Preliminary Report
of
The Hakuho Maru Cruise KH-99-2

May 18, 1999 – June 10, 1999

Ocean environment related to primary production and the mechanism of biological resources variations in the Kuroshio Oyashio transitional region (GLOBEC)

Ocean Research Institute
University of Tokyo
2002

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By

The Scientific Members of the Cruise

Edited by

Takashige SUGIMOTO

PREFACE

Eastern region of Japan where the Kuroshio and Oyashio are passing through is the most important area as a nursery ground for pelagic fish larvae such as sardine and anchovy. Recruitment of sardine stock had a high level in 1980s, but remarkably decreased in 1988-91 when the Oyashio front moved to the north. Shortly after this event, this stock collapsed. However, recruitment of anchovy and saury has quite good condition at that time and these stocks have kept a high level. Main purpose of this research cruise is to clarify this recruitment process of the small pelagic fish.

In order to complete this purpose, current field structure related to biological transport, distribution and size-species composition of plankton and nutrient concentration of sea water were analyzed using ADCP, CTD/RMS, NORPAC nets, satellite imagery, drifting buoys and EPCS in detail. In addition, larvae and adults of small pelagic fish such as sardine were collected using ORI net, IKPT, mid-trawl net and gill net to survey their concentration, growth and maturity.

Fortunately, since we had very good weather condition and enthusiastic cooperation by ship crews, 100% of scheduled observation had been conducted. We would like to express our deep appreciation to the crews.

Takashige Sugimoto
Chief Scientist

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Scientists aboard

SUGIMOTO Takashige	Ocean Research Institute, the University of Tokyo
WATANABE Yoshirou	Ocean Research Institute, the University of Tokyo
NAKATA Hideaki	Ocean Research Institute, the University of Tokyo
MATSUDA Hiroyuki	Ocean Research Institute, the University of Tokyo
KOMATSU Teruhisa	Ocean Research Institute, the University of Tokyo
KIMURA Shingo	Ocean Research Institute, the University of Tokyo
KATSUKAWA Toshio	Ocean Research Institute, the University of Tokyo
INAGAKI Tadashi	Ocean Research Institute, the University of Tokyo
IGARASHI Chiaki	Ocean Research Institute, the University of Tokyo
NAGAE Hideo	Ocean Research Institute, the University of Tokyo
YAMAMOTO Fujio	Ocean Research Institute, the University of Tokyo
MIURA Toshiaki	Ocean Research Institute, the University of Tokyo
OKAZAKI Yuhji	Ocean Research Institute, the University of Tokyo
YAMAGUCHI Motoomi	Ocean Research Institute, the University of Tokyo
WATANABE Satoshi	Ocean Research Institute, the University of Tokyo
MOKU Masatoshi	Ocean Research Institute, the University of Tokyo
SUGAWARA Akihito	Ocean Research Institute, the University of Tokyo
SASA Chiyuki	Ocean Research Institute, the University of Tokyo
INOUE Takashi	Ocean Research Institute, the University of Tokyo
KITAGAWA Takashi	Ocean Research Institute, the University of Tokyo
KURATA Yasuharu	Ocean Research Institute, the University of Tokyo
YUN Syuntaku	Ocean Research Institute, the University of Tokyo
ITOH Sachihiko	Ocean Research Institute, the University of Tokyo
CHIMURA Masanori	Ocean Research Institute, the University of Tokyo
SHIRAFUJI Norio	Ocean Research Institute, the University of Tokyo
KAWAI Hiroaki	Ocean Research Institute, the University of Tokyo
Susana Saintz TRAPAGA	Ocean Research Institute, the University of Tokyo
AOKI Ichiro	Faculty of Argiculture, the University of Tokyo
MATUSHITA Katsumi	Faculty of Argiculture, the University of Tokyo
FUNAMOTO Tetsuichiro	Faculty of Argiculture, the University of Tokyo
TAKASUGA Akinori	Faculty of Argiculture, the University of Tokyo
YASUMA Hiroki	Faculty of Argiculture, the University of Tokyo
KODAMA Keita	Faculty of Argiculture, the University of Tokyo
AOKI Yoshikazu	Faculty of Science, Tohoku University
SHIMADA Teruhisa	Faculty of Science, Tohoku University
TANIGUTI Mayako	Faculty of Science, Tohoku University
YASUNAKA Sayaka	Faculty of Science, Tohoku University
NISHIMURA Sadaharu	TOYO Corporation
OHMURA Takuo	CLOVERTECH Corporation

TRACK CHART

KH–99–2 Leg.1

TRACK CHART

KH–99–2 Leg.2

Observational Table

No.1

Station	Date	Time	Lat.	Lon.	Depth	CTD	RMS	Norp.	XBT	ORI-S	ORI-O	IKPT	MTD	M-T	CMT.
X-1	5.18	22:37	35 - 00.10	140 -30.10	241				○						
X-2		22:56	34 - 58.13	-36.03	1121				○						
X-3		23:14	- 56.30	-44.12	1059				○						
X-4		23:33	- 54.41	-46.98	1467				○						
X-5		23:50	- 52.59	-52.01					○						
A-1	5.19	01:10	- 54.75	-46.62	1434	○									Argos Buoy throw
A-2		02:46	- 52.50	-52.33	2341	○									Argos Buoy throw
A-3		04:28	- 51.14	-57.88	2512	○									Argos Buoy throw
A-4		06:29	- 47.43	141 -09.36	3448	○									Argos Buoy throw
X-6		10:01	- 59.89	-59.64	4205				○						
X-7		10:20	35 - 04.78	142 -00.05	5272				○						
X-8		10:40	- 10.47	-00.03	4798				○						
X-9		10:55	- 14.75	141 -59.96	5674				○						
X-10		11:13	- 19.85	142 -00.05	5697				○						
X-11		11:36	- 26,65	-00.10	5211				○						
X-12		11:47	- 29.63	-00.08	4700				○						
X-13		12:05	- 35.00	141 -59.91	3926				○						
X-14		12:21	- 40.07	-59.74	3691				○						
X-15		12:39	- 45.00	-59.91	4204				○						
X-16		12:56	- 50.00	142 -00.02	3321				○						
G-1		14:17	- 40.06	-00.16	3758										GPS Buoy throw
G-2		14:39	- 42.05	-00.24	4144										GPS Buoy throw
X-17		15:22	- 49.97	141 -53.67	3338				○						
X-18		16:10	- 40.03	-53.75	2869				○						
X-19		16:57	- 30.00	-53.75	2887				○						
X-20		17:34	- 30.00	142 -06.00	6001				○						
X-21		18:10	- 40.00	-06.05	50.14				○						
X-22		18:45	- 50.00	-06.03	3698				○						
C-1		20:00	36 - 06.30	-03.74	2945				○	○	○				
C-2		22:19	35 - 56.31	-04.94	3906				○	○	○				
C-3	5.20	19:08	36 - 25.41	-14.15	3768	○	○			○	○				
C-4		21:15	- 20.17	-04.00	3702	○	○			○	○				
C-5		21:42	- 17.30	141 -58.47	2621	○	○			○	○				
C-6	5.21	00:13	- 15.17	-53.37	2305	○	○			○	○				
C-7		03:40	- 10.51	-42.54	1905		○		○	○	○				Bandon
C-8		09:15	- 25.15	-41.89	2040		○		○		○				Bandon
C-9		11:17	- 31.09	-52.08	2255		○		○		○				Bandon
C-10		12:40	- 34.00	-57.00	2509		○		○		○				Bandon
C-11		13:59	- 37.00	142 -02.00	2447		○		○		○				Bandon
C-12		15:17	- 40.00	-07.00	2474		○		○		○				Bandon
C-13		17:07	- 46.13	-16.95	2532		○		○		○				Bandon
C-14		19:10	- 57.49	-17.27	2563	○	○		○	○	○				
C-15		21:17	- 54.17	-06.17	2422	○	○			○	○				
C-16		22:43	- 52.34	-00.11	2308	○	○			○	○				
C-17	5.22	00:11	- 50.86	141 -53.91	1805	○	○			○	○				
C-18		02:15	- 48.00	-41.95	1110	○	○			○	○				
		04:45	- 48.73	-57,33											Argos Buoy ,GPS Buoy throw

Observational Table

Station	Date	Time	Lat.	Lon.	Depth	CTD	RMS	Norp.	XBT	ORI-S	ORI-O	IKPT	MTD	M-T	CMT.
C-19		07:07	- 48.88	-50.70	1773	○	○				○				
C-20		08:40	- 49.04	-57.73	2413	○	○				○				
C-21		00:00	- 49.22	142 -04.09	2646	○	○				○				
C-22		11:50	- 49.32	-16.96	2674	○	○				○				
D-1	5.22	20:35	35 - 30.01	143 -59.05	5776	○	○	○		○	○		○	○	
D-2	5.23	06:38	- 55.82	-58.20	5848	○	○	○		○		○			
D-3		09:54	36 - 29.82	-59.93	5822	○		○							
D-4		12:55	- 59.86	144 -00.11	6084	○		○							
D-5		15:57	37 - 30.04	-00.22	6705	○	○	○					○	○	
D-6		22:00	38 - 00.13	143 -59.94	7432	○	○	○		○	○				Gill net
D-7	5.24	05:40	- 30.00	144 -00.15	7054	○	○	○				○			
D-8		10:06	39 - 00.05	143 -59.92	5760	○	○	○							
D-9		12:59	- 30.25	143 -59.85	4836	○	○	○			○		○	○	
X-23		18:05	- 45.23	-59.96	4658				○						
D-10		19:10	40 - 00.41	-59.61	4208	○	○	○		○	○			○	
X-24		22:48	- 15.21	143 -59.71					○						
D-11		23:45	- 30.18	144 -00.36	4146	○	○	○		○					
X-25	5.25	09:36	- 45.00	-00.00					○						
D-12		02:39	41 - 00.13	143 -59.96		○									
D-13		05:28	- 29.81	-59.51		○	○						○		
J-1	5.30	23:23	39 - 59.77	144 -29.11	6835	○	○	○		○	○	○	○	○	Argos Buoy throw
E-1	5.31	17:34	41 - 00.04	149 -00.16	5299	○	○	○		○	○	○	○	○	
E-2	6.01	02:15	40 - 29.28	148 -59.89	5444	○	○	○		○					
E-3		05:10	39 - 59.90	149 -00.20	5533	○		○					○		
E-4		10:17	- 29.78	-00.36	5593	○		○					○		
E-5		15:16	38 - 50.85	148 -59.83		○	○	○		○	○		○	○	Gill net
E-6	6.02	02:45	- 30.76	149 -00.02	5655	○	○	○		○					
E-7		05:57	- 00.03	-00.15	5803	○		○				○			
E-8		10:04	37 - 30.09	-00.26	5821	○		○							
E-9		13:14	36 - 59.31	-00.34	5824	○	○	○			○		○		
E-10		18:23	- 30.19	-00.54	5808	○	○	○		○			○	○	Gill net
E-11	6.03	03:59	35 - 59.84	148 -59.94		○	○	○		○					
E-12		06:44	- 30.09	-59.76		○									
E-13		09:35	- 00.35	-59.60	6075	○	○	○			○		○	○	
E-14		15:42	34 - 30.00	149 -00.07	6084	○									
E-15		18:24	- 00.00	-00.19	6135	○	○	○		○			○		
E-16		22:38	33 - 29.91	-00.26	6198	○	○	○		○					
E-17	6.04	02:57	32 - 56.56	148 -58.76		○	○	○		○	○	○	○	○	
G-1		18:08	- 00.21	146 -00.12	6054	○	○	○		○	○	○	○		
GX-1		23:50	- 06.88	-00.11	6943				○						
GX-2	6.05	00:15	- 13.40	-00.00	5989				○						
G-2		00:46	- 20.07	145 -59.95	59.82	○	○	○		○					
GX-3		02:24	- 26.70	146 -00.06	5942				○						
GX-4		02:48	- 33.40	145 -59.91	5910				○						
G-3		03:15	- 40.07	-59.95	5851	○									
GX-5		04:22	- 46.77	-59.95	5860				○						
GX-6		04:46	- 53.30	-59.98	5846				○						

