

**Preliminary Report
of
The Hakuho Maru Cruise KH-98-4
(Leg 1)**

September 7, 1998 – September 21, 1998

**Studies on ecological profile, material cycle
and ocean environment related to biological production
in western North Pacific (GLOBEC/JGOFS)**

**Ocean Research Institute
University of Tokyo
2002**

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By

The Scientific Members of the Cruise

Edited by

Takashige SUGIMOTO

PREFACE

In order to study physical structure of the front of the Kuroshio Extension, a grid survey with CTD and ADCP had been conducted, although XBT was used in the first day instead of CTD because of bad weather condition. Water sampling for analyses of nutrients, organic particles and chlorophyll, and NORPAC net sampling of zooplankton were also done in this cruise, which also provided data sets for analyses of a warm core ring. Observation in this ring are designed to transect the center of the ring located 143°30'E with 15 mile-interval of CTD, and with 30 mile-interval of water sampling and NORPAC net sampling. After this grid survey around the ring, buoys with sediment traps were released observing vertical daily migration of zooplankton and organic particles. Experiments to measure photosynthesis speed and its increasing rate by addition of iron were also conducted on board. This is a preliminary experiment for future studies on fluctuation of primary production associated with addition of several concentrations of nutrients. These estimated results would be put into numerical ecosystem models to clarify unstable primary and secondary production. In frontal regions of the warm core ring, its fine structure (temperature, salinity, chlorophyll) was observed with a vertically moving aqua-shuttle and these data will be analyzed together with ADCP data set.

We sometimes had bad weather condition. However, receiving enthusiastic cooperation by ship crews. Most of the scheduled observation had been completed. We would like to express our deep appreciation to the crews.

Takashige Sugimoto
Chief Scientist

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Scientists aboard (Leg 1,3)

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Chiyuki SASSA	Ocean Research Institute, The University of Tokyo
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Yasue NAKAMURA	Faculty of Agriculture, Tohoku University
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Hiroshi ITO	Sumika Chemical Analysis Service, Ltd. Scientific Instrument Division
Katsuo NAKAMURA	Sumika Chemical Analysis Service, Ltd. Scientific Instrument Division

Observational Table

No.1

Station	Date	Time	Lat.	Lon.	Depth	CTD	RMS	XBT	Norp.	VMPS	MTD	S.trap	Chr-a	CMT.
K-1D	9/07	21:20	35 - 01.25	140 - 30.41	220	○								Argos buoy throw
K-2D		23:20	34 - 52.44	-46.32	2293	○								
K-2-1	9/08	00:50	- 50.00	-50.00	2408			○						
K-2-21			- 46.93	-50.70	2733			○						
K-2-2		10:50	- 47.37	-55.06	2992			○						
K-3-0		13:50	- 45.93	141 - 03.25	3128			○						Argos buoy throw
K-7	18:53	35 - 00.09	144 - 29.88	4516				○						Argos buoy throw
K-8		21:30	- 09.56	-38.40	3980			○						
K-9		23:00	- 14.59	145 - 44.05	4382			○						
K-10-1	9/09	00:30	- 19.94	-49.15	4302			○						
K-10-2		00:40	- 20.49	-50.75	4345			○						
K-11		02:00	- 25.06	-56.19	4534			○						
K-12		03:30	- 29.79	-59.90	4603	○								
K-12-1		05:07	- 35.16	142 - 00.29	4112			○						
K-13		06:01	- 27.55	-08.16	6038			○						
K-14-1		06:39	- 18.75	-14.26	8152			○						
K-15		07:38	- 10.00	-20.00	7700	○								
K-15-1		09:20	- 15.29	-22.53	7620			○						
K-16		09:52	- 20.05	-24.80	7191	○								
K-16-1		11:20	- 25.05	-27.47	6537			○						
K-17		11:52	- 29.94	-30.06	6849	○								
K-17-1		13:37	- 37.54	-33.77	6650			○						
K-18		14:22	- 45.19	-37.40	4006	○								
K-19		16:49	36 - 00.03	-44.94	7291	○								
K-20		19:01	- 15.14	-52.41	7812	○								
K-21		21:50	- 29.81	-59.91	7191	○		○						
K-22	9/10	00:16	- 15.12	-59.78	7502	○		○						
K-23		02:45	- 00.10	-59.99	6184	○		○						
K-24		06:15	- 44.47	143 - 00.18	6618	○								
K-24-1		07:26	35 - 39.92	-00.01	6476			○						
K-24-2		07:45	- 35.32	142 - 59.98	6305			○						
K-25		08:13	- 30.24	143 - 00.30	6174	○		○						
K-25-1		10:07	- 24.38	-00.32	6033			○						
K-25-2		10:27	- 20.00	-00.20	5826			○						
K-26		10:51	15.11	00.24	5705	○								
K-26-1		12:35	- 10.13	-00.04	5641			○						
K-26-2		13:00	- 05.02	142 - 59.93	5707			○						
K-27		13:26	34 - 59.89	143 - 00.56	5834	○		○						
K-27-1		15:09	- 55.00	-00.00	5849			○						
K-27-2		15:28	- 50.04	142 - 59.94	5962			○						
K-28		15:55	- 44.73	143 - 00.05	5294	○								
K-28-1		17:07	- 39.93	-00.00	5368			○						
K-28-2		17:25	- 35.00	142 - 59.97	5301			○						
K-29		17:57	- 29.63	-59.75	5290	○		○						
K-30		20:29	- 39.90	143 - 00.68	5255	○								
K-31		22:17	- 49.98	-20.18	5632	○								
K-32	9/11	00:06	35 - 00.08	-30.05	5548	○								

Observational Table

No.2

Station	Date	Time	Lat.	Lon.	Depth	CTD	RMS	XBT	Norp.	VMPS	MTD	S:trap	Chr-a	CMT.
K-33		01:57	- 09.99	-40.27	5614	○								
K-34		03:45	- 19.90	-50.37	5746	○								
K-35		07:28	- 00.04	144 -39.93	5752	○								
K-36		09:20	34 - 49.46	-29.23	5699	○								
K-37		11:01	- 39.94	-20.06	5617	○								
K-38		12:50	- 30.02	-09.82	5578	○								
K-38-1		14:40	- 20.00	-00.04										
K-39		15:43	- 30.06	143 -59.96	5633	○								
K-39-1		18:47	- 35.11	144 -00.02	5547									
K-39-2		19:07	- 40.06	143 -59.96	5530	○								
K-40		19:36	- 44.96	144 -00.10	5625	○								
K-40-1		20:54	- 49.97	-00.08	5269	○								
K-40-2		21:15	- 54.94	-00.04	5814	○								
K-41		21:34	- 59.94	-00.06	5677	○								
K-41-1		23:50	35 - 04.93	-00.07	5695	○								
K-41-2	9/12	00:10	- 10.00	143 -59.94	5674	○								
K-42		00:40	- 14.74	144 -00.18	5695	○								
K-42-1		02:06	- 20.00	-00.05	5716	○								
K-42-2		02:26	- 25.00	143 -59.93	5726	○								
K-43		02:56	- 29.96	144 -00.26	5719	○								
K-43-1		05:14	- 35.05	-00.04	5744	○								
K-43-2		05:33	40.05	00.02	5803	○								
K-44		06:05	45.38	00.34	5847	○								
K-44-1		07:28	- 50.08	-00.04	5741	○								
K-44-2		07:47	- 55.07	-00.00	5857	○								
K-45		08:16	36 - 00.06	143 -59.83	5717	○								
K-46		11:40	- 14.90	144 -00.06	4119	○								
C-1		14:50	- 29.97	143 -29.93	6471	○							○	
C-2		17:25	- 45.15	-29.92	7035	○								
C-3		19:24	37 - 00.23	-29.78	7572	○								
C-4		21:52	- 14.94	-30.18	6918	○								
C-5		23:49	- 30.09	-29.87	5904	○								
C-6		02:30	- 45.11	-30.09	5171	○								
C-7	9/13	04:20	38 - 00.15	-30.17	4398	○								○
C-8		08:09	- 14.99	-30.35	3317	○								
C-9		10:03	40 - 30.05	-30.31	2883	○								
C-10		12:40	- 44.90	-29.86	2570	○								
C-11		16:23	- 59.76	-28.74	2470	○								
C-12	9/14	07:10	38 - 40.03	-20.00	2278	○								
C-13		20:34	- 20.13	-10.02	2310	○								
C-14		22:59	- 00.04	-00.05	1862	○								
C-15	9/15	01:23	37 - 00.04	141 -59.81	498	○								
C-16		03:15	- 44.98	142 -15.06	804	○								
C-17		05:29	- 45.04	-39.91	1422	○								
C-18		06:40	- 44.99	-00.04	2177	○								
C-19		10:18	38 - 15.25	-00.10	1563	○								
C-20		12:22	- 30.27	142 -44.63	1463	○								

Observational Table

No.3

Station	Date	Time	Lat.	Lon.	Depth	CTD	RMS	XBT	Norp.	VMPS	MTD	S.trap	Chr-a	CMT.
C-21	13:33	- 44.79	-30.14	1184										
C-22	9/18	08:13	- 59.69	-30.65	2508	○	○	○	○					
C-23		11:30	- 45.46	-30.06	2563			○						
C-24		12:30	40 - 30.13	-30.10	2872	○	○	○	○					
C-25		15:25	38 - 15.07	143 -30.00	3356	○								
C-26		17:40	37 - 59.99	-29.79	4374	○	○	○	○					
C-26-1		20:55	- 59.99	-59.57	6007			○						
C-27		22:06	- 45.18	-59.52	7021	○	○	○	○					
C-28	9/19	01:10	- 30.14	-00.00	6706	○								
C-29		02:25	- 15.52	144 -00.08	6439	○	○	○	○					
C-30		06:09	00.01	00.01	6099	○	○							Aqua shuttle
C-31		15:02	38 - 00.84	143 -59.53	7417	○	○	○	○	○	○	○	○	Argos buoy throw
C-32	9/20	21:12	37 - 59.97	-45.19	5989			○						
C-33		23:00	- 59.98	-10.24	3976			○						
C-34	9/21	00:00	38 - 01.38	142 -50.12	3132			○						

Observational Table

Station	Date	Time	Lat.	Lon.	Depth	CTD	RMS	XBT	Norp.	IKMT	MTD	S.trap	ORI	photon	Moc	CMT.
W-7	10/16	23:16	37 - 45.36	143 - 59.33	7051	○	○									Argos buoy throw
WX-1	10/17	00:59	- 47.45	144 - 00.07	6995			○								
W-6	01:37	38 - 00.14	143 - 59.95	7432	○	○	○	○								
WX-2	03:17	- 07.70	144 - 00.07	7442				○								
W-5	03:55	- 15.10	- 00.08	7174	○											
WX-3	05:19	- 22.50	- 00.04	7046				○	○							Argos buoy throw
W-4	06:06	- 30.45	- 00.19	7105	○	○	○									Argos buoy throw
WX-4	07:45	- 37.50	143 - 59.95	7051				○								
W-3	08:18	- 44.90	144 - 00.25	6795	○	○	○	○								
WX-5	10:30	- 30.00	- 14.00	6741				○								
WX-6	11:29	- 15.00	- 14.96	6413				○								
WX-7	12:16	37 - 59.33	- 15.57	6360				○								
WX-8	13:24	- 45.00	- 18.75	6110				○								
WX-9	14:23	- 30.00	- 20.42	5987				○								
W-11	10/19	08:05	36 - 45.45	- 00.55	5944	○										
W-10	10:02	37 - 00.07	- 00.05	6102	○	○	○									
W-9	12:16	- 15.04	143 - 59.88	6376	○											
W-8	14:24	- 30.10	144 - 00.05	6718	○											
W-6-2	19:40	38 - 07.52	- 00.00	7445	○			○								
W-2	10/20	02:33	39 - 00.05	- 00.41	5797	○	○	○	○							
W-1	05:02	- 15.01	- 00.20	6849	○	○	○									
W-17	19:08	38 - 07.76	143 - 14.95	2711	○											
W-18	20:57	- 07.64	- 29.72	3597	○			○								
W-19	22:59	- 07.71	- 44.78	5773	○											
W-20	10/21	00:55	- 07.50	- 59.72	7443	○	○	○	○							
W-21	11:18	- 07.46	144 - 14.77	6433	○											
W-22	13:10	- 07.36	- 29.88	5940	○	○	○	○	○							
W-28	18:57	- 07.52	145 - 59.95	5198	○	○	○	○	○							
E-4	10/23	17:30	35 - 45.87	142 - 42.20	3943			○								
E-3	20:25	36 - 02.64	- 51.06	7320				○								
E-5	10/24	00:12	35 - 28.47	- 38.48	6647	○	○	○	○							
E-6	03:57	- 03.57	142 - 26.58	6865	○											
E-7	06:32	34 - 59.83	- 19.13	7384	○	○	○	○	○							
E-8	10/25	13:34	- 45.00	- 12.00	7591											
E-9	10/26	00:15	27.91	24.75	6359	○	○	○	○							
E-10	21:20	- 15.21	141 - 15.42		○											
EX-10-1	22:33	- 19.71	- 14.10		○											
EX-10-2	22:52	- 24.76	- 12.82		○											
E-11	23:19	- 30.04	- 11.69		○											
EX-11-1	10/27	00:35	- 34.92	- 10.53				○								
EX-11-2	00:53	- 39.92	- 09.05		○											
E-12	01:22	- 45.10	- 07.57		○											
EX-12-1	02:36	- 49.95	- 06.18		○											
EX-12-2	02:55	- 54.96	- 04.94		○											
E-13	03:22	35 - 00.02	- 03.94		○											
EX-13-1	04:41	- 05.03	- 02.57		○											
EX-13-2	04:59	- 09.99	- 01.25		○											
E-14	05:25	- 15.16	140 - 59.82		○											

Station: W-7D
 Latitude:37-45.36N Longitude:143-59.32E Depth:7013M
 Date:1998/10/16 TIME:23:16

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
2	22.214	33.960	4.590		23.367		
5	22.216	33.959	4.572		23.366		
10	22.231	33.958	4.550		23.361		
20	22.156	33.998	4.560		23.413		
30	21.957	34.061	4.576		23.516		
40	21.308	34.107	4.635		23.730		
50	20.685	34.221	4.584		23.986		
60	17.711	34.477	4.413		24.941		
70	16.984	34.577	4.191		25.193		
75	16.715	34.596	4.150		25.271		
80	16.638	34.609	4.124		25.300		
90	16.080	34.635	4.034		25.448		
100	15.180	34.600	4.032		25.624		
125	14.166	34.493	4.222		25.760		
150	13.371	34.482	4.187		25.916		
175	12.233	34.407	4.423		26.084		
200	11.458	34.349	5.056		26.185		
250	10.598	34.255	5.388		26.266		
300	9.217	34.071	5.336		26.356		
400	5.561	33.638	6.177		26.530		
500	4.569	33.677	4.849		26.674		
600	3.915	33.829	2.955		26.864		
700	3.741	33.980	1.698		27.000		
750	3.797	34.074	1.459		27.070		
800	3.706	34.117	1.268		27.113		
900	3.512	34.208	1.056		27.205		
1000	3.361	34.297	1.001		27.290		
1002	3.362	34.297	.990e-29		27.290		

Station: W-6D
 Latitude:38-00.10N Longitude:144-00.05E Depth:7435M
 Date:1998/10/17 TIME:01:40

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
2	21.337	34.092	4.640		23.711		
5	21.334	34.092	4.625		23.712		
10	21.339	34.078	4.601		23.699		
20	21.332	34.096	4.591		23.715		
30	20.925	34.231	4.622		23.928		
40	20.224	34.287	4.533		24.158		
50	17.928	34.443	4.378		24.863		
60	16.046	34.543	4.276		25.385		
70	14.982	34.539	4.253		25.620		
75	14.620	34.516	4.321		25.681		
80	14.396	34.499	4.410		25.716		
90	13.992	34.486	4.473		25.791		
100	12.553	34.421	4.862		26.032		
125	11.460	34.353	5.512		26.188		
150	11.391	34.351	5.611		26.199		
175	11.362	34.351	5.596		26.204		
200	11.326	34.349	5.587		26.209		
250	11.241	34.339	5.535		26.217		
300	11.127	34.324	5.496		26.226		
400	9.234	34.066	5.294		26.349		
500	5.542	33.636	6.092		26.530		
600	4.403	33.700	4.336		26.710		
700	3.634	33.830	2.544		26.892		
750	4.055	33.978	2.102		26.967		
800	3.915	34.028	1.646		27.022		
900	3.670	34.164	1.116		27.154		
1000	3.448	34.241	0.982		27.237		
1002	3.452	34.240	0.979		27.236		

Station: W-5D
 Latitude:38-15.05N Longitude:144-00.10E Depth:7115M
 Date:1998/10/17 TIME:03:55

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
2	21.891	33.999	4.619		23.487		
5	21.898	33.999	4.584		23.485		
10	21.887	34.000	4.569		23.489		
20	21.900	33.999	4.543		23.485		
30	21.175	34.117	4.622		23.774		
40	19.006	34.465	4.526		24.611		
50	16.691	34.595	4.139		25.276		
60	15.290	34.562	4.108		25.570		
70	14.809	34.542	4.137		25.660		
75	14.627	34.537	4.170		25.696		
80	13.256	34.478	4.500		25.937		
90	12.448	34.418	4.867		26.051		
100	12.115	34.393	5.037		26.095		
125	11.422	34.350	5.613		26.192		
150	11.367	34.350	5.674		26.202		
175	11.326	34.349	5.681		26.209		
200	11.290	34.345	5.667		26.213		
250	11.206	34.335	5.619		26.220		
300	11.029	34.311	5.560		26.233		
400	8.514	33.972	5.457		26.389		
500	5.466	33.646	6.000		26.547		
600	4.385	33.722	4.153		26.729		
700	4.170	33.932	2.496		26.919		
750	4.010	34.007	1.919		26.995		
800	3.859	34.077	1.529		27.066		
900	3.659	34.166	1.199		27.157		
1000	3.466	34.246	0.989		27.240		
1006	3.456	34.247	0.970		27.242		

Station: W-4D
 Latitude:38-30.45N Longitude:144-00.19E Depth:7037M
 Date:1998/10/17 TIME:06:03

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
4	21.702	34.061	4.670		23.587		
5	21.706	34.061	4.659		23.586		
10	21.720	34.060	4.614		23.581		
20	21.225	34.153	4.656		23.788		
30	20.490	34.162	4.662		23.993		
40	18.504	34.298	4.527		24.610		
50	17.205	34.595	4.143		25.154		
60	16.390	34.600	4.042		25.350		
70	15.943	34.558	4.063		25.420		
75	15.666	34.540	4.098		25.469		
80	15.258	34.506	4.141		25.534		
90	14.773	34.531	4.063		25.660		
100	13.737	34.427	4.238		25.799		
125	13.055	34.445	4.099		25.952		
150	11.754	34.366	4.450		26.143		
175	11.397	34.342	5.050		26.191		
200	11.137	34.322	5.343		26.222		
250	9.993	34.171	5.135		26.305		
300	7.298	33.842	5.602		26.465		
400	5.380	33.680	5.587		26.585		
500	4.565	33.793	3.829		26.767		
600	4.175	33.956	2.298		26.937		
700	4.354	34.125	1.743		27.053		
750	4.058	34.158	1.465		27.110		
800	3.989	34.230	1.336		27.175		
900	3.631	34.273	1.124		27.245		
1000	3.422	34.325	1.064		27.307		
1005	3.409	34.326	.990e-29		27.309		

Station: W-3D
 Latitude:38-44.90N Longitude:144-00.25E Depth:6805M
 Date:1998/10/17 TIME:08:18

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
2	21.657	33.669	4.667		23.302		
5	21.662	33.671	4.630		23.302		
10	21.665	33.672	4.603		23.301		
20	21.670	33.684	4.584		23.310		
30	19.670	33.564	4.720		23.752		
40	19.421	33.847	4.602		24.033		
50	18.003	33.964	4.478		24.477		
60	17.003	34.416	4.147		25.065		
70	15.805	34.424	4.046		25.349		
75	15.452	34.441	4.030		25.441		
80	15.271	34.465	3.980		25.499		
90	14.492	34.448	4.042		25.656		
100	13.358	34.358	4.178		25.823		
125	9.837	33.874	5.480		26.100		
150	6.617	33.550	6.081		26.327		
175	4.740	33.441	6.371		26.468		
200	4.133	33.424	6.386		26.519		
250	3.396	33.477	5.585		26.633		
300	3.110	33.569	4.371		26.733		
400	3.394	33.786	2.716		26.879		
500	3.426	33.922	1.724		26.985		
600	3.617	34.073	1.139		27.087		
700	3.513	34.194	0.941		27.194		
750	3.421	34.233	0.901		27.233		
800	3.408	34.266	0.927		27.261		
900	3.258	34.324	0.929		27.322		
1000	2.951	34.344	0.792		27.366		
1014	2.984	34.357	0.846		27.373		

Station: W-10D
 Latitude:37-00.01N Longitude:143-59.93E Depth:6101M
 Date:1998/10/19 TIME:10:00

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
3	22.066	33.643	4.757		23.169		
5	22.067	33.643	4.729		23.168		
10	22.057	33.644	4.720		23.172		
20	22.027	33.645	4.700		23.181		
30	22.012	33.650	4.682		23.189		
40	21.621	33.777	4.679		23.394		
50	-9.990e-	9.990e-2	.990e-29		9.990e-2		
60	17.086	34.153	4.830		24.843		
70	16.395	34.411	4.306		25.204		
75	16.140	34.505	4.098		25.334		
80	15.529	34.517	4.085		25.482		
90	14.076	34.420	4.230		25.723		
100	13.539	34.418	4.242		25.832		
125	11.789	34.324	4.290		26.104		
150	10.169	34.164	4.617		26.270		
175	7.695	33.825	5.521		26.395		
200	4.839	33.472	6.401		26.482		
250	3.939	33.481	6.087		26.584		
300	3.826</						

Station: W-9D
 Latitude:37-15.01N Longitude:143-59.93E Depth:6377M
 Date:1998/10/19 TIME:12:15

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
6	23.264	33.716	4.548		22.884		
10	23.266	33.714	4.501		22.882		
20	23.268	33.715	4.466		22.882		
30	23.226	33.733	4.434		22.907		
40	20.575	34.090	4.284		23.915		
50	18.114	34.349	4.165		24.745		
60	16.667	34.424	4.110		25.151		
70	15.287	34.385	4.167		25.434		
75	14.668	34.345	4.260		25.539		
80	14.366	34.385	4.190		25.634		
90	13.722	34.354	4.220		25.745		
100	13.690	34.472	3.953		25.844		
125	12.638	34.409	4.012		26.007		
150	11.609	34.361	3.956		26.166		
175	10.657	34.316	3.877		26.304		
200	9.831	34.271	3.756		26.411		
250	8.132	34.167	3.641		26.599		
300	7.074	34.126	3.310		26.720		
400	5.011	33.990	2.869		26.873		
500	4.385	34.090	1.915		27.022		
600	4.027	34.178	1.423		27.130		
700	3.400	34.196	0.911		27.206		
750	3.424	34.250	0.934		27.247		
800	3.481	34.305	1.040		27.285		
900	3.237	34.358	0.988		27.350		
1000	2.894	34.374	0.844		27.395		
1009	2.880	34.377	0.849		27.398		

