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第二部 神鷹丸航海調査報告 10月調査航海報告 期間 平成9年10月 海域 北西部北太平洋

メタデータ	言語: jpn
	出版者:
	公開日: 2008-04-10
	キーワード (Ja):
	キーワード (En):
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URL	https://oacis.repo.nii.ac.jp/records/260

2.2.1. CTD 観測表 CTD Observation List

St.No.	Time (SMT)	GMT	Lat.	Long	A.Temp	W.Temp	Depth	Wind Dir.	Wind S'd	Remarks
1	10/20 10:04	10/20 01:04	35-00.11N	140-20.87E	22.3	22.0	504	W/S	9.0	450m
2	10/20 11:00	10/20 02:00	34-59.97N	140-30.43E	22.8	22.6	230	WSW	8.4	210m
3	10/20 11:57	10/20 02:57	35-00.02N	140-40.60E	23.3	22.7	1060	SW	8.6	800m
4	10/20 13:14	10/20 04:14	34-59.84N	140-49.85E	23.1	23.0	1313	WSW	9.0	800m
5	10/20 14:33	10/20 05:33	34-59.84N	140-59.96E	23.3	23.0	2138	WSW	7.5	800m
6	10/20 15:50	10/20 06:50	34-59.92N	141-10.13E	23.5	24.0	2999	WSW	6.8	800m
7	10/20 17:05	10/20 08:05	35-00.31N	141-20.03E	23.4	24.3	3345	SW/W	8.6	800m
8	10/20 18:18	10/20 09:18	35-00.40N	141-30.12E	23.4	24.3	3000	SW/W	6.7	800m
9	10/20 19:23	10/20 10:23	35-00.27N	141-40.36E	23.4	24.1	4520	SW/S	6.7	800m
10	10/20 21:02	10/20 12:02	35-10.23N	141-40.21E	23.2	22.2	5425	SW	7.1	800m
11	10/20 22:22	10/20 13:22	35-20.00N	141-40.18E	22.8	22.5	2115	SW	6.0	800m
12	10/20 23:52	10/20 14:52	35-30.06N	141-40.23E	22.6	22.6	1520	SW/S	5.9	800m
13	10/21 01:21	10/20 16:21	35-40.01N	141-40.01E	22.4	22.3	2690	SW/S	6.3	800m
14	10/21 02:46	10/20 17:46	35-49.86N	141-39.91E	22.1	21.7	2837	SW/S	5.8	800m
15	10/21 04:07	10/20 19:07	35-59.74N	141-40.02E	21.8	21.8	2486	SW/S	5.7	800m
16	10/21 05:28	10/20 20:28	36-09.74N	141-40.67E	21.6	21.4	1880	WSW	3.9	800m
17	10/21 07:00	10/20 22:00	36-19.56N	141-40.22E	21.3	21.5	1770	WSW	2.3	800m
18	10/21 08:29	10/20 23:29	36-30.36N	141-40.11E	21.8	21.3	1990	SE/S	2.9	800m
19	10/21 10:53	10/21 01:53	36-40.35N	141-40.35E	22.2	18.5	1570	SSE	4.1	800m
20	10/21 11:12	10/21 02:12	36-49.97N	141-40.17E	21.4	18.7	826	SSW	3.0	800m
21	10/21 12:29	10/21 03:29	36-59.87N	141-39.91E	20.1	18.2	525	SW/S	2.4	800m
22	10/21 13:39	10/21 04:39	36-59.95N	141-30.18E	19.8	18.8	308	S/W	3.4	280m
23	10/21 14:36	10/21 05:36	36-59.93N	141-20.06E	20.0	18.5	159	S	4.8	140m
24	10/21 15:26	10/21 06:26	37-00.20N	141-10.10E	19.7℃	18.2℃	132m	S	4.3m/s	110m
25	10/21 16:23	10/21 07:23	36-50.23N	141-13.79E	19.8	18.4	130	S/W	4.9	115m
26	10/21 22:42	10/21 13:42	36-39.63N	141-03.79E	20.2	20.3	122	N/W	0.6	110m
27	10/21 23:48	10/21 14:48	36-29.85N	141-59.69E	20.1	19.4	275	NE	1.2	230m
28	10/22 00:50	10/21 15:50	36-30.10N	141-09.99E	19.6	19.6	635	E/N	3.0	620m
29	10/22 01:57	10/21 16:57	36-30.11N	141-19.92E	19.4	19.0	897	NE/N	3.7	800m
30	10/22 03:10	10/21 18:10	36-30.12N	141-30.23E	19.5	21.1	1249	NE/N	3.8	800m
31	10/22 04:35	10/21 19:35	36-20.11N	141-29.83E	20.6	21.2	1650	ENE	5.6	800m
32	10/22 06:00	10/21 21:00	36-09.77N	141-29.75E	21.0	21.4	1560	ENE	7.5	800m
33	10/22 07:25	10/21 22:25	36-00.01N	141-30.50E	21.5	21.3	2015	NNE	6.9	800m
34	10/22 08:52	10/21 23:52	36-00.06N	141-19.98E	21.9	21.2	1154	NE	7.5	800m

St.No.	Time (SMT)	GMT	Lat.	Long	A.Temp	W.Temp	Depth	Wind Dir.	Wind S d	Remarks
35	10/22 10:03	10/22 01:03	36-00.03N	141-10.13E	21.6	20.8	585	NE	8.8	570m
36	10/22 11:10	10/22 02:10	36-00.10N	140-59.98E	20.9	20.8	225	NE	8.8	205m
37	10/22 12:00	10/22 03:00	36-00.07N	140-50.05E	20.9	21.2	53	NE/E	7.9	40m
38	10/22 13:00	10/22 04:00	35-50.06N	140-55.02E	21.0	21.4	49	NE	6.7	35m
39	10/22 14:00	10/22 05:00	35-39.97N	140-59.92E	21.5	21.6	66	NE/E	7.2	55m
40	10/22 14:56	10/22 05:56	35-30.03N	140-59.93E	21.5	21.7	118	NE/E	8.4	110m
41	10/22 15:48	10/22 06:48	35-30.02N	141-09.99E	21.2	22.1	150	NE/E	7.9	135m
42	10/22 16:40	10/22 07:40	35-30.07N	141-19.62E	21.2	22.3	1140	NE/E	8.8	800m
43	10/22 18:10	10/22 09:10	35-30.11N	141-30.39E	21.3	22.5	1601	NE/E	9.4	800m
44	10/22 19:40	10/22 10:40	35-20.07N	141-30.41E	21.5	22.1	2297	NE/E	9.4	800m
45	10/22 21:10	10/22 12:10	35-09.94N	141-30.03E	21.8	22.3	3386	ENE	8.9	1815m

2.2.2. CTD 観測データ　CTD Observation Data

STATION - 1 SY9710 20　DEPTH - 000513 M
DATE - 1997/10/20　POSITION LAT. - 35°00.07 N
TIME - 10:03　LONG. - 140°20.77 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.820	34.131	23.609	1525.9	21.820	23.609	5.02	4.26
1.0	21.813	34.121	23.604	1525.9	21.812	23.604	5.02	3.72
2.0	21.824	34.145	23.618	1526.0	21.824	23.619	5.02	4.61
3.0	21.822	34.151	23.624	1526.0	21.821	23.624	5.02	4.72
4.0	21.818	34.152	23.626	1526.0	21.817	23.626	5.02	4.74
5.0	21.812	34.154	23.629	1526.0	21.811	23.629	5.02	4.86
10.0	21.797	34.163	23.640	1526.0	21.795	23.641	5.02	4.96
15.0	21.752	34.163	23.653	1526.0	21.749	23.654	5.03	4.91
20.0	21.689	34.155	23.663	1525.9	21.685	23.665	5.03	4.85
25.0	21.558	34.159	23.703	1525.6	21.553	23.704	5.04	4.79
30.0	21.455	34.174	23.742	1525.5	21.449	23.744	5.05	4.69
40.0	21.117	34.235	23.881	1524.8	21.109	23.883	5.08	4.45
50.0	19.878	34.328	24.283	1521.7	19.868	24.285	5.20	4.33
75.0	17.874	34.517	24.934	1516.6	17.861	24.938	5.39	3.77
100.0	14.858	34.520	25.634	1507.8	14.843	25.637	5.72	3.63
125.0	13.405	34.486	25.914	1503.4	13.388	25.917	5.89	3.45
150.0	12.733	34.451	26.022	1501.5	12.712	26.026	5.98	3.39
20.0	10.773	34.358	26.317	1495.4	10.749	26.321	6.24	3.06
250.0	9.947	34.303	26.417	1493.1	9.918	26.422	6.35	3.05
300.0	8.936	34.249	26.541	1490.1	8.904	26.546	6.50	2.90
400.0	6.588	34.138	26.796	1482.6	6.551	26.801	6.86	2.48
449.9	6.296	34.128	26.826	1482.2	6.256	26.831	6.91	2.36

STATION - 2 SY9710 20　DEPTH - 000230 M
DATE - 1997/10/20　POSITION LAT. - 34°59.94 N
TIME - 10:57　LONG. - 034°30.32 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	22.460	34.157	23.450	1527.6	22.460	23.450	4.96	4.06
1.0	22.451	34.158	23.453	1527.6	22.451	23.453	4.96	4.00
2.0	22.459	34.153	23.447	1527.6	22.459	23.447	4.96	4.26
3.0	22.468	34.153	23.445	1527.7	22.467	23.445	4.96	4.24
4.0	22.449	34.153	23.450	1527.6	22.448	23.450	4.96	4.28
5.0	22.449	34.154	23.451	1527.6	22.448	23.451	4.96	4.20
10.0	22.400	34.143	23.456	1527.6	22.398	23.457	4.97	4.28
15.0	22.092	34.170	23.563	1526.9	22.089	23.564	5.00	4.34
20.0	21.612	34.217	23.732	1525.8	21.608	23.733	5.04	4.41
25.0	21.580	34.257	23.771	1525.8	21.575	23.773	5.04	4.24
30.0	21.524	34.271	23.798	1525.8	21.518	23.799	5.04	4.17
40.0	21.445	34.270	23.818	1525.7	21.437	23.820	5.05	4.10
50.0	20.755	34.253	23.993	1524.0	20.745	23.995	5.12	4.26
75.0	19.141	34.366	24.502	1520.1	19.128	24.505	5.27	4.12
100.0	16.695	34.572	25.259	1513.5	16.678	25.262	5.51	3.57
125.0	15.052	34.544	25.610	1508.8	15.033	25.614	5.70	3.49
150.0	12.801	34.449	26.006	1501.7	12.780	26.010	5.97	3.34
200.0	11.577	34.397	26.200	1498.3	11.552	26.205	6.13	3.13
221.6	11.494	34.391	26.212	1498.3	11.466	26.217	6.14	3.10

STATION - 3 SY9710 20　DEPTH - 001070 M
DATE - 1997/10/20　POSITION LAT. - 35°00.00 N
TIME - 11:51　LONG. - 140°40.62 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	22.509	34.147	23.428	1527.7	22.509	23.428	4.96	3.64
1.0	22.500	34.137	2.424	1527.7	22.500	23.424	4.96	2.95
2.0	22.510	34.151	23.431	1527.7	22.510	23.431	4.96	4.26
3.0	22.516	34.151	23.430	1527.8	22.515	23.430	4.96	4.24
4.0	22.512	34.152	23.431	1527.8	22.511	23.431	4.96	4.20
5.0	22.514	34.152	23.430	1527.8	22.513	23.431	4.96	4.16
10.0	22.486	34.150	23.437	1527.8	22.484	23.438	4.96	4.25
15.0	22.405	34.154	23.463	1527.7	22.402	23.464	4.97	4.25
20.0	21.918	34.238	23.663	1526.6	21.914	23.664	5.01	4.28
25.0	21.523	34.302	23.822	1525.7	21.518	23.823	5.04	4.14
30.0	21.454	34.320	23.854	1525.6	21.448	23.855	5.05	4.06
40.0	21.061	34.382	24.009	1524.8	21.053	24.011	5.08	3.99
50.0	20.628	34.459	24.184	1523.9	20.619	24.186	5.12	3.86
75.0	17.979	34.598	24.971	1517.0	17.966	24.974	5.38	3.69
100.0	16.173	34.557	25.368	1511.9	16.157	25.372	5.57	3.57
125.0	13.964	34.507	25.814	1505.3	13.946	25.818	5.83	3.48
150.0	13.087	34.470	25.966	1502.7	13.066	25.970	5.93	3.28
200.0	11.359	34.381	26.229	1497.5	11.334	26.234	6.16	3.12
250.0	10.123	34.317	26.398	1493.8	10.094	26.403	6.33	2.99
300.0	9.303	34.270	26.498	1491.5	9.269	26.504	6.45	2.91
400.0	7.476	34.209	26.729	1486.1	7.437	26.735	6.72	2.44
500.0	6.060	34.156	26.878	1482.1	6.016	26.884	6.95	2.12
600.0	4.386	34.110	27.038	1476.8	4.341	27.043	7.24	1.49
700.0	4.022	34.174	27.127	1477.0	3.971	27.132	7.30	1.13
800.0	3.494	34.257	27.245	1476.5	3.438	27.251	7.39	0.89
800.5	3.493	34.256	27.245	1476.5	3.437	27.251	7.39	0.89

