02	8.42	.25
88/12/10	17:00	12/10	22:44	60-00.7S	086-12.8	10	-5	-3.0	12.0	12.76	.13	34.11	8.40	.25
88/12/10	17:05	12/10	22:49	60-00.8S	086-10.6	10	-6	-3.0	12.3	12.76	-.36	34.14	8.21	.30
88/12/10	17:10	12/10	22:54	60-00.8S	086-08.5	10	-6	-3.0	11.8	12.76	-.52	33.97	8.09	.30
88/12/10	17:15	12/10	22:59	60-00.7S	086-06.5	10	-6	-3.0	12.0	12.76	-.60	34.07	8.16	.30
88/12/10	17:20	12/10	23:04	60-01.2S	086-07.0	10	-6	-3.0	12.6	12.76	-.60	34.07	8.15	.30
88/12/10	17:25	12/10	23:09	60-01.1S	086-04.6	10	-7	-3.0	11.8	12.76	-.68	34.16	8.10	.32
88/12/10	17:30	12/10	23:14	60-01.2S	086-02.6	10	-7	-3.0	11.8	12.76	-.76	34.08	8.12	.31
88/12/10	17:35	12/10	23:19	60-01.3S	086-00.6	10	-7	-3.0	12.2	12.76	-.76	34.08	8.10	.31
88/12/10	17:40	12/10	23:23	60-01.3S	085-58.6	10	-8	-3.0	11.8	12.76	-.68	34.16	8.19	.32
88/12/10	17:45	12/10	23:28	60-01.0S	085-56.7	10	-8	-3.0	12.0	12.76	-.68	34.16	8.25	.32
88/12/10	17:50	12/10	23:33	60-01.0S	085-54.7	10	-8	-3.0	12.3	12.76	-.60	34.07	8.25	.30
88/12/10	17:55	12/10	23:38	60-01.0S	085-52.6	10	-8	-3.0	12.0	12.76	-.60	34.07	8.23	.31
88/12/10	18:00	12/10	23:43	60-01.0S	085-50.5	10	-9	-3.0	12.6	12.76	-.60	34.07	8.25	.31
88/12/10	18:05	12/10	23:48	60-01.0S	085-48.5	10	-9	-3.0	13.0	12.76	-.60	34.07	8.22	.32
88/12/10	18:10	12/10	23:53	60-01.0S	085-46.3	10	-9	-3.0	12.2	12.76	-.68	34.16	8.18	.30
88/12/10	18:15	12/10	23:57	60-01.0S	085-44.3	10	-1.0	-3.0	12.0	12.76	-.84	34.17	8.13	.28
88/12/10	18:20	12/11	00:02	60-01.0S	085-42.3	10	-1.0	-3.0	12.5	12.76	-.93	34.09	8.03	.26
88/12/10	18:25	12/11	00:07	60-00.9S	085-40.2	10	-1.0	-3.0	12.1	12.76	-.93	34.09	8.05	.25
88/12/10	18:30	12/11	00:12	60-00.9S	085-38.1	10	-1.0	-3.0	12.5	12.76	-.93	34.09	8.08	.25
88/12/10	18:35	12/11	00:17	60-00.9S	085-36.1	10	-1.0	-3.0	11.8	12.68	-.84	34.17	8.17	.24
88/12/10	18:40	12/11	00:22	60-00.6S	085-31.9	10	-1.0	-3.0	11.8	12.68	-.84	33.99	8.25	.24
88/12/10	18:45	12/11	00:26	60-00.6S	085-29.8	10	-1.0	-3.0	11.9	12.68	-.84	34.17	8.15	.23
88/12/10	18:50	12/11	00:31	60-00.5S	085-27.7	10	-1.0	-3.0	13.0	12.68	-.76	34.08	8.33	.26
88/12/10	18:55	12/11	00:36	60-00.5S	085-25.4	10	-1.0	-3.0	11.9	12.68	-.76	34.08	8.30	.27
88/12/10	19:00	12/11	00:41	60-00.5S	085-23.4	10	-1.1	-3.0	12.1	12.68	-.76	34.08	8.37	.28
88/12/10	19:05	12/11	00:46	60-00.5S	085-21.3	10	-1.1	-3.0	12.3	12.68	-.76	34.08	8.31	.27
88/12/10	19:10	12/11	00:51	59-59.8S	085-19.6	10	-1.1	-3.0	11.9	12.68	-.84	33.99	8.22	.27
88/12/10	19:15	12/11	00:56	59-59.8S	085-17.5	10	-1.1	-3.0	11.8	12.76	-.84	33.99	8.15	.24
88/12/10	19:20	12/11	01:01	59-59.7S	085-15.4	10	-1.1	-3.0	11.8	12.68	-1.01	34.01	8.06	.23
88/12/10	19:25	12/11	01:05	59-59.7S	085-13.4	10	-1.1	-3.0	11.8	12.68	-.93	33.91	7.99	.24
88/12/10	19:30	12/11	01:10	59-59.7S	085-11.3	10	-1.1	-3.0	11.8	12.68	-.93	33.91	7.98	.24
88/12/10	19:35	12/11	01:15	59-59.6S	085-09.2	10	-1.1	-3.0	11.8	12.68	-.93	33.91	7.98	.24
88/12/10	19:40	12/11	01:20	59-59.6S	085-07.2	10	-1.1	-3.0	11.8	12.68	-1.01	34.01	7.98	.25
88/12/10	19:45	12/11	01:25	59-59.6S	085-05.2	10	-1.2	-3.0	11.8	12.76	-.93	33.91	8.00	.25
88/12/10	19:50	12/11	01:30	59-59.6S	085-03.1	10	-1.2	-3.0	11.8	12.83	-.93	34.09	8.01	.24
88/12/10	19:55	12/11	01:35	59-59.6S	085-01.1	10	-1.2	-3.0	11.8	12.83	-.93	33.91	8.12	.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]
88/12/10	20:00	12/11	01:39	59-59.6S	084-59.0	10	-1.2	-3.0	11.8	12.83	-1.01	34.01	8.02	.24
88/12/10	20:05	12/11	01:44	59-59.6S	084-58.9	10	-1.2	-3.0	11.8	12.83	-1.01	34.01	8.10	.24
88/12/10	20:10	12/11	01:49	59-59.5S	084-54.9	10	-1.2	-3.0	11.8	12.83	-.93	33.91	8.09	.24
88/12/10	20:15	12/11	01:54	59-59.5S	084-52.9	10	-1.3	-3.0	11.8	12.76	-1.01	34.01	8.05	.24
88/12/10	20:20	12/11	01:59	59-59.5S	084-50.8	10	-1.3	-3.0	11.8	12.76	-1.01	33.83	8.16	.24
88/12/10	20:25	12/11	02:04	59-59.5S	084-48.8	10	-1.3	-3.0	11.8	12.83	-1.01	33.83	8.24	.24
88/12/10	20:30	12/11	02:09	59-59.5S	084-46.7	10	-1.3	-3.0	11.8	12.83	-1.01	33.83	8.32	.24
88/12/10	20:35	12/11	02:13	59-59.5S	084-44.6	10	-1.3	-3.0	11.8	12.83	-.93	33.91	8.23	.24
88/12/10	20:40	12/11	02:18	59-59.5S	084-42.6	10	-1.3	-3.0	11.8	12.83	-.93	33.91	8.27	.25
88/12/10	20:45	12/11	02:23	59-59.5S	084-40.6	10	-1.3	-3.0	11.8	12.83	-1.01	33.83	8.37	.25
88/12/10	20:50	12/11	02:28	59-59.4S	084-38.5	10	-1.3	-3.0	11.8	12.83	-1.01	33.83	8.30	.25
88/12/10	20:55	12/11	02:33	59-57.8S	084-33.8	10	-1.3	-3.0	11.8	12.76	-1.01	33.83	8.41	.25
88/12/10	21:00	12/11	02:38	59-57.9S	084-31.6	10	-1.4	-3.0	11.8	12.68	-1.01	33.83	8.38	.24
88/12/10	21:05	12/11	02:42	59-57.9S	084-29.5	10	-1.4	-3.0	11.8	12.68	-1.01	33.83	8.38	.24
88/12/10	21:10	12/11	02:47	59-57.9S	084-27.4	10	-1.3	-3.0	11.8	12.61	-.93	33.91	8.38	.26
88/12/10	21:15	12/11	02:52	59-57.9S	084-25.2	10	-1.3	-3.0	11.8	12.68	-.76	33.90	8.45	.28
88/12/10	21:20	12/11	02:57	59-57.9S	084-23.0	10	-1.3	-3.0	11.8	12.68	-.68	33.98	8.59	.32
88/12/10	21:25	12/11	03:02	59-58.0S	084-20.9	10	-1.3	-3.0	11.8	12.68	-.60	34.07	8.56	.32
88/12/10	21:30	12/11	03:07	59-58.0S	084-18.8	10	-1.3	-3.0	11.8	12.68	-.60	33.90	8.62	.32
88/12/10	21:35	12/11	03:12	59-58.0S	084-16.6	10	-1.3	-3.0	11.8	12.61	-.68	33.98	8.51	.30
88/12/10	21:40	12/11	03:16	59-58.0S	084-14.5	10	-1.3	-3.0	11.8	12.61	-.60	33.90	8.64	.30
88/12/10	21:45	12/11	03:21	59-58.0S	084-12.4	10	-1.3	-3.0	8.6	12.61	-.60	33.90	8.59	.31
88/12/10	21:50	12/11	03:26	59-58.4S	084-13.5	10	-1.3	-3.0	10.6	12.68	-.60	34.07	8.53	.32
88/12/10	21:55	12/11	03:31	59-58.4S	084-11.8	10	-1.3	-3.0	.4	12.61	-.60	34.07	8.55	.32
88/12/10	22:00	12/11	03:36	59-58.5S	084-10.4	10	-1.3	-3.0	11.6	12.61	-.60	33.90	8.86	.32
88/12/10	22:05	12/11	03:41	59-58.5S	084-08.3	10	-1.3	-3.0	11.7	12.61	-.52	33.97	8.51	.32
88/12/10	22:10	12/11	03:46	59-58.4S	084-06.3	10	-1.3	-3.0	11.8	12.61	-.60	34.07	8.70	.32
88/12/10	22:15	12/11	03:51	59-58.4S	084-04.3	10	-1.3	-3.0	11.7	12.61	-.80	34.07	8.58	.31
88/12/10	22:20	12/11	03:56	59-58.3S	084-02.4	10	-1.3	-3.0	9.7	12.61	-.60	34.07	8.69	.30
88/12/10	22:25	12/11	04:01	59-58.3S	084-00.7	10	-1.4	-3.0	10.5	12.61	-.60	34.07	8.71	.29
88/12/10	22:30	12/11	04:05	59-58.3S	083-58.8	10	-1.4	-3.0	10.8	12.61	-.68	34.16	8.74	.28
88/12/10	22:35	12/11	04:10	59-58.2S	083-56.9	10	-1.4	-3.0	11.8	12.61	-.68	34.16	8.53	.29
88/12/10	22:40	12/11	04:15	59-58.1S	083-54.9	10	-1.4	-3.0	11.5	12.61	-.68	34.16	8.52	.29
88/12/10	22:45	12/11	04:20	59-58.1S	083-52.9	10	-1.4	-3.0	10.8	12.61	-.60	34.07	8.67	.29
88/12/10	22:50	12/11	04:25	59-58.0S	083-50.9	10	-1.4	-3.0	11.9	12.61	-.60	34.07	8.75	.30
88/12/10	22:55	12/11	04:30	59-58.0S	083-49.0	10	-1.4	-3.0	8.7	12.61	-.60	34.07	8.67	.31
88/12/10	23:00	12/11	04:35	59-57.9S	083-47.2	10	-1.4	-3.0	11.6	12.61	-.60	34.07	8.67	.31
88/12/10	23:05	12/11	04:40	59-57.8S	083-45.2	10	-1.4	-3.0	11.6	12.68	-.60	34.07	8.72	.31
88/12/10	23:10	12/11	04:44	59-57.7S	083-43.2	10	-1.4	-3.0	11.6	12.61	-.52	33.97	8.57	.31
88/12/10	23:15	12/11	04:49	59-57.7S	083-41.2	10	-1.4	-3.0	11.6	12.61	-.60	34.07	8.72	.31
88/12/10	23:20	12/11	04:54	59-57.6S	083-39.2	10	-1.4	-3.0	11.6	12.61	-.60	34.07	8.81	.29
88/12/10	23:25	12/11	04:59	59-57.6S	083-37.2	10	-1.4	-3.0	11.6	12.61	-.80	34.07	8.81	.26
88/12/10	23:30	12/11	05:04	59-57.7S	083-35.4	10	-1.4	-3.0	9.7	12.61	-.68	34.16	8.67	.27
88/12/10	23:35	12/11	05:09	59-57.7S	083-33.7	10	-1.4	-3.0	9.5	12.61	-.60	34.07	8.65	.27
88/12/10	23:40	12/11	05:13	59-58.1S	083-29.9	10	-1.4	-3.0	9.9	12.61	-.68	33.98	8.69	.28
88/12/10	23:45	12/11	05:18	59-58.1S	083-28.2	10	-1.4	-3.0	10.1	12.61	-.76	34.08	8.69	.28
88/12/10	23:50	12/11	05:23	59-58.1S	083-26.3	10	-1.4	-3.0	9.9	12.61	-.68	33.98	8.62	.28
88/12/10	23:55	12/11	05:28	59-58.2S	083-24.6	10	-1.4	-3.0	10.5	12.61	-.68	33.98	8.71	.28
88/12/11	00:00	12/11	05:33	59-58.2S	083-23.2	10	-1.3	-3.0	10.5	12.61	-.76	34.08	8.59	.28
88/12/11	00:05	12/11	05:38	59-58.1S	083-20.5	10	-1.3	-3.0	10.8	12.68	-.68	33.98	8.66	.28
88/12/11	00:10	12/11	05:43	59-58.1S	083-18.5	10	-1.2	-3.0	11.8	12.61	-.68	33.98	8.63	.27

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]
88/12/11	00:15	12/11	05:48	59-58.1S	083-16.6	10	-1.2	-3.0	10.8	12.61	-68	33.98	8.55	.26
88/12/11	00:20	12/11	05:52	59-58.2S	083-14.6	10	-1.1	-3.0	10.6	12.68	-76	34.08	8.57	.25
88/12/11	00:25	12/11	05:57	59-58.2S	083-12.7	10	-1.1	-3.0	11.1	12.68	-76	34.08	8.49	.27
88/12/11	00:30	12/11	06:02	59-58.3S	083-10.6	10	-1.1	-3.0	11.1	12.61	-76	34.08	8.48	.27
88/12/11	00:35	12/11	06:07	59-58.3S	083-08.6	10	-1.1	-3.0	10.4	12.61	-84	34.17	8.57	.24
88/12/11	00:40	12/11	06:12	59-58.3S	083-06.7	10	-1.1	-3.0	10.5	12.61	-76	34.08	8.55	.25
88/12/11	00:45	12/11	06:17	59-58.5S	083-03.4	10	-1.1	-3.0	10.9	12.61	-76	34.08	8.55	.25
88/12/11	00:50	12/11	06:22	59-58.6S	083-01.4	10	-1.1	-3.0	9.9	12.61	-76	34.08	8.54	.26
88/12/11	00:55	12/11	06:26	59-58.6S	082-59.5	10	-1.2	-3.0	10.7	12.61	-84	33.99	8.55	.27
88/12/11	01:00	12/11	06:31	59-58.6S	082-57.7	10	-1.2	-3.0	10.5	12.61	-84	33.99	8.51	.27
88/12/11	01:05	12/11	06:36	59-58.7S	082-55.7	10	-1.3	-3.0	10.5	12.61	-84	33.99	8.55	.27
88/12/11	01:10	12/11	06:41	59-58.7S	082-53.8	10	-1.3	-3.0	9.7	12.61	-76	34.08	8.56	.27
88/12/11	01:15	12/11	06:46	59-58.7S	082-52.0	10	-1.3	-3.0	10.2	12.61	-76	34.08	8.57	.27
88/12/11	01:20	12/11	06:51	59-58.7S	082-50.0	10	-1.3	-3.0	10.4	12.61	-76	34.08	8.56	.26
88/12/11	01:25	12/11	06:56	59-58.7S	082-48.5	10	-1.2	-3.0	10.3	12.61	-76	34.08	8.58	.25
88/12/11	01:30	12/11	07:01	59-58.7S	082-46.5	10	-1.2	-3.0	10.4	12.61	-76	34.08	8.55	.26
88/12/11	01:35	12/11	07:06	59-58.8S	082-44.5	10	-1.3	-3.0	10.5	12.61	-76	34.08	8.52	.25
88/12/11	01:40	12/11	07:10	59-58.8S	082-42.6	10	-1.3	-3.0	10.1	12.61	-76	34.08	8.51	.25
88/12/11	01:45	12/11	07:15	59-59.3S	082-40.7	10	-1.3	-3.0	10.2	12.61	-76	34.08	8.50	.25
88/12/11	01:50	12/11	07:20	59-59.3S	082-38.8	10	-1.3	-3.0	11.0	12.61	-84	33.99	8.52	.25
88/12/11	01:55	12/11	07:25	59-59.3S	082-36.7	10	-1.3	-3.0	11.3	12.61	-84	33.99	8.52	.24
88/12/11	02:00	12/11	07:30	59-59.4S	082-34.7	10	-1.0	-3.0	11.2	12.61	-76	33.90	8.52	.24
88/12/11	02:05	12/11	07:35	59-59.5S	082-32.4	10	-1.1	-3.0	9.7	12.61	-76	33.90	8.50	.24
88/12/11	02:10	12/11	07:40	59-59.5S	082-30.5	10	-1.1	-3.0	9.9	12.61	-84	33.99	8.58	.24
88/12/11	02:15	12/11	07:44	59-59.5S	082-28.6	10	-1.1	-3.0	9.0	12.61	-76	33.90	8.57	.24
88/12/11	02:20	12/11	07:49	59-59.6S	082-26.7	10	-1.1	-3.0	10.6	12.61	-84	33.99	8.59	.24
88/12/11	02:25	12/11	07:54	59-59.6S	082-24.7	10	-1.1	-3.0	9.2	12.61	-76	34.08	8.55	.24
88/12/11	02:30	12/11	07:59	59-59.6S	082-22.8	10	-1.1	-3.0	9.8	12.61	-84	33.99	8.64	.24
88/12/11	02:35	12/11	08:04	59-59.7S	082-20.4	10	-1.0	-3.0	11.4	12.61	-84	33.99	8.54	.24
88/12/11	02:40	12/11	08:09	59-59.7S	082-18.3	10	-1.0	-3.0	11.1	12.61	-76	34.08	8.52	.23
88/12/11	02:45	12/11	08:14	59-59.7S	082-16.2	10	-1.0	-3.0	11.7	12.61	-76	34.08	8.54	.24
88/12/11	02:50	12/11	08:18	59-59.7S	082-14.0	10	-1.0	-3.0	9.9	12.61	-76	34.08	8.53	.24
88/12/11	02:55	12/11	08:23	59-59.6S	082-12.1	10	-1.0	-3.0	10.3	12.61	-84	33.99	8.55	.24
88/12/11	03:00	12/11	08:28	59-59.7S	082-10.2	10	-1.0	-3.0	10.2	12.61	-84	33.99	8.62	.23
88/12/11	03:05	12/11	08:33	59-59.8S	082-08.2	10	-1.0	-3.0	10.8	12.61	-76	34.08	8.55	.24
88/12/11	03:10	12/11	08:38	60-00.1S	082-06.9	10	-1.0	-3.0	10.0	12.61	-84	34.17	8.57	.24
88/12/11	03:15	12/11	08:43	60-00.2S	082-04.9	10	-1.0	-3.0	11.0	12.61	-76	34.08	8.52	.23
88/12/11	03:20	12/11	08:48	60-00.4S	082-02.9	10	-1.0	-3.0	10.9	12.61	-76	34.08	8.54	.24
88/12/11	03:25	12/11	08:53	60-00.5S	082-01.0	10	-1.0	-3.0	11.0	12.61	-84	33.99	8.50	.24
88/12/11	03:30	12/11	08:57	60-00.5S	081-58.9	10	-1.0	-3.0	10.8	12.68	-84	33.99	8.45	.23
88/12/11	03:35	12/11	09:02	60-00.5S	081-56.9	10	-1.0	-3.0	11.4	12.61	-76	34.08	8.47	.22
88/12/11	03:40	12/11	09:07	60-00.5S	081-54.9	10	-1.0	-3.0	10.9	12.61	-84	33.99	8.40	.23
88/12/11	03:45	12/11	09:12	60-00.5S	081-53.0	10	-1.1	-3.0	9.5	12.61	-84	33.99	8.43	.23
88/12/11	03:50	12/11	09:17	60-00.4S	081-50.9	10	-1.1	-3.0	11.5	12.61	-84	33.99	8.47	.22
88/12/11	03:55	12/11	09:22	60-00.9S	081-48.6	1714	-1.1	-3.0	11.6	12.61	-84	33.99	8.45	.22
88/12/11	04:00	12/11	09:27	60-00.9S	081-46.5	1684	-1.2	-3.0	12.2	12.68	-84	34.17	8.42	.22
88/12/11	04:05	12/11	09:31	60-00.9S	081-44.4	1655	-1.3	-3.0	10.9	12.61	-84	34.17	8.44	.23
88/12/11	04:10	12/11	09:36	60-00.9S	081-42.3	1627	-1.5	-3.0	11.2	12.61	-76	34.08	8.43	.23
88/12/11	04:15	12/11	09:41	60-00.9S	081-40.3	1593	-1.3	-3.0	11.8	12.61	-84	34.17	8.43	.24
88/12/11	04:20	12/11	09:46	60-00.9S	081-38.0	1584	-1.0	-3.0	11.8	12.61	-84	34.17	8.41	.23
88/12/11	04:25	12/11	09:51	60-01.0S	081-36.4	1626	-.9	-3.0	12.0	12.68	-84	34.17	8.37	.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]
88/12/11	04:30	12/11	09:56	60-01.0S	081-34.1	1639	-7	-3.0	13.1	12.68	-84	34.17	8.38	.23
88/12/11	04:35	12/11	10:01	60-01.0S	081-31.9	1582	-5	-3.0	11.6	12.68	-84	34.17	8.38	.22
88/12/11	04:40	12/11	10:05	60-01.0S	081-29.7	1826	-4	-3.0	11.6	12.61	-76	34.08	8.41	.22
88/12/11	04:45	12/11	10:10	60-01.0S	081-27.6	1649	-5	-3.0	11.9	12.61	-76	34.08	8.43	.22
88/12/11	04:50	12/11	10:15	60-00.9S	081-25.4	1469	-5	-3.0	11.9	12.61	-84	33.99	8.38	.22
88/12/11	04:55	12/11	10:20	60-00.9S	081-23.3	1426	-5	-3.0	12.2	12.61	-84	33.99	8.36	.22
88/12/11	05:00	12/11	10:25	60-00.9S	081-21.1	1453	-1	-3.0	11.6	12.61	-93	34.09	8.37	.22
88/12/11	05:05	12/11	10:30	60-00.9S	081-19.0	1504	-1	-3.0	11.3	12.68	-84	33.99	8.40	.22
88/12/11	05:10	12/11	10:35	60-00.8S	081-16.9	1558	0.0	-3.0	11.7	12.61	-84	33.99	8.40	.22
88/12/11	05:15	12/11	10:39	60-00.8S	081-14.7	1600	.1	-3.0	12.1	12.61	-76	34.08	8.42	.22
88/12/11	05:20	12/11	10:44	60-00.7S	081-12.5	1574	.1	-3.0	12.3	12.61	-84	33.99	8.37	.22
88/12/11	05:25	12/11	10:49	60-00.6S	081-10.4	1572	.2	-3.0	12.5	12.61	-93	34.09	8.34	.22
88/12/11	05:30	12/11	10:54	60-00.5S	081-08.2	1579	.2	-3.0	12.9	12.68	-93	34.09	8.33	.22
88/12/11	05:35	12/11	10:59	60-00.4S	081-05.8	1583	.2	-3.0	12.8	12.68	-93	34.09	8.39	.23
88/12/11	05:40	12/11	11:04	60-00.3S	081-03.6	1589	.2	-3.0	12.3	12.61	-93	34.09	8.38	.23
88/12/11	05:45	12/11	11:09	60-00.2S	081-01.4	1596	.2	-3.0	12.3	12.68	-93	34.09	8.33	.22
88/12/11	05:50	12/11	11:13	60-00.1S	080-59.2	1605	.2	-3.0	12.5	12.61	-93	34.09	8.35	.22
88/12/11	05:55	12/11	11:18	60-00.1S	080-56.9	1627	.2	-3.0	12.4	12.61	-93	34.09	8.33	.22
88/12/11	06:00	12/11	11:23	60-00.1S	080-54.7	1639	.2	-3.0	12.4	12.61	-84	33.99	8.34	.22
88/12/11	06:05	12/11	11:28	60-00.1S	080-52.4	1659	-4	-3.0	12.7	12.61	-84	33.99	8.38	.22
88/12/11	06:10	12/11	11:33	60-00.5S	080-52.0	1683	-3	-3.0	13.1	12.61	-76	33.90	8.37	.21
88/12/11	06:15	12/11	11:38	60-00.4S	080-49.8	1707	-4	-3.0	11.8	12.68	-76	34.08	8.36	.21
88/12/11	06:20	12/11	11:43	60-00.4S	080-47.7	1729	-6	-3.0	12.0	12.61	-84	33.99	8.38	.22
88/12/11	06:25	12/11	11:48	60-00.4S	080-45.5	1743	-6	-3.0	12.9	12.68	-84	33.99	8.36	.23
88/12/11	06:30	12/11	11:52	60-00.4S	080-43.3	1753	-6	-3.0	13.0	12.61	-76	33.90	8.41	.23
88/12/11	06:35	12/11	11:57	60-00.4S	080-41.1	1759	-6	-3.0	12.3	12.68	-76	33.90	8.38	.22
88/12/11	06:40	12/11	12:02	60-00.4S	080-39.0	1764	-6	-3.0	12.3	12.61	-84	33.99	8.34	.22
88/12/11	06:45	12/11	12:07	60-00.4S	080-36.8	1764	-6	-3.0	12.6	12.61	-76	33.90	8.37	.22
88/12/11	06:50	12/11	12:12	60-00.3S	080-34.6	1755	-7	-3.0	12.4	12.61	-84	33.99	8.35	.23
88/12/11	06:55	12/11	12:17	60-00.3S	080-32.3	1752	-7	-3.0	13.3	12.61	-84	33.99	8.33	.23
88/12/11	07:00	12/11	12:22	60-00.3S	080-30.1	1762	-7	-3.0	12.6	12.61	-84	33.99	8.33	.22
88/12/11	07:05	12/11	12:26	60-00.3S	080-28.3	1773	-7	-3.0	12.4	12.61	-84	33.99	8.36	.22
88/12/11	07:10	12/11	12:31	60-00.2S	080-26.7	1791	-7	-3.0	12.7	12.68	-76	33.90	8.36	.23
88/12/11	07:15	12/11	12:36	60-00.2S	080-24.6	1815	-7	-3.0	11.1	12.61	-76	33.90	8.37	.22
88/12/11	07:20	12/11	12:41	60-00.2S	080-22.5	1841	-7	-3.0	12.1	12.61	-84	33.99	8.34	.22
88/12/11	07:25	12/11	12:46	60-00.2S	080-20.4	1876	-7	-3.0	12.5	12.81	-84	33.99	8.31	.22
88/12/11	07:30	12/11	12:51	60-00.2S	080-18.2	1929	-7	-3.0	12.9	12.61	-84	33.99	8.32	.22
88/12/11	07:35	12/11	12:56	60-00.0S	080-15.7	1977	-7	-3.0	12.3	12.61	-84	33.99	8.33	.22
88/12/11	07:40	12/11	13:00	59-59.9S	080-13.6	2025	-7	-3.0	12.3	12.61	-76	33.90	8.33	.22
88/12/11	07:45	12/11	13:05	59-59.9S	080-11.3	2069	-7	-3.0	13.1	12.61	-84	33.99	8.35	.22
88/12/11	07:50	12/11	13:10	59-59.9S	080-09.2	2072	-8	-3.0	11.3	12.61	-76	33.90	8.36	.23
88/12/11	07:55	12/11	13:15	59-59.9S	080-07.1	2097	-8	-3.0	13.0	12.61	-84	33.99	8.31	.23
88/12/11	08:00	12/11	13:20	59-59.8S	080-04.9	2123	-9	-3.0	12.4	12.61	-84	33.99	8.31	.23
88/12/11	08:05	12/11	13:25	59-59.8S	080-02.6	2160	-1.0	-3.0	13.1	12.61	-84	33.99	8.28	.24
88/12/11	08:10	12/11	13:30	59-59.8S	080-00.4	2189	-1.0	-3.0	12.6	12.61	-84	33.99	8.31	.24
88/12/11	08:15	12/11	13:34	59-59.8S	079-58.3	2219	-1.1	-3.0	12.7	12.61	-68	33.98	8.40	.23
88/12/11	08:20	12/11	13:39	59-59.8S	079-56.0	2234	-1.1	-3.0	12.9	12.61	-68	33.98	8.36	.22
88/12/11	08:25	12/11	13:44	59-59.9S	079-53.8	2262	-1.1	-3.0	12.4	12.61	-60	33.90	8.38	.22
88/12/11	08:30	12/11	13:49	59-59.9S	079-51.5	2286	-1.1	-3.0	12.7	12.61	-60	33.90	8.29	.21
88/12/11	08:35	12/11	13:54	59-59.4S	079-49.4	2304	-1.2	-3.0	12.7	12.61	-68	33.82	8.19	.22
88/12/11	08:40	12/11	13:59	59-59.4S	079-47.2	2269	-1.2	-3.0	12.4	12.61	-68	33.98	8.23	.22

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]
88/12/11	08:45	12/11	14:04	59-59.4S	079-45.0	2263	-1.2	-3.0	13.0	12.61	-68	33.82	8.22	.21
88/12/11	08:50	12/11	14:08	59-59.4S	079-42.7	2276	-1.0	-3.0	13.0	12.61	-68	33.82	8.20	.21
88/12/11	08:55	12/11	14:13	59-59.4S	079-40.4	2292	-1.0	-3.0	13.1	12.61	-76	33.90	8.17	.21
88/12/11	09:00	12/11	14:18	59-59.3S	079-38.2	2304	-1.0	-3.0	13.2	12.61	-76	33.90	8.12	.20
88/12/11	09:05	12/11	14:23	59-59.3S	079-35.9	2312	-9	-3.0	13.0	12.61	-84	33.83	8.07	.20
88/12/11	09:10	12/11	14:28	59-59.3S	079-33.7	2316	-9	-3.0	12.3	12.61	-93	33.91	8.08	.20
88/12/11	09:15	12/11	14:33	59-59.3S	079-31.6	2340	-9	-3.0	13.3	12.61	-93	33.91	8.10	.21
88/12/11	09:20	12/11	14:37	59-59.3S	079-29.3	2328	-9	-3.0	12.4	12.61	-84	33.83	8.12	.20
88/12/11	09:25	12/11	14:42	59-59.3S	079-27.1	2348	-8	-3.0	13.1	12.61	-84	33.83	8.15	.21
88/12/11	09:30	12/11	14:47	59-59.3S	079-24.8	2374	-7	-3.0	13.1	12.61	-76	33.90	8.20	.21
88/12/11	09:35	12/11	14:52	59-59.3S	079-22.6	2409	-7	-3.0	13.6	12.68	-68	33.82	8.26	.21
88/12/11	09:40	12/11	14:57	59-59.3S	079-20.2	2434	-7	-3.0	13.0	12.61	-68	33.82	8.24	.22
88/12/11	09:45	12/11	15:02	59-59.3S	079-18.1	2450	-7	-3.0	12.9	12.68	-76	33.90	8.20	.22
88/12/11	09:50	12/11	15:07	59-59.2S	079-15.8	2460	-7	-3.0	13.3	12.68	-76	33.90	8.20	.22
88/12/11	09:55	12/11	15:11	59-59.2S	079-13.5	2501	-1.0	-3.0	13.1	12.61	-76	33.90	8.25	.23
88/12/11	10:00	12/11	15:16	59-59.2S	079-11.2	2522	-1.0	-3.0	13.6	12.61	-76	33.90	8.26	.23
88/12/11	10:05	12/11	15:21	59-59.2S	079-08.9	2530	-1.0	-3.0	13.5	12.61	-68	33.82	8.27	.22
88/12/11	10:10	12/11	15:26	59-59.2S	079-06.7	2524	-1.0	-3.0	13.0	12.61	-68	33.82	8.27	.22
88/12/11	10:15	12/11	15:31	59-59.2S	079-04.4	2520	-1.0	-3.0	13.3	12.61	-76	33.90	8.26	.22
88/12/11	10:20	12/11	15:36	59-58.3S	079-01.9	2507	-1.0	-3.0	12.3	12.61	-76	33.90	8.25	.25
88/12/11	10:25	12/11	15:40	59-58.2S	078-59.7	2508	-1.0	-3.0	12.5	12.61	-76	33.90	8.22	.22
88/12/11	10:30	12/11	15:45	59-58.1S	078-57.5	2516	-1.0	-3.0	12.8	12.61	-68	33.82	8.24	.22
88/12/11	10:35	12/11	15:50	59-58.3S	078-55.0	2514	-1.0	-3.0	12.8	13.43	-68	33.98	8.24	.24
88/12/11	10:40	12/11	15:55	59-58.3S	078-52.8	2520	-9	-3.0	13.3	13.43	-68	33.98	8.21	.22
88/12/11	10:45	12/11	16:00	59-58.3S	078-50.5	2536	-9	-3.0	12.6	13.43	-68	33.82	8.16	.23
88/12/11	10:50	12/11	16:05	59-58.3S	078-48.2	2557	-8	-3.0	13.2	13.21	-60	33.90	8.87	.24
88/12/11	10:55	12/11	16:10	59-58.3S	078-46.0	2567	-9	-3.0	12.4	12.61	-68	33.98	8.18	.23
88/12/11	11:00	12/11	16:14	59-58.3S	078-43.9	2560	-9	-3.0	12.7	12.61	-68	33.82	8.09	.22
88/12/11	11:05	12/11	16:19	59-58.3S	078-41.6	2545	-9	-3.0	12.9	12.61	-68	33.82	8.03	.23
88/12/11	11:10	12/11	16:24	59-58.2S	078-39.4	2533	-8	-3.0	12.9	12.61	-68	33.82	8.03	.24
88/12/11	11:15	12/11	16:29	59-58.2S	078-37.1	2518	-8	-3.0	12.8	12.61	-68	33.98	8.11	.23
88/12/11	11:20	12/11	16:34	59-58.2S	078-34.9	2491	-8	-3.0	13.4	12.61	-60	33.90	8.10	.24
88/12/11	11:25	12/11	16:39	59-58.2S	078-32.6	2472	-8	-3.0	12.8	12.61	-68	33.98	8.06	.24
88/12/11	11:30	12/11	16:44	59-58.2S	078-30.4	2452	-8	-3.0	12.0	12.61	-68	33.98	8.00	.23
88/12/11	11:35	12/11	16:48	59-58.2S	078-28.2	2421	-8	-3.0	12.1	12.68	-68	33.98	8.02	.24
88/12/11	11:40	12/11	16:53	59-58.2S	078-25.9	2403	-8	-3.0	13.0	12.61	-60	33.90	7.96	.24
88/12/11	11:45	12/11	16:58	59-58.2S	078-23.6	2378	-8	-3.0	13.1	12.61	-60	33.90	7.96	.26
88/12/11	11:50	12/11	17:03	59-58.5S	078-21.0	2356	-8	-3.0	13.2	12.61	-60	33.90	7.95	.26
88/12/11	11:55	12/11	17:08	59-58.6S	078-18.8	2346	-8	-3.0	12.9	12.68	-60	33.90	7.94	.27
88/12/11	12:00	12/11	17:13	59-58.5S	078-16.6	2332	-8	-3.0	12.6	12.61	-60	33.90	7.92	.27
88/12/11	12:05	12/11	17:17	59-58.5S	078-14.3	2318	-8	-3.0	12.7	12.61	-68	33.98	7.91	.28
88/12/11	12:10	12/11	17:22	59-58.6S	078-12.1	2311	-8	-3.0	13.7	12.61	-60	33.90	7.91	.30
88/12/11	12:15	12/11	17:27	59-58.6S	078-09.8	2305	-8	-3.0	12.4	12.61	-60	33.90	7.89	.31
88/12/11	12:25	12/11	17:37	59-58.7S	078-05.5	2281	-8	-3.0	12.9	-1.31	-5.20	-0.01	-7.50	0.00
88/12/11	12:30	12/11	17:42	59-58.7S	078-02.8	2285	-8	-3.0	12.0	12.61	-60	33.90	7.87	.31
88/12/11	12:35	12/11	17:47	59-58.7S	078-00.5	2262	-8	-3.0	13.7	12.61	-60	33.90	7.84	.30
88/12/11	12:40	12/11	17:51	59-58.8S	077-58.7	2248	-8	-3.0	12.7	12.61	-60	33.90	7.83	.32
88/12/11	12:45	12/11	17:56	59-58.9S	077-56.0	2228	-8	-3.0	12.8	12.61	-52	33.97	7.87	.32
88/12/11	12:50	12/11	18:01	59-59.0S	077-53.8	2206	-8	-3.0	13.2	12.61	-60	33.90	7.84	.32
88/12/11	12:55	12/11	18:06	59-59.1S	077-52.0	2189	-7	-3.0	12.7	12.61	-60	34.07	7.84	.32
88/12/11	13:00	12/11	18:11	59-59.3S	077-49.6	2163	-7	-3.0	13.5	12.61	-60	33.90	7.80	.32



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]
88/12/11	13:05	12/11	18:16	59-59.4S	077-47.3	2145	-7	-3.0	12.8	12.61	-60	33.90	7.81	.33
88/12/11	13:10	12/11	18:21	59-59.6S	077-45.1	2135	-7	-3.0	12.9	12.61	-60	33.90	7.81	.34
88/12/11	13:15	12/11	18:25	59-59.8S	077-42.4	2120	-8	-3.0	12.4	12.61	-60	33.90	7.81	.33
88/12/11	13:20	12/11	18:30	59-59.9S	077-40.6	2110	-6	-3.0	12.3	12.61	-60	34.07	7.79	.34
88/12/11	13:25	12/11	18:35	60-00.1S	077-38.3	2084	-6	-3.0	13.2	12.61	-52	33.97	7.79	.35
88/12/11	13:30	12/11	18:40	60-00.2S	077-36.1	2075	-5	-3.0	12.9	12.61	-60	34.07	7.79	.34
88/12/11	13:35	12/11	18:45	60-00.4S	077-33.9	2059	-5	-3.0	12.3	12.61	-60	33.90	7.76	.35
88/12/11	13:40	12/11	18:50	60-00.5S	077-31.6	2053	-4	-3.0	13.6	12.61	-60	33.90	7.74	.35
88/12/11	13:45	12/11	18:54	60-01.3S	077-29.2	2049	-4	-3.0	13.1	12.61	-60	33.90	7.75	.36
88/12/11	13:50	12/11	18:59	60-01.5S	077-26.9	2046	-3	-3.0	13.1	12.61	-68	33.98	7.74	.36
88/12/11	13:55	12/11	19:04	60-01.6S	077-24.7	2041	-3	-3.0	12.6	12.61	-60	33.90	7.75	.36
88/12/11	14:00	12/11	19:09	60-01.6S	077-22.4	2027	-3	-3.0	13.0	12.61	-68	33.98	7.78	.36
88/12/11	14:05	12/11	19:14	60-01.6S	077-20.2	2016	-3	-3.0	12.9	12.81	-68	33.98	7.78	.36
88/12/11	14:10	12/11	19:19	60-01.6S	077-17.9	2007	-3	-3.0	12.7	12.61	-60	33.90	7.84	.36
88/12/11	14:15	12/11	19:24	60-01.6S	077-15.1	2003	-3	-3.0	12.1	12.61	-80	33.90	7.83	.37
88/12/11	14:20	12/11	19:28	60-01.6S	077-12.8	1990	-3	-3.0	12.9	12.61	-80	33.90	7.82	.37
88/12/11	14:25	12/11	19:33	60-01.6S	077-10.5	1985	-3	-3.0	12.6	12.61	-60	33.90	7.80	.36
88/12/11	14:30	12/11	19:38	60-01.6S	077-08.2	1970	-3	-3.0	11.9	12.61	-60	33.90	7.82	.37
88/12/11	14:35	12/11	19:43	60-01.6S	077-06.1	1945	-3	-3.0	11.7	12.61	-60	33.90	7.85	.37
88/12/11	14:40	12/11	19:48	60-01.5S	077-03.8	1913	-3	-3.0	13.6	12.61	-68	33.98	7.86	.37
88/12/11	14:45	12/11	19:53	60-01.4S	077-01.4	1887	-3	-3.0	12.1	12.61	-60	33.90	7.86	.37
88/12/11	14:50	12/11	19:57	60-01.3S	076-59.2	1859	-3	-3.0	12.3	12.61	-80	33.90	7.88	.37
88/12/11	14:55	12/11	20:02	60-01.3S	076-57.1	1839	-3	-3.0	11.7	12.61	-80	33.90	7.89	.37
88/12/11	15:00	12/11	20:07	60-01.2S	076-54.9	1823	-3	-3.0	12.1	12.61	-68	33.98	7.88	.37
88/12/11	15:05	12/11	20:12	60-01.2S	076-52.3	1814	-3	-3.0	11.9	12.61	-68	33.98	7.91	.37
88/12/11	15:10	12/11	20:17	60-01.3S	076-50.1	1816	-3	-3.0	12.5	12.61	-68	33.98	7.91	.37
88/12/11	15:15	12/11	20:22	60-01.4S	076-47.9	1813	-3	-3.0	12.2	12.61	-68	33.98	7.93	.37
88/12/11	15:20	12/11	20:27	60-01.4S	076-45.8	1808	-3	-3.0	10.5	12.61	-60	33.90	7.96	.37
88/12/11	15:25	12/11	20:31	60-01.4S	076-43.7	1796	-3	-3.0	12.0	12.61	-68	33.98	7.96	.37
88/12/11	15:30	12/11	20:36	60-01.4S	076-41.5	1788	-3	-3.0	12.2	12.61	-68	33.98	7.95	.37
88/12/11	15:35	12/11	20:41	60-01.4S	076-38.9	1782	-3	-3.0	12.0	12.61	-68	33.98	7.98	.37
88/12/11	15:40	12/11	20:46	60-01.4S	076-37.2	1777	-3	-3.0	12.6	12.61	-68	33.98	7.99	.36
88/12/11	15:45	12/11	20:51	60-01.4S	076-35.1	1777	-3	-3.0	11.7	12.61	-68	33.98	7.98	.36
88/12/11	15:50	12/11	20:56	60-01.4S	076-32.9	1778	-3	-3.0	12.4	12.61	-68	33.98	8.00	.36
88/12/11	15:55	12/11	21:01	60-01.4S	076-30.8	1777	-4	-3.0	11.5	12.61	-68	33.98	7.99	.37
88/12/11	16:00	12/11	21:05	60-01.2S	076-27.8	1785	-4	-3.0	12.6	12.61	-68	33.82	8.01	.36
88/12/11	16:05	12/11	21:10	60-01.1S	076-25.6	1793	-4	-3.0	11.7	12.61	-68	33.98	8.05	.37
88/12/11	16:10	12/11	21:15	60-01.1S	076-23.5	1809	-4	-3.0	11.5	12.68	-76	33.90	8.04	.37
88/12/11	16:15	12/11	21:20	60-01.0S	076-21.4	1828	-4	-3.0	11.8	12.68	-68	33.98	8.02	.37
88/12/11	16:20	12/11	21:25	60-00.9S	076-19.1	1856	-4	-3.0	12.3	12.61	-68	33.98	8.00	.36
88/12/11	16:25	12/11	21:30	60-00.8S	076-17.0	1876	-4	-3.0	11.3	12.61	-68	33.98	8.03	.37
88/12/11	16:30	12/11	21:35	60-00.8S	076-15.1	1953	-4	-3.0	10.6	12.61	-68	33.98	8.04	.36
88/12/11	16:35	12/11	21:39	60-00.7S	076-13.0	1987	-4	-3.0	11.2	12.61	-68	33.98	8.01	.36
88/12/11	16:40	12/11	21:44	60-00.6S	076-10.9	1998	-4	-3.0	10.4	12.61	-68	33.98	8.07	.37
88/12/11	16:45	12/11	21:49	60-00.6S	076-08.8	2021	-4	-3.0	11.6	12.68	-68	33.98	8.07	.37
88/12/11	16:50	12/11	21:54	60-00.6S	076-06.8	2006	-4	-3.0	11.9	12.61	-60	33.90	8.10	.37
88/12/11	16:55	12/11	21:59	60-00.6S	076-04.6	2033	-4	-3.0	10.4	12.61	-68	33.98	8.16	.37
88/12/11	17:00	12/11	22:04	60-00.5S	076-02.6	2055	-4	-3.0	11.4	12.61	-68	33.98	8.11	.36
88/12/11	17:05	12/11	22:09	60-00.5S	076-00.4	2065	-4	-3.0	11.2	12.68	-68	33.98	8.12	.36
88/12/11	17:10	12/11	22:13	60-00.4S	075-58.3	2076	-4	-3.0	12.0	12.68	-68	33.98	8.13	.37
88/12/11	17:15	12/11	22:18	60-00.4S	075-56.2	2078	-4	-3.0	12.0	12.61	-68	33.98	8.15	.37

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]
88/12/11	17:20	12/11	22:23	60-00.2S	075-54.0	2084	-4	-3.0	11.7	12.68	-68	33.98	8.17	.36
88/12/11	17:25	12/11	22:28	60-00.0S	075-50.9	2105	-4	-3.0	10.2	12.68	-60	34.07	8.22	.37
88/12/11	17:30	12/11	22:33	60-00.0S	075-48.9	2101	-4	-3.0	10.7	12.68	-60	34.07	8.22	.37
88/12/11	17:35	12/11	22:38	60-00.0S	075-46.7	2115	-4	-3.0	10.5	12.68	-60	33.90	8.19	.36
88/12/11	17:40	12/11	22:42	60-00.0S	075-44.7	2119	-4	-3.0	10.9	12.61	-60	33.90	8.22	.37
88/12/11	17:45	12/11	22:47	60-00.0S	075-42.5	2126	-4	-3.0	11.2	12.61	-68	33.98	8.20	.36
88/12/11	17:50	12/11	22:52	60-00.0S	075-40.4	2139	-4	-3.0	12.0	12.61	-60	33.90	8.22	.36
88/12/11	17:55	12/11	22:57	60-00.0S	075-38.2	2151	-4	-3.0	11.6	12.68	-68	33.98	8.17	.34
88/12/11	18:00	12/11	23:02	60-00.0S	075-36.1	2159	-4	-3.0	11.4	12.61	-68	33.98	8.16	.34
88/12/11	18:05	12/11	23:07	60-00.0S	075-34.1	2154	-5	-3.0	11.0	12.68	-76	33.90	8.19	.34
88/12/11	18:10	12/11	23:12	60-00.0S	075-32.0	2167	-5	-3.0	12.4	12.61	-76	33.90	8.21	.34
88/12/11	18:15	12/11	23:16	59-59.8S	075-29.3	2151	-4	-3.0	11.4	12.61	-76	33.90	8.22	.34
88/12/11	18:20	12/11	23:21	59-59.8S	075-27.1	2184	-4	-3.0	12.2	12.61	-84	33.99	8.22	.34
88/12/11	18:25	12/11	23:26	59-59.8S	075-24.8	2173	-5	-3.0	11.5	12.61	-84	33.99	8.22	.34
88/12/11	18:30	12/11	23:31	59-59.7S	075-22.7	2155	-5	-3.0	10.1	12.61	-84	33.83	8.21	.33
88/12/11	18:35	12/11	23:36	59-59.7S	075-20.7	2130	-5	-3.0	11.3	12.61	-84	33.83	8.22	.34
88/12/11	18:40	12/11	23:41	59-59.7S	075-18.6	2117	-5	-3.0	11.5	12.68	-93	33.91	8.29	.33
88/12/11	18:45	12/11	23:46	59-59.7S	075-16.4	2135	-5	-3.0	12.3	12.61	-84	33.83	8.23	.33
88/12/11	18:50	12/11	23:50	59-59.7S	075-14.1	2099	-5	-3.0	11.7	12.61	-84	33.99	8.16	.32
88/12/11	18:55	12/11	23:55	59-59.7S	075-11.9	2121	-5	-3.0	11.1	12.61	-84	33.83	8.16	.32
88/12/11	19:00	12/12	00:00	59-59.7S	075-09.8	2095	-5	-3.0	10.2	12.61	-84	33.83	8.20	.32
88/12/11	19:05	12/12	00:05	59-59.7S	075-07.7	2101	-5	-3.0	10.3	12.61	-84	33.99	8.30	.31
88/12/11	19:10	12/12	00:10	59-59.6S	075-05.6	2112	-5	-3.0	12.0	12.61	-76	33.90	8.22	.31
88/12/11	19:15	12/12	00:15	59-59.5S	075-03.5	2122	-5	-3.0	11.4	12.61	-76	33.90	8.23	.31
88/12/11	19:20	12/12	00:20	59-59.5S	075-01.3	2137	-5	-3.0	9.8	12.61	-76	33.90	8.25	.31
88/12/11	19:25	12/12	00:24	59-59.5S	074-59.3	2150	-5	-3.0	11.7	12.68	-84	33.99	8.25	.32
88/12/11	19:30	12/12	00:29	59-59.5S	074-57.1	2160	-5	-3.0	11.6	12.61	-84	33.83	8.22	.32
88/12/11	19:35	12/12	00:34	59-59.5S	074-55.0	2169	-6	-3.0	11.3	12.68	-84	33.99	8.19	.32
88/12/11	19:40	12/12	00:39	59-59.5S	074-52.9	2178	-6	-3.0	10.2	12.61	-84	33.83	8.22	.32
88/12/11	19:45	12/12	00:44	59-59.5S	074-50.8	2201	-6	-3.0	10.7	12.61	-93	33.91	8.27	.32
88/12/11	19:50	12/12	00:49	59-59.5S	074-48.7	2215	-6	-3.0	11.9	12.61	-93	33.91	8.28	.32
88/12/11	19:55	12/12	00:54	59-59.5S	074-46.6	2215	-6	-3.0	10.4	12.68	-93	33.91	8.24	.32
88/12/11	20:00	12/12	00:58	59-59.5S	074-44.5	2216	-6	-3.0	10.5	12.61	-93	33.91	8.25	.33
88/12/11	20:05	12/12	01:03	59-59.5S	074-42.4	2217	-6	-3.0	10.2	12.61	-93	33.91	8.31	.33
88/12/11	20:10	12/12	01:08	59-59.6S	074-39.9	2227	-6	-3.0	11.1	12.68	-93	33.91	8.30	.32
88/12/11	20:15	12/12	01:13	59-59.6S	074-37.9	2186	-6	-3.0	11.4	12.68	-84	33.83	8.31	.32
88/12/11	20:20	12/12	01:18	59-59.6S	074-35.8	2184	-6	-3.0	10.9	12.61	-84	33.83	8.38	.31
88/12/11	20:25	12/12	01:23	59-59.6S	074-33.7	2190	-6	-3.0	11.5	12.68	-76	33.90	8.36	.32
88/12/11	20:30	12/12	01:28	59-59.6S	074-31.6	2213	-6	-3.0	11.5	12.61	-68	33.98	8.41	.32
88/12/11	20:35	12/12	01:32	59-59.5S	074-29.3	2200	-6	-3.0	11.1	12.68	-60	33.90	8.38	.31
88/12/11	20:40	12/12	01:37	59-59.5S	074-27.1	2215	-6	-3.0	11.1	12.68	-68	33.98	8.41	.31
88/12/11	20:45	12/12	01:42	59-59.5S	074-25.1	2206	-6	-3.0	10.6	12.68	-68	33.98	8.32	.31
88/12/11	20:50	12/12	01:47	59-59.5S	074-23.2	2213	-6	-3.0	10.0	12.61	-68	33.98	8.36	.31
88/12/11	20:55	12/12	01:52	59-59.5S	074-21.1	2206	-6	-3.0	10.9	12.61	-68	33.98	8.45	.31
88/12/11	21:00	12/12	01:57	59-59.5S	074-18.9	2219	-6	-3.0	11.5	12.61	-68	33.98	8.36	.31
88/12/11	21:05	12/12	02:02	59-59.5S	074-16.7	2218	-6	-3.0	10.9	12.61	-60	33.90	8.33	.30
88/12/11	21:10	12/12	02:06	59-59.6S	074-14.6	2224	-6	-3.0	10.9	12.68	-68	33.98	8.29	.30
88/12/11	21:15	12/12	02:11	59-59.6S	074-12.6	2236	-6	-3.0	10.6	12.68	-68	33.98	8.26	.30
88/12/11	21:20	12/12	02:16	59-59.6S	074-10.6	2248	-6	-3.0	10.8	12.68	-68	33.98	8.22	.30
88/12/11	21:25	12/12	02:21	59-59.6S	074-08.5	2262	-6	-3.0	10.8	12.61	-60	33.90	8.22	.30
88/12/11	21:30	12/12	02:26	59-59.6S	074-06.4	2287	-6	-3.0	11.5	12.68	-60	33.90	8.30	.30

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]
88/12/11	21:35	12/12	02:31	59-59.6S	074-04.2	2313	-6	-3.0	11.3	12.61	-60	33.90	8.31	.30
88/12/11	21:40	12/12	02:36	59-59.6S	074-02.0	2339	-6	-3.0	11.3	12.68	-60	33.90	8.29	.29
88/12/11	21:45	12/12	02:40	59-59.6S	073-60.0	2374	-6	-3.0	10.8	12.68	-68	33.98	8.35	.29
88/12/11	21:50	12/12	02:45	59-59.6S	073-57.8	2393	-6	-3.0	11.5	12.61	-60	33.90	8.31	.29
88/12/11	21:55	12/12	02:50	59-59.6S	073-55.6	2416	-6	-3.0	11.7	12.61	-60	33.90	8.29	.29
88/12/11	22:00	12/12	02:55	59-59.6S	073-53.0	2444	-6	-3.0	11.2	12.68	-60	33.90	8.29	.29
88/12/11	22:05	12/12	03:00	59-59.6S	073-50.9	2465	-6	-3.0	11.5	12.68	-60	33.90	8.33	.29
88/12/11	22:10	12/12	03:05	59-59.6S	073-48.8	2478	-6	-3.0	10.5	12.61	-68	33.98	8.27	.29
88/12/11	22:15	12/12	03:10	59-59.6S	073-46.6	2487	-6	-3.0	10.9	12.68	-68	33.98	8.45	.29
88/12/11	22:20	12/12	03:14	59-59.6S	073-44.5	2489	-7	-3.0	11.8	12.61	-68	33.98	8.43	.30
88/12/11	22:25	12/12	03:19	59-59.6S	073-42.4	2510	-7	-3.0	12.0	12.68	-68	33.98	8.29	.29
88/12/11	22:30	12/12	03:24	59-59.6S	073-40.1	2510	-7	-3.0	11.2	12.61	-80	33.90	8.33	.29
88/12/11	22:35	12/12	03:29	59-59.6S	073-38.0	2513	-7	-3.0	11.6	12.68	-60	33.90	8.38	.30
88/12/11	22:40	12/12	03:34	59-59.6S	073-35.8	2528	-7	-3.0	11.6	12.68	-68	33.98	8.35	.29
88/12/11	22:45	12/12	03:39	59-59.6S	073-33.6	2522	-7	-3.0	10.3	12.68	-76	33.90	8.33	.28
88/12/11	22:50	12/12	03:44	59-59.6S	073-31.4	2544	-7	-3.0	11.5	12.61	-84	33.99	8.35	.27
88/12/11	22:55	12/12	03:48	59-59.6S	073-29.3	2562	-7	-3.0	11.3	12.68	-84	33.99	8.33	.27
88/12/11	23:00	12/12	03:53	59-59.6S	073-27.1	2606	-7	-3.0	11.1	12.68	-84	33.83	8.31	.27
88/12/11	23:05	12/12	03:58	59-59.6S	073-25.0	2621	-7	-3.0	10.5	12.68	-76	33.90	8.33	.27
88/12/11	23:10	12/12	04:03	59-59.6S	073-23.0	2674	-7	-3.0	10.8	12.68	-84	33.99	8.32	.27
88/12/11	23:15	12/12	04:08	59-59.6S	073-20.8	2747	-7	-3.0	11.5	12.68	-76	33.90	8.32	.26
88/12/11	23:20	12/12	04:13	59-59.6S	073-18.7	2834	-7	-3.0	10.9	12.68	-76	33.90	8.34	.26
88/12/11	23:25	12/12	04:18	59-59.6S	073-17.2	2852	-7	-3.0	11.0	12.68	-93	33.91	8.27	.25
88/12/11	23:30	12/12	04:23	59-59.6S	073-15.1	3067	-8	-3.0	11.0	12.68	-1.01	33.83	8.28	.25
88/12/11	23:35	12/12	04:27	59-59.6S	073-12.9	3117	-8	-3.0	10.6	12.68	-1.01	33.83	8.21	.22
88/12/11	23:40	12/12	04:32	59-59.6S	073-10.9	3056	-8	-3.0	10.0	12.61	-1.18	33.84	8.28	.21
88/12/11	23:45	12/12	04:37	59-59.6S	073-08.9	3072	-8	-3.0	8.8	12.61	-1.18	33.84	8.23	.22
88/12/11	23:50	12/12	04:42	59-59.6S	073-06.8	3060	-8	-3.0	11.7	12.68	-1.18	33.84	8.33	.22
88/12/11	23:55	12/12	04:47	59-59.6S	073-04.7	3134	-8	-3.0	11.5	12.68	-1.10	33.75	8.33	.21
88/12/12	00:00	12/12	04:52	59-59.6S	073-02.6	3230	-8	-3.0	10.7	12.68	-1.10	33.75	8.36	.21
88/12/12	00:05	12/12	04:57	59-59.6S	073-00.5	3250	-8	-3.0	10.1	12.68	-1.18	33.84	8.33	.21
88/12/12	00:10	12/12	05:01	59-59.6S	072-58.5	3251	-9	-3.0	11.1	12.68	-1.18	33.84	8.32	.21
88/12/12	00:15	12/12	05:06	59-59.6S	072-56.4	3361	-8	-3.0	11.3	12.68	-1.18	33.84	8.38	.21
88/12/12	00:20	12/12	05:11	59-59.6S	072-54.3	3462	-8	-3.0	11.1	12.76	-1.18	33.84	8.36	.21
88/12/12	00:25	12/12	05:16	59-59.7S	072-52.3	3535	-8	-3.0	10.8	12.68	-1.18	33.84	8.34	.21
88/12/12	00:30	12/12	05:21	59-59.7S	072-50.2	3493	-8	-3.0	11.3	12.76	-1.18	33.84	8.37	.21
88/12/12	00:35	12/12	05:26	59-59.7S	072-48.1	3628	-8	-3.0	10.6	12.68	-1.18	33.84	8.33	.21
88/12/12	00:40	12/12	05:31	59-59.6S	072-46.1	3640	-8	-3.0	12.0	12.68	-1.18	33.84	8.37	.21
88/12/12	00:45	12/12	05:35	59-59.6S	072-44.0	3693	-8	-3.0	10.7	12.76	-1.18	33.67	8.36	.21
88/12/12	00:50	12/12	05:40	59-59.6S	072-42.0	3707	-8	-3.0	11.1	12.76	-1.18	33.67	8.39	.20
88/12/12	00:55	12/12	05:45	59-59.6S	072-39.9	3692	-8	-3.0	11.1	12.68	-1.18	33.84	8.38	.20
88/12/12	01:00	12/12	05:50	59-59.6S	072-37.8	3690	-9	-3.0	11.9	12.76	-1.18	33.67	8.42	.20
88/12/12	01:05	12/12	05:55	59-59.6S	072-35.6	3718	-9	-3.0	10.8	12.68	-1.18	33.84	8.40	.20
88/12/12	01:10	12/12	06:00	59-59.6S	072-33.8	3702	-9	-3.0	11.3	12.68	-1.18	33.84	8.41	.20
88/12/12	01:15	12/12	06:05	59-59.6S	072-31.7	0	-9	-3.0	11.7	12.68	-1.18	33.84	8.41	.20
88/12/12	01:20	12/12	06:09	59-59.7S	072-29.6	3478	-9	-3.0	10.4	12.68	-1.10	33.75	8.43	.20
88/12/12	01:25	12/12	06:14	59-59.7S	072-27.6	0	-9	-3.0	10.2	12.68	-1.18	33.84	8.47	.20
88/12/12	01:30	12/12	06:19	59-59.7S	072-25.7	3503	-9	-3.0	9.1	12.68	-1.10	33.75	8.43	.19
88/12/12	01:35	12/12	06:24	59-59.7S	072-23.8	3489	-9	-3.0	10.3	12.68	-1.18	33.84	8.53	.19
88/12/12	01:40	12/12	06:29	59-59.7S	072-21.8	3282	-8	-3.0	10.8	12.68	-1.18	33.84	8.50	.19
88/12/12	01:45	12/12	06:34	59-59.7S	072-19.7	3303	-8	-3.0	10.0	12.68	-1.18	33.84	8.48	.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]
88/12/12	01:50	12/12	06:39	59-59.7S	072-17.7	3477	-8	-3.0	11.0	12.76	-1.26	33.76	8.40	.20
88/12/12	01:55	12/12	06:44	59-59.7S	072-15.8	3299	-8	-3.0	10.4	12.76	-1.26	33.76	8.39	.20
88/12/12	02:00	12/12	06:48	59-59.7S	072-13.7	3292	-8	-3.0	12.4	12.68	-1.26	33.76	8.48	.20
88/12/12	02:05	12/12	06:53	59-59.7S	072-11.5	3362	-8	-3.0	11.3	12.68	-1.18	33.84	8.41	.19
88/12/12	02:10	12/12	06:58	59-59.7S	072-09.9	3744	-8	-3.0	10.6	12.68	-1.18	33.84	8.41	.19
88/12/12	02:15	12/12	07:03	59-59.7S	072-07.9	3785	-1.0	-3.0	12.5	12.76	-1.26	33.76	8.46	.20
88/12/12	02:20	12/12	07:08	59-59.7S	072-05.6	0	-9	-3.0	12.0	12.68	-1.26	33.76	8.41	.20
88/12/12	02:25	12/12	07:13	59-59.7S	072-03.4	4031	-9	-3.0	11.9	12.76	-1.26	33.76	8.43	.20
88/12/12	02:30	12/12	07:18	59-59.6S	072-01.3	4101	-9	-3.0	11.2	12.76	-1.26	33.76	8.45	.20
88/12/12	02:35	12/12	07:22	59-59.6S	071-59.3	4177	-9	-3.0	10.7	12.68	-1.26	33.76	8.51	.20
88/12/12	02:40	12/12	07:27	59-59.6S	071-57.2	4100	-9	-3.0	11.4	12.68	-1.26	33.76	8.55	.20
88/12/12	02:45	12/12	07:32	59-59.6S	071-55.1	4334	-9	-3.0	11.7	12.76	-1.18	33.84	8.58	.20
88/12/12	02:50	12/12	07:37	59-59.6S	071-53.0	4347	-9	-3.0	10.6	12.76	-1.18	33.84	8.59	.19
88/12/12	02:55	12/12	07:42	59-59.6S	071-51.2	4300	-9	-3.0	11.8	12.76	-1.18	33.84	8.61	.20
88/12/12	03:00	12/12	07:47	59-59.6S	071-48.9	4427	-9	-3.0	11.9	12.76	-1.18	33.84	8.63	.19
88/12/12	03:05	12/12	07:52	59-59.6S	071-46.7	4418	-9	-3.0	11.7	12.76	-1.10	33.75	8.63	.19
88/12/12	03:10	12/12	07:56	59-59.6S	071-44.6	4415	-9	-3.0	11.1	12.76	-1.10	33.92	8.67	.19
88/12/12	03:15	12/12	08:01	59-59.7S	071-42.5	4420	-9	-3.0	11.9	12.76	-1.01	33.83	8.67	.19
88/12/12	03:20	12/12	08:06	59-59.8S	071-40.2	4412	-9	-3.0	12.2	12.76	-1.01	33.83	8.67	.19
88/12/12	03:25	12/12	08:11	59-59.8S	071-38.0	4413	-9	-3.0	12.1	12.76	-.93	33.75	8.63	.19
88/12/12	03:30	12/12	08:16	60-00.0S	071-36.0	4400	-9	-3.0	5.5	12.76	-1.01	33.83	8.64	.19
88/12/12	03:35	12/12	08:21	60-00.2S	071-34.9	4395	-7	-3.0	9.9	12.68	-1.10	33.92	8.69	.19
88/12/12	03:40	12/12	08:26	60-00.2S	071-32.8	4403	-8	-3.0	12.7	12.68	-1.10	33.75	8.63	.19
88/12/12	03:45	12/12	08:31	60-00.2S	071-30.5	4382	-9	-3.0	11.7	12.68	-1.10	33.92	8.58	.19
88/12/12	03:50	12/12	08:35	60-00.2S	071-28.4	4400	-9	-3.0	10.6	12.68	-1.10	33.92	8.60	.19
88/12/12	03:55	12/12	08:40	60-00.2S	071-26.3	4400	-1.0	-3.0	11.6	12.76	-1.10	33.75	8.62	.19
88/12/12	04:00	12/12	08:45	60-00.2S	071-24.2	0	-1.0	-3.0	10.3	12.68	-1.10	33.75	8.63	.19
88/12/12	04:05	12/12	08:50	60-00.2S	071-22.1	4388	-1.1	-3.0	11.4	12.76	-1.10	33.75	8.71	.19
88/12/12	04:10	12/12	08:55	60-00.2S	071-19.9	4350	-1.1	-3.0	11.3	12.76	-1.10	33.92	8.70	.19
88/12/12	04:15	12/12	09:00	60-00.2S	071-17.8	4400	-1.1	-3.0	11.3	12.76	-1.01	33.83	8.69	.19
88/12/12	04:20	12/12	09:05	60-00.2S	071-15.7	4400	-1.1	-3.0	11.9	12.76	-1.01	33.83	8.66	.19
88/12/12	04:25	12/12	09:09	60-00.2S	071-13.5	4400	-1.2	-3.0	11.4	12.68	-1.01	33.83	8.66	.19
88/12/12	04:30	12/12	09:14	60-00.2S	071-11.3	0	-1.2	-3.0	11.7	12.76	-1.01	33.83	8.62	.19
88/12/12	04:35	12/12	09:19	60-00.2S	071-09.2	4360	-1.1	-3.0	11.4	12.76	-1.01	33.83	8.60	.19
88/12/12	04:40	12/12	09:24	60-00.2S	071-07.0	4394	-1.2	-3.0	11.5	12.76	-1.10	33.92	8.64	.19
88/12/12	04:45	12/12	09:29	60-00.2S	071-04.9	4395	-1.1	-3.0	11.7	12.76	-.93	33.75	8.65	.19
88/12/12	04:50	12/12	09:34	60-00.1S	071-02.7	4407	-1.1	-3.0	11.9	12.76	-.93	33.75	8.64	.19
88/12/12	04:55	12/12	09:39	60-00.1S	071-00.6	4389	-1.1	-3.0	10.9	12.76	-1.01	33.83	8.63	.19
88/12/12	05:00	12/12	09:43	60-00.1S	070-58.5	4394	-1.1	-3.0	11.8	12.76	-.93	33.75	8.64	.18
88/12/12	05:05	12/12	09:48	60-00.1S	070-56.3	4399	-1.1	-3.0	11.4	12.76	-.93	33.75	8.67	.19
88/12/12	05:10	12/12	09:53	60-00.1S	070-54.1	4408	-1.1	-3.0	12.2	12.68	-.93	33.91	8.69	.18
88/12/12	05:15	12/12	09:58	60-00.1S	070-52.0	4394	-1.1	-3.0	11.2	12.76	-.84	33.83	8.69	.19
88/12/12	05:20	12/12	10:03	60-00.1S	070-50.0	4392	-1.0	-3.0	10.6	12.68	-.84	33.83	8.70	.18
88/12/12	05:25	12/12	10:08	59-59.7S	070-49.1	4405	-9	-3.0	12.4	12.68	-.84	33.83	8.68	.18
88/12/12	05:30	12/12	10:13	59-59.7S	070-47.0	4398	-8	-3.0	11.2	12.68	-.76	33.90	8.72	.19
88/12/12	05:35	12/12	10:18	59-59.6S	070-45.1	4411	-8	-3.0	11.6	12.68	-.76	33.90	8.64	.19
88/12/12	05:40	12/12	10:22	59-59.6S	070-43.1	4410	-8	-3.0	11.6	12.76	-.76	33.90	8.68	.18
88/12/12	05:45	12/12	10:27	59-59.6S	070-40.9	4405	-8	-3.0	11.6	12.68	-.76	33.90	8.65	.19
88/12/12	05:50	12/12	10:32	59-59.6S	070-38.8	4404	-8	-3.0	11.6	12.68	-.93	33.91	8.62	.18
88/12/12	05:55	12/12	10:37	59-59.6S	070-36.6	4410	-8	-3.0	11.6	12.68	-.84	33.83	8.61	.18
88/12/12	06:00	12/12	10:42	59-59.6S	070-34.6	4415	-8	-3.0	11.6	12.68	-.84	33.83	8.65	.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]	[m/l]	[ug/l]
88/12/12	06:05	12/12	10:47	59-59.5S	070-32.3	4412	-8	-3.0	11.6	12.68	-84	33.83	8.62	.18
88/12/12	06:10	12/12	10:52	59-59.5S	070-30.1	4397	-8	-3.0	11.6	12.68	-93	33.91	8.62	.18
88/12/12	06:15	12/12	10:56	59-59.5S	070-27.9	4397	-8	-3.0	11.6	12.68	-93	33.91	8.63	.19
88/12/12	06:20	12/12	11:01	59-59.5S	070-25.7	3800	-9	-3.0	11.6	12.68	-93	33.91	8.64	.18
88/12/12	06:25	12/12	11:06	59-59.4S	070-23.5	3694	-1.0	-3.0	11.6	12.68	-93	33.75	8.63	.19
88/12/12	06:30	12/12	11:11	59-59.4S	070-21.2	3710	-1.0	-3.0	11.6	12.68	-93	33.91	8.61	.19
88/12/12	06:35	12/12	11:16	59-59.4S	070-19.0	3800	-1.0	-3.0	11.6	12.68	-93	33.75	8.61	.19
88/12/12	06:40	12/12	11:21	59-59.3S	070-16.6	4405	-1.0	-3.0	11.6	12.68	-93	33.75	8.57	.19
88/12/12	06:45	12/12	11:25	59-59.8S	070-13.5	4408	-1.0	-3.0	11.6	12.68	-93	33.75	8.57	.19
88/12/12	06:50	12/12	11:30	59-59.8S	070-11.2	4410	-1.0	-3.0	11.6	12.68	-1.01	33.83	8.59	.19
88/12/12	06:55	12/12	11:35	59-59.7S	070-08.9	4414	-9	-3.0	11.6	12.68	-1.01	33.83	8.57	.19
88/12/12	07:00	12/12	11:40	59-59.7S	070-06.4	4422	-8	-3.0	11.6	12.68	-1.01	33.83	8.59	.19
88/12/12	07:05	12/12	11:45	59-59.7S	070-04.0	4416	-8	-3.0	11.6	12.68	-1.01	33.83	8.60	.19
88/12/12	07:10	12/12	11:50	59-59.8S	070-02.2	4419	-8	-3.0	11.6	12.68	-93	33.75	8.59	.19
88/12/12	07:15	12/12	11:54	59-59.8S	069-59.9	4450	-8	-3.0	11.6	12.68	-93	33.75	8.60	.19
88/12/12	07:20	12/12	11:59	59-59.8S	069-57.7	4422	-8	-3.0	11.6	12.76	-1.01	33.83	8.56	.19
88/12/12	07:25	12/12	12:04	59-59.8S	069-55.4	4421	-8	-3.0	11.6	12.68	-93	33.91	8.58	.18
88/12/12	07:30	12/12	12:09	59-59.8S	069-53.0	4419	-8	-3.0	11.6	12.68	-84	33.83	8.61	.19
88/12/12	07:35	12/12	12:14	59-59.8S	069-50.7	4453	-7	-3.0	11.6	12.88	-84	33.83	8.57	.18
88/12/12	07:40	12/12	12:19	59-59.7S	069-48.4	4415	-6	-3.0	11.6	12.88	-84	33.83	8.59	.18
88/12/12	07:45	12/12	12:24	59-59.7S	069-46.0	4418	-4	-3.0	11.6	12.68	-76	33.74	8.58	.18
88/12/12	07:50	12/12	12:28	59-59.7S	069-43.6	4420	-4	-3.0	11.6	12.68	-76	33.74	8.56	.18
88/12/12	07:55	12/12	12:33	59-59.7S	069-41.2	4422	-6	-3.0	11.6	12.68	-76	33.74	8.54	.18
88/12/12	08:00	12/12	12:38	59-59.6S	069-38.7	4421	-5	-3.0	11.6	12.68	-84	33.83	8.53	.18
88/12/12	08:05	12/12	12:43	59-59.6S	069-36.3	4421	-4	-3.0	11.6	12.68	-93	33.75	8.50	.18
88/12/12	08:10	12/12	12:48	59-59.6S	069-33.8	4420	-4	-3.0	11.6	12.68	-93	33.75	8.48	.18
88/12/12	08:15	12/12	12:53	59-59.6S	069-31.5	4420	-3	-3.0	11.6	12.68	-93	33.75	8.50	.18
88/12/12	08:20	12/12	12:57	59-59.6S	069-29.1	4431	-2	-3.0	11.6	12.68	-93	33.75	8.52	.19
88/12/12	08:25	12/12	13:02	59-59.6S	069-26.6	4431	-1	-3.0	11.6	12.68	-93	33.75	8.50	.18
88/12/12	08:30	12/12	13:07	59-59.6S	069-24.2	4438	.2	-3.0	11.6	12.68	-93	33.75	8.51	.18
88/12/12	08:35	12/12	13:12	59-59.6S	069-22.9	4500	.4	-3.0	11.6	12.76	-93	33.75	8.49	.18
88/12/12	08:40	12/12	13:17	59-59.6S	069-20.5	4500	.5	-3.0	11.6	12.68	-84	33.66	8.50	.18
88/12/12	08:45	12/12	13:22	59-59.6S	069-18.2	4436	.3	-3.0	11.6	12.68	-76	33.74	8.52	.18
88/12/12	08:50	12/12	13:27	59-59.6S	069-15.8	4447	.1	-3.0	11.6	12.68	-76	33.74	8.53	.18
88/12/12	08:55	12/12	13:31	59-59.5S	069-13.5	4445	.1	-3.0	11.6	12.68	-84	33.83	8.63	.18
88/12/12	09:00	12/12	13:36	59-59.6S	069-11.4	4500	.1	-3.0	11.6	12.68	-76	33.74	8.51	.18
88/12/12	09:05	12/12	13:41	59-59.6S	069-09.0	4458	.2	-3.0	11.6	12.68	-76	33.74	8.55	.18
88/12/12	09:10	12/12	13:46	59-59.6S	069-06.8	4473	.1	-3.0	11.6	12.68	-76	33.74	8.56	.18
88/12/12	09:15	12/12	13:51	59-59.6S	069-04.4	4457	.1	-3.0	11.6	12.68	-76	33.74	8.55	.18
88/12/12	09:20	12/12	13:56	59-59.6S	069-02.0	4452	.1	-3.0	11.6	12.68	-76	33.74	8.53	.18
88/12/12	09:25	12/12	14:00	59-59.5S	068-59.8	4453	.2	-3.0	11.6	12.68	-76	33.74	8.52	.18
88/12/12	09:30	12/12	14:05	59-59.5S	068-57.5	4471	.3	-3.0	11.6	12.68	-68	33.82	8.51	.18
88/12/12	09:35	12/12	14:10	59-59.5S	068-55.3	4474	.4	-3.0	11.6	12.68	-68	33.82	8.52	.18
88/12/12	09:40	12/12	14:15	59-59.5S	068-52.9	4479	.1	-3.0	11.6	12.68	-68	33.82	8.50	.18
88/12/12	09:45	12/12	14:20	59-59.5S	068-50.6	4477	0.0	-3.0	11.6	12.68	-68	33.82	8.48	.18
88/12/12	09:50	12/12	14:25	59-59.6S	068-48.1	4495	-.1	-3.0	11.6	12.68	-60	33.90	8.45	.18
88/12/12	09:55	12/12	14:30	59-59.5S	068-45.7	4505	0.0	-3.0	11.6	12.68	-60	33.90	8.43	.18
88/12/12	10:00	12/12	14:34	59-59.6S	068-43.4	4508	.1	-3.0	11.6	12.68	-60	33.90	8.41	.18
88/12/12	10:05	12/12	14:39	59-59.5S	068-41.1	4493	.3	-3.0	11.6	12.68	-60	33.90	8.42	.18
88/12/12	10:10	12/12	14:44	59-59.5S	068-38.8	4503	.7	-3.0	11.6	12.68	-60	33.90	8.44	.18
88/12/12	10:15	12/12	14:49	59-59.5S	068-36.4	4490	.4	-3.0	11.6	12.68	-52	33.81	8.51	.18

GMT		LAT		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]
88/12/12	10:20	12/12	14:54	59-59.7S	068-34.6	4499	.4	-3.0	11.6	12.68	-.52	33.81	8.51	.18
88/12/12	10:25	12/12	14:59	59-59.7S	068-32.2	4494	.5	-3.0	11.6	12.68	-.52	33.81	8.52	.18
88/12/12	10:30	12/12	15:03	59-59.7S	068-29.9	4493	.4	-3.0	11.6	12.68	-.52	33.81	8.50	.18
88/12/12	10:35	12/12	15:08	59-59.7S	068-27.4	4500	.6	-3.0	11.6	12.68	-.52	33.81	8.50	.18
88/12/12	10:40	12/12	15:13	59-59.7S	068-25.0	4509	.6	-3.0	11.6	12.68	-.52	33.81	8.50	.18
88/12/12	10:45	12/12	15:18	59-59.7S	068-22.6	4513	.6	-3.0	11.6	12.68	-.52	33.81	8.48	.18
88/12/12	10:50	12/12	15:23	59-59.7S	068-20.2	4502	.5	-3.0	11.6	12.68	-.60	33.90	8.46	.18
88/12/12	10:55	12/12	15:28	59-59.7S	068-17.8	4501	.6	-3.0	11.6	12.68	-.68	33.82	8.42	.18
88/12/12	11:00	12/12	15:33	59-59.7S	068-15.4	4500	.5	-3.0	11.6	12.68	-.68	33.82	8.41	.18
88/12/12	11:05	12/12	15:37	59-59.7S	068-13.1	4507	.7	-3.0	11.6	12.68	-.68	33.82	8.39	.18
88/12/12	11:10	12/12	15:42	59-59.8S	068-10.8	4513	.5	-3.0	11.6	12.68	-.68	33.82	8.41	.18
88/12/12	11:15	12/12	15:47	59-59.8S	068-08.5	4502	-.3	-3.0	11.6	12.68	-.68	33.65	8.40	.18
88/12/12	11:20	12/12	15:52	59-59.8S	068-06.1	4505	-.3	-3.0	11.6	12.68	-.68	33.65	8.38	.18
88/12/12	11:25	12/12	15:57	59-59.8S	068-03.7	4509	-.2	-3.0	11.6	12.68	-.68	33.82	8.40	.18
88/12/12	11:30	12/12	16:02	59-59.8S	068-01.2	0	-.2	-3.0	11.6	12.68	-.68	33.82	8.41	.18
88/12/12	11:35	12/12	16:06	60-00.1S	067-58.8	4528	-.2	-3.0	11.6	12.68	-.68	33.82	8.39	.18
88/12/12	11:40	12/12	16:11	60-00.1S	067-56.4	4522	-.2	-3.0	11.6	12.68	-.76	33.74	8.36	.18
88/12/12	11:45	12/12	16:16	60-00.1S	067-54.0	4517	-.2	-3.0	11.6	12.68	-.76	33.74	8.36	.18
88/12/12	11:50	12/12	16:21	60-00.1S	067-51.6	4529	0.0	-3.0	11.6	12.68	-.68	33.82	8.37	.18
88/12/12	11:55	12/12	16:26	60-00.1S	067-49.1	4519	.1	-3.0	11.6	12.68	-.52	33.81	8.41	.18
88/12/12	12:00	12/12	16:31	60-00.1S	067-46.7	4513	.1	-3.0	11.6	12.68	-.52	33.81	8.42	.18
88/12/12	12:05	12/12	16:35	60-00.1S	067-44.3	4541	.2	-3.0	11.6	12.68	-.52	33.81	8.39	.19
88/12/12	12:10	12/12	16:40	60-00.1S	067-41.9	4533	.2	-3.0	11.6	12.68	-.52	33.81	8.36	.18
88/12/12	12:15	12/12	16:45	60-00.1S	067-40.1	4536	.2	-3.0	11.6	12.68	-.52	33.81	8.36	.18
88/12/12	12:20	12/12	16:50	60-00.1S	067-37.8	4542	.2	-3.0	11.6	12.68	-.52	33.81	8.35	.18
88/12/12	12:25	12/12	16:55	60-00.2S	067-35.4	4579	.2	-3.0	11.6	12.68	-.80	33.73	8.31	.18
88/12/12	12:30	12/12	17:00	60-00.2S	067-32.9	4559	.5	-3.0	11.6	12.68	-.60	33.73	8.33	.18
88/12/12	12:35	12/12	17:05	60-00.2S	067-30.5	4556	.4	-3.0	11.6	12.68	-.60	33.73	8.31	.18
88/12/12	12:40	12/12	17:09	60-00.4S	067-28.1	4538	.5	-3.0	11.6	12.68	-.68	33.82	8.31	.18
88/12/12	12:45	12/12	17:14	60-00.4S	067-25.7	4564	.7	-3.0	11.6	12.68	-.68	33.82	8.29	.19
88/12/12	12:50	12/12	17:19	60-00.4S	067-23.2	4553	.7	-3.0	11.6	12.68	-.68	33.82	8.33	.19
88/12/12	12:55	12/12	17:24	60-00.4S	067-20.8	4550	.4	-3.0	11.6	12.68	-.80	33.73	8.33	.19
88/12/12	13:00	12/12	17:29	60-00.4S	067-18.5	4557	.2	-3.0	11.6	12.68	-.80	33.73	8.35	.19
88/12/12	13:05	12/12	17:34	60-00.4S	067-16.0	4560	.3	-3.0	11.6	12.68	-.52	33.81	8.37	.19
88/12/12	13:10	12/12	17:38	60-00.4S	067-13.7	4555	.3	-3.0	11.6	12.68	-.44	33.89	8.37	.19
88/12/12	13:15	12/12	17:43	60-00.5S	067-11.3	4563	.3	-3.0	11.6	12.68	-.36	33.80	8.42	.19
88/12/12	13:20	12/12	17:48	60-00.5S	067-08.9	4563	.3	-3.0	11.6	12.68	-.28	33.68	8.43	.19
88/12/12	13:25	12/12	17:53	60-00.5S	067-06.4	4568	.4	-3.0	11.6	12.68	-.36	33.97	8.40	.19
88/12/12	13:30	12/12	17:58	60-00.5S	067-04.0	4567	.7	-3.0	11.6	12.68	-.28	33.68	8.37	.19
88/12/12	13:35	12/12	18:03	60-00.5S	067-01.6	4600	.4	-3.0	11.6	12.68	-.28	33.68	8.38	.20
88/12/12	13:40	12/12	18:07	60-00.5S	066-59.1	4581	.4	-3.0	11.6	12.68	-.20	33.79	8.36	.19
88/12/12	13:45	12/12	18:12	60-00.5S	066-56.6	4598	.4	-3.0	11.6	12.68	-.28	33.68	8.36	.20
88/12/12	13:50	12/12	18:17	60-00.5S	066-54.2	4580	.4	-3.0	11.6	12.68	-.36	33.80	8.33	.19
88/12/12	13:55	12/12	18:22	60-00.5S	066-51.7	4580	.4	-3.0	11.6	12.68	-.44	33.89	8.29	.19
88/12/12	14:00	12/12	18:27	60-00.5S	066-49.3	4584	.2	-3.0	11.6	12.68	-.52	33.81	8.28	.19
88/12/12	14:05	12/12	18:32	60-00.6S	066-46.8	4584	.1	-3.0	11.6	12.68	-.60	33.90	8.26	.19
88/12/12	14:10	12/12	18:36	60-00.6S	066-44.3	4568	.1	-3.0	11.6	12.68	-.60	33.90	8.31	.20
88/12/12	14:15	12/12	18:41	60-00.6S	066-41.9	4593	0.0	-3.0	11.6	12.68	-.60	33.90	8.33	.21
88/12/12	14:20	12/12	18:46	60-00.7S	066-39.5	4596	0.0	-3.0	11.6	12.68	-.60	33.90	8.33	.22
88/12/12	14:25	12/12	18:51	60-00.9S	066-37.3	4596	0.0	-3.0	11.6	12.68	-.60	33.90	8.34	.22
88/12/12	14:30	12/12	18:56	60-00.9S	066-34.9	4605	-.1	-3.0	11.6	12.68	-.60	33.73	8.36	.22

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]
88/12/12	14:35	12/12	19:01	60-00.9S	066-32.5	4601	-1	-3.0	11.6	12.68	-60	33.73	8.36	.22
88/12/12	14:40	12/12	19:06	60-01.0S	066-30.0	4604	-1	-3.0	11.6	12.68	-60	33.90	8.38	.22
88/12/12	14:45	12/12	19:10	60-01.0S	066-27.5	4605	-1	-3.0	11.6	12.68	-60	33.73	8.36	.21
88/12/12	14:50	12/12	19:15	60-01.0S	066-25.1	4613	-2	-3.0	11.6	12.68	-60	33.73	8.35	.22
88/12/12	14:55	12/12	19:20	60-01.0S	066-22.7	4608	-2	-3.0	11.6	12.68	-68	33.82	8.36	.22
88/12/12	15:00	12/12	19:25	60-01.0S	066-20.3	4613	-2	-3.0	11.6	12.61	-68	33.65	8.31	.22
88/12/12	15:05	12/12	19:30	60-01.0S	066-17.8	4617	-2	-3.0	11.6	12.68	-76	33.74	8.28	.23
88/12/12	15:10	12/12	19:35	60-00.8S	066-15.6	4619	-2	-3.0	11.6	12.68	-68	33.65	8.31	.22
88/12/12	15:15	12/12	19:39	60-00.8S	066-13.2	4621	-2	-3.0	11.6	12.68	-76	33.74	8.29	.22
88/12/12	15:20	12/12	19:44	60-00.8S	066-10.7	4623	-2	-3.0	11.6	12.61	-76	33.74	8.29	.22
88/12/12	15:25	12/12	19:49	60-00.7S	066-08.4	4630	-2	-3.0	11.6	12.61	-76	33.74	8.28	.22
88/12/12	15:30	12/12	19:54	60-00.7S	066-06.0	4635	-2	-3.0	11.6	12.68	-68	33.82	8.31	.21
88/12/12	15:35	12/12	19:59	60-00.7S	066-03.5	4632	-3	-3.0	11.6	12.61	-60	33.73	8.32	.21
88/12/12	15:40	12/12	20:04	60-00.7S	066-01.1	4631	-3	-3.0	11.6	12.68	-60	33.73	8.36	.21
88/12/12	15:45	12/12	20:08	60-00.6S	065-58.7	4647	-3	-3.0	11.6	12.68	-60	33.73	8.36	.21
88/12/12	15:50	12/12	20:13	60-00.6S	065-56.2	4648	-3	-3.0	11.6	12.68	-60	33.73	8.36	.21
88/12/12	15:55	12/12	20:18	60-00.5S	065-53.8	4642	-3	-3.0	11.6	12.61	-60	33.73	8.35	.21
88/12/12	16:00	12/12	20:23	60-00.5S	065-51.4	4634	-3	-3.0	11.6	12.68	-60	33.73	8.33	.21
88/12/12	16:05	12/12	20:28	60-00.5S	065-48.9	4645	-3	-3.0	11.6	12.68	-60	33.73	8.34	.21
88/12/12	16:10	12/12	20:33	60-00.5S	065-46.5	4639	-3	-3.0	11.6	12.61	-60	33.73	8.32	.21
88/12/12	16:15	12/12	20:37	60-00.5S	065-44.1	4652	-3	-3.0	11.6	12.61	-60	33.73	8.33	.21
88/12/12	16:20	12/12	20:42	60-00.5S	065-42.9	4643	-3	-3.0	11.6	12.61	-68	33.82	8.31	.21
88/12/12	16:25	12/12	20:47	60-00.5S	065-40.5	4644	-3	-3.0	11.6	12.61	-68	33.82	8.31	.21
88/12/12	16:30	12/12	20:52	60-00.5S	065-38.1	4652	-2	-3.0	11.6	12.68	-76	33.90	8.29	.22
88/12/12	16:35	12/12	20:57	60-00.4S	065-35.7	4645	-3	-3.0	11.6	12.61	-76	33.74	8.30	.22
88/12/12	16:40	12/12	21:02	60-00.4S	065-33.3	4648	-3	-3.0	11.6	12.61	-76	33.74	8.33	.23
88/12/12	16:45	12/12	21:07	60-00.4S	065-30.9	4658	-3	-3.0	11.6	12.61	-68	33.82	8.35	.23
88/12/12	16:50	12/12	21:11	60-00.4S	065-28.4	4655	-3	-3.0	11.6	12.61	-68	33.65	8.35	.23
88/12/12	16:55	12/12	21:16	60-00.4S	065-26.1	4600	-2	-3.0	11.6	12.61	-68	33.65	8.36	.23
88/12/12	17:00	12/12	21:21	60-00.4S	065-24.0	4600	-2	-3.0	11.6	12.68	-68	33.65	8.37	.23
88/12/12	17:05	12/12	21:26	60-00.4S	065-21.5	4658	-2	-3.0	11.6	12.61	-76	33.74	8.36	.23
88/12/12	17:10	12/12	21:31	60-00.4S	065-19.1	4662	-2	-3.0	11.6	12.68	-76	33.74	8.36	.23
88/12/12	17:15	12/12	21:36	60-00.4S	065-16.6	4654	-2	-3.0	11.6	12.68	-76	33.74	8.34	.23
88/12/12	17:20	12/12	21:40	60-00.3S	065-14.2	4657	-2	-3.0	11.6	12.61	-68	33.82	8.38	.23
88/12/12	17:25	12/12	21:45	60-00.3S	065-11.7	4660	-2	-3.0	11.6	12.61	-68	33.82	8.39	.23
88/12/12	17:30	12/12	21:50	60-00.3S	065-09.2	4658	-2	-3.0	11.6	12.61	-68	33.82	8.38	.23
88/12/12	17:35	12/12	21:55	60-00.2S	065-06.8	4661	-2	-3.0	11.6	12.61	-68	33.82	8.41	.23
88/12/12	17:40	12/12	22:00	60-00.2S	065-04.4	4668	-2	-3.0	11.6	12.61	-76	33.90	8.33	.23
88/12/12	17:45	12/12	22:05	60-00.2S	065-01.9	4660	-2	-3.0	11.6	12.61	-76	33.74	8.33	.23
88/12/12	17:50	12/12	22:09	60-00.2S	064-59.5	4666	-2	-3.0	11.6	12.61	-76	33.74	8.33	.24
88/12/12	17:55	12/12	22:14	60-00.2S	064-57.1	4676	-1	-3.0	11.6	12.61	-84	33.83	8.31	.24
88/12/12	18:00	12/12	22:19	60-00.1S	064-54.6	4671	-1	-3.0	11.6	12.68	-84	33.83	8.30	.23
88/12/12	18:05	12/12	22:24	60-00.1S	064-52.2	4668	-1	-3.0	11.6	12.68	-84	33.83	8.30	.24
88/12/12	18:10	12/12	22:29	60-00.0S	064-50.2	4676	-1	-3.0	11.6	12.61	-84	33.83	8.31	.24
88/12/12	18:15	12/12	22:34	60-00.0S	064-47.8	4668	-1	-3.0	11.6	12.61	-76	33.74	8.33	.23
88/12/12	18:20	12/12	22:39	60-00.0S	064-45.3	4670	-1	-3.0	11.6	12.61	-84	33.83	8.33	.22
88/12/12	18:25	12/12	22:43	60-00.0S	064-42.5	4668	0.0	-3.0	11.6	12.61	-76	33.74	8.31	.22
88/12/12	18:30	12/12	22:48	60-00.0S	064-40.1	4673	0.0	-3.0	11.6	12.68	-68	33.82	8.33	.22
88/12/12	18:35	12/12	22:53	60-00.0S	064-37.7	4674	0.0	-3.0	11.6	12.61	-60	33.73	8.36	.22
88/12/12	18:40	12/12	22:58	60-00.1S	064-35.2	4676	.1	-3.0	11.6	12.61	-44	33.89	8.39	.22
88/12/12	18:45	12/12	23:03	59-59.9S	064-32.3	4672	.2	-3.0	11.6	12.61	-28	33.88	8.43	.22

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]
88/12/12	18:50	12/12	23:07	59-59.9S	064-29.8	4675	.3	-3.0	11.6	12.68	-28	33.88	8.43	.22
88/12/12	18:55	12/12	23:12	59-59.9S	064-27.4	4689	.1	-3.0	11.6	12.61	-28	33.88	8.41	.22
88/12/12	19:00	12/12	23:17	59-59.9S	064-24.9	4683	.1	-3.0	11.6	12.61	-28	33.88	8.39	.22
88/12/12	19:05	12/12	23:22	59-59.9S	064-22.4	4696	.2	-3.0	11.6	12.61	-44	33.89	8.35	.21
88/12/12	19:10	12/12	23:27	59-59.9S	064-20.0	4681	.2	-3.0	11.6	12.61	-36	33.80	8.34	.22
88/12/12	19:15	12/12	23:32	59-59.9S	064-17.5	4681	.2	-3.0	11.6	12.61	-36	33.80	8.36	.21
88/12/12	19:20	12/12	23:37	59-59.9S	064-15.1	4679	.3	-3.0	11.6	12.61	-36	33.80	8.37	.22
88/12/12	19:25	12/12	23:41	59-59.9S	064-12.6	4682	.3	-3.0	11.6	12.61	-36	33.80	8.36	.21
88/12/12	19:30	12/12	23:46	59-59.9S	064-10.1	4685	.3	-3.0	11.6	12.61	-36	33.97	8.38	.21
88/12/12	19:35	12/12	23:51	60-00.0S	064-07.7	4698	.3	-3.0	11.6	12.61	-36	33.80	8.35	.21
88/12/12	19:40	12/12	23:56	60-00.0S	064-05.2	4696	.4	-3.0	11.6	12.61	-36	33.80	8.36	.21
88/12/12	19:45	12/13	00:01	60-00.1S	064-02.8	4694	.4	-3.0	11.6	12.68	-28	33.88	8.38	.22
88/12/12	19:50	12/13	00:06	60-00.1S	064-00.3	4721	.4	-3.0	11.6	12.61	-20	33.96	8.38	.23
88/12/12	19:55	12/13	00:10	60-00.1S	063-57.8	4695	.4	-3.0	11.6	12.61	-12	33.87	8.43	.23
88/12/12	20:00	12/13	00:15	60-00.1S	063-55.4	4697	.5	-3.0	11.6	12.61	-28	33.88	8.36	.22
88/12/12	20:05	12/13	00:20	60-00.1S	063-52.9	4701	.5	-3.0	14.9	12.61	-36	33.97	8.34	.21
88/12/12	20:10	12/13	00:25	60-00.1S	063-50.2	4715	.4	-3.0	14.9	12.61	-28	33.88	8.36	.22
88/12/12	20:15	12/13	00:30	60-00.1S	063-47.7	4715	.5	-3.0	14.8	12.61	-20	33.79	8.37	.23
88/12/12	20:20	12/13	00:35	60-00.2S	063-45.2	4705	.5	-3.0	14.8	12.68	-28	33.88	8.38	.22
88/12/12	20:25	12/13	00:39	60-00.1S	063-42.7	4708	.5	-3.0	14.7	12.68	-36	33.80	8.36	.21
88/12/12	20:30	12/13	00:44	60-00.1S	063-40.3	4717	.5	-3.0	14.8	12.68	-36	33.80	8.33	.21
88/12/12	20:35	12/13	00:49	60-00.2S	063-37.8	4714	.5	-3.0	14.8	12.61	-36	33.80	8.33	.21
88/12/12	20:40	12/13	00:54	60-00.2S	063-35.3	4712	.5	-3.0	14.8	12.61	-36	33.80	8.36	.21
88/12/12	20:45	12/13	00:59	60-00.2S	063-32.8	4733	.5	-3.0	14.9	12.68	-52	33.81	8.33	.21
88/12/12	20:50	12/13	01:04	60-00.2S	063-30.3	4724	.5	-3.0	14.9	12.68	-52	33.81	8.33	.21
88/12/12	20:55	12/13	01:08	60-00.2S	063-27.8	4723	.5	-3.0	14.9	12.68	-44	33.72	8.36	.20
88/12/12	21:00	12/13	01:13	60-00.1S	063-25.3	4738	.5	-3.0	14.7	12.68	-44	33.89	8.36	.20
88/12/12	21:05	12/13	01:18	60-00.1S	063-22.8	4728	.5	-3.0	14.8	12.61	-52	33.81	8.34	.20
88/12/12	21:10	12/13	01:23	60-00.1S	063-20.3	4742	.5	-3.0	14.8	12.68	-60	33.90	8.30	.19
88/12/12	21:15	12/13	01:28	60-00.1S	063-17.8	4733	.6	-3.0	14.9	12.61	-52	33.81	8.34	.21
88/12/12	21:20	12/13	01:33	60-00.1S	063-15.3	4755	.6	-3.0	14.6	12.61	-52	33.81	8.38	.22
88/12/12	21:25	12/13	01:37	60-00.1S	063-12.8	4743	.6	-3.0	14.6	12.68	-52	33.81	8.37	.22
88/12/12	21:30	12/13	01:42	60-00.1S	063-10.3	4738	.7	-3.0	14.9	12.61	-52	33.81	8.38	.22
88/12/12	21:35	12/13	01:47	60-00.4S	063-07.9	4505	.7	-3.0	14.8	12.61	-52	33.81	8.39	.21
88/12/12	21:40	12/13	01:52	60-00.5S	063-05.3	4454	.7	-3.0	14.8	12.61	-44	33.72	8.42	.21
88/12/12	21:45	12/13	01:57	60-00.5S	063-02.9	4433	.7	-3.0	14.9	12.61	-60	33.90	8.38	.22
88/12/12	21:50	12/13	02:02	60-00.5S	063-00.4	4370	.7	-3.0	14.8	12.61	-68	33.82	8.36	.23
88/12/12	21:55	12/13	02:06	60-00.5S	062-57.9	3800	.7	-3.0	14.8	12.61	-68	33.82	8.35	.23
88/12/12	22:00	12/13	02:11	60-00.5S	062-55.4	4027	.8	-3.0	14.7	12.61	-68	33.82	8.39	.23
88/12/12	22:05	12/13	02:16	60-00.5S	062-52.9	3900	.8	-3.0	14.6	12.61	-60	33.90	8.40	.22
88/12/12	22:10	12/13	02:21	60-00.5S	062-50.4	3702	.8	-3.0	14.8	12.61	-60	33.90	8.41	.22
88/12/12	22:15	12/13	02:26	60-00.5S	062-47.9	3698	.8	-3.0	14.8	12.61	-60	33.73	8.39	.23
88/12/12	22:20	12/13	02:31	60-00.5S	062-45.4	3716	.7	-3.0	14.8	12.68	-76	33.74	8.34	.23
88/12/12	22:25	12/13	02:35	60-00.5S	062-43.0	3745	.7	-3.0	14.7	12.61	-68	33.82	8.38	.23
88/12/12	22:30	12/13	02:40	60-00.5S	062-40.5	3900	.8	-3.0	14.8	12.61	-60	33.73	8.40	.22
88/12/12	22:35	12/13	02:45	60-00.5S	062-38.2	4075	0.0	-3.0	14.5	12.61	-68	33.82	8.37	.22
88/12/12	22:40	12/13	02:50	60-00.5S	062-35.8	4153	.8	-3.0	14.6	12.61	-68	33.82	8.37	.22
88/12/12	22:45	12/13	02:55	60-00.5S	062-33.3	4257	.8	-3.0	14.6	12.61	-68	33.82	8.36	.22
88/12/12	22:50	12/13	03:00	60-00.5S	062-30.8	4346	.8	-3.0	14.6	12.61	-68	33.82	8.36	.22
88/12/12	22:55	12/13	03:04	60-00.5S	062-28.4	4462	.8	-3.0	14.6	12.61	-68	33.82	8.38	.22
88/12/12	23:00	12/13	03:09	60-00.5S	062-25.9	4779	.8	-3.0	14.8	12.61	-60	33.90	8.41	.22



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]
88/12/12	23:05	12/13	03:14	60-00.6S	062-23.5	4795	.8	-3.0	14.4	12.61	-.60	33.73	8.40	.22
88/12/12	23:10	12/13	03:19	60-00.6S	062-21.0	4792	.8	-3.0	14.5	12.61	-.60	33.73	8.41	.22
88/12/12	23:15	12/13	03:24	60-00.6S	062-18.5	4789	.9	-3.0	14.6	12.61	-.60	33.73	8.41	.22
88/12/12	23:20	12/13	03:29	60-00.6S	062-16.1	4790	.9	-3.0	14.5	12.61	-.60	33.73	8.40	.22
88/12/12	23:25	12/13	03:33	60-00.7S	062-13.8	4827	.9	-3.0	14.6	12.61	-.68	33.82	8.36	.23
88/12/12	23:30	12/13	03:38	60-00.7S	062-11.3	4836	.9	-3.0	14.5	12.61	-.76	33.74	8.34	.23
88/12/12	23:35	12/13	03:43	60-00.7S	062-08.9	4802	.9	-3.0	14.5	12.61	-.68	33.82	8.39	.23
88/12/12	23:40	12/13	03:48	60-00.7S	062-06.4	4766	1.0	-3.0	14.6	12.61	-.52	33.81	8.42	.22
88/12/12	23:45	12/13	03:53	60-00.8S	062-04.0	4766	1.1	-3.0	14.6	12.68	-.44	33.72	8.43	.22
88/12/12	23:50	12/13	03:58	60-00.8S	062-01.6	4755	1.1	-3.0	14.6	12.61	-.44	33.72	8.42	.21
88/12/12	23:55	12/13	04:02	60-00.8S	061-59.2	4732	1.1	-3.0	14.6	12.61	-.60	33.73	8.36	.22
88/12/13	00:00	12/13	04:07	60-00.8S	061-56.8	4727	1.2	-3.0	14.6	12.61	-.76	33.74	8.32	.23
88/12/13	00:05	12/13	04:12	60-00.8S	061-54.3	4732	1.2	-3.0	14.5	12.61	-.68	33.82	8.32	.22
88/12/13	00:10	12/13	04:17	60-00.8S	061-51.8	4738	1.2	-3.0	14.5	12.61	-.60	33.90	8.38	.22
88/12/13	00:15	12/13	04:22	60-00.8S	061-49.4	4753	1.2	-3.0	14.6	12.61	-.44	33.72	8.43	.22
88/12/13	00:20	12/13	04:27	60-00.8S	061-47.0	4766	1.2	-3.0	14.7	12.61	-.36	33.80	8.43	.22
88/12/13	00:25	12/13	04:31	60-00.8S	061-44.5	4775	1.2	-3.0	14.7	12.68	-.36	33.80	8.43	.22
88/12/13	00:30	12/13	04:36	60-00.9S	061-42.1	4802	1.2	-3.0	14.5	12.61	-.52	33.81	8.38	.22
88/12/13	00:35	12/13	04:41	60-00.9S	061-39.8	4779	1.2	-3.0	14.6	12.61	-.68	33.82	8.32	.22
88/12/13	00:40	12/13	04:46	60-00.9S	061-37.1	4767	1.3	-3.0	14.6	12.61	-.76	33.74	8.27	.22
88/12/13	00:45	12/13	04:51	60-00.9S	061-34.7	4748	1.3	-3.0	14.6	12.61	-.68	33.82	8.32	.22
88/12/13	00:50	12/13	04:56	60-00.8S	061-32.3	4753	1.3	-3.0	14.7	12.61	-.68	33.82	8.33	.22
88/12/13	00:55	12/13	05:00	60-00.8S	061-29.8	4756	1.3	-3.0	14.7	12.61	-.68	33.82	8.36	.21
88/12/13	01:00	12/13	05:05	60-00.8S	061-27.4	4761	1.4	-3.0	14.7	12.61	-.68	33.65	8.33	.22
88/12/13	01:05	12/13	05:10	60-00.8S	061-25.0	4764	1.5	-3.0	14.5	12.61	-.76	33.74	8.30	.22
88/12/13	01:10	12/13	05:15	60-00.8S	061-22.5	4767	1.5	-3.0	14.4	12.61	-.76	33.74	8.29	.22
88/12/13	01:15	12/13	05:20	60-00.8S	061-20.1	4763	1.5	-3.0	14.5	12.61	-.68	33.65	8.34	.22
88/12/13	01:20	12/13	05:25	60-00.8S	061-17.6	4769	1.6	-3.0	14.5	12.61	-.52	33.81	8.40	.22
88/12/13	01:25	12/13	05:30	60-00.8S	061-15.2	4773	1.6	-3.0	14.5	12.61	-.44	33.72	8.41	.22
88/12/13	01:30	12/13	05:34	60-00.8S	061-12.8	4773	1.6	-3.0	14.6	12.61	-.44	33.72	8.41	.22
88/12/13	01:35	12/13	05:39	60-00.7S	061-10.3	4776	1.6	-3.0	14.5	12.61	-.44	33.72	8.41	.22
88/12/13	01:40	12/13	05:44	60-00.7S	061-07.9	4777	1.6	-3.0	14.4	12.61	-.44	33.72	8.38	.21
88/12/13	01:45	12/13	05:49	60-00.7S	061-05.5	4782	1.6	-3.0	14.5	12.61	-.44	33.72	8.36	.21
88/12/13	01:50	12/13	05:54	60-00.7S	061-03.1	4791	1.5	-3.0	14.5	12.61	-.52	33.81	8.32	.21
88/12/13	01:55	12/13	05:59	60-00.7S	061-00.6	4789	1.5	-3.0	14.4	12.61	-.52	33.81	8.32	.20
88/12/13	02:00	12/13	06:03	60-00.7S	060-58.2	4783	1.5	-3.0	14.4	12.61	-.52	33.81	8.32	.20
88/12/13	02:05	12/13	06:08	60-00.2S	060-56.2	4813	1.5	-3.0	14.4	12.61	-.52	33.81	8.33	.20
88/12/13	02:10	12/13	06:13	60-00.2S	060-53.8	4800	1.5	-3.0	14.5	12.61	-.52	33.81	8.33	.20
88/12/13	02:15	12/13	06:18	60-00.2S	060-51.5	0	1.5	-3.0	14.3	12.61	-.52	33.81	8.32	.20
88/12/13	02:20	12/13	06:23	60-00.2S	060-49.1	4824	1.5	-3.0	14.5	12.61	-.52	33.81	8.33	.20
88/12/13	02:25	12/13	06:28	60-00.1S	060-46.7	4800	1.4	-3.0	14.3	12.61	-.52	33.64	8.33	.20
88/12/13	02:30	12/13	06:32	60-00.1S	060-44.3	4823	1.4	-3.0	14.5	12.61	-.68	33.82	8.29	.20
88/12/13	02:35	12/13	06:37	60-00.1S	060-41.9	4900	1.3	-3.0	14.5	12.61	-.76	33.74	8.26	.20
88/12/13	02:40	12/13	06:42	60-00.1S	060-39.5	4823	1.3	-3.0	14.2	12.61	-.76	33.74	8.26	.20
88/12/13	02:45	12/13	06:47	60-00.1S	060-37.1	4827	1.3	-3.0	14.4	12.61	-.76	33.74	8.24	.20
88/12/13	02:50	12/13	06:52	60-00.2S	060-34.1	4800	1.3	-3.0	14.4	12.61	-.76	33.74	8.28	.20
88/12/13	02:55	12/13	06:57	60-00.2S	060-31.7	4799	1.2	-3.0	14.5	12.61	-.68	33.65	8.31	.20
88/12/13	03:00	12/13	07:01	60-00.2S	060-29.2	4818	1.2	-3.0	14.4	12.68	-.68	33.65	8.29	.20
88/12/13	03:05	12/13	07:06	60-00.2S	060-26.8	4814	1.2	-3.0	14.6	12.61	-.76	33.74	8.28	.20
88/12/13	03:10	12/13	07:11	60-00.3S	060-24.4	4821	1.2	-3.0	14.5	12.61	-.76	33.74	8.27	.20
88/12/13	03:15	12/13	07:16	60-00.3S	060-22.0	4827	1.1	-3.0	14.4	12.61	-.76	33.74	8.27	.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]
88/12/13	03:20	12/13	07:21	60-00.3S	060-19.6	4861	1.1	-3.0	14.4	12.61	-93	33.75	8.22	.20
88/12/13	03:25	12/13	07:26	60-00.3S	060-17.2	4854	1.1	-3.0	14.3	12.61	-84	33.66	8.25	.20
88/12/13	03:30	12/13	07:30	60-00.3S	060-14.7	4871	1.1	-3.0	14.3	12.61	-84	33.66	8.28	.20
88/12/13	03:35	12/13	07:35	60-00.3S	060-12.3	4847	1.1	-3.0	14.4	12.61	-84	33.66	8.31	.20
88/12/13	03:40	12/13	07:40	60-00.3S	060-09.9	4864	1.1	-3.0	14.4	12.61	-76	33.57	8.31	.20
88/12/13	03:45	12/13	07:45	60-00.3S	060-07.5	4868	1.1	-3.0	14.2	12.61	-76	33.57	8.31	.20
88/12/13	03:50	12/13	07:50	60-00.7S	060-05.5	4873	1.1	-3.0	14.2	12.61	-76	33.74	8.33	.20
88/12/13	03:55	12/13	07:55	60-00.7S	060-03.1	4873	1.0	-3.0	14.2	12.61	-76	33.74	8.29	.20
88/12/13	04:00	12/13	08:00	60-00.7S	060-00.7	4874	1.0	-3.0	14.3	12.61	-76	33.74	8.31	.20
88/12/13	04:05	12/13	08:04	60-00.7S	059-58.3	4902	1.0	-3.0	14.4	12.61	-76	33.74	8.31	.20
88/12/13	04:10	12/13	08:09	60-00.7S	059-55.9	4896	1.0	-3.0	14.3	12.61	-76	33.74	8.31	.20
88/12/13	04:15	12/13	08:14	60-00.8S	059-53.6	4884	1.0	-3.0	13.9	12.61	-76	33.57	8.28	.20
88/12/13	04:20	12/13	08:19	60-01.0S	059-51.2	4896	1.0	-3.0	14.4	12.61	-84	33.66	8.22	.20
88/12/13	04:25	12/13	08:24	60-01.1S	059-48.8	4893	1.0	-3.0	14.1	12.61	-93	33.75	8.21	.20
88/12/13	04:30	12/13	08:29	60-01.3S	059-46.4	4893	1.0	-3.0	14.3	12.61	-93	33.58	8.19	.20
88/12/13	04:35	12/13	08:33	60-01.5S	059-44.1	4891	1.0	-3.0	14.4	12.61	-93	33.75	8.23	.20
88/12/13	04:40	12/13	08:38	60-01.7S	059-41.5	4898	1.0	-3.0	14.2	12.61	-93	33.75	8.23	.20
88/12/13	04:45	12/13	08:43	60-01.9S	059-39.2	4903	1.0	-3.0	14.4	12.61	-93	33.58	8.22	.20
88/12/13	04:50	12/13	08:48	60-02.0S	059-36.8	4907	1.0	-3.0	14.4	12.68	-93	33.75	8.24	.21
88/12/13	04:55	12/13	08:53	60-02.2S	059-34.4	4910	1.1	-3.0	14.5	12.61	-93	33.75	8.23	.20
88/12/13	05:00	12/13	08:58	60-02.4S	059-32.2	4912	1.1	-3.0	14.1	12.68	-84	33.66	8.25	.20
88/12/13	05:05	12/13	09:02	60-02.6S	059-29.8	4929	1.1	-3.0	14.4	12.61	-93	33.75	8.26	.21
88/12/13	05:10	12/13	09:07	60-02.8S	059-27.4	4933	1.1	-3.0	14.3	12.68	-84	33.66	8.28	.20
88/12/13	05:15	12/13	09:12	60-02.9S	059-25.0	4935	1.1	-3.0	14.4	12.68	-84	33.66	8.26	.21
88/12/13	05:20	12/13	09:17	60-03.2S	059-22.6	4945	1.1	-3.0	14.2	12.68	-84	33.66	8.26	.20
88/12/13	05:25	12/13	09:22	60-03.4S	059-20.3	4937	1.1	-3.0	14.4	12.68	-93	33.75	8.20	.21
88/12/13	05:30	12/13	09:27	60-03.5S	059-17.9	4941	1.1	-3.0	14.3	12.61	-93	33.75	8.20	.21
88/12/13	05:35	12/13	09:32	60-03.7S	059-15.5	4941	1.0	-3.0	14.2	12.61	-84	33.66	8.22	.21
88/12/13	05:40	12/13	09:36	60-03.9S	059-13.1	4936	1.0	-3.0	14.4	12.68	-93	33.75	8.19	.21
88/12/13	05:45	12/13	09:41	60-04.1S	059-11.2	4949	1.0	-3.0	4.9	12.68	-84	33.66	8.25	.21
88/12/13	05:50	12/13	09:46	60-04.1S	059-10.7	4957	1.0	-3.0	1.2	12.68	-1.01	33.67	8.18	.21
88/12/13	05:55	12/13	09:51	60-04.1S	059-10.5	4943	1.0	-3.0	.8	12.68	-1.01	33.67	8.12	.21
88/12/13	06:00	12/13	09:56	60-04.3S	059-10.0	4949	1.1	-3.0	7.0	12.68	-1.01	33.67	8.15	.21
88/12/13	06:05	12/13	10:01	60-04.3S	059-09.1	4950	1.0	-3.0	1.5	12.76	-1.01	33.67	8.15	.21
88/12/13	06:10	12/13	10:06	60-04.4S	059-08.5	4954	1.0	-3.0	11.6	12.68	-1.01	33.67	8.16	.21
88/12/13	06:15	12/13	10:11	60-04.6S	059-06.3	4955	.9	-3.0	13.9	12.68	-93	33.58	8.18	.22
88/12/13	06:20	12/13	10:16	60-04.7S	059-04.0	4958	.9	-3.0	14.3	12.76	-84	33.66	8.22	.22
88/12/13	06:25	12/13	10:21	60-05.1S	059-00.9	4973	.9	-3.0	14.3	12.68	-76	33.57	8.19	.22
88/12/13	06:30	12/13	10:25	60-05.3S	058-58.5	4976	.9	-3.0	13.8	12.68	-76	33.57	8.19	.22
88/12/13	06:35	12/13	10:30	60-05.5S	058-56.1	4976	.9	-3.0	14.2	12.76	-84	33.66	8.16	.22
88/12/13	06:40	12/13	10:35	60-05.6S	058-53.8	4972	.9	-3.0	14.0	12.76	-84	33.66	8.15	.22
88/12/13	06:45	12/13	10:40	60-05.8S	058-51.4	4976	.9	-3.0	14.0	12.68	-93	33.75	8.15	.22
88/12/13	06:50	12/13	10:45	60-06.0S	058-49.1	4975	.9	-3.0	14.1	12.68	-93	33.58	8.14	.23
88/12/13	06:55	12/13	10:50	60-06.1S	058-46.7	4983	.9	-3.0	13.8	12.68	-93	33.75	8.14	.23
88/12/13	07:00	12/13	10:54	60-06.3S	058-44.3	4989	.9	-3.0	14.2	12.68	-93	33.58	8.13	.23
88/12/13	07:05	12/13	10:59	60-06.5S	058-41.9	4978	1.0	-3.0	14.2	12.68	-93	33.75	8.14	.23
88/12/13	07:10	12/13	11:04	60-06.7S	058-39.6	4983	1.0	-3.0	13.9	12.76	-93	33.58	8.15	.23
88/12/13	07:15	12/13	11:09	60-06.8S	058-38.0	4991	1.0	-3.0	14.0	12.76	-93	33.58	8.14	.23
88/12/13	07:20	12/13	11:14	60-06.8S	058-35.6	4984	1.0	-3.0	14.0	12.76	-93	33.58	8.15	.23
88/12/13	07:25	12/13	11:19	60-07.0S	058-33.4	4985	1.0	-3.0	13.7	12.68	-93	33.58	8.12	.23
88/12/13	07:30	12/13	11:24	60-07.1S	058-31.0	4987	1.0	-3.0	14.1	12.76	-1.01	33.67	8.11	.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]
88/12/13	07:35	12/13	11:28	60-07.3S	058-28.7	4988	1.0	-3.0	13.8	12.68	-93	33.76	8.16	.23
88/12/13	07:40	12/13	11:33	60-07.5S	058-28.4	4995	1.0	-3.0	14.0	12.76	-84	33.66	8.16	.23
88/12/13	07:45	12/13	11:38	60-07.7S	058-24.1	4998	1.0	-3.0	13.6	12.68	-84	33.66	8.16	.23
88/12/13	07:50	12/13	11:43	60-07.9S	058-21.8	5007	1.0	-3.0	14.0	12.68	-84	33.66	8.14	.23
88/12/13	07:55	12/13	11:48	60-08.0S	058-19.4	5004	.9	-3.0	14.1	12.68	-84	33.66	8.14	.23
88/12/13	08:00	12/13	11:53	60-08.2S	058-17.1	5008	.9	-3.0	14.2	12.68	-84	33.66	8.12	.23
88/12/13	08:05	12/13	11:57	60-08.4S	058-14.8	5012	.9	-3.0	13.4	12.68	-84	33.66	8.16	.23
88/12/13	08:10	12/13	12:02	60-08.5S	058-12.6	5011	.9	-3.0	13.1	12.68	-76	33.57	8.16	.23
88/12/13	08:15	12/13	12:07	60-08.6S	058-10.4	5014	.9	-3.0	13.7	12.68	-76	33.74	8.18	.23
88/12/13	08:20	12/13	12:12	60-08.7S	058-08.1	5016	.8	-3.0	13.9	12.68	-84	33.66	8.12	.23
88/12/13	08:25	12/13	12:17	60-08.8S	058-05.8	5021	.8	-3.0	14.0	12.68	-84	33.66	8.10	.23
88/12/13	08:30	12/13	12:22	60-08.9S	058-03.5	5019	.8	-3.0	13.2	12.68	-84	33.66	8.10	.24
88/12/13	08:35	12/13	12:27	60-09.1S	058-01.2	5024	.8	-3.0	14.0	12.68	-93	33.75	8.08	.24
88/12/13	08:40	12/13	12:31	60-09.2S	057-58.7	5023	.8	-3.0	13.6	12.68	-84	33.66	8.11	.24
88/12/13	08:45	12/13	12:36	60-09.3S	057-56.5	5023	.8	-3.0	13.8	12.68	-84	33.66	8.09	.24
88/12/13	08:50	12/13	12:41	60-09.4S	057-54.1	5027	.8	-3.0	14.1	12.68	-76	33.74	8.17	.24
88/12/13	08:55	12/13	12:46	60-09.5S	057-51.8	5027	.8	-3.0	14.3	12.68	-68	33.85	8.17	.24
88/12/13	09:00	12/13	12:51	60-09.8S	057-49.5	5022	.9	-3.0	13.1	12.68	-68	33.65	8.17	.24
88/12/13	09:05	12/13	12:56	60-09.7S	057-47.2	5025	.9	-3.0	13.3	12.68	-60	33.73	8.19	.23
88/12/13	09:10	12/13	13:00	60-09.8S	057-44.9	5031	1.0	-3.0	13.9	12.68	-60	33.73	8.19	.24
88/12/13	09:15	12/13	13:05	60-10.0S	057-42.5	5033	1.0	-3.0	13.8	12.68	-60	33.73	8.19	.23
88/12/13	09:20	12/13	13:10	60-10.1S	057-40.3	5038	1.0	-3.0	13.7	12.68	-60	33.73	8.19	.24
88/12/13	09:25	12/13	13:15	60-10.3S	057-38.0	5037	1.0	-3.0	13.7	12.68	-60	33.73	8.17	.23
88/12/13	09:30	12/13	13:20	60-10.4S	057-35.7	5030	1.0	-3.0	13.2	12.68	-60	33.73	8.17	.23
88/12/13	09:35	12/13	13:25	60-10.6S	057-33.5	5041	1.0	-3.0	12.9	12.68	-68	33.82	8.14	.24
88/12/13	09:40	12/13	13:30	60-10.7S	057-31.3	5036	1.0	-3.0	12.9	12.68	-68	33.85	8.12	.24
88/12/13	09:45	12/13	13:34	60-10.9S	057-28.3	5041	1.1	-3.0	13.0	12.68	-68	33.85	8.11	.24
88/12/13	09:50	12/13	13:39	60-11.0S	057-26.0	5046	1.1	-3.0	13.7	12.68	-76	33.74	8.10	.24
88/12/13	09:55	12/13	13:44	60-11.2S	057-23.8	5065	1.1	-3.0	13.9	12.68	-68	33.85	8.10	.24
88/12/13	10:00	12/13	13:49	60-11.4S	057-21.4	5041	1.1	-3.0	13.1	12.68	-68	33.82	8.13	.24
88/12/13	10:05	12/13	13:54	60-11.6S	057-19.3	5041	1.1	-3.0	13.3	12.68	-60	33.73	8.11	.24
88/12/13	10:10	12/13	13:59	60-11.7S	057-17.0	5044	1.1	-3.0	13.6	12.68	-68	33.82	8.08	.24
88/12/13	10:15	12/13	14:03	60-11.9S	057-14.8	5048	1.1	-3.0	13.6	12.61	-60	33.73	8.11	.24
88/12/13	10:20	12/13	14:08	60-12.1S	057-12.5	5058	1.2	-3.0	13.1	12.61	-52	33.64	8.12	.24
88/12/13	10:25	12/13	14:13	60-12.4S	057-09.4	5057	1.2	-3.0	13.5	12.61	-44	33.72	8.12	.23
88/12/13	10:30	12/13	14:18	60-12.5S	057-07.1	5042	1.2	-3.0	13.4	12.61	-44	33.72	8.11	.23
88/12/13	10:35	12/13	14:23	60-12.7S	057-04.9	5042	1.3	-3.0	12.3	12.61	-44	33.72	8.13	.24
88/12/13	10:40	12/13	14:28	60-12.9S	057-02.6	5047	1.3	-3.0	13.7	12.61	-36	33.64	8.10	.23
88/12/13	10:45	12/13	14:33	60-12.8S	057-00.3	5048	1.3	-3.0	13.1	12.61	-28	33.71	8.14	.23
88/12/13	10:50	12/13	14:37	60-13.0S	056-58.0	5049	1.3	-3.0	13.6	12.61	-12	33.71	8.16	.24
88/12/13	10:55	12/13	14:42	60-13.1S	056-55.7	5052	1.3	-3.0	12.4	12.68	-04	33.78	8.18	.23
88/12/13	11:00	12/13	14:47	60-13.3S	056-53.5	5059	1.3	-3.0	12.9	12.61	-12	33.71	8.12	.23
88/12/13	11:05	12/13	14:52	60-13.4S	056-51.2	5058	1.3	-3.0	13.6	12.61	-20	33.79	8.10	.23
88/12/13	11:10	12/13	14:57	60-13.6S	056-48.8	5072	1.3	-3.0	14.0	12.68	-20	33.79	8.07	.24
88/12/13	11:15	12/13	15:02	60-13.7S	056-46.5	5067	1.3	-3.0	13.5	12.61	-20	33.79	8.07	.24
88/12/13	11:20	12/13	15:06	60-13.9S	056-44.3	5069	1.3	-3.0	12.8	12.68	-20	33.79	8.05	.24
88/12/13	11:25	12/13	15:11	60-14.0S	056-42.0	5085	1.3	-3.0	13.4	12.61	-20	33.79	8.05	.25
88/12/13	11:30	12/13	15:16	60-14.3S	056-39.5	5070	1.3	-3.0	13.5	12.68	-12	33.71	8.07	.24
88/12/13	11:35	12/13	15:21	60-14.5S	056-37.3	5079	1.2	-3.0	13.7	12.61	-12	33.87	8.06	.25
88/12/13	11:40	12/13	15:26	60-14.6S	056-34.9	5072	1.2	-3.0	13.3	12.61	-04	33.78	8.06	.25
88/12/13	11:45	12/13	15:31	60-14.8S	056-32.6	5074	1.1	-3.0	13.2	12.61	-04	33.78	8.05	.25

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]
88/12/13	11:50	12/13	15:36	60-15.0S	056-30.6	5077	1.1	-3.0	13.6	12.68	-12	33.71	7.99	.25
88/12/13	11:55	12/13	15:40	60-15.1S	056-28.3	5084	1.1	-3.0	13.9	12.68	-20	33.79	7.99	.25
88/12/13	12:00	12/13	15:45	60-15.3S	056-26.0	5087	1.1	-3.0	13.3	12.61	-20	33.79	7.98	.25
88/12/13	12:05	12/13	15:50	60-15.4S	056-23.7	5088	1.1	-3.0	13.2	12.61	-20	33.79	7.96	.25
88/12/13	12:10	12/13	15:55	60-15.6S	056-21.4	5097	1.0	-3.0	13.8	12.61	-20	33.79	7.96	.25
88/12/13	12:15	12/13	16:00	60-15.8S	056-19.1	5082	1.0	-3.0	13.7	12.61	-20	33.79	7.98	.25
88/12/13	12:20	12/13	16:05	60-15.9S	056-16.9	5092	1.0	-3.0	12.7	12.61	-20	33.79	7.98	.26
88/12/13	12:25	12/13	16:09	60-16.1S	056-14.6	5088	.9	-3.0	12.7	12.61	-20	33.79	7.97	.26
88/12/13	12:30	12/13	16:14	60-16.2S	056-12.4	5096	.9	-3.0	12.8	12.61	-20	33.79	7.97	.26
88/12/13	12:35	12/13	16:19	60-16.4S	056-10.1	5085	.9	-3.0	13.6	12.61	-28	33.71	7.91	.26
88/12/13	12:40	12/13	16:24	60-16.5S	056-07.8	5086	.9	-3.0	12.8	12.61	-36	33.80	7.90	.26
88/12/13	12:45	12/13	16:29	60-17.1S	056-05.4	5083	.9	-3.0	13.4	12.68	-36	33.80	7.91	.26
88/12/13	12:50	12/13	16:34	60-17.2S	056-03.2	5085	.9	-3.0	13.5	12.61	-36	33.64	7.88	.26
88/12/13	12:55	12/13	16:39	60-17.4S	056-00.9	5089	.9	-3.0	12.5	12.61	-44	33.72	7.89	.26
88/12/13	13:00	12/13	16:43	60-17.6S	055-58.7	5093	.8	-3.0	13.8	12.61	-52	33.64	7.84	.26
88/12/13	13:05	12/13	16:48	60-17.8S	055-56.5	5090	.8	-3.0	12.1	12.61	-52	33.81	7.86	.27
88/12/13	13:10	12/13	16:53	60-17.9S	055-54.3	5103	.8	-3.0	12.5	12.61	-60	33.73	7.83	.27
88/12/13	13:15	12/13	16:58	60-18.1S	055-52.5	5095	.8	-3.0	13.4	12.61	-52	33.64	7.87	.27
88/12/13	13:20	12/13	17:03	60-18.4S	055-50.2	5102	.7	-3.0	13.5	12.61	-52	33.64	7.87	.27
88/12/13	13:25	12/13	17:08	60-18.5S	055-48.0	5101	.7	-3.0	13.4	12.61	-60	33.73	7.86	.27
88/12/13	13:30	12/13	17:13	60-18.7S	055-45.8	5109	.7	-3.0	13.4	12.61	-60	33.73	7.86	.28
88/12/13	13:35	12/13	17:17	60-18.9S	055-43.5	5106	.7	-3.0	12.4	12.61	-60	33.73	7.87	.28
88/12/13	13:40	12/13	17:22	60-19.0S	055-41.3	5107	.6	-3.0	12.6	12.61	-60	33.73	7.86	.29
88/12/13	13:45	12/13	17:27	60-19.2S	055-39.1	5112	.6	-3.0	12.2	12.61	-60	33.73	7.89	.29
88/12/13	13:50	12/13	17:32	60-19.4S	055-36.9	5114	.6	-3.0	12.8	12.61	-60	33.73	7.87	.29
88/12/13	13:55	12/13	17:37	60-19.6S	055-34.7	5118	.6	-3.0	13.6	12.61	-60	33.73	7.88	.30
88/12/13	14:00	12/13	17:42	60-19.7S	055-32.4	5120	.6	-3.0	12.7	12.61	-60	33.73	7.90	.29
88/12/13	14:05	12/13	17:47	60-19.9S	055-30.2	5124	.6	-3.0	13.2	12.61	-68	33.82	7.86	.30
88/12/13	14:10	12/13	17:51	60-20.1S	055-28.0	5126	.6	-3.0	12.1	12.61	-68	33.82	7.87	.30
88/12/13	14:15	12/13	17:56	60-20.2S	055-25.8	5129	.6	-3.0	13.1	12.61	-68	33.82	7.88	.30
88/12/13	14:20	12/13	18:01	60-20.5S	055-23.4	5127	.6	-3.0	12.2	12.61	-60	33.73	7.91	.30
88/12/13	14:25	12/13	18:06	60-20.6S	055-21.2	5127	.5	-3.0	13.8	12.61	-60	33.73	7.92	.30
88/12/13	14:30	12/13	18:11	60-20.8S	055-19.0	5129	.5	-3.0	13.1	12.61	-60	33.73	7.91	.30
88/12/13	14:35	12/13	18:16	60-20.9S	055-16.7	5129	.6	-3.0	12.3	12.61	-68	33.82	7.90	.30
88/12/13	14:40	12/13	18:20	60-21.1S	055-14.6	5135	.6	-3.0	12.8	12.61	-68	33.65	7.88	.31
88/12/13	14:45	12/13	18:25	60-21.2S	055-12.4	5142	.6	-3.0	13.3	12.61	-60	33.73	7.92	.31
88/12/13	14:50	12/13	18:30	60-21.4S	055-10.0	5135	.6	-3.0	12.5	12.68	-60	33.73	7.92	.31
88/12/13	14:55	12/13	18:35	60-21.5S	055-07.9	5140	.6	-3.0	11.8	12.68	-60	33.73	7.91	.31
88/12/13	15:00	12/13	18:40	60-21.7S	055-05.8	5138	.6	-3.0	12.8	12.68	-60	33.73	7.93	.31
88/12/13	15:05	12/13	18:45	60-21.8S	055-03.5	5139	.6	-3.0	12.6	12.68	-52	33.64	7.96	.31
88/12/13	15:10	12/13	18:50	60-22.0S	055-01.3	5167	.5	-3.0	12.5	12.76	-60	33.73	7.94	.31
88/12/13	15:15	12/13	18:54	60-22.1S	054-59.0	5141	.5	-3.0	12.0	12.76	-68	33.65	7.91	.31
88/12/13	15:20	12/13	18:59	60-22.3S	054-56.9	5152	.5	-3.0	13.1	12.76	-76	33.74	7.85	.31
88/12/13	15:25	12/13	19:04	60-22.4S	054-54.7	5144	.4	-3.0	11.8	12.76	-84	33.66	7.84	.30
88/12/13	15:30	12/13	19:09	60-22.6S	054-52.5	5166	.4	-3.0	12.9	12.76	-93	33.58	7.81	.31
88/12/13	15:35	12/13	19:14	60-22.7S	054-50.3	5149	.4	-3.0	13.0	12.76	-84	33.66	7.86	.31
88/12/13	15:40	12/13	19:19	60-22.7S	054-47.9	5161	.4	-3.0	12.3	12.76	-84	33.66	7.86	.31
88/12/13	15:45	12/13	19:24	60-22.9S	054-45.8	5161	.4	-3.0	12.8	12.68	-84	33.66	7.89	.31
88/12/13	15:50	12/13	19:28	60-23.0S	054-43.6	5174	.4	-3.0	11.9	12.68	-84	33.66	7.88	.31
88/12/13	15:55	12/13	19:33	60-23.2S	054-41.5	5180	.4	-3.0	12.6	12.68	-84	33.66	7.89	.31
88/12/13	16:00	12/13	19:38	60-23.3S	054-39.4	5167	.4	-3.0	13.1	12.68	-84	33.66	7.92	.31