Station: W-8D
 Latitude:37-30.044 Longitude:144-00.00E Depth:6718M
 Date:1998/10/19 TIME:14:20

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
6	23.408	33.812	4.600		22.915		
10	23.411	33.810	4.513		22.913		
20	23.397	33.827	4.478		22.929		
30	23.365	33.860	4.446		22.964		
40	21.679	34.355	4.173		23.817		
50	18.383	34.277	4.735		24.624		
60	16.897	34.349	4.461		25.039		
70	16.203	34.466	4.166		25.290		
75	15.850	34.468	4.110		25.372		
80	15.443	34.478	4.351		25.471		
90	15.069	34.493	4.276		25.565		
100	14.359	34.493	4.461		25.719		
125	12.993	34.447	4.477		25.966		
150	11.981	34.389	4.565		26.118		
175	11.272	34.343	4.858		26.215		
200	10.561	34.288	4.674		26.299		
250	8.739	34.083	5.111		26.441		
300	6.942	33.917	4.839		26.573		
400	6.043	34.059	3.156		26.803		
500	4.953	34.090	2.294		26.959		
600	4.096	34.105	1.614		27.064		
700	3.555	34.159	1.056		27.162		
750	3.536	34.212	1.026		27.206		
800	3.396	34.235	0.923		27.237		
900	3.228	34.302	0.891		27.307		
1000	3.019	34.342	0.838		27.358		
1003	2.994	34.340	0.829		27.359		

Station: W-6-2
 Latitude:38-07.54N Longitude:144-00.00E Depth:7435M
 Date:1998/10/19 TIME:19:40

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
1	21.361	34.132	4.728		23.735		
5	21.308	34.134	4.710		23.751		
10	21.273	34.135	4.695		23.761		
20	21.261	34.136	4.678		23.765		
30	20.955	34.176	4.646		23.879		
40	20.108	34.261	4.589		24.170		
50	17.762	34.528	4.334		24.968		
60	15.664	34.569	4.137		25.492		
70	14.293	34.513	4.260		25.748		
75	13.971	34.502	4.310		25.808		
80	12.827	34.445	4.604		25.997		
90	12.104	34.394	5.038		26.098		
100	11.584	34.360	5.393		26.170		
125	11.395	34.351	5.630		26.198		
150	11.360	34.351	5.668		26.204		
175	11.335	34.350	5.669		26.208		
200	11.313	34.347	5.639		26.210		
250	11.249	34.339	5.577		26.216		
300	11.105	34.319	5.518		26.226		
400	9.649	34.120	5.269		26.323		
500	5.629	33.638	6.135		26.522		
600	4.585	33.709	4.563		26.697		
700	4.241	33.882	2.850		26.871		
750	4.057	33.950	2.218		26.945		
800	3.922	34.031	1.712		27.023		
900	3.726	34.133	1.177		27.124		
1000	3.477	34.226	0.940		27.223		
1018	3.424	34.239	.990e-29		27.238		

Station: W-11D
 Latitude:38-45.09N Longitude:144-00.19E Depth:5976M
 Date:1998/10/19 TIME:08:05

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
2	24.303	33.869	4.440		22.695		
5	24.305	33.869	4.420		22.695		
10	24.303	33.868	4.397		22.695		
20	24.298	33.870	4.376		22.698		
30	23.490	34.039	4.256		23.063		
40	20.490	33.974	4.318		23.850		
50	20.493	34.581	3.914		24.312		
60	19.558	34.585	3.882		24.560		
70	18.075	34.674	3.904		25.003		
75	17.964	34.677	3.928		25.033		
80	17.740	34.676	3.938		25.088		
90	16.891	34.662	3.948		25.281		
100	16.273	34.636	3.909		25.405		
125	14.657	34.577	3.838		25.720		
150	12.294	34.330	4.256		26.012		
175	11.645	34.359	4.098		26.158		
200	10.647	34.303	4.021		26.295		
250	8.644	34.180	3.912		26.532		
300	6.230	33.931	4.224		26.679		
400	3.875	33.789	3.265		26.835		
500	3.807	33.989	1.701		27.001		
600	4.641	34.281	1.723		27.146		
700	3.791	34.274	1.252		27.230		
750	3.541	34.297	1.104		27.273		
800	3.392	34.325	1.049		27.310		
900	3.196	34.362	1.016		27.358		
1000	2.896	34.409	0.937		27.423		
1003	2.883	34.411	0.938		27.426		

Station: W-2D
 Latitude:38-59.99N Longitude:144-00.18E Depth:5717M
 Date:1998/10/20 TIME:02:35

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
1	20.821	33.531	4.752		23.423		
5	20.816	33.531	4.724		23.426		
10	20.790	33.527	4.719		23.429		
20	20.546	33.498	4.718		23.472		
30	20.090	33.504	4.695		23.597		
40	17.246	34.187	4.339		24.832		
50	16.202	34.458	4.165		25.284		
60	15.424	34.452	4.089		25.456		
70	15.070	34.498	3.976		25.569		
75	14.844	34.458	4.050		25.588		
80	14.494	34.410	4.144		25.626		
90	14.203	34.418	4.096		25.694		
100	13.592	34.406	4.089		25.813		
125	12.455	34.410	3.839		26.043		
150	11.526	34.364	3.838		26.184		
175	10.524	34.319	3.839		26.330		
200	9.296	34.230	4.008		26.468		
250	6.105	33.819	4.716		26.606		
300	4.498	33.675	4.624		26.680		
400	4.284	33.848	3.040		26.840		
500	3.491	33.886	1.948		26.950		
600	3.519	34.008	1.257		27.045		
700	3.677	34.174	1.045		27.161		
750	3.538	34.222	0.970		27.214		
800	3.381	34.246	0.871		27.248		
900	3.168	34.303	0.824		27.313		
1000	3.016	34.354	0.844		27.368		
1009	3.010	34.357	.990e-29		27.371		

Station: W-1D
 Latitude:39-15.11N Longitude:144-00.18E Depth:5076M
 Date:1998/10/20 TIME:05:00

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
6	18.267	33.143	5.091		23.785		
10	18.241	33.134	5.053		23.784		
20	17.693	32.977	5.096		23.798		
30	17.462	32.931	5.102		23.817		
40	17.146	33.402	4.944		24.254		
50	13.026	33.639	5.210		25.333		
60	10.697	33.841	5.307		25.927		
70	10.063	33.837	5.389		26.033		
75	9.939	33.820	5.427		26.041		
80	9.445	33.774	5.512		26.086		
90	9.156	33.866	5.614		26.205		
100	7.604	33.669	5.784		26.286		
125	5.448	33.508	6.077		26.441		
150	5.159	33.541	5.988		26.500		
175	4.864	33.547	5.896		26.539		
200	4.970	33.603	5.587		26.571		
250	3.152	33.511	4.929		26.683		
300	3.777	33.702	3.666		26.776		
400	3.770	33.871	2.319		26.911		
500	3.887	34.007	1.623		27.007		
600	3.714	34.					

Station: W-17D
 Latitude:38-07.69N Longitude:143-15.07E Depth:2732M
 Date:1998/10/20 TIME:19:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	21.333	34.065	4.653		23.692		
5	21.335	34.066	4.619		23.692		
10	21.338	34.065	4.591		23.690		
20	21.341	34.066	4.575		23.690		
30	21.347	34.066	4.565		23.688		
40	21.334	34.082	4.551		23.704		
50	20.658	34.228	4.518		23.998		
60	18.587	34.469	4.398		24.720		
70	17.287	34.547	4.171		25.098		
75	16.994	34.559	4.076		25.177		
80	16.620	34.575	3.979		25.277		
90	16.033	34.585	3.895		25.421		
100	15.683	34.575	3.893		25.493		
125	14.219	34.501	3.948		25.755		
150	12.909	34.412	4.128		25.956		
175	12.056	34.333	4.318		26.060		
200	11.093	34.285	4.565		26.201		
250	9.133	34.074	4.847		26.372		
300	6.043	33.705	5.590		26.524		
400	4.643	33.721	4.508		26.701		
500	4.442	33.883	3.011		26.851		
600	4.111	34.015	1.956		26.991		
700	3.846	34.112	1.307		27.095		
750	3.677	34.153	1.157		27.145		
800	3.590	34.187	1.065		27.180		
900	3.340	34.247	0.890		27.252		
1000	3.196	34.309	0.883		27.315		
1007	3.212	34.316	0.901		27.320		

Station: W-18D
 Latitude:38-07.50N Longitude:143-30.07E Depth:3625M
 Date:1998/10/20 TIME:21:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	22.828	34.009	4.470		23.231		
10	22.831	34.009	4.410		23.231		
20	22.833	34.009	4.372		23.230		
30	21.677	34.054	4.481		23.588		
40	19.949	34.486	4.474		24.383		
50	17.976	34.539	3.971		24.925		
60	16.793	34.510	4.101		25.187		
70	16.148	34.525	4.036		25.348		
75	15.959	34.523	4.028		25.390		
80	15.716	34.522	4.033		25.444		
90	15.456	34.542	4.003		25.518		
100	15.066	34.531	4.011		25.596		
125	13.962	34.499	4.006		25.808		
150	12.868	34.442	4.056		25.986		
175	11.850	34.373	4.495		26.131		
200	11.175	34.320	5.044		26.214		
250	10.197	34.205	5.092		26.298		
300	7.933	33.915	5.476		26.431		
400	5.526	33.692	5.451		26.577		
500	4.228	33.729	3.879		26.752		
600	4.272	33.939	2.418		26.914		
700	4.138	34.094	1.591		27.051		
750	3.725	34.097	1.255		27.096		
800	3.614	34.154	1.035		27.151		
900	3.495	34.237	0.961		27.230		
1000	3.253	34.294	0.872		27.298		
1003	3.251	34.294	.990e-29		27.298		

Station: W-19D
 Latitude:38-07.50N Longitude:143-44.84E Depth:5600M
 Date:1998/10/20 TIME:23:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	20.616	34.103	4.750		23.914		
10	20.616	34.103	4.715		23.914		
20	20.618	34.103	4.678		23.914		
30	20.620	34.104	4.652		23.913		
40	20.544	34.130	4.603		23.954		
50	18.653	34.431	4.372		24.674		
60	17.135	34.512	4.199		25.107		
70	-9.990e-2	9.990e-2	9.990e-29		9.990e-2		
75	16.305	34.615	3.901		25.381		
80	16.042	34.607	3.898		25.436		
90	15.320	34.607	3.843		25.598		
100	14.657	34.565	3.880		25.711		
125	13.092	34.466	4.189		25.960		
150	11.720	34.370	4.980		26.153		
175	11.326	34.342	5.511		26.204		
200	11.249	34.338	5.569		26.215		
250	11.070	34.319	5.569		26.232		
300	10.819	34.283	5.463		26.250		
400	6.526	33.733	5.812		26.484		
500	5.021	33.665	5.253		26.614		
600	4.483	33.832	3.391		26.806		
700	3.902	33.944	2.042		26.956		
750	3.935	34.044	1.582		27.032		
800	3.770	34.092	1.308		27.087		
900	3.546	34.202	0.963		27.197		
1000	3.527	34.285	.990e-29		27.265		
1001	3.525	34.286	.990e-29		27.266		

Station: W-20-
 Latitude:38-07.50N Longitude:143-59.72E Depth:7443M
 Date:1998/10/21 TIME:00:55

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
1	21.193	34.071	4.606		23.734		
5	21.206	34.071	4.566		23.730		
10	21.206	34.070	4.545		23.730		
20	21.210	34.070	4.546		23.729		
30	21.019	34.107	4.511		23.809		
40	19.256	34.355	4.419		24.462		
50	16.728	34.503	4.210		25.197		
60	16.119	34.523	4.160		25.353		
70	15.695	34.501	4.248		25.433		
75	15.173	34.520	4.211		25.564		
80	14.828	34.509	4.268		25.631		
90	13.552	34.466	4.470		25.867		
100	12.857	34.432	4.669		25.981		
125	11.510	34.356	5.347		26.181		
150	11.407	34.350	5.497		26.195		
175	11.371	34.351	5.507		26.202		
200	11.343	34.350	5.511		26.207		
250	11.271	34.342	5.481		26.213		
300	11.177	34.330	5.440		26.221		
400	9.127	34.053	5.247		26.356		
500	5.572	33.635	6.024		26.527		
600	4.460	33.694	4.348		26.699		
700	4.243	33.892	2.735		26.880		
750	4.168	33.982	2.081		26.959		
800	3.892	34.051	1.492		27.042		
900	3.672	34.153	1.045		27.145		
1000	3.629	34.272	1.040		27.244		
1002	3.634	34.273	1.044		27.245		

Station: W-20-
 Latitude:38-08.48N Longitude:143-57.57E DEPTH:7227m
 Date:1998/10/21 TIME:02:20

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
1	21.227	34.065	4.550		23.721		
5	21.225	34.066	4.517		23.721		
10	21.232	34.065	4.502		23.719		
20	21.230	34.066	4.501		23.720		
30	20.840	34.148	4.457		23.889		
40	19.166	34.355	4.418		24.486		
50	17.248	34.519	4.143		25.086		
60	16.162	34.544	4.026		25.360		
70	15.092	34.513	4.189		25.576		
75	14.728	34.503	4.232		25.647		
80	14.415	34.502	4.255		25.714		
90	13.166	34.450	4.458		25.933		
100	12.337	34.403	4.804		26.060		
125	11.470	34.353	5.368		26.186		
150	11.392	34.349	5.488		26.197		
175	11.346	34.350	5.522		26.206		
200	11.317	34.347	5.522		26.209		
200	11.315	34.347	.990e-29		26.209		
202	11.312	34.347	5.514		26.210		

Station: W-20-
 Latitude:38-09.37N Longitude:143-56.52E DEPTH:7070m
 Date:1998/10/21 TIME:03:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
1	21.213	34.062	4.524		23.722		
5	21.216	34.062	4.500		23.721		
10	21.221	34.062	4.496		23.719		
20	21.226	34.062	4.488		23.718		
30	21.222	34.063	4.497		23.720		
40	19.055	34.373	4.382		24.528		
50	17.608	34.511	4.182		24.993		
60	15.857	34.541	4.056		25.427		
70	15.118	34.511	4.175		25.568		
75	14.715	34.507	4.223		25.654		
80	14.517	34.501	4.248		25.692		
90	13.250	34.456	4.446		25.921		
100	12.450	34.412	4.727		26.046		
125	11.455	34.353	5.369		26.188		
150	11.384	34.349	5.484		26.199		
175	11.347	34.350	5.529		26.206		
200	11.319	34.348	5.540		26.209		
203	11.319	34.347	5.536		26.209		

Station: W-20
 Latitude:38-11.93N Longitude:143-59.78E DEPTH:7245m
 Date:1998/10/21 TIME:09:35

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
4	21.079	34.096	4.594		23.784		
5	21.079	34.096	4.575		23.784		
10	21.080	34.095	4.566		23.783		
20	21.096	34.094	4.538		23.778		
30	21.095	34.095	4.540		23.779		
40	17.920	34.521	4.310		24.925		
50	16.692	34.524	4.147		25.222		
60	15.020	34.532	4.150		25.606		
70	13.993	34.497	4.320		25.800		
75	13.374	34.460	4.475		25.899		
80	13.176	34.446	4.562		25.928		
90	12.053	34.392	5.008		26.107		
100	11.711	34.371	5.207		26.155		
125	11.423	34.351	5.486		26.193		
150	11.391	34.351	5.551		26.199		
175	11.361	34.351	5.574		26.204		
200	11.331	34.349	5.568		26.208		
203	11.330	34.348	5.573		26.208		

Station: W-21D
 Latitude:38-07.47N Longitude:144-14.83E DEPTH:6435m
 Date:1998/10/21 TIME:11:20

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	21.067	34.112	4.609		23.800		
5	21.068	34.112	4.574		23.799		
10	21.064	34.112	4.556		23.800		
20	21.061	34.112	4.541		23.801		
30	21.039	34.118	4.521		23.812		
40	18.127	34.433	4.306		24.806		
50	-9.990e-2	9.990e-2	.990e-29		9.990e-2		
60	14.993	34.545	4.064		25.623		
70	14.052	34.503	4.199		25.792		
75	13.220	34.458	4.421		25.929		
80	12.983	34.443	4.503		25.964		
90	12.070	34.391	4.937		26.102		
100	11.831	34.373	5.109		26.134		
125	11.427	34.352	5.447		26.193		
150	11.387	34.352	5.516		26.200		
175	11.362	34.351	5.537		26.204		
200	11.339	34.350	5.539		26.207		
250	11.292	34.344	5.497		26.211		
300	11.189	34.330	5.444		26.219		
400	10.113	34.175	5.234		26.288		
500	5.899	33.663	6.009		26.508		
600	4.594	33.668	4.704		26.664		
700	4.268	33.860	2.987		26.851		
750	4.206	33.922	2.461		26.907		
800	3.953	34.021	1.782		27.012		
900	3.699	34.144	1.123		27.136		
1000	3.540	34.218	0.985		27.210		
1002	3.536	34.219	0.973		27.211		

Station: W-22D
 Latitude:38-07.50N Longitude:144-30.00E DEPTH:5950m
 Date:1998/10/21 TIME:13:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	21.412	34.056	4.617		23.663		
10	21.435	34.058	4.544		23.658		
20	21.421	34.057	4.496		23.662		
30	21.423	34.058	4.478		23.661		
40	21.302	34.077	4.457		23.709		
50	17.930	34.525	4.179		24.925		
60	17.073	34.570	4.057		25.166		
70	16.331	34.564	3.999		25.336		
75	15.523	34.567	3.980		25.522		
80	14.990	34.555	3.982		25.631		
90	13.633	34.475	4.319		25.858		
100	13.155	34.454	4.411		25.939		
125	11.599	34.358	5.204		26.166		
150	11.384	34.346	5.442		26.196		
175	11.332	34.345	5.483		26.205		
200	11.281	34.343	5.498		26.213		
250	11.162	34.329	5.476		26.224		
300	10.965	34.302	5.428		26.238		
400	7.353	33.835	5.614		26.452		
500	5.137	33.654	5.448		26.593		
600	4.384	33.750	3.880		26.752		
700	4.201	33.942	2.348		26.924		
750	4.088	33.983	2.010		26.968		
800	3.891	34.048	1.606		27.040		
900	3.714	34.144	1.111		27.134		
1000	3.414	34.253	0.905		27.250		
1002	3.410	34.253	.990e-29		27.250		

Station: W-28D
 Latitude:38-07.52N Longitude:145-59.95E DEPTH:5198m
 Date:1998/10/21 TIME:18:57

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	22.211	34.087	4.482		23.465		
10	22.208	34.087	4.407		23.466		
20	22.212	34.087	4.400		23.465		
30	22.212	34.088	4.392		23.465		
40	22.221	34.093	4.400		23.467		
50	21.248	34.314	4.369		23.904		
60	18.440	34.600	4.108		24.856		
70	17.501	34.597	3.922		25.085		
75	17.449	34.651	3.783		25.139		
80	17.202	34.651	3.774		25.198		
90	16.529	34.652	3.784		25.358		
100	15.742	34.641	3.901		25.530		
125	14.457	34.556	3.957		25.747		
150	13.204	34.478	4.143		25.948		
175	12.375	34.421	4.371		26.068		
200	11.699	34.389	4.984		26.171		
250	10.700	34.307	5.282		26.289		
300	9.462	34.173	4.906		26.396		
400	6.476	33.907	4.410		26.628		
500	5.470	33.994	3.121		26.822		
600	4.384	34.049	2.021		26.989		
700	4.153	34.161	1.492		27.102		
750	3.960	34.199	1.284		27.153		
800	3.940	34.247	1.247		27.194		
900	3.548	34.297	1.035		27.272		
1000	3.246	34.333	0.910		27.330		
1003	3.242	34.334	0.912		27.331		

Station: E-4D
 Latitude:35-46.25N Longitude:142-42.68E DEPTH:3834m
 Date:1998/10/23 TIME:17:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
11	20.742	33.387	4.829		23.336		
20	20.743	33.390	4.772		23.338		
30	20.728	33.397	4.768		23.347		
40	17.058	33.610	5.416		24.433		
40	16.523	33.600	5.489		24.551		
44	15.884	33.618	5.546		24.711		

Station: E-5D
 Latitude:35-28.59N Longitude:142-38.43E DEPTH:6645m
 Date:1998/10/24 TIME:00:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	20.787	30.348	4.113		21.013		
5	20.571	28.799	3.865		19.892		
10	20.783	33.645	4.855		23.521		
20	20.830	33.685	4.770		23.539		
30	20.845	33.754	4.729		23.587		
40	17.825	33.846	5.052		24.431		
50	14.503	34.094	4.829		25.381		
60	14.068	34.295	4.430		25.628		
70	13.649	34.334	4.280		25.745		
75	13.529	34.323	4.322		25.761		
80	13.293	34.314	4.340		25.802		
90	12.365	34.247	4.473		25.934		
100	11.616	34.209	4.551		26.046		
125	10.887	34.274	4.089		26.231		
150	10.399	34.269	3.865		26.312		
175	9.578	34.241	3.654		26.430		
200	7.715	34.046	4.026		26.566		
250	7.106	34.139	3.136		26.726		
300	6.139	34.121	2.710		26.840		
400	4.152	34.033	1.769		27.001		
500	4.245	34.189	1.482		27.116		
600	3.997	34.277	1.352		27.211		
700	3.495	34.295	1.060		27.275		
750	3.319	34.313	0.975		27.307		
800	3.277	34.346	1.044		27.337		
900	2.926	34.372	0.889		27.390		
1000	2.834	34.421	1.007		27.438		
1006	2.820	34.425	.990e-29		27.443		

Station: E-5-2
 Latitude:35-26.81N Longitude:142-39.51E DEPTH:6354m
 Date:1998/10/24 TIME:02:13

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	20.538	33.039	4.014		23.125		
10	20.424	29.050	3.952		20.121		
20	20.861	33.795	4.740		23.614		
30	20.853	33.797	4.683		23.618		
40	17.633	33.807	4.949		24.448		
50	15.143	33.957	4.873		25.136		
60	14.989	34.291	4.306		25.427		
70	13.834	34.340	4.160		25.711		
75	13.671	34.344	4.143		25.748		
80	13.235	34.308	4.226		25.810		
90	12.693	34.273	4.270		25.890		
100	12.162	34.277	4.232		25.996		
102	12.143	34.275	4.237		25.998		