STATION - 5 SY9710 20 DEPTH - 002138 M
DATE - 1997/10/20 POSITION LAT. - 34°59.84 N
TIME - 14:33 LONG. - 140°59.93 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	22.833	34.223	23.394	1528.6	22.833	23.394	4.93	3.87
1.0	22.842	34.225	23.393	1528.7	22.841	23.393	4.93	3.98
2.0	22.842	34.221	23.390	1528.7	22.842	23.390	4.93	4.31
3.0	22.829	34.221	23.393	1528.7	22.828	23.393	4.93	4.31
4.0	22.814	34.213	23.392	1528.6	22.813	23.392	4.93	4.32
5.0	22.800	34.213	23.395	1528.6	22.799	23.396	4.93	4.32
10.0	22.726	34.192	23.401	1528.5	22.724	23.402	4.94	4.29
15.0	22.457	34.153	23.448	1527.8	22.454	23.449	4.96	4.37
20.0	22.357	34.157	23.479	1527.6	22.353	23.480	4.97	4.37
25.0	22.269	34.187	23.526	1527.5	22.264	23.528	4.98	4.27
30.0	21.524	34.082	23.653	1525.5	21.518	23.655	5.05	4.29
40.0	21.140	34.073	23.752	1524.6	21.132	23.754	5.09	4.42
50.0	21.058	34.142	23.826	1524.7	21.048	23.829	5.09	4.21
75.0	18.657	34.627	24.824	1519.0	18.643	24.827	5.31	3.74
100.0	17.236	34.667	25.203	1515.3	17.219	25.207	5.45	3.72
125.0	16.093	34.638	25.449	1512.2	16.073	25.454	5.58	3.73
150.0	14.992	34.578	25.649	1509.1	14.969	25.654	5.70	3.62
200.0	13.052	34.475	25.977	1503.4	13.024	25.982	5.94	3.32
250.0	10.708	34.362	26.331	1495.9	10.677	26.336	6.25	3.05
300.0	9.436	34.306	26.505	1492.1	9.402	26.510	6.42	2.78
400.0	7.128	34.157	26.738	14847	7.090	26.743	6.78	2.57
500.0	5.048	34.057	26.923	1477.9	5.008	26.927	7.12	2.05
600.0	4.502	34.149	27.057	1477.4	4.456	27.062	7.21	1.47
700.0	3.894	34.215	27.173	1476.5	3.843	27.178	7.32	1.07
800.0	3.435	34.249	27.245	1476.2	3.380	27.250	7.40	0.82
801.0	3.436	34.250	27.246	1476.3	3.380	27.251	7.40	0.81

STATION - 6 SY9710 20 DEPTH - 002877 M
DATE - 1997/10/20 POSITION LAT. - 34°59.90 N
TIME - 15:50 LONG. - 141°10.13 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	23.889	34.064	22.967	1531.1	23.889	22.967	4.84	3.57
1.0	23.928	33.722	22.697	1530.8	23.928	22.697	4.85	3.01
2.0	23.892	34.268	23.121	1531.4	23.892	23.121	4.84	3.94
3.0	23.894	34.269	23.121	1531.4	23.893	23.121	4.84	4.03
4.0	23.872	34.271	23.129	1531.4	23.871	23.130	4.84	4.01
5.0	23.872	34.272	23.130	1531.4	23.871	23.130	4.84	4.02
10.0	23.876	34.273	23.129	1531.5	23.874	23.130	4.84	4.07
15.0	23.812	34.262	23.140	1531.4	23.808	23.141	4.84	4.14
20.0	22.814	34.158	23.350	1528.8	22.810	23.351	4.93	4.19
25.0	22.129	34.122	23.516	1527.1	22.124	23.517	4.99	4.25
30.0	21.802	34.090	23.583	1526.3	21.796	23.584	5.02	4.37
40.0	21.606	34.088	23.636	1525.9	21.598	23.638	5.04	4.35
50.0	21.302	34.056	23.695	1525.2	21.292	23.697	5.07	4.26
75.0	19.992	34.534	24.410	1522.7	19.978	24.414	5.18	3.93
100.0	18.445	34.675	24.914	1518.8	18.427	24.919	5.33	3.64
125.0	16.766	34.635	25.290	1514.2	16.746	25.295	5.50	3.68
150.0	15.119	34.552	25.601	1509.4	15.096	25.606	5.69	3.48
200.0	12.587	34.449	26.048	1501.8	12.560	26.054	6.00	3.20
250.0	10.890	34.365	26.301	1496.6	10.860	26.306	6.22	3.03
300.0	9.726	34.318	26.466	1493.1	9.691	26.472	6.38	2.78
400.0	6.821	34.130	26.758	1483.5	6.784	26.763	6.83	2.57
500.0	5.556	34.085	26.885	1480.0	5.514	26.890	7.04	2.16
600.0	4.833	34.165	27.032	1478.7	4.785	27.037	7.16	1.59
700.0	3.617	34.166	27.161	1475.3	3.568	27.166	7.37	0.96
800.0	3.308	34.204	27.221	1475.6	3.253	27.226	7.43	0.68
802.7	3.306	34.204	27.222	1475.7	3.251	27.227	7.43	0.69

STATION - 7 SY9710 20 DEPTH - 003310 M
DATE - 1997/10/20 POSITION LAT. - 35°00.29 N
TIME - 17:03 LONG. - 141°19.93 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	24.150	33.813	22.701	1531.4	24.150	22.701	4.83	3.62
1.0	24.148	34.074	22.899	1531.8	24.147	22.899	4.82	3.60
2.0	24.172	34.201	22.988	1532.0	24.171	22.988	4.82	4.18
3.0	24.177	34.199	22.985	1532.0	24.176	22.985	4.82	4.35
4.0	24.179	34.195	22.981	1532.0	24.178	22.981	4.82	4.39
5.0	24.228	34.217	22.983	1532.2	24.226	22.984	4.81	4.24
10.0	24.174	34.194	22.982	1532.1	24.172	22.983	4.82	4.35
15.0	24.173	34.194	22.982	1532.2	24.169	22.983	4.82	4.34
20.0	24.174	34.199	22.986	1532.3	24.169	22.987	4.82	4.29
25.0	24.156	34.193	22.987	1532.3	24.150	22.988	4.82	4.14
30.0	24.174	34.200	22.986	1532.5	24.167	22.988	4.82	4.10
40.0	23.300	34.186	23.231	1530.4	23.291	23.234	4.89	4.11
50.0	22.306	34.076	23.432	1527.9	22.296	23.435	4.98	4.32
75.0	21.415	34.380	23.910	1526.3	21.401	23.914	5.05	4.06
100.0	18.991	34.570	24.696	1520.3	18.973	24.701	5.28	3.77
125.0	16.936	34.627	25.244	1514.7	16.915	25.249	5.49	3.62
150.0	14.943	34.528	25.621	1508.8	14.921	25.626	5.71	3.45
200.0	12.979	34.467	25.985	1503.1	12.952	25.990	5.95	3.21
250.0	11.779	34.412	26.175	1499.8	11.746	26.181	6.10	3.08
300.0	9.567	34.267	26.452	1492.5	9.533	6.458	6.41	2.99
400.0	6.820	34.079	26.718	1483.4	6.783	26.723	6.83	2.81
500.0	5.178	33.975	26.842	1478.3	5.138	26.847	7.10	2.47
600.0	4.441	34.014	26.956	1476.9	4.396	26.960	7.23	1.80
700.0	4.012	34.109	27.076	1476.9	3.961	27.081	7.30	1.21
800.0	3.443	34.212	27.215	1476.2	3.387	27.221	7.40	0.81
801.8	3.436	34.215	27.218	1476.2	3.380	27.223	7.40	0.80

STATION - 8 SY9710 20 DEPTH - 002981 M
DATE - 1997/10/20 POSITION LAT. - 35°00.39 N
TIME - 18:18 LONG. - 141°30.09 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	24.145	34.185	22.983	1531.9	24.145	22.983	4.82	3.37
1.0	24.141	34.186	22.986	1531.9	24.140	22.986	4.82	3.11
2.0	24.175	34.177	22.968	1532.0	24.175	22.968	4.82	3.79
3.0	24.172	34.176	22.969	1532.0	24.171	22.969	4.82	3.89
4.0	24.181	34.179	22.968	1532.0	24.180	22.968	4.82	3.90
5.0	24.213	34.176	22.957	1532.1	24.211	22.957	4.81	3.93
10.0	24.178	34.178	22.968	1532.1	24.176	22.969	4.82	3.87
15.0	24.179	34.177	22.967	1532.2	24.175	22.968	4.82	4.02
20.0	24.179	34.176	22.967	1532.3	24.175	22.968	4.82	4.00
25.0	24.179	34.177	22.967	1532.4	24.174	22.969	4.82	3.96
30.0	24.178	34.177	22.968	1532.4	24.171	22.970	4.82	4.03
40.0	24.142	34.178	22.979	1532.5	24.134	22.981	4.82	4.03
50.0	22.615	34.151	23.401	1528.8	22.605	23.404	4.95	4.04
75.0	20.773	34.288	24.015	1524.5	20.758	24.019	5.11	4.10
100.0	18.328	34.552	24.849	1518.4	18.310	24.853	5.34	3.66
125.0	16.448	34.537	25.289	1513.1	16.428	25.294	5.54	3.50
150.0	14.226	34.527	25.775	1506.5	14.204	25.779	5.79	3.45
200.0	12.567	34.452	26.055	1501.7	12.540	26.060	6.00	3.19
250.0	10.592	34.337	26.332	1495.5	10.562	26.337	6.26	3.04
300.0	8.977	34.211	26.505	1490.2	8.944	26.510	6.49	3.02
400.0	6.228	34.021	26.750	1481.0	6.193	26.755	6.93	2.86
500.0	6.299	34.192	26.876	1483.1	6.254	26.882	6.91	2.23
600.0	5.040	34.202	27.038	1479.6	4.991	27.044	7.12	1.69
700.0	4.509	34.251	27.137	1479.1	4.455	27.143	7.21	1.40
800.0	3.580	34.246	27.228	1476.8	3.524	27.234	7.37	0.94
805.9	3.556	34.248	27.232	1476.8	3.499	27.238	7.38	0.91

STATION - 9 SY9710 20 DEPTH - 002895 M
DATE - 1997/10/20 POSITION LAT. - 35°00.28 N
TIME - 19:25 LONG. - 141°40.34 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	23.886	33.264	22.363	1530.0	23.886	22.363	4.87	3.00
1.0	23.851	33.447	22.512	1530.2	23.850	22.512	4.86	3.02
2.0	23.854	34.147	23.040	1531.1	23.854	23.041	4.84	3.53
3.0	23.871	34.137	23.028	1531.2	23.870	23.028	4.84	3.91
4.0	23.899	34.139	23.022	1531.3	23.898	23.022	4.84	3.98
5.0	23.886	34.137	23.023	1531.3	23.885	23.023	4.84	4.00
10.0	23.867	34.135	23.028	1531.3	23.864	23.028	4.84	3.95
15.0	23.856	34.135	23.030	1531.3	23.853	23.031	4.84	4.04
20.0	23.768	34.116	23.042	1531.2	23.763	23.043	4.85	4.09
25.0	23.643	34.103	23.069	1530.9	23.637	23.071	4.86	4.15
30.0	23.250	34.096	23.178	1530.0	23.243	23.179	4.90	4.16
40.0	22.563	34.165	23.426	1528.5	22.555	23.429	4.95	4.18
50.0	22.033	34.236	23.630	1527.4	22.023	23.633	5.00	4.15
75.0	20.915	34.276	23.967	1524.9	20.901	23.971	5.10	4.20
100.0	17.359	34.509	25.053	1515.5	17.342	25.057	5.44	3.65
125.0	15.683	34.563	25.484	1510.8	15.663	25.488	5.62	3.54
150.0	14.335	34.535	25.758	1506.9	14.313	25.762	5.78	3.48
200.0	12.546	34.444	26.053	1501.6	12.519	26.058	6.00	3.25
250.0	11.169	34.371	26.256	1497.6	11.138	26.262	6.18	3.10
300.0	9.245	34.217	26.466	1491.2	9.212	26.471	6.46	3.18
400.0	7.492	34.170	26.696	1486.2	7.453	26.702	6.72	2.76
500.0	6.315	34.203	26.883	1483.2	6.270	26.889	6.90	2.14
600.0	4.903	34.190	27.044	1479.1	4.855	27.050	7.14	1.61
700.0	3.702	34.181	27.165	14757	3.652	27.170	7.36	0.95
800.0	3.446	34.254	27.248	1476.3	3.390	27.253	7.40	0.84
803.7	3.374	34.243	27.246	1476.0	3.318	27.252	7.41	0.83