GMT		LMT		Lat	Long	Depth	A temp	W temp	Speed	Flow	W temp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
88/12/13	16:05	12/13	19:43	60-23.5S	054-37.2	5167	.5	-3.0	12.3	12.68	-.84	33.66	7.92	.31
88/12/13	16:10	12/13	19:48	60-23.6S	054-35.0	5172	.5	-3.0	13.5	12.68	-.84	33.66	7.92	.31
88/12/13	16:15	12/13	19:53	60-23.8S	054-32.8	5179	.5	-3.0	12.6	12.68	-.84	33.66	7.92	.31
88/12/13	16:20	12/13	19:58	60-23.7S	054-30.9	5181	.5	-3.0	12.6	12.68	-.84	33.66	7.93	.31
88/12/13	16:25	12/13	20:02	60-23.8S	054-28.7	5179	.5	-3.0	11.3	12.68	-.84	33.66	7.93	.32
88/12/13	16:30	12/13	20:07	60-24.0S	054-26.6	5185	.5	-3.0	13.1	12.68	-.84	33.66	7.93	.31
88/12/13	16:35	12/13	20:12	60-24.1S	054-24.3	5180	.5	-3.0	13.6	12.68	-.84	33.66	7.95	.31
88/12/13	16:40	12/13	20:17	60-24.3S	054-22.1	5177	.5	-3.0	11.7	12.68	-.84	33.66	7.95	.31
88/12/13	16:45	12/13	20:22	60-24.4S	054-20.0	5176	.5	-3.0	11.9	12.68	-.93	33.68	7.93	.31
88/12/13	16:50	12/13	20:27	60-24.5S	054-17.9	5192	.5	-3.0	12.5	12.61	-.84	33.66	7.96	.32
88/12/13	16:55	12/13	20:32	60-24.7S	054-15.8	5184	.5	-3.0	12.9	12.61	-.84	33.66	7.96	.31
88/12/13	17:00	12/13	20:36	60-24.8S	054-13.6	5192	.4	-3.0	12.4	12.68	-.84	33.66	7.98	.31
88/12/13	17:05	12/13	20:41	60-25.0S	054-11.4	5192	.4	-3.0	12.8	12.61	-.84	33.66	7.98	.31
88/12/13	17:10	12/13	20:46	60-25.1S	054-09.1	5184	.5	-3.0	12.4	12.61	-.76	33.67	8.01	.31
88/12/13	17:15	12/13	20:51	60-25.3S	054-07.0	5186	.4	-3.0	12.0	12.61	-.76	33.67	8.01	.31
88/12/13	17:20	12/13	20:56	60-25.4S	054-04.9	5189	.4	-3.0	13.1	12.68	-.76	33.67	7.96	.31
88/12/13	17:25	12/13	21:01	60-25.5S	054-02.6	5198	.4	-3.0	13.0	12.68	-.76	33.67	7.98	.31
88/12/13	17:30	12/13	21:05	60-25.3S	053-59.5	5199	.4	-3.0	12.8	12.68	-.76	33.67	7.99	.30
88/12/13	17:35	12/13	21:10	60-25.4S	053-57.2	5193	.4	-3.0	12.9	12.68	-.60	33.67	8.05	.30
88/12/13	17:40	12/13	21:15	60-25.8S	053-54.9	5195	.4	-3.0	13.2	12.61	-.52	33.64	8.06	.29
88/12/13	17:45	12/13	21:20	60-25.7S	053-52.7	5201	.4	-3.0	12.5	12.61	-.52	33.64	8.06	.29
88/12/13	17:50	12/13	21:25	60-25.9S	053-50.5	5199	.4	-3.0	12.2	12.61	-.60	33.67	8.00	.29
88/12/13	17:55	12/13	21:30	60-26.0S	053-48.4	5207	.4	-3.0	12.5	12.68	-.80	33.67	8.02	.29
88/12/13	18:00	12/13	21:35	60-26.0S	053-46.3	5202	.4	-3.0	13.2	12.68	-.60	33.67	8.02	.29
88/12/13	18:05	12/13	21:39	60-26.2S	053-44.0	5203	.3	-3.0	13.8	12.61	-.52	33.48	8.01	.29
88/12/13	18:10	12/13	21:44	60-26.3S	053-41.7	5228	.3	-3.0	13.2	12.68	-.52	33.64	8.03	.29
88/12/13	18:15	12/13	21:49	60-26.5S	053-39.5	5207	.3	-3.0	13.0	12.68	-.52	33.64	8.04	.29
88/12/13	18:20	12/13	21:54	60-26.8S	053-37.2	5205	.3	-3.0	13.7	12.61	-.52	33.64	8.03	.28
88/12/13	18:25	12/13	21:59	60-26.8S	053-35.2	5224	.3	-3.0	11.6	12.68	-.60	33.67	8.02	.28
88/12/13	18:30	12/13	22:04	60-26.8S	053-33.1	5210	.3	-3.0	12.9	12.61	-.68	33.65	8.00	.29
88/12/13	18:35	12/13	22:09	60-26.9S	053-30.9	5234	.3	-3.0	12.1	12.68	-.68	33.65	8.00	.28
88/12/13	18:40	12/13	22:13	60-27.1S	053-28.7	5218	.2	-3.0	13.2	12.68	-.76	33.67	7.98	.29
88/12/13	18:45	12/13	22:18	60-27.2S	053-26.4	5222	.2	-3.0	13.5	12.68	-.68	33.65	8.01	.28
88/12/13	18:50	12/13	22:23	60-27.4S	053-24.1	5229	.2	-3.0	11.7	12.61	-.68	33.65	8.02	.28
88/12/13	18:55	12/13	22:28	60-27.5S	053-21.8	5216	.2	-3.0	13.5	12.68	-.68	33.65	8.03	.28
88/12/13	19:00	12/13	22:33	60-27.7S	053-19.4	5217	.1	-3.0	13.1	12.61	-.68	33.65	8.06	.28
88/12/13	19:05	12/13	22:38	60-27.8S	053-17.2	5218	.1	-3.0	13.5	12.68	-.68	33.65	8.04	.28
88/12/13	19:10	12/13	22:42	60-28.0S	053-14.8	5216	.1	-3.0	13.3	12.61	-.68	33.65	8.05	.28
88/12/13	19:15	12/13	22:47	60-28.1S	053-12.5	5220	.1	-3.0	13.2	12.61	-.68	33.65	8.05	.28
88/12/13	19:20	12/13	22:52	60-28.3S	053-10.3	5215	.1	-3.0	13.1	12.68	-.76	33.67	8.04	.28
88/12/13	19:25	12/13	22:57	60-28.5S	053-08.0	5211	.1	-3.0	13.6	12.68	-.76	33.67	8.05	.28
88/12/13	19:30	12/13	23:02	60-28.8S	053-05.6	5207	.1	-3.0	13.6	12.68	-.68	33.65	8.08	.28
88/12/13	19:35	12/13	23:07	60-28.8S	053-03.4	5216	.3	-3.0	13.7	12.68	-.68	33.65	8.10	.28
88/12/13	19:40	12/13	23:12	60-29.0S	053-01.0	5215	.2	-3.0	12.3	12.61	-.60	33.67	8.10	.28
88/12/13	19:45	12/13	23:16	60-29.1S	052-58.6	5215	.2	-3.0	13.9	12.68	-.68	33.49	8.07	.28
88/12/13	19:50	12/13	23:21	60-29.3S	052-56.2	5214	.2	-3.0	13.8	12.68	-.68	33.49	8.07	.28
88/12/13	19:55	12/13	23:26	60-29.4S	052-53.9	5216	.3	-3.0	13.1	12.68	-.68	33.65	8.09	.28
88/12/13	20:00	12/13	23:31	60-29.8S	052-51.5	5218	.3	-3.0	13.6	12.68	-.68	33.49	8.11	.28
88/12/13	20:05	12/13	23:36	60-29.8S	052-49.2	5218	.3	-3.0	13.8	12.68	-.68	33.49	8.10	.28
88/12/13	20:10	12/13	23:41	60-29.9S	052-47.0	5223	.3	-3.0	14.0	12.68	-.68	33.65	8.10	.27
88/12/13	20:15	12/13	23:45	60-30.1S	052-44.6	5228	.3	-3.0	14.2	12.68	-.68	33.65	8.12	.28

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]
88/12/13	20:20	12/13	23:50	60-30.2S	052-42.2	5238	.3	-3.0	14.2	12.68	-.68	33.65	8.12	.27
88/12/13	20:25	12/13	23:55	60-30.4S	052-39.8	5229	.3	-3.0	13.9	12.61	-.68	33.65	8.12	.27
88/12/13	20:30	12/14	00:00	60-30.6S	052-37.4	5229	.3	-3.0	13.8	12.61	-.68	33.65	8.11	.27
88/12/13	20:35	12/14	00:05	60-30.8S	052-35.5	5222	.3	-3.0	14.0	12.68	-.68	33.65	8.13	.27
88/12/13	20:40	12/14	00:10	60-31.0S	052-33.1	5228	.3	-3.0	13.7	12.68	-.68	33.65	8.12	.27
88/12/13	20:45	12/14	00:15	60-31.1S	052-30.7	5227	.3	-3.0	13.7	12.68	-.68	33.65	8.12	.27
88/12/13	20:50	12/14	00:19	60-31.3S	052-28.4	5232	.3	-3.0	12.6	12.68	-.60	33.57	8.10	.27
88/12/13	20:55	12/14	00:24	60-31.4S	052-26.1	5228	.3	-3.0	13.6	12.61	-.60	33.57	8.12	.27
88/12/13	21:00	12/14	00:29	60-31.6S	052-23.8	5234	.3	-3.0	13.6	12.68	-.60	33.57	8.14	.27
88/12/13	21:05	12/14	00:34	60-32.1S	052-21.3	5236	.3	-3.0	14.0	12.68	-.68	33.65	8.11	.27
88/12/13	21:10	12/14	00:39	60-32.3S	052-18.9	5235	.2	-3.0	13.1	12.68	-.68	33.65	8.12	.27
88/12/13	21:15	12/14	00:44	60-32.5S	052-16.6	5244	.2	-3.0	13.7	12.68	-.68	33.49	8.11	.27
88/12/13	21:20	12/14	00:48	60-32.6S	052-14.3	5237	.1	-3.0	13.7	12.68	-.76	33.57	8.11	.27
88/12/13	21:25	12/14	00:53	60-32.8S	052-12.0	5233	.2	-3.0	13.2	12.68	-.68	33.49	8.14	.27
88/12/13	21:30	12/14	00:58	60-33.0S	052-09.7	5238	.2	-3.0	13.4	12.68	-.68	33.65	8.15	.27
88/12/13	21:35	12/14	01:03	60-33.1S	052-07.5	5241	.3	-3.0	13.2	12.68	-.68	33.65	8.15	.27
88/12/13	21:40	12/14	01:08	60-33.4S	052-04.9	5252	.3	-3.0	12.7	12.68	-.68	33.49	8.12	.27
88/12/13	21:45	12/14	01:13	60-33.5S	052-02.5	5245	.4	-3.0	13.4	12.68	-.76	33.57	8.14	.27
88/12/13	21:50	12/14	01:18	60-33.7S	052-00.2	5250	.4	-3.0	13.4	12.68	-.68	33.65	8.15	.27
88/12/13	21:55	12/14	01:22	60-33.9S	051-58.0	5244	.4	-3.0	13.9	12.61	-.76	33.57	8.12	.27
88/12/13	22:00	12/14	01:27	60-34.1S	051-55.6	5247	.4	-3.0	13.0	12.68	-.68	33.65	8.12	.27
88/12/13	22:05	12/14	01:32	60-34.3S	051-53.2	5251	.4	-3.0	12.3	12.68	-.68	33.65	8.11	.27
88/12/13	22:10	12/14	01:37	60-34.4S	051-50.9	5257	.4	-3.0	13.7	12.61	-.60	33.73	8.18	.27
88/12/13	22:15	12/14	01:42	60-34.6S	051-48.5	5251	.4	-3.0	13.1	12.68	-.60	33.73	8.18	.27
88/12/13	22:20	12/14	01:47	60-35.0S	051-46.1	5259	.4	-3.0	13.8	12.61	-.60	33.73	8.18	.28
88/12/13	22:25	12/14	01:51	60-35.2S	051-43.7	5257	.4	-3.0	13.3	12.68	-.60	33.73	8.20	.28
88/12/13	22:30	12/14	01:56	60-35.4S	051-41.3	5265	.4	-3.0	13.7	12.68	-.68	33.65	8.15	.27
88/12/13	22:35	12/14	02:01	60-35.6S	051-39.0	5262	.4	-3.0	13.9	12.61	-.68	33.65	8.18	.27
88/12/13	22:40	12/14	02:06	60-35.8S	051-36.7	5277	.4	-3.0	13.4	12.61	-.60	33.73	8.18	.27
88/12/13	22:45	12/14	02:11	60-35.9S	051-34.4	5265	.4	-3.0	13.0	12.68	-.60	33.73	8.19	.28
88/12/13	22:50	12/14	02:16	60-36.1S	051-32.0	5269	.4	-3.0	13.8	12.68	-.84	33.66	8.14	.28
88/12/13	22:55	12/14	02:20	60-36.3S	051-29.6	5293	.3	-3.0	13.0	12.68	-.76	33.74	8.17	.29
88/12/13	23:00	12/14	02:25	60-36.5S	051-27.3	5276	.3	-3.0	14.1	12.68	-.76	33.74	8.19	.29
88/12/13	23:05	12/14	02:30	60-36.7S	051-24.9	5272	.3	-3.0	13.8	12.68	-.76	33.74	8.20	.29
88/12/13	23:10	12/14	02:35	60-36.9S	051-22.6	5267	.2	-3.0	13.4	12.61	-.76	33.74	8.19	.29
88/12/13	23:15	12/14	02:40	60-37.1S	051-20.2	5268	.2	-3.0	13.7	12.68	-.84	33.66	8.17	.29
88/12/13	23:20	12/14	02:45	60-37.3S	051-17.8	5265	.2	-3.0	13.4	12.68	-.93	33.75	8.16	.29
88/12/13	23:25	12/14	02:50	60-37.4S	051-15.4	5265	.2	-3.0	13.8	12.68	-.84	33.66	8.18	.29
88/12/13	23:30	12/14	02:54	60-37.6S	051-13.0	5266	.2	-3.0	12.7	12.68	-.84	33.66	8.21	.29
88/12/13	23:35	12/14	02:59	60-37.8S	051-10.7	5259	.2	-3.0	14.0	12.68	-.84	33.66	8.20	.30
88/12/13	23:40	12/14	03:04	60-38.0S	051-08.4	5262	.2	-3.0	13.4	12.68	-.84	33.66	8.22	.30
88/12/13	23:45	12/14	03:09	60-38.2S	051-06.1	5264	.2	-3.0	13.7	12.68	-.84	33.66	8.22	.29
88/12/13	23:50	12/14	03:14	60-38.3S	051-03.7	5265	.2	-3.0	13.6	12.68	-.84	33.66	8.24	.29
88/12/13	23:55	12/14	03:19	60-38.5S	051-01.3	5262	.2	-3.0	13.6	12.68	-.84	33.66	8.23	.29
88/12/14	00:00	12/14	03:23	60-38.7S	050-58.9	5265	.2	-3.0	13.3	12.68	-.76	33.74	8.22	.28
88/12/14	00:05	12/14	03:28	60-38.9S	050-55.9	5269	.2	-3.0	12.9	12.68	-.76	33.74	8.23	.28
88/12/14	00:10	12/14	03:33	60-39.1S	050-53.6	5273	.1	-3.0	13.1	12.68	-.84	33.83	8.24	.28
88/12/14	00:15	12/14	03:38	60-39.2S	050-51.2	5278	.1	-3.0	13.8	12.68	-.84	33.66	8.20	.28
88/12/14	00:20	12/14	03:43	60-39.4S	050-48.8	5283	0.0	-3.0	13.7	12.68	-.84	33.66	8.19	.28
88/12/14	00:25	12/14	03:48	60-39.6S	050-46.4	5280	-.1	-3.0	13.1	12.68	-.84	33.66	8.21	.28
88/12/14	00:30	12/14	03:52	60-39.8S	050-44.0	0	-.1	-3.0	13.7	12.68	-.84	33.83	8.22	.27

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]
88/12/14	00:35	12/14	03:57	60-40.0S	050-41.6	5281	-2	-3.0	13.7	12.68	-76	33.74	8.20	.27
88/12/14	00:40	12/14	04:02	60-40.1S	050-39.2	5283	-3	-3.0	14.2	12.68	-76	33.74	8.22	.27
88/12/14	00:45	12/14	04:07	60-40.3S	050-36.7	5275	-3	-3.0	14.0	12.68	-68	33.82	8.25	.27
88/12/14	00:50	12/14	04:12	60-40.8S	050-34.3	5279	-5	-3.0	13.1	12.68	-68	33.82	8.25	.27
88/12/14	00:55	12/14	04:17	60-40.8S	050-31.9	5273	-7	-3.0	13.2	12.68	-68	33.65	8.20	.27
88/12/14	01:00	12/14	04:21	60-41.0S	050-29.7	5278	-7	-3.0	14.1	12.68	-68	33.65	8.22	.27
88/12/14	01:05	12/14	04:26	60-41.2S	050-27.2	5281	-7	-3.0	14.0	12.68	-60	33.73	8.23	.26
88/12/14	01:10	12/14	04:31	60-41.4S	050-24.8	5280	-8	-3.0	13.9	12.68	-68	33.82	8.23	.27
88/12/14	01:15	12/14	04:36	60-41.6S	050-22.3	5286	-7	-3.0	14.0	12.68	-68	33.65	8.19	.26
88/12/14	01:20	12/14	04:41	60-41.8S	050-20.0	5285	-6	-3.0	13.6	12.68	-76	33.74	8.15	.25
88/12/14	01:25	12/14	04:46	60-41.9S	050-17.6	5297	-5	-3.0	13.8	12.68	-76	33.74	8.16	.25
88/12/14	01:30	12/14	04:51	60-42.1S	050-15.2	5292	-4	-3.0	13.6	12.68	-76	33.74	8.18	.25
88/12/14	01:35	12/14	04:55	60-42.3S	050-12.7	5294	-4	-3.0	13.8	12.68	-76	33.74	8.19	.25
88/12/14	01:40	12/14	05:00	60-42.5S	050-10.3	5288	-4	-3.0	13.5	12.68	-76	33.74	8.19	.25
88/12/14	01:45	12/14	05:05	60-42.7S	050-07.9	5290	-3	-3.0	14.4	12.68	-68	33.65	8.19	.25
88/12/14	01:50	12/14	05:10	60-42.7S	050-05.6	5288	-3	-3.0	13.9	12.68	-76	33.74	8.19	.25
88/12/14	01:55	12/14	05:15	60-42.9S	050-03.1	5290	-3	-3.0	13.7	12.68	-68	33.65	8.19	.24
88/12/14	02:00	12/14	05:20	60-43.1S	050-00.7	5292	-3	-3.0	14.4	12.68	-76	33.74	8.17	.25
88/12/14	02:05	12/14	05:24	60-43.3S	049-57.7	5303	-3	-3.0	14.4	12.68	-76	33.74	8.17	.24
88/12/14	02:10	12/14	05:29	60-43.5S	049-55.3	5293	-3	-3.0	13.1	12.68	-76	33.74	8.16	.24
88/12/14	02:15	12/14	05:34	60-43.7S	049-52.9	5299	-4	-3.0	14.1	12.68	-76	33.74	8.14	.24
88/12/14	02:20	12/14	05:39	60-43.9S	049-50.9	5293	-4	-3.0	14.2	12.68	-68	33.65	8.18	.24
88/12/14	02:25	12/14	05:44	60-44.1S	049-47.9	5293	-4	-3.0	14.2	12.68	-68	33.65	8.19	.24
88/12/14	02:30	12/14	05:49	60-44.3S	049-45.5	5307	-4	-3.0	14.3	12.68	-68	33.65	8.19	.24
88/12/14	02:35	12/14	05:53	60-44.5S	049-43.1	5293	-4	-3.0	13.8	12.68	-76	33.74	8.18	.24
88/12/14	02:40	12/14	05:58	60-44.7S	049-40.6	5295	-4	-3.0	13.8	12.68	-84	33.66	8.17	.25
88/12/14	02:45	12/14	06:03	60-44.9S	049-38.1	5292	-4	-3.0	14.5	12.68	-84	33.66	8.15	.25
88/12/14	02:50	12/14	06:08	60-45.1S	049-35.6	5293	-4	-3.0	13.8	12.68	-76	33.74	8.19	.25
88/12/14	02:55	12/14	06:13	60-45.2S	049-33.2	5295	-3	-3.0	13.5	12.68	-84	33.63	8.19	.24
88/12/14	03:00	12/14	06:18	60-45.4S	049-30.8	5292	-3	-3.0	14.4	12.68	-76	33.74	8.19	.25
88/12/14	03:05	12/14	06:22	60-45.6S	049-28.3	5303	-4	-3.0	14.4	12.68	-76	33.74	8.19	.25
88/12/14	03:10	12/14	06:27	60-45.8S	049-25.7	5289	-6	-3.0	14.4	12.68	-68	33.65	8.19	.24
88/12/14	03:15	12/14	06:32	60-46.0S	049-23.3	5282	-8	-3.0	14.4	12.68	-76	33.74	8.17	.25
88/12/14	03:20	12/14	06:37	60-46.1S	049-20.8	5284	-9	-3.0	14.3	12.68	-76	33.74	8.14	.25
88/12/14	03:25	12/14	06:42	60-46.3S	049-18.4	5282	-1.1	-3.0	14.0	12.68	-76	33.74	8.16	.24
88/12/14	03:30	12/14	06:47	60-46.6S	049-15.9	5279	-1.1	-3.0	13.8	12.68	-76	33.74	8.15	.25
88/12/14	03:35	12/14	06:51	60-46.9S	049-13.7	5291	-9	-3.0	13.8	12.68	-76	33.74	8.15	.25
88/12/14	03:40	12/14	06:56	60-47.0S	049-11.3	5279	-1.0	-3.0	13.3	12.68	-84	33.66	8.12	.25
88/12/14	03:45	12/14	07:01	60-47.2S	049-08.8	5283	-1.1	-3.0	14.0	12.68	-76	33.57	8.18	.26
88/12/14	03:50	12/14	07:06	60-47.3S	049-06.3	5281	-1.1	-3.0	14.5	12.68	-76	33.57	8.19	.26
88/12/14	03:55	12/14	07:11	60-47.4S	049-03.8	5282	-1.1	-3.0	14.6	12.68	-84	33.66	8.17	.25
88/12/14	04:00	12/14	07:16	60-47.5S	049-01.3	5279	-1.0	-3.0	13.6	12.68	-84	33.66	8.16	.25
88/12/14	04:05	12/14	07:20	60-47.7S	048-58.7	5286	-1.1	-3.0	14.4	12.68	-84	33.66	8.16	.25
88/12/14	04:10	12/14	07:25	60-47.8S	048-56.2	5288	-9	-3.0	14.2	12.68	-76	33.57	8.15	.25
88/12/14	04:15	12/14	07:30	60-47.9S	048-53.7	5282	-7	-3.0	14.2	12.68	-84	33.66	8.14	.25
88/12/14	04:20	12/14	07:35	60-48.1S	048-51.1	5294	-1.1	-3.0	14.4	12.68	-84	33.66	8.12	.25
88/12/14	04:25	12/14	07:40	60-48.2S	048-48.6	5284	-1.2	-3.0	14.1	12.68	-84	33.66	8.12	.25
88/12/14	04:30	12/14	07:45	60-48.4S	048-46.1	5285	-1.2	-3.0	14.0	12.68	-93	33.58	8.09	.25
88/12/14	04:35	12/14	07:49	60-48.5S	048-43.6	5281	-1.2	-3.0	14.4	12.68	-93	33.58	8.08	.25
88/12/14	04:40	12/14	07:54	60-48.6S	048-41.0	5278	-1.2	-3.0	14.4	12.68	-84	33.49	8.08	.25
88/12/14	04:45	12/14	07:59	60-48.7S	048-38.5	5279	-1.3	-3.0	14.3	12.68	-93	33.58	8.06	.25

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]
88/12/14	04:50	12/14	08:04	60-48.8S	048-36.0	5284	-1.2	-3.0	14.4	12.68	-1.01	33.67	8.06	.25
88/12/14	04:55	12/14	08:09	60-49.0S	048-33.5	5278	-1.2	-3.0	14.2	12.68	-1.01	33.67	8.07	.25
88/12/14	05:00	12/14	08:14	60-49.1S	048-31.0	5279	-1.1	-3.0	14.2	12.68	-1.01	33.67	8.05	.25
88/12/14	05:05	12/14	08:18	60-49.2S	048-28.4	5284	-.8	-3.0	14.4	12.68	-1.01	33.67	8.07	.25
88/12/14	05:10	12/14	08:23	60-49.3S	048-25.9	5295	-.8	-3.0	14.3	12.68	-1.01	33.67	8.03	.25
88/12/14	05:15	12/14	08:28	60-49.4S	048-23.3	5277	-.7	-3.0	14.5	12.68	-1.01	33.67	8.02	.26
88/12/14	05:20	12/14	08:33	60-49.6S	048-21.3	5279	-.6	-3.0	14.1	12.68	-1.01	33.67	8.05	.26
88/12/14	05:25	12/14	08:38	60-49.7S	048-18.3	5286	-.5	-3.0	14.3	12.68	-1.01	33.67	8.07	.26
88/12/14	05:30	12/14	08:43	60-49.9S	048-15.7	5303	-.4	-3.0	14.5	12.68	-1.10	33.59	8.00	.26
88/12/14	05:35	12/14	08:47	60-50.0S	048-13.2	5277	-.4	-3.0	14.6	12.68	-1.18	33.51	7.97	.26
88/12/14	05:40	12/14	08:52	60-50.1S	048-10.7	5277	-.4	-3.0	14.3	12.68	-1.18	33.51	7.99	.26
88/12/14	05:45	12/14	08:57	60-50.3S	048-08.2	5294	-.4	-3.0	14.3	12.68	-1.26	33.59	7.97	.27
88/12/14	05:50	12/14	09:02	60-50.6S	048-06.3	5274	-.2	-3.0	14.4	12.68	-1.18	33.51	8.01	.27
88/12/14	05:55	12/14	09:07	60-50.6S	048-03.8	5277	-.2	-3.0	14.5	12.68	-1.18	33.51	8.03	.27
88/12/14	06:00	12/14	09:12	60-50.8S	048-01.3	5275	-.3	-3.0	14.4	12.68	-1.10	33.59	8.04	.27
88/12/14	06:05	12/14	09:16	60-50.9S	047-58.7	5272	-.3	-3.0	14.7	12.68	-1.18	33.51	8.00	.27
88/12/14	06:10	12/14	09:21	60-51.1S	047-56.2	5273	-.3	-3.0	14.4	12.68	-1.18	33.51	8.00	.27
88/12/14	06:15	12/14	09:26	60-51.2S	047-53.7	5275	-.2	-3.0	14.4	12.68	-1.18	33.51	7.99	.27
88/12/14	06:20	12/14	09:31	60-51.1S	047-51.8	5275	-.2	-3.0	14.6	12.68	-1.18	33.51	8.00	.28
88/12/14	06:25	12/14	09:36	60-51.2S	047-49.3	5302	-.1	-3.0	14.6	12.68	-.93	33.40	8.07	.27
88/12/14	06:30	12/14	09:41	60-51.4S	047-46.7	5277	.1	-3.0	14.4	12.68	-1.01	33.50	8.06	.27
88/12/14	06:35	12/14	09:45	60-51.6S	047-43.7	5281	.2	-3.0	14.4	12.68	-.93	33.58	8.06	.28
88/12/14	06:40	12/14	09:50	60-51.6S	047-41.2	5285	.3	-3.0	14.6	12.68	-.93	33.58	8.05	.27
88/12/14	06:45	12/14	09:55	60-51.7S	047-38.6	5313	.5	-3.0	14.6	12.68	-1.01	33.50	8.00	.27
88/12/14	06:50	12/14	10:00	60-51.8S	047-36.6	5290	.6	-3.0	14.6	12.68	-1.01	33.50	8.00	.28
88/12/14	06:55	12/14	10:05	60-51.8S	047-33.8	5291	-.1	-3.0	14.7	12.68	-1.10	33.59	7.97	.28
88/12/14	07:00	12/14	10:10	60-52.0S	047-31.2	5284	0.0	-3.0	14.6	12.68	-1.10	33.59	8.00	.28
88/12/14	07:05	12/14	10:14	60-52.1S	047-28.7	5284	.3	-3.0	14.6	12.68	-1.10	33.59	8.00	.28
88/12/14	07:10	12/14	10:19	60-52.3S	047-25.6	5284	.3	-3.0	14.3	12.68	-1.10	33.41	8.00	.28
88/12/14	07:15	12/14	10:24	60-52.6S	047-23.6	5285	.5	-3.0	14.8	12.68	-1.10	33.41	7.98	.29
88/12/14	07:20	12/14	10:29	60-52.7S	047-20.5	5288	.5	-3.0	14.5	12.68	-1.01	33.50	8.00	.29
88/12/14	07:25	12/14	10:34	60-52.9S	047-18.0	5287	.6	-3.0	14.6	12.68	-1.01	33.50	8.01	.29
88/12/14	07:30	12/14	10:39	60-53.1S	047-15.4	5292	.7	-3.0	14.7	12.68	-1.01	33.50	8.01	.29
88/12/14	07:35	12/14	10:43	60-53.3S	047-12.9	5287	.7	-3.0	14.5	12.68	-1.10	33.41	7.98	.29
88/12/14	07:40	12/14	10:48	60-53.2S	047-11.6	5292	.7	-3.0	14.8	12.68	-1.10	33.41	7.93	.29
88/12/14	07:45	12/14	10:53	60-53.3S	047-09.1	5301	.7	-3.0	14.3	12.68	-1.10	33.41	7.94	.30
88/12/14	07:50	12/14	10:58	60-53.6S	047-06.5	5297	.8	-3.0	14.6	12.68	-1.01	33.32	7.95	.30
88/12/14	07:55	12/14	11:03	60-53.7S	047-04.0	5291	.9	-3.0	14.8	12.68	-1.01	33.32	7.96	.30
88/12/14	08:00	12/14	11:08	60-53.9S	047-01.5	5289	1.1	-3.0	14.1	12.68	-1.01	33.50	7.96	.30
88/12/14	08:05	12/14	11:12	60-54.1S	046-59.0	5295	1.2	-3.0	14.7	12.68	-1.10	33.41	7.91	.30
88/12/14	08:10	12/14	11:17	60-54.2S	046-56.5	5297	1.3	-3.0	14.7	12.68	-1.01	33.32	7.91	.30
88/12/14	08:15	12/14	11:22	60-54.4S	046-53.9	5300	1.5	-3.0	14.5	12.68	-1.10	33.41	7.92	.31
88/12/14	08:20	12/14	11:27	60-54.6S	046-51.4	5281	1.5	-3.0	14.4	12.68	-1.01	33.50	7.93	.31
88/12/14	08:25	12/14	11:32	60-54.8S	046-48.4	5255	1.4	-3.0	14.5	12.68	-1.01	33.50	7.91	.31
88/12/14	08:30	12/14	11:37	60-55.0S	046-45.8	5313	1.4	-3.0	14.7	12.68	-1.10	33.41	7.87	.31
88/12/14	08:35	12/14	11:41	60-55.1S	046-43.9	4800	1.5	-3.0	14.9	12.68	-1.10	33.41	7.88	.31
88/12/14	08:40	12/14	11:46	60-55.3S	046-40.8	4000	1.6	-3.0	14.8	12.68	-.78	33.57	7.98	.31
88/12/14	08:45	12/14	11:51	60-55.4S	046-38.8	4614	1.6	-3.0	14.6	12.68	-.60	33.73	8.04	.31
88/12/14	08:50	12/14	11:56	60-55.6S	046-36.2	4100	1.6	-3.0	14.5	12.68	-.52	33.64	8.05	.30
88/12/14	08:55	12/14	12:01	60-55.8S	046-33.2	4100	1.8	-3.0	14.7	12.68	-.52	33.64	8.01	.30
88/12/14	09:00	12/14	12:06	60-56.0S	046-31.1	5263	1.9	-3.0	14.6	12.68	-.52	33.64	8.00	.30



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											
88/12/14	09:05	12/14	12:10	60-56.1S	046-28.6	5255	1.9	-3.0	14.7	12.68	-52	33.64	7.98	.30
88/12/14	09:10	12/14	12:15	60-56.3S	046-26.0	5259	2.1	-3.0	14.6	12.61	-44	33.66	7.98	.30
88/12/14	09:15	12/14	12:20	60-56.5S	046-23.5	5270	1.9	-3.0	14.6	12.68	-44	33.72	7.97	.30
88/12/14	09:20	12/14	12:25	60-56.6S	046-21.0	5269	1.7	-3.0	14.6	12.68	-52	33.64	7.93	.30
88/12/14	09:25	12/14	12:30	60-56.8S	046-17.9	5275	1.6	-3.0	14.6	12.68	-60	33.73	7.89	.30
88/12/14	09:30	12/14	12:35	60-57.0S	046-16.0	5273	1.5	-3.0	14.8	12.68	-52	33.64	7.88	.30
88/12/14	09:35	12/14	12:39	60-57.1S	046-13.4	5274	1.6	-3.0	14.7	12.68	-52	33.64	7.91	.30
88/12/14	09:40	12/14	12:44	60-57.3S	046-10.9	5273	1.6	-3.0	14.7	12.68	-52	33.64	7.89	.31
88/12/14	09:45	12/14	12:49	60-57.5S	046-08.3	5272	1.7	-3.0	14.8	12.68	-52	33.64	7.88	.31
88/12/14	09:50	12/14	12:54	60-57.7S	046-05.8	5275	1.8	-3.0	14.7	12.68	-52	33.64	7.86	.31
88/12/14	09:55	12/14	12:59	60-57.8S	046-03.2	5269	1.8	-3.0	14.6	12.61	-52	33.64	7.86	.31
88/12/14	10:00	12/14	13:04	60-58.0S	046-00.7	5264	2.0	-3.0	14.7	12.61	-52	33.64	7.84	.32
88/12/14	10:05	12/14	13:08	60-57.8S	045-59.5	5259	2.1	-3.0	14.7	12.61	-52	33.64	7.85	.32
88/12/14	10:10	12/14	13:13	60-58.0S	045-57.0	5253	2.0	-3.0	14.5	12.68	-52	33.64	7.85	.32
88/12/14	10:15	12/14	13:18	60-58.1S	045-54.6	5248	1.9	-3.0	14.8	12.68	-52	33.64	7.83	.32
88/12/14	10:20	12/14	13:23	60-58.3S	045-52.0	5243	1.7	-3.0	14.7	12.68	-52	33.64	7.81	.32
88/12/14	10:25	12/14	13:28	60-58.4S	045-49.3	5243	1.7	-3.0	14.6	12.68	-60	33.73	7.79	.32
88/12/14	10:30	12/14	13:33	60-58.6S	045-46.8	5243	1.7	-3.0	14.6	12.61	-60	33.73	7.76	.33
88/12/14	10:35	12/14	13:37	60-58.7S	045-44.3	5228	1.7	-3.0	14.6	12.61	-52	33.64	7.77	.33
88/12/14	10:40	12/14	13:42	60-58.9S	045-41.8	5223	1.8	-3.0	14.7	12.68	-52	33.64	7.78	.33
88/12/14	10:45	12/14	13:47	60-59.0S	045-39.3	5241	1.8	-3.0	14.7	12.61	-52	33.81	7.78	.33
88/12/14	10:50	12/14	13:52	60-59.2S	045-36.8	5244	1.5	-3.0	14.7	12.61	-52	33.81	7.76	.34
88/12/14	10:55	12/14	13:57	60-59.3S	045-34.3	5247	1.5	-3.0	14.8	12.61	-44	33.72	7.76	.33
88/12/14	11:00	12/14	14:02	60-59.5S	045-31.8	5241	1.5	-3.0	14.8	12.61	-44	33.72	7.74	.34
88/12/14	11:05	12/14	14:06	60-59.6S	045-29.3	5242	1.4	-3.0	14.7	12.68	-44	33.72	7.73	.34
88/12/14	11:10	12/14	14:11	60-59.8S	045-26.8	5247	1.6	-3.0	14.7	12.61	-44	33.72	7.72	.34
88/12/14	11:15	12/14	14:16	60-59.9S	045-24.2	5257	1.5	-3.0	14.6	12.61	-44	33.72	7.72	.34
88/12/14	11:20	12/14	14:21	61-00.1S	045-21.8	5258	1.4	-3.0	14.5	12.61	-44	33.72	7.70	.34
88/12/14	11:25	12/14	14:26	61-00.2S	045-19.3	5257	1.3	-3.0	14.5	12.61	-44	33.72	7.70	.35
88/12/14	11:30	12/14	14:31	61-00.4S	045-16.7	5254	1.3	-3.0	14.7	12.68	-44	33.72	7.70	.35
88/12/14	11:35	12/14	14:35	61-00.6S	045-14.2	5238	1.5	-3.0	14.9	12.61	-44	33.72	7.69	.35
88/12/14	11:40	12/14	14:40	61-01.1S	045-10.3	5239	1.3	-3.0	14.7	12.68	-44	33.72	7.65	.35
88/12/14	11:45	12/14	14:45	61-01.3S	045-07.7	5249	1.4	-3.0	14.7	12.61	-44	33.72	7.67	.35
88/12/14	11:50	12/14	14:50	61-01.4S	045-05.2	5247	1.7	-3.0	14.6	12.68	-52	33.81	7.65	.35
88/12/14	11:55	12/14	14:55	61-01.6S	045-02.6	5244	1.4	-3.0	14.4	12.68	-52	33.81	7.63	.35
88/12/14	12:00	12/14	15:00	61-01.7S	045-00.1	5245	1.4	-3.0	14.5	12.61	-52	33.64	7.63	.35
88/12/14	12:05	12/14	15:04	61-01.9S	044-57.5	5244	1.3	-3.0	14.5	12.68	-60	33.73	7.61	.35
88/12/14	12:10	12/14	15:09	61-02.0S	044-55.0	5238	1.3	-3.0	14.6	12.61	-60	33.73	7.61	.35
88/12/14	12:15	12/14	15:14	61-02.2S	044-52.4	5238	1.2	-3.0	14.7	12.61	-52	33.64	7.63	.35
88/12/14	12:20	12/14	15:19	61-02.3S	044-49.9	5243	1.2	-3.0	14.6	12.68	-52	33.64	7.63	.35
88/12/14	12:25	12/14	15:24	61-02.5S	044-47.3	5239	1.3	-3.0	14.8	12.68	-52	33.81	7.65	.36
88/12/14	12:30	12/14	15:28	61-02.7S	044-44.7	5244	1.2	-3.0	14.9	12.68	-44	33.72	7.65	.36
88/12/14	12:35	12/14	15:33	61-02.8S	044-42.1	5238	1.2	-3.0	14.7	12.68	-44	33.72	7.63	.36
88/12/14	12:40	12/14	15:38	61-03.0S	044-39.6	5241	1.2	-3.0	14.7	12.61	-52	33.81	7.61	.36
88/12/14	12:45	12/14	15:43	61-03.2S	044-37.0	5243	1.2	-3.0	14.5	12.61	-52	33.64	7.58	.36
88/12/14	12:50	12/14	15:48	61-03.4S	044-34.4	5240	1.1	-3.0	14.9	13.28	-60	33.73	7.60	.34
88/12/14	12:55	12/14	15:53	61-03.6S	044-31.9	5246	1.1	-3.0	14.7	13.36	-60	33.73	7.60	.34
88/12/14	13:00	12/14	16:57	61-03.7S	044-29.3	5244	1.1	-3.0	14.7	13.43	-60	33.73	7.59	.34
88/12/14	13:05	12/14	16:02	61-03.8S	044-26.7	5246	1.1	-3.0	14.7	13.43	-60	33.73	7.59	.34
88/12/14	13:10	12/14	16:07	61-04.0S	044-24.1	5246	1.1	-3.0	14.6	13.36	-60	33.73	7.59	.34
88/12/14	13:15	12/14	16:12	61-05.1S	044-21.4	5249	1.1	-3.0	14.8	13.43	-60	33.73	7.60	.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]
88/12/14	13:20	12/14	16:17	61-05.3S	044-18.8	5253	1.1	-3.0	14.6	13.43	-52	33.64	7.59	.35
88/12/14	13:25	12/14	16:22	61-05.6S	044-16.2	5256	1.1	-3.0	14.6	13.36	-60	33.57	7.60	.35
88/12/14	13:30	12/14	16:26	61-05.6S	044-13.7	5257	1.1	-3.0	14.6	13.28	-28	33.21	8.02	.53
88/12/14	13:35	12/14	16:31	61-05.8S	044-11.1	5260	1.1	-3.0	14.6	12.53	-68	33.65	7.60	.35
88/12/14	13:40	12/14	16:36	61-06.0S	044-08.5	5263	1.1	-3.0	14.6	12.61	-68	33.49	7.53	.35
88/12/14	13:45	12/14	16:41	61-06.2S	044-05.8	5257	1.1	-3.0	14.7	12.61	-76	33.57	7.55	.35
88/12/14	13:50	12/14	16:46	61-06.5S	044-03.1	5260	1.1	-3.0	14.6	12.61	-76	33.57	7.49	.36
88/12/14	13:55	12/14	16:51	61-06.7S	044-00.5	5259	1.0	-3.0	14.6	12.61	-84	33.49	7.53	.36
88/12/14	14:00	12/14	16:55	61-06.8S	043-58.0	5264	1.0	-3.0	14.8	12.61	-84	33.49	7.52	.36
88/12/14	14:05	12/14	17:00	61-07.0S	043-55.4	5260	1.0	-3.0	14.3	12.61	-93	33.58	7.54	.36
88/12/14	14:10	12/14	17:05	61-07.2S	043-52.8	5261	1.1	-3.0	14.4	12.61	-93	33.40	7.51	.37
88/12/14	14:15	12/14	17:10	61-07.4S	043-50.2	5261	1.1	-3.0	14.6	12.61	-93	33.40	7.54	.37
88/12/14	14:20	12/14	17:15	61-07.6S	043-47.7	5258	1.1	-3.0	14.6	12.68	-93	33.58	7.54	.36
88/12/14	14:25	12/14	17:19	61-07.6S	043-44.8	5252	1.1	-3.0	14.6	12.68	-84	33.49	7.55	.37
88/12/14	14:30	12/14	17:24	61-07.8S	043-42.2	5255	1.0	-3.0	14.6	12.61	-84	33.49	7.57	.36
88/12/14	14:35	12/14	17:29	61-08.0S	043-39.6	5260	1.0	-3.0	14.2	12.61	-93	33.58	7.55	.37
88/12/14	14:40	12/14	17:34	61-08.1S	043-37.1	5251	1.1	-3.0	14.4	12.61	-1.01	33.50	7.53	.36
88/12/14	14:45	12/14	17:39	61-08.3S	043-34.5	5253	1.0	-3.0	14.7	12.61	-1.10	33.58	7.53	.36
88/12/14	14:50	12/14	17:44	61-08.5S	043-31.9	5254	1.0	-3.0	14.5	12.68	-1.10	33.59	7.53	.37
88/12/14	14:55	12/14	17:48	61-08.7S	043-29.3	5257	1.0	-3.0	14.5	12.61	-1.01	33.50	7.53	.37
88/12/14	15:00	12/14	17:53	61-08.9S	043-26.8	5257	.9	-3.0	14.7	12.61	-1.01	33.50	7.58	.37
88/12/14	15:05	12/14	17:58	61-09.1S	043-24.2	5258	.9	-3.0	14.3	12.68	-1.01	33.67	7.57	.37
88/12/14	15:10	12/14	18:03	61-09.2S	043-21.6	5265	.9	-3.0	14.6	12.61	-1.01	33.67	7.58	.37
88/12/14	15:15	12/14	18:08	61-09.4S	043-19.1	5265	1.0	-3.0	14.2	12.61	-1.10	33.59	7.55	.37
88/12/14	15:20	12/14	18:13	61-09.5S	043-16.9	5271	.9	-3.0	14.5	12.68	-1.18	33.51	7.53	.37
88/12/14	15:25	12/14	18:17	61-09.7S	043-14.3	5284	.9	-3.0	14.4	12.68	-1.18	33.51	7.53	.37
88/12/14	15:30	12/14	18:22	61-09.8S	043-11.8	5266	.9	-3.0	14.5	12.61	-1.18	33.51	7.53	.37
88/12/14	15:35	12/14	18:27	61-10.0S	043-09.2	5282	.8	-3.0	14.5	12.61	-1.26	33.59	7.51	.37
88/12/14	15:40	12/14	18:32	61-10.2S	043-06.7	5276	.8	-3.0	14.8	12.61	-1.34	33.68	7.48	.37
88/12/14	15:45	12/14	18:37	61-10.4S	043-04.2	5273	.7	-3.0	14.2	12.61	-1.42	33.60	7.44	.38
88/12/14	15:50	12/14	18:42	61-10.6S	043-01.6	5273	.7	-3.0	14.3	12.61	-1.50	33.69	7.41	.38
88/12/14	15:55	12/14	18:46	61-10.7S	042-58.1	5276	.7	-3.0	14.4	12.61	-1.50	33.69	7.45	.38
88/12/14	16:00	12/14	18:51	61-10.9S	042-56.6	5280	.6	-3.0	14.0	12.68	-1.50	33.52	7.45	.38
88/12/14	16:05	12/14	18:56	61-11.1S	042-54.1	5276	.7	-3.0	14.1	12.61	-1.50	33.52	7.47	.38
88/12/14	16:10	12/14	19:01	61-11.3S	042-51.5	5280	.6	-3.0	14.4	12.61	-1.50	33.69	7.49	.38
88/12/14	16:15	12/14	19:06	61-11.6S	042-49.1	5283	.7	-3.0	14.6	12.68	-1.42	33.68	7.51	.38
88/12/14	16:20	12/14	19:11	61-11.8S	042-46.5	5275	.7	-3.0	14.3	12.61	-1.42	33.60	7.52	.38
88/12/14	16:25	12/14	19:15	61-11.9S	042-44.0	5281	.6	-3.0	14.2	12.68	-1.42	33.60	7.53	.38
88/12/14	16:30	12/14	19:20	61-12.1S	042-41.5	5275	.6	-3.0	14.2	12.61	-1.34	33.51	7.53	.38
88/12/14	16:35	12/14	19:25	61-12.3S	042-38.9	5260	.7	-3.0	14.3	12.68	-1.42	33.60	7.51	.38
88/12/14	16:40	12/14	19:30	61-12.5S	042-36.4	5256	.7	-3.0	14.6	12.61	-1.42	33.60	7.50	.38
88/12/14	16:45	12/14	19:35	61-12.7S	042-33.8	5259	.7	-3.0	14.7	12.68	-1.42	33.60	7.50	.38
88/12/14	16:50	12/14	19:40	61-12.8S	042-31.3	5259	.7	-3.0	14.2	12.61	-1.42	33.60	7.51	.38
88/12/14	16:55	12/14	19:44	61-13.1S	042-28.9	5250	.7	-3.0	14.5	12.61	-1.42	33.60	7.51	.38
88/12/14	17:00	12/14	19:49	61-13.3S	042-26.3	5251	.7	-3.0	14.6	12.61	-1.42	33.60	7.49	.38
88/12/14	17:05	12/14	19:54	61-13.5S	042-23.8	5252	.7	-3.0	14.2	12.68	-1.42	33.60	7.48	.37
88/12/14	17:10	12/14	19:59	61-13.7S	042-21.2	5253	.7	-3.0	14.3	12.68	-1.42	33.60	7.48	.38
88/12/14	17:15	12/14	20:04	61-13.8S	042-18.7	5256	.7	-3.0	14.0	12.68	-1.42	33.60	7.48	.38
88/12/14	17:20	12/14	20:09	61-13.9S	042-16.0	5256	.7	-3.0	14.3	12.61	-1.50	33.52	7.45	.38
88/12/14	17:25	12/14	20:13	61-14.0S	042-13.4	5247	.7	-3.0	14.2	12.68	-1.50	33.52	7.53	.38
88/12/14	17:30	12/14	20:18	61-14.2S	042-10.9	5253	.7	-3.0	14.5	12.61	-1.50	33.52	7.46	.38

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]
88/12/14	17:35	12/14	20:23	61-14.3S	042-08.3	5273	.6	-3.0	14.5	12.68	-1.58	33.60	7.44	.38
88/12/14	17:40	12/14	20:28	61-14.5S	042-06.8	5257	.7	-3.0	14.3	12.68	-1.50	33.52	7.47	.38
88/12/14	17:45	12/14	20:33	61-14.6S	042-03.3	5253	.7	-3.0	14.0	12.68	-1.58	33.60	7.45	.38
88/12/14	17:50	12/14	20:38	61-14.7S	042-00.7	5251	.7	-3.0	14.3	12.68	-1.58	33.60	7.43	.38
88/12/14	17:55	12/14	20:42	61-14.8S	041-58.2	5254	.7	-3.0	14.3	12.68	-1.58	33.60	7.45	.38
88/12/14	18:00	12/14	20:47	61-14.9S	041-55.6	5256	.7	-3.0	14.4	12.61	-1.50	33.52	7.48	.38
88/12/14	18:05	12/14	20:52	61-15.1S	041-53.2	5248	.8	-3.0	14.5	12.61	-1.68	33.60	7.46	.38
88/12/14	18:10	12/14	20:57	61-15.2S	041-50.6	5249	.8	-3.0	14.8	12.68	-1.58	33.60	7.44	.38
88/12/14	18:15	12/14	21:02	61-15.3S	041-48.0	5256	.9	-3.0	14.8	12.61	-1.58	33.60	7.46	.38
88/12/14	18:20	12/14	21:07	61-15.5S	041-45.4	5257	.9	-3.0	14.4	12.68	-1.58	33.60	7.46	.38
88/12/14	18:25	12/14	21:11	61-15.6S	041-42.9	5260	.7	-3.0	14.1	12.68	-1.58	33.60	7.46	.38
88/12/14	18:30	12/14	21:16	61-15.9S	041-40.6	5258	.6	-3.0	14.1	12.68	-1.58	33.60	7.44	.38
88/12/14	18:35	12/14	21:21	61-16.0S	041-38.1	5258	.6	-3.0	14.1	12.68	-1.58	33.60	7.42	.38
88/12/14	18:40	12/14	21:26	61-16.2S	041-35.7	5271	.6	-3.0	13.7	12.68	-1.58	33.77	7.46	.38
88/12/14	18:45	12/14	21:31	61-16.3S	041-33.2	5263	.7	-3.0	13.7	12.68	-1.58	33.77	7.49	.38
88/12/14	18:50	12/14	21:36	61-16.4S	041-31.8	5262	.6	-3.0	0.0	12.68	-1.58	33.77	7.43	.39
88/12/14	18:55	12/14	21:41	61-16.5S	041-31.7	5262	.6	-3.0	13.7	12.68	-1.58	33.77	7.44	.38
88/12/14	19:00	12/14	21:46	61-16.7S	041-29.4	5263	.7	-3.0	14.3	12.68	-1.50	33.69	7.54	.38
88/12/14	19:05	12/14	21:50	61-16.9S	041-26.9	5267	.6	-3.0	14.3	12.76	-1.42	33.60	7.55	.38
88/12/14	19:10	12/14	21:55	61-17.2S	041-24.4	5200	.6	-3.0	14.3	12.83	-1.42	33.60	7.53	.38
88/12/14	19:15	12/14	22:00	61-17.3S	041-21.8	5300	.6	-3.0	14.3	12.76	-1.42	33.60	7.56	.38
88/12/14	19:20	12/14	22:05	61-17.5S	041-19.3	5300	.6	-3.0	14.3	12.76	-1.42	33.60	7.58	.38
88/12/14	19:25	12/14	22:09	61-17.5S	041-12.1	6300	.6	-3.0	14.3	12.76	-1.42	33.60	7.58	.38
88/12/14	19:30	12/14	22:14	61-17.6S	041-09.4	5269	.7	-3.0	14.3	12.83	-1.42	33.60	7.58	.38
88/12/14	19:35	12/14	22:19	61-17.8S	041-06.7	5273	.7	-3.0	14.3	12.76	-1.34	33.51	7.64	.37
88/12/14	19:40	12/14	22:24	61-18.0S	041-04.0	5267	.8	-3.0	14.3	12.76	-1.26	33.59	7.69	.37
88/12/14	19:45	12/14	22:29	61-18.2S	041-01.3	5278	.7	-3.0	14.3	12.76	-1.18	33.51	7.72	.37
88/12/14	19:50	12/14	22:33	61-18.4S	040-59.9	5265	.7	-3.0	14.3	12.76	-1.18	33.67	7.74	.37
88/12/14	19:55	12/14	22:38	61-18.6S	040-57.2	5267	.8	-3.0	14.3	12.83	-1.10	33.59	7.75	.37
88/12/14	20:00	12/14	22:43	61-18.8S	040-54.6	5270	.8	-3.0	14.3	12.83	-1.10	33.59	7.77	.36
88/12/14	20:05	12/14	22:48	61-19.0S	040-52.0	5269	.9	-3.0	14.3	12.76	-1.10	33.75	7.77	.36
88/12/14	20:10	12/14	22:53	61-19.1S	040-49.3	5292	.8	-3.0	14.3	12.76	-1.10	33.75	7.77	.36
88/12/14	20:15	12/14	22:58	61-19.3S	040-46.6	5280	.8	-3.0	14.3	12.83	-1.10	33.75	7.74	.36
88/12/14	20:20	12/14	23:02	61-19.5S	040-44.0	5300	.7	-3.0	14.3	12.83	-1.10	33.75	7.76	.36
88/12/14	20:25	12/14	23:07	61-19.7S	040-41.3	5300	.7	-3.0	14.3	12.83	-1.10	33.75	7.77	.36
88/12/14	20:30	12/14	23:12	61-19.7S	040-40.0	5279	.8	-3.0	14.3	12.76	-1.01	33.83	7.80	.36
88/12/14	20:35	12/14	23:17	61-19.9S	040-37.3	5284	.8	-3.0	14.3	12.76	-1.01	33.83	7.81	.35
88/12/14	20:40	12/14	23:22	61-20.0S	040-34.7	5282	.7	-3.0	14.3	12.83	-1.01	33.83	7.79	.35
88/12/14	20:45	12/14	23:27	61-20.2S	040-32.1	5289	.7	-3.0	14.3	12.83	-1.18	33.84	7.75	.35
88/12/14	20:50	12/14	23:31	61-20.3S	040-29.9	5281	.7	-3.0	14.3	12.91	-1.10	33.75	7.77	.35
88/12/14	20:55	12/14	23:36	61-20.4S	040-27.3	5290	.7	-3.0	14.3	12.83	-1.01	33.83	7.81	.35
88/12/14	21:00	12/14	23:41	61-20.6S	040-24.7	5279	.7	-3.0	14.3	12.91	-1.01	33.67	7.82	.35
88/12/14	21:05	12/14	23:46	61-20.8S	040-22.1	5278	.7	-3.0	14.6	12.83	-1.01	33.83	7.82	.35
88/12/14	21:10	12/14	23:51	61-20.9S	040-19.5	5285	.7	-3.0	14.6	12.91	-1.01	33.67	7.83	.34
88/12/14	21:15	12/14	23:56	61-21.3S	040-17.3	5286	.7	-3.0	14.6	12.83	-1.01	33.83	7.84	.34
88/12/14	21:20	12/15	00:00	61-21.5S	040-14.7	5287	.7	-3.0	14.6	12.83	-1.01	33.67	7.84	.34
88/12/14	21:25	12/15	00:05	61-21.7S	040-12.1	5280	.7	-3.0	14.6	12.83	-1.10	33.75	7.81	.34
88/12/14	21:30	12/15	00:10	61-21.8S	040-09.4	5277	.7	-3.0	14.6	12.83	-1.10	33.75	7.82	.34
88/12/14	21:35	12/15	00:15	61-22.0S	040-06.8	5279	.7	-3.0	14.8	12.91	-1.10	33.75	7.81	.34
88/12/14	21:40	12/15	00:20	61-22.3S	040-04.8	5287	.6	-3.0	14.6	12.83	-1.10	33.75	7.79	.34
88/12/14	21:45	12/15	00:25	61-22.4S	040-02.2	5277	.6	-3.0	14.6	12.83	-1.10	33.75	7.80	.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]
88/12/14	21:50	12/15	00:29	61-22.6S	039-59.6	5287	.6	-3.0	14.6	12.83	-1.18	33.84	7.80	.34
88/12/14	21:55	12/15	00:34	61-22.7S	039-56.9	5282	.6	-3.0	14.6	12.83	-1.18	33.84	7.81	.34
88/12/14	22:00	12/15	00:39	61-22.9S	039-54.4	5280	.6	-3.0	14.6	12.83	-1.10	33.75	7.81	.34
88/12/14	22:05	12/15	00:44	61-23.0S	039-51.7	5284	.6	-3.0	14.6	12.83	-1.18	33.84	7.83	.34
88/12/14	22:10	12/15	00:49	61-23.2S	039-49.1	5283	.6	-3.0	14.6	12.83	-1.18	33.84	7.83	.34
88/12/14	22:15	12/15	00:54	61-23.1S	039-47.2	5287	.6	-3.0	14.6	12.76	-1.18	33.84	7.83	.34
88/12/14	22:20	12/15	00:58	61-23.3S	039-44.6	5290	.6	-3.0	14.6	12.83	-1.18	33.67	7.82	.33
88/12/14	22:25	12/15	01:03	61-23.4S	039-42.1	5283	.6	-3.0	14.6	12.83	-1.18	33.84	7.84	.33
88/12/14	22:30	12/15	01:08	61-23.5S	039-39.5	5271	.5	-3.0	14.6	12.83	-1.18	33.84	7.86	.33
88/12/14	22:35	12/15	01:13	61-23.7S	039-36.9	5275	.5	-3.0	14.6	12.83	-1.18	33.84	7.86	.33
88/12/14	22:40	12/15	01:18	61-23.7S	039-34.3	5276	.5	-3.0	14.6	12.83	-1.18	33.67	7.86	.33
88/12/14	22:45	12/15	01:23	61-23.9S	039-31.7	5287	.5	-3.0	14.6	12.83	-1.18	33.51	7.84	.33
88/12/14	22:50	12/15	01:27	61-24.0S	039-29.2	5281	.5	-3.0	14.6	12.91	-1.26	33.59	7.81	.33
88/12/14	22:55	12/15	01:32	61-24.1S	039-26.5	5276	.5	-3.0	14.6	12.91	-1.26	33.41	7.82	.33
88/12/14	23:00	12/15	01:37	61-24.3S	039-23.9	5280	.4	-3.0	14.6	12.83	-1.26	33.41	7.84	.33
88/12/14	23:05	12/15	01:42	61-24.4S	039-21.4	5285	.5	-3.0	14.6	12.83	-1.26	33.59	7.84	.33
88/12/14	23:10	12/15	01:47	61-24.5S	039-18.8	5282	.5	-3.0	14.6	12.91	-1.26	33.41	7.85	.33
88/12/14	23:15	12/15	01:52	61-24.7S	039-16.2	5280	.5	-3.0	14.6	12.91	-1.18	33.51	7.89	.33
88/12/14	23:20	12/15	01:56	61-24.8S	039-13.6	5279	.5	-3.0	14.6	12.91	-1.18	33.51	7.91	.33
88/12/14	23:25	12/15	02:01	61-25.0S	039-11.0	5278	.5	-3.0	14.6	12.83	-1.18	33.51	7.90	.33
88/12/14	23:30	12/15	02:06	61-25.1S	039-08.4	5273	.4	-3.0	14.6	12.91	-1.18	33.51	7.89	.33
88/12/14	23:35	12/15	02:11	61-25.3S	039-05.8	5271	.4	-3.0	14.6	12.91	-1.18	33.51	7.93	.32
88/12/14	23:40	12/15	02:16	61-25.4S	039-03.2	5263	.4	-3.0	14.6	12.91	-1.18	33.51	7.92	.32
88/12/14	23:45	12/15	02:21	61-25.5S	039-00.7	5254	.4	-3.0	14.6	12.91	-1.18	33.51	7.91	.32
88/12/14	23:50	12/15	02:25	61-25.6S	038-58.1	5127	.3	-3.0	14.6	12.91	-1.18	33.51	7.91	.32
88/12/14	23:55	12/15	02:30	61-25.8S	038-55.5	0	.2	-3.0	14.6	12.91	-1.18	33.51	7.93	.32
88/12/15	00:00	12/15	02:35	61-25.9S	038-52.9	5246	.2	-3.0	14.6	12.91	-1.18	33.67	7.95	.32
88/12/15	00:05	12/15	02:40	61-26.0S	038-50.3	5261	.1	-3.0	14.6	12.98	-1.18	33.67	7.96	.32
88/12/15	00:10	12/15	02:45	61-26.2S	038-47.7	5200	.1	-3.0	14.6	12.98	-1.18	33.51	7.93	.32
88/12/15	00:15	12/15	02:50	61-26.3S	038-45.1	5274	.1	-3.0	14.6	13.21	-1.18	33.51	7.94	.32
88/12/15	00:20	12/15	02:54	61-26.5S	038-42.5	5269	.1	-3.0	14.6	13.13	-1.18	33.51	7.96	.31
88/12/15	00:25	12/15	02:59	61-26.6S	038-39.5	5280	.1	-3.0	14.6	13.13	-1.18	33.51	7.98	.32
88/12/15	00:30	12/15	03:04	61-26.7S	038-36.9	5278	0.0	-3.0	14.6	13.13	-1.18	33.67	7.97	.32
88/12/15	00:35	12/15	03:09	61-26.8S	038-34.3	5235	0.0	-3.0	14.6	13.13	-1.18	33.51	7.99	.31
88/12/15	00:40	12/15	03:14	61-27.0S	038-31.7	5234	0.0	-3.0	14.6	13.13	-1.10	33.59	7.99	.32
88/12/15	00:45	12/15	03:18	61-27.2S	038-29.5	5238	0.0	-3.0	14.6	13.13	-1.18	33.51	7.97	.31
88/12/15	00:50	12/15	03:23	61-27.3S	038-26.9	5227	-.3	-3.0	14.4	13.13	-1.26	33.41	7.95	.31
88/12/15	00:55	12/15	03:28	61-27.3S	038-24.3	5231	-.4	-3.0	14.4	13.13	-1.26	33.41	7.95	.31
88/12/15	01:00	12/15	03:33	61-27.4S	038-21.8	5239	-.4	-3.0	14.4	13.13	-1.34	33.51	7.92	.31
88/12/15	01:05	12/15	03:38	61-27.4S	038-19.2	5253	-.4	-3.0	14.4	13.13	-1.34	33.51	7.94	.31
88/12/15	01:10	12/15	03:43	61-27.4S	038-16.6	5209	-.5	-3.0	14.4	13.13	-1.34	33.51	7.93	.31
88/12/15	01:15	12/15	03:47	61-27.4S	038-14.1	5215	-.6	-3.0	14.4	13.13	-1.42	33.60	7.89	.31
88/12/15	01:20	12/15	03:52	61-27.4S	038-11.5	5240	-.7	-3.0	14.4	13.13	-1.50	33.69	7.88	.31
88/12/15	01:25	12/15	03:57	61-27.5S	038-09.0	5239	-.7	-3.0	14.4	13.13	-1.58	33.60	7.88	.31
88/12/15	01:30	12/15	04:02	61-27.7S	038-06.5	5240	-.7	-3.0	14.4	13.13	-1.58	33.60	7.90	.31
88/12/15	01:35	12/15	04:07	61-27.8S	038-04.0	5229	-.7	-3.0	14.4	13.13	-1.58	33.60	7.91	.31
88/12/15	01:40	12/15	04:12	61-27.9S	038-01.5	5232	-.7	-3.0	14.4	13.13	-1.58	33.60	7.91	.31
88/12/15	01:45	12/15	04:16	61-28.0S	037-59.0	5229	-.7	-3.0	14.4	13.13	-1.58	33.60	7.93	.31
88/12/15	01:50	12/15	04:21	61-28.1S	037-56.5	5226	-.7	-3.0	14.4	13.13	-1.58	33.60	7.94	.31
88/12/15	01:55	12/15	04:26	61-28.3S	037-54.1	5239	-.7	-3.0	14.4	13.13	-1.58	33.77	7.95	.31
88/12/15	02:00	12/15	04:31	61-28.4S	037-51.5	5240	-.7	-3.0	14.4	13.13	-1.58	33.60	7.96	.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]
88/12/16	02:05	12/16	04:36	61-28.1S	037-48.8	5237	-7	-3.0	14.4	13.13	-1.58	33.60	7.92	.33
88/12/16	02:10	12/16	04:41	61-28.2S	037-46.3	5242	-7	-3.0	14.4	13.13	-1.58	33.60	7.95	.33
88/12/16	02:15	12/16	04:46	61-28.3S	037-43.7	5237	-8	-3.0	14.4	13.13	-1.58	33.60	7.93	.33
88/12/16	02:20	12/16	04:50	61-28.6S	037-41.3	5239	-8	-3.0	14.4	13.13	-1.58	33.60	7.93	.33
88/12/16	02:25	12/16	04:55	61-28.6S	037-38.8	5244	-8	-3.0	14.4	13.06	-1.58	33.60	7.95	.33
88/12/16	02:30	12/16	05:00	61-27.9S	037-36.3	5235	-8	-3.0	14.3	13.06	-1.58	33.60	7.94	.33
88/12/16	02:35	12/16	05:05	61-28.1S	037-33.8	5237	-8	-3.0	14.4	12.91	-1.66	33.69	7.94	.33
88/12/16	02:40	12/16	05:10	61-28.3S	037-31.4	5243	-8	-3.0	14.4	12.83	-1.66	33.69	7.93	.33
88/12/16	02:45	12/16	05:14	61-28.4S	037-28.9	5240	-8	-3.0	14.4	12.91	-1.66	33.69	7.94	.33
88/12/16	02:50	12/16	05:19	61-28.1S	037-25.3	5251	-8	-3.0	14.4	12.91	-1.66	33.69	7.95	.33
88/12/16	02:55	12/16	05:24	61-28.4S	037-22.9	5239	-9	-3.0	14.4	12.91	-1.66	33.69	7.95	.33
88/12/16	03:00	12/16	05:29	61-28.7S	037-20.3	5237	-9	-3.0	14.4	12.91	-1.66	33.69	7.96	.33
88/12/16	03:05	12/16	05:34	61-29.0S	037-17.8	5243	-9	-3.0	14.4	12.83	-1.66	33.69	7.98	.32
88/12/16	03:10	12/16	05:39	61-29.5S	037-15.4	5243	-9	-3.0	14.4	12.83	-1.58	33.60	7.98	.33
88/12/16	03:15	12/16	05:43	61-30.0S	037-13.0	5240	-9	-3.0	14.4	12.83	-1.66	33.69	7.97	.33
88/12/16	03:20	12/16	05:48	61-30.4S	037-11.0	5255	-9	-3.0	14.4	12.83	-1.58	33.60	8.01	.32
88/12/16	03:25	12/16	05:53	61-30.5S	037-08.0	5241	-1.0	-3.0	14.4	12.91	-1.58	33.60	8.01	.32
88/12/16	03:30	12/16	05:58	61-30.7S	037-05.5	5244	-1.0	-3.0	14.4	12.83	-1.66	33.69	8.01	.32
88/12/16	03:35	12/16	06:03	61-30.8S	037-03.0	5246	-1.0	-3.0	14.4	12.83	-1.66	33.52	8.00	.32
88/12/16	03:40	12/16	06:08	61-30.9S	037-00.5	5244	-9	-3.0	14.3	12.83	-1.66	33.52	7.98	.32
88/12/16	03:45	12/16	06:12	61-30.6S	036-58.1	5241	-1.0	-3.0	14.4	12.91	-1.74	33.61	7.97	.32
88/12/16	03:50	12/16	06:17	61-30.2S	036-55.7	5187	-1.0	-3.0	13.6	12.91	-1.66	33.52	7.98	.32
88/12/16	03:55	12/16	06:22	61-30.1S	036-53.3	5228	-1.0	-3.0	13.9	12.91	-1.74	33.61	7.98	.32
88/12/16	04:00	12/16	06:27	61-30.0S	036-50.9	5232	-1.0	-3.0	13.9	12.91	-1.74	33.61	7.96	.32
88/12/16	04:05	12/16	06:32	61-29.9S	036-48.6	0	-1.0	-3.0	11.7	12.91	-1.74	33.61	7.98	.32
88/12/16	04:10	12/16	06:37	61-30.1S	036-46.4	5243	-1.0	-3.0	12.9	12.91	-1.74	33.61	7.97	.32
88/12/16	04:15	12/16	06:41	61-30.2S	036-44.2	5234	-1.0	-3.0	13.5	12.91	-1.74	33.61	7.98	.32
88/12/16	04:20	12/16	06:46	61-30.5S	036-41.8	5244	-8	-3.0	14.3	12.91	-1.74	33.61	8.00	.32
88/12/16	04:25	12/16	06:51	61-30.6S	036-39.4	5235	-9	-3.0	14.0	12.91	-1.74	33.61	7.97	.32
88/12/16	04:30	12/16	06:56	61-30.9S	036-37.1	5376	-8	-3.0	14.0	12.91	-1.66	33.52	8.03	.32
88/12/16	04:35	12/16	07:01	61-31.3S	036-34.9	5202	-8	-3.0	14.0	12.91	-1.74	33.61	8.01	.32
88/12/16	04:40	12/16	07:06	61-32.2S	036-28.9	5100	-8	-3.0	13.9	12.91	-1.66	33.69	8.04	.32
88/12/16	04:45	12/16	07:10	61-32.2S	036-26.4	0	-8	-3.0	13.6	12.91	-1.74	33.61	8.01	.32
88/12/16	04:50	12/16	07:15	61-32.2S	036-24.1	5227	-8	-3.0	13.2	12.98	-1.74	33.61	7.97	.32
88/12/16	04:55	12/16	07:20	61-32.0S	036-21.8	5222	-8	-3.0	13.2	12.91	-1.66	33.52	7.98	.32
88/12/16	05:00	12/16	07:25	61-31.8S	036-19.4	5222	-8	-3.0	13.8	12.91	-1.66	33.52	8.00	.31
88/12/16	05:05	12/16	07:30	61-31.8S	036-17.0	5225	-8	-3.0	14.0	12.91	-1.66	33.52	7.99	.32
88/12/16	05:10	12/16	07:34	61-32.0S	036-14.6	5228	-8	-3.0	14.0	12.91	-1.66	33.52	7.99	.31
88/12/16	05:15	12/16	07:39	61-33.5S	036-10.7	5081	-9	-3.0	14.0	12.91	-1.66	33.52	7.98	.31
88/12/16	05:20	12/16	07:44	61-34.4S	036-09.1	5225	-4	-3.0	14.3	12.91	-1.74	33.61	7.99	.31
88/12/16	05:25	12/16	07:49	61-35.4S	036-07.7	5228	-1	-3.0	14.3	12.91	-1.74	33.61	7.98	.31
88/12/16	05:30	12/16	07:54	61-36.5S	036-06.8	5225	.3	-3.0	13.1	12.91	-1.66	33.52	8.01	.31
88/12/16	05:35	12/16	07:59	61-38.2S	036-07.1	5221	.2	-3.0	14.3	12.91	-1.74	33.61	8.01	.32
88/12/16	05:40	12/16	08:04	61-39.2S	036-06.1	5216	-7	-3.0	14.3	12.91	-1.66	33.69	8.03	.31
88/12/16	05:45	12/16	08:09	61-40.3S	036-04.8	5228	-7	-3.0	14.2	12.91	-1.66	33.69	8.02	.31
88/12/16	05:50	12/16	08:14	61-41.2S	036-03.3	5219	-8	-3.0	14.2	12.91	-1.74	33.61	8.01	.31
88/12/16	05:55	12/16	08:19	61-42.1S	036-01.9	5221	-8	-3.0	14.2	12.91	-1.66	33.69	8.03	.31
88/12/16	06:00	12/16	08:24	61-43.1S	036-00.5	5219	-8	-3.0	14.2	12.91	-1.74	33.78	8.03	.31
88/12/16	06:05	12/16	08:28	61-44.8S	035-58.0	5216	-8	-3.0	13.5	12.91	-1.74	33.61	8.00	.31
88/12/16	06:10	12/16	08:33	61-45.7S	035-56.7	5221	-8	-3.0	13.1	12.91	-1.74	33.61	8.00	.31
88/12/16	06:15	12/16	08:38	61-46.6S	035-55.4	5071	-8	-3.0	14.3	12.91	-1.74	33.61	8.01	.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]
88/12/15	06:20	12/15	08:43	61-47.6S	035-54.1	5209	-8	-3.0	12.9	12.91	-1.74	33.61	8.02	.31
88/12/15	06:25	12/15	08:48	61-48.4S	035-52.7	4940	-8	-3.0	12.9	12.91	-1.74	33.61	8.04	.31
88/12/15	06:30	12/15	08:53	61-50.2S	035-53.6	5199	-7	-3.0	12.9	12.91	-1.74	33.61	8.04	.31
88/12/15	06:35	12/15	08:58	61-51.2S	035-52.5	5207	-7	-3.0	13.0	12.91	-1.74	33.61	8.07	.31
88/12/15	06:40	12/15	09:03	61-52.0S	035-51.0	5198	-7	-3.0	11.9	5.70	-1.58	33.60	6.02	.30
88/12/15	06:45	12/15	09:08	61-52.7S	035-49.8	5197	-7	-3.0	12.9	1.94	5.64	1.98	7.93	.27
88/12/15	06:50	12/15	09:13	61-53.5S	035-48.1	5216	-7	-3.0	13.1	.97	5.64	1.32	6.96	.66
88/12/15	06:55	12/15	09:18	61-54.2S	035-46.3	5188	-7	-3.0	13.1	.82	5.56	1.33	6.77	.62
88/12/15	07:00	12/15	09:22	61-55.0S	035-44.7	5188	-7	-3.0	13.1	9.68	.37	34.01	8.93	.50
88/12/15	07:05	12/15	09:27	61-55.8S	035-43.3	5193	-7	-3.0	13.1	12.61	-1.18	33.67	7.62	.27
88/12/15	07:10	12/15	09:32	61-56.6S	035-41.8	5182	-6	-3.0	13.0	12.68	-1.50	33.52	7.55	.28
88/12/15	07:15	12/15	09:37	61-57.5S	035-40.6	5199	-6	-3.0	13.1	12.68	-1.74	33.61	7.60	.29
88/12/15	07:20	12/15	09:42	61-58.4S	035-39.2	5190	-6	-3.0	13.1	12.68	-1.58	33.60	7.75	.29
88/12/15	07:25	12/15	09:47	61-59.2S	035-37.6	4990	-7	-3.0	13.1	12.68	-1.66	33.52	7.81	.29
88/12/15	07:30	12/15	09:52	62-00.1S	035-36.3	5187	-5	-3.0	11.2	12.61	-1.66	33.52	7.88	.29
88/12/15	07:35	12/15	09:57	62-00.9S	035-35.0	5189	-5	-3.0	13.0	12.61	-1.66	33.52	7.94	.29
88/12/15	07:40	12/15	10:02	62-01.7S	035-33.4	5178	-5	-3.0	13.0	12.61	-1.66	33.52	8.00	.29
88/12/15	07:45	12/15	10:07	62-02.5S	035-32.2	5322	-4	-3.0	11.5	12.98	-1.66	33.52	8.04	.29
88/12/15	07:50	12/15	10:11	62-06.4S	035-24.8	5176	-3	-3.0	13.0	13.13	-1.58	33.60	8.12	.29
88/12/15	07:55	12/15	10:16	62-07.3S	035-23.6	5173	-2	-3.0	13.0	12.98	-1.58	33.60	8.12	.28
88/12/15	08:00	12/15	10:21	62-08.2S	035-22.6	5180	0.0	-3.0	13.0	12.98	-1.58	33.60	8.12	.28
88/12/15	08:05	12/15	10:26	62-09.2S	035-21.6	5184	0.0	-3.0	13.0	12.98	-1.58	33.60	8.12	.28
88/12/15	08:10	12/15	10:31	62-10.3S	035-21.1	5182	.4	-3.0	13.0	12.98	-1.66	33.69	8.12	.28
88/12/15	08:15	12/15	10:36	62-11.4S	035-20.3	5183	.4	-3.0	13.6	12.98	-1.66	33.69	8.11	.28
88/12/15	08:20	12/15	10:41	62-13.9S	035-21.2	5168	.3	-3.0	13.6	12.98	-1.74	33.61	8.08	.28
88/12/15	08:25	12/15	10:46	62-14.8S	035-20.0	5187	.2	-3.0	13.0	12.98	-1.66	33.69	8.11	.28
88/12/15	08:30	12/15	10:51	62-15.8S	035-19.0	5173	.3	-3.0	13.0	12.98	-1.66	33.69	8.11	.28
88/12/15	08:35	12/15	10:56	62-16.7S	035-17.9	5165	.3	-3.0	13.4	12.98	-1.66	33.69	8.11	.28
88/12/15	08:40	12/15	11:01	62-17.7S	035-16.6	5167	.2	-3.0	13.4	12.98	-1.66	33.69	8.13	.28
88/12/15	08:45	12/15	11:06	62-18.7S	035-15.4	5168	.3	-3.0	13.3	13.06	-1.66	33.69	8.15	.28
88/12/15	08:50	12/15	11:10	62-19.5S	035-12.4	5153	-3	-3.0	11.6	13.13	-1.74	33.61	8.12	.27
88/12/15	08:55	12/15	11:15	62-19.1S	035-11.2	5153	-5	-3.0	6.0	13.13	-1.66	33.52	8.17	.28
88/12/15	09:00	12/15	11:20	62-19.5S	035-09.7	5148	-3	-3.0	13.3	13.13	-1.66	33.52	8.19	.28
88/12/15	09:05	12/15	11:25	62-20.5S	035-08.5	5147	0.0	-3.0	14.5	13.13	-1.74	33.61	8.20	.27
88/12/15	09:10	12/15	11:30	62-21.6S	035-07.2	5139	.2	-3.0	14.5	13.21	-1.66	33.69	8.26	.27
88/12/15	09:15	12/15	11:35	62-23.0S	035-03.4	5140	.2	-3.0	14.5	13.21	-1.58	33.60	8.27	.27
88/12/15	09:20	12/15	11:40	62-24.2S	035-02.9	5135	1.1	-3.0	14.5	13.21	-1.66	33.52	8.24	.27
88/12/15	09:25	12/15	11:45	62-25.4S	035-02.4	5131	1.0	-3.0	14.5	13.21	-1.74	33.61	8.20	.27
88/12/15	09:30	12/15	11:50	62-26.5S	035-01.3	5136	.8	-3.0	14.5	13.21	-1.82	33.70	8.17	.27
88/12/15	09:35	12/15	11:55	62-27.5S	035-00.2	5137	.9	-3.0	14.5	13.21	-1.74	33.61	8.18	.27
88/12/15	09:40	12/15	12:00	62-29.1S	035-01.1	5136	1.2	-3.0	14.4	13.21	-1.74	33.61	8.18	.27
88/12/15	09:45	12/15	12:04	62-29.9S	034-59.3	5134	.8	-3.0	14.5	13.21	-1.82	33.70	8.10	.27
88/12/15	09:50	12/15	12:09	62-30.9S	034-57.7	5123	.8	-3.0	14.5	13.13	-1.74	33.78	8.17	.27
88/12/15	09:55	12/15	12:14	62-31.8S	034-56.0	5152	.7	-3.0	14.5	13.21	-1.74	33.61	8.15	.27
88/12/15	10:00	12/15	12:19	62-32.6S	034-54.0	5127	.5	-3.0	14.5	13.21	-1.74	33.61	8.14	.27
88/12/15	10:05	12/15	12:24	62-33.5S	034-52.5	5131	.6	-3.0	13.4	13.28	-1.74	33.78	8.17	.27
88/12/15	10:10	12/15	12:29	62-34.4S	034-51.1	5136	.7	-3.0	13.4	13.28	-1.74	33.78	8.18	.27
88/12/15	10:15	12/15	12:34	62-35.4S	034-49.9	5134	1.2	-3.0	13.4	13.28	-1.74	33.78	8.16	.27
88/12/15	10:20	12/15	12:39	62-36.4S	034-49.0	5127	1.6	-3.0	13.4	13.28	-1.74	33.78	8.15	.26
88/12/15	10:25	12/15	12:44	62-37.4S	034-48.1	5258	2.0	-3.0	13.4	13.28	-1.74	33.61	8.12	.26
88/12/15	10:30	12/15	12:49	62-38.3S	034-47.3	5610	2.6	-3.0	13.4	13.28	-1.82	33.70	8.12	.27

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											
88/12/15	10:35	12/15	12:54	62-39.5S	034-46.2	5130	2.6	-3.0	13.4	13.28	-1.74	33.61	8.13	.27
88/12/15	10:40	12/15	12:59	62-41.8S	034-45.4	5129	1.9	-3.0	13.4	13.28	-1.74	33.61	8.13	.26
88/12/15	10:45	12/15	13:04	62-43.0S	034-45.2	5139	.9	-3.0	14.0	13.28	-1.82	33.70	8.13	.26
88/12/15	10:50	12/15	13:08	62-44.1S	034-45.0	5138	.7	-3.0	13.5	13.28	-1.74	33.61	8.13	.27
88/12/15	10:55	12/15	13:13	62-45.2S	034-44.7	5126	.6	-3.0	13.6	13.28	-1.74	33.61	8.15	.26
88/12/15	11:00	12/15	13:18	62-46.3S	034-44.5	5127	.3	-3.0	13.6	13.28	-1.74	33.61	8.12	.26
88/12/15	11:05	12/15	13:23	62-48.1S	034-42.2	5175	.6	-3.0	13.7	13.21	-1.74	33.78	8.10	.26
88/12/15	11:10	12/15	13:28	62-49.0S	034-41.8	5140	.7	-3.0	14.0	13.21	-1.74	33.78	8.09	.26
88/12/15	11:15	12/15	13:33	62-50.3S	034-41.2	5139	.6	-3.0	14.5	13.28	-1.74	33.78	8.11	.26
88/12/15	11:20	12/15	13:38	62-51.4S	034-40.0	5135	1.7	-3.0	14.5	13.21	-1.74	33.78	8.08	.26
88/12/15	11:25	12/15	13:43	62-52.4S	034-38.5	5144	1.8	-3.0	14.1	13.21	-1.74	33.78	8.04	.26
88/12/15	11:30	12/15	13:48	62-53.7S	034-39.9	5200	1.5	-3.0	13.4	13.21	-1.74	33.78	8.00	.26
88/12/15	11:35	12/15	13:53	62-54.5S	034-38.3	5349	1.5	-3.0	12.4	13.21	-1.82	33.87	7.96	.26
88/12/15	11:40	12/15	13:58	62-55.2S	034-36.7	4976	1.3	-3.0	12.4	13.21	-1.82	33.87	7.93	.27
88/12/15	11:45	12/15	14:03	62-55.9S	034-35.4	4809	1.5	-3.0	10.0	13.21	-1.82	33.87	7.96	.27
88/12/15	11:50	12/15	14:08	62-56.5S	034-34.3	4600	1.6	-3.0	10.0	13.21	-1.82	33.87	7.93	.27
88/12/15	11:55	12/15	14:13	62-57.2S	034-33.1	5119	1.7	-3.0	10.0	13.21	-1.74	33.78	7.98	.26
88/12/15	12:00	12/15	14:18	62-57.8S	034-31.9	5319	1.7	-3.0	10.0	13.06	-1.82	33.87	7.97	.26
88/12/15	12:05	12/15	14:23	62-58.6S	034-31.0	5126	2.3	-3.0	11.0	13.13	-1.82	33.87	7.95	.26
88/12/15	12:10	12/15	14:27	62-59.6S	034-29.9	5119	2.9	-3.0	11.0	13.13	-1.82	33.87	7.96	.26
88/12/15	12:15	12/15	14:32	63-00.2S	034-29.1	5115	2.9	-3.0	11.0	13.13	-1.82	33.87	7.94	.26
88/12/15	12:20	12/15	14:37	63-01.3S	034-28.4	5103	1.5	-3.0	11.0	13.21	-1.90	33.79	7.91	.26
88/12/15	12:25	12/15	14:42	63-02.2S	034-27.8	5102	1.6	-3.0	11.0	13.13	-1.82	33.87	7.95	.27
88/12/15	12:30	12/15	14:47	63-03.0S	034-26.9	5104	1.7	-3.0	11.0	13.13	-1.82	33.87	7.98	.26
88/12/15	12:35	12/15	14:52	63-03.7S	034-25.9	5097	2.4	-3.0	11.0	13.13	-1.82	33.87	7.96	.26
88/12/15	12:40	12/15	14:57	63-04.6S	034-24.7	5104	3.1	-3.0	11.5	13.21	-1.74	33.78	7.96	.26
88/12/15	12:45	12/15	15:02	63-05.4S	034-23.6	5093	2.6	-3.0	11.5	13.21	-1.74	33.78	7.95	.27
88/12/15	12:50	12/15	15:07	63-06.2S	034-22.4	5093	3.1	-3.0	11.5	13.13	-1.82	33.87	7.91	.27
88/12/15	12:55	12/15	15:12	63-07.0S	034-21.4	4806	2.5	-3.0	11.5	13.43	-1.82	33.87	7.89	.27
88/12/15	13:00	12/15	15:17	63-11.9S	034-17.6	5089	2.6	-3.0	11.5	13.51	-1.82	33.87	7.94	.27
88/12/15	13:05	12/15	15:22	63-12.7S	034-16.3	5007	2.4	-3.0	12.8	13.43	-1.74	33.78	7.94	.27
88/12/15	13:10	12/15	15:26	63-13.6S	034-14.5	5125	2.4	-3.0	13.2	13.43	-1.74	33.78	7.93	.27
88/12/15	13:15	12/15	15:31	63-14.4S	034-13.6	5090	2.9	-3.0	11.3	13.43	-1.82	33.87	7.88	.27
88/12/15	13:20	12/15	15:36	63-15.2S	034-12.5	5200	2.4	-3.0	11.5	13.43	-1.74	33.78	7.89	.27
88/12/15	13:25	12/15	15:41	63-16.0S	034-11.4	5065	2.1	-3.0	11.9	13.43	-1.82	33.87	7.89	.27
88/12/15	13:30	12/15	15:46	63-16.9S	034-10.3	5369	2.9	-3.0	11.9	13.43	-1.82	33.87	7.86	.28
88/12/15	13:35	12/15	15:51	63-17.8S	034-09.3	5465	1.9	-3.0	11.9	13.51	-1.82	33.87	7.88	.28
88/12/15	13:40	12/15	15:56	63-18.6S	034-08.2	5093	1.4	-3.0	11.4	13.51	-1.82	33.87	7.88	.28
88/12/15	13:45	12/15	16:01	63-19.5S	034-07.4	5100	1.0	-3.0	11.5	13.28	-1.74	33.78	7.93	.27
88/12/15	13:50	12/15	16:06	63-20.3S	034-06.4	4841	1.1	-3.0	12.0	13.21	-1.82	33.87	7.90	.28
88/12/15	13:55	12/15	16:11	63-23.1S	034-04.0	5123	1.2	-3.0	12.0	13.28	-1.82	33.87	7.88	.28
88/12/15	14:00	12/15	16:16	63-23.9S	034-02.6	5059	2.1	-3.0	11.4	13.96	-1.82	33.87	7.89	.28
88/12/15	14:05	12/15	16:21	63-24.7S	034-01.4	5600	1.9	-3.0	12.2	14.33	-1.82	33.87	7.90	.28
88/12/15	14:10	12/15	16:26	63-25.5S	034-00.2	5502	1.4	-3.0	11.1	14.26	-1.82	33.87	7.88	.28
88/12/15	14:15	12/15	16:30	63-26.2S	033-58.4	5600	1.9	-3.0	11.2	14.18	-1.82	33.87	7.84	.28
88/12/15	14:20	12/15	16:35	63-26.7S	033-57.1	5650	2.0	-3.0	11.6	13.36	-1.74	33.78	7.96	.28
88/12/15	14:25	12/15	16:40	63-27.3S	033-55.4	5191	2.3	-3.0	11.6	13.43	-1.90	33.79	7.85	.28
88/12/15	14:30	12/15	16:45	63-28.9S	033-51.8	5242	2.2	-3.0	11.5	13.43	-1.90	33.79	7.78	.29
88/12/15	14:35	12/15	16:50	63-29.4S	033-50.1	5041	2.0	-3.0	11.5	13.28	-1.82	33.87	7.81	.28
88/12/15	14:40	12/15	16:55	63-30.1S	033-49.3	5043	1.2	-3.0	11.5	13.36	-1.74	33.78	7.82	.29
88/12/15	14:45	12/15	17:00	63-30.8S	033-47.9	5038	2.5	-3.0	11.5	13.43	-1.82	33.87	7.79	.28

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]
88/12/15	14:50	12/15	17:05	63-31.7S	033-47.3	4935	1.0	-3.0	11.5	13.58	-1.90	33.79	7.80	.29
88/12/15	14:55	12/15	17:10	63-32.4S	033-46.1	5038	1.8	-3.0	11.5	13.43	-1.82	33.70	7.78	.29
88/12/15	15:00	12/15	17:15	63-33.1S	033-45.1	4745	1.2	-3.0	11.5	13.58	-1.98	33.70	7.83	.30
88/12/15	15:05	12/15	17:19	63-33.9S	033-43.9	5030	1.0	-3.0	11.5	13.81	-1.90	33.79	7.79	.24
88/12/15	15:10	12/15	17:24	63-34.9S	033-43.8	5028	.3	-3.0	11.5	13.73	-1.90	33.79	7.80	.25
88/12/15	15:15	12/15	17:29	63-35.8S	033-44.2	5026	.1	-3.0	11.5	13.51	-1.82	33.70	7.79	.28
88/12/15	15:20	12/15	17:34	63-36.7S	033-44.7	5023	0.0	-3.0	11.5	13.51	-1.74	33.78	7.81	.27
88/12/15	15:25	12/15	17:40	63-37.6S	033-45.0	5021	.8	-3.0	11.5	13.58	-1.82	33.87	7.79	.25
88/12/15	15:30	12/15	17:44	63-38.1S	033-43.4	5018	1.6	-3.0	11.5	13.58	-1.82	33.87	7.81	.25
88/12/15	15:35	12/15	17:49	63-38.8S	033-42.0	5016	1.1	-3.0	11.5	13.58	-1.82	33.87	7.81	.25
88/12/15	15:40	12/15	17:54	63-39.6S	033-40.4	1500	1.3	-3.0	11.5	13.58	-1.82	33.70	7.79	.25
88/12/15	15:45	12/15	17:59	63-40.2S	033-38.9	5009	1.9	-3.0	12.0	13.58	-1.74	33.78	7.86	.25
88/12/15	15:50	12/15	18:04	63-44.2S	033-36.1	5006	1.4	-3.0	11.5	13.66	-1.66	33.86	7.84	.27
88/12/15	15:55	12/15	18:09	63-45.1S	033-35.5	5003	.6	-3.0	11.5	14.03	-1.82	33.87	7.83	.29
88/12/15	16:00	12/15	18:14	63-46.0S	033-35.3	5002	0.0	-3.0	11.5	13.51	-1.82	33.87	7.79	.29
88/12/15	16:05	12/15	18:19	63-46.9S	033-36.0	4835	-.2	-3.0	11.5	13.58	-1.82	33.87	7.76	.29
88/12/15	16:10	12/15	18:24	63-47.8S	033-36.5	4997	-.2	-3.0	12.0	14.18	-1.98	33.70	7.81	.31
88/12/15	16:15	12/15	18:29	63-49.2S	033-36.5	4994	-.3	-3.0	12.0	13.58	-1.82	33.87	7.79	.29
88/12/15	16:20	12/15	18:34	63-50.2S	033-36.1	4993	-.3	-3.0	12.0	13.58	-1.82	33.87	7.80	.29
88/12/15	16:25	12/15	18:39	63-51.1S	033-35.0	4990	-.2	-3.0	12.0	13.58	-1.82	33.87	7.81	.29
88/12/15	16:30	12/15	18:44	63-51.9S	033-33.8	4988	.9	-3.0	12.0	13.81	-1.82	33.87	7.84	.29
88/12/15	16:35	12/15	18:49	63-52.6S	033-32.2	4987	2.5	-3.0	12.0	13.13	-1.82	33.87	7.87	.29
88/12/15	16:40	12/15	18:54	63-53.2S	033-30.4	5033	2.9	-3.0	11.8	13.06	-1.74	33.95	7.86	.29
88/12/15	16:45	12/15	18:58	63-53.6S	033-28.3	4976	2.1	-3.0	11.6	13.06	-1.74	33.78	7.80	.29
88/12/15	16:50	12/15	19:03	63-53.7S	033-26.3	4984	1.4	-3.0	11.5	13.13	-1.82	33.87	7.82	.30
88/12/15	16:55	12/15	19:08	63-54.2S	033-24.5	4963	1.6	-3.0	11.6	14.48	-2.23	33.80	8.00	.31
88/12/15	17:00	12/15	19:13	63-54.6S	033-22.4	4955	1.4	-3.0	11.6	13.06	-1.82	33.87	7.84	.30
88/12/15	17:05	12/15	19:18	63-55.1S	033-20.7	5000	1.7	-3.0	11.6	13.51	-1.90	33.79	7.75	.30
88/12/15	17:10	12/15	19:23	63-58.4S	033-16.6	4942	1.2	-3.0	13.6	13.58	-1.90	33.96	7.76	.30
88/12/15	17:15	12/15	19:27	63-58.9S	033-14.6	4934	1.0	-3.0	13.3	13.58	-1.82	33.87	7.72	.30
88/12/15	17:20	12/15	19:32	63-59.7S	033-12.7	4923	1.2	-3.0	13.9	13.96	-1.90	33.96	7.64	.30
88/12/15	17:25	12/15	19:37	64-00.6S	033-11.1	4889	1.0	-3.0	13.9	14.18	-1.90	33.96	7.58	.31
88/12/15	17:30	12/15	19:42	64-01.4S	033-09.7	4725	1.2	-3.0	11.0	13.51	-1.90	33.96	7.51	.30
88/12/15	17:35	12/15	19:47	64-02.2S	033-08.9	4679	.4	-3.0	10.6	13.51	-1.82	34.05	7.51	.31
88/12/15	17:40	12/15	19:52	64-02.9S	033-08.5	5000	.4	-3.0	10.6	5.40	-1.82	34.05	7.32	.30
88/12/15	17:45	12/15	19:57	64-03.6S	033-07.1	4859	.9	-3.0	10.6	14.41	-1.66	34.04	7.76	.30
88/12/15	17:50	12/15	20:02	64-04.1S	033-05.5	4884	1.1	-3.0	10.9	13.73	-1.90	33.96	7.51	.30
88/12/15	17:55	12/15	20:07	64-04.7S	033-04.0	4866	1.2	-3.0	10.9	13.66	-1.82	34.05	7.51	.30
88/12/15	18:00	12/15	20:12	64-06.4S	033-02.2	4870	.8	-3.0	11.0	13.88	-1.90	33.96	7.46	.30
88/12/15	18:05	12/15	20:17	64-07.1S	033-00.8	4863	.8	-3.0	9.0	13.88	-1.90	33.96	7.44	.31
88/12/15	18:10	12/15	20:22	64-07.8S	033-00.1	4846	.6	-3.0	12.0	13.21	-1.90	33.96	7.42	.30
88/12/15	18:15	12/15	20:26	64-08.7S	032-59.2	4833	0.0	-3.0	12.3	13.13	-1.90	34.14	7.44	.30
88/12/15	18:20	12/15	20:31	64-09.6S	032-58.3	4791	-.3	-3.0	11.6	13.13	-1.90	33.96	7.41	.30
88/12/15	18:25	12/15	20:36	64-10.8S	032-55.3	4781	-.4	-3.0	12.6	13.13	-1.90	33.96	7.41	.31
88/12/15	18:30	12/15	20:41	64-11.5S	032-53.8	4772	.3	-3.0	12.6	13.13	-1.90	33.96	7.41	.31
88/12/15	18:35	12/15	20:46	64-11.9S	032-51.7	4806	.4	-3.0	12.6	14.33	-1.98	34.06	7.44	.36
88/12/15	18:40	12/15	20:51	64-12.8S	032-50.5	4647	-.3	-3.0	12.6	14.11	-1.90	33.96	7.57	.31
88/12/15	18:45	12/15	20:56	64-13.6S	032-49.0	4700	.8	-3.0	13.0	13.13	-1.90	34.14	7.53	.31
88/12/15	18:50	12/15	21:01	64-14.3S	032-47.2	4741	.1	-3.0	13.0	13.36	-1.90	34.14	7.55	.31
88/12/15	18:55	12/15	21:06	64-15.2S	032-45.7	4747	.6	-3.0	13.0	13.58	-1.82	34.05	7.60	.31
88/12/15	19:00	12/15	21:10	64-16.8S	032-44.0	4822	1.0	-3.0	13.0	13.58	-1.90	33.96	7.58	.31



GMT		LMT		Lat	Long	Depth	A temp	W temp	Speed	Flow	W temp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
88/12/15	19:05	12/15	21:15	64-17.6S	032-42.1	4863	.5	-3.0	13.0	13.51	-1.90	33.96	7.58	.31
88/12/15	19:10	12/15	21:20	64-18.1S	032-40.1	5138	.6	-3.0	13.0	13.58	-1.90	33.96	7.60	.30
88/12/15	19:15	12/15	21:25	64-19.0S	032-38.5	5288	-.1	-3.0	11.7	14.33	-2.06	33.79	7.59	.32
88/12/15	19:20	12/15	21:30	64-19.6S	032-36.8	4852	.2	-3.0	11.7	13.13	-1.90	33.96	7.62	.31
88/12/15	19:25	12/15	21:35	64-20.3S	032-35.5	4855	-.3	-3.0	12.2	14.03	-2.06	33.96	7.67	.31
88/12/15	19:30	12/15	21:40	64-21.2S	032-31.9	4807	.3	-3.0	12.3	13.66	-1.98	34.06	7.64	.30
88/12/15	19:35	12/15	21:44	64-21.5S	032-29.9	4815	.4	-3.0	11.6	13.51	-1.90	33.96	7.65	.30
88/12/15	19:40	12/15	21:49	64-21.5S	032-27.7	4838	.9	-3.0	11.6	14.03	-1.90	33.96	7.67	.31
88/12/15	19:45	12/15	21:54	64-21.7S	032-25.6	4858	1.2	-3.0	12.6	13.73	-1.90	33.96	7.84	.31
88/12/15	19:50	12/15	21:59	64-22.1S	032-23.3	4870	2.0	-3.0	12.8	13.43	-1.82	34.05	7.70	.31
88/12/15	19:55	12/15	22:04	64-22.5S	032-21.1	4878	2.1	-3.0	13.0	13.51	-1.82	34.05	7.70	.30
88/12/15	20:00	12/15	22:09	64-23.5S	032-20.3	4884	0.0	-3.0	13.0	13.73	-1.98	34.06	7.65	.30
88/12/15	20:05	12/15	22:14	64-24.4S	032-19.0	4891	-.2	-3.0	11.5	13.58	-1.90	33.96	7.61	.30
88/12/15	20:10	12/15	22:19	64-25.1S	032-17.9	4900	-.2	-3.0	11.0	13.66	-1.98	34.06	7.61	.30
88/12/15	20:15	12/15	22:24	64-25.9S	032-16.9	4890	-.4	-3.0	12.5	14.18	-2.15	33.88	7.58	.31
88/12/15	20:20	12/15	22:29	64-26.9S	032-16.2	4867	-.6	-3.0	11.8	13.36	-1.90	33.96	7.65	.30
88/12/15	20:25	12/15	22:33	64-29.6S	032-14.3	4866	-.6	-3.0	11.8	13.58	-1.90	33.96	7.61	.30
88/12/15	20:30	12/15	22:38	64-30.5S	032-13.6	4559	-.6	-3.0	11.8	13.36	-1.90	33.96	7.57	.30
88/12/15	20:35	12/15	22:43	64-31.5S	032-13.6	4898	-.7	-3.0	12.3	14.11	-1.98	34.06	7.60	.30
88/12/15	20:40	12/15	22:48	64-32.5S	032-14.1	4789	-.8	-3.0	11.7	14.33	-1.98	34.06	7.64	.30
88/12/15	20:45	12/15	22:53	64-33.5S	032-14.4	4892	-.8	-3.0	12.4	13.88	-1.98	34.06	7.64	.30
88/12/15	20:50	12/15	22:58	64-34.4S	032-13.3	4907	-.8	-3.0	12.4	13.73	-2.15	34.24	7.58	.30
88/12/15	20:55	12/15	23:03	64-35.3S	032-12.1	4754	-.8	-3.0	11.6	13.96	-2.06	34.15	7.66	.30
88/12/15	21:00	12/15	23:08	64-36.2S	032-11.2	4887	-.8	-3.0	11.4	13.43	-2.06	34.15	7.62	.30
88/12/15	21:05	12/15	23:13	64-37.0S	032-10.4	4880	-.8	-3.0	11.4	13.28	-2.06	34.15	7.70	.30
88/12/15	21:10	12/15	23:18	64-37.8S	032-09.2	4900	-.8	-3.0	10.8	13.88	-2.06	34.15	7.68	.30
88/12/15	21:15	12/15	23:23	64-40.3S	032-05.6	4699	-.8	-3.0	10.4	14.11	-2.06	34.15	7.72	.30
88/12/15	21:20	12/15	23:28	64-41.0S	032-05.3	4878	-.8	-3.0	10.3	15.69	-2.39	33.63	7.70	.35
88/12/15	21:25	12/15	23:33	64-41.9S	032-04.7	4873	-.8	-3.0	11.1	15.91	-2.15	34.06	8.06	.31
88/12/15	21:30	12/15	23:38	64-42.7S	032-04.0	4711	-.8	-3.0	11.6	13.96	-2.06	34.15	7.81	.30
88/12/15	21:35	12/15	23:43	64-43.4S	032-02.4	4860	-.8	-3.0	11.6	15.69	-2.39	33.98	7.80	.30
88/12/15	21:40	12/15	23:48	64-45.5S	032-01.3	4842	-.8	-3.0	11.0	13.58	-2.15	34.06	7.77	.30
88/12/15	21:45	12/15	23:53	64-46.3S	032-01.2	4838	-.8	-3.0	10.7	13.81	-2.15	34.06	7.74	.30
88/12/15	21:50	12/15	23:58	64-47.2S	032-00.2	0	-.7	-3.0	10.7	15.98	-2.55	33.81	8.10	.34
88/12/15	21:55	12/15	00:02	64-47.9S	031-59.3	4842	-.7	-3.0	10.0	3.37	-1.82	33.53	7.19	.37
88/12/15	22:00	12/16	00:07	64-48.5S	031-57.9	5017	-.5	-3.0	10.4	3.37	-2.15	33.71	7.53	.37
88/12/15	22:05	12/16	00:12	64-49.1S	031-56.7	4818	-.8	-3.0	10.6	16.66	-1.74	33.78	8.61	.31
88/12/15	22:10	12/16	00:17	64-50.9S	031-57.1	4790	-.8	-3.0	9.3	17.26	-2.47	33.72	7.86	.32
88/12/15	22:15	12/16	00:22	64-51.7S	031-56.0	0	-.8	-3.0	10.6	15.76	-2.23	34.15	7.87	.30
88/12/15	22:20	12/16	00:27	64-52.2S	031-54.5	4784	-.3	-3.0	9.5	16.89	-2.39	33.98	7.86	.31
88/12/15	22:25	12/16	00:32	64-52.7S	031-53.1	4568	-.6	-3.0	9.8	14.93	-2.31	33.89	7.90	.31
88/12/15	22:30	12/16	00:37	64-53.3S	031-51.8	4785	-.6	-3.0	9.8	15.23	-2.39	33.80	7.93	.31
88/12/15	22:35	12/16	00:42	64-53.9S	031-50.7	4800	-.6	-3.0	9.6	14.63	-2.31	34.07	8.05	.30
88/12/15	22:40	12/16	00:47	64-55.3S	031-45.7	4759	-.8	-3.0	9.2	14.78	-2.23	33.97	7.93	.30
88/12/15	22:45	12/16	00:52	64-56.0S	031-45.0	4767	-.9	-3.0	10.0	13.28	-2.15	34.06	7.98	.30
88/12/15	22:50	12/16	00:56	64-56.9S	031-44.3	4776	-.9	-3.0	11.6	13.28	-2.15	34.06	7.96	.29
88/12/15	22:55	12/16	01:01	64-57.8S	031-43.9	4771	-.9	-3.0	9.4	13.28	-2.06	33.96	7.95	.30
88/12/15	23:00	12/16	01:06	64-59.9S	031-41.1	4781	-.7	-3.0	10.7	13.36	-2.15	34.06	7.92	.29
88/12/15	23:05	12/16	01:11	65-00.7S	031-40.3	4759	-.8	-3.0	10.3	13.58	-2.15	34.06	7.92	.29
88/12/15	23:10	12/16	01:16	65-01.4S	031-39.5	4516	-.8	-3.0	8.7	17.11	-2.55	33.98	7.94	.31
88/12/15	23:15	12/16	01:21	65-02.0S	031-38.4	4800	-.8	-3.0	8.7	17.86	-2.55	33.81	7.98	.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]	[m/l]	[ug/l]
88/12/15	23:20	12/16	01:26	65-02.6S	031-37.2	4400	-8	-3.0	8.7	17.41	-2.63	33.90	8.07	.31
88/12/15	23:25	12/16	01:31	65-03.9S	031-34.2	4757	-8	-3.0	8.7	16.74	-2.55	33.98	8.08	.30
88/12/15	23:30	12/16	01:36	65-04.4S	031-32.9	4600	-8	-3.0	8.7	16.21	-2.55	33.81	8.07	.31
88/12/15	23:35	12/16	01:41	65-04.8S	031-31.4	4738	-6	-3.0	10.4	14.56	-2.39	33.80	8.09	.31
88/12/15	23:40	12/16	01:45	65-05.2S	031-29.7	4740	-6	-3.0	11.0	14.03	-2.23	34.15	8.05	.29
88/12/15	23:45	12/16	01:50	65-05.8S	031-28.3	4767	-9	-3.0	11.7	13.81	-2.15	34.06	8.04	.29
88/12/15	23:50	12/16	01:55	65-06.8S	031-27.6	4754	-1.0	-3.0	11.7	13.28	-2.06	33.96	8.03	.29
88/12/15	23:55	12/16	02:00	65-07.6S	031-26.5	4737	-1.0	-3.0	11.7	13.06	-2.06	34.15	8.03	.29
88/12/16	00:00	12/16	02:05	65-08.4S	031-25.1	5095	-1.0	-3.0	10.5	12.83	-2.06	34.15	8.02	.28
88/12/16	00:05	12/16	02:10	65-09.1S	031-23.9	4399	-1.0	-3.0	10.0	13.66	-2.15	34.06	8.02	.28
88/12/16	00:10	12/16	02:15	65-09.8S	031-22.7	4737	-1.0	-3.0	11.0	12.91	-2.15	34.06	8.03	.28
88/12/16	00:15	12/16	02:20	65-10.6S	031-21.7	4751	-1.0	-3.0	11.0	12.83	-2.06	34.15	8.01	.28
88/12/16	00:20	12/16	02:25	65-11.3S	031-20.2	4752	-1.0	-3.0	11.4	12.83	-2.06	34.15	7.99	.28
88/12/16	00:25	12/16	02:30	65-14.8S	031-16.1	4746	-1.1	-3.0	10.1	13.06	-2.15	34.06	8.03	.28
88/12/16	00:30	12/16	02:35	65-15.6S	031-15.7	4658	-1.1	-3.0	8.5	13.06	-2.06	34.15	8.00	.28
88/12/16	00:35	12/16	02:40	65-16.3S	031-15.3	4762	-1.1	-3.0	10.9	15.31	-2.31	34.07	7.97	.28
88/12/16	00:40	12/16	02:44	65-17.2S	031-14.8	4747	-1.1	-3.0	10.9	13.36	-2.15	34.06	8.03	.28
88/12/16	00:45	12/16	02:49	65-18.8S	031-13.6	4736	-1.2	-3.0	13.0	13.06	-2.15	34.24	8.03	.28
88/12/16	00:50	12/16	02:54	65-19.9S	031-13.1	4731	-1.2	-3.0	13.0	13.06	-2.06	34.15	8.04	.28
88/12/16	00:55	12/16	02:59	65-20.9S	031-12.3	4710	-1.2	-3.0	13.0	13.13	-2.06	34.15	8.00	.28
88/12/16	01:00	12/16	03:04	65-21.7S	031-10.9	4709	-1.2	-3.0	13.0	13.13	-2.06	34.15	7.99	.28
88/12/16	01:05	12/16	03:09	65-22.6S	031-09.1	4371	-1.2	-3.0	13.0	13.51	-2.15	34.06	7.96	.28
88/12/16	01:10	12/16	03:14	65-23.4S	031-07.5	4700	-1.2	-3.0	13.0	14.26	-2.15	34.24	8.02	.28
88/12/16	01:15	12/16	03:19	65-24.2S	031-05.8	4805	-1.1	-3.0	13.0	13.36	-2.06	34.15	8.05	.28
88/12/16	01:20	12/16	03:24	65-26.3S	031-06.2	4790	-1.2	-3.0	13.0	13.13	-2.06	34.15	8.00	.28
88/12/16	01:25	12/16	03:29	65-27.2S	031-04.5	4727	-1.2	-3.0	12.3	13.06	-2.06	34.15	8.05	.27
88/12/16	01:30	12/16	03:34	65-27.9S	031-02.8	4702	-1.2	-3.0	11.9	12.98	-2.15	34.24	8.00	.27
88/12/16	01:35	12/16	03:39	65-28.6S	031-01.1	4515	-1.2	-3.0	11.9	13.21	-2.06	34.15	8.06	.27
88/12/16	01:40	12/16	03:43	65-29.2S	030-59.2	4025	-1.2	-3.0	11.9	14.18	-2.15	34.06	8.04	.28
88/12/16	01:45	12/16	03:48	65-29.9S	030-57.5	4300	-1.2	-3.0	11.9	14.03	-2.15	34.06	8.06	.27
88/12/16	01:50	12/16	03:53	65-31.0S	030-53.9	4727	-1.0	-3.0	11.9	13.13	-2.06	34.15	8.08	.27
88/12/16	01:55	12/16	03:58	65-31.4S	030-51.5	4729	-9	-3.0	12.9	13.13	-2.06	34.15	8.08	.27
88/12/16	02:00	12/16	04:03	65-32.3S	030-50.9	4722	-1.1	-3.0	12.9	13.13	-2.06	34.15	8.05	.27
88/12/16	02:05	12/16	04:08	65-33.6S	030-50.0	4707	-1.1	-3.0	12.9	13.13	-2.15	34.06	8.04	.27
88/12/16	02:10	12/16	04:13	65-34.6S	030-49.4	4703	-1.1	-3.0	12.9	13.21	-2.06	34.15	8.06	.27
88/12/16	02:15	12/16	04:18	65-35.6S	030-48.9	4685	-1.1	-3.0	12.1	13.43	-2.06	34.15	8.04	.27
88/12/16	02:20	12/16	04:23	65-36.6S	030-47.9	4668	-1.1	-3.0	12.9	13.13	-2.15	34.24	8.02	.26
88/12/16	02:25	12/16	04:28	65-37.4S	030-46.4	4649	-1.1	-3.0	13.0	13.13	-2.06	34.15	8.04	.27
88/12/16	02:30	12/16	04:32	65-39.1S	030-43.8	4700	-1.1	-3.0	11.0	13.21	-2.06	34.15	8.07	.26
88/12/16	02:35	12/16	04:37	65-40.0S	030-42.6	4671	-1.1	-3.0	11.9	15.31	-2.39	33.98	8.05	.27
88/12/16	02:40	12/16	04:42	65-40.8S	030-41.2	4841	-1.1	-3.0	11.9	13.28	-2.06	33.96	8.05	.26
88/12/16	02:45	12/16	04:47	65-41.7S	030-40.4	4675	-1.1	-3.0	12.2	13.43	-2.23	33.97	8.05	.27
88/12/16	02:50	12/16	04:52	65-42.6S	030-39.1	4625	-1.2	-3.0	12.2	13.13	-2.06	34.15	8.05	.26
88/12/16	02:55	12/16	04:57	65-43.4S	030-38.1	4609	-1.2	-3.0	11.7	13.66	-2.15	34.06	8.05	.27
88/12/16	03:00	12/16	05:02	65-44.3S	030-38.3	4592	-1.2	-3.0	12.1	13.06	-2.15	34.06	8.02	.26
88/12/16	03:05	12/16	05:07	65-45.4S	030-38.5	4500	-1.2	-3.0	12.1	13.13	-2.06	34.15	8.04	.26
88/12/16	03:10	12/16	05:12	65-46.3S	030-38.2	4565	-1.2	-3.0	12.1	13.13	-2.06	34.15	8.02	.26
88/12/16	03:15	12/16	05:17	65-47.3S	030-37.7	4467	-1.2	-3.0	12.1	13.13	-2.06	34.15	7.98	.26
88/12/16	03:20	12/16	05:22	65-48.2S	030-36.3	4650	-1.2	-3.0	12.1	13.13	-2.15	34.24	7.98	.26
88/12/16	03:25	12/16	05:27	65-48.9S	030-34.7	4759	-1.2	-3.0	12.1	13.13	-2.06	34.15	7.99	.26
88/12/16	03:30	12/16	05:32	65-49.3S	030-32.5	4508	-1.0	-3.0	12.1	13.13	-2.06	34.15	7.98	.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]
88/12/16	03:35	12/16	05:37	65-52.3S	030-30.2	4625	-1.1	-3.0	12.1	14.26	-2.31	34.07	8.03	.28
88/12/16	03:40	12/16	05:41	65-53.1S	030-29.1	4736	-1.2	-3.0	12.0	14.78	-2.31	34.07	8.12	.27
88/12/16	03:45	12/16	05:46	65-54.0S	030-28.1	4756	-1.2	-3.0	12.0	14.11	-2.15	34.06	8.09	.27
88/12/16	03:50	12/16	05:51	65-54.8S	030-26.8	4747	-1.2	-3.0	12.0	14.18	-2.15	34.06	8.09	.26
88/12/16	03:55	12/16	05:56	65-55.7S	030-22.8	4379	-1.2	-3.0	11.0	15.38	-2.55	33.81	8.40	.32
88/12/16	04:00	12/16	06:01	65-58.5S	030-22.0	4277	-1.2	-3.0	11.0	14.26	-2.23	33.97	8.12	.27
88/12/16	04:05	12/16	06:06	65-57.3S	030-22.9	4560	-1.2	-3.0	11.0	14.83	-2.31	34.07	8.12	.27
88/12/16	04:10	12/16	06:11	65-58.1S	030-23.5	4475	-1.2	-3.0	11.0	13.43	-2.15	34.06	8.08	.26
88/12/16	04:15	12/16	06:16	65-58.7S	030-25.1	4500	-1.2	-3.0	10.0	14.78	-2.39	33.98	8.13	.27
88/12/16	04:20	12/16	06:21	68-00.4S	030-25.4	4500	-1.2	-3.0	10.6	13.13	-2.06	34.15	8.10	.26
88/12/16	04:25	12/16	06:26	68-01.3S	030-25.9	4431	-1.2	-3.0	11.0	4.72	-1.74	34.13	6.82	.26
88/12/16	04:30	12/16	06:31	68-02.3S	030-26.9	4454	-1.2	-3.0	14.1	2.47	-1.58	34.12	6.53	.26
88/12/16	04:35	12/16	06:36	68-03.0S	030-24.1	4603	-9	-3.0	12.4	2.39	-1.42	33.94	6.60	.29
88/12/16	04:40	12/16	06:41	68-03.7S	030-22.5	4225	-1.0	-3.0	11.5	2.62	-1.66	33.69	6.57	.31
88/12/16	04:45	12/16	06:46	68-04.8S	030-21.5	4410	-1.1	-3.0	12.0	2.62	-1.74	33.61	7.27	.29
88/12/16	04:50	12/16	06:51	68-05.3S	030-19.9	4414	-1.1	-3.0	12.0	4.50	-2.06	33.62	8.54	.30
88/12/16	04:55	12/16	06:56	68-06.1S	030-18.7	4432	-1.1	-3.0	12.0	15.23	-1.68	34.12	8.55	.27
88/12/16	05:00	12/16	07:01	68-07.0S	030-18.1	4409	-1.0	-3.0	10.6	19.14	-2.83	33.90	8.03	.29
88/12/16	05:05	12/16	07:06	68-07.3S	030-16.1	4306	-7	-3.0	10.6	16.13	-2.31	34.07	8.00	.27
88/12/16	05:10	12/16	07:10	68-07.8S	030-14.5	4460	-9	-3.0	10.6	15.46	-2.39	34.16	8.09	.27
88/12/16	05:15	12/16	07:15	68-08.6S	030-13.4	4517	-9	-3.0	10.6	14.33	-2.15	34.06	8.10	.26
88/12/16	05:20	12/16	07:20	68-10.1S	030-10.3	4642	-9	-3.0	10.6	14.41	-2.23	34.15	8.08	.27
88/12/16	05:25	12/16	07:25	68-11.0S	030-09.5	4500	-1.0	-3.0	12.0	15.53	-2.47	34.08	8.23	.27
88/12/16	05:30	12/16	07:30	68-11.7S	030-08.0	4500	-1.0	-3.0	11.0	14.18	-2.23	34.15	8.10	.27
88/12/16	05:35	12/16	07:35	68-12.5S	030-06.7	4724	-1.0	-3.0	12.0	14.11	-2.23	34.15	8.07	.27
88/12/16	05:40	12/16	07:40	68-14.9S	030-05.9	4500	-1.0	-3.0	9.0	15.38	-2.31	34.07	8.15	.27
88/12/16	05:45	12/16	07:45	68-15.6S	030-06.4	4411	-9	-3.0	9.0	9.83	-2.39	33.98	7.81	.28
88/12/16	05:50	12/16	07:50	68-16.1S	030-04.1	4500	-8	-3.0	9.0	16.66	-2.39	33.98	8.33	.28
88/12/16	05:55	12/16	07:55	68-16.7S	030-02.7	4474	-7	-3.0	9.6	16.58	-2.53	33.90	8.29	.28
88/12/16	06:00	12/16	08:00	68-17.2S	030-01.3	4435	-8	-3.0	9.2	15.23	-2.31	34.07	8.37	.27
88/12/16	06:05	12/16	08:05	68-17.9S	030-00.1	4358	-8	-3.0	9.5	2.02	-1.66	34.04	8.90	.27
88/12/16	06:10	12/16	08:09	68-18.4S	029-58.6	4353	-7	-3.0	10.0	2.32	-1.66	34.04	6.67	.26
88/12/16	06:15	12/16	08:14	68-19.2S	029-57.5	4353	-8	-3.0	11.6	15.23	-1.74	33.95	8.71	.27
88/12/16	06:20	12/16	08:19	68-19.9S	029-56.0	4224	-8	-3.0	11.0	16.06	-2.15	34.24	8.05	.26
88/12/16	06:25	12/16	08:24	68-20.3S	029-54.0	4445	-8	-3.0	11.0	15.38	-2.15	34.24	8.01	.26
88/12/16	06:30	12/16	08:29	68-22.7S	029-47.3	4377	-8	-3.0	10.5	14.93	-2.15	34.24	8.03	.27
88/12/16	06:35	12/16	08:34	68-23.5S	029-46.2	4151	-9	-3.0	11.1	14.26	-2.23	34.15	8.00	.27
88/12/16	06:40	12/16	08:39	68-24.3S	029-45.0	4500	-1.0	-3.0	11.1	13.66	-2.15	34.24	8.01	.27
88/12/16	06:45	12/16	08:44	68-25.6S	029-46.7	4490	-1.0	-3.0	11.1	14.11	-2.15	34.24	8.04	.26
88/12/16	06:50	12/16	08:49	68-26.4S	029-45.8	4506	-1.0	-3.0	11.8	14.71	-2.47	34.08	8.17	.27
88/12/16	06:55	12/16	08:54	68-27.4S	029-45.5	4609	-1.0	-3.0	11.8	14.56	-2.15	34.06	8.10	.27
88/12/16	07:00	12/16	08:58	68-28.3S	029-44.7	4597	-1.0	-3.0	11.8	13.51	-2.15	34.24	8.06	.27
88/12/16	07:05	12/16	09:03	68-30.1S	029-40.3	4042	-1.0	-3.0	10.8	15.01	-2.39	34.16	8.09	.27
88/12/16	07:10	12/16	09:08	68-30.9S	029-39.4	4435	-1.0	-3.0	10.9	15.46	-2.31	34.07	8.12	.27
88/12/16	07:15	12/16	09:13	68-31.9S	029-38.9	4420	-1.0	-3.0	12.0	13.66	-2.06	34.15	8.07	.26
88/12/16	07:20	12/16	09:18	68-32.8S	029-38.4	4408	-1.0	-3.0	11.0	13.51	-2.06	34.15	8.05	.26
88/12/16	07:25	12/16	09:23	68-33.6S	029-37.3	4336	-1.0	-3.0	11.1	15.01	-2.39	33.98	8.03	.27
88/12/16	07:30	12/16	09:28	68-35.0S	029-35.3	4299	-9	-3.0	11.1	13.58	-2.06	34.15	8.04	.26
88/12/16	07:35	12/16	09:33	68-35.8S	029-34.1	3988	-9	-3.0	11.1	16.36	-2.31	34.07	8.03	.26
88/12/16	07:40	12/16	09:38	68-36.6S	029-33.1	4267	-8	-3.0	11.2	16.13	-2.39	34.16	8.06	.27
88/12/16	07:45	12/16	09:43	68-37.2S	029-31.4	4255	-7	-3.0	12.2	15.16	-2.31	34.24	8.10	.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]
88/12/16	07:50	12/16	09:48	66-37.9S	029-30.2	4268	-5	-3.0	12.4	16.66	-2.39	33.98	8.17	.28
88/12/16	07:55	12/16	09:53	66-40.0S	029-31.1	4244	-8	-3.0	11.7	15.31	-2.31	34.07	8.14	.27
88/12/16	08:00	12/16	09:58	66-41.0S	029-30.6	4235	-9	-3.0	11.8	14.41	-2.15	34.06	8.10	.26
88/12/16	08:05	12/16	10:03	66-41.9S	029-30.0	3848	-9	-3.0	12.1	13.73	-2.15	34.24	8.06	.26
88/12/16	08:10	12/16	10:07	66-42.9S	029-29.5	4213	-9	-3.0	12.1	13.58	-2.15	34.24	7.97	.26
88/12/16	08:15	12/16	10:12	66-43.9S	029-29.7	4204	-9	-3.0	12.1	13.51	-2.15	34.24	7.92	.26
88/12/16	08:20	12/16	10:17	66-44.8S	029-29.6	4198	-9	-3.0	12.0	13.81	-2.15	34.24	7.89	.26
88/12/16	08:25	12/16	10:22	66-45.7S	029-28.3	4194	-9	-3.0	12.1	13.36	-2.15	34.24	7.83	.26
88/12/16	08:30	12/16	10:27	66-46.6S	029-26.6	4192	-1.0	-3.0	13.7	13.51	-2.06	34.32	7.87	.26
88/12/16	08:35	12/16	10:32	66-47.7S	029-26.0	4194	-1.0	-3.0	13.0	13.58	-2.15	34.24	7.85	.26
88/12/16	08:40	12/16	10:37	66-48.4S	029-24.0	4195	-1.1	-3.0	13.0	14.56	-2.15	34.24	7.84	.26
88/12/16	08:45	12/16	10:42	66-49.1S	029-22.0	4191	-1.1	-3.0	14.0	14.26	-2.15	34.24	7.91	.26
88/12/16	08:50	12/16	10:47	66-50.2S	029-20.9	4188	-1.1	-3.0	13.8	13.66	-2.15	34.24	7.88	.26
88/12/16	08:55	12/16	10:52	66-53.0S	029-19.0	4173	-1.0	-3.0	13.9	7.27	-2.31	33.89	8.10	.30
88/12/16	09:00	12/16	10:57	66-54.0S	029-18.2	4161	-1.2	-3.0	13.9	16.74	-1.90	34.31	8.20	.26
88/12/16	09:05	12/16	11:02	66-54.6S	029-16.7	4167	-1.1	-3.0	10.7	15.76	-2.06	34.15	7.96	.26
88/12/16	09:10	12/16	11:07	66-55.4S	029-15.4	4154	-1.2	-3.0	10.3	16.01	-2.23	34.33	7.91	.26
88/12/16	09:15	12/16	11:11	66-55.6S	029-13.4	4156	-1.2	-3.0	10.8	14.03	-2.15	34.24	7.90	.26
88/12/16	09:20	12/16	11:16	66-56.6S	029-13.3	4140	-1.2	-3.0	11.0	13.58	-2.15	34.24	7.89	.25
88/12/16	09:25	12/16	11:21	66-57.4S	029-12.7	4134	-1.2	-3.0	11.3	13.66	-2.15	34.24	7.85	.26
88/12/16	09:30	12/16	11:26	66-58.3S	029-12.5	4126	-1.2	-3.0	9.6	13.43	-2.15	34.24	7.81	.26
88/12/16	09:35	12/16	11:31	66-59.2S	029-11.9	4129	-1.3	-3.0	11.2	13.21	-2.31	34.24	7.88	.26
88/12/16	09:40	12/16	11:36	66-59.9S	029-10.5	4146	-1.2	-3.0	11.1	13.36	-1.98	34.23	7.93	.26
88/12/16	09:45	12/16	11:41	67-02.9S	029-09.8	4178	-1.2	-3.0	11.1	12.38	-1.98	34.23	7.88	.25
88/12/16	09:50	12/16	11:46	67-03.7S	029-08.6	4181	-1.2	-3.0	11.0	13.66	-2.15	34.24	7.81	.26
88/12/16	09:55	12/16	11:51	67-04.6S	029-07.3	4179	-1.2	-3.0	12.2	13.13	-2.06	34.32	7.84	.25
88/12/16	10:00	12/16	11:56	67-05.6S	029-06.5	4174	-1.2	-3.0	12.3	13.13	-2.06	34.32	7.86	.26
88/12/16	10:05	12/16	12:01	67-06.4S	029-06.1	4172	-1.2	-3.0	10.5	13.21	-2.15	34.24	7.83	.25
88/12/16	10:10	12/16	12:06	67-06.7S	029-04.0	4174	-1.2	-3.0	10.6	13.21	-2.15	34.24	7.85	.26
88/12/16	10:15	12/16	12:11	67-07.0S	029-01.8	4172	-1.2	-3.0	10.6	13.13	-2.06	34.32	7.88	.25
88/12/16	10:20	12/16	12:16	67-10.1S	028-57.1	4081	-1.2	-3.0	10.6	13.13	-2.06	34.32	7.82	.25
88/12/16	10:25	12/16	12:20	67-10.6S	028-55.7	4186	-1.2	-3.0	10.6	7.27	-2.06	34.15	7.04	.27
88/12/16	10:30	12/16	12:25	67-11.6S	028-55.0	4148	-1.2	-3.0	10.6	15.98	-1.98	34.23	8.26	.26
88/12/16	10:35	12/16	12:30	67-12.4S	028-53.7	4128	-1.2	-3.0	10.6	13.58	-2.15	34.24	7.91	.25
88/12/16	10:40	12/16	12:35	67-12.6S	028-47.3	4112	-1.2	-3.0	10.6	14.93	-2.23	34.15	8.25	.26
88/12/16	10:45	12/16	12:40	67-13.3S	028-46.6	0	-1.2	-3.0	8.7	14.11	-2.06	34.32	7.96	.24
88/12/16	10:50	12/16	12:45	67-14.0S	028-45.8	4097	-1.2	-3.0	8.1	14.56	-2.39	33.98	7.71	.26
88/12/16	10:55	12/16	12:50	67-14.7S	028-45.2	4081	-1.1	-3.0	11.1	15.76	-2.47	33.89	8.27	.27
88/12/16	11:00	12/16	12:54	67-15.1S	028-43.4	4078	-1.2	-3.0	10.6	14.33	-2.15	34.24	7.59	.25
88/12/16	11:05	12/16	12:59	67-15.1S	028-41.0	4070	-1.1	-3.0	11.9	14.03	-2.06	34.15	7.46	.25
88/12/16	11:10	12/16	13:04	67-16.8S	028-40.9	4066	-1.1	-3.0	12.1	13.43	-1.90	34.14	7.41	.25
88/12/16	11:15	12/16	13:09	67-17.7S	028-40.7	4205	-1.1	-3.0	10.4	13.36	-1.98	34.23	7.33	.26
88/12/16	11:20	12/16	13:14	67-18.6S	028-40.0	4057	-1.1	-3.0	11.5	15.08	-2.31	34.24	7.74	.27
88/12/16	11:25	12/16	13:19	67-19.1S	028-38.9	3669	-1.1	-3.0	7.9	14.41	-2.06	34.15	7.42	.27
88/12/16	11:30	12/16	13:24	67-19.6S	028-37.5	4042	-1.0	-3.0	9.6	14.48	-2.15	34.24	7.51	.27
88/12/16	11:35	12/16	13:29	67-20.4S	028-32.6	4004	-1.1	-3.0	9.9	14.26	-2.15	34.24	7.40	.27
88/12/16	11:40	12/16	13:34	67-21.1S	028-32.6	4018	-1.1	-3.0	6.1	15.38	-2.31	34.24	7.47	.28
88/12/16	11:45	12/16	13:39	67-21.7S	028-32.5	4063	-1.2	-3.0	7.6	12.68	-2.23	34.15	7.36	.29
88/12/16	11:50	12/16	13:44	67-22.4S	028-31.7	3981	-1.2	-3.0	11.2	4.50	-1.98	33.88	7.02	.31
88/12/16	11:55	12/16	13:49	67-25.0S	028-32.9	3946	-1.2	-3.0	11.6	10.43	-2.39	33.98	7.54	.32
88/12/16	12:00	12/16	13:54	67-25.7S	028-31.6	3930	-1.2	-3.0	11.1	15.23	-1.98	34.23	7.26	.28