Station: E-6D
 Latitude:35-15.04N Longitude:142-26.54E DEPTH:6870m
 Date:1998/10/24 TIME:03:57

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
10	23.639	34.228	4.337		23.163		
20	23.465	34.181	4.251		23.178		
30	23.209	34.124	4.263		23.209		
40	22.891	34.085	4.285		23.271		
50	22.849	34.099	4.290		23.293		
60	18.232	34.246	4.043		24.637		
70	17.833	34.541	3.673		24.961		
75	17.686	34.561	3.625		25.012		
80	16.658	34.565	3.632		25.260		
90	15.950	34.567	3.642		25.426		
100	15.316	34.574	3.648		25.573		
125	14.221	34.549	3.623		25.792		
150	12.741	34.490	3.571		26.049		
175	11.491	34.345	3.985		26.176		
200	10.282	34.248	4.039		26.316		
250	8.384	34.132	3.895		26.534		
300	7.246	34.110	3.438		26.683		
400	5.525	34.087	2.569		26.889		
500	4.762	34.165	1.809		27.040		
600	4.056	34.212	1.299		27.153		
700	3.783	34.299	1.175		27.250		
750	3.521	34.305	1.009		27.281		
800	3.375	34.331	0.970		27.316		
900	3.197	34.380	1.007		27.371		
1000	2.964	34.420	1.033		27.425		
1007	2.950	34.422	.990e-29		27.428		

Station: E-7D
 Latitude:34-59.83N Longitude:142-19.13E DEPTH:7384m
 Date:1998/10/24 TIME:06:32

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
10	25.610	34.478	4.142		22.760		
20	25.630	34.482	4.006		22.757		
30	25.634	34.482	3.960		22.756		
40	25.625	34.481	3.976		22.758		
50	25.526	34.467	3.945		22.777		
60	22.656	34.037	4.165		23.301		
70	20.421	34.356	3.779		24.159		
75	19.481	34.502	3.608		24.517		
80	18.453	34.551	3.559		24.815		
90	16.800	34.611	3.587		25.262		
100	15.844	34.588	3.619		25.466		
125	14.872	34.588	3.770		25.682		
150	13.933	34.537	3.708		25.843		
175	12.909	34.489	3.667		26.015		
200	12.117	34.454	3.589		26.143		
215	11.713	34.438	.990e-29		26.207		

Station: E-9-1
 Latitude:34-27.91N Longitude:142-24.75E DEPTH:6359m
 Date:1998/10/26 TIME:00:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	25.304	33.736	3.331		22.294		
10	25.320	34.437	4.328		22.818		
20	25.322	34.439	4.189		22.819		
30	25.329	34.439	4.171		22.817		
40	25.326	34.439	4.173		22.818		
50	25.331	34.439	4.169		22.816		
60	25.333	34.440	4.172		22.817		
70	25.298	34.451	4.161		22.835		
75	23.886	34.730	4.117		23.471		
80	23.523	34.754	4.128		23.595		
90	22.383	34.812	4.070		23.967		
100	21.363	34.831	4.107		24.266		
125	20.156	34.837	4.212		24.596		
150	19.047	34.816	4.426		24.869		
175	18.198	34.807	4.322		25.075		
200	17.529	34.808	4.174		25.240		
210	17.269	34.800	4.206		25.296		

Station: E-9-2
 Latitude:34-27.65N Longitude:142-27.23E DEPTH:6402m
 Date:1998/10/26 TIME:01:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
3	25.292	33.931	4.104		22.445		
5	25.219	33.759	3.168		22.337		
10	24.934	33.006	3.096		21.855		
20	25.310	34.438	4.176		22.822		
30	25.312	34.438	4.133		22.821		
40	25.314	34.438	4.109		22.821		
50	25.316	34.438	4.105		22.820		
60	25.315	34.438	4.098		22.820		
70	24.067	34.714	4.021		23.405		
75	23.611	34.746	4.049		23.563		
80	23.338	34.766	4.028		23.658		
90	22.008	34.821	3.962		24.080		
100	20.905	34.837	3.969		24.396		
125	19.885	34.841	4.105		24.670		
150	18.915	34.815	4.387		24.901		
175	18.281	34.807	4.319		25.055		
200	17.660	34.817	4.184		25.215		
207	17.262	34.798	4.155		25.296		

Station: E-9-3
 Latitude:34-26.18N Longitude:142-29.97E DEPTH:6676m
 Date:1998/10/26 TIME:02:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
3	24.910	33.450	3.430		22.197		
5	25.108	33.223	3.781		21.966		
10	25.303	34.226	3.274		22.664		
20	25.305	34.438	4.184		22.823		
30	25.302	34.438	4.131		22.824		
40	25.309	34.438	4.116		22.822		
50	25.311	34.438	4.093		22.821		
60	25.308	34.439	4.070		22.823		
70	23.404	34.763	4.026		23.637		
75	22.760	34.790	3.986		23.843		
80	22.278	34.816	3.928		23.999		
90	21.567	34.830	3.949		24.208		
100	20.829	34.835	3.934		24.415		
125	19.743	34.836	4.141		24.704		
150	18.842	34.815	4.361		24.920		
175	18.328	34.807	4.319		25.043		
200	17.652	34.818	4.130		25.218		
208	17.225	34.798	4.139		25.305		

Station: E-9-4
 Latitude:34-25.32N Longitude:142-32.12E DEPTH:6689m
 Date:1998/10/26 TIME:03:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
3	24.871	33.341	3.503		22.126		
5	24.852	33.218	3.607		22.040		
10	24.524	28.291	3.481		18.419		
20	25.302	34.439	4.128		22.825		
30	25.305	34.440	4.088		22.825		
40	25.304	34.440	4.068		22.825		
50	25.301	34.441	4.075		22.827		
60	24.316	34.679	4.006		23.305		
70	23.508	34.757	3.953		23.601		
75	22.935	34.790	3.953		23.792		
80	22.785	34.789	3.975		23.835		
90	22.000	34.815	3.959		24.077		
100	21.369	34.831	3.964		24.264		
125	19.980	34.847	4.061		24.650		
150	19.202	34.820	4.288		24.831		
175	18.411	34.809	4.286		25.023		
200	17.853	34.819	4.149		25.169		
250	16.275	34.715	3.978		25.465		
300	14.447	34.587	3.830		25.773		
400	12.663	34.477	3.576		26.054		
500	10.156	34.376	3.010		26.438		
600	7.742	34.286	2.586		26.751		
700	6.060	34.255	2.136		26.956		
750	5.134	34.243	1.838		27.059		
800	4.848	34.295	1.693		27.133		
900	4.006	34.287	1.289		27.218		
1000	3.250	34.298	0.809		27.302		
1010	3.223	34.307	0.790		27.311		

Station: E-9-5
Latitude:34-15.24N Longitude:142-44.12E DEPTH:5496m
Date:1998/10/26 TIME:10:30

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
11	25.234	34.478	4.259		22.876		
20	25.232	34.480	4.151		22.877		
30	25.236	34.479	4.130		22.875		
40	25.222	34.476	4.132		22.877		
50	25.226	34.477	4.126		22.877		
60	25.232	34.479	4.129		22.877		
70	25.233	34.479	4.128		22.876		
75	25.062	34.514	4.124		22.955		
80	23.422	34.768	4.106		23.635		
90	23.142	34.785	4.045		23.730		
100	22.352	34.782	4.182		23.953		
125	20.197	34.831	4.156		24.581		
150	19.203	34.835	4.127		24.843		
175	18.662	34.807	4.377		24.959		
200	18.081	34.833	4.129		25.124		
250	17.073	34.791	4.135		25.336		
300	15.172	34.632	3.895		25.650		
400	13.457	34.521	3.855		25.929		
500	10.988	34.396	3.465		26.307		
600	7.767	34.290	2.973		26.751		
700	6.177	34.258	2.586		26.943		
750	5.524	34.279	2.372		27.042		
800	5.072	34.289	2.187		27.103		
900	4.222	34.291	1.828		27.199		
1000	3.705	34.334	1.559		27.286		
1000	3.710	34.333	1.548		27.285		
1001	3.697	34.335	1.553		27.288		

Station: E-11D
Latitude:34-30.00N Longitude:141-11.00E DEPTH:6812m
Date:1998/10/26 TIME:23:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
4	25.382	34.439	4.145		22.801		
5	25.393	34.439	4.128		22.798		
10	25.399	34.439	4.109		22.796		
20	25.394	34.440	4.111		22.797		
30	25.404	34.439	4.109		22.794		
40	25.407	34.439	4.106		22.793		
50	25.411	34.439	4.107		22.792		
60	25.406	34.440	4.104		22.794		
70	23.687	34.764	4.198		23.555		
75	23.020	34.796	4.180		23.773		
80	22.542	34.811	4.142		23.921		
90	21.717	34.823	4.232		24.162		
100	21.181	34.820	4.308		24.308		
125	19.904	34.828	4.337		24.655		
150	19.192	34.824	4.358		24.837		
175	18.834	34.816	4.349		24.923		
200	18.305	34.827	4.231		25.064		
250	17.507	34.798	4.189		25.238		
300	16.556	34.747	4.128		25.425		
400	13.624	34.534	3.887		25.905		
500	10.998	34.366	3.612		26.282		
600	6.589	34.251	2.533		26.884		
700	4.915	34.226	1.925		27.071		
750	4.490	34.268	1.689		27.152		
800	4.254	34.336	1.670		27.232		
900	3.558	34.354	1.293		27.317		
1000	3.201	34.388	1.143		27.378		
1003	3.191	34.390	.990e-29		27.380		

Station: E-9-6
Latitude:34-15.37N Longitude:142-47.33E DEPTH:5520m
Date:1998/10/26 TIME:12:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
12	25.207	34.463	4.198		22.872		
20	25.211	34.464	4.131		22.872		
30	25.215	34.464	4.109		22.870		
40	25.217	34.464	4.098		22.870		
50	25.217	34.465	4.081		22.870		
60	25.219	34.464	4.077		22.869		
70	25.217	34.465	4.072		22.871		
75	25.194	34.470	4.063		22.881		
80	23.538	34.760	4.067		23.595		
90	22.967	34.785	3.997		23.780		
100	21.837	34.789	4.141		24.103		
125	19.722	34.836	4.127		24.710		
150	19.040	34.828	4.134		24.879		
175	18.539	34.804	4.353		24.987		
200	18.002	34.810	.990e-29		25.126		
201	18.011	34.812	.990e-29		25.125		

Station: E-12D
Latitude:34-45.09N Longitude:141-07.55E DEPTH:6779m
Date:1998/10/27 TIME:01:16

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
4	25.290	34.486	4.140		22.865		
5	25.290	34.487	4.116		22.865		
10	25.283	34.487	4.094		22.867		
20	25.293	34.487	4.085		22.864		
30	25.292	34.488	4.078		22.865		
40	25.295	34.488	4.085		22.864		
50	25.297	34.488	4.078		22.864		
60	25.284	34.497	4.058		22.875		
70	24.438	34.678	3.860		23.267		
75	23.263	34.811	3.993		23.714		
80	22.775	34.839	4.002		23.876		
90	22.064	34.857	3.965		24.091		
100	21.608	34.871	3.961		24.229		
125	20.255	34.888	3.978		24.608		
150	19.325	34.879	4.016		24.845		
175	18.374	34.834	4.041		25.052		
200	17.871	34.801	4.262		25.151		
250	16.692	34.760	4.089		25.403		
300	15.181	34.649	3.998		25.661		
400	11.236	34.388	3.610		26.256		
500	7.646	34.273	2.767		26.755		
600	5.489	34.255	2.078		27.027		
700	4.863	34.307	1.791		27.141		
750	4.563	34.316	1.664		27.182		
800	4.283	34.322	1.563		27.217		
900	3.684	34.353	1.297		27.303		
1000	3.419	34.390	1.257		27.359		
1009	3.324	34.389	1.248		27.367		

Station: E-10D
Latitude:34-15.00N Longitude:141-15.00E DEPTH:9751m
Date:1998/10/26 TIME:21:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
1	25.756	34.436	4.182		22.683		
5	25.771	34.435	4.139		22.678		
10	25.776	34.436	4.109		22.677		
20	25.770	34.436	4.098		22.679		
30	25.781	34.436	4.091		22.676		
40	25.781	34.437	4.085		22.676		
50	25.782	34.437	4.078		22.676		
60	25.777	34.440	4.095		22.680		
70	24.758	34.622	4.105		23.128		
75	23.414	34.743	4.128		23.619		
80	23.179	34.757	4.011		23.697		
90	22.568	34.785	4.008		23.894		
100	21.962	34.804	4.036		24.079		
125	20.835	34.838	4.205		24.415		
150	19.916	34.837	4.317		24.659		
175	19.200	34.844	4.237		24.850		
200	18.594	34.823	4.279		24.989		
250	17.922	34.830	4.198		25.161		
300	17.302	34.786	4.142		25.278		
400	15.015	34.633	3.927		25.686		
500	11.812	34.423	3.647		26.176		
600	8.846	34.282	3.161		26.580		
700	6.032	34.235	2.354		26.944		
750	5.357	34.292	2.033		27.072		
800	4.631	34.319	1.792		27.177		
900	4.006	34.360	1.586		27.276		
1000	3.389	34.391	1.327		27.363		
1004	3.370	34.395	1.315		27.367		

Station: E-13D
Latitude:35-00.00N Longitude:141-03.88E DEPTH:9793m
Date:1998/10/27 TIME:03:21

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
4	-9.990e-	9.990e-2	.990e-29		9.990e-2		
5	25.284	34.523	4.120		22.894		
10	25.273	34.523	4.047		22.897		
20	25.290	34.523	4.018		22.892		
30	25.302	34.522	4.027		22.888		
40	25.278	34.526	4.037		22.898		
50	25.115	34.548	4.021		22.965		
60	23.935	34.716	3.882		23.445		
70	23.140	34.780	3.894		23.726		
75	22.750	34.791	3.891		23.846		
80	22.350	34.806	3.889		23.972		
90	21.559	34.822	3.908		24.205		
100	20.693	34.846	3.864		24.459		
125	-9.990e-	9.990e-2	.990e-29		9.990e-2		
150	17.691	34.794	3.968		25.190		
175	16.534	34.730	3.982		25.417		
200	15.613	34.680	4.033		25.588		
250	13.726	34.549	3.847		25.896		
300	11.146	34.397	3.508		26.279		
400	7.416	34.250	2.767		26.770		
500	6.178	34.253	2.301		26.940		
600	5.215	34.276	1.904		27.076		
700	4.479	34.294	1.603		27.174		
750	4.230	34.307	1.482		27.211		
800	3.636	34.292	1.141		27.259		
900	3.250	34.310	0.860		27.311		
1000	3.243	34.386	1.082		27.372		
1008	3.238	34.399	1.171		27.383		

Station: K-15
 Latitude:35-10.00 Longitude:142-20.00E Depth:7700
 Date:1998/9/09 Time:07:20

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
12	27.897	34.010	4.13	0.02	21.684	27.895	0.0000
20	27.644	34.031	4.11	0.01	21.782	27.639	0.0489
30	26.802	34.097	4.10	0.00	22.101	26.795	0.1069
40	25.781	34.302	4.07	0.00	22.575	25.772	0.1625
50	23.766	34.536	4.04	0.01	23.359	23.755	0.2111
75	20.253	34.671	3.96	0.00	24.444	20.239	0.3105
100	19.074	34.827	4.19	0.00	24.870	19.057	0.3934
125	18.237	34.763	4.21	0.00	25.032	18.216	0.4689
150	16.718	34.667	4.09	0.00	25.325	16.694	0.5394
175	15.695	34.632	4.06	0.00	25.533	15.668	0.6042
200	14.886	34.584	3.96	0.00	25.676	14.856	0.6648
250	13.095	34.516	3.85	0.00	25.998	13.061	0.7756
300	11.320	34.426	3.62	0.00	26.270	11.283	0.8732
350	10.050	34.363	3.42	0.00	26.446	10.010	0.9586
400	8.770	34.288	3.26	0.00	26.597	8.727	1.0367
450	8.066	34.288	2.99	0.00	26.704	8.020	1.1096
500	7.292	34.277	2.72	0.00	26.809	7.244	1.1777
550	5.953	34.275	2.28	0.00	26.986	5.905	1.2387
600	5.131	34.282	1.99	0.00	27.091	5.083	1.2924
650	4.749	34.300	1.83	0.00	27.149	4.698	1.3426
700	4.468	34.324	1.71	0.00	27.199	4.414	1.3903
750	4.154	34.351	1.64	0.00	27.253	4.098	1.4353
800	3.904	34.373	1.57	0.00	27.297	3.846	1.4781
900	3.245	34.385	1.17	0.00	27.372	3.183	1.5575
1000	3.035	34.413	1.11	0.00	27.413	2.967	1.6317

Station: K-1D
 Latitude:35-01.25 Longitude:140-30.41E Depth:220m
 Date:1998/8/13 Time:21:21

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
6	25.008	33.264	4.52	0.00	22.027	25.007	0.0000
10	24.566	33.131	4.60	0.01	22.059	24.564	0.0231
20	24.549	33.349	4.49	0.01	22.230	24.545	0.0799
30	24.590	33.439	4.38	0.01	22.285	24.584	0.1357
40	24.399	33.618	4.33	0.00	22.478	24.390	0.1907
50	21.125	34.471	4.31	0.00	24.057	21.115	0.2380
75	18.487	34.612	4.03	0.01	24.854	18.473	0.3241
100	16.263	34.624	3.92	0.00	25.398	16.247	0.3961

Station: K-2D
 Latitude:34-52.50 Longitude:140-45.67E Depth:2279M
 Date:1998/9/07 Time:23:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
6	26.232	33.432	4.18	0.00	21.779	26.231	0.0000
10	26.128	33.439	4.18	0.00	21.816	26.126	0.0241
20	25.336	33.388	4.26	0.01	22.022	25.332	0.0836
30	23.714	33.053	4.50	0.00	22.251	23.708	0.1401
40	22.857	33.611	4.23	0.00	22.922	22.849	0.1924
50	19.867	33.540	4.88	0.01	23.683	19.858	0.2379
75	18.008	34.565	3.99	0.01	24.937	17.996	0.3272
100	16.018	34.548	3.92	0.00	25.396	16.002	0.3965
125	15.043	34.589	3.89	0.00	25.646	15.024	0.4587
150	12.438	34.477	3.71	0.00	26.098	12.418	0.5125
175	11.517	34.427	3.62	0.00	26.235	11.495	0.5590
200	10.700	34.387	3.58	0.00	26.352	10.676	0.6032
250	9.122	34.323	3.26	0.00	26.569	9.094	0.6837
300	8.002	34.250	3.10	0.00	26.685	7.972	0.7560
350	6.880	34.202	2.89	0.00	26.806	6.848	0.8229
400	6.055	34.162	2.66	0.00	26.883	6.021	0.8852
450	5.824	34.182	2.45	0.00	26.928	5.786	0.9448
500	5.190	34.167	2.16	0.00	26.993	5.150	1.0020
550	4.300	34.106	1.65	0.00	27.043	4.260	1.0557
600	4.069	34.156	1.46	0.00	27.107	4.025	1.1065
650	3.918	34.189	1.32	0.00	27.150	3.872	1.1556
700	3.758	34.204	1.19	0.00	27.178	3.708	1.2030
750	3.559	34.237	1.03	0.00	27.224	3.507	1.2485
800	3.428	34.273	1.02	0.00	27.265	3.372	1.2923
900	3.203	34.308	0.91	0.00	27.314	3.142	1.3760
1000	3.092	34.373	1.02	0.00	27.376	3.024	1.4538

Station: K-16
 Latitude:35-20.00 Longitude:142-24.61 Depth:7200
 Date:1998/9/09 Time:09:48

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
5	27.337	34.098	4.15	0.00	21.931	27.336	0.0000
10	27.339	34.098	4.13	0.01	21.930	27.337	0.0294
20	27.334	34.097	4.12	0.01	21.931	27.329	0.0882
30	22.506	33.329	4.59	-0.00	22.807	22.500	0.1442
40	20.460	33.765	4.67	0.00	23.699	20.452	0.1905
50	19.313	33.940	4.78	0.02	24.132	19.304	0.2305
75	18.647	34.615	4.07	0.00	24.816	18.634	0.3161
100	17.128	34.627	3.99	0.00	25.197	17.112	0.3904
125	15.639	34.626	3.95	0.00	25.542	15.619	0.4557
150	14.716	34.600	4.06	0.00	25.726	14.693	0.5149
175	13.568	34.531	3.84	0.00	25.915	13.543	0.5700
200	12.764	34.496	3.78	0.00	26.050	12.737	0.6216
250	11.570	34.437	3.59	0.00	26.233	11.539	0.7171
300	9.971	34.365	3.36	0.00	26.461	9.936	0.8035
350	8.484	34.292	3.14	0.00	26.644	8.447	0.8800
400	7.558	34.272	2.89	0.00	26.767	7.519	0.9492
450	6.463	34.266	2.50	0.00	26.913	6.423	1.0123
500	5.876	34.284	2.29	0.00	27.002	5.833	1.0700
550	5.277	34.285	2.05	0.00	27.076	5.232	1.1238
600	4.536	34.322	1.78	0.00	27.189	4.490	1.1721
650	4.274	34.345	1.71	0.00	27.236	4.225	1.2173
700	3.792	34.322	1.40	0.00	27.268	3.742	1.2606
750	3.574	34.336	1.23	0.00	27.301	3.521	1.3023
800	3.401	34.356	1.14	0.00	27.334	3.345	1.3426
900	3.074	34.392	1.10	0.00	27.393	3.013	1.4189
1000	2.903	34.420	1.09	0.00	27.431	2.836	1.4907

Station: K-12
 Latitude:35-29.79 Longitude:141-59.90E Depth:4603
 Date:1998/9/09 Time:03:30