STATION - 10 SY9710 20 DEPTH - 005425 M
DATE - 1997/10/20 POSITION LAT. - 35°10.22 N
TIME - 21:01 LONG. - 141°40.17 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	22.233	34.228	23.568	1527.1	22.233	23.568	4.98	3.50
1.0	22.235	34.228	23.567	1527.1	22.234	23.567	4.98	3.64
2.0	22.243	34.224	23.562	1527.1	22.243	23.562	4.98	4.11
3.0	22.246	34.221	23.559	1527.2	22.245	23.559	4.98	4.13
4.0	22.248	34.223	23.560	1527.2	22.247	23.560	4.98	4.12
5.0	22.247	34.224	23.560	1527.2	22.246	23.561	4.98	4.14
10.0	22.248	34.223	23.560	1527.3	22.246	23.560	4.98	4.09
15.0	22.250	34.224	23.560	1527.4	22.247	23.561	4.98	4.12
20.0	22.248	34.223	23.560	1527.4	22.244	23.561	4.98	4.17
25.0	22.248	34.224	23.560	1527.5	22.243	23.562	4.98	4.21
30.0	22.219	34.223	23.568	1527.5	22.213	23.569	4.98	4.22
40.0	22.167	34.222	23.581	1527.6	22.159	23.584	4.99	4.21
50.0	22.142	34.221	23.588	1527.6	22.132	23.590	4.99	4.26
75.0	20.547	34.338	24.113	1523.9	20.532	24.117	5.13	3.85
100.0	17.087	34.471	25.088	1514.6	17.070	25.092	5.47	3.74
125.0	13.511	34.444	25.860	1503.7	13.493	25.863	5.88	3.41
150.0	12.216	34.401	26.083	1499.7	12.196	26.087	6.05	3.31
200.0	10.484	34.319	26.338	1494.3	10.460	26.342	6.28	3.10
250.0	9.362	34.252	26.474	1490.9	9.334	26.479	6.44	3.01
300.0	8.042	34.150	26.600	1486.6	8.012	26.605	6.64	2.97
400.0	6.162	34.071	26.798	1480.8	6.127	26.802	6.94	2.55
500.0	5.586	34.149	26.931	1480.2	5.544	26.936	7.03	2.00
600.0	4.464	34.156	27.066	1477.2	4.419	27.071	7.22	1.45
700.0	3.716	34.216	27.191	1475.8	3.667	27.196	7.35	1.01
800.0	3.331	34.244	27.251	1475.8	3.276	27.256	7.42	0.73
802.6	3.323	34.246	27.253	1475.8	3.268	27.258	7.42	0.74

STATION - 11 SY9710 20 DEPTH - 002116 M
DATE - 1997/10/20 POSITION LAT. - 35°20.00 N
TIME - 22:27 LONG. - 141°40.17 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	22.395	33.899	23.272	1527.1	22.395	23.272	4.98	3.71
1.0	22.399	34.093	23.418	1527.4	22.399	23.418	4.97	3.97
2.0	22.424	34.232	23.517	1527.6	22.424	23.517	4.96	4.18
3.0	22.410	34.230	23.520	1527.6	22.409	23.520	4.97	4.17
4.0	22.399	34.232	23.524	1527.6	22.398	23.525	4.97	4.17
5.0	22.396	34.233	23.526	1527.6	22.395	23.526	4.97	4.15
10.0	22.403	34.232	23.523	1527.7	22.401	23.523	4.97	4.20
15.0	22.404	34.233	23.523	1527.8	22.401	23.524	4.97	4.21
20.0	22.319	34.241	23.553	1527.7	22.315	23.555	4.97	4.26
25.0	22.173	34.239	23.593	1527.4	22.168	23.594	4.99	4.33
30.0	22.134	34.264	23.623	1527.4	22.128	23.625	4.99	4.24
40.0	21.882	34.300	23.720	1526.9	21.874	23.722	5.01	4.19
50.0	19.848	34.482	24.408	1521.8	19.838	24.410	5.20	3.85
75.0	17.973	34.591	24.966	1517.0	17.960	24.969	5.38	3.63
100.0	15.776	34.596	25.489	1510.7	15.760	25.492	5.61	3.60
125.0	14.855	34.572	25.675	1508.2	14.836	25.679	5.72	3.45
150.0	13.524	34.501	25.901	1504.2	13.503	25.905	5.88	3.47
200.0	11.084	34.365	26.267	1496.5	11.059	26.271	6.19	3.16
250.0	9.843	34.302	26.434	1492.8	9.814	26.439	6.37	2.91
300.0	7.975	34.113	26.581	1486.3	7.945	26.586	6.65	3.21
400.0	6.659	34.139	26.787	1482.9	6.622	26.792	6.85	2.51
500.0	5.689	34.203	26.961	1480.7	5.647	26.967	7.01	1.95
600.0	4.492	34.150	27.058	1477.3	4.446	27.063	7.22	1.49
700.0	4.076	34.202	27.143	1477.3	4.025	27.149	7.29	1.24
800.0	3.245	34.256	27.268	1475.4	3.190	27.273	7.44	0.72
802.0	3.236	34.264	27.276	1475.4	3.181	27.281	7.44	0.73

STATION - 12 SY9710 20 DEPTH - 001525 M
DATE - 1997/10/20 POSITION LAT. - 35°30.07 N
TIME - 23:52 LONG. - 141°40.20 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	22.477	34.197	23.475	1527.7	22.477	23.475	4.96	3.41
1.0	22.476	34.199	23.477	1527.7	22.475	23.477	4.96	3.40
2.0	22.505	34.206	23.474	1527.8	22.505	23.474	4.96	4.01
3.0	22.502	34.207	23.476	1527.8	22.501	23.476	4.96	4.05
4.0	22.514	34.207	23.472	1527.9	22.513	23.473	4.96	4.05
5.0	22.513	34.204	23.471	1527.9	22.512	23.471	4.96	4.07
10.0	22.510	34.205	23.473	1527.9	22.508	23.473	4.96	4.11
15.0	22.509	34.204	23.472	1528.0	22.506	23.473	4.96	4.13
20.0	22.507	34.205	23.473	1528.1	22.503	23.474	4.96	4.17
25.0	22.505	34.203	23.472	1528.2	22.500	23.474	4.96	4.22
30.0	22.512	34.205	23.472	1528.3	22.506	23.474	4.96	4.24
40.0	21.962	34.269	23.675	1527.1	21.954	23.677	5.00	4.05
50.0	21.129	34.397	24.001	1525.2	21.119	24.004	5.08	3.85
75.0	17.936	34.575	24.963	1516.8	17.923	24.966	5.38	3.71
100.0	16.325	34.613	25.376	1512.5	16.309	25.380	5.55	3.65
125.0	14.580	34.553	25.719	1507.3	14.562	25.723	5.75	3.53
150.0	13.079	34.466	25.964	1502.7	13.058	25.968	5.93	3.36
200.0	11.589	34.389	26.192	1498.3	11.563	26.197	6.13	3.17
250.0	10.149	34.316	26.393	1493.9	10.120	26.398	632	2.97
300.0	8.010	34.189	26.636	1486.6	7.980	26.641	6.64	2.95
400.0	6.696	34.222	26.847	1483.1	6.659	26.852	6.84	2.22
500.0	4.658	34.111	27.009	1476.3	4.619	27.013	7.19	1.70
600.0	3.985	34.138	27.102	1475.2	3.941	27.106	7.31	1.18
700.0	3.783	34.194	27.167	1476.0	3.733	27.172	7.34	0.97
800.0	3.445	34.280	27.269	1476.3	3.389	27.274	7.40	0.97
802.8	3.432	34.280	27.270	1476.3	3.376	27.275	7.40	0.90

STATION -13 SY9710 21 DEPTH - 002611 M
DATE - 1997/10/21 POSITION LAT. - 35°40.00 N
TIME - 01:20 LONG. - 141°40.00 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	22.195	34.206	23.561	1527.0	22.195	23.561	4.99	3.45
1.0	22.190	34.216	23.571	1527.0	22.189	23.571	4.99	3.61
2.0	22.206	34.211	23.563	1527.0	22.205	23.56	4.98	4.14
3.0	22.208	34.210	23.561	152.1	22.207	23.561	4.98	4.20
4.0	22.206	34.211	23.562	1527.1	22.205	23.562	4.98	4.20
5.0	22.203	34.211	23.563	1527.1	22.202	23.564	4.99	4.16
10.0	22.214	34.210	23.560	1527.2	22.212	23.560	4.98	4.20
15.0	22.213	34.211	23.560	1527.3	22.210	23.561	4.98	4.16
20.0	22.216	34.209	23.558	1527.3	22.212	23.559	4.98	4.27
25.0	22.217	34.210	23.559	1527.4	22.212	23.560	4.98	4.23
30.0	22.217	34.211	23.559	1527.5	22.211	23.561	4.98	4.25
40.0	22.170	34.224	23.582	1527.6	22.162	23.585	4.99	4.29
50.0	22.035	34.266	23.652	1527.4	22.025	23.654	5.00	4.23
75.0	18.582	34.606	24.827	1518.8	18.568	24.830	5.32	3.74
100.0	15.111	34.566	25614	1508.6	15.096	25.617	5.69	3.61
125.0	13.825	34.511	25.847	1504.8	13.807	25.850	5.84	3.40
150.0	12.797	34.462	26.017	1501.7	12.776	26.021	5.97	3.28
200.0	11.194	34.359	26.242	1496.9	11.169	26.247	6.18	3.20
250.0	9.816	34.301	26.438	1492.7	9.787	26.442	6.37	2.95
300.0	8.071	34.118	26.571	1486.7	8.041	26.576	6.63	3.21
400.0	6.212	34.236	26.922	1481.2	6.176	26.927	6.92	2.01
500.0	4.086	34.076	27.043	1473.9	4.050	27.046	7.29	1.42
600.0	3.619	34.121	27.125	1473.6	3.577	27.129	7.37	0.93
700.0	3.433	34.161	27.175	1474.5	3.385	27.179	7.41	0.6
800.0	3.355	34.206	27.219	1475.8	3.300	27.224	7.42	0.70
802.7	3.364	34.211	27.221	1475.9	3.309	27.226	7.42	0.71

STATION -14 SY9710 21 DEPTH - 002837 M
DATE - 1997/10/21 POSITION LAT. - 35°49.84 N
TIME - 02:45 LONG. - 141°39.89 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.558	34.141	23.689	1525.2	21.558	23.689	5.05	3.76
1.0	21.559	34.141	23.689	1525.2	21.558	23.689	5.05	3.83
2.0	21.578	34.139	23.682	1525.3	21.577	23.682	5.04	4.13
3.0	21.589	34.134	23.675	1525.3	21.588	23.676	5.04	4.13
4.0	21.580	34.137	23.680	1525.3	21.579	23.681	5.04	4.14
5.0	21.561	34.137	23.685	1525.3	21.560	23.685	5.04	4.18
10.0	21.544	34.134	23.688	1525.3	21.542	23.688	5.05	4.23
15.0	21.493	34.126	23.696	1525.3	21.490	23.697	5.05	4.27
20.0	21.446	34.125	23.708	1525.2	21.442	23.709	5.06	4.30
25.0	21.395	34.133	23.728	1525.2	21.390	23.730	5.06	4.29
30.0	21.323	34.129	23.745	1525.1	21.317	23.746	5.07	4.27
40.0	20.814	34.054	23.826	1523.7	20.806	23.828	5.12	4.31
50.0	20.412	34.569	24.325	1523.5	20.403	24.328	5.14	3.88
75.0	17.292	34.674	25.195	1515.1	17.280	25.198	5.45	3.71
100.0	14.797	34.577	25.691	1507.6	14.72	25.694	5.73	3.55
125.0	3.921	34.519	25.832	1505.1	13.903	25.836	5.83	3.39
150.0	12.822	34.464	26.014	1501.8	12.801	26.018	5.97	3.35
200.0	10.522	34.291	26.309	1494.4	10.498	26.313	6.27	3.37
250.0	9.341	34.223	26.456	1490.8	9.313	26.460	6.44	3.16
300.0	7.973	34.156	26.615	1486.4	7.943	26.620	6.65	2.92
400.0	6.431	34.168	26.840	1482.0	6.395	26.845	6.89	2.33
500.0	5.406	34.219	27.09	1479.6	5.365	27.014	7.05	1.77
600.0	4.304	34.199	27.117	1476.6	4.259	27.122	7.25	1.31
700.0	3.486	34.178	27.184	1474.7	3.438	27.188	7.40	0.82
800.0	3.375	34.239	27.243	1476.0	3.319	27.248	7.41	0.77
801.0	3.370	34.240	27.244	1476.0	3.315	27.249	7.41	0.77