Observational Table

Station	Date	Time	Lat.	Lon.	Depth	CTD	RMS	Norp.	XBT	ORI-S	ORI-O	IKPT	MTD	M-T	CMT.
G-4		05:18	33 - 00.10	146 -00.06	57.89	○	○								
GX-7		06:24	- 06.67	-00.01	5678				○						
GX-8		06:49	- 13.33	145 -59.93	5717				○						
G-5		07:20	33 - 20.06	146 -00.07	5734	○		○							
GX-9		08:19	- 26.70	145 -59.98	5727				○						
GX-10		08:45	- 33.38	-59.93	5684				○						
G-6		09:18	- 39.96	-59.82	5666	○									
GX-11		10:16	- 46.68	-59.99	5600				○						
GX-12		10:40	- 53.40	146 -00.02	5484				○						
G-7		11:13	34 - 00.11	145 -59.84	4050	○	○								
GX-13		12:31	- 10.03	146 -00.07	5515				○						
G-8		13:17	- 19.99	145 -59.80	5862	○		○							
GX-14		14:30	- 30.02	-59.92	5868				○						
G-9		15:13	- 40.04	-59.91	5921	○									
GX-15		16:25	- 50.00	146 -00.05	5902				○						
G-10		17:07	35 - 00.27	-00.00	5925	○	○								
GX-16		18:24	- 10.00	-00.06	5861				○						
G-11		19:05	- 20.30	-00.21	5840	○	○	○		○					
GX-17		20:33	- 30.01	-00.04	5822				○						
G-12		21:14	- 40.25	-00.28	5774	○	○	○		○			○		
GX-18		23:59	- 50.00	145 -59.99	5696				○						
G-13	6.06	00:43	36 - 00.13	146 -00.00	5658	○	○	○		○					
GX-19		02:18	- 10.00	-00.00	5563				○						
G-14		03:06	- 20.58	-00.46	5517	○									
GX-20		04:19	- 30.02	-00.00	5503				○						
G-15		05:07	- 40.31	145 -59.96	5449	○									
GX-21		06:17	- 50.00	-59.71	5444				○						
G-16		07:02	37 - 00.08	-59.78	5462	○	○	○							
HX-1		08:21	36 - 59.97	-45.00	5336				○						
H-1		09:08	37 - 00.08	-29.88	5395	○									
HX-2		10:02	36 - 59.80	-15.00	5780				○						
H-2		11:15	- 59.65	-00.05	5024	○	○	○							
HX-3		12:50	- 59.97	144 -45.00	4644				○						
H-3		13:47	- 59.77	-30.15	5453	○									
HX-4		15:16	37 - 00.02	-00.00	5706				○						
H-4		16:05	- 00.24	143 -59.84	6108				○						
HX-5		16:55	37 - 00.01	-44.93	6834				○						
H-5		17:50	- 00.00	-30.10	7472	○	○	○							Argos Buoy throw
HX-6		19:39	- 00.01	-15.04	6596				○						
H-6		20:37	36 - 59.93	-00.00	5130				○						
HX-7		21:15	- 59.93	142 -45.00	4115				○						
H-7		22:13	37 - 00.31	-30.20	2890	○	○			○					
H-8	6.07	00:05	- 00.04	-10.03	2013	○	○			○					
H-9		01:58	- 00.00	141 -50.02	831	○	○			○					
H-10		03:56	36 - 59.63	-30.06	317	○	○			○					
I-1		08:17	- 30.27	142 -30.16	4230	○	○				○				
IX-1		10:01	- 30.01	-20.04	3130				○						

Observational Table

Station	Date	Time	Lat.	Lon.	Depth	CTD	RMS	Norp.	XBT	ORI-S	ORI-O	IKPT	MTD	M-T	CMT.
I-2		10:43	- 30.62	-09.95	3117	○	○				○				
IX-2		12:32	- 29.89	-00.00	2767				○						
I-3		13:12	- 30.10	141 -49.87	2208	○	○				○				
IX-3		14:45	- 29.99	-40.00	2620				○						
I-4		15:24	- 29.80	-30.12	1284	○	○				○				
IX-4		17:00	- 29.96	-20.01					○						
I-5		17:40	- 30.07	-09.89	642	○	○				○				
I-6		19:56	- 29.78	-30.09	1285	○	○			○					Gill net
I-7		23:48	- 30.34	-50.16	2212	○	○			○	○		○	○	
I-8	6.08	03:48	- 30.39	142 -09.93	3133	○	○			○					
I-9		05:43	- 30.33	-30.10	4213	○									
I-10		07:50	- 30.15	143 -00.00	7150	○									
I-11		10:05	- 30.09	-29.90	6468	○	○				○				
I-12		13:23	- 00.14	-30.02	2798	○									
I-13		15:30	- 00.07	142 -59.95	6042	○									
I-14		17:39	- 00.08	-29.89	5204	○									
I-15		19:35	- 00.53	-04.74	3634	○	○			○					
I-16		21:48	- 00.25	141 -39.73	2494	○	○			○					
I-17		00:10	- 39.97	-39.93	2716	○	○			○					
I-18		02:30	- 19.95	-39.95	2187	○	○			○					
I-19		05:06	- 00.32	-40.19	4955	○	○								
FM-1															Flowmeter Calibration

Station: A-1D
Latitude:34-54.40 Longitude:140-47.00 Depth:1460
Date:1999/05/19 Time:01:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
5	20.790	34.625	4.773		24.265	20.78	
10	20.774	34.624	4.761		24.269	20.77	
20	20.597	34.616	4.806		24.310	20.59	
30	19.239	34.550	5.031		24.616	19.23	
40	18.770	34.559	4.901		24.742	18.76	
50	17.946	34.543	4.894		24.935	17.93	
60	17.330	34.500	5.086		25.051	17.32	
70	17.028	34.528	4.861		25.145	17.01	
75	16.661	34.547	4.808		25.246	16.64	
80	16.317	34.566	4.755		25.341	16.30	
90	15.419	34.586	4.173		25.560	15.40	
100	14.995	34.583	3.978		25.651	14.98	
125	14.423	34.560	3.947		25.758	14.40	
150	14.173	34.550	3.898		25.803	14.15	
175	13.858	34.539	3.848		25.860	13.83	
200	13.858	34.539	3.840		25.860	13.82	
250	11.459	34.428	3.519		26.246	11.42	
300	9.320	34.345	3.065		26.554	9.28	
400	6.921	34.264	2.461		26.849	6.88	
500	5.668	34.248	2.025		27.000	5.62	
600	4.933	34.315	1.682		27.140	4.88	
700	4.435	34.349	1.548		27.222	4.38	
750	4.216	34.362	1.494		27.256	4.16	
800	3.797	34.355	1.271		27.294	3.73	
900	3.414	34.373	1.083		27.346	3.35	
1000	3.110	34.402	0.952		27.397	3.04	

Station: A-2D
Latitude:34-52.44 Longitude:140-52.19 Depth:2500
Date:1999/05/19 Time:02:45

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
5	21.536	34.648	4.562		24.079	21.53	
10	21.537	34.648	4.593		24.079	21.53	
20	21.394	34.642	4.600		24.114	21.39	
30	20.352	34.626	4.547		24.384	20.34	
40	19.705	34.656	4.126		24.577	19.69	
50	18.875	34.725	4.038		24.842	18.86	
60	18.665	34.718	4.023		24.890	18.65	
70	18.563	34.717	4.020		24.915	18.55	
75	18.498	34.717	4.029		24.931	18.48	
80	18.251	34.697	4.013		24.978	18.23	
90	17.545	34.672	3.986		25.132	17.53	
100	17.254	34.647	3.981		25.182	17.23	
125	15.552	34.592	4.559		25.535	15.53	
150	13.980	34.554	3.800		25.846	13.95	
175	13.550	34.530	3.746		25.917	13.52	
200	13.283	34.519	3.726		25.963	13.25	
250	11.569	34.443	3.391		26.237	11.53	
300	10.496	34.390	3.201		26.390	10.46	
400	7.698	34.291	2.675		26.761	7.65	
500	5.860	34.272	2.061		26.995	5.81	
600	4.924	34.319	1.690		27.144	4.87	
700	4.361	34.357	1.539		27.237	4.30	
750	4.222	34.365	1.492		27.258	4.16	
800	3.845	34.376	1.340		27.306	3.78	
900	3.380	34.391	1.117		27.363	3.31	
1000	3.134	34.403	0.943		27.396	3.06	

Station: A-3D
Latitude:34-51.08 Longitude:140-57.87 Depth:2550
Date:1999/05/19 Time:04:30

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
5	21.201	34.653	4.496		24.175	21.20	
10	21.208	34.655	4.510		24.174	21.20	
20	21.210	34.655	4.508		24.174	21.20	
30	21.214	34.656	4.501		24.174	21.20	
40	21.188	34.660	4.470		24.183	21.18	
50	20.096	34.622	4.374		24.447	20.08	
60	19.511	34.732	4.034		24.685	19.50	
70	19.209	34.746	4.043		24.773	19.19	
75	19.105	34.726	4.059		24.784	19.09	
80	19.003	34.720	4.084		24.806	18.98	
90	18.638	34.695	4.088		24.880	18.62	
100	17.941	34.632	4.127		25.005	17.92	
125	16.577	34.611	4.004		25.315	16.55	
150	15.873	34.604	3.946		25.472	15.84	
175	15.701	34.602	3.903		25.509	15.67	
200	14.405	34.563	3.917		25.763	14.37	
250	12.186	34.469	3.494		26.141	12.15	
300	10.951	34.410	3.270		26.324	10.91	
400	8.764	34.317	2.902		26.620	8.72	
500	6.447	34.280	2.217		26.926	6.40	
600	5.129	34.296	1.715		27.102	5.08	
700	4.272	34.316	1.412		27.214	4.21	
750	4.097	34.338	1.368		27.249	4.04	
800	4.002	34.348	1.303		27.268	3.94	
900	3.766	34.390	1.336		27.325	3.70	
1000	3.360	34.408	1.147		27.379	3.29	

Station: A-4D
Latitude:34-47.35 Longitude:141-09.32 Depth:3458
Date:1999/05/19 Time:06:30

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	22.936	34.733	4.439		23.749	22.93	
5	22.929	34.733	4.401		23.751	22.92	
10	22.928	34.733	4.385		23.752	22.92	
20	22.865	34.731	4.415		23.768	22.86	
30	22.534	34.741	4.428		23.870	22.52	
40	22.123	34.754	4.470		23.996	22.11	
50	21.553	34.707	4.268		24.119	21.54	
60	20.872	34.673	4.239		24.280	20.86	
70	20.762	34.667	4.204		24.305	20.74	
75	20.685	34.662	4.205		24.322	20.67	
80	20.566	34.664	4.178		24.355	20.55	
90	20.486	34.688	4.137		24.395	20.46	
100	20.394	34.717	4.218		24.441	20.37	
125	19.177	34.724	4.113		24.764	19.15	
150	17.020	34.650	3.938		25.241	16.99	
175	15.796	34.631	3.835		25.510	15.76	
200	15.357	34.614	3.797		25.596	15.32	
250	13.873	34.547	3.758		25.863	13.83	
300	12.065	34.460	3.519		26.157	12.02	
400	10.545	34.393	3.205		26.384	10.49	
500	7.303	34.250	2.600		26.786	7.25	
600	5.876	34.235	2.138		26.964	5.82	
700	4.806	34.269	1.634		27.118	4.75	
750	4.446	34.297	1.480		27.179	4.38	
800	4.146	34.341	1.379		27.246	4.08	
900	3.688	34.364	1.185		27.311	3.62	
1000	3.387	34.381	1.048		27.355	3.31	
1001	3.383	34.381	1.049		27.355	3.31	