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
3	23.725	33.626	4.65	0.02	22.683	23.724	0.0000
10	23.722	33.634	4.63	0.01	22.689	23.720	0.0361
20	23.698	33.704	4.61	0.00	22.749	23.694	0.0875
30	22.588	33.585	4.74	0.00	22.978	22.582	0.1377
40	18.989	33.921	5.34	0.00	24.199	18.982	0.1819
50	15.861	34.061	5.17	0.01	25.057	15.853	0.2137
75	13.075	33.924	5.62	-0.00	25.545	13.064	0.2793
100	12.082	33.975	5.46	0.00	25.778	12.069	0.3375
125	11.030	34.056	5.21	0.00	26.035	11.015	0.3894
150	9.538	33.948	5.21	0.00	26.208	9.521	0.4373
175	8.367	33.833	5.64	0.00	26.303	8.349	0.4822
200	7.557	33.822	5.66	0.00	26.413	7.538	0.5245
250	4.854	33.559	6.14	0.00	26.549	4.835	0.6020
300	3.619	33.499	5.71	0.00	26.630	3.599	0.6748
350	3.274	33.593	4.26	0.00	26.737	3.252	0.7434
400	3.989	33.825	3.07	0.00	26.852	3.961	0.8074
450	4.431	33.987	2.36	0.00	26.935	4.398	0.8667
500	4.951	34.152	2.07	0.00	27.009	4.911	0.9227
550	4.626	34.207	1.78	0.00	27.089	4.583	0.9752
600	4.451	34.258	1.65	0.00	27.148	4.406	1.0249
650	4.362	34.313	1.67	0.00	27.201	4.313	1.0721
700	4.112	34.338	1.56	0.00	27.248	4.061	1.1169
750	3.453	34.308	1.18	0.00	27.291	3.401	1.1593
800	3.314	34.340	1.14	0.00	27.329	3.260	1.1999
900	3.073	34.375	1.08	0.00	27.379	3.013	1.2766
1000	2.877	34.412	1.04	0.00	27.427	2.811	1.3493

Station: K-17
 Latitude:35-30.00 Longitude:142-30.00 Depth:6844
 Date:1998/9/09 Time:11:48

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
6	26.340	33.536	4.36	0.00	21.823	26.338	0.0000
10	26.344	33.535	4.32	0.00	21.821	26.342	0.0239
20	26.336	33.536	4.31	0.02	21.825	26.331	0.0838
30	24.605	33.860	4.47	0.01	22.599	24.599	0.1388
40	22.168	33.900	4.73	0.00	23.335	22.160	0.1873
50	17.597	33.830	5.51	0.00	24.474	17.589	0.2266
75	15.630	34.316	4.65	0.00	25.305	15.619	0.3001
100	13.732	34.064	5.24	0.00	25.519	13.717	0.3644
125	14.663	34.584	4.04	0.00	25.725	14.645	0.4238
150	13.817	34.550	3.93	0.00	25.878	13.796	0.4795
175	12.766	34.498	3.80	0.00	26.051	12.743	0.5315
200	11.667	34.444	3.65	0.00	26.220	11.642	0.5792
250	10.055	34.375	3.37	0.00	26.454	10.026	0.6653
300	8.859	34.328	3.12	0.00	26.615	8.826	0.7426
350	7.297	34.285	2.77	0.00	26.814	7.264	0.8108
400	6.527	34.280	2.50	0.00	26.916	6.490	0.8723
450	5.757	34.284	2.20	0.00	27.017	5.719	0.9291
500	5.2						

Station: K-18
 Latitude:35-45.24 Longitude:142-37.00 Depth:3979
 Date:1998/9/09 Time:14:23

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
6	25.293	33.454	4.55	-0.00	22.084	25.291	0.0000
10	25.294	33.454	4.50	0.01	22.084	25.292	0.0229
20	24.910	33.698	4.50	0.01	22.385	24.906	0.0798
30	20.673	34.517	4.46	0.01	24.214	20.668	0.1226
40	19.382	34.585	3.98	0.01	24.606	19.375	0.1574
50	18.539	34.628	3.99	0.00	24.853	18.530	0.1897
75	17.023	34.652	4.03	0.00	25.242	17.010	0.2619
100	15.762	34.633	4.02	0.01	25.519	15.747	0.3274
125	14.198	34.572	3.97	0.00	25.814	14.179	0.3862
150	13.069	34.513	3.89	0.00	26.002	13.049	0.4390
175	11.949	34.461	3.80	0.00	26.180	11.926	0.4880
200	10.371	34.391	3.55	0.00	26.412	10.348	0.5322
250	8.805	34.321	3.27	0.00	26.617	8.779	0.6087
300	7.742	34.286	2.95	0.00	26.751	7.712	0.6782
350	6.866	34.279	2.64	0.00	26.869	6.834	0.7422
400	6.081	34.285	2.40	0.00	26.977	6.046	0.8013
450	5.399	34.289	2.14	0.00	27.065	5.362	0.8552
500	4.818	34.305	1.91	0.00	27.145	4.779	0.9048
550	4.195	34.275	1.59	0.00	27.189	4.155	0.9515
600	3.993	34.295	1.46	0.00	27.226	3.950	0.9967
650	3.761	34.318	1.37	0.00	27.268	3.715	1.0400
700	3.553	34.330	1.27	0.00	27.298	3.505	1.0815
750	3.511	34.371	1.37	0.00	27.335	3.459	1.1217
800	3.360	34.391	1.32	0.00	27.365	3.305	1.1604
900	3.089	34.422	1.35	0.00	27.416	3.028	1.2341
1000	2.932	34.460	1.46	0.00	27.460	2.864	1.3038

Station: K-19
 Latitude:36-00.06 Longitude:142-44.75 Depth:7272
 Date:1998/9/09 Time:16:46

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
5	25.210	33.821	4.55	0.00	22.387	25.208	0.0000
10	25.126	33.865	4.54	0.01	22.446	25.124	0.0271
20	24.061	34.075	4.58	0.01	22.924	24.056	0.0793
30	21.625	34.455	4.52	0.01	23.908	21.619	0.1235
40	19.668	34.560	4.12	0.00	24.513	19.660	0.1601
50	18.524	34.587	4.04	0.00	24.826	18.515	0.1930
75	15.938	34.616	3.92	0.01	25.466	15.927	0.2626
100	14.445	34.578	3.94	0.01	25.766	14.430	0.3219
125	13.191	34.523	3.91	0.00	25.985	13.173	0.3753
150	12.431	34.484	3.82	0.00	26.105	12.411	0.4249
175	11.543	34.437	3.72	0.00	26.238	11.521	0.4716
200	10.702	34.401	3.64	0.00	26.363	10.678	0.5153
250	9.150	34.314	3.41	0.00	26.557	9.123	0.5951
300	7.859	34.292	3.05	0.00	26.739	7.829	0.6669
350	7.024	34.286	2.79	0.00	26.853	6.991	0.7316
400	6.094	34.283	2.51	0.00	26.974	6.059	0.7907
450	5.048	34.235	2.26	0.00	27.063	5.012	0.8447
500	4.778	34.255	2.02	0.00	27.110	4.739	0.8957
550	4.147	34.220	1.64	0.00	27.151	4.107	0.9445
600	3.957	34.236	1.50	0.00	27.183	3.914	0.9915
650	3.951	34.299	1.55	0.00	27.234	3.905	1.0366
700	3.669	34.302	1.29	0.00	27.264	3.620	1.0799
750	3.713	34.377	1.61	0.00	27.320	3.659	1.1214
800	3.534	34.398	1.60	0.00	27.354	3.478	1.1610
900	2.990	34.403	1.14	0.00	27.410	2.929	1.2358
1000	2.869	34.453	1.37	0.00	27.461	2.803	1.3051

Station: K-20
 Latitude:36-15.13 Longitude:142-52.46 Depth:7813
 Date:1998/9/09 Time:18:59

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
5	25.124	33.855	4.50	0.00	22.439	25.123	0.0000
10	25.123	33.856	4.49	0.00	22.439	25.121	0.0270
20	24.939	33.910	4.50	0.01	22.537	24.935	0.0809
30	20.818	34.505	4.25	0.01	24.166	20.813	0.1240
40	18.795	34.616	4.05	0.02	24.779	18.788	0.1582
50	18.170	34.638	4.02	0.00	24.953	18.162	0.1893
75	16.268	34.622	3.97	0.00	25.395	16.256	0.2592
100	14.836	34.609	4.05	0.00	25.706	14.821	0.3198
125	13.685	34.543	3.97	0.00	25.899	13.667	0.3753
150	12.513	34.489	3.84	0.00	26.093	12.493	0.4260
175	11.472	34.436	3.73	0.00	26.250	11.450	0.4728
200	10.738	34.395	3.64	0.00	26.351	10.714	0.5166
250	9.181	34.334	3.40	0.00	26.568	9.153	0.5966
300	7.722	34.266	3.17	0.00	26.738	7.692	0.6676
350	6.782	34.241	2.85	0.00	26.851	6.749	0.7321
400	5.762	34.205	2.64	0.00	26.954	5.728	0.7915
450	5.143	34.194	2.33	0.00	27.020	5.107	0.8469
500	4.738	34.226	2.10	0.00	27.092	4.700	0.8992
550	4.297	34.245	1.78	0.00	27.155	4.256	0.9483
600	3.837	34.264	1.49	0.00	27.217	3.795	0.9944
650	3.572	34.279	1.30	0.00	27.256	3.527	1.0378
700	3.461	34.289	1.23	0.00	27.274	3.413	1.0801
750	3.391	34.301	1.17	0.00	27.291	3.339	1.1218
800	3.344	34.313	1.13	0.00	27.304	3.289	1.1629
900	3.188	34.339	1.08	0.00	27.340	3.126	1.2434
1000	2.966	34.398	1.11	0.00	27.408	2.899	1.3189

Station: K-21
 Latitude:36-29.81 Longitude:142-59.91 Depth:7257
 Date:1998/9/09 TIME:21:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
6	26.066	34.056	4.25	0.00	22.301	26.065	0.0000
10	26.062	34.056	4.26	0.00	22.302	26.060	0.0221
20	25.932	34.051	4.26	0.00	22.339	25.928	0.0773
30	21.894	34.432	4.38	0.00	23.815	21.888	0.1253
40	19.557	34.578	4.11	0.00	24.556	19.550	0.1625
50	18.707	34.621	3.97	0.00	24.806	18.699	0.1950
75	16.293	34.633	3.95	0.00	25.398	16.281	0.2675
100	14.571	34.568	3.95	0.00	25.732	14.556	0.3282
125	13.276	34.524	3.91	0.00	25.968	13.259	0.3822
150	12.429	34.484	3.82	0.00	26.106	12.409	0.4323
175	11.572	34.437	3.67	0.00	26.232	11.550	0.4790
200	10.943	34.400	3.64	0.00	26.318	10.918	0.5235
250	9.355	34.322	3.34	0.00	26.530	9.328	0.6053
300	8.281	34.303	3.01	0.00	26.684	8.251	0.6786
350	6.683	34.175	2.96	0.00	26.812	6.651	0.7449
400	6.083	34.193	2.57	0.00	26.904	6.049	0.8067
450	4.566	34.047	2.26	0.00	26.969	4.532	0.8646
500	4.230	34.073	1.84	0.00	27.025	4.194	0.9192
550	4.235	34.171	1.57	0.00	27.102	4.195	0.9709
600	3.870	34.174	1.30	0.00	27.143	3.827	1.0198
650	3.518	34.184	1.05	0.00	27.185	3.474	1.0669
700	3.605	34.250	1.11	0.00	27.229	3.557	1.1121
750	3.517	34.283	1.09	0.00	27.264	3.465	1.1555
800	3.375	34.319	1.06	0.00	27.307	3.320	1.1972
900	3.192	34.378	1.09	0.00	27.371	3.131	1.2755
1000	2.939	34.404	1.03	0.00	27.415	2.871	1.3494

Station: K-22
 Latitude:36-15.00 Longitude:143-00.00 Depth:7494
 Date:1998/9/10 TIME:00:12

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
2	-0.000	-0.000	-0.00	-0.00	-0.000	-0.000	0.0000
10	26.461	33.612	4.26	0.03	21.843	26.458	0.0418
20	26.177	33.648	4.28	0.01	21.958	26.172	0.1013
30	21.943	34.408	4.72	0.00	23.784	21.938	0.1514
40	20.267	34.536	4.17	0.00	24.337	20.260	0.1895
50	19.025	34.587	4.01	0.00	24.699	19.016	0.2233
75	16.636	34.627	3.95	0.01	25.314	16.623	0.2973
100	15.228	34.625	4.01	0.00	25.633	15.212	0.3597
125	14.218	34.570	3.99	0.00	25.809	14.199	0.4173
150	13.174	34.517	3.84	0.00	25.983	13.153	0.4703
175	12.238	34.475	3.81	0.00	26.136	12.215	0.5199
200	11.354	34.424	3.67	0.00	26.262	11.329	0.5659
250	9.750	34.344	3.45	0.00	26.482	9.722	0.6508
300	8.305	34.291	3.07	0.00	26.671	8.274	0.7264
350	7.439	34.263	2.85	0.00	26.776	7.405	0.7942
400	6.363	34.221	2.57	0.00	26.891	6.328	0.8566
450	5.139	34.145	2.28	0.00	26.982	5.103	0.9143
500	4.839	34.191	1.98	0.00	27.052	4.800	0.9683
550	4.639	34.226	1.81	0.00	27.102	4.597	1.0196
600	4.361	34.250	1.64	0.00	27.151	4.316	1.0686
650	3.880	34.258	1.36	0.00	27.209	3.833	1.1152
700	3.658	34.280	1.22	0.00	27.248	3.608	1.1596
750	3.608	34.309	1.20	0.00	27.276	3.555	1.2025
800	3.269	34.307	0.97	0.00	27.307	3.215	1.2438
900	3.108	34.358	0.98	0.00	27.363	3.047	1.3229
1000	2.915	34.397	0.96	0.00	27.411	2.848	1.3971

Station: K-23
 Latitude:36-00.00 Longitude:143-00.00 Depth:6200
 Date:1998/9/10 TIME:02:43

Station: K-24
 Latitude:35-44.50 Longitude:143-00.08 Depth:6616
 Date:1998/9/10 TIME:06:20

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
5	26.229	33.575	4.32	0.00	21.887	26.228	0.0000
10	26.226	33.577	4.30	-0.00	21.890	26.223	0.0296
20	23.668	33.857	4.61	0.01	22.874	23.664	0.0848
30	22.542	33.888	4.70	0.01	23.221	22.536	0.1336
40	20.054	34.543	4.36	0.01	24.399	20.046	0.1756
50	19.083	34.550	4.06	0.00	24.656	19.074	0.2098
75	17.312	34.660	4.01	0.00	25.179	17.300	0.2855
100	15.707	34.618	3.98	0.01	25.520	15.691	0.3516
125	14.492	34.577	3.96	0.00	25.756	14.474	0.4110
150	13.506	34.532	3.91	0.00	25.928	13.485	0.4661
175	12.455	34.482	3.78	0.00	26.099	12.432	0.5166
200	11.599	34.442	3.68	0.00	26.231	11.573	0.5636
250	9.732	34.334	3.51	0.00	26.477	9.704	0.6485
300	8.626	34.319	3.21	0.00	26.644	8.594	0.7243
350	7.351	34.286	2.92	0.00	26.807	7.317	0.7926
400	6.578	34.282	2.64	0.00	26.910	6.542	0.8541
450	6.097	34.281	2.48	0.00	26.972	6.058	0.9124
500	5.512	34.288	2.31	0.00	27.050	5.471	0.9675
550	4.937	34.299	2.00	0.00	27.127	4.893	1.0187
600	4.554	34.316	1.86	0.00	27.183	4.508	1.0666
650	4.280	34.349	1.79	0.00	27.239	4.232	1.1120
700	3.681	34.328	1.43	0.00	27.284	3.632	1.1548
750	3.498	34.340	1.36	0.00	27.312	3.446	1.1961
800	3.307	34.353	1.20	0.00	27.340	3.252	1.2358
900	3.200	34.409	1.38	0.00	27.395	3.139	1.3117
1000	2.849	34.420	1.10	0.00	27.436	2.783	1.3832

Station: K-25
 Latitude:35-30.25 Longitude:143-00.12 Depth:6188
 Date:1998/9/10 TIME:08:07

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
5	26.673	34.045	4.24	0.00	22.102	26.672	0.0000
10	26.061	34.153	4.17	0.00	22.375	26.059	0.0284
20	22.816	34.575	4.02	0.01	23.664	22.812	0.0760
30	21.391	34.691	3.98	0.01	24.152	21.385	0.1155
40	21.339	34.786	4.06	0.00	24.239	21.331	0.1527
50	20.830	34.815	4.13	0.00	24.399	20.820	0.1890
75	19.146	34.681	3.96	0.00	24.740	19.133	0.2735
100	17.485	34.621	3.98	0.00	25.107	17.468	0.3496
125	16.372	34.613	3.98	0.00	25.364	16.352	0.4188
150	15.286	34.605	3.92	0.00	25.604	15.263	0.4821
175	14.238	34.569	3.88	0.00	25.804	14.212	0.5399
200	13.165	34.518	3.80	0.00	25.987	13.137	0.5933
250	11.385	34.429	3.62	0.00	26.261	11.353	0.6908
300	9.942	34.355	3.43	0.00	26.458	9.908	0.7758
350	8.560	34.272	3.32	0.00	26.617	8.523	0.8535
400	7.618	34.264	2.97	0.00	26.752	7.578	0.9236
450	6.889	34.277	2.70	0.00	26.864	6.847	0.9885
500	6.005	34.251	2.39	0.00	26.960	5.962	1.0483
550	5.358	34.287	2.10	0.00	27.068	5.313	1.1030
600	4.929	34.304	1.94	0.00	27.131	4.882	1.1540
650	4.476	34.330	1.78	0.00	27.203	4.426	1.2015
700	4.156	34.353	1.68	0.00	27.256	4.103	1.2461
750	3.832	34.377	1.60	0.00	27.308	3.778	1.2884
800	3.469	34.365	1.29	0.00	27.334	3.413	1.3285
900	3.171	34.390	1.17	0.00	27.383	3.109	1.4053
1000	2.875	34.418	1.06	0.00	27.432	2.808	1.4776

Station: K-26
 Latitude:35-15.63 Longitude:143-00.23 Depth:5713
 Date:1998/9/10 TIME:10:47

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
5	28.267	34.100	4.13	0.01	21.631	28.266	0.0000
10	28.269	34.104	4.11	0.01	21.633	28.267	0.0308
20	28.272	34.102	4.08	0.01	21.630	28.268	0.0925
30	28.261	34.115	4.06	0.00	21.644	28.254	0.1542
40	27.167	34.417	4.17	-0.00	22.225	27.158	0.2142
50	25.445	34.434	4.15	0.00	22.778	25.434	0.2677
75	23.320	34.690	4.03	0.01	23.606	23.304	0.3834
100	21.722	34.680	3.99	0.00	24.052	21.702	0.4854
125	19.771	34.675	3.98	0.00	24.574	19.749	0.5775
150	17.530	34.675	3.97	0.00	25.138	17.504	0.6550
175	16.236	34.673	4.04	0.00	25.442	16.208	0.7226
200	15.376	34.656	4.12	0.00	25.623	15.345	0.7853
250	14.062	34.566	4.06	0.00	25.839	14.026	0.9025
300	12.961	34.492	4.18	0.00	26.007	12.920	1.0098
350	11.873	34.413	4.05	0.00	26.157	11.828	1.1092
400	10.441	34.331	3.79	0.00	26.354	10.393	1.2014
450	9.510	34.337	3.26	0.00	26.516	9.460	1.2847
500	8.096	34.273	3.02	0.00	26.688	8.045	1.3600
550	6.962	34.259	2.69	0.00	26.840	6.910	1.4271
600	6.082	34.283	2.35	0.00	26.976	6.029	1.4878
650	5.326	34.287	2.05	0.00	27.072	5.272	1.5428
700	4.988	34.294	1.90	0.00	27.117	4.932	1.5945
750	4.576	34.316	1.75	0.00	27.181	4.518	1.6434
800	4.275	34.342	1.65	0.00	27.234	4.215	1.6896
900	3.777	34.389	1.55	0.00	27.323	3.711	1.7751
1000	3.335	34.419	1.45	0.00	27.390	3.265	1.8532

Station: K-27
 Latitude:35-00.03 Longitude:142-59.97 Depth:5896
 Date:1998/9/10 TIME:13:35

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
7	28.390	34.274	4.13	0.02	21.721	28.389	0.0000
10	28.391	34.274	4.10	0.01	21.721	28.389	0.0182
20	28.393	34.275	4.08	0.00	21.720	28.388	0.0791
30	28.388	34.277	4.06	0.00	21.724	28.381	0.1400
40	28.378	34.281	4.06	0.00	21.730	28.368	0.2008
50	27.620	34.425	4.10	0.01	22.085	27.608	0.2604
75	24.974	34.699	4.14	0.00	23.122	24.957	0.3915
100	22.903	34.807	4.12	0.00	23.815	22.883	0.5022
125	21.654	34.832	4.21	0.00	24.186	21.630	0.6009
150	19.966	34.828	4.16	0.00	24.640	19.938	0.6894
175	18.939	34.835	4.25	0.00	24.910	18.908	0.7698
200	18.326	34.809	4.68	0.00	25.045	18.291	0.8455
250	17.406	34.801	4.47	0.00	25.264	17.364	0.9892
300	16.080	34.717	4.32	0.00	25.512	16.032	1.1227
350	14.751	34.620	4.21	0.00	25.733	14.699	1.2448
400	13.266	34.509	4.14	0.00	25.959	13.211	1.3564
450	11.279	34.372	3.99	0.00	26.236	11.223	1.4562
500	9.581	34.263	3.82	0.00	26.446	9.524	1.5447
550	8.332	34.181	3.63	0.00	26.581	8.275	1.6248
600	7.916	34.275	2.87	0.00	26.717	7.855	1.6989
650	7.163	34.258	2.65	0.00	26.812	7.100	1.7675
700	6.707	34.255	2.50	0.00	26.871	6.642	1.8326
750	6.193	34.254	2.30	0.00	26.939	6.125	1.8947
800	5.243	34.223	2.01	0.00	27.031	5.177	1.9526
900	4.363	34.252	1.55	0.00	27.153	4.293	2.0572
1000	3.772	34.304	1.22	0.00	27.256	3.699	2.1509