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]
88/12/16	12:05	12/16	13:59	67-26.6S	028-30.3	3909	-1.2	-3.0	11.7	14.33	-2.06	34.32	7.20	.29
88/12/16	12:10	12/16	14:03	67-27.4S	028-29.0	3902	-1.2	-3.0	10.4	14.33	-1.98	34.23	7.21	.30
88/12/16	12:15	12/16	14:08	67-29.2S	028-27.5	3897	-1.2	-3.0	9.6	14.41	-2.15	34.41	7.21	.30
88/12/16	12:20	12/16	14:13	67-29.9S	028-27.2	3895	-1.2	-3.0	10.1	2.82	-1.26	34.28	6.08	.29
88/12/16	12:25	12/16	14:18	67-30.6S	028-26.8	3910	-1.2	-3.0	10.9	2.47	-1.26	34.28	6.74	.29
88/12/16	12:30	12/16	14:23	67-31.4S	028-26.2	3926	-1.2	-3.0	11.0	2.39	-1.10	34.10	5.82	.31
88/12/16	12:35	12/18	14:28	67-32.2S	028-24.9	3603	-1.2	-3.0	10.4	12.53	-1.50	34.04	8.26	.32
88/12/16	12:40	12/18	14:33	67-32.9S	028-23.7	3903	-1.2	-3.0	11.2	14.41	-1.98	34.23	7.14	.31
88/12/16	12:45	12/18	14:38	67-33.7S	028-24.4	3898	-1.2	-3.0	11.2	14.48	-2.15	34.24	7.25	.32
88/12/16	12:50	12/16	14:43	67-34.6S	028-24.5	3907	-1.1	-3.0	11.3	14.56	-2.15	34.24	7.36	.33
88/12/16	12:55	12/18	14:48	67-35.2S	028-23.0	3900	-1.1	-3.0	9.3	15.31	-2.15	34.06	7.32	.38
88/12/16	13:00	12/16	14:53	67-36.8S	028-19.0	3908	-1.1	-3.0	8.5	14.11	-2.06	34.15	7.38	.33
88/12/16	13:05	12/16	14:58	67-37.4S	028-17.8	3897	-1.1	-3.0	10.7	14.78	-2.06	34.15	7.41	.34
88/12/16	13:10	12/16	15:03	67-37.9S	028-16.4	3879	-1.1	-3.0	10.7	14.26	-1.98	34.23	7.53	.34
88/12/16	13:15	12/16	15:08	67-38.6S	028-16.0	3868	-1.1	-3.0	9.8	14.56	-2.06	34.15	7.45	.34
88/12/16	13:20	12/16	15:13	67-39.7S	028-15.9	3857	-1.2	-3.0	10.0	14.26	-1.98	34.23	7.47	.34
88/12/16	13:25	12/16	15:18	67-40.3S	028-15.6	3854	-1.3	-3.0	9.2	14.56	-2.15	34.06	7.46	.34
88/12/16	13:30	12/16	15:23	67-41.0S	028-15.1	3570	-1.3	-3.0	9.0	14.56	-2.06	34.15	7.48	.35
88/12/16	13:35	12/16	15:27	67-41.8S	028-14.5	3854	-1.3	-3.0	10.1	15.76	-2.31	33.89	7.53	.35
88/12/16	13:40	12/16	15:32	67-42.5S	028-13.2	3900	-1.3	-3.0	11.2	14.78	-2.06	34.15	7.58	.35
88/12/16	13:45	12/16	15:37	67-43.3S	028-11.8	3820	-1.3	-3.0	11.2	14.48	-2.15	34.06	7.57	.36
88/12/16	13:50	12/16	15:42	67-44.2S	028-10.9	3809	-1.4	-3.0	11.2	14.18	-1.98	34.23	7.82	.35
88/12/16	13:55	12/16	15:47	67-45.0S	028-10.4	3723	-1.4	-3.0	10.5	10.73	-2.39	33.98	8.03	.40
88/12/16	14:00	12/16	15:52	67-45.8S	028-09.4	3804	-1.4	-3.0	11.0	15.38	-2.23	34.15	8.21	.34
88/12/16	14:05	12/18	15:57	67-46.6S	028-08.2	3794	-1.5	-3.0	11.0	14.28	-1.98	34.23	7.62	.34
88/12/16	14:10	12/16	16:02	67-47.2S	028-08.4	3785	-1.5	-3.0	10.2	14.58	-2.06	34.15	7.57	.34
88/12/16	14:15	12/16	16:07	67-48.0S	028-05.8	3754	-1.5	-3.0	10.8	15.31	-2.23	33.97	8.10	.37
88/12/16	14:20	12/16	16:12	67-52.5S	028-01.1	3779	-1.5	-3.0	11.0	14.78	-2.06	34.15	8.07	.38
88/12/16	14:25	12/16	16:16	67-53.3S	027-59.8	3765	-1.5	-3.0	11.4	14.26	-1.98	34.06	7.94	.36
88/12/16	14:30	12/16	16:21	67-54.2S	027-58.7	3757	-1.5	-3.0	12.3	14.26	-1.90	34.14	8.02	.36
88/12/16	14:35	12/16	16:26	67-55.1S	027-57.8	3747	-1.5	-3.0	11.8	14.41	-1.98	34.06	8.49	.37
88/12/16	14:40	12/16	16:31	67-56.0S	027-56.3	3753	-1.5	-3.0	11.7	14.26	-1.90	34.14	8.00	.37
88/12/16	14:45	12/16	16:36	67-56.6S	027-54.1	3750	-1.5	-3.0	12.5	14.26	-1.90	33.96	7.98	.38
88/12/16	14:50	12/18	16:41	67-58.8S	027-50.7	3753	-1.4	-3.0	12.5	14.86	-2.06	33.96	8.41	.37
88/12/16	14:55	12/16	16:46	67-59.0S	027-47.9	3782	-1.3	-3.0	12.7	14.26	-1.74	34.13	7.90	.35
88/12/16	15:00	12/16	16:51	67-59.3S	027-45.2	3772	-1.3	-3.0	12.7	14.26	-1.86	34.04	7.88	.34
88/12/16	15:05	12/16	16:56	67-59.8S	027-42.7	3785	-1.4	-3.0	12.5	14.28	-1.74	33.95	7.78	.35
88/12/16	15:10	12/18	17:00	68-00.5S	027-40.8	3787	-1.5	-3.0	12.5	14.26	-1.74	34.13	7.70	.35
88/12/16	15:15	12/16	17:05	68-01.0S	027-38.5	3756	-1.5	-3.0	12.5	14.26	-1.82	34.05	7.71	.35
88/12/16	15:20	12/16	17:10	68-01.4S	027-35.9	3771	-1.5	-3.0	12.5	14.26	-1.74	33.95	8.13	.40
88/12/16	15:25	12/16	17:15	68-01.9S	027-33.4	3788	-1.5	-3.0	12.5	14.28	-1.66	34.04	8.25	.39
88/12/16	15:30	12/16	17:20	68-02.3S	027-31.0	3786	-1.5	-3.0	12.5	14.26	-1.66	34.04	8.17	.39
88/12/16	15:35	12/18	17:24	68-03.1S	027-28.9	3788	-1.7	-3.0	12.5	14.26	-1.66	34.04	8.02	.37
88/12/16	15:40	12/16	17:29	68-03.7S	027-26.9	3779	-1.6	-3.0	12.5	14.26	-1.66	34.04	8.11	.39
88/12/16	15:45	12/16	17:34	68-04.4S	027-24.8	3803	-1.6	-3.0	12.7	14.26	-1.66	34.04	8.18	.41
88/12/16	15:50	12/16	17:39	68-06.1S	027-18.9	3784	-1.8	-3.0	12.8	14.26	-1.66	34.04	8.20	.42
88/12/16	15:55	12/18	17:44	68-07.0S	027-17.3	3797	-1.8	-3.0	12.8	12.53	-1.74	34.13	7.99	.40
88/12/16	18:00	12/16	17:49	68-07.9S	027-15.8	3810	-1.7	-3.0	12.5	12.31	-1.90	34.14	7.77	.40
88/12/16	18:05	12/16	17:53	68-08.7S	027-14.4	3835	-1.8	-3.0	12.5	12.31	-1.82	34.05	7.84	.39
88/12/16	18:10	12/16	17:58	68-10.5S	027-11.4	3837	-2.0	-3.0	12.5	12.23	-1.90	34.14	7.71	.38
88/12/16	18:15	12/18	18:03	68-11.5S	027-10.4	0	-2.0	-3.0	12.5	12.23	-1.82	34.05	7.75	.36

GMT		LMT		Lat	Long	Depth	Atemp	Wtemp	Speed	Flow	Wtemp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[1/m]	[°C]	[ppt]	[m/l]	[ug/l]
88/12/16	16:20	12/16	18:08	68-12.2S	027-09.4	3978	-2.0	-3.0	10.0	12.31	-1.90	34.14	7.80	.39
88/12/16	16:25	12/16	18:13	68-13.1S	027-09.6	3955	-2.0	-3.0	11.9	12.23	-1.82	34.05	7.79	.38
88/12/16	16:30	12/16	18:18	68-14.0S	027-08.5	3970	-2.0	-3.0	12.3	12.23	-1.66	34.04	7.86	.38
88/12/16	16:35	12/16	18:23	68-14.8S	027-07.0	4040	-2.0	-3.0	12.3	12.23	-1.74	34.13	7.77	.38
88/12/16	16:40	12/16	18:28	68-15.7S	027-05.3	3929	-2.0	-3.0	12.7	12.23	-1.74	34.13	7.66	.37
88/12/16	16:45	12/16	18:33	68-17.9S	027-03.6	3862	-2.0	-3.0	12.7	12.23	-1.74	34.13	7.75	.38
88/12/16	16:50	12/16	18:38	68-18.8S	027-02.4	3785	-2.0	-3.0	12.6	12.23	-1.74	34.13	7.76	.38
88/12/16	16:55	12/16	18:43	68-19.5S	027-01.0	3788	-2.0	-3.0	11.0	12.23	-1.82	34.05	8.08	.40
88/12/16	17:00	12/16	18:47	68-20.0S	026-58.9	3708	-2.0	-3.0	11.0	12.23	-1.50	34.04	8.27	.42
88/12/16	17:05	12/16	18:52	68-20.5S	026-57.1	3653	-2.0	-3.0	11.0	12.23	-1.50	34.04	8.28	.43
88/12/16	17:10	12/16	18:57	68-22.4S	026-55.4	3662	-2.0	-3.0	12.1	12.23	-1.50	34.04	8.14	.41
88/12/16	17:15	12/16	19:02	68-23.3S	026-54.7	3609	-2.0	-3.0	12.7	12.23	-1.50	34.04	8.10	.42
88/12/16	17:20	12/16	19:07	68-24.2S	026-52.9	3554	-2.1	-3.0	13.1	12.23	-1.58	33.94	8.00	.43
88/12/16	17:25	12/16	19:12	68-25.2S	026-51.7	3521	-2.1	-3.0	13.1	12.23	-1.66	34.04	8.04	.42
88/12/16	17:30	12/16	19:17	68-26.7S	026-48.0	3483	-2.1	-3.0	12.0	12.23	-1.50	34.04	8.09	.41
88/12/16	17:35	12/16	19:22	68-27.5S	026-46.4	3432	-2.1	-3.0	12.0	12.16	-1.42	34.12	8.24	.42
88/12/16	17:40	12/16	19:27	68-28.4S	026-45.2	3402	-2.1	-3.0	13.0	12.23	-1.34	34.03	8.20	.43
88/12/16	17:45	12/16	19:31	68-29.5S	026-43.6	3371	-2.1	-3.0	16.0	12.23	-1.50	34.04	8.20	.45
88/12/16	17:50	12/16	19:36	68-30.7S	026-42.7	3354	-2.1	-3.0	14.4	12.23	-1.50	34.04	8.22	.44
88/12/16	17:55	12/16	19:41	68-32.0S	026-42.0	3352	-2.1	-3.0	15.9	12.23	-1.50	34.04	8.12	.43
88/12/16	18:00	12/16	19:46	68-33.1S	026-42.1	3308	-2.1	-3.0	17.0	12.23	-1.58	34.12	7.95	.42
88/12/16	18:05	12/16	19:51	68-35.8S	026-41.6	3277	-2.1	-3.0	17.0	12.23	-1.58	33.94	8.00	.44
88/12/16	18:10	12/16	19:56	68-37.1S	026-41.2	3267	-2.1	-3.0	15.8	12.23	-1.74	34.13	7.91	.44
88/12/16	18:15	12/16	20:01	68-38.4S	026-40.5	3230	-2.1	-3.0	15.1	12.23	-1.90	34.14	7.76	.44
88/12/16	18:20	12/16	20:06	68-39.6S	026-40.1	3209	-2.1	-3.0	15.1	12.31	-1.90	33.96	7.80	.46
88/12/16	18:25	12/16	20:11	68-40.8S	026-39.1	3223	-2.1	-3.0	15.1	12.31	-1.82	34.05	8.10	.49
88/12/16	18:30	12/16	20:16	68-41.9S	026-38.2	3232	-2.1	-3.0	11.0	12.31	-1.50	34.04	8.22	.47
88/12/16	18:35	12/16	20:21	68-43.1S	026-37.4	3248	-2.1	-3.0	8.2	5.40	-1.18	34.02	7.49	.47
88/12/16	18:40	12/16	20:26	68-44.0S	026-37.1	3220	-2.1	-3.0	11.0	5.62	-1.34	34.03	8.05	.48
88/12/16	18:45	12/16	20:31	68-44.9S	026-36.7	3229	-2.1	-3.0	13.0	2.92	-1.10	33.41	7.30	.49
88/12/16	18:50	12/16	20:36	68-46.0S	026-37.2	3202	-2.1	-3.0	13.0	10.05	-1.82	33.70	8.41	.53
88/12/16	18:55	12/16	20:41	68-46.7S	026-35.2	3234	-2.1	-3.0	13.0	12.38	-1.42	33.94	8.31	.49
88/12/16	19:00	12/16	20:45	68-48.7S	026-29.8	3305	-2.1	-3.0	14.0	12.46	-1.50	34.04	8.20	.50
88/12/16	19:05	12/16	20:50	68-49.6S	026-27.7	3338	-2.1	-3.0	14.1	12.46	-1.42	34.12	8.20	.46
88/12/16	19:10	12/16	20:55	68-50.2S	026-25.0	3356	-2.1	-3.0	14.1	12.46	-1.42	33.94	8.71	.53
88/12/16	19:15	12/16	21:00	68-50.6S	026-22.0	3431	-2.1	-3.0	14.1	12.38	-1.34	33.85	9.05	.50
88/12/16	19:20	12/16	21:05	68-51.0S	026-18.9	3504	-2.1	-3.0	14.1	12.46	-1.26	33.93	9.00	.52
88/12/16	19:25	12/16	21:10	68-51.4S	026-15.9	3593	-2.1	-3.0	14.1	12.46	-1.26	33.76	8.93	.50
88/12/16	19:30	12/16	21:14	68-51.8S	026-12.9	3608	-1.9	-3.0	14.0	12.46	-1.34	33.85	8.87	.49
88/12/16	19:35	12/16	21:19	68-52.4S	025-10.0	3591	-1.9	-3.0	14.1	12.46	-1.26	33.93	8.93	.50
88/12/16	19:40	12/16	21:24	68-53.2S	026-07.7	3578	-1.9	-3.0	14.0	12.38	-1.26	33.93	8.93	.47
88/12/16	19:45	12/16	21:29	68-53.8S	026-05.0	3571	-1.9	-3.0	14.0	12.46	-1.18	33.84	8.95	.46
88/12/16	19:50	12/16	21:34	68-54.4S	026-02.4	3559	-1.9	-3.0	14.0	12.46	-1.26	33.76	8.93	.45
88/12/16	19:55	12/16	21:38	68-57.6S	025-59.1	3497	-1.9	-3.0	14.1	12.46	-1.10	33.75	9.07	.47
88/12/16	20:00	12/16	21:43	68-58.4S	025-58.0	3364	-1.8	-3.0	14.0	12.45	-1.18	33.84	8.94	.48
88/12/16	20:05	12/16	21:48	68-59.8S	025-56.8	3321	-1.8	-3.0	14.1	12.46	-1.26	33.93	8.90	.50
88/12/16	20:10	12/16	21:53	69-00.8S	025-55.6	3209	-1.8	-3.0	14.1	12.46	-1.18	33.84	8.87	.47
88/12/16	20:15	12/16	21:58	69-01.8S	025-53.9	3073	-1.8	-3.0	10.9	12.46	-1.26	33.93	9.07	.53
88/12/16	20:20	12/16	22:03	69-02.4S	025-52.9	2975	-1.7	-3.0	10.1	12.46	-1.18	33.84	8.93	.47
88/12/16	20:25	12/16	22:08	69-03.1S	025-52.1	2859	-1.7	-3.0	12.0	12.46	-1.26	33.93	8.91	.48
88/12/16	20:30	12/16	22:13	69-04.3S	025-50.8	2876	-1.8	-3.0	13.0	12.46	-1.26	33.93	8.93	.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]
88/12/16	20:35	12/16	22:18	69-05.3S	025-49.7	2867	-1.8	-3.0	12.5	12.46	-1.18	33.84	9.09	.49
88/12/16	20:40	12/16	22:23	69-06.2S	025-48.3	2840	-1.8	-3.0	12.5	12.53	-1.26	33.93	8.75	.49
88/12/16	20:45	12/16	22:28	69-07.1S	025-46.7	2901	-1.8	-3.0	12.7	12.46	-1.42	33.94	8.25	.48
88/12/16	20:50	12/16	22:32	69-09.9S	025-40.6	2862	-1.8	-3.0	12.7	12.46	-1.50	33.86	9.04	.52
88/12/16	20:55	12/16	22:37	69-10.6S	025-39.4	2890	-1.8	-3.0	12.7	12.53	-1.42	33.94	9.02	.49
88/12/16	21:00	12/16	22:42	69-11.4S	025-37.4	2913	-1.8	-3.0	12.7	12.53	-1.26	33.76	9.14	.52
88/12/16	21:05	12/16	22:47	69-12.2S	025-35.5	2884	-1.8	-3.0	12.7	12.46	-1.26	33.93	9.11	.51
88/12/16	21:10	12/16	22:52	69-13.5S	025-32.6	2820	-1.8	-3.0	12.7	12.53	-1.34	33.85	9.12	.52
88/12/16	21:15	12/16	22:57	69-14.3S	025-31.2	2730	-1.8	-3.0	12.7	12.46	-1.34	33.85	9.00	.47
88/12/16	21:20	12/16	23:01	69-15.2S	025-29.5	2654	-1.8	-3.0	12.7	12.53	-1.42	33.77	8.97	.48
88/12/16	21:25	12/16	23:06	69-15.9S	025-27.2	2699	-1.7	-3.0	12.7	12.53	-1.50	33.86	8.90	.49
88/12/16	21:30	12/16	23:11	69-16.7S	025-24.6	2718	-1.7	-3.0	12.7	12.46	-1.58	33.77	8.88	.50
88/12/16	21:35	12/16	23:16	69-17.6S	025-22.7	2744	-1.7	-3.0	12.7	12.53	-1.66	33.86	8.86	.50
88/12/16	21:40	12/16	23:21	69-18.4S	025-21.1	2789	-1.7	-3.0	12.7	12.53	-1.58	33.77	8.92	.49
88/12/16	21:45	12/16	23:26	69-19.2S	025-20.0	2808	-1.0	-3.0	12.7	12.53	-1.50	33.86	9.02	.49
88/12/16	21:50	12/16	23:31	69-21.9S	025-19.0	2812	-1.8	-3.0	12.7	12.53	-1.50	33.86	9.00	.54
88/12/16	21:55	12/16	23:36	69-22.9S	025-17.6	2851	-1.9	-3.0	12.7	12.53	-1.58	33.77	8.83	.53
88/12/16	22:00	12/16	23:41	69-23.5S	025-16.0	2880	-2.0	-3.0	12.7	12.46	-1.58	33.77	8.90	.52
88/12/16	22:05	12/16	23:45	69-24.4S	025-14.8	2896	-2.1	-3.0	12.7	12.53	-1.34	33.85	9.12	.50
88/12/16	22:10	12/16	23:50	69-25.6S	025-13.2	2977	-2.1	-3.0	12.7	12.46	-1.50	33.86	8.82	.50
88/12/16	22:15	12/16	23:55	69-26.9S	025-09.2	3122	-2.2	-3.0	11.7	12.53	-1.58	33.77	8.93	.50
88/12/16	22:20	12/17	00:00	69-27.8S	025-08.8	3077	-2.3	-3.0	11.7	12.53	-1.50	33.86	8.95	.50
88/12/16	22:25	12/17	00:05	69-28.8S	025-08.2	2940	-2.4	-3.0	11.7	12.53	-1.26	33.93	9.03	.48
88/12/16	22:30	12/17	00:10	69-29.8S	025-07.8	2956	-2.5	-3.0	12.0	12.53	-1.26	33.93	9.09	.50
88/12/16	22:35	12/17	00:15	69-30.7S	025-08.5	2924	-2.5	-3.0	11.9	12.53	-1.34	33.85	9.03	.50
88/12/16	22:40	12/17	00:20	69-32.2S	025-07.0	2893	-2.5	-3.0	12.0	12.46	-1.26	33.93	9.06	.49
88/12/16	22:45	12/17	00:25	69-33.1S	025-05.6	3011	-2.6	-3.0	12.0	12.53	-1.18	33.84	9.18	.51
88/12/16	22:50	12/17	00:30	69-33.9S	025-04.1	3017	-2.6	-3.0	12.0	12.53	-1.18	34.02	9.05	.49
88/12/16	22:55	12/17	00:35	69-35.3S	025-04.1	3008	-2.5	-3.0	12.0	12.53	-1.34	34.03	9.05	.53
88/12/16	23:00	12/17	00:40	69-36.3S	025-03.2	2835	-2.5	-3.0	12.0	12.53	-1.34	33.85	8.81	.50
88/12/16	23:05	12/17	00:45	69-37.3S	025-02.9	2883	-2.5	-3.0	12.0	12.53	-1.42	33.94	8.97	.53
88/12/16	23:10	12/17	00:50	69-38.1S	025-01.4	2627	-2.5	-3.0	12.0	12.53	-1.42	33.94	8.97	.51
88/12/16	23:15	12/17	00:55	69-39.1S	025-00.7	2686	-2.4	-3.0	12.0	12.53	-1.42	33.94	8.70	.49
88/12/16	23:20	12/17	01:00	69-40.0S	025-00.5	2730	-2.3	-3.0	12.0	12.53	-1.34	33.85	9.07	.53
88/12/16	23:25	12/17	01:05	69-40.9S	025-00.1	2709	-2.3	-3.0	12.0	12.53	-1.18	34.02	9.14	.52
88/12/16	23:30	12/17	01:09	69-41.9S	024-59.6	2521	-2.4	-3.0	12.0	12.53	-1.42	33.94	9.02	.54
88/12/16	23:35	12/17	01:14	69-42.8S	024-58.9	2615	-2.4	-3.0	12.0	12.53	-1.50	34.04	8.84	.51
88/12/16	23:40	12/17	01:20	69-45.6S	025-00.4	2469	-2.4	-3.0	12.0	12.53	-1.26	33.93	8.99	.50
88/12/16	23:45	12/17	01:24	69-46.4S	024-59.0	2607	-2.4	-3.0	12.0	12.53	-1.42	33.94	8.69	.48
88/12/16	23:50	12/17	01:29	69-47.3S	024-58.0	2549	-2.4	-3.0	12.0	12.53	-1.50	33.86	8.68	.49
88/12/16	23:55	12/17	01:34	69-48.0S	024-55.9	2518	-2.4	-3.0	12.0	12.53	-1.18	33.84	8.90	.48
88/12/17	00:00	12/17	01:39	69-48.5S	024-53.3	2544	-2.3	-3.0	12.0	12.53	-1.42	33.94	8.66	.48
88/12/17	00:05	12/17	01:44	69-49.8S	024-47.5	2422	-2.5	-3.0	12.0	12.53	-1.26	33.93	9.18	.53
88/12/17	00:10	12/17	01:48	69-50.2S	024-44.9	2532	-2.5	-3.0	12.0	12.53	-1.01	34.01	9.21	.48
88/12/17	00:15	12/17	01:53	69-50.7S	024-42.2	2413	-2.4	-3.0	12.5	12.53	-1.18	34.02	9.07	.50
88/12/17	00:20	12/17	01:58	69-51.2S	024-39.6	2455	-2.4	-3.0	12.5	12.53	-1.10	33.92	9.03	.49
88/12/17	00:25	12/17	02:03	69-51.8S	024-34.9	2404	-2.4	-3.0	13.6	12.53	-.93	33.91	9.31	.48
88/12/17	00:30	12/17	02:08	69-52.3S	024-32.0	2332	-1.9	-3.0	13.4	12.53	-1.01	33.83	9.12	.49
88/12/17	00:35	12/17	02:12	69-52.7S	024-29.2	2353	-2.0	-3.0	12.0	12.53	-1.01	33.83	9.45	.50
88/12/17	00:40	12/17	02:17	69-53.2S	024-26.4	2319	-1.4	-3.0	13.0	12.53	-1.01	33.83	9.42	.51
88/12/17	00:45	12/17	02:22	69-54.0S	024-23.4	2397	-2.0	-3.0	13.0	12.53	-1.10	33.92	9.28	.53

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]
88/12/17	00:50	12/17	02:27	69-54.7S	024-22.2	2292	-2.1	-3.0	13.0	12.53	-1.18	33.84	9.23	.60
88/12/17	00:55	12/17	02:32	69-55.7S	024-21.7	2288	-2.3	-3.0	13.1	12.53	-1.26	33.93	9.15	.48
88/12/17	01:00	12/17	02:37	69-56.7S	024-20.3	2193	-2.3	-3.0	10.9	12.53	-1.26	33.76	8.99	.45
88/12/17	01:05	12/17	02:42	69-57.5S	024-19.3	2119	-2.3	-3.0	10.9	12.53	-1.26	33.93	8.93	.49
88/12/17	01:10	12/17	02:47	69-58.4S	024-18.7	2012	-2.4	-3.0	10.9	12.53	-1.26	33.93	9.14	.48
88/12/17	01:15	12/17	02:52	69-59.2S	024-17.5	1987	-2.5	-3.0	10.4	12.53	-1.26	33.93	9.07	.47
88/12/17	01:20	12/17	02:57	70-00.0S	024-16.6	1943	-2.5	-3.0	11.9	12.53	-1.10	33.92	9.44	.48
88/12/17	01:25	12/17	03:01	70-03.0S	024-11.9	1674	-2.5	-3.0	12.5	12.53	-1.10	33.92	9.31	.47
88/12/17	01:30	12/17	03:06	70-03.8S	024-13.0	1459	-2.6	-3.0	10.8	12.53	-1.18	33.84	9.35	.47
88/12/17	01:35	12/17	03:11	70-04.7S	024-11.6	1221	-2.6	-3.0	12.4	12.53	-1.26	33.93	9.14	.47
88/12/17	01:40	12/17	03:16	70-05.6S	024-09.9	972	-2.6	-3.0	12.2	12.53	-1.18	33.84	9.14	.46
88/12/17	01:45	12/17	03:21	70-06.2S	024-07.8	891	-2.6	-3.0	12.2	12.53	-1.01	33.83	9.24	.46
88/12/17	01:50	12/17	03:26	70-07.6S	024-06.7	448	-2.5	-3.0	12.4	12.53	-1.01	34.01	9.34	.46
88/12/17	01:55	12/17	03:31	70-08.3S	024-04.7	296	-2.5	-3.0	12.5	12.53	-.93	33.91	9.38	.46
88/12/17	02:00	12/17	03:36	70-09.2S	024-02.8	243	-2.5	-3.0	12.5	12.53	-1.01	33.83	9.25	.47
88/12/17	02:05	12/17	03:41	70-10.1S	024-00.5	219	-2.5	-3.0	12.5	12.53	-1.10	33.92	9.14	.47
88/12/17	02:10	12/17	03:45	70-11.3S	023-56.9	201	-2.5	-3.0	9.1	12.53	-1.42	33.94	8.75	.43
88/12/17	02:15	12/17	03:50	70-11.8S	023-55.8	260	-3.0	-3.0	4.9	9.98	-1.26	33.76	8.39	.43
88/12/17	02:20	12/17	03:55	70-12.1S	023-55.1	230	-3.7	-3.0	4.8	5.55	-1.26	33.76	8.24	.46
88/12/17	02:25	12/17	04:00	70-12.6S	023-54.7	0	-3.8	-3.0	0.0	3.15	-1.01	33.32	7.36	.51
88/12/17	02:30	12/17	04:05	70-12.6S	023-54.7	0	-3.9	-3.0	0.0	1.57	-.60	33.23	6.82	.48
88/12/17	02:35	12/17	04:10	70-12.6S	023-54.7	0	-3.8	-3.0	0.0	.82	-.20	33.29	6.79	.45
88/12/17	02:40	12/17	04:15	70-12.6S	023-54.7	0	-3.5	-3.0	0.0	.82	.69	32.85	6.95	.41
88/12/17	02:45	12/17	04:20	70-12.7S	023-54.7	0	-3.2	-3.0	1.9	.89	1.75	32.88	8.00	.39
88/12/17	02:50	12/17	04:25	70-12.8S	023-54.5	0	-3.0	-3.0	0.0	.89	1.91	33.51	7.81	.37
88/12/17	02:55	12/17	04:30	70-13.0S	023-54.2	0	-3.0	-3.0	.8	.97	3.12	33.94	8.89	.36
88/12/17	03:00	12/17	04:35	70-13.0S	023-54.2	219	-2.9	-3.0	6.5	.97	3.94	33.58	8.27	.35
88/12/17	03:05	12/17	04:40	70-13.1S	023-54.1	0	-3.9	-3.0	0.0	.89	4.91	33.20	8.50	.34
88/12/17	03:10	12/17	04:45	70-13.1S	023-54.1	0	-2.9	-3.0	0.0	.97	5.64	33.07	9.09	.34
88/12/17	03:15	12/17	04:50	70-13.1S	023-55.0	210	-2.9	-3.0	0.0	.97	5.40	33.30	8.35	.35
88/12/17	03:20	12/17	04:55	70-13.1S	023-55.0	210	-2.9	-3.0	0.0	.97	5.56	33.29	8.90	.33
88/12/17	03:25	12/17	05:00	70-13.1S	023-55.0	210	-2.9	-3.0	0.0	1.04	5.32	33.38	9.48	.34
88/12/17	03:30	12/17	05:05	70-13.1S	023-55.0	210	-2.9	-3.0	0.0	1.27	3.70	33.67	8.55	.38
88/12/17	03:35	12/17	05:10	70-13.3S	023-54.5	210	-2.9	-3.0	0.0	1.57	1.75	33.35	8.13	.41
88/12/17	03:40	12/17	05:15	70-13.3S	023-54.5	210	-3.0	-3.0	0.0	1.79	1.10	33.08	7.53	.42
88/12/17	03:45	12/17	05:20	70-13.3S	023-54.5	210	-3.0	-3.0	0.0	1.94	1.26	32.90	8.58	.43
88/12/17	03:50	12/17	05:25	70-13.3S	023-54.5	210	-3.0	-3.0	0.0	1.87	1.91	32.72	10.11	.39
88/12/17	03:55	12/17	05:30	70-14.2S	023-54.2	210	-3.0	-3.0	0.0	1.27	2.64	32.61	10.09	.37
88/12/17	04:00	12/17	05:35	70-14.2S	023-54.2	210	-3.1	-3.0	0.0	1.72	2.24	32.39	8.34	.36
88/12/17	04:05	12/17	05:40	70-14.2S	023-54.2	210	-3.0	-3.0	0.0	3.15	.77	32.28	8.74	.37
88/12/17	04:10	12/17	05:45	70-14.2S	023-54.2	210	-3.0	-3.0	0.0	7.20	-.76	31.72	7.96	.49
88/12/17	04:15	12/17	05:50	70-14.2S	023-54.2	210	-3.1	-3.0	0.0	13.51	-1.42	33.94	7.01	.38
88/12/17	04:20	12/17	05:55	70-14.2S	023-54.2	210	-3.0	-3.0	0.0	13.51	-1.98	33.88	7.15	.39
88/12/17	04:25	12/17	06:00	70-14.2S	023-54.2	10	-3.0	-3.0	0.0	13.51	-2.06	33.96	7.34	.40
88/12/17	04:30	12/17	06:05	70-14.2S	023-54.2	10	-3.0	-3.0	0.0	13.43	-2.06	33.96	7.43	.41
88/12/17	04:35	12/17	06:10	70-14.2S	023-54.2	10	-2.9	-3.0	0.0	13.51	-2.06	33.96	7.34	.41
88/12/17	04:40	12/17	06:15	70-14.2S	023-54.2	10	-2.9	-3.0	0.0	13.58	-2.15	34.06	7.46	.42
88/12/17	04:45	12/17	06:20	70-14.2S	023-54.2	10	-2.9	-3.0	0.0	13.58	-2.15	34.06	7.54	.42
88/12/17	04:50	12/17	06:25	70-14.2S	023-54.2	10	-3.0	-3.0	0.0	13.66	-2.15	34.06	7.65	.42
88/12/17	04:55	12/17	06:30	70-14.2S	023-54.2	10	-2.9	-3.0	0.0	13.58	-2.06	33.96	7.70	.42
88/12/17	05:00	12/17	06:35	70-13.3S	023-54.6	10	-2.9	-3.0	0.0	13.43	-2.06	33.96	7.72	.42



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]
88/12/17	05:05	12/17	06:40	70-13.3S	023-54.6	10	-2.7	-3.0	0.0	14.56	-2.06	34.15	7.79	.42
88/12/17	05:10	12/17	06:45	70-13.3S	023-54.6	10	-2.6	-3.0	0.0	12.68	-2.06	34.15	7.75	.42
88/12/17	05:15	12/17	06:50	70-13.3S	023-54.6	10	-2.6	-3.0	0.0	12.91	-2.06	33.96	7.71	.42
88/12/17	05:20	12/17	06:55	70-13.3S	023-54.6	10	-2.6	-3.0	0.0	12.91	-2.06	33.96	7.70	.42
88/12/17	05:25	12/17	07:00	70-13.3S	023-54.6	10	-2.6	-3.0	0.0	12.91	-2.06	33.96	7.68	.43
88/12/17	05:30	12/17	07:05	70-13.3S	023-54.6	10	-2.5	-3.0	0.0	12.98	-2.06	33.96	8.09	.43
88/12/17	05:35	12/17	07:10	70-13.3S	023-54.6	10	-2.6	-3.0	0.0	12.98	-2.15	33.88	8.09	.44
88/12/17	05:40	12/17	07:15	70-13.3S	023-54.6	10	-2.4	-3.0	0.0	12.98	-2.15	33.88	8.05	.44
88/12/17	05:45	12/17	07:20	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	12.98	-2.15	33.88	8.07	.44
88/12/17	05:50	12/17	07:25	70-13.3S	023-54.5	10	-2.1	-3.0	0.0	12.98	-2.06	33.96	8.04	.44
88/12/17	05:55	12/17	07:30	70-13.3S	023-54.5	10	-2.0	-3.0	0.0	12.98	-2.06	33.96	7.97	.43
88/12/17	06:00	12/17	07:35	70-13.3S	023-54.3	10	-2.0	-3.0	0.0	12.98	-2.06	33.96	7.95	.43
88/12/17	06:05	12/17	07:40	70-13.3S	023-54.3	10	-2.1	-3.0	0.0	13.06	-2.06	33.96	7.86	.43
88/12/17	06:10	12/17	07:45	70-13.3S	023-54.3	10	-2.1	-3.0	0.0	13.06	-2.06	33.96	7.83	.43
88/12/17	06:15	12/17	07:50	70-13.3S	023-54.3	10	-2.2	-3.0	0.0	13.06	-2.06	33.96	7.86	.43
88/12/17	06:20	12/17	07:55	70-13.3S	023-54.3	10	-2.4	-3.0	0.0	13.06	-2.06	33.96	7.96	.44
88/12/17	06:25	12/17	08:00	70-13.3S	023-54.3	10	-2.4	-3.0	0.0	13.13	-2.06	33.96	8.01	.43
88/12/17	06:30	12/17	08:05	70-13.3S	023-54.3	10	-2.3	-3.0	0.0	13.13	-2.06	33.96	8.24	.43
88/12/17	06:35	12/17	08:10	70-13.3S	023-54.3	10	-2.3	-3.0	0.0	13.13	-2.15	33.88	8.29	.43
88/12/17	06:40	12/17	08:15	70-13.3S	023-54.3	10	-2.3	-3.0	0.0	13.13	-2.15	33.88	8.28	.43
88/12/17	06:45	12/17	08:20	70-13.3S	023-54.6	10	-2.0	-3.0	0.0	13.13	-2.15	33.88	8.26	.43
88/12/17	06:50	12/17	08:25	70-13.3S	023-54.6	10	-1.8	-3.0	0.0	13.13	-2.06	33.79	8.12	.43
88/12/17	06:55	12/17	08:30	70-13.3S	023-54.6	10	-1.7	-3.0	0.0	13.13	-2.15	33.88	8.22	.44
88/12/17	07:00	12/17	08:35	70-13.3S	023-54.6	10	-1.7	-3.0	0.0	13.13	-2.15	33.88	8.24	.44
88/12/17	07:05	12/17	08:40	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.13	-2.15	33.88	8.26	.44
88/12/17	07:10	12/17	08:45	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.13	-2.15	34.06	8.09	.44
88/12/17	07:15	12/17	08:50	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.13	-2.06	33.79	8.18	.44
88/12/17	07:20	12/17	08:55	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.21	-2.06	33.79	8.27	.44
88/12/17	07:25	12/17	09:00	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.21	-2.15	33.88	8.33	.43
88/12/17	07:30	12/17	09:05	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.21	-2.15	33.88	8.33	.43
88/12/17	07:35	12/17	09:10	70-13.3S	023-54.5	10	-1.8	-3.0	0.0	13.21	-2.15	33.88	8.28	.44
88/12/17	07:40	12/17	09:15	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.21	-2.15	33.88	8.15	.44
88/12/17	07:45	12/17	09:20	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.21	-2.06	33.79	8.15	.44
88/12/17	07:50	12/17	09:25	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.21	-2.15	33.88	8.13	.44
88/12/17	07:55	12/17	09:30	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.21	-2.15	34.06	8.07	.44
88/12/17	08:00	12/17	09:35	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.28	-2.15	33.88	8.22	.44
88/12/17	08:05	12/17	09:40	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.28	-2.15	34.06	8.07	.44
88/12/17	08:10	12/17	09:45	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.28	-2.15	33.88	8.27	.44
88/12/17	08:15	12/17	09:50	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	13.28	-2.15	33.88	8.26	.44
88/12/17	08:20	12/17	09:55	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	13.28	-2.15	33.88	8.10	.44
88/12/17	08:25	12/17	10:00	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.28	-2.06	33.79	8.07	.44
88/12/17	08:30	12/17	10:05	70-13.3S	023-54.5	10	-1.3	-3.0	0.0	13.28	-2.15	33.88	8.29	.44
88/12/17	08:35	12/17	10:10	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	13.36	-2.15	33.88	8.28	.44
88/12/17	08:40	12/17	10:15	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	13.36	-2.15	33.88	8.29	.44
88/12/17	08:45	12/17	10:20	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	13.36	-2.15	33.88	8.19	.44
88/12/17	08:50	12/17	10:25	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	13.36	-2.06	33.96	8.09	.44
88/12/17	08:55	12/17	10:30	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.36	-2.06	33.79	8.21	.44
88/12/17	09:00	12/17	10:35	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.36	-2.15	33.88	8.17	.44
88/12/17	09:05	12/17	10:40	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.36	-2.15	33.88	8.27	.44
88/12/17	09:10	12/17	10:45	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.36	-2.15	33.88	8.25	.44
88/12/17	09:15	12/17	10:50	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.36	-2.15	34.06	8.00	.44

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]
88/12/17	09:20	12/17	10:55	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.43	-2.15	33.88	8.21	.44
88/12/17	09:25	12/17	11:00	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.43	-2.15	34.06	8.05	.44
88/12/17	09:30	12/17	11:05	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.43	-2.15	34.06	8.05	.44
88/12/17	09:35	12/17	11:10	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.43	-2.15	33.88	8.10	.44
88/12/17	09:40	12/17	11:15	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.43	-2.15	33.88	8.13	.44
88/12/17	09:45	12/17	11:20	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.43	-2.15	33.88	8.10	.45
88/12/17	09:50	12/17	11:25	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.43	-2.15	33.88	8.12	.45
88/12/17	09:55	12/17	11:30	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.43	-2.15	33.88	8.33	.44
88/12/17	10:00	12/17	11:35	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.43	-2.15	33.88	8.26	.44
88/12/17	10:05	12/17	11:40	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.43	-2.15	34.06	8.10	.45
88/12/17	10:10	12/17	11:45	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.43	-2.15	34.06	8.06	.45
88/12/17	10:15	12/17	11:50	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.51	-2.06	33.96	8.04	.45
88/12/17	10:20	12/17	11:55	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.51	-2.15	33.88	8.28	.44
88/12/17	10:25	12/17	12:00	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.51	-2.15	33.88	8.26	.45
88/12/17	10:30	12/17	12:05	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.51	-2.15	33.71	8.31	.44
88/12/17	10:35	12/17	12:10	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.43	-2.15	33.71	8.36	.44
88/12/17	10:40	12/17	12:15	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.51	-2.15	33.88	8.24	.45
88/12/17	10:45	12/17	12:20	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.51	-2.06	33.96	8.14	.45
88/12/17	10:50	12/17	12:25	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.51	-2.06	33.96	8.11	.45
88/12/17	10:55	12/17	12:30	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.51	-2.06	33.79	8.27	.45
88/12/17	11:00	12/17	12:35	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.51	-2.06	33.79	8.21	.45
88/12/17	11:05	12/17	12:40	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.51	-2.15	33.88	8.32	.45
88/12/17	11:10	12/17	12:45	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	13.51	-2.06	33.96	8.00	.46
88/12/17	11:15	12/17	12:50	70-13.3S	023-54.6	10	-1.6	-3.0	0.0	13.51	-2.15	34.06	8.00	.45
88/12/17	11:20	12/17	12:55	70-13.3S	023-54.6	10	-1.5	-3.0	0.0	13.51	-2.15	33.88	8.40	.45
88/12/17	11:25	12/17	13:00	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	13.51	-2.15	33.88	8.44	.45
88/12/17	11:30	12/17	13:05	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	13.51	-2.06	33.79	8.42	.46
88/12/17	11:35	12/17	13:10	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	13.51	-2.06	33.79	8.43	.45
88/12/17	11:40	12/17	13:15	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	13.51	-2.06	33.79	8.41	.46
88/12/17	11:45	12/17	13:20	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	13.51	-2.06	33.79	8.31	.46
88/12/17	11:50	12/17	13:25	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	13.51	-2.06	33.79	8.19	.46
88/12/17	11:55	12/17	13:30	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	13.51	-2.06	33.79	8.16	.46
88/12/17	12:00	12/17	13:35	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	13.51	-2.06	33.79	8.22	.46
88/12/17	12:05	12/17	13:40	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	13.51	-2.15	33.88	8.33	.45
88/12/17	12:10	12/17	13:45	70-13.3S	023-54.6	10	-1.5	-3.0	0.0	13.51	-2.06	33.79	8.34	.46
88/12/17	12:15	12/17	13:50	70-13.3S	023-54.6	10	-1.5	-3.0	0.0	13.51	-2.06	33.79	8.21	.46
88/12/17	12:20	12/17	13:55	70-13.3S	023-54.6	10	-1.5	-3.0	0.0	13.51	-2.06	33.96	8.26	.46
88/12/17	12:25	12/17	14:00	70-13.3S	023-54.6	10	-1.5	-3.0	0.0	13.51	-2.06	33.96	8.29	.46
88/12/17	12:30	12/17	14:05	70-13.3S	023-54.6	10	-1.5	-3.0	0.0	13.58	-2.06	33.96	8.31	.46
88/12/17	12:35	12/17	14:10	70-13.3S	023-54.6	10	-1.5	-3.0	0.0	13.58	-2.06	33.79	8.32	.45
88/12/17	12:40	12/17	14:15	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	13.58	-2.06	33.79	8.29	.46
88/12/17	12:45	12/17	14:20	70-13.3S	023-54.6	10	-1.5	-3.0	0.0	13.58	-2.06	33.79	8.33	.46
88/12/17	12:50	12/17	14:25	70-13.3S	023-54.6	10	-1.5	-3.0	0.0	13.88	-2.15	33.88	8.33	.46
88/12/17	12:55	12/17	14:30	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	14.11	-2.06	33.79	8.36	.46
88/12/17	13:00	12/17	14:35	70-13.3S	023-54.6	10	-1.4	-3.0	0.0	14.41	-2.06	33.79	8.44	.46
88/12/17	13:05	12/17	14:40	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.33	-2.06	33.79	8.50	.46
88/12/17	13:10	12/17	14:45	70-13.3S	023-54.5	10	-1.3	-3.0	0.0	12.91	-1.98	33.88	8.43	.46
88/12/17	13:15	12/17	14:50	70-13.3S	023-54.5	10	-1.3	-3.0	0.0	12.83	-2.06	33.79	8.41	.45
88/12/17	13:20	12/17	14:55	70-13.3S	023-54.5	10	-1.3	-3.0	0.0	12.83	-2.06	33.79	8.38	.45
88/12/17	13:25	12/17	15:00	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	12.91	-2.06	33.79	8.37	.46
88/12/17	13:30	12/17	15:05	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	12.83	-2.06	33.79	8.41	.46

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)
88/12/17	13:35	12/17	15:10	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.03	-2.06	33.79	8.45	.46
88/12/17	13:40	12/17	15:15	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.78	-2.06	33.79	8.50	.46
88/12/17	13:45	12/17	15:20	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	13.73	-2.06	33.79	8.50	.45
88/12/17	13:50	12/17	15:25	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	13.81	-2.06	33.79	8.52	.45
88/12/17	13:55	12/17	15:30	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.48	-2.06	33.79	8.55	.45
88/12/17	14:00	12/17	15:35	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.86	-2.06	33.79	8.60	.45
88/12/17	14:05	12/17	15:40	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.86	-2.06	33.79	8.57	.45
88/12/17	14:10	12/17	15:45	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.86	-2.06	33.79	8.51	.45
88/12/17	14:15	12/17	15:50	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	14.86	-2.06	33.79	8.44	.45
88/12/17	14:20	12/17	15:55	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	14.86	-2.06	33.79	8.40	.45
88/12/17	14:25	12/17	16:00	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.51	-2.06	33.79	8.35	.45
88/12/17	14:30	12/17	16:05	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	14.33	-2.06	33.79	8.40	.45
88/12/17	14:35	12/17	16:10	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	14.86	-2.15	33.88	8.41	.46
88/12/17	14:40	12/17	16:15	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	14.71	-2.06	33.79	8.42	.46
88/12/17	14:45	12/17	16:20	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	13.51	-2.06	33.79	8.42	.46
88/12/17	14:50	12/17	16:25	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	13.88	-2.06	33.79	8.41	.46
88/12/17	14:55	12/17	16:30	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	13.28	-2.06	33.79	8.43	.46
88/12/17	15:00	12/17	16:35	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	13.96	-2.06	33.79	8.45	.46
88/12/17	15:05	12/17	16:40	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.86	-2.06	33.96	8.48	.46
88/12/17	15:10	12/17	16:45	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.86	-2.06	33.96	8.49	.46
88/12/17	15:15	12/17	16:50	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.86	-2.06	33.96	8.46	.46
88/12/17	15:20	12/17	16:55	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.78	-1.98	33.88	8.48	.46
88/12/17	15:25	12/17	17:00	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	13.28	-1.98	33.88	8.44	.46
88/12/17	15:30	12/17	17:05	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	14.41	-1.98	33.88	8.46	.47
88/12/17	15:35	12/17	17:10	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	14.93	-1.98	33.88	8.51	.47
88/12/17	15:40	12/17	17:15	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	14.86	-1.98	33.88	8.49	.47
88/12/17	15:45	12/17	17:20	70-13.2S	023-54.5	10	-1.5	-3.0	0.0	14.93	-1.98	33.88	8.48	.47
88/12/17	15:50	12/17	17:25	70-13.2S	023-54.5	10	-1.5	-3.0	0.0	14.86	-1.98	33.88	8.48	.46
88/12/17	15:55	12/17	17:30	70-13.2S	023-54.5	10	-1.5	-3.0	0.0	14.86	-1.98	33.88	8.47	.47
88/12/17	16:00	12/17	17:35	70-13.2S	023-54.5	10	-1.6	-3.0	0.0	14.86	-1.98	33.88	8.49	.47
88/12/17	16:05	12/17	17:40	70-13.2S	023-54.5	10	-1.6	-3.0	0.0	14.86	-1.98	33.88	8.52	.47
88/12/17	16:10	12/17	17:45	70-13.2S	023-54.5	10	-1.6	-3.0	0.0	14.86	-1.98	33.88	8.53	.47
88/12/17	16:15	12/17	17:50	70-13.2S	023-54.5	10	-1.6	-3.0	0.0	14.86	-1.90	33.79	8.53	.47
88/12/17	16:20	12/17	17:55	70-13.2S	023-54.5	10	-1.7	-3.0	0.0	14.86	-1.90	33.79	8.53	.47
88/12/17	16:25	12/17	18:00	70-13.2S	023-54.5	10	-1.7	-3.0	0.0	14.86	-1.90	33.96	8.50	.47
88/12/17	16:30	12/17	18:05	70-13.2S	023-54.5	10	-1.7	-3.0	0.0	14.86	-1.90	33.79	8.41	.47
88/12/17	16:35	12/17	18:10	70-13.2S	023-54.5	10	-1.7	-3.0	0.0	14.86	-1.90	33.79	8.31	.47
88/12/17	16:40	12/17	18:15	70-13.2S	023-54.5	10	-1.7	-3.0	0.0	14.86	-1.90	33.79	8.26	.47
88/12/17	16:45	12/17	18:20	70-13.2S	023-54.5	10	-1.8	-3.0	0.0	14.86	-1.90	33.79	8.22	.47
88/12/17	16:50	12/17	18:25	70-13.3S	023-54.6	10	-1.8	-3.0	0.0	14.86	-1.98	33.88	8.21	.47
88/12/17	16:55	12/17	18:30	70-13.3S	023-54.6	10	-1.8	-3.0	0.0	14.86	-1.98	33.88	8.22	.47
88/12/17	17:00	12/17	18:35	70-13.3S	023-54.6	10	-1.8	-3.0	0.0	14.86	-1.98	33.88	8.26	.47
88/12/17	17:05	12/17	18:40	70-13.3S	023-54.6	10	-1.9	-3.0	0.0	14.86	-1.98	33.88	8.29	.47
88/12/17	17:10	12/17	18:45	70-13.3S	023-54.6	10	-1.9	-3.0	0.0	14.86	-1.98	33.88	8.31	.47
88/12/17	17:15	12/17	18:50	70-13.3S	023-54.6	10	-1.9	-3.0	0.0	14.86	-1.98	33.88	8.31	.47
88/12/17	17:20	12/17	18:55	70-13.3S	023-54.6	10	-1.9	-3.0	0.0	14.86	-1.98	33.88	8.31	.47
88/12/17	17:25	12/17	19:00	70-13.3S	023-54.6	10	-1.9	-3.0	0.0	14.86	-1.98	33.88	8.28	.47
88/12/17	17:30	12/17	19:05	70-13.3S	023-54.5	10	-1.9	-3.0	0.0	14.86	-1.98	33.88	8.25	.47
88/12/17	17:35	12/17	19:10	70-13.3S	023-54.5	10	-1.9	-3.0	0.0	14.86	-1.98	33.88	8.22	.47
88/12/17	17:40	12/17	19:15	70-13.3S	023-54.5	10	-1.9	-3.0	0.0	14.86	-1.98	33.88	8.19	.47
88/12/17	17:45	12/17	19:20	70-13.3S	023-54.5	10	-1.9	-3.0	0.0	14.86	-1.98	33.88	8.19	.47

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]
88/12/17	17:50	12/17	19:25	70-13.3S	023-54.5	10	-2.0	-3.0	0.0	14.93	-1.98	33.88	8.22	.47
88/12/17	17:55	12/17	19:30	70-13.3S	023-54.5	10	-2.0	-3.0	0.0	14.86	-1.98	33.88	8.24	.47
88/12/17	18:00	12/17	19:35	70-13.3S	023-54.5	10	-2.0	-3.0	0.0	14.83	-1.98	33.88	8.26	.47
88/12/17	18:05	12/17	19:40	70-13.3S	023-54.5	10	-2.0	-3.0	0.0	14.86	-1.98	33.88	8.25	.47
88/12/17	18:10	12/17	19:45	70-13.3S	023-54.5	10	-2.1	-3.0	0.0	14.86	-1.98	33.88	8.24	.47
88/12/17	18:15	12/17	19:50	70-13.3S	023-54.5	10	-2.1	-3.0	0.0	14.93	-1.98	33.88	8.19	.47
88/12/17	18:20	12/17	19:55	70-13.3S	023-54.5	10	-2.2	-3.0	0.0	14.86	-1.98	33.88	8.18	.47
88/12/17	18:25	12/17	20:00	70-13.3S	023-54.5	10	-2.2	-3.0	0.0	14.86	-1.98	33.88	8.15	.47
88/12/17	18:30	12/17	20:05	70-13.3S	023-54.5	10	-2.2	-3.0	0.0	14.86	-2.06	33.96	8.17	.47
88/12/17	18:35	12/17	20:10	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	14.86	-1.98	33.88	8.17	.47
88/12/17	18:40	12/17	20:15	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	14.86	-1.98	33.88	8.19	.47
88/12/17	18:45	12/17	20:20	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	14.86	-1.98	33.88	8.22	.47
88/12/17	18:50	12/17	20:25	70-13.3S	023-54.5	10	-2.4	-3.0	0.0	14.93	-1.98	33.88	8.21	.47
88/12/17	18:55	12/17	20:30	70-13.3S	023-54.5	10	-2.5	-3.0	0.0	14.86	-1.98	33.88	8.19	.46
88/12/17	19:00	12/17	20:35	70-13.3S	023-54.5	10	-2.5	-3.0	0.0	14.86	-1.98	33.88	8.17	.47
88/12/17	19:05	12/17	20:40	70-13.3S	023-54.5	10	-2.6	-3.0	0.0	14.86	-1.98	33.88	8.14	.47
88/12/17	19:10	12/17	20:45	70-13.3S	023-54.5	10	-2.6	-3.0	0.0	14.86	-1.98	33.88	8.15	.47
88/12/17	19:15	12/17	20:50	70-13.3S	023-54.5	10	-2.6	-3.0	0.0	14.86	-1.98	33.88	8.17	.47
88/12/17	19:20	12/17	20:55	70-13.3S	023-54.5	10	-2.7	-3.0	0.0	14.86	-1.98	33.88	8.19	.47
88/12/17	19:25	12/17	21:00	70-13.3S	023-54.5	10	-2.7	-3.0	0.0	14.86	-1.98	33.88	8.21	.47
88/12/17	19:30	12/17	21:05	70-13.3S	023-54.5	10	-2.7	-3.0	0.0	14.86	-1.98	33.88	8.22	.47
88/12/17	19:35	12/17	21:10	70-13.3S	023-54.5	10	-2.7	-3.0	0.0	14.86	-1.90	33.79	8.23	.47
88/12/17	19:40	12/17	21:15	70-13.3S	023-54.5	10	-2.7	-3.0	0.0	14.86	-1.90	33.79	8.20	.47
88/12/17	19:45	12/17	21:20	70-13.3S	023-54.5	10	-2.7	-3.0	0.0	14.86	-1.90	33.79	8.19	.48
88/12/17	19:50	12/17	21:25	70-13.3S	023-54.5	10	-2.7	-3.0	0.0	14.86	-1.90	33.79	8.19	.47
88/12/17	19:55	12/17	21:30	70-13.3S	023-54.4	10	-2.7	-3.0	0.0	14.86	-1.90	33.79	8.19	.48
88/12/17	20:00	12/17	21:35	70-13.3S	023-54.4	10	-2.5	-3.0	0.0	14.86	-1.90	33.79	8.19	.47
88/12/17	20:05	12/17	21:40	70-13.3S	023-54.4	10	-2.5	-3.0	0.0	14.86	-1.90	33.79	8.22	.48
88/12/17	20:10	12/17	21:45	70-13.3S	023-54.4	10	-2.5	-3.0	0.0	14.86	-1.90	33.96	8.29	.48
88/12/17	20:15	12/17	21:50	70-13.3S	023-54.4	10	-2.5	-3.0	0.0	14.86	-1.82	33.87	8.31	.48
88/12/17	20:20	12/17	21:55	70-13.3S	023-54.4	10	-2.6	-3.0	0.0	14.86	-1.90	33.96	8.23	.47
88/12/17	20:25	12/17	22:00	70-13.3S	023-54.4	10	-2.6	-3.0	0.0	14.86	-1.82	33.87	8.27	.48
88/12/17	20:30	12/17	22:05	70-13.3S	023-54.4	10	-2.8	-3.0	0.0	14.86	-1.82	33.87	8.26	.48
88/12/17	20:35	12/17	22:10	70-13.3S	023-54.4	10	-2.8	-3.0	0.0	14.93	-1.90	33.96	8.19	.48
88/12/17	20:40	12/17	22:15	70-13.3S	023-54.4	10	-2.8	-3.0	0.0	14.86	-1.90	33.96	8.19	.47
88/12/17	20:45	12/17	22:20	70-13.3S	023-54.4	10	-2.9	-3.0	0.0	14.93	-1.90	33.79	8.18	.47
88/12/17	20:50	12/17	22:25	70-13.3S	023-54.4	10	-2.9	-3.0	0.0	14.93	-1.90	33.79	8.21	.47
88/12/17	20:55	12/17	22:30	70-13.3S	023-54.4	10	-3.1	-3.0	0.0	14.86	-1.90	33.79	8.22	.47
88/12/17	21:00	12/17	22:35	70-13.3S	023-54.4	10	-3.1	-3.0	0.0	14.93	-1.90	33.96	8.26	.47
88/12/17	21:05	12/17	22:40	70-13.3S	023-54.5	10	-3.2	-3.0	0.0	14.93	-1.82	33.87	8.28	.48
88/12/17	21:10	12/17	22:45	70-13.3S	023-54.5	10	-3.3	-3.0	0.0	14.93	-1.82	33.87	8.26	.48
88/12/17	21:15	12/17	22:50	70-13.3S	023-54.5	10	-3.3	-3.0	0.0	14.86	-1.90	33.96	8.21	.48
88/12/17	21:20	12/17	22:55	70-13.3S	023-54.5	10	-3.3	-3.0	0.0	14.93	-1.90	33.96	8.19	.48
88/12/17	21:25	12/17	23:00	70-13.3S	023-54.6	10	-3.4	-3.0	0.0	14.86	-1.90	33.79	8.21	.47
88/12/17	21:30	12/17	23:05	70-13.3S	023-54.6	10	-3.4	-3.0	0.0	14.86	-1.90	33.96	8.22	.48
88/12/17	21:35	12/17	23:10	70-13.3S	023-54.6	10	-3.5	-3.0	0.0	14.93	-1.90	33.96	8.29	.47
88/12/17	21:40	12/17	23:15	70-13.3S	023-54.6	10	-3.5	-3.0	0.0	14.93	-1.82	33.87	8.37	.48
88/12/17	21:45	12/17	23:20	70-13.3S	023-54.6	10	-3.5	-3.0	0.0	14.93	-1.82	33.87	8.33	.47
88/12/17	21:50	12/17	23:25	70-13.3S	023-54.6	10	-3.5	-3.0	0.0	14.93	-1.82	33.87	8.28	.46
88/12/17	21:55	12/17	23:30	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.90	33.79	8.20	.47
88/12/17	22:00	12/17	23:35	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.90	33.79	8.19	.47

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]
88/12/17	22:05	12/17	23:40	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.90	33.96	8.22	.47
88/12/17	22:10	12/17	23:45	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.90	33.79	8.19	.47
88/12/17	22:15	12/17	23:50	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.90	33.79	8.19	.47
88/12/17	22:20	12/17	23:55	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.90	33.79	8.22	.46
88/12/17	22:25	12/18	00:00	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.98	33.88	8.23	.46
88/12/17	22:30	12/18	00:05	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.86	-1.90	33.79	8.24	.47
88/12/17	22:35	12/18	00:10	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.86	-1.90	33.79	8.24	.46
88/12/17	22:40	12/18	00:15	70-13.3S	023-54.6	10	-3.7	-3.0	0.0	14.86	-1.90	33.79	8.24	.46
88/12/17	22:45	12/18	00:20	70-13.3S	023-54.6	10	-3.8	-3.0	0.0	14.93	-1.98	33.88	8.23	.46
88/12/17	22:50	12/18	00:25	70-13.3S	023-54.6	10	-3.8	-3.0	0.0	14.93	-1.98	33.88	8.26	.47
88/12/17	22:55	12/18	00:30	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.98	33.88	8.29	.46
88/12/17	23:00	12/18	00:35	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.98	33.88	8.30	.46
88/12/17	23:05	12/18	00:40	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.98	33.88	8.30	.46
88/12/17	23:10	12/18	00:45	70-13.3S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.90	33.79	8.33	.46
88/12/17	23:15	12/18	00:50	70-13.3S	023-54.5	10	-3.6	-3.0	0.0	14.93	-1.90	33.96	8.31	.46
88/12/17	23:20	12/18	00:55	70-13.3S	023-54.5	10	-3.6	-3.0	0.0	14.93	-1.90	33.96	8.32	.47
88/12/17	23:25	12/18	01:00	70-13.3S	023-54.5	10	-3.6	-3.0	0.0	14.93	-1.90	33.96	8.31	.46
88/12/17	23:30	12/18	01:05	70-13.3S	023-54.5	10	-3.6	-3.0	0.0	14.93	-1.90	33.79	8.29	.46
88/12/17	23:35	12/18	01:10	70-13.2S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.90	33.96	8.33	.46
88/12/17	23:40	12/18	01:15	70-13.2S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.90	33.96	8.35	.46
88/12/17	23:45	12/18	01:20	70-13.2S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.90	33.96	8.36	.47
88/12/17	23:50	12/18	01:25	70-13.2S	023-54.6	10	-3.6	-3.0	0.0	14.93	-1.82	33.87	8.40	.47
88/12/17	23:55	12/18	01:30	70-13.2S	023-54.6	10	-3.7	-3.0	0.0	14.93	-1.82	33.87	8.40	.47
88/12/18	00:00	12/18	01:35	70-13.2S	023-54.6	10	-3.7	-3.0	0.0	14.93	-1.82	33.87	8.33	.46
88/12/18	00:05	12/18	01:40	70-13.2S	023-54.6	10	-3.7	-3.0	0.0	14.93	-1.90	33.96	8.31	.46
88/12/18	00:10	12/18	01:45	70-13.2S	023-54.6	10	-3.7	-3.0	0.0	14.93	-1.82	33.87	8.33	.46
88/12/18	00:15	12/18	01:50	70-13.2S	023-54.6	10	-3.7	-3.0	0.0	14.93	-1.74	33.95	8.43	.46
88/12/18	00:20	12/18	01:55	70-13.2S	023-54.6	10	-3.7	-3.0	0.0	14.93	-1.74	33.95	8.46	.46
88/12/18	00:25	12/18	02:00	70-13.2S	023-54.6	10	-3.8	-3.0	0.0	14.93	-1.74	33.95	8.52	.46
88/12/18	00:30	12/18	02:05	70-13.2S	023-54.6	10	-3.8	-3.0	0.0	14.93	-1.66	33.86	8.54	.46
88/12/18	00:35	12/18	02:10	70-13.2S	023-54.6	10	-3.8	-3.0	0.0	14.93	-1.66	33.86	8.57	.46
88/12/18	00:40	12/18	02:15	70-13.2S	023-54.6	10	-3.8	-3.0	0.0	14.93	-1.66	33.86	8.57	.46
88/12/18	00:45	12/18	02:20	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.66	33.86	8.52	.45
88/12/18	00:50	12/18	02:25	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.66	33.86	8.50	.45
88/12/18	00:55	12/18	02:30	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.66	33.86	8.55	.45
88/12/18	01:00	12/18	02:35	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.58	33.94	8.52	.45
88/12/18	01:05	12/18	02:40	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.66	33.86	8.54	.45
88/12/18	01:10	12/18	02:45	70-13.3S	023-54.5	10	-3.0	-3.0	0.0	14.93	-1.58	33.94	8.57	.46
88/12/18	01:15	12/18	02:50	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.58	33.94	8.64	.46
88/12/18	01:20	12/18	02:55	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.58	33.94	8.64	.46
88/12/18	01:25	12/18	03:00	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.58	33.94	8.63	.45
88/12/18	01:30	12/18	03:05	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.58	33.94	8.62	.45
88/12/18	01:35	12/18	03:10	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.50	33.86	8.66	.45
88/12/18	01:40	12/18	03:15	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.58	33.94	8.64	.45
88/12/18	01:45	12/18	03:20	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.58	33.77	8.61	.45
88/12/18	01:50	12/18	03:25	70-13.3S	023-54.5	10	-3.8	-3.0	0.0	14.93	-1.58	33.94	8.64	.44
88/12/18	01:55	12/18	03:30	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.58	33.94	8.69	.45
88/12/18	02:00	12/18	03:35	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.58	33.94	8.70	.45
88/12/18	02:05	12/18	03:40	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.58	33.94	8.69	.45
88/12/18	02:10	12/18	03:45	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.50	33.86	8.73	.45
88/12/18	02:15	12/18	03:50	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	15.01	-1.50	33.86	8.71	.45

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]
88/12/18	02:20	12/18	03:55	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	15.01	-1.58	33.94	8.66	.44
88/12/18	02:25	12/18	04:00	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	15.01	-1.58	33.94	8.65	.45
88/12/18	02:30	12/18	04:05	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	15.01	-1.50	33.86	8.68	.45
88/12/18	02:35	12/18	04:10	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.50	33.86	8.68	.45
88/12/18	02:40	12/18	04:15	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.50	33.86	8.67	.46
88/12/18	02:45	12/18	04:20	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.50	33.86	8.71	.47
88/12/18	02:50	12/18	04:25	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.50	33.86	8.73	.46
88/12/18	02:55	12/18	04:30	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.42	33.94	8.76	.47
88/12/18	03:00	12/18	04:35	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.42	33.94	8.78	.48
88/12/18	03:05	12/18	04:40	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.42	33.94	8.78	.47
88/12/18	03:10	12/18	04:45	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.42	33.94	8.76	.48
88/12/18	03:15	12/18	04:50	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.42	33.94	8.74	.48
88/12/18	03:20	12/18	04:55	70-13.3S	023-54.5	10	-3.7	-3.0	0.0	14.93	-1.42	33.94	8.74	.48
88/12/18	03:25	12/18	05:00	70-13.3S	023-54.5	10	-3.6	-3.0	0.0	13.06	-1.42	33.94	8.71	.48
88/12/18	03:30	12/18	05:05	70-13.3S	023-54.5	10	-3.6	-3.0	0.0	12.68	-1.42	33.94	8.71	.49
88/12/18	03:35	12/18	05:10	70-13.3S	023-54.5	10	-3.6	-3.0	0.0	12.83	-1.42	33.94	8.71	.48
88/12/18	03:40	12/18	05:15	70-13.3S	023-54.5	10	-3.5	-3.0	0.0	12.91	-1.42	33.94	8.70	.49
88/12/18	03:45	12/18	05:20	70-13.3S	023-54.5	10	-3.5	-3.0	0.0	12.91	-1.42	33.94	8.71	.49
88/12/18	03:50	12/18	05:25	70-13.3S	023-54.5	10	-3.5	-3.0	0.0	12.98	-1.42	33.94	8.69	.49
88/12/18	03:55	12/18	05:30	70-13.3S	023-54.5	10	-3.5	-3.0	0.0	12.98	-1.42	33.94	8.66	.49
88/12/18	04:00	12/18	05:35	70-13.3S	023-54.5	10	-3.4	-3.0	0.0	12.98	-1.42	33.94	8.66	.49
88/12/18	04:05	12/18	05:40	70-13.3S	023-54.5	10	-3.4	-3.0	0.0	12.98	-1.42	33.94	8.63	.49
88/12/18	04:10	12/18	05:45	70-13.3S	023-54.5	10	-3.3	-3.0	0.0	12.98	-1.42	33.94	8.61	.49
88/12/18	04:15	12/18	05:50	70-13.3S	023-54.5	10	-3.3	-3.0	0.0	12.98	-1.42	33.94	8.60	.49
88/12/18	04:20	12/18	05:55	70-13.3S	023-54.5	10	-3.3	-3.0	0.0	12.98	-1.42	33.77	8.60	.49
88/12/18	04:25	12/18	06:00	70-13.3S	023-54.5	10	-3.2	-3.0	0.0	13.06	-1.42	33.77	8.62	.49
88/12/18	04:30	12/18	06:05	70-13.3S	023-54.5	10	-3.0	-3.0	0.0	12.98	-1.42	33.77	8.66	.49
88/12/18	04:35	12/18	06:10	70-13.3S	023-54.5	10	-3.0	-3.0	0.0	12.98	-1.42	33.77	8.64	.49
88/12/18	04:40	12/18	06:15	70-13.3S	023-54.5	10	-3.0	-3.0	0.0	13.06	-1.42	33.77	8.63	.49
88/12/18	04:45	12/18	06:20	70-13.3S	023-54.5	10	-3.0	-3.0	0.0	13.06	-1.42	33.77	8.62	.49
88/12/18	04:50	12/18	06:25	70-13.3S	023-54.5	10	-3.0	-3.0	0.0	13.06	-1.50	33.86	8.61	.49
88/12/18	04:55	12/18	06:30	70-13.3S	023-54.5	10	-3.0	-3.0	0.0	13.06	-1.50	33.86	8.60	.49
88/12/18	05:00	12/18	06:35	70-13.3S	023-54.5	10	-2.9	-3.0	0.0	13.06	-1.50	33.86	8.57	.49
88/12/18	05:05	12/18	06:40	70-13.3S	023-54.5	10	-2.8	-3.0	0.0	13.06	-1.50	33.86	8.56	.49
88/12/18	05:10	12/18	06:45	70-13.3S	023-54.5	10	-2.7	-3.0	0.0	13.06	-1.50	33.86	8.56	.49
88/12/18	05:15	12/18	06:50	70-13.3S	023-54.5	10	-2.7	-3.0	0.0	13.06	-1.50	33.86	8.58	.49
88/12/18	05:20	12/18	06:55	70-13.3S	023-54.5	10	-2.6	-3.0	0.0	13.21	-1.50	33.86	8.55	.48
88/12/18	05:25	12/18	07:00	70-13.3S	023-54.5	10	-2.5	-3.0	0.0	13.21	-1.50	33.86	8.55	.48
88/12/18	05:30	12/18	07:05	70-13.3S	023-54.5	10	-2.4	-3.0	0.0	13.21	-1.50	33.86	8.51	.48
88/12/18	05:35	12/18	07:10	70-13.3S	023-54.5	10	-2.4	-3.0	0.0	13.21	-1.58	33.94	8.47	.48
88/12/18	05:40	12/18	07:15	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.21	-1.58	33.94	8.43	.48
88/12/18	05:45	12/18	07:20	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.21	-1.58	33.94	8.41	.48
88/12/18	05:50	12/18	07:25	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.21	-1.58	33.77	8.35	.48
88/12/18	05:55	12/18	07:30	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.21	-1.66	33.86	8.35	.48
88/12/18	06:00	12/18	07:35	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.21	-1.66	33.86	8.36	.48
88/12/18	06:05	12/18	07:40	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.21	-1.66	33.86	8.41	.48
88/12/18	06:10	12/18	07:45	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.21	-1.66	33.86	8.40	.48
88/12/18	06:15	12/18	07:50	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.36	-1.66	33.86	8.38	.47
88/12/18	06:20	12/18	07:55	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.36	-1.66	33.86	8.35	.47
88/12/18	06:25	12/18	08:00	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.36	-1.66	33.86	8.33	.47
88/12/18	06:30	12/18	08:05	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.36	-1.74	33.95	8.29	.48

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											
88/12/18	06:35	12/18	08:10	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.36	-1.74	33.95	8.29	.48
88/12/18	06:40	12/18	08:15	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.36	-1.74	33.95	8.29	.48
88/12/18	06:45	12/18	08:20	70-13.3S	023-54.5	10	-2.3	-3.0	0.0	13.43	-1.74	33.95	8.31	.48
88/12/18	06:50	12/18	08:25	70-13.3S	023-54.5	10	-2.2	-3.0	0.0	13.36	-1.74	33.95	8.33	.48
88/12/18	06:55	12/18	08:30	70-13.3S	023-54.5	10	-2.0	-3.0	0.0	13.36	-1.74	33.95	8.35	.48
88/12/18	07:00	12/18	08:35	70-13.3S	023-54.5	10	-2.0	-3.0	0.0	13.43	-1.66	33.86	8.36	.48
88/12/18	07:05	12/18	08:40	70-13.3S	023-54.5	10	-1.9	-3.0	0.0	13.43	-1.66	33.86	8.32	.49
88/12/18	07:10	12/18	08:45	70-13.3S	023-54.5	10	-1.8	-3.0	0.0	13.43	-1.66	33.86	8.31	.49
88/12/18	07:15	12/18	08:50	70-13.3S	023-54.5	10	-1.8	-3.0	0.0	13.43	-1.74	33.95	8.32	.49
88/12/18	07:20	12/18	08:55	70-13.3S	023-54.5	10	-1.8	-3.0	0.0	13.43	-1.74	33.95	8.31	.49
88/12/18	07:25	12/18	09:00	70-13.3S	023-54.5	10	0.0	-3.0	0.0	13.43	-1.74	33.95	8.33	.49
88/12/18	07:30	12/18	09:05	70-13.3S	023-54.5	10	-1.8	-3.0	0.0	13.43	-1.66	33.86	8.37	.49
88/12/18	07:35	12/18	09:10	70-13.3S	023-54.5	10	-1.8	-3.0	0.0	13.43	-1.66	33.86	8.43	.49
88/12/18	07:40	12/18	09:15	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	13.43	-1.66	33.86	8.45	.49
88/12/18	07:45	12/18	09:20	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	3.90	-1.34	34.20	6.76	.47
88/12/18	07:50	12/18	09:25	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	9.00	15.14	.14	10.33	.24
88/12/18	07:55	12/18	09:30	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	2.47	14.32	.14	6.08	.22
88/12/18	08:00	12/18	09:35	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	9.60	15.30	.06	8.97	.14
88/12/18	08:05	12/18	09:40	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	.82	15.06	.06	4.83	.12
88/12/18	08:10	12/18	09:45	70-13.3S	023-54.5	10	-1.6	-3.0	0.0	.82	14.90	.06	4.57	.11
88/12/18	08:15	12/18	09:50	70-13.3S	023-54.5	10	-1.5	-3.0	0.0	.82	14.73	.06	4.46	.11
88/12/18	08:20	12/18	09:55	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	.82	14.65	.06	4.32	.10
88/12/18	08:25	12/18	10:00	70-13.3S	023-54.5	10	-1.4	-3.0	0.0	.82	14.57	.06	4.19	.10
88/12/18	08:30	12/18	10:05	70-13.3S	023-54.5	10	-1.7	-3.0	0.0	.82	14.57	.06	4.13	.09
88/12/18	08:35	12/18	10:10	70-13.3S	023-54.5	10	-1.3	-3.0	0.0	.82	14.48	.06	4.06	.08
88/12/18	08:40	12/18	10:15	70-13.3S	023-54.5	10	-1.3	-3.0	0.0	.82	14.48	.06	3.94	.08
88/12/18	08:45	12/18	10:20	70-13.3S	023-54.5	10	-1.3	-3.0	0.0	.82	14.40	.06	3.81	.08
88/12/18	08:50	12/18	10:25	70-13.3S	023-54.4	10	-1.3	-3.0	0.0	.82	14.40	.06	3.78	.07
88/12/18	08:55	12/18	10:30	70-13.3S	023-54.4	10	-1.2	-3.0	0.0	.82	14.40	.06	3.62	.07
88/12/18	09:00	12/18	10:35	70-13.3S	023-54.4	10	-1.2	-3.0	0.0	.82	14.32	.06	3.42	.07
88/12/18	09:05	12/18	10:40	70-13.3S	023-54.4	10	-1.2	-3.0	0.0	.82	14.32	.06	3.30	.07
88/12/18	09:10	12/18	10:45	70-13.3S	023-54.4	10	-1.2	-3.0	0.0	.82	14.32	.06	3.27	.07
88/12/18	09:15	12/18	10:50	70-13.3S	023-54.4	10	-1.2	-3.0	0.0	.82	14.32	.06	3.35	.07
88/12/18	09:20	12/18	10:55	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	3.35	.07
88/12/18	09:25	12/18	11:00	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	3.20	.07
88/12/18	09:30	12/18	11:05	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	3.03	.07
88/12/18	09:35	12/18	11:10	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.82	.07
88/12/18	09:40	12/18	11:15	70-13.3S	023-54.5	10	-1.1	-3.0	0.0	.82	14.32	.06	2.55	.07
88/12/18	09:45	12/18	11:20	70-13.3S	023-54.5	10	-1.1	-3.0	0.0	.82	14.32	.06	2.34	.07
88/12/18	09:50	12/18	11:25	70-13.3S	023-54.5	10	-1.1	-3.0	0.0	.82	14.32	.06	2.18	.07
88/12/18	09:55	12/18	11:30	70-13.3S	023-54.5	10	-1.1	-3.0	0.0	.74	14.32	.06	2.08	.07
88/12/18	10:00	12/18	11:35	70-13.3S	023-54.5	10	-1.1	-3.0	0.0	.82	14.32	.06	2.02	.07
88/12/18	10:05	12/18	11:40	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.02	.07
88/12/18	10:10	12/18	11:45	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.30	.07
88/12/18	10:15	12/18	11:50	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.55	.07
88/12/18	10:20	12/18	11:55	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.74	14.32	.06	2.52	.07
88/12/18	10:25	12/18	12:00	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.74	14.32	.06	2.32	.07
88/12/18	10:30	12/18	12:05	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.12	.07
88/12/18	10:35	12/18	12:10	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.18	.07
88/12/18	10:40	12/18	12:15	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.53	.07
88/12/18	10:45	12/18	12:20	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.70	.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]
88/12/18	10:50	12/18	12:25	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.72	.07
88/12/18	10:55	12/18	12:30	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.74	14.32	.06	2.58	.07
88/12/18	11:00	12/18	12:35	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.27	.07
88/12/18	11:05	12/18	12:40	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.27	.07
88/12/18	11:10	12/18	12:45	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.32	.06	2.53	.07
88/12/18	11:15	12/18	12:50	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.40	.06	2.50	.07
88/12/18	11:20	12/18	12:55	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.40	.06	2.39	.07
88/12/18	11:25	12/18	13:00	70-13.3S	023-54.5	10	-1.2	-3.0	0.0	.82	14.40	.06	2.20	.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]
89/03/04	13:10	03/04	15:40	68-06.2S	037-38.3	0	-3.6	-3.0	0.0	15.28	6.47	12.81	4.78	.05
89/03/04	13:15	03/04	15:45	68-06.2S	037-38.2	0	-3.6	-3.0	0.0	15.51	6.30	12.81	4.78	.05
89/03/04	13:20	03/04	15:50	68-06.2S	037-38.1	0	-3.7	-3.0	0.0	15.74	6.47	12.86	4.74	.05
89/03/04	13:25	03/04	15:55	68-06.3S	037-38.0	0	-3.7	-3.0	0.0	15.36	6.89	12.86	4.99	.05
89/03/04	13:30	03/04	16:00	68-06.3S	037-37.9	0	-3.6	-3.0	0.0	1.12	6.89	12.86	2.49	.05
89/03/04	13:35	03/04	16:05	68-06.5S	037-37.7	0	-3.6	-3.0	0.0	.82	7.16	12.86	2.42	.05
89/03/04	13:40	03/04	16:10	68-06.5S	037-37.6	0	-3.7	-3.0	0.0	.82	7.57	12.85	2.37	.05
89/03/04	13:45	03/04	16:15	68-06.5S	037-37.4	0	-3.5	-3.0	0.0	.82	7.74	12.85	2.40	.05
89/03/04	13:50	03/04	16:20	68-06.5S	037-37.3	0	-3.6	-3.0	0.0	.74	8.51	12.85	2.57	.05
89/03/04	13:55	03/04	16:25	68-06.5S	037-37.2	0	-3.8	-3.0	0.0	.74	8.43	12.85	2.81	.05
89/03/04	14:00	03/04	16:30	68-06.6S	037-37.1	0	-4.0	-3.0	0.0	.82	9.02	12.85	2.94	.04
89/03/04	14:05	03/04	16:35	68-06.6S	037-36.8	0	-3.6	-3.0	0.0	.74	9.36	12.85	3.01	.04
89/03/04	14:10	03/04	16:40	68-06.6S	037-36.7	0	-3.7	-3.0	0.0	.74	9.44	12.85	3.06	.04
89/03/04	14:15	03/04	16:45	68-06.6S	037-36.6	0	-3.8	-3.0	0.0	.74	9.87	12.85	3.09	.04
89/03/04	14:20	03/04	16:50	68-06.7S	037-36.5	0	-3.9	-3.0	0.0	.74	10.20	12.85	3.14	.04
89/03/04	14:25	03/04	16:55	68-06.7S	037-36.3	0	-4.1	-3.0	0.0	.74	10.84	12.85	3.15	.04
89/03/04	14:30	03/04	17:00	68-06.7S	037-36.2	0	-4.0	-3.0	0.0	.74	10.89	12.85	3.10	.04
89/03/04	14:35	03/04	17:05	68-06.7S	037-36.1	0	-4.0	-3.0	0.0	.74	11.48	12.85	3.01	.04
89/03/04	14:40	03/04	17:10	68-06.7S	037-35.9	0	-4.0	-3.0	0.0	.74	11.57	12.85	2.91	.04
89/03/04	14:45	03/04	17:15	68-06.8S	037-35.8	0	-4.1	-3.0	0.0	.74	12.16	12.85	2.80	.04
89/03/04	14:50	03/04	17:20	68-06.8S	037-35.7	0	-4.3	-3.0	0.0	.74	12.08	12.85	2.70	.03
89/03/04	14:55	03/04	17:25	68-06.8S	037-35.6	0	-4.2	-3.0	0.0	.66	12.50	12.85	2.59	.04
89/03/04	15:00	03/04	17:30	68-06.8S	037-35.5	0	-4.0	-3.0	0.0	.82	13.44	12.85	2.89	.03
89/03/04	15:05	03/04	17:35	68-06.8S	037-35.3	0	-4.0	-3.0	0.0	.74	13.78	12.85	2.58	.04
89/03/04	15:10	03/04	17:40	68-06.9S	037-35.2	0	-4.0	-3.0	0.0	.74	13.69	12.85	2.70	.04
89/03/04	15:15	03/04	17:45	68-06.9S	037-35.0	0	-3.8	-3.0	0.0	.74	14.12	12.85	2.79	.03
89/03/04	15:20	03/04	17:50	68-06.9S	037-34.9	0	-4.0	-3.0	0.0	.66	14.20	12.85	2.78	.03
89/03/04	15:25	03/04	17:55	68-06.9S	037-35.1	0	-3.9	-3.0	0.0	.86	14.37	12.85	2.68	.03
89/03/04	15:30	03/04	18:00	68-06.8S	037-35.4	0	-3.6	-3.0	0.0	.66	14.71	12.85	2.56	.03
89/03/04	15:35	03/04	18:05	68-06.7S	037-35.3	0	-3.8	-3.0	0.0	.66	14.71	12.85	2.45	.03
89/03/04	15:40	03/04	18:10	68-06.4S	037-35.1	0	-3.6	-3.0	0.0	.66	14.79	12.85	2.28	.03
89/03/04	15:45	03/04	18:15	68-06.2S	037-34.9	0	-3.5	-3.0	0.0	.66	14.97	12.85	2.08	.03
89/03/04	15:50	03/04	18:20	68-05.9S	037-34.7	0	-3.4	-3.0	0.0	.88	15.14	12.85	1.79	.03
89/03/04	15:55	03/04	18:25	68-05.3S	037-35.6	0	-3.2	-3.0	0.0	.66	15.23	12.85	1.33	.03
89/03/04	16:00	03/04	18:30	68-05.0S	037-35.5	0	-3.1	-3.0	0.0	.86	15.31	12.85	.77	.03
89/03/04	16:05	03/04	18:35	68-04.7S	037-35.4	0	-2.8	-3.0	0.0	.66	15.40	12.85	.82	.03
89/03/04	16:10	03/04	18:40	68-04.4S	037-35.5	0	-2.5	-3.0	0.0	.66	15.48	12.85	1.72	.03
89/03/04	16:15	03/04	18:45	68-04.0S	037-35.6	0	-2.3	-3.0	0.0	.66	15.65	12.85	2.30	.03
89/03/04	16:20	03/04	18:50	68-03.5S	037-35.9	2100	-2.1	-3.0	0.0	.66	15.73	12.85	2.50	.03
89/03/04	16:25	03/04	18:55	68-02.5S	037-36.5	2828	-1.8	-3.0	0.0	.66	15.90	12.85	2.44	.03
89/03/04	16:30	03/04	19:00	68-01.3S	037-37.2	3037	-1.3	-3.0	0.0	.66	16.07	12.85	2.36	.03
89/03/04	16:35	03/04	19:05	68-00.0S	037-38.0	3006	-.6	-3.0	0.0	.66	16.16	12.85	2.20	.03
89/03/04	16:40	03/04	19:10	67-58.9S	037-38.7	2950	.5	-3.0	0.0	.66	16.24	12.85	2.18	.03
89/03/04	16:45	03/04	19:15	67-57.8S	037-39.4	2768	.9	-3.0	0.0	.66	16.33	12.85	1.89	.03
89/03/04	16:50	03/04	19:20	67-56.6S	037-40.1	2638	1.1	-3.0	0.0	.66	16.41	12.85	1.30	.03
89/03/04	16:55	03/04	19:25	67-55.5S	037-40.8	3216	.7	-3.0	0.0	.66	16.50	12.85	.82	.03
89/03/04	17:00	03/04	19:30	67-54.4S	037-41.5	3495	.7	-3.0	14.1	8.01	1.11	29.69	3.71	.17
89/03/04	17:05	03/04	19:35	67-53.2S	037-42.2	3490	.7	-3.0	14.3	11.12	.26	33.53	6.64	.18
89/03/04	17:10	03/04	19:40	67-52.1S	037-43.0	3280	.7	-3.0	14.2	9.91	-.07	33.75	9.66	.19
89/03/04	17:15	03/04	19:45	67-49.9S	037-43.7	3561	.6	-3.0	14.3	8.89	-.16	33.80	9.82	.19
89/03/04	17:20	03/04	19:50	67-48.7S	037-44.3	3582	.6	-3.0	14.0	8.84	-.33	33.81	10.09	.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]
89/03/04	17:25	03/04	19:56	67-47.6S	037-45.1	3406	.6	-3.0	14.4	8.92	-24	33.86	10.54	.19
89/03/04	17:30	03/04	20:01	67-46.4S	037-46.0	3145	.6	-3.0	14.5	9.07	-16	33.91	11.28	.18
89/03/04	17:35	03/04	20:06	67-45.2S	037-46.7	3243	.6	-3.0	14.5	9.07	-24	33.86	11.49	.18
89/03/04	17:40	03/04	20:11	67-44.0S	037-47.6	3094	.5	-3.0	14.3	9.22	-33	33.91	12.10	.18
89/03/04	17:45	03/04	20:16	67-42.7S	037-50.8	3562	.5	-3.0	14.3	9.22	-33	33.91	12.23	.17
89/03/04	17:50	03/04	20:21	67-41.6S	037-51.7	3789	.5	-3.0	14.1	9.30	-24	33.86	12.60	.17
89/03/04	17:55	03/04	20:26	67-40.4S	037-52.6	3731	.5	-3.0	14.2	9.22	-33	33.91	12.81	.17
89/03/04	18:00	03/04	20:31	67-39.2S	037-53.4	3823	.5	-3.0	14.4	9.30	-33	33.91	12.84	.17
89/03/04	18:05	03/04	20:36	67-38.0S	037-54.2	3854	.5	-3.0	14.5	9.30	-33	33.91	13.04	.17
89/03/04	18:10	03/04	20:41	67-36.9S	037-55.1	3966	.5	-3.0	13.9	9.37	-24	33.86	13.00	.17
89/03/04	18:15	03/04	20:46	67-35.7S	037-55.9	4051	.5	-3.0	14.4	9.37	-24	33.96	13.01	.16
89/03/04	18:20	03/04	20:51	67-34.6S	037-56.8	4077	.5	-3.0	14.1	9.37	-33	33.91	12.84	.16
89/03/04	18:25	03/04	20:56	67-33.4S	037-57.7	4114	.5	-3.0	14.0	9.45	-33	33.91	13.00	.16
89/03/04	18:30	03/04	21:01	67-32.2S	037-58.5	4138	.5	-3.0	13.9	9.45	-41	33.96	13.08	.16
89/03/04	18:35	03/04	21:06	67-31.1S	037-59.3	4131	.5	-3.0	14.0	9.53	-50	33.92	13.20	.16
89/03/04	18:40	03/04	21:12	67-30.1S	038-00.7	4145	.5	-3.0	14.0	9.91	-50	33.81	13.04	.16
89/03/04	18:45	03/04	21:17	67-29.5S	038-03.5	4181	.6	-3.0	14.7	9.75	-58	33.87	13.19	.16
89/03/04	18:50	03/04	21:22	67-28.9S	038-06.2	4157	.6	-3.0	14.7	10.06	-33	33.91	13.26	.16
89/03/04	18:55	03/04	21:27	67-28.2S	038-09.0	4156	.6	-3.0	14.4	10.06	-24	33.96	13.40	.16
89/03/04	19:00	03/04	21:32	67-27.6S	038-11.8	4186	.6	-3.0	14.7	10.06	-07	33.95	13.35	.15
89/03/04	19:05	03/04	21:38	67-26.2S	038-16.6	4165	.7	-3.0	14.4	10.06	-07	33.95	13.26	.15
89/03/04	19:10	03/04	21:43	67-25.5S	038-19.4	4139	.7	-3.0	14.3	10.06	-07	33.95	13.05	.15
89/03/04	19:15	03/04	21:48	67-24.9S	038-22.2	4152	.7	-3.0	14.6	10.13	-07	33.95	13.15	.15
89/03/04	19:20	03/04	21:53	67-24.2S	038-25.1	4049	.7	-3.0	14.4	10.66	-16	33.91	13.24	.15
89/03/04	19:25	03/04	21:58	67-23.6S	038-27.9	3949	.7	-3.0	14.5	10.59	-07	33.95	13.41	.15
89/03/04	19:30	03/04	22:04	67-23.3S	038-31.4	3784	.8	-3.0	14.6	10.51	.01	33.90	13.56	.15
89/03/04	19:35	03/04	22:09	67-22.6S	038-34.3	3724	.8	-3.0	14.7	10.51	-07	33.95	13.46	.15
89/03/04	19:40	03/04	22:14	67-22.0S	038-37.2	3716	.8	-3.0	14.5	10.51	-07	33.95	13.43	.15
89/03/04	19:45	03/04	22:19	67-21.4S	038-40.0	3799	.8	-3.0	14.3	10.51	-16	33.91	13.20	.15
89/03/04	19:50	03/04	22:24	67-20.8S	038-42.9	4200	.8	-3.0	14.5	10.44	-33	33.91	13.26	.15
89/03/04	19:55	03/04	22:30	67-20.1S	038-45.8	4215	.8	-3.0	14.3	10.51	-41	33.96	13.06	.15
89/03/04	20:00	03/04	22:35	67-19.5S	038-48.6	4185	.8	-3.0	14.5	10.51	-33	33.91	13.19	.15
89/03/04	20:05	03/04	22:40	67-18.8S	038-51.5	4132	.8	-3.0	14.6	10.44	-41	33.96	13.32	.15
89/03/04	20:10	03/04	22:45	67-18.2S	038-54.4	4089	.8	-3.0	14.6	10.51	-33	33.91	13.31	.15
89/03/04	20:15	03/04	22:50	67-17.6S	038-57.2	3770	.8	-3.0	14.4	10.44	-16	33.91	13.68	.15
89/03/04	20:20	03/04	22:56	67-16.9S	039-02.3	3622	.9	-3.0	14.7	10.51	.01	33.90	13.62	.14
89/03/04	20:25	03/04	23:01	67-16.3S	039-05.3	3631	.9	-3.0	14.6	10.66	.01	33.90	13.79	.14
89/03/04	20:30	03/04	23:06	67-15.7S	039-08.3	3526	.9	-3.0	14.5	10.51	.01	33.90	13.64	.14
89/03/04	20:35	03/04	23:11	67-15.0S	039-11.2	3420	.9	-3.0	14.4	10.51	.01	33.90	13.58	.14
89/03/04	20:40	03/04	23:16	67-14.4S	039-14.2	3386	.9	-3.0	14.4	10.51	-07	33.95	13.36	.14
89/03/04	20:45	03/04	23:22	67-13.7S	039-17.2	3483	.9	-3.0	14.2	10.51	-07	33.95	13.43	.14
89/03/04	20:50	03/04	23:27	67-13.1S	039-20.1	3440	.9	-3.0	14.4	10.44	-07	33.95	13.49	.14
89/03/04	20:55	03/04	23:32	67-12.7S	039-23.5	3430	.9	-3.0	14.5	10.51	.01	33.90	13.55	.14
89/03/04	21:00	03/04	23:37	67-12.1S	039-26.5	3368	.9	-3.0	14.6	10.51	.01	33.90	13.73	.14
89/03/04	21:05	03/04	23:42	67-11.5S	039-29.4	3237	1.0	-3.0	14.6	10.44	.01	33.90	13.72	.14
89/03/04	21:10	03/04	23:48	67-10.8S	039-32.3	3339	1.0	-3.0	14.5	10.44	.10	33.84	13.60	.14
89/03/04	21:15	03/04	23:53	67-10.2S	039-35.5	3464	1.0	-3.0	14.6	10.44	.01	33.90	13.51	.14
89/03/04	21:20	03/04	23:58	67-09.5S	039-38.5	3417	1.0	-3.0	14.4	10.44	.01	33.90	13.72	.14
89/03/04	21:25	03/05	00:03	67-08.9S	039-41.4	3286	1.0	-3.0	14.7	10.51	-16	33.91	13.77	.14
89/03/04	21:30	03/05	00:08	67-08.3S	039-44.3	3323	1.0	-3.0	14.6	10.44	-33	33.81	13.82	.14
89/03/04	21:35	03/05	00:14	67-07.7S	039-47.3	3300	1.0	-3.0	14.0	10.44	-50	33.81	13.64	.14