Station: C-3D
Latitude:36-25.22 Longitude:142-14.40 Depth:3824
Date:1999/05/20 Time:19:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
4	22.538	34.720	4.589		23.853	22.53	
5	22.539	34.721	4.580		23.853	22.53	
10	22.472	34.720	4.571		23.872	22.47	
20	22.356	34.718	4.564		23.904	22.35	
30	22.308	34.717	4.536		23.916	22.30	
40	22.063	34.704	4.463		23.975	22.05	
50	21.004	34.708	4.252		24.271	20.99	
60	20.628	34.701	4.252		24.366	20.61	
70	20.128	34.694	4.160		24.494	20.11	
75	19.811	34.699	4.115		24.582	19.79	
80	19.509	34.701	4.160		24.662	19.49	
90	18.887	34.746	3.990		24.855	18.87	
100	18.530	34.737	3.984		24.939	18.51	
125	17.272	34.675	4.044		25.199	17.25	
150	16.961	34.686	4.048		25.282	16.93	
175	15.862	34.685	4.015		25.537	15.83	
200	14.870	34.602	3.931		25.693	14.84	
250	13.967	34.561	4.199		25.854	13.93	
300	11.982	34.434	3.710		26.153	11.94	
400	8.606	34.313	2.927		26.642	8.56	
500	6.066	34.170	2.460		26.889	6.02	

Station: C-4D
Latitude:36-20.00 Longitude:142-04.00 Depth:3700
Date:1999/05/20 Time:21:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	18.707	34.542	5.186		24.745	18.70	
5	18.706	34.541	5.182		24.745	18.70	
10	18.705	34.542	5.164		24.745	18.70	
20	18.529	34.538	5.129		24.787	18.52	
30	17.633	34.520	5.088		24.994	17.62	
40	16.280	34.474	4.972		25.279	16.27	
50	15.756	34.495	4.770		25.415	15.74	
60	15.004	34.487	4.589		25.576	14.99	
70	14.351	34.498	4.338		25.724	14.34	
75	14.039	34.496	4.263		25.790	14.02	
80	13.895	34.524	4.080		25.841	13.88	
90	13.682	34.531	4.000		25.890	13.66	
100	13.522	34.528	3.955		25.921	13.50	
125	12.707	34.486	3.676		26.053	12.69	
150	12.202	34.460	3.567		26.131	12.18	
175	11.656	34.434	3.493		26.214	11.63	
200	11.197	34.414	3.367		26.283	11.17	
250	9.904	34.359	3.117		26.468	9.87	
300	8.561	34.310	2.862		26.647	8.52	
400	6.140	34.210	2.284		26.910	6.10	
500	5.533	34.188	2.080		26.969	5.49	
503	5.544	34.196	.990e-29		26.974	5.50	

Station: C-5D
Latitude:36-17.30 Longitude:141-58.50 Depth:2636
Date:1999/05/20 Time:22:41

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	20.091	34.607	4.810		24.438	20.09	
5	20.064	34.611	4.789		24.448	20.06	
10	19.702	34.643	4.879		24.568	19.70	
20	19.345	34.644	4.831		24.661	19.34	
30	18.336	34.617	4.535		24.895	18.33	
40	17.710	34.616	4.325		25.048	17.70	
50	16.659	34.603	4.224		25.290	16.65	
60	16.185	34.605	4.097		25.401	16.17	
70	15.737	34.598	4.357		25.497	15.72	
75	15.475	34.601	4.278		25.559	15.46	
80	15.286	34.590	4.224		25.593	15.27	
90	14.879	34.580	4.412		25.674	14.86	
100	14.626	34.577	4.217		25.727	14.61	
125	13.857	34.552	3.884		25.871	13.83	
150	13.305	34.523	3.743		25.961	13.28	
175	12.382	34.478	3.569		26.110	12.35	
200	11.505	34.433	3.422		26.241	11.48	
250	10.163	34.366	3.163		26.429	10.13	
300	8.558	34.306	2.837		26.644	8.52	
400	6.325	34.225	2.311		26.898	6.29	
500	5.185	34.202	1.880		27.021	5.14	
502	5.168	34.202	.990e-29		27.023	5.12	

Station: C-15D
Latitude:36-54.17 Longitude:142-06.17 Depth:2425
Date:1999/05/21 Time:21:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	19.622	34.626	5.031		24.575	19.62	
5	19.593	34.623	5.022		24.580	19.59	
10	-9.990e-	9.990e-2	.990e-29		9.990e-2	-9.990e	
20	19.393	34.645	4.989		24.648	19.39	
30	19.330	34.643	4.916		24.663	19.32	
40	19.260	34.641	4.886		24.680	19.25	
50	18.254	34.617	4.517		24.916	18.24	
60	17.778	34.613	4.374		25.030	17.76	
70	17.209	34.605	4.320		25.161	17.19	
75	16.978	34.609	4.281		25.219	16.96	
80	16.876	34.612	4.250		25.246	16.86	
90	16.488	34.613	4.233		25.338	16.47	
100	16.119	34.608	4.216		25.418	16.10	
125	15.178	34.594	4.104		25.619	15.15	
150	14.185	34.566	3.881		25.813	14.16	
175	12.980	34.508	3.642		26.016	12.95	
200	12.279	34.464	3.562		26.119	12.25	
250	10.551	34.310	3.680		26.318	10.52	
300	9.399	34.344	2.973		26.540	9.36	
400	7.398	34.266	2.538		26.785	7.36	
500	6.100	34.232	2.200		26.933	6.05	
501	6.099	34.232	2.199		26.933	6.05	

Station: C-6D
Latitude:36-15.12 Longitude:141-53.35 Depth:2325
Date:1999/05/21 Time:00:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	19.109	34.624	5.038		24.706	19.10	
5	19.107	34.623	5.022		24.706	19.10	
10	19.109	34.623	5.031		24.705	19.10	
20	19.067	34.624	5.006		24.716	19.06	
30	18.495	34.621	4.680		24.859	18.49	
40	17.370	34.613	4.264		25.128	17.36	
50	16.625	34.536	4.755		25.247	16.61	
60	16.179	34.584	4.466		25.387	16.16	
70	15.910	34.602	4.305		25.462	15.89	
75	15.821	34.603	4.290		25.483	15.81	
80	15.696	34.605	4.250		25.513	15.68	
90	15.406	34.600	4.219		25.573	15.39	
100	15.172	34.598	4.172		25.624	15.15	
125	14.269	34.570	4.074		25.798	14.25	
150	13.134	34.516	3.720		25.991	13.11	
175	12.530	34.486	3.546		26.088	12.50	
200	11.853	34.448	3.425		26.188	11.82	
250	9.783	34.355	3.126		26.485	9.75	
300	8.036	34.253	2.941		26.682	8.00	
400	6.488	34.211	2.454		26.866	6.45	
500	5.416	34.286	1.870		27.060	5.37	
502	5.416	34.286	1.870		27.060	5.37	

Station: C-16D
Latitude:36-52.34 Longitude:142-00.11 Depth:2304
Date:1999/05/21 Time:22:43

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	19.092	34.549	5.090		24.653	19.09	
5	19.110	34.547	5.073		24.646	19.11	
10	19.049	34.550	5.076		24.665	19.04	
20	18.614	34.545	5.065		24.771	18.61	
30	16.773	34.495	4.933		25.180	16.76	
40	15.980	34.491	4.786		25.360	15.97	
50	15.096	34.496	4.491		25.562	15.08	
60	14.751	34.532	4.250		25.665	14.74	
70	14.285	34.522	4.114		25.757	14.27	
75	14.052	34.534	4.000		25.816	14.04	
80	13.943	34.531	3.971		25.836	13.93	
90	13.650	34.528	3.765		25.895	13.63	
100	13.569	34.532	3.727		25.915	13.55	
125	13.002	34.507	3.684		26.010	12.98	
150	12.416	34.475	3.599		26.101	12.39	
175	11.942	34.449	3.467		26.172	11.92	
200	11.287	34.397	3.510		26.254	11.26	
250	9.927	34.361	3.115		26.465	9.89	
300	8.840	34.324	2.878		26.614	8.80	
400	6.836	34.195	2.626		26.807	6.79	
500	5.617	34.222	1.996		26.985	5.57	
501	5.612	34.222	2.002		26.986	5.57	

Station: C-14D
Latitude:36-57.36 Longitude:142-17.28 Depth:2617
Date:1999/05/21 Time:19:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	21.766	34.652	4.613		24.018	21.76	
5	21.691	34.651	4.617		24.039	21.69	
10	21.654	34.651	4.637		24.049	21.65	
20	21.595	34.648	4.614		24.063	21.59	
30	21.056	34.642	4.517		24.206	21.05	
40	20.535	34.625	4.487		24.334	20.52	
50	19.885	34.664	4.243		24.536	19.87	
60	19.349	34.654	4.185		24.667	19.33	
70	18.903	34.633	4.223		24.765	18.89	
75	18.725	34.693	3.956		24.856	18.71	
80	18.553	34.691	3.960		24.897	18.53	
90	18.085	34.728	3.951		25.042	18.07	
100	17.483	34.681	3.999		25.153	17.46	
125	16.863	34.670	3.956		25.293	16.84	
150	16.325	34.676	3.920		25.424	16.30	
175	15.129	34.628	3.921		25.657	15.10	
200	14.630	34.582	3.928		25.730	14.60	
250	13.592	34.534	3.696		25.911	13.55	
300	12.254	34.469	3.493		26.128	12.21	
400	9.339	34.335	3.039		26.543	9.29	
500	7.019	34.245	2.558		26.[illegible]21	6.97	
502	6.981	34.244	.990e-29		26.o26	6.93	

Station: C-17D
Latitude:36-50.86N Longitude:141-53.91N Depth:1805m
Date:1999/05/22 Time:00:11

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	20.120	34.597	4.944		24.422	20.12	
5	20.113	34.595	4.897		24.423	20.11	
10	19.675	34.583	4.945		24.529	19.67	
20	18.147	34.533	4.907		24.878	18.14	
30	16.612	34.471	4.901		25.199	16.60	
40	16.233	34.477	4.770		25.292	16.22	
50	15.695	34.514	4.466		25.443	15.68	
60	15.410	34.599	4.165		25.572	15.40	
70	14.769	34.565	3.939		25.686	14.75	
75	14.504	34.535	4.152		25.720	14.49	
80	14.377	34.533	4.132		25.746	14.36	
90	14.314	34.565	4.024		25.784	14.30	
100	14.049	34.557	3.824		25.834	14.03	
125	13.580	34.533	3.711		25.913	13.56	
150	12.907	34.505	3.570		26.028	12.88	
175	11.656	34.445	3.357		26.223	11.63	
200	10.619	34.391	3.247		26.369	10.59	
250	9.416	34.327	3.062		26.524	9.38	
300	8.523	34.302	2.818		26.646	8.49	
400	6.558	34.212	2.433		26.857	6.52	
500	5.524	34.216	1.983		26.991	5.48	
513	5.387	34.225	1.899		27.015	5.34	

Station: C-18D
Latitude:36-48.00N Longitude:141-41.95E Depth:1110m
Date:1999/05/22 Time:02:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	19.217	34.619	5.106		24.674	19.21	
5	19.216	34.621	5.080		24.676	19.21	
10	19.208	34.620	5.081		24.677	19.20	
20	18.967	34.619	5.066		24.738	18.96	
30	18.322	34.600	4.732		24.886	18.31	
40	17.016	34.549	4.927		25.164	17.00	
50	16.641	34.572	4.591		25.270	16.63	
60	16.013	34.557	4.575		25.403	16.00	
70	15.375	34.566	4.430		25.554	15.36	
75	15.154	34.574	4.372		25.609	15.14	
80	14.957	34.575	4.414		25.653	14.94	
90	14.809	34.585	4.208		25.693	14.79	
100	14.615	34.582	4.029		25.733	14.60	
125	13.922	34.555	3.776		25.859	13.90	
150	12.880	34.501	3.651		26.030	12.85	
175	11.695	34.440	3.434		26.211	11.67	
200	10.994	34.410	3.264		26.317	10.97	
250	9.627	34.336	3.091		26.496	9.59	
300	8.512	34.304	2.841		26.649	8.48	
400	5.863	34.092	2.692		26.852	5.82	
500	5.442	34.233	1.941		27.015	5.40	
511	5.327	34.238	1.879		27.033	5.28	