Station: K-28
 Latitude:34-45.00 Longitude:142-00.00 Depth:5300
 Date:1998/9/10 TIME:16:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig-t [Kg/m ³]	P.temp [°C]	D.M.
5	28.332	34.225	4.12	0.00	21.703	28.331	0.0000
10	28.331	34.225	4.09	0.02	21.704	28.329	0.0305
20	28.333	34.225	4.08	0.00	21.703	28.328	0.0915
30	28.330	34.225	4.05	0.00	21.704	28.323	0.1526
40	28.229	34.237	4.06	0.01	21.746	28.220	0.2135
50	27.213	34.390	4.09	0.01	22.190	27.201	0.2724
75	24.724	34.726	4.08	0.00	23.217	24.708	0.4056
100	22.262	34.828	4.95	0.00	24.013	22.242	0.5144
125	20.175	34.821	4.47	0.00	24.579	20.152	0.6038
150	19.655	34.825	4.56	0.00	24.719	19.627	0.6869
175	19.244	34.823	4.64	0.00	24.824	19.213	0.7674
200	18.918	34.822	4.64	0.00	24.906	18.883	0.8458
250	18.072	34.817	4.50	0.00	25.114	18.029	0.9965
300	17.139	34.782	4.36	0.00	25.314	17.089	1.1380
350	16.214	34.731	4.33	0.00	25.491	16.158	1.2707
400	14.783	34.625	4.20	0.00	25.730	14.723	1.3937
450	12.856	34.483	4.00	0.00	26.021	12.794	1.5053
500	10.718	34.344	4.01	0.00	26.315	10.657	1.6027
550	9.449	34.327	3.36	0.00	26.519	9.386	1.6875
600	8.431	34.299	3.12	0.00	26.658	8.368	1.7646
650	7.795	34.271	2.98	0.00	26.731	7.729	1.8366
700	7.446	34.265	2.85	0.00	26.777	7.377	1.9058
750	7.049	34.268	2.68	0.00	26.836	6.976	1.9729
800	6.732	34.261	2.57	0.00	26.873	6.657	2.0378
900	5.923	34.274	2.25	0.00	26.989	5.842	2.1617
1000	5.361	34.265	2.02	0.00	27.050	5.276	2.2758

Station: K-29
 Latitude:34-30.00 Longitude:143-00.00 Depth:5300
 Date:19

Station: K-30
 Latitude:34-40.00 Longitude:143-10.00 Depth:5300
 Date:1998/9/10 TIME:20:28

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	28.086	34.281	4.06	0.01	21.826	28.085	0.0000
10	28.088	34.281	4.06	0.01	21.826	28.085	0.0299
20	28.092	34.281	4.04	0.00	21.824	28.087	0.0898
30	27.266	34.340	4.04	0.00	22.135	27.259	0.1488
40	27.062	34.349	4.01	0.01	22.208	27.052	0.2054
50	26.963	34.347	4.02	-0.01	22.238	26.952	0.2615
75	24.455	34.708	4.53	0.00	23.285	24.439	0.3942
100	20.622	34.808	4.71	0.00	24.450	20.603	0.4920
125	19.946	34.825	4.50	0.00	24.642	19.923	0.5769
150	19.525	34.820	4.60	0.00	24.749	19.497	0.6587
175	19.144	34.821	4.62	0.00	24.847	19.113	0.7385
200	18.803	34.818	4.61	0.00	24.932	18.768	0.8163
250	18.177	34.814	4.51	0.00	25.086	18.134	0.9668
300	17.497	34.808	4.38	0.00	25.248	17.446	1.1107
350	16.254	34.732	4.28	0.00	25.483	16.198	1.2457
400	14.882	34.629	4.18	0.00	25.712	14.821	1.3701
450	12.957	34.486	4.08	0.00	26.004	12.895	1.4820
500	10.722	34.343	3.90	0.00	26.313	10.661	1.5803
550	9.403	34.336	3.25	0.00	26.533	9.341	1.6647
600	8.566	34.298	3.10	0.00	26.633	8.522	1.7419
650	8.060	34.279	2.99	0.00	26.699	7.993	1.8158
700	7.546	34.265	2.84	0.00	26.763	7.476	1.8860
750	7.157	34.256	2.72	0.00	26.811	7.084	1.9541
800	6.857	34.264	2.56	0.00	26.859	6.781	2.0199
900	6.190	34.268	2.30	0.00	26.950	6.108	2.1450
1000	5.245	34.270	1.96	0.00	27.068	5.160	2.2611

Station: K-31
 Latitude:34-50.00 Longitude:143-20.00 Depth:5636
 Date:1998/9/10 TIME:22:20

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	28.183	34.248	4.08	0.02	21.769	28.182	0.0000
10	28.178	34.248	4.07	0.02	21.771	28.176	0.0302
20	28.183	34.248	4.05	0.01	21.770	28.178	0.0905
30	28.186	34.250	4.03	0.00	21.770	28.179	0.1510
40	27.544	34.525	4.18	0.00	22.186	27.535	0.2103
50	26.200	34.513	4.09	-0.00	22.604	26.189	0.2648
75	24.996	34.696	4.07	0.00	23.112	24.980	0.3917
100	22.776	34.800	4.84	0.00	23.846	22.755	0.5038
125	20.384	34.819	4.64	0.00	24.522	20.360	0.5965
150	19.428	34.824	4.58	0.00	24.777	19.401	0.6795
175	18.979	34.822	4.61	0.00	24.890	18.948	0.7584
200	18.605	34.818	4.58	0.00	24.982	18.570	0.8351
250	17.883	34.821	4.48	0.00	25.164	17.840	0.9831
300	17.061	34.785	4.37	0.00	25.335	17.011	1.1222
350	15.606	34.682	4.24	0.00	25.592	15.552	1.2526
400	14.078	34.567	4.17	0.00	25.836	14.019	1.3714
450	11.806	34.408	4.02	0.00	26.166	11.748	1.4768
500	10.040	34.371	3.35	0.00	26.454	9.982	1.5672
550	8.922	34.314	3.17	0.00	26.593	8.862	1.6459
600	8.348	34.290	3.06	0.00	26.664	8.285	1.7212
650	7.643	34.267	2.88	0.00	26.751	7.577	1.7930
700	7.522	34.266	2.81	0.00	26.767	7.452	1.8621
750	6.973	34.261	2.62	0.00	26.841	6.900	1.9288
800	6.751	34.261	2.53	0.00	26.871	6.675	1.9938
900	5.897	34.273	2.20	0.00	26.991	5.817	2.1168
1000	5.299	34.259	2.01	0.00	27.053	5.214	2.2319

Station: K-32
 Latitude:35-00.10 Longitude:143-30.00 Depth:5636
 Date:1998/9/11 TIME:00:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	-0.000	-0.000	-0.00	-0.00	-0.000	-0.000	0.0000
10	28.419	34.232	4.06	0.00	21.680	28.417	0.0245
20	28.427	34.232	4.06	0.01	21.677	28.422	0.0857
30	28.261	34.276	4.05	0.00	21.765	28.254	0.1470
40	27.638	34.402	4.07	0.00	22.063	27.629	0.2062
50	27.206	34.484	4.12	-0.00	22.263	27.194	0.2631
75	24.502	34.742	4.15	0.01	23.296	24.486	0.3882
100	23.554	34.776	4.12	0.00	23.603	23.533	0.4976
125	21.790	34.823	4.24	0.00	24.142	21.765	0.5994
150	20.058	34.830	4.92	0.00	24.616	20.030	0.6885
175	18.983	34.816	4.67	0.00	24.885	18.952	0.7684
200	18.575	34.815	4.66	0.00	24.988	18.540	0.8453
250	17.835	34.820	4.52	0.00	25.175	17.792	0.9925
300	16.881	34.779	4.45	0.00	25.373	16.832	1.1310
350	15.492	34.677	4.34	0.00	25.614	15.437	1.2600
400	13.971	34.569	4.31	0.00	25.860	13.913	1.3773
450	12.220	34.451	3.99	0.00	26.121	12.160	1.4831
500	10.398	34.320	3.99	0.00	26.353	10.338	1.5769
550	8.946	34.260	3.59	0.00	26.547	8.886	1.6606
600	7.786	34.231	3.25	0.00	26.701	7.725	1.7357
650	7.468	34.269	2.93	0.00	26.777	7.404	1.8051
700	6.999	34.263	2.77	0.00	26.838	6.932	1.8719
750	6.515	34.262	2.62	0.00	26.903	6.446	1.9359
800	6.094	34.260	2.44	0.00	26.956	6.022	1.9969
900	5.126	34.276	2.02	0.00	27.086	5.051	2.1095
1000	4.126	34.282	1.57	0.00	27.202	4.050	2.2099

Station: K-33
 Latitude:35-10.05 Longitude:143-40.01 Depth:5593
 Date:1998/9/11 TIME:01:55

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
8	28.369	34.258	4.06	0.01	21.716	28.367	0.0000
10	28.368	34.258	4.03	0.02	21.717	28.365	0.0122
20	28.371	34.258	4.02	0.01	21.715	28.366	0.0731
30	28.367	34.258	4.01	0.02	21.717	28.360	0.1340
40	28.291	34.289	4.01	0.00	21.765	28.282	0.1949
50	27.647	34.492	4.12	0.00	22.128	27.635	0.2541
75	24.984	34.703	4.14	0.00	23.122	24.967	0.3846
100	22.908	34.786	4.20	0.00	23.798	22.888	0.4945
125	21.531	34.832	4.15	0.00	24.221	21.506	0.5917
150	19.994	34.838	4.10	0.00	24.640	19.966	0.6800
175	19.367	34.813	4.08	0.00	24.784	19.335	0.7615
200	18.477	34.843	4.32	0.00	25.033	18.442	0.8389
250	17.207	34.795	4.48	0.00	25.308	17.165	0.9821
300	15.922	34.708	4.36	0.00	25.541	15.875	1.1133
350	14.444	34.600	4.30	0.00	25.784	14.392	1.2336
400	12.728	34.485	4.14	0.00	26.048	12.674	1.3434
450	11.374	34.377	4.08	0.00	26.223	11.317	1.4409
500	9.903	34.292	3.88	0.00	26.415	9.845	1.5312
550	9.116	34.290	3.54	0.00	26.544	9.055	1.6131
600	7.927	34.304	3.00	0.00	26.738	7.865	1.6878
650	6.746	34.267	2.68	0.00	26.876	6.686	1.7531
700	5.425	34.184	2.46	0.00	26.978	5.367	1.8132
750	4.987	34.196	2.17	0.00	27.039	4.927	1.8693
800	4.775	34.232	1.98	0.00	27.092	4.712	1.9227
900	4.259	34.348	1.75	0.00	27.240	4.190	2.0207
1000	3.513	34.357	1.31	0.00	27.324	3.441	2.1057

Station: K-34
 Latitude:35-19.48 Longitude:143-50.03 Depth:5743
 Date:1998/9/11 TIME:03:42

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
7	28.561	34.292	4.11	0.01	21.678	28.559	0.0000
10	28.563	34.292	4.08	0.02	21.678	28.561	0.0184
20	28.569	34.292	4.08	0.02	21.676	28.564	0.0796
30	28.573	34.292	4.06	0.00	21.674	28.566	0.1410
40	27.583	34.512	4.14	0.00	22.163	27.574	0.2017
50	26.691	34.489	4.15	0.00	22.431	26.680	0.2571
75	24.074	34.572	4.02	0.01	23.295	24.059	0.3820
100	22.377	34.647	3.99	0.02	23.844	22.357	0.4878
125	20.767	34.692	3.99	0.00	24.322	20.743	0.5836
150	19.057	34.708	4.00	0.00	24.784	19.030	0.6694
175	17.755	34.764	4.14	0.00	25.151	17.725	0.7445
200	16.562	34.670	4.02	0.00	25.364	16.529	0.8132
250	15.058	34.641	4.22	0.00	25.682	15.020	0.9378
300	13.903	34.559	4.32	0.00	25.866	13.860	1.0525
350	12.471	34.456	4.19	0.00	26.076	12.424	1.1573
400	11.280	34.374	4.10	0.00	26.237	11.230	1.2545
450	9.971	34.353	3.48	0.00	26.451	9.919	1.3436
500	8.639	34.290	3.25	0.00	26.619	8.585	1.4216
550	7.588	34.272	2.93	0.00	26.763	7.533	1.4919
600	6.122	34.172	2.76	0.00	26.883	6.069	1.5559
650	5.701	34.240	2.34	-0.00	26.989	5.645	1.6153
700	5.258	34.298	2.07	0.00	27.088	5.200	1.6697
750	4.646	34.302	1.83	0.00	27.162	4.587	1.7200
800	4.078	34.278	1.51	0.00	27.204	4.019	1.7674
900	3.798	34.348	1.46	0.00	27.288	3.733	1.8559
1000	3.414	34.389	1.32	0.00	27.359	3.343	1.9373

Station: K-35
 Latitude:35-00.04 Longitude:1

Station: K-36
 Latitude:34-50.00 Longitude:144-30.00 Depth:5700
 Date:1998/9/11 TIME:09:20

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	28.454	34.274	4.15	0.01	21.700	28.453	0.0000
10	28.458	34.274	4.13	0.01	21.699	28.456	0.0488
20	28.449	34.278	4.11	0.00	21.705	28.444	0.1099
30	26.664	34.522	4.33	0.01	22.464	26.657	0.1697
40	25.572	34.459	4.12	0.02	22.758	25.563	0.2219
50	24.801	34.529	4.07	0.02	23.046	24.790	0.2718
75	24.120	34.547	4.04	0.00	23.263	24.105	0.3904
100	22.407	34.617	4.01	0.00	23.812	22.387	0.5009
125	20.958	34.787	4.08	0.00	24.343	20.934	0.5958
150	19.472	34.810	4.09	0.00	24.755	19.444	0.6812
175	18.060	34.803	4.17	0.00	25.107	18.030	0.7572
200	17.626	34.799	4.25	0.00	25.210	17.592	0.8284
250	16.629	34.746	4.26	0.00	25.407	16.588	0.9639
300	14.901	34.609	3.98	0.00	25.692	14.856	1.0895
350	13.121	34.521	3.95	0.00	25.997	13.072	1.2008
400	11.508	34.400	4.08	0.00	26.216	11.457	1.2993
450	9.749	34.305	3.67	0.00	26.452	9.697	1.3882
500	8.075	34.148	3.87	0.00	26.593	8.024	1.4668
550	7.292	34.133	3.60	0.00	26.695	7.238	1.5402
600	6.436	34.132	3.14	0.00	26.811	6.382	1.6085
650	5.512	34.128	2.69	0.00	26.923	5.458	1.6712
700	4.156	34.040	2.06	0.00	27.007	4.104	1.7284
750	3.904	34.104	1.74	0.00	27.083	3.850	1.7817
800	4.124	34.197	1.57	0.00	27.135	4.064	1.8322
900	3.768	34.296	1.39	0.00	27.250	3.702	1.9259
1000	3.298	34.343	1.10	0.00	27.333	3.228	2.0102

Station: K-37
 Latitude:34-40.00 Longitude:144-20.00 Depth:5620
 Date:1998/9/11 TIME:11:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	28.327	34.177	4.14	0.01	21.669	28.326	0.0061
10	28.314	34.178	4.11	0.00	21.674	28.312	0.0552
20	26.965	34.406	4.21	0.00	22.282	26.960	0.1144
30	25.925	34.441	4.11	0.00	22.635	25.919	0.1677
40	25.429	34.456	4.08	0.01	22.799	25.420	0.2192
50	25.203	34.474	4.06	0.02	22.882	25.192	0.2696
75	24.572	34.544	4.06	0.00	23.126	24.556	0.3921
100	22.942	34.781	4.06	0.00	23.784	22.922	0.5027
125	21.255	34.842	4.19	0.00	24.304	21.231	0.6007
150	19.918	34.847	4.47	0.00	24.667	19.890	0.6874
175	19.016	34.816	4.68	0.00	24.877	18.985	0.7677
200	18.457	34.804	4.65	0.00	25.008	18.422	0.8441
250	17.873	34.808	4.56	0.00	25.156	17.830	0.9914
300	17.086	34.788	4.35	0.00	25.331	17.037	1.1319
350	15.671	34.689	4.25	0.00	25.583	15.617	1.2622
400	14.525	34.599	4.03	0.00	25.766	14.466	1.3827
450	12.279	34.460	3.83	0.00	26.116	12.219	1.4900
500	10.441	34.320	3.84	0.00	26.345	10.381	1.5835
550	9.170	34.279	3.57	0.00	26.526	9.109	1.6687
600	7.522	34.156	3.37	0.00	26.680	7.463	1.7446
650	7.037	34.205	2.98	0.00	26.787	6.974	1.8145
700	6.033	34.199	2.56	0.00	26.915	5.971	1.8785
750	5.301	34.182	2.25	0.00	26.992	5.238	1.9374
800	4.758	34.208	1.88	0.00	27.074	4.694	1.9924
900	4.264	34.306	1.62	0.00	27.207	4.195	2.0925
1000	3.649	34.323	1.25	0.00	27.283	3.576	2.1816

Station: K-38
 Latitude:34-30.00 Longitude:144-10.00 Depth:5581
 Date:1998/9/11 TIME:12:50

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	28.125	33.939	4.16	0.00	21.556	28.124	0.0000
10	28.036	34.035	4.16	0.01	21.657	28.033	0.0248
20	27.993	34.348	4.21	0.00	21.907	27.989	0.0854
30	27.125	34.546	4.27	0.00	22.336	27.118	0.1424
40	26.487	34.578	4.25	0.00	22.562	26.478	0.1965
50	25.465	34.666	4.15	0.03	22.947	25.455	0.2472
75	23.103	34.716	4.04	0.01	23.689	23.087	0.3611
100	22.031	34.847	4.23	0.00	24.093	22.011	0.4611
125	20.349	34.841	4.60	0.00	24.548	20.326	0.5518
150	19.423	34.823	4.74	0.00	24.777	19.396	0.6349
175	18.919	34.838	4.51	0.00	24.918	18.888	0.7132
200	18.541	34.816	4.60	0.00	24.996	18.506	0.7896
250	17.965	34.801	4.53	0.00	25.128	17.922	0.9372
300	17.101	34.781	4.33	0.00	25.322	17.051	1.0784
350	16.217	34.729	4.34	0.00	25.490	16.161	1.2119
400	15.124	34.643	4.23	0.00	25.670	15.063	1.3375
450	13.608	34.536	4.17	0.00	25.910	13.544	1.4534
500	12.354	34.435	4.07	0.00	26.082	12.288	1.5592
550	10.665	34.331	3.82	0.00	26.314	10.598	1.6550
600	9.281	34.322	3.24	0.00	26.542	9.214	1.7413
650	7.387	34.142	3.36	0.00	26.689	7.323	1.8168
700	6.657	34.183	2.83	0.00	26.822	6.592	1.8856
750	5.657	34.120	2.62	0.00	26.900	5.592	1.9491
800	5.277	34.190	2.14	0.00	27.001	5.210	2.0077
900	4.445	34.236	1.58	0.00	27.132	4.375	2.1144
1000	3.940	34.360	1.53	0.00	27.283	3.865	2.2075

Station: K-39
 Latitude:34-30.00 Longitude:144-00.00 Depth:5581
 Date:1998/9/11 TIME:15:45

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	28.360	34.147	4.19	-0.00	21.636	28.358	0.0000
10	28.214	34.144	4.18	0.00	21.681	28.212	0.0306
20	27.855	34.133	4.18	0.00	21.790	27.850	0.0918
30	27.652	34.350	4.21	-0.00	22.018	27.645	0.1508
40	26.494	34.574	4.31	0.01	22.557	26.485	0.2066
50	25.656	34.659	4.31	0.01	22.883	25.645	0.2580
75	23.556	34.766	4.25	0.00	23.595	23.541	0.3754
100	20.982	34.836	4.79	0.00	24.374	20.963	0.4734
125	19.962	34.823	5.01	0.00	24.637	19.939	0.5599
150	19.321	34.823	4.81	0.00	24.804	19.294	0.6415
175	18.905	34.814	4.71	0.00	24.903	18.874	0.7198
200	18.488	34.804	4.74	0.00	25.001	18.453	0.7961
250	17.965	34.807	4.68	0.00	25.133	17.922	0.9441
300	17.167	34.792	4.47	0.00	25.315	17.117	1.0852
350	16.235	34.732	4.36	0.00	25.487	16.179	1.2185
400	15.173	34.650	4.28	0.00	25.664	15.111	1.3446
450	13.867	34.555	4.20	0.00	25.871	13.802	1.4612
500	12.543	34.455	4.10	0.00	26.061	12.476	1.5687
550	11.388	34.376	4.01	0.00	26.219	11.318	1.6680
600	10.230	34.306	3.86	0.00	26.371	10.159	1.7601
650	8.659	34.279	3.29	0.00	26.607	8.589	1.8424
700	7.112	34.197	2.99	0.00	26.770	7.044	1.9151
750	6.270	34.202	2.71	0.00	26.888	6.202	1.9809
800	5.518	34.206	2.39	0.00	26.985	5.450	2.0416
900	4.671	34.260	1.87	0.00	27.125	4.599	2.1504
1000	4.246	34.333	1.70	0.00	27.230	4.169	2.2476

Station: K-39
 Latitude:34-29.33 Longitude:143-58.86 Depth:5650
 Date:1998/9/11 TIME:17:37

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	28.229	34.120	4.07	0.00	21.658	28.228	0.0000
10	28.227	34.118	4.06	0.00	21.657	28.224	0.0246
20	27.578	34.180	4.10	0.00	21.915	27.573	0.0848
30	27.405	34.203	4.12	0.00	21.988	27.398	0.1433
40	26.668	34.560	4.21	0.00	22.492	26.659	0.2002
50	26.021	34.596	4.22	0.00	22.722	26.009	0.2523
75	23.643	34.734	4.36	0.00	23.545	23.628	0.3710
100	21.978	34.827	4.41	0.00	24.093	21.959	0.4734
125	20.242	34.831	4.91	0.00	24.569	20.219	0.5631
150	19.352	34.826	4.70	0.00	24.798	19.325	0.6452

Station: K-40
 Latitude:34-45.02 Longitude:144-00.05 Depth:5657
 Date:1998/9/11 Time:19:49

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	28.259	34.264	4.16	0.00	21.757	28.257	0.0000
10	28.260	34.265	4.14	0.00	21.757	28.258	0.0242
20	28.260	34.265	4.12	0.00	21.757	28.255	0.0847
30	28.191	34.288	4.10	0.00	21.797	28.184	0.1452
40	27.145	34.571	4.27	0.01	22.348	27.136	0.2037
50	26.131	34.562	4.24	0.00	22.662	26.119	0.2572
75	24.675	34.704	4.14	0.00	23.216	24.659	0.3835
100	23.015	34.758	4.24	0.00	23.746	22.994	0.4937
125	20.489	34.829	4.88	0.00	24.502	20.465	0.5882
150	19.457	34.825	4.62	0.00	24.770	19.430	0.6712
175	19.136	34.822	4.67	0.00	24.850	19.105	0.7507
200	18.733	34.818	4.67	0.00	24.950	18.697	0.8283
250	18.093	34.802	4.75	0.00	25.097	18.050	0.9778
300	17.292	34.797	4.43	0.0			

Station: K-41
 Latitude:35-00.02 Longitude:144-00.05 Depth:5657
 Date:1998/9/11 Time:21:35