STATION -15 SY9710 21 DEPTH - 002486 M
DATE - 1997/10/21 POSITION LAT. - 35°59.74 N
TIME - 04:09 LONG. - 141°40.02 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.675	34.191	23.695	1525.6	21.675	23.695	5.03	2.94
1.0	21.673	34.19	23.697	1525.6	21.672	23.697	5.03	2.93
2.0	21.699	34.176	23.677	1525.7	21.698	23.677	5.03	3.99
3.0	21.702	34.177	23.677	1525.7	21.701	23.677	5.03	4.08
4.0	21.708	34.179	23.677	1525.7	21.707	23.677	5.03	4.07
5.0	21.714	34.180	23.676	1525.8	21.713	23.676	5.03	4.06
10.0	21.708	34.180	23.677	1525.8	21.706	23.678	5.03	4.15
15.0	21.673	34.168	23.678	1525.8	21.670	23.679	5.03	4.21
20.0	21.543	34.130	23.65	1525.5	21.539	23.686	5.05	4.29
25.0	21.362	34.103	23.714	1525.0	21.357	23.715	5.06	4.19
30.0	21.253	34.085	23.730	1524.8	21.247	23.732	5.07	4.31
40.0	20.495	33.921	23.810	1522.7	20.488	23.812	5.15	4.40
50.0	19.114	34.218	24.396	1519.4	19.105	24.398	5.28	4.08
75.0	17.415	34.621	25.125	1515.4	17.403	25.128	5.44	3.59
100.0	15.741	34.616	25.512	1510.7	15.725	25.15	5.62	3.59
125.0	14.147	34.532	25.796	1505.9	14.129	25.799	5.80	3.52
150.0	13.033	34.475	25.980	1502.5	13.013	25.984	5.94	3.37
200.0	10.869	34.313	26.265	1495.7	10.845	26.269	6.23	3.40
250.0	9.851	34.300	26.431	1492.8	9.822	26.436	6.37	3.08
300.0	7.289	34.063	26.641	1483.6	7.260	26.645	6.76	3.10
400.0	5.666	34.062	26.853	1478.8	5.633	26.857	7.02	2.38
500.0	4.836	34.131	27.005	1477.1	4.797	27.009	7.16	1.72
600.0	4.762	34.236	27.096	1478.6	4.715	27.102	7.16	1.51
700.0	4.148	34.268	27.188	1477.7	4.096	27.194	7.27	1.25
800.0	3.741	34.320	27.272	1477.6	3.684	27.277	7.34	1.16
805.6	3.721	34.324	27.277	1477.7	3.663	27.282	7.35	1.15

STATION -16 SY9710 21 DEPTH - 001680 M
DATE - 1997/10/21 POSITION LAT. - 36°09.69 N
TIME - 05:31 LONG. - 141°40.37 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.245	34.132	23.768	1524.4	21.245	23.768	5.07	4.15
1.0	21.248	34.127	23.764	1524.4	21.248	23.764	5.07	4.13
2.0	21.262	34.130	23.762	1524.4	21.262	23.762	5.07	4.14
3.0	21.304	34.138	23.756	1524.6	21.303	23.757	5.07	4.14
4.0	21.313	34.128	23.746	1524.6	21.312	23.747	5.07	4.12
5.0	21.283	34.130	23.757	1524.5	21.282	23.757	5.07	4.06
10.0	21.266	34.131	23.761	1524.6	21.264	23.62	5.07	4.16
15.0	21.265	34.131	23.762	1524.7	21.262	23.762	5.07	4.16
20.0	21.145	4.096	23.768	1524.4	21.141	23.769	5.08	4.25
25.0	21.095	34.080	23.770	1524.3	21.090	23.771	5.09	4.23
30.0	21.038	34.071	23.778	1524.2	21.032	23.780	5.10	4.18
40.0	20.682	33.997	23.818	1523.3	20.675	23.820	5.13	4.30
50.0	19.979	33.867	23.905	1521.4	19.970	23.907	5.20	4.31
75.0	17.539	34.326	24.869	1515.4	17.526	24.872	5.43	3.79
100.0	15.850	34.586	25.464	1511.0	15.834	25.468	5.61	3.38
125.0	14.149	34.532	25.795	1505.9	14.130	25.799	5.80	3.35
150.0	12.711	34.450	26.025	1501.4	12.690	26.029	5.98	3.23
200.0	10.829	34.350	26.300	1495.6	10.805	26.305	6.23	3.03
250.0	9.031	34.172	26.465	1489.6	9.004	26.469	6.49	3.30
300.0	7.674	34.087	26.605	1485.1	7.644	26.609	6.70	3.17
400.0	5.618	34.061	26.858	1478.6	5.585	26.862	7.03	2.40
500.0	4.958	34.112	26.976	1477.6	4918	26.980	7.14	1.81
600.0	4.414	34.234	27.133	1477.1	4.369	27.138	7.23	1.36
700.0	3.982	34.263	27.202	1477.0	3.931	27.207	7.30	1.16
800.0	3.719	34.312	27.268	1477.5	3.662	27.273	7.35	1.11
802.9	3.688	34.313	27.271	1477.5	3.630	27.277	7.35	1.09

STATION - 17 SY9710 21 DEPTH - 001730 M
DATE - 1997/10/21 POSITION LAT. - 36°19.53 N
TIME - 07:01 LONG. - 141°40.24 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	20.784	34.026	23.812	1523.0	20.784	23.812	5.12	4.44
1.0	20.780	34.028	23.815	1523.0	20.779	23.815	5.12	4.51
2.0	20.797	34.026	23.808	1523.1	20.796	23.809	5.12	4.31
3.0	20.815	34.031	23.808	1523.1	20.814	23.808	5.12	4.25
4.0	20.823	34.031	23.806	1523.2	20.822	23.806	5.12	4.24
5.0	20.818	34.029	23.805	1523.2	20.817	23.805	5.12	4.21
10.0	20.771	34.014	23.807	1523.1	20.769	23.807	5.12	4.25
15.0	20.780	34.018	23.807	1523.2	20.777	23.808	5.12	4.30
20.0	20.753	34.010	23.808	1523.2	20.749	23.809	5.12	4.32
25.0	20.677	33.985	23.810	1523.0	20.672	23.811	5.13	4.35
30.0	20.621	33.970	23.813	1523.0	20.615	23.815	5.14	4.33
40.0	20.246	33.871	23.837	1522.0	20.239	23.839	5.18	4.39
50.0	19.537	33.769	23.945	1520.0	19.528	23.947	5.25	4.40
75.0	17.763	34.433	24.897	1516.2	17.750	24.900	5.41	3.71
100.0	14.770	34.535	25.665	1507.5	14.755	25.668	5.73	3.90
125.0	13.808	34.508	25.848	1504.7	13.790	25.851	5.84	3.44
150.0	12.308	34.435	26.092	1500.0	12.288	26.095	6.03	3.28
200.0	9.709	34.21	26.393	1491.4	9.686	26.396	6.39	3.37
250.0	8.005	34.143	26.600	1485.7	7.980	26.604	6.64	3.08
300.0	7.344	34.157	26.707	1484.0	7.315	26.711	6.74	2.69
400.0	5.824	34.102	26.866	1479.5	5.790	26.870	6.99	2.30
500.0	5.478	34.228	27.007	1479.9	5.437	27.012	7.04	1.77
600.0	5.164	34.252	27.063	1480.2	5.115	27.069	7.09	1.61
700.0	4.158	34.236	27.162	1477.7	4.106	27.168	7.27	1.29
800.0	3.923	34.304	27.240	1478.4	3.864	27.246	7.31	1.19
802.8	3.912	34.305	27.243	1478.4	3.853	27.249	7.31	1.19

STATION - 18 SY9710 21 DEPTH - 001999 M
DATE - 1997/10/21 POSITION LAT. - 36°30.43 N
TIME - 08:27 LONG. - 141°40.06 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oy (ml/L)
0.0	21.215	34.155	23.794	1524.3	21.215	23.794	5.08	4.55
1.0	21.197	34.166	23.807	1524.3	21.196	23.807	5.08	4.46
2.0	21.182	34.170	23.814	1524.3	21.182	23.814	5.08	4.39
3.0	21.181	34.170	23.814	1524.3	21.180	23.814	5.08	4.41
4.0	21.173	34.168	23.816	15243	21.172	23.816	5.08	4.39
5.0	21.167	34.170	23.818	1524.3	21.166	23.819	5.08	4.38
10.0	21.152	34.167	23.820	1524.3	21.150	23.820	5.08	4.31
15.0	21.153	34.168	23.821	1524.4	21.150	23.821	5.08	4.39
20.0	21.157	34.170	23.821	1524.5	21.153	23.822	5.08	4.36
25.0	21.167	34.172	23.820	1524.6	21.162	23.822	5.08	4.37
30.0	21.168	34.174	23.821	1524.7	21.162	23.823	5.08	4.36
40.0	19.355	34.316	24.409	1520.0	19347	24.411	5.25	4.48
50.0	16.705	34.108	24.900	1512.2	16.697	24.902	5.53	4.13
75.0	14.629	34.297	25.511	1506.3	14.617	25.513	5.75	4.25
100.0	14.400	34.522	25.734	1506.3	14.385	25.737	5.77	3.64
125.0	12.346	34.394	26.053	1499.7	12.329	26.056	6.03	3.78
150.0	11.531	34.370	26.188	1497.3	11.512	26.191	6.14	3.33
200.0	9.140	34.091	26.385	1489.1	9.118	26.388	6.48	3.34
250.0	7.430	33.866	26.466	1483.1	7.406	26.469	6.74	3.88
300.0	5.398	33.744	26.633	1475.6	5.374	26.636	7.08	4.11
400.0	3.486	33.726	26.824	1469.2	3.459	26.826	7.42	2.84
500.0	3.939	33.953	26.960	1473.1	3.904	26.963	7.32	1.75
600.0	4.005	34.115	27.082	1475.2	3.961	27.086	7.30	1.25
700.0	3.419	34.170	27.184	1474.4	3.371	27.188	7.41	0.78
800.0	3.531	34.256	27.241	1476.7	3.474	27.246	7.38	0.87
801.7	3.486	34.246	27.238	1476.5	3.430	27.243	7.39	0.86

STATION - 19 SY9710 21 DEPTH - 001520 M
DATE - 1997/10/21 POSITION LAT. - 36°40.28 N
TIME - 09:52 LONG. - 141°40.30 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	18.738	33.619	24.033	1516.7	18.738	24.033	5.33	4.74
1.0	18.731	33.634	24.046	1516.7	18.731	24.046	5.33	4.73
2.0	18.722	33.696	24.096	1516.8	18.722	24.096	5.33	4.91
3.0	18.783	33.700	24.084	1517.0	18.783	24.084	5.32	4.87
4.0	18.653	33.695	24.11	1516.6	18.652	24.112	5.34	4.81
5.0	18.714	33.706	24.106	1516.9	18.713	24.106	5.33	4.84
10.0	18.296	33.644	24.162	1515.6	18.294	24.162	5.38	4.92
15.0	18.077	33.656	24.225	1515.1	18.074	24.225	5.40	4.92
20.0	17.953	33.658	24.257	1514.8	17.949	24.258	5.41	4.79
25.0	17.844	33.656	24.282	1514.6	17.840	24.283	5.42	4.87
30.0	17.830	33.668	24.295	1514.6	17.825	24.296	5.42	4.78
40.0	17.774	33.670	24.310	1514.6	17.767	24.311	5.43	4.77
50.0	17.715	33.666	24.321	1514.6	17.706	24.323	5.44	4.73
75.0	15.068	34.306	25.423	1507.7	15.057	25.425	5.70	4.47
100.0	11.929	34.039	25.857	1497.4	11.916	25.859	6.10	4.29
125.0	12.165	34.367	26.066	1499.1	12.148	26.069	6.05	3.87
150.0	10.945	34.245	26.198	1495.0	10.926	26.201	6.22	3.30
200.0	5.529	33.545	26.461	1474.3	5.513	26.463	7.07	5.20
250.0	5.528	33.656	26.548	1475.2	5.508	26.551	7.06	4.86
300.0	3.580	33.562	26.684	1467.8	3.560	26.686	7.41	4.38
400.0	4.389	33.844	26.826	1473.2	4.359	26.829	7.25	2.81
500.0	4.101	33.995	26.976	1473.8	4.065	26.980	7.29	1.75
600.0	3.511	34.107	27.125	1473.1	3.470	27.129	7.39	0.95
700.0	3.328	34.164	27.187	1474.0	3.281	27.192	7.43	0.69
800.0	3.224	34.217	27.239	1475.3	3.170	27.245	7.44	0.64
804.6	3.216	34.218	27.241	1475.3	3.162	27.246	7.44	0.64