Station: :C-21
Latitude:36-49.14N Longitude:141-04.07E Depth:2647m
Date:1999/05/22 Time:10:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	20.309	34.619	5.035		24.389	20.30	
5	20.327	34.616	4.965		24.382	20.32	
10	20.083	34.617	5.006		24.447	20.08	
20	19.257	34.602	4.966		24.651	19.25	
30	19.012	34.630	4.973		24.735	19.00	
40	18.053	34.581	4.634		24.938	18.04	
50	17.360	34.517	4.813		25.057	17.35	
60	16.961	34.544	4.588		25.173	16.95	
70	16.773	34.541	4.545		25.215	16.76	
75	16.518	34.538	4.534		25.273	16.50	
80	16.290	34.533	4.518		25.322	16.27	
90	15.827	34.542	4.380		25.434	15.81	
100	15.516	34.525	4.373		25.492	15.50	
125	14.597	34.537	4.148		25.702	14.57	
150	13.560	34.532	3.863		25.917	13.53	
175	12.774	34.494	3.563		26.046	12.75	
200	12.276	34.467	3.516		26.122	12.25	
250	11.161	34.412	3.378		26.288	11.13	
300	9.463	34.351	3.000		26.535	9.43	
400	7.147	34.266	2.484		26.820	7.10	
500	5.915	34.253	2.076		26.973	5.87	
501	5.905	34.258	2.066		26.978	5.86	

Station: :C-19
Latitude:36-48.88N Longitude:141-50.71E Depth:1784m
Date:1999/05/22 Time:07:07

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	20.915	34.642	4.799		24.244	20.91	
5	20.791	34.643	4.779		24.279	20.79	
10	20.337	34.627	4.860		24.388	20.33	
20	19.732	34.637	4.913		24.555	19.72	
30	18.852	34.574	4.899		24.733	18.84	
40	18.015	34.545	4.738		24.920	18.00	
50	17.634	34.650	4.144		25.093	17.62	
60	16.922	34.671	4.020		25.280	16.91	
70	16.303	34.657	4.048		25.414	16.29	
75	16.017	34.631	4.141		25.460	16.00	
80	15.663	34.600	4.315		25.516	15.65	
90	15.203	34.598	4.240		25.617	15.18	
100	14.765	34.564	4.410		25.687	14.75	
125	13.985	34.548	3.999		25.841	13.96	
150	13.077	34.505	3.684		25.994	13.05	
175	11.671	34.445	3.353		26.220	11.64	
200	10.946	34.407	3.267		26.323	10.92	
250	9.456	34.333	3.068		26.522	9.42	
300	8.159	34.283	2.794		26.687	8.12	
400	6.437	34.182	2.523		26.850	6.40	
500	5.500	34.215	2.009		26.994	5.45	
514	5.212	34.214	1.894		27.028	5.17	

Station: :C-22
Latitude:36-49.18N Longitude:142-16.95E Depth:2670m
Date:1999/05/22 Time:11:50

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	21.772	34.677	4.756		24.035	21.77	
5	21.759	34.676	4.699		24.038	21.75	
10	21.737	34.678	4.712		24.046	21.73	
20	21.593	34.677	4.714		24.085	21.59	
30	21.369	34.661	4.692		24.135	21.36	
40	21.068	34.654	4.616		24.212	21.06	
50	20.193	34.632	4.631		24.430	20.18	
60	19.819	34.658	4.440		24.548	19.80	
70	19.477	34.678	4.370		24.652	19.46	
75	19.393	34.709	4.391		24.697	19.38	
80	19.203	34.691	4.418		24.733	19.18	
90	18.581	34.672	4.137		24.876	18.56	
100	18.026	34.642	4.085		24.991	18.00	
125	17.119	34.613	4.064		25.189	17.09	
150	16.579	34.646	3.918		25.342	16.55	
175	15.275	34.564	4.248		25.575	15.24	
200	14.432	34.580	3.954		25.771	14.40	
250	13.071	34.511	3.752		25.999	13.03	
300	11.721	34.443	3.512		26.209	11.68	
400	8.826	34.307	2.986		26.603	8.78	
500	6.553	34.229	2.410		26.871	6.50	
502	6.508	34.226	.990e-29		26.875	6.46	

Station: :C-20
Latitude:36-48.97N Longitude:141-57.67E Depth:2413m
Date:1999/05/22 Time:08:38

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	19.667	34.580	5.135		24.528	19.66	
5	19.557	34.578	5.096		24.555	19.55	
10	-9.990e-	9.990e-2	.990e-29		9.990e-2	-9.990e	
20	18.920	34.560	5.056		24.705	18.91	
30	17.155	34.505	4.969		25.098	17.15	
40	16.099	34.471	4.824		25.318	16.09	
50	15.731	34.478	4.709		25.407	15.72	
60	15.265	34.504	4.564		25.531	15.25	
70	14.843	34.519	4.418		25.635	14.83	
75	14.577	34.524	4.300		25.696	14.56	
80	14.440	34.522	4.222		25.725	14.42	
90	14.228	34.546	3.870		25.788	14.21	
100	13.935	34.551	3.804		25.853	13.92	
125	13.410	34.517	3.839		25.935	13.39	
150	12.747	34.490	3.557		26.048	12.72	
175	12.325	34.470	3.503		26.115	12.30	
200	11.606	34.434	3.421		26.223	11.58	
250	10.099	34.369	3.130		26.442	10.07	
300	9.001	34.329	2.897		26.592	8.96	
400	7.011	34.246	2.467		26.823	6.97	
500	5.515	34.210	1.994		26.988	5.47	
502	5.460	34.201	.990e-29		26.988	5.41	

Station: :D-1D
Latitude:35-30.02N Longitude:143-59.04E Depth:5774m
Date:1999/05/22 Time:20:37

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	20.990	34.740	4.683		24.298	20.99	
5	20.986	34.741	4.667		24.300	20.98	
10	20.988	34.741	4.678		24.300	20.98	
20	20.847	34.740	4.717		24.337	20.84	
30	20.309	34.761	4.630		24.497	20.30	
40	20.011	34.760	4.426		24.575	20.00	
50	19.758	34.772	4.626		24.651	19.74	
60	19.513	34.780	4.483		24.721	19.50	
70	19.398	34.786	4.514		24.755	19.38	
75	19.290	34.782	4.551		24.780	19.27	
80	19.212	34.787	4.550		24.804	19.19	
90	18.936	34.793	4.488		24.879	18.92	
100	18.815	34.804	4.440		24.918	18.79	
125	18.224	34.792	4.342		25.057	18.20	
150	17.894	34.784	4.871		25.132	17.86	
175	17.726	34.783	4.825		25.172	17.69	
200	17.522	34.785	4.827		25.224	17.48	
250	16.134	34.711	4.242		25.494	16.09	
300	15.063	34.628	5.080		25.671	15.01	
400	12.213	34.445	3.695		26.117	12.16	
500	9.727	34.314	3.278		26.462	9.66	
500	9.698	34.313	3.250		26.466	9.64	
502	9.676	34.317	3.232		26.473	9.61	

Station: :D-2D
Latitude:35-55.81N Longitude:143-58.28E Depth:5849m
Date:1999/05/23 Time:07:38

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	21.267	34.722	4.731		24.209	21.26	
5	21.267	34.723	4.643		24.210	21.26	
10	21.268	34.723	4.654		24.209	21.26	
20	21.268	34.722	4.658		24.209	21.26	
30	21.271	34.723	4.656		24.209	21.26	
40	21.236	34.723	4.635		24.219	21.22	
50	21.158	34.729	4.651		24.244	21.14	
60	21.129	34.736	4.634		24.258	21.11	
70	21.107	34.738	4.620		24.265	21.09	
75	21.105	34.740	4.616		24.268	21.09	
80	21.106	34.741	4.612		24.267	21.09	
90	21.057	34.744	4.550		24.283	21.03	
100	20.618	34.767	4.422		24.419	20.59	
125	20.036	34.780	4.564		24.585	20.01	
150	19.634	34.790	4.647		24.697	19.60	
175	19.432	34.799	4.532		24.757	19.40	
200	19.131	34.809	4.416		24.842	19.09	
250	18.139	34.783	4.423		25.071	18.09	
300	17.241	34.775	4.235		25.284	17.19	
400	15.100	34.638	4.017		25.671	15.03	
500	12.405	34.460	3.729		26.092	12.33	
509	12.120	34.446	3.697		26.136	12.05	

Station: :D-5D
Latitude:37-30.04N Longitude:144-00.22E Depth:6705m
Date:1999/05/23 Time:15:57

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	22.428	34.742	4.646		23.901	22.42	
5	22.428	34.744	4.548		23.903	22.42	
10	21.758	34.751	4.622		24.096	21.75	
20	20.701	34.728	4.746		24.368	20.69	
30	20.589	34.723	4.765		24.394	20.58	
40	20.196	34.707	4.791		24.487	20.18	
50	20.139	34.705	4.796		24.500	20.13	
60	19.950	34.707	4.764		24.551	19.93	
70	19.389	34.708	4.811		24.698	19.37	
75	19.312	34.715	4.746		24.723	19.29	
80	19.115	34.721	4.682		24.778	19.10	
90	18.826	34.721	4.687		24.852	18.81	
100	18.669	34.734	4.699		24.902	18.65	
125	17.959	34.732	4.440		25.076	17.93	
150	17.450	34.728	4.711		25.198	17.42	
175	17.075	34.719	4.500		25.281	17.04	
200	16.534	34.715	4.176		25.405	16.50	
250	15.067	34.596	4.243		25.645	15.02	
300	13.517	34.530	3.676		25.923	13.47	
400	10.576	34.365	3.425		26.356	10.52	
500	8.336	34.290	2.852		26.665	8.28	
507	8.194	34.283	2.789		26.682	8.14	

Station: :D-3D
Latitude:36-29.85N Longitude:143-59.88E Depth:5822m
Date:1999/05/23 Time:09:54

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	20.693	34.763	4.875		24.396	20.69	
5	20.713	34.763	4.826		24.391	20.71	
10	20.685	34.763	4.821		24.399	20.68	
20	20.662	34.762	4.805		24.404	20.65	
30	20.653	34.761	4.764		24.406	20.64	
40	20.655	34.761	4.774		24.405	20.64	
50	20.631	34.763	4.752		24.413	20.62	
60	20.619	34.765	4.755		24.418	20.60	
70	20.546	34.763	4.671		24.435	20.53	
75	20.520	34.762	4.709		24.442	20.50	
80	20.483	34.762	4.705		24.452	20.46	
90	20.291	34.762	4.616		24.503	20.27	
100	20.221	34.763	4.629		24.522	20.20	
125	19.629	34.785	4.522		24.694	19.60	
150	19.227	34.793	4.583		24.805	19.20	
175	18.914	34.796	4.503		24.887	18.88	
200	18.664	34.800	4.409		24.953	18.62	
250	18.072	34.802	4.284		25.102	18.02	
300	17.460	34.801	4.171		25.251	17.41	
400	15.155	34.632	4.650		25.654	15.09	
500	12.249	34.443	3.744		26.109	12.18	
502	12.248	34.441	.990e-29		26.107	12.18	