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
5	28.412	34.323	4.18	-0.00	21.751	28.411	0.0000
10	28.415	34.323	4.15	0.01	21.750	28.413	0.0303
20	28.419	34.323	4.13	0.00	21.748	28.415	0.0908
30	28.421	34.323	4.10	0.00	21.747	28.414	0.1515
40	28.308	34.445	4.09	0.01	21.877	28.298	0.2120
50	27.594	34.566	4.20	0.01	22.200	27.583	0.2698
75	25.182	34.703	4.16	0.00	23.062	25.165	0.4010
100	23.685	34.760	4.15	0.00	23.552	23.664	0.5144
125	21.997	34.810	4.17	0.00	24.074	21.972	0.6167
150	19.962	34.837	4.18	0.00	24.647	19.935	0.7070
175	19.132	34.826	4.58	0.00	24.854	19.100	0.7880
200	18.625	34.814	4.66	0.00	24.974	18.590	0.8653
250	17.660	34.809	4.49	0.00	25.209	17.618	1.0119
300	16.507	34.745	4.35	0.00	25.434	16.458	1.1478
350	15.146	34.650	4.30	0.00	25.670	15.093	1.2730
400	13.740	34.551	4.15	0.00	25.894	13.683	1.3886
450	12.111	34.440	3.90	0.00	26.133	12.051	1.4929
500	10.597	34.333	4.04	0.00	26.328	10.536	1.5866
550	8.380	34.169	3.91	0.00	26.564	8.322	1.6701
600	7.527	34.148	3.54	0.00	26.674	7.467	1.7452
650	6.750	34.137	3.18	0.00	26.773	6.689	1.8152
700	5.984	34.128	2.81	0.00	26.866	5.922	1.8804
750	5.843	34.240	2.32	0.00	26.972	5.777	1.9405
800	5.179	34.242	2.09	0.00	27.054	5.113	1.9971
900	4.361	34.274	1.62	0.00	27.171	4.291	2.1002
1000	3.862	34.355	1.50	0.00	27.287	3.788	2.1908

Station: K-42
 Latitude:35-15.00 Longitude:144-00.00 Depth:5700
 Date:1998/9/12 Time:00:40

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
5	28.501	34.333	4.16	0.01	21.729	28.500	0.0000
10	28.502	34.334	4.13	0.00	21.729	28.499	0.0304
20	28.506	34.334	4.10	0.00	21.728	28.501	0.0912
30	28.509	34.334	4.08	0.00	21.727	28.501	0.1520
40	28.451	34.344	4.06	0.01	21.754	28.441	0.2128
50	26.756	34.516	4.22	0.01	22.431	26.744	0.2705
75	25.326	34.693	4.26	0.00	23.010	25.309	0.3987
100	22.869	34.705	4.02	0.00	23.747	22.849	0.5101
125	21.969	34.654	3.98	0.00	23.963	21.944	0.6121
150	20.113	34.678	3.98	0.00	24.486	20.086	0.7052
175	19.161	34.694	3.95	0.00	24.746	19.129	0.7891
200	17.708	34.718	4.01	0.00	25.128	17.674	0.8653
250	15.243	34.623	3.97	0.00	25.628	15.204	0.9983
300	13.301	34.523	3.99	0.00	25.963	13.259	1.1104
350	11.940	34.421	4.13	0.00	26.151	11.895	1.2113
400	10.715	34.339	3.99	0.00	26.312	10.666	1.3045
450	9.653	34.276	3.74	0.00	26.445	9.602	1.3905
500	8.788	34.235	3.55	0.00	26.553	8.734	1.4714
550	7.938	34.299	2.92	0.00	26.733	7.882	1.5454
600	6.613	34.253	2.59	0.00	26.883	6.557	1.6106
650	5.865	34.244	2.37	0.00	26.972	5.809	1.6707
700	5.174	34.218	2.12	0.00	27.035	5.117	1.7268
750	4.857	34.262	1.90	0.00	27.106	4.797	1.7799
800	4.529	34.335	1.81	0.00	27.201	4.467	1.8288
900	3.844	34.363	1.53	0.00	27.295	3.778	1.9169
1000	3.441	34.389	1.36	0.00	27.356	3.370	1.9979

Station: K-43
 Latitude:35-30.00 Longitude:144-00.00 Depth:5700
 Date:1998/9/12 Time:02:50

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
6	28.048	34.235	4.19	0.02	21.804	28.047	0.0000
10	28.051	34.236	4.15	0.01	21.803	28.049	0.0240
20	28.054	34.236	4.15	0.00	21.802	28.049	0.0841
30	27.982	34.219	4.14	0.00	21.813	27.975	0.1441
40	27.775	34.179	4.15	0.00	21.850	27.766	0.2039
50	27.470	34.203	4.16	0.00	21.967	27.458	0.2636
75	22.181	34.631	4.09	0.01	23.887	22.166	0.3822
100	19.909	34.668	3.95	0.01	24.533	19.891	0.4735
125	18.242	34.636	3.98	0.00	24.933	18.221	0.5564
150	17.229	34.645	3.93	0.00	25.187	17.204	0.6295
175	16.617	34.718	4.19	0.00	25.388	16.589	0.6975
200	15.225	34.642	4.13	0.00	25.646	15.194	0.7602
250	13.580	34.543	4.08	0.00	25.921	13.545	0.8729
300	12.372	34.453	4.19	0.00	26.093	12.332	0.9756
350	11.144	34.397	3.78	0.00	26.280	11.101	1.0704
400	9.548	34.306	3.56	0.00	26.486	9.503	1.1552
450	8.594	34.315	3.12	0.00	26.646	8.546	1.2317
500	7.042	34.293	2.73	0.00	26.856	6.995	1.2999
550	6.019	34.243	2.45	0.00	26.952	5.970	1.3599
600	5.419	34.272	2.19	0.00	27.049	5.369	1.4159
650	4.990	34.310	2.01	0.00	27.129	4.938	1.4676
700	4.350	34.281	1.73	0.00	27.178	4.297	1.5162
750	4.152	34.316	1.65	0.00	27.227	4.096	1.5624
800	3.853	34.342	1.48	0.00	27.278	3.795	1.6061
900	3.365	34.371	1.23	0.00	27.349	3.302	1.6873
1000	3.109	34.399	1.07	0.00	27.395	3.041	1.7633

Station: K-44
 Latitude:35-45.37 Longitude:144-01.31 Depth:5846
 Date:1998/9/12 Time:06:04

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
6	27.284	33.878	4.27	0.01	21.783	27.283	0.0000
10	27.288	33.878	4.25	0.00	21.781	27.286	0.0241
20	27.273	33.879	4.24	0.00	21.786	27.268	0.0843
30	26.337	33.946	4.30	0.00	22.134	26.330	0.1440
40	23.654	34.177	4.34	0.00	23.120	23.646	0.1957
50	22.451	34.340	4.08	0.01	23.590	22.441	0.2413
75	18.950	34.638	3.90	0.01	24.757	18.937	0.3337
100	17.540	34.654	3.98	0.00	25.120	17.523	0.4086
125	16.185	34.631	4.04	0.00	25.421	16.166	0.4765
150	15.241	34.620	4.02	0.00	25.626	15.218	0.5388
175	14.642	34.581	3.94	0.00	25.727	14.616	0.5976
200	13.826	34.552	3.96	0.00	25.877	13.798	0.6536
250	12.071	34.460	3.74	0.00	26.156	12.038	0.7538
300	10.288	34.361	3.65	0.00	26.403	10.253	0.8434
350	8.812	34.289	3.40	0.00	26.592	8.774	0.9223
400	7.730	34.262	3.05	0.00	26.734	7.690	0.9938
450	6.596	34.242	2.73	0.00	26.877	6.555	1.0591
500	5.516	34.157	2.60	0.00	26.946	5.475	1.1188
550	5.031	34.175	2.23	0.00	27.017	4.987	1.1750
600	4.326	34.179	1.80	0.00	27.099	4.282	1.2271
650	4.061	34.205	1.54	0.00	27.147	4.014	1.2765
700	4.008	34.274	1.48	0.00	27.208	3.957	1.3237
750	3.817	34.291	1.36	0.00	27.241	3.763	1.3686
800	3.661	34.320	1.30	0.00	27.279	3.604	1.4117
900	3.534	34.391	1.49	0.00	27.348	3.470	1.4932
1000	3.121	34.407	1.23	0.00	27.401	3.053	1.5691

Station: K-45
 Latitude:35-60.00 Longitude:143-60.00 Depth:5720
 Date:1998/9/12 Time:08:11

Press	Temp	Sal	Oxy	Trans	Sig-t	P.temp	D.M.
[dBar]	[°C]	[PSU]	[ml/L]	[%]	[Kg/m ³]	[°C]	
6	27.956	34.123	4.07	0.01	21.750	27.954	0.0000
10	27.945	34.122	4.05	0.00	21.752	27.942	0.0242
20	27.590	34.175	4.07	0.00	21.907	27.585	0.0846
30	25.087	34.456	4.08	0.00	22.904	25.080	0.1380
40	22.232	34.650	3.96	0.02	23.887	22.224	0.1839
50	20.840	34.654	3.86	0.01	24.274	20.830	0.2217
75	19.151	34.672	4.04	0.00	24.732	19.137	0.3069
100	17.145	34.652	3.93	0.00	25.213	17.128	0.3822
125	15.606	34.626	3.92	0.00	25.549	15.586	0.4472
150	13.834	34.562	3.91	0.00	25.884	13.813	0.5049
175	12.468	34.484	3.81	0.00	26.098	12.445	0.5558
200	11.982	34.456	3.70	0.00	26.170	11.956	0.6035
250	10.591	34.389	3.47	0.00	26.373	10.561	0.6919
300	8.561	34.209	3.64	0.00	26.568	8.529	0.7717
350	7.833	34.250	2.99	0.00	26.709	7.798	0.8436
400	6.368	34.107	3.11	0.00	26.800	6.333	0.9100
450	5.760	34.128	2.64	0.00	26.894	5.722	0.9721
500	5.087	34.151	2.22	0.00	26.992	5.047	1.0299
550	4.010	34.077	1.74	0.00	27.051	3.971	1.0840
600	4.188	34.172	1.60	0.00	27.108	4.144	1.1354
650	3.903	34.195	1.35	0.00	27.155	3.857	1.1843
700	3.798	34.234	1.25	0.00	27.198	3.748	1.2311
750	3.658	34.269	1.14	0.00	27.239	3.605	1.2759
800	3.565	34.312	1.14	0.00	27.283	3.509	1.3190
900	3.257	34.361	1.07	0.00	27.351	3.195	1.4000

Station: K-46
 Latitude:36-14.15 Longitude:144-00.76 Depth:5705
 Date:1998/9/12 Time:10:17

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	27.829	34.195	4.14	0.00	21.845	27.828	0.0000
10	27.805	34.197	4.12	0.00	21.855	27.802	0.0238
20	27.752	34.213	4.09	0.00	21.884	27.747	0.0833
30	24.625	34.581	4.08	0.01	23.138	24.619	0.1370
40	22.915	34.401	4.01	0.01	23.504	22.907	0.1832
50	20.012	34.662	3.83	0.01	24.501	20.003	0.2218
75	17.696	34.769	3.99	0.00	25.170	17.683	0.2994
100	16.485	34.729	4.16	0.00	25.427	16.469	0.3665
125	15.192	34.645	4.11	0.00	25.656	15.173	0.4282
150	13.983	34.573	3.92	0.00	25.861	13.962	0.4847
175	12.961	34.499	3.96	0.00	26.012	12.937	0.5370
200	12.044	34.432	4.06	0.00	26.139	12.018	0.5860
250	10.596	34.391	3.50	0.00	26.373	10.566	0.6760
300	9.602	34.331	3.37	0.00	26.497	9.568	0.7580
350	8.686	34.306	3.11	0.00	26.624	8.649	0.8335
400	6.310	34.088	3.12	0.00	26.793	6.274	0.9024
450	4.699	33.977	2.92	0.00	26.898	4.665	0.9650
500	4.815	34.088	2.36	0.00	26.973	4.777	1.0232
550	4.428	34.097	1.91	0.00	27.023	4.387	1.0782
600	4.108	34.154	1.54	0.00	27.102	4.064	1.1302
650	3.739	34.170	1.24	0.00	27.152	3.694	1.1790
700	3.633	34.206	1.10	0.00	27.191	3.584	1.2259
750	3.626	34.254	1.14	0.00	27.230	3.573	1.2712
800	3.619	34.300	1.16	0.00	27.268	3.562	1.3148
900	3.289	34.347	1.05	0.00	27.337	3.226	1.3971
1000	2.948	34.380	0.91	0.00	27.395	2.881	1.4735

Station: C-1D
 Latitude:36-29.97 Longitude:143-29.95 Depth:6473
 Date:1998/9/12 Time:15:45

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
7	27.078	34.116	4.25	0.01	22.027	27.076	0.0000
10	27.060	34.121	4.24	0.02	22.037	27.057	0.0174
20	26.820	34.153	4.23	0.02	22.137	26.815	0.0749
30	21.595	34.473	4.68	0.00	23.930	21.590	0.1215
40	19.669	34.580	4.35	0.00	24.528	19.662	0.1590
50	18.588	34.628	3.99	0.00	24.841	18.579	0.1912
75	16.274	34.639	3.98	0.01	25.407	16.262	0.2608
100	14.962	34.599	3.99	0.01	25.671	14.947	0.3220
125	14.026	34.561	3.92	0.00	25.842	14.008	0.3787
150	12.991	34.512	3.88	0.00	26.017	12.971	0.4313
175	11.792	34.438	3.94	0.00	26.192	11.769	0.4797
200	11.115	34.415	3.67	0.00	26.299	11.091	0.5248
250	9.701	34.350	3.45	0.00	26.494	9.673	0.6084
300	8.686	34.309	3.23	0.00	26.626	8.654	0.6845
350	7.443	34.263	2.96	0.00	26.776	7.409	0.7534
400	6.076	34.126	3.01	0.00	26.852	6.041	0.8173
450	5.791	34.154	2.71	0.00	26.910	5.753	0.8781
500	5.410	34.167	2.43	0.00	26.967	5.369	0.9357
550	5.144	34.183	2.22	0.00	27.011	5.100	0.9916
600	4.753	34.195	1.99	0.00	27.065	4.706	1.0453
650	4.562	34.227	1.80	0.00	27.112	4.512	1.0967
700	4.243	34.252	1.59	0.00	27.166	4.191	1.1456
750	3.638	34.229	1.13	0.00	27.210	3.585	1.1920
800	3.497	34.269	1.13	0.00	27.255	3.441	1.2364
900	3.356	34.341	1.12	0.00	27.326	3.293	1.3194
1000	3.107	34.380	1.07	0.00	27.380	3.039	1.3969

Station: C-2D
 Latitude:36-45.00 Longitude:143-30.00 Depth:7030
 Date:1998/9/12 Time:17:20

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	25.241	33.791	4.41	0.01	22.355	25.240	0.0000
10	25.286	33.833	4.39	0.00	22.373	25.284	0.0438
20	25.318	33.973	4.36	0.01	22.469	25.314	0.0977
30	20.311	34.347	5.14	0.01	24.182	20.306	0.1433
40	18.956	34.353	5.24	0.00	24.538	18.949	0.1793
50	17.380	34.349	5.41	0.00	24.924	17.371	0.2118
75	14.091	34.377	4.70	0.00	25.686	14.080	0.2785
100	13.742	34.478	4.26	0.02	25.837	13.728	0.3348
125	12.941	34.461	4.47	0.00	25.987	12.924	0.3880
150	11.432	34.349	5.06	0.00	26.189	11.413	0.4362
175	10.812	34.306	5.35	0.00	26.269	10.791	0.4816
200	10.357	34.270	5.67	0.00	26.321	10.334	0.5254
250	9.325	34.164	5.71	0.00	26.411	9.298	0.6098
300	7.189	33.923	4.90	0.00	26.544	7.160	0.6891
350	6.722	33.995	4.12	0.00	26.665	6.690	0.7626
400	5.073	33.878	3.71	0.00	26.777	5.042	0.8300
450	4.099	33.850	3.13	0.00	26.861	4.067	0.8931
500	3.664	33.870	2.50	0.00	26.921	3.630	0.9527
550	5.530	34.218	2.20	0.00	26.993	5.484	1.0097
600	4.901	34.207	1.99	0.00	27.058	4.853	1.0640
650	4.425	34.220	1.62	0.00	27.121	4.376	1.1151
700	4.165	34.256	1.49	0.00	27.177	4.113	1.1635
750	3.878	34.274	1.30	0.00	27.221	3.824	1.2096
800	3.722	34.306	1.23	0.00	27.262	3.665	1.2536
900	3.297	34.319	0.98	0.00	27.314	3.234	1.3375
1000	3.095	34.361	0.95	0.00	27.367	3.027	1.4166

Station: C-3D
 Latitude:37-00.00 Longitude:143-30.00 Depth:7561
 Date:1998/9/12 Time:19:25

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	24.693	33.853	4.46	0.00	22.567	24.692	0.0052
10	23.146	33.772	4.59	0.00	22.961	23.144	0.0470
20	23.404	34.021	4.54	0.00	23.075	23.400	0.0954
30	20.758	34.473	4.96	0.01	24.158	20.752	0.1384
40	18.889	34.377	5.03	0.01	24.573	18.882	0.1737
50	17.742	34.390	4.69	0.01	24.868	17.734	0.2059
75	16.111	34.586	4.12	0.01	25.404	16.099	0.2761
100	14.977	34.543	4.08	0.00	25.624	14.962	0.3382
125	14.057	34.519	4.06	0.01	25.803	14.039	0.3953
150	11.924	34.179	4.75	0.01	25.966	11.904	0.4488
175	11.067	34.201	4.67	0.01	26.141	11.046	0.4984
200	10.946	34.323	5.35	0.00	26.258	10.922	0.5445
250	8.852	34.089	5.11	0.00	26.428	8.825	0.6307
300	6.337	33.792	5.52	0.00	26.555	6.311	0.7086
350	6.157	33.872	4.60	0.00	26.642	6.127	0.7823
400	4.775	33.789	4.19	0.00	26.740	4.744	0.8514
450	5.098	33.935	3.37	0.00	26.820	5.062	0.9168
500	5.742	34.129	2.64	0.00	26.896	5.699	0.9786
550	5.349	34.185	2.23	0.00	26.988	5.304	1.0370
600	4.771	34.181	1.91	0.00	27.052	4.725	1.0914
650	4.514	34.215	1.70	0.00	27.108	4.464	1.1431
700	4.145	34.210	1.40	0.00	27.142	4.094	1.1926
750	3.902	34.231	1.17	0.00	27.185	3.847	1.2403
800	3.911	34.278	1.31	0.00	27.221	3.852	1.2864
900	3.498	34.322	1.14	0.00	27.297	3.435	1.3735
1000	3.254	34.365	1.07	0.00	27.354	3.185	1.4543

Station: C-4D
 Latitude:37-15.00 Longitude:143-30.05 Depth:6910
 Date:1998/9/12 Time:21:55

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	24.039	33.508	4.55	0.00	22.501	24.037	0.0000
10	23.685	33.490	4.55	0.00	22.591	23.683	0.0212
20	24.040	34.257	4.45	0.00	23.067	24.035	0.0708
30	20.281	34.576	4.91	0.01	24.364	20.276	0.1105
40	19.052	34.619	4.82	0.00	24.716	19.045	0.1442
50	18.125	34.687	4.60	0.01	25.002	18.117	0.1750
75	16.951	34.695	4.09	0.00	25.292	16.938	0.2451
100	16.001	34.660	4.06	0.00	25.486	15.985	0.3103
125	14.646	34.576	4.01	0.00	25.722	14.628	0.3712
150	13.115	34.475	4.07	0.00	25.963	13.094	0.4254
175	12.004	34.393	4.34	0.00	26.117	11.981	0.4752
200	11.117	34.322	5.23	0.00	26.227	11.092	0.5219
250	9.811	34.166	4.96	0.00	26.332	9.783	0.6113
300	6.841	33.781	5.93	0.00	26.480	6.814	0.6941
350	5.550	33.636	6.28	0.00	26.530	5.521	0.7716
400	5.336	33.692	5.52	0.00	26.600	5.304	0.8471
450	3.477	33.562	4.95	0.00	26.693	3.448	0.9178
500	4.612	33.831	3.64	0.00	26.792	4.574	0.9846
550	3.107	33.699	2.93	0.00	26.837	3.072	1.0478
600	3.966	33.922	2.19	0.00	26.932	3.924	1.1078
650	4.136	34.037	1.77	0.00	27.006	4.088	1.1642
700	4.100	34.119	1.48	0.00	27.075	4.049	1.2176
750	3.708	34.126	1.17	0.00	27.120	3.655	1.2683
800	3.829	34.218	1.12	0.00	27.181	3.771	1.3167
900	3.333	34.250	0.81	0.00	27.255	3.270	1.4066
1000	3.052	34.294	0.72	0.00	27.317	2.984	1.4904

Station: C-5D
 Latitude:37-30.04 Longitude:143-29.92 Depth:5905
 Date:1998/9/12 Time:23:50

Station: C-6D
Latitude:37-44.17 Longitude:143-30.87 Tephth:5178
Date:1998/9/13 Time:02:40

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	23.237	33.689	4.62	0.00	22.872	23.235	0.0000
10	23.184	33.768	4.60	0.00	22.946	23.182	0.0198
20	21.031	34.503	4.97	0.00	24.107	21.027	0.0649
30	18.855	34.631	5.09	0.00	24.776	18.849	0.1001
40	17.969	34.649	4.82	0.00	25.011	17.962	0.1308
50	16.833	34.640	4.38	0.00	25.277	16.825	0.1588
75	14.900	34.584	4.16	0.00	25.673	14.889	0.2220
100	12.146	34.403	4.83	0.01	26.097	12.133	0.2751
125	11.450	34.354	5.55	0.00	26.191	11.434	0.3218
150	11.386	34.352	5.66	0.00	26.201	11.367	0.3678
175	11.343	34.352	5.72	0.00	26.208	11.321	0.4138
200	11.305	34.349	5.74	0.00	26.213	11.280	0.4597
250	11.184	34.335	5.74	0.01	26.224	11.153	0.5517
300	10.965	34.305	5.65	0.01	26.240	10.928	0.6437
350	10.185	34.192	5.49	0.00	26.290	10.144	0.7347
400	8.426	33.970	5.52	0.00	26.401	8.385	0.8220
450	5.931	33.669	6.25	0.00	26.509	5.892	0.9029
500	5.447	33.647	6.07	0.00	26.551	5.406	0.9805
550	4.961	33.661	5.20	0.00	26.618	4.918	1.0553
600	4.304	33.699	4.44	0.00	26.720	4.259	1.1257
650	4.332	33.841	3.37	0.00	26.830	4.284	1.1919
700	4.174	33.929	2.52	0.00	26.917	4.122	1.2532
750	4.013	34.007	1.96	0.00	26.995	3.959	1.3107
800	3.824	34.063	1.56	0.00	27.059	3.766	1.3652
900	3.592	34.161	1.11	0.00	27.160	3.528	1.4662
1000	3.578	34.267	1.07	0.00	27.245	3.506	1.5595