STATION - 20 SY9710 21 DEPTH - 000819 M
DATE - 1997/10/21 POSITION LAT. - 36°49.98 N
TIME - 11:10 LONG. - 141°40.20 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	18.665	33.741	24.145	1516.7	18.665	24.145	5.34	4.84
1.0	18.641	33.760	24.165	1516.7	18.640	24.165	5.34	4.80
2.0	18.603	33.785	24.194	1516.6	18.602	24.194	5.34	4.73
3.0	18.593	33.787	24.198	1516.6	18.592	24.198	5.34	4.66
4.0	18.588	33.783	24.196	1516.6	18.587	24.196	5.34	4.71
5.0	18.597	33.778	24.190	1516.6	18.596	24.190	5.34	4.70
10.0	18.510	33.808	24.235	1516.5	18.508	24.235	5.35	4.66
15.0	18.504	33.830	24.253	1516.6	18.501	24.254	5.35	4.73
20.0	18.497	33.832	24.256	1516.6	18.493	24.257	5.35	4.73
25.0	18.353	33.796	24.264	1516.3	18.349	24.266	5.36	4.79
30.0	18.419	33.880	24.312	1516.6	18.413	24.313	5.36	4.74
40.0	18.346	33.903	24.348	1516.6	18.339	24.350	5.36	4.66
50.0	16.737	33.960	24.779	1512.1	16.728	24.781	5.53	4.86
75.0	12.196	34.063	25.825	1497.9	12.186	25.827	6.06	4.89
100.0	11.311	34.143	26.052	1495.4	11.298	26.055	6.17	4.36
125.0	10.502	34.162	26.212	1492.9	10.487	26.214	6.28	4.06
150.0	10.149	34.185	26.291	1492.1	10.131	26.294	6.33	3.85
200.0	7.344	33.854	26.469	1481.9	7.325	26.472	6.76	4.70
250.0	5.027	33.629	26.585	1473.1	5.008	26.587	7.15	5.11
300.0	5.312	33.834	26.715	1475.4	5.288	26.718	7.09	3.58
400.0	3.639	33.773	26.846	1470.0	3.612	26.848	7.39	2.84
500.0	3.557	33.953	26.997	1471.5	3.523	27.000	7.39	1.47
600.0	3.491	34.126	27.141	1473.1	3.450	27.145	7.40	0.88
700.0	3.376	34.175	27.192	1474.3	3.328	27.196	7.42	0.73
800.0	3.397	34.178	27.192	1476.0	3.341	27.197	7.41	0.73
800.0	3.397	34.178	27.192	1476.0	3.341	27.197	7.41	0.73

STATION - 21 SY9710 21 DEPTH - 000525 M
DATE - 1997/10/21 POSITION LAT. - 36°59.89 N
TIME - 12:28 LONG. - 141°39.93 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	18.688	33.650	24.069	1516.6	18.688	24.069	5.34	3.40
1.0	18.689	33.651	24.070	1516.6	18.689	24.070	5.34	3.38
2.0	18.461	33.694	24.159	1516.1	18.461	24.159	5.36	4.69
3.0	18.202	33.702	24.230	1515.3	18.202	24.230	5.38	4.89
4.0	18.029	33.707	24.276	1514.8	18.028	24.276	5.40	4.92
5.0	18.017	33.710	24.281	1514.8	18.016	24.282	5.40	4.93
10.0	17.846	33.693	24.310	1514.4	17.844	24.310	5.42	4.86
15.0	17.819	33.700	24.322	1514.4	17.817	24.322	5.42	4.92
20.0	17.773	33.699	24.332	1514.3	17.769	24.333	5.43	4.84
25.0	18.121	33.832	24.349	1515.6	18.117	24.350	5.39	4.81
30.0	18.006	33.907	24.434	1515.5	18.001	24.436	5.40	4.79
40.0	15.859	33.934	24.961	1509.2	15.853	24.962	5.63	4.86
50.0	14.755	34.034	25.281	1506.0	14.747	25.283	5.75	4.80
75.0	12.193	34.104	25.857	1498.0	12.183	25.859	6.06	4.70
100.0	11.196	34.151	26.079	1495.0	1.184	26.082	6.19	4.23
125.0	10.397	34.194	26.255	1492.6	10.382	26.257	6.29	3.92
150.0	9.042	34.079	26.390	1487.9	9.026	26.393	6.49	4.67
200.0	8.269	33.991	26.441	1485.7	8.248	26.445	6.61	4.88
250.0	5.995	33.738	26.556	1477.2	5.974	26.559	6.98	4.96
300.0	4.265	33.588	26.636	1470.7	4.244	26.638	7.28	4.66
400.0	3.957	33.732	26.782	1471.2	3.929	26.785	7.33	3.37
500.0	3.635	33.898	26.946	1471.7	3.601	26.949	7.38	1.78
500.7	3.635	33.898	26.946	1471.7	3.601	26.949	7.38	1.77

STATION - 22 SY9710 21 DEPTH - 000308 M
DATE - 1997/10/21 POSITION LAT. - 36°59.97 N
TIME - 13:39 LONG. - 141°30.19 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	18.871	33.919	24.229	1517.5	18.871	24.229	5.31	4.77
1.0	18.869	33.918	24.229	1517.5	18.869	24.229	5.31	4.72
2.0	18.852	33.933	24.244	1517.5	18.852	24.244	5.31	4.64
3.0	18.669	33.919	24.280	1517.0	18.669	24.280	5.33	4.53
4.0	18.646	33.934	24.297	1517.0	18.645	24.297	5.33	4.58
5.0	18.618	33.936	24.306	1516.9	18.617	24.306	5.33	4.63
10.0	18.366	33.915	24.352	1516.2	18.364	24.352	5.36	4.66
15.0	18.296	33.911	24.366	1516.1	18.293	24.367	5.37	4.68
20.0	18.305	33.969	24.409	1516.3	18.301	24.409	5.36	4.70
25.0	18.103	33.959	24.451	1515.7	18.099	24.452	5.39	4.66
30.0	17.773	33.948	24.523	1514.8	17.767	24.524	5.42	4.60
40.0	17.251	33.978	24.671	1513.5	17.244	24.673	5.47	4.60
50.0	16.381	33.969	24.868	1511.0	16.373	24.870	5.57	4.72
75.0	13.667	34.143	25.594	1503.0	13.657	25.596	5.87	4.54
100.0	11.197	34.027	25.983	1494.8	11.184	25.985	6.19	4.47
125.0	10.460	33.988	26.083	1492.6	10.445	26.086	6.29	4.45
150.0	9.604	33.937	26.188	1489.8	9.587	26.191	6.42	4.50
200.0	6.029	33.610	26.451	1476.4	6.012	26.453	6.98	5.04
250.0	4.426	33.529	26.572	1470.5	4.408	26.574	7.26	5.14
289.8	4.042	33.536	26.617	1469.5	4.022	26.619	7.33	4.76

STATION - 23 SY9710 21 DEPTH - 000159 M
DATE - 1997/10/21 POSITION LAT. - 36°59.95 N
TIME - 14:34 LONG. - 41°20.07 E

DATA TPE = PROCES

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	18.465	33.843	24.272	1516.2	18.465	24.272	5.35	3.94
1.0	18.469	33.837	24.267	1516.3	18.469	24.267	5.35	3.31
2.0	18.465	33.846	24.275	1516.3	18.464	24.275	5.35	3.47
3.0	18.361	33.847	24.301	1516.0	18.360	24.302	5.36	4.52
4.0	18.297	33.847	24.317	1515.8	18.296	24.318	5.37	4.65
5.0	18.201	33.843	24.338	1515.6	18.200	24.338	5.38	4.69
10.0	18.126	33.852	24.364	1515.4	18.124	24.364	5.39	4.68
15.0	18.089	33.854	24.374	1515.4	18.086	24.374	5.39	4.69
20.0	18.039	33.859	24.390	1515.3	18.036	24.391	5.40	4.74
25.0	17.993	33.855	24.398	1515.3	17.988	24.399	5.40	4.69
30.0	17.965	33.858	24.407	1515.3	17.960	24.409	5.40	4.71
40.0	17.927	33.858	24.417	1515.3	17.920	24.419	5.41	4.62
50.0	17.515	33.847	24.507	1514.3	17.507	24.509	5.45	4.67
75.0	14.793	33.775	25.073	1506.1	14.781	25.076	5.75	4.70
100.0	13.061	33.953	25.570	1501.1	13.047	25.573	5.96	4.72
125.0	11.858	33.939	25.793	1497.4	11.842	25.796	6.11	4.61
142.7	10.910	33.974	25.994	1494.4	10.892	25.997	6.23	4.55

STATION - 24 SY9710 21 DEPTH - 000129 M
DATE - 1997/10/21 POSITION LAT. - 37°00.22 N
TIME - 15:25 LONG. - 141°10.09 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	18.290	33.636	24.158	1515.4	18.290	24.158	5.38	3.74
1.0	18.289	33.640	24.161	1515.5	18.289	24.161	5.38	3.82
2.0	18.284	33.654	24.173	1515.5	18.283	24.173	5.38	4.53
3.0	18.138	33.680	24.228	1515.1	18.137	24.229	5.39	4.49
4.0	18.172	33.680	24.220	1515.2	18.171	24.221	5.39	4.55
5.0	18.165	33.675	24.218	1515.2	18.164	24.218	5.39	4.62
10.0	18.125	33.685	24.236	1515.2	18.123	24.236	5.39	4.67
15.0	18.103	33.685	24.241	1515.2	18.100	24.242	5.39	4.71
20.0	18.129	33.673	24.225	1515.4	18.126	24.226	5.39	4.63
25.0	17.875	33.690	24.300	1514.7	17.870	24.301	5.42	4.62
30.0	17.213	33.650	24.429	1512.8	17.208	24.430	5.49	4.64
40.0	15.195	33.702	24.930	1506.8	15.189	24.931	5.71	4.65
50.0	15.063	33.711	24.965	1506.5	15.055	24.967	5.72	4.64
75.0	14.696	33.734	25.062	1505.8	14.685	25.065	5.77	4.58
100.0	13.581	33.805	25.351	1502.6	13.567	25.353	5.90	4.59
116.5	13.420	33.823	25.397	1502.4	13.404	25.401	5.92	4.59

STATION - 25 SY9710 21 DEPTH - 000135 M
DATE - 1997/10/21 POSITION LAT. - 36°50.23 N
TIME - 16:24 LONG. - 141°06.64 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	18.380	33.645	24.142	1515.7	18.380	24.142	5.37	3.68
1.0	18.380	33.647	24.144	1515.7	18.380	24.144	5.37	3.69
2.0	18.290	33.649	24.168	1515.5	18.290	24.168	5.38	4.56
3.0	18.119	33.653	24.212	1515.0	18.119	24.212	5.39	4.67
4.0	18.152	33.682	24.227	1515.2	18.151	24.227	5.39	4.69
5.0	18.238	33.657	24.187	1515.4	18.237	24.187	5.38	4.69
10.0	18.135	33.655	24.210	1515.2	18.133	24.210	5.39	4.76
15.0	18.178	33.675	24.215	1515.4	18.175	24.216	5.39	4.74
20.0	18.037	33.696	24.266	1515.1	18.034	24.266	5.40	4.73
25.0	17.919	33.677	24.280	1514.8	17.915	24.281	5.41	4.69
30.0	17.851	33.671	24.292	1514.7	17.845	24.293	5.42	4.70
40.0	17.731	33.653	24.307	1514.5	17.724	24.309	5.43	4.68
50.0	17.619	33.643	24.327	1514.3	17.611	24.329	5.45	4.66
75.0	16.658	33.572	24.499	1511.7	16.646	24.502	5.55	4.70
100.0	14.931	33.710	24.993	1506.9	14.916	24.997	5.74	4.63
119.8	14.838	33.788	25.073	1507.0	14.820	25.077	5.75	4.49

STATION - 26 SY9710 21 DEPTH - 000130 M
DATE - 1997/10/21 POSITION LAT. - 36°39.66 N
TIME - 22:42 LONG. - 141°03.77 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	20.198	33.981	23.934	1521.3	20.198	23.934	5.18	4.32
1.0	20.197	33.983	23.936	1521.3	20.196	23.936	5.18	4.30
2.0	20.197	33.984	23.936	1521.4	20.196	23.936	5.18	4.46
3.0	20.193	33.983	23.937	1521.4	20.192	23.937	5.18	4.60
4.0	20.193	33.983	23.937	1521.4	20.192	23.937	5.18	4.66
5.0	20.193	33.983	23.937	1521.4	20.192	23.937	5.18	4.68
10.0	20.134	33.977	23.948	1521.3	20.132	23.949	5.18	4.98
15.0	19.351	33.883	24.080	1519.1	19.348	24.080	5.26	5.29
20.0	18.857	33.748	24.102	1517.6	18.854	24.103	5.32	5.48
25.0	18.263	33.625	24.156	1515.8	18.258	24.157	5.38	5.51
30.0	17.874	33.588	24.223	1514.6	17.869	24.224	5.42	5.49
40.0	17.807	33.615	24.259	1514.6	17.800	24.261	5.43	5.17
50.0	17.355	33.554	24.321	1513.4	17.346	24.323	5.48	4.98
75.0	15.501	33.669	24.837	1508.2	15.490	24.839	5.68	4.70
100.0	14.814	33.763	25.060	1506.6	14.799	25.063	5.75	4.59
110.7	14.643	33.760	25.094	1506.2	14.626	25.098	5.77	4.52