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											
89/03/04	21:40	03/05	00:19	67-07.0S	039-50.3	3403	1.0	-3.0	14.3	10.44	-41	33.86	13.63	.14
89/03/04	21:45	03/05	00:24	67-06.4S	039-53.2	3438	1.0	-3.0	14.7	10.44	-33	33.91	13.64	.14
89/03/04	21:50	03/05	00:29	67-05.8S	039-56.2	3460	.9	-3.0	14.8	10.44	-24	33.86	13.64	.14
89/03/04	21:55	03/05	00:34	67-05.2S	039-59.2	3450	.9	-3.0	14.7	10.44	-33	33.81	13.30	.14
89/03/04	22:00	03/05	00:40	67-04.6S	040-03.2	3418	1.0	-3.0	14.5	10.44	-33	33.81	13.22	.14
89/03/04	22:05	03/05	00:45	67-03.9S	040-06.2	3417	1.1	-3.0	14.6	10.44	-24	33.86	13.51	.14
89/03/04	22:10	03/05	00:50	67-03.2S	040-09.2	3417	1.1	-3.0	14.8	10.44	.10	33.84	13.63	.14
89/03/04	22:15	03/05	00:55	67-02.6S	040-12.2	3399	1.1	-3.0	14.6	10.44	.18	33.89	13.68	.14
89/03/04	22:20	03/05	01:01	67-01.9S	040-15.1	3424	1.1	-3.0	14.2	10.44	.18	33.89	13.74	.14
89/03/04	22:25	03/05	01:06	67-01.2S	040-18.1	3566	1.1	-3.0	14.9	10.44	.18	33.89	13.83	.13
89/03/04	22:30	03/05	01:11	67-00.5S	040-21.1	3719	1.1	-3.0	14.8	10.44	-.07	33.85	13.70	.13
89/03/04	22:35	03/05	01:16	66-59.9S	040-24.0	3768	1.0	-3.0	14.3	10.44	-.16	33.91	13.56	.13
89/03/04	22:40	03/05	01:21	66-59.3S	040-27.1	3875	1.0	-3.0	14.7	10.44	-.24	33.86	13.70	.13
89/03/04	22:45	03/05	01:27	66-58.6S	040-30.0	3866	1.0	-3.0	14.6	10.36	-.24	33.86	13.70	.13
89/03/04	22:50	03/05	01:32	66-58.0S	040-32.9	3839	1.0	-3.0	14.3	10.44	-.07	33.85	13.72	.13
89/03/04	22:55	03/05	01:37	66-57.2S	040-35.9	3913	1.0	-3.0	14.5	10.44	-.07	33.65	13.55	.13
89/03/04	23:00	03/05	01:42	66-56.5S	040-38.8	3910	1.0	-3.0	14.9	10.36	-.16	33.80	13.76	.13
89/03/04	23:05	03/05	01:47	66-55.9S	040-41.8	3946	1.0	-3.0	14.7	10.36	-.24	33.86	13.68	.13
89/03/04	23:10	03/05	01:52	66-55.2S	040-44.8	4053	1.0	-3.0	14.9	10.36	-.24	33.75	13.76	.13
89/03/04	23:15	03/05	01:58	66-54.5S	040-47.8	4155	1.0	-3.0	14.9	10.69	-.07	33.75	13.88	.13
89/03/04	23:20	03/05	02:03	66-53.9S	040-50.7	4241	1.0	-3.0	14.8	10.44	-.07	33.85	13.68	.13
89/03/04	23:25	03/05	02:08	66-53.3S	040-53.5	4249	1.1	-3.0	14.4	10.36	-.07	33.75	13.61	.13
89/03/04	23:30	03/05	02:13	66-52.6S	040-56.5	4238	1.1	-3.0	14.8	10.44	-.07	33.75	13.86	.13
89/03/04	23:35	03/05	02:18	66-52.0S	040-59.4	4227	1.1	-3.0	14.1	10.36	-.07	33.75	13.65	.13
89/03/04	23:40	03/05	02:24	66-51.3S	041-02.3	4228	1.1	-3.0	14.6	10.36	-.16	33.80	13.56	.12
89/03/04	23:45	03/05	02:29	66-50.7S	041-05.3	4244	1.1	-3.0	14.7	10.44	-.16	33.80	13.60	.13
89/03/04	23:50	03/05	02:34	66-50.0S	041-08.2	4256	1.0	-3.0	14.6	10.44	-.16	33.80	13.61	.12
89/03/04	23:55	03/05	02:39	66-49.4S	041-11.2	4236	1.0	-3.0	14.9	10.61	-.07	33.75	13.81	.13
89/03/05	00:00	03/05	02:44	66-48.7S	041-14.2	4235	1.0	-3.0	14.8	10.97	.01	33.79	13.73	.13
89/03/05	00:05	03/05	02:50	66-48.1S	041-17.2	4225	1.0	-3.0	14.7	10.74	.01	33.79	14.22	.13
89/03/05	00:10	03/05	02:55	66-47.4S	041-20.1	3938	1.0	-3.0	14.6	10.81	.01	33.79	13.60	.13
89/03/05	00:15	03/05	03:00	66-46.7S	041-23.0	3856	.9	-3.0	14.7	10.81	-.33	33.70	13.26	.12
89/03/05	00:20	03/05	03:05	66-46.1S	041-26.0	3739	.9	-3.0	14.9	10.81	-.58	33.76	13.44	.13
89/03/05	00:25	03/05	03:10	66-45.5S	041-28.1	3672	.9	-3.0	14.7	10.81	-.58	33.76	13.50	.13
89/03/05	00:30	03/05	03:16	66-44.8S	041-31.0	3596	.9	-3.0	15.0	10.81	-.58	33.76	13.68	.13
89/03/05	00:35	03/05	03:21	66-44.2S	041-34.0	3490	.9	-3.0	14.6	10.74	-.41	33.76	14.03	.13
89/03/05	00:40	03/05	03:26	66-43.5S	041-36.9	3473	.9	-3.0	14.9	10.74	-.24	33.75	14.03	.13
89/03/05	00:45	03/05	03:31	66-42.8S	041-39.8	3395	.9	-3.0	14.8	10.74	-.24	33.75	13.90	.13
89/03/05	00:50	03/05	03:36	66-42.2S	041-42.9	3359	1.0	-3.0	14.9	10.74	-.16	33.80	13.82	.13
89/03/05	00:55	03/05	03:42	66-41.6S	041-45.8	3305	1.0	-3.0	14.9	10.74	-.07	33.75	13.94	.13
89/03/05	01:00	03/05	03:47	66-40.9S	041-48.8	3234	1.0	-3.0	14.6	10.74	-.07	33.75	13.66	.13
89/03/05	01:05	03/05	03:52	66-40.3S	041-51.7	3224	1.0	-3.0	14.5	10.66	-.07	33.75	13.79	.13
89/03/05	01:10	03/05	03:57	66-39.6S	041-54.6	3255	1.0	-3.0	14.7	10.74	-.16	33.80	13.88	.12
89/03/05	01:15	03/05	04:02	66-38.9S	041-57.5	3290	1.0	-3.0	14.9	10.74	-.24	33.75	13.93	.12
89/03/05	01:20	03/05	04:08	66-38.3S	042-00.4	3262	1.0	-3.0	14.3	10.74	-.24	33.75	13.79	.12
89/03/05	01:25	03/05	04:13	66-37.7S	042-03.2	3283	.9	-3.0	14.7	10.74	-.24	33.75	13.70	.12
89/03/05	01:30	03/05	04:18	66-37.0S	042-06.2	3262	.8	-3.0	14.9	10.74	-.33	33.81	13.54	.12
89/03/05	01:35	03/05	04:23	66-36.4S	042-09.1	3241	.8	-3.0	14.7	10.74	-.33	33.81	13.58	.12
89/03/05	01:40	03/05	04:28	66-35.6S	042-11.9	3261	.8	-3.0	14.8	10.66	-.33	33.81	13.57	.12
89/03/05	01:45	03/05	04:33	66-35.0S	042-14.9	3380	.8	-3.0	15.0	10.66	-.41	33.78	13.43	.13
89/03/05	01:50	03/05	04:39	66-34.3S	042-17.8	3446	.8	-3.0	14.4	10.66	-.50	33.71	13.50	.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]
89/03/05	01:55	03/05	04:44	66-33.7S	042-20.6	3441	.8	-3.0	14.7	10.66	-50	33.81	13.63	.12
89/03/05	02:00	03/05	04:49	66-33.1S	042-23.5	3479	.8	-3.0	15.0	10.66	-50	33.71	13.61	.12
89/03/05	02:05	03/05	04:54	66-32.4S	042-26.5	3429	.7	-3.0	14.6	10.66	-50	33.71	13.67	.12
89/03/05	02:10	03/05	04:59	66-31.7S	042-29.4	3836	.8	-3.0	14.5	10.66	-50	33.81	13.78	.12
89/03/05	02:15	03/05	05:05	66-31.0S	042-32.3	3773	.8	-3.0	14.8	10.66	-41	33.76	13.72	.13
89/03/05	02:20	03/05	05:10	66-30.3S	042-35.2	3697	.9	-3.0	14.4	10.66	-16	33.80	13.98	.12
89/03/05	02:25	03/05	05:15	66-29.6S	042-38.2	3365	.9	-3.0	15.1	10.66	-07	33.75	13.76	.13
89/03/05	02:30	03/05	05:20	66-29.0S	042-41.0	3414	.9	-3.0	14.9	10.66	.01	33.79	13.77	.13
89/03/05	02:35	03/05	05:25	66-28.4S	042-43.4	3354	.9	-3.0	14.9	10.66	.01	33.79	13.73	.13
89/03/05	02:40	03/05	05:31	66-27.8S	042-46.3	3291	.9	-3.0	14.8	10.66	.01	33.79	13.83	.13
89/03/05	02:45	03/05	05:36	66-27.1S	042-49.2	3257	.9	-3.0	14.9	10.66	-07	33.75	13.59	.13
89/03/05	02:50	03/05	05:41	66-26.5S	042-52.0	3197	.8	-3.0	14.7	10.66	-16	33.80	13.73	.12
89/03/05	02:55	03/05	05:46	66-25.8S	042-54.9	3094	.8	-3.0	14.5	10.66	-24	33.75	13.67	.12
89/03/05	03:00	03/05	05:51	66-25.1S	042-57.8	3193	.8	-3.0	15.0	10.66	-33	33.81	13.56	.12
89/03/05	03:05	03/05	05:57	66-24.6S	043-00.8	3258	.8	-3.0	14.5	10.66	-33	33.81	13.52	.12
89/03/05	03:10	03/05	06:02	66-24.0S	043-03.7	3254	.8	-3.0	14.9	10.66	-33	33.81	13.70	.12
89/03/05	03:15	03/05	06:07	66-23.3S	043-06.6	3540	.7	-3.0	14.9	10.66	-24	33.75	13.63	.13
89/03/05	03:20	03/05	06:12	66-22.7S	043-09.4	3420	0.0	-3.0	14.5	10.59	-07	33.75	13.73	.13
89/03/05	03:25	03/05	06:17	66-22.0S	043-12.3	3637	.7	-3.0	14.4	10.66	-16	33.80	13.77	.13
89/03/05	03:30	03/05	06:23	66-21.4S	043-15.1	3578	.8	-3.0	14.5	10.66	-16	33.80	13.66	.12
89/03/05	03:35	03/05	06:28	66-20.7S	043-18.0	3715	.7	-3.0	14.5	10.66	-07	33.85	13.72	.13
89/03/05	03:40	03/05	06:33	66-20.0S	043-20.9	3726	.7	-3.0	14.6	10.66	-16	33.80	13.64	.12
89/03/05	03:45	03/05	06:38	66-19.4S	043-23.8	3633	.8	-3.0	14.7	10.66	-33	33.91	13.62	.12
89/03/05	03:50	03/05	06:43	66-18.8S	043-26.6	3555	.8	-3.0	14.7	10.66	-33	33.81	13.50	.12
89/03/05	03:55	03/05	06:48	66-18.1S	043-29.5	3493	.8	-3.0	14.1	10.66	-33	33.81	13.51	.12
89/03/05	04:00	03/05	06:54	66-17.3S	043-32.2	3471	.8	-3.0	14.8	10.66	-33	33.81	13.50	.12
89/03/05	04:05	03/05	06:59	66-16.7S	043-35.1	3199	.8	-3.0	14.9	10.66	-33	33.81	13.63	.12
89/03/05	04:10	03/05	07:04	66-16.0S	043-38.0	3136	.8	-3.0	14.3	10.66	-16	33.80	13.70	.12
89/03/05	04:15	03/05	07:09	66-15.4S	043-40.8	3006	.8	-3.0	14.3	10.66	-16	33.80	13.53	.12
89/03/05	04:20	03/05	07:14	66-14.8S	043-43.6	2847	.8	-3.0	14.5	10.66	-16	33.70	13.66	.12
89/03/05	04:25	03/05	07:20	66-14.1S	043-46.3	2306	.8	-3.0	14.5	10.97	-16	33.70	13.62	.12
89/03/05	04:30	03/05	07:25	66-13.5S	043-49.2	3036	.8	-3.0	14.6	10.97	-16	33.70	8.04	.12
89/03/05	04:35	03/05	07:30	66-12.9S	043-52.1	3140	.8	-3.0	14.6	10.97	-33	33.70	7.71	.12
89/03/05	04:40	03/05	07:35	66-12.3S	043-55.1	3248	.8	-3.0	14.9	10.97	-33	33.70	7.73	.12
89/03/05	04:45	03/05	07:40	66-11.7S	043-58.0	3247	.8	-3.0	14.8	10.97	-41	33.76	7.79	.12
89/03/05	04:50	03/05	07:46	66-11.2S	044-01.0	3204	.8	-3.0	14.6	11.04	-33	33.70	7.96	.12
89/03/05	04:55	03/05	07:51	66-11.4S	044-03.5	3151	1.1	-3.0	7.4	11.04	-33	33.70	8.09	.12
89/03/05	05:00	03/05	07:56	66-11.6S	044-05.5	3158	1.3	-3.0	11.1	10.89	-24	33.75	8.11	.12
89/03/05	05:05	03/05	08:01	66-11.0S	044-08.3	3095	1.0	-3.0	14.7	10.97	-16	33.70	8.14	.12
89/03/05	05:10	03/05	08:06	66-10.5S	044-11.3	3006	.9	-3.0	15.1	11.04	-24	33.75	8.06	.11
89/03/05	05:15	03/05	08:11	66-09.9S	044-14.3	2958	.9	-3.0	14.9	10.81	-24	33.75	8.03	.11
89/03/05	05:20	03/05	08:17	66-09.4S	044-17.2	2959	.8	-3.0	14.7	10.74	-24	33.75	7.98	.11
89/03/05	05:25	03/05	08:22	66-08.8S	044-20.2	2929	.8	-3.0	15.0	10.97	-24	33.75	8.03	.11
89/03/05	05:30	03/05	08:27	66-08.2S	044-23.1	2870	.8	-3.0	14.6	11.04	-24	33.75	8.04	.11
89/03/05	05:35	03/05	08:32	66-07.6S	044-26.0	2994	.8	-3.0	14.8	11.04	-16	33.70	8.09	.11
89/03/05	05:40	03/05	08:37	66-07.0S	044-29.0	3144	.8	-3.0	14.6	11.04	-16	33.80	8.14	.11
89/03/05	05:45	03/05	08:43	66-06.5S	044-31.9	3123	.8	-3.0	14.7	11.04	-07	33.75	8.18	.11
89/03/05	05:50	03/05	08:48	66-06.9S	044-34.8	3240	.8	-3.0	15.1	10.81	.01	33.79	8.16	.11
89/03/05	05:55	03/05	08:53	66-06.3S	044-37.8	3226	.8	-3.0	14.8	10.74	.10	33.74	8.12	.11
89/03/05	06:00	03/05	08:58	66-04.7S	044-40.7	3092	.9	-3.0	14.8	10.74	.10	33.74	8.06	.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]
89/03/05	06:05	03/05	09:03	66-04.1S	044-43.7	3326	.9	-3.0	14.8	10.81	.10	33.74	8.02	.11
89/03/05	06:10	03/05	09:09	66-03.6S	044-46.6	3366	.9	-3.0	13.7	10.74	.10	33.74	8.06	.11
89/03/05	06:15	03/05	09:14	66-03.6S	044-49.4	3605	.9	-3.0	14.3	10.74	.01	33.79	8.04	.11
89/03/05	06:20	03/05	09:19	66-03.0S	044-52.3	3572	.9	-3.0	14.9	10.74	-.07	33.75	8.01	.11
89/03/05	06:25	03/05	09:24	66-02.5S	044-55.2	3582	.9	-3.0	14.6	10.81	-.07	33.75	8.04	.11
89/03/05	06:30	03/05	09:29	66-01.9S	044-58.1	3617	.9	-3.0	14.8	10.81	-.07	33.75	8.04	.11
89/03/05	06:35	03/05	09:35	66-01.4S	045-01.1	3176	.9	-3.0	14.8	10.74	-.07	33.75	7.96	.11
89/03/05	06:40	03/05	09:40	66-01.0S	045-04.1	3064	.9	-3.0	14.9	10.74	-.16	33.80	7.92	.11
89/03/05	06:45	03/05	09:45	66-00.6S	045-07.3	3033	.9	-3.0	15.0	10.74	-.07	33.75	7.96	.11
89/03/05	06:50	03/05	09:50	66-00.5S	045-10.5	2913	1.0	-3.0	14.5	10.74	-.07	33.75	7.95	.11
89/03/05	06:55	03/05	09:55	66-00.2S	045-13.7	2853	.9	-3.0	15.0	10.81	-.16	33.70	7.96	.11
89/03/05	07:00	03/05	10:01	65-59.9S	045-16.8	2766	1.0	-3.0	14.8	10.81	-.07	33.75	8.05	.11
89/03/05	07:05	03/05	10:06	65-59.6S	045-19.9	2686	1.1	-3.0	14.7	10.74	-.16	33.80	8.07	.11
89/03/05	07:10	03/05	10:11	65-59.3S	045-23.0	2704	1.1	-3.0	14.9	10.81	-.16	33.80	8.07	.11
89/03/05	07:15	03/05	10:16	65-59.0S	045-26.2	2772	1.1	-3.0	14.8	10.81	-.16	33.70	8.02	.11
89/03/05	07:20	03/05	10:21	65-58.7S	045-29.3	2859	1.1	-3.0	14.7	10.81	-.16	33.80	7.98	.11
89/03/05	07:25	03/05	10:27	65-58.4S	045-32.5	2924	1.2	-3.0	14.7	10.81	-.16	33.80	7.98	.11
89/03/05	07:30	03/05	10:32	65-58.2S	045-35.6	3129	1.2	-3.0	14.7	10.81	-.16	33.80	7.98	.11
89/03/05	07:35	03/05	10:37	65-58.2S	045-39.5	3189	1.6	-3.0	15.0	10.81	-.16	33.80	7.99	.11
89/03/05	07:40	03/05	10:42	65-58.0S	045-42.7	3276	2.6	-3.0	14.8	10.81	-.16	33.80	8.04	.11
89/03/05	07:45	03/05	10:48	65-57.7S	045-45.9	3522	2.5	-3.0	14.6	10.81	-.16	33.80	8.10	.11
89/03/05	07:50	03/05	10:53	65-57.4S	045-49.1	0	2.3	-3.0	14.5	10.81	-.16	33.80	8.11	.11
89/03/05	07:55	03/05	10:58	65-57.2S	045-52.2	3171	2.4	-3.0	13.1	10.81	-.16	33.80	8.05	.11
89/03/05	08:00	03/05	11:03	65-56.9S	045-55.4	3065	2.0	-3.0	14.7	10.81	-.16	33.80	8.03	.11
89/03/05	08:05	03/05	11:08	65-56.9S	045-58.9	3030	1.7	-3.0	15.1	10.81	-.16	33.80	7.99	.11
89/03/05	08:10	03/05	11:14	65-56.6S	046-02.2	2957	1.7	-3.0	15.1	10.74	-.07	33.85	8.06	.11
89/03/05	08:15	03/05	11:19	65-56.3S	046-05.3	2901	2.2	-3.0	14.8	10.81	-.07	33.85	8.10	.11
89/03/05	08:20	03/05	11:24	65-56.0S	046-08.6	2813	2.8	-3.0	15.0	10.81	-.16	33.80	8.07	.11
89/03/05	08:25	03/05	11:29	65-56.0S	046-11.8	2791	3.1	-3.0	14.7	10.81	-.16	33.80	8.03	.11
89/03/05	08:30	03/05	11:34	65-55.7S	046-14.9	2767	2.9	-3.0	14.9	11.57	-.24	33.86	8.11	-19.47
89/03/05	08:35	03/05	11:40	65-55.5S	046-18.1	2741	2.4	-3.0	14.7	10.89	-.24	33.86	7.96	-2.87
89/03/05	08:40	03/05	11:45	65-55.1S	046-21.2	2746	3.0	-3.0	14.9	10.97	-.16	33.80	7.77	-2.42
89/03/05	08:45	03/05	11:50	65-54.7S	046-24.1	2718	2.4	-3.0	14.1	10.97	-.24	33.75	7.62	.10
89/03/05	08:50	03/05	11:55	65-54.2S	046-27.2	2879	2.6	-3.0	14.7	10.97	-.24	33.75	7.54	.10
89/03/05	08:55	03/05	12:01	65-53.8S	046-30.2	2773	2.1	-3.0	14.6	10.81	-.24	33.75	7.53	.10
89/03/05	09:00	03/05	12:06	65-53.3S	046-33.3	2853	2.6	-3.0	14.9	10.74	-.24	33.86	7.55	.10
89/03/05	09:05	03/05	12:11	65-52.9S	046-36.2	3081	3.2	-3.0	14.1	10.86	-.33	33.81	7.56	.10
89/03/05	09:10	03/05	12:16	65-52.5S	046-39.2	3248	3.4	-3.0	14.3	10.74	-.33	33.81	7.66	.10
89/03/05	09:15	03/05	12:21	65-52.1S	046-42.2	3083	3.4	-3.0	14.5	10.74	-.33	33.81	7.78	.10
89/03/05	09:20	03/05	12:27	65-51.7S	046-45.3	2939	3.3	-3.0	14.4	10.74	-.16	33.80	7.96	.10
89/03/05	09:25	03/05	12:32	65-51.1S	046-48.4	2773	3.0	-3.0	14.4	10.74	-.16	33.80	8.07	.10
89/03/05	09:30	03/05	12:37	65-50.7S	046-51.4	2739	3.2	-3.0	14.3	10.74	-.24	33.86	7.99	.10
89/03/05	09:35	03/05	12:42	65-50.3S	046-54.4	2891	3.2	-3.0	14.7	10.74	-.33	33.81	7.90	.10
89/03/05	09:40	03/05	12:47	65-49.9S	046-57.4	3000	3.1	-3.0	14.8	10.74	-.33	33.81	7.89	.10
89/03/05	09:45	03/05	12:53	65-49.4S	047-00.5	3187	3.1	-3.0	14.2	10.74	-.24	33.75	7.92	.10
89/03/05	09:50	03/05	12:58	65-49.0S	047-03.5	2999	2.8	-3.0	14.7	10.74	-.24	33.86	7.99	.09
89/03/05	09:55	03/05	13:03	65-48.6S	047-06.5	2907	2.6	-3.0	14.5	10.74	-.16	33.80	8.02	.09
89/03/05	10:00	03/05	13:08	65-48.2S	047-09.5	2821	2.9	-3.0	14.9	10.74	-.16	33.80	8.05	.09
89/03/05	10:05	03/05	13:13	65-47.9S	047-12.7	2782	3.4	-3.0	14.8	10.74	-.16	33.80	8.06	.09
89/03/05	10:10	03/05	13:19	65-47.6S	047-15.8	2761	3.6	-3.0	13.3	10.74	-.16	33.80	8.09	.09
89/03/05	10:15	03/05	13:24	65-47.3S	047-18.8	2734	4.1	-3.0	15.1	10.74	-.07	33.85	8.14	.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]
89/03/05	10:20	03/05	13:29	65-47.1S	047-22.1	2736	4.4	-3.0	14.7	10.74	-07	33.85	8.12	.09
89/03/05	10:25	03/05	13:34	65-46.8S	047-25.3	2648	4.5	-3.0	15.0	10.74	.01	33.79	8.13	.09
89/03/05	10:30	03/05	13:39	65-46.6S	047-28.4	2541	4.6	-3.0	15.2	10.74	.01	33.79	8.08	.09
89/03/05	10:35	03/05	13:45	65-46.4S	047-31.9	2550	4.6	-3.0	13.8	10.97	-07	33.85	8.05	.09
89/03/05	10:40	03/05	13:50	65-46.1S	047-35.0	2551	4.7	-3.0	14.3	10.74	-07	33.85	8.04	.09
89/03/05	10:45	03/05	13:55	65-45.8S	047-38.2	2542	4.3	-3.0	15.0	10.74	-07	33.85	8.07	.09
89/03/05	10:50	03/05	14:00	65-45.5S	047-41.5	2550	4.0	-3.0	14.9	10.74	-07	33.85	8.05	.09
89/03/05	10:55	03/05	14:05	65-45.4S	047-44.5	2550	3.6	-3.0	15.1	10.74	-07	33.85	8.07	.09
89/03/05	11:00	03/05	14:11	65-45.2S	047-47.6	2518	3.3	-3.0	14.7	10.74	-07	33.85	8.13	.09
89/03/05	11:05	03/05	14:16	65-44.9S	047-50.8	2432	3.3	-3.0	14.8	10.74	-07	33.85	8.10	.09
89/03/05	11:10	03/05	14:21	65-44.6S	047-54.0	2365	3.2	-3.0	14.5	10.74	-07	33.85	8.10	.09
89/03/05	11:15	03/05	14:26	65-44.4S	047-57.1	2214	3.3	-3.0	15.0	10.74	-07	33.85	8.13	.09
89/03/05	11:20	03/05	14:32	65-44.1S	048-00.3	2180	3.6	-3.0	14.8	10.74	-07	33.85	8.14	.09
89/03/05	11:25	03/05	14:37	65-43.9S	048-03.4	2196	3.8	-3.0	14.0	10.74	-16	33.80	8.18	.10
89/03/05	11:30	03/05	14:42	65-43.7S	048-06.5	1960	4.3	-3.0	14.1	10.74	-16	33.80	8.15	.09
89/03/05	11:35	03/05	14:47	65-43.4S	048-09.6	2061	4.9	-3.0	14.7	10.74	-07	33.75	8.15	.09
89/03/05	11:40	03/05	14:52	65-43.2S	048-12.7	1963	4.7	-3.0	14.5	10.74	-07	33.75	8.15	.09
89/03/05	11:45	03/05	14:58	65-43.0S	048-15.8	1755	4.2	-3.0	14.9	10.74	-16	33.80	8.11	.09
89/03/05	11:50	03/05	15:03	65-42.7S	048-19.0	1836	4.7	-3.0	14.0	10.74	-16	33.80	8.11	.09
89/03/05	11:55	03/05	15:08	65-42.2S	048-23.1	2083	4.1	-3.0	14.6	10.74	-07	33.85	8.11	.09
89/03/05	12:00	03/05	15:13	65-42.0S	048-26.2	2126	3.8	-3.0	14.5	10.74	-33	33.81	8.13	.09
89/03/05	12:05	03/05	15:18	65-41.8S	048-29.3	2315	4.1	-3.0	14.7	10.74	-33	33.81	8.05	.09
89/03/05	12:10	03/05	15:24	65-41.5S	048-32.5	2382	3.7	-3.0	14.7	10.74	-16	33.80	8.16	.09
89/03/05	12:15	03/05	15:29	65-41.2S	048-35.8	2831	4.0	-3.0	14.5	10.74	-24	33.75	8.14	.10
89/03/05	12:20	03/05	15:34	65-41.1S	048-39.0	2836	4.1	-3.0	14.4	10.74	-33	33.81	8.17	.09
89/03/05	12:25	03/05	15:39	65-40.9S	048-42.2	2935	4.3	-3.0	14.8	10.74	-41	33.76	8.15	.10
89/03/05	12:30	03/05	15:45	65-40.6S	048-45.4	2976	3.6	-3.0	14.9	10.74	-50	33.81	8.12	.10
89/03/05	12:35	03/05	15:50	65-40.3S	048-48.5	3009	4.1	-3.0	14.7	10.74	-41	33.76	8.13	.10
89/03/05	12:40	03/05	15:55	65-40.1S	048-52.3	3169	3.7	-3.0	14.7	10.74	-41	33.76	8.11	.10
89/03/05	12:45	03/05	16:00	65-39.8S	048-55.5	3310	3.7	-3.0	14.4	10.74	-50	33.81	8.12	.10
89/03/05	12:50	03/05	16:05	65-39.6S	048-58.7	3285	3.7	-3.0	14.8	10.74	-50	33.81	8.12	.10
89/03/05	12:55	03/05	16:11	65-39.4S	049-01.9	3211	3.5	-3.0	14.6	10.74	-50	33.71	8.13	.10
89/03/05	13:00	03/05	16:16	65-39.1S	049-05.1	3245	3.5	-3.0	14.0	10.74	-58	33.76	8.10	.10
89/03/05	13:05	03/05	16:21	65-38.8S	049-08.3	3053	3.9	-3.0	14.8	10.66	-58	33.76	8.09	.10
89/03/05	13:10	03/05	16:26	65-38.3S	049-11.3	2974	3.6	-3.0	14.9	10.59	-58	33.76	8.12	.10
89/03/05	13:15	03/05	16:31	65-38.0S	049-14.6	3041	2.9	-3.0	14.8	10.59	-58	33.76	8.13	.10
89/03/05	13:20	03/05	16:37	65-37.7S	049-17.8	3108	2.9	-3.0	15.0	10.66	-50	33.81	8.14	.10
89/03/05	13:25	03/05	16:42	65-37.5S	049-20.9	3229	2.3	-3.0	14.5	10.66	-50	33.81	8.14	.10
89/03/05	13:30	03/05	16:47	65-37.3S	049-24.2	3045	2.6	-3.0	14.6	10.66	-41	33.76	8.10	.10
89/03/05	13:35	03/05	16:52	65-37.0S	049-27.4	2843	2.5	-3.0	14.5	10.66	-41	33.76	8.12	.10
89/03/05	13:40	03/05	16:58	65-36.7S	049-30.5	2748	2.2	-3.0	14.6	10.66	-50	33.81	8.10	.10
89/03/05	13:45	03/05	17:03	65-36.2S	049-33.5	2365	2.1	-3.0	14.0	10.66	-58	33.76	8.08	.10
89/03/05	13:50	03/05	17:08	65-36.0S	049-36.8	2571	2.1	-3.0	14.8	10.66	-75	33.77	8.06	.11
89/03/05	13:55	03/05	17:13	65-35.8S	049-40.0	2586	2.0	-3.0	14.7	10.66	-75	33.77	8.10	.11
89/03/05	14:00	03/05	17:18	65-35.2S	049-42.8	2490	1.9	-3.0	14.4	10.59	-67	33.82	8.14	.11
89/03/05	14:05	03/05	17:24	65-34.6S	049-45.5	2440	2.5	-3.0	14.7	10.81	-75	33.77	8.14	.11
89/03/05	14:10	03/05	17:29	65-33.8S	049-48.5	2248	2.0	-3.0	14.4	10.89	-67	33.82	8.13	.12
89/03/05	14:15	03/05	17:34	65-33.1S	049-51.4	2142	2.6	-3.0	14.8	10.66	-75	33.87	8.11	.11
89/03/05	14:20	03/05	17:39	65-32.6S	049-54.1	2054	2.3	-3.0	14.0	10.59	-1.00	33.72	8.06	.11
89/03/05	14:25	03/05	17:44	65-31.7S	049-53.5	2123	1.2	-3.0	11.4	10.66	-1.17	33.73	8.02	.11
89/03/05	14:30	03/05	17:49	65-32.4S	049-53.6	2131	.9	-3.0	12.0	10.66	-1.17	33.73	8.22	.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]
89/03/05	14:35	03/05	17:54	65-31.9S	049-55.9	1963	1.4	-3.0	12.1	10.59	-1.17	33.73	8.06	.12
89/03/05	14:40	03/05	17:59	65-32.3S	049-57.9	2000	1.2	-3.0	12.1	10.66	-1.17	33.73	8.14	.12
89/03/05	14:45	03/05	18:04	65-32.6S	049-56.5	1988	.7	-3.0	12.0	10.89	-1.00	33.72	8.17	.12
89/03/05	14:50	03/05	18:09	65-31.8S	049-57.1	1960	.8	-3.0	12.1	10.89	-1.09	33.78	8.18	.12
89/03/05	14:55	03/05	18:15	65-31.6S	050-00.2	2084	1.3	-3.0	14.8	10.89	-1.17	33.73	8.16	.12
89/03/05	15:00	03/05	18:20	65-31.3S	050-03.4	2179	1.1	-3.0	14.7	10.89	-.84	33.82	8.32	.12
89/03/05	15:05	03/05	18:25	65-30.2S	050-03.9	2237	1.3	-3.0	14.5	10.89	-.58	33.87	8.32	.12
89/03/05	15:10	03/05	18:30	65-29.8S	050-07.0	2341	1.5	-3.0	14.7	10.89	-.50	33.81	8.26	.12
89/03/05	15:15	03/05	18:35	65-29.5S	050-10.0	2516	1.3	-3.0	14.8	10.89	-.50	33.81	8.18	.12
89/03/05	15:20	03/05	18:40	65-29.1S	050-13.0	2521	.9	-3.0	14.5	10.89	-.58	33.87	8.13	.12
89/03/05	15:25	03/05	18:46	65-28.7S	050-16.0	2451	1.1	-3.0	14.7	10.89	-.58	33.87	8.10	.12
89/03/05	15:30	03/05	18:51	65-28.3S	050-19.1	2412	.9	-3.0	14.7	10.89	-.50	33.81	8.14	.12
89/03/05	15:35	03/05	18:56	65-28.3S	050-22.3	2237	1.0	-3.0	14.7	10.89	-.58	33.87	8.10	.12
89/03/05	15:40	03/05	19:01	65-28.0S	050-25.3	2206	.9	-3.0	14.1	10.89	-.67	33.82	8.04	.12
89/03/05	15:45	03/05	19:06	65-27.6S	050-28.3	2241	.6	-3.0	14.6	10.89	-.75	33.87	7.99	.12
89/03/05	15:50	03/05	19:12	65-27.2S	050-31.4	2340	.5	-3.0	15.1	10.89	-.67	33.82	8.11	.12
89/03/05	15:55	03/05	19:17	65-27.0S	050-34.7	2533	.8	-3.0	15.1	10.81	-.87	33.93	8.13	.12
89/03/05	16:00	03/05	19:22	65-26.6S	050-37.7	2761	.6	-3.0	14.6	10.74	-.84	33.82	8.12	.12
89/03/05	16:05	03/05	19:27	65-26.3S	050-40.7	2728	1.2	-3.0	14.9	10.74	-.84	33.72	8.10	.12
89/03/05	16:10	03/05	19:32	65-25.9S	050-43.8	2687	.9	-3.0	14.4	10.74	-.84	33.82	8.10	.12
89/03/05	16:15	03/05	19:38	65-25.6S	050-46.9	2655	.3	-3.0	14.5	10.74	-.84	33.82	8.14	.12
89/03/05	16:20	03/05	19:43	65-25.3S	050-49.9	2544	.5	-3.0	14.8	10.74	-.84	33.82	8.13	.12
89/03/05	16:25	03/05	19:48	65-24.9S	050-53.0	2700	.5	-3.0	14.3	10.74	-.75	33.87	8.17	.12
89/03/05	16:30	03/05	19:53	65-24.5S	050-56.0	2881	.5	-3.0	13.7	10.74	-.75	33.87	8.16	.12
89/03/05	16:35	03/05	19:58	65-24.2S	050-59.0	2630	.2	-3.0	14.7	10.74	-.75	33.77	8.14	.12
89/03/05	16:40	03/05	20:04	65-23.8S	051-02.2	2499	.4	-3.0	14.7	10.74	-.75	33.87	8.13	.12
89/03/05	16:45	03/05	20:09	65-23.5S	051-05.2	2202	.3	-3.0	15.1	10.74	-.75	33.87	8.13	.12
89/03/05	16:50	03/05	20:14	65-23.1S	051-08.3	2316	.3	-3.0	14.3	10.81	-.75	33.87	8.13	.12
89/03/05	16:55	03/05	20:19	65-22.6S	051-11.0	2263	.4	-3.0	14.5	10.81	-.75	33.87	8.16	.13
89/03/05	17:00	03/05	20:24	65-22.1S	051-14.1	2307	.3	-3.0	14.9	10.74	-.67	33.82	8.14	.12
89/03/05	17:05	03/05	20:30	65-21.8S	051-17.1	2202	.2	-3.0	14.9	10.74	-.75	33.87	8.11	.12
89/03/05	17:10	03/05	20:35	65-21.4S	051-20.2	2276	.3	-3.0	15.1	10.74	-.75	33.77	8.06	.12
89/03/05	17:15	03/05	20:40	65-21.1S	051-23.2	2522	-.1	-3.0	14.9	10.74	-.75	33.77	8.05	.13
89/03/05	17:20	03/05	20:45	65-20.6S	051-26.7	2666	0.0	-3.0	14.5	10.74	-.75	33.77	8.04	.12
89/03/05	17:25	03/05	20:50	65-20.2S	051-29.8	2882	-.1	-3.0	15.1	10.74	-.84	33.82	8.02	.13
89/03/05	17:30	03/05	20:56	65-19.9S	051-32.8	2503	0.0	-3.0	14.2	10.74	-.92	33.77	7.99	.13
89/03/05	17:35	03/05	21:01	65-19.5S	051-35.9	2343	-.2	-3.0	15.0	10.74	-1.00	33.83	7.97	.13
89/03/05	17:40	03/05	21:06	65-19.1S	051-38.9	2310	-.5	-3.0	14.6	10.74	-1.00	33.83	7.98	.13
89/03/05	17:45	03/05	21:11	65-18.8S	051-42.0	2712	-.6	-3.0	14.7	10.74	-.92	33.77	8.07	.13
89/03/05	17:50	03/05	21:17	65-18.4S	051-45.1	2252	-.4	-3.0	14.8	10.74	-1.00	33.83	8.04	.13
89/03/05	17:55	03/05	21:22	65-18.0S	051-48.1	1992	-.3	-3.0	14.4	10.74	-1.09	33.88	8.03	.13
89/03/05	18:00	03/05	21:27	65-17.6S	051-51.2	1763	.6	-3.0	15.1	10.74	-.92	33.77	8.13	.13
89/03/05	18:05	03/05	21:32	65-17.3S	051-54.3	1637	1.0	-3.0	15.0	10.74	-.92	33.77	8.11	.13
89/03/05	18:10	03/05	21:37	65-16.9S	051-57.4	1684	.3	-3.0	14.9	10.74	-.84	33.82	8.12	.13
89/03/05	18:15	03/05	21:43	65-16.6S	052-00.4	1702	-.2	-3.0	14.6	10.74	-.84	33.82	8.11	.13
89/03/05	18:20	03/05	21:48	65-16.1S	052-03.5	1766	-.4	-3.0	14.6	10.74	-.84	33.82	8.10	.13
89/03/05	18:25	03/05	21:53	65-15.8S	052-06.5	1767	-.6	-3.0	14.5	10.74	-.84	33.82	8.09	.13
89/03/05	18:30	03/05	21:58	65-15.4S	052-09.6	1666	-.5	-3.0	14.8	10.66	-.84	33.93	8.06	.13
89/03/05	18:35	03/05	22:03	65-15.1S	052-12.7	1807	-.3	-3.0	14.5	10.66	-.84	33.93	8.08	.13
89/03/05	18:40	03/05	22:09	65-14.7S	052-15.7	2014	.1	-3.0	15.1	10.66	-1.00	33.93	8.01	.13
89/03/05	18:45	03/05	22:14	65-14.2S	052-18.5	2300	.2	-3.0	14.4	10.74	-1.00	33.93	7.94	.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]
89/03/05	18:50	03/05	22:19	65-13.9S	052-21.5	2474	.3	-3.0	14.9	10.66	-1.00	33.93	7.91	.14
89/03/05	18:55	03/05	22:24	65-13.5S	052-24.5	2630	.4	-3.0	14.7	10.74	-.92	33.98	7.93	.14
89/03/05	19:00	03/05	22:29	65-13.1S	052-27.5	2906	.3	-3.0	13.8	10.66	-.75	33.98	7.98	.14
89/03/05	19:05	03/05	22:35	65-12.8S	052-30.5	3025	.1	-3.0	15.0	10.66	-.75	33.98	8.01	.14
89/03/05	19:10	03/05	22:40	65-12.5S	052-33.4	3125	.2	-3.0	14.5	10.66	-.75	33.98	7.99	.14
89/03/05	19:15	03/05	22:45	65-12.2S	052-36.5	3174	.1	-3.0	14.9	10.66	-.75	33.98	7.99	.14
89/03/05	19:20	03/05	22:50	65-12.0S	052-39.5	3220	-.4	-3.0	14.6	10.66	-.75	33.98	8.01	.13
89/03/05	19:25	03/05	22:55	65-11.6S	052-42.6	3186	.4	-3.0	15.0	10.69	-.75	33.98	8.02	.13
89/03/05	19:30	03/05	23:01	65-11.3S	052-45.7	2908	.8	-3.0	14.9	10.97	-.84	33.93	8.01	.14
89/03/05	19:35	03/05	23:06	65-10.9S	052-48.7	2453	.3	-3.0	14.7	10.97	-.84	33.93	7.96	.14
89/03/05	19:40	03/05	23:11	65-10.6S	052-51.8	2562	.2	-3.0	15.1	10.97	-.84	33.93	7.94	.14
89/03/05	19:45	03/05	23:16	65-10.3S	052-55.5	2483	-.3	-3.0	15.2	10.97	-.84	33.93	7.98	.14
89/03/05	19:50	03/05	23:21	65-09.9S	052-58.6	2369	-.2	-3.0	14.7	10.97	-.75	33.98	7.97	.14
89/03/05	19:55	03/05	23:27	65-09.5S	053-01.7	2357	-.3	-3.0	15.0	10.97	-.75	33.98	7.98	.14
89/03/05	20:00	03/05	23:32	65-09.1S	053-04.7	2236	-.3	-3.0	14.4	10.97	-.75	33.98	7.99	.14
89/03/05	20:05	03/05	23:37	65-08.8S	053-07.8	2193	-.3	-3.0	15.1	10.89	-.75	33.87	8.06	.14
89/03/05	20:10	03/05	23:42	65-08.4S	053-10.9	2313	0.0	-3.0	14.9	10.89	-.75	33.87	8.08	.14
89/03/05	20:15	03/05	23:47	65-08.0S	053-13.9	2034	-.6	-3.0	14.6	10.89	-.92	33.88	8.01	.13
89/03/05	20:20	03/05	23:53	65-07.5S	053-16.9	2368	-.8	-3.0	14.9	10.97	-1.00	33.83	7.93	.14
89/03/05	20:25	03/05	23:58	65-07.0S	053-19.9	2457	-.6	-3.0	14.7	10.97	-.92	33.88	7.97	.14
89/03/05	20:30	03/05	00:03	65-07.0S	053-22.2	2495	-.1	-3.0	14.2	10.97	-.84	33.93	8.01	.14
89/03/05	20:35	03/05	00:08	65-06.7S	053-25.3	2870	-.4	-3.0	14.9	11.04	-.84	33.93	8.02	.14
89/03/05	20:40	03/05	00:13	65-06.5S	053-27.7	2576	-.2	-3.0	14.7	11.04	-.84	33.93	8.07	.14
89/03/05	20:45	03/05	00:19	65-06.2S	053-31.4	2681	-.4	-3.0	15.0	11.04	-.92	33.88	8.06	.14
89/03/05	20:50	03/05	00:24	65-05.9S	053-34.5	3104	0.0	-3.0	14.4	11.04	-1.00	33.93	8.07	.14
89/03/05	20:55	03/05	00:29	65-05.7S	053-37.6	2762	.3	-3.0	15.2	10.97	-1.00	33.93	8.03	.14
89/03/05	21:00	03/05	00:34	65-05.5S	053-40.6	3121	.1	-3.0	14.8	11.04	-.92	33.88	8.02	.14
89/03/05	21:05	03/05	00:39	65-05.2S	053-43.7	3072	-.1	-3.0	14.8	11.04	-1.00	33.83	7.95	.14
89/03/05	21:10	03/05	00:45	65-04.9S	053-46.9	2713	0.0	-3.0	14.8	11.04	-1.00	33.83	7.95	.14
89/03/05	21:15	03/05	00:50	65-04.8S	053-49.8	2587	0.0	-3.0	14.6	11.04	-1.00	33.93	7.95	.14
89/03/05	21:20	03/05	00:55	65-04.5S	053-52.6	2456	.2	-3.0	14.7	10.97	-1.00	33.93	7.94	.14
89/03/05	21:25	03/05	01:00	65-04.3S	053-55.6	2293	0.0	-3.0	14.9	11.04	-1.00	33.93	7.98	.14
89/03/05	21:30	03/05	01:05	65-04.0S	053-58.7	2213	-.2	-3.0	14.6	11.04	-.92	33.88	8.03	.14
89/03/05	21:35	03/05	01:11	65-03.9S	054-02.2	1869	-.3	-3.0	15.1	11.04	-.92	33.88	8.01	.14
89/03/05	21:40	03/05	01:16	65-03.7S	054-05.3	1976	-.1	-3.0	15.1	11.04	-.92	33.88	7.93	.14
89/03/05	21:45	03/05	01:21	65-03.4S	054-08.3	2214	.2	-3.0	14.4	11.04	-1.00	33.93	7.90	.14
89/03/05	21:50	03/05	01:26	65-03.1S	054-11.4	2408	-.1	-3.0	14.8	11.04	-1.00	33.93	7.89	.14
89/03/05	21:55	03/05	01:31	65-02.9S	054-14.5	2528	-.4	-3.0	15.1	11.04	-1.00	33.93	7.92	.14
89/03/05	22:00	03/05	01:37	65-02.6S	054-17.6	2905	-.4	-3.0	14.9	11.04	-1.00	33.93	7.93	.14
89/03/05	22:05	03/05	01:42	65-02.4S	054-20.7	2691	.2	-3.0	14.7	11.04	-.92	33.88	7.98	.14
89/03/05	22:10	03/05	01:47	65-02.2S	054-23.8	2816	0.0	-3.0	15.1	11.04	-.92	33.88	8.01	.14
89/03/05	22:15	03/05	01:52	65-02.0S	054-26.8	2918	.1	-3.0	15.1	11.04	-.92	33.88	8.04	.14
89/03/05	22:20	03/05	01:57	65-01.8S	054-29.8	2643	.3	-3.0	14.9	11.04	-.92	33.98	8.01	.15
89/03/05	22:25	03/05	02:03	65-01.6S	054-32.9	3300	.5	-3.0	14.9	11.04	-.92	33.98	7.96	.15
89/03/05	22:30	03/05	02:08	65-01.3S	054-36.0	3632	.2	-3.0	15.0	11.04	-.92	33.98	7.95	.15
89/03/05	22:35	03/05	02:13	65-01.1S	054-39.1	3621	.1	-3.0	15.0	11.12	-.84	33.93	7.96	.15
89/03/05	22:40	03/05	02:18	65-00.8S	054-42.1	3441	.4	-3.0	15.0	11.12	-.75	33.87	7.98	.15
89/03/05	22:45	03/05	02:24	65-00.6S	054-45.1	3466	.2	-3.0	15.9	11.12	-.67	33.93	8.05	.14
89/03/05	22:50	03/05	02:29	65-00.3S	054-48.1	3789	.2	-3.0	15.1	11.12	-.67	33.93	8.08	.14
89/03/05	22:55	03/05	02:34	65-00.0S	054-51.2	3818	-.6	-3.0	14.8	11.12	-.68	33.97	8.08	.14
89/03/05	23:00	03/05	02:39	64-59.8S	054-54.2	3704	-.7	-3.0	14.2	11.12	-.33	33.91	8.11	.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]
89/03/05	23:05	03/06	02:44	84-59.5S	054-57.2	3560	-6	-3.0	15.3	11.12	-33	33.91	8.06	.14
89/03/05	23:10	03/06	02:50	84-59.2S	055-00.3	3787	-6	-3.0	15.0	11.12	-33	33.91	8.05	.14
89/03/05	23:15	03/06	02:55	84-58.9S	055-03.4	3858	-6	-3.0	15.2	11.12	-41	33.96	8.03	.14
89/03/05	23:20	03/06	03:00	84-58.6S	055-06.4	3772	-7	-3.0	15.2	11.12	-41	33.96	8.04	.13
89/03/05	23:25	03/06	03:05	84-58.3S	055-09.5	3939	-7	-3.0	15.2	11.19	-41	33.96	8.06	.14
89/03/05	23:30	03/06	03:10	84-58.0S	055-12.7	3998	-3	-3.0	15.3	11.19	-33	33.91	8.07	.13
89/03/05	23:35	03/06	03:16	84-58.0S	055-15.8	3969	-1	-3.0	14.9	11.19	-50	33.92	7.98	.13
89/03/05	23:40	03/06	03:21	84-58.0S	055-18.9	3886	-1	-3.0	15.0	11.19	-58	33.97	7.95	.13
89/03/05	23:45	03/06	03:26	84-58.0S	055-22.1	3788	0.0	-3.0	14.4	11.19	-58	33.97	7.90	.13
89/03/05	23:50	03/06	03:31	84-58.0S	055-24.5	3758	.1	-3.0	14.9	11.19	-67	33.93	7.88	.13
89/03/05	23:55	03/06	03:36	84-57.9S	055-28.3	3730	-2	-3.0	15.0	11.19	-84	33.93	7.88	.13
89/03/06	00:00	03/06	03:42	84-58.4S	055-31.7	3469	-2	-3.0	15.3	11.19	-75	33.98	7.93	.13
89/03/06	00:05	03/06	03:47	84-58.2S	055-34.8	3394	0.0	-3.0	15.1	11.19	-84	33.93	7.95	.14
89/03/06	00:10	03/06	03:52	84-58.0S	055-37.9	3284	.2	-3.0	14.9	11.19	-84	33.93	7.91	.14
89/03/06	00:15	03/06	03:57	84-57.7S	055-41.0	3171	.1	-3.0	15.0	11.19	-84	33.93	7.90	.14
89/03/06	00:20	03/06	04:02	84-57.5S	055-44.0	3247	.2	-3.0	15.0	11.19	-75	33.98	7.90	.14
89/03/06	00:25	03/06	04:08	84-57.2S	055-47.5	3272	.4	-3.0	15.0	11.19	-75	33.98	7.87	.14
89/03/06	00:30	03/06	04:13	84-57.0S	055-50.5	3196	.5	-3.0	14.7	11.12	-92	33.98	7.88	.14
89/03/06	00:35	03/06	04:18	84-56.8S	055-53.6	3126	.7	-3.0	15.0	11.19	-92	33.88	7.91	.14
89/03/06	00:40	03/06	04:23	84-56.6S	055-56.7	3039	.2	-3.0	14.4	11.19	-92	33.88	7.96	.14
89/03/06	00:45	03/06	04:28	84-56.3S	055-59.8	3101	.3	-3.0	15.0	11.19	-92	33.88	7.96	.14
89/03/06	00:50	03/06	04:34	84-55.9S	056-02.3	3104	.5	-3.0	14.9	11.12	-84	33.93	7.92	.14
89/03/06	00:55	03/06	04:39	84-55.7S	056-05.3	3291	.7	-3.0	15.0	11.12	-50	33.92	8.07	.13
89/03/06	01:00	03/06	04:44	84-55.4S	056-08.4	3357	.7	-3.0	15.2	11.12	-33	33.91	8.07	.13
89/03/06	01:05	03/06	04:49	84-55.2S	056-11.5	3397	.7	-3.0	14.7	11.12	-41	33.96	8.05	.13
89/03/06	01:10	03/06	04:54	84-55.0S	056-14.5	3394	.6	-3.0	15.0	11.12	-41	33.96	8.07	.13
89/03/06	01:15	03/06	05:00	84-54.7S	056-17.6	3436	.5	-3.0	14.9	11.12	-33	33.91	8.14	.13
89/03/06	01:20	03/06	05:05	84-54.4S	056-21.1	3546	.4	-3.0	15.1	11.19	-24	33.96	8.14	.13
89/03/06	01:25	03/06	05:10	84-54.1S	056-24.1	3279	.4	-3.0	14.7	11.19	-24	33.96	8.08	.12
89/03/06	01:30	03/06	05:15	84-53.9S	056-27.2	3522	.4	-3.0	14.8	11.19	-24	33.86	8.03	.12
89/03/06	01:35	03/06	05:21	84-53.6S	056-30.3	3560	.3	-3.0	14.8	11.12	-24	33.86	8.04	.13
89/03/06	01:40	03/06	05:26	84-53.4S	056-33.4	3725	.3	-3.0	15.1	11.19	-33	33.91	7.95	.13
89/03/06	01:45	03/06	05:31	84-53.2S	056-36.4	3687	.3	-3.0	14.8	11.12	-41	33.96	7.94	.13
89/03/06	01:50	03/06	05:36	84-52.9S	056-39.3	3790	.2	-3.0	14.8	11.12	-41	33.86	7.96	.13
89/03/06	01:55	03/06	05:41	84-52.7S	056-42.4	3751	.3	-3.0	14.8	11.12	-50	33.92	7.96	.13
89/03/06	02:00	03/06	05:47	84-52.4S	056-45.4	3756	.3	-3.0	15.1	11.12	-50	33.92	7.96	.13
89/03/06	02:05	03/06	05:52	84-52.2S	056-48.5	3813	.2	-3.0	15.2	11.12	-50	33.92	7.97	.13
89/03/06	02:10	03/06	05:57	84-52.0S	056-51.6	3806	.2	-3.0	14.9	11.12	-50	33.92	7.94	.13
89/03/06	02:15	03/06	06:02	84-51.7S	056-54.7	3843	.1	-3.0	14.9	11.12	-50	33.92	7.90	.13
89/03/06	02:20	03/06	06:07	84-51.5S	056-57.3	3779	.1	-3.0	15.1	11.12	-58	33.87	7.87	.13
89/03/06	02:25	03/06	06:13	84-51.3S	057-00.4	3709	.2	-3.0	15.0	11.19	-58	33.97	7.93	.13
89/03/06	02:30	03/06	06:18	84-51.1S	057-03.4	3644	.2	-3.0	14.9	11.12	-58	33.87	7.95	.13
89/03/06	02:35	03/06	06:23	84-50.8S	057-06.5	3588	.2	-3.0	14.7	11.12	-50	33.92	8.04	.13
89/03/06	02:40	03/06	06:28	84-50.6S	057-09.5	3613	.4	-3.0	14.9	11.12	-41	33.86	8.11	.12
89/03/06	02:45	03/06	06:33	84-50.3S	057-12.6	3630	.3	-3.0	15.1	11.12	-33	33.91	8.07	.12
89/03/06	02:50	03/06	06:39	84-50.1S	057-15.7	3665	.5	-3.0	14.9	11.19	-24	33.86	8.03	.12
89/03/06	02:55	03/06	06:44	84-49.9S	057-18.7	3667	.4	-3.0	14.6	11.12	-24	33.86	8.01	.12
89/03/06	03:00	03/06	06:49	84-49.6S	057-21.8	3681	.2	-3.0	14.9	11.12	-24	33.86	7.98	.12
89/03/06	03:05	03/06	06:54	84-49.4S	057-24.8	3689	.4	-3.0	14.6	11.12	-24	33.86	8.02	.12
89/03/06	03:10	03/06	06:59	84-49.2S	057-27.9	3706	.3	-3.0	14.7	11.12	-41	33.86	8.04	.12
89/03/06	03:15	03/06	07:05	84-48.9S	057-31.1	3731	.3	-3.0	14.6	11.12	-41	33.86	7.99	.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]
89/03/06	03:20	03/06	07:10	64-48.7S	057-34.2	3816	.4	-3.0	14.6	11.19	-33	33.91	8.06	.12
89/03/06	03:25	03/06	07:15	64-48.4S	057-37.3	3849	.5	-3.0	14.6	11.12	-24	33.86	8.04	.12
89/03/06	03:30	03/06	07:20	64-48.2S	057-40.3	3921	.4	-3.0	14.5	11.12	-24	33.86	7.98	.11
89/03/06	03:35	03/06	07:25	64-48.0S	057-44.4	4008	.3	-3.0	14.6	11.12	-24	33.86	7.96	.11
89/03/06	03:40	03/06	07:31	64-47.8S	057-47.5	4093	.2	-3.0	14.7	11.12	-33	33.91	7.93	.11
89/03/06	03:45	03/06	07:36	64-47.6S	057-50.6	4242	.2	-3.0	14.7	11.12	-41	33.86	7.95	.12
89/03/06	03:50	03/06	07:41	64-47.2S	057-53.3	4188	.2	-3.0	14.7	11.12	-33	33.81	7.99	.12
89/03/06	03:55	03/06	07:46	64-47.0S	057-56.4	4018	.3	-3.0	14.6	11.19	-41	33.86	8.03	.11
89/03/06	04:00	03/06	07:51	64-46.7S	057-59.5	4085	.2	-3.0	14.6	11.12	-24	33.86	8.05	.11
89/03/06	04:05	03/06	07:57	64-46.4S	058-02.7	4048	.1	-3.0	14.6	11.12	-24	33.86	8.05	.11
89/03/06	04:10	03/06	08:02	64-46.1S	058-05.8	3998	0.0	-3.0	14.7	11.12	-33	33.81	7.98	.11
89/03/06	04:15	03/06	08:07	64-45.9S	058-08.8	3962	.1	-3.0	14.6	11.12	-33	33.81	7.92	.11
89/03/06	04:20	03/06	08:12	64-45.7S	058-11.9	3986	0.0	-3.0	14.7	11.12	-16	33.80	7.99	.11
89/03/06	04:25	03/06	08:17	64-45.4S	058-14.9	4002	.2	-3.0	15.1	11.12	-07	33.85	8.05	.11
89/03/06	04:30	03/06	08:23	64-45.2S	058-18.1	3981	.2	-3.0	14.9	11.12	-16	33.80	8.03	.11
89/03/06	04:35	03/06	08:28	64-44.9S	058-21.2	3975	-.1	-3.0	14.9	11.12	-16	33.91	8.04	.11
89/03/06	04:40	03/06	08:33	64-44.7S	058-24.3	3995	0.0	-3.0	15.0	11.12	-24	33.86	7.99	.11
89/03/06	04:45	03/06	08:38	64-44.5S	058-27.5	3956	.7	-3.0	15.1	11.12	-24	33.86	7.94	.11
89/03/06	04:50	03/06	08:44	64-44.2S	058-30.5	3959	.4	-3.0	14.8	11.12	-33	33.81	7.91	.11
89/03/06	04:55	03/06	08:49	64-44.0S	058-33.7	3949	.4	-3.0	14.8	11.12	-41	33.86	7.85	.12
89/03/06	05:00	03/06	08:54	64-43.4S	058-36.4	3954	.4	-3.0	15.0	11.12	-50	33.81	7.84	.12
89/03/06	05:05	03/06	08:59	64-43.2S	058-39.5	3926	.8	-3.0	15.1	11.12	-50	33.81	7.84	.12
89/03/06	05:10	03/06	09:04	64-42.9S	058-42.6	3929	.5	-3.0	15.0	11.12	-50	33.81	7.89	.12
89/03/06	05:15	03/06	09:10	64-42.7S	058-45.7	3908	.5	-3.0	14.8	11.12	-58	33.87	7.93	.12
89/03/06	05:20	03/06	09:15	64-42.5S	058-48.8	3918	.5	-3.0	14.3	11.12	-50	33.81	7.94	.12
89/03/06	05:25	03/06	09:20	64-42.2S	058-52.0	3901	.7	-3.0	14.9	11.12	-50	33.81	7.90	.12
89/03/06	05:30	03/06	09:25	64-41.9S	058-55.1	3889	.6	-3.0	15.0	11.12	-50	33.81	7.90	.12
89/03/06	05:35	03/06	09:30	64-41.7S	058-58.2	3871	.7	-3.0	15.1	11.12	-41	33.76	7.91	.12
89/03/06	05:40	03/06	09:36	64-41.5S	059-01.4	3863	.9	-3.0	15.1	11.12	-50	33.81	7.88	.12
89/03/06	05:45	03/06	09:41	64-41.3S	059-04.5	3833	.9	-3.0	15.0	11.12	-33	33.81	7.96	.12
89/03/06	05:50	03/06	09:46	64-41.0S	059-07.6	3819	.9	-3.0	14.8	11.12	-24	33.75	7.99	.12
89/03/06	05:55	03/06	09:51	64-41.0S	059-10.5	3825	.8	-3.0	14.8	11.12	-24	33.75	8.06	.12
89/03/06	06:00	03/06	09:56	64-40.9S	059-13.6	3870	.7	-3.0	14.9	11.12	-16	33.80	8.11	.12
89/03/06	06:05	03/06	10:02	64-40.6S	059-16.7	3860	.6	-3.0	14.9	11.12	-16	33.70	8.04	.12
89/03/06	06:10	03/06	10:07	64-40.4S	059-19.9	3962	.7	-3.0	14.9	11.12	-16	33.70	7.94	.12
89/03/06	06:15	03/06	10:12	64-40.2S	059-23.0	4000	.6	-3.0	15.0	11.12	-07	33.65	7.92	.12
89/03/06	06:20	03/06	10:17	64-40.0S	059-26.1	4052	.5	-3.0	14.8	11.12	-07	33.75	7.97	.12
89/03/06	06:25	03/06	10:22	64-39.8S	059-29.2	4135	.3	-3.0	15.0	11.12	-16	33.70	8.01	.12
89/03/06	06:30	03/06	10:28	64-39.6S	059-32.3	4198	.7	-3.0	15.0	11.12	-33	33.70	7.90	.12
89/03/06	06:35	03/06	10:33	64-39.4S	059-35.4	4200	.4	-3.0	15.0	11.12	-41	33.76	7.90	.12
89/03/06	06:40	03/06	10:38	64-39.2S	059-38.5	4268	.5	-3.0	14.8	11.12	-41	33.76	7.90	.12
89/03/06	06:45	03/06	10:43	64-38.9S	059-41.6	4290	.6	-3.0	15.0	11.12	-41	33.76	7.90	.12
89/03/06	06:50	03/06	10:48	64-38.9S	059-44.2	4256	.6	-3.0	15.0	11.12	-41	33.76	7.87	.12
89/03/06	06:55	03/06	10:54	64-38.7S	059-47.2	4214	.7	-3.0	14.7	11.12	-41	33.76	7.87	.12
89/03/06	07:00	03/06	10:59	64-38.5S	059-50.3	4210	.8	-3.0	14.7	11.12	-24	33.65	7.93	.12
89/03/06	07:05	03/06	11:04	64-38.3S	059-53.3	4235	.7	-3.0	14.7	11.12	-24	33.75	7.96	.12
89/03/06	07:10	03/06	11:09	64-38.1S	059-56.4	4226	.6	-3.0	14.7	11.12	-33	33.70	7.93	.12
89/03/06	07:15	03/06	11:15	64-38.0S	060-00.2	4222	.7	-3.0	15.1	11.12	-16	33.70	7.98	.12
89/03/06	07:20	03/06	11:20	64-37.8S	060-03.4	4238	.6	-3.0	14.9	11.12	.01	33.69	7.97	.12
89/03/06	07:25	03/06	11:25	64-37.6S	060-06.5	4236	.1	-3.0	15.9	11.12	.10	33.64	8.03	.12
89/03/06	07:30	03/06	11:30	64-37.4S	060-09.6	4234	.1	-3.0	15.2	11.12	.10	33.64	7.96	.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]
89/03/06	07:35	03/06	11:35	84-37.2S	060-12.7	4169	.1	-3.0	14.8	11.12	.10	33.64	7.93	.12
89/03/06	07:40	03/06	11:41	84-37.0S	060-15.8	4228	.3	-3.0	15.1	11.12	.18	33.68	7.91	.12
89/03/06	07:45	03/06	11:46	84-37.0S	060-18.9	4231	.4	-3.0	15.1	11.12	.18	33.68	7.87	.12
89/03/06	07:50	03/06	11:51	84-38.8S	060-22.0	4234	.3	-3.0	14.9	11.04	.18	33.58	7.84	.12
89/03/06	07:55	03/06	11:56	84-36.7S	060-25.0	4231	.2	-3.0	15.0	11.04	.18	33.68	7.83	.11
89/03/06	08:00	03/06	12:01	84-36.4S	060-28.1	4229	.6	-3.0	15.0	10.97	.10	33.64	7.83	.12
89/03/06	08:05	03/06	12:07	84-36.2S	060-31.2	4241	.9	-3.0	15.1	10.89	.10	33.64	7.81	.12
89/03/06	08:10	03/06	12:12	84-36.1S	060-34.3	4248	.9	-3.0	15.1	10.89	.10	33.64	7.78	.12
89/03/06	08:15	03/06	12:17	84-35.8S	060-37.4	4230	.4	-3.0	15.1	10.89	.01	33.89	7.76	.12
89/03/06	08:20	03/06	12:22	84-35.7S	060-39.9	4243	.6	-3.0	15.0	10.89	.10	33.64	7.75	.12
89/03/06	08:25	03/06	12:27	84-35.5S	060-43.0	4219	.9	-3.0	14.9	10.89	.01	33.59	7.71	.12
89/03/06	08:30	03/06	12:33	84-35.3S	060-46.1	4210	1.0	-3.0	14.9	10.89	-.07	33.65	7.66	.12
89/03/06	08:35	03/06	12:38	84-35.1S	060-49.1	4222	1.1	-3.0	14.9	10.89	.01	33.59	7.69	.12
89/03/06	08:40	03/06	12:43	84-34.8S	060-52.0	4239	1.2	-3.0	15.1	10.89	-.07	33.65	7.69	.12
89/03/06	08:45	03/06	12:48	84-34.6S	060-55.0	4204	1.4	-3.0	15.0	10.89	-.16	33.70	7.73	.12
89/03/06	08:50	03/06	12:53	84-34.4S	060-58.1	4186	1.9	-3.0	14.9	10.89	-.16	33.60	7.71	.13
89/03/06	08:55	03/06	12:59	84-34.3S	061-01.2	4181	2.4	-3.0	15.1	10.89	-.16	33.60	7.75	.13
89/03/06	09:00	03/06	13:04	84-34.0S	061-04.3	4172	3.1	-3.0	15.0	10.89	-.16	33.60	7.78	.13
89/03/06	09:05	03/06	13:09	84-33.8S	061-07.3	4157	3.4	-3.0	14.9	10.89	-.16	33.60	7.76	.13
89/03/06	09:10	03/06	13:14	84-33.7S	061-10.4	4145	2.0	-3.0	14.8	10.89	-.16	33.60	7.75	.13
89/03/06	09:15	03/06	13:19	84-33.5S	061-13.4	4128	1.8	-3.0	14.9	10.89	-.16	33.60	7.69	.13
89/03/06	09:20	03/06	13:25	84-33.2S	061-16.5	4112	1.9	-3.0	14.9	10.89	-.16	33.60	7.70	.13
89/03/06	09:25	03/06	13:30	84-33.1S	061-19.6	4096	2.7	-3.0	15.1	10.89	-.24	33.65	7.71	.13
89/03/06	09:30	03/06	13:35	84-32.9S	061-22.7	4082	2.1	-3.0	14.8	10.89	-.24	33.65	7.73	.13
89/03/06	09:35	03/06	13:40	84-32.6S	061-25.7	4065	2.7	-3.0	15.0	10.89	-.33	33.60	7.72	.13
89/03/06	09:40	03/06	13:45	84-32.5S	061-28.7	4044	2.0	-3.0	15.0	10.89	-.33	33.60	7.74	.13
89/03/06	09:45	03/06	13:51	84-32.2S	061-30.6	4026	1.4	-3.0	14.9	10.89	-.24	33.65	7.76	.14
89/03/06	09:50	03/06	13:56	84-32.0S	061-33.7	4010	1.4	-3.0	14.8	10.89	-.16	33.60	7.79	.14
89/03/06	09:55	03/06	14:01	84-31.8S	061-36.7	3987	1.5	-3.0	15.0	10.89	-.24	33.65	7.75	.14
89/03/06	10:00	03/06	14:06	84-31.6S	061-39.7	3966	1.0	-3.0	14.7	10.89	-.24	33.65	7.72	.14
89/03/06	10:05	03/06	14:11	84-31.4S	061-42.7	3938	1.3	-3.0	14.9	10.89	-.24	33.65	7.72	.14
89/03/06	10:10	03/06	14:17	84-31.3S	061-45.7	3914	1.8	-3.0	14.8	10.89	-.16	33.60	7.78	.14
89/03/06	10:15	03/06	14:22	84-31.0S	061-48.7	3882	1.5	-3.0	14.8	10.89	-.16	33.60	7.79	.14
89/03/06	10:20	03/06	14:27	84-30.8S	061-51.7	3854	1.2	-3.0	14.9	10.89	-.24	33.65	7.77	.14
89/03/06	10:25	03/06	14:32	84-30.7S	061-54.7	3671	1.2	-3.0	14.9	10.81	-.33	33.70	7.78	.14
89/03/06	10:30	03/06	14:37	84-30.4S	061-57.8	3801	1.1	-3.0	15.1	10.81	-.16	33.60	7.84	.14
89/03/06	10:35	03/06	14:43	84-30.2S	062-00.8	3770	1.1	-3.0	15.0	10.81	-.07	33.65	7.90	.14
89/03/06	10:40	03/06	14:48	84-30.0S	062-03.8	3735	1.3	-3.0	15.0	10.89	-.07	33.65	7.91	.14
89/03/06	10:45	03/06	14:53	84-29.8S	062-06.8	3708	1.5	-3.0	14.7	10.89	.01	33.59	7.90	.14
89/03/06	10:50	03/06	14:58	84-29.6S	062-09.8	3678	2.2	-3.0	14.7	10.81	.01	33.89	7.91	.14
89/03/06	10:55	03/06	15:03	84-29.5S	062-12.4	3651	2.5	-3.0	13.9	10.89	.10	33.64	7.94	.14
89/03/06	11:00	03/06	15:09	84-29.3S	062-15.4	3615	1.4	-3.0	15.2	10.81	.01	33.89	7.90	.14
89/03/06	11:05	03/06	15:14	84-29.1S	062-18.4	3580	1.2	-3.0	15.0	10.81	-.07	33.65	7.85	.14
89/03/06	11:10	03/06	15:19	84-29.0S	062-21.4	3553	1.5	-3.0	14.5	10.89	-.16	33.70	7.72	.14
89/03/06	11:15	03/06	15:24	84-28.9S	062-24.4	3494	1.5	-3.0	14.5	10.81	-.24	33.65	7.74	.15
89/03/06	11:20	03/06	15:29	84-28.7S	062-27.3	3474	1.0	-3.0	14.5	10.81	-.24	33.75	7.73	.15
89/03/06	11:25	03/06	15:35	84-28.6S	062-30.4	3456	2.9	-3.0	2.1	10.81	-.24	33.65	7.82	.15
89/03/06	11:30	03/06	15:40	84-28.5S	062-32.8	3438	2.6	-3.0	15.1	10.81	-.24	33.65	7.79	.15
89/03/06	11:35	03/06	15:45	84-28.3S	062-35.9	3463	2.6	-3.0	14.9	10.81	-.33	33.70	7.81	.15
89/03/06	11:40	03/06	15:50	84-28.2S	062-38.9	3483	2.5	-3.0	15.1	10.81	-.33	33.70	7.81	.15
89/03/06	11:45	03/06	15:55	84-28.1S	062-41.9	3535	2.4	-3.0	15.0	10.81	-.33	33.70	7.82	.15

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]
89/03/06	11:50	03/06	16:01	64-27.6S	062-46.1	3652	2.4	-3.0	14.7	10.89	-33	33.70	7.81	.16
89/03/06	11:55	03/06	16:06	64-27.4S	062-49.1	3703	1.5	-3.0	14.6	10.81	-33	33.70	7.83	.15
89/03/06	12:00	03/06	16:11	64-27.3S	062-52.2	3873	1.5	-3.0	14.9	10.81	-33	33.70	7.79	.15
89/03/06	12:05	03/06	16:16	64-27.1S	062-55.3	3847	2.3	-3.0	15.1	10.81	-41	33.76	7.82	.16
89/03/06	12:10	03/06	16:21	64-27.0S	062-58.3	3886	2.1	-3.0	15.0	10.81	-33	33.70	7.82	.16
89/03/06	12:15	03/06	16:27	64-26.8S	063-01.4	3902	2.1	-3.0	15.1	10.81	-33	33.70	7.84	.16
89/03/06	12:20	03/06	16:32	64-26.5S	063-04.4	3924	2.6	-3.0	15.0	10.81	-33	33.70	7.82	.16
89/03/06	12:25	03/06	16:37	64-26.2S	063-07.4	3942	2.5	-3.0	14.9	10.81	-33	33.70	7.86	.16
89/03/06	12:30	03/06	16:42	64-25.9S	063-10.4	3959	2.2	-3.0	15.1	10.81	-33	33.81	7.81	.16
89/03/06	12:35	03/06	16:47	64-25.6S	063-13.4	3929	2.0	-3.0	15.1	10.81	-24	33.75	7.83	.17
89/03/06	12:40	03/06	16:53	64-25.3S	063-16.4	3934	1.7	-3.0	14.9	10.81	-24	33.75	7.84	.17
89/03/06	12:45	03/06	16:58	64-25.0S	063-19.4	3942	1.5	-3.0	15.0	10.81	-24	33.75	7.84	.16
89/03/06	12:50	03/06	17:03	64-24.7S	063-22.4	3942	2.4	-3.0	14.8	10.81	-24	33.75	7.82	.17
89/03/06	12:55	03/06	17:08	64-24.4S	063-25.4	3965	1.5	-3.0	14.8	10.81	-33	33.81	7.83	.17
89/03/06	13:00	03/06	17:13	64-24.1S	063-28.4	3952	1.4	-3.0	14.8	10.81	-24	33.75	7.81	.17
89/03/06	13:05	03/06	17:19	64-23.8S	063-31.4	3935	1.2	-3.0	14.9	10.81	-24	33.75	7.79	.17
89/03/06	13:10	03/06	17:24	64-23.6S	063-34.4	3933	1.2	-3.0	15.1	10.81	-16	33.70	7.74	.17
89/03/06	13:15	03/06	17:29	64-23.2S	063-37.4	3936	1.8	-3.0	15.0	10.81	-16	33.80	7.73	.17
89/03/06	13:20	03/06	17:34	64-22.9S	063-40.4	3935	1.4	-3.0	15.1	10.81	-07	33.75	7.73	.17
89/03/06	13:25	03/06	17:39	64-22.6S	063-43.4	3954	2.4	-3.0	14.9	10.81	-07	33.75	7.75	.17
89/03/06	13:30	03/06	17:45	64-22.3S	063-46.3	3972	1.8	-3.0	14.7	10.81	-16	33.80	7.71	.17
89/03/06	13:35	03/06	17:50	64-22.0S	063-49.3	3961	1.1	-3.0	14.7	10.81	-33	33.81	7.64	.18
89/03/06	13:40	03/06	17:55	64-21.7S	063-52.3	3969	.7	-3.0	14.6	10.81	-33	33.81	7.66	.18
89/03/06	13:45	03/06	18:00	64-21.4S	063-55.3	3989	1.4	-3.0	14.9	10.81	-33	33.81	7.68	.18
89/03/06	13:50	03/06	18:05	64-21.1S	063-58.3	4012	1.0	-3.0	14.7	10.81	-24	33.75	7.71	.18
89/03/06	13:55	03/06	18:11	64-20.8S	064-01.3	3997	.5	-3.0	14.8	10.81	-16	33.70	7.77	.18
89/03/06	14:00	03/06	18:16	64-20.5S	064-04.3	3995	1.5	-3.0	15.0	10.81	-24	33.75	7.74	.18
89/03/06	14:05	03/06	18:21	64-20.2S	064-07.3	4022	1.4	-3.0	15.0	10.81	-24	33.75	7.74	.18
89/03/06	14:10	03/06	18:26	64-19.9S	064-10.3	3994	1.2	-3.0	14.6	10.81	-24	33.75	7.77	.18
89/03/06	14:15	03/06	18:31	64-19.6S	064-13.3	3987	.7	-3.0	15.0	10.81	-24	33.75	7.74	.18
89/03/06	14:20	03/06	18:37	64-19.3S	064-16.3	3984	.5	-3.0	14.9	10.81	-16	33.80	7.79	.18
89/03/06	14:25	03/06	18:42	64-19.0S	064-19.2	3985	1.2	-3.0	15.0	10.81	-16	33.80	7.77	.18
89/03/06	14:30	03/06	18:47	64-18.7S	064-22.3	3981	1.6	-3.0	15.0	10.81	.01	33.69	7.81	.18
89/03/06	14:35	03/06	18:52	64-18.4S	064-25.3	3971	1.6	-3.0	15.0	10.81	.01	33.79	7.81	.18
89/03/06	14:40	03/06	18:57	64-18.1S	064-28.3	3970	1.4	-3.0	15.0	10.81	.01	33.79	7.82	.17
89/03/06	14:45	03/06	19:03	64-17.8S	064-31.2	3900	1.2	-3.0	14.9	10.81	.01	33.79	7.80	.17
89/03/06	14:50	03/06	19:08	64-17.5S	064-35.0	3903	.6	-3.0	15.2	10.81	.10	33.74	7.81	.18
89/03/06	14:55	03/06	19:13	64-17.6S	064-38.0	3888	.6	-3.0	15.0	10.89	.10	33.74	7.81	.17
89/03/06	15:00	03/06	19:18	64-17.3S	064-41.0	3902	.6	-3.0	15.1	10.89	.10	33.74	7.78	.17
89/03/06	15:05	03/06	19:23	64-17.0S	064-44.0	3903	.8	-3.0	15.0	10.89	.10	33.74	7.73	.17
89/03/06	15:10	03/06	19:29	64-16.7S	064-47.0	3901	.7	-3.0	15.0	10.89	.01	33.79	7.63	.17
89/03/06	15:15	03/06	19:34	64-16.4S	064-50.0	3910	.7	-3.0	15.0	10.81	.01	33.79	7.70	.18
89/03/06	15:20	03/06	19:39	64-16.1S	064-53.0	3910	.5	-3.0	14.9	10.89	.10	33.74	7.75	.18
89/03/06	15:25	03/06	19:44	64-15.8S	064-56.1	3910	.8	-3.0	15.2	10.89	.10	33.74	7.74	.18
89/03/06	15:30	03/06	19:49	64-15.5S	064-59.1	3906	.8	-3.0	14.9	10.89	.10	33.74	7.70	.18
89/03/06	15:35	03/06	19:55	64-15.8S	065-01.7	3890	.8	-3.0	15.1	10.89	.01	33.79	7.64	.18
89/03/06	15:40	03/06	20:00	64-15.6S	065-04.7	3889	.7	-3.0	15.1	10.81	.10	33.74	7.73	.17
89/03/06	15:45	03/06	20:05	64-15.2S	065-07.7	3889	.8	-3.0	14.8	10.81	.18	33.79	7.82	.18
89/03/06	15:50	03/06	20:10	64-15.0S	065-10.7	3883	.8	-3.0	14.9	10.81	.18	33.79	7.79	.17
89/03/06	15:55	03/06	20:15	64-14.7S	065-13.7	3757	.6	-3.0	14.9	10.81	.18	33.79	7.82	.17
89/03/06	16:00	03/06	20:21	64-14.5S	065-16.6	3862	.4	-3.0	15.0	10.81	.18	33.79	7.77	.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]
89/03/06	16:05	03/06	20:26	84-14.2S	065-19.6	3847	.7	-3.0	15.1	10.81	.10	33.74	7.72	.17
89/03/06	16:10	03/06	20:31	84-13.9S	065-22.6	3861	.7	-3.0	15.1	10.81	.18	33.79	7.74	.17
89/03/06	16:15	03/06	20:36	84-13.5S	065-25.6	3812	1.0	-3.0	14.8	10.81	.18	33.79	7.74	.17
89/03/06	16:20	03/08	20:41	84-13.1S	065-29.8	3793	1.3	-3.0	14.9	10.81	.18	33.79	7.70	.17
89/03/06	16:25	03/06	20:47	84-12.8S	065-32.8	3794	1.6	-3.0	15.0	10.81	.18	33.79	7.72	.17
89/03/06	16:30	03/06	20:52	84-12.4S	065-35.8	3815	1.7	-3.0	14.8	10.81	.18	33.79	7.71	.17
89/03/06	16:35	03/06	20:57	84-12.1S	065-38.8	3841	1.3	-3.0	14.9	10.81	.18	33.79	7.72	.17
89/03/06	16:40	03/06	21:02	84-11.7S	065-41.8	3854	1.0	-3.0	15.0	10.81	.18	33.79	7.89	.17
89/03/06	16:45	03/06	21:07	84-11.3S	065-44.7	3871	.6	-3.0	15.1	10.81	.18	33.79	7.71	.17
89/03/06	16:50	03/06	21:13	84-10.9S	065-47.7	3884	.2	-3.0	15.0	10.89	.18	33.79	7.67	.17
89/03/06	16:55	03/06	21:18	84-10.6S	065-50.7	3889	.4	-3.0	14.9	10.81	.18	33.79	7.64	.17
89/03/06	17:00	03/06	21:23	84-10.4S	065-53.7	3893	.5	-3.0	14.9	10.81	.18	33.79	7.60	.18
89/03/06	17:05	03/06	21:28	84-10.1S	065-56.8	3891	1.0	-3.0	15.0	10.81	.25	33.74	7.67	.18
89/03/06	17:10	03/06	21:33	84-09.8S	065-59.8	3889	1.2	-3.0	14.9	10.81	.26	33.74	7.66	.18
89/03/06	17:15	03/06	21:39	84-09.6S	066-02.8	3887	1.0	-3.0	14.9	10.81	.35	33.68	7.72	.18
89/03/06	17:20	03/06	21:44	84-08.9S	066-06.2	3886	1.1	-3.0	15.0	10.81	.26	33.74	7.72	.18
89/03/06	17:25	03/06	21:49	84-08.6S	066-09.3	3884	.9	-3.0	14.8	10.81	.18	33.79	7.68	.18
89/03/06	17:30	03/06	21:54	84-08.3S	066-12.4	3883	.8	-3.0	15.2	10.81	.10	33.74	7.67	.18
89/03/06	17:35	03/06	22:00	84-08.0S	066-15.4	3881	.5	-3.0	15.0	10.89	.18	33.79	7.70	.18
89/03/06	17:40	03/06	22:05	84-07.7S	066-18.5	3874	1.3	-3.0	14.9	10.81	.18	33.79	7.67	.18
89/03/06	17:45	03/06	22:10	84-07.5S	066-21.5	3869	.7	-3.0	15.3	10.81	.10	33.74	7.63	.18
89/03/06	17:50	03/06	22:15	84-07.2S	066-24.6	3859	.9	-3.0	15.0	10.81	.10	33.74	7.60	.18
89/03/06	17:55	03/06	22:20	84-06.9S	066-27.7	3850	.9	-3.0	15.1	10.81	.10	33.74	7.57	.18
89/03/06	18:00	03/06	22:26	84-06.6S	066-30.7	3842	.5	-3.0	14.8	10.81	.01	33.79	7.62	.18
89/03/06	18:05	03/06	22:31	84-06.4S	066-33.7	3836	1.2	-3.0	15.2	10.81	.01	33.79	7.59	.18
89/03/06	18:10	03/06	22:36	84-06.1S	066-36.8	3832	1.1	-3.0	14.9	10.81	-.16	33.80	7.59	.18
89/03/06	18:15	03/06	22:41	84-05.8S	066-39.8	3827	.6	-3.0	15.1	10.81	-.16	33.80	7.66	.18
89/03/06	18:20	03/06	22:46	84-04.7S	066-42.4	3825	1.3	-3.0	15.1	10.81	-.16	33.80	7.72	.18
89/03/06	18:25	03/06	22:52	84-04.4S	066-45.5	3818	1.2	-3.0	14.9	10.81	-.16	33.80	7.68	.18
89/03/06	18:30	03/06	22:57	84-04.1S	066-48.5	3817	1.1	-3.0	14.9	10.81	-.16	33.80	7.62	.18
89/03/06	18:35	03/06	23:02	84-03.8S	066-51.5	3804	.5	-3.0	14.7	10.89	-.24	33.75	7.59	.19
89/03/06	18:40	03/06	23:07	84-03.5S	066-54.5	3807	1.0	-3.0	14.8	10.81	-.07	33.75	7.70	.19
89/03/06	18:45	03/06	23:12	84-03.3S	066-57.5	3796	.6	-3.0	14.9	10.81	-.07	33.75	7.75	.19
89/03/06	18:50	03/06	23:18	84-03.3S	067-00.6	3782	.7	-3.0	14.8	10.81	-.16	33.80	7.69	.19
89/03/06	18:55	03/06	23:23	84-03.4S	067-03.7	3776	.7	-3.0	14.9	10.81	-.07	33.75	7.78	.19
89/03/06	19:00	03/06	23:28	84-03.2S	067-06.7	3767	.5	-3.0	14.9	10.81	-.07	33.75	7.79	.19
89/03/06	19:05	03/06	23:33	84-03.1S	067-09.8	3762	.5	-3.0	14.8	10.81	-.07	33.75	7.83	.19
89/03/06	19:10	03/06	23:38	84-02.9S	067-12.9	3766	.5	-3.0	15.1	10.81	-.07	33.75	7.79	.19
89/03/06	19:15	03/06	23:43	84-02.8S	067-14.3	3750	.3	-3.0	15.0	10.81	-.07	33.75	7.74	.19
89/03/06	19:20	03/06	23:49	84-02.6S	067-17.3	3739	.3	-3.0	15.0	10.81	-.16	33.80	7.66	.19
89/03/06	19:25	03/06	23:54	84-02.5S	067-20.3	3739	.5	-3.0	14.7	10.81	-.16	33.80	7.62	.19
89/03/06	19:30	03/06	23:59	84-02.2S	067-23.3	3725	.8	-3.0	14.7	10.81	-.16	33.80	7.69	.19
89/03/06	19:35	03/07	00:04	84-01.9S	067-26.3	3721	1.0	-3.0	14.9	10.89	-.24	33.86	7.64	.19
89/03/06	19:40	03/07	00:09	84-01.6S	067-29.2	3711	1.3	-3.0	14.8	10.81	-.33	33.81	7.84	.19
89/03/06	19:45	03/07	00:15	84-01.3S	067-32.2	3690	1.4	-3.0	14.7	10.81	-.24	33.86	7.71	.19
89/03/06	19:50	03/07	00:20	84-01.1S	067-34.6	3676	1.7	-3.0	14.9	10.89	-.07	33.75	7.76	.19
89/03/06	19:55	03/07	00:25	84-01.0S	067-37.5	3658	1.2	-3.0	15.0	10.81	-.07	33.75	7.76	.19
89/03/06	20:00	03/07	00:30	84-00.7S	067-40.4	3651	1.1	-3.0	15.0	10.81	-.07	33.75	7.71	.19
89/03/06	20:05	03/07	00:35	84-00.6S	067-43.2	3621	1.4	-3.0	15.2	10.81	.01	33.79	7.72	.19
89/03/06	20:10	03/07	00:41	84-00.4S	067-46.2	3608	.8	-3.0	15.1	10.89	.01	33.79	7.74	.19
89/03/06	20:15	03/07	00:46	84-00.1S	067-49.1	3581	.5	-3.0	14.0	10.89	.10	33.74	7.74	.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]
89/03/06	20:20	03/07	00:51	63-59.9S	067-52.0	3560	.4	-3.0	14.9	10.81	-.07	33.85	7.68	.19
89/03/06	20:25	03/07	00:56	63-59.7S	067-55.0	3542	.2	-3.0	15.0	10.81	-.16	33.80	7.60	.19
89/03/06	20:30	03/07	01:01	63-59.5S	067-57.9	3515	1.2	-3.0	15.2	10.89	-.07	33.75	7.68	.19
89/03/06	20:35	03/07	01:07	63-59.2S	068-00.8	3488	1.0	-3.0	15.0	10.89	-.24	33.75	7.59	.19
89/03/06	20:40	03/07	01:12	63-58.9S	068-03.8	3458	.7	-3.0	14.9	10.89	-.33	33.81	7.53	.19
89/03/06	20:45	03/07	01:17	63-58.7S	068-06.7	3421	.5	-3.0	14.9	10.89	-.33	33.81	7.57	.19
89/03/06	20:50	03/07	01:22	63-58.6S	068-10.0	3415	.6	-3.0	14.7	10.89	-.33	33.81	7.57	.19
89/03/06	20:55	03/07	01:27	63-58.3S	068-13.0	3436	.6	-3.0	15.1	10.81	-.33	33.81	7.62	.19
89/03/06	21:00	03/07	01:33	63-58.1S	068-15.9	3453	.8	-3.0	15.1	10.81	-.24	33.75	7.67	.19
89/03/06	21:05	03/07	01:38	63-57.8S	068-18.8	3475	1.7	-3.0	14.8	10.89	-.24	33.86	7.70	.19
89/03/06	21:10	03/07	01:43	63-57.5S	068-22.0	3488	1.1	-3.0	14.9	10.81	.01	33.79	7.82	.19
89/03/06	21:15	03/07	01:48	63-57.2S	068-25.0	3499	.7	-3.0	15.0	10.81	.18	33.79	7.84	.19
89/03/06	21:20	03/07	01:53	63-56.9S	068-28.0	3506	.9	-3.0	15.1	10.89	.18	33.79	7.77	.19
89/03/06	21:25	03/07	01:59	63-56.7S	068-31.0	3512	1.5	-3.0	14.9	10.89	.18	33.79	7.72	.19
89/03/06	21:30	03/07	02:04	63-56.7S	068-34.1	3517	1.5	-3.0	15.0	10.89	.10	33.84	7.71	.19
89/03/06	21:35	03/07	02:09	63-56.5S	068-37.1	3521	1.6	-3.0	14.9	10.89	.10	33.74	7.66	.19
89/03/06	21:40	03/07	02:14	63-56.2S	068-40.1	3514	1.6	-3.0	15.1	10.89	.10	33.74	7.69	.19
89/03/06	21:45	03/07	02:19	63-56.0S	068-43.1	3516	1.2	-3.0	15.0	10.89	.10	33.74	7.72	.19
89/03/06	21:50	03/07	02:25	63-55.7S	068-46.1	3520	1.2	-3.0	15.0	10.89	.10	33.84	7.72	.19
89/03/06	21:55	03/07	02:30	63-55.4S	068-49.0	3526	1.2	-3.0	15.3	10.89	.18	33.79	7.73	.18
89/03/06	22:00	03/07	02:35	63-55.2S	068-52.0	3527	1.1	-3.0	14.7	10.89	.26	33.74	7.73	.19
89/03/06	22:05	03/07	02:40	63-55.0S	068-54.7	3524	.8	-3.0	15.0	10.89	.18	33.79	7.66	.18
89/03/06	22:10	03/07	02:45	63-54.7S	068-57.7	3528	.7	-3.0	15.1	10.89	.10	33.84	7.61	.19
89/03/06	22:15	03/07	02:51	63-54.5S	069-00.6	3522	.8	-3.0	14.9	10.89	.01	33.79	7.60	.19
89/03/06	22:20	03/07	02:56	63-54.2S	069-03.5	3527	.8	-3.0	14.9	10.89	.10	33.74	7.61	.19
89/03/06	22:25	03/07	03:01	63-54.1S	069-06.7	3522	1.2	-3.0	15.2	10.89	.10	33.74	7.68	.19
89/03/06	22:30	03/07	03:06	63-53.8S	069-09.7	3529	1.0	-3.0	15.1	10.89	.10	33.74	7.70	.19
89/03/06	22:35	03/07	03:11	63-53.6S	069-12.7	3531	.6	-3.0	14.9	10.89	.01	33.79	7.63	.19
89/03/06	22:40	03/07	03:17	63-53.3S	069-15.6	3525	.6	-3.0	14.8	10.89	.01	33.79	7.61	.19
89/03/06	22:45	03/07	03:22	63-53.0S	069-18.5	3522	.7	-3.0	15.0	10.89	.01	33.79	7.56	.19
89/03/06	22:50	03/07	03:27	63-52.7S	069-21.5	3517	.8	-3.0	14.9	10.89	.01	33.79	7.56	.19
89/03/06	22:55	03/07	03:32	63-52.4S	069-24.4	3512	.8	-3.0	14.9	10.89	.01	33.79	7.55	.19
89/03/06	23:00	03/07	03:37	63-52.3S	069-27.4	3504	.9	-3.0	14.6	10.89	.01	33.79	7.57	.19
89/03/06	23:05	03/07	03:43	63-52.0S	069-30.2	3490	.8	-3.0	15.0	10.81	.01	33.79	7.61	.19
89/03/06	23:10	03/07	03:48	63-51.7S	069-33.2	3487	.8	-3.0	15.0	10.89	.01	33.79	7.62	.19
89/03/06	23:15	03/07	03:53	63-51.4S	069-36.1	3482	.8	-3.0	14.9	10.89	.01	33.79	7.60	.19
89/03/06	23:20	03/07	03:58	63-51.1S	069-39.1	3512	.7	-3.0	14.9	10.89	.01	33.79	7.56	.20
89/03/06	23:25	03/07	04:03	63-50.8S	069-42.0	3548	.7	-3.0	15.0	10.89	-.07	33.75	7.51	.19
89/03/06	23:30	03/07	04:08	63-50.6S	069-44.9	3574	.8	-3.0	15.0	10.89	-.07	33.75	7.49	.20
89/03/06	23:35	03/07	04:14	63-50.3S	069-47.9	3600	.8	-3.0	14.9	10.89	-.07	33.75	7.53	.20
89/03/06	23:40	03/07	04:19	63-50.0S	069-50.8	3621	.6	-3.0	15.1	10.89	-.16	33.80	7.50	.20
89/03/06	23:45	03/07	04:24	63-49.7S	069-53.7	3632	.7	-3.0	14.9	10.89	-.24	33.86	7.51	.20
89/03/06	23:50	03/07	04:29	63-49.4S	069-56.6	3660	.7	-3.0	14.8	10.89	-.16	33.80	7.59	.20
89/03/06	23:55	03/07	04:34	63-49.1S	069-59.6	3532	.7	-3.0	14.8	10.89	-.07	33.75	7.67	.20
89/03/07	00:00	03/07	04:40	63-49.1S	070-00.8	3653	.3	-3.0	14.9	10.89	-.07	33.75	7.63	.20
89/03/07	00:05	03/07	04:45	63-48.9S	070-03.6	3649	-.1	-3.0	15.1	10.89	-.07	33.75	7.59	.20
89/03/07	00:10	03/07	04:50	63-48.6S	070-06.5	3667	-.2	-3.0	15.1	10.89	-.07	33.85	7.60	.20
89/03/07	00:15	03/07	04:55	63-48.4S	070-09.4	3684	-.3	-3.0	15.1	10.89	.01	33.79	7.61	.20
89/03/07	00:20	03/07	05:00	63-48.1S	070-12.2	3678	-.3	-3.0	14.8	10.81	-.07	33.75	7.61	.20
89/03/07	00:25	03/07	05:06	63-47.8S	070-15.1	3686	-.4	-3.0	15.0	10.89	.01	33.79	7.66	.20
89/03/07	00:30	03/07	05:11	63-47.3S	070-17.8	3680	-.4	-3.0	15.1	10.89	.01	33.79	7.69	.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]
89/03/07	00:35	03/07	05:16	63-47.0S	070-20.7	3670	-4	-3.0	15.0	10.89	.01	33.79	7.69	.20
89/03/07	00:40	03/07	05:21	63-46.7S	070-23.6	3667	-4	-3.0	15.0	10.89	.01	33.79	7.67	.20
89/03/07	00:45	03/07	05:26	63-46.5S	070-26.4	3656	-4	-3.0	14.8	10.89	.01	33.79	7.62	.20
89/03/07	00:50	03/07	05:31	63-46.2S	070-29.3	3640	-4	-3.0	14.5	10.89	-.07	33.85	7.53	.20
89/03/07	00:55	03/07	05:37	63-46.0S	070-32.1	3633	-5	-3.0	15.3	10.89	-.16	33.80	7.52	.20
89/03/07	01:00	03/07	05:42	63-45.7S	070-35.0	3638	-4	-3.0	15.0	10.89	-.33	33.91	7.46	.20
89/03/07	01:05	03/07	05:47	63-45.4S	070-37.9	3630	-4	-3.0	15.0	10.89	-.16	33.80	7.51	.20
89/03/07	01:10	03/07	05:52	63-45.1S	070-40.7	3628	-4	-3.0	15.2	10.81	-.24	33.86	7.53	.20
89/03/07	01:15	03/07	05:57	63-44.8S	070-43.6	3646	-4	-3.0	15.1	10.89	-.16	33.80	7.55	.20
89/03/07	01:20	03/07	06:03	63-44.5S	070-46.4	3646	-2	-3.0	15.0	10.89	-.07	33.75	7.56	.20
89/03/07	01:25	03/07	06:08	63-43.7S	070-50.6	3654	-3	-3.0	15.0	10.89	-.16	33.80	7.53	.20
89/03/07	01:30	03/07	06:13	63-43.4S	070-53.5	3666	-3	-3.0	15.3	10.81	.01	33.79	7.56	.20
89/03/07	01:35	03/07	06:18	63-43.1S	070-56.5	3672	-3	-3.0	14.9	10.89	-.07	33.85	7.56	.20
89/03/07	01:40	03/07	06:23	63-42.9S	070-59.4	3677	-2	-3.0	15.0	10.81	-.16	33.80	7.55	.20
89/03/07	01:45	03/07	06:29	63-42.5S	071-02.5	3683	-2	-3.0	15.1	10.89	-.16	33.80	7.56	.21
89/03/07	01:50	03/07	06:34	63-42.3S	071-05.4	3693	-3	-3.0	15.0	10.89	-.07	33.85	7.63	.20
89/03/07	01:55	03/07	06:39	63-42.0S	071-08.3	3697	-3	-3.0	15.0	10.81	-.07	33.75	7.61	.20
89/03/07	02:00	03/07	06:44	63-41.8S	071-11.3	3701	-5	-3.0	15.1	10.81	-.16	33.80	7.57	.20
89/03/07	02:05	03/07	06:49	63-41.5S	071-14.8	3706	-5	-3.0	15.1	10.89	.01	33.79	7.59	.21
89/03/07	02:10	03/07	06:55	63-41.2S	071-17.8	3714	-5	-3.0	15.1	10.81	.01	33.79	7.56	.21
89/03/07	02:15	03/07	07:00	63-40.9S	071-20.6	3717	-5	-3.0	15.0	10.81	.01	33.79	7.59	.20
89/03/07	02:20	03/07	07:05	63-40.8S	071-24.5	3719	-5	-3.0	14.9	10.81	-.07	33.85	7.61	.20
89/03/07	02:25	03/07	07:10	63-40.8S	071-27.4	3723	-5	-3.0	15.1	10.81	.01	33.79	7.64	.20
89/03/07	02:30	03/07	07:16	63-40.3S	071-30.4	3724	-5	-3.0	15.2	10.89	.01	33.79	7.63	.20
89/03/07	02:35	03/07	07:21	63-40.2S	071-32.8	3728	-5	-3.0	15.0	10.89	.01	33.79	7.69	.20
89/03/07	02:40	03/07	07:26	63-40.0S	071-35.7	3732	-5	-3.0	14.8	10.89	.01	33.79	7.69	.20
89/03/07	02:45	03/07	07:31	63-39.7S	071-38.6	3734	-6	-3.0	15.0	10.89	.01	33.79	7.60	.20
89/03/07	02:50	03/07	07:36	63-39.5S	071-41.6	3739	-8	-3.0	14.9	10.89	.01	33.79	7.56	.20
89/03/07	02:55	03/07	07:41	63-39.2S	071-44.5	3743	-9	-3.0	14.8	10.89	.01	33.79	7.57	.20
89/03/07	03:00	03/07	07:47	63-39.0S	071-47.4	3709	-9	-3.0	14.9	10.89	.01	33.79	7.56	.20
89/03/07	03:05	03/07	07:52	63-38.8S	071-50.3	3759	-1.0	-3.0	14.7	10.81	.01	33.79	7.60	.20
89/03/07	03:10	03/07	07:57	63-38.8S	071-53.2	3761	-1.0	-3.0	15.0	10.89	-.07	33.85	7.60	.20
89/03/07	03:15	03/07	08:02	63-38.3S	071-56.1	3768	-1.0	-3.0	15.1	10.89	-.07	33.75	7.62	.20
89/03/07	03:20	03/07	08:07	63-38.1S	071-59.0	3774	-1.0	-3.0	15.0	10.89	.01	33.79	7.67	.20
89/03/07	03:25	03/07	08:13	63-37.8S	072-01.9	3775	-1.0	-3.0	14.9	10.89	.01	33.79	7.62	.20
89/03/07	03:30	03/07	08:18	63-37.4S	072-04.7	3786	-1.1	-3.0	15.1	10.89	.01	33.79	7.58	.20
89/03/07	03:35	03/07	08:23	63-37.0S	072-07.6	3783	-1.1	-3.0	15.0	10.89	-.07	33.85	7.51	.20
89/03/07	03:40	03/07	08:28	63-36.7S	072-10.5	3784	-1.1	-3.0	15.0	10.89	-.07	33.75	7.49	.21
89/03/07	03:45	03/07	08:33	63-36.3S	072-13.3	3785	-1.1	-3.0	15.0	10.89	-.07	33.75	7.49	.21
89/03/07	03:50	03/07	08:39	63-35.9S	072-16.2	3793	-1.1	-3.0	15.1	10.89	-.16	33.80	7.53	.21
89/03/07	03:55	03/07	08:44	63-35.8S	072-19.1	3783	-1.1	-3.0	15.0	10.89	-.07	33.85	7.63	.21
89/03/07	04:00	03/07	08:49	63-35.3S	072-22.0	3794	-1.1	-3.0	14.9	10.89	.10	33.74	7.77	.20
89/03/07	04:05	03/07	08:54	63-35.0S	072-24.8	3787	-1.0	-3.0	15.0	10.89	.26	33.74	7.82	.20
89/03/07	04:10	03/07	08:59	63-34.7S	072-27.8	3790	-1.0	-3.0	15.1	10.89	.35	33.79	7.80	.20
89/03/07	04:15	03/07	09:05	63-34.4S	072-30.7	3792	-1.0	-3.0	15.2	10.81	.43	33.73	7.76	.20
89/03/07	04:20	03/07	09:10	63-34.4S	072-33.7	3803	-.9	-3.0	15.2	10.89	.52	33.68	7.71	.20
89/03/07	04:25	03/07	09:15	63-34.2S	072-36.6	3815	-.9	-3.0	14.9	10.89	.43	33.73	7.71	.20
89/03/07	04:30	03/07	09:20	63-34.1S	072-39.5	3824	-.9	-3.0	14.8	10.81	.43	33.73	7.64	.20
89/03/07	04:35	03/07	09:25	63-34.1S	072-42.8	3829	-.9	-3.0	15.0	10.89	.35	33.79	7.66	.20
89/03/07	04:40	03/07	09:31	63-34.0S	072-45.8	3840	-.9	-3.0	15.0	10.89	.35	33.79	7.89	.20
89/03/07	04:45	03/07	09:36	63-33.8S	072-48.7	3835	-.1	-3.0	14.9	10.89	.35	33.79	7.67	.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]
89/03/07	04:50	03/07	09:41	63-33.8S	072-51.7	3841	0.0	-3.0	14.7	10.89	.35	33.79	7.66	.20
89/03/07	04:55	03/07	09:46	63-33.3S	072-54.5	3840	0.0	-3.0	14.7	10.81	.35	33.79	7.56	.20
89/03/07	05:00	03/07	09:51	63-33.1S	072-57.1	3840	0.0	-3.0	15.0	10.81	.26	33.74	7.55	.20
89/03/07	05:05	03/07	09:57	63-33.0S	073-00.1	3837	0.0	-3.0	15.0	10.81	.26	33.74	7.57	.20
89/03/07	05:10	03/07	10:02	63-32.9S	073-03.0	3837	.1	-3.0	15.0	10.89	.26	33.74	7.55	.20
89/03/07	05:15	03/07	10:07	63-32.8S	073-06.0	3840	.2	-3.0	15.0	10.81	.26	33.74	7.58	.21
89/03/07	05:20	03/07	10:12	63-32.5S	073-08.9	3841	.1	-3.0	15.0	10.81	.26	33.74	7.68	.20
89/03/07	05:25	03/07	10:17	63-32.3S	073-11.8	3842	.2	-3.0	15.0	10.89	.26	33.74	7.68	.20
89/03/07	05:30	03/07	10:22	63-32.0S	073-14.7	3841	.2	-3.0	15.0	10.81	.26	33.84	7.62	.20
89/03/07	05:35	03/07	10:28	63-31.7S	073-17.6	3840	.1	-3.0	15.0	10.89	.35	33.79	7.57	.20
89/03/07	05:40	03/07	10:33	63-31.5S	073-20.5	3843	.1	-3.0	15.1	10.89	.26	33.84	7.54	.20
89/03/07	05:45	03/07	10:38	63-31.3S	073-23.0	3849	.2	-3.0	15.2	10.81	.26	33.84	7.55	.20
89/03/07	05:50	03/07	10:43	63-31.1S	073-25.9	3848	0.0	-3.0	15.0	10.81	.35	33.79	7.59	.20
89/03/07	05:55	03/07	10:48	63-30.8S	073-28.7	3854	.1	-3.0	15.0	10.81	.35	33.79	7.61	.20
89/03/07	06:00	03/07	10:54	63-30.5S	073-31.7	3901	-.3	-3.0	14.9	10.89	.35	33.79	7.63	.20
89/03/07	06:05	03/07	10:59	63-30.3S	073-34.5	3886	-.2	-3.0	15.0	10.89	.26	33.74	7.62	.21
89/03/07	06:10	03/07	11:04	63-30.0S	073-37.4	3899	-.1	-3.0	14.9	10.89	.26	33.74	7.59	.21
89/03/07	06:15	03/07	11:09	63-29.8S	073-40.3	3739	.2	-3.0	15.0	10.89	.26	33.74	7.56	.21
89/03/07	06:20	03/07	11:14	63-29.5S	073-43.2	3893	.4	-3.0	15.0	10.81	.18	33.79	7.51	.21
89/03/07	06:25	03/07	11:20	63-29.2S	073-46.1	3891	-.3	-3.0	15.0	10.89	.18	33.79	7.49	.21
89/03/07	06:30	03/07	11:25	63-29.0S	073-49.0	3881	-.4	-3.0	15.0	10.89	.18	33.79	7.54	.20
89/03/07	06:35	03/07	11:30	63-28.7S	073-51.8	3873	-.5	-3.0	15.0	10.89	.18	33.79	7.59	.20
89/03/07	06:40	03/07	11:35	63-28.4S	073-54.7	3873	-.6	-3.0	15.1	10.89	.10	33.74	7.60	.20
89/03/07	06:45	03/07	11:40	63-28.2S	073-57.6	3871	-.7	-3.0	15.0	10.89	.10	33.84	7.64	.20
89/03/07	06:50	03/07	11:45	63-28.0S	073-59.5	3867	-.7	-3.0	15.1	10.89	.18	33.79	7.66	.20
89/03/07	06:55	03/07	11:51	63-27.7S	074-02.3	3860	-.6	-3.0	15.1	10.81	.18	33.79	7.56	.20
89/03/07	07:00	03/07	11:56	63-27.5S	074-05.2	3860	-.6	-3.0	15.0	10.81	.10	33.74	7.53	.20
89/03/07	07:05	03/07	12:01	63-27.2S	074-08.0	3852	-.6	-3.0	14.9	10.81	.18	33.79	7.52	.20
89/03/07	07:10	03/07	12:06	63-26.9S	074-10.9	3844	-.7	-3.0	15.0	10.81	.18	33.79	7.58	.20
89/03/07	07:15	03/07	12:11	63-26.7S	074-13.7	3842	-.6	-3.0	15.0	10.81	.10	33.84	7.56	.20
89/03/07	07:20	03/07	12:17	63-26.5S	074-16.6	3844	-.6	-3.0	15.1	10.89	.35	33.79	7.68	.19
89/03/07	07:25	03/07	12:22	63-26.2S	074-19.4	3868	-.6	-3.0	14.8	10.81	.43	33.73	7.71	.19
89/03/07	07:30	03/07	12:27	63-25.9S	074-22.2	3887	-.7	-3.0	15.0	10.81	.43	33.73	7.66	.19
89/03/07	07:35	03/07	12:32	63-25.6S	074-25.3	3863	-.8	-3.0	15.0	10.89	.35	33.79	7.58	.20
89/03/07	07:40	03/07	12:37	63-25.3S	074-28.1	3850	-.8	-3.0	15.0	10.89	.26	33.84	7.52	.20
89/03/07	07:45	03/07	12:43	63-25.0S	074-31.0	3850	-.7	-3.0	15.1	10.81	.26	33.84	7.50	.20
89/03/07	07:50	03/07	12:48	63-24.7S	074-33.8	3842	-.7	-3.0	15.0	10.89	.35	33.79	7.54	.20
89/03/07	07:55	03/07	12:53	63-24.4S	074-36.9	3840	-.7	-3.0	15.0	10.89	.35	33.79	7.55	.20
89/03/07	08:00	03/07	12:58	63-24.2S	074-39.7	3837	-.6	-3.0	15.2	10.89	.26	33.74	7.53	.20
89/03/07	08:05	03/07	13:03	63-23.9S	074-42.6	3835	-.6	-3.0	15.0	10.89	.26	33.74	7.47	.20
89/03/07	08:10	03/07	13:09	63-23.8S	074-45.7	3838	-.6	-3.0	15.1	10.81	.26	33.74	7.42	.20
89/03/07	08:15	03/07	13:14	63-23.5S	074-48.6	3836	-.5	-3.0	15.0	10.89	.18	33.79	7.35	.20
89/03/07	08:20	03/07	13:19	63-23.3S	074-51.4	3825	-.4	-3.0	15.0	10.89	.18	33.79	7.32	.20
89/03/07	08:25	03/07	13:24	63-23.0S	074-54.3	3825	-.4	-3.0	14.9	10.89	.18	33.79	7.33	.20
89/03/07	08:30	03/07	13:29	63-22.7S	074-57.2	3822	-.4	-3.0	14.9	10.89	.18	33.79	7.39	.20
89/03/07	08:35	03/07	13:35	63-22.5S	075-00.0	3821	-.4	-3.0	15.0	10.89	.18	33.79	7.43	.20
89/03/07	08:40	03/07	13:40	63-22.3S	075-02.9	3819	-.1	-3.0	15.0	10.89	.18	33.79	7.49	.20
89/03/07	08:45	03/07	13:45	63-22.0S	075-05.8	3819	.1	-3.0	15.0	10.89	.10	33.84	7.56	.20
89/03/07	08:50	03/07	13:50	63-21.7S	075-08.6	3811	-.1	-3.0	15.0	10.89	.10	33.84	7.54	.21
89/03/07	08:55	03/07	13:55	63-21.5S	075-11.5	3811	-.4	-3.0	15.0	10.89	.10	33.84	7.55	.21
89/03/07	09:00	03/07	14:00	63-21.2S	075-14.3	3812	-.4	-3.0	14.9	10.89	.10	33.84	7.50	.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]
89/03/07	09:05	03/07	14:06	63-20.9S	076-17.2	3809	-4	-3.0	15.0	10.89	.10	33.84	7.55	.21
89/03/07	09:10	03/07	14:11	63-20.7S	076-20.6	3809	-4	-3.0	15.1	10.89	.10	33.84	7.56	.22
89/03/07	09:15	03/07	14:16	63-20.6S	076-23.6	3808	-5	-3.0	15.0	10.89	.10	33.84	7.55	.21
89/03/07	09:20	03/07	14:21	63-20.2S	076-26.4	3806	-6	-3.0	14.8	10.89	.10	33.84	7.59	.21
89/03/07	09:25	03/07	14:26	63-20.0S	076-29.6	3799	-6	-3.0	14.8	10.89	.10	33.74	7.59	.22
89/03/07	09:30	03/07	14:32	63-19.7S	076-32.5	3797	-7	-3.0	14.9	10.89	.01	33.79	7.56	.22
89/03/07	09:35	03/07	14:37	63-19.4S	076-35.4	3790	-7	-3.0	15.0	10.89	.01	33.79	7.52	.22
89/03/07	09:40	03/07	14:42	63-19.2S	076-38.3	3786	-6	-3.0	15.0	10.89	.01	33.79	7.47	.22
89/03/07	09:45	03/07	14:47	63-19.0S	076-41.2	3783	-6	-3.0	15.0	10.89	.01	33.79	7.47	.22
89/03/07	09:50	03/07	14:52	63-18.7S	076-44.0	3776	-6	-3.0	14.9	10.89	.01	33.79	7.48	.22
89/03/07	09:55	03/07	14:58	63-18.6S	076-46.9	3779	-5	-3.0	14.9	10.89	.01	33.79	7.50	.22
89/03/07	10:00	03/07	15:03	63-18.2S	076-49.8	3810	-5	-3.0	14.8	10.89	.01	33.79	7.55	.22
89/03/07	10:05	03/07	15:08	63-18.0S	076-52.7	3826	-6	-3.0	14.9	10.89	.01	33.79	7.56	.22
89/03/07	10:10	03/07	15:13	63-17.7S	076-55.6	3832	-6	-3.0	14.9	10.89	.01	33.79	7.58	.21
89/03/07	10:15	03/07	15:18	63-17.6S	076-58.4	3851	-6	-3.0	14.9	10.89	-.07	33.85	7.58	.21
89/03/07	10:20	03/07	15:24	63-17.2S	076-01.3	3794	-6	-3.0	14.8	10.89	-.07	33.85	7.50	.21
89/03/07	10:25	03/07	15:29	63-16.9S	076-04.2	3788	-6	-3.0	15.0	10.89	-.07	33.85	7.49	.22
89/03/07	10:30	03/07	15:34	63-16.7S	076-07.1	3794	-6	-3.0	15.0	10.89	-.07	33.85	7.42	.22
89/03/07	10:35	03/07	15:39	63-16.4S	076-10.0	3802	-6	-3.0	14.8	10.89	-.16	33.80	7.40	.22
89/03/07	10:40	03/07	15:44	63-16.2S	076-12.8	3802	-6	-3.0	14.8	10.89	-.16	33.80	7.33	.22
89/03/07	10:45	03/07	15:50	63-15.9S	076-15.7	3801	-6	-3.0	15.0	10.89	-.16	33.80	7.40	.22
89/03/07	10:50	03/07	15:55	63-15.7S	076-18.5	3801	-6	-3.0	14.9	10.89	-.07	33.75	7.53	.21
89/03/07	10:55	03/07	16:00	63-15.4S	076-21.4	3799	-5	-3.0	15.1	10.89	-.07	33.85	7.64	.21
89/03/07	11:00	03/07	16:05	63-15.2S	076-24.3	3798	-5	-3.0	14.8	10.89	-.07	33.85	7.51	.21
89/03/07	11:05	03/07	16:10	63-13.9S	076-26.8	3796	-4	-3.0	14.9	10.89	.01	33.79	7.46	.21
89/03/07	11:10	03/07	16:15	63-13.6S	076-29.6	3798	-4	-3.0	15.0	10.89	.01	33.79	7.50	.21
89/03/07	11:15	03/07	16:21	63-13.3S	076-32.4	3803	-4	-3.0	14.8	10.89	.10	33.74	7.57	.21
89/03/07	11:20	03/07	16:26	63-13.0S	076-35.3	3804	-4	-3.0	15.1	10.89	.01	33.79	7.57	.22
89/03/07	11:25	03/07	16:31	63-12.7S	076-38.1	3796	-3	-3.0	15.0	10.89	.01	33.79	7.61	.22
89/03/07	11:30	03/07	16:36	63-12.4S	076-41.0	3795	-4	-3.0	15.1	10.89	.10	33.74	7.62	.22
89/03/07	11:35	03/07	16:41	63-12.2S	076-44.4	3797	-4	-3.0	15.1	10.97	.10	33.74	7.61	.22
89/03/07	11:40	03/07	16:47	63-11.9S	076-47.3	3804	-4	-3.0	14.8	10.89	.01	33.79	7.54	.22
89/03/07	11:45	03/07	16:52	63-11.6S	076-50.2	3806	-2	-3.0	15.0	10.89	-.07	33.75	7.49	.22
89/03/07	11:50	03/07	16:57	63-11.3S	076-53.0	3803	-3	-3.0	14.9	10.89	-.07	33.75	7.46	.22
89/03/07	11:55	03/07	17:02	63-11.0S	076-55.9	3807	-3	-3.0	14.9	10.89	-.07	33.75	7.49	.22
89/03/07	12:00	03/07	17:07	63-10.7S	076-58.8	3816	-3	-3.0	15.0	10.89	.01	33.79	7.54	.22
89/03/07	12:05	03/07	17:13	63-10.4S	077-01.6	3818	-3	-3.0	14.9	10.89	.10	33.74	7.63	.22
89/03/07	12:10	03/07	17:18	63-10.1S	077-04.5	3818	-3	-3.0	15.0	10.89	.10	33.74	7.67	.22
89/03/07	12:15	03/07	17:23	63-09.8S	077-07.4	3848	-2	-3.0	14.9	10.89	.18	33.79	7.66	.22
89/03/07	12:20	03/07	17:28	63-09.5S	077-10.3	3806	-2	-3.0	14.9	10.89	.18	33.79	7.63	.22
89/03/07	12:25	03/07	17:33	63-09.2S	077-13.1	3800	-2	-3.0	14.9	10.89	.10	33.84	7.58	.22
89/03/07	12:30	03/07	17:39	63-09.2S	077-16.5	3804	-1	-3.0	15.0	10.89	.10	33.84	7.53	.22
89/03/07	12:35	03/07	17:44	63-08.9S	077-19.4	3790	-1	-3.0	14.9	10.89	.18	33.79	7.58	.22
89/03/07	12:40	03/07	17:49	63-08.7S	077-22.3	3778	-1	-3.0	15.0	10.89	.18	33.79	7.61	.22
89/03/07	12:45	03/07	17:54	63-08.5S	077-25.3	3850	-1	-3.0	15.0	10.89	.26	33.74	7.59	.22
89/03/07	12:50	03/07	17:59	63-08.2S	077-28.2	3913	-1	-3.0	15.0	10.89	.26	33.74	7.57	.23
89/03/07	12:55	03/07	18:05	63-07.9S	077-31.1	3795	0.0	-3.0	15.1	10.89	.26	33.74	7.53	.23
89/03/07	13:00	03/07	18:10	63-07.7S	077-34.0	3787	0.0	-3.0	15.1	10.89	.18	33.79	7.48	.23
89/03/07	13:05	03/07	18:15	63-07.4S	077-37.0	3813	0.0	-3.0	15.0	10.89	.18	33.79	7.49	.23
89/03/07	13:10	03/07	18:20	63-07.2S	077-39.8	3817	0.0	-3.0	15.0	10.89	.18	33.79	7.50	.23
89/03/07	13:15	03/07	18:25	63-07.0S	077-42.8	3820	0.0	-3.0	15.1	10.89	.18	33.79	7.57	.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]
89/03/07	13:20	03/07	18:31	63-07.4S	077-46.2	3816	0.0	-3.0	15.2	10.89	.26	33.74	7.58	.23
89/03/07	13:25	03/07	18:36	63-07.2S	077-49.2	3830	.1	-3.0	15.1	10.89	.26	33.84	7.61	.22
89/03/07	13:30	03/07	18:41	63-07.0S	077-52.1	3825	.1	-3.0	15.0	10.89	.43	33.73	7.72	.22
89/03/07	13:35	03/07	18:46	63-06.8S	077-55.0	3823	.1	-3.0	15.0	10.89	.43	33.73	7.69	.22
89/03/07	13:40	03/07	18:51	63-06.5S	077-58.0	3831	.1	-3.0	15.0	10.89	.35	33.79	7.66	.22
89/03/07	13:45	03/07	18:57	63-06.2S	078-00.9	3831	.1	-3.0	15.1	10.89	.43	33.73	7.59	.22
89/03/07	13:50	03/07	19:02	63-06.0S	078-03.8	3837	.1	-3.0	15.0	10.89	.43	33.73	7.59	.22
89/03/07	13:55	03/07	19:07	63-05.8S	078-06.7	3826	.1	-3.0	15.0	10.89	.43	33.83	7.58	.22
89/03/07	14:00	03/07	19:12	63-05.5S	078-09.7	3828	.2	-3.0	15.0	10.89	.43	33.73	7.66	.22
89/03/07	14:05	03/07	19:17	63-05.2S	078-12.6	3821	.2	-3.0	14.9	10.89	.43	33.73	7.67	.22
89/03/07	14:10	03/07	19:23	63-04.9S	078-15.5	3817	.2	-3.0	15.1	10.89	.43	33.73	7.67	.22
89/03/07	14:15	03/07	19:28	63-04.7S	078-18.4	3815	.1	-3.0	15.0	10.89	.43	33.73	7.66	.21
89/03/07	14:20	03/07	19:33	63-04.4S	078-22.4	3808	.1	-3.0	15.1	10.89	.43	33.73	7.59	.22
89/03/07	14:25	03/07	19:38	63-04.1S	078-25.4	3801	.1	-3.0	15.2	10.89	.43	33.83	7.54	.22
89/03/07	14:30	03/07	19:43	63-03.8S	078-28.4	3814	.1	-3.0	15.0	10.89	.43	33.83	7.48	.22
89/03/07	14:35	03/07	19:49	63-03.6S	078-31.3	3815	.1	-3.0	14.9	10.89	.26	33.74	7.49	.22
89/03/07	14:40	03/07	19:54	63-03.4S	078-34.3	3813	.1	-3.0	15.0	10.89	.18	33.79	7.50	.22
89/03/07	14:45	03/07	19:59	63-02.7S	078-37.7	3828	0.0	-3.0	15.0	10.89	.26	33.74	7.50	.22
89/03/07	14:50	03/07	20:04	63-02.4S	078-40.7	3828	-.1	-3.0	15.1	10.89	.26	33.84	7.54	.22
89/03/07	14:55	03/07	20:09	63-02.2S	078-43.7	3830	-.2	-3.0	15.0	10.89	.26	33.84	7.50	.21
89/03/07	15:00	03/07	20:15	63-01.9S	078-46.7	3823	-.2	-3.0	15.2	10.89	.26	33.74	7.42	.22
89/03/07	15:05	03/07	20:20	63-01.6S	078-49.7	3824	-.2	-3.0	14.9	10.89	.26	33.74	7.40	.22
89/03/07	15:10	03/07	20:25	63-01.1S	078-51.5	3831	-.2	-3.0	14.9	10.89	.18	33.79	7.43	.22
89/03/07	15:15	03/07	20:30	63-00.9S	078-54.4	3815	-.2	-3.0	14.8	10.81	.18	33.79	7.40	.22
89/03/07	15:20	03/07	20:35	63-00.6S	078-57.4	3816	-.3	-3.0	15.1	10.81	.18	33.79	7.45	.22
89/03/07	15:25	03/07	20:41	63-00.3S	079-00.3	3819	-.3	-3.0	15.0	10.89	.18	33.79	7.52	.22
89/03/07	15:30	03/07	20:46	63-00.2S	079-03.2	3846	-.3	-3.0	14.8	10.89	.26	33.74	7.54	.22
89/03/07	15:35	03/07	20:51	63-00.3S	079-06.2	3821	-.3	-3.0	15.0	10.89	.26	33.74	7.48	.22
89/03/07	15:40	03/07	20:56	63-00.4S	079-09.2	3813	-.3	-3.0	15.0	10.89	.26	33.74	7.46	.22
89/03/07	15:45	03/07	21:01	63-00.4S	079-12.1	3806	-.3	-3.0	15.0	10.89	.18	33.79	7.41	.22
89/03/07	15:50	03/07	21:07	63-00.4S	079-15.1	3803	-.3	-3.0	15.0	10.89	.18	33.79	7.44	.22
89/03/07	15:55	03/07	21:12	63-00.4S	079-18.1	3802	-.3	-3.0	14.8	10.89	.18	33.68	7.42	.22
89/03/07	16:00	03/07	21:17	63-00.4S	079-21.1	3805	-.2	-3.0	15.0	10.89	.10	33.74	7.51	.22
89/03/07	16:05	03/07	21:22	63-00.4S	079-24.1	3801	-.2	-3.0	15.0	10.81	.18	33.79	7.51	.23
89/03/07	16:10	03/07	21:27	63-00.5S	079-26.4	3789	-.2	-3.0	15.0	10.89	.18	33.68	7.54	.23
89/03/07	16:15	03/07	21:32	63-00.4S	079-28.3	3763	-.2	-3.0	15.0	10.89	.18	33.68	7.54	.22
89/03/07	16:20	03/07	21:38	63-00.4S	079-31.2	3731	-.2	-3.0	15.1	10.89	.18	33.68	7.45	.23
89/03/07	16:25	03/07	21:43	63-00.4S	079-34.2	3681	.1	-3.0	15.1	10.89	.18	33.68	7.45	.23
89/03/07	16:30	03/07	21:48	63-00.5S	079-37.1	3628	.2	-3.0	15.1	10.89	.18	33.68	7.40	.23
89/03/07	16:35	03/07	21:53	63-00.5S	079-40.1	3588	.2	-3.0	15.1	10.89	.18	33.68	7.41	.23
89/03/07	16:40	03/07	21:58	63-00.4S	079-43.0	3547	.2	-3.0	15.0	10.89	.18	33.68	7.43	.23
89/03/07	16:45	03/07	22:04	63-00.3S	079-45.9	3628	.2	-3.0	15.0	10.81	.18	33.79	7.47	.23
89/03/07	16:50	03/07	22:09	63-00.2S	079-48.8	3678	.2	-3.0	15.1	10.89	.18	33.79	7.50	.23
89/03/07	16:55	03/07	22:14	63-00.1S	079-51.8	3767	.2	-3.0	14.9	10.89	.26	33.74	7.55	.22
89/03/07	17:00	03/07	22:19	62-59.9S	079-54.7	3751	.2	-3.0	15.1	10.89	.26	33.74	7.50	.22
89/03/07	17:05	03/07	22:24	62-59.8S	079-57.6	3644	.2	-3.0	15.0	10.81	.26	33.74	7.46	.23
89/03/07	17:10	03/07	22:30	62-59.7S	080-00.5	3523	.2	-3.0	15.1	10.81	.26	33.74	7.46	.23
89/03/07	17:15	03/07	22:35	62-59.6S	080-03.5	3439	.2	-3.0	15.1	10.89	.26	33.74	7.44	.23
89/03/07	17:20	03/07	22:40	62-59.6S	080-06.4	3392	.2	-3.0	15.0	10.81	.18	33.79	7.42	.23
89/03/07	17:25	03/07	22:45	62-59.6S	080-09.4	3353	.2	-3.0	15.1	10.89	.18	33.79	7.44	.23
89/03/07	17:30	03/07	22:50	62-59.5S	080-12.3	3330	.2	-3.0	15.0	10.89	.18	33.79	7.46	.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]
88/03/07	17:35	03/07	22:56	62-59.5S	080-15.2	3328	.2	-3.0	15.1	10.81	.43	33.73	7.62	.23
88/03/07	17:40	03/07	23:01	62-59.5S	080-18.1	3331	.2	-3.0	15.0	10.89	.52	33.78	7.68	.23
88/03/07	17:45	03/07	23:06	62-59.5S	080-21.1	3351	.2	-3.0	14.9	10.89	.52	33.78	7.89	.22
88/03/07	17:50	03/07	23:11	62-59.6S	080-24.0	3375	.2	-3.0	15.1	10.89	.52	33.78	7.81	.22
88/03/07	17:55	03/07	23:16	63-00.3S	080-27.8	3394	.2	-3.0	14.9	10.89	.52	33.78	7.57	.23
88/03/07	18:00	03/07	23:22	63-00.4S	080-30.8	3401	.2	-3.0	15.0	10.81	.52	33.78	7.56	.23
88/03/07	18:05	03/07	23:27	63-00.5S	080-33.7	3410	.2	-3.0	14.9	10.89	.43	33.83	7.63	.22
88/03/07	18:10	03/07	23:32	63-00.5S	080-36.7	3399	.2	-3.0	15.0	10.89	.43	33.73	7.56	.22
88/03/07	18:15	03/07	23:37	63-00.5S	080-39.7	3397	.2	-3.0	15.0	10.89	.52	33.78	7.62	.22
88/03/07	18:20	03/07	23:42	63-00.5S	080-42.6	3405	.2	-3.0	15.1	10.89	.43	33.83	7.60	.22
88/03/07	18:25	03/07	23:48	63-00.5S	080-45.6	3397	.2	-3.0	15.0	10.89	.43	33.83	7.61	.22
88/03/07	18:30	03/07	23:53	63-00.5S	080-48.5	3391	.2	-3.0	15.1	10.89	.35	33.79	7.61	.21
88/03/07	18:35	03/07	23:58	63-00.5S	080-51.5	3382	.2	-3.0	15.0	10.89	.35	33.79	7.61	.21
88/03/07	18:40	03/08	00:03	63-00.5S	080-54.5	3367	.2	-3.0	15.0	10.89	.26	33.84	7.52	.22
88/03/07	18:45	03/08	00:08	63-00.5S	080-57.4	3353	.2	-3.0	14.9	10.89	.26	33.84	7.59	.22
88/03/07	18:50	03/08	00:14	63-00.5S	081-00.4	3345	.2	-3.0	15.1	10.89	.26	33.74	7.56	.22
88/03/07	18:55	03/08	00:19	63-00.5S	081-03.4	3332	.2	-3.0	15.2	10.81	.26	33.74	7.62	.22
88/03/07	19:00	03/08	00:24	63-00.5S	081-06.4	3323	.2	-3.0	15.1	10.89	.35	33.79	7.67	.22
88/03/07	19:05	03/08	00:29	63-00.5S	081-09.3	3314	.2	-3.0	15.0	10.89	.26	33.74	7.68	.22
88/03/07	19:10	03/08	00:34	63-00.5S	081-12.3	3305	.2	-3.0	15.0	10.89	.35	33.79	7.88	.21
88/03/07	19:15	03/08	00:40	63-00.6S	081-15.2	3282	.2	-3.0	15.0	10.89	.35	33.79	7.63	.21
88/03/07	19:20	03/08	00:45	63-00.6S	081-18.2	3245	.2	-3.0	15.0	10.89	.35	33.79	7.61	.21
88/03/07	19:25	03/08	00:50	63-00.6S	081-21.2	3213	.2	-3.0	15.0	10.89	.35	33.79	7.63	.21
88/03/07	19:30	03/08	00:55	63-00.6S	081-24.1	3180	.2	-3.0	15.1	10.89	.35	33.79	7.60	.21
88/03/07	19:35	03/08	01:00	63-00.6S	081-27.1	3143	.3	-3.0	15.0	10.89	.35	33.79	7.61	.21
88/03/07	19:40	03/08	01:06	63-00.6S	081-30.1	3092	.3	-3.0	14.8	10.89	.26	33.84	7.64	.21
88/03/07	19:45	03/08	01:11	63-00.6S	081-33.1	3057	.3	-3.0	15.0	10.89	.35	33.79	7.70	.21
88/03/07	19:50	03/08	01:16	63-00.7S	081-36.0	3019	.3	-3.0	15.0	10.81	.35	33.79	7.69	.20
88/03/07	19:55	03/08	01:21	63-00.7S	081-38.9	2982	.3	-3.0	15.1	10.81	.43	33.73	7.69	.20
88/03/07	20:00	03/08	01:26	63-00.9S	081-42.9	2950	.3	-3.0	15.1	10.81	.35	33.79	7.64	.21
88/03/07	20:05	03/08	01:32	63-00.9S	081-45.9	2930	.3	-3.0	15.0	10.89	.35	33.79	7.61	.21
88/03/07	20:10	03/08	01:37	63-00.9S	081-48.9	2906	.3	-3.0	14.9	10.89	.26	33.84	7.58	.21
88/03/07	20:15	03/08	01:42	63-00.6S	081-51.8	2873	.3	-3.0	15.0	10.81	.35	33.79	7.63	.21
88/03/07	20:20	03/08	01:47	63-00.7S	081-54.8	2843	.3	-3.0	15.1	10.81	.35	33.79	7.64	.21
88/03/07	20:25	03/08	01:52	63-00.4S	081-58.1	2799	.3	-3.0	15.0	10.89	.26	33.74	7.66	.21
88/03/07	20:30	03/08	01:58	63-00.3S	082-01.1	2750	.3	-3.0	15.1	10.89	.18	33.79	7.63	.21
88/03/07	20:35	03/08	02:03	63-00.2S	082-04.1	2703	.3	-3.0	15.1	10.81	.26	33.74	7.64	.21
88/03/07	20:40	03/08	02:08	63-00.1S	082-07.1	2662	.3	-3.0	15.0	10.89	.26	33.74	7.62	.22
88/03/07	20:45	03/08	02:13	63-00.1S	082-10.0	2637	.3	-3.0	14.9	10.89	.26	33.74	7.60	.22
88/03/07	20:50	03/08	02:18	62-59.9S	082-13.0	2608	.3	-3.0	15.1	10.81	.18	33.68	7.61	.22
88/03/07	20:55	03/08	02:24	62-59.6S	082-16.0	2606	.3	-3.0	15.0	10.89	.18	33.79	7.61	.22
88/03/07	21:00	03/08	02:29	62-59.6S	082-19.0	2593	.3	-3.0	14.9	10.81	.18	33.79	7.69	.22
88/03/07	21:05	03/08	02:34	62-59.7S	082-22.0	2592	.3	-3.0	15.1	10.81	.35	33.68	7.70	.22
88/03/07	21:10	03/08	02:39	62-59.7S	082-25.0	2589	.3	-3.0	15.0	10.89	.35	33.79	7.70	.22
88/03/07	21:15	03/08	02:44	62-59.7S	082-28.0	2591	.3	-3.0	14.9	10.89	.26	33.74	7.64	.22
88/03/07	21:20	03/08	02:50	62-59.6S	082-31.0	2625	.3	-3.0	15.0	10.89	.26	33.74	7.57	.22
88/03/07	21:25	03/08	02:55	62-59.5S	082-34.0	2606	.4	-3.0	15.1	10.89	.26	33.74	7.60	.22
88/03/07	21:30	03/08	03:00	62-58.9S	082-34.9	2559	.4	-3.0	15.1	10.89	.26	33.74	7.62	.22
88/03/07	21:35	03/08	03:05	62-58.9S	082-37.8	2571	.4	-3.0	15.1	10.81	.18	33.79	7.61	.22
88/03/07	21:40	03/08	03:10	62-59.0S	082-40.7	2552	.4	-3.0	15.0	10.89	.18	33.79	7.61	.22
88/03/07	21:45	03/08	03:15	62-59.0S	082-43.7	2532	.4	-3.0	15.1	10.81	.18	33.79	7.67	.22

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]
89/03/07	21:50	03/08	03:21	62-59.2S	082-46.0	2550	.4	-3.0	15.0	10.81	.26	33.74	7.68	.22
89/03/07	21:55	03/08	03:26	62-59.3S	082-48.9	2488	.4	-3.0	15.0	10.81	.26	33.74	7.59	.22
89/03/07	22:00	03/08	03:31	62-59.3S	082-51.8	2567	.4	-3.0	15.0	10.81	.26	33.74	7.56	.22
89/03/07	22:05	03/08	03:36	62-59.5S	082-54.7	2702	.4	-3.0	15.0	10.81	.35	33.79	7.61	.22
89/03/07	22:10	03/08	03:41	62-59.6S	082-57.6	2673	.4	-3.0	14.9	10.89	.35	33.79	7.56	.22
89/03/07	22:15	03/08	03:47	62-59.6S	083-00.6	2685	.4	-3.0	14.9	10.81	.10	33.74	7.58	.22
89/03/07	22:20	03/08	03:52	62-59.6S	083-03.5	2728	.4	-3.0	15.0	10.89	.18	33.68	7.59	.22
89/03/07	22:25	03/08	03:57	62-59.6S	083-06.4	2788	.4	-3.0	15.0	10.81	.01	33.69	7.60	.22
89/03/07	22:30	03/08	04:02	62-59.6S	083-09.3	2939	.3	-3.0	14.9	10.89	.18	33.68	7.66	.22
89/03/07	22:35	03/08	04:07	62-59.6S	083-12.2	2735	.3	-3.0	14.9	10.89	.26	33.74	7.83	.22
89/03/07	22:40	03/08	04:13	62-59.6S	083-15.1	2719	.3	-3.0	14.9	10.81	.26	33.74	7.58	.21
89/03/07	22:45	03/08	04:18	62-59.6S	083-18.0	2681	.3	-3.0	15.0	10.81	.18	33.68	7.56	.22
89/03/07	22:50	03/08	04:23	62-59.6S	083-20.9	2639	.3	-3.0	15.0	10.81	.10	33.74	7.56	.22
89/03/07	22:55	03/08	04:28	62-59.6S	083-23.8	2592	.2	-3.0	14.8	10.89	.10	33.74	7.58	.22
89/03/07	23:00	03/08	04:33	62-59.6S	083-26.6	2539	.2	-3.0	14.8	10.89	.18	33.79	7.70	.22
89/03/07	23:05	03/08	04:38	62-59.6S	083-29.5	2544	.2	-3.0	14.9	10.89	.26	33.74	7.72	.22
89/03/07	23:10	03/08	04:44	62-59.5S	083-32.4	2720	.2	-3.0	14.7	10.89	.26	33.74	7.68	.21
89/03/07	23:15	03/08	04:49	62-59.5S	083-35.3	2382	.2	-3.0	15.0	10.89	.10	33.74	7.54	.22
89/03/07	23:20	03/08	04:54	62-59.5S	083-38.2	2376	.2	-3.0	15.0	10.89	.26	33.74	7.59	.22
89/03/07	23:25	03/08	04:59	62-59.5S	083-41.0	2502	.2	-3.0	14.9	10.81	.26	33.74	7.59	.22
89/03/07	23:30	03/08	05:04	62-59.5S	083-43.9	2560	.2	-3.0	15.1	10.89	.18	33.79	7.57	.22
89/03/07	23:35	03/08	05:10	62-59.6S	083-46.4	2537	.2	-3.0	15.0	10.89	.18	33.79	7.60	.21
89/03/07	23:40	03/08	05:15	62-59.6S	083-49.3	2520	.2	-3.0	14.9	10.89	.26	33.74	7.64	.21
89/03/07	23:45	03/08	05:20	62-59.6S	083-52.3	2545	.2	-3.0	14.9	10.89	.26	33.74	7.66	.22
89/03/07	23:50	03/08	05:25	62-59.6S	083-55.1	2563	.2	-3.0	15.1	10.89	.26	33.74	7.66	.22
89/03/07	23:55	03/08	05:30	62-59.6S	083-58.0	2587	.2	-3.0	15.0	10.89	.35	33.68	7.61	.21
89/03/08	00:00	03/08	05:36	62-59.6S	084-00.9	2605	.2	-3.0	14.9	10.81	.26	33.74	7.60	.22
89/03/08	00:05	03/08	05:41	62-59.5S	084-04.0	2626	.2	-3.0	14.9	10.89	.26	33.74	7.62	.22
89/03/08	00:10	03/08	05:46	62-59.5S	084-06.9	2647	.2	-3.0	15.1	10.81	.26	33.74	7.61	.22
89/03/08	00:15	03/08	05:51	62-59.5S	084-09.8	2663	.3	-3.0	15.0	10.89	.26	33.74	7.67	.22
89/03/08	00:20	03/08	05:56	62-59.4S	084-12.7	2680	.3	-3.0	15.0	10.89	.26	33.74	7.73	.22
89/03/08	00:25	03/08	06:02	62-59.2S	084-15.6	2691	.3	-3.0	14.9	10.89	.26	33.74	7.70	.21
89/03/08	00:30	03/08	06:07	62-59.0S	084-18.5	2700	.3	-3.0	14.9	10.89	.18	33.79	7.63	.22
89/03/08	00:35	03/08	06:12	62-58.8S	084-21.4	2709	.3	-3.0	14.9	10.89	.01	33.79	7.51	.22
89/03/08	00:40	03/08	06:17	62-58.6S	084-24.2	2722	.3	-3.0	14.9	10.89	.01	33.79	7.51	.22
89/03/08	00:45	03/08	06:22	62-58.4S	084-27.1	2736	.3	-3.0	14.9	10.89	.01	33.79	7.50	.22
89/03/08	00:50	03/08	06:27	62-58.1S	084-29.9	2748	.3	-3.0	15.0	10.89	.01	33.79	7.53	.23
89/03/08	00:55	03/08	06:33	62-57.9S	084-32.8	2756	.3	-3.0	14.9	10.89	-.07	33.75	7.54	.23
89/03/08	01:00	03/08	06:38	62-57.6S	084-37.3	2773	.3	-3.0	15.0	10.89	-.07	33.75	7.62	.23
89/03/08	01:05	03/08	06:43	62-57.7S	084-40.1	2788	.3	-3.0	15.1	10.81	-.07	33.75	7.66	.23
89/03/08	01:10	03/08	06:48	62-57.9S	084-43.1	2788	.3	-3.0	15.1	10.81	-.16	33.70	7.60	.23
89/03/08	01:15	03/08	06:54	62-58.2S	084-46.0	2815	.2	-3.0	14.9	10.89	-.33	33.70	7.49	.24
89/03/08	01:20	03/08	06:59	62-58.5S	084-48.8	2837	.2	-3.0	14.9	10.89	-.50	33.71	7.41	.24
89/03/08	01:25	03/08	07:04	62-58.4S	084-51.4	2860	.2	-3.0	14.9	10.89	-.41	33.76	7.46	.24
89/03/08	01:30	03/08	07:09	62-58.7S	084-54.2	2915	.2	-3.0	14.9	10.81	-.41	33.76	7.49	.24
89/03/08	01:35	03/08	07:14	62-59.0S	084-57.1	2969	.2	-3.0	15.1	10.81	-.41	33.76	7.54	.24
89/03/08	01:40	03/08	07:20	62-59.3S	085-00.0	3049	.1	-3.0	15.1	10.89	-.41	33.65	7.63	.24
89/03/08	01:45	03/08	07:25	62-59.6S	085-02.9	3132	.1	-3.0	15.1	10.81	-.33	33.60	7.62	.24
89/03/08	01:50	03/08	07:30	62-59.9S	085-05.8	3205	.1	-3.0	15.1	10.89	-.41	33.65	7.58	.24
89/03/08	01:55	03/08	07:35	63-00.0S	085-08.7	3278	.1	-3.0	15.1	10.81	-.41	33.65	7.54	.24
89/03/08	02:00	03/08	07:40	62-59.9S	085-11.6	3353	.1	-3.0	15.0	10.81	-.50	33.71	7.50	.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]
89/03/08	02:05	03/08	07:45	82-59.8S	085-14.8	3419	.1	-3.0	15.1	10.81	-.41	33.65	7.54	.24
89/03/08	02:10	03/08	07:51	82-59.8S	085-17.6	3496	.1	-3.0	14.8	10.89	-.41	33.65	7.59	.24
89/03/08	02:15	03/08	07:56	82-59.8S	085-20.5	3575	.1	-3.0	15.0	10.89	-.24	33.65	7.88	.23
89/03/08	02:20	03/08	08:01	82-59.8S	085-24.3	3642	.1	-3.0	15.0	10.89	-.24	33.65	7.87	.23
89/03/08	02:25	03/08	08:06	82-59.7S	085-27.3	3746	.1	-3.0	15.1	10.81	-.24	33.65	7.87	.23
89/03/08	02:30	03/08	08:12	82-59.7S	085-30.3	3778	.1	-3.0	15.0	10.89	-.33	33.70	7.53	.24
89/03/08	02:35	03/08	08:17	82-59.6S	085-33.3	3777	.1	-3.0	15.0	10.89	-.41	33.76	7.46	.24
89/03/08	02:40	03/08	08:22	82-59.6S	085-36.2	3777	.1	-3.0	15.0	10.89	-.41	33.65	7.48	.24
89/03/08	02:45	03/08	08:27	82-59.6S	085-39.2	3776	.1	-3.0	15.0	10.89	-.41	33.65	7.45	.24
89/03/08	02:50	03/08	08:32	82-59.5S	085-42.2	3780	.1	-3.0	15.0	10.81	-.41	33.76	7.48	.24
89/03/08	02:55	03/08	08:38	82-59.5S	085-45.2	3786	.1	-3.0	15.0	10.89	-.41	33.76	7.53	.24
89/03/08	03:00	03/08	08:43	82-59.5S	085-48.2	3785	.1	-3.0	15.1	10.81	-.41	33.76	7.59	.24
89/03/08	03:05	03/08	08:48	82-59.4S	085-51.2	3787	0.0	-3.0	15.0	10.89	-.33	33.70	7.66	.24
89/03/08	03:10	03/08	08:53	82-59.4S	085-54.2	3788	.1	-3.0	15.1	10.81	-.24	33.65	7.70	.23
89/03/08	03:15	03/08	08:58	82-59.3S	085-57.2	3785	.1	-3.0	14.9	10.89	-.33	33.70	7.63	.24
89/03/08	03:20	03/08	09:04	82-59.3S	086-00.2	3786	.1	-3.0	15.0	10.89	-.33	33.70	7.56	.23
89/03/08	03:25	03/08	09:09	82-59.3S	086-03.2	3785	.1	-3.0	15.0	10.89	-.41	33.76	7.51	.24
89/03/08	03:30	03/08	09:14	82-59.2S	086-06.1	3786	.1	-3.0	15.1	10.89	-.41	33.86	7.53	.23
89/03/08	03:35	03/08	09:19	82-59.2S	086-09.2	3782	.1	-3.0	15.1	10.89	-.24	33.86	7.58	.23
89/03/08	03:40	03/08	09:24	82-59.2S	086-12.1	3782	.1	-3.0	15.0	10.89	-.24	33.86	7.80	.23
89/03/08	03:45	03/08	09:30	82-59.2S	086-15.1	3778	0.0	-3.0	15.0	5.59	.01	33.79	5.80	.23
89/03/08	03:50	03/08	09:35	82-59.2S	086-18.1	3775	.1	-3.0	15.1	.86	.35	34.08	6.47	.20
89/03/08	03:55	03/08	09:40	82-59.3S	086-21.1	3774	.1	-3.0	14.7	10.74	.52	33.87	7.84	.31
89/03/08	04:00	03/08	09:45	82-59.3S	086-24.1	3775	.1	-3.0	15.1	10.74	.01	34.00	7.44	.21
89/03/08	04:05	03/08	09:50	82-59.2S	086-27.1	3763	.1	-3.0	15.1	10.74	.10	33.94	7.49	.22
89/03/08	04:10	03/08	09:56	82-59.2S	086-30.1	3754	.1	-3.0	15.1	10.74	.10	33.94	7.53	.22
89/03/08	04:15	03/08	10:01	82-59.2S	086-33.1	3757	.1	-3.0	14.8	10.74	.01	34.00	7.54	.22
89/03/08	04:20	03/08	10:06	82-59.1S	086-36.1	3747	.1	-3.0	15.0	10.74	.01	34.00	7.57	.22
89/03/08	04:25	03/08	10:11	82-59.0S	086-39.0	3744	.1	-3.0	15.1	10.74	-.07	33.95	7.55	.22
89/03/08	04:30	03/08	10:16	82-59.0S	086-42.0	3745	.1	-3.0	14.9	10.74	.01	33.90	7.56	.22
89/03/08	04:35	03/08	10:22	82-59.8S	086-45.5	3750	.1	-3.0	15.0	10.74	.10	33.94	7.61	.22
89/03/08	04:40	03/08	10:27	82-59.8S	086-48.5	3755	.2	-3.0	15.0	10.74	.18	34.00	7.64	.23
89/03/08	04:45	03/08	10:32	82-59.8S	086-51.5	3759	.2	-3.0	15.1	10.74	.18	34.00	7.57	.23
89/03/08	04:50	03/08	10:37	82-59.8S	086-54.5	3764	.2	-3.0	15.0	10.74	.10	33.94	7.56	.23
89/03/08	04:55	03/08	10:42	82-59.8S	086-57.5	3765	.2	-3.0	15.1	10.74	.10	33.84	7.60	.23
89/03/08	05:00	03/08	10:48	82-59.8S	087-00.5	3766	.2	-3.0	15.0	10.74	.10	33.84	7.67	.23
89/03/08	05:05	03/08	10:53	82-59.8S	087-03.5	3773	.2	-3.0	15.0	10.74	.10	33.84	7.87	.23
89/03/08	05:10	03/08	10:58	82-59.8S	087-06.6	3782	.2	-3.0	15.1	10.74	.10	33.94	7.57	.22
89/03/08	05:15	03/08	11:03	82-59.8S	087-09.6	3791	.2	-3.0	15.0	10.74	.01	34.00	7.51	.23
89/03/08	05:20	03/08	11:08	82-59.8S	087-12.6	3794	.2	-3.0	15.1	10.74	.01	33.90	7.50	.23
89/03/08	05:25	03/08	11:14	82-59.8S	087-15.6	3801	.3	-3.0	15.1	10.74	.01	33.90	7.50	.22
89/03/08	05:30	03/08	11:19	82-59.8S	087-18.6	3802	.3	-3.0	14.9	10.74	.01	33.90	7.52	.22
89/03/08	05:35	03/08	11:24	82-59.8S	087-21.6	3801	.3	-3.0	15.1	10.74	.01	33.90	7.59	.22
89/03/08	05:40	03/08	11:29	82-59.8S	087-24.6	3804	.3	-3.0	14.9	10.74	.01	33.90	7.63	.22
89/03/08	05:45	03/08	11:34	83-00.1S	087-26.1	3803	.3	-3.0	15.0	10.74	.10	33.84	7.61	.22
89/03/08	05:50	03/08	11:39	83-00.1S	087-29.1	3807	.3	-3.0	15.0	10.74	.10	33.94	7.59	.22
89/03/08	05:55	03/08	11:45	83-00.0S	087-31.9	3807	.3	-3.0	15.0	10.74	.01	33.90	7.53	.22
89/03/08	06:00	03/08	11:50	83-00.0S	087-34.9	3811	.2	-3.0	15.1	10.74	.01	33.90	7.49	.22
89/03/08	06:05	03/08	11:55	83-00.0S	087-37.9	3811	.2	-3.0	15.0	10.74	.01	33.90	7.50	.23
89/03/08	06:10	03/08	12:00	83-00.0S	087-40.8	3806	.2	-3.0	15.1	10.74	-.07	33.95	7.48	.23
89/03/08	06:15	03/08	12:05	83-00.0S	087-43.7	3800	.2	-3.0	15.2	10.74	.01	33.90	7.54	.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]
89/03/08	06:20	03/08	12:11	63-00.06	087-46.7	3805	.2	-3.0	15.1	10.66	.10	33.94	7.84	.23
89/03/08	06:25	03/08	12:16	63-00.06	087-49.7	3806	.3	-3.0	15.0	10.66	.18	33.89	7.67	.23
89/03/08	06:30	03/08	12:21	63-00.1S	087-52.6	3808	.3	-3.0	15.1	10.74	.10	33.94	7.61	.23
89/03/08	06:35	03/08	12:26	63-00.1S	087-55.6	3807	.3	-3.0	14.8	10.66	.10	33.94	7.53	.23
89/03/08	06:40	03/08	12:31	63-00.1S	087-58.6	3800	.3	-3.0	15.1	10.66	.01	33.90	7.38	.22
89/03/08	06:45	03/08	12:37	63-00.1S	088-01.4	3801	.2	-3.0	15.0	10.66	.01	33.90	7.33	.23
89/03/08	06:50	03/08	12:42	63-00.1S	088-04.0	3784	.3	-3.0	15.0	10.66	-.07	33.95	7.30	.23
89/03/08	06:55	03/08	12:47	63-00.1S	088-06.9	3809	.2	-3.0	15.1	10.86	-.16	33.91	7.31	.24
89/03/08	07:00	03/08	12:52	63-00.1S	088-09.8	3823	.2	-3.0	14.9	10.66	-.16	33.91	7.40	.24
89/03/08	07:05	03/08	12:57	63-00.1S	088-12.8	3861	.2	-3.0	15.1	10.66	.01	33.90	7.44	.23
89/03/08	07:10	03/08	13:03	63-00.1S	088-15.7	3887	.2	-3.0	15.2	10.66	.10	33.94	7.51	.23
89/03/08	07:15	03/08	13:08	63-00.1S	088-18.7	4029	.2	-3.0	15.0	10.66	.01	34.00	7.46	.23
89/03/08	07:20	03/08	13:13	62-59.9S	088-21.6	4020	.2	-3.0	15.0	10.74	.10	33.94	7.47	.23
89/03/08	07:25	03/08	13:18	62-59.9S	088-24.5	4016	.2	-3.0	15.1	10.74	.18	34.00	7.49	.23
89/03/08	07:30	03/08	13:23	62-59.8S	088-27.4	4008	.3	-3.0	15.1	10.74	.43	33.93	7.59	.22
89/03/08	07:35	03/08	13:29	62-59.5S	088-31.1	4009	.3	-3.0	15.0	10.74	.35	33.98	7.57	.22
89/03/08	07:40	03/08	13:34	62-59.5S	088-34.1	3996	.3	-3.0	15.0	10.74	.35	33.98	7.62	.23
89/03/08	07:45	03/08	13:39	62-59.5S	088-37.0	3961	.3	-3.0	15.0	10.74	.43	33.93	7.64	.22
89/03/08	07:50	03/08	13:44	62-59.5S	088-40.0	3940	.3	-3.0	15.1	10.74	.52	33.87	7.66	.22
89/03/08	07:55	03/08	13:49	62-59.5S	088-43.0	3916	.2	-3.0	15.0	10.74	.43	33.93	7.58	.22
89/03/08	08:00	03/08	13:55	62-59.5S	088-45.9	3884	.2	-3.0	15.0	10.74	.43	33.93	7.55	.22
89/03/08	08:05	03/08	14:00	62-59.5S	088-48.9	3894	.2	-3.0	15.0	10.74	.35	33.89	7.48	.23
89/03/08	08:10	03/08	14:05	62-59.5S	088-51.9	3892	.2	-3.0	15.0	10.74	.18	34.00	7.44	.23
89/03/08	08:15	03/08	14:10	62-59.5S	088-54.8	3886	.2	-3.0	15.0	10.74	.18	33.89	7.44	.23
89/03/08	08:20	03/08	14:15	62-59.5S	088-57.8	3889	.2	-3.0	15.0	10.66	.18	33.89	7.51	.23
89/03/08	08:25	03/08	14:21	62-59.5S	089-00.8	3887	.2	-3.0	15.1	10.66	.26	33.94	7.55	.23
89/03/08	08:30	03/08	14:26	62-59.5S	089-03.7	3895	.2	-3.0	15.0	10.66	.43	33.93	7.62	.22
89/03/08	08:35	03/08	14:31	62-59.8S	089-07.1	3883	.2	-3.0	15.0	10.74	.43	33.93	7.56	.22
89/03/08	08:40	03/08	14:36	62-59.8S	089-10.0	3871	.2	-3.0	15.0	10.74	.43	33.93	7.51	.22
89/03/08	08:45	03/08	14:41	62-59.8S	089-13.0	3867	.2	-3.0	15.1	10.74	.35	33.98	7.46	.22
89/03/08	08:50	03/08	14:47	62-59.8S	089-16.0	3861	.2	-3.0	15.1	10.66	.43	33.93	7.47	.22
89/03/08	08:55	03/08	14:52	62-59.9S	089-18.9	3814	.2	-3.0	15.1	10.66	.43	33.93	7.51	.22
89/03/08	09:00	03/08	14:57	63-00.0S	089-21.9	3832	.2	-3.0	15.0	10.66	.35	33.98	7.54	.23
89/03/08	09:05	03/08	15:02	63-00.0S	089-24.8	3860	.2	-3.0	15.1	10.66	.26	33.94	7.56	.23
89/03/08	09:10	03/08	15:07	63-00.0S	089-27.8	3893	.2	-3.0	15.1	10.66	.26	33.94	7.59	.23
89/03/08	09:15	03/08	15:13	63-00.0S	089-30.8	4015	.2	-3.0	15.0	10.66	.35	33.98	7.59	.23
89/03/08	09:20	03/08	15:18	63-00.1S	089-33.8	4030	.2	-3.0	15.1	10.74	.43	33.93	7.58	.23
89/03/08	09:25	03/08	15:23	63-00.1S	089-36.9	4024	.2	-3.0	15.0	10.74	.35	33.98	7.52	.23
89/03/08	09:30	03/08	15:28	63-00.1S	089-39.9	3950	.2	-3.0	15.0	10.74	.35	33.98	7.49	.23
89/03/08	09:35	03/08	15:33	63-00.1S	089-42.9	3917	.1	-3.0	15.0	10.66	.35	33.98	7.52	.23
89/03/08	09:40	03/08	15:39	63-00.1S	089-45.8	3884	.2	-3.0	15.0	10.74	.35	33.98	7.56	.23
89/03/08	09:45	03/08	15:44	63-00.1S	089-48.8	3867	.2	-3.0	15.0	10.66	.18	34.00	7.50	.23
89/03/08	09:50	03/08	15:49	63-00.1S	089-51.8	3730	.1	-3.0	15.0	10.66	.18	34.00	7.51	.23
89/03/08	09:55	03/08	15:54	63-00.1S	089-54.8	4000	.1	-3.0	15.0	10.74	.18	34.00	7.56	.23
89/03/08	10:00	03/08	15:59	63-00.1S	089-57.8	4036	.1	-3.0	15.1	10.66	.26	34.04	7.56	.23
89/03/08	10:05	03/08	16:05	63-00.1S	090-00.8	4005	.1	-3.0	15.0	10.66	.35	33.98	7.54	.23
89/03/08	10:10	03/08	16:10	63-00.2S	090-03.7	3922	.1	-3.0	15.1	10.66	.26	33.94	7.48	.23
89/03/08	10:15	03/08	16:15	63-00.2S	090-06.7	3881	.1	-3.0	14.9	10.66	.26	33.94	7.51	.23
89/03/08	10:20	03/08	16:20	63-00.2S	090-09.7	3871	.1	-3.0	15.1	10.66	.26	33.94	7.56	.23
89/03/08	10:25	03/08	16:25	63-00.2S	090-12.7	3854	.1	-3.0	15.0	10.66	.35	33.98	7.62	.23
89/03/08	10:30	03/08	16:31	63-00.2S	090-15.7	3858	.1	-3.0	15.0	10.74	.35	33.98	7.82	.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]
89/03/08	10:35	03/08	16:36	63-00.2S	090-18.6	3886	.1	-3.0	14.9	10.74	.35	33.98	7.84	.24
89/03/08	10:40	03/08	16:41	63-00.2S	090-21.6	3854	.1	-3.0	15.1	10.74	.35	33.98	7.82	.24
89/03/08	10:45	03/08	16:46	62-59.6S	090-24.0	3877	.1	-3.0	14.9	10.74	.35	33.98	7.51	.24
89/03/08	10:50	03/08	16:51	62-59.8S	090-26.9	3865	.1	-3.0	14.9	10.74	.35	33.98	7.52	.24
89/03/08	10:55	03/08	16:56	62-59.8S	090-29.9	3858	.1	-3.0	14.9	10.74	.35	33.98	7.53	.25
89/03/08	11:00	03/08	17:02	62-59.8S	090-32.8	3887	.1	-3.0	15.0	10.66	.35	33.98	7.53	.24
89/03/08	11:05	03/08	17:07	62-59.8S	090-35.8	3874	.1	-3.0	14.9	10.74	.35	33.98	7.55	.25
89/03/08	11:10	03/08	17:12	62-59.8S	090-38.7	3869	.1	-3.0	14.9	10.66	.43	33.93	7.84	.24
89/03/08	11:15	03/08	17:17	62-59.8S	090-41.6	3879	.1	-3.0	15.0	10.74	.43	34.03	7.66	.24
89/03/08	11:20	03/08	17:22	62-59.5S	090-44.6	3862	.1	-3.0	15.1	10.74	.43	33.93	7.66	.25
89/03/08	11:25	03/08	17:28	62-59.8S	090-47.6	3874	.1	-3.0	15.0	10.74	.35	33.98	7.56	.24
89/03/08	11:30	03/08	17:33	62-59.8S	090-50.5	3877	.1	-3.0	15.1	10.74	.35	33.98	7.52	.24
89/03/08	11:35	03/08	17:38	62-59.8S	090-53.5	3868	.1	-3.0	15.0	10.74	.26	33.94	7.49	.25
89/03/08	11:40	03/08	17:43	62-59.9S	090-56.5	3860	.1	-3.0	15.0	10.74	.26	34.04	7.50	.25
89/03/08	11:45	03/08	17:48	62-59.9S	090-59.4	3853	.1	-3.0	15.0	10.74	.26	34.04	7.55	.25
89/03/08	11:50	03/08	17:54	62-59.9S	091-02.4	3866	.1	-3.0	15.1	10.74	.35	33.98	7.55	.25
89/03/08	11:55	03/08	17:59	62-59.9S	091-05.3	3870	.1	-3.0	15.1	10.74	.35	33.98	7.80	.24
89/03/08	12:00	03/08	18:04	62-59.9S	091-08.3	3844	.1	-3.0	15.1	10.74	.26	34.04	7.86	.25
89/03/08	12:05	03/08	18:09	62-59.9S	091-11.3	3831	.1	-3.0	15.0	10.74	.26	34.04	7.62	.25
89/03/08	12:10	03/08	18:14	62-59.8S	091-14.1	3819	.1	-3.0	14.9	10.74	.26	34.04	7.58	.33
89/03/08	12:15	03/08	18:20	62-59.8S	091-17.0	3806	.1	-3.0	15.1	10.74	.10	34.05	7.48	.30
89/03/08	12:20	03/08	18:25	62-59.8S	091-20.0	3797	.1	-3.0	15.1	10.74	.10	34.05	7.47	.29
89/03/08	12:25	03/08	18:30	62-59.8S	091-23.0	3802	.1	-3.0	15.2	10.74	.18	34.00	7.55	.32
89/03/08	12:30	03/08	18:35	62-59.8S	091-25.9	3777	.1	-3.0	15.2	10.74	.18	34.00	7.60	.35
89/03/08	12:35	03/08	18:40	62-59.8S	091-28.6	3752	.1	-3.0	15.1	10.74	.10	34.05	7.61	.31
89/03/08	12:40	03/08	18:46	62-59.8S	091-31.5	3736	.1	-3.0	15.1	10.74	.01	34.00	7.63	.31
89/03/08	12:45	03/08	18:51	62-59.8S	091-34.4	3717	0.0	-3.0	14.9	10.74	-.07	33.95	7.69	.32
89/03/08	12:50	03/08	18:56	62-59.8S	091-37.4	3714	0.0	-3.0	15.1	10.74	-.07	33.95	7.66	.31
89/03/08	12:55	03/08	19:01	62-59.5S	091-40.3	3716	0.0	-3.0	14.9	10.74	-.16	33.91	7.58	.30
89/03/08	13:00	03/08	19:06	62-59.5S	091-43.3	3708	0.0	-3.0	15.0	10.74	-.24	33.96	7.57	.30
89/03/08	13:05	03/08	19:12	62-59.5S	091-46.2	3715	0.0	-3.0	15.1	10.74	-.16	34.01	7.62	.35
89/03/08	13:10	03/08	19:17	62-59.5S	091-49.1	3719	0.0	-3.0	15.1	10.74	-.16	34.01	7.61	.32
89/03/08	13:15	03/08	19:22	62-59.5S	091-52.1	3739	-.1	-3.0	15.0	10.66	-.24	33.96	7.57	.30
89/03/08	13:20	03/08	19:27	62-59.5S	091-55.0	3761	-.1	-3.0	15.2	10.74	-.33	33.91	7.55	.33
89/03/08	13:25	03/08	19:32	62-59.5S	091-58.0	3792	-.1	-3.0	15.1	10.74	-.07	33.95	7.77	.37
89/03/08	13:30	03/08	19:38	62-59.5S	092-00.9	3862	-.1	-3.0	15.1	10.74	.01	33.90	7.85	.36
89/03/08	13:35	03/08	19:43	62-59.5S	092-03.8	3852	-.1	-3.0	15.1	10.74	-.07	33.95	7.81	.34
89/03/08	13:40	03/08	19:48	62-59.8S	092-06.8	3855	-.1	-3.0	15.1	10.74	-.07	33.95	7.72	.34
89/03/08	13:45	03/08	19:53	62-59.7S	092-09.7	3885	-.1	-3.0	15.0	10.74	-.16	34.01	7.67	.34
89/03/08	13:50	03/08	19:58	62-59.8S	092-12.7	3917	-.1	-3.0	15.0	10.74	-.07	33.95	7.67	.33
89/03/08	13:55	03/08	20:04	62-59.9S	092-15.6	3942	-.1	-3.0	14.9	10.74	-.16	34.01	7.66	.33
89/03/08	14:00	03/08	20:09	62-59.8S	092-18.5	3972	0.0	-3.0	15.0	10.74	-.07	33.95	7.69	.35
89/03/08	14:05	03/08	20:14	62-59.8S	092-21.5	3975	0.0	-3.0	15.1	10.74	.26	33.94	7.80	.38
89/03/08	14:10	03/08	20:19	62-59.8S	092-24.4	3948	0.0	-3.0	15.1	10.74	.18	34.00	7.80	.35
89/03/08	14:15	03/08	20:24	62-59.8S	092-27.4	3944	.1	-3.0	14.9	10.74	.18	34.00	7.82	.36
89/03/08	14:20	03/08	20:29	63-00.2S	092-29.8	3908	.1	-3.0	15.0	10.74	.26	34.04	7.85	.37
89/03/08	14:25	03/08	20:35	63-00.2S	092-32.7	3881	.1	-3.0	15.1	10.81	.26	34.04	7.78	.39
89/03/08	14:30	03/08	20:40	63-00.2S	092-35.6	3833	.1	-3.0	15.0	10.74	.35	33.98	7.67	.37
89/03/08	14:35	03/08	20:45	63-00.2S	092-38.5	3840	.1	-3.0	15.1	10.74	.35	33.98	7.66	.38
89/03/08	14:40	03/08	20:50	63-00.3S	092-41.5	3794	.1	-3.0	15.1	10.74	.35	33.98	7.61	.39
89/03/08	14:45	03/08	20:55	63-00.4S	092-44.5	3805	.1	-3.0	15.0	10.74	.35	33.98	7.66	.39