Station: :D-6D
Latitude:38-00.00N Longitude:144-00.00E Depth:7402m
Date:1999/05/23 Time:22:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	19.550	34.615	5.232		24.585	19.55	
5	19.316	34.624	5.119		24.653	19.31	
10	19.119	34.629	5.094		24.707	19.11	
20	18.794	34.628	5.013		24.789	18.79	
30	18.526	34.630	5.023		24.858	18.52	
40	18.125	34.634	5.022		24.961	18.11	
50	17.784	34.626	5.031		25.038	17.77	
60	17.252	34.624	4.775		25.165	17.24	
70	16.921	34.623	4.672		25.243	16.91	
75	16.725	34.628	4.528		25.294	16.71	
80	16.586	34.640	4.319		25.335	16.57	
90	16.303	34.647	4.301		25.406	16.28	
100	15.907	34.626	4.189		25.481	15.89	
125	15.153	34.620	4.424		25.645	15.13	
150	14.639	34.593	4.417		25.736	14.61	
175	14.009	34.555	4.156		25.841	13.98	
200	13.145	34.486	4.173		25.965	13.11	
250	11.595	34.439	3.396		26.230	11.56	
300	10.321	34.360	3.303		26.397	10.28	
400	8.606	34.300	2.872		26.632	8.56	
500	7.028	34.282	2.374		26.849	6.98	
501	6.998	34.282	.990e-29		26.853	6.95	

Station: :D-4D
Latitude:36-59.90N Longitude:144-00.08E Depth:6084m
Date:1999/05/23 Time:12:55

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	21.363	34.728	4.723		24.188	21.36	
5	21.309	34.730	4.724		24.204	21.30	
10	21.271	34.732	4.724		24.216	21.26	
20	21.114	34.732	4.728		24.259	21.11	
30	20.987	34.734	4.731		24.295	20.98	
40	20.905	34.736	4.729		24.319	20.89	
50	20.830	34.732	4.728		24.336	20.82	
60	20.723	34.733	4.731		24.366	20.71	
70	20.572	34.752	4.632		24.420	20.55	
75	20.385	34.767	4.575		24.482	20.37	
80	20.181	34.781	4.556		24.547	20.16	
90	20.065	34.785	4.550		24.581	20.04	
100	19.827	34.793	4.619		24.649	19.80	
125	19.484	34.807	4.589		24.749	19.46	
150	19.241	34.806	4.536		24.811	19.21	
175	18.953	34.807	4.467		24.886	18.92	
200	18.508	34.803	4.356		24.995	18.47	
250	17.736	34.803	4.217		25.186	17.69	
300	16.818	34.767	4.094		25.378	16.76	
400	14.585	34.603	4.006		25.756	14.52	
500	11.599	34.382	4.054		26.184	11.53	
505	11.473	34.372	4.087		26.200	11.40	

Station: :D-12
Latitude:41-00.13N Longitude:143-59.96E Depth:????m
Date:1999/05/24 Time:02:39

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	11.562	33.653	6.722		25.624	1493	
5	10.964	33.655	6.867		25.734	1491	
10	10.411	33.644	6.977		25.823	1489	
20	10.209	33.662	6.924		25.872	1489	
30	9.727	33.742	6.747		26.015	1487	
40	9.098	33.864	6.244		26.213	1485	
50	8.865	33.882	6.147		26.264	1485	
60	8.697	33.875	6.158		26.284	1484	
70	8.480	33.862	6.154		26.308	1484	
75	8.287	33.849	6.170		26.327	1483	
80	8.044	33.835	6.156		26.352	1482	
90	7.424	33.798	6.205		26.413	1480	
100	6.977	33.751	6.287		26.438	1478	
125	6.490	33.702	6.356		26.464	1477	
150	5.260	33.564	6.473		26.507	1472	
175	5.074	33.566	6.436		26.530	1472	
200	4.787	33.570	6.354		26.565	1471	
250	5.029	33.679	6.118		26.625	1473	
300	4.724	33.711	5.514		26.684	1472	
400	3.628	33.709	3.766		26.796	1469	
500	3.575	33.881	1.966		26.938	1471	
508	3.732	33.914	1.857		26.949	1472	

Station: :D-7D
Latitude:38-30.00N Longitude:144-00.15E Depth:7054m
Date:1999/05/24 Time:05:40

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	12.956	33.445	6.847		25.197	12.95	
5	11.920	33.497	6.962		25.436	11.91	
10	11.356	33.482	7.047		25.529	11.35	
20	10.764	33.462	7.159		25.619	10.76	
30	8.928	33.372	7.653		25.854	8.92	
40	7.379	33.338	7.752		26.057	7.37	
50	6.815	33.387	7.525		26.173	6.81	
60	8.575	33.840	5.940		26.276	8.56	
70	9.342	34.089	4.883		26.349	9.33	
75	9.247	34.096	4.736		26.371	9.23	
80	9.029	34.067	4.840		26.382	9.02	
90	8.770	34.035	4.939		26.398	8.76	
100	8.444	34.008	4.976		26.428	8.43	
125	7.402	33.861	5.466		26.465	7.39	
150	6.649	33.744	5.855		26.476	6.63	
175	7.399	33.928	4.817		26.519	7.38	
200	7.541	34.005	4.266		26.559	7.52	
250	7.581	34.092	3.631		26.622	7.55	
300	7.335	34.147	3.113		26.700	7.30	
400	5.948	34.103	2.640		26.851	5.91	
500	4.829	34.078	2.061		26.963	4.79	
507	4.536	34.045	2.006		26.969	4.49	

Station: :D-8D
Latitude:39-00.05N Longitude:143-59.92E Depth:5760m
Date:1999/05/24 Time:10:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	12.907	33.864	6.580		25.531	12.90	
5	12.790	33.858	6.558		25.550	12.78	
10	11.874	33.873	6.742		25.737	11.87	
20	11.097	33.894	6.839		25.897	11.09	
30	9.473	33.808	6.719		26.108	9.47	
40	8.212	33.738	6.665		26.251	8.20	
50	7.422	33.692	6.696		26.330	7.41	
60	7.257	33.706	6.531		26.364	7.25	
70	7.233	33.768	6.375		26.416	7.22	
75	6.965	33.739	6.428		26.430	6.95	
80	6.570	33.684	6.547		26.439	6.56	
90	6.118	33.646	6.565		26.467	6.11	
100	5.715	33.591	6.761		26.474	5.70	
125	5.467	33.578	6.738		26.493	5.45	
150	4.932	33.525	6.805		26.514	4.92	
175	4.097	33.443	6.933		26.538	4.08	
200	3.642	33.392	6.998		26.543	3.62	
250	3.799	33.458	6.402		26.580	3.78	
300	3.677	33.527	5.456		26.646	3.65	
400	3.250	33.673	3.400		26.803	3.22	
500	3.448	33.870	1.880		26.942	3.41	
504	3.561	33.894	1.843		26.950	3.52	

Station: :D-9D
Latitude:39-30.00N Longitude:144-00.00E Depth:4846m
Date:1999/05/24 Time:13:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	13.283	34.039	6.499		25.591	1500	
5	13.284	34.030	6.496		25.584	1500	
10	13.316	34.114	6.475		25.643	1500	
20	13.003	34.150	6.472		25.733	1499	
30	11.988	34.111	6.576		25.900	1496	
40	11.150	34.133	6.151		26.073	1493	
50	11.102	34.155	6.104		26.099	1493	
60	11.028	34.207	5.993		26.153	1493	
70	10.785	34.204	5.951		26.194	1492	
75	10.744	34.244	5.866		26.232	1492	
80	10.669	34.256	5.816		26.254	1492	
90	10.614	34.256	5.795		26.264	1492	
100	10.540	34.248	5.799		26.271	1492	
125	10.048	34.171	5.885		26.296	1491	
150	9.237	34.041	6.050		26.329	1488	
175	8.759	33.984	6.066		26.361	1486	
200	8.120	33.900	6.171		26.392	1484	
250	6.915	33.742	6.381		26.440	1480	
300	5.811	33.600	6.653		26.470	1477	
400	5.318	33.628	6.321		26.551	1476	
500	4.579	33.632	5.653		26.637	1475	
502	4.471	33.623	.990e-29		26.642	1475	

Station: :D-10
Latitude:40-00.41N Longitude:143-59.61E Depth:4208m
Date:1999/05/24 Time:19:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	12.681	34.339	6.870		25.944	1498	
5	12.733	34.313	6.795		25.914	1498	
10	12.546	34.307	6.633		25.946	1498	
20	12.459	34.306	6.226		25.962	1497	
30	12.405	34.304	6.047		25.971	1497	
40	12.352	34.306	6.006		25.983	1497	
50	12.127	34.312	5.919		26.030	1497	
60	11.990	34.313	5.871		26.057	1496	
70	11.880	34.315	5.828		26.080	1496	
75	11.830	34.316	5.817		26.090	1496	
80	11.761	34.319	5.779		26.105	1496	
90	11.457	34.338	5.686		26.176	1495	
100	11.389	34.340	5.655		26.190	1495	
125	11.282	34.346	5.622		26.215	1495	
150	11.273	34.345	5.641		26.215	1496	
175	11.260	34.344	5.632		26.217	1496	
200	11.242	34.343	5.669		26.219	1496	
250	11.203	34.338	5.703		26.223	1497	
300	11.175	34.335	5.723		26.226	1498	
400	10.973	34.306	5.722		26.240	1499	
500	9.126	34.025	5.572		26.334	1493	
500	9.126	34.025	5.572		26.334	1493	

Station: :D-11
Latitude:40-30.19N Longitude:144-00.38E Depth:4136m
Date:1999/05/24 Time:23:45

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	13.485	34.283	6.300		25.739	1500	
5	13.470	34.288	6.303		25.746	1500	
10	13.458	34.289	6.296		25.749	1501	
20	12.778	34.277	6.268		25.877	1498	
30	12.479	34.260	6.049		25.922	1498	
40	12.161	34.269	5.970		25.991	1497	
50	11.822	34.299	5.817		26.078	1496	
60	11.273	34.249	5.837		26.141	1494	
70	11.282	34.294	5.685		26.174	1494	
75	11.254	34.303	5.671		26.187	1494	
80	11.244	34.307	5.675		26.191	1494	
90	11.191	34.318	5.646		26.209	1494	
100	11.162	34.329	5.636		26.223	1494	
125	11.101	34.330	5.661		26.235	1494	
150	11.049	34.323	5.661		26.239	1495	
175	11.000	34.317	5.700		26.244	1495	
200	10.931	34.308	5.692		26.249	1495	
250	10.748	34.282	5.695		26.262	1495	
300	10.431	34.235	5.690		26.280	1495	
400	7.990	33.878	5.812		26.394	1487	
500	5.735	33.661	5.823		26.527	1480	
513	5.420	33.620	.990e-29		26.533	1479	

Station: :D-13
Latitude:41-30.00N Longitude:144-00.00E Depth:????m
Date:1999/05/25 Time:05:25

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
5	11.204	33.684	6.264		25.714	1492	
10	11.215	33.686	6.204		25.713	1492	
20	10.846	33.660	6.262		25.759	1491	
30	9.258	33.693	6.448		26.053	1486	
40	10.586	34.217	4.209		26.239	1491	
50	8.997	34.007	5.129		26.341	1485	
60	7.023	33.739	6.177		26.422	1478	
70	6.963	33.744	6.158		26.434	1478	
75	6.840	33.728	6.179		26.438	1477	
80	6.750	33.718	6.191		26.442	1477	
90	6.387	33.671	6.269		26.453	1476	
100	5.914	33.615	6.393		26.469	1474	
125	5.396	33.573	6.428		26.498	1472	
150	5.441	33.605	6.401		26.518	1473	
175	5.025	33.596	6.203		26.559	1471	
200	5.277	33.648	5.803		26.571	1473	
250	4.438	33.602	5.532		26.629	1470	
300	3.415	33.594	4.354		26.725	1467	
400	3.434	33.764	2.739		26.858	1469	
500	3.680	33.949	1.591		26.982	1472	
505	3.714	33.962	.990e-29		26.989	1472	