STATION - 27 SY9710 21 DEPTH - 000256 M
DATE - 1997/10/21 POSITION LAT. - 36°29.87 N
TIME - 23:49 LONG. - 140°59.70 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	igma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	19.303	33.817	24.042	1518.6	19.303	24.042	5.27	4.53
1.0	19.302	33.820	24.044	1518.6	19.301	24.044	5.27	4.47
2.0	19.296	33.820	24.045	1518.6	19.295	24.045	5.27	4.44
3.0	19.287	33.816	24.044	1518.6	19.287	24.044	5.27	4.47
4.0	19.251	33.799	24.041	1518.5	19.250	24.041	5.27	4.41
5.0	19.204	33793	24.048	1518.4	19.203	24.048	5.28	4.43
10.0	18.800	33.677	24.062	1517.1	18.798	24.062	5.32	4.59
15.0	18.388	33.611	24.114	1515.9	18.385	24.115	5.37	4.64
20.0	18.386	33.616	24.118	1516.0	18.383	24.119	5.37	4.66
25.0	18.205	33.573	24.131	1515.5	18.200	24.132	5.39	4.64
30.0	18.112	33.564	24.146	1515.3	18.107	24.147	5.40	4.65
40.0	18.003	33.561	24.170	1515.1	17.996	24.172	5.41	4.64
50.0	18.007	33.569	24.176	1515.3	17.999	24.178	5.41	4.60
75.0	16.573	33.662	24.588	1511.6	16.561	24.591	5.56	4.59
100.0	14.842	33.764	25.054	1506.7	14.827	25.057	5.75	4.63
125.0	12.611	33.909	25.625	1499.9	12.594	25.628	6.01	4.61
150.0	12.172	34.108	25.864	1499.1	12.153	25.868	6.06	4.31
200.0	9.957	34.134	26.283	1492.1	9.934	26.287	6.36	3.77
232.0	7.732	34.014	26.539	1484.2	7.709	26.542	6.69	3.54

STATION - 28 SY9710 22 DEPTH - 000635 M
DATE - 1997/10/22 POSITION LAT. - 36°30.15 N
TIME - 00:48 LONG. - 141°10.00 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	19.471	33.857	24.029	1519.1	19.471	24.029	5.25	3.70
1.0	19.469	33.860	24.031	1519.1	19.468	24.031	5.25	3.26
2.0	19.472	33.849	4.022	1519.2	19.472	24.03	5.25	4.26
3.0	19.454	33.842	24.021	1519.1	19.453	24.022	5.25	4.40
4.0	19.421	33.836	24.026	1519.0	19.420	24.026	5.26	4.42
5.0	19.386	33.828	24.028	1518.9	19.385	24.029	5.26	4.41
10.0	19.259	33.841	24.071	1518.7	19.257	24.071	5.27	4.49
15.0	19.158	33.830	24.088	1518.5	19.155	24.089	5.28	4.50
20.0	19.166	33.833	24.089	1518.6	19.162	24.089	5.28	4.46
25.0	19.149	33.829	24.090	1518.6	19.145	24.091	5.28	4.51
30.0	19.137	33.827	24.091	1518.6	19.131	24.092	5.29	4.47
40.0	17.871	33.564	24.205	1514.8	17.864	24.207	5.42	4.60
50.0	17.602	33.562	24.268	1514.1	17.594	24.270	5.45	4.59
75.0	16.686	33.685	24.580	1511.9	16.674	24.583	5.54	4.57
100.0	14.505	33.784	25.142	1505.6	14.490	25.145	5.79	4.67
125.0	13.155	34.262	25.791	1502.3	13.137	25.795	5.93	4.06
150.0	9.792	34.069	26.260	1490.7	9.775	26.263	6.38	4.14
200.0	8.737	34.057	26.422	1487.5	8.716	26.425	6.54	3.83
250.0	7.668	34.050	26.577	1484.3	7.643	26.580	6.70	3.55
300.0	5.901	33.833	26.643	1477.8	5.875	26.646	6.99	3.88
400.0	4.882	33.874	26.796	1475.3	4.851	26.799	7.16	2.96
500.0	3.494	33.871	26.939	1471.1	3.460	26.942	7.41	1.85
600.0	3.567	33.971	27.011	1473.2	3.526	27.014	7.39	1.31
620.7	3.567	34.061	27.083	1473.6	3.524	27.087	7.39	1.02

STATION - 29 SY9710 22 DEPTH - 000896 M
DATE - 1997/10/22 POSITION LAT. - 36°30.11 N
TIME - 01:56 LONG. - 141°19.92 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	18.896	33.658	24.023	1517.2	18.896	24.023	5.31	4.77
1.0	18.894	33.653	24.020	1517.2	18.893	24.020	5.31	4.71
2.0	18.894	33.663	24.027	1517.3	18.894	24.027	5.31	4.85
3.0	18.901	33.665	24.027	1517.3	18.901	24.027	5.31	5.01
4.0	18.901	33.664	24.026	1517.3	18.900	24.027	5.31	5.25
5.0	18.908	33.663	24.024	1517.4	18.907	24.025	5.31	5.38
10.0	18.896	33.663	24.027	1517.4	18.894	24.028	5.31	5.91
15.0	18.651	33.656	24.083	1516.8	18.648	24.084	5.34	6.15
20.0	18.617	33.666	24.099	1516.8	18.614	24.100	5.34	4.73
25.0	18.501	33.671	24.132	1516.5	18.496	24.133	5.35	4.69
30.0	18.060	33.646	24.222	1515.3	18.055	24.223	5.40	4.67
40.0	17.513	33.561	24.289	1513.7	17.506	24.291	5.46	4.72
50.0	17.379	33.561	24.321	1513.5	17.370	24.323	5.47	4.73
75.0	16.239	33.718	24.708	1510.6	16.227	24.711	5.59	4.61
100.0	15.697	34.416	25.368	1510.3	15.682	25.372	5.63	3.76
125.0	12.436	34.233	25.910	1499.8	12.419	25.913	6.02	3.95
150.0	9.293	33.917	26.224	1488.6	9.276	26.226	6.46	4.49
200.0	8.433	34.028	26.446	1486.4	8.412	26.449	6.58	3.84
250.0	7.632	34.038	26.572	1484.1	7.607	26.576	6.70	3.62
300.0	7.047	34.043	26.658	1482.6	7.019	26.662	6.79	3.16
400.0	5.044	33.957	26.844	1476.1	5.012	26.847	7.13	2.62
500.0	5.395	34.179	26.978	1479.5	5.354	26.983	7.06	1.85
600.0	3.561	34.040	27.066	1473.2	3.519	27.070	7.39	1.15
700.0	3.488	34.159	27.168	1474.7	3.439	27.173	7.40	0.82
800.0	3.270	34.237	27.251	1475.5	3.215	27.256	7.43	0.68
803.8	3.267	34.238	27.252	1475.6	3.212	27.257	7.43	0.69

STATION - 30 SY9710 22 DEPTH - 001249 M
DATE - 1997/10/22 POSITION LAT. - 36°30.12 N
TIME - 03:09 LONG. - 141°30.22 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	20.892	34.100	23.839	1523.4	20.892	23.839	5.11	3.54
1.0	20.906	34.097	23.833	1523.4	20.906	23.834	5.11	3.63
2.0	20.932	34.086	23.818	1523.5	20.931	23.818	5.10	4.10
3.0	20.944	34.087	23.815	1523.5	20.943	23.816	5.10	4.17
4.0	20.951	34.085	23.812	15236	20.950	23.812	5.10	4.14
5.0	20.962	34.091	23.814	1523.6	20.961	23.814	5.10	4.21
10.0	20.618	33.992	23.831	1522.7	20.616	23.83	5.14	4.21
15.0	19.854	33.819	23.901	1520.4	19.851	23.901	5.21	4.39
20.0	18.971	33.641	23.991	1517.7	18.967	23.992	5.31	4.46
25.0	18.257	33.517	24.074	1515.6	18.252	24.075	5.38	4.67
30.0	18.202	33.513	24.085	1515.5	18.196	24.087	5.39	4.62
40.0	18.752	33.747	24.127	1517.6	18.745	24.129	5.33	4.60
50.0	18.169	33.639	24.190	1515.9	18.160	24.192	5.39	4.63
75.0	17.922	34.436	24.861	1516.6	17.909	24.864	5.39	3.84
100.0	16.016	34.447	25.320	1511.3	16.000	25.323	5.59	3.73
125.0	12.918	34.199	25.789	1501.4	12.901	25.792	5.96	4.18
150.0	11.963	34.257	26.020	1498.6	11.943	26.023	6.08	3.56
200.0	10.264	34.295	26.357	1493.5	10.240	26.361	6.31	3.18
250.0	6.689	33.815	26.527	1480.1	6.667	26.530	6.86	4.13
300.0	5.458	33.729	26.615	1475.8	5.434	26.617	7.07	4.25
400.0	5.593	33.969	26.788	1478.4	5.559	26.792	7.03	2.76
500.0	3.839	33.994	27.002	1472.7	3.804	27.006	7.34	1.54
600.0	3.888	34.120	27.097	1474.7	3.845	27.102	7.32	1.12
700.0	3.348	34.168	27.189	1474.1	3.300	27.194	7.42	0.71
799.8	3.245	34.222	27.242	1475.4	3.190	27.247	7.44	0.63
799.8	3.245	34.222	27.242	1475.4	3.190	27.247	7.44	0.63

STATION - 31 SY9710 22 DEPTH - 001653 M
DATE - 1997/10/22 POSITION LAT. - 36°20.10 N
TIME - 04:36 LONG. - 141°29.83 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.074	34.117	23.803	1523.9	21.074	23.803	5.09	3.28
1.0	21.082	34.120	23.804	1523.9	21.082	23.804	5.09	3.84
2.0	21.090	34.116	23.799	1524.0	21.089	23.799	5.09	4.16
3.0	21.086	34.117	23.800	1524.0	21.085	23.800	5.09	4.22
4.0	21.085	34.117	23.801	1524.0	21.084	23.801	5.09	4.20
5.0	21.086	34.117	23.800	1524.0	21.085	23.800	5.09	4.14
10.0	21.085	34.117	23.800	1524.1	21.083	23.800	5.09	4.27
15.0	21.087	34.117	23.800	1524.2	21.084	23.801	5.09	4.28
20.0	21.086	34.115	23.798	1524.2	21.082	23.799	5.09	4.29
25.0	21.063	34.109	23.800	1524.2	21.058	23.801	5.09	4.24
30.0	21.040	34.095	23.795	1524.2	21.034	23.797	5.09	4.31
40.0	20.981	34.095	23.812	1524.2	20.973	23.814	5.10	4.30
50.0	20.619	34.016	23.849	1523.3	20.609	23.852	5.14	4.31
75.0	17.568	34.504	24.999	1515.7	17.555	25.002	5.42	3.86
100.0	15.822	34.588	25.472	1510.9	15.806	25.475	5.61	3.56
125.0	13.758	34.509	25.859	1504.6	13.740	25.863	5.85	3.45
150.0	12.383	34.411	26.059	1500.3	12.363	26.063	6.02	3.33
200.0	10.096	34.247	26.348	1492.8	10.072	26.352	6.33	3.39
250.0	8.492	34.131	26.518	1487.5	8.466	26.522	6.57	3.77
300.0	5.684	33.838	26.674	1476.9	5.659	26.677	7.03	3.46
400.0	5.279	33.979	26.834	1477.1	5.247	26.837	7.09	2.72
500.0	5.338	34.126	26.943	1479.2	5.297	26.948	7.07	1.99
600.0	4.338	34.137	27.064	1476.7	4.293	27.069	7.24	1.42
700.0	3.593	34.167	27.165	1475.2	3.544	27.169	7.38	0.86
800.0	3.418	34.259	27.255	1476.2	3.362	27.260	7.40	0.82
801.8	3.413	34.258	27.255	476.2	3.357	27.260	7.40	0.82

STATION - 32 SY9710 22 DEPTH - 001550 M
DATE - 1997/10/22 POSITION LAT. - 36°09.80 N
TIME - 06:01 LONG. - 141°29.77 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.298	33.974	23.634	1524.3	21.298	23.634	5.07	4.31
1.0	21.291	34.130	23.754	1524.5	21.290	23.754	5.07	4.30
2.0	21.305	34.179	23.787	1524.6	21.05	23.787	5.07	4.26
3.0	21.318	34.166	23.774	1524.7	21.317	23.774	5.07	4.07
4.0	21.317	34.166	23.774	1524.7	21.316	23.775	5.07	4.04
5.0	21.316	34.166	23.775	1524.7	21.315	23.775	5.07	4.08
10.0	21.321	34.164	23.772	1524.8	21.319	23.772	5.07	4.12
15.0	21.302	34.154	23.770	1524.8	21.299	23.770	5.07	4.22
20.0	21.083	34.104	23.791	1524.2	21.079	23.792	5.09	4.32
25.0	20.952	34.083	23.810	1523.9	20.947	23.812	5.10	4.31
30.0	20.801	34.047	23.824	1523.5	20.795	23.825	5.12	4.33
40.0	19.877	33.865	23.930	1520.9	19.870	23.932	5.21	4.24
50.0	19.363	33.931	24.113	1519.7	19.354	24.115	5.26	4.29
75.0	16.754	34.564	25.239	1513.3	16.742	25.242	5.51	3.70
100.0	14.089	34.431	25.729	1505.2	14.074	25.732	5.81	3.93
125.0	12.776	34.451	26.013	1501.2	12.759	26.016	5.97	3.37
150.0	12.083	34.411	26.117	1499.2	12.064	26.120	6.06	3.26
200.0	10.472	34.319	26.340	1494.3	10.448	26.344	6.28	3.09
250.0	8.803	34.195	26.519	1488.8	8.776	26.523	6.52	3.14
300.0	7.796	34.133	26.623	1485.7	7.766	26.628	6.67	3.00
400.0	5.537	34.033	26.846	1478.2	5.504	26.850	7.04	2.51
500.0	4.954	34.107	26.973	1477.6	4.915	26.977	7.14	1.81
600.0	4.696	34.226	27.096	1478.3	4.649	27.101	7.18	1.52
700.0	4.048	34.251	27.186	1477.2	3.996	27.191	7.29	1.20
800.0	3.765	34.312	27.263	1477.7	3.707	27.269	7.34	1.15
800.9	3.756	34.312	27.264	1477.7	3.698	27.269	7.34	1.14