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]
89/03/08	14:50	03/08	21:01	63-00.4S	092-47.5	3787	.1	-3.0	15.0	10.74	.35	33.98	7.68	.40
89/03/08	14:55	03/08	21:06	63-00.4S	092-50.4	3768	.1	-3.0	14.9	10.81	.35	33.98	7.75	.40
89/03/08	15:00	03/08	21:11	63-00.4S	092-53.3	3749	.1	-3.0	14.9	10.74	.26	34.04	7.78	.39
89/03/08	15:05	03/08	21:16	63-00.7S	092-56.2	3722	.1	-3.0	15.1	10.81	.35	33.98	7.81	.39
89/03/08	15:10	03/08	21:21	63-00.9S	092-59.0	3711	.1	-3.0	13.7	10.81	.35	33.98	7.74	.40
89/03/08	15:15	03/08	21:27	63-00.3S	093-01.3	3879	.1	-3.0	14.8	10.74	.26	33.94	7.66	.40
89/03/08	15:20	03/08	21:32	62-59.6S	093-03.7	3670	.1	-3.0	14.9	10.74	.18	33.89	7.62	.40
89/03/08	15:25	03/08	21:37	62-58.9S	093-06.0	3649	.1	-3.0	14.7	10.81	.10	33.94	7.52	.34
89/03/08	15:30	03/08	21:42	62-58.2S	093-08.4	3631	.1	-3.0	14.8	10.81	.10	33.94	7.56	.37
89/03/08	15:35	03/08	21:47	62-57.7S	093-10.9	3610	.2	-3.0	14.5	10.81	.10	33.94	7.62	.42
89/03/08	15:40	03/08	21:52	62-57.5S	093-13.7	3577	.2	-3.0	15.0	10.81	.10	33.94	7.69	.43
89/03/08	15:45	03/08	21:58	62-57.3S	093-16.6	3558	.2	-3.0	15.1	10.81	.10	33.94	7.75	.44
89/03/08	15:50	03/08	22:03	62-57.1S	093-19.5	3499	.2	-3.0	15.0	10.81	.18	33.89	7.80	.44
89/03/08	15:55	03/08	22:08	62-56.9S	093-22.4	3477	.2	-3.0	15.0	10.89	.18	34.00	7.77	.43
89/03/08	16:00	03/08	22:13	62-56.9S	093-25.3	3462	.2	-3.0	15.0	10.89	.26	33.94	7.77	.42
89/03/08	16:05	03/08	22:18	62-57.0S	093-28.2	3465	.3	-3.0	15.0	10.89	.35	33.98	7.73	.43
89/03/08	16:10	03/08	22:24	62-57.0S	093-31.1	3474	.3	-3.0	15.1	10.81	.35	33.98	7.71	.42
89/03/08	16:15	03/08	22:29	62-57.0S	093-34.1	3434	.3	-3.0	15.2	10.81	.35	33.98	7.67	.43
89/03/08	16:20	03/08	22:34	62-57.1S	093-37.0	3449	.3	-3.0	14.9	10.74	.35	33.98	7.64	.41
89/03/08	16:25	03/08	22:39	62-57.3S	093-39.9	3400	.3	-3.0	15.2	10.74	.26	33.94	7.59	.37
89/03/08	16:30	03/08	22:44	62-57.1S	093-42.7	3362	.3	-3.0	15.1	10.81	.26	33.94	7.66	.39
89/03/08	16:35	03/08	22:50	62-57.3S	093-45.5	3275	.3	-3.0	15.0	10.81	.35	33.98	7.72	.41
89/03/08	16:40	03/08	22:55	62-57.5S	093-48.4	3300	.3	-3.0	15.1	10.81	.43	33.93	7.80	.40
89/03/08	16:45	03/08	23:00	62-57.7S	093-51.3	3306	.3	-3.0	14.8	10.81	.43	34.03	7.80	.42
89/03/08	16:50	03/08	23:05	62-58.0S	093-54.2	3338	.3	-3.0	15.2	10.81	.43	34.03	7.71	.42
89/03/08	16:55	03/08	23:10	62-58.1S	093-57.1	3373	.3	-3.0	15.0	11.12	.43	33.93	7.67	.43
89/03/08	17:00	03/08	23:15	62-58.4S	093-60.0	3433	.3	-3.0	15.1	11.57	.43	33.93	7.67	.42
89/03/08	17:05	03/08	23:21	62-58.6S	094-02.9	3506	.3	-3.0	15.1	11.57	.43	33.93	7.66	.43
89/03/08	17:10	03/08	23:26	62-58.8S	094-05.8	3608	.3	-3.0	15.0	11.57	.43	33.93	7.66	.43
89/03/08	17:15	03/08	23:31	62-59.0S	094-08.6	3711	.3	-3.0	14.5	11.57	.35	33.98	7.69	.43
89/03/08	17:20	03/08	23:36	62-59.8S	094-10.3	3670	.3	-3.0	15.1	11.57	.26	34.04	7.72	.43
89/03/08	17:25	03/08	23:41	62-59.9S	094-13.1	3639	.3	-3.0	15.1	11.57	.18	34.00	7.72	.44
89/03/08	17:30	03/08	23:47	63-00.2S	094-16.0	3509	.3	-3.0	15.2	11.65	.18	34.00	7.73	.43
89/03/08	17:35	03/08	23:52	63-00.6S	094-18.8	3493	.3	-3.0	15.2	11.65	.18	34.00	7.70	.43
89/03/08	17:40	03/08	23:57	63-00.9S	094-21.6	3475	.3	-3.0	15.2	11.65	.10	34.05	7.63	.43
89/03/08	17:45	03/09	00:02	63-01.1S	094-24.4	3454	.3	-3.0	14.9	11.65	.10	33.94	7.64	.43
89/03/08	17:50	03/09	00:07	63-01.0S	094-27.3	3409	.3	-3.0	14.9	11.65	.10	33.94	7.63	.40
89/03/08	17:55	03/09	00:13	63-00.8S	094-30.2	3410	.3	-3.0	14.9	11.57	.01	34.00	7.66	.35
89/03/08	18:00	03/09	00:18	63-00.7S	094-33.1	3408	.3	-3.0	14.9	11.57	.01	33.90	7.66	.34
89/03/08	18:05	03/09	00:23	63-00.7S	094-35.9	3409	.3	-3.0	15.1	11.50	.01	33.90	7.74	.34
89/03/08	18:10	03/09	00:28	63-00.5S	094-38.8	3394	.3	-3.0	14.9	11.50	.01	33.90	7.81	.37
89/03/08	18:15	03/09	00:33	63-00.8S	094-42.1	3385	.3	-3.0	15.1	11.50	.01	33.90	7.78	.36
89/03/08	18:20	03/09	00:39	63-00.9S	094-45.1	3390	.3	-3.0	15.2	11.50	.01	33.90	7.71	.35
89/03/08	18:25	03/09	00:44	63-00.9S	094-47.9	3400	.3	-3.0	15.0	11.42	-.07	33.95	7.66	.36
89/03/08	18:30	03/09	00:49	63-00.9S	094-50.9	3400	.3	-3.0	15.1	11.42	-.07	33.95	7.63	.35
89/03/08	18:35	03/09	00:54	63-01.0S	094-53.8	3401	.3	-3.0	15.0	11.42	-.07	33.95	7.64	.35
89/03/08	18:40	03/09	00:59	63-01.0S	094-56.7	3416	.3	-3.0	15.0	11.42	.01	33.90	7.69	.33
89/03/08	18:45	03/09	01:04	63-01.0S	094-59.6	3421	.3	-3.0	15.1	11.42	.01	33.90	7.72	.34
89/03/08	18:50	03/09	01:10	63-01.0S	095-02.5	3417	.3	-3.0	15.0	11.34	.01	33.90	7.85	.36
89/03/08	18:55	03/09	01:15	63-01.0S	095-05.4	3443	.3	-3.0	14.9	11.34	.01	33.90	7.84	.36
89/03/08	19:00	03/09	01:20	63-01.1S	095-08.3	3450	.3	-3.0	15.0	11.42	.01	33.90	7.78	.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]
89/03/08	19:05	03/09	01:25	63-01.1S	095-11.2	3436	.3	-3.0	14.9	11.34	.01	33.90	7.77	.37
89/03/08	19:10	03/09	01:30	63-01.1S	095-14.1	3423	.3	-3.0	15.0	11.42	.01	33.90	7.73	.38
89/03/08	19:15	03/09	01:36	63-01.1S	095-17.0	3383	.3	-3.0	15.1	11.42	.01	34.00	7.76	.39
89/03/08	19:20	03/09	01:41	63-01.1S	095-19.9	3368	.3	-3.0	15.0	11.34	.10	33.94	7.77	.40
89/03/08	19:25	03/09	01:46	63-01.3S	095-22.8	3346	.3	-3.0	15.1	11.34	.10	33.94	7.76	.38
89/03/08	19:30	03/09	01:51	63-01.4S	095-25.7	3320	.3	-3.0	15.1	11.42	.18	34.00	7.84	.39
89/03/08	19:35	03/09	01:56	63-01.6S	095-28.6	3316	.3	-3.0	15.1	11.42	.26	33.94	7.88	.39
89/03/08	19:40	03/09	02:02	63-01.3S	095-32.6	3271	.3	-3.0	15.1	11.42	.26	33.94	7.84	.38
89/03/08	19:45	03/09	02:07	63-01.3S	095-35.4	3248	.3	-3.0	14.8	11.42	.18	34.00	7.86	.42
89/03/08	19:50	03/09	02:12	63-01.3S	095-38.3	3236	.3	-3.0	15.0	11.42	.18	34.00	7.80	.40
89/03/08	19:55	03/09	02:17	63-01.3S	095-41.3	3217	.3	-3.0	15.1	11.42	.18	33.89	7.76	.41
89/03/08	20:00	03/09	02:22	63-01.3S	095-44.2	3148	.3	-3.0	15.1	11.42	.18	33.89	7.81	.42
89/03/08	20:05	03/09	02:28	63-01.3S	095-47.3	3158	.3	-3.0	14.9	11.42	.18	34.00	7.85	.44
89/03/08	20:10	03/09	02:33	63-01.3S	095-50.3	3117	.3	-3.0	15.0	11.42	.18	33.89	7.87	.44
89/03/08	20:15	03/09	02:38	63-01.2S	095-53.2	3074	.3	-3.0	15.0	11.42	.18	33.89	7.91	.44
89/03/08	20:20	03/09	02:43	63-01.1S	095-56.2	3029	.3	-3.0	15.1	11.42	.18	33.89	7.93	.43
89/03/08	20:25	03/09	02:48	63-01.0S	095-59.1	2976	.3	-3.0	15.0	11.50	.10	33.94	7.84	.40
89/03/08	20:30	03/09	02:54	63-00.9S	096-02.0	2917	.3	-3.0	15.0	11.42	.01	33.90	7.76	.39
89/03/08	20:35	03/09	02:59	63-00.8S	096-04.9	2848	.3	-3.0	15.0	11.50	.01	33.90	7.74	.39
89/03/08	20:40	03/09	03:04	63-00.7S	096-07.9	2757	.3	-3.0	15.1	11.50	.10	33.94	7.80	.39
89/03/08	20:45	03/09	03:09	63-00.6S	096-10.8	2674	.3	-3.0	15.0	11.50	.18	33.89	7.87	.40
89/03/08	20:50	03/09	03:14	63-00.6S	096-13.7	2592	.3	-3.0	14.9	11.27	.18	34.00	7.85	.41
89/03/08	20:55	03/09	03:20	63-00.3S	096-16.4	2573	.3	-3.0	15.1	11.12	.26	33.94	7.90	.38
89/03/08	21:00	03/09	03:25	63-00.3S	096-19.4	2605	.3	-3.0	15.0	11.04	.26	33.94	7.91	.41
89/03/08	21:05	03/09	03:30	63-00.3S	096-22.3	2651	.3	-3.0	14.9	11.19	.35	33.98	7.95	.40
89/03/08	21:10	03/09	03:35	63-00.4S	096-25.2	2606	.3	-3.0	14.9	11.34	.43	33.93	7.95	.40
89/03/08	21:15	03/09	03:40	63-00.1S	096-28.1	2626	.3	-3.0	15.0	11.34	.43	33.93	7.84	.40
89/03/08	21:20	03/09	03:46	62-59.9S	096-31.0	2678	.3	-3.0	15.0	11.34	.43	33.93	7.85	.41
89/03/08	21:25	03/09	03:51	62-59.7S	096-34.2	2630	.2	-3.0	15.0	11.34	.35	33.98	7.83	.41
89/03/08	21:30	03/09	03:56	62-59.7S	096-37.1	2613	.2	-3.0	15.0	11.34	.43	33.93	7.88	.41
89/03/08	21:35	03/09	04:01	62-59.7S	096-40.1	2594	.2	-3.0	15.0	11.34	.35	33.98	7.86	.39
89/03/08	21:40	03/09	04:06	62-59.7S	096-43.0	2591	.2	-3.0	15.0	11.34	.35	33.98	7.90	.41
89/03/08	21:45	03/09	04:12	62-59.7S	096-46.0	2580	.1	-3.0	15.0	11.34	.43	33.93	7.95	.37
89/03/08	21:50	03/09	04:17	62-59.6S	096-48.7	2550	.1	-3.0	15.0	11.34	.26	33.94	7.80	.32
89/03/08	21:55	03/09	04:22	62-59.6S	096-51.7	2569	.1	-3.0	14.9	11.34	.26	33.94	7.75	.33
89/03/08	22:00	03/09	04:27	62-59.6S	096-54.6	2533	.1	-3.0	15.0	11.34	.26	33.94	7.77	.39
89/03/08	22:05	03/09	04:32	62-59.6S	096-57.5	2556	.1	-3.0	15.1	11.42	.35	33.89	7.79	.39
89/03/08	22:10	03/09	04:38	62-59.6S	097-00.5	2646	.1	-3.0	15.0	11.34	.35	33.89	7.75	.31
89/03/08	22:15	03/09	04:43	62-59.6S	097-03.4	2645	.1	-3.0	15.0	11.42	.35	33.98	7.80	.34
89/03/08	22:20	03/09	04:48	62-59.6S	097-06.4	2684	.1	-3.0	15.1	11.42	.43	33.93	7.74	.25
89/03/08	22:25	03/09	04:53	62-59.6S	097-09.3	2715	0.0	-3.0	15.0	11.42	.35	33.89	7.81	.27
89/03/08	22:30	03/09	04:58	62-59.6S	097-12.2	2709	-.1	-3.0	14.9	11.42	.26	33.94	7.76	.27
89/03/08	22:35	03/09	05:04	62-59.6S	097-15.1	2664	-.2	-3.0	15.1	11.42	.35	33.89	7.75	.29
89/03/08	22:40	03/09	05:09	62-59.6S	097-18.1	2707	-.2	-3.0	15.0	11.42	.35	33.89	7.64	.22
89/03/08	22:45	03/09	05:14	62-59.6S	097-21.2	2732	-.2	-3.0	14.9	11.34	.18	33.89	7.56	.23
89/03/08	22:50	03/09	05:19	62-59.6S	097-24.1	2732	-.2	-3.0	15.0	11.42	.18	33.89	7.61	.24
89/03/08	22:55	03/09	05:24	62-59.6S	097-27.1	2727	-.2	-3.0	14.9	11.34	.26	33.94	7.66	.23
89/03/08	23:00	03/09	05:30	62-59.6S	097-30.0	2703	-.2	-3.0	14.8	11.34	.26	33.94	7.84	.22
89/03/08	23:05	03/09	05:35	62-59.6S	097-32.9	2673	-.3	-3.0	14.8	11.34	.35	33.89	7.69	.21
89/03/08	23:10	03/09	05:40	62-59.6S	097-35.9	2589	-.3	-3.0	15.0	11.34	.43	33.83	7.71	.22
89/03/08	23:15	03/09	05:45	62-59.6S	097-38.8	2618	-.3	-3.0	14.9	11.34	.43	33.83	7.69	.22

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]
89/03/08	23:20	03/09	05:50	62-59.8S	097-41.8	2621	-3	-3.0	15.0	11.34	.35	33.89	7.62	.23
89/03/08	23:25	03/09	05:55	62-59.8S	097-44.7	2609	-3	-3.0	14.9	11.34	.35	33.89	7.59	.23
89/03/08	23:30	03/09	06:01	62-59.7S	097-47.6	2644	-3	-3.0	14.9	11.34	.35	33.89	7.56	.23
89/03/08	23:35	03/09	06:06	62-59.8S	097-50.6	2698	-3	-3.0	14.7	11.34	.28	33.94	7.54	.23
89/03/08	23:40	03/09	06:11	62-59.9S	097-53.2	2785	-2	-3.0	14.9	11.34	.35	33.89	7.61	.23
89/03/08	23:45	03/09	06:16	62-59.9S	097-56.0	2889	0.0	-3.0	15.1	11.34	.35	33.89	7.63	.23
89/03/08	23:50	03/09	06:21	62-59.9S	097-59.0	3029	.1	-3.0	14.8	11.34	.35	33.89	7.67	.22
89/03/08	23:55	03/09	06:27	63-00.0S	098-01.9	3217	.1	-3.0	14.8	11.34	.35	33.89	7.63	.22
89/03/09	00:00	03/09	08:32	63-00.0S	098-04.8	3467	.1	-3.0	14.8	11.42	.43	33.93	7.68	.22
89/03/09	00:05	03/09	08:37	63-00.0S	098-07.7	3608	.1	-3.0	14.8	11.34	.52	33.87	7.61	.22
89/03/09	00:10	03/09	08:42	63-00.0S	098-10.6	3573	.1	-3.0	14.9	11.34	.52	33.87	7.59	.22
89/03/09	00:15	03/09	08:47	63-00.0S	098-13.5	3570	.1	-3.0	14.7	11.34	.35	33.98	7.56	.22
89/03/09	00:20	03/09	08:53	63-00.0S	098-16.4	3557	.1	-3.0	14.9	11.42	.43	33.93	7.55	.22
89/03/09	00:25	03/09	08:58	63-00.0S	098-19.3	3546	.1	-3.0	14.9	11.42	.43	33.93	7.61	.22
89/03/09	00:30	03/09	07:03	63-00.0S	098-22.2	3425	.1	-3.0	14.8	11.42	.43	33.93	7.66	.22
89/03/09	00:35	03/09	07:08	62-59.8S	098-25.0	3602	0.0	-3.0	14.9	11.42	.43	33.93	7.66	.22
89/03/09	00:40	03/09	07:13	62-59.8S	098-27.9	3589	0.0	-3.0	14.9	11.42	.52	33.87	7.67	.22
89/03/09	00:45	03/09	07:19	62-59.8S	098-30.8	3579	0.0	-3.0	14.8	11.42	.52	33.98	7.62	.22
89/03/09	00:50	03/09	07:24	62-59.8S	098-33.7	3577	0.0	-3.0	14.9	11.42	.60	34.03	7.59	.22
89/03/09	00:55	03/09	07:29	62-59.8S	098-36.7	3599	-.1	-3.0	14.9	11.42	.52	33.98	7.53	.22
89/03/09	01:00	03/09	07:34	62-59.8S	098-39.5	3300	-.1	-3.0	14.7	11.42	.52	33.98	7.54	.22
89/03/09	01:05	03/09	07:39	62-59.9S	098-42.4	3141	0.0	-3.0	14.9	11.42	.52	33.98	7.56	.22
89/03/09	01:10	03/09	07:45	62-59.9S	098-45.3	2814	0.0	-3.0	15.0	11.42	.52	33.98	7.59	.22
89/03/09	01:15	03/09	07:50	62-59.8S	098-48.2	2707	0.0	-3.0	14.8	11.42	.52	33.98	7.58	.21
89/03/09	01:20	03/09	07:55	62-59.9S	098-51.1	2586	0.0	-3.0	14.9	11.42	.52	33.98	7.61	.22
89/03/09	01:25	03/09	08:00	62-59.8S	098-54.0	2610	0.0	-3.0	14.9	11.42	.52	33.98	7.53	.21
89/03/09	01:30	03/09	08:05	62-59.8S	098-56.9	2610	-.1	-3.0	14.9	11.42	.43	34.03	7.46	.21
89/03/09	01:35	03/09	08:10	62-59.8S	098-59.8	2666	0.0	-3.0	15.0	11.42	.43	34.03	7.48	.22
89/03/09	01:40	03/09	08:16	62-59.8S	099-02.7	2692	0.0	-3.0	14.8	11.42	.43	34.03	7.52	.23
89/03/09	01:45	03/09	08:21	62-59.8S	099-05.6	2675	0.0	-3.0	14.7	11.42	.52	33.98	7.56	.23
89/03/09	01:50	03/09	08:26	63-00.1S	099-08.6	2684	0.0	-3.0	14.8	11.42	.52	33.98	7.61	.22
89/03/09	01:55	03/09	08:31	63-00.1S	099-11.5	2688	0.0	-3.0	14.7	11.34	.43	34.03	7.62	.21
89/03/09	02:00	03/09	08:36	63-00.1S	099-14.3	2730	0.0	-3.0	14.8	11.34	.43	34.03	7.61	.21
89/03/09	02:05	03/09	08:42	63-00.1S	099-16.1	2745	0.0	-3.0	14.8	11.34	.35	33.98	7.56	.21
89/03/09	02:10	03/09	08:47	63-00.1S	099-18.9	2755	0.0	-3.0	14.9	11.42	.35	33.98	7.52	.21
89/03/09	02:15	03/09	08:52	63-00.1S	099-21.8	2834	0.0	-3.0	14.8	11.42	.28	33.94	7.49	.21
89/03/09	02:20	03/09	08:57	63-00.1S	099-24.7	2856	0.0	-3.0	14.8	11.42	.18	34.00	7.46	.21
89/03/09	02:25	03/09	09:02	63-00.1S	099-27.5	2849	0.0	-3.0	14.9	11.42	.18	34.00	7.48	.21
89/03/09	02:30	03/09	09:08	63-00.1S	099-30.4	2826	0.0	-3.0	14.9	11.42	.28	33.94	7.53	.21
89/03/09	02:35	03/09	09:13	63-00.1S	099-33.3	2823	.1	-3.0	14.8	11.42	.35	33.98	7.59	.21
89/03/09	02:40	03/09	09:18	63-00.1S	099-36.2	2820	.7	-3.0	14.9	11.50	.35	33.98	7.63	.21
89/03/09	02:45	03/09	09:23	63-00.1S	099-39.1	2789	.2	-3.0	14.8	11.57	.35	33.98	7.60	.20
89/03/09	02:50	03/09	09:28	63-00.1S	099-41.9	2717	.3	-3.0	14.8	11.57	.35	33.98	7.61	.20
89/03/09	02:55	03/09	09:33	63-00.1S	099-44.8	2639	.7	-3.0	14.8	11.57	.28	33.94	7.54	.21
89/03/09	03:00	03/09	09:39	63-00.1S	099-47.7	2552	.7	-3.0	14.9	11.50	.18	34.00	7.49	.20
89/03/09	03:05	03/09	09:44	63-00.1S	099-50.6	2477	.8	-3.0	14.9	11.57	.28	33.94	7.53	.20
89/03/09	03:10	03/09	09:49	63-00.1S	099-53.5	2431	.8	-3.0	14.9	11.57	.28	33.94	7.57	.20
89/03/09	03:15	03/09	09:54	63-00.1S	099-56.3	2394	.7	-3.0	14.8	11.57	.18	34.00	7.59	.21
89/03/09	03:20	03/09	09:59	63-00.1S	099-59.2	2383	.5	-3.0	14.8	11.57	.18	34.00	7.62	.20
89/03/09	03:25	03/09	10:05	63-00.1S	100-02.1	2358	.4	-3.0	14.8	11.57	.28	34.04	7.68	.20
89/03/09	03:30	03/09	10:10	63-00.0S	100-04.9	2273	.4	-3.0	14.8	11.57	.35	33.98	7.69	.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]
89/03/09	03:35	03/09	10:16	63-00.0S	100-07.8	2231	.3	-3.0	14.8	11.57	.26	34.04	7.63	.20
89/03/09	03:40	03/09	10:20	63-00.0S	100-10.7	2196	.3	-3.0	14.8	11.57	.01	33.90	7.51	.21
89/03/09	03:45	03/09	10:25	63-00.0S	100-13.6	2171	.3	-3.0	14.8	11.57	-.07	33.95	7.52	.21
89/03/09	03:50	03/09	10:31	63-00.5S	100-16.7	2148	.3	-3.0	14.9	11.57	.01	33.90	7.58	.21
89/03/09	03:55	03/09	10:36	63-00.5S	100-19.6	2107	.1	-3.0	14.9	11.57	-.07	34.05	7.62	.21
89/03/09	04:00	03/09	10:41	63-00.5S	100-22.5	2079	.1	-3.0	14.8	11.57	-.07	33.95	7.68	.21
89/03/09	04:05	03/09	10:46	63-00.5S	100-25.4	2068	.1	-3.0	14.7	11.57	-.07	33.95	7.70	.21
89/03/09	04:10	03/09	10:51	63-00.5S	100-28.3	2059	.1	-3.0	14.8	11.57	-.07	33.95	7.68	.21
89/03/09	04:15	03/09	10:56	63-00.8S	100-29.3	2070	.1	-3.0	14.8	11.57	.01	33.90	7.63	.21
89/03/09	04:20	03/09	11:02	63-00.8S	100-32.0	2096	.1	-3.0	14.8	11.57	-.07	33.95	7.57	.21
89/03/09	04:25	03/09	11:07	63-00.8S	100-34.9	2128	.1	-3.0	14.9	11.57	-.07	33.95	7.58	.21
89/03/09	04:30	03/09	11:12	63-00.8S	100-37.7	2124	.1	-3.0	14.6	11.57	-.07	33.95	7.63	.21
89/03/09	04:35	03/09	11:17	63-00.8S	100-40.4	2117	.1	-3.0	14.7	11.57	.01	34.00	7.68	.21
89/03/09	04:40	03/09	11:22	63-00.8S	100-43.3	2109	.1	-3.0	14.6	11.57	-.16	34.01	7.68	.21
89/03/09	04:45	03/09	11:28	63-00.8S	100-46.1	2110	.2	-3.0	14.6	11.57	-.16	34.01	7.67	.21
89/03/09	04:50	03/09	11:33	63-00.9S	100-48.8	2190	.2	-3.0	14.7	11.57	-.16	34.01	7.68	.21
89/03/09	04:55	03/09	11:38	63-00.9S	100-51.7	2315	.3	-3.0	14.5	11.57	-.16	33.91	7.62	.21
89/03/09	05:00	03/09	11:43	63-00.9S	100-54.4	2254	.3	-3.0	14.8	11.57	-.24	33.96	7.60	.22
89/03/09	05:05	03/09	11:48	63-01.0S	100-57.2	2184	.3	-3.0	14.7	11.57	-.24	33.96	7.57	.22
89/03/09	05:10	03/09	11:54	63-01.0S	101-00.0	2160	.4	-3.0	14.7	11.57	-.33	34.01	7.60	.22
89/03/09	05:15	03/09	11:59	63-01.0S	101-02.8	2150	.4	-3.0	14.5	11.57	-.16	34.01	7.63	.22
89/03/09	05:20	03/09	12:04	63-01.0S	101-05.6	2156	.4	-3.0	14.7	11.57	-.16	34.01	7.76	.21
89/03/09	05:25	03/09	12:09	63-00.8S	101-08.1	2288	.4	-3.0	14.9	11.57	-.16	34.01	7.73	.22
89/03/09	05:30	03/09	12:14	63-00.8S	101-10.9	2369	.5	-3.0	14.7	11.57	-.24	33.96	7.74	.22
89/03/09	05:35	03/09	12:19	63-00.7S	101-13.7	2547	.5	-3.0	14.7	11.57	-.24	33.96	7.68	.21
89/03/09	05:40	03/09	12:25	63-00.7S	101-16.5	2621	.5	-3.0	14.5	11.57	-.07	33.95	7.70	.21
89/03/09	05:45	03/09	12:30	63-00.7S	101-19.3	2597	.5	-3.0	14.6	11.57	.01	34.00	7.73	.21
89/03/09	05:50	03/09	12:35	63-00.7S	101-22.1	2597	.6	-3.0	14.7	11.50	-.07	34.05	7.69	.21
89/03/09	05:55	03/09	12:40	63-00.7S	101-24.8	2548	.5	-3.0	14.5	11.57	.01	34.00	7.69	.22
89/03/09	06:00	03/09	12:45	63-00.7S	101-27.6	2584	.6	-3.0	14.6	11.57	.10	34.05	7.74	.21
89/03/09	06:05	03/09	12:51	63-00.7S	101-30.4	2717	.6	-3.0	14.7	11.57	.18	34.00	7.80	.21
89/03/09	06:10	03/09	12:56	63-00.7S	101-33.1	2855	.8	-3.0	14.6	11.57	.26	34.04	7.80	.21
89/03/09	06:15	03/09	13:01	63-00.8S	101-35.9	2807	.6	-3.0	14.5	11.57	.35	33.98	7.78	.20
89/03/09	06:20	03/09	13:06	63-00.8S	101-38.6	2954	.6	-3.0	14.5	11.57	.35	33.98	7.72	.20
89/03/09	06:25	03/09	13:11	63-00.8S	101-41.3	3150	.7	-3.0	14.5	11.57	.35	33.98	7.69	.21
89/03/09	06:30	03/09	13:18	63-00.8S	101-44.1	3243	.7	-3.0	14.5	11.57	.43	33.93	7.68	.21
89/03/09	06:35	03/09	13:22	63-00.8S	101-46.9	3338	.8	-3.0	14.5	11.57	.43	33.93	7.70	.20
89/03/09	06:40	03/09	13:27	63-00.8S	101-49.7	3518	.8	-3.0	14.4	11.57	.43	33.93	7.70	.21
89/03/09	06:45	03/09	13:32	63-00.8S	101-52.4	3711	.9	-3.0	14.5	11.57	.43	33.93	7.73	.20
89/03/09	06:50	03/09	13:37	63-00.8S	101-55.1	3867	.9	-3.0	14.3	11.57	.35	33.98	7.74	.20
89/03/09	06:55	03/09	13:42	63-00.9S	101-57.9	3920	.9	-3.0	14.5	11.57	.35	33.98	7.76	.20
89/03/09	07:00	03/09	13:48	63-00.9S	102-00.6	3707	1.0	-3.0	14.4	11.57	.43	34.03	7.73	.20
89/03/09	07:05	03/09	13:53	63-00.9S	102-03.4	3754	1.0	-3.0	14.3	11.57	.43	34.03	7.68	.20
89/03/09	07:10	03/09	13:58	63-00.9S	102-06.1	3867	1.1	-3.0	14.5	11.57	.43	34.03	7.68	.20
89/03/09	07:15	03/09	14:03	63-01.0S	102-09.2	4044	1.1	-3.0	14.4	11.57	.43	34.03	7.88	.21
89/03/09	07:20	03/09	14:08	63-01.0S	102-11.9	4159	1.1	-3.0	14.5	11.57	.52	33.98	7.73	.20
89/03/09	07:25	03/09	14:13	63-01.0S	102-14.7	4201	1.1	-3.0	14.5	11.57	.43	34.03	7.75	.20
89/03/09	07:30	03/09	14:19	63-01.0S	102-17.5	4206	1.1	-3.0	14.5	11.57	.43	34.03	7.81	.20
89/03/09	07:35	03/09	14:24	63-01.0S	102-20.2	4199	1.1	-3.0	14.4	11.57	.43	34.03	7.79	.20
89/03/09	07:40	03/09	14:29	63-01.0S	102-22.9	4180	1.1	-3.0	14.3	11.57	.43	34.03	7.76	.20
89/03/09	07:45	03/09	14:34	63-01.0S	102-25.7	4111	1.1	-3.0	14.3	11.57	.43	34.03	7.71	.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]
89/03/09	07:50	03/09	14:39	63-01.1S	102-28.4	4023	1.1	-3.0	14.4	11.57	.43	34.03	7.70	.21
89/03/09	07:55	03/09	14:45	63-01.1S	102-31.5	3827	1.1	-3.0	14.4	11.57	.43	34.03	7.71	.21
89/03/09	08:00	03/09	14:50	63-01.1S	102-34.3	3760	1.1	-3.0	14.5	11.57	.43	34.03	7.76	.21
89/03/09	08:05	03/09	14:55	63-01.1S	102-37.0	3646	1.1	-3.0	14.4	11.57	.43	34.03	7.78	.21
89/03/09	08:10	03/09	15:00	63-01.1S	102-39.8	3535	1.1	-3.0	14.5	11.57	.43	34.03	7.82	.21
89/03/09	08:15	03/09	15:05	63-01.1S	102-42.6	3459	1.1	-3.0	14.4	11.57	.43	34.03	7.81	.21
89/03/09	08:20	03/09	15:11	63-01.1S	102-45.4	3447	1.1	-3.0	14.3	11.60	.26	34.04	7.78	.21
89/03/09	08:25	03/09	15:16	63-01.1S	102-48.1	3515	1.1	-3.0	14.1	11.50	.26	34.04	7.72	.21
89/03/09	08:30	03/09	15:21	63-01.1S	102-50.8	3555	1.1	-3.0	14.3	11.57	.26	34.04	7.68	.21
89/03/09	08:35	03/09	15:26	63-01.1S	102-54.0	3601	1.1	-3.0	14.4	11.57	.35	33.98	7.72	.21
89/03/09	08:40	03/09	15:31	63-01.1S	102-56.8	3490	1.1	-3.0	14.4	11.57	.43	34.03	7.72	.21
89/03/09	08:45	03/09	15:36	63-01.2S	102-59.6	3686	1.1	-3.0	14.5	11.57	.52	33.98	7.82	.20
89/03/09	08:50	03/09	15:42	63-01.2S	103-02.4	3680	1.1	-3.0	14.4	11.57	.52	33.98	7.84	.21
89/03/09	08:55	03/09	15:47	63-01.2S	103-05.2	3699	1.1	-3.0	14.3	11.57	.43	34.03	7.84	.21
89/03/09	09:00	03/09	15:52	63-01.4S	103-08.0	3714	.9	-3.0	14.1	11.57	.52	33.98	7.83	.20
89/03/09	09:05	03/09	15:57	63-01.4S	103-10.7	3717	.8	-3.0	14.3	11.57	.80	34.03	7.81	.20
89/03/09	09:10	03/09	16:02	63-01.4S	103-13.5	3732	.9	-3.0	14.3	11.57	.69	33.97	7.78	.20
89/03/09	09:15	03/09	16:08	63-01.5S	103-16.3	3722	.9	-3.0	14.1	11.57	.69	33.97	7.74	.20
89/03/09	09:20	03/09	16:13	63-01.5S	103-19.0	3703	.9	-3.0	14.3	11.57	.69	33.97	7.76	.20
89/03/09	09:25	03/09	16:18	63-01.5S	103-21.7	3678	.9	-3.0	14.4	11.50	.77	34.02	7.76	.20
89/03/09	09:30	03/09	16:23	63-01.6S	103-24.5	3667	.9	-3.0	14.0	11.57	.77	34.02	7.83	.20
89/03/09	09:35	03/09	16:28	63-01.6S	103-27.2	3658	.9	-3.0	14.4	11.57	.77	34.02	7.83	.20
89/03/09	09:40	03/09	16:34	63-01.6S	103-30.0	3641	.9	-3.0	14.2	11.57	.77	34.02	7.82	.20
89/03/09	09:45	03/09	16:39	63-01.6S	103-32.7	3627	.9	-3.0	14.1	11.57	.77	34.02	7.81	.20
89/03/09	09:50	03/09	16:44	63-01.6S	103-35.5	3615	1.0	-3.0	14.2	11.57	.69	33.97	7.73	.20
89/03/09	09:55	03/09	16:49	63-01.6S	103-38.2	3595	1.0	-3.0	14.0	11.57	.60	34.03	7.62	.20
89/03/09	10:00	03/09	16:54	63-01.7S	103-40.9	3565	1.0	-3.0	14.2	11.50	.60	34.03	7.63	.20
89/03/09	10:05	03/09	16:59	63-01.7S	103-43.6	3513	1.0	-3.0	13.7	11.57	.60	34.03	7.69	.20
89/03/09	10:10	03/09	17:05	63-01.7S	103-46.3	3493	1.1	-3.0	14.1	11.57	.60	33.93	7.70	.21
89/03/09	10:15	03/09	17:10	63-01.8S	103-49.0	3549	1.1	-3.0	14.3	11.57	.60	34.03	7.77	.22
89/03/09	10:20	03/09	17:15	63-01.8S	103-51.7	3575	1.2	-3.0	14.0	11.57	.60	34.03	7.80	.22
89/03/09	10:25	03/09	17:20	63-01.8S	103-54.4	3615	1.2	-3.0	13.7	11.57	.60	34.03	7.84	.22
89/03/09	10:30	03/09	17:25	63-01.8S	103-57.1	3634	1.3	-3.0	13.9	11.57	.60	34.03	7.81	.22
89/03/09	10:35	03/09	17:30	63-01.4S	103-59.8	3655	1.3	-3.0	14.2	11.57	.60	34.03	7.76	.22
89/03/09	10:40	03/09	17:36	63-01.4S	104-02.6	3689	1.3	-3.0	13.9	11.57	.77	34.02	7.77	.23
89/03/09	10:45	03/09	17:41	63-01.4S	104-05.2	3726	1.3	-3.0	14.3	11.57	.86	34.06	7.84	.23
89/03/09	10:50	03/09	17:46	63-01.3S	104-08.0	3749	1.3	-3.0	14.6	11.57	.94	34.01	7.85	.23
89/03/09	10:55	03/09	17:51	63-01.3S	104-10.7	3785	1.3	-3.0	14.0	11.57	.94	34.01	7.89	.24
89/03/09	11:00	03/09	17:56	63-01.3S	104-13.5	3818	1.3	-3.0	14.3	11.50	.86	34.06	7.91	.25
89/03/09	11:05	03/09	18:02	63-01.2S	104-16.3	3850	1.3	-3.0	14.4	11.57	.86	33.96	7.89	.24
89/03/09	11:10	03/09	18:07	63-01.1S	104-19.0	3891	1.3	-3.0	14.1	11.57	.86	34.06	7.86	.23
89/03/09	11:15	03/09	18:12	63-01.1S	104-21.8	3914	1.3	-3.0	14.0	11.57	.77	34.02	7.77	.22
89/03/09	11:20	03/09	18:17	63-01.0S	104-24.5	3921	1.3	-3.0	14.4	11.57	.77	34.02	7.75	.24
89/03/09	11:25	03/09	18:22	63-01.0S	104-27.3	3925	1.3	-3.0	14.7	11.57	.86	33.96	7.76	.25
89/03/09	11:30	03/09	18:28	63-01.0S	104-30.1	3932	1.2	-3.0	14.2	11.57	.86	34.06	7.80	.25
89/03/09	11:35	03/09	18:33	63-01.3S	104-37.5	3949	1.2	-3.0	14.5	11.57	.86	34.06	7.78	.26
89/03/09	11:40	03/09	18:38	63-01.2S	104-40.4	3980	1.2	-3.0	14.3	11.57	.86	34.06	7.82	.26
89/03/09	11:45	03/09	18:43	63-01.1S	104-43.3	4011	1.2	-3.0	14.6	11.50	.86	34.06	7.85	.24
89/03/09	11:50	03/09	18:49	63-01.0S	104-46.3	4015	1.2	-3.0	14.3	-1.31	-5.20	-.01	-7.50	0.00
89/03/09	11:55	03/09	18:54	63-00.9S	104-49.1	4060	1.2	-3.0	14.6	-1.31	-5.20	-.01	-7.50	0.00
89/03/09	12:00	03/09	18:59	63-00.8S	104-52.1	4067	1.2	-3.0	14.1	-1.31	-5.20	-.01	-7.50	0.00

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]
89/03/09	12:05	03/09	19:04	63-00.8S	104-55.0	4095	1.2	-3.0	14.4	-1.31	-5.20	-0.1	-7.50	0.00
89/03/09	12:10	03/09	19:09	63-00.8S	104-57.8	4056	1.2	-3.0	14.4	-1.31	-5.20	-0.1	-7.50	0.00
89/03/09	12:15	03/09	19:15	63-00.7S	105-00.6	4066	1.2	-3.0	14.4	-1.31	-5.20	-0.1	-7.50	0.00
89/03/09	12:20	03/09	19:20	63-00.8S	105-03.3	4078	1.2	-3.0	14.0	-1.31	-5.20	-0.1	-7.50	0.00
89/03/09	12:25	03/09	19:25	63-00.1S	105-05.7	4079	1.2	-3.0	14.3	-1.31	-5.20	-0.1	-7.50	0.00
89/03/09	12:35	03/09	19:35	63-00.1S	105-12.2	4066	1.2	-3.0	14.1	-1.31	-5.20	-0.1	-7.50	0.00
89/03/09	12:45	03/09	19:45	63-00.2S	105-17.9	4053	1.2	-3.0	14.5	11.65	.86	34.06	7.75	.20
89/03/09	12:50	03/09	19:51	63-00.2S	105-20.8	4045	1.2	-3.0	14.3	11.65	.94	34.01	7.72	.20
89/03/09	12:55	03/09	19:56	63-00.2S	105-23.8	4059	1.2	-3.0	14.3	11.65	.94	34.01	7.72	.20
89/03/09	13:00	03/09	20:01	63-00.3S	105-26.6	4039	1.2	-3.0	14.8	11.57	.94	34.01	7.71	.20
89/03/09	13:05	03/09	20:06	63-00.3S	105-29.6	4037	1.1	-3.0	14.3	11.50	.94	34.01	7.70	.20
89/03/09	13:10	03/09	20:12	63-00.3S	105-32.5	3828	1.1	-3.0	14.6	11.50	.94	34.01	7.73	.20
89/03/09	13:15	03/09	20:17	63-00.3S	105-35.3	4009	1.1	-3.0	14.6	11.50	.94	34.01	7.70	.21
89/03/09	13:20	03/09	20:22	63-00.1S	105-38.4	4027	1.1	-3.0	14.4	11.57	.86	33.96	7.73	.21
89/03/09	13:25	03/09	20:27	63-00.1S	105-41.3	4001	1.0	-3.0	14.2	11.57	.77	34.02	7.72	.21
89/03/09	13:30	03/09	20:32	63-00.1S	105-44.2	3992	1.0	-3.0	14.3	11.57	.69	33.97	7.72	.20
89/03/09	13:35	03/09	20:38	63-00.1S	105-47.1	3979	1.0	-3.0	14.7	11.50	.69	33.97	7.66	.20
89/03/09	13:40	03/09	20:43	63-00.1S	105-50.0	3982	1.0	-3.0	14.4	11.50	.69	33.97	7.67	.20
89/03/09	13:45	03/09	20:48	63-00.1S	105-52.9	3928	1.0	-3.0	14.2	11.50	.69	33.97	7.68	.20
89/03/09	13:50	03/09	20:53	63-00.1S	105-55.7	3908	.9	-3.0	14.2	11.57	.69	33.97	7.68	.20
89/03/09	13:55	03/09	20:58	63-00.1S	105-58.6	3874	.8	-3.0	14.4	11.57	.52	33.98	7.70	.20
89/03/09	14:00	03/09	21:04	63-00.0S	106-01.5	3883	.8	-3.0	14.3	11.57	.52	33.98	7.75	.21
89/03/09	14:05	03/09	21:09	63-00.0S	106-04.4	3841	.7	-3.0	14.2	11.57	.52	33.98	7.81	.21
89/03/09	14:10	03/09	21:14	63-00.0S	106-07.3	3821	.7	-3.0	14.1	11.57	.43	34.03	7.82	.20
89/03/09	14:15	03/09	21:19	62-59.9S	106-10.1	3755	.7	-3.0	14.2	11.57	.52	33.98	7.80	.20
89/03/09	14:20	03/09	21:24	62-59.9S	106-13.0	3720	.8	-3.0	14.6	11.57	.52	33.98	7.78	.20
89/03/09	14:25	03/09	21:30	62-59.9S	106-15.9	3706	.8	-3.0	14.3	11.65	.43	34.03	7.73	.21
89/03/09	14:30	03/09	21:35	62-59.9S	106-18.8	3705	.7	-3.0	14.5	11.57	.43	34.03	7.62	.20
89/03/09	14:35	03/09	21:40	63-00.0S	106-22.0	3742	.7	-3.0	14.6	11.57	.43	34.03	7.65	.20
89/03/09	14:40	03/09	21:45	63-00.0S	106-24.8	3751	.7	-3.0	14.2	11.65	.43	34.03	7.57	.21
89/03/09	14:45	03/09	21:50	63-00.0S	106-27.7	3753	.7	-3.0	14.5	11.65	.60	34.03	7.58	.21
89/03/09	14:50	03/09	21:56	63-00.1S	106-30.7	3755	.7	-3.0	14.4	11.57	.69	33.97	7.58	.21
89/03/09	14:55	03/09	22:01	63-00.1S	106-33.6	3763	.7	-3.0	14.4	11.57	.69	33.97	7.51	.21
89/03/09	15:00	03/09	22:06	63-00.2S	106-36.5	3754	.7	-3.0	14.3	11.57	.77	34.02	7.48	.21
89/03/09	15:05	03/09	22:11	63-00.4S	106-39.4	3773	.8	-3.0	14.6	11.57	.86	33.96	7.45	.22
89/03/09	15:10	03/09	22:16	63-00.4S	106-42.2	3749	.8	-3.0	14.1	11.57	.94	34.01	7.45	.23
89/03/09	15:15	03/09	22:22	63-00.5S	106-45.1	3720	.8	-3.0	14.7	11.57	.94	34.01	7.35	.22
89/03/09	15:20	03/09	22:27	63-00.5S	106-48.1	3728	.9	-3.0	14.7	11.57	.94	34.01	7.36	.23
89/03/09	15:25	03/09	22:32	63-00.8S	106-51.1	3737	1.1	-3.0	14.3	11.57	.94	34.01	7.35	.23
89/03/09	15:30	03/09	22:37	63-00.5S	106-54.0	3737	1.0	-3.0	14.5	11.57	.94	34.01	7.32	.23
89/03/09	15:35	03/09	22:42	63-00.5S	106-56.9	3708	1.0	-3.0	14.4	11.57	.94	34.01	7.34	.25
89/03/09	15:40	03/09	22:47	63-00.5S	106-59.8	3705	1.1	-3.0	14.4	11.65	1.03	33.96	7.34	.25
89/03/09	15:45	03/09	22:53	63-00.4S	107-02.7	3713	1.1	-3.0	14.3	11.57	.94	34.01	7.34	.25
89/03/09	15:50	03/09	22:58	63-00.4S	107-05.6	3726	1.1	-3.0	14.2	11.57	1.03	33.96	7.30	.25
89/03/09	15:55	03/09	23:03	63-00.3S	107-08.5	3748	.9	-3.0	14.6	11.57	1.03	33.96	7.32	.25
89/03/09	16:00	03/09	23:08	63-00.2S	107-11.6	3746	.9	-3.0	14.3	11.57	1.03	33.96	7.24	.25
89/03/09	16:05	03/09	23:13	63-00.1S	107-14.5	3731	1.0	-3.0	13.9	11.57	1.03	33.96	7.21	.25
89/03/09	16:10	03/09	23:19	63-00.1S	107-17.4	3740	1.1	-3.0	14.3	11.57	.77	34.02	7.09	.23
89/03/09	16:15	03/09	23:24	63-00.0S	107-20.2	3743	1.2	-3.0	14.1	11.57	.69	34.07	7.03	.24
89/03/09	16:20	03/09	23:29	62-59.9S	107-23.3	3733	1.2	-3.0	14.0	11.57	.69	34.07	7.05	.25
89/03/09	16:25	03/09	23:34	62-59.8S	107-26.2	3731	1.2	-3.0	13.9	11.57	.60	34.13	7.05	.25

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]
89/03/09	16:30	03/09	23:39	62-59.85	107-29.1	3731	1.2	-3.0	13.9	11.57	.60	34.03	7.05	.26
89/03/09	16:35	03/09	23:45	62-59.75	107-32.2	3720	1.2	-3.0	13.7	11.57	.60	34.03	7.03	.26
89/03/09	16:40	03/09	23:50	62-59.75	107-34.5	3735	1.2	-3.0	14.0	11.57	.52	34.08	7.04	.26
89/03/09	16:45	03/09	23:55	62-59.85	107-38.0	3720	1.2	-3.0	14.6	11.57	.60	34.03	7.03	.26
89/03/09	16:50	03/10	00:00	62-59.85	107-40.9	3718	1.3	-3.0	14.2	11.57	.60	34.03	7.05	.25
89/03/09	16:55	03/10	00:05	62-59.95	107-43.8	3686	1.2	-3.0	14.8	11.57	.69	33.97	6.99	.25
89/03/09	17:00	03/10	00:11	63-00.06	107-46.7	3683	1.2	-3.0	14.5	11.57	.69	34.07	6.99	.26
89/03/09	17:05	03/10	00:16	62-59.95	107-49.4	3654	1.3	-3.0	14.2	11.57	.94	34.01	7.01	.27
89/03/09	17:10	03/10	00:21	62-59.95	107-52.4	3643	1.2	-3.0	14.3	11.57	.94	34.01	6.99	.26
89/03/09	17:15	03/10	00:26	62-59.95	107-55.3	3637	1.1	-3.0	14.7	11.57	.77	34.02	6.88	.25
89/03/09	17:20	03/10	00:31	62-59.95	107-58.2	3615	1.1	-3.0	14.6	11.57	.77	34.02	6.88	.25
89/03/09	17:25	03/10	00:37	62-59.95	108-01.2	3564	1.0	-3.0	14.1	11.57	.86	33.96	6.90	.25
89/03/09	17:30	03/10	00:42	62-59.95	108-04.1	3539	1.1	-3.0	14.2	11.57	.86	33.96	6.96	.25
89/03/09	17:35	03/10	00:47	62-59.95	108-06.9	3503	1.2	-3.0	13.4	11.57	.77	34.02	6.95	.25
89/03/09	17:40	03/10	00:52	62-59.95	108-09.8	3485	1.3	-3.0	14.5	11.57	.77	34.02	6.92	.25
89/03/09	17:45	03/10	00:57	62-59.95	108-12.7	3488	1.3	-3.0	13.7	11.57	.77	34.02	6.93	.26
89/03/09	17:50	03/10	01:03	62-59.85	108-16.4	3158	1.3	-3.0	14.0	11.57	.69	34.07	6.90	.26
89/03/09	17:55	03/10	01:08	62-59.85	108-19.4	4100	1.3	-3.0	14.6	11.57	.69	34.07	6.90	.26
89/03/09	18:00	03/10	01:13	62-59.85	108-22.4	3494	1.2	-3.0	14.6	11.57	.69	34.07	6.97	.26
89/03/09	18:05	03/10	01:18	62-59.75	108-25.3	3496	1.3	-3.0	14.2	11.57	.77	34.02	7.00	.27
89/03/09	18:10	03/10	01:23	62-59.75	108-28.3	3485	1.3	-3.0	14.2	11.57	.77	34.02	7.01	.26
89/03/09	18:15	03/10	01:29	62-59.75	108-31.2	3477	1.3	-3.0	14.3	11.57	.69	34.07	6.97	.26
89/03/09	18:20	03/10	01:34	62-59.65	108-34.1	3473	1.4	-3.0	14.0	11.65	.69	34.07	6.98	.26
89/03/09	18:25	03/10	01:39	62-59.65	108-37.1	3467	1.4	-3.0	14.3	11.65	.69	34.07	6.98	.27
89/03/09	18:30	03/10	01:44	62-59.65	108-40.1	3447	1.4	-3.0	14.3	11.65	.69	34.07	6.95	.27
89/03/09	18:35	03/10	01:49	62-59.65	108-43.1	3456	1.4	-3.0	14.1	11.57	.69	34.07	6.98	.26
89/03/09	18:40	03/10	01:55	62-59.45	108-46.0	3461	1.5	-3.0	14.3	11.65	.69	34.07	6.92	.26
89/03/09	18:45	03/10	02:00	62-59.45	108-49.0	3474	1.5	-3.0	13.5	11.57	.69	33.97	6.91	.26
89/03/09	18:50	03/10	02:05	62-59.45	108-51.8	3503	1.5	-3.0	14.4	11.57	.69	33.97	6.89	.26
89/03/09	18:55	03/10	02:10	62-59.35	108-54.8	3505	1.5	-3.0	14.5	11.57	.69	34.07	6.86	.27
89/03/09	19:00	03/10	02:15	62-59.35	108-57.7	3543	1.5	-3.0	14.0	11.57	.77	34.02	6.87	.27
89/03/09	19:05	03/10	02:21	62-59.35	109-00.6	3539	1.5	-3.0	14.3	11.57	.69	34.07	6.85	.27
89/03/09	19:10	03/10	02:26	62-59.35	109-03.5	3550	1.5	-3.0	14.2	11.57	.77	34.02	6.85	.27
89/03/09	19:15	03/10	02:31	62-59.25	109-06.2	3561	1.5	-3.0	13.9	11.57	.69	34.07	6.87	.27
89/03/09	19:20	03/10	02:36	62-59.15	109-09.1	3544	1.5	-3.0	13.7	11.57	.69	34.07	6.85	.28
89/03/09	19:25	03/10	02:41	62-59.15	109-12.0	3587	1.5	-3.0	14.3	11.57	.69	34.07	6.85	.28
89/03/09	19:30	03/10	02:46	62-59.15	109-14.9	3614	1.5	-3.0	14.0	11.65	.69	34.07	6.88	.28
89/03/09	19:35	03/10	02:52	62-59.05	109-17.8	3606	1.5	-3.0	14.1	11.65	.77	34.02	6.92	.28
89/03/09	19:40	03/10	02:57	62-59.05	109-20.7	3624	1.5	-3.0	13.8	11.65	.69	34.07	6.89	.28
89/03/09	19:45	03/10	03:02	62-59.05	109-23.6	3624	1.5	-3.0	13.5	11.57	.77	34.02	6.96	.28
89/03/09	19:50	03/10	03:07	62-59.05	109-26.5	3657	1.5	-3.0	13.8	11.57	.86	34.06	6.97	.28
89/03/09	19:55	03/10	03:12	62-59.05	109-29.5	3699	1.5	-3.0	14.4	11.65	.86	33.96	6.92	.27
89/03/09	20:00	03/10	03:18	62-58.95	109-32.4	3733	1.5	-3.0	14.0	11.57	.86	33.96	6.93	.27
89/03/09	20:05	03/10	03:23	62-58.95	109-35.3	3768	1.5	-3.0	13.8	11.57	.77	34.02	6.96	.27
89/03/09	20:10	03/10	03:28	62-59.65	109-38.5	3815	1.5	-3.0	13.8	11.57	.69	34.07	6.90	.27
89/03/09	20:15	03/10	03:33	62-59.65	109-41.4	3841	1.4	-3.0	14.4	11.57	.89	34.07	6.90	.27
89/03/09	20:20	03/10	03:38	62-59.75	109-44.3	3872	1.4	-3.0	13.8	11.57	.77	34.02	6.84	.28
89/03/09	20:25	03/10	03:44	62-59.85	109-46.7	3901	1.4	-3.0	13.9	11.57	.86	34.06	6.85	.30
89/03/09	20:30	03/10	03:49	62-59.95	109-50.2	3925	1.4	-3.0	14.3	11.57	.86	34.06	6.82	.31
89/03/09	20:35	03/10	03:54	63-00.05	109-53.1	3929	1.3	-3.0	13.8	11.57	.94	34.01	6.81	.30
89/03/09	20:40	03/10	03:59	63-00.25	109-55.8	3923	1.4	-3.0	14.5	11.57	.94	34.01	6.81	.30

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]
89/03/09	20:45	03/10	04:04	63-00.2S	109-58.6	3903	1.4	-3.0	13.6	11.57	.94	34.11	6.84	.30
89/03/09	20:50	03/10	04:10	63-00.3S	110-01.5	3902	1.3	-3.0	13.9	11.57	1.03	34.06	8.92	.31
89/03/09	20:55	03/10	04:15	63-00.3S	110-04.4	3907	1.4	-3.0	13.9	11.57	1.11	34.00	6.87	.30
89/03/09	21:00	03/10	04:20	63-00.4S	110-07.3	3897	1.3	-3.0	14.1	11.57	1.21	33.95	6.86	.30
89/03/09	21:05	03/10	04:25	63-00.4S	110-10.1	3888	1.3	-3.0	13.8	11.57	1.11	34.00	6.81	.30
89/03/09	21:10	03/10	04:30	63-00.5S	110-13.1	3898	1.3	-3.0	13.8	11.57	1.11	34.00	6.81	.30
89/03/09	21:15	03/10	04:36	63-00.5S	110-15.9	3879	1.2	-3.0	13.7	11.57	1.11	34.00	6.77	.30
89/03/09	21:20	03/10	04:41	63-00.5S	110-18.8	3880	1.1	-3.0	13.8	11.57	1.03	34.06	6.75	.30
89/03/09	21:25	03/10	04:46	63-00.6S	110-21.8	3878	.8	-3.0	14.3	11.57	1.03	34.06	6.71	.30
89/03/09	21:30	03/10	04:51	63-00.7S	110-24.2	3877	.7	-3.0	14.2	11.57	1.03	34.06	6.73	.30
89/03/09	21:35	03/10	04:56	63-00.7S	110-27.7	3873	.6	-3.0	14.6	11.57	1.11	34.00	6.78	.30
89/03/09	21:40	03/10	05:02	63-00.7S	110-30.1	3856	.7	-3.0	14.1	11.57	.94	34.01	6.76	.29
89/03/09	21:45	03/10	05:07	63-00.7S	110-33.0	3853	.7	-3.0	13.5	11.60	.94	34.01	6.76	.29
89/03/09	21:50	03/10	05:12	63-00.7S	110-36.5	3841	.7	-3.0	14.3	11.57	.94	34.01	6.80	.29
89/03/09	21:55	03/10	05:17	63-00.7S	110-39.4	3832	.8	-3.0	13.8	11.60	1.03	34.06	6.88	.29
89/03/09	22:00	03/10	05:22	63-00.7S	110-42.2	3836	.9	-3.0	13.5	11.57	1.11	34.00	6.90	.29
89/03/09	22:05	03/10	05:27	63-00.7S	110-44.6	3844	1.0	-3.0	14.3	11.60	1.29	34.00	7.00	.29
89/03/09	22:10	03/10	05:33	63-01.0S	110-47.9	3852	1.1	-3.0	14.4	11.60	1.37	34.04	7.03	.29
89/03/09	22:15	03/10	05:38	63-01.0S	110-50.3	3860	1.2	-3.0	14.2	11.57	1.46	33.99	7.06	.29
89/03/09	22:20	03/10	05:43	63-01.0S	110-53.2	3850	1.3	-3.0	14.3	11.57	1.46	33.99	7.04	.29
89/03/09	22:25	03/10	05:48	63-01.0S	110-56.5	3857	1.3	-3.0	13.6	11.57	1.37	34.04	6.96	.29
89/03/09	22:30	03/10	05:53	63-01.1S	110-59.4	3836	1.2	-3.0	14.3	11.57	1.37	34.04	6.98	.29
89/03/09	22:35	03/10	05:59	63-01.1S	111-02.3	3839	1.2	-3.0	13.7	11.57	1.37	34.04	6.92	.29
89/03/09	22:40	03/10	06:04	63-01.1S	111-05.2	3848	1.1	-3.0	13.3	11.57	1.11	34.00	6.84	.27
89/03/09	22:45	03/10	06:09	63-01.1S	111-08.1	3845	1.1	-3.0	14.3	11.57	1.03	33.96	6.74	.28
89/03/09	22:50	03/10	06:14	63-01.2S	111-10.3	3852	1.1	-3.0	14.4	11.57	1.29	34.00	6.85	.29
89/03/09	22:55	03/10	06:19	63-01.1S	111-13.2	3846	1.1	-3.0	13.9	11.57	1.37	34.04	6.84	.29
89/03/09	23:00	03/10	06:25	63-01.1S	111-16.1	3835	1.1	-3.0	13.8	11.57	1.29	34.00	6.80	.28
89/03/09	23:05	03/10	06:30	63-01.0S	111-19.5	3827	1.1	-3.0	13.6	11.57	1.11	34.00	6.68	.27
89/03/09	23:10	03/10	06:35	63-00.9S	111-22.4	3829	1.2	-3.0	14.2	11.57	1.11	34.10	6.75	.29
89/03/09	23:15	03/10	06:40	63-00.8S	111-25.3	3832	1.2	-3.0	14.4	11.57	1.29	34.09	6.83	.29
89/03/09	23:20	03/10	06:45	63-00.7S	111-27.6	3811	1.3	-3.0	13.9	11.50	1.21	34.05	6.86	.29
89/03/09	23:25	03/10	06:51	63-00.7S	111-30.5	3815	1.3	-3.0	14.5	11.57	1.03	34.06	6.87	.28
89/03/09	23:30	03/10	06:56	63-00.6S	111-33.4	3827	1.3	-3.0	13.6	11.57	.94	34.01	6.86	.28
89/03/09	23:35	03/10	07:01	63-00.5S	111-36.2	3815	1.3	-3.0	14.1	11.57	.94	34.01	6.96	.28
89/03/09	23:40	03/10	07:06	63-00.4S	111-39.7	3803	1.2	-3.0	14.0	11.57	.86	34.06	7.02	.28
89/03/09	23:45	03/10	07:11	63-00.3S	111-42.7	3837	1.1	-3.0	13.9	11.57	.86	34.06	7.03	.28
89/03/09	23:50	03/10	07:17	63-00.2S	111-45.0	3808	1.0	-3.0	14.6	11.57	.86	34.06	7.06	.30
89/03/09	23:55	03/10	07:22	63-00.1S	111-47.9	3824	1.0	-3.0	14.3	11.57	.86	34.06	7.07	.29
89/03/10	00:00	03/10	07:27	63-00.1S	111-50.8	3818	1.1	-3.0	14.2	11.57	.86	34.06	7.05	.27
89/03/10	00:05	03/10	07:32	62-59.9S	111-53.6	3840	1.3	-3.0	13.8	11.57	.77	34.12	7.06	.27
89/03/10	00:10	03/10	07:37	62-59.9S	111-56.6	3817	1.2	-3.0	14.2	11.57	.69	34.07	7.05	.28
89/03/10	00:15	03/10	07:43	62-58.9S	112-01.7	3819	1.1	-3.0	13.7	11.57	.60	34.13	6.99	.29
89/03/10	00:20	03/10	07:48	62-58.7S	112-04.7	3829	.9	-3.0	13.8	11.57	.69	34.07	6.99	.29
89/03/10	00:25	03/10	07:53	62-58.5S	112-07.6	3815	.9	-3.0	14.0	11.57	.69	34.07	6.97	.28
89/03/10	00:30	03/10	07:58	62-58.4S	112-10.6	3830	.9	-3.0	14.7	11.57	.69	34.07	7.00	.29
89/03/10	00:35	03/10	08:03	62-58.3S	112-13.6	3825	1.0	-3.0	14.3	11.57	.69	34.07	6.95	.29
89/03/10	00:40	03/10	08:09	62-58.1S	112-16.4	3823	1.0	-3.0	13.9	11.57	.60	34.13	6.93	.29
89/03/10	00:45	03/10	08:14	62-58.1S	112-20.0	3833	1.1	-3.0	14.7	11.57	.69	34.07	6.90	.30
89/03/10	00:50	03/10	08:19	62-58.1S	112-22.4	3821	1.2	-3.0	14.1	11.57	.77	34.12	6.90	.29
89/03/10	00:55	03/10	08:24	62-58.1S	112-25.6	3822	1.0	-3.0	14.2	11.57	.69	34.07	6.84	.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]
89/03/10	01:00	03/10	08:29	62-58.2S	112-28.6	3825	.7	-3.0	14.3	11.57	.60	34.13	6.79	.29
89/03/10	01:05	03/10	08:35	62-58.3S	112-31.6	3861	.6	-3.0	13.2	11.57	.60	34.13	6.78	.28
89/03/10	01:10	03/10	08:40	62-58.4S	112-34.6	3818	.5	-3.0	14.2	11.57	.60	34.13	6.83	.28
89/03/10	01:15	03/10	08:45	62-58.4S	112-37.5	3819	.5	-3.0	13.0	11.57	.60	34.13	6.78	.29
89/03/10	01:20	03/10	08:50	62-58.5S	112-40.9	3816	.6	-3.0	12.9	11.57	.69	34.07	6.86	.29
89/03/10	01:25	03/10	08:55	62-58.9S	112-43.1	3800	.8	-3.0	13.2	11.65	.69	34.17	6.86	.28
89/03/10	01:30	03/10	09:01	62-58.9S	112-46.0	3784	.9	-3.0	13.2	11.65	.77	34.12	6.89	.27
89/03/10	01:35	03/10	09:06	62-58.9S	112-48.8	3762	1.0	-3.0	13.4	11.57	.86	34.06	6.90	.26
89/03/10	01:40	03/10	09:11	62-59.0S	112-51.4	3758	.9	-3.0	13.1	11.57	.86	34.17	6.79	.26
89/03/10	01:45	03/10	09:16	62-59.0S	112-54.2	3757	.8	-3.0	13.0	11.57	.94	34.11	6.84	.26
89/03/10	01:50	03/10	09:21	62-59.0S	112-57.1	3759	.9	-3.0	13.5	11.57	1.03	34.15	6.90	.26
89/03/10	01:55	03/10	09:26	62-59.0S	112-59.8	3755	1.1	-3.0	13.0	11.57	1.21	34.05	6.95	.26
89/03/10	02:00	03/10	09:32	62-59.0S	113-02.6	3754	1.3	-3.0	13.2	11.57	1.21	34.05	6.95	.25
89/03/10	02:05	03/10	09:37	62-59.1S	113-04.9	3747	1.4	-3.0	12.8	11.57	1.21	34.05	6.88	.25
89/03/10	02:10	03/10	09:42	62-59.4S	113-07.4	3746	1.4	-3.0	12.3	11.65	1.21	34.15	6.86	.25
89/03/10	02:15	03/10	09:47	62-59.8S	113-09.6	3761	1.8	-3.0	12.8	11.65	1.21	34.05	6.80	.24
89/03/10	02:20	03/10	09:52	62-59.8S	113-12.3	3746	1.6	-3.0	13.2	11.57	1.21	34.05	6.89	.24
89/03/10	02:25	03/10	09:58	62-59.8S	113-15.1	3738	1.5	-3.0	13.3	11.57	1.21	34.05	6.84	.24
89/03/10	02:30	03/10	10:03	62-59.8S	113-17.8	3745	1.6	-3.0	13.0	11.57	1.21	34.05	6.79	.25
89/03/10	02:35	03/10	10:08	62-59.8S	113-20.6	3739	1.6	-3.0	13.5	11.57	1.11	34.10	6.81	.25
89/03/10	02:40	03/10	10:13	62-59.8S	113-23.3	3721	1.6	-3.0	13.0	11.57	1.03	34.15	6.80	.25
89/03/10	02:45	03/10	10:18	62-59.8S	113-26.0	3722	1.6	-3.0	12.8	11.57	1.03	34.06	6.95	.26
89/03/10	02:50	03/10	10:23	62-59.8S	113-28.6	3721	1.6	-3.0	12.9	11.57	1.11	34.10	6.87	.27
89/03/10	02:55	03/10	10:29	62-59.8S	113-31.4	3721	1.6	-3.0	13.0	11.57	1.11	34.10	6.95	.27
89/03/10	03:00	03/10	10:34	62-59.8S	113-34.1	3699	1.6	-3.0	13.0	11.57	1.11	34.10	6.92	.26
89/03/10	03:05	03/10	10:39	63-00.2S	113-36.3	3694	1.7	-3.0	13.0	11.57	1.21	34.05	6.92	.26
89/03/10	03:10	03/10	10:44	63-00.3S	113-39.1	3714	1.8	-3.0	12.6	11.57	1.11	34.10	6.84	.25
89/03/10	03:15	03/10	10:49	63-00.3S	113-41.8	3705	1.9	-3.0	13.3	11.57	1.11	34.10	6.83	.25
89/03/10	03:20	03/10	10:54	63-00.3S	113-44.8	3712	2.0	-3.0	12.9	11.57	1.03	34.15	6.84	.25
89/03/10	03:25	03/10	11:00	63-00.4S	113-47.3	3709	2.1	-3.0	13.1	11.57	1.11	34.10	6.85	.24
89/03/10	03:30	03/10	11:05	63-00.2S	113-49.7	3712	2.1	-3.0	13.0	11.65	1.11	34.10	6.89	.24
89/03/10	03:35	03/10	11:10	63-00.2S	113-52.4	3709	2.1	-3.0	13.3	11.57	1.11	34.10	6.91	.24
89/03/10	03:40	03/10	11:15	63-00.3S	113-55.1	3690	2.2	-3.0	12.9	11.57	1.21	34.05	6.87	.24
89/03/10	03:45	03/10	11:20	63-00.3S	113-57.8	3695	2.2	-3.0	12.6	11.57	1.11	34.10	6.83	.24
89/03/10	03:50	03/10	11:26	63-00.2S	114-00.7	3691	2.2	-3.0	13.3	11.57	1.11	34.10	6.82	.24
89/03/10	03:55	03/10	11:31	63-00.2S	114-03.4	3690	2.2	-3.0	13.1	11.57	1.03	34.15	6.76	.24
89/03/10	04:00	03/10	11:36	63-00.2S	114-06.1	3689	2.1	-3.0	12.8	11.57	1.03	34.15	6.70	.24
89/03/10	04:05	03/10	11:41	63-00.3S	114-08.6	3704	2.0	-3.0	11.8	11.57	1.03	34.15	6.86	.24
89/03/10	04:10	03/10	11:46	63-00.3S	114-11.2	3696	1.9	-3.0	12.7	11.57	.94	34.21	6.75	.23
89/03/10	04:15	03/10	11:51	63-00.3S	114-13.9	3720	1.8	-3.0	12.8	11.57	.94	34.21	6.75	.23
89/03/10	04:20	03/10	11:57	63-00.3S	114-16.6	3720	1.7	-3.0	13.0	11.57	.94	34.21	6.75	.23
89/03/10	04:25	03/10	12:02	63-00.1S	114-19.6	3738	1.7	-3.0	13.0	11.57	.94	34.11	6.81	.23
89/03/10	04:30	03/10	12:07	63-00.2S	114-22.3	3732	1.7	-3.0	13.3	11.57	.94	34.11	6.81	.23
89/03/10	04:35	03/10	12:12	63-00.2S	114-25.0	3732	1.7	-3.0	13.0	11.57	.77	34.12	6.79	.23
89/03/10	04:40	03/10	12:17	63-00.2S	114-27.7	3730	1.9	-3.0	13.3	11.57	.69	34.17	6.78	.24
89/03/10	04:45	03/10	12:23	63-00.2S	114-30.5	3732	2.0	-3.0	12.8	11.57	.69	34.17	6.78	.24
89/03/10	04:50	03/10	12:28	63-00.2S	114-33.1	3739	2.0	-3.0	12.4	11.57	.69	34.17	6.79	.24
89/03/10	04:55	03/10	12:33	63-00.2S	114-35.8	3710	2.0	-3.0	12.8	11.57	.77	34.12	6.83	.24
89/03/10	05:00	03/10	12:38	63-00.3S	114-38.7	3708	2.0	-3.0	12.1	11.57	.77	34.12	6.83	.24
89/03/10	05:05	03/10	12:43	63-00.4S	114-41.4	3699	2.1	-3.0	13.3	11.57	.86	34.17	6.86	.24
89/03/10	05:10	03/10	12:48	63-00.8S	114-44.1	3683	2.1	-3.0	13.6	11.57	.77	34.12	6.85	.24



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											
89/03/10	05:15	03/10	12:54	63-01.3S	114-46.7	3684	2.2	-3.0	12.9	11.57	.86	34.17	8.90	.24
89/03/10	05:20	03/10	12:59	63-01.9S	114-49.3	3672	2.1	-3.0	13.2	11.57	.86	34.06	6.98	.24
89/03/10	05:25	03/10	13:04	63-02.4S	114-51.7	3658	2.1	-3.0	13.6	11.57	.77	34.12	7.05	.24
89/03/10	05:30	03/10	13:09	63-03.2S	114-53.8	3639	1.7	-3.0	13.6	11.65	.89	34.17	7.12	.24
89/03/10	05:35	03/10	13:14	63-03.8S	114-56.3	3618	1.7	-3.0	13.6	11.57	.77	34.12	7.25	.23
89/03/10	05:40	03/10	13:19	63-04.4S	114-58.8	3614	1.7	-3.0	13.5	11.57	.77	34.12	7.45	.23
89/03/10	05:45	03/10	13:25	63-05.0S	115-01.3	3592	1.8	-3.0	13.5	11.57	.86	34.06	7.61	.23
89/03/10	05:50	03/10	13:30	63-05.8S	115-03.8	3588	1.8	-3.0	13.6	11.57	.86	34.17	7.73	.23
89/03/10	05:55	03/10	13:35	63-06.2S	115-06.2	3591	1.8	-3.0	13.6	11.57	.94	34.11	7.81	.23
89/03/10	06:00	03/10	13:40	63-06.8S	115-08.8	3550	1.8	-3.0	13.4	11.57	.94	34.11	7.85	.23
89/03/10	06:05	03/10	13:45	63-06.8S	115-11.5	3532	1.8	-3.0	13.5	11.57	.94	34.11	7.89	.23
89/03/10	06:10	03/10	13:50	63-08.8S	115-14.2	3537	1.5	-3.0	13.0	11.57	.86	34.17	7.93	.23
89/03/10	06:15	03/10	13:56	63-06.8S	115-17.0	3503	1.2	-3.0	13.0	11.57	.94	34.11	7.96	.23
89/03/10	06:20	03/10	14:01	63-08.8S	115-19.7	3482	1.0	-3.0	13.0	11.57	.94	34.11	7.95	.23
89/03/10	06:25	03/10	14:06	63-08.5S	115-22.3	3510	.8	-3.0	13.4	11.65	.86	34.17	7.93	.23
89/03/10	06:30	03/10	14:11	63-06.2S	115-24.9	3544	.8	-3.0	12.9	11.65	.86	34.17	7.96	.22
89/03/10	06:35	03/10	14:16	63-05.8S	115-27.5	3578	.7	-3.0	13.3	11.57	.94	34.11	8.04	.23
89/03/10	06:40	03/10	14:22	63-05.5S	115-30.1	3591	.8	-3.0	13.2	11.57	.94	34.11	8.03	.23
89/03/10	06:45	03/10	14:27	63-05.2S	115-32.6	3600	.8	-3.0	12.9	11.57	.94	34.11	8.02	.22
89/03/10	06:50	03/10	14:32	63-04.8S	115-35.2	3637	.9	-3.0	13.1	11.57	.86	34.17	7.97	.22
89/03/10	06:55	03/10	14:37	63-04.5S	115-37.7	3619	1.1	-3.0	12.8	11.57	.94	34.11	8.05	.24
89/03/10	07:00	03/10	14:42	63-04.1S	115-40.2	3612	1.1	-3.0	12.8	11.57	.94	34.11	8.10	.22
89/03/10	07:05	03/10	14:47	63-03.8S	115-42.5	3608	1.3	-3.0	12.5	11.57	.94	34.11	8.08	.24
89/03/10	07:10	03/10	14:53	63-03.3S	115-45.1	3602	1.5	-3.0	12.4	11.57	.94	34.11	8.10	.22
89/03/10	07:15	03/10	14:58	63-02.9S	115-47.6	3598	1.5	-3.0	12.9	11.57	.94	34.11	8.14	.23
89/03/10	07:20	03/10	15:03	63-02.6S	115-50.1	3585	1.5	-3.0	12.8	11.57	.94	34.11	8.18	.22
89/03/10	07:25	03/10	15:08	63-02.0S	115-52.0	3566	1.3	-3.0	12.6	11.65	.94	34.11	8.15	.22
89/03/10	07:30	03/10	15:13	63-01.6S	115-54.5	3562	1.2	-3.0	12.5	11.65	.94	34.11	8.14	.21
89/03/10	07:35	03/10	15:18	63-01.3S	115-56.9	3551	1.1	-3.0	12.8	11.65	.94	34.11	8.19	.22
89/03/10	07:40	03/10	15:23	63-00.9S	115-59.5	3540	1.1	-3.0	12.8	11.65	.94	34.11	8.27	.22
89/03/10	07:45	03/10	15:29	63-00.5S	116-02.0	3542	1.2	-3.0	13.1	11.65	1.03	34.06	8.31	.21
89/03/10	07:50	03/10	15:34	63-00.2S	116-04.0	3560	1.3	-3.0	12.5	11.65	1.03	34.06	8.35	.21
89/03/10	07:55	03/10	15:39	62-59.9S	116-07.1	3594	1.5	-3.0	13.2	11.65	1.03	34.06	8.46	.22
89/03/10	08:00	03/10	15:44	62-59.9S	116-09.8	3614	1.8	-3.0	12.8	11.65	1.03	34.06	8.46	.22
89/03/10	08:05	03/10	15:49	62-59.9S	116-12.5	3612	1.6	-3.0	13.3	11.65	1.03	34.06	8.50	.22
89/03/10	08:10	03/10	15:55	62-59.3S	116-16.7	3619	1.1	-3.0	13.3	11.65	.94	34.11	8.49	.23
89/03/10	08:15	03/10	16:00	62-59.3S	116-19.5	3615	.9	-3.0	13.3	11.65	.94	34.11	8.41	.24
89/03/10	08:20	03/10	16:05	62-59.3S	116-22.3	3601	.9	-3.0	13.1	11.65	.94	34.11	8.41	.22
89/03/10	08:25	03/10	16:10	62-59.3S	116-25.0	3583	1.0	-3.0	13.1	11.72	1.03	34.06	8.35	.22
89/03/10	08:30	03/10	16:15	62-59.3S	116-27.8	3572	.5	-3.0	13.3	11.72	1.03	34.06	8.43	.23
89/03/10	08:35	03/10	16:21	62-59.3S	116-30.6	3545	.3	-3.0	13.1	11.72	1.11	34.10	8.47	.23
89/03/10	08:40	03/10	16:26	62-59.3S	116-33.8	3536	.4	-3.0	13.4	11.72	1.11	34.10	8.44	.22
89/03/10	08:45	03/10	16:31	62-59.3S	116-36.6	3560	.6	-3.0	13.1	11.72	1.11	34.10	8.32	.22
89/03/10	08:50	03/10	16:36	62-59.4S	116-39.4	3571	.8	-3.0	13.1	11.72	1.11	34.10	8.20	.21
89/03/10	08:55	03/10	16:41	62-59.4S	116-42.1	3586	1.1	-3.0	13.3	11.72	1.11	34.10	8.12	.21
89/03/10	09:00	03/10	16:46	62-59.5S	116-44.9	3585	1.3	-3.0	13.1	11.72	1.11	34.10	7.99	.21
89/03/10	09:05	03/10	16:52	62-59.5S	116-47.8	3616	1.5	-3.0	13.4	11.72	1.03	34.15	7.96	.22
89/03/10	09:10	03/10	16:57	62-59.5S	116-50.2	3614	1.5	-3.0	13.3	11.72	1.11	34.20	7.87	.20
89/03/10	09:15	03/10	17:02	62-59.5S	116-53.0	3616	1.5	-3.0	12.9	11.72	1.21	34.15	7.86	.22
89/03/10	09:20	03/10	17:07	62-59.5S	116-55.8	3618	1.4	-3.0	12.9	11.72	1.29	34.09	7.86	.22
89/03/10	09:25	03/10	17:12	62-59.8S	116-58.5	3629	1.3	-3.0	12.9	11.72	1.29	34.09	7.86	.22

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]
89/03/10	09:30	03/10	17:18	62-59.8S	117-01.1	3636	1.3	-3.0	11.8	11.72	1.37	34.04	7.88	.21
89/03/10	09:35	03/10	17:23	62-59.8S	117-03.8	3640	1.3	-3.0	13.1	11.72	1.37	34.14	7.85	.21
89/03/10	09:40	03/10	17:28	62-59.8S	117-06.5	3655	1.4	-3.0	13.2	11.72	1.46	34.08	7.88	.22
89/03/10	09:45	03/10	17:33	62-59.9S	117-09.3	3642	1.5	-3.0	13.0	11.65	1.46	34.08	7.80	.22
89/03/10	09:50	03/10	17:38	62-59.9S	117-12.1	3657	1.5	-3.0	13.0	11.65	1.46	34.08	7.71	.22
89/03/10	09:55	03/10	17:43	62-59.9S	117-14.6	3642	1.5	-3.0	13.2	11.72	1.46	34.08	7.66	.22
89/03/10	10:00	03/10	17:49	63-00.0S	117-17.6	3636	1.6	-3.0	13.1	11.65	1.46	34.08	7.61	.22
89/03/10	10:05	03/10	17:54	63-00.0S	117-20.3	3633	1.7	-3.0	13.1	11.65	1.37	34.14	7.52	.22
89/03/10	10:10	03/10	17:59	63-00.0S	117-23.2	3605	1.6	-3.0	13.0	11.65	1.29	34.09	7.49	.22
89/03/10	10:15	03/10	18:04	63-00.0S	117-25.4	3595	1.6	-3.0	13.3	11.65	1.21	34.15	7.40	.21
89/03/10	10:20	03/10	18:09	63-00.0S	117-28.7	3564	1.6	-3.0	13.7	11.65	1.29	34.09	7.44	.22
89/03/10	10:25	03/10	18:15	63-00.1S	117-30.8	3565	1.6	-3.0	13.2	11.72	1.37	34.14	7.53	.22
89/03/10	10:30	03/10	18:20	63-00.1S	117-33.6	3583	1.6	-3.0	13.6	11.72	1.37	34.14	7.50	.22
89/03/10	10:35	03/10	18:25	63-00.1S	117-36.9	3580	1.6	-3.0	13.1	11.65	1.37	34.14	7.51	.23
89/03/10	10:40	03/10	18:30	63-00.1S	117-39.7	3577	1.6	-3.0	13.4	11.65	1.54	34.03	7.57	.23
89/03/10	10:45	03/10	18:35	63-00.1S	117-42.5	3608	1.7	-3.0	12.9	11.65	1.46	34.08	7.53	.22
89/03/10	10:50	03/10	18:41	63-00.1S	117-45.2	3609	1.6	-3.0	13.2	11.72	1.46	34.08	7.53	.22
89/03/10	10:55	03/10	18:46	62-59.9S	117-46.7	3647	1.6	-3.0	13.2	11.65	1.54	34.13	7.57	.23
89/03/10	11:00	03/10	18:51	62-59.9S	117-50.1	3634	1.6	-3.0	12.2	11.65	1.63	34.08	7.59	.23
89/03/10	11:05	03/10	18:56	62-59.9S	117-52.9	3657	1.6	-3.0	13.2	11.65	1.63	34.08	7.56	.23
89/03/10	11:10	03/10	19:01	62-59.9S	117-55.7	3667	1.7	-3.0	13.6	11.65	1.83	34.08	7.57	.23
89/03/10	11:15	03/10	19:06	62-59.9S	117-58.4	3674	1.7	-3.0	13.0	11.65	1.54	34.13	7.52	.22
89/03/10	11:20	03/10	19:12	62-59.9S	118-01.2	3688	1.7	-3.0	13.2	11.65	1.46	34.08	7.49	.22
89/03/10	11:25	03/10	19:17	62-59.8S	118-03.8	3703	1.4	-3.0	13.2	11.65	1.46	34.08	7.53	.22
89/03/10	11:30	03/10	19:22	62-59.8S	118-06.5	3711	1.2	-3.0	12.5	11.65	1.54	34.13	7.54	.22
89/03/10	11:35	03/10	19:27	62-59.8S	118-09.2	3740	1.0	-3.0	13.5	11.65	1.63	34.08	7.51	.23
89/03/10	11:40	03/10	19:32	62-59.8S	118-12.0	3734	.9	-3.0	13.4	11.65	1.63	34.08	7.48	.23
89/03/10	11:45	03/10	19:37	62-59.8S	118-14.6	3743	1.1	-3.0	13.0	11.65	1.71	34.12	7.44	.22
89/03/10	11:50	03/10	19:43	62-59.8S	118-17.5	3729	1.4	-3.0	13.2	11.65	1.71	34.12	7.41	.22
89/03/10	11:55	03/10	19:48	62-59.8S	118-20.1	3731	1.4	-3.0	12.9	11.65	1.71	34.12	7.37	.22
89/03/10	12:00	03/10	19:53	62-59.9S	118-22.9	3742	1.4	-3.0	13.1	11.65	1.71	34.02	7.40	.23
89/03/10	12:05	03/10	19:58	62-59.9S	118-25.6	3734	1.5	-3.0	12.8	11.65	1.71	34.12	7.41	.23
89/03/10	12:10	03/10	20:03	62-59.9S	118-28.3	3732	1.7	-3.0	13.2	11.65	1.71	34.12	7.38	.22
89/03/10	12:15	03/10	20:09	62-59.9S	118-30.5	3736	1.7	-3.0	13.1	11.65	1.80	34.06	7.43	.22
89/03/10	12:20	03/10	20:14	62-59.9S	118-33.8	3737	1.8	-3.0	13.1	11.65	1.80	34.06	7.46	.22
89/03/10	12:25	03/10	20:19	62-59.9S	118-36.0	3750	1.8	-3.0	13.5	11.65	1.71	34.02	7.49	.24
89/03/10	12:30	03/10	20:24	62-59.9S	118-38.8	3757	1.8	-3.0	13.5	11.65	1.71	34.02	7.48	.24
89/03/10	12:35	03/10	20:29	62-59.9S	118-42.1	3768	1.7	-3.0	13.1	11.85	1.71	34.02	7.53	.24
89/03/10	12:40	03/10	20:34	62-59.9S	118-44.8	3757	1.7	-3.0	12.1	11.65	1.71	34.12	7.53	.24
89/03/10	12:45	03/10	20:40	62-59.9S	118-47.0	3773	1.7	-3.0	12.8	11.85	1.80	34.06	7.55	.23
89/03/10	12:50	03/10	20:45	62-59.9S	118-50.2	3763	1.7	-3.0	12.8	11.65	1.80	34.06	7.61	.23
89/03/10	12:55	03/10	20:50	62-59.8S	118-53.0	3783	1.7	-3.0	13.3	11.65	1.71	34.12	7.61	.24
89/03/10	13:00	03/10	20:55	62-59.8S	118-55.6	3770	1.7	-3.0	12.7	11.65	1.71	34.02	7.53	.24
89/03/10	13:05	03/10	21:00	62-59.8S	118-58.3	3768	1.7	-3.0	13.0	11.65	1.63	34.08	7.52	.25
89/03/10	13:10	03/10	21:06	62-59.8S	119-00.5	3763	1.7	-3.0	13.2	11.85	1.63	34.08	7.48	.24
89/03/10	13:15	03/10	21:11	63-00.1S	119-02.9	3767	1.7	-3.0	13.2	11.65	1.71	34.02	7.48	.23
89/03/10	13:20	03/10	21:16	63-00.1S	119-06.1	3782	1.8	-3.0	13.1	11.65	1.71	34.12	7.49	.23
89/03/10	13:25	03/10	21:21	63-00.1S	119-08.8	3774	1.3	-3.0	12.8	11.65	1.71	34.12	7.50	.22
89/03/10	13:30	03/10	21:26	63-00.1S	119-11.6	3775	1.3	-3.0	12.7	11.65	1.71	34.02	7.49	.22
89/03/10	13:35	03/10	21:31	63-00.1S	119-13.7	3777	1.5	-3.0	13.1	11.65	1.71	34.02	7.49	.22
89/03/10	13:40	03/10	21:37	63-00.1S	119-16.4	3781	1.6	-3.0	13.3	11.65	1.63	34.08	7.55	.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]
89/03/10	13:45	03/10	21:42	63-00.1S	119-19.1	3782	1.7	-3.0	13.3	11.65	1.63	34.08	7.62	.23
89/03/10	13:50	03/10	21:47	63-00.1S	119-21.8	3795	1.7	-3.0	13.4	11.65	1.63	34.08	7.54	.23
89/03/10	13:55	03/10	21:52	63-00.1S	119-24.5	3801	1.7	-3.0	13.3	11.65	1.63	34.08	7.56	.23
89/03/10	14:00	03/10	21:57	63-00.1S	119-27.2	3830	1.7	-3.0	12.9	11.65	1.63	34.08	7.50	.23
89/03/10	14:05	03/10	22:02	63-00.1S	119-29.9	3827	1.6	-3.0	13.4	11.65	1.64	34.13	7.46	.23
89/03/10	14:10	03/10	22:08	63-00.1S	119-32.6	3835	1.6	-3.0	13.0	11.65	1.64	34.13	7.44	.22
89/03/10	14:15	03/10	22:13	63-00.2S	119-35.9	3836	1.6	-3.0	12.5	11.65	1.63	34.08	7.45	.22
89/03/10	14:20	03/10	22:18	63-00.2S	119-38.0	3843	1.6	-3.0	13.3	11.65	1.63	34.08	7.45	.22
89/03/10	14:25	03/10	22:23	63-00.2S	119-40.7	3858	1.6	-3.0	13.5	11.65	1.63	34.08	7.46	.22
89/03/10	14:30	03/10	22:28	63-00.2S	119-43.5	3856	1.2	-3.0	13.3	11.65	1.71	34.02	7.68	.24
89/03/10	14:35	03/10	22:34	63-00.2S	119-46.8	3867	1.2	-3.0	13.6	11.65	1.71	34.02	7.57	.24
89/03/10	14:40	03/10	22:39	63-00.2S	119-49.0	3874	1.4	-3.0	13.3	11.65	1.71	34.02	7.58	.24
89/03/10	14:45	03/10	22:44	63-00.2S	119-51.7	3882	1.5	-3.0	13.0	11.65	1.71	34.02	7.58	.24
89/03/10	14:50	03/10	22:49	63-00.2S	119-54.4	3896	1.5	-3.0	13.2	11.65	1.71	34.02	7.66	.23
89/03/10	14:55	03/10	22:54	63-00.2S	119-57.1	3914	1.5	-3.0	12.9	11.65	1.63	34.08	7.59	.23
89/03/10	15:00	03/10	22:59	63-00.1S	119-58.3	3931	1.5	-3.0	13.1	11.65	1.63	34.08	7.53	.23
89/03/10	15:05	03/10	23:05	63-00.1S	120-00.9	3927	1.6	-3.0	13.2	11.65	1.63	34.08	7.48	.23
89/03/10	15:10	03/10	23:10	63-00.1S	120-03.5	3931	1.6	-3.0	13.4	11.65	1.64	34.03	7.44	.23
89/03/10	15:15	03/10	23:15	63-00.3S	120-06.1	3939	1.6	-3.0	12.6	11.65	1.64	34.13	7.51	.23
89/03/10	15:20	03/10	23:20	63-00.3S	120-08.7	3965	1.4	-3.0	12.7	11.65	1.46	34.08	7.44	.21
89/03/10	15:25	03/10	23:25	63-00.3S	120-11.3	3951	1.0	-3.0	13.0	11.65	1.46	34.08	7.41	.20
89/03/10	15:30	03/10	23:30	63-00.4S	120-13.9	3903	.9	-3.0	12.9	11.65	1.46	34.08	7.45	.20
89/03/10	15:35	03/10	23:36	63-00.4S	120-16.6	3876	1.0	-3.0	13.1	11.65	1.37	34.14	7.44	.21
89/03/10	15:40	03/10	23:41	63-00.4S	120-18.8	3863	1.1	-3.0	12.6	11.65	1.29	34.09	7.45	.21
89/03/10	15:45	03/10	23:46	63-00.4S	120-21.4	3866	1.1	-3.0	13.4	11.65	1.37	34.14	7.51	.21
89/03/10	15:50	03/10	23:51	63-00.4S	120-24.1	3848	1.2	-3.0	13.5	11.65	1.29	34.09	7.48	.21
89/03/10	15:55	03/10	23:56	63-00.4S	120-26.7	3827	1.3	-3.0	13.2	11.65	1.29	34.09	7.43	.21
89/03/10	16:00	03/11	00:01	63-00.5S	120-29.3	3807	1.4	-3.0	12.8	11.65	1.37	34.14	7.48	.20
89/03/10	16:05	03/11	00:07	63-00.5S	120-32.0	3800	1.4	-3.0	12.9	11.65	1.37	34.14	7.44	.20
89/03/10	16:10	03/11	00:12	63-00.5S	120-34.6	3803	1.5	-3.0	13.6	11.65	1.64	34.13	7.54	.19
89/03/10	16:15	03/11	00:17	63-00.5S	120-37.2	3788	1.5	-3.0	12.7	11.65	1.63	34.08	7.58	.19
89/03/10	16:20	03/11	00:22	63-00.5S	120-39.8	3785	1.5	-3.0	13.0	11.65	1.63	34.08	7.58	.19
89/03/10	16:25	03/11	00:27	63-00.5S	120-42.5	3803	1.5	-3.0	13.3	11.65	1.63	34.08	7.62	.19
89/03/10	16:30	03/11	00:33	63-00.5S	120-45.1	3801	1.5	-3.0	12.3	11.72	1.71	34.02	7.63	.19
89/03/10	16:35	03/11	00:38	63-00.5S	120-47.6	3797	1.5	-3.0	13.3	11.65	1.71	34.02	7.62	.19
89/03/10	16:40	03/11	00:43	63-00.5S	120-50.3	3809	1.5	-3.0	13.0	11.65	1.71	34.02	7.59	.18
89/03/10	16:45	03/11	00:48	63-00.6S	120-53.0	3800	1.5	-3.0	12.9	11.65	1.63	34.08	7.53	.18
89/03/10	16:50	03/11	00:53	63-00.6S	120-55.6	3815	1.5	-3.0	13.0	11.65	1.71	34.02	7.53	.18
89/03/10	16:55	03/11	00:58	63-00.6S	120-58.4	3811	1.5	-3.0	13.4	11.65	1.71	34.02	7.55	.18
89/03/10	17:00	03/11	01:04	63-00.6S	121-01.0	3819	1.5	-3.0	13.2	11.65	1.80	34.06	7.59	.18
89/03/10	17:05	03/11	01:09	63-00.6S	121-03.7	3834	1.5	-3.0	13.2	11.65	1.80	34.06	7.61	.18
89/03/10	17:10	03/11	01:14	63-00.6S	121-06.4	3855	1.6	-3.0	13.3	11.65	1.86	34.01	7.68	.18
89/03/10	17:15	03/11	01:19	63-00.9S	121-09.1	3873	1.7	-3.0	13.2	11.65	1.88	34.01	7.66	.18
89/03/10	17:20	03/11	01:24	63-00.9S	121-11.8	3885	1.7	-3.0	13.3	11.65	1.80	34.06	7.57	.18
89/03/10	17:25	03/11	01:29	63-00.9S	121-14.4	3909	1.7	-3.0	13.3	11.65	1.80	34.06	7.55	.18
89/03/10	17:30	03/11	01:35	63-01.0S	121-17.3	3912	1.6	-3.0	13.0	11.65	1.80	34.06	7.54	.19
89/03/10	17:35	03/11	01:40	63-01.0S	121-19.9	3955	1.6	-3.0	13.2	11.65	1.63	34.08	7.48	.19
89/03/10	17:40	03/11	01:45	63-01.0S	121-22.6	3956	1.5	-3.0	13.6	11.65	1.63	34.08	7.48	.19
89/03/10	17:45	03/11	01:50	63-01.0S	121-25.3	3988	1.5	-3.0	13.0	11.65	1.63	34.08	7.49	.20
89/03/10	17:50	03/11	01:55	63-01.1S	121-28.0	4010	1.5	-3.0	13.0	11.65	1.54	34.13	7.51	.20
89/03/10	17:55	03/11	02:01	63-01.2S	121-30.8	4014	1.5	-3.0	13.1	11.65	1.63	34.08	7.56	.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]
89/03/10	18:00	03/11	02:06	63-01.3S	121-33.4	4032	1.5	-3.0	13.1	11.65	1.63	34.08	7.57	.21
89/03/10	18:05	03/11	02:11	63-01.3S	121-36.1	4054	1.5	-3.0	13.1	11.65	1.63	34.08	7.57	.20
89/03/10	18:10	03/11	02:16	63-01.3S	121-38.8	4065	1.3	-3.0	13.6	11.65	1.63	34.08	7.52	.20
89/03/10	18:15	03/11	02:21	63-01.3S	121-41.5	4001	1.3	-3.0	13.6	11.65	1.63	34.08	7.47	.20
89/03/10	18:20	03/11	02:26	63-01.3S	121-44.2	3970	1.3	-3.0	13.3	11.72	1.54	34.03	7.47	.20
89/03/10	18:25	03/11	02:32	63-01.3S	121-46.8	3957	1.2	-3.0	13.1	11.65	1.63	33.98	7.51	.21
89/03/10	18:30	03/11	02:37	63-01.3S	121-49.4	3954	1.2	-3.0	13.0	11.65	1.63	34.08	7.58	.21
89/03/10	18:35	03/11	02:42	63-01.3S	121-52.1	3944	1.3	-3.0	13.3	11.65	1.63	34.08	7.60	.21
89/03/10	18:40	03/11	02:47	63-01.3S	121-54.7	3937	1.5	-3.0	13.4	11.65	1.63	34.08	7.60	.21
89/03/10	18:45	03/11	02:52	63-01.3S	121-57.4	3945	1.6	-3.0	13.1	11.65	1.71	34.02	7.64	.21
89/03/10	18:50	03/11	02:58	63-01.6S	122-00.5	3939	1.7	-3.0	12.7	11.65	1.71	34.02	7.66	.22
89/03/10	18:55	03/11	03:03	63-01.6S	122-03.2	3938	1.7	-3.0	13.0	11.65	1.71	34.02	7.61	.22
89/03/10	19:00	03/11	03:08	63-01.6S	122-05.8	3943	1.8	-3.0	13.4	11.65	1.80	33.97	7.80	.21
89/03/10	19:05	03/11	03:13	63-01.6S	122-08.5	3953	1.9	-3.0	13.1	11.65	1.71	34.02	7.58	.22
89/03/10	19:10	03/11	03:18	63-01.6S	122-11.2	3966	1.9	-3.0	13.3	11.65	1.71	34.02	7.58	.22
89/03/10	19:15	03/11	03:23	63-01.4S	122-13.9	3967	1.9	-3.0	12.4	11.65	1.71	34.02	7.60	.21
89/03/10	19:20	03/11	03:29	63-01.3S	122-16.8	3969	1.9	-3.0	13.0	11.57	1.71	34.02	7.60	.21
89/03/10	19:25	03/11	03:34	63-01.2S	122-19.4	3973	1.9	-3.0	13.0	11.65	1.71	34.02	7.60	.21
89/03/10	19:30	03/11	03:39	63-01.1S	122-22.1	3977	1.9	-3.0	13.0	11.65	1.71	34.02	7.71	.21
89/03/10	19:35	03/11	03:44	63-01.1S	122-24.4	3991	1.8	-3.0	12.6	11.65	1.63	34.08	7.67	.21
89/03/10	19:40	03/11	03:49	63-01.0S	122-26.6	4015	1.7	-3.0	12.6	11.65	1.63	33.98	7.61	.22
89/03/10	19:45	03/11	03:54	63-01.0S	122-28.8	4045	1.7	-3.0	12.9	11.65	1.71	34.02	7.60	.22
89/03/10	19:50	03/11	04:00	63-00.9S	122-31.1	4035	1.7	-3.0	12.9	11.57	1.71	34.02	7.58	.22
89/03/10	19:55	03/11	04:05	63-00.6S	122-33.3	3600	1.7	-3.0	12.7	11.57	1.71	34.02	7.57	.22
89/03/10	20:00	03/11	04:10	63-00.7S	122-35.5	3459	1.7	-3.0	13.0	11.57	1.63	33.98	7.54	.21
89/03/10	20:05	03/11	04:15	63-00.7S	122-37.7	3228	1.6	-3.0	12.8	11.65	1.63	33.98	7.56	.21
89/03/10	20:10	03/11	04:20	63-00.6S	122-40.0	2784	1.7	-3.0	12.8	11.65	1.63	33.98	7.62	.21
89/03/10	20:15	03/11	04:25	63-00.6S	122-42.2	2627	1.7	-3.0	12.6	11.57	1.63	33.98	7.64	.21
89/03/10	20:20	03/11	04:30	63-00.6S	122-44.3	4067	1.7	-3.0	13.1	11.65	1.63	34.08	7.67	.21
89/03/10	20:25	03/11	04:36	63-00.5S	122-46.6	4070	1.7	-3.0	13.2	11.65	1.63	33.98	7.55	.21
89/03/10	20:30	03/11	04:41	63-00.4S	122-48.8	4070	1.6	-3.0	12.6	11.65	1.63	33.98	7.51	.21
89/03/10	20:35	03/11	04:46	63-00.4S	122-50.9	4058	1.6	-3.0	13.2	11.57	1.63	33.98	7.51	.22
89/03/10	20:40	03/11	04:51	63-00.7S	122-59.7	4067	1.6	-3.0	13.2	11.57	1.63	33.98	7.55	.21
89/03/10	20:45	03/11	04:57	63-00.6S	123-01.9	4059	1.6	-3.0	12.6	11.57	1.71	34.02	7.58	.21
89/03/10	20:50	03/11	05:02	63-00.6S	123-04.1	4060	1.6	-3.0	13.0	11.65	1.80	33.97	7.62	.21
89/03/10	20:55	03/11	05:07	63-00.6S	123-06.4	4043	1.6	-3.0	12.5	11.65	1.88	34.01	7.68	.21
89/03/10	21:00	03/11	05:12	63-00.4S	123-08.5	4029	1.6	-3.0	12.5	11.65	1.80	33.97	7.64	.22
89/03/10	21:05	03/11	05:17	62-59.9S	123-14.3	4050	1.6	-3.0	13.0	11.65	1.80	33.97	7.68	.23
89/03/10	21:10	03/11	05:23	62-59.9S	123-16.7	4059	1.6	-3.0	12.8	11.65	1.71	34.02	7.64	.23
89/03/10	21:15	03/11	05:28	62-59.6S	123-19.0	4075	1.6	-3.0	12.7	11.65	1.71	34.02	7.58	.23
89/03/10	21:20	03/11	05:33	62-59.6S	123-21.4	4074	1.6	-3.0	13.0	11.65	1.71	34.02	7.57	.23
89/03/10	21:25	03/11	05:38	62-59.6S	123-23.7	4081	1.7	-3.0	13.0	11.65	1.71	34.02	7.58	.24
89/03/10	21:30	03/11	05:43	63-00.1S	123-28.1	4085	1.7	-3.0	12.3	11.65	1.71	34.02	7.58	.24
89/03/10	21:35	03/11	05:49	63-00.0S	123-30.5	4093	1.7	-3.0	12.6	11.65	1.71	34.02	7.60	.24
89/03/10	21:40	03/11	05:54	63-00.0S	123-32.8	4095	1.6	-3.0	12.7	11.65	1.80	33.97	7.67	.24
89/03/10	21:45	03/11	05:59	62-59.9S	123-35.3	4097	1.6	-3.0	13.0	11.65	1.88	34.01	7.73	.24
89/03/10	21:50	03/11	06:04	62-59.9S	123-37.7	4102	1.4	-3.0	13.1	11.65	1.88	34.01	7.69	.23
89/03/10	21:55	03/11	06:09	62-59.6S	123-40.1	4098	1.5	-3.0	12.8	11.72	1.97	33.96	7.66	.23
89/03/10	22:00	03/11	06:14	63-00.4S	123-44.3	4115	1.7	-3.0	12.8	11.65	1.97	33.96	7.82	.23
89/03/10	22:05	03/11	06:20	63-00.3S	123-46.8	4090	1.8	-3.0	12.7	11.65	1.97	33.96	7.56	.22
89/03/10	22:10	03/11	06:25	63-00.3S	123-49.3	4094	1.9	-3.0	12.7	11.65	2.05	34.01	7.59	.22

GMT		GMT		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											
89/03/10	22:15	03/11	06:30	63-00.2S	123-51.8	3303	1.9	-3.0	12.9	11.72	2.05	34.01	7.61	.22
89/03/10	22:20	03/11	06:35	63-00.2S	123-54.3	3313	2.0	-3.0	13.2	11.65	2.05	34.01	7.60	.22
89/03/10	22:25	03/11	06:40	63-00.2S	123-56.8	2855	2.0	-3.0	12.8	11.72	1.97	33.96	7.64	.23
89/03/10	22:30	03/11	06:46	62-59.9S	124-00.4	4094	2.1	-3.0	13.1	11.72	2.05	34.01	7.66	.23
89/03/10	22:35	03/11	06:51	62-59.6S	124-02.9	4106	2.1	-3.0	13.2	11.72	1.97	33.96	7.67	.23
89/03/10	22:40	03/11	06:56	62-59.9S	124-05.5	4101	2.1	-3.0	12.8	11.65	2.05	34.01	7.67	.22
89/03/10	22:45	03/11	07:01	62-59.9S	124-08.0	4099	2.1	-3.0	12.9	11.65	2.14	33.95	7.62	.22
89/03/10	22:50	03/11	07:06	62-59.9S	124-10.6	4103	2.1	-3.0	13.1	11.65	2.22	34.00	7.62	.20
89/03/10	22:55	03/11	07:11	63-00.0S	124-13.1	4108	2.1	-3.0	13.0	11.65	2.31	33.94	7.62	.20
89/03/10	23:00	03/11	07:17	63-00.1S	124-15.7	4121	2.2	-3.0	12.9	11.65	2.31	33.94	7.63	.20
89/03/10	23:05	03/11	07:22	62-59.9S	124-19.7	4138	2.2	-3.0	12.9	11.65	2.31	33.94	7.60	.20
89/03/10	23:10	03/11	07:27	63-00.0S	124-22.4	4160	2.2	-3.0	13.0	11.65	2.22	34.00	7.61	.20
89/03/10	23:15	03/11	07:32	63-00.0S	124-25.0	4155	2.2	-3.0	13.1	11.65	2.22	34.00	7.62	.20
89/03/10	23:20	03/11	07:37	63-00.1S	124-27.6	4144	2.2	-3.0	12.6	11.65	2.31	33.94	7.64	.19
89/03/10	23:25	03/11	07:43	63-00.1S	124-30.2	2963	2.2	-3.0	13.1	11.72	2.39	33.99	7.63	.18
89/03/10	23:30	03/11	07:48	63-00.2S	124-32.8	4128	2.2	-3.0	13.1	11.72	2.39	33.99	7.57	.18
89/03/10	23:35	03/11	07:53	63-00.2S	124-35.5	4132	2.1	-3.0	12.9	11.72	2.39	33.99	7.53	.18
89/03/10	23:40	03/11	07:58	63-00.2S	124-38.0	3895	2.1	-3.0	12.3	11.72	2.39	33.99	7.53	.19
89/03/10	23:45	03/11	08:03	63-00.3S	124-40.6	4145	2.1	-3.0	12.9	11.72	2.31	33.94	7.50	.19
89/03/10	23:50	03/11	08:08	63-00.4S	124-43.3	4159	2.0	-3.0	13.1	11.72	2.31	33.94	7.53	.19
89/03/10	23:55	03/11	08:14	63-00.4S	124-45.8	4182	2.0	-3.0	12.7	11.72	2.22	34.00	7.55	.19
89/03/11	00:00	03/11	08:19	63-00.4S	124-48.5	4218	2.0	-3.0	13.0	11.72	2.22	34.00	7.57	.19
89/03/11	00:05	03/11	08:24	63-00.5S	124-51.1	4208	2.0	-3.0	12.9	11.72	2.31	33.94	7.57	.18
89/03/11	00:10	03/11	08:29	63-00.5S	124-53.8	4206	2.1	-3.0	12.9	11.72	2.39	33.99	7.58	.18
89/03/11	00:15	03/11	08:34	63-00.5S	124-56.3	4076	2.0	-3.0	11.9	11.72	2.31	33.94	7.53	.18
89/03/11	00:20	03/11	08:40	63-00.9S	125-01.0	3583	2.0	-3.0	12.9	11.72	2.31	33.94	7.52	.18
89/03/11	00:25	03/11	08:45	63-00.9S	125-03.6	4160	2.1	-3.0	12.6	11.72	2.39	33.99	7.52	.18
89/03/11	00:30	03/11	08:50	63-00.9S	125-06.2	3913	2.0	-3.0	12.7	11.72	2.39	33.99	7.53	.18
89/03/11	00:35	03/11	08:55	63-00.8S	125-08.9	4152	2.1	-3.0	12.6	11.72	2.47	33.94	7.56	.18
89/03/11	00:40	03/11	09:00	63-00.8S	125-11.5	4149	2.1	-3.0	12.6	11.72	2.39	33.89	7.54	.18
89/03/11	00:45	03/11	09:05	63-00.8S	125-14.1	4144	2.1	-3.0	12.8	11.72	2.39	33.99	7.58	.18
89/03/11	00:50	03/11	09:11	63-00.8S	125-16.7	4142	2.0	-3.0	12.7	11.72	2.47	33.94	7.58	.17
89/03/11	00:55	03/11	09:16	63-00.9S	125-19.4	4146	2.0	-3.0	12.4	11.72	2.56	33.88	7.54	.17
89/03/11	01:00	03/11	09:21	63-00.8S	125-22.0	4130	2.0	-3.0	13.0	11.72	2.47	33.94	7.51	.17
89/03/11	01:05	03/11	09:26	63-00.8S	125-24.7	4117	1.9	-3.0	12.6	11.65	2.31	33.94	7.44	.17
89/03/11	01:10	03/11	09:31	63-00.8S	125-27.3	3925	1.9	-3.0	12.5	11.65	2.31	33.94	7.45	.17
89/03/11	01:15	03/11	09:36	63-00.8S	125-29.9	3994	1.8	-3.0	12.6	11.72	2.22	33.90	7.49	.18
89/03/11	01:20	03/11	09:42	63-00.8S	125-32.6	4108	1.8	-3.0	12.7	11.65	2.14	33.95	7.48	.18
89/03/11	01:25	03/11	09:47	63-00.8S	125-35.2	4108	1.7	-3.0	12.7	11.72	2.14	33.95	7.56	.18
89/03/11	01:30	03/11	09:52	63-00.7S	125-37.9	4117	1.7	-3.0	12.9	11.72	2.22	33.90	7.56	.18
89/03/11	01:35	03/11	09:57	63-00.7S	125-40.5	3441	1.8	-3.0	12.5	11.72	2.22	33.90	7.54	.18
89/03/11	01:40	03/11	10:02	63-00.5S	125-43.2	3221	1.7	-3.0	12.5	11.72	2.14	33.95	7.50	.18
89/03/11	01:45	03/11	10:08	63-00.5S	125-45.8	2793	1.7	-3.0	12.8	11.72	2.14	33.95	7.47	.17
89/03/11	01:50	03/11	10:13	63-00.4S	125-48.5	4183	1.7	-3.0	12.8	11.72	2.14	33.95	7.45	.18
89/03/11	01:55	03/11	10:18	63-00.4S	125-51.1	4185	1.7	-3.0	12.7	11.72	2.14	33.95	7.44	.18
89/03/11	02:00	03/11	10:23	63-00.4S	125-53.8	4061	1.9	-3.0	12.6	11.72	2.22	34.00	7.49	.17
89/03/11	02:05	03/11	10:28	63-00.3S	125-56.9	4180	1.9	-3.0	12.2	11.65	2.31	33.94	7.55	.17
89/03/11	02:10	03/11	10:33	63-00.3S	125-59.5	3799	2.0	-3.0	12.6	11.72	2.31	33.94	7.57	.17
89/03/11	02:15	03/11	10:39	63-00.2S	126-02.1	4132	2.0	-3.0	11.9	11.72	2.22	34.00	7.59	.17
89/03/11	02:20	03/11	10:44	63-00.2S	126-04.7	4034	2.1	-3.0	11.9	11.72	2.31	33.94	7.57	.17
89/03/11	02:25	03/11	10:49	63-00.2S	126-07.3	4107	2.1	-3.0	12.3	11.72	2.31	33.94	7.53	.17