Station: :E-1D
Latitude:41-00.04N Longitude:149-00.16E Depth:5299m
Date:1999/05/31 Time:17:34

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
4	9.927	33.346	7.213		25.673	1487	
5	9.964	33.347	7.201		25.667	1487	
10	9.983	33.343	7.117		25.661	1487	
20	9.111	33.346	7.193		25.805	1484	
30	7.804	33.336	7.327		25.995	1480	
40	4.434	33.184	7.692		26.297	1466	
50	2.650	33.063	7.836		26.369	1459	
60	1.964	33.113	7.697		26.462	1456	
70	2.177	33.183	7.505		26.503	1457	
75	2.352	33.212	7.416		26.512	1458	
80	2.212	33.210	7.435		26.521	1457	
90	2.210	33.221	7.423		26.530	1458	
100	2.530	33.258	7.335		26.534	1459	
125	1.961	33.234	7.342		26.560	1457	
150	1.909	33.269	6.893		26.592	1457	
175	3.146	33.470	5.363		26.650	1463	
200	3.545	33.575	4.586		26.697	1466	
250	3.991	33.743	3.518		26.787	1469	
300	4.271	33.880	2.719		26.867	1471	
400	3.963	34.013	1.626		27.004	1471	
500	3.856	34.146	1.075		27.121	1473	
600	3.627	34.236	0.873		27.216	1473	
700	3.065	34.259	0.539		27.287	1473	
750	3.003	34.289	0.548		27.317	1473	
800	2.931	34.317	0.547		27.346	1474	
900	2.828	34.381	0.589		27.406	1475	
1000	2.749	34.426	0.731		27.449	1477	
1005	2.741	34.428	0.740		27.451	1477	

Station: :E-2D
Latitude:40-29.26N Longitude:148-59.91E Depth:5446m
Date:1999/06/01 Time:02:17

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	9.136	32.994	7.414		25.526	1484	
5	8.230	32.999	7.512		25.669	1480	
10	7.809	33.002	7.529		25.732	1479	
20	7.024	32.998	7.532		25.839	1476	
30	6.329	33.033	7.431		25.957	1474	
40	3.314	33.131	7.528		26.365	1461	
50	2.711	33.136	7.473		26.422	1459	
60	2.273	33.138	7.432		26.459	1457	
70	1.510	33.118	7.546		26.499	1454	
75	1.379	33.110	7.558		26.502	1454	
80	1.354	33.108	7.563		26.502	1454	
90	1.310	33.108	7.610		26.505	1454	
100	1.520	33.138	7.527		26.514	1455	
125	1.938	33.230	7.048		26.558	1457	
150	2.150	33.347	5.691		26.636	1459	
175	2.825	33.562	3.718		26.753	1462	
200	3.004	33.661	2.945		26.816	1463	
250	3.383	33.798	2.251		26.890	1466	
300	3.163	33.860	1.603		26.960	1466	
400	3.292	34.010	0.908		27.068	1468	
500	3.454	34.154	0.751		27.167	1471	
502	3.439	34.155	0.741		27.169	1471	

Station: :E-3D
Latitude:39-59.90N Longitude:149-00.16E Depth:5532m
Date:1999/06/01 Time:05:08

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	7.016	33.038	7.559		25.871	1476	
5	6.894	33.014	7.537		25.869	1475	
10	6.726	33.028	7.539		25.902	1475	
20	6.362	33.024	7.536		25.946	1474	
30	5.673	33.036	7.497		26.041	1471	
40	3.284	33.091	7.724		26.336	1461	
50	2.501	33.099	7.571		26.410	1458	
60	1.673	33.115	7.495		26.485	1455	
70	1.394	33.114	7.487		26.504	1454	
75	1.275	33.111	7.504		26.509	1453	
80	1.247	33.110	7.497		26.510	1453	
90	1.333	33.123	7.446		26.515	1454	
100	1.354	33.133	7.449		26.522	1454	
125	1.390	33.199	7.149		26.572	1455	
150	2.160	33.341	5.700		26.630	1459	
175	2.499	33.509	3.905		26.737	1461	
200	2.814	33.608	3.228		26.790	1463	
250	3.094	33.729	2.425		26.862	1465	
300	3.320	33.843	1.798		26.932	1467	
400	3.296	34.000	0.930		27.059	1468	
500	3.353	34.111	0.716		27.142	1470	
507	3.385	34.126	0.689		27.152	1471	

Station: :E-4D
Latitude:39-29.78N Longitude:149-00.36E Depth:5593m
Date:1999/06/01 Time:10:17

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	17.574	34.533	5.351		25.018	1514	
5	17.575	34.534	5.344		25.018	1514	
10	16.517	34.448	5.826		25.204	1510	
20	15.717	34.403	5.663		25.352	1508	
30	15.480	34.405	5.574		25.407	1507	
40	15.032	34.405	5.489		25.506	1506	
50	13.585	34.374	5.510		25.789	1502	
60	13.008	34.376	5.383		25.908	1500	
70	12.148	34.315	5.528		26.029	1497	
75	11.779	34.297	5.508		26.084	1496	
80	11.404	34.275	5.491		26.137	1495	
90	10.922	34.248	5.276		26.204	1493	
100	10.394	34.207	5.329		26.265	1491	
125	9.785	34.191	4.432		26.356	1490	
150	8.645	34.037	5.265		26.419	1486	
175	7.610	33.902	5.573		26.468	1482	
200	6.610	33.791	5.703		26.519	1478	
250	5.374	33.654	5.757		26.565	1474	
300	5.612	33.827	4.347		26.673	1476	
400	3.917	33.815	3.079		26.852	1471	
500	4.297	34.027	1.859		26.981	1474	
513	4.487	34.082	1.743		27.005	1475	

Station: :E-5D
Latitude:38-59.91N Longitude:148-59.97E Depth:????m
Date:1999/06/01 Time:15:16

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	18.051	34.668	5.287		25.005	1515	
5	18.060	34.667	5.237		25.002	1515	
10	18.061	34.667	5.206		25.002	1515	
20	17.818	34.675	5.252		25.068	1515	
30	17.403	34.691	5.224		25.180	1514	
40	-9.990e-	9.990e-2	.990e-29		9.990e-2	-9.990e	
50	17.081	34.704	5.066		25.268	1513	
60	16.848	34.704	4.976		25.323	1513	
70	16.289	34.700	4.880		25.450	1511	
75	16.030	34.695	4.818		25.506	1510	
80	15.775	34.680	4.790		25.553	1510	
90	15.380	34.651	4.702		25.619	1508	
100	15.118	34.632	4.651		25.662	1508	
125	13.943	34.529	4.495		25.835	1504	
150	12.271	34.411	4.157		26.079	1499	
175	11.084	34.293	4.711		26.209	1495	
200	9.687	34.157	4.978		26.346	1490	
250	7.355	33.852	5.973		26.465	1482	
300	4.760	33.545	6.523		26.549	1472	
400	6.345	34.090	2.978		26.789	1481	
500	5.281	34.142	2.119		26.962	1478	
600	3.146	34.010	1.007		27.081	1471	
700	3.180	34.098	0.657		27.148	1473	
750	3.156	34.119	0.629		27.167	1474	
800	3.142	34.139	0.590		27.185	1475	
900	3.144	34.201	0.534		27.234	1476	
1000	3.248	34.358	0.802		27.349	1479	
1007	3.190	34.355	0.785		27.352	1478	

Station: :E-6D
Latitude:38-30.76N Longitude:149-00.02E Depth:5655m
Date:1999/06/02 Time:02:45

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	17.680	34.454	5.346		24.932	1514	
5	17.671	34.454	5.337		24.934	1514	
10	17.366	34.442	5.393		24.999	1513	
20	14.575	34.316	5.738		25.536	1504	
30	13.962	34.222	5.769		25.593	1502	
40	13.556	34.174	5.839		25.641	1501	
50	12.994	34.141	5.927		25.728	1499	
60	12.801	34.193	5.951		25.807	1499	
70	12.573	34.258	5.993		25.902	1499	
75	12.461	34.332	5.647		25.981	1498	
80	12.354	34.349	5.144		26.016	1498	
90	11.759	34.325	5.043		26.110	1496	
100	11.247	34.286	4.930		26.175	1495	
125	10.606	34.280	4.236		26.285	1493	
150	10.056	34.219	4.336		26.332	1491	
175	8.613	34.033	5.094		26.421	1486	
200	7.625	33.943	5.042		26.498	1483	
250	6.363	33.816	5.146		26.571	1478	
300	6.833	33.997	3.930		26.651	1481	
400	5.012	33.952	2.889		26.843	1476	
500	4.601	34.072	1.897		26.984	1476	
508	4.564	34.083	1.829		26.997	1476	

Station: :E-7D
Latitude:38-00.00N Longitude:149-00.00E Depth:5814m
Date:1999/06/02 Time:05:50

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
5	16.605	34.183	5.546		24.980	1510	
10	16.566	34.182	5.512		24.988	1510	
20	16.187	34.314	5.660		25.177	1509	
30	15.683	34.330	5.573		25.304	1508	
40	13.281	34.347	5.757		25.830	1501	
50	12.093	34.237	5.553		25.979	1497	
60	10.507	34.148	5.300		26.199	1491	
70	9.965	34.105	5.215		26.259	1489	
75	9.371	34.067	5.187		26.328	1487	
80	8.934	34.027	5.171		26.367	1486	
90	8.804	34.013	5.077		26.376	1485	
100	8.086	33.938	5.204		26.427	1483	
125	6.983	33.793	5.703		26.470	1479	
150	6.677	33.781	5.532		26.502	1478	
175	5.822	33.695	5.678		26.544	1475	
200	5.785	33.743	5.253		26.586	1475	
250	5.876	33.854	4.245		26.663	1476	
300	5.242	33.911	3.396		26.784	1475	
400	4.971	34.050	2.312		26.925	1475	
500	4.790	34.202	1.631		27.066	1477	
504	4.819	34.207	1.610		27.067	1477	

Station: :E-8D
Latitude:37-30.09N Longitude:149-00.25E Depth:5817m
Date:1999/06/02 Time:10:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	18.873	34.398	5.132		24.593	1517	
5	18.821	34.398	5.107		24.606	1517	
10	18.679	34.406	5.113		24.648	1517	
20	18.212	34.473	5.142		24.816	1516	
30	17.692	34.515	5.141		24.975	1514	
40	17.495	34.520	5.107		25.027	1514	
50	17.305	34.545	4.966		25.092	1514	
60	16.056	34.624	4.395		25.446	1510	
70	15.631	34.629	4.194		25.546	1509	
75	15.461	34.621	4.243		25.578	1508	
80	15.264	34.615	4.240		25.617	1508	
90	14.946	34.604	4.143		25.678	1507	
100	14.610	34.589	4.060		25.740	1506	
125	12.782	34.330	4.623		25.917	1500	
150	12.362	34.480	3.547		26.116	1499	
175	11.549	34.437	3.373		26.236	1497	
200	10.808	34.378	3.406		26.325	1495	
250	7.220	33.910	4.982		26.530	1482	
300	5.029	33.621	6.018		26.579	1474	
400	6.553	34.151	2.923		26.810	1482	
500	5.719	34.227	2.111		26.977	1480	
504	5.413	34.182	2.102		26.978	1479	

Station: :E-9D
Latitude:36-59.32N Longitude:149-00.25E Depth:5824m
Date:1999/06/02 Time:13:13