STATION - 33 SY9710 22 DEPTH - 002012 M
DATE - 1997/10/22 POSITION LAT. - 36°00.01 N
TIME - 07:25 LONG. - 141°30.50 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.127	34.103	23.778	1524.0	21.127	23.778	5.09	4.35
1.0	21.134	34.101	23.775	1524.0	21.133	23.775	5.09	4.25
2.0	21.142	34.099	23.771	1524.1	21.142	23.771	5.08	4.14
3.0	21.141	34.098	23.771	1524.1	21.140	23.771	5.08	4.14
4.0	21.140	34.099	23.771	1524.1	21.139	23.771	5.08	4.19
5.0	21.141	34.098	23.771	1524.1	21.140	23.771	5.08	4.18
10.0	21.138	34.099	23.772	1524.2	21.136	23.773	5.08	4.25
15.0	21.132	34.096	23.772	1524.3	21.129	23.772	5.09	4.25
20.0	21.129	34.095	23.772	1524.3	21.125	23.773	5.09	4.33
25.0	21.122	34.091	23.771	1524.4	21.117	23.772	5.09	4.33
30.0	20.952	34.060	23.793	1524.0	20.946	23.795	5.10	4.32
40.0	20.698	34.023	23.833	1523.4	20.690	23.835	5.13	4.34
50.0	20.393	34.002	23.898	1522.7	20.384	23.901	5.16	4.28
75.0	16.217	34.407	25.243	1511.5	16.205	25.246	5.57	3.99
100.0	14.278	34.262	25.559	1505.6	14.263	25.562	5.80	3.98
125.0	13.486	34.488	25.899	1503.7	13.469	25.902	5.88	3.50
150.0	12.348	34.424	26.076	1500.2	12.328	26.080	6.03	3.34
200.0	10.567	34.330	26.332	1494.6	10.543	26.336	6.27	3.10
250.0	9.337	34.273	26.495	1490.9	9.309	26.500	6.44	2.90
300.0	7.798	34.132	26.622	1485.7	7.768	26.626	6.67	3.06
400.0	6.330	34.141	26.832	1481.6	6.294	26.837	6.91	2.48
500.0	5.419	34.156	26.957	1479.5	5.377	26.962	7.06	1.92
600.0	4.820	34.218	27.076	1478.8	4.772	27.081	7.16	1.55
700.0	4.389	34.270	27.165	1478.7	4.336	27.170	7.23	1.37
800.0	3.945	34.300	27.235	1478.5	3.886	27.241	7.31	1.21
803.5	3.922	34.303	27.240	1478.4	3.863	27.246	7.31	1.21

STATION - 34 SY9710 22 DEPTH - 001150 M
DATE - 1997/10/22 POSITION LAT. - 36°00.04 N
TIME - 08:50 LONG. - 141°19.99 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.128	34.092	23.770	1524.0	21.128	23.770	5.09	4.54
1.0	21.138	34.099	23.772	1524.1	21.137	23.772	5.08	4.51
2.0	21.113	34.096	23.777	1524.0	21.112	23.777	5.09	4.39
3.0	21.108	34.096	23.778	1524.0	21.107	23.778	5.09	4.35
4.0	21.124	34.094	23.772	1524.1	21.123	23.772	5.09	4.37
5.0	21.107	34.096	23.778	1524.0	21.106	23.778	5.09	4.37
10.0	21.102	34.095	23.779	1524.1	21.100	23.780	5.09	4.36
15.0	21.091	34.094	23.781	1524.1	21.088	23.782	5.09	4.42
20.0	21.076	34.093	23.784	1524.2	21.072	23.785	5.09	4.40
25.0	21.055	34.091	23.789	1524.2	21.050	23.790	5.09	4.43
30.0	21.002	34.082	23.796	1524.1	20.996	23.797	5.10	4.40
40.0	20.455	34.077	23.939	1522.8	20.447	23.941	5.15	4.41
50.0	19.594	34.160	24.228	1520.7	19.585	24.230	5.23	4.34
75.0	14.234	34.147	25.480	1504.9	14.223	25.482	5.81	4.19
100.0	12.831	34.186	25.796	1500.7	12.818	25.799	5.98	4.19
125.0	12.313	34.211	25.917	1499.3	12.296	25.920	6.04	4.16
150.0	12.241	34.365	26.050	1499.7	12.221	26.054	6.04	3.77
200.0	10.921	34.351	26.285	1495.9	10.896	26.289	6.22	3.17
250.0	9.430	34.239	26.453	1491.2	9.402	26.457	6.43	3.10
300.0	6.138	33.829	26.610	1478.7	6.112	26.614	6.95	3.89
400.0	3.563	33.747	26.833	1469.6	3.536	26.836	7.40	2.88
500.0	4.172	33.966	26.946	1474.1	4.135	26.950	7.28	1.99
600.0	3.663	34.041	27.058	1473.7	3.621	27.062	7.37	1.21
700.0	3.988	34.209	27.158	1476.9	3.937	27.163	7.30	1.11
800.0	3.734	34.284	27.243	1477.6	3.677	27.249	7.34	1.02
800.6	3.752	34.299	27.254	1477.7	3.694	27.259	7.34	1.03

STATION - 35 SY9710 22 DEPTH - 000585 M
DATE - 1997/10/22 POSITION LAT. - 36°00.10 N
TIME - 10:03 LONG. - 141°10.07 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	20.796	34.068	23.841	1523.1	20.796	23.841	5.12	3.65
1.0	20.783	34.064	23.841	1523.0	20.782	23.841	5.12	3.12
2.0	20.809	34.073	23.841	1523.1	20.809	23.841	5.12	4.40
3.0	20.811	34.073	23.841	1523.2	20.810	23.841	5.12	4.46
4.0	20.797	34.076	23.847	1523.2	20.796	23.847	5.12	4.49
50	20.797	34.076	23.847	1523.2	20.796	23.847	5.12	4.47
10.0	20.801	34.055	23.830	1523.2	20.799	23.830	5.12	4.48
15.0	20.748	34.066	23.852	1523.2	20.745	23.853	5.12	4.48
20.0	20.585	34.045	23.880	1522.8	20.581	23.881	5.14	4.50
25.0	20.547	34.041	23.887	1522.8	20.542	23.889	5.14	4.45
30.0	20.462	34.024	23.897	1522.6	20.456	23.898	5.15	4.48
40.0	19.616	33.918	24.038	1520.3	19.608	24.040	5.24	4.46
50.0	18.630	34.269	24.557	1518.1	18.621	24.559	5.32	4.24
75.0	14.665	34.131	25.376	1506.2	14.653	25.378	5.76	4.32
100.0	13.864	34.153	25.561	1504.1	13.850	25.564	5.85	4.41
125.0	13.447	34.491	25.909	1503.5	13.429	25.912	5.89	3.53
150.0	12.016	34.414	26.131	1499.0	11.997	26.135	6.07	3.30
200.0	10.104	34.209	26.317	1492.8	10.081	26.321	6.33	3.89
250.0	8.621	34.155	26.516	1488.0	8.594	26.520	6.55	3.17
300.0	6.675	33.965	26.647	1481.1	6.647	26.651	6.86	3.43
400.0	4.630	33.838	26.795	1474.2	4.600	26.798	7.21	3.12
500.0	4.154	33.936	26.924	1474.0	4.117	26.928	7.29	2.09
570.7	3.708	34.009	27.027	1473.3	3.668	27.031	7.36	1.31

STATION - 36 SY9710 22 DEPTH - 000220 M
DATE - 1997/10/22 POSITION LAT. - 36°00.09 N
TIME - 11:07 LONG. - 140°59.97 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	20.643	34.058	23.874	1522.6	20.643	23.874	5.13	4.22
1.0	20.638	34.060	23.878	1522.7	20.638	23.878	5.13	4.15
2.0	20.637	34.064	23.881	1522.7	20.637	23.881	5.13	4.31
3.0	20.644	34.063	23.878	1522.7	20.643	23.878	5.13	4.40
4.0	20.651	34.062	23.876	1522.7	20.650	23.876	5.13	4.34
5.0	20.688	34.066	23.869	1522.9	20.687	23.869	5.13	4.33
10.0	20.619	34.058	23.881	1522.7	20.617	23.881	5.13	4.47
15.0	2.504	34.040	23.898	1522.5	20.501	23.898	5.15	4.52
20.0	20.089	33.984	23.965	1521.3	20.085	23.966	5.19	4.57
25.0	20.021	33.966	23.969	121.2	20.06	23.970	5.19	4.58
30.0	19.955	33.941	23.967	1521.1	19.950	23.968	5.20	4.58
40.0	18.989	33.756	24.074	1518.3	18.981	24.076	5.30	4.61
50.0	18.205	34.038	24.486	1516.5	18.196	24.488	5.37	4.51
75.0	15.376	34.038	25.149	1508.4	15.364	25.151	5.68	4.41
100.0	14.371	34.112	25.423	1505.7	14.356	25.427	5.79	4.29
125.0	13.988	34.143	25.528	1504.8	13.970	25.532	5.84	4.30
150.0	13.779	34.379	25.754	1504.9	13.757	25.758	5.85	3.99
200.0	10.292	34.271	26.333	1493.5	10.269	26.337	6.31	3.31
205.9	9.607	34.209	26.401	1491.1	9.584	26.404	6.40	3.38

STATION - 37 SY9710 22 DEPTH - 000053 M
DATE - 1997/10/22 POSITION LAT. - 36°00.10 N
TIME - 11:59 LONG. - 140°50.02 E

DATA TYPE PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.146	33.848	23.579	1523.7	21.146	23.579	5.09	4.29
1.0	21.144	33.880	23.604	1523.8	21.144	23.604	5.09	4.32
2.0	21.125	34.076	23.758	1524.0	21.124	23.758	5.09	4.42
3.0	21.27	34.076	23.757	1524.0	21.126	23.758	5.09	4.47
4.0	21.128	34.076	23.757	1524.0	21.127	23.757	5.09	4.47
5.0	21.132	34.076	23.756	1524.1	21.131	23.756	5.09	4.45
10.0	21.111	34.073	23.760	1524.1	21.109	2.760	5.09	4.43
15.0	21.086	34.077	23.770	1524.1	21.083	23.771	5.09	4.44
20.0	21.068	34.080	23.777	1524.1	21.064	23.778	5.09	4.42
25.0	21.007	34.091	23.801	1524.1	21.002	23.803	5.10	4.42
30.0	20.882	34.102	23.843	1523.8	20.876	23.845	5.11	4.39
40.0	20.139	34.109	24.047	1522.0	20.131	24.049	5.18	4.15
45.1	19.540	34.117	24.209	1520.4	19.531	24.212	5.24	4.06

STATION - 38 SY9710 22 DEPTH - 000047 M
DATE - 1997/10/22 POSITION LAT. - 35°50.08 N
TIME - 13:00 LONG. - 140°55.03 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.353	33.980	23.623	1524.5	21.353	23.623	5.07	4.54
1.0	21.393	33.695	23.395	1524.2	21.392	23.395	5.07	4.77
2.0	21.330	34.069	23.697	1524.5	21.329	23.698	5.07	4.50
3.0	21.341	34.068	23.693	1524.6	21.340	23.693	5.07	4.41
4.0	21.333	34.066	23.694	1524.6	21.332	23.694	5.07	4.43
5.0	21.337	34.068	23.695	1524.6	21.336	23.695	5.07	4.41
10.0	21.278	34.056	23.702	1524.5	21.276	23.702	5.07	4.40
15.0	21.229	34.048	23.709	1524.5	21.226	23.710	5.08	4.43
20.0	21.134	34.080	23.759	1524.3	21.130	23.760	5.09	4.39
25.0	20.670	34.109	23.906	1523.2	20.665	23.908	5.13	4.28
30.0	20.301	34.133	24.022	1522.3	20.295	24.024	5.16	4.19
37.8	19.569	34.150	24.227	1520.4	19.562	24.229	5.23	4.08

STATION - 39 SY9710 22 DEPTH - 000066 M
DATE - 1997/10/22 POSITION LAT. - 35°40.00 N
TIME - 13:59 LONG. - 140°59.97 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.529	33.996	23.587	1524.9	21.529	23.587	5.05	4.41
1.0	21.530	34.033	23.615	1525.0	21.529	23.615	5.05	4.55
2.0	21.517	34.133	23.695	1525.1	21.516	23.695	5.05	4.34
3.0	21.520	34.132	23.693	1525.1	21.519	23.693	5.05	4.33
4.0	21.518	34.133	23.694	1525.2	21.517	23.694	5.05	4.34
5.0	21.518	34.133	23.694	1525.2	21.517	23.695	5.05	4.34
10.0	21.519	34.133	23.694	1525.3	21.517	23.694	5.05	4.33
15.0	21.517	34.133	23.694	1525.3	21.514	23.695	5.05	4.35
0.0	21.494	34.129	23.697	1525.3	21.490	23.698	5.05	4.34
25.0	21.462	34.139	23.714	1525.4	21.457	23.716	5.05	4.35
30.0	21.425	34.149	23.732	1525.3	21.419	23.734	5.06	4.31
40.0	20.895	34.174	23.895	1524.1	20.887	23.897	5.11	4.16
50.0	19.355	34.122	24.261	1520.0	19.346	24.263	5.25	4.10
55.0	19.134	34.124	24.319	1519.4	19.124	24.321	5.28	4.04