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											
89/03/11	02:30	03/11	10:54	63-00.2S	126-09.9	4112	2.1	-3.0	12.7	11.72	2.31	33.94	7.49	.17
89/03/11	02:35	03/11	10:59	63-00.2S	126-12.5	4127	2.1	-3.0	12.5	11.72	2.22	33.90	7.43	.17
89/03/11	02:40	03/11	11:05	63-00.2S	126-15.1	4140	2.1	-3.0	12.7	11.72	2.14	33.95	7.40	.17
89/03/11	02:45	03/11	11:10	63-00.2S	126-17.8	4157	2.1	-3.0	12.3	11.65	2.14	33.95	7.44	.17
89/03/11	02:50	03/11	11:15	63-00.2S	126-20.3	4158	2.1	-3.0	12.2	11.65	2.22	33.90	7.49	.17
89/03/11	02:55	03/11	11:20	63-00.2S	126-22.9	4161	2.1	-3.0	12.3	11.65	2.22	34.00	7.57	.17
89/03/11	03:00	03/11	11:25	63-00.2S	126-25.5	4186	2.1	-3.0	12.2	11.65	2.31	33.94	7.60	.17
89/03/11	03:05	03/11	11:30	63-00.2S	126-28.1	4187	2.1	-3.0	12.7	11.65	2.22	34.00	7.57	.18
89/03/11	03:10	03/11	11:36	63-00.2S	126-30.7	4005	2.0	-3.0	12.4	11.72	2.22	33.90	7.53	.17
89/03/11	03:15	03/11	11:41	62-59.7S	126-34.1	4182	2.0	-3.0	12.4	11.72	2.22	34.00	7.51	.17
89/03/11	03:20	03/11	11:46	62-59.8S	126-36.8	4188	2.0	-3.0	12.7	11.65	2.22	34.00	7.50	.17
89/03/11	03:25	03/11	11:51	62-59.8S	126-39.5	4198	2.0	-3.0	12.3	11.72	2.22	34.00	7.48	.18
89/03/11	03:30	03/11	11:56	62-59.8S	126-42.1	4194	2.0	-3.0	12.6	11.72	2.14	33.95	7.47	.18
89/03/11	03:35	03/11	12:01	62-59.8S	126-44.8	4210	2.0	-3.0	12.0	11.65	2.14	33.95	7.52	.18
89/03/11	03:40	03/11	12:07	62-59.9S	126-47.4	4217	2.0	-3.0	12.1	11.65	2.14	33.95	7.60	.18
89/03/11	03:45	03/11	12:12	62-59.9S	126-50.0	4052	2.0	-3.0	12.7	11.65	2.14	33.95	7.61	.18
89/03/11	03:50	03/11	12:17	62-59.9S	126-52.7	4229	2.0	-3.0	12.9	11.72	2.05	34.01	7.59	.18
89/03/11	03:55	03/11	12:22	63-00.0S	126-55.4	3377	2.1	-3.0	12.2	11.65	2.31	33.94	7.64	.17
89/03/11	04:00	03/11	12:27	63-00.0S	126-58.1	2702	2.1	-3.0	12.3	11.65	2.39	33.99	7.68	.17
89/03/11	04:05	03/11	12:33	63-00.0S	127-00.7	2846	2.1	-3.0	12.1	11.72	2.39	33.99	7.60	.17
89/03/11	04:10	03/11	12:38	63-00.0S	127-03.4	2544	2.1	-3.0	12.2	11.65	2.39	33.99	7.60	.17
89/03/11	04:15	03/11	12:43	63-00.0S	127-06.1	1989	2.1	-3.0	12.5	11.65	2.39	33.89	7.61	.17
89/03/11	04:20	03/11	12:48	63-00.0S	127-08.8	4224	2.1	-3.0	12.7	11.65	2.39	33.99	7.63	.17
89/03/11	04:25	03/11	12:53	63-00.0S	127-11.5	4208	2.1	-3.0	12.6	11.72	2.47	33.94	7.68	.17
89/03/11	04:30	03/11	12:58	63-00.0S	127-14.2	4051	2.1	-3.0	12.4	11.72	2.39	33.99	7.58	.17
89/03/11	04:35	03/11	13:04	63-00.0S	127-16.9	3521	2.1	-3.0	13.1	11.65	2.47	33.94	7.55	.17
89/03/11	04:40	03/11	13:09	63-00.0S	127-19.6	2828	2.1	-3.0	13.1	11.72	2.47	33.94	7.49	.17
89/03/11	04:45	03/11	13:14	63-00.0S	127-22.3	3143	2.1	-3.0	12.7	11.72	2.39	33.99	7.47	.17
89/03/11	04:50	03/11	13:19	63-00.0S	127-25.0	3227	2.1	-3.0	12.1	11.72	2.39	33.99	7.53	.17
89/03/11	04:55	03/11	13:24	63-00.0S	127-27.7	2954	2.1	-3.0	12.5	11.65	2.39	33.99	7.49	.17
89/03/11	05:00	03/11	13:29	63-00.0S	127-29.9	3281	2.1	-3.0	12.9	11.65	2.39	33.99	7.48	.17
89/03/11	05:05	03/11	13:35	63-00.0S	127-32.6	3343	2.1	-3.0	12.8	11.65	2.39	33.99	7.54	.17
89/03/11	05:10	03/11	13:40	63-00.0S	127-35.3	3170	2.1	-3.0	13.0	11.65	2.39	33.99	7.58	.17
89/03/11	05:15	03/11	13:45	63-00.0S	127-38.1	2329	2.0	-3.0	12.9	11.65	2.47	33.94	7.56	.18
89/03/11	05:20	03/11	13:50	62-59.9S	127-41.4	2203	2.0	-3.0	13.3	11.65	2.47	33.94	7.53	.17
89/03/11	05:25	03/11	13:55	62-59.9S	127-44.2	4267	2.0	-3.0	13.1	11.65	2.47	33.94	7.51	.17
89/03/11	05:30	03/11	14:01	62-59.9S	127-46.4	4069	2.0	-3.0	12.9	11.65	2.47	33.94	7.50	.17
89/03/11	05:35	03/11	14:06	62-59.9S	127-49.1	4286	2.0	-3.0	12.9	11.72	2.47	33.94	7.45	.18
89/03/11	05:40	03/11	14:11	62-59.9S	127-52.5	4290	2.0	-3.0	13.4	11.65	2.47	33.94	7.45	.18
89/03/11	05:45	03/11	14:16	62-59.9S	127-55.3	4302	2.1	-3.0	13.5	11.65	2.47	33.94	7.47	.18
89/03/11	05:50	03/11	14:21	62-59.9S	127-58.1	4309	2.2	-3.0	12.7	11.65	2.47	33.94	7.49	.17
89/03/11	05:55	03/11	14:27	62-59.9S	128-00.8	3979	2.3	-3.0	13.4	11.65	2.47	33.94	7.52	.17
89/03/11	06:00	03/11	14:32	63-00.9S	128-03.3	4320	2.3	-3.0	13.1	11.65	2.56	33.88	7.54	.17
89/03/11	06:05	03/11	14:37	63-01.0S	128-06.1	4308	2.4	-3.0	13.1	11.65	2.56	33.88	7.54	.17
89/03/11	06:10	03/11	14:42	63-01.0S	128-08.9	4298	2.4	-3.0	13.1	11.65	2.47	33.94	7.49	.17
89/03/11	06:15	03/11	14:47	63-01.0S	128-11.7	4292	2.4	-3.0	13.1	11.65	2.47	33.94	7.40	.17
89/03/11	06:20	03/11	14:52	63-01.0S	128-13.9	4291	2.4	-3.0	13.5	11.65	2.47	33.94	7.39	.17
89/03/11	06:25	03/11	14:58	63-01.0S	128-17.3	4287	2.4	-3.0	12.4	11.65	2.56	33.98	7.40	.17
89/03/11	06:30	03/11	15:03	63-01.0S	128-20.0	4286	2.5	-3.0	13.7	11.65	2.56	33.88	7.41	.17
89/03/11	06:35	03/11	15:08	63-01.1S	128-22.9	3705	2.5	-3.0	13.5	11.72	2.56	33.88	7.44	.17
89/03/11	06:40	03/11	15:13	63-01.1S	128-25.7	4276	2.5	-3.0	13.5	11.72	2.56	33.88	7.43	.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]
89/03/11	06:45	03/11	15:18	63-01.1S	128-27.9	4275	2.6	-3.0	13.5	11.72	2.56	33.88	7.46	.17
89/03/11	06:50	03/11	15:23	63-00.8S	128-28.8	4274	2.6	-3.0	13.0	11.72	2.47	33.94	7.46	.17
89/03/11	06:55	03/11	15:29	63-00.7S	128-31.4	4279	2.7	-3.0	13.2	11.72	2.56	33.88	7.44	.17
89/03/11	07:00	03/11	15:34	63-00.7S	128-34.2	4274	2.7	-3.0	13.0	11.72	2.56	33.88	7.48	.17
89/03/11	07:05	03/11	15:39	63-00.8S	128-36.9	4273	2.7	-3.0	13.1	11.72	2.56	33.88	7.53	.17
89/03/11	07:10	03/11	15:44	63-00.6S	128-39.6	4275	2.8	-3.0	13.5	11.72	2.56	33.88	7.48	.17
89/03/11	07:15	03/11	15:49	63-00.5S	128-42.8	4291	2.8	-3.0	13.1	11.65	2.56	33.98	7.48	.17
89/03/11	07:20	03/11	15:55	63-00.5S	128-45.5	4308	2.8	-3.0	13.1	11.72	2.64	33.93	7.45	.17
89/03/11	07:25	03/11	16:00	63-00.4S	128-47.7	4316	2.9	-3.0	13.7	11.72	2.64	33.93	7.42	.16
89/03/11	07:30	03/11	16:05	63-00.4S	128-51.0	4194	2.8	-3.0	13.3	11.72	2.73	33.87	7.43	.16
89/03/11	07:35	03/11	16:10	63-00.4S	128-53.7	4340	2.9	-3.0	13.3	11.72	2.64	33.93	7.40	.17
89/03/11	07:40	03/11	16:15	63-00.3S	128-56.4	4143	2.9	-3.0	13.7	11.72	2.56	33.98	7.40	.17
89/03/11	07:45	03/11	16:20	63-00.2S	128-59.1	4344	2.9	-3.0	12.5	11.65	2.47	33.94	7.39	.17
89/03/11	07:50	03/11	16:26	62-59.8S	129-00.6	4104	2.9	-3.0	13.2	11.65	2.47	33.94	7.39	.17
89/03/11	07:55	03/11	16:31	62-59.7S	129-03.2	4340	2.9	-3.0	13.2	11.72	2.47	33.94	7.44	.17
89/03/11	08:00	03/11	16:36	62-59.6S	129-05.8	4368	2.9	-3.0	13.0	11.72	2.39	33.99	7.43	.17
89/03/11	08:05	03/11	16:41	62-59.6S	129-08.0	4383	2.9	-3.0	13.2	11.65	2.47	33.94	7.49	.17
89/03/11	08:10	03/11	16:46	62-59.8S	129-10.6	4374	2.9	-3.0	13.5	11.72	2.56	33.98	7.50	.17
89/03/11	08:15	03/11	16:51	62-59.8S	129-13.3	4380	2.9	-3.0	13.5	11.72	2.73	33.97	7.50	.17
89/03/11	08:20	03/11	16:57	62-59.6S	129-16.0	4394	2.9	-3.0	12.5	11.72	2.73	33.97	7.50	.16
89/03/11	08:25	03/11	17:02	62-59.6S	129-18.6	4364	3.0	-3.0	13.0	11.72	2.73	33.97	7.43	.17
89/03/11	08:30	03/11	17:07	62-59.8S	129-21.2	3897	3.1	-3.0	13.7	11.72	2.64	33.93	7.42	.17
89/03/11	08:35	03/11	17:12	62-59.3S	129-24.6	3613	3.1	-3.0	12.9	11.72	2.56	33.98	7.41	.17
89/03/11	08:40	03/11	17:17	62-59.3S	129-27.3	4354	3.1	-3.0	13.2	11.72	2.64	33.93	7.45	.18
89/03/11	08:45	03/11	17:22	62-59.2S	129-30.0	4345	3.1	-3.0	13.2	11.72	2.64	33.93	7.47	.17
89/03/11	08:50	03/11	17:28	62-59.2S	129-32.7	4037	3.1	-3.0	13.4	11.72	2.64	33.93	7.47	.17
89/03/11	08:55	03/11	17:33	62-59.2S	129-35.4	4346	3.1	-3.0	13.1	11.65	2.73	33.87	7.49	.17
89/03/11	09:00	03/11	17:38	62-59.2S	129-38.1	4355	3.1	-3.0	13.7	11.72	2.73	33.97	7.54	.17
89/03/11	09:05	03/11	17:43	62-59.2S	129-40.9	4355	3.1	-3.0	13.4	11.72	2.73	33.87	7.50	.17
89/03/11	09:10	03/11	17:48	62-59.2S	129-43.8	4361	2.9	-3.0	13.2	11.72	2.73	33.87	7.46	.17
89/03/11	09:15	03/11	17:54	62-59.2S	129-46.5	4366	3.0	-3.0	13.3	11.72	2.81	33.92	7.45	.17
89/03/11	09:20	03/11	17:59	62-59.2S	129-49.3	4357	3.0	-3.0	13.7	11.72	2.81	33.92	7.44	.17
89/03/11	09:25	03/11	18:04	62-59.2S	129-52.0	4355	3.0	-3.0	13.1	11.72	2.90	33.87	7.44	.17
89/03/11	09:30	03/11	18:09	62-59.2S	129-54.8	4350	3.0	-3.0	13.0	11.72	2.90	33.87	7.43	.17
89/03/11	09:35	03/11	18:14	62-59.2S	129-57.5	4349	3.0	-3.0	13.4	11.65	2.81	33.92	7.44	.17
89/03/11	09:40	03/11	18:20	62-59.5S	130-00.1	4347	3.1	-3.0	13.3	11.72	2.81	33.92	7.39	.17
89/03/11	09:45	03/11	18:25	62-59.5S	130-02.8	4342	3.1	-3.0	13.2	11.65	2.81	33.92	7.45	.17
89/03/11	09:50	03/11	18:30	62-59.5S	130-05.5	4347	3.1	-3.0	13.1	11.72	2.81	33.92	7.45	.17
89/03/11	09:55	03/11	18:35	62-59.8S	130-08.8	4262	3.1	-3.0	13.5	11.72	2.81	33.92	7.47	.17
89/03/11	10:00	03/11	18:40	62-59.8S	130-10.9	4394	3.1	-3.0	13.0	11.72	2.81	33.92	7.51	.17
89/03/11	10:05	03/11	18:45	62-59.6S	130-13.6	4385	3.1	-3.0	13.4	11.72	2.90	33.96	7.49	.17
89/03/11	10:10	03/11	18:51	62-59.8S	130-16.4	4386	3.1	-3.0	13.4	11.72	2.90	33.87	7.46	.17
89/03/11	10:15	03/11	18:56	62-59.7S	130-19.1	4384	3.1	-3.0	13.5	11.72	2.90	33.87	7.43	.17
89/03/11	10:20	03/11	19:01	62-59.8S	130-22.5	4387	3.1	-3.0	12.6	11.65	2.90	33.87	7.42	.17
89/03/11	10:25	03/11	19:06	62-59.8S	130-25.2	4361	3.1	-3.0	13.5	11.72	2.90	33.87	7.39	.17
89/03/11	10:30	03/11	19:11	62-59.8S	130-28.0	4384	3.1	-3.0	13.5	11.72	2.81	33.92	7.38	.17
89/03/11	10:35	03/11	19:17	62-59.8S	130-30.7	4385	3.1	-3.0	13.6	11.72	2.81	33.92	7.38	.17
89/03/11	10:40	03/11	19:22	62-59.9S	130-33.5	4253	3.1	-3.0	13.4	11.72	2.81	33.92	7.39	.17
89/03/11	10:45	03/11	19:27	62-59.9S	130-36.3	4372	3.1	-3.0	13.1	11.65	2.81	33.92	7.38	.17
89/03/11	10:50	03/11	19:32	62-59.9S	130-39.0	4303	3.1	-3.0	13.6	11.72	2.81	33.92	7.43	.17
89/03/11	10:55	03/11	19:37	62-59.9S	130-41.8	4371	3.1	-3.0	13.6	11.72	2.81	33.92	7.38	.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]
89/03/11	11:00	03/11	19:43	62-59.8S	130-45.3	4375	3.1	-3.0	13.6	11.65	2.81	33.92	7.44	.17
89/03/11	11:05	03/11	19:48	62-59.8S	130-48.1	4342	3.1	-3.0	13.2	11.72	2.81	33.92	7.47	.17
89/03/11	11:10	03/11	19:53	62-59.8S	130-50.8	4367	3.1	-3.0	13.5	11.65	2.81	33.92	7.44	.17
89/03/11	11:15	03/11	19:58	62-59.8S	130-53.6	4295	3.1	-3.0	13.3	11.65	2.90	33.87	7.49	.17
89/03/11	11:20	03/11	20:03	62-59.8S	130-56.3	4356	3.1	-3.0	13.4	11.65	2.90	33.87	7.46	.17
89/03/11	11:25	03/11	20:09	62-59.9S	131-00.0	4361	3.1	-3.0	13.3	11.65	2.90	33.87	7.42	.17
89/03/11	11:30	03/11	20:14	62-59.9S	131-02.8	4355	3.1	-3.0	13.0	11.72	2.90	33.87	7.40	.17
89/03/11	11:35	03/11	20:19	62-59.9S	131-05.6	4154	3.1	-3.0	13.1	11.65	2.81	33.92	7.38	.17
89/03/11	11:40	03/11	20:24	62-59.9S	131-08.3	4308	3.1	-3.0	13.5	11.65	2.81	33.92	7.39	.17
89/03/11	11:45	03/11	20:29	62-59.9S	131-11.1	4342	3.1	-3.0	13.2	11.65	2.81	33.92	7.38	.17
89/03/11	11:50	03/11	20:34	62-59.9S	131-13.9	4343	3.1	-3.0	13.0	11.65	2.73	33.97	7.37	.17
89/03/11	11:55	03/11	20:40	63-00.0S	131-16.7	4328	3.1	-3.0	13.3	11.72	2.73	33.97	7.43	.17
89/03/11	12:00	03/11	20:45	63-00.0S	131-19.5	4327	3.1	-3.0	13.5	11.72	2.81	33.92	7.44	.17
89/03/11	12:05	03/11	20:50	63-00.1S	131-22.3	4328	3.1	-3.0	12.4	11.72	2.81	33.92	7.48	.17
89/03/11	12:10	03/11	20:55	63-00.1S	131-25.1	4346	3.1	-3.0	13.1	11.80	2.81	33.92	7.45	.17
89/03/11	12:15	03/11	21:00	63-00.1S	131-27.8	4337	3.1	-3.0	12.3	11.72	2.81	33.92	7.45	.17
89/03/11	12:20	03/11	21:06	62-59.6S	131-30.7	4332	3.1	-3.0	13.0	11.72	2.73	33.87	7.37	.17
89/03/11	12:25	03/11	21:11	62-59.6S	131-33.5	4321	3.1	-3.0	13.6	11.80	2.73	33.97	7.36	.17
89/03/11	12:30	03/11	21:16	62-59.6S	131-36.4	3990	3.1	-3.0	13.0	11.80	2.73	33.97	7.35	.17
89/03/11	12:35	03/11	21:21	62-59.6S	131-39.1	3687	3.1	-3.0	13.3	11.80	2.81	33.92	7.35	.17
89/03/11	12:40	03/11	21:26	62-59.8S	131-41.9	4352	3.1	-3.0	13.3	11.88	2.81	33.92	7.38	.17
89/03/11	12:45	03/11	21:31	62-59.6S	131-44.8	3520	3.2	-3.0	13.3	11.88	2.81	33.92	7.42	.17
89/03/11	12:50	03/11	21:37	62-59.7S	131-47.9	4334	3.2	-3.0	13.7	11.88	2.81	33.92	7.45	.17
89/03/11	12:55	03/11	21:42	62-59.7S	131-50.7	4338	3.2	-3.0	13.4	11.80	2.81	33.92	7.44	.17
89/03/11	13:00	03/11	21:47	62-59.7S	131-53.5	4343	3.2	-3.0	13.1	11.88	2.81	33.92	7.48	.17
89/03/11	13:05	03/11	21:52	62-59.7S	131-56.3	4339	3.2	-3.0	13.6	11.88	2.73	33.97	7.44	.17
89/03/11	13:10	03/11	21:57	62-59.7S	131-59.1	4341	3.2	-3.0	13.4	11.88	2.73	33.87	7.39	.17
89/03/11	13:15	03/11	22:03	62-59.8S	132-01.9	4340	3.2	-3.0	13.0	11.88	2.73	33.87	7.35	.17
89/03/11	13:20	03/11	22:08	62-59.8S	132-05.3	4340	3.2	-3.0	13.4	11.88	2.81	33.92	7.35	.17
89/03/11	13:25	03/11	22:13	62-59.8S	132-08.2	4354	3.2	-3.0	13.2	11.95	2.81	33.92	7.33	.17
89/03/11	13:30	03/11	22:18	62-59.8S	132-10.9	4356	3.2	-3.0	13.1	11.95	2.81	33.92	7.36	.17
89/03/11	13:35	03/11	22:23	62-59.8S	132-13.7	4364	3.2	-3.0	13.0	11.95	2.73	33.87	7.34	.17
89/03/11	13:40	03/11	22:29	62-59.8S	132-16.6	4373	3.2	-3.0	13.2	11.95	2.73	33.87	7.37	.17
89/03/11	13:45	03/11	22:34	62-59.8S	132-19.4	4380	3.2	-3.0	13.3	11.95	2.73	33.87	7.38	.17
89/03/11	13:50	03/11	22:39	62-59.8S	132-22.2	4387	3.2	-3.0	13.0	11.95	2.73	33.87	7.40	.17
89/03/11	13:55	03/11	22:44	62-59.8S	132-25.0	4386	3.0	-3.0	13.4	11.80	2.81	33.92	7.43	.17
89/03/11	14:00	03/11	22:49	62-59.8S	132-27.8	4429	2.9	-3.0	13.1	11.80	2.81	33.92	7.40	.17
89/03/11	14:05	03/11	22:55	62-59.5S	132-30.2	4389	2.6	-3.0	13.2	11.80	2.81	33.92	7.37	.17
89/03/11	14:10	03/11	23:00	62-59.5S	132-33.1	4391	2.5	-3.0	13.2	11.80	2.73	33.87	7.27	.17
89/03/11	14:15	03/11	23:05	62-59.5S	132-35.9	4399	2.6	-3.0	13.2	11.88	2.73	33.87	7.25	.17
89/03/11	14:20	03/11	23:10	62-59.5S	132-38.7	4398	2.5	-3.0	13.2	11.72	2.73	33.87	7.23	.17
89/03/11	14:25	03/11	23:15	62-59.6S	132-41.5	4398	2.5	-3.0	13.4	11.80	2.64	33.93	7.23	.18
89/03/11	14:30	03/11	23:20	62-59.4S	132-44.3	4392	2.4	-3.0	13.4	11.80	2.64	33.93	7.30	.17
89/03/11	14:35	03/11	23:26	62-59.4S	132-46.6	4387	2.3	-3.0	13.4	11.80	2.56	33.88	7.25	.18
89/03/11	14:40	03/11	23:31	62-59.4S	132-49.4	4388	2.2	-3.0	13.4	11.80	2.56	33.88	7.26	.17
89/03/11	14:45	03/11	23:36	62-59.4S	132-52.2	4386	2.1	-3.0	13.0	11.80	2.73	33.87	7.32	.17
89/03/11	14:50	03/11	23:41	62-59.4S	132-55.0	4386	2.1	-3.0	13.1	11.72	2.81	33.92	7.37	.17
89/03/11	14:55	03/11	23:46	62-59.4S	132-57.8	4388	2.1	-3.0	13.4	11.72	2.90	33.87	7.40	.17
89/03/11	15:00	03/11	23:52	62-59.3S	133-00.6	4386	2.1	-3.0	13.1	11.72	2.98	33.81	7.38	.17
89/03/11	15:05	03/11	23:57	62-59.3S	133-02.6	4386	2.1	-3.0	13.4	11.80	2.81	33.82	7.38	.17
89/03/11	15:10	03/12	00:02	62-59.3S	133-05.3	4381	2.1	-3.0	13.5	11.95	2.39	33.89	7.30	.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]
89/03/11	15:15	03/12	00:07	62-59.3S	133-08.1	4377	2.1	-3.0	12.7	11.95	2.22	33.90	7.20	.17
89/03/11	15:20	03/12	00:12	62-59.3S	133-10.9	4377	2.1	-3.0	13.7	11.88	2.14	33.86	7.19	.18
89/03/11	15:25	03/12	00:17	62-59.3S	133-13.6	4383	2.1	-3.0	13.3	11.80	2.05	33.91	7.16	.18
89/03/11	15:30	03/12	00:23	62-59.3S	133-16.4	4375	2.1	-3.0	13.4	11.80	2.05	33.91	7.18	.18
89/03/11	15:35	03/12	00:28	62-59.3S	133-19.2	4371	2.1	-3.0	13.5	11.80	2.05	33.91	7.20	.18
89/03/11	15:40	03/12	00:33	62-59.3S	133-22.0	4372	2.2	-3.0	13.2	11.72	2.05	33.91	7.24	.18
89/03/11	15:45	03/12	00:38	62-59.3S	133-24.7	4370	2.2	-3.0	13.4	11.72	2.05	33.91	7.25	.18
89/03/11	15:50	03/12	00:43	62-59.0S	133-27.2	4367	2.3	-3.0	13.5	11.80	1.97	33.86	7.30	.18
89/03/11	15:55	03/12	00:49	62-59.0S	133-30.0	4368	2.3	-3.0	13.3	11.88	1.97	33.86	7.30	.18
89/03/11	16:00	03/12	00:54	62-59.0S	133-32.8	4364	2.3	-3.0	13.6	11.88	1.97	33.96	7.37	.18
89/03/11	16:05	03/12	00:59	62-59.0S	133-35.5	4380	2.4	-3.0	13.2	11.88	2.05	33.91	7.41	.18
89/03/11	16:10	03/12	01:04	62-59.0S	133-38.3	4358	2.4	-3.0	13.4	11.88	2.05	33.91	7.38	.18
89/03/11	16:15	03/12	01:09	62-59.1S	133-41.1	4355	2.4	-3.0	12.9	11.80	2.05	33.91	7.32	.18
89/03/11	16:20	03/12	01:14	62-59.9S	133-43.0	4351	2.4	-3.0	13.3	11.88	2.05	33.91	7.27	.18
89/03/11	16:25	03/12	01:20	62-59.0S	133-45.7	4349	2.4	-3.0	13.6	11.80	2.05	33.91	7.25	.18
89/03/11	16:30	03/12	01:25	62-59.0S	133-48.5	4345	2.4	-3.0	12.9	11.88	2.05	33.91	7.24	.18
89/03/11	16:35	03/12	01:30	62-59.0S	133-51.2	4341	2.4	-3.0	13.8	11.88	2.05	33.91	7.26	.18
89/03/11	16:40	03/12	01:35	62-59.3S	133-53.6	4357	2.4	-3.0	13.3	11.88	2.05	33.91	7.32	.18
89/03/11	16:45	03/12	01:40	62-59.4S	133-56.3	4363	2.4	-3.0	13.5	11.88	2.05	33.91	7.35	.18
89/03/11	16:50	03/12	01:45	62-59.4S	133-59.1	4338	2.4	-3.0	13.5	11.88	2.05	33.91	7.36	.18
89/03/11	16:55	03/12	01:51	62-59.5S	134-01.8	4332	2.4	-3.0	13.0	11.80	2.05	33.91	7.34	.18
89/03/11	17:00	03/12	01:56	62-59.5S	134-04.6	4322	2.4	-3.0	13.6	11.88	2.05	33.91	7.38	.18
89/03/11	17:05	03/12	02:01	62-59.6S	134-07.3	4326	2.5	-3.0	13.3	11.88	2.14	33.86	7.42	.18
89/03/11	17:10	03/12	02:06	62-59.6S	134-10.0	4310	2.3	-3.0	13.3	11.88	2.31	33.85	7.44	.18
89/03/11	17:15	03/12	02:11	62-59.6S	134-12.7	4301	2.3	-3.0	13.3	11.88	2.31	33.94	7.43	.18
89/03/11	17:20	03/12	02:17	63-00.0S	134-15.4	4294	2.3	-3.0	13.5	11.88	2.31	33.94	7.35	.18
89/03/11	17:25	03/12	02:22	63-00.0S	134-18.1	4286	2.3	-3.0	13.6	11.88	2.31	33.94	7.36	.18
89/03/11	17:30	03/12	02:27	63-00.1S	134-20.9	4083	2.3	-3.0	13.0	11.88	2.39	33.89	7.35	.18
89/03/11	17:35	03/12	02:32	63-00.1S	134-23.6	4275	2.5	-3.0	13.6	11.95	2.39	33.89	7.39	.18
89/03/11	17:40	03/12	02:37	63-00.1S	134-26.3	4261	2.5	-3.0	13.5	11.95	2.39	33.89	7.36	.18
89/03/11	17:45	03/12	02:42	63-00.1S	134-29.0	4256	2.5	-3.0	13.1	11.95	2.39	33.89	7.36	.18
89/03/11	17:50	03/12	02:48	63-00.1S	134-31.7	4237	2.5	-3.0	13.4	11.95	2.39	33.89	7.40	.18
89/03/11	17:55	03/12	02:53	63-00.1S	134-34.5	4230	2.6	-3.0	13.2	11.95	2.39	33.89	7.39	.18
89/03/11	18:00	03/12	02:58	63-00.1S	134-37.2	4222	2.6	-3.0	13.6	11.95	2.39	33.89	7.39	.18
89/03/11	18:05	03/12	03:03	63-00.1S	134-39.9	4204	2.6	-3.0	13.0	11.95	2.39	33.89	7.36	.18
89/03/11	18:10	03/12	03:08	63-00.1S	134-42.6	4190	2.6	-3.0	13.2	11.95	2.31	33.94	7.31	.18
89/03/11	18:15	03/12	03:14	63-00.1S	134-45.4	4206	2.6	-3.0	13.5	11.88	2.22	33.90	7.27	.18
89/03/11	18:20	03/12	03:19	63-00.1S	134-48.1	4179	2.6	-3.0	13.5	11.95	2.22	33.90	7.26	.18
89/03/11	18:25	03/12	03:24	63-00.1S	134-50.8	4158	2.5	-3.0	13.3	11.88	1.97	33.96	7.22	.18
89/03/11	18:30	03/12	03:29	63-00.3S	134-53.6	4151	2.5	-3.0	13.7	11.95	1.80	33.87	7.19	.19
89/03/11	18:35	03/12	03:34	63-00.2S	134-56.3	4164	2.5	-3.0	13.3	11.88	1.71	33.93	7.20	.19
89/03/11	18:40	03/12	03:39	63-00.2S	134-59.0	4166	2.5	-3.0	13.3	11.95	1.80	33.87	7.23	.19
89/03/11	18:45	03/12	03:45	63-00.2S	135-01.8	4179	2.5	-3.0	13.1	11.88	1.80	33.97	7.28	.19
89/03/11	18:50	03/12	03:50	63-00.2S	135-04.5	4190	2.5	-3.0	12.2	11.95	1.80	33.97	7.36	.19
89/03/11	18:55	03/12	03:55	63-00.4S	135-07.1	4198	2.5	-3.0	13.1	11.95	1.80	33.97	7.38	.19
89/03/11	19:00	03/12	04:00	63-00.3S	135-09.8	4204	2.5	-3.0	13.5	11.95	1.80	33.87	7.38	.19
89/03/11	19:05	03/12	04:05	63-00.2S	135-12.5	4207	2.5	-3.0	13.5	11.95	1.88	33.92	7.39	.19
89/03/11	19:10	03/12	04:11	63-00.1S	135-15.2	4207	2.5	-3.0	13.3	11.95	1.88	33.92	7.33	.19
89/03/11	19:15	03/12	04:16	63-00.0S	135-17.9	4202	2.5	-3.0	13.4	11.95	1.88	33.92	7.32	.19
89/03/11	19:20	03/12	04:21	63-00.0S	135-20.6	4193	2.5	-3.0	13.6	11.95	1.80	33.87	7.32	.19
89/03/11	19:25	03/12	04:26	63-00.0S	135-23.4	4193	2.5	-3.0	13.3	11.95	1.80	33.87	7.32	.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]
89/03/11	19:30	03/12	04:31	62-59.9S	135-26.0	4194	2.4	-3.0	13.4	11.88	1.80	33.87	7.31	.19
89/03/11	19:35	03/12	04:36	62-59.9S	135-28.7	4203	2.4	-3.0	13.6	11.95	1.88	33.92	7.38	.19
89/03/11	19:40	03/12	04:42	62-59.9S	135-31.5	4202	2.4	-3.0	13.2	11.95	1.88	33.92	7.43	.19
89/03/11	19:45	03/12	04:47	62-59.9S	135-34.2	4200	2.4	-3.0	13.3	11.95	1.97	33.86	7.44	.19
89/03/11	19:50	03/12	04:52	62-59.5S	135-35.7	4194	2.4	-3.0	13.4	11.95	1.97	33.86	7.45	.19
89/03/11	19:55	03/12	04:57	62-59.5S	135-38.4	4192	2.4	-3.0	13.1	11.95	1.88	33.92	7.44	.19
89/03/11	20:00	03/12	05:02	62-59.5S	135-41.0	4186	2.4	-3.0	12.6	11.95	1.97	33.86	7.46	.19
89/03/11	20:05	03/12	05:07	62-59.5S	135-43.6	4181	2.4	-3.0	12.9	11.95	1.88	33.92	7.44	.19
89/03/11	20:10	03/12	05:13	62-59.5S	135-46.3	4184	2.4	-3.0	13.6	11.88	1.71	33.93	7.38	.19
89/03/11	20:15	03/12	05:18	62-59.5S	135-49.0	4171	2.4	-3.0	13.2	11.88	1.63	33.88	7.32	.19
89/03/11	20:20	03/12	05:23	62-59.5S	135-51.5	4170	2.4	-3.0	13.4	11.95	1.54	33.93	7.27	.19
89/03/11	20:25	03/12	05:28	62-59.5S	135-54.2	4162	2.4	-3.0	13.0	11.95	1.63	33.88	7.30	.19
89/03/11	20:30	03/12	05:33	62-59.5S	135-56.9	4161	2.4	-3.0	13.4	11.95	1.63	33.88	7.31	.19
89/03/11	20:35	03/12	05:38	62-59.5S	135-59.6	4148	2.4	-3.0	13.2	11.95	1.63	33.88	7.32	.19
89/03/11	20:40	03/12	05:44	62-59.5S	136-02.2	4144	2.4	-3.0	13.4	11.88	1.63	33.88	7.37	.20
89/03/11	20:45	03/12	05:49	62-59.5S	136-04.9	4124	2.4	-3.0	13.5	11.88	1.63	33.88	7.38	.19
89/03/11	20:50	03/12	05:54	62-59.5S	136-07.5	4119	2.4	-3.0	13.3	11.88	1.63	33.88	7.42	.20
89/03/11	20:55	03/12	05:59	62-59.5S	136-10.2	4111	2.4	-3.0	13.2	11.88	1.71	33.82	7.45	.19
89/03/11	21:00	03/12	06:04	62-59.5S	136-12.8	4109	2.4	-3.0	13.5	11.88	1.71	33.82	7.45	.19
89/03/11	21:05	03/12	06:10	62-59.5S	136-15.5	4097	2.4	-3.0	13.4	11.88	1.71	33.82	7.39	.19
89/03/11	21:10	03/12	06:15	62-59.5S	136-18.2	4111	2.4	-3.0	13.4	11.88	1.71	33.82	7.37	.19
89/03/11	21:15	03/12	06:20	62-59.5S	136-20.9	4095	2.4	-3.0	13.5	11.88	1.71	33.82	7.35	.19
89/03/11	21:20	03/12	06:25	62-59.5S	136-23.6	4082	2.5	-3.0	13.5	11.95	1.71	33.93	7.36	.19
89/03/11	21:25	03/12	06:30	62-59.4S	136-26.3	4070	2.4	-3.0	13.5	11.95	1.71	33.93	7.37	.19
89/03/11	21:30	03/12	06:35	62-59.4S	136-28.9	4059	2.5	-3.0	13.3	11.95	1.71	33.93	7.36	.19
89/03/11	21:35	03/12	06:41	62-59.4S	136-31.6	4047	2.5	-3.0	13.3	11.88	1.71	33.93	7.38	.20
89/03/11	21:40	03/12	06:46	63-00.4S	136-32.9	4041	2.5	-3.0	13.1	11.88	1.71	33.82	7.38	.20
89/03/11	21:45	03/12	06:51	63-00.4S	136-35.6	4033	2.5	-3.0	13.3	11.88	1.63	33.88	7.40	.20
89/03/11	21:50	03/12	06:56	63-00.4S	136-38.2	4018	2.5	-3.0	13.7	11.95	1.71	33.82	7.42	.20
89/03/11	21:55	03/12	07:01	63-00.4S	136-40.9	4003	2.5	-3.0	13.4	11.95	1.71	33.93	7.48	.20
89/03/11	22:00	03/12	07:06	63-00.5S	136-43.5	3996	2.5	-3.0	12.9	11.95	1.80	33.87	7.48	.20
89/03/11	22:05	03/12	07:12	63-00.6S	136-47.0	3980	2.5	-3.0	13.8	11.95	1.88	33.92	7.53	.19
89/03/11	22:10	03/12	07:17	63-00.6S	136-49.7	3970	2.4	-3.0	13.1	11.88	1.97	33.86	7.47	.19
89/03/11	22:15	03/12	07:22	63-00.7S	136-52.4	3963	2.4	-3.0	13.6	11.88	1.97	33.86	7.47	.19
89/03/11	22:20	03/12	07:27	63-00.7S	136-55.1	3958	2.4	-3.0	13.5	11.88	1.97	33.86	7.42	.19
89/03/11	22:25	03/12	07:32	63-00.7S	136-57.7	3949	2.4	-3.0	13.4	11.88	1.97	33.86	7.40	.19
89/03/11	22:30	03/12	07:38	63-00.6S	137-00.4	3932	2.4	-3.0	13.3	11.88	1.97	33.86	7.38	.19
89/03/11	22:35	03/12	07:43	63-00.8S	137-03.1	3923	2.4	-3.0	13.4	11.88	1.97	33.86	7.36	.19
89/03/11	22:40	03/12	07:48	63-00.8S	137-05.7	3899	2.4	-3.0	13.2	11.95	1.88	33.92	7.38	.19
89/03/11	22:45	03/12	07:53	63-00.9S	137-08.3	3874	2.5	-3.0	13.5	11.95	1.88	33.92	7.43	.19
89/03/11	22:50	03/12	07:58	63-00.9S	137-11.0	3875	2.5	-3.0	13.4	11.88	1.97	33.86	7.46	.19
89/03/11	22:55	03/12	08:03	63-01.0S	137-13.6	3861	2.5	-3.0	13.1	11.95	1.97	33.96	7.47	.19
89/03/11	23:00	03/12	08:09	63-01.0S	137-16.3	3846	2.5	-3.0	13.5	11.95	2.05	33.91	7.45	.19
89/03/11	23:05	03/12	08:14	63-01.0S	137-19.0	3829	2.5	-3.0	13.1	11.95	2.05	33.91	7.43	.18
89/03/11	23:10	03/12	08:19	63-01.1S	137-21.6	3812	2.5	-3.0	12.7	11.88	2.05	33.91	7.37	.19
89/03/11	23:15	03/12	08:24	63-01.1S	137-24.2	3812	2.5	-3.0	13.5	11.88	1.97	33.96	7.35	.19
89/03/11	23:20	03/12	08:29	63-01.1S	137-26.9	3805	2.5	-3.0	13.4	11.95	1.97	33.86	7.36	.19
89/03/11	23:25	03/12	08:34	63-01.1S	137-29.5	3760	2.5	-3.0	12.8	11.95	1.97	33.86	7.36	.18
89/03/11	23:30	03/12	08:40	63-01.2S	137-32.2	3757	2.6	-3.0	12.7	11.95	1.88	33.92	7.39	.18
89/03/11	23:35	03/12	08:45	63-01.3S	137-34.8	3749	2.6	-3.0	12.3	11.95	1.88	33.82	7.36	.18
89/03/11	23:40	03/12	08:50	63-01.3S	137-37.4	3731	2.7	-3.0	13.7	11.88	1.80	33.87	7.38	.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]
89/03/11	23:45	03/12	08:55	63-01.3S	137-40.1	3721	2.8	-3.0	13.5	11.88	1.88	33.92	7.41	.18
89/03/11	23:50	03/12	09:00	63-01.3S	137-42.8	3723	2.9	-3.0	13.5	11.88	1.88	33.92	7.41	.18
89/03/11	23:55	03/12	09:06	63-01.4S	137-45.4	3696	3.0	-3.0	13.2	11.88	1.80	33.87	7.37	.18
89/03/12	00:00	03/12	09:11	63-01.4S	137-48.1	3671	3.1	-3.0	13.2	11.88	1.88	33.92	7.36	.18
89/03/12	00:05	03/12	09:16	63-01.5S	137-50.7	3656	3.1	-3.0	13.6	11.88	1.88	33.92	7.32	.18
89/03/12	00:10	03/12	09:21	63-01.5S	137-53.4	3653	3.1	-3.0	13.2	11.88	1.80	33.87	7.25	.19
89/03/12	00:15	03/12	09:26	63-01.6S	137-56.0	3658	3.1	-3.0	13.6	11.88	1.88	33.92	7.34	.19
89/03/12	00:20	03/12	09:31	63-01.6S	137-58.6	3663	3.1	-3.0	13.2	11.88	1.80	33.87	7.26	.19
89/03/12	00:25	03/12	09:37	63-01.6S	138-01.3	3668	3.0	-3.0	12.9	11.95	1.71	33.93	7.34	.19
89/03/12	00:30	03/12	09:42	63-01.7S	138-03.9	3674	3.0	-3.0	13.5	11.88	1.71	33.93	7.28	.19
89/03/12	00:35	03/12	09:47	63-01.7S	138-06.5	3682	3.0	-3.0	13.1	11.88	1.71	33.82	7.33	.19
89/03/12	00:40	03/12	09:52	63-01.7S	138-09.2	3701	3.0	-3.0	13.5	11.88	1.63	33.88	7.36	.19
89/03/12	00:45	03/12	09:57	63-01.8S	138-11.9	3713	3.0	-3.0	13.1	11.88	1.71	33.93	7.36	.19
89/03/12	00:50	03/12	10:02	63-01.8S	138-14.5	3726	3.0	-3.0	13.4	11.88	1.71	33.93	7.40	.19
89/03/12	00:55	03/12	10:08	63-01.7S	138-17.1	3733	3.0	-3.0	12.7	11.95	1.80	33.87	7.42	.19
89/03/12	01:00	03/12	10:13	63-01.7S	138-19.7	3738	3.2	-3.0	13.4	11.88	1.80	33.87	7.42	.19
89/03/12	01:05	03/12	10:18	63-01.6S	138-22.4	3752	3.2	-3.0	13.3	11.88	1.80	33.87	7.37	.19
89/03/12	01:10	03/12	10:23	63-01.6S	138-25.0	3762	3.2	-3.0	12.6	11.88	1.80	33.87	7.36	.19
89/03/12	01:15	03/12	10:28	63-01.5S	138-27.7	3766	3.2	-3.0	13.3	11.88	1.80	33.87	7.36	.19
89/03/12	01:20	03/12	10:34	63-01.3S	138-32.2	3772	3.2	-3.0	12.5	11.88	1.71	33.93	7.33	.19
89/03/12	01:25	03/12	10:39	63-01.2S	138-34.9	3779	3.2	-3.0	13.4	11.88	1.63	33.88	7.28	.19
89/03/12	01:30	03/12	10:44	63-01.1S	138-37.6	3780	3.1	-3.0	13.1	11.88	1.64	33.93	7.27	.19
89/03/12	01:35	03/12	10:49	63-01.1S	138-40.2	3781	3.1	-3.0	13.4	11.88	1.46	33.89	7.27	.19
89/03/12	01:40	03/12	10:54	63-01.0S	138-42.8	3787	3.1	-3.0	13.3	11.88	1.29	33.89	7.21	.20
89/03/12	01:45	03/12	11:00	63-01.0S	138-45.6	3784	3.2	-3.0	13.1	11.88	1.21	33.95	7.20	.20
89/03/12	01:50	03/12	11:05	63-00.9S	138-48.2	3787	3.2	-3.0	13.0	11.88	1.11	34.00	7.19	.20
89/03/12	01:55	03/12	11:10	63-00.8S	138-50.9	3787	3.3	-3.0	12.8	11.88	1.11	33.90	7.18	.20
89/03/12	02:00	03/12	11:15	63-00.7S	138-53.6	3793	3.4	-3.0	13.7	11.80	1.11	33.90	7.14	.20
89/03/12	02:05	03/12	11:20	63-00.7S	138-56.8	3795	3.4	-3.0	13.4	11.80	1.03	33.96	7.13	.20
89/03/12	02:10	03/12	11:25	63-00.6S	138-59.0	3796	3.4	-3.0	12.8	11.88	.94	33.91	7.09	.20
89/03/12	02:15	03/12	11:31	63-00.5S	139-02.2	3797	3.4	-3.0	13.3	11.88	.94	33.91	7.16	.20
89/03/12	02:20	03/12	11:36	63-00.5S	139-04.9	3797	3.3	-3.0	13.6	11.80	.94	33.91	7.11	.20
89/03/12	02:25	03/12	11:41	62-59.9S	139-08.1	3790	3.3	-3.0	13.0	11.88	.94	33.91	7.19	.20
89/03/12	02:30	03/12	11:46	62-59.9S	139-10.8	3790	3.5	-3.0	13.2	11.88	.94	33.91	7.21	.20
89/03/12	02:35	03/12	11:51	62-59.9S	139-13.6	3794	3.7	-3.0	13.2	11.88	.94	33.91	7.23	.21
89/03/12	02:40	03/12	11:57	62-59.9S	139-16.2	3801	3.8	-3.0	12.9	11.88	1.03	33.96	7.27	.20
89/03/12	02:45	03/12	12:02	62-59.9S	139-19.0	3800	3.9	-3.0	13.1	11.88	1.03	33.96	7.30	.20
89/03/12	02:50	03/12	12:07	62-59.9S	139-21.7	3811	3.8	-3.0	13.6	11.88	1.03	33.96	7.32	.20
89/03/12	02:55	03/12	12:12	62-59.9S	139-24.4	3804	3.8	-3.0	13.5	11.88	1.03	33.96	7.28	.20
89/03/12	03:00	03/12	12:17	62-59.9S	139-27.2	3803	3.7	-3.0	13.4	11.88	1.21	33.95	7.35	.20
89/03/12	03:05	03/12	12:22	62-59.9S	139-29.9	3799	3.6	-3.0	13.5	11.95	1.21	33.95	7.33	.20
89/03/12	03:10	03/12	12:28	62-59.9S	139-32.7	3796	3.5	-3.0	13.4	11.88	1.21	33.95	7.28	.20
89/03/12	03:15	03/12	12:33	63-00.0S	139-35.4	3798	3.7	-3.0	13.4	11.95	1.21	33.95	7.28	.20
89/03/12	03:20	03/12	12:38	63-00.0S	139-38.0	3796	3.2	-3.0	13.0	11.88	1.11	33.90	7.23	.20
89/03/12	03:25	03/12	12:43	63-00.0S	139-40.7	3796	3.2	-3.0	12.8	11.95	1.11	33.90	7.22	.21
89/03/12	03:30	03/12	12:48	63-00.0S	139-43.4	3792	3.1	-3.0	13.6	11.95	1.11	33.90	7.20	.21
89/03/12	03:35	03/12	12:54	63-00.0S	139-46.1	3794	3.1	-3.0	12.7	11.88	1.11	33.90	7.21	.20
89/03/12	03:40	03/12	12:59	63-00.1S	139-48.8	3788	3.1	-3.0	12.9	11.95	1.11	33.90	7.23	.21
89/03/12	03:45	03/12	13:04	63-00.1S	139-51.5	3786	3.1	-3.0	13.4	11.95	1.11	33.90	7.22	.21
89/03/12	03:50	03/12	13:09	63-00.1S	139-54.3	3783	3.0	-3.0	13.5	12.33	1.11	33.90	7.19	.21
89/03/12	03:55	03/12	13:14	63-00.1S	139-56.9	3787	3.0	-3.0	13.6	12.78	1.11	33.90	7.23	.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]
89/03/12	04:00	03/12	13:19	63-00.1S	139-59.7	3784	3.0	-3.0	13.6	12.71	1.21	33.95	7.27	.21
89/03/12	04:05	03/12	13:25	63-00.1S	140-02.4	3775	3.0	-3.0	12.9	12.78	1.21	33.95	7.32	.21
89/03/12	04:10	03/12	13:30	63-00.1S	140-05.1	3768	3.0	-3.0	13.4	12.71	1.11	33.90	7.31	.21
89/03/12	04:15	03/12	13:35	63-00.1S	140-07.9	3750	3.0	-3.0	13.7	12.86	1.11	33.90	7.30	.21
89/03/12	04:20	03/12	13:40	63-00.1S	140-10.6	3764	3.1	-3.0	13.2	12.78	1.11	33.90	7.32	.21
89/03/12	04:25	03/12	13:45	63-00.1S	140-13.3	3753	3.2	-3.0	13.7	12.78	1.11	33.90	7.34	.21
89/03/12	04:30	03/12	13:51	63-00.1S	140-16.0	3764	3.2	-3.0	13.6	12.78	1.11	33.90	7.35	.21
89/03/12	04:35	03/12	13:56	63-00.1S	140-18.7	3755	3.1	-3.0	13.5	12.78	1.11	33.90	7.33	.21
89/03/12	04:40	03/12	14:01	83-00.0S	140-21.4	3772	3.1	-3.0	13.5	12.78	1.11	33.90	7.31	.21
89/03/12	04:45	03/12	14:06	83-00.0S	140-24.1	3760	3.1	-3.0	13.3	12.78	1.03	33.96	7.30	.21
89/03/12	04:50	03/12	14:11	83-00.0S	140-26.9	3763	3.1	-3.0	13.1	12.78	1.03	33.96	7.26	.21
89/03/12	04:55	03/12	14:16	83-00.0S	140-29.6	3752	3.0	-3.0	13.6	12.78	1.11	33.90	7.24	.21
89/03/12	05:00	03/12	14:22	63-00.0S	140-32.3	3756	3.0	-3.0	13.3	12.78	1.37	33.94	7.31	.21
89/03/12	05:05	03/12	14:27	62-59.9S	140-35.0	3771	3.0	-3.0	12.8	12.78	1.37	33.94	7.33	.21
89/03/12	05:10	03/12	14:32	62-59.9S	140-37.7	3775	3.0	-3.0	13.2	12.78	1.46	33.89	7.26	.21
89/03/12	05:15	03/12	14:37	62-59.9S	140-40.5	3767	3.0	-3.0	13.7	12.78	1.37	33.94	7.21	.21
89/03/12	05:20	03/12	14:42	62-59.9S	140-43.2	3770	2.9	-3.0	13.4	12.71	1.37	33.94	7.18	.21
89/03/12	05:25	03/12	14:48	83-00.0S	140-45.9	3767	2.9	-3.0	13.6	12.71	1.37	33.94	7.17	.21
89/03/12	05:30	03/12	14:53	83-00.0S	140-48.7	3801	2.9	-3.0	13.2	12.71	1.46	33.89	7.14	.21
89/03/12	05:35	03/12	14:58	62-59.2S	140-50.3	3763	2.9	-3.0	13.5	12.71	1.46	33.89	7.18	.21
89/03/12	05:40	03/12	15:03	62-59.2S	140-53.0	3795	2.8	-3.0	12.7	12.71	1.37	33.94	7.12	.21
89/03/12	05:45	03/12	15:08	62-59.2S	140-55.7	3819	2.8	-3.0	13.4	12.78	1.37	33.94	7.10	.22
89/03/12	05:50	03/12	15:13	62-59.1S	140-58.4	3846	2.8	-3.0	13.6	12.78	1.37	33.94	7.11	.22
89/03/12	05:55	03/12	15:19	62-59.1S	141-01.1	3851	2.8	-3.0	13.1	12.78	1.37	33.94	7.12	.22
89/03/12	06:00	03/12	15:24	62-59.1S	141-03.8	3851	2.7	-3.0	13.4	12.56	1.37	33.94	7.08	.22
89/03/12	06:05	03/12	15:29	62-59.3S	141-07.0	3847	2.7	-3.0	12.9	11.57	1.46	33.89	7.09	.22
89/03/12	06:10	03/12	15:34	62-59.3S	141-09.7	3846	2.7	-3.0	13.4	11.57	1.37	33.94	7.08	.22
89/03/12	06:15	03/12	15:39	62-59.3S	141-12.4	3852	2.7	-3.0	13.5	11.65	1.37	33.94	7.06	.22
89/03/12	06:20	03/12	15:45	62-59.3S	141-15.2	3839	2.7	-3.0	13.0	11.65	1.37	33.94	7.06	.22
89/03/12	06:25	03/12	15:50	62-59.2S	141-17.9	3841	2.7	-3.0	13.0	11.65	1.37	33.94	7.06	.22
89/03/12	06:30	03/12	15:55	62-59.2S	141-20.6	3851	2.7	-3.0	13.1	11.65	1.37	33.94	7.03	.23
89/03/12	06:35	03/12	16:00	62-59.2S	141-23.3	3856	2.7	-3.0	12.9	11.65	1.29	33.89	7.01	.23
89/03/12	06:40	03/12	16:05	62-59.2S	141-26.1	3874	2.7	-3.0	13.2	11.65	1.29	34.00	7.03	.23
89/03/12	06:45	03/12	16:10	62-59.2S	141-28.8	3887	2.7	-3.0	13.5	11.57	1.37	33.94	7.09	.23
89/03/12	06:50	03/12	16:16	62-59.2S	141-31.5	3913	2.7	-3.0	13.5	11.72	1.46	33.89	7.10	.23
89/03/12	06:55	03/12	16:21	62-59.2S	141-35.5	3939	2.8	-3.0	13.8	11.65	1.46	33.89	7.10	.23
89/03/12	07:00	03/12	16:26	62-59.2S	141-37.9	3971	2.9	-3.0	11.2	11.65	1.46	33.99	7.17	.23
89/03/12	07:05	03/12	16:31	62-59.2S	141-40.3	3996	3.0	-3.0	11.2	11.65	1.80	33.87	7.31	.22
89/03/12	07:10	03/12	16:36	62-59.2S	141-42.7	4142	3.0	-3.0	10.9	11.65	1.88	33.92	7.35	.22
89/03/12	07:15	03/12	16:42	62-59.2S	141-45.0	4081	3.0	-3.0	11.2	11.65	1.97	33.86	7.33	.22
89/03/12	07:20	03/12	16:47	62-59.7S	141-48.2	4098	3.0	-3.0	11.1	11.65	2.05	33.91	7.37	.21
89/03/12	07:25	03/12	16:52	62-59.7S	141-50.6	4031	3.0	-3.0	10.5	11.65	2.05	33.91	7.35	.21
89/03/12	07:30	03/12	16:57	62-59.8S	141-53.0	3990	3.0	-3.0	10.9	11.57	2.05	33.91	7.37	.21
89/03/12	07:35	03/12	17:02	62-59.8S	141-55.4	3977	3.0	-3.0	11.0	11.65	2.05	33.91	7.33	.21
89/03/12	07:40	03/12	17:07	62-59.8S	141-57.8	3971	3.0	-3.0	11.0	11.65	1.97	33.86	7.30	.21
89/03/12	07:45	03/12	17:13	62-59.8S	142-00.2	3973	2.9	-3.0	11.3	11.65	1.97	33.86	7.31	.21
89/03/12	07:50	03/12	17:18	62-59.9S	142-02.3	3951	2.9	-3.0	11.2	11.65	2.05	33.81	7.32	.22
89/03/12	07:55	03/12	17:23	62-59.9S	142-04.7	3946	2.9	-3.0	11.3	11.65	1.97	33.86	7.28	.22
89/03/12	08:00	03/12	17:28	62-59.9S	142-07.1	3947	2.7	-3.0	11.3	11.65	2.05	33.91	7.33	.22
89/03/12	08:05	03/12	17:33	82-59.9S	142-09.5	3955	2.8	-3.0	11.4	11.65	1.97	33.86	7.33	.21
89/03/12	08:10	03/12	17:38	62-59.9S	142-11.9	3974	2.8	-3.0	10.9	11.65	1.97	33.86	7.30	.22

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]
89/03/12	08:15	03/12	17:43	62-59.9S	142-14.3	3991	2.9	-3.0	11.0	11.65	1.97	33.86	7.35	.21
89/03/12	08:20	03/12	17:49	62-59.9S	142-16.7	4007	3.9	-3.0	11.2	11.65	2.05	33.81	7.31	.21
89/03/12	08:25	03/12	17:54	63-00.0S	142-19.1	4025	3.0	-3.0	11.2	11.65	2.05	33.91	7.37	.21
89/03/12	08:30	03/12	17:59	63-00.1S	142-21.5	4068	3.0	-3.0	10.8	11.65	2.05	33.91	7.35	.21
89/03/12	08:35	03/12	18:04	63-00.2S	142-23.9	4065	3.0	-3.0	11.2	11.72	2.05	33.91	7.32	.21
89/03/12	08:40	03/12	18:09	63-00.4S	142-26.2	4090	3.1	-3.0	11.4	11.65	2.05	33.91	7.36	.21
89/03/12	08:45	03/12	18:14	63-00.6S	142-28.1	4093	3.0	-3.0	11.0	11.65	2.05	33.81	7.36	.21
89/03/12	08:50	03/12	18:20	63-00.7S	142-30.8	4065	3.0	-3.0	11.4	11.65	1.97	33.86	7.35	.21
89/03/12	08:55	03/12	18:25	63-00.7S	142-33.3	4049	2.9	-3.0	11.4	11.65	1.88	33.92	7.34	.22
89/03/12	09:00	03/12	18:30	63-00.7S	142-35.7	4047	3.0	-3.0	11.0	11.85	1.88	33.82	7.32	.21
89/03/12	09:05	03/12	18:35	63-00.7S	142-38.1	4033	3.0	-3.0	10.9	11.72	1.88	33.92	7.35	.22
89/03/12	09:10	03/12	18:40	63-00.7S	142-40.4	4035	3.0	-3.0	11.2	11.85	1.88	33.92	7.38	.21
89/03/12	09:15	03/12	18:45	63-00.4S	142-42.5	4039	3.0	-3.0	10.8	11.65	1.88	33.82	7.38	.21
89/03/12	09:20	03/12	18:51	63-00.4S	142-45.3	4045	3.0	-3.0	10.9	11.72	1.88	33.82	7.39	.21
89/03/12	09:25	03/12	18:56	63-00.4S	142-47.2	4041	2.9	-3.0	10.6	11.65	1.88	33.82	7.36	.21
89/03/12	09:30	03/12	19:01	63-00.3S	142-50.0	4046	2.8	-3.0	11.3	11.65	1.88	33.82	7.33	.21
89/03/12	09:35	03/12	19:06	63-00.3S	142-52.4	4041	2.8	-3.0	11.2	11.65	1.88	33.82	7.28	.22
89/03/12	09:40	03/12	19:11	63-00.2S	142-54.8	4044	2.8	-3.0	11.1	11.65	1.88	33.82	7.21	.22
89/03/12	09:45	03/12	19:16	63-00.1S	142-56.9	4047	2.8	-3.0	11.2	11.72	1.80	33.87	7.20	.22
89/03/12	09:50	03/12	19:21	63-00.1S	142-59.2	4058	2.8	-3.0	11.3	11.65	1.88	33.82	7.20	.22
89/03/12	09:55	03/12	19:27	63-00.0S	143-01.6	4050	2.7	-3.0	11.2	11.65	1.88	33.82	7.21	.22
89/03/12	10:00	03/12	19:32	63-00.0S	143-04.0	4052	2.7	-3.0	11.0	11.65	1.88	33.82	7.22	.21
89/03/12	10:05	03/12	19:37	63-00.0S	143-06.4	4062	2.7	-3.0	11.4	11.65	1.88	33.92	7.21	.22
89/03/12	10:10	03/12	19:42	63-00.1S	143-08.8	4050	2.7	-3.0	11.4	11.65	1.88	33.92	7.21	.22
89/03/12	10:15	03/12	19:47	63-00.1S	143-11.2	4058	2.8	-3.0	11.2	11.65	1.88	33.92	7.20	.22
89/03/12	10:20	03/12	19:52	63-00.1S	143-13.7	4062	2.8	-3.0	11.2	11.65	1.88	33.92	7.21	.22
89/03/12	10:25	03/12	19:58	63-00.1S	143-16.1	4067	2.8	-3.0	11.3	11.65	1.88	33.92	7.26	.22
89/03/12	10:30	03/12	20:03	63-00.1S	143-18.4	4076	2.9	-3.0	11.1	11.65	1.97	33.86	7.27	.22
89/03/12	10:35	03/12	20:08	63-00.1S	143-20.8	4081	2.9	-3.0	11.0	11.65	1.88	33.92	7.23	.22
89/03/12	10:40	03/12	20:13	63-00.1S	143-23.2	4083	2.9	-3.0	11.1	11.65	1.88	33.82	7.26	.22
89/03/12	10:45	03/12	20:18	63-00.1S	143-25.6	4083	3.0	-3.0	10.9	11.65	1.88	33.82	7.33	.22
89/03/12	10:50	03/12	20:23	63-00.1S	143-28.4	4083	2.9	-3.0	10.7	11.65	1.80	33.87	7.31	.22
89/03/12	10:55	03/12	20:29	63-00.1S	143-30.3	4080	2.9	-3.0	11.0	11.65	1.71	33.93	7.35	.22
89/03/12	11:00	03/12	20:34	63-00.1S	143-32.7	4082	2.9	-3.0	11.0	11.65	1.71	33.82	7.30	.22
89/03/12	11:05	03/12	20:39	63-00.1S	143-35.5	4074	2.9	-3.0	11.2	11.65	1.71	33.82	7.25	.22
89/03/12	11:10	03/12	20:44	63-00.1S	143-37.4	4076	2.9	-3.0	9.8	11.65	1.63	33.88	7.16	.22
89/03/12	11:15	03/12	20:49	63-00.1S	143-40.0	4071	2.8	-3.0	10.3	11.65	1.54	33.84	7.12	.22
89/03/12	11:20	03/12	20:54	63-00.2S	143-41.7	4070	2.8	-3.0	10.0	11.65	1.46	33.89	7.12	.22
89/03/12	11:25	03/12	20:59	63-00.2S	143-44.3	4065	2.8	-3.0	9.8	11.65	1.46	33.89	7.12	.23
89/03/12	11:30	03/12	21:05	63-00.2S	143-46.0	4063	2.7	-3.0	10.1	11.65	1.37	33.84	7.13	.23
89/03/12	11:35	03/12	21:10	63-00.2S	143-48.2	4070	2.7	-3.0	10.0	11.65	1.29	33.89	7.16	.23
89/03/12	11:40	03/12	21:15	63-00.2S	143-50.4	4070	2.6	-3.0	9.9	11.65	1.21	33.95	7.15	.23
89/03/12	11:45	03/12	21:20	63-00.2S	143-52.6	4074	2.6	-3.0	9.8	11.65	1.21	33.95	7.19	.23
89/03/12	11:50	03/12	21:25	63-00.2S	143-54.7	4071	2.6	-3.0	10.0	11.65	1.29	33.89	7.24	.23
89/03/12	11:55	03/12	21:30	63-00.2S	143-56.9	4073	2.7	-3.0	9.8	11.65	1.21	33.95	7.21	.23
89/03/12	12:00	03/12	21:35	63-00.2S	143-59.0	4071	2.7	-3.0	9.7	11.65	1.21	33.85	7.22	.24
89/03/12	12:05	03/12	21:41	63-00.2S	144-01.1	4077	2.7	-3.0	10.2	11.72	1.11	33.90	7.24	.24
89/03/12	12:10	03/12	21:46	63-00.2S	144-03.4	4074	2.7	-3.0	9.8	11.65	1.21	33.85	7.26	.24
89/03/12	12:15	03/12	21:51	63-00.2S	144-05.5	4076	2.5	-3.0	9.9	11.65	1.21	33.95	7.31	.24
89/03/12	12:20	03/12	21:56	63-00.2S	144-07.7	4075	2.5	-3.0	9.5	11.65	1.29	33.89	7.31	.24
89/03/12	12:25	03/12	22:01	62-58.9S	144-07.3	4067	2.5	-3.0	10.2	11.65	1.29	33.89	7.33	.24

GMT		LMT		Lat	Long	Depth	A temp	W temp	Speed	Flow	W temp	Sal	Do	Chl
Date	Time	Date	Time			[m]	[°C]	[°C]	[Kt]	[l/m]	[°C]	[ppt]	[ml/l]	[ug/l]
89/03/12	12:30	03/12	22:06	62-58.9S	144-09.4	4070	2.5	-3.0	10.2	11.65	1.29	33.89	7.36	.24
89/03/12	12:35	03/12	22:11	62-58.8S	144-11.5	4057	2.5	-3.0	9.8	11.72	1.37	33.84	7.36	.24
89/03/12	12:40	03/12	22:16	62-58.9S	144-13.6	4053	2.4	-3.0	10.1	11.65	1.37	33.84	7.35	.24
89/03/12	12:45	03/12	22:22	62-58.8S	144-15.7	4050	2.3	-3.0	10.1	11.65	1.29	33.89	7.27	.24
89/03/12	12:50	03/12	22:27	62-58.9S	144-18.2	4053	2.2	-3.0	10.1	11.85	1.21	33.85	7.21	.24
89/03/12	12:55	03/12	22:32	62-58.9S	144-19.9	4041	2.1	-3.0	10.0	11.65	1.21	33.85	7.19	.24
89/03/12	13:00	03/12	22:37	62-58.9S	144-22.0	4040	2.0	-3.0	10.1	11.72	1.29	33.89	7.20	.23
89/03/12	13:05	03/12	22:42	62-58.8S	144-24.1	4062	2.0	-3.0	9.9	11.65	1.29	33.89	7.18	.24
89/03/12	13:10	03/12	22:47	62-58.8S	144-26.2	4056	1.9	-3.0	9.6	11.65	1.29	33.89	7.21	.24
89/03/12	13:15	03/12	22:52	62-58.8S	144-28.2	4044	1.8	-3.0	9.8	11.65	1.29	33.89	7.19	.24
89/03/12	13:20	03/12	22:58	62-58.8S	144-30.3	4041	1.8	-3.0	9.9	11.65	1.29	33.89	7.19	.24
89/03/12	13:25	03/12	23:03	62-58.8S	144-32.3	4037	1.8	-3.0	9.9	11.65	1.29	33.89	7.18	.24
89/03/12	13:30	03/12	23:08	62-58.8S	144-34.4	4035	2.0	-3.0	10.1	11.65	1.29	33.89	7.20	.24
89/03/12	13:35	03/12	23:13	62-58.8S	144-36.5	4033	2.1	-3.0	9.9	11.72	1.29	33.89	7.18	.24
89/03/12	13:40	03/12	23:18	62-58.8S	144-38.6	4027	2.2	-3.0	10.1	11.65	1.21	33.95	7.18	.24
89/03/12	13:45	03/12	23:23	62-58.8S	144-40.7	4020	2.3	-3.0	10.1	11.65	1.29	33.89	7.21	.24
89/03/12	13:50	03/12	23:28	62-58.8S	144-42.8	4020	2.3	-3.0	9.6	11.65	1.29	33.89	7.22	.24
89/03/12	13:55	03/12	23:33	62-58.8S	144-44.9	4017	2.2	-3.0	9.8	11.65	1.37	33.94	7.31	.24
89/03/12	14:00	03/12	23:39	62-58.8S	144-47.0	4017	2.2	-3.0	10.0	11.65	1.46	33.89	7.34	.24
89/03/12	14:05	03/12	23:44	62-58.8S	144-49.1	4021	2.2	-3.0	9.9	11.65	1.46	33.89	7.35	.24
89/03/12	14:10	03/12	23:49	62-58.8S	144-51.1	4022	2.2	-3.0	9.8	11.65	1.46	33.89	7.36	.24
89/03/12	14:15	03/12	23:54	62-58.8S	144-53.2	4050	2.2	-3.0	9.7	11.65	1.37	33.94	7.36	.24
89/03/12	14:20	03/12	23:59	62-58.8S	144-55.3	4071	2.2	-3.0	9.8	11.65	1.37	33.94	7.36	.24
89/03/12	14:25	03/13	00:04	62-58.8S	144-57.4	4055	2.2	-3.0	9.7	11.65	1.37	33.84	7.38	.24
89/03/12	14:30	03/13	00:09	62-58.8S	144-59.5	4034	2.3	-3.0	10.0	11.80	1.37	33.84	7.37	.24
89/03/12	14:35	03/13	00:15	62-58.8S	145-01.5	4018	2.3	-3.0	9.9	11.72	1.37	33.94	7.36	.23
89/03/12	14:40	03/13	00:20	62-58.8S	145-03.6	4015	2.3	-3.0	10.1	11.72	1.37	33.94	7.36	.23
89/03/12	14:45	03/13	00:25	62-58.8S	145-05.7	4010	2.4	-3.0	9.7	11.65	1.46	33.89	7.34	.23
89/03/12	14:50	03/13	00:30	62-58.8S	145-07.7	4005	2.4	-3.0	9.7	11.72	1.46	33.89	7.33	.23
89/03/12	14:55	03/13	00:35	62-58.8S	145-09.8	4006	2.4	-3.0	9.7	11.65	1.54	33.93	7.36	.23
89/03/12	15:00	03/13	00:40	62-58.8S	145-11.9	4002	2.4	-3.0	10.2	11.72	1.46	33.89	7.35	.23
89/03/12	15:05	03/13	00:45	62-58.7S	145-14.0	4004	2.4	-3.0	10.1	11.65	1.37	33.94	7.34	.23
89/03/12	15:10	03/13	00:51	62-58.8S	145-16.0	4001	2.4	-3.0	10.0	11.65	1.46	33.89	7.37	.23
89/03/12	15:15	03/13	00:56	62-58.7S	145-18.1	4004	2.4	-3.0	10.1	11.65	1.46	33.89	7.38	.23
89/03/12	15:20	03/13	01:01	62-58.7S	145-20.2	3997	2.4	-3.0	9.9	11.65	1.46	33.89	7.39	.23
89/03/12	15:25	03/13	01:06	62-58.7S	145-22.3	3994	2.4	-3.0	9.9	11.65	1.37	33.94	7.39	.23
89/03/12	15:30	03/13	01:11	62-58.7S	145-24.4	4000	2.4	-3.0	9.4	11.65	1.37	33.94	7.35	.23
89/03/12	15:35	03/13	01:16	62-58.7S	145-26.4	3992	2.4	-3.0	9.6	11.72	1.29	33.89	7.36	.23
89/03/12	15:40	03/13	01:21	62-58.7S	145-28.4	3990	2.4	-3.0	9.8	11.72	1.29	33.89	7.38	.23
89/03/12	15:45	03/13	01:27	62-58.7S	145-30.4	3990	2.4	-3.0	9.5	11.72	1.29	33.89	7.37	.23
89/03/12	15:50	03/13	01:32	62-58.7S	145-32.5	3988	2.4	-3.0	9.9	11.72	1.37	33.94	7.35	.23
89/03/12	15:55	03/13	01:37	62-58.7S	145-34.6	3986	2.4	-3.0	10.0	11.72	1.37	33.84	7.31	.24
89/03/12	16:00	03/13	01:42	62-58.7S	145-36.7	3984	2.4	-3.0	9.7	11.65	1.37	33.84	7.28	.24
89/03/12	16:05	03/13	01:47	62-58.7S	145-38.7	3980	2.4	-3.0	9.9	11.65	1.29	33.89	7.24	.24
89/03/12	16:10	03/13	01:52	63-00.9S	145-35.0	3982	2.3	-3.0	10.0	11.65	1.29	33.89	7.27	.24
89/03/12	16:15	03/13	01:57	63-00.9S	145-37.0	3980	2.3	-3.0	9.6	11.72	1.29	33.89	7.28	.24
89/03/12	16:20	03/13	02:02	63-00.9S	145-38.9	3985	2.3	-3.0	9.6	11.72	1.46	33.89	7.34	.23
89/03/12	16:25	03/13	02:07	63-01.0S	145-40.9	3987	2.3	-3.0	11.0	11.85	1.46	33.89	7.37	.23
89/03/12	16:30	03/13	02:12	63-01.0S	145-43.1	3987	2.3	-3.0	10.7	11.65	1.46	33.89	7.38	.23
89/03/12	16:35	03/13	02:18	63-01.0S	145-45.2	3982	2.3	-3.0	11.2	11.72	1.37	33.94	7.37	.24
89/03/12	16:40	03/13	02:23	63-01.0S	145-47.4	3987	2.3	-3.0	11.2	11.72	1.37	33.94	7.41	.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]
89/03/12	16:45	03/13	02:28	63-01.0S	145-49.6	3989	2.3	-3.0	10.8	11.72	1.46	33.89	7.44	.24
89/03/12	16:50	03/13	02:33	63-01.0S	145-51.7	4008	2.3	-3.0	11.2	11.72	1.46	33.89	7.46	.24
89/03/12	16:55	03/13	02:38	63-01.0S	145-53.9	3994	2.2	-3.0	11.1	11.72	1.46	33.89	7.42	.23
89/03/12	17:00	03/13	02:43	63-01.0S	145-56.0	3990	2.2	-3.0	11.1	11.72	1.46	33.89	7.42	.23
89/03/12	17:05	03/13	02:48	63-01.0S	145-58.3	3987	2.0	-3.0	11.0	11.72	1.46	33.89	7.34	.23
89/03/12	17:10	03/13	02:54	63-01.0S	146-00.5	3983	1.9	-3.0	11.0	11.65	1.46	33.89	7.33	.23
89/03/12	17:15	03/13	02:59	63-01.0S	146-02.6	3984	2.0	-3.0	11.2	11.72	1.46	33.89	7.32	.23
89/03/12	17:20	03/13	03:04	63-01.0S	146-04.9	3978	2.1	-3.0	11.1	11.72	1.46	33.89	7.30	.23
89/03/12	17:25	03/13	03:09	63-01.0S	146-07.0	3976	2.1	-3.0	11.2	12.41	1.37	33.94	7.30	.24
89/03/12	17:30	03/13	03:14	63-01.0S	146-09.2	3978	2.1	-3.0	11.3	12.41	1.37	33.94	7.31	.24
89/03/12	17:35	03/13	03:19	63-01.0S	146-11.3	3973	2.1	-3.0	11.3	12.18	1.46	33.89	7.36	.24
89/03/12	17:40	03/13	03:24	63-01.0S	146-13.6	3976	2.2	-3.0	11.0	12.18	1.46	33.89	7.37	.24
89/03/12	17:45	03/13	03:30	63-00.9S	146-15.7	3974	2.2	-3.0	11.1	12.03	1.46	33.89	7.38	.23
89/03/12	17:50	03/13	03:35	63-00.9S	146-17.9	3982	2.2	-3.0	11.1	12.03	1.46	33.89	7.40	.24
89/03/12	17:55	03/13	03:40	63-01.1S	146-19.6	3981	2.2	-3.0	11.3	12.03	1.46	33.89	7.41	.24
89/03/12	18:00	03/13	03:45	63-01.1S	146-21.8	3974	2.2	-3.0	11.1	12.10	1.46	33.89	7.42	.24
89/03/12	18:05	03/13	03:50	63-01.1S	146-24.0	3974	2.3	-3.0	11.1	12.03	1.46	33.89	7.40	.24
89/03/12	18:10	03/13	03:55	63-01.1S	146-26.2	3975	2.3	-3.0	11.0	12.03	1.46	33.89	7.42	.23
89/03/12	18:15	03/13	04:00	63-01.1S	146-28.3	3975	2.3	-3.0	11.1	12.03	1.46	33.89	7.38	.23
89/03/12	18:20	03/13	04:06	63-01.1S	146-30.5	3973	2.3	-3.0	11.4	12.10	1.46	33.89	7.36	.23
89/03/12	18:25	03/13	04:11	63-01.1S	146-32.6	3995	2.3	-3.0	11.0	12.03	1.46	33.89	7.38	.24
89/03/12	18:30	03/13	04:16	63-01.1S	146-35.2	3972	2.4	-3.0	11.1	12.03	1.46	33.89	7.39	.23
89/03/12	18:35	03/13	04:21	63-01.1S	146-37.4	3972	2.4	-3.0	11.1	12.03	1.46	33.89	7.37	.23
89/03/12	18:40	03/13	04:26	63-01.1S	146-39.5	3975	2.4	-3.0	11.0	12.03	1.46	33.89	7.37	.23
89/03/12	18:45	03/13	04:31	63-01.1S	146-41.7	3976	2.4	-3.0	11.3	11.95	1.46	33.89	7.38	.23
89/03/12	18:50	03/13	04:36	63-01.1S	146-43.9	3978	2.4	-3.0	11.1	11.95	1.46	33.89	7.39	.23
89/03/12	18:55	03/13	04:42	63-01.1S	146-46.1	3984	2.3	-3.0	11.1	12.03	1.37	33.94	7.42	.23
89/03/12	19:00	03/13	04:47	63-01.1S	146-48.2	3994	2.3	-3.0	11.0	12.03	1.46	33.89	7.44	.23
89/03/12	19:05	03/13	04:52	63-01.1S	146-50.5	3991	2.4	-3.0	11.0	11.95	1.46	33.89	7.41	.23
89/03/12	19:10	03/13	04:57	63-01.1S	146-52.6	3983	2.4	-3.0	11.1	12.03	1.46	33.89	7.37	.23
89/03/12	19:15	03/13	05:02	63-01.1S	146-54.8	3981	2.4	-3.0	11.1	12.03	1.46	33.89	7.35	.23
89/03/12	19:20	03/13	05:07	63-01.1S	146-57.0	3982	2.4	-3.0	11.1	12.03	1.54	33.93	7.36	.23
89/03/12	19:25	03/13	05:12	63-01.1S	146-59.2	3978	2.4	-3.0	11.2	11.95	1.54	33.93	7.35	.23
89/03/12	19:30	03/13	05:18	63-01.3S	147-01.9	3982	2.4	-3.0	10.8	11.95	1.46	33.89	7.32	.23
89/03/12	19:35	03/13	05:23	63-01.3S	147-04.1	3992	2.4	-3.0	10.3	12.03	1.37	33.94	7.31	.23
89/03/12	19:40	03/13	05:28	63-01.3S	147-06.1	3990	2.5	-3.0	9.9	12.03	1.37	33.94	7.32	.24
89/03/12	19:45	03/13	05:33	63-01.3S	147-08.0	3985	2.5	-3.0	10.0	12.03	1.37	33.94	7.35	.24
89/03/12	19:50	03/13	05:38	63-01.3S	147-10.0	3984	2.5	-3.0	9.7	11.95	1.37	33.84	7.33	.24
89/03/12	19:55	03/13	05:43	63-01.3S	147-11.9	3989	2.5	-3.0	9.8	12.03	1.37	33.94	7.36	.24
89/03/12	20:00	03/13	05:48	63-01.3S	147-13.9	3985	2.5	-3.0	9.6	12.03	1.46	33.89	7.43	.24
89/03/12	20:05	03/13	05:54	63-01.3S	147-15.9	4006	2.5	-3.0	9.8	12.03	1.54	33.84	7.47	.24
89/03/12	20:10	03/13	05:59	63-01.3S	147-17.9	3984	2.5	-3.0	9.5	12.03	1.46	33.89	7.43	.24
89/03/12	20:15	03/13	06:04	63-01.3S	147-19.8	3988	2.5	-3.0	9.9	11.95	1.46	33.89	7.40	.24
89/03/12	20:20	03/13	06:09	63-01.3S	147-21.8	3985	2.5	-3.0	10.1	12.03	1.46	33.89	7.38	.24
89/03/12	20:25	03/13	06:14	63-01.3S	147-23.8	3984	2.4	-3.0	9.8	12.03	1.46	33.89	7.33	.24
89/03/12	20:30	03/13	06:19	63-01.3S	147-25.7	3983	2.4	-3.0	9.8	11.95	1.46	33.89	7.34	.24
89/03/12	20:35	03/13	06:24	63-01.3S	147-27.7	3978	2.4	-3.0	9.4	12.03	1.37	33.94	7.31	.24
89/03/12	20:40	03/13	06:29	63-01.3S	147-29.7	3973	2.5	-3.0	9.8	12.03	1.37	33.94	7.32	.24
89/03/12	20:45	03/13	06:35	63-01.3S	147-31.7	3975	2.5	-3.0	9.7	12.03	1.46	33.89	7.38	.24
89/03/12	20:50	03/13	06:40	63-01.3S	147-33.7	3975	2.5	-3.0	9.5	12.03	1.46	33.89	7.38	.24
89/03/12	20:55	03/13	06:45	63-01.3S	147-35.6	3973	2.5	-3.0	9.7	11.95	1.46	33.89	7.40	.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]
89/03/12	21:00	03/13	06:50	63-01.3S	147-37.6	3973	2.5	-3.0	9.9	12.03	1.46	33.89	7.40	.24
89/03/12	21:05	03/13	06:55	63-01.3S	147-39.5	3971	2.5	-3.0	9.8	11.95	1.46	33.89	7.43	.24
89/03/12	21:10	03/13	07:00	63-01.3S	147-41.5	3967	2.5	-3.0	9.8	12.03	1.46	33.89	7.43	.24
89/03/12	21:15	03/13	07:05	63-01.4S	147-44.3	3962	2.5	-3.0	9.3	11.95	1.54	33.93	7.44	.23
89/03/12	21:20	03/13	07:11	63-01.4S	147-46.3	3963	2.5	-3.0	9.6	12.03	1.46	33.89	7.41	.24
89/03/12	21:25	03/13	07:16	63-01.4S	147-48.2	3957	2.5	-3.0	9.7	11.95	1.46	33.89	7.34	.23
89/03/12	21:30	03/13	07:21	63-01.4S	147-50.2	3956	2.5	-3.0	9.8	11.95	1.46	33.89	7.32	.24
89/03/12	21:35	03/13	07:26	63-01.4S	147-52.2	3953	2.5	-3.0	10.1	12.03	1.37	33.94	7.30	.24
89/03/12	21:40	03/13	07:31	63-01.4S	147-54.2	3965	2.6	-3.0	9.7	12.03	1.37	33.94	7.31	.24
89/03/12	21:45	03/13	07:36	63-01.4S	147-56.4	3952	2.6	-3.0	10.1	12.03	1.37	33.94	7.31	.24
89/03/12	21:50	03/13	07:41	63-01.5S	147-58.4	3951	2.6	-3.0	9.9	12.03	1.29	33.89	7.32	.24
89/03/12	21:55	03/13	07:47	63-01.5S	148-00.5	3956	2.6	-3.0	9.8	11.95	1.29	33.89	7.34	.24
89/03/12	22:00	03/13	07:52	63-01.5S	148-02.5	3963	2.6	-3.0	9.6	11.95	1.37	33.94	7.37	.24
89/03/12	22:05	03/13	07:57	63-01.5S	148-04.4	3958	2.6	-3.0	9.8	11.95	1.37	33.84	7.37	.24
89/03/12	22:10	03/13	08:02	63-01.5S	148-06.5	3958	2.6	-3.0	9.9	11.95	1.29	33.89	7.38	.24
89/03/12	22:15	03/13	08:07	63-01.4S	148-08.5	3950	2.5	-3.0	10.0	11.95	1.37	33.84	7.39	.24
89/03/12	22:20	03/13	08:12	63-01.5S	148-10.4	3950	2.5	-3.0	9.6	12.03	1.37	33.94	7.40	.24
89/03/12	22:25	03/13	08:17	63-01.5S	148-12.4	3939	2.5	-3.0	9.7	12.03	1.46	33.89	7.46	.24
89/03/12	22:30	03/13	08:22	63-01.5S	148-14.4	3942	2.5	-3.0	9.7	12.03	1.46	33.89	7.42	.24
89/03/12	22:35	03/13	08:28	63-01.5S	148-16.4	3931	2.5	-3.0	9.8	12.03	1.46	33.89	7.38	.24
89/03/12	22:40	03/13	08:33	63-01.5S	148-18.4	3934	2.5	-3.0	9.9	12.03	1.46	33.89	7.32	.24
89/03/12	22:45	03/13	08:38	63-01.5S	148-20.4	3933	2.5	-3.0	9.7	12.03	1.46	33.89	7.30	.24
89/03/12	22:50	03/13	08:43	63-01.5S	148-22.4	3937	2.5	-3.0	9.9	12.03	1.46	33.89	7.32	.24
89/03/12	22:55	03/13	08:48	63-01.5S	148-24.4	3935	2.5	-3.0	9.6	12.03	1.46	33.89	7.31	.24
89/03/12	23:00	03/13	08:53	63-01.5S	148-26.4	3943	2.4	-3.0	9.7	12.03	1.37	33.84	7.32	.24
89/03/12	23:05	03/13	08:58	63-01.7S	148-28.6	3932	2.4	-3.0	9.6	12.03	1.37	33.84	7.32	.24
89/03/12	23:10	03/13	09:04	63-01.7S	148-30.5	3933	2.4	-3.0	9.7	12.03	1.37	33.84	7.31	.24
89/03/12	23:15	03/13	09:09	63-01.7S	148-32.5	3945	2.4	-3.0	9.9	12.03	1.37	33.84	7.35	.24
89/03/12	23:20	03/13	09:14	63-01.7S	148-34.5	3940	2.4	-3.0	9.8	12.03	1.37	33.84	7.39	.24
89/03/12	23:25	03/13	09:19	63-01.7S	148-36.5	3942	2.4	-3.0	9.6	12.03	1.37	33.84	7.41	.24
89/03/12	23:30	03/13	09:24	63-01.7S	148-38.5	3945	2.4	-3.0	9.9	12.03	1.29	33.89	7.40	.24
89/03/12	23:35	03/13	09:29	63-01.7S	148-40.5	3956	2.3	-3.0	9.9	12.03	1.29	33.89	7.39	.24
89/03/12	23:40	03/13	09:34	63-01.7S	148-42.5	3964	2.3	-3.0	9.2	12.03	1.29	33.89	7.44	.24
89/03/12	23:45	03/13	09:39	63-01.7S	148-44.5	3963	2.3	-3.0	9.9	12.03	1.29	33.89	7.41	.24
89/03/12	23:50	03/13	09:45	63-01.7S	148-46.4	3937	2.3	-3.0	9.5	12.03	1.29	33.89	7.34	.24
89/03/12	23:55	03/13	09:50	63-01.8S	148-48.5	3923	2.4	-3.0	9.8	12.03	1.21	33.85	7.27	.24
89/03/13	00:00	03/13	09:55	63-01.8S	148-50.5	3877	2.4	-3.0	9.1	11.95	1.11	33.90	7.24	.24
89/03/13	00:05	03/13	10:00	63-01.8S	148-52.4	3869	2.4	-3.0	9.4	12.03	1.11	33.90	7.23	.24
89/03/13	00:10	03/13	10:05	63-01.8S	148-54.4	3858	2.4	-3.0	9.8	11.95	1.11	33.90	7.26	.24
89/03/13	00:15	03/13	10:10	63-01.8S	148-56.4	3917	2.4	-3.0	9.7	11.95	1.11	33.90	7.28	.24
89/03/13	00:20	03/13	10:15	63-01.9S	148-58.4	3922	2.4	-3.0	9.5	11.95	1.03	33.86	7.33	.24
89/03/13	00:25	03/13	10:21	63-01.9S	149-00.4	3916	2.4	-3.0	9.5	11.95	.94	33.91	7.24	.25
89/03/13	00:30	03/13	10:26	63-01.9S	149-02.3	3909	2.4	-3.0	9.3	11.95	.86	33.86	7.26	.25
89/03/13	00:35	03/13	10:31	63-01.9S	149-04.3	3900	2.4	-3.0	9.8	11.95	.77	33.92	7.28	.25
89/03/13	00:40	03/13	10:36	63-01.9S	149-06.2	3897	2.4	-3.0	9.7	11.95	.77	33.92	7.33	.25
89/03/13	00:45	03/13	10:41	63-01.9S	149-08.2	3903	2.4	-3.0	9.7	11.95	.94	33.81	7.38	.25
89/03/13	00:50	03/13	10:46	63-01.9S	149-10.1	3906	2.4	-3.0	9.5	11.95	.94	33.91	7.42	.25
89/03/13	00:55	03/13	10:51	63-01.9S	149-13.6	3907	2.4	-3.0	9.6	11.95	1.03	33.86	7.40	.25
89/03/13	01:00	03/13	10:57	63-01.9S	149-15.7	3908	2.4	-3.0	9.9	11.95	1.03	33.86	7.41	.25
89/03/13	01:05	03/13	11:02	63-01.9S	149-17.7	3904	2.4	-3.0	9.5	11.95	1.03	33.86	7.39	.25
89/03/13	01:10	03/13	11:07	63-02.0S	149-19.7	3906	2.3	-3.0	9.7	11.95	1.03	33.86	7.35	.25



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]
89/03/13	01:16	03/13	11:12	63-02.0S	149-21.7	3897	2.3	-3.0	9.6	11.95	.94	33.91	7.33	.25
89/03/13	01:20	03/13	11:17	63-02.0S	149-23.9	3902	2.3	-3.0	9.7	11.95	.94	33.91	7.30	.25
89/03/13	01:25	03/13	11:22	63-02.0S	149-26.0	3898	2.3	-3.0	9.7	11.95	.94	33.91	7.32	.25
89/03/13	01:30	03/13	11:27	63-02.0S	149-28.0	3872	2.3	-3.0	9.6	11.95	.94	33.91	7.32	.25
89/03/13	01:35	03/13	11:33	63-02.0S	149-30.1	3848	2.3	-3.0	9.3	11.95	.86	33.96	7.31	.25
89/03/13	01:40	03/13	11:38	63-02.0S	149-32.1	3881	2.3	-3.0	9.8	11.95	.86	33.86	7.31	.25
89/03/13	01:45	03/13	11:43	63-02.0S	149-34.1	3812	2.3	-3.0	9.6	12.03	.77	33.92	7.31	.25
89/03/13	01:50	03/13	11:48	63-01.9S	149-36.7	3700	2.3	-3.0	9.2	11.95	.77	33.92	7.35	.25
89/03/13	01:55	03/13	11:53	63-02.0S	149-38.8	3635	2.3	-3.0	9.6	11.95	.77	33.92	7.31	.25
89/03/13	02:00	03/13	11:58	63-02.0S	149-40.8	3921	2.3	-3.0	9.6	11.95	.77	33.92	7.32	.25
89/03/13	02:05	03/13	12:03	63-02.0S	149-43.3	3907	2.3	-3.0	10.0	11.95	.77	33.92	7.34	.26
89/03/13	02:10	03/13	12:09	63-02.0S	149-45.4	3910	2.3	-3.0	9.7	12.03	.77	33.92	7.36	.25
89/03/13	02:15	03/13	12:14	63-02.0S	149-47.5	3934	2.3	-3.0	9.6	11.95	.77	33.92	7.33	.26
89/03/13	02:20	03/13	12:19	63-02.0S	149-49.5	3882	2.3	-3.0	9.1	11.95	.77	33.92	7.28	.26
89/03/13	02:25	03/13	12:24	63-02.0S	149-51.5	3903	2.3	-3.0	9.2	11.95	.77	33.92	7.23	.26
89/03/13	02:30	03/13	12:29	63-02.0S	149-53.5	3895	2.3	-3.0	9.6	11.95	.69	33.97	7.19	.26
89/03/13	02:35	03/13	12:34	63-02.0S	149-55.6	3884	2.3	-3.0	9.2	11.95	.77	33.92	7.23	.26
89/03/13	02:40	03/13	12:39	63-02.0S	149-57.6	3869	2.3	-3.0	9.4	11.95	.77	33.92	7.23	.26
89/03/13	02:45	03/13	12:44	63-02.0S	149-59.6	3876	2.3	-3.0	9.4	11.95	.77	33.92	7.24	.26
89/03/13	02:50	03/13	12:50	63-01.8S	150-01.1	3864	2.1	-3.0	6.8	11.95	.77	33.92	7.22	.26
89/03/13	02:55	03/13	12:55	63-01.7S	150-01.2	3900	2.3	-3.0	0.0	11.95	.77	33.92	7.25	.26
89/03/13	03:00	03/13	13:00	63-01.8S	150-01.4	3859	3.1	-3.0	.6	11.95	.77	33.92	7.23	.27
89/03/13	03:05	03/13	13:05	63-01.9S	150-01.7	3859	3.5	-3.0	.8	11.95	.77	33.92	7.17	.26
89/03/13	03:10	03/13	13:10	63-01.9S	150-01.9	3858	3.6	-3.0	.6	11.95	.86	33.86	7.10	.26
89/03/13	03:15	03/13	13:15	63-02.0S	150-02.1	3857	3.6	-3.0	.4	11.95	.77	33.92	7.00	.26
89/03/13	03:20	03/13	13:20	63-02.0S	150-02.1	3855	3.7	-3.0	.6	12.03	.77	33.92	6.95	.26
89/03/13	03:25	03/13	13:25	63-02.0S	150-02.3	3855	3.8	-3.0	.3	12.03	.77	33.92	6.91	.26
89/03/13	03:30	03/13	13:30	63-02.1S	150-02.5	3854	3.8	-3.0	.4	12.03	.77	33.92	6.87	.26
89/03/13	03:35	03/13	13:35	63-02.2S	150-02.8	3852	3.7	-3.0	.6	12.03	.77	33.92	6.90	.27
89/03/13	03:40	03/13	13:40	63-02.2S	150-03.0	3852	3.8	-3.0	.6	12.03	.77	33.92	6.90	.27
89/03/13	03:45	03/13	13:45	63-02.3S	150-03.2	3851	3.8	-3.0	.4	12.03	.77	33.92	6.92	.27
89/03/13	03:50	03/13	13:50	63-02.4S	150-03.4	3850	3.8	-3.0	.4	12.03	.77	33.92	6.91	.27
89/03/13	03:55	03/13	13:55	63-02.5S	150-03.7	3848	3.7	-3.0	.2	12.03	.77	33.92	6.95	.27
89/03/13	04:00	03/13	14:00	63-02.6S	150-03.8	3847	2.4	-3.0	.6	12.03	.77	33.92	6.95	.27
89/03/13	04:05	03/13	14:05	63-02.6S	150-04.1	3847	2.4	-3.0	.6	12.03	.77	33.92	6.95	.27
89/03/13	04:10	03/13	14:10	63-02.6S	150-04.3	3846	2.4	-3.0	.6	12.03	.77	33.92	6.96	.27
89/03/13	04:15	03/13	14:15	63-02.7S	150-04.5	3845	2.3	-3.0	.4	12.03	.77	33.92	6.96	.28
89/03/13	04:20	03/13	14:20	63-02.8S	150-04.7	3844	2.3	-3.0	.4	12.03	.77	33.92	6.96	.27
89/03/13	04:25	03/13	14:25	63-02.9S	150-04.9	3844	2.3	-3.0	.6	12.03	.77	33.92	6.97	.27
89/03/13	04:30	03/13	14:30	63-02.9S	150-05.2	3843	2.2	-3.0	.7	12.03	.77	33.92	6.97	.27
89/03/13	04:35	03/13	14:35	63-03.0S	150-05.3	3849	2.1	-3.0	.6	12.03	.69	33.87	6.99	.27
89/03/13	04:40	03/13	14:40	63-03.1S	150-05.6	3842	2.0	-3.0	.6	12.10	.69	33.87	6.97	.27
89/03/13	04:45	03/13	14:45	63-03.1S	150-05.8	3842	1.9	-3.0	.3	12.03	.69	33.87	6.97	.27
89/03/13	04:50	03/13	14:50	63-03.2S	150-06.0	3842	1.9	-3.0	.4	12.03	.69	33.87	6.97	.27
89/03/13	04:55	03/13	14:55	63-03.8S	150-02.9	3840	1.8	-3.0	.4	12.03	.69	33.87	6.98	.27
89/03/13	05:00	03/13	15:00	63-03.9S	150-03.0	3839	1.6	-3.0	.4	12.03	.77	33.82	6.98	.27
89/03/13	05:05	03/13	15:05	63-04.0S	150-03.1	3837	1.6	-3.0	.3	12.03	.77	33.82	6.95	.27
89/03/13	05:10	03/13	15:10	63-04.1S	150-03.2	3837	1.6	-3.0	.4	12.03	.77	33.82	6.92	.28
89/03/13	05:15	03/13	15:15	63-04.4S	150-03.4	3836	1.6	-3.0	.6	12.10	.69	33.87	6.87	.28
89/03/13	05:20	03/13	15:20	63-04.6S	150-03.4	3836	1.6	-3.0	.6	12.03	.69	33.87	6.83	.28
89/03/13	05:25	03/13	15:25	63-04.6S	150-03.5	3834	1.4	-3.0	.6	12.03	.69	33.87	6.84	.28

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]
89/03/13	06:30	03/13	15:30	63-04.7S	150-03.6	3838	1.4	-3.0	.4	12.03	.69	33.87	6.86	.28
89/03/13	06:35	03/13	15:35	63-04.8S	150-03.7	3841	1.4	-3.0	.4	12.03	.69	33.87	6.86	.28
89/03/13	06:40	03/13	15:40	63-04.9S	150-03.8	3843	1.5	-3.0	.2	12.03	.69	33.87	6.87	.28
89/03/13	06:45	03/13	15:45	63-05.0S	150-03.9	3847	1.5	-3.0	.3	12.03	.69	33.87	6.90	.28
89/03/13	06:50	03/13	15:50	63-05.0S	150-04.0	3851	1.5	-3.0	.4	12.03	.77	33.82	6.90	.28
89/03/13	06:55	03/13	15:55	63-05.1S	150-04.1	3852	1.5	-3.0	.3	12.03	.69	33.87	6.92	.28
89/03/13	06:00	03/13	16:00	63-05.2S	150-04.2	3854	1.5	-3.0	.4	12.03	.89	33.87	6.96	.28
89/03/13	06:05	03/13	16:05	63-05.3S	150-04.1	0	1.7	-3.0	2.2	12.10	.77	33.82	6.97	.28
89/03/13	06:10	03/13	16:10	63-05.2S	150-04.0	3852	1.7	-3.0	4.0	12.10	.77	33.82	6.98	.28
89/03/13	06:15	03/13	16:15	63-04.7S	150-04.0	3837	1.7	-3.0	6.9	12.03	.77	33.92	7.01	.28
89/03/13	06:20	03/13	16:20	63-04.1S	150-03.9	3860	1.9	-3.0	8.9	12.03	.86	33.86	7.03	.28
89/03/13	06:25	03/13	16:25	63-03.4S	150-03.7	3849	2.2	-3.0	10.6	12.03	.86	33.86	7.06	.28
89/03/13	06:30	03/13	16:29	63-02.3S	149-59.7	3855	2.4	-3.0	11.1	12.03	.86	33.86	7.01	.27
89/03/13	06:35	03/13	16:34	63-01.4S	149-59.3	3862	2.6	-3.0	11.5	12.03	.86	33.86	7.00	.28
89/03/13	06:40	03/13	16:39	63-00.5S	149-59.0	3869	2.6	-3.0	11.5	12.03	.86	33.86	7.02	.27
89/03/13	06:45	03/13	16:44	62-59.7S	149-58.6	3865	2.6	-3.0	11.0	12.03	.86	33.86	6.90	.27
89/03/13	06:50	03/13	16:49	62-58.8S	149-58.3	3872	2.6	-3.0	11.1	12.03	.86	33.86	6.90	.27
89/03/13	06:55	03/13	16:54	62-58.0S	149-58.0	3863	2.5	-3.0	10.7	12.03	.77	33.92	6.88	.28
89/03/13	07:00	03/13	16:59	62-57.1S	149-57.7	3849	2.2	-3.0	11.4	12.03	.77	33.92	6.93	.28
89/03/13	07:05	03/13	17:04	62-56.2S	149-57.5	3858	2.1	-3.0	10.9	12.03	.77	33.92	6.98	.28
89/03/13	07:10	03/13	17:09	62-55.4S	149-57.5	3864	2.0	-3.0	10.7	11.95	.77	33.92	7.07	.28
89/03/13	07:15	03/13	17:14	62-54.5S	149-57.6	3826	1.9	-3.0	11.0	12.03	.69	33.87	7.13	.28
89/03/13	07:20	03/13	17:19	62-53.7S	149-57.6	3770	1.9	-3.0	10.9	12.03	.69	33.87	7.21	.28
89/03/13	07:25	03/13	17:24	62-52.0S	149-59.9	3790	1.9	-3.0	10.9	11.95	.69	33.87	7.21	.28
89/03/13	07:30	03/13	17:30	62-51.1S	150-00.1	3807	1.9	-3.0	10.6	11.95	.77	33.92	7.22	.28
89/03/13	07:35	03/13	17:35	62-50.2S	150-00.2	3841	2.0	-3.0	10.6	12.03	.77	33.92	7.24	.27
89/03/13	07:40	03/13	17:40	62-49.4S	150-00.3	3846	2.0	-3.0	10.8	12.03	.86	33.86	7.30	.27
89/03/13	07:45	03/13	17:45	62-48.5S	150-00.4	3820	2.1	-3.0	10.6	11.95	.77	33.92	7.32	.28
89/03/13	07:50	03/13	17:50	62-47.6S	150-00.5	3785	2.0	-3.0	10.9	11.95	.86	33.86	7.35	.28
89/03/13	07:55	03/13	17:55	62-46.7S	150-00.7	3820	2.0	-3.0	10.6	11.95	.94	33.81	7.41	.27
89/03/13	08:00	03/13	18:00	62-45.9S	150-00.7	3802	1.9	-3.0	10.1	11.95	1.03	33.86	7.49	.27
89/03/13	08:05	03/13	18:05	62-45.1S	150-00.8	3847	1.9	-3.0	10.6	12.03	1.03	33.86	7.50	.27
89/03/13	08:10	03/13	18:10	62-44.2S	150-01.0	3858	1.9	-3.0	11.3	11.95	1.03	33.86	7.45	.27
89/03/13	08:15	03/13	18:15	62-43.3S	150-01.0	3843	1.9	-3.0	11.2	11.95	.94	33.81	7.36	.27
89/03/13	08:20	03/13	18:20	62-42.4S	150-01.1	3860	2.0	-3.0	11.1	11.95	.94	33.81	7.32	.27
89/03/13	08:25	03/13	18:25	62-40.1S	150-00.4	3788	2.1	-3.0	11.4	11.95	.77	33.92	7.26	.27
89/03/13	08:30	03/13	18:30	62-39.1S	150-00.5	3770	2.1	-3.0	11.3	11.88	.86	33.86	7.27	.27
89/03/13	08:35	03/13	18:35	62-38.2S	150-00.5	3832	2.2	-3.0	10.9	11.95	1.03	33.86	7.31	.27
89/03/13	08:40	03/13	18:40	62-37.2S	150-00.6	3858	2.2	-3.0	11.1	11.95	1.03	33.86	7.36	.27
89/03/13	08:45	03/13	18:45	62-36.2S	150-00.7	3867	2.3	-3.0	11.2	11.95	1.11	33.81	7.38	.27
89/03/13	08:50	03/13	18:50	62-35.2S	150-01.6	3867	2.3	-3.0	11.5	11.95	1.11	33.81	7.37	.27
89/03/13	08:55	03/13	18:55	62-34.3S	150-01.6	3919	2.2	-3.0	11.4	11.95	1.11	33.90	7.33	.27
89/03/13	09:00	03/13	19:00	62-33.2S	150-01.7	3924	2.3	-3.0	11.8	11.95	1.03	33.86	7.28	.27
89/03/13	09:05	03/13	19:05	62-32.3S	150-01.9	3973	2.3	-3.0	11.4	11.95	1.11	33.81	7.23	.27
89/03/13	09:10	03/13	19:10	62-31.3S	150-01.9	3958	2.3	-3.0	12.1	11.95	1.21	33.85	7.21	.26
89/03/13	09:15	03/13	19:15	62-30.3S	150-02.0	3925	2.4	-3.0	11.3	11.95	1.21	33.85	7.26	.26
89/03/13	09:20	03/13	19:20	62-29.3S	150-02.1	3897	2.4	-3.0	12.1	12.03	1.11	33.90	7.25	.27
89/03/13	09:25	03/13	19:25	62-28.3S	150-02.2	3894	2.4	-3.0	11.4	12.03	1.21	33.85	7.31	.26
89/03/13	09:30	03/13	19:30	62-27.4S	150-02.3	3951	2.4	-3.0	12.0	11.95	1.11	33.90	7.31	.27
89/03/13	09:35	03/13	19:35	62-26.3S	150-02.4	4008	2.4	-3.0	11.4	12.03	1.11	33.90	7.32	.26
89/03/13	09:40	03/13	19:40	62-25.4S	150-02.5	4010	2.4	-3.0	11.6	12.03	1.29	33.89	7.35	.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]
89/03/13	09:45	03/13	19:45	62-24.4S	150-02.6	4036	2.5	-3.0	11.6	12.03	1.29	33.89	7.30	.26
89/03/13	09:50	03/13	19:50	62-23.3S	150-02.6	4022	2.5	-3.0	11.9	12.03	1.29	33.89	7.25	.26
89/03/13	09:55	03/13	19:55	62-22.3S	150-02.8	4048	2.5	-3.0	11.6	12.10	1.29	33.80	7.24	.26
89/03/13	10:00	03/13	20:00	62-21.4S	150-02.9	3826	2.5	-3.0	11.5	12.10	1.29	33.89	7.22	.26
89/03/13	10:05	03/13	20:05	62-20.3S	150-02.9	3806	2.5	-3.0	12.2	12.03	1.29	33.89	7.22	.26
89/03/13	10:10	03/13	20:10	62-19.3S	150-03.1	3731	2.5	-3.0	11.4	12.03	1.29	33.89	7.24	.26
89/03/13	10:15	03/13	20:15	62-18.4S	150-03.2	3643	2.8	-3.0	11.9	12.03	1.29	33.89	7.26	.26
89/03/13	10:20	03/13	20:20	62-17.3S	150-03.2	3923	2.6	-3.0	11.7	12.03	1.37	33.84	7.31	.26
89/03/13	10:25	03/13	20:25	62-16.4S	150-03.4	3945	2.6	-3.0	10.3	12.03	1.37	33.84	7.32	.26
89/03/13	10:30	03/13	20:30	62-15.6S	150-03.4	3823	2.6	-3.0	10.7	11.95	1.37	33.84	7.27	.26
89/03/13	10:35	03/13	20:35	62-15.0S	150-00.3	3713	2.6	-3.0	9.9	12.03	1.37	33.84	7.20	.26
89/03/13	10:40	03/13	20:40	62-14.2S	150-00.2	3752	2.6	-3.0	10.3	12.03	1.37	33.84	7.21	.26
89/03/13	10:45	03/13	20:45	62-13.3S	150-00.2	3578	2.6	-3.0	10.2	12.03	1.37	33.84	7.21	.26
89/03/13	10:50	03/13	20:50	62-12.6S	150-00.2	0	2.8	-3.0	10.3	12.03	1.46	33.79	7.25	.26
89/03/13	10:55	03/13	20:55	62-11.9S	150-00.8	3891	2.6	-3.0	9.9	12.03	1.46	33.89	7.26	.26
89/03/13	11:00	03/13	21:00	62-11.1S	150-00.8	3726	2.6	-3.0	10.5	12.03	1.46	33.89	7.28	.26
89/03/13	11:05	03/13	21:05	62-10.3S	150-00.8	3757	2.6	-3.0	10.2	12.03	1.54	33.84	7.33	.26
89/03/13	11:10	03/13	21:10	62-09.4S	150-00.7	3775	2.6	-3.0	10.0	12.10	1.54	33.84	7.37	.26
89/03/13	11:15	03/13	21:15	62-08.6S	150-00.6	3815	2.6	-3.0	10.0	12.03	1.54	33.84	7.28	.26
89/03/13	11:20	03/13	21:20	62-07.7S	150-00.5	3848	2.6	-3.0	10.5	12.03	1.54	33.84	7.23	.26
89/03/13	11:25	03/13	21:25	62-06.8S	150-00.4	3934	2.6	-3.0	10.7	12.03	1.46	33.89	7.20	.26
89/03/13	11:30	03/13	21:30	62-06.0S	150-00.3	3866	2.6	-3.0	9.8	12.03	1.46	33.89	7.15	.26
89/03/13	11:35	03/13	21:35	62-05.1S	150-00.2	3852	2.6	-3.0	11.0	12.03	1.46	33.79	7.15	.26
89/03/13	11:40	03/13	21:40	62-04.3S	150-00.1	3852	2.5	-3.0	10.4	12.03	1.46	33.89	7.14	.26
89/03/13	11:45	03/13	21:45	62-03.4S	150-00.1	3852	2.5	-3.0	10.7	12.10	1.46	33.79	7.17	.26
89/03/13	11:50	03/13	21:49	62-02.6S	149-59.9	3852	2.6	-3.0	10.3	12.10	1.46	33.89	7.17	.26
89/03/13	11:55	03/13	21:54	62-01.6S	149-59.8	3852	2.6	-3.0	11.1	12.03	1.46	33.89	7.20	.26
89/03/13	12:00	03/13	21:59	62-00.7S	149-59.7	0	2.5	-3.0	10.6	12.03	1.54	33.84	7.24	.26
89/03/13	12:05	03/13	22:05	62-00.4S	150-00.6	3810	2.6	-3.0	10.5	12.03	1.54	33.84	7.30	.26
89/03/13	12:10	03/13	22:10	61-59.5S	150-00.6	3741	2.6	-3.0	10.3	12.03	1.63	33.88	7.31	.26
89/03/13	12:15	03/13	22:15	61-58.6S	150-00.7	3717	2.6	-3.0	10.6	12.03	1.54	33.84	7.23	.25
89/03/13	12:20	03/13	22:20	61-57.8S	150-00.7	3801	2.6	-3.0	10.3	12.03	1.54	33.84	7.19	.25
89/03/13	12:25	03/13	22:25	61-57.1S	150-01.3	3836	2.6	-3.0	10.7	12.03	1.54	33.84	7.18	.25
89/03/13	12:30	03/13	22:30	61-56.2S	150-01.4	3829	2.6	-3.0	10.9	12.03	1.54	33.84	7.19	.26
89/03/13	12:35	03/13	22:35	61-55.4S	150-01.5	3783	2.6	-3.0	10.7	12.03	1.54	33.84	7.21	.26
89/03/13	12:40	03/13	22:40	61-54.6S	150-01.0	3791	2.6	-3.0	10.7	12.03	1.54	33.84	7.25	.26
89/03/13	12:45	03/13	22:45	61-53.8S	150-01.0	3740	2.7	-3.0	10.3	12.03	1.54	33.84	7.30	.26
89/03/13	12:50	03/13	22:50	61-52.9S	150-01.0	3717	2.7	-3.0	10.6	12.03	1.54	33.84	7.34	.26
89/03/13	12:55	03/13	22:55	61-52.1S	150-01.0	3745	2.7	-3.0	10.6	12.03	1.63	33.78	7.36	.26
89/03/13	13:00	03/13	23:00	61-51.2S	150-01.0	3731	2.7	-3.0	10.8	12.03	1.63	33.88	7.37	.25
89/03/13	13:05	03/13	23:05	61-50.3S	150-01.0	3648	2.7	-3.0	10.5	12.03	1.63	33.78	7.31	.25
89/03/13	13:10	03/13	23:10	61-49.5S	150-01.0	3582	2.6	-3.0	10.7	12.03	1.54	33.84	7.27	.26
89/03/13	13:15	03/13	23:15	61-48.7S	150-01.1	3593	2.7	-3.0	10.5	12.03	1.46	33.89	7.21	.26
89/03/13	13:20	03/13	23:20	61-47.8S	150-01.1	3623	2.7	-3.0	10.6	12.03	1.54	33.84	7.25	.26
89/03/13	13:25	03/13	23:25	61-46.9S	150-01.1	3654	2.7	-3.0	10.8	12.10	1.54	33.84	7.27	.26
89/03/13	13:30	03/13	23:30	61-46.4S	150-01.6	3686	2.7	-3.0	10.6	12.03	1.63	33.78	7.32	.25
89/03/13	13:35	03/13	23:35	61-45.6S	150-01.6	3835	2.8	-3.0	10.6	12.10	1.54	33.84	7.34	.25
89/03/13	13:40	03/13	23:40	61-44.7S	150-01.5	3722	2.9	-3.0	10.9	12.03	1.63	33.78	7.35	.25
89/03/13	13:45	03/13	23:45	61-43.9S	150-01.6	3820	2.9	-3.0	10.7	12.03	1.63	33.88	7.39	.25
89/03/13	13:50	03/13	23:50	61-43.0S	150-01.6	3888	3.0	-3.0	10.7	12.03	1.63	33.88	7.40	.25
89/03/13	13:55	03/13	23:55	61-42.1S	150-01.5	3768	2.9	-3.0	10.7	12.10	1.63	33.88	7.35	.25

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]
89/03/13	14:00	03/14	00:00	61-41.3S	150-01.5	3724	2.9	-3.0	10.7	12.03	1.63	33.78	7.31	.25
89/03/13	14:05	03/14	00:05	61-40.4S	150-01.4	3741	2.9	-3.0	10.4	12.03	1.63	33.88	7.30	.25
89/03/13	14:10	03/14	00:10	61-39.6S	150-01.4	3774	2.8	-3.0	10.9	12.03	1.71	33.82	7.26	.25
89/03/13	14:15	03/14	00:15	61-38.9S	150-01.5	3760	2.8	-3.0	10.3	12.03	1.71	33.82	7.30	.25
89/03/13	14:20	03/14	00:20	61-38.0S	150-01.5	3872	2.8	-3.0	10.6	12.03	1.71	33.82	7.32	.25
89/03/13	14:25	03/14	00:25	61-37.2S	150-01.4	3778	2.8	-3.0	10.7	12.03	1.63	33.88	7.33	.25
89/03/13	14:30	03/14	00:30	61-36.4S	150-01.6	3782	2.8	-3.0	10.9	12.10	1.63	33.88	7.33	.25
89/03/13	14:35	03/14	00:35	61-35.6S	150-01.6	3599	2.8	-3.0	9.6	12.10	1.63	33.88	7.35	.25
89/03/13	14:40	03/14	00:40	61-34.8S	150-01.6	3650	2.7	-3.0	10.6	12.03	1.71	33.82	7.42	.25
89/03/13	14:45	03/14	00:45	61-33.9S	150-01.6	3753	2.7	-3.0	11.3	12.03	1.80	33.87	7.41	.25
89/03/13	14:50	03/14	00:50	61-33.1S	150-01.5	3784	2.5	-3.0	10.7	12.03	1.88	33.82	7.39	.25
89/03/13	14:55	03/14	00:55	61-32.2S	150-01.5	3786	2.4	-3.0	10.8	12.10	1.80	33.87	7.34	.25
89/03/13	15:00	03/14	01:00	61-31.4S	150-01.4	3843	2.3	-3.0	11.3	12.03	1.88	33.82	7.31	.25
89/03/13	15:05	03/14	01:05	61-30.5S	150-01.4	3761	2.4	-3.0	10.6	12.03	1.88	33.82	7.33	.24
89/03/13	15:10	03/14	01:10	61-29.6S	150-01.4	3925	2.3	-3.0	10.9	12.03	1.88	33.82	7.30	.24
89/03/13	15:15	03/14	01:15	61-28.8S	150-01.4	3924	2.3	-3.0	10.9	12.03	1.88	33.82	7.24	.24
89/03/13	15:20	03/14	01:20	61-27.9S	150-01.3	3917	2.3	-3.0	11.1	12.03	1.88	33.82	7.28	.24
89/03/13	15:25	03/14	01:25	61-27.1S	150-01.3	3917	2.2	-3.0	11.0	12.03	1.88	33.82	7.30	.24
89/03/13	15:30	03/14	01:30	61-26.2S	150-01.3	3932	2.0	-3.0	10.8	12.03	1.88	33.82	7.32	.24
89/03/13	15:35	03/14	01:35	61-25.3S	150-01.2	3911	1.9	-3.0	11.0	12.10	1.88	33.82	7.37	.24
89/03/13	15:40	03/14	01:40	61-24.5S	150-01.2	3888	1.9	-3.0	11.0	12.03	1.88	33.82	7.39	.24
89/03/13	15:45	03/14	01:45	61-23.6S	150-01.1	3902	2.0	-3.0	10.4	12.03	1.97	33.86	7.41	.24
89/03/13	15:50	03/14	01:50	61-23.0S	150-01.1	3928	2.0	-3.0	11.0	12.03	1.97	33.86	7.36	.24
89/03/13	15:55	03/14	01:55	61-22.0S	150-02.0	3681	2.0	-3.0	11.1	12.03	1.97	33.86	7.31	.24
89/03/13	16:00	03/14	02:00	61-21.2S	150-02.0	3556	2.0	-3.0	10.9	12.03	1.97	33.86	7.28	.24
89/03/13	16:05	03/14	02:05	61-20.3S	150-02.0	3693	2.0	-3.0	11.0	12.03	1.97	33.86	7.28	.24
89/03/13	16:10	03/14	02:10	61-19.3S	150-02.1	3743	2.0	-3.0	10.6	12.03	1.97	33.86	7.28	.24
89/03/13	16:15	03/14	02:15	61-18.4S	150-02.2	3773	2.1	-3.0	10.8	12.03	1.88	33.82	7.28	.24
89/03/13	16:20	03/14	02:20	61-17.6S	150-02.2	3693	2.2	-3.0	11.1	12.10	1.88	33.82	7.32	.24
89/03/13	16:25	03/14	02:25	61-16.7S	150-02.2	3754	2.2	-3.0	11.1	12.03	1.88	33.82	7.32	.24
89/03/13	16:30	03/14	02:30	61-15.8S	150-02.2	3871	2.2	-3.0	10.9	12.10	1.88	33.82	7.34	.24
89/03/13	16:35	03/14	02:35	61-14.9S	150-02.2	3912	2.2	-3.0	10.8	12.03	1.88	33.82	7.36	.24
89/03/13	16:40	03/14	02:40	61-14.1S	150-02.2	3822	2.3	-3.0	10.7	12.03	1.80	33.87	7.35	.24
89/03/13	16:45	03/14	02:45	61-13.2S	150-02.2	3779	2.3	-3.0	10.5	12.03	1.80	33.87	7.28	.24
89/03/13	16:50	03/14	02:50	61-12.4S	150-02.2	3684	2.4	-3.0	10.5	12.03	1.71	33.82	7.24	.24
89/03/13	16:55	03/14	02:55	61-11.5S	150-02.2	3766	2.3	-3.0	10.0	12.03	1.71	33.82	7.22	.24
89/03/13	17:00	03/14	03:00	61-10.6S	150-02.3	3614	2.3	-3.0	10.2	12.03	1.63	33.88	7.20	.24
89/03/13	17:05	03/14	03:05	61-09.8S	150-02.3	3738	2.3	-3.0	10.5	12.03	1.63	33.88	7.20	.25
89/03/13	17:10	03/14	03:10	61-08.9S	150-02.0	3725	2.2	-3.0	10.8	12.03	1.63	33.88	7.23	.25
89/03/13	17:15	03/14	03:15	61-08.0S	150-01.9	3669	2.2	-3.0	10.2	12.03	1.63	33.88	7.25	.24
89/03/13	17:20	03/14	03:20	61-07.0S	150-01.7	3583	2.2	-3.0	10.8	12.10	1.63	33.88	7.31	.25
89/03/13	17:25	03/14	03:25	61-06.1S	150-01.4	3571	2.2	-3.0	10.5	11.95	1.71	33.82	7.39	.24
89/03/13	17:30	03/14	03:30	61-05.2S	150-01.2	3511	2.2	-3.0	10.5	12.03	1.71	33.82	7.39	.24
89/03/13	17:35	03/14	03:35	61-04.4S	150-01.0	3538	2.3	-3.0	10.4	12.10	1.80	33.87	7.39	.24
89/03/13	17:40	03/14	03:40	61-03.7S	150-01.3	3529	2.3	-3.0	10.4	12.03	1.80	33.77	7.36	.24
89/03/13	17:45	03/14	03:45	61-02.6S	150-01.0	3432	2.3	-3.0	10.3	12.03	1.80	33.87	7.32	.24
89/03/13	17:50	03/14	03:50	61-01.8S	150-00.8	3196	2.3	-3.0	10.4	12.03	1.80	33.87	7.33	.24
89/03/13	17:55	03/14	03:55	61-01.0S	150-00.6	3489	2.3	-3.0	10.0	12.03	1.80	33.87	7.31	.24
89/03/13	18:00	03/14	04:00	61-00.1S	150-00.4	3411	2.4	-3.0	10.4	12.03	1.80	33.87	7.28	.24
89/03/13	18:05	03/14	04:05	60-59.2S	150-00.2	3170	2.4	-3.0	10.7	12.03	1.88	33.82	7.34	.24
89/03/13	18:10	03/14	04:10	60-58.6S	150-00.1	3354	2.4	-3.0	10.1	12.10	1.80	33.87	7.36	.25

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]
89/03/13	18:15	03/14	04:14	60-57.7S	149-60.0	3567	2.4	-3.0	10.4	12.10	1.80	33.87	7.37	.24
89/03/13	18:20	03/14	04:19	60-56.6S	149-59.9	3421	2.4	-3.0	10.8	12.03	1.80	33.87	7.36	.24
89/03/13	18:25	03/14	04:24	60-55.9S	149-60.0	3352	2.4	-3.0	10.6	12.03	1.80	33.87	7.38	.24
89/03/13	18:30	03/14	04:30	60-55.0S	150-00.0	2866	2.4	-3.0	10.4	12.03	1.88	33.82	7.33	.24
89/03/13	18:35	03/14	04:35	60-54.1S	150-00.0	3252	2.4	-3.0	10.8	12.10	1.88	33.82	7.33	.24
89/03/13	18:40	03/14	04:40	60-53.3S	150-00.0	3313	2.4	-3.0	10.8	12.10	1.80	33.87	7.24	.24
89/03/13	18:45	03/14	04:44	60-52.2S	149-59.9	3233	2.4	-3.0	10.6	12.03	1.88	33.82	7.31	.24
89/03/13	18:50	03/14	04:49	60-51.3S	149-59.9	2933	2.5	-3.0	10.2	12.03	1.88	33.82	7.28	.24
89/03/13	18:55	03/14	04:54	60-50.6S	149-59.9	3306	2.5	-3.0	10.5	12.03	1.88	33.82	7.30	.24
89/03/13	19:00	03/14	04:59	60-49.6S	149-59.9	3358	2.5	-3.0	10.1	12.03	1.88	33.82	7.32	.24
89/03/13	19:05	03/14	05:04	60-47.9S	149-59.8	3350	2.5	-3.0	10.7	12.10	1.88	33.82	7.36	.24
89/03/13	19:10	03/14	05:09	60-47.2S	149-59.8	3584	2.5	-3.0	10.4	12.03	1.97	33.86	7.41	.24
89/03/13	19:15	03/14	05:14	60-46.3S	149-59.8	3632	2.5	-3.0	10.6	12.03	2.05	33.81	7.44	.24
89/03/13	19:20	03/14	05:19	60-45.4S	149-59.9	3587	2.5	-3.0	10.7	12.03	1.97	33.86	7.39	.24
89/03/13	19:25	03/14	05:24	60-44.3S	149-59.9	3584	2.5	-3.0	10.5	12.03	2.05	33.91	7.38	.24
89/03/13	19:30	03/14	05:29	60-43.3S	149-59.9	3298	2.3	-3.0	10.6	12.03	2.14	33.86	7.35	.24
89/03/13	19:35	03/14	05:34	60-42.4S	149-59.9	3477	2.1	-3.0	10.4	12.03	2.05	33.81	7.30	.24
89/03/13	19:40	03/14	05:39	60-41.6S	149-59.9	3482	2.1	-3.0	10.6	12.10	2.05	33.81	7.28	.24
89/03/13	19:45	03/14	05:44	60-40.6S	149-59.3	3600	2.2	-3.0	10.5	12.03	2.05	33.81	7.28	.24
89/03/13	19:50	03/14	05:49	60-39.7S	149-59.3	3585	2.3	-3.0	10.7	12.03	2.05	33.81	7.32	.24
89/03/13	19:55	03/14	05:54	60-38.6S	149-59.4	3847	2.4	-3.0	10.5	12.03	2.05	33.81	7.33	.24
89/03/13	20:00	03/14	05:59	60-37.6S	149-59.5	3751	2.4	-3.0	10.5	12.03	2.05	33.81	7.34	.24
89/03/13	20:05	03/14	06:04	60-36.9S	149-59.6	3750	2.4	-3.0	10.5	12.03	2.14	33.86	7.40	.24
89/03/13	20:10	03/14	06:09	60-35.9S	149-59.6	3845	2.4	-3.0	10.3	12.03	2.14	33.86	7.42	.24
89/03/13	20:15	03/14	06:14	60-35.0S	149-59.7	3840	2.4	-3.0	10.8	12.03	2.14	33.86	7.37	.24
89/03/13	20:20	03/14	06:19	60-34.1S	149-59.8	3666	2.5	-3.0	10.6	12.03	2.14	33.86	7.31	.24
89/03/13	20:25	03/14	06:24	60-33.2S	149-59.9	3572	2.5	-3.0	10.4	12.03	2.05	33.81	7.31	.24
89/03/13	20:30	03/14	06:30	60-32.1S	150-00.0	3589	2.6	-3.0	10.4	12.03	1.88	33.82	7.21	.24
89/03/13	20:35	03/14	06:35	60-31.4S	150-00.0	3441	2.7	-3.0	10.6	12.03	1.88	33.82	7.21	.24
89/03/13	20:40	03/14	06:40	60-30.6S	150-00.1	3584	2.6	-3.0	10.6	12.03	1.88	33.82	7.24	.24
89/03/13	20:45	03/14	06:45	60-29.6S	150-00.1	3365	2.6	-3.0	10.3	12.03	1.88	33.82	7.28	.24
89/03/13	20:50	03/14	06:50	60-28.6S	150-00.1	3059	2.7	-3.0	10.2	12.03	1.88	33.82	7.34	.24
89/03/13	20:55	03/14	06:54	60-27.6S	149-59.7	3323	2.7	-3.0	10.7	12.03	1.88	33.82	7.34	.24
89/03/13	21:00	03/14	06:59	60-26.6S	149-59.7	3395	2.4	-3.0	10.3	12.10	1.88	33.82	7.36	.24
89/03/13	21:05	03/14	07:04	60-25.7S	149-59.7	3330	2.1	-3.0	10.7	12.03	1.88	33.82	7.33	.24
89/03/13	21:10	03/14	07:09	60-24.7S	149-59.7	3278	2.0	-3.0	10.4	12.03	1.88	33.82	7.28	.24
89/03/13	21:15	03/14	07:14	60-23.8S	149-59.7	3197	2.1	-3.0	10.3	11.95	1.88	33.82	7.28	.24
89/03/13	21:20	03/14	07:19	60-23.0S	149-59.5	3155	2.3	-3.0	10.2	12.03	1.88	33.82	7.23	.24
89/03/13	21:25	03/14	07:24	60-22.0S	149-59.5	2936	2.3	-3.0	10.4	12.10	1.80	33.77	7.20	.24
89/03/13	21:30	03/14	07:29	60-21.1S	149-59.6	3164	2.3	-3.0	10.4	12.03	1.71	33.82	7.21	.23
89/03/13	21:35	03/14	07:34	60-20.2S	149-59.6	3277	2.3	-3.0	10.0	12.03	1.71	33.82	7.26	.23
89/03/13	21:40	03/14	07:39	60-19.3S	149-59.7	3203	2.3	-3.0	10.5	12.10	1.80	33.77	7.31	.24
89/03/13	21:45	03/14	07:44	60-18.4S	149-59.3	3096	2.3	-3.0	10.5	12.03	1.80	33.77	7.35	.24
89/03/13	21:50	03/14	07:49	60-17.6S	149-59.3	3079	2.3	-3.0	10.4	12.03	1.80	33.77	7.34	.23
89/03/13	21:55	03/14	07:54	60-16.6S	149-59.4	3224	2.3	-3.0	10.6	12.03	1.80	33.77	7.28	.23
89/03/13	22:00	03/14	07:59	60-15.7S	149-59.4	3132	2.3	-3.0	10.8	12.03	1.71	33.82	7.26	.23
89/03/13	22:05	03/14	08:04	60-14.3S	149-59.6	3119	2.3	-3.0	10.7	12.03	1.71	33.82	7.22	.24
89/03/13	22:10	03/14	08:09	60-13.4S	149-59.7	3175	2.3	-3.0	10.6	12.03	1.71	33.82	7.24	.24
89/03/13	22:15	03/14	08:14	60-12.6S	149-59.7	3359	2.2	-3.0	10.3	12.03	1.71	33.82	7.25	.24
89/03/13	22:20	03/14	08:19	60-11.6S	149-59.8	3423	2.2	-3.0	9.8	12.03	1.63	33.88	7.25	.24
89/03/13	22:25	03/14	08:24	60-10.7S	149-59.8	3319	2.2	-3.0	10.3	12.03	1.64	33.84	7.25	.24