Station: C-7-
Latitude:38-00.15 Longitude:143-30.17 Tephth:4394
Date:1998/9/13 Time:04:16

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	23.451	34.110	4.53	0.00	23.129	23.450	0.0000
10	23.457	34.112	4.50	0.00	23.128	23.454	0.0237
20	22.249	34.353	4.60	0.00	23.656	22.245	0.0703
30	19.118	34.627	4.78	0.00	24.706	19.112	0.1067
40	18.067	34.666	4.44	0.00	25.000	18.060	0.1376
50	17.243	34.664	4.24	0.00	25.198	17.235	0.1662
75	15.340	34.586	4.13	0.00	25.578	15.328	0.2314
100	12.985	34.466	4.47	-0.00	25.982	12.971	0.2863
125	11.619	34.363	5.38	0.00	26.166	11.603	0.3346
150	11.355	34.346	5.59	0.00	26.201	11.336	0.3809
175	11.294	34.346	5.60	0.00	26.213	11.273	0.4268
200	11.241	34.341	5.58	0.00	26.218	11.216	0.4727
250	11.117	34.327	5.51	0.00	26.230	11.086	0.5644
300	10.864	34.292	5.44	0.00	26.249	10.828	0.6560
350	9.929	34.164	5.21	0.00	26.311	9.889	0.7463
400	7.286	33.829	5.59	0.00	26.457	7.248	0.8308
450	5.645	33.635	6.17	0.00	26.518	5.608	0.9100
500	5.382	33.666	5.60	0.00	26.574	5.341	0.9866
550	4.647	33.676	4.82	0.00	26.665	4.606	1.0597
600	4.257	33.745	3.77	0.00	26.761	4.213	1.1282
650	4.219	33.856	3.07	0.00	26.854	4.171	1.1925
700	4.158	33.961	2.32	0.00	26.943	4.107	1.2528
750	3.927	34.020	1.69	0.00	27.014	3.873	1.3089
800	3.683	34.081	1.26	0.00	27.087	3.626	1.3619
900	3.504	34.200	0.92	0.00	27.200	3.440	1.4596
1000	3.511	34.302	1.05	0.00	27.280	3.439	1.5484

Station: C-7-
Latitude:38-00.15 Longitude:143-30.17 Tephth:4394
Date:1998/9/13 Time:04:16

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
7	23.415	34.136	4.55	0.00	23.159	23.413	0.0000
10	23.392	34.141	4.53	0.00	23.169	23.390	0.0141
20	20.716	34.573	4.91	0.00	24.246	20.712	0.0583
30	18.600	34.668	4.77	0.00	24.869	18.594	0.0919
40	17.631	34.661	4.46	0.00	25.102	17.624	0.1215
50	17.206	34.658	4.26	0.03	25.203	17.198	0.1497
75	14.983	34.592	4.06	0.02	25.661	14.971	0.2141
100	12.437	34.426	4.62	-0.00	26.059	12.424	0.2673
125	11.179	34.355	5.46	0.00	26.186	11.163	0.3147
150	11.333	34.348	5.69	0.01	26.207	11.315	0.3607

Station: C-8D
Latitude:38-15.00 Longitude:143-30.00 Depth:3350
Date:1998/9/13 Time:08:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	23.799	34.308	4.49	0.00	23.177	23.799	0.0000
10	23.787	34.309	4.46	-0.00	23.181	23.785	0.0375
20	22.176	34.441	4.67	0.01	23.744	22.172	0.0838
30	19.585	34.592	4.89	0.01	24.559	19.580	0.1203
40	18.244	34.667	4.48	0.00	24.957	18.237	0.1519
50	17.097	34.668	4.07	0.00	25.237	17.089	0.1804
75	15.768	34.644	4.00	0.01	25.527	15.757	0.2449
100	14.195	34.549	4.01	0.01	25.798	14.181	0.3033
125	12.811	34.457	4.16	0.00	26.010	12.794	0.3561
150	11.506	34.357	4.68	0.00	26.182	11.487	0.4045
175	10.956	34.305	5.39	0.00	26.242	10.935	0.4502
200	10.532	34.248	5.29	0.00	26.273	10.508	0.4951
250	8.890	34.033	5.19	0.00	26.378	8.863	0.5818
300	6.269	33.723	6.01	0.00	26.509	6.243	0.6620
350	5.381	33.663	5.59	0.00	26.571	5.353	0.7384
400	2.959	33.444	5.52	0.00	26.646	2.935	0.8106
450	3.246	33.550	4.56	0.00	26.706	3.217	0.8801
500	3.689	33.754	3.19	0.00	26.826	3.655	0.9453
550	3.747	33.854	2.39	0.00	26.900	3.709	1.0060
600	4.075	34.006	1.85	0.00	26.987	4.032	1.0632
650	3.856	34.068	1.50	0.00	27.059	3.809	1.1172
700	3.666	34.123	1.17	0.00	27.122	3.617	1.1681
750	3.634	34.189	1.02	0.00	27.178	3.581	1.2160
800	3.544	34.221	0.95	0.00	27.212	3.488	1.2621
900	3.341	34.296	0.90	0.00	27.291	3.279	1.3496
1000	3.027	34.316	0.71	0.00	27.336	2.959	1.4310

Station: C-9D
Latitude:38-30.00 Longitude:143-30.00 Depth:2875
Date:1998/9/13 Time:10:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	21.730	32.495	4.84	0.00	22.390	21.730	0.0054
10	21.666	32.516	4.82	0.00	22.424	21.664	0.0488
20	19.098	32.768	5.26	0.00	23.291	19.095	0.0997
30	16.095	33.222	6.10	0.00	24.359	16.090	0.1396
40	12.247	33.396	6.70	0.01	25.297	12.242	0.1688
50	10.877	33.727	6.04	0.01	25.806	10.871	0.1929
75	8.665	33.607	6.04	0.01	26.080	8.657	0.2439
100	5.335	33.464	6.60	0.00	26.419	5.327	0.2875
125	5.295	33.528	6.38	0.01	26.474	5.285	0.3272
150	4.009	33.433	6.44	0.01	26.539	3.999	0.3653
175	4.360	33.514	6.05	0.01	26.567	4.347	0.4023
200	4.083	33.538	5.86	0.01	26.615	4.070	0.4386
250	3.787	33.587	4.85	0.00	26.684	3.770	0.5085
300	3.160	33.591	4.09	0.00	26.746	3.142	0.5752
350	3.221	33.698	3.08	0.00	26.825	3.199	0.6387
400	3.382	33.803	2.33	0.00	26.894	3.356	0.6988
450	4.134	34.007	1.83	0.00	26.983	4.102	0.7556
500	3.734	34.035	1.35	0.00	27.046	3.700	0.8092
550	3.379	34.087	0.83	0.00	27.121	3.342	0.8593
600	3.340	34.141	0.76	0.00	27.168	3.300	0.9070
650	3.286	34.186	0.70	0.00	27.209	3.243	0.9526
700	3.232	34.208	0.67	0.00	27.232	3.185	0.9967
750	3.157	34.234	0.63	0.00	27.260	3.106	1.0400
800	3.048	34.263	0.60	0.00	27.292	2.995	1.0820
900	3.120	34.354	0.89	0.00	27.359	3.059	1.1615
1000	2.957	34.381	0.85	0.00	27.395	2.890	1.2368

Station: C-10
Latitude:38-44.96 Longitude:143-29.91 Depth:2573
Date:1998/9/13 Time:12:45

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	21.899	31.760	4.83	0.00	21.786	21.898	0.0000
10	21.805	31.878	4.82	0.00	21.901	21.803	0.0239
20	13.653	33.170	6.68	0.00	24.845	13.650	0.0665
30	8.358	33.322	7.21	0.00	25.903	8.355	0.0912
40	9.275	33.799	5.65	0.00	26.134	9.271	0.1109
50	6.681	33.521	6.25	0.00	26.297	6.677	0.1288
75	4.796	33.451	6.56	0.01	26.470	4.791	0.1695
100	4.432	33.454	6.64	0.01	26.512	4.425	0.2079
125	3.998	33.452	6.47	0.00	26.555	3.990	0.2451
150	4.012	33.516	6.00	0.00	26.605	4.001	0.2814
175	4.201	33.604	5.38	0.01	26.655	4.189	0.3168
200	4.192	33.675	4.63	0.00	26.713	4.178	0.3508
250	3.249	33.654	3.60	0.02	26.788	3.233	0.4156
300	4.300	33.906	2.70	0.02	26.885	4.278	0.4770
350	3.370	33.879	2.10	0.00			

Station: C-11
 Latitude:38-59.89 Longitude:143-29.91 Depth:2573
 Date:1998/9/13 Time:16:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	21.649	32.605	4.93	0.00	22.496	21.648	0.0000
10	21.045	32.693	4.97	0.00	22.727	21.043	0.0211
20	13.506	33.303	6.93	0.00	24.977	13.503	0.0695
30	8.016	33.323	6.93	0.00	25.954	8.013	0.0937
40	6.848	33.439	6.51	0.00	26.209	6.844	0.1127
50	4.828	33.312	6.91	0.00	26.356	4.824	0.1299
75	5.283	33.533	6.68	0.01	26.479	5.278	0.1698
100	4.489	33.503	6.47	0.01	26.545	4.482	0.2078
125	3.709	33.447	6.43	0.00	26.579	3.700	0.2447
150	3.585	33.495	5.84	-0.00	26.629	3.575	0.2805
175	3.502	33.558	5.13	0.01	26.688	3.491	0.3152
200	3.225	33.579	4.58	0.01	26.730	3.213	0.3486
250	3.392	33.723	3.10	0.01	26.830	3.376	0.4124
300	3.498	33.829	2.35	0.00	26.904	3.479	0.4721
350	4.124	33.994	1.95	0.00	26.973	4.099	0.5287
400	3.940	34.053	1.62	0.00	27.039	3.913	0.5823
450	3.407	34.056	1.12	0.00	27.094	3.378	0.6332
500	3.400	34.102	0.91	0.00	27.131	3.367	0.6821
550	3.336	34.143	0.83	0.00	27.170	3.300	0.7293
600	3.537	34.224	1.04	0.00	27.215	3.496	0.7749
650	3.288	34.235	0.84	0.00	27.248	3.244	0.8185
700	3.092	34.247	0.68	0.00	27.276	3.046	0.8607
750	3.064	34.272	0.72	0.00	27.298	3.015	0.9019
800	3.007	34.301	0.72	0.00	27.326	2.954	0.9421
900	2.948	34.355	0.82	0.00	27.375	2.888	1.0191
1000	2.911	34.410	0.94	0.00	27.422	2.844	1.0921

Station: C-11
 Latitude:38-58.69 Longitude:143-29.22 Depth:2434
 Date:1998/9/13 Time:17:38

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	21.589	32.600	4.84	0.00	22.508	21.588	0.0000
10	20.376	33.341	5.00	0.00	23.398	20.375	0.0256
20	16.449	33.512	6.07	0.00	24.501	16.446	0.0633
30	10.302	33.303	7.23	0.00	25.576	10.298	0.0915
40	7.882	33.510	6.51	0.00	26.121	7.878	0.1120
50	5.526	33.337	6.62	0.00	26.296	5.523	0.1301
75	3.813	33.283	6.91	0.00	26.439	3.808	0.1710
100	4.999	33.537	6.35	0.01	26.516	4.991	0.2096
125	4.050	33.469	6.40	0.02	26.563	4.041	0.2469
150	3.336	33.440	5.96	0.01	26.609	3.326	0.2831
175	3.774	33.562	5.22	0.01	26.665	3.763	0.3182
200	3.253	33.573	4.59	-0.00	26.723	3.240	0.3520
250	3.398	33.723	3.10	0.00	26.829	3.382	0.4160
300	3.302	33.820	2.20	0.00	26.916	3.283	0.4754
350	4.200	34.024	1.90	0.01	26.989	4.175	0.5314
400	3.667	34.029	1.50	0.01	27.047	3.640	0.5845
450	3.450	34.047	1.11	0.02	27.082	3.420	0.6354
500	3.392	34.087	0.89	0.01	27.120	3.359	0.6848
550	3.335	34.143	0.78	0.01	27.170	3.298	0.7322
600	3.560	34.222	1.03	0.02	27.211	3.518	0.7778
650	3.466	34.250	0.94	0.00	27.242	3.421	0.8217
700	3.102	34.243	0.66	0.01	27.272	3.056	0.8641
750	3.209	34.298	0.84	0.01	27.305	3.158	0.9053
800	3.003	34.314	0.74	0.02	27.337	2.950	0.9450
900	2.963	34.362	0.82	0.00	27.379	2.903	1.0216
1000	2.880	34.415	0.92	0.01	27.429	2.813	1.0939

Station: C-15
 Latitude:37-44.95 Longitude:142-00.14 Depth:500
 Date:1998/9/14 Time:01:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	24.594	33.824	4.58	0.03	22.575	24.592	0.0000
10	24.595	33.824	4.47	0.01	22.575	24.593	0.0263
20	24.596	33.824	4.45	0.01	22.574	24.592	0.0790
30	19.640	34.101	5.22	0.00	24.170	19.635	0.1245
40	-0.000	-0.000	-0.00	-0.00	-0.000	-0.000	0.1583
50	16.675	34.559	4.48	0.00	25.253	16.667	0.1873
75	14.901	34.513	4.42	0.02	25.618	14.890	0.2504
100	12.767	34.230	4.93	0.01	25.843	12.754	0.3067
125	11.874	34.255	4.81	0.00	26.035	11.858	0.3589
150	10.882	34.264	4.73	0.00	26.224	10.864	0.4068
175	9.554	34.090	4.83	0.00	26.316	9.535	0.4509
200	6.209	33.667	6.02	0.00	26.473	6.192	0.4923
250	5.151	33.603	6.03	0.00	26.551	5.132	0.5685
300	5.175	33.764	4.93	0.00	26.675	5.152	0.6404
350	4.050	33.678	4.44	0.00	26.729	4.026	0.7083
400	4.098	33.767	3.68	0.00	26.795	4.069	0.7736
450	3.671	33.855	2.63	0.00	26.908	3.640	0.8350

Station: C-11
 Latitude:38-56.39 Longitude:143-29.24 Depth:2373
 Date:1998/9/14 Time:01:41

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	21.404	32.601	4.74	0.00	22.559	21.404	0.0053
10	21.386	32.607	4.73	0.00	22.569	21.384	0.0475
20	20.189	33.750	5.00	0.00	23.759	20.185	0.0950
30	11.850	33.334	6.93	0.00	25.324	11.846	0.1288
40	8.690	33.338	6.62	0.00	25.865	8.686	0.1524
50	7.552	33.511	6.12	0.00	26.169	7.547	0.1722
75	4.829	33.396	6.50	0.00	26.423	4.824	0.2146
100	4.787	33.502	6.28	0.00	26.511	4.779	0.2535
125	4.730	33.564	6.02	0.00	26.567	4.721	0.2909
150	4.402	33.597	5.51	0.00	26.629	4.391	0.3270

Station: C-11
 Latitude:38-55.98 Longitude:143-29.24 Depth:2375
 Date:1998/9/14 Time:03:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	21.387	32.618	4.82	0.00	22.577	21.387	0.0053
10	21.405	32.629	4.79	0.00	22.580	21.403	0.0474
20	19.206	33.749	5.26	0.00	24.013	19.203	0.0922
30	12.000	33.536	6.98	0.00	25.452	11.996	0.1232
40	7.330	33.392	6.46	0.00	26.107	7.326	0.1447
50	5.281	33.349	6.54	0.00	26.334	5.277	0.1628
75	5.360	33.493	6.33	0.00	26.439	5.354	0.2038
100	4.791	33.507	6.29	0.00	26.515	4.784	0.2423
125	4.715	33.560	6.10	0.00	26.565	4.706	0.2797
150	4.469	33.603	5.62	0.02	26.626	4.458	0.3158
175	3.689	33.557	5.30	0.01	26.669	3.678	0.3506
200	3.372	33.579	4.72	0.00	26.717	3.359	0.3844
250	3.126	33.671	3.10	0.01	26.813	3.111	0.4485
300	4.151	33.919	2.44	0.00	26.911	4.130	0.5084
350	3.733	33.966	1.91	0.00	26.990	3.709	0.5643
400	3.746	34.031	1.50	0.01	27.041	3.718	0.6173
450	3.398	34.036	1.07	0.01	27.079	3.369	0.6683
500	3.719	34.131	0.96	0.00	27.123	3.685	0.7175
550	3.392	34.151	0.96	0.01	27.171	3.355	0.7649
600	3.273	34.188	0.75	0.00	27.212	3.234	0.8102
650	3.393	34.240	0.83	0.00	27.242	3.349	0.8541
700	3.307	34.269	0.86	0.01	27.273	3.260	0.8966
750	3.316	34.303	0.92	0.00	27.299	3.265	0.9380
800	3.188	34.335	0.91	0.01	27.337	3.134	0.9778
900	3.031	34.373	0.92	0.00	27.382	2.970	1.0544
1000	2.803	34.401	0.85	0.01	27.424	2.737	1.1272

Station: C-11
 Latitude:38-55.70 Longitude:143-29.52 Depth:2381
 Date:1998/9/14 Time:04:30

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	21.378	32.623	4.73	0.00	22.583	21.377	0.0000
10	21.382	32.624	4.69	0.00	22.583	21.380	0.0263
20	18.331	33.717	5.29	0.00	24.208	18.328	0.0727
30	12.634	33.584	6.46	0.00	25.368	12.630	0.1034
40	7.573	33.416	6.35	0.00	26.092	7.569	0.1248
50	-0.000	-0.000	-0.00	-0.00	-0.000	-0.000	0.1424
75	5.323	33.502	6.25	0.00	26.451	5.317	0.1831
100	5.093	33.573	6.07	0.00	26.533	5.086	0.2213
125	4.618	33.551	5.98	0.00	26.569	4.609	0.2584
150	4.462	33.597	5.60	0.01	26.622	4.451	0.2946
175	3.806	33.572	5.08	0.01	26.670	3.794	0.3294
200	3.413	33.567	4.64	-0.00	26.703	3.400	0.3633
250	3.427	33.675	3.47	0.00	26.788	3.411	0.4284
300	3.416	33.802	2.30	0.00	26.890	3.397	0.4891
350	3.844	33.984	1.88	0.00	26.994	3.820	0.5457
400	3.740	34.015	1.30	0.00	27.029	3.713	0.5988
450	3.421	34.038	1.01	0.01	27.078	3.391	0.6500
500	3.769	34.137	1.13	0.01	27.123	3.734	0.6992
550	3.351	34.138	0.79	0.01	27.164	3.315	0.7467
600	3.404	34.208	0.75	0.01	27.215	3.363	0.7922
650	3.389	34.251	0.86	0.02	27.251	3.345	0.8358
700	3.364	34.283	0.88	0.01	27.279	3.316	0.8781
750	3.289	34.310	0.89	0.01	27.307	3.238	0.9192
800	3.166	34.334	0.89	0.01	27.338	3.112	0.9589
900	2.955						

Station: C-11
 Latitude:38-52.67 Longitude:143-30.52 Depth:2387
 Date:1998/9/14 Time:12:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
4	21.698	32.716	4.96	0.00	22.567	21.698	0.0000
10	21.543	32.713	4.88	0.00	22.607	21.541	0.0316
20	17.056	33.834	5.75	0.00	24.607	17.053	0.0755
30	13.610	33.697	6.37	0.00	25.261	13.605	0.1055
40	9.410	33.434	7.05	0.00	25.826	9.405	0.1307
50	7.813	33.569	6.23	0.00	26.177	7.808	0.1504
75	6.126	33.600	6.21	0.00	26.431	6.120	0.1922
100	5.064	33.551	6.35	0.01	26.519	5.057	0.2309
125	5.154	33.611	6.16	0.01	26.557	5.145	0.2685
150	4.309	33.565	5.87	0.01	26.613	4.298	0.3048

Station: C-11
 Latitude:38-56.56 Longitude:143-29.49 Depth:2383
 Date:1998/9/14 Time:17:38

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
2	21.440	32.593	4.90	0.00	22.544	21.439	0.0000
10	21.443	32.593	4.87	0.00	22.543	21.442	0.0424
20	18.049	33.705	5.54	0.00	24.268	18.045	0.0876
30	10.850	33.372	7.27	0.00	25.535	10.846	0.1210
40	8.514	33.290	6.68	0.00	25.854	8.510	0.1433
50	6.921	33.445	6.38	0.00	26.205	6.916	0.1627
75	4.774	33.395	6.68	0.00	26.428	4.769	0.2045
100	4.413	33.484	6.54	0.01	26.538	4.406	0.2430
125	4.256	33.494	6.33	0.01	26.562	4.247	0.2802
150	4.114	33.565	5.67	0.00	26.633	4.103	0.3160

Station: C-16
 Latitude:37-45.05 Longitude:142-15.00 Depth:804
 Date:1998/9/15 Time:03:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	24.125	33.673	4.56	-0.00	22.600	24.124	0.0000
10	24.128	33.674	4.53	0.00	22.600	24.126	0.0210
20	24.117	33.672	4.51	0.02	22.602	24.112	0.0734
30	21.138	33.688	4.95	0.01	23.458	21.132	0.1241
40	16.558	33.835	5.86	0.00	24.724	16.551	0.1612
50	14.241	33.967	5.41	0.01	25.338	14.234	0.1904
75	13.004	34.271	4.71	0.00	25.827	12.994	0.2500
100	12.652	34.442	4.43	0.01	26.030	12.638	0.3021
125	11.827	34.396	4.47	-0.00	26.153	11.811	0.3505
150	10.931	34.327	4.74	0.00	26.264	10.912	0.3962
175	10.323	34.296	4.28	0.00	26.347	10.303	0.4397
200	9.323	34.204	4.14	0.00	26.443	9.301	0.4812
250	4.778	33.564	6.05	0.00	26.562	4.759	0.5570
300	5.609	33.811	4.90	0.00	26.661	5.584	0.6292
350	4.453	33.760	4.27	0.00	26.752	4.428	0.6967
400	4.621	33.905	3.30	0.00	26.850	4.591	0.7605
450	4.370	33.943	2.75	0.00	26.907	4.336	0.8209
500	5.124	34.147	2.32	0.00	26.985	5.084	0.8784
550	3.628	34.016	1.49	0.00	27.041	3.590	0.9324
600	3.831	34.112	1.40	0.00	27.097	3.788	0.9838
650	3.666	34.157	1.11	0.00	27.149	3.621	1.0328
700	3.519	34.200	1.06	0.00	27.198	3.471	1.0795
750	3.411	34.236	0.95	0.00	27.237	3.359	1.1243

Station: C-18
 Latitude:37-45.05 Longitude:143-00.00 Depth:2168
 Date:1998/9/15 Time:06:40