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
6	21.665	34.617	4.728		24.020	1525	
10	21.666	34.617	4.726		24.020	1525	
20	21.563	34.629	4.696		24.057	1525	
30	21.504	34.632	4.680		24.075	1525	
40	20.991	34.674	4.431		24.248	1524	
50	20.395	34.657	4.444		24.395	1523	
60	19.960	34.656	4.354		24.510	1521	
70	19.551	34.680	4.257		24.635	1521	
75	19.568	34.726	4.075		24.666	1521	
80	19.397	34.737	4.105		24.718	1520	
90	19.092	34.730	4.111		24.792	1520	
100	18.810	34.733	4.077		24.865	1519	
125	18.136	34.733	4.025		25.034	1517	
150	17.359	34.722	3.969		25.215	1516	
175	16.580	34.694	3.884		25.378	1514	
200	15.781	34.652	3.878		25.529	1512	
250	14.265	34.566	3.947		25.796	1507	
300	12.792	34.501	3.627		26.047	1503	
400	7.815	33.916	5.620		26.450	1487	
500	5.524	33.814	4.649		26.674	1479	
600	3.744	33.791	2.884		26.850	1473	
700	5.477	34.249	1.897		27.023	1483	
750	5.050	34.294	1.682		27.110	1482	
800	4.633	34.311	1.522		27.170	1481	
900	3.722	34.298	0.991		27.256	1479	
1000	3.637	34.386	1.217		27.335	1480	
1011	3.526	34.374	.990e-29		27.336	1480	

Station: :E-10
Latitude:36-30.19N Longitude:149-00.54E Depth:5808m
Date:1999/06/02 Time:18:23

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
5	21.180	34.662	4.688		24.188	1524	
10	21.177	34.663	4.619		24.189	1524	
20	21.161	34.663	4.629		24.193	1524	
30	20.843	34.678	4.652		24.291	1523	
40	20.606	34.708	4.614		24.378	1523	
50	19.862	34.772	4.629		24.624	1521	
60	19.845	34.772	4.621		24.629	1521	
70	19.532	34.808	4.643		24.737	1521	
75	19.402	34.807	4.582		24.770	1520	
80	19.331	34.807	4.577		24.789	1520	
90	19.247	34.804	4.577		24.808	1520	
100	19.198	34.805	4.548		24.821	1520	
125	18.929	34.805	4.597		24.890	1520	
150	18.529	34.794	4.469		24.983	1519	
175	18.204	34.793	4.374		25.063	1519	
200	17.845	34.794	4.315		25.152	1518	
250	17.620	34.781	4.667		25.197	1518	
300	16.844	34.756	4.153		25.364	1517	
400	15.178	34.633	5.067		25.650	1513	
500	12.512	34.445	4.002		26.059	1506	
508	12.292	34.420	.990e-29		26.083	1505	

Station: :E-11
Latitude:35-59.83N Longitude:148-59.94E Depth:0m
Date:1999/06/03 Time:04:00

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	20.729	34.621	4.782		24.278	1523	
5	20.729	34.622	4.777		24.279	1523	
10	20.728	34.622	4.769		24.279	1523	
20	20.679	34.619	4.742		24.291	1523	
30	19.647	34.744	4.843		24.659	1520	
40	19.299	34.754	4.908		24.757	1519	
50	18.708	34.767	4.948		24.916	1518	
60	18.309	34.778	4.667		25.025	1517	
70	18.193	34.777	4.956		25.053	1517	
75	18.159	34.776	4.954		25.061	1517	
80	18.010	34.784	5.024		25.104	1516	
90	17.940	34.784	4.975		25.121	1516	
100	17.907	34.780	4.966		25.126	1516	
125	17.815	34.780	4.872		25.149	1517	
150	17.765	34.780	4.842		25.161	1517	
175	17.741	34.780	4.824		25.167	1517	
200	17.723	34.782	4.835		25.173	1518	
250	17.640	34.779	4.745		25.191	1518	
300	16.824	34.742	4.322		25.357	1516	
400	15.436	34.651	5.033		25.606	1514	
500	14.908	34.613	4.702		25.693	1514	
508	14.750	34.601	4.624		25.719	1513	

Station: :E-12
Latitude:35-30.08N Longitude:148-59.79E Depth:0m
Date:1999/06/03 Time:06:44

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	20.833	34.622	4.735		24.251	1523	
5	20.834	34.622	4.680		24.251	1523	
10	20.836	34.623	4.674		24.251	1523	
20	20.829	34.623	4.684		24.253	1523	
30	20.797	34.627	4.696		24.265	1523	
40	19.733	34.788	4.811		24.670	1521	
50	19.456	34.801	4.827		24.752	1520	
60	19.336	34.797	4.762		24.779	1520	
70	19.252	34.798	4.681		24.802	1520	
75	19.191	34.797	4.601		24.817	1520	
80	19.156	34.798	4.629		24.826	1520	
90	19.072	34.800	4.613		24.850	1520	
100	19.022	34.801	4.614		24.864	1520	
125	18.936	34.804	4.603		24.888	1520	
150	18.671	34.796	4.472		24.948	1520	
175	18.411	34.790	4.464		25.009	1519	
200	17.984	34.782	4.886		25.109	1518	
250	17.746	34.782	4.804		25.167	1518	
300	17.241	34.783	4.170		25.290	1518	
400	15.044	34.638	4.050		25.683	1513	
500	12.191	34.433	3.844		26.112	1505	
507	11.928	34.414	3.892		26.147	1504	

Station: :E-13
Latitude:35-00.35N Longitude:148-59.60E Depth:6075m
Date:1999/06/03 Time:09:35

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	21.436	34.610	4.613		24.077	1524	
5	21.445	34.612	4.559		24.076	1525	
10	21.446	34.611	4.533		24.076	1525	
20	21.450	34.615	4.537		24.078	1525	
30	21.209	34.695	4.525		24.205	1524	
40	20.640	34.677	4.354		24.345	1523	
50	20.080	34.654	4.227		24.477	1522	
60	19.540	34.701	4.019		24.654	1520	
70	18.771	34.697	4.019		24.847	1518	
75	18.451	34.667	4.329		24.905	1517	
80	18.240	34.663	4.553		24.954	1517	
90	17.958	34.661	4.531		25.022	1516	
100	17.539	34.643	4.416		25.111	1515	
125	17.015	34.666	4.107		25.254	1514	
150	16.482	34.697	4.491		25.403	1513	
175	15.912	34.669	4.633		25.513	1512	
200	15.222	34.639	4.343		25.644	1510	
250	14.152	34.547	4.600		25.804	1507	
300	12.702	34.465	3.937		26.038	1503	
400	9.761	34.194	4.266		26.363	1494	
500	7.905	34.196	3.101		26.656	1489	
600	5.556	34.078	2.583		26.879	1481	
700	4.983	34.155	1.864		27.007	1481	
750	4.654	34.181	1.601		27.065	1480	
800	4.375	34.209	1.362		27.117	1480	
900	3.861	34.266	1.005		27.217	1479	
1000	3.593	34.316	0.866		27.283	1480	
1003	3.590	34.316	0.868		27.283	1480	

Station: :E-14
Latitude:34-3008N Longitude:148-59.97E Depth:6084m
Date:1999/06/03 Time:15:40

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
11	19.550	34.425	4.939		24.440	1519	
20	19.515	34.435	4.881		24.457	1519	
30	19.107	34.479	4.946		24.596	1518	
40	17.328	34.644	5.283		25.163	1514	
50	16.699	34.663	5.106		25.326	1512	
60	16.251	34.659	4.887		25.428	1511	
70	15.919	34.656	4.892		25.501	1510	
75	15.755	34.650	4.878		25.534	1509	
80	15.626	34.643	4.880		25.557	1509	
90	15.429	34.631	4.894		25.592	1509	
100	15.189	34.617	4.857		25.635	1508	
125	14.495	34.571	4.748		25.750	1506	
150	14.030	34.534	4.651		25.820	1505	
175	13.546	34.499	4.533		25.894	1504	
200	13.072	34.465	4.472		25.964	1503	
250	11.601	34.349	4.346		26.158	1498	
300	10.555	34.256	4.352		26.275	1495	
400	8.234	34.100	3.961		26.532	1488	
500	6.061	34.008	3.291		26.761	1481	
506	6.154	34.042	3.099		26.776	1482	

Station: :E-15
Latitude:33-59.99N Longitude:149-00.14E Depth:6136m
Date:1999/06/03 Time:18:25

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	20.693	34.412	4.727		24.129	1522	
5	20.720	34.502	4.678		24.190	1522	
10	20.725	34.538	4.687		24.216	1523	
20	20.715	34.619	4.674		24.281	1523	
30	20.686	34.628	4.700		24.295	1523	
40	20.651	34.646	4.681		24.318	1523	
50	20.622	34.663	4.719		24.339	1523	
60	20.292	34.747	4.710		24.491	1523	
70	19.943	34.753	4.709		24.588	1522	
75	19.781	34.770	4.725		24.643	1521	
80	19.706	34.776	4.692		24.668	1521	
90	19.491	34.794	4.727		24.737	1521	
100	19.280	34.774	4.653		24.777	1520	
125	19.064	34.786	4.606		24.841	1520	
150	18.970	34.799	4.601		24.875	1520	
175	18.853	34.802	4.565		24.907	1520	
200	18.655	34.797	4.473		24.953	1520	
250	18.002	34.795	4.316		25.114	1519	
300	17.134	34.778	4.143		25.311	1517	
400	15.153	34.644	4.065		25.664	1513	
500	12.372	34.430	4.052		26.075	1505	
503	12.239	34.417	4.067		26.091	1505	

Station: :E-16
Latitude:33-29.93N Longitude:149-00.25E Depth:6198m
Date:1999/06/03 Time:22:38

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	21.243	34.523	4.729		24.064	1524	
5	21.238	34.527	4.704		24.069	1524	
10	21.231	34.531	4.669		24.073	1524	
20	21.216	34.538	4.643		24.083	1524	
30	21.029	34.607	4.690		24.186	1524	
40	20.097	34.728	4.799		24.528	1522	
50	19.430	34.722	4.880		24.698	1520	
60	19.138	34.734	4.886		24.782	1519	
70	18.879	34.762	4.884		24.870	1519	
75	18.755	34.772	4.893		24.909	1518	
80	18.652	34.773	4.802		24.936	1518	
90	18.589	34.781	4.675		24.958	1518	
100	18.459	34.786	4.684		24.994	1518	
125	18.358	34.786	4.702		25.019	1518	
150	18.302	34.785	4.718		25.032	1518	
175	18.244	34.785	4.719		25.047	1519	
200	18.087	34.787	4.521		25.087	1519	
250	17.594	34.779	4.476		25.202	1518	
300	16.884	34.767	4.210		25.363	1517	
400	15.679	34.677	4.997		25.572	1515	
500	13.996	34.559	4.015		25.847	1511	
507	13.799	34.546	.990e-29		25.878	1510	

Station: :E-17
Latitude:32-56.64N Longitude:148-58.76E Depth:????m
Date:1999/06/04 Time:02:57

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	21.667	34.582	4.629		23.993	1525	
5	21.668	34.582	4.604		23.993	1525	
10	21.667	34.582	4.601		23.993	1525	
20	21.083	34.640	4.649		24.197	1524	
30	20.371	34.690	4.771		24.427	1522	
40	19.636	34.734	4.850		24.654	1520	
50	19.565	34.735	4.847		24.673	1520	
60	19.384	34.751	4.873		24.732	1520	
70	19.202	34.746	4.886		24.775	1520	
75	19.100	34.752	4.896		24.806	1519	
80	18.988	34.756	4.863		24.837	1519	
90	18.842	34.758	4.783		24.876	1519	
100	18.784	34.761	4.787		24.893	1519	
125	18.585	34.778	4.739		24.956	1519	
150	18.457	34.786	4.716		24.994	1519	
175	18.392	34.787	4.732		25.011	1519	
200	18.325	34.785	4.696		25.027	1519	
250	18.089	34.785	4.582		25.085	1519	
300	17.437	34.787	4.181		25.246	1518	
400	15.771	34.691	4.098		25.562	1515	
500	13.744	34.534	4.195		25.880	1510	
600	11.276	34.366	3.809		26.232	1503	
700	7.988	34.104	3.846		26.572	1492	
750	6.981	34.082	3.382		26.698	1489	
800	6.320	34.089	2.962		26.792	1488	
900	5.321	34.148	2.114		26.962	1485	
1000	4.597	34.222	1.519		27.103	1484	
1010	4.522	34.227	1.459		27.116	1484	