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]
89/03/13	22:30	03/14	08:29	60-09.8S	149-59.9	3228	2.2	-3.0	9.9	12.03	1.54	33.84	7.28	.24
89/03/13	22:35	03/14	08:34	60-08.9S	149-59.9	3078	2.2	-3.0	9.8	12.03	1.54	33.84	7.35	.24
89/03/13	22:40	03/14	08:39	60-08.5S	149-59.5	2988	2.1	-3.0	9.9	12.10	1.54	33.84	7.38	.24
89/03/13	22:45	03/14	08:44	60-07.8S	149-59.5	3181	2.2	-3.0	10.2	12.03	1.54	33.84	7.34	.24
89/03/13	22:50	03/14	08:49	60-06.7S	149-59.5	3207	2.2	-3.0	9.9	12.03	1.63	33.78	7.32	.24
89/03/13	22:55	03/14	08:54	60-05.8S	149-59.5	3205	2.2	-3.0	10.2	12.03	1.54	33.84	7.25	.24
89/03/13	23:00	03/14	08:59	60-04.9S	149-59.5	3418	2.2	-3.0	10.3	12.03	1.54	33.84	7.24	.24
89/03/13	23:05	03/14	09:04	60-04.0S	149-59.6	3431	2.2	-3.0	10.1	12.03	1.46	33.89	7.24	.24
89/03/13	23:10	03/14	09:09	60-03.1S	149-59.6	3472	2.2	-3.0	10.1	12.03	1.46	33.89	7.26	.24
89/03/13	23:15	03/14	09:14	60-02.2S	149-59.6	3531	2.2	-3.0	10.4	12.03	1.46	33.79	7.27	.24
89/03/13	23:20	03/14	09:19	60-01.3S	149-59.6	3378	2.2	-3.0	10.4	12.03	1.46	33.89	7.31	.24
89/03/13	23:25	03/14	09:24	60-00.4S	149-59.6	3257	2.2	-3.0	9.8	12.03	1.46	33.89	7.36	.24
89/03/13	23:30	03/14	09:29	59-59.6S	149-59.7	3134	2.3	-3.0	10.1	12.03	1.46	33.89	7.33	.24
89/03/13	23:35	03/14	09:34	59-58.7S	149-59.7	3173	2.3	-3.0	9.3	12.03	1.46	33.79	7.27	.24
89/03/13	23:40	03/14	09:39	59-57.8S	149-59.8	3218	2.3	-3.0	9.9	12.03	1.37	33.84	7.23	.24
89/03/13	23:45	03/14	09:44	59-57.0S	149-59.8	3266	2.3	-3.0	10.1	12.03	1.37	33.84	7.23	.24
89/03/13	23:50	03/14	09:49	59-56.1S	149-59.8	3133	2.3	-3.0	9.9	12.10	1.46	33.79	7.24	.24
89/03/13	23:55	03/14	09:54	59-55.3S	149-59.8	3053	2.3	-3.0	10.1	12.03	1.37	33.84	7.26	.24
89/03/14	00:00	03/14	09:59	59-54.4S	149-59.9	3203	2.3	-3.0	9.7	12.03	1.37	33.84	7.27	.24
89/03/14	00:05	03/14	10:04	59-53.5S	149-59.9	3012	2.3	-3.0	9.5	12.03	1.46	33.79	7.31	.24
89/03/14	00:10	03/14	10:09	59-52.7S	149-59.9	2868	2.3	-3.0	9.0	12.03	1.37	33.84	7.31	.24
89/03/14	00:15	03/14	10:14	59-51.9S	149-59.9	3084	2.3	-3.0	8.7	12.03	1.46	33.89	7.38	.24
89/03/14	00:20	03/14	10:20	59-51.1S	150-00.0	2891	2.3	-3.0	8.7	12.03	1.46	33.89	7.35	.24
89/03/14	00:25	03/14	10:24	59-50.3S	149-60.0	2940	2.3	-3.0	9.1	12.03	1.46	33.89	7.31	.24
89/03/14	00:30	03/14	10:29	59-49.5S	149-59.5	2937	2.3	-3.0	9.2	12.03	1.46	33.89	7.30	.24
89/03/14	00:35	03/14	10:34	59-48.7S	149-59.5	2768	2.3	-3.0	8.9	12.10	1.46	33.89	7.28	.24
89/03/14	00:40	03/14	10:39	59-47.9S	149-59.5	2928	2.3	-3.0	9.1	12.03	1.46	33.89	7.30	.24
89/03/14	00:45	03/14	10:44	59-47.1S	149-59.5	2925	2.3	-3.0	9.0	12.03	1.46	33.89	7.27	.24
89/03/14	00:50	03/14	10:49	59-46.3S	149-59.5	2800	2.3	-3.0	9.1	12.03	1.46	33.89	7.25	.24
89/03/14	00:55	03/14	10:54	59-45.5S	149-59.5	2942	2.3	-3.0	8.9	12.03	1.46	33.89	7.25	.24
89/03/14	01:00	03/14	10:59	59-44.7S	149-59.5	2796	2.3	-3.0	9.1	12.03	1.46	33.89	7.27	.24
89/03/14	01:05	03/14	11:04	59-43.9S	149-59.5	2787	2.3	-3.0	8.4	12.03	1.37	33.84	7.26	.25
89/03/14	01:10	03/14	11:09	59-43.1S	149-59.5	2683	2.3	-3.0	7.9	12.03	1.37	33.84	7.27	.25
89/03/14	01:15	03/14	11:14	59-42.5S	149-59.6	2706	2.4	-3.0	7.4	12.03	1.37	33.84	7.28	.25
89/03/14	01:20	03/14	11:19	59-41.8S	149-59.6	2715	2.4	-3.0	7.8	12.03	1.37	33.84	7.30	.24
89/03/14	01:25	03/14	11:25	59-41.2S	150-00.1	2718	2.5	-3.0	8.0	12.03	1.46	33.79	7.28	.24
89/03/14	01:30	03/14	11:30	59-40.4S	150-00.2	2664	2.5	-3.0	7.8	12.03	1.37	33.84	7.22	.24
89/03/14	01:35	03/14	11:35	59-39.8S	150-00.4	2544	2.5	-3.0	7.8	12.10	1.37	33.84	7.24	.25
89/03/14	01:40	03/14	11:40	59-39.1S	150-00.5	2642	2.5	-3.0	8.0	12.03	1.37	33.84	7.26	.25
89/03/14	01:45	03/14	11:45	59-38.3S	150-00.5	2594	2.5	-3.0	6.9	12.03	1.46	33.89	7.32	.25
89/03/14	01:50	03/14	11:49	59-38.2S	149-59.8	2700	2.9	-3.0	2.1	12.03	1.46	33.89	7.34	.24
89/03/14	01:55	03/14	11:54	59-38.3S	149-59.6	2619	3.3	-3.0	2.1	12.10	1.37	33.84	7.30	.25
89/03/14	02:00	03/14	11:59	59-38.5S	149-59.5	2611	3.6	-3.0	2.1	12.10	1.37	33.84	7.27	.25
89/03/14	02:05	03/14	12:04	59-38.6S	149-59.5	2616	3.7	-3.0	.8	12.56	1.29	33.89	7.23	-19.39
89/03/14	02:10	03/14	12:09	59-39.4S	149-59.0	2603	4.0	-3.0	.8	12.78	1.46	33.79	7.43	.23
89/03/14	02:15	03/14	12:14	59-39.4S	149-59.0	2613	4.1	-3.0	.8	12.03	1.37	33.84	7.21	.23
89/03/14	02:20	03/14	12:19	59-39.4S	149-59.0	2621	4.0	-3.0	.8	12.03	1.37	33.84	7.19	.24
89/03/14	02:25	03/14	12:24	59-39.3S	149-59.1	2609	4.5	-3.0	.8	12.03	1.37	33.84	7.17	.24
89/03/14	02:30	03/14	12:29	59-39.3S	149-59.1	2603	4.8	-3.0	.8	12.03	1.37	33.84	7.21	.24
89/03/14	02:35	03/14	12:34	59-40.1S	149-58.9	2600	4.9	-3.0	.8	12.10	1.37	33.84	7.26	.24
89/03/14	02:40	03/14	12:39	59-40.1S	149-58.9	2606	4.6	-3.0	1.2	12.03	1.37	33.84	7.31	.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]
89/03/14	02:45	03/14	12:44	69-40.6S	149-58.7	2606	4.9	-3.0	9.4	12.10	1.37	33.84	7.33	.24
89/03/14	02:50	03/14	12:49	69-40.6S	149-58.7	2605	5.1	-3.0	1.1	12.10	1.37	33.84	7.33	.24
89/03/14	02:55	03/14	12:54	69-40.7S	149-58.7	2610	5.1	-3.0	1.2	12.10	1.37	33.84	7.33	.24
89/03/14	03:00	03/14	12:59	69-40.7S	149-58.7	2612	3.4	-3.0	1.3	12.10	1.37	33.84	7.32	.24
89/03/14	03:05	03/14	13:04	69-40.8S	149-58.7	2603	3.5	-3.0	1.3	12.10	1.46	33.89	7.32	.24
89/03/14	03:10	03/14	13:09	69-40.9S	149-58.7	2809	3.5	-3.0	1.1	12.10	1.46	33.89	7.34	.24
89/03/14	03:15	03/14	13:14	69-40.9S	149-58.7	2814	3.4	-3.0	1.2	12.10	1.46	33.89	7.31	.24
89/03/14	03:20	03/14	13:19	69-40.9S	149-58.7	2624	3.5	-3.0	1.0	12.10	1.46	33.89	7.32	.24
89/03/14	03:25	03/14	13:24	69-41.0S	149-58.7	2838	3.8	-3.0	1.1	12.10	1.46	33.79	7.28	.24
89/03/14	03:30	03/14	13:30	69-38.9S	150-01.2	2600	3.8	-3.0	1.1	12.10	1.46	33.79	7.27	.24
89/03/14	03:35	03/14	13:35	69-38.9S	150-01.3	2573	3.6	-3.0	1.2	12.10	1.37	33.84	7.27	.24
89/03/14	03:40	03/14	13:40	69-38.8S	150-01.4	2551	3.9	-3.0	1.2	12.18	1.37	33.84	7.27	.24
89/03/14	03:45	03/14	13:45	69-38.8S	150-01.4	2535	3.8	-3.0	1.0	12.10	1.46	33.89	7.28	.24
89/03/14	03:50	03/14	13:50	69-38.8S	150-01.6	2526	3.7	-3.0	1.0	12.10	1.46	33.79	7.26	.24
89/03/14	03:55	03/14	13:55	69-38.7S	150-01.6	2525	3.6	-3.0	1.0	12.10	1.37	33.84	7.25	.24
89/03/14	04:00	03/14	14:00	69-38.6S	150-01.7	2528	3.5	-3.0	.9	12.10	1.37	33.84	7.24	.24
89/03/14	04:05	03/14	14:05	69-38.6S	150-01.8	2542	3.6	-3.0	1.0	12.10	1.37	33.84	7.24	.24
89/03/14	04:10	03/14	14:10	69-39.8S	150-00.9	2550	3.8	-3.0	1.2	12.10	1.37	33.84	7.25	.24
89/03/14	04:15	03/14	14:15	69-39.8S	150-00.9	2558	3.8	-3.0	1.0	12.10	1.46	33.89	7.28	.24
89/03/14	04:20	03/14	14:20	69-39.8S	150-01.0	2578	3.6	-3.0	.9	12.10	1.46	33.89	7.25	.24
89/03/14	04:25	03/14	14:25	69-39.8S	150-01.0	2589	3.7	-3.0	.9	12.10	1.37	33.84	7.25	.24
89/03/14	04:30	03/14	14:30	69-39.8S	150-01.0	2600	3.6	-3.0	.9	12.10	1.46	33.89	7.24	.24
89/03/14	04:35	03/14	14:35	69-39.8S	150-01.1	2621	3.8	-3.0	1.0	12.10	1.46	33.89	7.22	.24
89/03/14	04:40	03/14	14:40	69-39.8S	150-01.1	2630	4.1	-3.0	1.1	12.10	1.46	33.89	7.21	.24
89/03/14	04:45	03/14	14:45	69-39.8S	150-01.1	2649	4.0	-3.0	.9	12.10	1.46	33.89	7.20	.24
89/03/14	04:50	03/14	14:50	69-40.0S	150-01.9	2651	3.9	-3.0	.9	12.10	1.46	33.89	7.20	.24
89/03/14	04:55	03/14	14:55	69-40.0S	150-02.0	2659	3.7	-3.0	.9	12.03	1.46	33.89	7.15	.24
89/03/14	05:00	03/14	15:00	69-40.0S	150-02.0	2665	3.8	-3.0	1.0	12.10	1.46	33.89	7.16	.24
89/03/14	05:05	03/14	15:05	69-40.1S	150-01.7	2705	3.8	-3.0	4.9	12.10	1.46	33.89	7.13	.24
89/03/14	05:10	03/14	15:10	69-39.6S	150-01.6	2566	3.5	-3.0	9.1	12.10	1.46	33.89	7.17	.24
89/03/14	05:15	03/14	15:15	69-38.6S	150-01.6	2621	3.5	-3.0	9.0	12.10	1.54	33.84	7.16	.24
89/03/14	05:20	03/14	15:20	69-37.8S	150-01.6	2599	3.6	-3.0	9.2	12.10	1.54	33.84	7.18	.24
89/03/14	05:25	03/14	15:25	69-37.0S	150-01.6	2889	3.5	-3.0	9.1	12.10	1.54	33.84	7.20	.24
89/03/14	05:30	03/14	15:30	69-36.2S	150-01.6	2827	3.4	-3.0	9.0	12.10	1.54	33.84	7.21	.24
89/03/14	05:35	03/14	15:35	69-35.3S	150-01.6	3069	3.4	-3.0	9.3	12.10	1.54	33.84	7.22	.24
89/03/14	05:40	03/14	15:40	69-34.4S	150-01.6	3090	3.4	-3.0	9.3	12.10	1.54	33.84	7.20	.24
89/03/14	05:45	03/14	15:45	69-33.6S	150-01.6	2928	3.4	-3.0	9.3	12.10	1.54	33.93	7.22	.24
89/03/14	05:50	03/14	15:50	69-32.8S	150-01.6	2816	3.3	-3.0	9.4	12.03	1.63	33.88	7.22	.24
89/03/14	05:55	03/14	15:55	69-31.8S	150-00.7	2741	3.4	-3.0	9.3	12.03	1.63	33.88	7.22	.24
89/03/14	06:00	03/14	16:00	69-31.0S	150-00.7	2485	3.3	-3.0	9.0	12.03	1.63	33.88	7.22	.24
89/03/14	06:05	03/14	16:05	69-30.1S	150-00.6	2386	3.4	-3.0	8.9	12.03	1.63	33.88	7.22	.24
89/03/14	06:10	03/14	16:10	69-29.3S	150-00.4	2427	3.1	-3.0	9.4	12.10	1.63	33.88	7.23	.24
89/03/14	06:15	03/14	16:15	69-28.4S	150-00.1	2551	3.0	-3.0	9.2	12.03	1.71	33.82	7.23	.24
89/03/14	06:20	03/14	16:19	69-27.6S	149-59.9	2485	2.9	-3.0	9.4	12.03	1.71	33.82	7.26	.24
89/03/14	06:25	03/14	16:24	69-26.8S	149-59.7	2377	2.8	-3.0	9.3	12.03	1.71	33.82	7.22	.24
89/03/14	06:30	03/14	16:29	69-25.9S	149-59.5	2392	2.8	-3.0	9.4	12.03	1.71	33.93	7.23	.24
89/03/14	06:35	03/14	16:34	69-25.1S	149-59.2	2408	2.7	-3.0	9.2	12.10	1.71	33.93	7.24	.24
89/03/14	06:40	03/14	16:39	69-23.8S	149-57.2	2391	2.7	-3.0	9.2	12.10	1.71	33.82	7.21	.24
89/03/14	06:45	03/14	16:44	69-22.9S	149-57.0	2403	2.7	-3.0	8.9	12.10	1.71	33.82	7.25	.24
89/03/14	06:50	03/14	16:49	69-22.1S	149-56.7	2404	2.7	-3.0	9.4	12.10	1.71	33.82	7.22	.24
89/03/14	06:55	03/14	16:54	69-21.2S	149-56.4	2374	2.7	-3.0	9.2	12.10	1.71	33.82	7.21	.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]
89/03/14	07:00	03/14	16:59	59-20.3S	149-56.1	2516	2.7	-3.0	9.2	12.03	1.80	33.87	7.28	.24
89/03/14	07:05	03/14	17:04	59-19.6S	149-56.3	2591	2.7	-3.0	8.8	12.03	1.80	33.87	7.28	.24
89/03/14	07:10	03/14	17:09	59-18.6S	149-56.2	2399	2.9	-3.0	9.1	12.03	1.80	33.87	7.27	.24
89/03/14	07:15	03/14	17:14	59-17.8S	149-56.2	2567	3.1	-3.0	9.4	12.03	1.80	33.87	7.28	.24
89/03/14	07:20	03/14	17:19	59-16.9S	149-56.2	2043	3.1	-3.0	9.5	12.03	1.71	33.93	7.22	.24
89/03/14	07:25	03/14	17:24	59-16.0S	149-56.2	2506	3.1	-3.0	9.4	12.03	1.71	33.82	7.18	.24
89/03/14	07:30	03/14	17:29	59-15.1S	149-56.2	2315	3.2	-3.0	9.5	12.03	1.71	33.82	7.15	.25
89/03/14	07:35	03/14	17:34	59-14.2S	149-56.3	2667	3.3	-3.0	9.6	12.10	1.71	33.82	7.14	.25
89/03/14	07:40	03/14	17:39	59-13.3S	149-56.3	2771	3.3	-3.0	9.3	12.03	1.80	33.87	7.14	.25
89/03/14	07:45	03/14	17:44	59-12.4S	149-56.3	2768	3.2	-3.0	9.6	12.03	1.80	33.87	7.16	.25
89/03/14	07:50	03/14	17:49	59-11.6S	149-56.3	2812	3.2	-3.0	9.4	12.03	1.80	33.87	7.15	.25
89/03/14	07:55	03/14	17:54	59-10.7S	149-56.3	2738	3.2	-3.0	9.7	12.03	1.88	33.82	7.15	.25
89/03/14	08:00	03/14	17:59	59-09.6S	149-56.4	2835	3.2	-3.0	9.3	12.03	1.80	33.87	7.16	.25
89/03/14	08:05	03/14	18:04	59-08.7S	149-56.4	2750	3.0	-3.0	9.6	12.03	1.71	33.82	7.14	.25
89/03/14	08:10	03/14	18:09	59-07.8S	149-56.4	2888	2.9	-3.0	9.6	12.03	1.80	33.87	7.16	.25
89/03/14	08:15	03/14	18:14	59-06.9S	149-56.5	2938	2.8	-3.0	9.8	12.03	1.80	33.87	7.19	.25
89/03/14	08:20	03/14	18:19	59-06.0S	149-56.5	3093	2.8	-3.0	9.6	12.03	1.80	33.87	7.20	.26
89/03/14	08:25	03/14	18:24	59-05.2S	149-56.5	2846	2.8	-3.0	9.4	12.03	1.97	33.86	7.27	.26
89/03/14	08:30	03/14	18:29	59-04.3S	149-56.5	2858	2.8	-3.0	9.0	12.03	2.31	33.85	7.47	.27
89/03/14	08:35	03/14	18:34	59-03.4S	149-56.5	3106	2.7	-3.0	9.5	12.10	2.39	33.80	7.46	.26
89/03/14	08:40	03/14	18:39	59-02.5S	149-56.5	2894	2.6	-3.0	9.4	12.10	2.47	33.84	7.49	.26
89/03/14	08:45	03/14	18:44	59-01.6S	149-56.5	3116	2.6	-3.0	9.6	12.10	2.47	33.84	7.50	.26
89/03/14	08:50	03/14	18:49	59-00.7S	149-56.5	2994	2.7	-3.0	9.7	12.03	2.47	33.84	7.49	.26
89/03/14	08:55	03/14	18:54	58-59.8S	149-56.5	3018	2.6	-3.0	9.5	12.03	2.47	33.84	7.50	.26
89/03/14	09:00	03/14	18:59	58-58.9S	149-56.5	2957	2.5	-3.0	9.7	12.03	2.31	33.85	7.42	.25
89/03/14	09:05	03/14	19:04	58-58.1S	149-56.5	3175	2.5	-3.0	9.5	12.03	2.31	33.85	7.36	.26
89/03/14	09:10	03/14	19:09	58-57.2S	149-56.5	3221	2.5	-3.0	9.4	12.03	2.31	33.85	7.33	.26
89/03/14	09:15	03/14	19:14	58-56.3S	149-56.6	3220	2.4	-3.0	9.1	12.03	2.14	33.86	7.25	.25
89/03/14	09:20	03/14	19:19	58-55.4S	149-56.6	3154	2.4	-3.0	9.4	12.03	2.14	33.86	7.20	.25
89/03/14	09:25	03/14	19:24	58-54.5S	149-56.6	3254	2.4	-3.0	9.5	12.03	2.05	33.81	7.19	.25
89/03/14	09:30	03/14	19:29	58-53.6S	149-56.6	3183	2.4	-3.0	9.6	12.03	2.05	33.81	7.19	.25
89/03/14	09:35	03/14	19:34	58-52.7S	149-56.6	3239	2.5	-3.0	9.5	12.03	2.05	33.91	7.26	.25
89/03/14	09:40	03/14	19:39	58-51.8S	149-56.6	3355	2.5	-3.0	9.4	12.03	2.05	33.91	7.31	.25
89/03/14	09:45	03/14	19:44	58-50.9S	149-56.6	3479	2.5	-3.0	9.5	12.03	2.05	33.81	7.30	.25
89/03/14	09:50	03/14	19:49	58-50.0S	149-56.6	3369	2.5	-3.0	9.7	12.03	2.05	33.81	7.33	.25
89/03/14	09:55	03/14	19:54	58-49.9S	149-57.7	3524	2.5	-3.0	9.3	12.03	2.05	33.81	7.35	.25
89/03/14	10:00	03/14	19:59	58-49.1S	149-57.7	3549	2.5	-3.0	9.4	12.03	2.05	33.91	7.38	.25
89/03/14	10:05	03/14	20:04	58-48.2S	149-57.8	3667	2.5	-3.0	9.5	12.03	2.05	33.81	7.37	.25
89/03/14	10:10	03/14	20:09	58-47.4S	149-57.8	3531	2.5	-3.0	9.3	12.03	2.05	33.81	7.31	.25
89/03/14	10:15	03/14	20:14	58-46.6S	149-57.5	3615	2.5	-3.0	9.3	12.03	2.05	33.91	7.28	.25
89/03/14	10:20	03/14	20:19	58-45.7S	149-57.5	3632	2.5	-3.0	9.5	12.03	2.05	33.81	7.24	.25
89/03/14	10:25	03/14	20:24	58-44.9S	149-57.6	3659	2.5	-3.0	8.9	12.03	2.05	33.91	7.25	.25
89/03/14	10:30	03/14	20:29	58-44.0S	149-57.6	3570	2.6	-3.0	9.3	12.03	2.14	33.86	7.27	.25
89/03/14	10:35	03/14	20:34	58-43.9S	149-57.2	3467	2.6	-3.0	9.6	12.10	2.47	33.84	7.43	.27
89/03/14	10:40	03/14	20:39	58-43.1S	149-57.2	3287	2.7	-3.0	9.5	12.10	2.47	33.84	7.48	.26
89/03/14	10:45	03/14	20:44	58-42.2S	149-57.2	3282	2.7	-3.0	9.1	12.03	2.81	33.82	7.57	.26
89/03/14	10:50	03/14	20:49	58-41.4S	149-57.2	3346	2.7	-3.0	9.7	12.03	2.98	33.81	7.58	.25
89/03/14	10:55	03/14	20:54	58-40.6S	149-57.2	3263	2.7	-3.0	9.6	12.03	2.98	33.81	7.58	.25
89/03/14	11:00	03/14	20:59	58-39.7S	149-57.3	3193	2.7	-3.0	9.3	12.10	2.90	33.87	7.53	.25
89/03/14	11:05	03/14	21:04	58-37.7S	149-58.7	3038	2.7	-3.0	9.4	12.03	2.90	33.87	7.45	.25
89/03/14	11:10	03/14	21:09	58-36.8S	149-58.7	3136	2.7	-3.0	9.4	12.03	2.81	33.82	7.41	.25



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]
89/03/14	11:15	03/14	21:14	58-35.9S	149-58.8	3356	2.7	-3.0	9.2	12.03	2.81	33.82	7.36	.25
89/03/14	11:20	03/14	21:19	58-35.1S	149-58.9	3026	2.7	-3.0	9.5	12.10	2.81	33.82	7.31	.26
89/03/14	11:25	03/14	21:24	58-34.2S	149-58.9	3037	2.7	-3.0	9.3	12.03	2.81	33.82	7.28	.26
89/03/14	11:30	03/14	21:29	58-33.4S	149-59.0	3146	2.7	-3.0	9.4	12.03	2.81	33.82	7.30	.26
89/03/14	11:35	03/14	21:34	58-32.5S	149-59.1	3215	2.7	-3.0	9.3	12.10	2.98	33.81	7.46	.27
89/03/14	11:40	03/14	21:39	58-31.7S	149-58.1	3185	2.7	-3.0	9.3	12.10	3.15	33.81	7.54	.26
89/03/14	11:45	03/14	21:44	58-30.8S	149-58.1	3184	2.7	-3.0	9.5	12.10	2.73	33.87	7.33	.23
89/03/14	11:50	03/14	21:49	58-29.9S	149-58.2	3284	2.8	-3.0	9.5	12.10	2.58	33.79	7.21	.23
89/03/14	11:55	03/14	21:54	58-29.0S	149-58.2	3228	2.8	-3.0	9.8	12.10	2.56	33.86	7.32	.24
89/03/14	12:00	03/14	21:59	58-28.2S	149-58.3	3142	2.8	-3.0	9.4	12.03	2.81	33.82	7.45	.25
89/03/14	12:05	03/14	22:04	58-27.3S	149-58.3	3194	2.8	-3.0	9.8	12.03	2.73	33.87	7.46	.24
89/03/14	12:10	03/14	22:09	58-26.5S	149-58.3	3465	2.8	-3.0	9.3	12.03	2.39	33.89	7.30	.23
89/03/14	12:15	03/14	22:14	58-25.6S	149-58.3	3098	2.8	-3.0	9.3	12.10	2.39	33.80	7.28	.23
89/03/14	12:20	03/14	22:19	58-24.7S	149-58.4	3053	2.8	-3.0	9.4	12.10	2.31	33.85	7.25	.23
89/03/14	12:25	03/14	22:24	58-25.1S	149-57.8	3187	2.8	-3.0	10.0	12.03	2.31	33.85	7.23	.23
89/03/14	12:30	03/14	22:29	58-24.2S	149-57.9	3316	2.8	-3.0	9.5	12.18	2.39	33.89	7.33	.23
89/03/14	12:35	03/14	22:34	58-23.5S	149-57.9	3169	2.8	-3.0	9.8	12.10	2.39	33.80	7.35	.23
89/03/14	12:40	03/14	22:39	58-22.6S	149-57.9	3285	2.8	-3.0	9.8	12.10	2.31	33.85	7.34	.23
89/03/14	12:45	03/14	22:44	58-21.8S	149-57.9	3146	2.8	-3.0	9.6	12.10	2.31	33.85	7.34	.24
89/03/14	12:50	03/14	22:49	58-19.6S	149-58.3	2971	2.9	-3.0	9.8	12.10	2.31	33.85	7.37	.23
89/03/14	12:55	03/14	22:54	58-18.7S	149-58.3	3137	2.8	-3.0	9.8	12.10	2.31	33.85	7.40	.23
89/03/14	13:00	03/14	22:59	58-17.8S	149-58.3	3086	2.8	-3.0	9.6	12.03	2.22	33.81	7.37	.23
89/03/14	13:05	03/14	23:04	58-17.0S	149-58.3	3170	2.8	-3.0	9.8	12.10	2.22	33.90	7.37	.23
89/03/14	13:10	03/14	23:09	58-16.1S	149-58.3	3171	2.8	-3.0	9.7	12.10	2.22	33.81	7.34	.23
89/03/14	13:15	03/14	23:14	58-15.2S	149-58.4	3282	2.9	-3.0	9.6	12.10	2.22	33.81	7.33	.23
89/03/14	13:20	03/14	23:19	58-14.3S	149-58.4	3280	2.9	-3.0	9.8	12.10	2.22	33.81	7.36	.23
89/03/14	13:25	03/14	23:24	58-14.3S	149-57.8	3285	2.9	-3.0	9.8	12.10	2.14	33.86	7.34	.23
89/03/14	13:30	03/14	23:29	58-13.4S	149-57.7	3048	2.8	-3.0	9.6	12.10	2.22	33.81	7.36	.23
89/03/14	13:35	03/14	23:34	58-12.6S	149-57.7	3062	2.8	-3.0	9.8	12.10	2.31	33.85	7.50	.23
89/03/14	13:40	03/14	23:39	58-11.8S	149-57.7	2932	2.8	-3.0	9.8	12.10	2.39	33.89	7.51	.23
89/03/14	13:45	03/14	23:44	58-10.6S	149-58.4	3164	2.9	-3.0	9.5	12.03	2.47	33.84	7.52	.23
89/03/14	13:50	03/14	23:49	58-09.7S	149-58.4	2980	2.9	-3.0	9.6	12.03	2.73	33.78	7.55	.25
89/03/14	13:55	03/14	23:54	58-08.8S	149-58.5	3149	2.7	-3.0	9.7	12.03	3.32	33.80	7.80	.26
89/03/14	14:00	03/14	23:59	58-07.9S	149-58.5	3074	2.6	-3.0	10.0	12.10	3.58	33.74	7.81	.26
89/03/14	14:05	03/15	00:04	58-07.1S	149-58.6	3173	2.6	-3.0	9.6	12.10	3.50	33.79	7.72	.25
89/03/14	14:10	03/15	00:09	58-06.2S	149-58.6	3123	2.5	-3.0	9.6	12.10	3.40	33.84	7.64	.24
89/03/14	14:15	03/15	00:14	58-05.4S	149-58.6	3137	2.5	-3.0	9.2	12.10	3.24	33.85	7.57	.24
89/03/14	14:20	03/15	00:19	58-04.6S	149-58.6	3143	2.4	-3.0	9.4	12.10	3.15	33.81	7.53	.24
89/03/14	14:25	03/15	00:24	58-03.7S	149-58.6	3353	2.4	-3.0	9.7	12.10	2.98	33.81	7.51	.22
89/03/14	14:30	03/15	00:29	58-02.9S	149-58.6	3279	2.4	-3.0	9.7	12.10	2.81	33.82	7.39	.23
89/03/14	14:35	03/15	00:34	58-02.0S	149-58.7	3126	2.4	-3.0	9.6	12.10	3.32	33.80	7.63	.25
89/03/14	14:40	03/15	00:39	58-01.2S	149-58.7	3223	2.4	-3.0	9.6	12.10	3.75	33.82	7.72	.25
89/03/14	14:45	03/15	00:44	58-00.4S	149-58.7	3131	2.4	-3.0	9.6	12.03	4.09	33.81	7.74	.25
89/03/14	14:50	03/15	00:49	57-59.5S	149-58.7	3179	2.4	-3.0	9.8	12.03	4.18	33.84	7.74	.25
89/03/14	14:55	03/15	00:54	57-58.7S	149-58.8	3115	2.5	-3.0	9.5	12.03	4.18	33.84	7.73	.25
89/03/14	15:00	03/15	00:59	57-57.8S	149-58.9	3182	2.5	-3.0	9.6	12.03	4.18	33.84	7.72	.25
89/03/14	15:05	03/15	01:04	57-57.0S	149-58.9	3151	2.3	-3.0	9.6	12.03	4.18	33.84	7.73	.25
89/03/14	15:10	03/15	01:09	57-56.2S	149-58.9	3122	2.3	-3.0	9.4	12.03	4.18	33.84	7.73	.25
89/03/14	15:15	03/15	01:14	57-55.3S	149-59.0	3143	2.3	-3.0	9.3	12.10	4.18	33.84	7.71	.25
89/03/14	15:20	03/15	01:19	57-54.5S	149-59.0	3098	2.3	-3.0	9.3	12.10	4.18	33.84	7.67	.25
89/03/14	15:25	03/15	01:24	57-53.7S	149-59.0	3145	2.3	-3.0	9.4	12.10	4.18	33.75	7.63	.25

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]
89/03/14	15:30	03/15	01:29	57-52.9S	149-59.1	3240	2.3	-3.0	9.3	12.10	4.09	33.81	7.58	.25
89/03/14	15:35	03/15	01:34	57-52.1S	149-59.1	3198	2.3	-3.0	9.2	12.18	4.09	33.81	7.57	.25
89/03/14	15:40	03/15	01:39	57-51.2S	149-59.2	3172	2.2	-3.0	9.2	12.18	4.09	33.81	7.52	.25
89/03/14	15:45	03/15	01:44	57-50.5S	149-59.2	3145	2.2	-3.0	9.5	12.10	4.09	33.81	7.55	.25
89/03/14	15:50	03/15	01:49	57-49.6S	149-59.3	3199	2.2	-3.0	9.2	12.18	4.18	33.75	7.54	.25
89/03/14	15:55	03/15	01:54	57-50.5S	149-59.5	3219	2.2	-3.0	9.1	12.18	4.18	33.75	7.59	.25
89/03/14	16:00	03/15	01:59	57-49.7S	149-59.6	3292	2.2	-3.0	9.3	12.18	4.09	33.81	7.57	.25
89/03/14	16:05	03/15	02:04	57-49.0S	149-59.6	3300	2.2	-3.0	9.3	12.18	4.01	33.76	7.57	.25
89/03/14	16:10	03/15	02:09	57-48.2S	149-59.7	3288	2.2	-3.0	9.3	12.18	4.01	33.76	7.56	.25
89/03/14	16:15	03/15	02:14	57-47.5S	149-59.8	3325	2.3	-3.0	9.2	12.10	4.01	33.76	7.58	.25
89/03/14	16:20	03/15	02:19	57-46.6S	149-59.8	3361	2.3	-3.0	9.0	12.10	3.92	33.81	7.57	.25
89/03/14	16:25	03/15	02:24	57-45.4S	149-58.7	3435	2.4	-3.0	9.2	12.18	3.92	33.81	7.56	.25
89/03/14	16:30	03/15	02:29	57-44.7S	149-58.7	3402	2.4	-3.0	9.2	12.10	3.84	33.77	7.52	.24
89/03/14	16:35	03/15	02:34	57-43.9S	149-58.8	3470	2.4	-3.0	9.1	12.18	3.92	33.81	7.50	.24
89/03/14	16:40	03/15	02:39	57-43.1S	149-58.8	3363	2.4	-3.0	9.1	12.10	4.09	33.81	7.54	.24
89/03/14	16:45	03/15	02:44	57-42.4S	149-58.8	3425	2.4	-3.0	9.1	12.10	4.09	33.81	7.59	.24
89/03/14	16:50	03/15	02:49	57-41.6S	149-58.9	3355	2.3	-3.0	9.4	12.10	4.01	33.76	7.55	.24
89/03/14	16:55	03/15	02:54	57-40.6S	149-58.9	3318	2.2	-3.0	9.3	12.10	3.92	33.81	7.55	.24
89/03/14	17:00	03/15	02:59	57-40.0S	149-58.9	3393	2.2	-3.0	9.3	12.18	3.84	33.86	7.59	.24
89/03/14	17:05	03/15	03:04	57-39.3S	149-58.9	3163	2.2	-3.0	9.2	12.10	3.84	33.77	7.57	.25
89/03/14	17:10	03/15	03:09	57-38.5S	149-58.9	3174	2.1	-3.0	9.1	12.18	3.84	33.77	7.53	.25
89/03/14	17:15	03/15	03:14	57-37.4S	149-58.6	3162	2.1	-3.0	9.0	12.10	3.84	33.77	7.52	.25
89/03/14	17:20	03/15	03:19	57-36.6S	149-58.6	3264	2.1	-3.0	9.1	12.18	3.84	33.77	7.49	.25
89/03/14	17:25	03/15	03:24	57-35.9S	149-58.6	3298	2.1	-3.0	8.7	12.10	3.84	33.77	7.50	.25
89/03/14	17:30	03/15	03:29	57-35.1S	149-58.6	3426	2.1	-3.0	8.9	12.10	3.75	33.82	7.53	.25
89/03/14	17:35	03/15	03:34	57-34.3S	149-58.6	3250	2.1	-3.0	9.1	12.10	3.75	33.82	7.53	.25
89/03/14	17:40	03/15	03:39	57-33.5S	149-58.6	3261	2.1	-3.0	9.1	12.10	3.84	33.77	7.56	.25
89/03/14	17:45	03/15	03:44	57-33.1S	149-58.0	3258	2.2	-3.0	9.0	12.18	3.84	33.77	7.60	.25
89/03/14	17:50	03/15	03:49	57-32.3S	149-58.0	3231	2.2	-3.0	9.2	12.10	3.92	33.81	7.60	.25
89/03/14	17:55	03/15	03:54	57-31.6S	149-58.0	3230	2.3	-3.0	9.0	12.18	3.92	33.81	7.59	.24
89/03/14	18:00	03/15	03:59	57-30.6S	149-57.9	3284	2.2	-3.0	8.7	12.10	3.92	33.81	7.56	.25
89/03/14	18:05	03/15	04:04	57-30.1S	149-58.0	0	2.2	-3.0	8.8	12.10	3.84	33.77	7.55	.25
89/03/14	18:10	03/15	04:09	57-29.3S	149-58.0	3306	2.2	-3.0	8.8	12.10	3.92	33.81	7.55	.25
89/03/14	18:15	03/15	04:14	57-28.6S	149-58.0	3259	2.2	-3.0	9.2	12.10	3.92	33.81	7.53	.24
89/03/14	18:20	03/15	04:19	57-27.8S	149-58.1	3278	2.2	-3.0	9.4	12.10	3.92	33.81	7.53	.25
89/03/14	18:25	03/15	04:24	57-27.0S	149-58.1	3269	2.3	-3.0	9.0	12.10	3.92	33.81	7.59	.24
89/03/14	18:30	03/15	04:29	57-26.2S	149-58.1	3364	2.3	-3.0	8.8	12.10	4.09	33.81	7.66	.24
89/03/14	18:35	03/15	04:34	57-25.5S	149-58.2	3317	2.4	-3.0	9.3	12.10	4.18	33.75	7.68	.23
89/03/14	18:40	03/15	04:39	57-24.2S	149-57.3	3316	2.4	-3.0	9.5	12.10	4.09	33.81	7.63	.22
89/03/14	18:45	03/15	04:44	57-23.5S	149-57.3	3308	2.4	-3.0	9.5	12.10	4.09	33.81	7.59	.22
89/03/14	18:50	03/15	04:49	57-22.6S	149-57.3	3345	2.4	-3.0	9.2	12.18	4.18	33.75	7.56	.22
89/03/14	18:55	03/15	04:54	57-21.6S	149-57.3	3293	2.5	-3.0	9.0	12.18	4.18	33.75	7.56	.22
89/03/14	19:00	03/15	04:59	57-21.1S	149-57.3	3438	2.7	-3.0	9.2	12.10	4.18	33.75	7.52	.22
89/03/14	19:05	03/15	05:04	57-20.3S	149-57.3	3562	3.0	-3.0	8.4	12.18	4.26	33.79	7.57	.22
89/03/14	19:10	03/15	05:09	57-19.6S	149-57.3	3408	3.1	-3.0	8.2	12.18	4.35	33.74	7.57	.22
89/03/14	19:15	03/15	05:14	57-18.8S	149-57.3	3399	2.8	-3.0	8.6	12.10	4.35	33.74	7.60	.23
89/03/14	19:20	03/15	05:19	57-18.1S	149-57.2	3406	2.7	-3.0	8.4	12.10	4.26	33.79	7.80	.22
89/03/14	19:25	03/15	05:24	57-17.4S	149-57.2	3406	2.5	-3.0	8.1	12.18	4.18	33.75	7.55	.22
89/03/14	19:30	03/15	05:29	57-16.4S	149-57.2	3431	2.4	-3.0	7.9	12.10	4.18	33.75	7.56	.22
89/03/14	19:35	03/15	05:34	57-15.7S	149-57.1	3470	2.3	-3.0	7.9	12.18	4.18	33.75	7.53	.22
89/03/14	19:40	03/15	05:39	57-15.0S	149-57.1	3587	2.3	-3.0	7.8	12.10	4.09	33.81	7.51	.22

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]
89/03/14	19:45	03/15	05:44	57-14.3S	149-56.9	3507	2.3	-3.0	8.1	12.10	4.09	33.81	7.46	.22
89/03/14	19:50	03/15	05:49	57-13.6S	149-56.9	3382	2.4	-3.0	8.0	12.18	4.09	33.81	7.42	.22
89/03/14	19:55	03/15	05:54	57-13.0S	149-56.8	3509	2.4	-3.0	7.2	12.10	4.09	33.81	7.44	.22
89/03/14	20:00	03/15	05:59	57-12.2S	149-56.6	3536	2.4	-3.0	8.2	12.03	4.09	33.81	7.48	.23
89/03/14	20:05	03/15	06:04	57-11.5S	149-56.5	3461	2.4	-3.0	7.9	12.10	4.09	33.81	7.48	.23
89/03/14	20:10	03/15	06:09	57-10.9S	149-56.4	3547	2.4	-3.0	8.1	12.03	4.18	33.76	7.43	.23
89/03/14	20:15	03/15	06:14	57-10.1S	149-56.3	3519	2.4	-3.0	8.2	12.10	4.18	33.84	7.50	.23
89/03/14	20:20	03/15	06:19	57-09.5S	149-56.1	3488	2.4	-3.0	8.0	12.10	4.26	33.79	7.51	.23
89/03/14	20:25	03/15	06:24	57-08.6S	149-59.5	3461	2.6	-3.0	7.5	12.10	4.35	33.84	7.56	.23
89/03/14	20:30	03/15	06:29	57-08.0S	149-59.4	3522	2.6	-3.0	7.6	12.18	4.35	33.84	7.58	.23
89/03/14	20:35	03/15	06:34	57-07.3S	149-59.4	3441	2.5	-3.0	8.5	12.18	4.26	33.79	7.62	.24
89/03/14	20:40	03/15	06:39	57-06.5S	149-59.3	3387	2.5	-3.0	8.5	12.18	4.26	33.79	7.63	.25
89/03/14	20:45	03/15	06:44	57-05.8S	149-59.3	3480	2.5	-3.0	8.7	12.18	4.18	33.75	7.67	.25
89/03/14	20:50	03/15	06:49	57-05.0S	149-59.3	3396	2.6	-3.0	8.8	12.18	4.18	33.75	7.59	.24
89/03/14	20:55	03/15	06:54	57-03.4S	149-58.6	3415	2.7	-3.0	8.8	12.18	4.35	33.84	7.52	.23
89/03/14	21:00	03/15	06:59	57-02.6S	149-58.6	3465	2.7	-3.0	8.5	12.25	4.52	33.82	7.54	.22
89/03/14	21:05	03/15	07:04	57-01.9S	149-58.6	3519	2.7	-3.0	8.4	12.25	4.52	33.82	7.54	.22
89/03/14	21:10	03/15	07:09	57-01.1S	149-58.5	3486	2.6	-3.0	8.7	12.18	4.60	33.77	7.55	.22
89/03/14	21:15	03/15	07:14	57-00.3S	149-58.5	3318	2.6	-3.0	8.9	12.18	4.60	33.77	7.52	.22
89/03/14	21:20	03/15	07:19	56-59.5S	149-58.3	3320	2.7	-3.0	8.5	12.25	4.60	33.77	7.54	.22
89/03/14	21:25	03/15	07:24	56-58.8S	149-58.0	3402	2.8	-3.0	8.4	12.25	4.52	33.82	7.53	.21
89/03/14	21:30	03/15	07:29	56-58.0S	149-57.8	3465	2.9	-3.0	8.4	12.25	4.52	33.82	7.49	.21
89/03/14	21:35	03/15	07:34	56-57.3S	149-57.5	3457	2.9	-3.0	8.1	12.33	4.60	33.77	7.55	.21
89/03/14	21:40	03/15	07:39	56-56.6S	149-57.3	3447	2.9	-3.0	8.6	12.25	4.52	33.82	7.63	.22
89/03/14	21:45	03/15	07:44	56-55.8S	149-57.3	3409	2.9	-3.0	8.3	12.25	4.52	33.82	7.56	.21
89/03/14	21:50	03/15	07:49	56-55.0S	149-57.2	3384	2.9	-3.0	8.1	12.25	4.60	33.77	7.51	.21
89/03/14	21:55	03/15	07:54	56-54.2S	149-57.2	3384	2.9	-3.0	8.2	12.18	4.68	33.82	7.58	.20
89/03/14	22:00	03/15	07:59	56-53.5S	149-57.2	3426	2.8	-3.0	8.0	12.18	4.68	33.82	7.54	.20
89/03/14	22:05	03/15	08:04	56-52.7S	149-57.1	3479	2.8	-3.0	8.5	12.18	4.77	33.86	7.59	.20
89/03/14	22:10	03/15	08:09	56-52.1S	149-57.1	3456	2.8	-3.0	8.4	12.18	4.85	33.81	7.55	.19
89/03/14	22:15	03/15	08:14	56-51.2S	149-57.1	3558	2.7	-3.0	8.5	12.18	4.94	33.84	7.59	.19
89/03/14	22:20	03/15	08:19	56-50.4S	149-57.0	3404	2.7	-3.0	8.3	12.18	4.94	33.84	7.54	.19
89/03/14	22:25	03/15	08:24	56-49.6S	149-56.9	3424	2.8	-3.0	8.4	12.18	4.94	33.84	7.52	.19
89/03/14	22:30	03/15	08:29	56-48.9S	149-56.9	3448	2.8	-3.0	8.3	12.18	5.02	33.80	7.54	.19
89/03/14	22:35	03/15	08:35	56-48.1S	150-00.4	3456	2.8	-3.0	8.2	12.18	5.02	33.80	7.52	.18
89/03/14	22:40	03/15	08:40	56-44.2S	150-00.6	3435	2.9	-3.0	8.3	12.18	5.02	33.80	7.43	.18
89/03/14	22:45	03/15	08:45	56-43.3S	150-00.7	3416	3.0	-3.0	8.5	12.10	5.02	33.80	7.66	.19
89/03/14	22:50	03/15	08:50	56-42.4S	150-00.8	3425	3.1	-3.0	8.1	12.10	5.02	33.80	7.39	.19
89/03/14	22:55	03/15	08:55	56-41.5S	150-00.8	3375	3.2	-3.0	8.6	12.10	5.02	33.80	7.39	.18
89/03/14	23:00	03/15	09:00	56-40.6S	150-01.0	3396	3.2	-3.0	8.3	12.18	5.02	33.80	7.32	.18
89/03/14	23:05	03/15	09:05	56-39.8S	150-01.0	3367	3.3	-3.0	8.1	12.18	4.94	33.84	7.37	.18
89/03/14	23:10	03/15	09:09	56-41.5S	149-59.0	3419	3.3	-3.0	8.0	12.18	4.94	33.84	7.49	.18
89/03/14	23:15	03/15	09:14	56-40.7S	149-59.0	3464	3.3	-3.0	7.8	12.10	4.94	33.84	7.44	.18
89/03/14	23:20	03/15	09:19	56-39.9S	149-59.0	3531	3.3	-3.0	8.0	12.10	4.68	33.82	7.61	.20
89/03/14	23:25	03/15	09:24	56-39.2S	149-59.1	3466	3.2	-3.0	7.1	12.10	4.52	33.82	7.72	.21
89/03/14	23:30	03/15	09:29	56-38.4S	149-59.1	3510	3.1	-3.0	7.7	12.10	4.52	33.74	7.57	.20
89/03/14	23:35	03/15	09:34	56-37.6S	149-59.1	3548	3.1	-3.0	7.7	12.10	4.52	33.74	7.76	.20
89/03/14	23:40	03/15	09:39	56-36.7S	149-59.1	3471	3.1	-3.0	7.8	12.18	4.52	33.82	7.70	.21
89/03/14	23:45	03/15	09:44	56-36.0S	149-59.1	3555	3.0	-3.0	7.5	12.18	4.52	33.82	7.67	.20
89/03/14	23:50	03/15	09:49	56-35.4S	149-59.2	355	3.0	-3.0	7.8	12.18	4.52	33.82	7.64	.21
89/03/14	23:55	03/15	09:54	56-34.6S	149-59.2	3527	2.9	-3.0	7.9	12.18	4.52	33.74	7.79	.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]
89/03/15	00:00	03/15	09:59	56-33.9S	149-59.2	3446	2.8	-3.0	7.5	12.10	4.43	33.79	7.77	.22
89/03/15	00:05	03/15	10:04	56-33.0S	149-59.3	3450	2.7	-3.0	8.0	12.10	4.35	33.84	7.80	.23
89/03/15	00:10	03/15	10:09	56-32.4S	149-59.3	3445	2.7	-3.0	8.0	12.10	4.26	33.79	7.67	.23
89/03/15	00:15	03/15	10:14	56-31.4S	149-59.3	3477	2.7	-3.0	8.2	12.10	4.01	33.76	7.62	.23
89/03/15	00:20	03/15	10:19	56-30.8S	149-59.6	3620	3.4	-3.0	8.5	12.10	3.58	33.83	7.41	.20
89/03/15	00:25	03/15	10:24	56-27.6S	149-57.1	3619	3.8	-3.0	9.7	12.10	3.24	33.75	7.18	.20
89/03/15	00:30	03/15	10:29	56-27.0S	149-58.3	3500	3.4	-3.0	5.4	12.10	3.24	33.75	7.18	.20
89/03/15	00:35	03/15	10:34	56-26.5S	149-59.0	3461	3.1	-3.0	5.3	12.18	3.15	33.81	7.22	.20
89/03/15	00:40	03/15	10:39	56-26.2S	149-59.6	3500	2.9	-3.0	2.6	12.18	3.07	33.86	7.22	.20
89/03/15	00:45	03/15	10:44	56-25.9S	149-59.8	3447	2.8	-3.0	1.4	12.18	3.15	33.81	7.37	.21
89/03/15	00:50	03/15	10:49	56-25.6S	149-59.9	3453	2.4	-3.0	1.1	12.18	3.15	33.81	7.36	.21
89/03/15	00:55	03/15	10:55	56-28.8S	150-00.2	3470	2.2	-3.0	.6	12.18	3.15	33.81	7.39	.21
89/03/15	01:00	03/15	11:00	56-28.6S	150-00.3	3513	2.2	-3.0	.9	12.18	3.15	33.81	7.41	.21
89/03/15	01:05	03/15	11:05	56-28.5S	150-00.4	3545	2.2	-3.0	.8	12.18	3.15	33.81	7.36	.21
89/03/15	01:10	03/15	11:10	56-28.4S	150-00.4	3561	2.2	-3.0	1.0	12.18	3.15	33.81	7.34	.20
89/03/15	01:15	03/15	11:15	56-28.0S	150-00.4	3562	2.2	-3.0	8.1	12.18	3.07	33.86	7.27	.20
89/03/15	01:20	03/15	11:20	56-27.0S	150-00.9	3615	2.2	-3.0	10.2	12.18	3.15	33.81	7.31	.20
89/03/15	01:25	03/15	11:25	56-26.2S	150-01.4	3659	2.2	-3.0	9.5	12.18	3.24	33.85	7.42	.23
89/03/15	01:30	03/15	11:30	56-25.6S	150-01.7	3679	2.2	-3.0	5.8	12.18	3.50	33.79	7.53	.23
89/03/15	01:35	03/15	11:35	56-25.0S	150-01.8	3627	1.9	-3.0	6.1	12.18	3.24	33.85	7.40	.21
89/03/15	01:40	03/15	11:40	56-24.1S	150-01.7	3583	1.8	-3.0	6.4	12.18	3.15	33.81	7.33	.20
89/03/15	01:45	03/15	11:45	56-23.3S	150-01.8	3576	1.8	-3.0	6.8	12.18	3.15	33.81	7.30	.20
89/03/15	01:50	03/15	11:50	56-22.8S	150-01.8	3574	1.7	-3.0	6.7	12.18	3.07	33.86	7.31	.20
89/03/15	01:55	03/15	11:55	56-22.1S	150-01.8	3617	1.6	-3.0	6.9	12.18	3.07	33.76	7.31	.20
89/03/15	02:00	03/15	12:00	56-21.5S	150-01.9	3614	1.6	-3.0	6.7	12.18	3.07	33.76	7.33	.20
89/03/15	02:05	03/15	12:05	56-19.4S	150-00.8	3640	1.5	-3.0	6.9	12.18	3.07	33.76	7.38	.20
89/03/15	02:10	03/15	12:10	56-18.8S	150-00.8	3627	1.6	-3.0	7.0	12.18	3.24	33.85	7.48	.24
89/03/15	02:15	03/15	12:15	56-18.1S	150-00.8	3635	1.5	-3.0	6.7	12.18	3.50	33.79	7.66	.25
89/03/15	02:20	03/15	12:20	56-17.3S	150-00.8	3658	1.5	-3.0	7.1	12.18	3.40	33.84	7.54	.22
89/03/15	02:25	03/15	12:25	56-16.6S	150-00.8	3725	1.5	-3.0	6.5	12.18	3.40	33.75	7.54	.22
89/03/15	02:30	03/15	12:30	56-16.0S	150-00.8	3827	1.4	-3.0	7.0	12.10	3.32	33.80	7.51	.22
89/03/15	02:35	03/15	12:35	56-15.2S	150-00.7	3708	1.4	-3.0	6.5	12.18	3.32	33.80	7.53	.22
89/03/15	02:40	03/15	12:40	56-14.5S	150-00.7	3675	1.4	-3.0	6.4	12.18	3.32	33.80	7.58	.23
89/03/15	02:45	03/15	12:45	56-13.9S	150-00.7	3649	1.5	-3.0	5.2	12.18	3.32	33.80	7.59	.23
89/03/15	02:50	03/15	12:50	56-13.3S	150-00.6	3675	1.7	-3.0	6.5	12.18	3.32	33.80	7.67	.23
89/03/15	02:55	03/15	12:55	56-12.6S	150-00.5	3736	1.7	-3.0	6.8	12.18	3.40	33.75	7.68	.23
89/03/15	03:00	03/15	13:00	56-11.9S	150-00.5	3683	1.5	-3.0	6.9	12.18	3.50	33.79	7.68	.23
89/03/15	03:05	03/15	13:05	56-14.2S	150-04.1	3736	1.7	-3.0	6.5	12.10	3.58	33.74	7.66	.24
89/03/15	03:10	03/15	13:10	56-13.6S	150-04.3	3649	1.9	-3.0	6.4	12.18	3.67	33.78	7.69	.24
89/03/15	03:15	03/15	13:15	56-13.0S	150-04.4	3647	1.9	-3.0	6.6	12.10	3.84	33.77	7.77	.26
89/03/15	03:20	03/15	13:20	56-12.4S	150-04.4	3702	1.8	-3.0	7.0	12.18	3.92	33.81	7.78	.27
89/03/15	03:25	03/15	13:25	56-11.6S	150-04.5	3653	2.3	-3.0	6.7	12.18	4.01	33.76	7.79	.26
89/03/15	03:30	03/15	13:30	56-10.9S	150-04.6	3653	2.6	-3.0	7.4	12.10	4.18	33.75	7.82	.26
89/03/15	03:35	03/15	13:35	56-10.4S	150-04.2	3693	2.3	-3.0	5.7	12.18	4.18	33.75	7.81	.26
89/03/15	03:40	03/15	13:40	56-10.0S	150-03.8	3709	2.3	-3.0	5.5	12.10	4.18	33.75	8.10	.23
89/03/15	03:45	03/15	13:45	56-09.5S	150-03.4	3619	2.4	-3.0	5.5	12.10	4.26	33.79	8.19	.22
89/03/15	03:50	03/15	13:50	56-09.2S	150-03.1	3703	2.8	-3.0	4.7	12.18	4.35	33.74	8.11	.21
89/03/15	03:55	03/15	13:55	56-08.8S	150-02.7	3748	3.1	-3.0	5.5	12.18	4.35	33.74	8.18	.20
89/03/15	04:00	03/15	14:00	56-08.3S	150-02.3	3772	3.2	-3.0	5.7	12.10	4.35	33.74	8.23	.20
89/03/15	04:05	03/15	14:05	56-07.9S	150-01.9	3677	3.2	-3.0	5.8	12.18	4.26	33.79	8.24	.20
89/03/15	04:10	03/15	14:10	56-07.4S	150-01.6	3783	3.3	-3.0	5.9	12.18	4.26	33.79	8.51	.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]
89/03/15	04:15	03/15	14:15	56-07.0S	150-01.1	3763	3.4	-3.0	5.4	12.18	4.35	33.74	8.33	.20
89/03/15	04:20	03/15	14:20	56-06.8S	150-00.8	3722	3.3	-3.0	5.2	12.18	4.35	33.74	8.34	.20
89/03/15	04:25	03/15	14:25	56-06.2S	150-00.4	3620	3.3	-3.0	5.4	12.10	4.43	33.79	8.59	.21
89/03/15	04:30	03/15	14:30	56-05.8S	150-00.1	3652	3.4	-3.0	5.4	12.03	4.52	33.74	7.90	.20
89/03/15	04:35	03/15	14:34	56-05.3S	149-59.7	3651	3.4	-3.0	5.8	12.03	4.80	33.77	8.39	.20
89/03/15	04:40	03/15	14:39	56-04.9S	149-59.3	3640	3.3	-3.0	5.6	12.10	4.68	33.82	8.47	.20
89/03/15	04:45	03/15	14:44	56-04.5S	149-59.0	3697	3.3	-3.0	5.4	12.03	4.68	33.82	8.12	.19
89/03/15	04:50	03/15	14:49	56-04.1S	149-58.6	3710	3.2	-3.0	5.2	12.03	4.77	33.77	8.34	.20
89/03/15	04:55	03/15	14:54	56-02.8S	149-59.8	3674	3.2	-3.0	5.0	12.03	4.77	33.77	7.97	.20
89/03/15	05:00	03/15	14:59	56-02.3S	149-59.6	3627	3.2	-3.0	5.9	11.95	4.77	33.77	8.43	.20
89/03/15	05:05	03/15	15:04	56-01.9S	149-59.2	3712	3.3	-3.0	5.3	12.03	4.77	33.77	8.17	.20
89/03/15	05:10	03/15	15:09	56-01.4S	149-58.9	3624	3.3	-3.0	5.6	12.03	4.94	33.75	8.43	.19
89/03/15	05:15	03/15	15:14	56-01.0S	149-58.6	3618	3.3	-3.0	4.8	12.03	5.11	33.75	8.31	.18
89/03/15	05:20	03/15	15:19	56-00.5S	149-58.3	3652	3.3	-3.0	5.7	11.95	5.19	33.79	7.87	.18
89/03/15	05:25	03/15	15:24	56-00.1S	149-58.0	3682	3.2	-3.0	5.4	11.95	5.28	33.82	8.06	.18
89/03/15	05:30	03/15	15:29	56-59.6S	149-57.7	3680	3.2	-3.0	6.0	11.95	5.36	33.77	8.08	.18
89/03/15	05:35	03/15	15:34	56-59.2S	149-57.4	3616	3.2	-3.0	5.7	11.95	5.36	33.77	8.02	.17
89/03/15	05:40	03/15	15:39	56-58.7S	149-57.1	3766	3.3	-3.0	6.0	11.95	5.45	33.75	8.54	.18
89/03/15	05:45	03/15	15:44	56-58.2S	149-56.7	3780	3.2	-3.0	5.5	11.95	5.53	33.77	7.82	.17
89/03/15	05:50	03/15	15:49	56-57.8S	149-56.4	3664	3.2	-3.0	5.7	11.95	5.53	33.77	7.92	.17
89/03/15	05:55	03/15	15:54	56-57.2S	149-56.0	3658	3.2	-3.0	6.3	12.03	5.53	33.77	8.55	.17
89/03/15	06:00	03/15	15:59	56-56.8S	149-55.7	3731	3.3	-3.0	6.1	12.03	5.53	33.77	8.21	.17
89/03/15	06:05	03/15	16:04	56-56.3S	149-55.5	3773	3.3	-3.0	6.9	12.03	5.53	33.77	8.40	.17
89/03/15	06:10	03/15	16:09	56-55.8S	149-55.6	3674	3.2	-3.0	7.4	12.03	5.61	33.81	7.81	.17
89/03/15	06:15	03/15	16:14	56-55.0S	149-55.6	3712	3.2	-3.0	7.1	12.03	5.70	33.75	7.42	.17
89/03/15	06:20	03/15	16:19	56-54.3S	149-55.7	3663	3.1	-3.0	7.2	11.95	5.79	33.79	7.43	.17
89/03/15	06:25	03/15	16:24	56-53.6S	149-55.7	3632	3.2	-3.0	6.8	11.95	5.88	33.75	7.40	.17
89/03/15	06:30	03/15	16:29	56-53.0S	149-55.9	3693	3.2	-3.0	6.8	11.95	5.79	33.79	7.47	.17
89/03/15	06:35	03/15	16:34	56-52.3S	149-56.1	3722	3.3	-3.0	7.9	11.95	5.70	33.75	7.36	.17
89/03/15	06:40	03/15	16:39	56-51.4S	149-55.9	3806	3.5	-3.0	7.3	12.03	5.96	33.79	7.40	.17
89/03/15	06:45	03/15	16:44	56-50.6S	149-56.2	3907	3.4	-3.0	7.8	12.03	6.13	33.77	7.40	.16
89/03/15	06:50	03/15	16:49	56-50.0S	149-56.5	3776	3.5	-3.0	6.8	11.95	6.22	33.72	7.39	.16
89/03/15	06:55	03/15	16:54	56-49.3S	149-56.7	3670	3.3	-3.0	7.2	11.95	6.22	33.72	7.36	.16
89/03/15	07:00	03/15	16:59	56-48.7S	149-57.3	3647	3.6	-3.0	8.9	11.95	6.22	33.81	7.33	.16
89/03/15	07:05	03/15	17:04	56-48.1S	149-58.0	3734	3.6	-3.0	7.1	11.95	6.22	33.72	7.33	.16
89/03/15	07:10	03/15	17:09	56-47.5S	149-58.7	0	3.5	-3.0	7.2	11.95	6.13	33.77	7.30	.16
89/03/15	07:15	03/15	17:14	56-47.0S	149-59.3	3673	3.6	-3.0	7.1	11.95	6.13	33.77	7.40	.16
89/03/15	07:20	03/15	17:19	56-46.4S	149-59.9	0	3.7	-3.0	7.0	11.95	6.13	33.77	7.32	.16
89/03/15	07:25	03/15	17:25	56-45.8S	150-00.5	3767	3.6	-3.0	7.0	12.03	6.22	33.72	7.32	.16
89/03/15	07:30	03/15	17:30	56-45.2S	150-01.2	3713	3.6	-3.0	7.0	12.03	6.22	33.72	7.28	.16
89/03/15	07:35	03/15	17:35	56-44.6S	150-01.9	3690	3.6	-3.0	7.0	12.03	6.13	33.77	7.26	.16
89/03/15	07:40	03/15	17:40	56-44.3S	150-03.7	3684	3.7	-3.0	7.1	12.03	6.22	33.72	7.25	.16
89/03/15	07:45	03/15	17:45	56-43.7S	150-04.4	3701	3.9	-3.0	7.2	11.95	6.39	33.72	7.28	.16
89/03/15	07:50	03/15	17:50	56-43.1S	150-05.0	3687	3.9	-3.0	7.1	11.95	6.81	33.73	7.38	.16
89/03/15	07:55	03/15	17:55	56-42.5S	150-05.8	3675	3.9	-3.0	7.1	11.95	7.06	33.78	7.53	.17
89/03/15	08:00	03/15	18:00	56-41.9S	150-08.5	3696	3.9	-3.0	7.6	11.95	7.15	33.80	7.48	.16
89/03/15	08:05	03/15	18:05	56-41.3S	150-07.1	3668	4.0	-3.0	7.0	11.95	7.23	33.75	7.45	.16
89/03/15	08:10	03/15	18:10	56-40.8S	150-07.9	3657	4.1	-3.0	7.7	11.95	7.32	33.79	7.43	.16
89/03/15	08:15	03/15	18:15	56-40.2S	150-08.6	3694	4.1	-3.0	7.1	11.95	7.40	33.74	7.37	.16
89/03/15	08:20	03/15	18:20	56-39.6S	150-09.3	3602	4.1	-3.0	7.3	11.95	7.32	33.79	7.35	.16
89/03/15	08:25	03/15	18:25	56-39.0S	150-09.9	3634	4.2	-3.0	7.0	11.88	7.32	33.79	7.28	.16

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]
89/03/15	08:30	03/15	18:30	55-38.5S	150-10.6	3785	4.2	-3.0	7.4	11.95	7.23	33.83	7.28	.16
89/03/15	08:35	03/15	18:35	55-37.9S	150-11.3	3736	4.1	-3.0	7.5	11.95	7.32	33.79	7.26	.16
89/03/15	08:40	03/15	18:40	55-37.3S	150-12.1	3705	4.1	-3.0	7.4	11.95	7.32	33.79	7.30	.16
89/03/15	08:45	03/15	18:45	55-36.7S	150-12.8	3743	4.1	-3.0	7.4	11.95	7.23	33.75	7.27	.16
89/03/15	08:50	03/15	18:50	55-36.1S	150-13.4	3787	4.1	-3.0	7.7	11.95	7.15	33.80	7.24	.16
89/03/15	08:55	03/15	18:55	55-35.5S	150-13.8	3770	4.1	-3.0	5.0	11.88	7.06	33.76	7.18	.16
89/03/15	09:00	03/15	19:00	55-35.1S	150-13.5	3754	4.0	-3.0	4.8	11.88	7.15	33.80	7.38	.16
89/03/15	09:05	03/15	19:05	55-34.7S	150-13.2	3801	4.0	-3.0	5.2	11.88	7.15	33.80	7.52	.16
89/03/15	09:10	03/15	19:10	55-34.2S	150-13.0	3863	4.0	-3.0	4.8	11.95	7.06	33.76	7.56	.16
89/03/15	09:15	03/15	19:15	55-33.7S	150-12.8	3868	4.0	-3.0	5.9	11.88	7.06	33.76	7.54	.16
89/03/15	09:20	03/15	19:20	55-33.2S	150-12.6	3830	4.0	-3.0	5.7	11.95	7.15	33.80	9.06	.16
89/03/15	09:25	03/15	19:25	55-32.7S	150-12.4	4125	4.0	-3.0	6.3	11.88	7.06	33.76	7.75	.16
89/03/15	09:30	03/15	19:30	55-31.8S	150-11.2	3861	4.0	-3.0	6.2	11.95	7.06	33.76	8.69	.16
89/03/15	09:35	03/15	19:35	55-31.3S	150-10.9	3877	3.9	-3.0	6.5	11.95	7.15	33.80	7.98	.16
89/03/15	09:40	03/15	19:40	55-30.8S	150-10.6	3896	4.0	-3.0	5.6	11.95	7.32	33.79	8.04	.16
89/03/15	09:45	03/15	19:45	55-30.2S	150-10.3	3842	4.0	-3.0	5.9	11.88	7.40	33.74	8.04	.16
89/03/15	09:50	03/15	19:50	55-29.8S	150-09.9	3798	4.1	-3.0	5.9	11.88	7.49	33.77	8.33	.16
89/03/15	09:55	03/15	19:55	55-29.3S	150-09.5	3740	4.2	-3.0	5.5	11.88	7.49	33.77	8.18	.16
89/03/15	10:00	03/15	20:00	55-28.8S	150-09.2	3750	4.2	-3.0	5.7	11.88	7.49	33.77	8.25	.16
89/03/15	10:05	03/15	20:05	55-28.3S	150-08.8	3826	4.2	-3.0	5.1	11.95	7.49	33.77	8.69	.16
89/03/15	10:10	03/15	20:10	55-27.9S	150-08.5	3833	4.2	-3.0	5.1	11.88	7.49	33.77	8.83	.16
89/03/15	10:15	03/15	20:15	55-27.4S	150-08.2	3878	4.3	-3.0	5.7	11.88	7.49	33.77	8.64	.17
89/03/15	10:20	03/15	20:20	55-26.9S	150-07.8	3954	4.4	-3.0	5.4	11.95	7.49	33.77	7.67	.16
89/03/15	10:25	03/15	20:25	55-26.5S	150-07.4	3983	4.4	-3.0	5.8	11.88	7.49	33.77	8.10	.16
89/03/15	10:30	03/15	20:30	55-26.0S	150-07.0	3925	4.4	-3.0	5.7	11.88	7.57	33.73	8.33	.16
89/03/15	10:35	03/15	20:35	55-25.5S	150-06.7	3832	4.5	-3.0	5.4	11.80	7.57	33.73	8.50	.16
89/03/15	10:40	03/15	20:40	55-25.0S	150-06.3	3629	4.5	-3.0	5.7	11.88	7.57	33.73	9.49	.17
89/03/15	10:45	03/15	20:45	55-24.5S	150-05.9	3623	4.5	-3.0	5.4	11.80	7.49	33.77	7.86	.16
89/03/15	10:50	03/15	20:50	55-24.1S	150-05.7	3519	4.4	-3.0	5.9	11.88	7.49	33.77	8.32	.16
89/03/15	10:55	03/15	20:55	55-23.6S	150-05.3	3550	4.5	-3.0	5.5	11.80	7.49	33.77	7.59	.16
89/03/15	11:00	03/15	21:00	55-23.1S	150-05.0	3499	4.4	-3.0	5.2	11.80	7.57	33.73	8.62	.16
89/03/15	11:05	03/15	21:05	55-22.6S	150-04.9	3394	4.2	-3.0	5.8	11.88	7.57	33.81	7.96	.16
89/03/15	11:10	03/15	21:10	55-22.1S	150-04.8	3206	3.9	-3.0	5.9	11.72	7.57	33.81	7.96	.16
89/03/15	11:15	03/15	21:15	55-21.8S	150-02.5	3168	4.2	-3.0	5.4	11.80	7.57	33.73	8.38	.16
89/03/15	11:20	03/15	21:20	55-21.3S	150-02.3	3221	4.2	-3.0	5.9	11.72	7.57	33.73	8.26	.16
89/03/15	11:25	03/15	21:25	55-20.8S	150-02.1	3225	4.2	-3.0	5.8	11.80	7.57	33.73	7.81	.16
89/03/15	11:30	03/15	21:30	55-20.2S	150-01.9	3446	4.3	-3.0	5.5	11.72	7.57	33.73	7.89	.15
89/03/15	11:35	03/15	21:35	55-19.7S	150-01.8	3366	3.7	-3.0	6.1	11.80	7.57	33.73	9.06	.16
89/03/15	11:40	03/15	21:40	55-19.1S	150-01.6	3299	3.8	-3.0	5.8	11.80	7.57	33.73	7.59	.16
89/03/15	11:45	03/15	21:45	55-18.5S	150-01.4	3322	4.1	-3.0	5.5	11.80	7.57	33.73	7.82	.16
89/03/15	11:50	03/15	21:50	55-18.0S	150-01.2	3422	4.2	-3.0	5.5	11.65	7.57	33.73	8.65	.16
89/03/15	11:55	03/15	21:55	55-17.5S	150-01.0	3595	4.3	-3.0	5.6	11.80	7.57	33.73	10.43	.17
89/03/15	12:00	03/15	22:00	55-16.9S	150-00.8	3649	4.1	-3.0	5.5	11.72	7.57	33.73	8.55	.16
89/03/15	12:05	03/15	22:05	55-18.4S	150-00.6	3653	4.2	-3.0	6.4	11.80	7.57	33.73	8.17	.16
89/03/15	12:10	03/15	22:10	55-15.8S	150-00.4	3694	4.2	-3.0	6.1	11.65	7.57	33.73	8.35	.16
89/03/15	12:15	03/15	22:15	55-15.2S	150-00.2	3873	3.6	-3.0	6.5	11.50	7.57	33.73	9.01	.16
89/03/15	12:20	03/15	22:20	55-14.6S	150-00.1	3846	3.6	-3.0	7.5	11.72	7.57	33.73	9.31	.16
89/03/15	12:25	03/15	22:25	55-13.9S	150-00.1	3825	4.0	-3.0	7.9	11.72	7.57	33.73	7.91	.16
89/03/15	12:30	03/15	22:30	55-13.2S	150-00.0	4029	4.1	-3.0	7.4	11.65	7.57	33.73	7.55	.16
89/03/15	12:35	03/15	22:34	55-12.5S	149-59.9	4000	4.2	-3.0	7.7	11.72	7.57	33.73	7.98	.16
89/03/15	12:40	03/15	22:39	55-11.8S	149-59.9	3925	4.2	-3.0	7.7	11.72	7.49	33.77	8.50	.16

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]
89/03/15	12:45	03/15	22:44	55-11.1S	149-59.9	3890	4.2	-3.0	7.3	11.72	7.49	33.77	7.47	.16
89/03/15	12:50	03/15	22:49	55-10.4S	149-59.9	3831	4.2	-3.0	7.8	11.65	7.49	33.77	7.66	.16
89/03/15	12:55	03/15	22:54	55-09.7S	149-59.8	3946	4.1	-3.0	8.1	11.72	7.49	33.77	8.86	.16
89/03/15	13:00	03/15	23:00	55-08.5S	150-04.3	3928	4.1	-3.0	8.1	11.72	7.49	33.77	8.42	.16
89/03/15	13:05	03/15	23:05	55-07.7S	150-04.4	3858	4.1	-3.0	8.2	11.72	7.49	33.77	7.68	.16
89/03/15	13:10	03/15	23:10	55-07.0S	150-04.6	3869	4.1	-3.0	8.0	11.72	7.49	33.77	7.67	.16
89/03/15	13:15	03/15	23:15	55-06.2S	150-04.7	3849	4.1	-3.0	6.6	11.72	7.49	33.77	8.04	.16
89/03/15	13:20	03/15	23:20	55-02.9S	150-02.6	3762	4.1	-3.0	5.6	11.57	7.49	33.77	9.10	.16
89/03/15	13:25	03/15	23:25	55-02.3S	150-02.7	3729	4.1	-3.0	5.6	11.65	7.49	33.77	9.12	.16
89/03/15	13:30	03/15	23:30	55-01.9S	150-03.5	3737	4.3	-3.0	5.8	11.57	7.49	33.77	7.84	.16
89/03/15	13:35	03/15	23:35	55-01.5S	150-04.3	3800	4.3	-3.0	5.0	11.57	7.49	33.77	7.49	.16
89/03/15	13:40	03/15	23:40	55-01.4S	150-04.6	0	4.2	-3.0	4.7	11.57	7.40	33.82	7.59	.16
89/03/15	13:45	03/15	23:45	55-01.2S	150-05.3	4300	4.2	-3.0	4.2	11.50	7.40	33.82	7.45	.16
89/03/15	13:50	03/15	23:50	55-00.7S	150-05.9	3710	4.2	-3.0	5.7	11.50	7.40	33.74	7.51	.16
89/03/15	13:55	03/15	23:55	55-00.2S	150-06.6	3720	4.1	-3.0	5.7	11.50	7.40	33.74	7.27	.16
89/03/15	14:00	03/16	00:00	55-00.0S	150-07.4	0	4.3	-3.0	3.9	11.50	7.40	33.74	7.24	.16
89/03/15	14:05	03/16	00:05	54-59.5S	150-07.8	3741	4.2	-3.0	7.2	11.50	7.40	33.74	7.76	.16
89/03/15	14:10	03/16	00:10	54-58.3S	150-07.6	3896	4.1	-3.0	12.6	11.50	7.40	33.74	7.18	.16
89/03/15	14:15	03/16	00:15	54-57.0S	150-07.5	3807	4.0	-3.0	13.7	11.42	7.40	33.74	7.14	.16
89/03/15	14:20	03/16	00:20	54-55.7S	150-07.4	3751	3.9	-3.0	13.6	11.42	7.40	33.74	7.12	.16
89/03/15	14:25	03/16	00:25	54-54.4S	150-07.3	3844	3.9	-3.0	12.6	11.42	7.40	33.74	7.15	.16
89/03/15	14:30	03/16	00:30	54-53.2S	150-07.3	3794	3.9	-3.0	13.4	11.42	7.40	33.82	7.22	.16
89/03/15	14:35	03/16	00:35	54-51.9S	150-07.1	3896	3.9	-3.0	13.0	11.50	7.49	33.77	7.14	.16
89/03/15	14:40	03/16	00:40	54-50.6S	150-07.1	3764	3.8	-3.0	13.7	11.50	7.57	33.73	7.20	.16
89/03/15	14:45	03/16	00:45	54-49.3S	150-07.0	3816	3.9	-3.0	12.9	11.42	7.57	33.81	7.14	.16
89/03/15	14:50	03/16	00:50	54-48.1S	150-06.9	3851	3.9	-3.0	12.5	11.42	7.57	33.81	7.27	.16
89/03/15	14:55	03/16	00:55	54-46.8S	150-07.0	3821	3.9	-3.0	12.7	11.42	7.57	33.73	7.27	.16
89/03/15	15:00	03/16	01:00	54-45.5S	150-07.1	3671	3.8	-3.0	13.7	11.50	7.49	33.77	7.17	.16
89/03/15	15:05	03/16	01:05	54-44.2S	150-07.1	3695	3.6	-3.0	13.8	11.42	7.49	33.77	7.32	.16
89/03/15	15:10	03/16	01:10	54-42.9S	150-07.2	3661	3.5	-3.0	13.7	11.50	7.49	33.77	7.15	.16
89/03/15	15:15	03/16	01:15	54-41.6S	150-07.1	3674	3.6	-3.0	13.5	11.42	7.40	33.74	7.11	.16
89/03/15	15:20	03/16	01:20	54-40.3S	150-07.2	3662	3.6	-3.0	12.2	11.42	7.40	33.74	7.05	.16
89/03/15	15:25	03/16	01:25	54-39.1S	150-06.9	4143	3.8	-3.0	13.3	11.50	7.40	33.74	7.43	.16
89/03/15	15:30	03/16	01:30	54-37.9S	150-06.7	4019	3.8	-3.0	12.2	11.50	7.40	33.74	7.30	.16
89/03/15	15:35	03/16	01:35	54-36.7S	150-06.7	3862	3.7	-3.0	13.8	11.50	7.40	33.74	7.35	.16
89/03/15	15:40	03/16	01:40	54-35.4S	150-06.8	4047	3.7	-3.0	13.5	11.50	7.49	33.77	7.24	.16
89/03/15	15:45	03/16	01:45	54-34.1S	150-06.7	3961	3.7	-3.0	13.5	11.50	7.49	33.77	7.43	.16
89/03/15	15:50	03/16	01:50	54-32.8S	150-06.7	3939	3.7	-3.0	12.7	11.50	7.49	33.77	7.28	.16
89/03/15	15:55	03/16	01:55	54-31.6S	150-06.7	3772	3.8	-3.0	13.1	11.50	7.49	33.77	7.14	.16
89/03/15	16:00	03/16	02:00	54-30.3S	150-06.8	3705	3.8	-3.0	14.0	11.42	7.40	33.74	7.34	.16
89/03/15	16:05	03/16	02:05	54-29.0S	150-06.6	3815	3.8	-3.0	13.3	11.50	7.40	33.82	7.13	.16
89/03/15	16:10	03/16	02:10	54-27.7S	150-06.5	3867	3.9	-3.0	13.2	11.50	7.49	33.77	7.11	.16
89/03/15	16:15	03/16	02:15	54-26.4S	150-06.4	3913	3.8	-3.0	13.7	11.50	7.40	33.82	7.23	.16
89/03/15	16:20	03/16	02:20	54-25.1S	150-06.4	3934	3.8	-3.0	13.1	11.50	7.49	33.77	7.09	.16
89/03/15	16:25	03/16	02:25	54-23.8S	150-06.4	3897	3.8	-3.0	13.0	11.57	7.40	33.74	7.15	.16
89/03/15	16:30	03/16	02:30	54-22.6S	150-06.4	3861	3.8	-3.0	12.8	11.57	7.40	33.74	7.09	.16
89/03/15	16:35	03/16	02:35	54-21.4S	150-06.4	3928	3.6	-3.0	12.5	11.57	7.32	33.79	7.12	.16
89/03/15	16:40	03/16	02:40	54-20.0S	150-06.2	3950	3.7	-3.0	13.3	11.57	7.32	33.79	7.11	.16
89/03/15	16:45	03/16	02:45	54-21.2S	150-03.8	4022	3.7	-3.0	12.8	11.57	7.32	33.70	7.13	.16
89/03/15	16:50	03/16	02:50	54-20.0S	150-03.7	4183	3.8	-3.0	13.1	11.50	7.32	33.79	7.15	.17
89/03/15	16:55	03/16	02:55	54-18.8S	150-03.5	4113	3.8	-3.0	12.0	11.50	7.23	33.75	7.12	.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]
89/03/15	17:00	03/16	03:00	54-17.6S	150-03.3	4234	3.8	-3.0	12.6	11.50	7.23	33.75	7.34	.17
89/03/15	17:05	03/16	03:05	54-16.4S	150-03.2	4042	3.8	-3.0	12.8	11.50	7.23	33.75	7.59	.17
89/03/15	17:10	03/16	03:10	54-15.2S	150-03.1	4072	3.8	-3.0	12.6	11.50	7.32	33.70	7.18	.17
89/03/15	17:15	03/16	03:15	54-14.0S	150-02.9	4192	3.8	-3.0	13.5	11.50	7.23	33.75	7.49	.17
89/03/15	17:20	03/16	03:20	54-12.1S	150-02.3	3941	3.9	-3.0	13.3	11.50	7.23	33.75	7.19	.17
89/03/15	17:25	03/16	03:25	54-10.9S	150-02.2	3804	3.9	-3.0	13.2	11.50	7.23	33.75	7.07	.17
89/03/15	17:30	03/16	03:30	54-09.6S	150-02.1	3917	3.9	-3.0	13.4	11.57	7.23	33.75	7.15	.17
89/03/15	17:35	03/16	03:35	54-08.4S	150-02.0	4002	4.0	-3.0	13.7	11.57	7.23	33.75	7.13	.17
89/03/15	17:40	03/16	03:40	54-07.1S	150-02.0	3997	4.0	-3.0	14.6	11.57	7.23	33.75	7.15	.16
89/03/15	17:45	03/16	03:45	54-05.7S	150-02.1	4025	4.0	-3.0	12.8	11.57	7.32	33.79	7.15	.16
89/03/15	17:50	03/16	03:50	54-04.4S	150-02.3	4065	3.9	-3.0	14.1	11.57	7.32	33.79	7.11	.16
89/03/15	17:55	03/16	03:55	54-03.1S	150-02.4	4060	3.8	-3.0	14.1	11.57	7.32	33.79	7.15	.16
89/03/15	18:00	03/16	04:00	54-01.8S	150-02.5	4034	3.8	-3.0	12.8	11.57	7.32	33.79	7.09	.16
89/03/15	18:05	03/16	04:05	54-00.5S	150-02.6	4105	3.8	-3.0	12.9	11.57	7.23	33.75	7.02	.16
89/03/15	18:10	03/16	04:10	53-59.3S	150-02.8	4113	3.9	-3.0	13.0	11.65	7.23	33.75	7.20	.17
89/03/15	18:15	03/16	04:15	53-58.0S	150-02.9	4226	3.8	-3.0	13.5	11.65	7.32	33.79	7.12	.17
89/03/15	18:20	03/16	04:20	53-56.7S	150-03.0	4197	3.9	-3.0	13.6	11.65	7.32	33.79	7.10	.17
89/03/15	18:25	03/16	04:25	53-55.4S	150-03.1	4109	3.9	-3.0	14.0	11.65	7.32	33.79	7.08	.16
89/03/15	18:30	03/16	04:30	53-53.0S	150-05.7	4013	3.9	-3.0	12.8	11.65	7.23	33.75	7.21	.16
89/03/15	18:35	03/16	04:35	53-51.7S	150-05.9	3937	3.8	-3.0	13.7	11.65	7.23	33.75	7.11	.16
89/03/15	18:40	03/16	04:40	53-50.3S	150-06.1	3921	3.9	-3.0	14.3	11.65	7.16	33.80	7.09	.16
89/03/15	18:45	03/16	04:45	53-49.0S	150-06.4	4000	3.9	-3.0	13.0	11.72	7.15	33.80	7.07	.16
89/03/15	18:50	03/16	04:50	53-47.7S	150-06.6	3935	4.0	-3.0	12.9	11.65	7.23	33.75	7.16	.16
89/03/15	18:55	03/16	04:55	53-46.4S	150-06.8	3987	4.1	-3.0	13.1	11.65	7.23	33.75	7.11	.16
89/03/15	19:00	03/16	05:00	53-45.1S	150-07.1	3947	4.2	-3.0	13.9	11.65	7.23	33.75	7.14	.16
89/03/15	19:05	03/16	05:05	53-43.6S	150-08.1	4025	4.2	-3.0	13.4	11.57	7.32	33.79	7.08	.16
89/03/15	19:10	03/16	05:10	53-42.3S	150-08.3	3838	4.2	-3.0	13.4	11.57	7.40	33.74	7.08	.16
89/03/15	19:15	03/16	05:15	53-40.9S	150-08.6	3940	4.3	-3.0	13.8	11.65	7.49	33.77	7.44	.16
89/03/15	19:20	03/16	05:20	53-39.6S	150-08.8	4039	4.3	-3.0	13.8	11.57	7.40	33.74	7.43	.16
89/03/15	19:25	03/16	05:25	53-38.3S	150-09.1	4175	4.4	-3.0	13.4	11.65	7.40	33.74	7.12	.16
89/03/15	19:30	03/16	05:30	53-37.0S	150-09.5	4020	4.4	-3.0	12.7	11.65	7.40	33.74	7.25	.16
89/03/15	19:35	03/16	05:35	53-35.8S	150-10.0	3962	4.4	-3.0	13.7	11.72	7.32	33.79	7.11	.16
89/03/15	19:40	03/16	05:40	53-34.5S	150-10.1	3849	4.4	-3.0	12.9	11.65	7.32	33.79	7.31	.16
89/03/15	19:45	03/16	05:45	53-33.2S	150-10.1	3758	4.5	-3.0	13.8	11.65	7.40	33.74	7.17	.16
89/03/15	19:50	03/16	05:50	53-31.9S	150-10.2	3875	4.6	-3.0	13.3	11.57	7.40	33.74	7.07	.16
89/03/15	19:55	03/16	05:55	53-30.6S	150-10.3	3897	4.6	-3.0	12.6	11.57	7.32	33.79	7.04	.16
89/03/15	20:00	03/16	06:00	53-29.3S	150-10.4	4006	4.6	-3.0	13.0	11.57	7.32	33.79	7.09	.16
89/03/15	20:05	03/16	06:05	53-28.4S	150-10.5	4005	4.6	-3.0	14.1	11.57	7.32	33.79	7.06	.16
89/03/15	20:10	03/16	06:10	53-27.1S	150-10.6	3908	4.7	-3.0	13.5	11.57	7.32	33.79	7.07	.16
89/03/15	20:15	03/16	06:15	53-25.8S	150-10.7	3829	4.7	-3.0	13.5	11.57	7.32	33.79	7.05	.16
89/03/15	20:20	03/16	06:20	53-24.5S	150-10.7	3896	4.8	-3.0	12.8	11.57	7.23	33.83	7.07	.16
89/03/15	20:25	03/16	06:25	53-23.2S	150-10.8	3877	4.8	-3.0	12.9	11.57	7.32	33.79	7.27	.16
89/03/15	20:30	03/16	06:30	53-22.0S	150-11.3	3927	4.9	-3.0	13.7	11.57	7.32	33.79	7.15	.16
89/03/15	20:35	03/16	06:35	53-20.8S	150-11.8	3815	4.8	-3.0	12.8	11.65	7.40	33.82	7.10	.16
89/03/15	20:40	03/16	06:40	53-19.7S	150-13.1	3842	5.1	-3.0	14.0	11.57	7.32	33.79	7.84	.16
89/03/15	20:45	03/16	06:45	53-18.5S	150-14.2	3867	4.8	-3.0	13.4	11.57	7.32	33.79	7.10	.16
89/03/15	20:50	03/16	06:51	53-17.3S	150-15.3	3834	5.0	-3.0	13.9	11.57	7.23	33.83	7.07	.16
89/03/15	20:55	03/16	06:56	53-16.1S	150-16.4	3964	5.2	-3.0	14.2	11.57	7.40	33.82	7.03	.16
89/03/15	21:00	03/16	07:01	53-14.9S	150-17.5	4056	5.1	-3.0	13.7	11.57	7.40	33.82	7.05	.16
89/03/15	21:05	03/16	07:06	53-13.7S	150-18.5	3943	4.9	-3.0	13.8	11.57	7.40	33.82	7.07	.16
89/03/15	21:10	03/16	07:11	53-12.5S	150-19.5	3967	5.2	-3.0	13.4	11.57	7.40	33.82	7.10	.16



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]
89/03/15	21:15	03/16	07:16	53-11.3S	150-20.4	3903	5.0	-3.0	13.4	11.57	7.40	33.82	7.08	.16
89/03/15	21:20	03/16	07:21	53-10.0S	150-21.4	3965	5.0	-3.0	13.3	11.57	7.32	33.79	7.05	.16
89/03/15	21:25	03/16	07:26	53-08.9S	150-22.3	3847	5.0	-3.0	13.1	11.65	7.32	33.79	7.05	.16
89/03/15	21:30	03/16	07:31	53-07.7S	150-23.2	3919	5.0	-3.0	12.9	11.57	7.32	33.79	7.02	.16
89/03/15	21:35	03/16	07:36	53-06.5S	150-23.0	3784	5.0	-3.0	12.6	11.57	7.32	33.79	7.02	.16
89/03/15	21:40	03/16	07:41	53-05.2S	150-22.9	3878	5.0	-3.0	13.3	11.57	7.32	33.79	7.11	.16
89/03/15	21:45	03/16	07:46	53-04.0S	150-22.7	3925	5.1	-3.0	12.9	11.57	7.32	33.79	7.10	.16
89/03/15	21:50	03/16	07:51	53-02.8S	150-22.5	3900	5.2	-3.0	13.1	11.57	7.32	33.79	7.07	.16
89/03/15	21:55	03/16	07:56	53-01.5S	150-22.3	4034	5.2	-3.0	13.8	11.57	7.32	33.79	7.05	.16
89/03/15	22:00	03/16	08:01	53-00.3S	150-22.2	4047	5.2	-3.0	13.1	11.57	7.40	33.82	7.09	.16
89/03/15	22:05	03/16	08:06	52-59.0S	150-22.0	4088	5.2	-3.0	12.5	11.65	7.49	33.77	7.12	.16
89/03/15	22:10	03/16	08:11	52-57.8S	150-21.8	4041	5.2	-3.0	13.4	11.57	7.57	33.81	7.05	.16
89/03/15	22:15	03/16	08:16	52-56.5S	150-21.5	4057	5.3	-3.0	13.1	11.57	7.66	33.85	7.09	.16
89/03/15	22:20	03/16	08:21	52-55.3S	150-21.4	4007	5.3	-3.0	12.6	11.57	7.66	33.76	7.12	.16
89/03/15	22:25	03/16	08:26	52-54.1S	150-21.2	3940	5.3	-3.0	13.7	11.57	7.66	33.76	7.09	.16
89/03/15	22:30	03/16	08:31	52-52.9S	150-21.0	3881	5.4	-3.0	13.4	11.57	7.57	33.81	7.16	.16
89/03/15	22:35	03/16	08:36	52-51.8S	150-20.8	3915	5.4	-3.0	12.5	11.57	7.49	33.86	7.13	.16
89/03/15	22:40	03/16	08:41	52-50.0S	150-21.2	3893	5.5	-3.0	13.4	11.57	7.57	33.81	7.03	.16
89/03/15	22:45	03/16	08:46	52-48.8S	150-20.8	3921	5.6	-3.0	13.0	11.65	7.66	33.85	7.05	.16
89/03/15	22:50	03/16	08:51	52-47.8S	150-20.3	3984	5.7	-3.0	13.4	11.57	7.74	33.80	7.09	.16
89/03/15	22:55	03/16	08:56	52-46.3S	150-19.7	3997	5.0	-3.0	13.5	11.57	7.91	33.79	7.10	.16
89/03/15	23:00	03/16	09:01	52-45.4S	150-19.4	4058	5.8	-3.0	12.6	11.57	7.91	33.79	7.13	.16
89/03/15	23:05	03/16	09:06	52-43.9S	150-18.8	4052	5.8	-3.0	13.4	11.57	7.91	33.79	7.17	.16
89/03/15	23:10	03/16	09:11	52-39.5S	150-18.5	4024	5.8	-3.0	13.3	11.57	7.91	33.79	7.16	.16
89/03/15	23:15	03/16	09:16	52-38.2S	150-18.0	4019	5.8	-3.0	13.1	11.57	7.91	33.79	7.10	.16
89/03/15	23:20	03/16	09:21	52-36.8S	150-17.5	4022	5.8	-3.0	12.6	11.57	7.99	33.82	7.15	.16
89/03/15	23:25	03/16	09:26	52-35.5S	150-17.0	4135	5.8	-3.0	13.6	11.57	7.99	33.82	7.08	.16
89/03/15	23:30	03/16	09:31	52-34.1S	150-16.6	4238	5.9	-3.0	12.3	11.65	7.99	33.82	7.09	.16
89/03/15	23:35	03/16	09:36	52-32.9S	150-16.1	4306	5.9	-3.0	13.3	11.65	8.09	33.86	7.10	.16
89/03/15	23:40	03/16	09:40	52-35.8S	150-14.6	4142	6.0	-3.0	12.8	11.57	8.09	33.77	7.10	.16
89/03/15	23:45	03/16	09:45	52-34.4S	150-14.2	4110	6.0	-3.0	13.1	11.57	8.17	33.81	7.04	.16
89/03/15	23:50	03/16	09:50	52-33.2S	150-13.6	4016	6.0	-3.0	13.4	11.57	8.26	33.85	7.10	.16
89/03/15	23:55	03/16	09:55	52-32.1S	150-13.1	4079	5.9	-3.0	13.1	11.57	8.34	33.80	7.11	.16
89/03/16	00:00	03/16	10:00	52-30.9S	150-12.6	4122	5.9	-3.0	13.5	11.57	8.43	33.84	7.20	.16
89/03/16	00:05	03/16	10:05	52-29.8S	150-12.1	3978	5.9	-3.0	13.3	11.57	8.51	33.87	7.13	.16
89/03/16	00:10	03/16	10:10	52-28.8S	150-11.6	4147	5.9	-3.0	13.5	11.57	8.51	33.79	7.14	.16
89/03/16	00:15	03/16	10:15	52-27.4S	150-11.0	4292	6.0	-3.0	12.9	11.57	8.51	33.79	7.05	.16
89/03/16	00:20	03/16	10:20	52-26.2S	150-10.6	4229	6.1	-3.0	13.0	11.57	8.51	33.79	7.09	.16
89/03/16	00:25	03/16	10:25	52-25.0S	150-10.0	4114	6.1	-3.0	13.6	11.57	8.51	33.79	7.05	.16
89/03/16	00:30	03/16	10:30	52-23.2S	150-08.1	4258	6.2	-3.0	12.5	11.57	8.51	33.79	7.07	.16
89/03/16	00:35	03/16	10:35	52-22.0S	150-07.5	4292	6.2	-3.0	12.7	11.57	8.43	33.84	7.08	.16
89/03/16	00:40	03/16	10:40	52-20.8S	150-07.0	4103	6.2	-3.0	13.0	11.57	8.34	33.80	7.09	.16
89/03/16	00:45	03/16	10:45	52-19.5S	150-06.4	4127	6.2	-3.0	13.2	11.57	8.34	33.80	7.02	.16
89/03/16	00:50	03/16	10:50	52-18.3S	150-05.8	4158	6.2	-3.0	13.1	11.65	8.34	33.80	7.01	.16
89/03/16	00:55	03/16	10:55	52-17.5S	150-05.0	4222	6.2	-3.0	13.2	11.65	8.34	33.80	7.03	.16
89/03/16	01:00	03/16	11:00	52-16.2S	150-05.5	4228	6.3	-3.0	14.0	11.65	8.43	33.84	7.01	.16
89/03/16	01:05	03/16	11:05	52-14.9S	150-05.8	4234	6.3	-3.0	13.4	11.65	8.51	33.87	7.01	.16
89/03/16	01:10	03/16	11:10	52-13.8S	150-06.2	4264	6.5	-3.0	13.5	11.65	8.68	33.86	7.04	.16
89/03/16	01:15	03/16	11:15	52-12.4S	150-06.9	4276	6.5	-3.0	13.3	11.65	8.77	33.89	7.06	.16
89/03/16	01:20	03/16	11:20	52-11.2S	150-07.6	4276	6.0	-3.0	12.3	11.65	8.85	33.85	7.06	.16
89/03/16	01:25	03/16	11:25	52-10.0S	150-08.3	4348	6.7	-3.0	14.3	11.57	8.85	33.85	7.05	.16

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]
89/03/16	01:30	03/16	11:30	52-08.7S	150-08.9	4359	6.9	-3.0	13.5	11.57	8.93	33.80	7.08	.16
89/03/16	01:35	03/16	11:35	52-07.6S	150-09.7	4345	6.9	-3.0	13.6	11.65	8.85	33.85	7.04	.16
89/03/16	01:40	03/16	11:40	52-06.3S	150-10.3	4264	6.9	-3.0	13.2	11.65	8.77	33.81	7.02	.16
89/03/16	01:45	03/16	11:45	52-05.1S	150-11.0	4464	6.9	-3.0	12.4	11.57	8.68	33.78	7.02	.16
89/03/16	01:50	03/16	11:50	52-03.9S	150-11.6	4493	6.8	-3.0	13.8	11.57	8.68	33.86	7.05	.16
89/03/16	01:55	03/16	11:55	52-02.6S	150-12.4	4394	6.8	-3.0	13.3	11.57	8.93	33.88	7.13	.16
89/03/16	02:00	03/16	12:00	52-02.1S	150-13.3	0	7.1	-3.0	2.6	11.65	8.93	33.88	7.19	.17
89/03/16	02:05	03/16	12:05	52-02.0S	150-13.4	4282	6.9	-3.0	.6	11.65	8.93	33.88	7.38	.17
89/03/16	02:10	03/16	12:10	52-01.9S	150-13.6	4294	7.2	-3.0	.9	11.57	8.93	33.88	7.12	.16
89/03/16	02:15	03/16	12:15	52-01.7S	150-13.8	4264	7.4	-3.0	.9	11.65	8.93	33.88	7.08	.17
89/03/16	02:20	03/16	12:20	52-01.6S	150-14.0	4259	7.5	-3.0	.9	11.57	8.93	33.88	7.07	.16
89/03/16	02:25	03/16	12:25	52-01.4S	150-14.2	4204	7.5	-3.0	1.0	11.57	8.93	33.88	7.05	.16
89/03/16	02:30	03/16	12:30	52-01.3S	150-14.4	4176	7.7	-3.0	1.1	11.57	8.93	33.88	7.04	.17
89/03/16	02:35	03/16	12:35	52-01.1S	150-14.6	4210	7.7	-3.0	.7	11.65	8.93	33.88	7.02	.17
89/03/16	02:40	03/16	12:40	52-01.0S	150-14.8	4183	7.7	-3.0	.6	11.65	8.93	33.88	7.02	.17
89/03/16	02:45	03/16	12:45	52-00.8S	150-15.0	4177	7.7	-3.0	1.2	11.57	8.93	33.88	7.00	.17
89/03/16	02:50	03/16	12:51	52-00.7S	150-15.2	4173	7.8	-3.0	1.0	11.57	8.93	33.88	6.92	.17
89/03/16	02:55	03/16	12:56	52-00.6S	150-15.4	4223	7.8	-3.0	1.0	11.57	8.93	33.88	6.96	.17
89/03/16	03:00	03/16	13:01	52-00.4S	150-15.7	4227	7.9	-3.0	1.1	11.57	8.93	33.88	6.97	.17
89/03/16	03:05	03/16	13:06	52-00.2S	150-15.8	4279	7.5	-3.0	.8	11.57	8.93	33.88	6.91	.17
89/03/16	03:10	03/16	13:11	52-00.1S	150-16.1	4323	7.5	-3.0	1.1	11.57	8.93	33.88	6.97	.17
89/03/16	03:15	03/16	13:16	51-59.9S	150-16.3	4398	7.5	-3.0	1.2	11.57	8.93	33.88	6.91	.17
89/03/16	03:20	03/16	13:21	51-59.8S	150-16.5	4410	7.5	-3.0	.7	11.65	8.93	33.88	6.93	.17
89/03/16	03:25	03/16	13:26	51-59.6S	150-16.7	4418	7.4	-3.0	1.0	11.57	8.93	33.88	6.93	.17
89/03/16	03:30	03/16	13:31	51-59.5S	150-16.9	4423	7.3	-3.0	1.0	11.65	8.93	33.88	6.92	.17
89/03/16	03:35	03/16	13:36	51-59.3S	150-17.1	4412	7.3	-3.0	1.0	11.65	8.93	33.88	6.89	.17
89/03/16	03:40	03/16	13:41	51-59.2S	150-17.3	4399	7.3	-3.0	.7	11.65	8.93	33.88	6.93	.17
89/03/16	03:45	03/16	13:46	51-59.1S	150-17.5	4392	7.4	-3.0	.6	11.65	8.93	33.88	6.93	.17
89/03/16	03:50	03/16	13:51	52-00.2S	150-19.6	4390	7.5	-3.0	.9	11.57	8.93	33.88	6.88	.17
89/03/16	03:55	03/16	13:56	52-00.1S	150-19.9	4389	7.4	-3.0	.9	11.57	8.93	33.88	6.86	.17
89/03/16	04:00	03/16	14:01	52-00.1S	150-20.2	4392	7.4	-3.0	1.1	11.57	8.93	33.88	6.88	.17
89/03/16	04:05	03/16	14:06	51-59.9S	150-20.4	4393	7.4	-3.0	1.0	11.57	8.93	33.88	6.85	.17
89/03/16	04:10	03/16	14:11	51-59.8S	150-20.7	4395	7.6	-3.0	1.0	11.57	8.85	33.85	6.86	.17
89/03/16	04:15	03/16	14:16	51-59.7S	150-20.9	4392	7.6	-3.0	.9	11.57	8.93	33.80	6.86	.17
89/03/16	04:20	03/16	14:21	51-59.6S	150-21.2	4390	7.4	-3.0	.8	11.57	8.85	33.85	6.86	.17
89/03/16	04:25	03/16	14:26	51-59.5S	150-21.4	4402	7.5	-3.0	.8	11.57	8.85	33.85	6.88	.17
89/03/16	04:30	03/16	14:31	51-59.4S	150-21.7	4393	7.5	-3.0	1.0	11.65	8.85	33.85	6.88	.17
89/03/16	04:35	03/16	14:36	51-59.3S	150-21.9	4395	7.5	-3.0	.8	11.65	8.85	33.85	6.86	.17
89/03/16	04:40	03/16	14:41	51-59.2S	150-22.1	4397	7.8	-3.0	.9	11.65	8.85	33.85	6.82	.17
89/03/16	04:45	03/16	14:46	51-59.2S	150-22.4	4397	7.8	-3.0	.7	11.57	8.85	33.85	6.85	.17
89/03/16	04:50	03/16	14:51	51-59.0S	150-22.6	4405	7.8	-3.0	.7	11.57	8.85	33.85	6.84	.17
89/03/16	04:55	03/16	14:56	51-58.9S	150-22.9	4392	7.8	-3.0	.8	11.85	8.85	33.85	6.80	.17
89/03/16	05:00	03/16	15:01	51-58.9S	150-23.1	4387	7.7	-3.0	.7	11.57	8.85	33.85	6.80	.17
89/03/16	05:05	03/16	15:06	51-58.7S	150-23.3	4405	7.5	-3.0	.9	11.57	8.85	33.85	6.80	.17
89/03/16	05:10	03/16	15:11	51-58.6S	150-23.5	4375	7.5	-3.0	.7	11.57	8.85	33.85	6.80	.17
89/03/16	05:15	03/16	15:16	51-58.6S	150-23.8	4371	7.3	-3.0	.9	11.57	8.77	33.89	6.80	.17
89/03/16	05:20	03/16	15:21	51-58.4S	150-24.0	4361	7.4	-3.0	.8	11.65	8.85	33.85	6.82	.17
89/03/16	05:25	03/16	15:26	51-58.4S	150-24.2	4356	7.5	-3.0	1.0	11.57	8.85	33.85	6.81	.17
89/03/16	05:30	03/16	15:31	51-58.3S	150-24.5	4366	7.5	-3.0	.8	11.57	8.85	33.85	6.81	.17
89/03/16	05:35	03/16	15:36	51-58.1S	150-24.7	4370	7.6	-3.0	.9	11.65	8.85	33.85	6.81	.17
89/03/16	05:40	03/16	15:41	51-58.1S	150-24.9	4378	7.5	-3.0	.7	11.65	8.85	33.93	6.79	.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]
89/03/16	06:45	03/16	16:46	51-58.0S	150-25.1	4389	7.5	-3.0	.9	11.57	8.93	33.88	6.80	.17
89/03/16	06:50	03/16	16:51	51-57.8S	150-25.4	4395	7.5	-3.0	.7	11.57	8.93	33.88	8.78	.17
89/03/16	06:55	03/16	16:56	51-57.8S	150-25.7	4384	7.4	-3.0	6.3	11.57	9.02	33.92	8.80	.17
89/03/16	06:00	03/16	16:01	51-57.5S	150-28.2	4378	7.2	-3.0	11.8	11.57	9.02	33.92	6.79	.17
89/03/16	06:05	03/16	16:06	51-56.3S	150-28.0	4340	7.2	-3.0	13.9	11.60	9.10	33.87	8.98	.17
89/03/16	06:10	03/16	16:11	51-55.1S	150-25.9	4323	7.2	-3.0	13.2	11.57	9.02	33.92	8.87	.17
89/03/16	06:15	03/16	16:16	51-53.8S	150-26.7	4323	7.3	-3.0	14.4	11.57	9.19	33.91	6.88	.17
89/03/16	06:20	03/16	16:21	51-52.7S	150-26.9	4280	7.4	-3.0	14.5	11.57	9.44	33.93	6.95	.18
89/03/16	06:25	03/16	16:26	51-51.5S	150-27.6	4282	7.4	-3.0	13.7	11.60	9.53	33.88	6.97	.18
89/03/16	06:30	03/16	16:31	51-50.3S	150-28.3	4274	7.5	-3.0	13.5	11.60	9.44	33.84	8.99	.17
89/03/16	06:35	03/16	16:36	51-49.1S	150-29.1	4256	7.5	-3.0	14.4	11.57	9.36	33.89	6.93	.17
89/03/16	06:40	03/16	16:41	51-47.9S	150-29.8	4073	7.6	-3.0	13.9	11.60	9.36	33.89	6.96	.17
89/03/16	06:45	03/16	16:47	51-46.7S	150-30.5	3972	7.6	-3.0	14.5	11.57	9.36	33.89	6.95	.18
89/03/16	06:50	03/16	16:52	51-45.5S	150-31.3	3776	7.7	-3.0	13.9	11.57	9.36	33.89	6.92	.18
89/03/16	06:55	03/16	16:57	51-44.3S	150-32.0	3928	7.9	-3.0	14.0	11.60	9.36	33.89	8.93	.17
89/03/16	07:00	03/16	17:02	51-43.1S	150-31.9	4093	7.9	-3.0	13.9	11.60	9.36	33.89	6.91	.17
89/03/16	07:05	03/16	17:07	51-41.8S	150-31.6	4066	8.0	-3.0	14.1	11.60	9.27	33.86	6.92	.17
89/03/16	07:10	03/16	17:12	51-40.8S	150-31.4	4041	8.2	-3.0	13.4	11.60	9.36	33.89	6.90	.18
89/03/16	07:15	03/16	17:17	51-40.0S	150-30.8	4021	8.3	-3.0	13.5	11.60	9.53	33.88	6.96	.18
89/03/16	07:20	03/16	17:22	51-38.8S	150-30.5	4011	8.4	-3.0	13.2	11.60	9.61	33.91	7.00	.18
89/03/16	07:25	03/16	17:27	51-37.8S	150-30.2	3993	8.4	-3.0	13.7	11.60	9.61	33.91	7.01	.18
89/03/16	07:30	03/16	17:32	51-36.4S	150-30.0	3981	8.5	-3.0	13.9	11.60	9.61	33.91	8.98	.18
89/03/16	07:35	03/16	17:36	51-35.2S	150-29.8	3969	8.5	-3.0	13.7	11.57	9.53	33.88	8.96	.18
89/03/16	07:40	03/16	17:41	51-33.9S	150-29.5	3944	8.5	-3.0	14.2	11.57	9.44	33.84	8.90	.17
89/03/16	07:45	03/16	17:46	51-32.4S	150-28.8	3947	8.7	-3.0	13.8	11.60	9.44	33.84	6.91	.18
89/03/18	07:50	03/16	17:51	51-31.1S	150-28.5	3981	8.6	-3.0	14.0	11.50	9.44	33.84	6.87	.18
89/03/16	07:55	03/16	17:56	51-29.9S	150-28.3	3971	8.6	-3.0	13.3	11.60	9.44	33.84	6.89	.17
89/03/16	08:00	03/16	18:01	51-28.7S	150-28.0	3950	8.7	-3.0	14.2	11.60	9.44	33.84	6.93	.17
89/03/16	08:05	03/18	18:06	51-27.4S	150-27.8	3942	8.7	-3.0	14.0	11.50	9.36	33.89	6.90	.17
89/03/16	08:10	03/18	18:11	51-26.2S	150-27.5	3934	8.8	-3.0	14.0	11.60	9.44	33.84	6.88	.17
89/03/18	08:15	03/16	18:18	51-25.0S	150-27.2	3952	8.9	-3.0	13.9	11.50	9.44	33.93	8.91	.18
89/03/18	08:20	03/16	18:21	51-23.8S	150-27.0	3976	8.9	-3.0	14.1	11.60	9.53	33.96	6.93	.18
89/03/16	08:25	03/16	18:28	51-22.6S	150-26.8	3963	8.9	-3.0	14.1	11.50	9.61	33.91	7.00	.18
89/03/16	08:30	03/16	18:31	51-21.3S	150-26.5	3972	9.0	-3.0	13.9	11.60	9.70	33.87	7.03	.18
89/03/16	08:35	03/16	18:36	51-20.1S	150-28.2	3957	9.0	-3.0	13.7	11.50	9.70	33.95	6.92	.18
89/03/16	08:40	03/16	18:41	51-18.9S	150-25.9	4057	9.1	-3.0	13.8	11.60	9.70	33.95	6.90	.18
89/03/16	08:45	03/16	18:48	51-17.8S	150-25.7	4081	9.1	-3.0	13.9	11.50	9.78	33.90	7.04	.18
89/03/16	08:50	03/16	18:51	51-16.4S	150-25.4	4123	9.1	-3.0	13.0	11.60	9.87	34.01	7.03	.18
89/03/16	08:55	03/18	18:56	51-15.2S	150-25.0	4138	9.1	-3.0	13.6	11.50	9.95	33.97	7.00	.18
89/03/18	09:00	03/16	19:01	51-14.1S	150-24.8	4119	9.2	-3.0	12.6	11.50	9.95	33.97	7.03	.18
89/03/16	09:05	03/16	19:06	51-12.9S	150-24.7	4129	9.3	-3.0	13.8	11.50	9.95	33.97	7.01	.18
89/03/16	09:10	03/16	19:11	51-11.9S	150-23.2	4155	9.3	-3.0	13.4	11.50	9.95	33.97	6.98	.18
89/03/16	09:15	03/16	19:18	51-10.7S	150-23.3	4155	9.4	-3.0	13.8	11.60	9.87	33.93	6.92	.18
89/03/16	09:20	03/16	19:21	51-09.5S	150-23.3	4001	9.4	-3.0	13.1	11.50	9.70	33.95	6.87	.18
89/03/16	09:25	03/16	19:26	51-08.3S	150-23.0	3811	9.4	-3.0	13.5	11.60	9.53	33.98	6.84	.18
89/03/16	09:30	03/16	19:31	51-07.0S	150-22.8	3815	9.4	-3.0	13.3	11.42	9.44	33.93	6.85	.18
89/03/16	09:35	03/18	19:36	51-05.8S	150-22.1	3487	9.4	-3.0	13.6	11.50	9.44	33.84	8.81	.17
89/03/16	09:40	03/16	19:41	51-04.7S	150-21.5	3516	9.4	-3.0	12.6	11.50	9.36	33.89	6.83	.17
89/03/16	09:45	03/16	19:46	51-03.7S	150-20.8	3458	9.4	-3.0	13.6	11.50	9.27	33.94	6.86	.17
89/03/16	09:50	03/16	19:51	51-02.5S	150-20.1	3489	9.4	-3.0	13.4	11.50	9.27	33.86	6.84	.17
89/03/16	09:55	03/16	19:56	51-01.4S	150-19.5	3700	9.4	-3.0	13.6	11.50	9.27	33.86	6.91	.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]
89/03/16	10:00	03/16	20:01	51-00.3S	150-18.9	3684	9.4	-3.0	13.2	11.50	9.27	33.86	6.91	.17
89/03/16	10:05	03/16	20:06	50-59.0S	150-17.8	3696	9.4	-3.0	13.4	11.50	9.36	33.89	6.89	.18
89/03/16	10:10	03/16	20:11	50-57.8S	150-17.1	3623	9.4	-3.0	13.3	11.50	9.44	33.93	6.93	.18
89/03/16	10:15	03/16	20:16	50-56.6S	150-16.4	3589	9.4	-3.0	13.8	11.50	9.44	33.93	8.93	.18
89/03/16	10:20	03/16	20:21	50-55.4S	150-15.8	3656	9.5	-3.0	13.3	11.57	9.53	33.68	6.96	.18
89/03/16	10:25	03/16	20:26	50-54.3S	150-15.2	3723	9.5	-3.0	13.6	11.57	9.61	33.91	6.99	.18
89/03/16	10:30	03/16	20:30	50-53.2S	150-14.6	3681	9.5	-3.0	13.5	11.57	9.70	33.95	6.99	.18
89/03/16	10:35	03/16	20:35	50-52.0S	150-13.9	3812	9.4	-3.0	14.1	11.57	9.78	33.98	6.96	.18
89/03/16	10:40	03/16	20:40	50-50.9S	150-13.3	3637	9.4	-3.0	13.4	11.57	9.87	33.93	6.97	.18
89/03/16	10:45	03/16	20:45	50-49.7S	150-12.7	3662	9.4	-3.0	13.8	11.57	9.87	33.93	7.00	.18
89/03/16	10:50	03/16	20:50	50-48.6S	150-12.0	3672	9.4	-3.0	13.4	11.57	9.87	33.93	6.95	.18
89/03/16	10:55	03/16	20:55	50-47.1S	150-11.9	3728	9.4	-3.0	12.9	11.57	9.87	33.93	6.91	.18
89/03/16	11:00	03/16	21:00	50-46.0S	150-11.3	3618	9.4	-3.0	13.8	11.57	9.95	33.89	6.96	.18
89/03/16	11:05	03/16	21:05	50-44.8S	150-10.7	3436	9.5	-3.0	13.2	11.50	9.95	33.89	6.90	.18
89/03/16	11:10	03/16	21:10	50-43.6S	150-10.1	3292	9.5	-3.0	13.4	11.57	9.95	33.89	6.96	.18
89/03/16	11:15	03/16	21:15	50-42.5S	150-09.5	2718	9.5	-3.0	13.1	11.57	9.95	33.89	6.90	.18
89/03/16	11:20	03/16	21:20	50-41.3S	150-08.9	2401	9.5	-3.0	13.4	11.57	9.95	33.89	6.93	.19
89/03/16	11:25	03/16	21:25	50-40.1S	150-08.3	2337	9.6	-3.0	13.8	11.57	9.95	33.89	7.00	.19
89/03/16	11:30	03/16	21:30	50-38.9S	150-07.7	2281	9.6	-3.0	13.6	11.57	9.87	33.93	6.92	.18
89/03/16	11:35	03/16	21:35	50-37.8S	150-07.1	2280	9.6	-3.0	13.2	11.65	9.87	33.93	6.90	.18
89/03/16	11:40	03/16	21:40	50-36.7S	150-06.5	2279	9.7	-3.0	12.7	11.65	9.78	33.90	6.91	.18
89/03/16	11:45	03/16	21:45	50-35.6S	150-05.9	2301	9.7	-3.0	13.5	11.65	9.70	33.87	6.92	.18
89/03/16	11:50	03/16	21:50	50-34.4S	150-05.3	2335	9.7	-3.0	13.5	11.65	9.70	33.87	6.87	.18
89/03/16	11:55	03/16	21:55	50-33.2S	150-04.7	2640	9.7	-3.0	13.4	11.65	9.70	33.87	6.90	.18
89/03/16	12:00	03/16	22:00	50-32.1S	150-04.1	2921	9.8	-3.0	13.5	11.67	9.61	33.91	6.92	.18
89/03/16	12:05	03/16	22:05	50-31.0S	150-03.5	2805	9.8	-3.0	12.8	11.65	9.53	33.68	6.92	.18
89/03/16	12:10	03/16	22:10	50-29.8S	150-02.9	2600	9.9	-3.0	13.3	11.65	9.44	33.93	6.85	.18
89/03/16	12:15	03/16	22:15	50-28.7S	150-02.3	2747	9.9	-3.0	13.2	11.57	9.44	33.93	6.83	.18
89/03/16	12:20	03/16	22:20	50-27.5S	150-01.7	2794	10.0	-3.0	12.9	11.65	9.53	33.68	6.90	.18
89/03/16	12:25	03/16	22:25	50-26.4S	150-01.1	2830	10.0	-3.0	12.8	11.65	9.70	33.95	6.98	.18
89/03/16	12:30	03/16	22:30	50-25.3S	150-00.5	2928	10.0	-3.0	13.7	11.57	9.78	33.90	7.00	.18
89/03/16	12:35	03/16	22:34	50-24.2S	149-59.9	3205	10.0	-3.0	12.7	11.65	9.87	33.86	6.92	.18
89/03/16	12:40	03/16	22:39	50-23.0S	149-59.3	3215	10.0	-3.0	13.0	11.65	9.78	33.90	6.98	.18
89/03/16	12:45	03/16	22:44	50-21.9S	149-58.7	3210	10.0	-3.0	13.0	11.65	9.78	33.90	7.00	.18
89/03/16	12:50	03/16	22:49	50-20.8S	149-58.1	3191	10.1	-3.0	13.0	11.65	9.78	33.90	6.92	.18
89/03/16	12:55	03/16	22:54	50-19.7S	149-57.5	3158	10.1	-3.0	12.8	11.65	9.87	33.93	6.91	.18
89/03/16	13:00	03/16	22:59	50-18.5S	149-57.0	3133	10.2	-3.0	13.6	11.65	9.95	33.97	6.93	.18
89/03/16	13:05	03/16	23:04	50-16.4S	149-56.4	3150	10.2	-3.0	13.6	11.57	10.03	33.92	6.98	.18
89/03/16	13:10	03/16	23:09	50-15.2S	149-56.6	2848	10.2	-3.0	13.4	11.65	10.12	33.96	6.93	.18
89/03/16	13:15	03/16	23:14	50-13.9S	149-56.6	2559	10.3	-3.0	13.6	11.65	10.12	33.96	6.89	.18
89/03/16	13:20	03/16	23:19	50-12.7S	149-56.7	3504	10.3	-3.0	13.5	11.65	10.12	33.96	6.85	.18
89/03/16	13:25	03/16	23:24	50-11.4S	149-56.7	4272	10.3	-3.0	14.0	11.65	10.12	33.96	6.87	.18
89/03/16	13:30	03/16	23:29	50-10.1S	149-56.8	4440	10.3	-3.0	13.4	11.65	10.12	33.96	6.81	.18
89/03/16	13:35	03/16	23:34	50-08.8S	149-56.9	4339	10.3	-3.0	14.0	11.72	10.03	34.00	6.84	.18
89/03/16	13:40	03/16	23:39	50-07.6S	149-56.9	4279	10.3	-3.0	13.8	11.65	10.03	34.00	6.79	.18
89/03/16	13:45	03/16	23:44	50-06.3S	149-59.0	4226	10.3	-3.0	13.1	11.65	9.95	33.97	6.89	.18
89/03/16	13:50	03/16	23:49	50-05.0S	149-59.0	4128	10.3	-3.0	13.2	11.72	9.95	33.97	6.84	.18
89/03/16	13:55	03/16	23:54	50-03.7S	149-59.1	4049	10.3	-3.0	13.5	11.65	9.95	33.97	6.76	.18
89/03/16	14:00	03/16	23:59	50-02.4S	149-59.2	4037	10.3	-3.0	14.1	11.65	10.03	33.92	6.74	.18
89/03/16	14:05	03/17	00:04	50-01.1S	149-59.2	4076	10.3	-3.0	13.9	11.65	10.03	34.00	6.79	.18
89/03/16	14:10	03/17	00:09	49-59.8S	149-59.3	4063	10.2	-3.0	14.3	11.65	10.03	34.00	6.76	.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]
89/03/16	14:15	03/17	00:14	49-58.6S	149-59.3	4074	10.3	-3.0	13.7	11.72	10.03	34.00	6.79	.18
89/03/16	14:20	03/17	00:19	49-57.3S	149-59.4	4102	10.3	-3.0	13.6	11.72	10.03	34.00	6.81	.19
89/03/16	14:25	03/17	00:24	49-56.0S	149-59.5	4132	10.2	-3.0	13.0	11.65	10.12	33.96	6.81	.19
89/03/16	14:30	03/17	00:29	49-54.7S	149-59.5	4042	10.2	-3.0	13.2	11.65	10.12	33.96	6.81	.19
89/03/16	14:35	03/17	00:34	49-53.4S	149-59.6	4135	10.3	-3.0	14.1	11.72	10.12	33.96	6.80	.19
89/03/16	14:40	03/17	00:39	49-52.1S	149-59.6	4057	10.3	-3.0	14.1	11.72	10.12	34.03	6.77	.19
89/03/16	14:45	03/17	00:44	49-50.8S	149-59.7	3992	10.3	-3.0	13.9	11.65	10.20	33.99	6.77	.19
89/03/16	14:50	03/17	00:49	49-49.6S	149-59.8	3935	10.3	-3.0	13.7	11.72	10.20	33.99	6.79	.18
89/03/16	14:55	03/17	00:54	49-48.2S	149-59.8	3809	10.3	-3.0	14.0	11.65	10.20	33.99	6.83	.18
89/03/16	15:00	03/17	00:59	49-46.9S	149-59.9	3771	10.3	-3.0	13.5	11.65	10.29	34.02	6.79	.18
89/03/16	15:05	03/17	01:05	49-46.1S	150-01.9	3868	10.3	-3.0	13.6	11.65	10.29	33.94	6.84	.18
89/03/16	15:10	03/17	01:10	49-44.9S	150-01.9	3832	10.4	-3.0	13.5	11.65	10.20	33.99	6.80	.18
89/03/16	15:15	03/17	01:15	49-43.6S	150-01.9	3971	10.4	-3.0	13.4	11.65	10.20	33.99	6.85	.18
89/03/16	15:20	03/17	01:20	49-42.4S	150-01.9	3925	10.4	-3.0	13.8	11.65	10.20	33.99	6.83	.18
89/03/16	15:25	03/17	01:25	49-41.1S	150-01.9	3612	10.4	-3.0	13.8	11.65	10.29	33.94	6.77	.18
89/03/16	15:30	03/17	01:30	49-39.8S	150-01.9	3342	10.4	-3.0	13.2	11.65	10.29	33.94	6.83	.18
89/03/16	15:35	03/17	01:35	49-38.6S	150-01.7	3159	10.4	-3.0	13.5	11.72	10.20	33.99	6.79	.18
89/03/16	15:40	03/17	01:40	49-37.3S	150-01.5	3022	10.4	-3.0	13.4	11.72	10.20	33.99	6.81	.18
89/03/16	15:45	03/17	01:45	49-36.1S	150-01.3	2941	10.4	-3.0	13.7	11.65	10.20	33.99	6.75	.18
89/03/16	15:50	03/17	01:50	49-34.8S	150-01.1	3007	10.4	-3.0	13.6	11.65	10.29	33.94	6.78	.18
89/03/16	15:55	03/17	01:55	49-33.5S	150-01.0	2995	10.5	-3.0	13.8	11.65	10.29	34.02	6.73	.17
89/03/16	16:00	03/17	02:00	49-32.3S	150-00.8	2914	10.5	-3.0	13.4	11.65	10.29	34.02	6.76	.18
89/03/16	16:05	03/17	02:05	49-30.5S	150-00.4	2802	10.5	-3.0	13.4	11.65	10.29	34.02	6.73	.17
89/03/16	16:10	03/17	02:10	49-29.3S	150-00.2	2738	10.5	-3.0	13.9	11.65	10.29	34.02	6.80	.17
89/03/16	16:15	03/17	02:15	49-28.0S	150-00.0	2586	10.5	-3.0	14.0	11.72	10.29	34.02	6.78	.17
89/03/16	16:20	03/17	02:19	49-26.7S	149-59.9	2361	10.6	-3.0	13.9	11.65	10.29	34.02	6.78	.18
89/03/16	16:25	03/17	02:24	49-25.4S	149-59.9	2222	10.6	-3.0	13.5	11.65	10.29	34.02	6.75	.18
89/03/16	16:30	03/17	02:29	49-24.1S	149-59.8	1929	10.6	-3.0	13.9	11.65	10.29	34.02	6.76	.18
89/03/16	16:35	03/17	02:34	49-22.9S	149-59.8	2042	10.6	-3.0	14.0	11.72	10.29	34.02	6.73	.18
89/03/16	16:40	03/17	02:39	49-21.5S	149-59.8	2018	10.7	-3.0	13.7	11.72	10.38	33.98	6.77	.18
89/03/16	16:45	03/17	02:44	49-20.2S	149-59.7	1995	10.7	-3.0	13.9	11.65	10.38	33.98	6.82	.18
89/03/16	16:50	03/17	02:49	49-19.0S	149-59.6	1930	10.7	-3.0	13.6	11.65	10.47	34.01	6.80	.18
89/03/16	16:55	03/17	02:54	49-17.6S	149-58.8	1941	10.7	-3.0	13.9	11.72	10.47	34.01	6.79	.18
89/03/16	17:00	03/17	02:59	49-16.4S	149-58.8	1893	10.7	-3.0	12.8	11.72	10.47	34.01	6.76	.18
89/03/16	17:05	03/17	03:04	49-15.1S	149-58.8	1826	10.7	-3.0	14.0	11.72	10.47	34.01	6.76	.18
89/03/16	17:10	03/17	03:09	49-14.0S	149-58.8	1798	10.7	-3.0	11.2	11.72	10.38	33.98	6.77	.18
89/03/16	17:15	03/17	03:14	49-12.9S	149-58.8	1771	10.7	-3.0	11.1	11.72	10.29	34.02	6.74	.18
89/03/16	17:20	03/17	03:19	49-11.8S	149-58.8	1746	10.8	-3.0	10.7	11.80	10.29	34.02	6.72	.18
89/03/16	17:25	03/17	03:24	49-10.6S	149-58.8	1718	10.8	-3.0	11.0	11.80	10.29	33.94	6.79	.18
89/03/16	17:30	03/17	03:29	49-09.7S	149-58.8	1691	10.7	-3.0	10.8	11.80	10.29	33.94	6.80	.18
89/03/16	17:35	03/17	03:34	49-08.7S	149-58.8	1668	10.7	-3.0	11.4	11.80	10.29	33.94	6.79	.19
89/03/16	17:40	03/17	03:39	49-07.4S	149-58.8	1642	10.7	-3.0	13.9	11.80	10.38	33.98	6.84	.19
89/03/16	17:45	03/17	03:44	49-06.2S	149-58.8	1614	10.7	-3.0	13.6	11.72	10.29	33.94	6.82	.17
89/03/16	17:50	03/17	03:49	49-04.9S	149-58.8	1585	10.7	-3.0	13.4	11.72	10.38	33.98	6.80	.17
89/03/16	17:55	03/17	03:54	49-03.6S	149-58.8	1559	10.7	-3.0	13.5	11.72	10.47	34.01	6.79	.18
89/03/16	18:00	03/17	03:59	49-02.3S	149-58.8	1530	10.7	-3.0	13.9	11.72	10.38	33.98	6.77	.17
89/03/16	18:05	03/17	04:04	49-01.0S	149-58.8	1493	10.7	-3.0	13.1	11.72	10.47	33.93	6.76	.17
89/03/16	18:10	03/17	04:09	48-59.7S	149-58.9	1465	10.6	-3.0	13.7	11.72	10.47	33.93	6.79	.17
89/03/16	18:15	03/17	04:14	48-58.2S	149-57.2	1467	10.6	-3.0	14.0	11.72	10.47	34.01	6.79	.17
89/03/16	18:20	03/17	04:19	48-57.9S	149-57.2	1485	10.5	-3.0	13.6	11.72	10.47	34.01	6.77	.17
89/03/16	18:25	03/17	04:24	48-56.6S	149-57.2	1494	10.4	-3.0	13.5	11.65	10.47	34.01	8.80	.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]
89/03/16	18:30	03/17	04:29	48-55.4S	149-57.2	1487	10.3	-3.0	13.6	11.72	10.38	33.98	6.78	.17
89/03/16	18:35	03/17	04:34	48-54.1S	149-57.2	1474	10.3	-3.0	13.6	11.72	10.29	33.94	6.74	.17
89/03/16	18:40	03/17	04:39	48-52.9S	149-58.3	1457	10.3	-3.0	14.2	11.72	10.29	33.94	6.72	.17
89/03/16	18:45	03/17	04:44	48-51.7S	149-58.4	1445	10.3	-3.0	13.7	11.72	10.29	33.94	6.68	.17
89/03/16	18:50	03/17	04:49	48-50.4S	149-58.4	1445	10.4	-3.0	13.8	11.72	10.29	33.94	6.76	.17
89/03/16	18:55	03/17	04:54	48-49.1S	149-58.5	1452	10.4	-3.0	14.0	11.72	10.29	33.94	6.67	.17
89/03/16	19:00	03/17	04:59	48-47.9S	149-58.6	1469	10.4	-3.0	14.0	11.72	10.29	33.94	6.71	.17
89/03/16	19:05	03/17	05:04	48-46.6S	149-58.6	1431	10.4	-3.0	13.8	11.65	10.38	33.98	6.72	.17
89/03/16	19:10	03/17	05:09	48-45.4S	149-58.7	1407	10.3	-3.0	14.0	11.65	10.47	34.01	6.73	.17
89/03/16	19:15	03/17	05:14	48-44.0S	149-58.7	1365	10.3	-3.0	13.4	11.65	10.64	34.00	6.76	.17
89/03/16	19:20	03/17	05:19	48-42.8S	149-58.8	1325	10.2	-3.0	14.4	11.65	10.64	34.00	6.74	.17
89/03/16	19:25	03/17	05:24	48-41.5S	149-58.9	1359	10.2	-3.0	14.0	11.65	10.55	34.04	6.71	.17
89/03/16	19:30	03/17	05:29	48-40.3S	149-58.9	1430	10.3	-3.0	14.1	11.65	10.47	34.01	6.65	.17
89/03/16	19:35	03/17	05:34	48-39.0S	149-59.0	1472	10.3	-3.0	13.5	11.72	10.47	34.01	6.64	.17
89/03/16	19:40	03/17	05:39	48-37.8S	149-59.0	1503	10.3	-3.0	14.0	11.65	10.47	34.01	6.69	.17
89/03/16	19:45	03/17	05:44	48-36.5S	149-59.1	1533	10.4	-3.0	13.9	11.72	10.72	34.03	6.74	.17
89/03/16	19:50	03/17	05:49	48-35.3S	149-59.1	1560	10.4	-3.0	13.7	11.72	10.81	34.14	6.74	.17
89/03/16	19:55	03/17	05:54	48-34.0S	149-59.2	1551	10.4	-3.0	13.7	11.72	10.81	34.14	6.74	.17
89/03/16	20:00	03/17	05:59	48-32.7S	149-59.2	1548	10.4	-3.0	14.3	11.72	10.81	34.14	6.75	.17
89/03/16	20:05	03/17	06:04	48-31.6S	149-59.3	1514	10.4	-3.0	14.0	11.72	10.81	34.14	6.69	.17
89/03/16	20:10	03/17	06:09	48-30.4S	149-59.4	1601	10.4	-3.0	14.5	11.72	10.81	34.14	6.67	.17
89/03/16	20:15	03/17	06:14	48-29.1S	149-59.5	1471	10.4	-3.0	13.8	11.72	10.89	34.09	6.67	.17
89/03/16	20:20	03/17	06:19	48-27.8S	149-59.5	1461	10.4	-3.0	13.7	11.72	10.89	34.09	6.71	.17
89/03/16	20:25	03/17	06:24	48-26.6S	149-59.6	1466	10.4	-3.0	13.8	11.72	10.89	34.09	6.74	.17
89/03/16	20:30	03/17	06:29	48-25.3S	149-59.6	1457	10.3	-3.0	13.7	11.72	10.98	34.12	6.79	.17
89/03/16	20:35	03/17	06:34	48-24.1S	149-59.6	1468	10.3	-3.0	13.7	11.72	11.06	34.08	6.70	.17
89/03/16	20:40	03/17	06:39	48-22.8S	149-59.7	1484	10.3	-3.0	13.6	11.72	10.98	34.12	6.75	.17
89/03/16	20:45	03/17	06:44	48-21.6S	149-59.9	1487	10.3	-3.0	13.6	11.80	10.98	34.12	6.76	.17
89/03/16	20:50	03/17	06:50	48-20.4S	150-00.6	1478	10.4	-3.0	13.8	11.72	10.98	34.12	6.74	.18
89/03/16	20:55	03/17	06:55	48-19.2S	150-01.3	1636	10.5	-3.0	13.1	11.72	10.98	34.12	6.66	.17
89/03/16	21:00	03/17	07:00	48-18.0S	150-01.9	1664	10.5	-3.0	13.8	11.72	11.06	34.08	6.77	.17
89/03/16	21:05	03/17	07:05	48-16.8S	150-02.5	1729	10.4	-3.0	13.7	11.72	11.06	34.08	6.71	.17
89/03/16	21:10	03/17	07:10	48-15.6S	150-03.2	1804	10.4	-3.0	14.3	11.72	10.98	34.12	6.69	.18
89/03/16	21:15	03/17	07:15	48-14.3S	150-03.8	1893	10.4	-3.0	14.3	11.72	10.98	34.12	6.63	.18
89/03/16	21:20	03/17	07:20	48-13.1S	150-04.4	2022	10.4	-3.0	13.8	11.72	11.06	34.08	6.69	.18
89/03/16	21:25	03/17	07:25	48-11.8S	150-05.0	2147	10.5	-3.0	13.5	11.72	11.14	34.11	6.67	.17
89/03/16	21:30	03/17	07:30	48-10.6S	150-05.3	2282	10.6	-3.0	13.3	11.72	11.31	34.17	6.65	.17
89/03/16	21:35	03/17	07:35	48-09.4S	150-05.0	2315	10.5	-3.0	13.3	11.72	11.65	34.15	6.90	.17
89/03/16	21:40	03/17	07:40	48-08.2S	150-04.7	2283	10.1	-3.0	13.4	11.72	11.91	34.16	6.87	.18
89/03/16	21:45	03/17	07:45	48-07.0S	150-04.5	2308	10.0	-3.0	14.0	11.72	11.99	34.19	6.90	.17
89/03/16	21:50	03/17	07:50	48-05.7S	150-04.3	2356	10.2	-3.0	13.5	11.65	12.08	34.15	6.79	.17
89/03/16	21:55	03/17	07:55	48-04.5S	150-04.0	2367	10.3	-3.0	13.9	11.72	12.16	34.18	6.87	.17
89/03/16	22:00	03/17	08:00	48-03.4S	150-03.7	2371	10.4	-3.0	13.4	11.72	12.16	34.18	6.78	.17
89/03/16	22:05	03/17	08:05	48-02.2S	150-03.5	2132	10.5	-3.0	13.4	11.72	12.08	34.15	6.80	.17
89/03/16	22:10	03/17	08:10	48-00.9S	150-03.2	2490	10.6	-3.0	13.8	11.72	11.99	34.19	6.79	.16
89/03/16	22:15	03/17	08:15	47-59.7S	150-03.0	2390	10.6	-3.0	13.8	11.72	11.91	34.16	6.70	.16
89/03/16	22:20	03/17	08:20	47-58.2S	150-02.3	2298	10.6	-3.0	13.2	11.72	12.16	34.18	6.72	.17
89/03/16	22:25	03/17	08:25	47-56.9S	150-02.0	2283	10.6	-3.0	13.4	11.72	12.33	34.24	6.77	.17
89/03/16	22:30	03/17	08:30	47-55.7S	150-01.7	2204	10.6	-3.0	13.7	11.72	12.41	34.20	6.79	.17
89/03/16	22:35	03/17	08:35	47-54.5S	150-01.5	2274	10.6	-3.0	13.4	11.80	12.41	34.20	6.74	.17
89/03/16	22:40	03/17	08:40	47-53.3S	150-01.3	2059	10.7	-3.0	13.1	11.72	12.58	34.18	6.75	.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]
89/03/16	22:45	03/17	08:45	47-52.1S	150-01.0	2197	10.8	-3.0	13.1	11.72	12.76	34.17	6.81	.17
89/03/16	22:50	03/17	08:50	47-50.8S	150-00.7	2420	10.7	-3.0	12.9	11.72	12.68	34.21	6.77	.16
89/03/16	22:55	03/17	08:55	47-49.8S	150-00.5	2474	10.6	-3.0	13.5	11.65	12.76	34.17	6.79	.17
89/03/16	23:00	03/17	09:00	47-48.4S	150-00.2	2546	10.9	-3.0	14.0	11.72	12.93	34.15	6.75	.17
89/03/16	23:05	03/17	09:04	47-47.2S	149-59.9	2695	11.0	-3.0	13.6	11.65	12.93	34.15	6.81	.17
89/03/16	23:10	03/17	09:09	47-46.0S	149-59.6	2899	10.8	-3.0	13.6	11.57	12.93	34.15	6.71	.17
89/03/16	23:15	03/17	09:14	47-44.8S	149-58.9	2608	10.7	-3.0	13.3	11.65	12.93	34.15	6.73	.17
89/03/16	23:20	03/17	09:19	47-43.8S	149-58.7	2540	10.7	-3.0	12.8	11.65	13.02	34.18	6.75	.16
89/03/16	23:25	03/17	09:24	47-42.4S	149-58.4	2294	10.3	-3.0	13.6	11.65	13.02	34.18	6.73	.16
89/03/16	23:30	03/17	09:29	47-41.2S	149-58.1	2171	10.2	-3.0	12.7	11.65	13.02	34.18	6.73	.16
89/03/16	23:35	03/17	09:34	47-40.0S	149-57.8	2562	10.5	-3.0	13.3	11.65	13.10	34.13	6.70	.16
89/03/16	23:40	03/17	09:39	47-38.8S	149-57.5	2991	10.7	-3.0	13.6	11.65	13.10	34.21	6.71	.16
89/03/16	23:45	03/17	09:44	47-37.5S	149-57.3	3007	10.8	-3.0	13.8	11.65	13.19	34.17	6.67	.16
89/03/16	23:50	03/17	09:49	47-36.3S	149-57.0	3021	10.8	-3.0	12.7	11.57	13.10	34.21	6.66	.16
89/03/16	23:55	03/17	09:54	47-35.0S	149-56.9	2919	10.6	-3.0	13.1	11.65	13.10	34.21	6.69	.16
89/03/17	00:00	03/17	09:59	47-33.8S	149-56.9	3027	10.6	-3.0	14.0	11.57	13.10	34.21	6.65	.16
89/03/17	00:05	03/17	10:04	47-32.7S	149-56.6	3128	10.7	-3.0	14.2	11.65	13.10	34.21	6.65	.16
89/03/17	00:10	03/17	10:09	47-31.4S	149-56.9	3191	10.8	-3.0	14.1	11.65	13.02	34.18	6.60	.16
89/03/17	00:15	03/17	10:14	47-30.2S	149-57.2	3190	10.8	-3.0	13.3	11.65	13.02	34.18	6.59	.16
89/03/17	00:20	03/17	10:19	47-28.9S	149-57.5	3196	10.9	-3.0	13.6	11.57	13.02	34.18	6.54	.16
89/03/17	00:25	03/17	10:24	47-27.7S	149-57.8	3197	11.0	-3.0	13.7	11.57	13.02	34.18	6.53	.16
89/03/17	00:30	03/17	10:29	47-26.5S	149-58.1	3228	11.1	-3.0	13.9	11.57	13.02	34.18	6.61	.16
89/03/17	00:35	03/17	10:34	47-25.2S	149-58.4	3279	11.1	-3.0	14.0	11.65	13.02	34.18	6.57	.16
89/03/17	00:40	03/17	10:39	47-24.0S	149-58.7	3234	11.3	-3.0	13.6	11.65	13.02	34.18	6.61	.16
89/03/17	00:45	03/17	10:44	47-22.7S	149-58.9	3344	11.3	-3.0	13.7	11.65	13.02	34.18	6.65	.16
89/03/17	00:50	03/17	10:49	47-21.5S	149-59.2	3330	11.4	-3.0	13.9	11.65	13.02	34.18	6.64	.16
89/03/17	00:55	03/17	10:54	47-20.3S	149-59.5	3457	11.4	-3.0	13.9	11.65	13.02	34.18	6.56	.16
89/03/17	01:00	03/17	10:59	47-19.1S	149-59.8	3497	11.4	-3.0	13.7	11.65	12.93	34.22	6.59	.16
89/03/17	01:05	03/17	11:05	47-17.8S	150-00.1	3518	11.3	-3.0	13.9	11.57	12.93	34.22	6.47	.16
89/03/17	01:10	03/17	11:10	47-16.6S	150-00.4	3646	10.7	-3.0	14.2	11.57	12.93	34.22	6.54	.17
89/03/17	01:15	03/17	11:15	47-15.4S	150-00.7	3631	10.6	-3.0	13.8	11.57	12.93	34.22	6.50	.16
89/03/17	01:20	03/17	11:20	47-14.2S	150-01.2	3694	10.9	-3.0	13.7	11.57	12.93	34.22	6.49	.16
89/03/17	01:25	03/17	11:25	47-13.1S	150-02.0	3629	11.2	-3.0	13.8	11.57	12.93	34.22	6.50	.16
89/03/17	01:30	03/17	11:30	47-12.8S	150-03.6	3631	11.4	-3.0	13.6	11.57	12.93	34.22	6.44	.16
89/03/17	01:35	03/17	11:35	47-11.7S	150-04.5	3927	11.4	-3.0	14.1	11.65	12.93	34.22	6.48	.16
89/03/17	01:40	03/17	11:40	47-10.6S	150-05.4	3977	11.2	-3.0	13.9	11.72	13.02	34.18	6.51	.17
89/03/17	01:45	03/17	11:45	47-09.5S	150-06.3	3953	11.4	-3.0	14.2	11.65	13.02	34.26	6.49	.16
89/03/17	01:50	03/17	11:50	47-08.3S	150-07.1	3949	11.5	-3.0	14.0	11.65	13.19	34.24	6.52	.16
89/03/17	01:55	03/17	11:55	47-07.3S	150-08.1	3820	11.5	-3.0	13.9	11.65	13.27	34.27	6.53	.16
89/03/17	02:00	03/17	12:00	47-07.1S	150-08.9	3878	11.8	-3.0	1.1	11.65	13.27	34.27	6.50	.17
89/03/17	02:05	03/17	12:05	47-07.1S	150-09.1	3857	11.6	-3.0	1.3	11.65	13.27	34.27	7.63	.18
89/03/17	02:10	03/17	12:10	47-07.1S	150-09.3	3800	11.7	-3.0	1.3	11.65	13.27	34.27	6.57	.17
89/03/17	02:15	03/17	12:15	47-07.0S	150-09.5	3880	11.8	-3.0	1.4	11.72	13.27	34.27	6.48	.17
89/03/17	02:20	03/17	12:20	47-07.0S	150-09.7	3919	11.8	-3.0	1.4	11.65	13.27	34.27	6.47	.17
89/03/17	02:25	03/17	12:25	47-07.0S	150-10.0	3900	11.7	-3.0	1.3	11.65	13.27	34.27	6.46	.17
89/03/17	02:30	03/17	12:30	47-06.9S	150-10.2	4000	11.9	-3.0	1.2	11.65	13.27	34.27	6.47	.17
89/03/17	02:35	03/17	12:35	47-06.9S	150-10.4	4030	12.1	-3.0	1.3	11.72	13.27	34.27	6.38	.17
89/03/17	02:40	03/17	12:40	47-06.8S	150-10.6	3994	11.7	-3.0	1.0	11.72	13.27	34.27	6.41	.17
89/03/17	02:45	03/17	12:45	47-06.8S	150-10.9	3935	11.7	-3.0	1.4	11.65	13.27	34.27	6.36	.17
89/03/17	02:50	03/17	12:50	47-06.8S	150-11.0	3879	11.9	-3.0	1.2	11.65	13.27	34.27	6.40	.17
89/03/17	02:55	03/17	12:55	47-06.8S	150-11.3	3884	11.9	-3.0	1.1	11.65	13.27	34.27	6.36	.17