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	-0.000	-0.000	-0.00	-0.00	-0.000	-0.000	0.0000
10	23.776	33.740	4.63	0.02	22.754	23.774	0.0207
20	23.781	34.241	4.57	0.01	23.132	23.777	0.0700
30	20.484	34.553	4.97	0.01	24.293	20.478	0.1102
40	18.774	34.621	4.93	0.02	24.789	18.767	0.1439
50	18.014	34.681	4.49	0.02	25.024	18.006	0.1743
75	16.777	34.692	4.13	0.00	25.331	16.765	0.2439
100	15.458	34.633	4.12	0.01	25.588	15.443	0.3074
125	14.022	34.542	4.12	0.01	25.829	14.004	0.3653
150	12.588	34.442	4.27	0.00	26.042	12.568	0.4174
175	11.494	34.352	4.93	0.00	26.181	11.472	0.4654
200	10.883	34.293	5.48	0.00	26.246	10.859	0.5111
250	9.517	34.120	5.12	0.00	26.346	9.489	0.5996
300	6.409	33.732	6.18	0.00	26.498	6.382	0.6808
350	5.494	33.659	6.14	0.00	26.555	5.465	0.7576
400	4.574	33.637	5.36	0.00	26.642	4.544	0.8310
450	2.929	33.547	4.57	0.00	26.731	2.902	0.8997
500	5.172	33.968	3.19	0.00	26.837	5.132	0.9643
550	5.287	34.099	2.51	0.00	26.928	5.242	1.0251
600	5.036	34.167	2.13	0.00	27.011	4.988	1.0822
650	3.877	34.068	1.55	0.00	27.057	3.831	1.1359
700	3.721	34.103	1.27	0.00	27.101	3.671	1.1873
750	3.608	34.162	1.01	0.00	27.159	3.555	1.2364
800	3.341	34.180	0.83	0.00	27.199	3.286	1.2831
900	3.347	34.278	0.97	0.00	27.276	3.284	1.3713
1000	3.108	34.326	0.83	0.00	27.337	3.040	1.4536

Station: C-19
 Latitude:38-15.00 Longitude:143-00.00 Depth:1567
 Date:1998/9/15 Time:10:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	24.371	33.858	4.52	0.00	22.668	24.369	0.0000
10	24.398	33.896	4.46	0.00	22.688	24.396	0.0207
20	23.472	33.874	4.53	0.01	22.944	23.467	0.0706
30	22.500	34.126	4.71	0.01	23.414	22.494	0.1182
40	20.573	34.438	4.88	0.01	24.181	20.566	0.1578
50	19.406	34.481	4.88	0.00	24.520	19.397	0.1937
75	16.793	34.593	4.30	0.00	25.251	16.781	0.2690
100	14.524	34.398	4.53	0.01	25.611	14.509	0.3328
125	13.547	34.453	4.42	0.00	25.858	13.529	0.3898
150	12.719	34.438	4.48	0.00	26.013	12.699	0.4415
175	12.023	34.405	4.33	0.00	26.122	12.000	0.4906
200	11.247	34.352	4.50	0.00	26.226	11.222	0.5373
250	8.086	33.942	5.00	0.00	26.430	8.060	0.6245
300	5.633	33.675	5.63	0.00	26.551	5.609	0.7030
350	4.130	33.513	5.89	0.00	26.590	4.105	0.7772
400	5.111	33.765	4.73	0.00	26.683	5.079	0.8487
450	4.246	33.718	4.21	0.00	26.741	4.213	0.9165
500	4.726	33.901	3.28	0.00	26.835	4.688	0.9813
550	4.561	33.932	2.76	0.00	26.877	4.520	1.0427
600	3.845	33.902	2.28	0.00	26.928	3.803	1.1025
650	4.068	34.009	1.84	0.00	26.991	4.021	1.1595
700	4.125	34.070	1.63	0.00	27.033	4.074	1.2141
750	3.610	34.187	1.17	0.00	27.179	3.557	1.2654
800	3.341	34.275	0.96	0.00	27.275	3.286	1.3099
900	2.926	34.370	0.88	0.00	27.389	2.867	1.3886

Station: C-22
 Latitude:39-00.01 Longitude:143-30.15 Depth:2524
 Date:1998/9/18 Time:08:07

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	18.950	32.755	5.55	0.00	23.319	18.949	0.0000
10	18.942	32.756	5.48	0.00	23.321	18.941	0.0228
20	18.027	32.794	5.53	0.00	23.577	18.024	0.0673
30	14.387	33.022	6.27	0.00	24.578	14.383	0.1064
40	10.857	33.334	6.52	0.01	25.503	10.853	0.1345
50	7.103	33.585	6.12	0.01	26.290	7.098	0.1528
75	5.263	33.498	6.17	0.00	26.454	5.257	0.1934
100	5.440	33.602	5.76	0.00	26.516	5.433	0.2319
125	5.356	33.640	5.52	0.00	26.556	5.346	0.2693
150	4.694	33.588	5.31	0.00	26.590	4.683	0.3060
175	3.925	33.555	5.04	0.00	26.644	3.913	0.3415
200	3.607	33.564	4.49	0.00	26.683	3.594	0.3760
250	3.322	33.648	3.43	0.00	26.776	3.307	0.4417
300	3.765	33.783	2.78	0.00	26.841	3.745	0.5039
350	4.174	33.958	2.19	0.00	26.939	4.149	0.5625
400	3.744	33.983	1.60	0.00	27.003	3.717	0.6178
450	3.919	34.086	1.46	0.00	27.068	3.888	0.6705
500	3.904	34.143	1.33	0.00	27.114	3.869	0.7206
550	3.398	34.123	0.88	0.01	27.148	3.361	0.7687
600	3.317	34.165	0.80	0.01	27.189	3.277	0.8151
650	3.269	34.207	0.79	0.01	27.227	3.226	0.8597
700	3.241	34.250	0.86	0.01	27.264	3.194	0.9027
750	3.427	34.315	1.09	0.01	27.298	3.375	0.9444
800	3.232	34.329	1.02	0.02	27.328	3.178	0.9847
900	2.893	34.352	0.82	0.01	27.378	2.833	1.0617
1000	2.887	34.413	1.02	0.00	27.426	2.820	1.1342

Station: C-24
 Latitude:38-30.10 Longitude:143-30.15 Depth:2870
 Date:1998/9/18 Time:12:32

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	22.877	33.961	4.74	0.00	23.181	22.876	0.0000
10	22.876	33.961	4.70	0.00	23.181	22.874	0.0234
20	22.210	33.997	4.74	0.00	23.397	22.206	0.0696
30	21.139	34.070	4.78	0.00	23.748	21.133	0.1126
40	20.022	34.200	4.74	0.00	24.146	20.014	0.1528
50	17.876	34.457	4.81	0.03	24.887	17.868	0.1877
75	15.413	34.556	4.14	0.01	25.538	15.401	0.2546
100	14.012	34.514	4.25	0.00	25.809	13.998	0.3129
125	12.511	34.392	4.32	0.00	26.019	12.494	0.3653
150	11.694	34.372	4.59	0.00	26.159	11.675	0.4137
175	11.065	34.334	4.37	0.00	26.245	11.043	0.4597
200	10.388	34.275	4.77	0.00	26.319	10.364	0.5040
250	7.183	33.882	4.82	0.00	26.513	7.160	0.5869
300	5.714	33.735	5.19	0.00	26.588	5.690	0.6625
350	5.116	33.781	4.28	0.00	26.696	5.089	0.7336
400	5.488	33.950	3.47	0.00	26.786	5.455	0.8005
450	4.835	33.956	2.81	0.00	26.866	4.800	0.8631
500	4.538	34.010	2.27	0.00	26.942	4.500	0.9221
550	3.993	34.024	1.79	0.00	27.011	3.954	0.9780
600	3.831	34.077	1.45	0.00	27.069	3.788	1.0308
650	3.682	34.124	1.17	0.00	27.121	3.637	1.0810
700	3.627	34.171	1.03	0.00	27.164	3.579	1.1293
750	3.543	34.229	1.03	0.00	27.219	3.491	1.1754
800	3.481	34.262	0.98	0.00	27.251	3.426	1.2196
900	3.214	34.312	0.88	0.00	27.316	3.153	1.3037
1000	2.955	34.349	0.81	0.00	27.370	2.888	1.3822

Station: C-25
 Latitude:38-15.02 Longitude:143-30.00 Depth:3356
 Date:1998/9/18 Time:15:25

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	22.939	33.991	4.79	0.00	23.186	22.937	0.0000
10	22.841	33.989	4.75	0.00	23.213	22.839	0.0187
20	22.192	34.053	4.79	0.00	23.445	22.188	0.0645
30	20.129	34.210	4.92	0.00	24.125	20.123	0.1059
40	17.895	34.330	4.91	0.00	24.785	17.888	0.1411
50	15.753	34.672	4.37	0.00	25.125	15.755	0.1706
75	16.007	34.650	4.14	0.01	25.477	15.995	0.2368
100	14.134	34.464	4.31	0.01	25.745	14.120	0.2963
125	13.342	34.483	4.36	0.00	25.923	13.325	0.3512
150	12.015	34.394	4.49	0.01	26.116	11.996	0.4012
175	11.171	34.327	5.45	0.01	26.220	11.150	0.4477
200	10.691	34.268	5.34	0.00	26.261	10.667	0.4930
250	9.018	34.050	5.33	0.00	26.372	8.991	0.5805
300	6.475	33.736	6.07	0.00	26.493	6.449	0.6620
350	5.645	33.644	6.12	0.00	26.525	5.616	0.7395
400	5.454	33.696	5.44	0.00	26.589	5.422	0.8150
450	5.608	33.865	4.10	0.00	26.704	5.571	0.8865
500	4.215	33.780	3.64	0.00	26.794	4.179	0.9528
550	4.214	33.880	2.96	0.00	26.873	4.174	1.0156
600	3.501	33.887	1.91	0.00	26.950	3.460	1.0742
650	3.929	34.034	1.53	0.00	27.025	3.883	1.1296
700	4.004	34.136	1.40	0.00	27.099	3.953	1.1819
750	3.659	34.151	1.13	0.00	27.145	3.606	1.2314
800	3.559	34.186	1.04	0.00	27.183	3.503	1.2789
900	3.391	34.279	0.98	0.00	27.273	3.328	1.3684
1000	3.191	34.327	0.92	0.00	27.330	3.122	1.4512

Station: C-26
 Latitude:38-00.00 Longitude:143-30.00 Depth:4370
 Date:1998/9/18 Time:17:35

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	22.574	33.941	4.77	0.00	23.252	22.573	0.0000
10	22.531	33.944	4.74	0.00	23.267	22.529	0.0230
20	22.011	34.012	4.76	0.01	23.464	22.007	0.0687
30	20.417	34.015	4.93	0.01	23.901	20.411	0.1106
40	18.063	33.983	4.99	0.02	24.478	18.056	0.1481
50	17.141	34.328	4.83	0.00	24.965	17.133	0.1794
75	16.726	34.666	4.16	0.02	25.322	16.714	0.2500
100	15.066	34.612	4.09	0.01	25.658	15.051	0.3127
125	13.587	34.500	4.13	0.00	25.886	13.569	0.3689
150	12.300	34.412	4.31	0.00	26.075	12.280	0.4201
175	11.473	34.353	4.73	0.00	26.186	11.451	0.4680
200	11.036	34.306	5.18	0.00	26.229	11.012	0.5140
250	9.972	34.184	5.24	0.00	26.320	9.943	0.6035
300	7.460	33.858	5.77	0.00	26.455	7.431	0.6877
350	5.933	33.682	6.12	0.00	26.520	5.903	0.7666
400	4.908	33.595	5.98	0.00	26.572	4.877	0.8428
450	4.907	33.716	5.00	0.00	26.668	4.872	0.9156
500	4.364	33.728	4.29	0.00	26.737	4.327	0.9846
550	4.950	33.940	3.12	0.00	26.840	4.907	1.0497
600	4.124	33.922	2.55	0.00	26.916	4.080	1.1104
650	4.228	34.018	2.05	0.00	26.981	4.180	1.1683
700	3.997	34.058	1.73	0.00	27.037	3.946	1.2232
750	3.786	34.115	1.37	0.00	27.104	3.733	1.2752
800	3.728	34.168	1.17	0.00	27.152	3.671	1.3248
900	3.275	34.212	0.79	0.00	27.231	3.213	1.4176
1000	3.101	34.270	0.74	0.00	27.293	3.033	1.5041

Station: C-27
 Latitude:37-45.12 Longitude:143-59.72 Depth:6007
 Date:1998/9/18 Time:22:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	22.168	34.342	4.75	0.00	23.670	22.167	0.0000
10	22.018	34.356	4.76	0.01	23.724	22.016	0.0168
20	21.579	34.397	4.77	0.00	23.876	21.575	0.0574
30	20.625	34.423	4.80	0.00	24.156	20.619	0.0965
40	19.545	34.485	4.77	0.00	24.487	19.537	0.1323
50	18.031	34.561	4.70	0.02	24.929	18.022	0.1645
75	14.169	34.526	4.32	0.00	25.785	14.158	0.2287
100	12.195	34.400	4.99	0.00	26.086	12.182	0.2806
125	11.429	34.354	5.67	0.00	26.195	11.413	0.3270
150	11.377	34.354	5.75	0.00	26.204	11.359	0.3730
175	11.350	34.353	5.70	0.00	26.208	11.328	0.4190
200	11.312	34.350	5.65	0.00	26.212	11.287	0.4650
250	11.224	34.339	5.62	0.00	26.220	11.193	0.5571
300	11.055	34.314	5.55	0.00	26.231	11.018	0.6493
350	10.415	34.222	5.41	0.00	26.273	10.374	0.7409
400	8.068	33.922	5.53	0.00	26.417	8.027	0.8281
450	5.896	33.663	6.17	0.00	26.509	5.858	0.9085
500	5.455	33.647	6.02	0.00	26.550	5.414	0.9860
550	4.819	33.666	5.09	0.00	26.638	4.777	1.0605
600	4.278	33.715	4.07	0.00	26.735	4.234	1.1300
650	4.296	33.846	3.19	0.00	26.838	4.248	1.1952
700	4.263	33.957	2.42	0.00	26.929	4.211	1.2559
750	3.614	33.970	1.61	0.00	27.005	3.562	1.3130
800	3.779	34.081	1.31	0.00	27.078	3.722	1.3665
900	3.494	34.173	1.02	0.00	27.179	3.430	1.4656
1000	3.341	34.266	0.87	0.00	27.267	3.271	1.5561

Station: C-28
 Latitude:37-30.14 Longitude:144-00.00 Depth:6706
 Date:1998/9/19 Time:01:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	22.137	34.309	4.85	0.00	23.654	22.136	0.0000
10	21.714	34.246	4.85	0.00	23.724	21.712	0.0209
20	21.462	34.240	4.84	0.00	23.790	21.458	0.0624
30	21.324	34.260	4.85	0.00	23.842	21.318	0.1033
40	20.971	34.369	4.84	0.00	24.022	20.964	0.1430
50	20.790	34.413	4.80	0.00	24.103	20.781	0.1814
75	19.884	34.526	4.69	0.01	24.431	19.871	0.2740
100	16.837	34.677	4.11	-0.01	25.305	16.821	0.3499
125	15.476	34.634	4.02	0.01	25.585	15.457	0.4136
150	13.691	34.523	4.11	0.01	25.883	13.670	0.4710
175	12.217	34.413	4.31	0.00	26.092	12.194	0.5219
200	11.425	34.351	5.18	0.00	26.193	11.400	0.5695
250	11.042	34.319	5.72	0.00	26.238	11.012	0.6615
300	10.259	34.212	5.39	0.00	26.292	10.224	0.7522
350	7.673	33.881	5.72	0.00	26.442	7.639	0.8376
400	5.567	33.646	5.93	0.00	26.535	5.535	0.9163
450	5.866	33.742	5.35	0.00	26.575	5.828	0.9923
500	6.680	34.056	3.59	0.00	26.719	6.634	1.0643
550	5.081	33.942	3.17	0.00	26.827	5.037	1.1302
600	4.230	33.906	2.73	0.00	26.892	4.186	1.1919
650	3.941	33.958	2.07	0.00	26.964	3.894	1.2501
700	4.005	34.047	1.73	0.00	27.027	3.954	1.3055
750	3.800	34.105	1.40	0.00	27.095	3.747	1.3580
800	3.593	34.143	1.12	0.00	27.145	3.537	1.4076
900	3.727	34.285	1.21	0.00	27.245	3.662	1.5009
1000	3.423	34.334	1.08	0.00	27.314	3.352	1.5868

Station: C-29
 Latitude:37-15.52 Longitude:144-00.08 Depth:6403
 Date:1998/9/19 Time:02:25

Station: C-30
 Latitude:37-00.04 Longitude:144-00.01 Depth:6099
 Date:1998/9/19 Time:06:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	25.827	34.236	4.36	0.01	22.511	25.825	0.0000
10	25.819	34.235	4.33	0.01	22.512	25.817	0.0213
20	25.810	34.233	4.31	0.01	22.513	25.806	0.0746
30	25.417	34.187	4.27	0.01	22.600	25.411	0.1273
40	23.632	34.290	4.39	0.00	23.212	23.624	0.1779
50	20.435	34.350	4.65	0.00	24.151	20.426	0.2201
75	16.721	34.558	4.38	0.01	25.240	16.709	0.3000
100	14.362	34.380	4.55	0.01	25.632	14.347	0.3640
125	13.841	34.504	4.18	0.00	25.837	13.823	0.4207
150	12.600	34.436	4.14	0.00	26.035	12.580	0.4731
175	11.320	34.350	4.75	0.00	26.211	11.298	0.5209
200	10.389	34.271	5.28	0.00	26.316	10.365	0.5657
250	8.847	34.104	5.58	0.00	26.441	8.820	0.6497
300	7.063	33.903	5.35	0.00	26.546	7.035	0.7283
350	6.374	33.949	4.31	0.00	26.675	6.343	0.8015
400	5.747	33.970	3.61	0.00	26.770	5.713	0.8693
450	5.465	34.034	3.08	0.00	26.855	5.428	0.9332
500	4.624	34.008	2.56	0.00	26.931	4.586	0.9932
550	4.374	34.039	2.15	0.00	26.983	4.333	1.0499
600	4.462	34.166	1.73	0.00	27.074	4.417	1.1034
650	4.335	34.223	1.62	0.00	27.133	4.286	1.1537
700	4.068	34.258	1.44	0.00	27.189	4.016	1.2017
750	3.879	34.280	1.31	0.00	27.226	3.824	1.2472
800	3.713	34.307	1.26	0.00	27.264	3.656	1.2911
900	3.365	34.351	1.14	0.00	27.333	3.302	1.3740
1000	3.056	34.397	1.01	0.00	27.399	2.988	1.4508

Station: C-31
 Latitude:37-58.53 Longitude:143-58.26 Depth:7409
 Date:1998/9/19 Time:16:52

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
5	22.661	34.226	4.87	-0.01	23.444	22.660	0.0000
10	22.061	34.283	4.88	0.01	23.656	22.059	0.0219
20	20.793	34.361	4.98	0.01	24.064	20.789	0.0629
30	19.393	34.498	4.81	0.00	24.537	19.387	0.0988
40	17.639	34.573	4.68	-0.00	25.033	17.633	0.1305
50	15.926	34.602	4.43	0.00	25.458	15.918	0.1582
75	12.040	34.395	5.29	0.01	26.112	12.030	0.2116
100	11.471	34.358	5.77	0.01	26.189	11.459	0.2583
125	11.407	34.355	5.85	-0.00	26.199	11.392	0.3042
150	11.370	34.355	5.85	0.00	26.206	11.351	0.3501
175	11.336	34.353	5.85	0.00	26.211	11.314	0.3960
200	11.311	34.351	5.81	0.00	26.213	11.286	0.4419
250	11.242	34.342	5.75	0.00	26.219	11.211	0.5341
300	11.081	34.319	5.69	0.00	26.231	11.044	0.6264
350	10.585	34.245	5.59	0.00	26.261	10.543	0.7183
400	8.618	33.989	5.51	0.00	26.386	8.576	0.8070
450	6.193	33.698	6.19	0.00	26.500	6.153	0.8887
500	5.569	33.653	6.27	0.00	26.541	5.527	0.9668
550	5.105	33.662	5.59	0.00	26.602	5.061	1.0423
600	4.312	33.678	4.60	0.00	26.702	4.267	1.1140
650	4.380	33.805	3.66	0.00	26.796	4.331	1.1811
700	4.234	33.907	2.78	0.00	26.892	4.182	1.2437
750	4.130	34.008	2.02	0.00	26.984	4.075	1.3022
800	3.801	34.051	1.46	0.00	27.051	3.743	1.3567
900	3.581	34.165	1.10	0.00	27.164	3.517	1.4574
1000	3.467	34.252	1.04	0.00	27.244	3.396	1.5499

Station: C-31
 Latitude:38-06.00 Longitude:144-01.00 Depth:7438
 Date:1998/9/20 Time:01:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
6	22.402	34.220	4.80	-0.00	23.512	22.401	0.0000
10	22.402	34.219	4.77	0.01	23.512	22.400	0.0175
20	22.118	34.264	4.77	0.01	23.626	22.114	0.0611
30	20.280	34.394	4.81	0.01	24.226	20.274	0.0996
40	18.431	34.532	4.75	0.01	24.807	18.424	0.1342
50	16.954	34.584	4.48	0.01	25.206	16.946	0.1631
75	14.545	34.547	4.34	0.00	25.721	14.534	0.2251
100	12.367	34.413	5.04	0.03	26.063	12.354	0.2771
125	11.542	34.357	5.63	0.01	26.176	11.526	0.3245
150	11.371	34.350	5.79	0.00	26.202	11.352	0.3706

Station: C-31
 Latitude:38-09.19 Longitude:144-01.86 Depth:7274
 Date:1998/9/20 Time:01:46

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m ³]	P.temp [°C]	D.M.
7	22.494	34.190	4.65	0.01	23.464	22.492	0.0000
10	22.494	34.190	4.65	0.01	23.464	22.492	0.0132
20	22.438	34.200	4.64	0.01	23.487	22.434	0.0574
30	20.391	34.384	4.77	0.01	24.189	20.386	0.0980
40	19.248	34.486	4.75	0.01	24.565	19.241	0.1342
50	17.353	34.569	4.44	0.01	25.099	17.345	0.1651
75	15.636	34.613	4.20	-0.00	25.532	15.625	0.2319
100	13.359	34.487	4.44	0.01	25.923	13.345	0.2888
125	11.618	34.368	5.44	0.00	26.170	11.602	0.3377
150	11.384	34.351	5.76	0.00	26.200	11.365	0.3838