STATION - 41 SY9710 22 DEPTH - 000149 M
DATE - 1997/10/22 POSITION LAT. - 35°30.00 N
TIME - 15:47 LONG. - 141°10.04 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.988	34.233	23.640	1526.5	21.988	23.640	5.00	4.38
1.0	21.983	34.238	23.645	1526.5	21.982	23.645	5.00	4.39
2.0	22.004	34.219	23.625	1526.5	22.003	23.625	5.00	4.37
3.0	22.008	34.212	23.618	1526.5	22.007	23.618	5.00	4.20
4.0	22.010	34.211	23.617	1526.6	22.009	23.618	5.0	4.13
5.0	22.016	34.213	23.617	1526.6	22.015	23.617	5.00	4.18
10.0	22.009	34.205	23.613	1526.6	22.007	23.614	5.00	4.27
15.0	21.915	34.203	23.638	1526.5	21.912	23.639	5.01	4.32
20.0	21.851	34.199	23.652	1526.4	21.847	23.653	5.02	4.32
25.0	21.666	34.189	23.696	1526.0	21.661	23.697	5.03	4.35
30.0	21.644	34.189	23.702	1526.0	21.638	23.703	5.04	4.34
40.0	21.639	34.189	23.704	1526.1	21.631	23.706	5.04	4.33
50.0	21.611	34.186	23.709	1526.2	21.601	23.711	5.04	4.32
75.0	21.260	34.179	23.800	1525.7	21.245	23.804	5.07	4.21
100.0	17.376	34.569	25.095	1515.6	17.359	25.099	5.44	3.73
125.0	15.554	34.567	25.516	1510.4	15.535	25.520	5.64	3.55
138.6	14.268	34.508	25.751	1506.5	14.248	25.755	5.79	3.47

STATION - 42 SY9710 22 DEPTH - 001141 M
DATE - 1997/10/22 POSITION LAT. - 35°30.08 N
TIME - 16:39 LONG. - 141°19.62 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	22.193	34.103	23.484	1526.8	22.193	23.484	4.99	3.72
1.0	22.196	34.206	23.562	1527.0	22.195	23.562	4.99	3.90
2.0	22.204	34.209	23.561	1527.0	22.203	23.561	4.99	4.14
3.0	22.198	34.209	23.563	1527.0	22.197	23.564	4.99	4.16
4.0	22.196	34.209	23.564	1527.0	22.195	23.564	4.99	4.17
5.0	22.195	34.209	23.564	1527.1	22.194	23.564	4.99	4.20
10.0	22.193	34.210	23.565	1527.1	22.191	23.566	4.99	4.26
15.0	22.173	3.208	23.569	1527.2	22.170	23.570	4.99	4.26
0.0	22.105	34.207	23.588	1527.1	22.101	23.589	4.99	4.30
25.0	22.068	34.204	23.595	1527.0	22.063	23.597	5.00	4.28
30.0	21.987	34.200	23.615	1526.9	21.981	23.617	5.00	4.29
40.0	21.427	34.289	23.838	1525.7	21.419	23.840	5.05	4.12
50.0	20.309	34.296	24.144	1522.8	20.299	24.147	5.1	3.98
75.0	17.681	34.520	24.984	1516.0	17.668	24.987	5.41	3.73
100.0	15.838	34.570	25.455	1510.9	15.822	25.458	5.61	3.57
125.0	14.620	34.543	25.703	1507.4	14.602	25.707	5.75	3.47
150.0	13.666	34.506	25.875	1504.7	13.644	25.880	5.86	3.38
200.0	11.358	34.362	26.214	1497.4	11.333	26.218	6.16	3.29
250.0	9.141	34.214	26.481	1490.1	9.113	26.485	6.47	3.16
300.0	7.322	34.050	26.626	1483.7	7.293	26.630	6.75	3.27
400.0	4.781	33.803	26.751	1474.8	4.70	26.754	7.18	3.28
500.0	4.343	34.011	26.964	1474.9	4.306	26.968	7.25	1.84
600.0	4.895	34.224	27.072	1479.1	4.847	27.077	7.14	1.60
700.0	3.532	34.148	27.155	1474.9	3.484	27.160	7.39	0.92
800.0	3.363	34.216	27.226	1475.9	3.308	27.231	7.42	0.76
800.0	3.363	4.216	27.226	1475.9	3.308	27.231	7.42	0.76

STATION - 43 SY9710 22 DEPTH - 001610 M
DATE - 1997/10/22 POSITION LAT. - 35°30.11 N
TIME - 18:08 LONG. - 141°30.40 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	22.352	34.178	23.496	1527.3	22.352	23.496	4.97	3.17
1.0	22.333	34.219	23.532	1527.4	2.333	23.533	4.97	3.18
2.0	22.357	34.225	23.530	1527.4	22.356	23.531	4.97	3.32
3.0	22.387	34.204	23.506	1527.5	22.386	23.506	4.97	4.04
4.0	22.399	34.202	23.501	1527.6	22.398	23.501	4.97	4.17
5.0	22.404	34.201	23.499	1527.6	22.403	23.499	4.97	4.10
10.0	22.397	34.202	23.502	1527.6	22.395	23.502	4.97	4.10
15.0	22.401	34.201	23.500	1527.7	22.398	23.501	4.97	4.19
20.0	22.399	34.201	23.501	1527.8	22.395	23.502	4.97	4.19
25.0	22.407	34.202	23.499	1527.9	22.402	23.500	4.97	4.20
30.0	22.406	34.202	23.499	1528.0	22.400	23.501	4.97	4.21
40.0	22.375	34.196	23.503	1528.1	22.367	23.506	4.97	4.18
50.0	21.622	34.309	23.800	1526.4	21.612	23.802	5.03	3.98
75.0	19.347	34.516	24.564	1520.8	19.334	24.567	5.24	3.67
100.0	16.003	34.572	25.418	1511.4	15.987	25.422	5.59	3.63
125.0	14.989	34.564	25.639	1508.6	14.970	25.643	5.70	3.42
150.0	13.359	34.487	25.924	1503.6	13.338	25.928	5.90	3.39
200.0	10.829	34.323	26.279	1495.5	10.805	26.284	6.23	3.32
250.0	8.444	34.136	26.529	1487.3	8.418	26.533	6.58	3.29
300.0	7.584	34.124	26.647	1484.8	7.554	26.651	6.71	3.08
400.0	6.323	34.138	26.830	1481.5	6.288	26.835	6.91	2.44
500.0	5.324	34.126	26.945	1479.1	5.283	26.950	7.07	1.96
600.0	4.554	34.179	27.074	1477.6	4.508	27.079	7.20	1.43
700.0	3.995	34.211	27.159	1476.9	3.944	27.165	7.30	1.19
800.0	3.743	34.277	27.237	1477.6	3.685	27.243	7.34	1.11
802.0	3.709	34.273	27.238	1477.5	3.651	27.243	7.35	1.10

STATION - 44 SY9710 22 DEPTH - 002297 M
DATE - 1997/10/22 POSITION LAT. - 35°19.96 N
TIME - 19:40 LONG. - 141°30.54 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	21.884	34.208	23.650	1526.2	21.884	23.650	5.01	3.40
1.0	21.889	34.207	23.648	1526.2	21.889	23.648	5.01	3.40
2.0	21.915	34.193	23.630	1526.3	21.914	23.630	5.01	4.01
3.0	21.919	34.192	23.628	1526.3	21.918	23.628	5.01	4.14
4.0	21.918	34.192	23.628	1526.	21.917	23.629	5.01	4.18
5.0	21.921	34.192	23.627	1526.3	21.920	23.628	5.01	4.19
10.0	21.922	34.192	23.627	1526.4	21.920	23.628	5.01	4.23
15.0	21.922	34.192	23.627	1526.5	21.919	23.628	5.01	4.27
20.0	21.917	34.192	23.628	1526.5	21.913	23.629	5.01	4.25
25.0	21.924	34.192	23.627	1526.6	21.919	23.628	5.01	4.27
30.0	21.923	34.192	23.627	1526.7	21.917	23.629	5.01	4.31
40.0	21.511	34.170	23.724	1525.8	21.503	23.726	5.05	4.34
50.0	19.640	34.394	24.395	1521.1	19.631	24.397	5.22	3.94
75.0	16.528	34.547	25.278	1512.6	16.516	25.281	5.53	3.58
100.0	14.796	34.550	25.670	1507.6	14.781	25.673	5.73	3.53
125.0	13.313	34.485	25.931	1503.1	13.295	25.935	5.91	3.37
150.0	12.154	34.408	26.101	1499.5	12.134	26.104	6.05	3.30
200.0	10.860	34.333	26.282	1495.7	10.835	26.286	6.23	3.19
250.0	9.527	34.235	26.434	1491.5	9.499	26.439	6.41	3.15
300.0	8.099	34.205	26.635	1486.9	8.069	26.640	6.63	2.81
400.0	5.784	33.996	6.786	1479.2	5.750	26.790	7.00	2.71
500.0	3.734	33.900	26.938	1472.2	3.699	26.941	7.36	2.03
600.0	3.805	34.078	27.072	1474.3	3.763	27.077	7.34	1.14
700.0	3.387	34.137	27.161	1474.3	3.339	27.165	7.42	0.76
800.0	3.432	34.271	27.263	1476.3	3.376	27.268	7.40	0.79
804.5	3.470	34.297	27.280	1476.5	3.414	27.286	7.39	0.83

STATION - 45 SY9710 22 DEPTH - 002900 M
DATE - 1997/10/22 POSITION LAT. - 35°09.93 N
TIME - 21:12 LONG. - 141°30.09 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	22.187	34.192	23.553	1526.9	22.187	23.553	4.99	3.32
1.0	22.187	34.191	23.552	1526.9	22.187	23.552	4.99	3.43
2.0	22.198	34.186	23.545	1527.0	22.198	23.546	4.99	4.14
3.0	22.198	34.186	23.546	1527.0	22.197	23.546	4.99	4.15
4.0	22.203	34.185	23.543	1527.0	22.202	23.544	4.99	4.14
5.0	22.202	34.180	23.540	1527.0	22.201	23.540	4.99	4.19
10.0	22.197	34.186	23.545	1527.1	22.195	23.546	4.99	4.18
15.0	22.174	34.183	23.550	1527.1	22.171	23.551	4.99	4.21
20.0	22.030	34.192	23.597	1526.8	22.026	23.598	5.00	4.30
25.0	21.608	34.196	23.717	1525.8	21.603	23.719	5.04	4.31
30.0	21.401	34.253	23.818	1525.4	21.395	23.819	5.06	4.25
40.0	19.979	34.342	24.267	1521.8	19.972	24.268	5.19	4.09
50.0	18.869	34.385	24.586	1518.9	18.860	24.588	5.29	4.01
75.0	17.571	34.667	25.123	1515.9	17.558	25.126	5.42	3.72
100.0	16.391	34.623	25.369	1512.7	16.375	25.373	5.54	3.65
125.0	15.572	34.602	25.539	1510.5	15.553	25.543	5.64	3.60
150.0	14.372	34.541	25.755	1507.0	14.350	25.759	5.78	3.50
200.0	12.140	34.432	26.122	1500.2	12.114	26.127	6.05	3.31
250.0	11.093	34.375	26.272	1497.3	11.062	26.278	6.19	3.04
300.0	9.058	34.286	26.550	1490.6	9.025	26.556	6.48	2.72
400.0	5.977	34.066	26.818	1480.0	5.943	26.822	6.97	2.53
500.0	4.815	34.028	26.926	1476.9	4.776	26.930	7.17	2.08
600.0	4.095	34.084	27.048	1475.6	4.051	27.052	7.29	1.45
700.0	3.536	34.136	27.145	1474.9	3.488	27.150	7.39	0.94
800.0	3.478	34.204	27.205	1476.4	3.422	27.210	7.40	0.91
900.0	3.243	34.271	27.281	1477.1	3.181	27.286	7.44	0.75
1000.0	3.039	34.318	27.337	1477.9	2.971	27.343	7.47	0.74
1100.0	2.871	34.357	27.383	1478.8	2.796	27.390	7.50	0.74
1200.0	2.742	34.392	27.423	1479.9	2.661	27.430	7.52	0.77
1300.0	2.598	34.427	27.464	1481.0	2.511	27.471	7.55	0.82
1400.0	2.474	34.460	27.500	1482.1	2.380	27.508	7.57	0.89
1500.0	2.321	34.498	27.544	1483.2	2.221	27.552	7.60	1.04
1750.0	2.169	34.529	27.581	1486.6	2.051	27.590	7.63	1.20
1814.7	2.145	34.534	27.587	1487.6	2.022	27.597	7.63	1.26