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]
89/03/17	03:00	03/17	13:00	47-06.7S	150-11.6	3900	11.9	-3.0	1.3	11.65	13.27	34.27	6.34	.16
89/03/17	03:05	03/17	13:05	47-06.7S	150-11.7	3932	11.9	-3.0	1.3	11.65	13.27	34.27	6.36	.17
89/03/17	03:10	03/17	13:10	47-06.7S	150-11.9	3948	12.0	-3.0	1.0	11.65	13.35	34.22	6.36	.17
89/03/17	03:15	03/17	13:15	47-06.7S	150-12.5	3967	12.0	-3.0	1.0	11.65	13.35	34.22	6.35	.17
89/03/17	03:20	03/17	13:20	47-06.7S	150-12.7	3999	11.9	-3.0	1.3	11.65	13.35	34.22	6.36	.17
89/03/17	03:25	03/17	13:25	47-06.6S	150-13.0	3981	12.1	-3.0	1.3	11.57	13.35	34.30	6.35	.17
89/03/17	03:30	03/17	13:30	47-08.6S	150-13.3	3831	12.1	-3.0	1.2	11.57	13.35	34.30	6.33	.17
89/03/17	03:35	03/17	13:35	47-08.5S	150-13.5	3805	12.0	-3.0	1.3	11.65	13.35	34.30	6.31	.17
89/03/17	03:40	03/17	13:40	47-06.6S	150-13.7	3742	12.0	-3.0	1.2	11.65	13.35	34.30	6.33	.17
89/03/17	03:45	03/17	13:45	47-08.5S	150-14.2	3901	12.0	-3.0	1.1	11.65	13.35	34.30	6.30	.17
89/03/17	03:50	03/17	13:50	47-06.4S	150-14.5	4000	12.0	-3.0	6.8	11.57	13.35	34.30	6.32	.17
89/03/17	03:55	03/17	13:55	47-05.7S	150-15.0	4361	12.1	-3.0	11.3	11.50	13.35	34.30	6.32	.17
89/03/17	04:00	03/17	14:01	47-04.5S	150-15.2	0	12.1	-3.0	14.1	11.57	13.44	34.26	6.44	.17
89/03/17	04:05	03/17	14:06	47-03.3S	150-15.4	4369	12.1	-3.0	13.7	11.50	13.44	34.26	6.36	.17
89/03/17	04:10	03/17	14:11	47-02.0S	150-15.7	4378	12.1	-3.0	14.0	11.50	13.44	34.26	6.32	.17
89/03/17	04:15	03/17	14:16	47-00.8S	150-15.9	4304	12.0	-3.0	14.4	11.50	13.44	34.33	6.29	.17
89/03/17	04:20	03/17	14:21	46-59.6S	150-16.1	4336	12.0	-3.0	14.2	11.50	13.44	34.33	6.37	.17
89/03/17	04:25	03/17	14:26	46-58.3S	150-16.4	4376	12.0	-3.0	13.7	11.50	13.44	34.26	6.30	.17
89/03/17	04:30	03/17	14:31	46-57.1S	150-16.7	4414	12.0	-3.0	13.8	11.50	13.35	34.30	6.32	.16
89/03/17	04:35	03/17	14:36	46-55.8S	150-16.9	4444	12.0	-3.0	14.6	11.57	13.35	34.22	6.24	.16
89/03/17	04:40	03/17	14:41	46-54.6S	150-17.2	4444	12.0	-3.0	14.4	11.57	13.19	34.24	6.30	.16
89/03/17	04:45	03/17	14:46	46-53.3S	150-17.4	4457	12.1	-3.0	14.3	11.57	13.10	34.21	6.21	.16
89/03/17	04:50	03/17	14:51	46-52.1S	150-17.6	4441	12.0	-3.0	14.3	11.57	13.19	34.24	6.27	.16
89/03/17	04:55	03/17	14:56	46-50.8S	150-17.9	4340	12.0	-3.0	14.3	11.57	13.19	34.24	6.29	.17
89/03/17	05:00	03/17	15:01	46-49.6S	150-18.2	4352	12.1	-3.0	13.9	11.50	13.19	34.24	6.28	.16
89/03/17	05:05	03/17	15:06	46-48.6S	150-18.4	4361	12.1	-3.0	13.1	11.50	13.10	34.21	6.21	.17
89/03/17	05:10	03/17	15:11	46-47.5S	150-17.8	4369	12.2	-3.0	14.1	11.50	13.10	34.21	6.25	.17
89/03/17	05:15	03/17	15:16	46-46.0S	150-18.1	4379	12.2	-3.0	13.7	11.57	13.27	34.20	6.24	.18
89/03/17	05:20	03/17	15:21	46-44.8S	150-18.2	4398	12.3	-3.0	13.9	11.57	13.27	34.27	6.21	.18
89/03/17	05:25	03/17	15:26	46-43.6S	150-18.5	4414	12.3	-3.0	13.8	11.57	13.35	34.22	6.27	.18
89/03/17	05:30	03/17	15:31	46-42.7S	150-18.7	4425	12.4	-3.0	13.8	11.50	13.44	34.26	6.33	.17
89/03/17	05:35	03/17	15:36	46-41.3S	150-18.5	4435	12.4	-3.0	13.7	11.57	13.52	34.29	6.27	.17
89/03/17	05:40	03/17	15:41	46-40.1S	150-18.7	4445	12.3	-3.0	13.3	11.50	13.61	34.31	6.21	.18
89/03/17	05:45	03/17	15:46	46-38.9S	150-18.8	4464	12.3	-3.0	13.5	11.50	14.12	34.41	6.27	.17
89/03/17	05:50	03/17	15:51	46-37.6S	150-19.1	4466	12.2	-3.0	13.7	11.50	14.37	34.36	6.29	.17
89/03/17	05:55	03/17	15:56	46-36.4S	150-19.3	4476	12.1	-3.0	14.3	11.50	14.45	34.38	6.31	.17
89/03/17	06:00	03/17	16:01	46-35.2S	150-19.3	4494	12.2	-3.0	14.5	11.50	14.45	34.38	6.21	.17
89/03/17	06:05	03/17	16:06	46-34.0S	150-19.5	4496	12.3	-3.0	14.2	11.50	14.37	34.36	6.17	.17
89/03/17	06:10	03/17	16:11	46-32.7S	150-19.7	4495	12.4	-3.0	13.7	11.50	14.29	34.32	6.16	.17
89/03/17	06:15	03/17	16:16	46-31.5S	150-19.9	4497	12.3	-3.0	13.7	11.50	14.20	34.37	6.16	.18
89/03/17	06:20	03/17	16:21	46-30.2S	150-20.1	4488	12.4	-3.0	14.0	11.50	14.20	34.37	6.10	.18
89/03/17	06:25	03/17	16:26	46-29.0S	150-20.3	4481	12.4	-3.0	13.9	11.50	14.20	34.37	6.12	.17
89/03/17	06:30	03/17	16:31	46-27.8S	150-20.5	4496	12.4	-3.0	14.5	11.50	14.20	34.30	6.09	.17
89/03/17	06:35	03/17	16:36	46-26.5S	150-20.6	4461	12.3	-3.0	14.3	11.50	14.20	34.30	6.11	.18
89/03/17	06:40	03/17	16:41	46-25.3S	150-20.8	4435	12.3	-3.0	14.2	11.50	14.12	34.34	6.09	.17
89/03/17	06:45	03/17	16:46	46-24.0S	150-21.0	4401	12.3	-3.0	14.0	11.50	14.03	34.24	6.11	.18
89/03/17	06:50	03/17	16:51	46-22.7S	150-21.2	4383	12.3	-3.0	14.4	11.50	13.95	34.21	6.07	.18
89/03/17	06:55	03/17	16:56	46-21.6S	150-21.4	4419	12.4	-3.0	14.1	11.42	13.86	34.26	6.04	.19
89/03/17	07:00	03/17	17:01	46-20.3S	150-21.5	4425	12.3	-3.0	14.2	11.50	13.86	34.26	6.05	.19
89/03/17	07:05	03/17	17:06	46-19.0S	150-21.7	4484	12.3	-3.0	14.2	11.42	13.86	34.26	6.03	.18
89/03/17	07:10	03/17	17:11	46-17.8S	150-21.9	4476	12.4	-3.0	14.0	11.42	13.95	34.28	6.10	.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]
89/03/17	07:16	03/17	17:16	46-16.6S	150-22.1	4468	12.3	-3.0	13.7	11.42	14.03	34.24	6.04	.18
89/03/17	07:20	03/17	17:21	46-15.3S	150-22.3	4512	12.3	-3.0	14.4	11.42	13.95	34.28	6.05	.18
89/03/17	07:25	03/17	17:26	46-14.4S	150-21.9	4540	12.3	-3.0	14.6	11.42	13.95	34.28	6.08	.18
89/03/17	07:30	03/17	17:31	46-13.2S	150-22.1	4596	12.1	-3.0	14.3	11.42	13.95	34.28	6.08	.18
89/03/17	07:35	03/17	17:36	46-11.9S	150-22.3	4654	12.2	-3.0	14.0	11.42	13.95	34.28	6.05	.18
89/03/17	07:40	03/17	17:41	46-10.7S	150-22.5	4636	12.3	-3.0	13.3	11.50	13.95	34.28	6.04	.18
89/03/17	07:45	03/17	17:46	46-09.5S	150-22.7	4654	12.2	-3.0	13.7	11.42	13.95	34.28	6.10	.18
89/03/17	07:50	03/17	17:51	46-08.4S	150-22.9	4693	12.1	-3.0	12.0	11.42	13.95	34.28	6.07	.18
89/03/17	07:55	03/17	17:56	46-07.4S	150-23.0	4689	12.1	-3.0	11.7	11.42	13.95	34.21	6.06	.18
89/03/17	08:00	03/17	18:01	46-06.4S	150-23.2	4699	12.1	-3.0	10.7	11.42	13.86	34.26	6.03	.18
89/03/17	08:05	03/17	18:06	46-05.4S	150-23.3	4706	12.2	-3.0	11.4	11.42	13.86	34.26	6.16	.18
89/03/17	08:10	03/17	18:11	46-04.4S	150-23.5	4724	12.2	-3.0	11.4	11.42	13.86	34.26	6.05	.17
89/03/17	08:15	03/17	18:16	46-03.4S	150-23.6	4711	12.4	-3.0	11.3	11.42	13.95	34.21	6.03	.18
89/03/17	08:20	03/17	18:21	46-02.3S	150-23.8	4709	12.5	-3.0	11.2	11.42	14.03	34.31	6.08	.18
89/03/17	08:25	03/17	18:26	46-01.3S	150-23.9	4721	12.6	-3.0	11.5	11.42	14.29	34.26	6.07	.17
89/03/17	08:30	03/17	18:31	46-00.3S	150-24.1	4712	12.6	-3.0	11.3	11.42	14.37	34.36	6.08	.17
89/03/17	08:35	03/17	18:36	45-59.3S	150-24.2	4582	12.6	-3.0	11.2	11.42	14.54	34.41	6.11	.17
89/03/17	08:40	03/17	18:41	45-58.3S	150-24.4	4158	12.6	-3.0	11.2	11.42	14.71	34.39	6.13	.17
89/03/17	08:45	03/17	18:46	45-57.3S	150-24.5	3694	12.4	-3.0	11.3	11.42	14.71	34.39	6.13	.17
89/03/17	08:50	03/17	18:51	45-56.8S	150-24.7	3579	12.4	-3.0	11.8	11.42	14.79	34.42	6.12	.17
89/03/17	08:55	03/17	18:56	45-55.7S	150-24.8	3149	12.5	-3.0	11.6	11.42	14.79	34.42	6.06	.17
89/03/17	09:00	03/17	19:01	45-54.7S	150-25.0	2976	12.5	-3.0	11.8	11.42	14.79	34.35	6.04	.16
89/03/17	09:05	03/17	19:06	45-53.7S	150-25.1	2609	12.6	-3.0	11.0	11.42	14.71	34.39	6.04	.17
89/03/17	09:10	03/17	19:11	45-52.7S	150-25.3	2320	12.7	-3.0	11.6	11.42	14.62	34.44	6.01	.17
89/03/17	09:15	03/17	19:16	45-51.7S	150-25.4	2262	12.7	-3.0	11.6	11.42	14.62	34.37	6.02	.17
89/03/17	09:20	03/17	19:21	45-50.6S	150-25.6	2172	12.4	-3.0	11.0	11.42	14.62	34.37	5.96	.17
89/03/17	09:25	03/17	19:26	45-49.7S	150-25.7	2160	12.3	-3.0	11.7	11.42	14.62	34.37	5.99	.17
89/03/17	09:30	03/17	19:31	45-48.7S	150-25.9	2193	12.2	-3.0	11.7	11.42	14.62	34.37	5.97	.16
89/03/17	09:35	03/17	19:36	45-47.7S	150-26.0	2225	12.2	-3.0	11.7	11.42	14.54	34.41	5.97	.17
89/03/17	09:40	03/17	19:41	45-46.7S	150-26.2	2604	12.3	-3.0	11.8	11.42	14.54	34.41	5.98	.17
89/03/17	09:45	03/17	19:46	45-45.7S	150-26.3	3322	12.3	-3.0	11.8	11.42	14.54	34.41	5.98	.17
89/03/17	09:50	03/17	19:51	45-44.6S	150-26.5	3685	12.3	-3.0	10.7	11.42	14.62	34.37	6.01	.17
89/03/17	09:55	03/17	19:56	45-43.7S	150-26.6	3700	12.3	-3.0	11.4	11.42	14.71	34.39	5.97	.17
89/03/17	10:00	03/17	20:01	45-42.7S	150-26.8	4168	12.5	-3.0	11.6	11.34	14.71	34.39	6.01	.17
89/03/17	10:05	03/17	20:06	45-41.7S	150-27.0	4300	12.6	-3.0	11.7	11.42	14.97	34.48	5.98	.17
89/03/17	10:10	03/17	20:11	45-40.7S	150-27.1	4779	12.7	-3.0	11.3	11.34	15.14	34.46	6.09	.17
89/03/17	10:15	03/17	20:16	45-39.7S	150-27.3	4842	12.7	-3.0	11.4	11.34	15.23	34.49	6.03	.17
89/03/17	10:20	03/17	20:21	45-38.7S	150-27.5	4854	12.6	-3.0	11.3	11.34	15.23	34.49	6.00	.16
89/03/17	10:25	03/17	20:26	45-37.7S	150-27.6	4771	12.6	-3.0	11.1	11.34	15.23	34.49	5.99	.17
89/03/17	10:30	03/17	20:31	45-36.9S	150-27.7	4722	12.6	-3.0	11.9	11.34	15.23	34.49	5.99	.16
89/03/17	10:35	03/17	20:36	45-35.9S	150-27.9	4668	12.6	-3.0	11.8	11.42	15.23	34.49	5.92	.16
89/03/17	10:40	03/17	20:41	45-34.9S	150-28.0	4688	12.6	-3.0	11.9	11.42	15.31	34.45	5.91	.16
89/03/17	10:45	03/17	20:46	45-33.9S	150-28.2	4725	12.7	-3.0	11.4	11.42	15.14	34.46	5.94	.16
89/03/17	10:50	03/17	20:51	45-32.9S	150-28.4	4735	12.5	-3.0	11.9	11.42	15.14	34.46	5.89	.16
89/03/17	10:55	03/17	20:56	45-31.9S	150-28.5	4717	12.4	-3.0	11.7	11.42	15.14	34.46	5.88	.16
89/03/17	11:00	03/17	21:01	45-30.8S	150-28.7	4709	12.5	-3.0	11.2	11.42	15.14	34.46	5.88	.16
89/03/17	11:05	03/17	21:06	45-29.9S	150-28.9	4715	12.4	-3.0	11.6	11.42	15.14	34.39	5.89	.16
89/03/17	11:10	03/17	21:11	45-28.9S	150-29.0	4692	12.6	-3.0	11.5	11.34	15.14	34.39	5.90	.17
89/03/17	11:15	03/17	21:16	45-27.9S	150-29.2	4846	12.6	-3.0	11.0	11.34	15.31	34.45	5.92	.17
89/03/17	11:20	03/17	21:21	45-26.9S	150-29.3	4943	12.6	-3.0	11.1	11.34	15.85	34.48	5.96	.16
89/03/17	11:25	03/17	21:26	45-25.9S	150-29.5	4193	12.7	-3.0	11.8	11.34	15.90	34.50	5.98	.16

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]
89/03/17	11:30	03/17	21:31	45-24.9S	150-29.6	4097	12.9	-3.0	11.1	11.34	16.07	34.48	5.98	.16
89/03/17	11:35	03/17	21:36	45-23.9S	150-29.8	4629	12.8	-3.0	11.6	11.34	16.07	34.48	6.02	.16
89/03/17	11:40	03/17	21:41	45-22.9S	150-29.9	4562	12.7	-3.0	11.3	11.34	16.07	34.55	5.96	.16
89/03/17	11:45	03/17	21:47	45-22.0S	150-30.1	4602	12.7	-3.0	11.7	11.34	16.16	34.50	5.93	.16
89/03/17	11:50	03/17	21:52	45-20.9S	150-30.3	4593	12.7	-3.0	11.3	11.42	16.07	34.48	5.94	.16
89/03/17	11:55	03/17	21:57	45-19.9S	150-30.5	4569	12.7	-3.0	11.7	11.42	16.07	34.48	5.95	.16
89/03/17	12:00	03/17	22:02	45-18.9S	150-30.6	4569	12.8	-3.0	11.4	11.42	16.07	34.48	5.88	.16
89/03/17	12:05	03/17	22:07	45-17.9S	150-30.8	4569	12.8	-3.0	11.5	11.42	16.16	34.50	5.91	.16
89/03/17	12:10	03/17	22:12	45-17.0S	150-30.9	4565	12.8	-3.0	11.8	11.42	16.07	34.55	5.93	.16
89/03/17	12:15	03/17	22:17	45-16.0S	150-31.1	4529	12.7	-3.0	10.9	11.42	16.07	34.48	5.85	.16
89/03/17	12:20	03/17	22:22	45-15.3S	150-32.6	4529	12.6	-3.0	11.1	11.42	16.07	34.48	5.85	.16
89/03/17	12:25	03/17	22:27	45-14.3S	150-32.8	4514	12.6	-3.0	11.6	11.42	16.07	34.48	5.84	.16
89/03/17	12:30	03/17	22:32	45-13.3S	150-33.0	4462	12.8	-3.0	11.7	11.42	16.07	34.48	5.85	.16
89/03/17	12:35	03/17	22:37	45-12.4S	150-33.2	4447	13.0	-3.0	11.7	11.50	16.07	34.48	5.92	.16
89/03/17	12:40	03/17	22:42	45-11.3S	150-33.4	4382	13.1	-3.0	11.3	11.42	15.99	34.52	5.89	.17
89/03/17	12:45	03/17	22:47	45-10.4S	150-33.5	4323	13.0	-3.0	11.5	11.50	15.99	34.52	5.82	.17
89/03/17	12:50	03/17	22:52	45-09.4S	150-33.7	4297	13.0	-3.0	12.0	11.50	15.99	34.52	5.85	.17
89/03/17	12:55	03/17	22:57	45-08.4S	150-34.0	4229	13.0	-3.0	11.9	11.42	16.07	34.55	5.86	.16
89/03/17	13:00	03/17	23:02	45-07.4S	150-34.1	4186	13.0	-3.0	11.6	11.42	16.07	34.55	5.91	.16
89/03/17	13:05	03/17	23:07	45-06.4S	150-34.3	4137	13.0	-3.0	11.6	11.42	16.07	34.55	5.86	.16
89/03/17	13:10	03/17	23:12	45-05.5S	150-34.5	4103	12.9	-3.0	11.0	11.42	16.07	34.55	5.88	.17
89/03/17	13:15	03/17	23:17	45-04.5S	150-34.7	4108	12.7	-3.0	11.3	11.42	16.07	34.55	5.90	.17
89/03/17	13:20	03/17	23:22	45-03.5S	150-34.9	4067	12.7	-3.0	12.0	11.42	16.07	34.48	5.84	.17
89/03/17	13:25	03/17	23:27	45-02.5S	150-35.0	4008	12.7	-3.0	11.7	11.42	15.99	34.52	5.80	.17
89/03/17	13:30	03/17	23:32	45-01.6S	150-35.2	3933	12.9	-3.0	11.0	11.42	15.99	34.45	5.84	.17
89/03/17	13:35	03/17	23:37	45-00.6S	150-35.4	3863	13.0	-3.0	11.8	11.42	15.90	34.50	5.88	.17
89/03/17	13:40	03/17	23:42	44-59.6S	150-35.6	3792	13.2	-3.0	11.3	11.42	15.90	34.50	5.85	.17
89/03/17	13:45	03/17	23:47	44-58.6S	150-35.8	3669	13.3	-3.0	11.1	11.42	15.90	34.50	5.86	.17
89/03/17	13:50	03/17	23:52	44-57.7S	150-36.0	3579	13.3	-3.0	11.8	11.42	15.90	34.50	5.84	.17
89/03/17	13:55	03/17	23:57	44-56.6S	150-36.2	3484	13.3	-3.0	11.9	11.42	15.90	34.50	5.80	.17
89/03/17	14:00	03/18	00:02	44-55.7S	150-36.4	3434	13.4	-3.0	11.3	11.42	15.82	34.46	5.88	.17
89/03/17	14:05	03/18	00:07	44-55.0S	150-36.9	3437	13.4	-3.0	11.1	11.42	15.82	34.46	5.88	.18
89/03/17	14:10	03/18	00:12	44-54.1S	150-36.1	3392	13.3	-3.0	11.8	11.42	15.73	34.51	5.83	.18
89/03/17	14:15	03/18	00:17	44-53.2S	150-36.3	3367	13.4	-3.0	12.1	11.42	15.73	34.51	5.83	.17
89/03/17	14:20	03/18	00:22	44-52.1S	150-36.5	3340	13.4	-3.0	11.7	11.42	15.82	34.46	5.85	.17
89/03/17	14:25	03/18	00:27	44-51.2S	150-36.7	3124	13.4	-3.0	11.7	11.42	15.82	34.46	5.84	.17
89/03/17	14:30	03/18	00:32	44-50.2S	150-36.8	3276	13.4	-3.0	11.6	11.42	15.82	34.46	5.91	.17
89/03/17	14:35	03/18	00:37	44-49.3S	150-37.0	3261	13.4	-3.0	11.5	11.60	15.82	34.46	5.86	.17
89/03/17	14:40	03/18	00:42	44-48.3S	150-37.6	3205	13.4	-3.0	11.8	11.42	15.82	34.46	5.85	.17
89/03/17	14:45	03/18	00:47	44-47.3S	150-37.7	3183	13.5	-3.0	11.7	11.42	15.82	34.46	5.84	.17
89/03/17	14:50	03/18	00:52	44-46.3S	150-37.9	3186	13.5	-3.0	11.7	11.42	15.90	34.50	5.85	.17
89/03/17	14:55	03/18	00:57	44-45.4S	150-38.0	3136	13.5	-3.0	11.6	11.42	15.90	34.50	5.83	.17
89/03/17	15:00	03/18	01:02	44-44.3S	150-38.2	3163	13.7	-3.0	11.8	11.42	15.90	34.50	5.89	.17
89/03/17	15:05	03/18	01:07	44-43.4S	150-38.3	3086	13.7	-3.0	11.5	11.42	15.99	34.52	5.85	.17
89/03/17	15:10	03/18	01:12	44-42.4S	150-38.4	3057	13.7	-3.0	11.2	11.34	15.99	34.52	5.86	.17
89/03/17	15:15	03/18	01:17	44-41.4S	150-38.6	3040	13.7	-3.0	11.9	11.34	16.07	34.48	5.85	.16
89/03/17	15:20	03/18	01:22	44-40.4S	150-38.7	3023	13.8	-3.0	11.8	11.34	16.07	34.48	5.85	.16
89/03/17	15:25	03/18	01:27	44-39.5S	150-38.8	3006	13.8	-3.0	11.1	11.34	16.07	34.55	5.83	.16
89/03/17	15:30	03/18	01:32	44-38.5S	150-38.8	2977	13.8	-3.0	11.5	11.34	16.07	34.48	5.86	.16
89/03/17	15:35	03/18	01:37	44-37.5S	150-38.9	2965	13.9	-3.0	11.8	11.34	16.07	34.48	5.76	.16
89/03/17	15:40	03/18	01:42	44-36.5S	150-39.0	2974	14.0	-3.0	11.7	11.42	15.99	34.52	5.83	.16

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]
89/03/17	15:45	03/18	01:47	44-35.3S	150-39.1	2963	14.1	-3.0	11.8	11.42	15.99	34.52	5.78	.16
89/03/17	15:50	03/18	01:52	44-34.3S	150-39.3	2945	14.1	-3.0	11.9	11.34	15.99	34.52	5.82	.16
89/03/17	15:55	03/18	01:57	44-33.3S	150-39.5	2951	14.2	-3.0	11.5	11.34	15.99	34.52	5.80	.16
89/03/17	16:00	03/18	02:02	44-32.3S	150-39.6	2958	14.2	-3.0	11.1	11.34	15.99	34.59	5.80	.16
89/03/17	16:05	03/18	02:07	44-31.3S	150-39.7	2954	14.2	-3.0	11.7	11.34	16.07	34.55	5.80	.16
89/03/17	16:10	03/18	02:12	44-30.4S	150-39.9	2959	14.2	-3.0	11.5	11.27	16.07	34.55	5.82	.16
89/03/17	16:15	03/18	02:17	44-29.4S	150-40.0	2944	14.2	-3.0	11.8	11.27	16.07	34.55	5.88	.16
89/03/17	16:20	03/18	02:22	44-28.4S	150-40.1	2945	14.2	-3.0	11.3	11.88	16.07	34.55	5.84	.16
89/03/17	16:25	03/18	02:27	44-27.4S	150-40.3	2936	14.2	-3.0	11.8	12.03	16.07	34.55	5.84	.16
89/03/17	16:30	03/18	02:32	44-26.5S	150-40.2	2920	14.1	-3.0	11.9	11.95	16.07	34.55	5.83	.16
89/03/17	16:35	03/18	02:37	44-25.4S	150-40.4	2960	14.0	-3.0	11.4	12.03	16.07	34.55	5.80	.16
89/03/17	16:40	03/18	02:42	44-24.5S	150-40.5	2935	13.8	-3.0	10.8	11.95	16.07	34.55	5.83	.16
89/03/17	16:45	03/18	02:47	44-23.5S	150-40.6	2957	13.5	-3.0	11.7	11.95	16.16	34.60	5.88	.16
89/03/17	16:50	03/18	02:52	44-22.6S	150-40.7	2904	13.5	-3.0	11.3	11.95	16.16	34.60	5.86	.16
89/03/17	16:55	03/18	02:57	44-21.8S	150-40.9	2918	13.4	-3.0	11.9	11.95	16.16	34.57	5.83	.16
89/03/17	17:00	03/18	03:02	44-20.8S	150-41.0	2938	13.5	-3.0	11.9	11.95	16.16	34.60	5.82	.16
89/03/17	17:05	03/18	03:07	44-19.8S	150-41.1	2923	13.5	-3.0	11.7	11.95	16.16	34.60	5.83	.16
89/03/17	17:10	03/18	03:12	44-18.6S	150-41.3	2950	13.6	-3.0	11.9	11.95	16.16	34.60	5.82	.16
89/03/17	17:15	03/18	03:17	44-17.8S	150-41.4	2980	13.7	-3.0	11.9	12.03	16.16	34.50	5.77	.16
89/03/17	17:20	03/18	03:22	44-16.6S	150-41.5	3018	13.7	-3.0	11.8	11.95	16.16	34.60	5.79	.16
89/03/17	17:25	03/18	03:27	44-15.6S	150-41.6	3034	13.8	-3.0	11.9	11.95	16.16	34.57	5.82	.16
89/03/17	17:30	03/18	03:32	44-14.6S	150-41.8	3087	14.0	-3.0	11.5	12.03	16.24	34.53	5.79	.16
89/03/17	17:35	03/18	03:37	44-13.6S	150-41.9	3130	14.1	-3.0	11.9	12.03	16.24	34.53	5.88	.16
89/03/17	17:40	03/18	03:42	44-12.8S	150-42.0	3036	14.1	-3.0	11.7	12.03	16.24	34.53	5.81	.16
89/03/17	17:45	03/18	03:47	44-11.8S	150-42.1	2450	14.1	-3.0	11.5	12.03	16.24	34.53	5.76	.16
89/03/17	17:50	03/18	03:52	44-10.6S	150-42.2	2414	14.0	-3.0	11.9	12.03	16.24	34.53	5.77	.16
89/03/17	17:55	03/18	03:57	44-09.3S	150-42.2	2290	13.9	-3.0	11.9	12.03	16.24	34.53	5.80	.16
89/03/17	18:00	03/18	04:02	44-08.3S	150-42.4	2246	13.8	-3.0	11.9	12.03	16.24	34.53	5.80	.16
89/03/17	18:05	03/18	04:07	44-07.3S	150-42.5	2234	13.8	-3.0	11.7	11.95	16.24	34.53	5.78	.16
89/03/17	18:10	03/18	04:12	44-06.2S	150-42.6	2190	13.8	-3.0	12.1	11.95	16.24	34.53	5.81	.16
89/03/17	18:15	03/18	04:17	44-05.2S	150-42.7	2256	13.8	-3.0	11.0	11.95	16.24	34.53	5.76	.16
89/03/17	18:20	03/18	04:22	44-04.4S	150-42.5	2279	13.9	-3.0	11.8	11.95	16.24	34.53	5.79	.16
89/03/17	18:25	03/18	04:27	44-03.4S	150-42.5	2277	14.1	-3.0	11.8	11.95	16.16	34.60	5.73	.16
89/03/17	18:30	03/18	04:32	44-02.4S	150-42.5	2361	14.2	-3.0	11.7	11.95	16.16	34.50	5.77	.16
89/03/17	18:35	03/18	04:37	44-01.4S	150-42.5	2348	14.3	-3.0	12.1	11.95	16.24	34.53	5.76	.16
89/03/17	18:40	03/18	04:42	44-00.4S	150-42.5	2625	14.3	-3.0	12.1	11.95	16.24	34.53	5.74	.16
89/03/17	18:45	03/18	04:47	43-59.3S	150-42.5	2595	14.3	-3.0	11.7	11.88	16.24	34.53	5.74	.16
89/03/17	18:50	03/18	04:52	43-58.3S	150-42.5	2635	14.3	-3.0	11.8	11.88	16.33	34.56	5.73	.16
89/03/17	18:55	03/18	04:57	43-57.3S	150-42.6	2433	14.4	-3.0	12.2	11.72	16.41	34.58	5.68	.16
89/03/17	19:00	03/18	05:02	43-56.3S	150-42.6	2453	14.5	-3.0	12.0	11.72	16.41	34.58	5.71	.16
89/03/17	19:05	03/18	05:07	43-55.1S	150-42.0	2442	14.6	-3.0	11.4	11.72	16.41	34.51	5.71	.16
89/03/17	19:10	03/18	05:12	43-54.1S	150-42.0	2451	14.7	-3.0	11.8	11.72	16.41	34.58	5.66	.16
89/03/17	19:15	03/18	05:17	43-53.2S	150-42.0	2306	14.7	-3.0	11.5	11.72	16.58	34.57	5.85	.15
89/03/17	19:20	03/18	05:22	43-52.1S	150-42.0	2527	14.8	-3.0	11.9	11.72	17.26	34.64	5.79	.16
89/03/17	19:25	03/18	05:27	43-51.1S	150-41.9	2532	14.9	-3.0	11.2	11.72	17.44	34.69	5.79	.15
89/03/17	19:30	03/18	05:32	43-50.1S	150-41.9	2552	15.0	-3.0	11.9	11.50	17.52	34.71	5.75	.15
89/03/17	19:35	03/18	05:37	43-49.1S	150-42.0	2595	15.0	-3.0	11.5	11.50	17.89	34.76	5.85	.15
89/03/17	19:40	03/18	05:42	43-48.1S	150-41.9	2643	15.0	-3.0	11.7	11.50	17.69	34.69	5.78	.15
89/03/17	19:45	03/18	05:47	43-47.0S	150-41.9	2671	14.9	-3.0	11.4	11.50	17.52	34.64	5.77	.15
89/03/17	19:50	03/18	05:52	43-46.0S	150-42.0	2687	14.9	-3.0	11.7	11.50	17.35	34.59	5.75	.15
89/03/17	19:55	03/18	05:57	43-45.0S	150-42.1	2694	14.9	-3.0	10.9	11.50	17.26	34.64	5.67	.15

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]
89/03/17	20:00	03/18	06:02	43-44.0S	150-42.2	2701	14.9	-3.0	11.6	11.50	17.26	34.57	5.71	.15
89/03/17	20:05	03/18	06:07	43-43.0S	150-42.2	2690	14.9	-3.0	11.8	11.50	17.00	34.56	5.71	.16
89/03/17	20:10	03/18	06:12	43-41.9S	150-42.3	2677	14.9	-3.0	11.9	11.50	16.66	34.45	5.62	.17
89/03/17	20:15	03/18	06:17	43-40.9S	150-42.4	2668	14.8	-3.0	11.7	11.50	16.41	34.45	5.56	.16
89/03/17	20:20	03/18	06:22	43-39.9S	150-42.5	2659	14.8	-3.0	11.3	11.50	16.41	34.45	5.59	.16
89/03/17	20:25	03/18	06:27	43-38.9S	150-42.5	2648	14.9	-3.0	11.8	11.50	16.41	34.45	5.62	.16
89/03/17	20:30	03/18	06:32	43-37.9S	150-42.6	2639	14.8	-3.0	12.0	11.50	16.50	34.40	5.67	.16
89/03/17	20:35	03/18	06:37	43-36.9S	150-42.7	2630	14.9	-3.0	11.4	11.57	16.50	34.40	5.64	.16
89/03/17	20:40	03/18	06:42	43-35.9S	150-42.8	2626	14.9	-3.0	11.2	11.50	16.58	34.43	5.71	.16
89/03/17	20:45	03/18	06:47	43-34.9S	150-42.9	2628	14.9	-3.0	12.0	11.50	16.66	34.38	5.69	.16
89/03/17	20:50	03/18	06:52	43-33.9S	150-43.0	2645	15.0	-3.0	11.6	11.50	16.66	34.45	5.67	.16
89/03/17	20:55	03/18	06:57	43-32.9S	150-43.0	2675	15.0	-3.0	11.8	11.50	16.75	34.41	5.64	.16
89/03/17	21:00	03/18	07:02	43-31.9S	150-43.1	2754	14.9	-3.0	11.7	11.50	16.75	34.41	5.68	.16
89/03/17	21:05	03/18	07:07	43-30.9S	150-42.9	2767	14.9	-3.0	12.0	11.50	16.75	34.41	5.66	.16
89/03/17	21:10	03/18	07:12	43-29.9S	150-43.0	2745	15.0	-3.0	11.4	11.50	16.75	34.41	5.71	.16
89/03/17	21:15	03/18	07:17	43-28.9S	150-43.0	2815	15.0	-3.0	12.0	11.50	16.83	34.44	5.69	.16
89/03/17	21:20	03/18	07:22	43-27.8S	150-43.1	2838	15.0	-3.0	12.1	11.50	16.92	34.46	5.71	.15
89/03/17	21:25	03/18	07:27	43-26.8S	150-43.1	2790	15.0	-3.0	11.4	11.50	17.00	34.49	5.72	.15
89/03/17	21:30	03/18	07:32	43-25.9S	150-43.2	2787	15.0	-3.0	11.8	11.50	16.83	34.51	5.66	.16
89/03/17	21:35	03/18	07:37	43-24.8S	150-43.3	2745	15.0	-3.0	11.6	11.50	16.92	34.46	5.69	.16
89/03/17	21:40	03/18	07:42	43-23.8S	150-43.4	2892	15.0	-3.0	11.9	11.50	17.09	34.58	5.73	.16
89/03/17	21:45	03/18	07:47	43-22.7S	150-43.4	2904	15.0	-3.0	11.9	11.42	17.17	34.61	5.71	.15
89/03/17	21:50	03/18	07:52	43-21.8S	150-43.6	2950	15.1	-3.0	12.1	11.42	17.00	34.56	5.68	.15
89/03/17	21:55	03/18	07:57	43-20.8S	150-43.7	2991	15.2	-3.0	12.0	11.50	17.00	34.56	5.66	.15
89/03/17	22:00	03/18	08:02	43-19.7S	150-43.8	3030	15.2	-3.0	12.0	11.42	17.17	34.61	5.77	.16
89/03/17	22:05	03/18	08:07	43-18.7S	150-43.9	3111	15.3	-3.0	12.0	11.42	17.35	34.66	5.83	.16
89/03/17	22:10	03/18	08:12	43-17.7S	150-44.0	3144	15.3	-3.0	12.0	11.42	17.52	34.71	5.79	.16
89/03/17	22:15	03/18	08:17	43-16.6S	150-44.0	3216	15.2	-3.0	11.5	11.42	17.69	34.69	5.89	.16
89/03/17	22:20	03/18	08:22	43-15.7S	150-44.2	3275	15.2	-3.0	12.1	11.42	17.69	34.69	5.85	.16
89/03/17	22:25	03/18	08:27	43-14.6S	150-44.3	3346	15.2	-3.0	12.0	11.42	17.69	34.63	5.85	.16
89/03/17	22:30	03/18	08:32	43-13.6S	150-44.3	3516	15.2	-3.0	11.8	11.42	17.69	34.63	5.76	.15
89/03/17	22:35	03/18	08:37	43-12.7S	150-44.6	3503	15.2	-3.0	12.3	11.42	17.61	34.60	5.74	.15
89/03/17	22:40	03/18	08:42	43-11.7S	150-44.8	3596	15.2	-3.0	11.9	11.42	17.35	34.52	5.69	.15
89/03/17	22:45	03/18	08:47	43-10.7S	150-44.8	3678	15.2	-3.0	12.2	11.50	16.92	34.46	5.60	.16
89/03/17	22:50	03/18	08:52	43-09.7S	150-44.9	3816	15.2	-3.0	11.8	11.42	16.75	34.41	5.68	.16
89/03/17	22:55	03/18	08:58	43-08.6S	150-45.2	3728	15.2	-3.0	11.9	11.42	16.75	34.41	5.60	.16
89/03/17	23:00	03/18	09:03	43-07.6S	150-45.4	3941	15.2	-3.0	11.8	11.42	16.75	34.41	5.66	.16
89/03/17	23:05	03/18	09:08	43-06.5S	150-45.4	3979	15.2	-3.0	11.9	11.42	16.75	34.48	5.66	.16
89/03/17	23:10	03/18	09:13	43-05.5S	150-45.5	3958	15.2	-3.0	11.9	11.42	16.83	34.51	5.66	.15
89/03/17	23:15	03/18	09:18	43-04.5S	150-45.7	3964	15.2	-3.0	12.1	11.42	16.83	34.51	5.68	.15
89/03/17	23:20	03/18	09:23	43-03.5S	150-45.8	3955	15.2	-3.0	12.3	11.42	16.75	34.48	5.71	.16
89/03/17	23:25	03/18	09:28	43-02.5S	150-45.8	3967	15.1	-3.0	11.8	11.42	16.66	34.45	5.67	.16
89/03/17	23:30	03/18	09:33	43-01.4S	150-46.0	3996	15.1	-3.0	12.1	11.42	16.16	34.36	5.72	.16
89/03/17	23:35	03/18	09:38	43-00.4S	150-46.1	4067	15.0	-3.0	12.0	11.42	15.99	34.38	5.71	.16
89/03/17	23:40	03/18	09:43	42-59.3S	150-46.2	4202	14.9	-3.0	12.0	11.42	15.82	34.32	5.72	.16
89/03/17	23:45	03/18	09:48	42-58.3S	150-46.3	4236	14.9	-3.0	11.8	11.42	15.65	34.34	5.66	.16
89/03/17	23:50	03/18	09:53	42-57.4S	150-46.4	4163	14.9	-3.0	12.2	11.42	15.56	34.31	5.67	.16
89/03/17	23:55	03/18	09:58	42-56.3S	150-46.5	4142	14.9	-3.0	12.1	11.42	15.56	34.38	5.55	.16
89/03/18	00:00	03/18	10:03	42-55.3S	150-46.6	4142	15.1	-3.0	12.0	11.42	15.65	34.41	5.66	.16
89/03/18	00:05	03/18	10:08	42-54.2S	150-46.7	4130	15.3	-3.0	12.0	11.42	15.73	34.44	5.66	.16
89/03/18	00:10	03/18	10:13	42-53.2S	150-46.8	4092	15.3	-3.0	12.1	11.42	16.33	34.49	5.74	.16

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]
89/03/18	00:15	03/18	10:18	42-52.2S	150-46.9	4062	16.5	-3.0	11.9	11.34	16.83	34.58	5.80	.15
89/03/18	00:20	03/18	10:23	42-51.1S	150-48.3	4055	15.6	-3.0	11.9	11.34	17.26	34.84	5.89	.15
89/03/18	00:25	03/18	10:28	42-50.1S	150-48.5	4023	16.8	-3.0	12.0	11.34	17.44	34.62	5.86	.15
89/03/18	00:30	03/18	10:33	42-49.1S	150-48.6	4057	15.9	-3.0	11.8	11.34	17.61	34.67	5.85	.14
89/03/18	00:35	03/18	10:38	42-48.1S	150-48.8	4081	16.1	-3.0	11.4	11.34	17.94	34.70	5.86	.15
89/03/18	00:40	03/18	10:43	42-47.1S	150-49.0	4094	16.2	-3.0	11.8	11.34	18.03	34.72	5.79	.15
89/03/18	00:45	03/18	10:48	42-46.1S	150-49.1	4106	16.3	-3.0	12.0	11.34	18.20	34.71	5.76	.15
89/03/18	00:50	03/18	10:53	42-45.1S	150-49.3	4134	16.3	-3.0	11.8	11.34	18.28	34.74	5.68	.15
89/03/18	00:55	03/18	10:58	42-44.0S	150-49.4	4146	16.4	-3.0	11.6	11.34	18.37	34.76	5.70	.15
89/03/18	01:00	03/18	11:03	42-43.0S	150-49.6	4161	16.4	-3.0	11.6	11.34	18.37	34.76	5.62	.15
89/03/18	01:05	03/18	11:08	42-42.0S	150-49.7	4189	16.5	-3.0	11.9	11.34	18.45	34.78	5.57	.15
89/03/18	01:10	03/18	11:13	42-41.0S	150-49.9	4197	16.6	-3.0	11.9	11.34	18.54	34.74	5.58	.15
89/03/18	01:15	03/18	11:18	42-40.0S	150-50.0	4228	16.7	-3.0	11.7	11.34	18.54	34.81	5.58	.15
89/03/18	01:20	03/18	11:23	42-39.1S	150-50.5	4235	16.7	-3.0	12.0	11.34	18.71	34.79	5.54	.15
89/03/18	01:25	03/18	11:28	42-38.1S	150-50.6	4263	16.7	-3.0	11.6	11.27	18.71	34.79	5.57	.15
89/03/18	01:30	03/18	11:33	42-37.1S	150-50.8	4277	16.7	-3.0	12.0	11.27	18.71	34.79	5.55	.15
89/03/18	01:35	03/18	11:38	42-36.1S	150-51.0	4292	16.8	-3.0	11.8	11.34	18.71	34.72	5.56	.15
89/03/18	01:40	03/18	11:43	42-35.0S	150-51.2	4309	16.8	-3.0	11.9	11.34	18.62	34.76	5.54	.15
89/03/18	01:45	03/18	11:48	42-34.0S	150-51.3	4338	16.8	-3.0	12.0	11.34	18.71	34.72	5.46	.15
89/03/18	01:50	03/18	11:53	42-33.0S	150-51.5	4349	16.8	-3.0	11.7	11.27	18.71	34.79	5.41	.15
89/03/18	01:55	03/18	11:58	42-32.0S	150-51.7	4354	16.9	-3.0	11.9	11.27	18.62	34.76	5.42	.15
89/03/18	02:00	03/18	12:03	42-31.1S	150-51.8	4388	17.0	-3.0	11.9	11.27	18.54	34.74	5.38	.15
89/03/18	02:05	03/18	12:08	42-29.9S	150-52.0	4389	17.1	-3.0	11.7	11.27	18.54	34.74	5.38	.15
89/03/18	02:10	03/18	12:13	42-28.9S	150-52.1	4395	17.1	-3.0	11.0	11.27	18.54	34.74	5.34	.14
89/03/18	02:15	03/18	12:18	42-27.8S	150-52.3	4399	17.1	-3.0	11.9	11.19	18.54	34.74	5.33	.14
89/03/18	02:20	03/18	12:23	42-26.9S	150-52.4	4407	17.1	-3.0	12.0	11.19	18.54	34.74	5.36	.14
89/03/18	02:25	03/18	12:28	42-25.9S	150-52.6	4421	17.2	-3.0	11.8	11.19	18.62	34.76	5.39	.14
89/03/18	02:30	03/18	12:33	42-24.8S	150-52.7	4425	17.3	-3.0	11.7	11.19	18.79	34.81	5.40	.14
89/03/18	02:35	03/18	12:38	42-23.9S	150-52.9	4433	17.3	-3.0	11.8	11.19	18.96	34.79	5.38	.14
89/03/18	02:40	03/18	12:43	42-22.9S	150-53.1	4447	17.4	-3.0	11.9	11.19	19.04	34.82	5.36	.15
89/03/18	02:45	03/18	12:48	42-21.9S	150-53.3	4460	17.4	-3.0	11.8	11.19	19.04	34.82	5.36	.14
89/03/18	02:50	03/18	12:53	42-20.9S	150-53.4	4462	17.4	-3.0	11.9	11.19	19.04	34.82	5.32	.14
89/03/18	02:55	03/18	12:58	42-19.9S	150-53.6	4470	17.6	-3.0	11.7	11.19	19.04	34.82	5.31	.14
89/03/18	03:00	03/18	13:03	42-18.9S	150-53.8	4478	17.6	-3.0	11.7	11.19	19.04	34.82	5.28	.14
89/03/18	03:05	03/18	13:08	42-17.7S	150-53.8	4505	17.7	-3.0	11.5	11.12	19.04	34.82	5.28	.14
89/03/18	03:10	03/18	13:13	42-16.7S	150-54.0	4492	17.8	-3.0	11.5	11.12	19.04	34.82	5.29	.14
89/03/18	03:15	03/18	13:18	42-16.7S	150-54.2	4497	17.9	-3.0	11.6	11.12	19.04	34.82	5.25	.14
89/03/18	03:20	03/18	13:23	42-14.7S	150-54.3	4506	18.0	-3.0	11.8	11.12	18.96	34.79	5.29	.14
89/03/18	03:25	03/18	13:28	42-13.7S	150-54.5	4521	18.0	-3.0	12.0	11.12	18.87	34.84	5.23	.14
89/03/18	03:30	03/18	13:33	42-12.7S	150-54.6	4549	18.1	-3.0	11.9	11.12	18.87	34.77	5.25	.14
89/03/18	03:35	03/18	13:38	42-11.7S	150-54.8	4552	18.1	-3.0	11.4	11.12	18.87	34.77	5.27	.14
89/03/18	03:40	03/18	13:43	42-10.7S	150-54.9	4528	18.1	-3.0	11.8	11.12	18.96	34.66	5.31	.14
89/03/18	03:45	03/18	13:48	42-09.7S	150-55.1	4545	18.1	-3.0	11.8	11.12	18.96	34.66	5.33	.14
89/03/18	03:50	03/18	13:53	42-08.6S	150-53.8	4560	18.1	-3.0	11.5	11.12	19.04	34.69	5.32	.14
89/03/18	03:55	03/18	13:58	42-07.6S	150-53.9	4553	18.2	-3.0	11.7	11.04	19.21	34.74	5.31	.14
89/03/18	04:00	03/18	14:03	42-06.5S	150-54.0	4554	18.2	-3.0	12.0	11.04	19.38	34.72	5.28	.14
89/03/18	04:05	03/18	14:08	42-05.5S	150-54.1	4563	18.2	-3.0	11.4	11.04	19.30	34.76	5.30	.14
89/03/18	04:10	03/18	14:13	42-04.6S	150-54.2	4586	18.3	-3.0	11.2	11.04	19.21	34.67	5.29	.14
89/03/18	04:15	03/18	14:18	42-03.6S	150-54.3	4584	18.3	-3.0	10.8	11.04	18.96	34.60	5.23	.14
89/03/18	04:20	03/18	14:23	42-02.6S	150-54.4	4569	18.3	-3.0	11.3	11.04	18.54	34.67	5.13	.14
89/03/18	04:25	03/18	14:28	42-01.6S	150-54.5	4592	18.5	-3.0	11.7	11.04	19.21	34.74	5.27	.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]
89/03/18	04:30	03/18	14:33	42-00.5S	150-54.6	4580	18.5	-3.0	11.9	11.04	19.38	34.78	5.26	.14
89/03/18	04:35	03/18	14:38	41-59.5S	150-54.4	4590	18.5	-3.0	11.7	11.04	19.65	34.79	5.17	.14
89/03/18	04:40	03/18	14:43	41-58.4S	150-54.5	4594	18.4	-3.0	11.8	11.04	19.90	34.79	5.20	.14
89/03/18	04:45	03/18	14:48	41-57.4S	150-54.6	4468	18.4	-3.0	11.7	11.04	19.98	34.82	5.17	.14
89/03/18	04:50	03/18	14:53	41-56.5S	150-54.7	4601	18.4	-3.0	11.3	10.97	19.98	34.82	5.11	.14
89/03/18	04:55	03/18	14:58	41-55.4S	150-54.8	4595	18.5	-3.0	12.0	11.42	19.98	34.82	5.17	.14
89/03/18	05:00	03/18	15:03	41-54.6S	150-54.8	4605	18.7	-3.0	11.9	11.42	19.98	34.82	5.19	.14
89/03/18	05:05	03/18	15:08	41-53.3S	150-55.0	4594	18.7	-3.0	11.9	11.42	19.90	34.86	5.13	.13
89/03/18	05:10	03/18	15:13	41-52.3S	150-55.0	4597	18.8	-3.0	11.4	11.42	19.82	34.77	5.12	.14
89/03/18	05:15	03/18	15:18	41-51.5S	150-54.9	4597	18.8	-3.0	11.6	11.42	19.73	34.81	5.13	.14
89/03/18	05:20	03/18	15:23	41-50.5S	150-55.0	4645	18.8	-3.0	11.9	11.42	19.73	34.81	5.09	.14
89/03/18	05:25	03/18	15:28	41-49.5S	150-55.1	4616	18.8	-3.0	11.8	11.42	19.47	34.81	5.11	.14
89/03/18	05:30	03/18	15:33	41-48.5S	150-55.1	4635	18.8	-3.0	11.8	11.42	19.30	34.76	5.03	.14
89/03/18	05:35	03/18	15:38	41-47.5S	150-55.2	4644	18.8	-3.0	11.9	11.42	19.21	34.80	5.07	.14
89/03/18	05:40	03/18	15:43	41-46.6S	150-54.8	4638	18.8	-3.0	11.9	11.50	19.21	34.80	5.01	.14
89/03/18	05:45	03/18	15:48	41-45.6S	150-54.8	4636	18.8	-3.0	11.8	11.50	19.21	34.80	5.06	.14
89/03/18	05:50	03/18	15:53	41-44.5S	150-54.9	4637	18.8	-3.0	11.4	11.42	19.21	34.80	5.10	.13
89/03/18	05:55	03/18	15:58	41-43.6S	150-55.1	4639	18.8	-3.0	11.9	11.42	19.13	34.77	5.08	.13
89/03/18	06:00	03/18	16:03	41-42.5S	150-55.2	4644	18.8	-3.0	11.7	11.42	19.13	34.77	5.06	.13
89/03/18	06:05	03/18	16:08	41-41.5S	150-55.4	4643	18.8	-3.0	11.8	11.42	19.04	34.76	5.11	.13
89/03/18	06:10	03/18	16:13	41-40.5S	150-55.5	4642	18.9	-3.0	11.9	11.42	18.96	34.73	5.08	.13
89/03/18	06:15	03/18	16:18	41-39.5S	150-55.7	4638	18.9	-3.0	11.9	11.50	18.96	34.73	5.12	.13
89/03/18	06:20	03/18	16:23	41-38.7S	150-55.5	4646	18.9	-3.0	12.1	11.50	19.04	34.76	5.17	.13
89/03/18	06:25	03/18	16:28	41-37.7S	150-55.6	4645	19.0	-3.0	12.2	11.50	19.55	34.76	5.26	.13
89/03/18	06:30	03/18	16:33	41-36.7S	150-55.7	4631	19.0	-3.0	12.1	11.50	19.82	34.77	5.30	.13
89/03/18	06:35	03/18	16:38	41-35.7S	150-55.9	4627	19.0	-3.0	12.0	11.50	19.30	34.73	5.30	.13
89/03/18	06:40	03/18	16:43	41-34.7S	150-56.0	4652	19.1	-3.0	12.1	11.50	19.90	34.79	5.30	.13
89/03/18	06:45	03/18	16:48	41-33.7S	150-56.2	4625	19.1	-3.0	11.6	11.50	19.98	34.82	5.24	.13
89/03/18	06:50	03/18	16:53	41-32.6S	150-56.3	4633	19.1	-3.0	12.1	11.50	20.07	34.77	5.29	.13
89/03/18	06:55	03/18	16:58	41-31.7S	150-56.4	4606	18.9	-3.0	12.0	11.50	19.98	34.75	5.28	.13
89/03/18	07:00	03/18	17:03	41-30.7S	150-56.6	4632	18.9	-3.0	11.7	11.50	19.65	34.72	5.28	.13
89/03/18	07:05	03/18	17:08	41-29.6S	150-56.7	4626	18.9	-3.0	11.9	11.50	19.38	34.65	5.20	.13
89/03/18	07:10	03/18	17:13	41-28.6S	150-56.8	4625	18.9	-3.0	12.1	11.50	19.30	34.63	5.22	.14
89/03/18	07:15	03/18	17:18	41-27.7S	150-56.9	4625	18.9	-3.0	11.8	11.50	19.38	34.65	5.24	.14
89/03/18	07:20	03/18	17:23	41-26.6S	150-57.1	4629	18.9	-3.0	12.0	11.50	19.55	34.70	5.26	.14
89/03/18	07:25	03/18	17:28	41-25.6S	150-57.2	4634	18.9	-3.0	12.2	11.50	19.55	34.70	5.32	.14
89/03/18	07:30	03/18	17:33	41-24.6S	150-57.4	4627	18.9	-3.0	12.0	11.50	19.47	34.67	5.31	.14
89/03/18	07:35	03/18	17:38	41-23.6S	150-57.5	4635	18.9	-3.0	11.9	11.50	19.38	34.65	5.33	.14
89/03/18	07:40	03/18	17:43	41-22.6S	150-57.7	4632	19.0	-3.0	11.7	11.57	19.30	34.63	5.31	.14
89/03/18	07:45	03/18	17:48	41-21.6S	150-57.8	4638	19.1	-3.0	11.8	11.57	19.21	34.67	5.32	.14
89/03/18	07:50	03/18	17:53	41-20.6S	150-57.9	4636	19.1	-3.0	12.1	11.57	19.04	34.69	5.31	.14
89/03/18	07:55	03/18	17:58	41-19.6S	150-58.1	4642	19.1	-3.0	12.0	11.57	18.96	34.66	5.30	.14
89/03/18	08:00	03/18	18:03	41-18.6S	150-58.2	4642	19.1	-3.0	11.7	11.57	18.96	34.66	5.27	.14
89/03/18	08:05	03/18	18:08	41-17.6S	150-58.3	4653	19.0	-3.0	11.8	11.57	18.87	34.70	5.28	.14
89/03/18	08:10	03/18	18:13	41-16.6S	150-58.5	4646	19.0	-3.0	11.9	11.57	18.96	34.73	5.27	.14
89/03/18	08:15	03/18	18:18	41-15.6S	150-58.6	4646	18.9	-3.0	12.0	11.57	18.96	34.73	5.29	.14
89/03/18	08:20	03/18	18:23	41-14.6S	150-58.7	4647	18.9	-3.0	11.9	11.57	18.96	34.73	5.22	.14
89/03/18	08:25	03/18	18:28	41-13.2S	150-59.3	4657	18.9	-3.0	11.8	11.57	18.96	34.73	5.28	.14
89/03/18	08:30	03/18	18:33	41-12.2S	150-59.4	4651	18.9	-3.0	11.8	11.57	18.96	34.66	5.26	.14
89/03/18	08:35	03/18	18:38	41-11.2S	150-59.6	4647	18.9	-3.0	11.7	11.57	18.79	34.68	5.28	.14
89/03/18	08:40	03/18	18:43	41-10.1S	150-59.7	4682	18.9	-3.0	11.8	11.57	18.79	34.68	5.24	.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]
89/03/18	08:45	03/18	18:48	41-09.2S	150-59.8	4643	18.9	-3.0	11.9	11.50	18.79	34.68	5.22	.14
89/03/18	08:50	03/18	18:54	41-08.3S	151-00.4	4644	18.9	-3.0	11.8	11.57	18.87	34.70	5.25	.14
89/03/18	08:55	03/18	18:59	41-07.3S	151-00.5	4645	18.9	-3.0	11.8	11.57	18.96	34.66	5.27	.14
89/03/18	09:00	03/18	19:04	41-06.2S	151-00.7	4650	18.9	-3.0	11.7	11.57	18.96	34.66	5.27	.14
89/03/18	09:05	03/18	19:09	41-05.2S	151-00.8	4645	18.9	-3.0	12.0	11.57	18.87	34.70	5.28	.14
89/03/18	09:10	03/18	19:14	41-04.2S	151-01.0	4644	18.9	-3.0	11.7	11.57	18.87	34.70	5.25	.14
89/03/18	09:15	03/18	19:19	41-03.2S	151-01.2	4651	18.9	-3.0	11.4	11.57	18.87	34.64	5.26	.14
89/03/18	09:20	03/18	19:24	41-02.2S	151-01.3	4656	19.0	-3.0	11.9	11.57	18.79	34.68	5.29	.14
89/03/18	09:25	03/18	19:29	41-01.1S	151-01.5	4658	19.2	-3.0	12.1	11.57	18.79	34.62	5.29	.14
89/03/18	09:30	03/18	19:34	41-00.2S	151-01.7	4665	19.3	-3.0	11.9	11.57	18.71	34.65	5.27	.14
89/03/18	09:35	03/18	19:39	40-58.6S	151-02.3	4661	19.3	-3.0	11.7	11.57	18.71	34.59	5.29	.14
89/03/18	09:40	03/18	19:44	40-57.5S	151-02.5	4667	19.3	-3.0	11.9	11.57	18.62	34.63	5.27	.14
89/03/18	09:45	03/18	19:49	40-56.5S	151-02.7	4665	19.3	-3.0	11.9	11.57	18.62	34.57	5.30	.14
89/03/18	09:50	03/18	19:54	40-55.5S	151-02.9	4671	19.3	-3.0	11.8	11.57	18.62	34.57	5.30	.14
89/03/18	09:55	03/18	19:59	40-54.4S	151-03.1	4666	19.3	-3.0	11.5	11.57	18.62	34.57	5.32	.14
89/03/18	10:00	03/18	20:04	40-53.6S	151-03.9	4670	19.4	-3.0	11.9	11.57	18.62	34.63	5.29	.14
89/03/18	10:05	03/18	20:09	40-52.6S	151-04.1	4665	19.4	-3.0	12.0	11.57	18.71	34.65	5.36	.14
89/03/18	10:10	03/18	20:14	40-51.5S	151-04.3	4664	19.4	-3.0	12.0	11.57	18.79	34.68	5.36	.14
89/03/18	10:15	03/18	20:19	40-50.3S	151-04.6	4665	19.4	-3.0	11.9	11.57	18.79	34.68	5.37	.14
89/03/18	10:20	03/18	20:24	40-49.3S	151-04.8	4663	19.4	-3.0	12.0	11.57	18.87	34.64	5.35	.14
89/03/18	10:25	03/18	20:29	40-48.4S	151-05.0	4658	19.4	-3.0	10.3	11.57	18.87	34.70	5.32	.14
89/03/18	10:30	03/18	20:34	40-47.5S	151-05.2	4667	19.4	-3.0	10.5	11.57	18.87	34.70	5.33	.14
89/03/18	10:35	03/18	20:39	40-46.5S	151-05.3	4661	19.5	-3.0	10.5	11.57	18.96	34.73	5.31	.14
89/03/18	10:40	03/18	20:44	40-45.6S	151-05.6	4663	19.5	-3.0	10.6	11.57	19.13	34.71	5.39	.14
89/03/18	10:45	03/18	20:49	40-44.7S	151-05.8	4661	19.5	-3.0	10.4	11.57	19.04	34.69	5.34	.14
89/03/18	10:50	03/18	20:54	40-43.8S	151-05.9	4660	19.4	-3.0	10.5	11.57	18.96	34.73	5.36	.14
89/03/18	10:55	03/18	20:59	40-42.9S	151-06.1	4662	19.1	-3.0	10.4	11.57	19.13	34.71	5.34	.14
89/03/18	11:00	03/18	21:04	40-42.1S	151-06.2	4657	19.1	-3.0	10.6	11.57	19.21	34.80	5.34	.14
89/03/18	11:05	03/18	21:09	40-41.0S	151-06.5	4660	19.0	-3.0	10.5	11.57	19.21	34.80	5.31	.14
89/03/18	11:10	03/18	21:14	40-40.3S	151-06.7	4656	19.2	-3.0	10.2	11.57	19.21	34.74	5.32	.14
89/03/18	11:15	03/18	21:19	40-39.2S	151-06.9	4657	19.2	-3.0	10.6	11.57	19.13	34.77	5.37	.14
89/03/18	11:20	03/18	21:24	40-38.5S	151-07.0	4441	19.2	-3.0	10.3	11.57	19.13	34.77	5.34	.14
89/03/18	11:25	03/18	21:29	40-37.2S	151-07.1	4658	19.2	-3.0	10.5	11.57	19.13	34.71	5.25	.14
89/03/18	11:30	03/18	21:34	40-36.3S	151-07.3	4659	19.3	-3.0	10.3	11.57	19.13	34.71	5.36	.14
89/03/18	11:35	03/18	21:39	40-35.3S	151-07.5	4659	19.3	-3.0	10.6	11.57	19.04	34.76	5.32	.14
89/03/18	11:40	03/18	21:44	40-34.4S	151-07.7	4658	19.3	-3.0	10.6	11.57	19.13	34.71	5.35	.14
89/03/18	11:45	03/18	21:49	40-33.5S	151-07.9	4654	19.3	-3.0	10.6	11.57	19.13	34.71	5.38	.14
89/03/18	11:50	03/18	21:54	40-32.8S	151-08.1	4615	19.3	-3.0	10.6	11.65	18.96	34.73	5.36	.14
89/03/18	11:55	03/18	21:59	40-31.8S	151-08.3	4654	19.3	-3.0	10.3	11.65	18.96	34.73	5.35	.14
89/03/18	12:00	03/18	22:04	40-31.0S	151-08.5	4654	19.3	-3.0	10.6	11.65	19.04	34.76	5.36	.14
89/03/18	12:05	03/18	22:09	40-30.1S	151-08.6	4661	19.3	-3.0	10.5	11.65	19.04	34.69	5.34	.14
89/03/18	12:10	03/18	22:14	40-29.0S	151-08.9	4274	19.3	-3.0	10.4	11.65	19.04	34.76	5.34	.14
89/03/18	12:15	03/18	22:19	40-28.1S	151-09.1	4662	19.4	-3.0	10.4	11.57	19.13	34.71	5.38	.14
89/03/18	12:20	03/18	22:24	40-27.4S	151-09.2	4672	19.4	-3.0	10.4	11.57	19.13	34.71	5.36	.14
89/03/18	12:25	03/18	22:29	40-26.4S	151-09.4	4663	19.4	-3.0	10.6	11.57	19.04	34.76	5.37	.14
89/03/18	12:30	03/18	22:34	40-25.5S	151-09.6	4664	19.4	-3.0	10.4	11.65	19.04	34.69	5.37	.14
89/03/18	12:35	03/18	22:39	40-24.5S	151-09.8	4666	19.5	-3.0	10.6	11.19	19.04	34.69	5.37	.14
89/03/18	12:40	03/18	22:44	40-23.6S	151-10.0	4669	19.6	-3.0	10.5	11.19	18.96	34.73	5.34	.14
89/03/18	12:45	03/18	22:49	40-22.7S	151-10.2	4672	19.6	-3.0	10.3	11.19	18.96	34.73	5.33	.14
89/03/18	12:50	03/18	22:54	40-21.7S	151-10.4	4664	19.7	-3.0	9.9	11.19	18.96	34.73	5.41	.14
89/03/18	12:55	03/18	22:59	40-20.8S	151-10.6	4666	19.7	-3.0	10.4	11.19	19.04	34.69	5.35	.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]
89/03/18	13:00	03/18	23:04	40-19.6S	151-10.8	4668	19.6	-3.0	10.4	11.19	19.04	34.69	5.38	.14
89/03/18	13:05	03/18	23:09	40-18.7S	151-10.9	4667	19.7	-3.0	10.3	11.19	18.96	34.73	5.36	.14
89/03/18	13:10	03/18	23:14	40-17.6S	151-11.0	3762	19.8	-3.0	10.3	11.19	18.96	34.73	5.38	.14
89/03/18	13:15	03/18	23:19	40-18.9S	151-11.2	4670	19.9	-3.0	10.5	11.19	19.21	34.74	5.40	.14
89/03/18	13:20	03/18	23:24	40-15.7S	151-11.5	4665	19.9	-3.0	10.6	11.19	19.38	34.78	5.40	.14
89/03/18	13:25	03/18	23:29	40-15.2S	151-11.6	4669	19.9	-3.0	10.4	11.19	19.47	34.81	5.38	.14
89/03/18	13:30	03/18	23:34	40-14.3S	151-11.8	4665	19.9	-3.0	10.5	11.19	19.55	34.70	5.49	.14
89/03/18	13:35	03/18	23:39	40-13.4S	151-11.9	4662	20.0	-3.0	10.4	11.19	19.21	34.74	5.35	.14
89/03/18	13:40	03/18	23:44	40-12.4S	151-12.2	4665	20.1	-3.0	10.4	11.27	19.30	34.76	5.37	.13
89/03/18	13:45	03/18	23:49	40-11.6S	151-12.4	4668	20.3	-3.0	10.5	11.27	19.13	34.77	5.39	.13
89/03/18	13:50	03/18	23:54	40-10.6S	151-12.5	4663	20.3	-3.0	10.5	11.27	19.13	34.77	5.32	.13
89/03/18	13:55	03/18	23:59	40-09.7S	151-12.7	4665	20.4	-3.0	10.4	11.19	19.73	34.81	5.39	.13
89/03/18	14:00	03/19	00:04	40-08.6S	151-13.0	4672	20.4	-3.0	10.5	11.27	19.90	34.79	5.37	.13
89/03/18	14:05	03/19	00:09	40-07.6S	151-13.1	4664	20.5	-3.0	10.5	11.27	20.07	34.84	5.43	.13
89/03/18	14:10	03/19	00:14	40-06.7S	151-13.3	4665	20.6	-3.0	10.3	11.19	20.32	34.84	5.38	.13
89/03/18	14:15	03/19	00:19	40-05.9S	151-13.4	4664	20.6	-3.0	10.5	11.19	21.17	34.82	5.52	.13
89/03/18	14:20	03/19	00:24	40-05.0S	151-13.6	4662	20.6	-3.0	10.3	11.19	21.59	34.86	5.62	.13
89/03/18	14:25	03/19	00:29	40-04.1S	151-13.8	4661	20.6	-3.0	10.5	11.19	21.76	34.84	5.55	.13
89/03/18	14:30	03/19	00:34	40-03.2S	151-14.0	4672	20.6	-3.0	10.3	11.19	21.85	34.93	5.53	.13
89/03/18	14:35	03/19	00:39	40-02.2S	151-14.2	4661	20.6	-3.0	10.5	11.19	21.94	34.89	5.48	.13
89/03/18	14:40	03/19	00:44	40-01.3S	151-14.4	4665	20.6	-3.0	10.5	11.19	21.94	34.89	5.42	.13
89/03/18	14:45	03/19	00:49	40-00.4S	151-14.6	4663	20.6	-3.0	10.5	11.19	21.94	34.89	5.39	.13
89/03/18	14:50	03/19	00:54	39-59.6S	151-14.8	4661	20.6	-3.0	10.3	11.19	21.94	34.89	5.38	.13
89/03/18	14:55	03/19	00:59	39-58.6S	151-14.9	4667	20.7	-3.0	10.5	11.19	22.03	34.85	5.37	.13
89/03/18	15:00	03/19	01:05	39-57.6S	151-15.1	4675	20.6	-3.0	10.6	11.27	22.03	34.91	5.32	.13
89/03/18	15:05	03/19	01:10	39-56.7S	151-15.3	3877	20.6	-3.0	10.5	11.19	22.03	34.91	5.39	.13
89/03/18	15:10	03/19	01:15	39-56.9S	151-18.4	4656	20.6	-3.0	10.4	11.19	22.03	34.85	5.32	.13
89/03/18	15:15	03/19	01:20	39-56.0S	151-18.7	4669	20.7	-3.0	10.4	11.19	22.11	34.87	5.30	.13
89/03/18	15:20	03/19	01:25	39-55.1S	151-19.0	4660	20.7	-3.0	10.5	11.19	22.11	34.87	5.32	.13
89/03/18	15:25	03/19	01:30	39-54.2S	151-19.3	4667	20.7	-3.0	10.5	11.19	22.11	34.87	5.37	.13
89/03/18	15:30	03/19	01:35	39-53.3S	151-19.6	4536	20.7	-3.0	10.5	11.19	21.85	34.93	5.25	.13
89/03/18	15:35	03/19	01:40	39-52.3S	151-20.0	4658	20.7	-3.0	10.5	11.27	21.85	34.93	5.21	.13
89/03/18	15:40	03/19	01:45	39-51.6S	151-20.2	4656	20.7	-3.0	10.6	11.27	21.94	34.89	5.23	.13
89/03/18	15:45	03/19	01:50	39-50.7S	151-20.5	4465	20.7	-3.0	10.4	11.27	21.94	34.89	5.24	.13
89/03/18	15:50	03/19	01:55	39-49.6S	151-20.8	4658	20.7	-3.0	10.6	11.19	21.94	34.89	5.25	.13
89/03/18	15:55	03/19	02:00	39-49.0S	151-21.1	4430	20.8	-3.0	10.6	11.27	21.94	34.89	5.27	.13
89/03/18	16:00	03/19	02:05	39-48.1S	151-21.4	4657	20.8	-3.0	10.5	11.19	21.94	34.89	5.23	.13
89/03/18	16:05	03/19	02:10	39-47.0S	151-21.7	4677	20.8	-3.0	10.3	11.19	21.94	34.83	5.23	.13
89/03/18	16:10	03/19	02:15	39-46.3S	151-22.0	4661	20.8	-3.0	10.5	11.19	21.94	34.89	5.24	.13
89/03/18	16:15	03/19	02:20	39-45.4S	151-22.2	4658	20.8	-3.0	10.4	11.19	21.94	34.89	5.24	.13
89/03/18	16:20	03/19	02:25	39-44.5S	151-22.5	4660	20.8	-3.0	10.5	11.19	21.94	34.89	5.18	.13
89/03/18	16:25	03/19	02:30	39-43.6S	151-22.7	4655	20.8	-3.0	10.6	11.19	21.94	34.89	5.24	.13
89/03/18	16:30	03/19	02:35	39-42.7S	151-23.0	4480	20.8	-3.0	10.5	11.19	21.94	34.89	5.23	.13
89/03/18	16:35	03/19	02:40	39-41.6S	151-23.3	4676	20.8	-3.0	10.5	11.27	22.03	34.85	5.22	.13
89/03/18	16:40	03/19	02:45	39-41.0S	151-21.5	4655	20.8	-3.0	10.5	11.27	22.03	34.85	5.26	.13
89/03/18	16:45	03/19	02:50	39-40.1S	151-21.7	4654	20.8	-3.0	10.4	11.27	21.94	34.89	5.23	.13
89/03/18	16:50	03/19	02:55	39-39.2S	151-21.8	4653	20.8	-3.0	10.5	11.27	21.94	34.89	5.19	.13
89/03/18	16:55	03/19	03:00	39-38.3S	151-22.0	4653	20.8	-3.0	10.6	11.27	21.94	34.83	5.24	.13
89/03/18	17:00	03/19	03:05	39-37.4S	151-22.2	4652	20.8	-3.0	10.5	11.27	21.94	34.89	5.21	.13
89/03/18	17:05	03/19	03:10	39-36.6S	151-22.4	4653	20.8	-3.0	10.5	11.19	21.94	34.89	5.21	.13
89/03/18	17:10	03/19	03:15	39-35.7S	151-22.6	4652	20.8	-3.0	11.9	11.19	22.03	34.85	5.21	.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]
89/03/18	17:15	03/19	03:20	39-34.7S	151-22.8	4668	20.8	-3.0	11.7	11.19	22.03	34.85	5.19	.13
89/03/18	17:20	03/19	03:25	39-33.7S	151-23.0	4652	20.8	-3.0	11.7	11.19	21.94	34.89	5.24	.13
89/03/18	17:25	03/19	03:30	39-32.7S	151-23.2	4651	20.8	-3.0	11.9	11.19	21.94	34.83	5.26	.13
89/03/18	17:30	03/19	03:35	39-32.0S	151-22.4	4678	20.9	-3.0	11.8	11.19	21.85	34.87	5.24	.13
89/03/18	17:35	03/19	03:40	39-31.1S	151-22.6	4659	20.8	-3.0	11.8	11.19	21.85	34.87	5.21	.13
89/03/18	17:40	03/19	03:45	39-30.1S	151-22.7	4655	20.8	-3.0	11.8	11.19	21.85	34.87	5.17	.13
89/03/18	17:45	03/19	03:50	39-29.1S	151-22.9	4649	20.8	-3.0	11.8	11.19	21.85	34.87	5.18	.13
89/03/18	17:50	03/19	03:55	39-28.1S	151-23.0	4650	20.2	-3.0	11.8	11.19	21.85	34.81	5.15	.13
89/03/18	17:55	03/19	04:00	39-27.5S	151-22.7	4649	19.7	-3.0	11.7	11.19	21.85	34.81	5.21	.13
89/03/18	18:00	03/19	04:05	39-26.5S	151-22.8	4647	19.6	-3.0	11.9	11.19	21.94	34.83	5.14	.13
89/03/18	18:05	03/19	04:10	39-25.6S	151-23.0	4649	19.6	-3.0	11.8	11.19	22.03	34.85	5.17	.13
89/03/18	18:10	03/19	04:15	39-24.6S	151-23.1	4650	19.6	-3.0	11.7	11.27	22.03	34.85	5.26	.13
89/03/18	18:15	03/19	04:20	39-23.6S	151-23.2	4653	19.6	-3.0	12.1	11.27	22.03	34.85	5.18	.13
89/03/18	18:20	03/19	04:25	39-22.6S	151-23.3	4643	19.6	-3.0	12.0	11.27	22.19	34.89	5.23	.13
89/03/18	18:25	03/19	04:30	39-21.7S	151-23.5	4649	19.0	-3.0	11.9	11.27	22.36	34.88	5.30	.13
89/03/18	18:30	03/19	04:35	39-20.6S	151-23.0	4650	20.0	-3.0	11.9	11.27	22.36	34.88	5.25	.13
89/03/18	18:35	03/19	04:40	39-19.6S	151-23.1	4646	20.3	-3.0	11.9	11.27	22.36	34.88	5.24	.13
89/03/18	18:40	03/19	04:45	39-18.6S	151-23.2	4644	20.4	-3.0	11.9	11.27	22.36	34.81	5.26	.13
89/03/18	18:45	03/19	04:50	39-17.6S	151-23.4	4644	20.5	-3.0	11.9	11.27	22.28	34.85	5.27	.13
89/03/18	18:50	03/19	04:55	39-16.7S	151-23.6	4644	20.5	-3.0	11.8	11.27	22.28	34.85	5.22	.13
89/03/18	18:55	03/19	05:00	39-15.7S	151-23.7	4641	20.6	-3.0	11.9	11.27	22.28	34.85	5.22	.13
89/03/18	19:00	03/19	05:05	39-14.7S	151-23.8	4644	20.6	-3.0	11.7	11.27	22.28	34.85	5.26	.13
89/03/18	19:05	03/19	05:10	39-13.7S	151-24.0	4643	20.6	-3.0	11.9	11.27	22.28	34.79	5.23	.13
89/03/18	19:10	03/19	05:15	39-12.8S	151-24.1	4643	20.6	-3.0	12.0	11.27	22.19	34.77	5.20	.13
89/03/18	19:15	03/19	05:20	39-11.8S	151-24.2	4642	20.6	-3.0	11.3	11.27	22.03	34.79	5.23	.13
89/03/18	19:20	03/19	05:25	39-11.2S	151-23.6	4642	20.7	-3.0	12.1	11.27	21.88	34.76	5.21	.13
89/03/18	19:25	03/19	05:30	39-10.3S	151-23.6	4642	20.7	-3.0	11.7	11.12	21.08	34.79	5.09	.13
89/03/18	19:30	03/19	05:35	39-09.3S	151-23.7	4641	20.7	-3.0	11.8	11.12	20.83	34.79	5.07	.13
89/03/18	19:35	03/19	05:40	39-08.3S	151-23.8	4640	20.7	-3.0	11.8	11.12	20.49	34.76	5.06	.13
89/03/18	19:40	03/19	05:45	39-07.4S	151-23.9	4644	20.8	-3.0	11.9	11.12	20.32	34.78	5.03	.13
89/03/18	19:45	03/19	05:50	39-06.4S	151-24.0	4642	20.8	-3.0	11.9	11.12	20.24	34.82	5.07	.13
89/03/18	19:50	03/19	05:55	39-05.5S	151-24.1	4643	20.7	-3.0	11.6	11.12	20.24	34.76	5.15	.13
89/03/18	19:55	03/19	06:00	39-04.5S	151-24.1	4643	20.7	-3.0	11.7	11.12	20.24	34.76	5.15	.13
89/03/18	20:00	03/19	06:05	39-03.5S	151-24.2	4649	20.7	-3.0	11.5	11.12	20.24	34.76	5.17	.13
89/03/18	20:05	03/19	06:10	39-02.6S	151-24.3	4641	20.8	-3.0	11.7	11.12	20.24	34.76	5.26	.13
89/03/18	20:10	03/19	06:15	39-01.6S	151-24.4	4640	20.8	-3.0	11.7	11.12	20.32	34.78	5.28	.13
89/03/18	20:15	03/19	06:20	39-00.7S	151-24.4	4639	20.9	-3.0	11.6	11.12	20.41	34.74	5.25	.13
89/03/18	20:20	03/19	06:25	38-59.7S	151-24.5	4637	20.9	-3.0	11.8	11.12	20.49	34.76	5.26	.13
89/03/18	20:25	03/19	06:30	38-58.7S	151-24.6	4641	20.9	-3.0	11.8	11.12	20.49	34.76	5.36	.13
89/03/18	20:30	03/19	06:35	38-57.8S	151-24.7	4640	20.9	-3.0	12.0	11.12	20.58	34.72	5.30	.14
89/03/18	20:35	03/19	06:40	38-56.8S	151-24.8	4641	21.0	-3.0	11.7	11.12	20.49	34.83	5.24	.14
89/03/18	20:40	03/19	06:45	38-55.9S	151-25.4	4640	21.1	-3.0	11.9	11.12	20.41	34.81	5.29	.14
89/03/18	20:45	03/19	06:50	38-54.9S	151-25.5	4638	21.1	-3.0	11.6	11.04	20.32	34.78	5.22	.14
89/03/18	20:50	03/19	06:55	38-53.9S	151-25.6	4640	21.1	-3.0	11.8	11.12	20.15	34.80	5.22	.14
89/03/18	20:55	03/19	07:00	38-53.0S	151-25.7	4642	21.1	-3.0	11.5	11.12	20.15	34.74	5.22	.14
89/03/18	21:00	03/19	07:05	38-52.1S	151-25.8	4642	21.2	-3.0	11.6	11.12	20.15	34.74	5.22	.14
89/03/18	21:05	03/19	07:10	38-51.1S	151-25.9	4639	21.2	-3.0	11.6	11.12	20.07	34.77	5.27	.14
89/03/18	21:10	03/19	07:15	38-50.2S	151-26.0	4640	21.4	-3.0	11.5	11.12	20.15	34.80	5.31	.14
89/03/18	21:15	03/19	07:20	38-49.3S	151-26.1	4639	21.5	-3.0	11.4	11.12	20.15	34.80	5.30	.14
89/03/18	21:20	03/19	07:25	38-48.3S	151-26.2	4640	21.5	-3.0	14.0	11.12	20.83	34.72	5.35	.13
89/03/18	21:25	03/19	07:30	38-47.4S	151-26.3	4639	21.6	-3.0	11.7	11.12	21.59	34.74	5.54	.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]
89/03/18	21:30	03/19	07:35	38-46.4S	151-26.3	4637	21.6	-3.0	11.7	11.12	22.11	34.81	5.44	.13
89/03/18	21:35	03/19	07:40	38-45.5S	151-26.5	4639	21.6	-3.0	11.8	11.12	22.45	34.83	5.49	.13
89/03/18	21:40	03/19	07:45	38-44.5S	151-26.5	4638	21.7	-3.0	11.8	11.12	22.62	34.82	5.47	.13
89/03/18	21:45	03/19	07:50	38-43.6S	151-26.6	4645	21.7	-3.0	11.6	11.04	22.70	34.84	5.41	.13
89/03/18	21:50	03/19	07:55	38-42.7S	151-26.7	4638	21.7	-3.0	11.7	11.04	22.79	34.80	5.42	.13
89/03/18	21:55	03/19	08:00	38-41.7S	151-26.8	4638	21.8	-3.0	11.8	11.04	22.79	34.86	5.33	.13
89/03/18	22:00	03/19	08:05	38-40.7S	151-26.9	4638	21.8	-3.0	11.8	10.97	22.79	34.80	5.29	.13
89/03/18	22:05	03/19	08:10	38-39.8S	151-27.0	4641	21.8	-3.0	11.7	10.97	22.70	34.84	5.26	.13
89/03/18	22:10	03/19	08:15	38-38.8S	151-27.1	4640	21.7	-3.0	11.8	10.97	22.62	34.88	5.19	.13
89/03/18	22:15	03/19	08:20	38-37.9S	151-27.2	4640	21.7	-3.0	11.8	10.97	22.70	34.84	5.25	.13
89/03/18	22:20	03/19	08:25	38-36.9S	151-27.3	4640	21.7	-3.0	11.8	10.97	22.70	34.84	5.18	.13
89/03/18	22:25	03/19	08:30	38-35.9S	151-27.4	4639	21.7	-3.0	11.9	10.97	22.70	34.84	5.26	.13
89/03/18	22:30	03/19	08:35	38-34.5S	151-34.3	4637	21.8	-3.0	11.9	10.97	22.70	34.84	5.29	.13
89/03/18	22:35	03/19	08:41	38-33.5S	151-34.6	4640	21.8	-3.0	11.9	10.97	22.70	34.90	5.31	.13
89/03/18	22:40	03/19	08:46	38-32.5S	151-35.0	4641	21.8	-3.0	11.7	10.97	22.79	34.80	5.32	.13
89/03/18	22:45	03/19	08:51	38-31.6S	151-35.3	4645	21.9	-3.0	11.9	11.04	22.70	34.84	5.38	.13
89/03/18	22:50	03/19	08:56	38-30.6S	151-35.6	4641	21.9	-3.0	11.9	11.04	22.70	34.84	5.35	.13
89/03/18	22:55	03/19	09:01	38-29.6S	151-35.8	4641	21.9	-3.0	11.9	10.97	22.70	34.84	5.30	.13
89/03/18	23:00	03/19	09:06	38-28.6S	151-36.1	4640	21.9	-3.0	11.9	10.97	22.70	34.84	5.33	.13
89/03/18	23:05	03/19	09:11	38-27.7S	151-36.4	4641	22.0	-3.0	11.8	10.97	22.70	34.84	5.38	.13
89/03/18	23:10	03/19	09:16	38-27.1S	151-36.3	4641	22.0	-3.0	11.7	10.97	22.70	34.84	5.33	.13
89/03/18	23:15	03/19	09:21	38-26.2S	151-36.5	4641	22.0	-3.0	11.7	11.04	22.62	34.88	5.37	.13
89/03/18	23:20	03/19	09:26	38-25.2S	151-36.7	4642	22.0	-3.0	11.7	10.97	22.62	34.82	5.34	.13
89/03/18	23:25	03/19	09:31	38-24.2S	151-36.9	4641	22.1	-3.0	11.8	10.97	22.62	34.88	5.35	.13
89/03/18	23:30	03/19	09:36	38-23.3S	151-37.1	4641	22.1	-3.0	11.8	10.97	22.62	34.88	5.32	.13
89/03/18	23:35	03/19	09:41	38-22.3S	151-37.3	4641	22.2	-3.0	11.8	11.04	22.62	34.88	5.33	.13
89/03/18	23:40	03/19	09:46	38-21.4S	151-37.6	4641	22.2	-3.0	11.8	11.04	22.62	34.88	5.38	.13
89/03/18	23:45	03/19	09:51	38-20.4S	151-37.7	0	327.7	22.2	-3.0	11.04	22.62	34.88	5.34	.13
89/03/18	23:50	03/19	09:56	38-19.4S	151-37.9	0	327.7	22.2	-3.0	11.04	22.70	34.84	5.33	.13
89/03/18	23:55	03/19	10:01	38-18.4S	151-38.2	0	327.7	22.1	-3.0	11.04	22.70	34.84	5.32	.13
89/03/19	00:00	03/19	10:06	38-17.5S	151-38.3	0	327.7	22.1	-3.0	11.04	22.70	34.84	5.30	.13
89/03/19	00:05	03/19	10:11	38-16.5S	151-38.5	4648	22.1	-3.0	11.7	11.04	22.79	34.86	5.30	.13
89/03/19	00:10	03/19	10:16	38-15.5S	151-38.8	4647	22.1	-3.0	11.9	10.97	22.79	34.86	5.35	.13
89/03/19	00:15	03/19	10:21	38-14.6S	151-38.9	4650	22.1	-3.0	11.7	10.97	22.79	34.86	5.31	.13
89/03/19	00:20	03/19	10:26	38-13.6S	151-39.2	4648	22.1	-3.0	11.9	10.97	22.70	34.84	5.28	.13
89/03/19	00:25	03/19	10:31	38-12.7S	151-39.4	4652	22.1	-3.0	11.9	10.97	22.70	34.84	5.33	.13
89/03/19	00:30	03/19	10:36	38-11.7S	151-39.5	4650	22.1	-3.0	11.8	10.97	22.70	34.84	5.25	.13
89/03/19	00:35	03/19	10:41	38-10.7S	151-39.8	4650	22.1	-3.0	11.9	10.97	22.70	34.84	5.28	.13
89/03/19	00:40	03/19	10:46	38-09.8S	151-40.0	4650	22.1	-3.0	11.8	10.97	22.70	34.84	5.31	.13
89/03/19	00:45	03/19	10:51	38-08.8S	151-40.2	4650	21.2	-3.0	11.7	10.97	22.70	34.84	5.33	.13
89/03/19	00:50	03/19	10:56	38-07.9S	151-40.4	4653	20.8	-3.0	11.8	10.97	22.70	34.84	5.28	.13
89/03/19	00:55	03/19	11:01	38-07.7S	151-37.9	4653	20.9	-3.0	11.8	10.97	22.70	34.84	5.35	.13
89/03/19	01:00	03/19	11:06	38-06.8S	151-38.0	4652	21.2	-3.0	11.9	10.97	22.70	34.84	5.33	.13
89/03/19	01:05	03/19	11:11	38-05.9S	151-38.1	4651	21.3	-3.0	11.8	10.97	22.70	34.84	5.38	.13
89/03/19	01:10	03/19	11:16	38-04.9S	151-38.2	4654	21.4	-3.0	11.8	10.97	22.70	34.84	5.33	.13
89/03/19	01:15	03/19	11:21	38-04.0S	151-38.3	4656	21.3	-3.0	12.0	10.97	22.70	34.84	5.31	.13
89/03/19	01:20	03/19	11:26	38-03.1S	151-38.4	4655	21.5	-3.0	12.0	10.97	22.70	34.84	5.33	.13
89/03/19	01:25	03/19	11:31	38-02.2S	151-38.5	4658	21.7	-3.0	12.0	10.97	22.70	34.84	5.33	.13
89/03/19	01:30	03/19	11:36	38-01.2S	151-38.6	4657	21.7	-3.0	11.9	10.97	22.62	34.88	5.34	.13
89/03/19	01:35	03/19	11:41	38-00.2S	151-38.7	4657	21.8	-3.0	11.8	10.97	22.62	34.88	5.30	.13
89/03/19	01:40	03/19	11:46	37-59.3S	151-38.8	4661	21.8	-3.0	11.7	10.97	22.62	34.88	5.35	.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]
89/03/19	01:45	03/19	11:51	37-58.4S	151-39.9	4661	21.8	-3.0	12.0	10.97	22.62	34.88	5.31	.13
89/03/19	01:50	03/19	11:56	37-57.6S	151-39.0	4662	21.9	-3.0	11.8	10.97	22.62	34.88	5.26	.13
89/03/19	01:55	03/19	12:01	37-56.6S	151-39.1	4665	21.8	-3.0	11.6	10.97	22.62	34.88	5.32	.13
89/03/19	02:00	03/19	12:06	37-55.6S	151-39.2	4676	21.3	-3.0	11.7	10.97	22.62	34.88	5.33	.13
89/03/19	02:05	03/19	12:11	37-54.6S	151-39.4	4664	21.2	-3.0	11.7	10.97	22.62	34.88	5.33	.13
89/03/19	02:10	03/19	12:16	37-53.6S	151-39.4	4667	21.1	-3.0	11.6	10.89	22.70	34.84	5.35	.13
89/03/19	02:15	03/19	12:21	37-52.7S	151-39.5	4667	20.9	-3.0	11.7	10.89	22.70	34.84	5.34	.13
89/03/19	02:20	03/19	12:26	37-51.8S	151-39.7	4668	20.8	-3.0	11.6	10.89	22.70	34.84	5.34	.13
89/03/19	02:25	03/19	12:31	37-50.8S	151-39.7	4670	20.7	-3.0	11.8	10.89	22.70	34.84	5.34	.13
89/03/19	02:30	03/19	12:36	37-49.9S	151-39.8	4677	20.6	-3.0	11.8	10.89	22.70	34.84	5.33	.13
89/03/19	02:35	03/19	12:41	37-49.0S	151-40.0	4680	20.4	-3.0	11.8	10.89	22.62	34.88	5.36	.13
89/03/19	02:40	03/19	12:46	37-48.1S	151-40.0	4674	20.3	-3.0	11.8	10.97	22.62	34.88	5.36	.13
89/03/19	02:45	03/19	12:51	37-47.1S	151-40.1	4679	20.2	-3.0	11.9	10.89	22.62	34.88	5.27	.13
89/03/19	02:50	03/19	12:56	37-46.1S	151-40.3	4684	20.1	-3.0	11.9	10.97	22.62	34.88	5.35	.13
89/03/19	02:55	03/19	13:01	37-45.2S	151-40.3	4688	20.2	-3.0	11.9	10.97	22.45	34.83	5.32	.13
89/03/19	03:00	03/19	13:06	37-44.3S	151-40.4	4685	20.2	-3.0	12.1	10.89	22.28	34.85	5.22	.13
89/03/19	03:05	03/19	13:11	37-43.3S	151-40.5	4689	20.4	-3.0	11.9	10.97	22.11	34.87	5.25	.13
89/03/19	03:10	03/19	13:16	37-42.4S	151-40.6	4689	20.5	-3.0	12.0	10.97	22.03	34.85	5.24	.13
89/03/19	03:15	03/19	13:21	37-41.5S	151-40.7	4691	20.7	-3.0	11.8	10.97	22.11	34.81	5.31	.13
89/03/19	03:20	03/19	13:26	37-40.6S	151-40.8	4698	20.8	-3.0	12.0	10.97	22.11	34.81	5.25	.13
89/03/19	03:25	03/19	13:31	37-39.6S	151-40.9	4700	20.8	-3.0	12.1	10.97	22.11	34.81	5.36	.13
89/03/19	03:30	03/19	13:36	37-37.7S	151-33.1	4699	20.8	-3.0	12.0	10.97	22.19	34.83	5.35	.13
89/03/19	03:35	03/19	13:41	37-36.8S	151-32.9	4698	20.9	-3.0	12.0	10.97	22.19	34.83	5.39	.13
89/03/19	03:40	03/19	13:46	37-35.8S	151-32.9	4707	20.9	-3.0	11.9	10.97	22.28	34.79	5.39	.13
89/03/19	03:45	03/19	13:51	37-34.9S	151-32.9	4712	20.9	-3.0	11.9	10.97	22.36	34.81	5.47	.13
89/03/19	03:50	03/19	13:56	37-33.9S	151-32.9	4706	20.9	-3.0	11.9	10.97	22.45	34.83	5.49	.13
89/03/19	03:55	03/19	14:01	37-32.7S	151-32.8	4710	20.9	-3.0	12.0	10.97	22.36	34.88	5.46	.13
89/03/19	04:00	03/19	14:06	37-31.7S	151-32.8	4706	21.0	-3.0	12.0	10.97	22.36	34.81	5.49	.13
89/03/19	04:05	03/19	14:11	37-30.7S	151-32.8	4716	21.1	-3.0	12.2	10.97	22.36	34.88	5.46	.13
89/03/19	04:10	03/19	14:16	37-29.8S	151-32.8	4717	21.2	-3.0	11.9	10.97	22.53	34.79	5.46	.13
89/03/19	04:15	03/19	14:21	37-28.8S	151-32.9	4716	21.2	-3.0	11.9	10.97	22.70	34.77	5.45	.13
89/03/19	04:20	03/19	14:26	37-27.8S	151-32.9	4718	21.2	-3.0	12.0	10.97	22.79	34.80	5.54	.13
89/03/19	04:25	03/19	14:31	37-26.8S	151-32.9	4721	21.1	-3.0	12.0	10.97	22.79	34.80	5.47	.13
89/03/19	04:30	03/19	14:36	37-25.9S	151-33.0	4723	21.0	-3.0	11.9	10.97	22.53	34.86	5.49	.13
89/03/19	04:35	03/19	14:41	37-24.9S	151-33.1	4724	20.9	-3.0	12.0	10.97	22.36	34.88	5.39	.13
89/03/19	04:40	03/19	14:46	37-23.9S	151-33.1	4728	20.7	-3.0	12.0	10.97	22.36	34.81	5.41	.13
89/03/19	04:45	03/19	14:51	37-22.9S	151-33.1	4730	20.7	-3.0	12.2	10.97	22.45	34.83	5.45	.13
89/03/19	04:50	03/19	14:56	37-21.3S	151-32.8	4733	20.7	-3.0	12.1	10.97	22.28	34.85	5.47	.13
89/03/19	04:55	03/19	15:01	37-20.3S	151-32.8	4731	20.6	-3.0	11.8	10.97	22.11	34.81	5.36	.13
89/03/19	05:00	03/19	15:06	37-19.3S	151-32.8	4738	20.6	-3.0	11.9	10.97	22.03	34.85	5.42	.13
89/03/19	05:05	03/19	15:11	37-18.4S	151-32.9	4737	20.8	-3.0	11.8	10.97	21.94	34.83	5.41	.13
89/03/19	05:10	03/19	15:16	37-17.5S	151-32.9	4739	20.6	-3.0	10.8	10.97	21.85	34.87	5.43	.13
89/03/19	05:15	03/19	15:21	37-16.6S	151-33.0	4743	20.7	-3.0	10.7	10.97	21.76	34.84	5.46	.13
89/03/19	05:20	03/19	15:26	37-15.6S	151-33.3	4748	20.7	-3.0	10.7	10.97	21.76	34.84	5.38	.13
89/03/19	05:25	03/19	15:31	37-14.7S	151-33.4	4747	20.7	-3.0	10.6	10.97	21.76	34.84	5.46	.13
89/03/19	05:30	03/19	15:36	37-13.9S	151-33.4	4750	20.7	-3.0	10.6	10.97	21.68	34.89	5.42	.13
89/03/19	05:35	03/19	15:41	37-13.0S	151-33.5	4750	20.7	-3.0	10.6	10.97	21.88	34.83	5.48	.13
89/03/19	05:40	03/19	15:46	37-12.1S	151-33.5	4757	20.7	-3.0	10.6	10.97	21.68	34.83	5.41	.13
89/03/19	05:45	03/19	15:51	37-11.1S	151-33.7	4760	20.7	-3.0	10.6	10.97	21.76	34.78	5.49	.13
89/03/19	05:50	03/19	15:56	37-10.2S	151-33.8	4757	20.6	-3.0	10.7	10.97	21.76	34.84	5.50	.13
89/03/19	05:55	03/19	16:01	37-09.3S	151-33.8	4758	20.4	-3.0	10.4	10.97	21.76	34.84	5.45	.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]
89/03/19	06:00	03/19	16:06	37-08.5S	151-33.9	4763	20.4	-3.0	10.6	10.97	21.76	34.84	5.47	.13
89/03/19	06:05	03/19	16:11	37-07.6S	151-34.0	4761	20.6	-3.0	10.6	10.97	21.76	34.84	5.46	.13
89/03/19	06:10	03/19	16:16	37-06.7S	151-34.0	4762	20.9	-3.0	10.7	10.97	21.76	34.84	5.48	.13
89/03/19	06:15	03/19	16:21	37-06.8S	151-34.1	4765	20.9	-3.0	10.9	10.97	21.76	34.84	5.52	.13
89/03/19	06:20	03/19	16:26	37-04.9S	151-34.1	4775	20.9	-3.0	10.7	10.97	21.76	34.84	5.45	.13
89/03/19	06:25	03/19	16:31	37-04.0S	151-34.2	4770	21.0	-3.0	10.6	10.97	21.76	34.84	5.47	.13
89/03/19	06:30	03/19	16:36	37-03.1S	151-34.3	4776	21.1	-3.0	10.5	10.97	21.76	34.84	5.45	.13
89/03/19	06:35	03/19	16:41	37-02.2S	151-34.3	4772	21.2	-3.0	10.6	10.97	21.85	34.81	5.50	.13
89/03/19	06:40	03/19	16:46	37-01.3S	151-34.4	4775	21.3	-3.0	10.7	11.04	21.85	34.87	5.52	.13
89/03/19	06:45	03/19	16:51	37-00.4S	151-34.4	4782	21.3	-3.0	10.7	11.04	21.85	34.81	5.52	.13
89/03/19	06:50	03/19	16:56	36-59.5S	151-34.5	4780	21.4	-3.0	10.7	11.04	21.76	34.84	5.46	.13
89/03/19	06:55	03/19	17:01	36-58.6S	151-34.6	4780	21.5	-3.0	10.5	10.97	21.76	34.84	5.49	.13
89/03/19	07:00	03/19	17:06	36-57.8S	151-34.6	4783	21.5	-3.0	10.5	10.97	21.76	34.84	5.54	.13
89/03/19	07:05	03/19	17:11	36-56.9S	151-34.7	4783	21.6	-3.0	10.7	10.97	21.76	34.84	5.50	.13
89/03/19	07:10	03/19	17:16	36-56.0S	151-34.7	4790	21.6	-3.0	10.5	10.97	21.76	34.84	5.52	.13
89/03/19	07:15	03/19	17:21	36-55.1S	151-34.8	4787	21.6	-3.0	10.6	11.12	21.76	34.84	5.55	.13
89/03/19	07:20	03/19	17:26	36-54.2S	151-34.9	4788	21.6	-3.0	10.6	10.97	21.76	34.84	5.53	.13
89/03/19	07:25	03/19	17:31	36-53.3S	151-34.9	4790	21.7	-3.0	10.6	10.97	21.76	34.84	5.55	.13
89/03/19	07:30	03/19	17:36	36-52.4S	151-35.0	4790	21.8	-3.0	10.5	10.97	21.85	34.81	5.52	.13
89/03/19	07:35	03/19	17:41	36-51.5S	151-35.0	4797	21.8	-3.0	10.7	10.97	21.85	34.81	5.53	.13
89/03/19	07:40	03/19	17:46	36-50.7S	151-35.0	4803	21.9	-3.0	10.5	11.04	21.85	34.81	5.48	.13
89/03/19	07:45	03/19	17:51	36-49.8S	151-35.1	4813	21.9	-3.0	10.6	11.19	21.76	34.84	5.52	.13
89/03/19	07:50	03/19	17:56	36-48.9S	151-35.2	4796	21.9	-3.0	10.5	11.12	21.76	34.84	5.57	.13
89/03/19	07:55	03/19	18:01	36-48.1S	151-35.2	4796	21.9	-3.0	10.6	10.97	21.85	34.81	5.54	.13
89/03/19	08:00	03/19	18:06	36-46.0S	151-37.5	4799	21.9	-3.0	10.6	10.97	21.85	34.81	5.50	.13
89/03/19	08:05	03/19	18:11	36-45.0S	151-37.7	4811	21.9	-3.0	10.6	10.97	21.76	34.84	5.50	.13
89/03/19	08:10	03/19	18:16	36-44.1S	151-37.8	4805	21.9	-3.0	10.6	10.97	21.76	34.84	5.49	.13
89/03/19	08:15	03/19	18:21	36-43.2S	151-37.9	4801	21.8	-3.0	10.6	10.97	21.76	34.84	5.52	.13
89/03/19	08:20	03/19	18:26	36-42.2S	151-38.0	4804	21.8	-3.0	10.5	10.97	21.76	34.84	5.48	.13
89/03/19	08:25	03/19	18:31	36-41.3S	151-38.2	4802	21.8	-3.0	10.4	11.04	21.76	34.84	5.46	.13
89/03/19	08:30	03/19	18:36	36-40.9S	151-39.2	4813	21.9	-3.0	10.5	10.97	21.85	34.81	5.45	.13
89/03/19	08:35	03/19	18:41	36-40.0S	151-39.3	4806	22.0	-3.0	10.5	10.97	21.85	34.87	5.41	.13
89/03/19	08:40	03/19	18:46	36-39.1S	151-39.5	4806	21.9	-3.0	10.6	11.04	21.85	34.87	5.50	.13
89/03/19	08:45	03/19	18:51	36-38.2S	151-39.7	4811	21.8	-3.0	10.4	11.04	21.85	34.87	5.46	.13
89/03/19	08:50	03/19	18:56	36-37.3S	151-39.8	4808	21.7	-3.0	10.5	10.97	21.85	34.87	5.44	.13
89/03/19	08:55	03/19	19:01	36-36.4S	151-40.0	4809	21.7	-3.0	10.5	11.12	21.85	34.87	5.44	.13
89/03/19	09:00	03/19	19:06	36-35.5S	151-40.1	4812	21.5	-3.0	10.3	11.04	21.85	34.87	5.47	.13
89/03/19	09:05	03/19	19:11	36-34.6S	151-40.3	4812	21.5	-3.0	10.6	10.97	21.76	34.84	5.45	.13
89/03/19	09:10	03/19	19:16	36-33.7S	151-40.4	4810	21.5	-3.0	10.3	10.97	21.76	34.84	5.45	.13
89/03/19	09:15	03/19	19:21	36-32.8S	151-40.6	4814	21.6	-3.0	10.4	10.97	21.76	34.84	5.49	.13
89/03/19	09:20	03/19	19:26	36-31.9S	151-40.8	4817	21.6	-3.0	10.3	10.97	21.76	34.84	5.49	.13
89/03/19	09:25	03/19	19:31	36-31.0S	151-40.9	4825	21.5	-3.0	10.3	10.97	21.76	34.84	5.41	.13
89/03/19	09:30	03/19	19:36	36-30.1S	151-41.1	4817	21.5	-3.0	10.7	10.97	21.85	34.87	5.50	.13
89/03/19	09:35	03/19	19:41	36-28.9S	151-42.9	4819	21.5	-3.0	10.8	10.97	21.85	34.87	5.44	.13
89/03/19	09:40	03/19	19:46	36-28.0S	151-43.1	4822	21.6	-3.0	10.7	11.04	21.94	34.83	5.44	.13
89/03/19	09:45	03/19	19:51	36-27.0S	151-43.4	4819	21.6	-3.0	10.9	11.04	22.03	34.85	5.46	.13
89/03/19	09:50	03/19	19:56	36-26.0S	151-43.6	4820	21.6	-3.0	11.6	11.04	22.03	34.85	5.47	.13
89/03/19	09:55	03/19	20:01	36-25.1S	151-43.9	4822	21.8	-3.0	11.5	11.04	22.03	34.85	5.50	.13
89/03/19	10:00	03/19	20:06	36-24.2S	151-44.1	4823	21.9	-3.0	11.4	11.04	22.03	34.85	5.47	.13
89/03/19	10:05	03/19	20:11	36-23.3S	151-44.3	4830	21.9	-3.0	11.5	11.04	22.03	34.85	5.47	.13
89/03/19	10:10	03/19	20:16	36-22.3S	151-44.5	4824	21.9	-3.0	11.5	11.04	22.03	34.85	5.49	.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]
89/03/19	10:15	03/19	20:21	36-21.7S	151-44.9	4824	21.9	-3.0	11.5	11.04	22.11	34.91	5.52	.13
89/03/19	10:20	03/19	20:27	36-20.7S	151-45.1	4826	21.8	-3.0	11.6	11.04	22.19	34.83	5.48	.13
89/03/19	10:25	03/19	20:32	36-19.8S	151-45.4	4826	21.8	-3.0	11.5	11.04	22.36	34.81	5.45	.13
89/03/19	10:30	03/19	20:37	36-18.8S	151-45.6	4830	21.8	-3.0	11.5	11.04	22.45	34.83	5.59	.13
89/03/19	10:35	03/19	20:42	36-17.9S	151-45.8	4829	21.8	-3.0	11.4	11.04	22.45	34.83	5.53	.13
89/03/19	10:40	03/19	20:47	36-17.0S	151-46.0	4828	21.8	-3.0	11.6	11.04	22.45	34.83	5.55	.13
89/03/19	10:45	03/19	20:52	36-16.1S	151-46.2	4829	22.0	-3.0	11.5	11.04	22.45	34.83	5.57	.13
89/03/19	10:50	03/19	20:57	36-15.1S	151-46.4	4856	22.1	-3.0	11.5	10.97	22.45	34.83	5.53	.13
89/03/19	10:55	03/19	21:02	36-14.2S	151-46.6	4830	22.2	-3.0	11.6	10.97	22.53	34.79	5.46	.13
89/03/19	11:00	03/19	21:07	36-13.3S	151-46.7	4839	22.3	-3.0	11.7	10.97	22.45	34.83	5.49	.13
89/03/19	11:05	03/19	21:12	36-12.3S	151-47.0	4845	22.3	-3.0	11.5	10.97	22.53	34.86	5.47	.13
89/03/19	11:10	03/19	21:17	36-11.6S	151-47.1	4843	22.3	-3.0	11.5	10.97	22.53	34.86	5.43	.13
89/03/19	11:15	03/19	21:22	36-10.4S	151-47.3	4838	22.3	-3.0	11.6	10.97	22.53	34.86	5.45	.13
89/03/19	11:20	03/19	21:27	36-09.5S	151-47.5	4854	22.3	-3.0	11.6	10.97	22.45	34.83	5.43	.13
89/03/19	11:25	03/19	21:32	36-08.5S	151-47.6	4834	22.3	-3.0	11.7	10.97	22.45	34.83	5.43	.13
89/03/19	11:30	03/19	21:37	36-07.6S	151-47.8	4835	22.3	-3.0	11.5	10.97	22.36	34.88	5.43	.13
89/03/19	11:35	03/19	21:42	36-06.7S	151-47.9	4834	22.3	-3.0	11.6	11.04	22.36	34.88	5.44	.13
89/03/19	11:40	03/19	21:47	36-05.7S	151-48.1	4834	22.3	-3.0	11.8	11.04	22.36	34.88	5.48	.13
89/03/19	11:45	03/19	21:52	36-04.7S	151-48.2	4836	22.3	-3.0	11.3	11.04	22.36	34.88	5.48	.13
89/03/19	11:50	03/19	21:57	36-03.8S	151-48.4	4837	22.3	-3.0	11.4	11.04	22.28	34.85	5.46	.13
89/03/19	11:55	03/19	22:02	36-02.9S	151-48.5	4844	22.3	-3.0	11.5	11.04	22.28	34.85	5.43	.13
89/03/19	12:00	03/19	22:07	36-03.0S	151-49.1	4841	22.3	-3.0	11.5	11.04	22.28	34.85	5.40	.13
89/03/19	12:05	03/19	22:12	36-02.1S	151-49.2	4840	22.3	-3.0	11.4	11.04	22.36	34.88	5.39	.13
89/03/19	12:10	03/19	22:17	36-01.2S	151-49.4	4836	22.3	-3.0	11.6	11.04	22.36	34.88	5.41	.13
89/03/19	12:15	03/19	22:22	36-00.3S	151-49.6	4839	22.3	-3.0	11.6	11.04	22.36	34.88	5.36	.13
89/03/19	12:20	03/19	22:27	35-59.4S	151-49.7	4836	22.3	-3.0	11.6	11.04	22.36	34.88	5.44	.13
89/03/19	12:25	03/19	22:32	35-58.5S	151-49.9	4840	22.3	-3.0	11.6	11.04	22.36	34.88	5.37	.13
89/03/19	12:30	03/19	22:37	35-57.5S	151-50.0	4840	22.3	-3.0	11.8	11.04	22.45	34.83	5.47	.13
89/03/19	12:35	03/19	22:42	35-56.6S	151-50.2	4840	22.3	-3.0	11.7	11.04	22.53	34.86	5.44	.13
89/03/19	12:40	03/19	22:47	35-55.7S	151-50.3	4840	22.3	-3.0	11.4	11.04	22.53	34.86	5.42	.13
89/03/19	12:45	03/19	22:52	35-54.6S	151-50.5	4841	22.3	-3.0	11.7	11.04	22.52	34.82	5.41	.13
89/03/19	12:50	03/19	22:57	35-53.9S	151-50.6	4844	22.3	-3.0	11.6	11.04	22.52	34.82	5.40	.13
89/03/19	12:55	03/19	23:02	35-53.0S	151-50.8	4852	22.4	-3.0	11.4	11.04	22.52	34.82	5.47	.13
89/03/19	13:00	03/19	23:07	35-52.1S	151-50.9	4840	22.4	-3.0	11.6	11.04	22.52	34.82	5.44	.13
89/03/19	13:05	03/19	23:12	35-51.2S	151-51.1	4840	22.4	-3.0	11.6	11.04	22.53	34.86	5.41	.13
89/03/19	13:10	03/19	23:17	35-50.3S	151-51.3	4841	22.4	-3.0	11.6	11.04	22.53	34.86	5.28	.13
89/03/19	13:15	03/19	23:22	35-49.4S	151-51.4	4845	22.4	-3.0	11.6	11.04	22.53	34.86	5.41	.13
89/03/19	13:20	03/19	23:27	35-48.5S	151-51.6	4842	22.4	-3.0	11.6	11.04	22.52	34.88	5.41	.13
89/03/19	13:25	03/19	23:32	35-47.6S	151-51.7	4843	22.4	-3.0	11.7	11.04	22.52	34.88	5.43	.13
89/03/19	13:30	03/19	23:37	35-46.7S	151-51.9	4843	22.4	-3.0	11.6	11.04	22.70	34.84	5.37	.13
89/03/19	13:35	03/19	23:42	35-45.8S	151-52.1	4843	22.4	-3.0	11.6	11.04	22.70	34.84	5.43	.13
89/03/19	13:40	03/19	23:47	35-44.9S	151-52.2	4841	22.4	-3.0	11.6	11.04	22.70	34.84	5.38	.13
89/03/19	13:45	03/19	23:52	35-44.0S	151-52.4	4851	22.4	-3.0	11.6	11.04	22.70	34.84	5.38	.13
89/03/19	13:50	03/19	23:57	35-43.1S	151-52.5	4843	22.4	-3.0	11.4	11.04	22.70	34.90	5.35	.13
89/03/19	13:55	03/20	00:02	35-42.1S	151-52.7	4857	22.4	-3.0	11.6	11.04	22.70	34.84	5.36	.13
89/03/19	14:00	03/20	00:07	35-41.2S	151-52.8	4845	22.3	-3.0	11.5	11.04	22.70	34.90	5.35	.13
89/03/19	14:05	03/20	00:12	35-40.3S	151-53.0	4850	22.3	-3.0	11.8	11.04	22.70	34.90	5.39	.13
89/03/19	14:10	03/20	00:17	35-39.4S	151-53.1	4842	22.3	-3.0	11.7	10.97	22.79	34.86	5.36	.13
89/03/19	14:15	03/20	00:22	35-38.5S	151-53.3	4844	22.3	-3.0	11.8	10.97	22.79	34.86	5.36	.13
89/03/19	14:20	03/20	00:27	35-37.6S	151-53.4	4846	22.3	-3.0	11.7	10.97	22.79	34.86	5.29	.13
89/03/19	14:25	03/20	00:32	35-36.7S	151-53.6	4841	22.3	-3.0	11.8	10.97	22.79	34.86	5.35	.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]
89/03/19	14:30	03/20	00:37	35-35.8S	151-53.7	4846	22.4	-3.0	11.7	10.97	22.79	34.86	5.30	.13
89/03/19	14:35	03/20	00:42	35-34.8S	151-53.9	4859	22.4	-3.0	11.7	11.04	22.79	34.86	5.38	.13
89/03/19	14:40	03/20	00:47	35-33.9S	151-54.0	4845	22.3	-3.0	11.8	11.04	22.79	34.86	5.32	.13
89/03/19	14:45	03/20	00:52	35-33.0S	151-54.2	4846	22.4	-3.0	11.7	10.97	22.79	34.86	5.37	.13
89/03/19	14:50	03/20	00:57	35-32.0S	151-54.3	4842	22.4	-3.0	11.6	10.97	22.79	34.86	5.33	.13
89/03/19	14:55	03/20	01:02	35-31.1S	151-54.5	4858	22.4	-3.0	11.8	10.97	22.79	34.86	5.34	.13
89/03/19	15:00	03/20	01:07	35-30.2S	151-54.7	4843	22.4	-3.0	11.7	10.97	22.79	34.86	5.28	.13
89/03/19	15:05	03/20	01:12	35-29.3S	151-54.8	4861	22.4	-3.0	11.7	10.97	22.79	34.86	5.27	.13
89/03/19	15:10	03/20	01:17	35-28.4S	151-55.0	4842	22.4	-3.0	11.9	10.97	22.79	34.86	5.34	.13
89/03/19	15:15	03/20	01:22	35-27.5S	151-55.1	4842	22.5	-3.0	11.8	10.97	22.79	34.86	5.30	.13
89/03/19	15:20	03/20	01:27	35-26.6S	151-55.3	4843	22.5	-3.0	11.7	10.97	22.79	34.86	5.35	.13
89/03/19	15:25	03/20	01:32	35-25.6S	151-55.4	4850	22.5	-3.0	11.8	10.97	22.79	34.86	5.36	.13
89/03/19	15:30	03/20	01:37	35-24.7S	151-55.6	4844	22.5	-3.0	11.6	10.97	22.79	34.86	5.39	.13
89/03/19	15:35	03/20	01:42	35-23.8S	151-55.7	4847	22.5	-3.0	11.7	11.04	22.79	34.86	5.42	.13
89/03/19	15:40	03/20	01:47	35-21.6S	151-57.9	4846	22.5	-3.0	11.7	11.04	22.79	34.86	5.42	.13
89/03/19	15:45	03/20	01:52	35-20.7S	151-58.1	4845	22.5	-3.0	11.6	11.04	22.79	34.86	5.39	.13
89/03/19	15:50	03/20	01:57	35-19.7S	151-58.3	4849	22.5	-3.0	11.6	11.04	22.79	34.86	5.35	.13
89/03/19	15:55	03/20	02:02	35-18.9S	151-57.8	4845	22.5	-3.0	11.5	11.04	22.79	34.86	5.38	.13
89/03/19	16:00	03/20	02:07	35-17.8S	151-56.5	4850	22.5	-3.0	11.5	11.04	22.70	34.90	5.30	.13
89/03/19	16:05	03/20	02:12	35-17.0S	151-56.0	4850	22.5	-3.0	11.5	11.04	22.70	34.90	5.37	.13
89/03/19	16:10	03/20	02:17	35-16.1S	151-55.5	4852	22.5	-3.0	11.4	11.04	22.79	34.86	5.32	.13
89/03/19	16:15	03/20	02:22	35-15.3S	151-55.0	4848	22.5	-3.0	11.4	11.04	22.79	34.86	5.34	.13
89/03/19	16:20	03/20	02:27	35-14.6S	151-54.5	4844	22.5	-3.0	11.4	10.97	22.79	34.86	5.33	.13
89/03/19	16:25	03/20	02:32	35-13.6S	151-54.0	4850	22.5	-3.0	11.3	10.97	22.79	34.86	5.35	.13
89/03/19	16:30	03/20	02:37	35-12.8S	151-53.5	4851	22.5	-3.0	11.5	10.97	22.79	34.86	5.34	.13
89/03/19	16:35	03/20	02:42	35-11.9S	151-53.0	4847	22.5	-3.0	11.5	10.97	22.79	34.86	5.32	.13
89/03/19	16:40	03/20	02:47	35-11.1S	151-52.5	4847	22.5	-3.0	11.6	10.97	22.79	34.86	5.34	.13
89/03/19	16:45	03/20	02:52	35-10.3S	151-52.0	4846	22.5	-3.0	11.4	10.97	22.79	34.86	5.30	.13
89/03/19	16:50	03/20	02:57	35-09.4S	151-51.5	4845	22.5	-3.0	11.6	10.97	22.79	34.86	5.39	.13
89/03/19	16:55	03/20	03:02	35-08.6S	151-50.9	4854	22.5	-3.0	11.6	10.97	22.79	34.86	5.33	.13
89/03/19	17:00	03/20	03:07	35-07.7S	151-50.5	4848	22.5	-3.0	11.6	10.97	22.70	34.90	5.26	.13
89/03/19	17:05	03/20	03:12	35-06.8S	151-49.2	4848	22.5	-3.0	11.7	10.97	22.70	34.90	5.34	.13
89/03/19	17:10	03/20	03:17	35-05.9S	151-49.7	4849	22.5	-3.0	11.4	10.97	22.70	34.84	5.32	.13
89/03/19	17:15	03/20	03:22	35-05.2S	151-50.3	4849	22.5	-3.0	10.2	10.97	22.70	34.84	5.34	.13
89/03/19	17:20	03/20	03:27	35-04.5S	151-50.7	4854	22.5	-3.0	9.7	10.89	22.70	34.84	5.36	.13
89/03/19	17:25	03/20	03:32	35-03.6S	151-51.2	4852	22.5	-3.0	10.1	10.97	22.70	34.84	5.26	.13
89/03/19	17:30	03/20	03:37	35-03.2S	151-51.4	4856	22.5	-3.0	10.0	10.89	22.70	34.84	5.26	.13
89/03/19	17:35	03/20	03:42	35-02.5S	151-51.8	4850	22.4	-3.0	10.2	10.97	22.70	34.84	5.32	.13
89/03/19	17:40	03/20	03:47	35-01.9S	151-52.3	4849	22.4	-3.0	10.2	10.97	22.70	34.84	5.32	.13
89/03/19	17:45	03/20	03:52	35-01.1S	151-52.7	4856	22.4	-3.0	10.0	10.89	22.70	34.84	5.33	.13
89/03/19	17:50	03/20	03:57	35-00.4S	151-53.0	4854	22.4	-3.0	10.2	10.89	22.70	34.84	5.33	.13
89/03/19	17:55	03/20	04:02	34-59.7S	151-53.4	4863	22.3	-3.0	10.1	10.89	22.70	34.84	5.29	.13
89/03/19	18:00	03/20	04:07	34-58.9S	151-53.7	4850	22.3	-3.0	10.2	10.89	22.70	34.84	5.29	.13
89/03/19	18:05	03/20	04:12	34-58.1S	151-54.1	4855	22.3	-3.0	10.2	10.89	22.70	34.84	5.34	.13
89/03/19	18:10	03/20	04:17	34-57.4S	151-54.4	4857	22.3	-3.0	10.1	10.89	22.70	34.84	5.40	.13
89/03/19	18:15	03/20	04:22	34-56.6S	151-54.7	4853	22.3	-3.0	10.1	10.89	22.70	34.84	5.28	.13
89/03/19	18:20	03/20	04:27	34-55.8S	151-55.0	4854	22.3	-3.0	10.2	10.89	22.70	34.84	5.27	.13
89/03/19	18:25	03/20	04:32	34-55.0S	151-55.3	4852	22.3	-3.0	10.2	10.89	22.53	34.86	5.36	.13
89/03/19	18:30	03/20	04:37	34-54.2S	151-55.4	4853	22.3	-3.0	10.1	10.89	22.53	34.86	5.29	.13
89/03/19	18:35	03/20	04:42	34-53.4S	151-55.5	4874	22.3	-3.0	10.1	10.89	22.53	34.86	5.37	.13
89/03/19	18:40	03/20	04:47	34-52.6S	151-55.6	4858	22.3	-3.0	10.3	10.89	22.53	34.86	5.37	.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]
89/03/19	18:45	03/20	04:52	34-51.6S	161-55.7	4852	22.3	-3.0	10.2	10.97	22.53	34.86	5.32	.13
89/03/19	18:50	03/20	04:57	34-50.9S	161-55.7	4852	22.3	-3.0	10.3	10.97	22.53	34.86	5.28	.13
89/03/19	18:55	03/20	05:02	34-50.1S	161-55.9	4857	22.3	-3.0	10.3	10.97	22.62	34.82	5.32	.13
89/03/19	19:00	03/20	05:07	34-49.3S	161-55.9	4857	22.3	-3.0	10.3	10.97	22.70	34.84	5.35	.13
89/03/19	19:05	03/20	05:12	34-48.4S	161-56.0	4857	22.3	-3.0	10.4	10.97	22.70	34.84	5.36	.13
89/03/19	19:10	03/20	05:17	34-47.6S	161-56.2	4857	22.3	-3.0	10.5	10.97	22.70	34.84	5.38	.13
89/03/19	19:15	03/20	05:22	34-46.7S	161-56.3	4864	22.3	-3.0	10.6	10.97	22.62	34.88	5.37	.13
89/03/19	19:20	03/20	05:27	34-45.9S	161-56.5	4861	22.3	-3.0	10.4	10.97	22.53	34.86	5.34	.13
89/03/19	19:25	03/20	05:32	34-45.2S	161-56.6	4862	22.3	-3.0	10.4	10.97	22.62	34.82	5.36	.13

Table 3. Vertical profiles of chlorophyll *a* and pheopigments which were manually measured by fluorometric method during the JARE-30 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- <i>a</i>	Pheo	%
GMT				m	$\mu\text{g/l}$	$\mu\text{g/l}$	
1205	500	40 - 48.0 S	110 - 0.0 E	0	0.152	0.296	33.9
				9	0.152	0.174	46.6
				18	0.114	0.293	27.9
				44	0.209	0.361	36.6
				67	0.183	0.509	26.5
				89	0.221	0.430	34.0
				111	0.120	0.450	21.1
				133	0.088	0.359	19.8
				177	0.025	0.300	7.8
1206	500	45 - 37.6 S	110 - 2.8 E	0	0.436	0.012	97.4
				8	0.386	0.429	47.4
				17	0.398	0.212	65.2
				25	0.348	0.222	61.0
				42	0.348	0.059	85.4
				63	0.544	0.149	78.5
				84	0.493	0.362	57.7
				105	0.474	0.137	77.6
				126	0.310	0.301	50.7
1207	500	50 - 44.7 S	109 - 59.9 E	0	0.265	2.707	8.9
				8	0.152	0.174	46.6
				16	0.196	0.252	43.8
				23	0.183	0.387	32.2
				39	0.202	0.368	35.5
				59	0.171	0.359	32.2
				78	0.253	0.561	31.1
				98	0.164	1.016	13.9
				117	0.202	0.531	27.6
1208	500	55 - 12.5 S	109 - 17.3 E	0	0.139	0.227	38.0
				10	0.107	0.422	20.3
				20	0.088	0.278	24.2
				30	0.070	0.378	15.5
				50	0.107	0.218	33.0
				75	0.101	0.510	16.6
				100	0.171	0.807	17.5
				125	0.057	0.269	17.5
				150	0.057	0.310	15.5
				200	0.013	0.557	2.2



Date	Time	Latitude		Longitude		Depth	Chl-a	Pheo	%
	GMT					m	µg/l	µg/l	
313	200	63	-	2.1	S	150	-	5.9	E
314	200	59	-	40.0	S	150	-	2.0	E
316	200	51	-	58.8	S	150	-	23.1	E