Station: :G-1D
Latitude:32-00.21N Longitude:146-00.12E Depth:6054m
Date:1999/06/04 Time:18:08

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	22.276	34.298	4.665		23.606	1526	
5	22.234	34.325	4.641		23.639	1526	
10	21.797	34.533	4.692		23.919	1525	
20	20.534	34.684	4.862		24.379	1522	
30	20.178	34.724	4.903		24.504	1522	
40	19.550	34.807	4.920		24.732	1520	
50	19.316	34.798	4.909		24.786	1520	
60	19.191	34.793	4.825		24.814	1519	
70	19.094	34.790	4.719		24.837	1519	
75	19.086	34.789	4.726		24.838	1519	
80	19.068	34.789	4.734		24.842	1519	
90	19.046	34.788	4.722		24.847	1520	
100	19.033	34.788	4.707		24.850	1520	
125	19.002	34.785	4.722		24.856	1520	
150	18.986	34.786	4.757		24.861	1520	
175	18.975	34.787	4.739		24.865	1521	
200	18.954	34.793	4.707		24.875	1521	
250	18.306	34.793	4.511		25.037	1520	
300	17.559	34.785	4.875		25.215	1519	
400	16.493	34.741	4.150		25.435	1517	
500	13.505	34.528	4.027		25.925	1509	
600	10.160	34.300	3.688		26.378	1499	
700	7.600	34.229	2.866		26.727	1491	
750	7.053	34.259	2.511		26.828	1490	
800	6.631	34.265	2.330		26.890	1489	
900	5.531	34.206	2.078		26.983	1486	
1000	4.637	34.249	1.546		27.120	1484	
1004	4.616	34.249	1.528		27.123	1484	

Station: :G-2D
Latitude:32-10.20N Longitude:146-00.00E Depth:6054m
Date:1999/06/05 Time:00:46

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	22.556	33.973	4.574		23.281	1527	
5	22.556	33.972	4.554		23.281	1527	
10	22.555	33.970	4.542		23.279	1527	
20	21.707	34.580	4.674		23.980	1525	
30	21.149	34.635	4.710		24.176	1524	
40	20.691	34.686	4.773		24.338	1523	
50	20.420	34.717	4.772		24.434	1523	
60	19.782	34.773	4.727		24.646	1521	
70	19.565	34.788	4.745		24.713	1521	
75	19.533	34.792	4.760		24.725	1521	
80	19.460	34.798	4.772		24.748	1521	
90	19.295	34.794	4.652		24.788	1520	
100	19.198	34.793	4.574		24.812	1520	
125	19.041	34.792	4.679		24.852	1520	
150	18.939	34.801	4.596		24.884	1520	
175	18.715	34.795	4.531		24.936	1520	
200	18.449	34.791	4.521		25.000	1520	
250	17.946	34.793	4.457		25.126	1519	
300	17.524	34.785	4.717		25.224	1519	
400	15.886	34.697	4.169		25.540	1515	
500	13.670	34.529	4.011		25.891	1510	
504	13.582	34.525	3.949		25.906	1509	

Station: :G-3D
Latitude:32-40.00N Longitude:146-00.00E Depth:5853m
Date:1999/06/05 Time:03:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	22.686	34.149	4.529		23.378	1527	
5	22.687	34.146	4.489		23.375	1527	
10	22.571	34.518	4.536		23.691	1527	
20	21.664	34.712	4.666		24.092	1526	
30	21.091	34.798	4.672		24.315	1524	
40	20.609	34.745	4.716		24.405	1523	
50	20.228	34.731	4.801		24.496	1522	
60	20.112	34.730	4.797		24.526	1522	
70	19.658	34.771	4.803		24.676	1521	
75	19.605	34.778	4.787		24.696	1521	
80	19.584	34.782	4.762		24.704	1521	
90	19.483	34.786	4.733		24.733	1521	
100	19.362	34.792	4.663		24.769	1521	
125	19.113	34.801	4.588		24.840	1520	
150	18.842	34.800	4.614		24.908	1520	
175	18.608	34.806	4.457		24.972	1520	
200	18.348	34.789	4.586		25.024	1519	
250	18.008	34.813	4.279		25.126	1519	
300	17.358	34.785	4.149		25.263	1518	
400	15.336	34.658	4.021		25.634	1513	
500	12.544	34.456	3.888		26.062	1506	
500	12.537	34.452	3.902		26.059	1506	
502	12.504	34.450	3.901		26.064	1506	

Station: :G-4D
Latitude:33-00.00N Longitude:146-00.00E Depth:5800m
Date:1999/06/05 Time:05:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	22.417	33.982	4.532		23.327	1526	
5	22.416	33.986	4.483		23.331	1526	
10	22.205	34.312	4.533		23.638	1526	
20	21.856	34.640	4.578		23.984	1526	
30	21.235	34.697	4.658		24.199	1525	
40	20.557	34.735	4.603		24.411	1523	
50	20.006	34.740	4.284		24.562	1522	
60	19.721	34.759	4.500		24.651	1521	
70	19.447	34.781	4.422		24.739	1520	
75	19.411	34.800	4.546		24.763	1520	
80	19.347	34.804	4.470		24.782	1520	
90	19.259	34.799	4.604		24.801	1520	
100	19.148	34.797	4.634		24.828	1520	
125	19.004	34.793	4.660		24.862	1520	
150	18.898	34.798	4.621		24.892	1520	
175	18.448	34.795	4.451		25.003	1519	
200	18.044	34.793	4.366		25.103	1519	
250	17.531	34.785	4.777		25.222	1518	
300	17.160	34.768	4.312		25.298	1518	
400	14.626	34.601	4.041		25.745	1511	
500	11.784	34.387	3.962		26.154	1503	
502	11.676	34.376	.990e-29		26.165	1503	

Station: :G-5D
Latitude:33-20.00N Longitude:146-00.00E Depth:5800m
Date:1999/06/05 Time:07:20

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	-9.990e-	9.990e-2	.990e-29		9.990e-2	-9.990e	
5	22.495	34.316	4.458		23.559	1527	
10	22.474	34.417	4.461		23.641	1527	
20	22.429	34.528	4.482		23.738	1527	
30	22.409	34.659	4.457		23.844	1528	
40	22.065	34.677	4.482		23.954	1527	
50	21.407	34.735	4.369		24.180	1525	
60	21.201	34.740	4.332		24.241	1525	
70	20.801	34.731	4.527		24.343	1524	
75	20.638	34.734	4.465		24.389	1524	
80	20.417	34.752	4.469		24.462	1523	
90	19.847	34.767	4.542		24.624	1522	
100	19.661	34.771	4.473		24.676	1521	
125	19.174	34.788	4.499		24.814	1521	
150	18.738	34.781	4.457		24.920	1520	
175	18.173	34.776	4.577		25.057	1518	
200	17.738	34.787	4.352		25.173	1518	
250	17.191	34.769	4.281		25.291	1517	
300	15.845	34.689	4.078		25.543	1513	
400	13.683	34.520	4.318		25.882	1508	
500	10.370	34.300	3.853		26.342	1498	
502	10.364	34.297	.990e-29		26.340	1498	

Station: :G-6D
Latitude:33-39.95N Longitude:145-59.86E Depth:5664m
Date:1999/06/05 Time:09:20

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	22.254	34.168	4.547		23.514	1526	
5	22.256	34.170	4.508		23.515	1526	
10	22.257	34.173	4.498		23.517	1526	
20	22.238	34.280	4.464		23.604	1527	
30	21.956	34.490	4.530		23.842	1526	
40	21.136	34.715	4.642		24.240	1524	
50	20.331	34.737	4.709		24.473	1522	
60	19.681	34.740	4.614		24.646	1521	
70	19.475	34.743	4.583		24.702	1520	
75	19.319	34.748	4.520		24.746	1520	
80	19.175	34.743	4.571		24.780	1520	
90	18.917	34.752	4.509		24.853	1519	
100	18.588	34.742	4.555		24.928	1518	
125	18.144	34.755	4.225		25.049	1518	
150	17.862	34.781	4.062		25.138	1517	
175	17.353	34.742	4.482		25.232	1516	
200	16.820	34.730	4.120		25.349	1515	
250	15.656	34.660	3.986		25.564	1512	
300	14.686	34.608	4.077		25.738	1510	
400	12.379	34.453	3.899		26.091	1504	
500	9.569	34.233	3.845		26.425	1495	
505	9.463	34.215	3.866		26.429	1495	

Station: :G-7D
Latitude:34-00.08N Longitude:145-59.87E Depth:4090m
Date:1999/06/05 Time:11:14

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	22.556	34.531	4.514		23.705	1527	
5	22.562	34.532	4.480		23.703	1527	
10	22.574	34.531	4.447		23.699	1528	
20	22.536	34.547	4.474		23.723	1528	
30	21.894	34.612	4.561		23.952	1526	
40	21.273	34.742	4.414		24.223	1525	
50	20.737	34.736	4.428		24.364	1524	
60	20.345	34.757	4.569		24.485	1523	
70	20.039	34.764	4.590		24.571	1522	
75	19.776	34.773	4.529		24.647	1521	
80	19.599	34.787	4.482		24.704	1521	
90	19.454	34.795	4.398		24.748	1521	
100	19.352	34.789	4.455		24.769	1521	
125	18.993	34.790	4.532		24.862	1520	
150	18.544	34.797	4.379		24.981	1519	
175	18.011	34.787	4.404		25.106	1518	
200	17.572	34.790	4.704		25.215	1517	
250	17.092	34.762	4.333		25.309	1516	
300	15.899	34.687	4.173		25.529	1514	
400	13.217	34.505	3.919		25.966	1506	
500	10.200	34.283	3.887		26.358	1497	
506	10.059	34.267	3.911		26.369	1497	

Station: :G-8D
Latitude:34-19.99N Longitude:145-59.78E Depth:5861m
Date:1999/06/05 Time:13:17

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	21.603	34.405	4.676		23.876	1525	
5	21.524	34.413	4.668		23.904	1525	
10	21.543	34.410	4.629		23.896	1525	
20	21.454	34.521	4.658		24.005	1525	
30	21.274	34.534	4.677		24.064	1524	
40	20.843	34.603	4.718		24.234	1524	
50	20.252	34.666	4.809		24.440	1522	
60	19.589	34.752	4.865		24.680	1521	
70	19.253	34.773	4.850		24.783	1520	
75	19.150	34.777	4.698		24.812	1520	
80	19.041	34.770	4.431		24.835	1519	
90	18.756	34.791	4.612		24.923	1519	
100	18.607	34.796	4.531		24.965	1518	
125	18.280	34.792	4.532		25.043	1518	
150	18.073	34.792	4.477		25.094	1518	
175	17.753	34.795	4.294		25.175	1517	
200	17.395	34.786	4.217		25.255	1517	
250	16.520	34.746	4.078		25.432	1515	
300	15.434	34.670	4.050		25.622	1512	
400	13.195	34.506	3.895		25.970	1506	
500	9.980	34.259	3.909		26.377	1497	
506	9.866	34.248	3.884		26.387	1496	

Station: :G-9D
Latitude:34-40.03N Longitude:145-59.92E Depth:5922m
Date:1999/06/05 Time:15:13

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	22.817	34.584	4.456		23.670	1528	
5	22.809	34.583	4.436		23.671	1528	
10	22.802	34.582	4.425		23.673	1528	
20	22.710	34.574	4.431		23.693	1528	
30	22.701	34.598	4.444		23.714	1528	
40	22.694	34.610	4.417		23.725	1528	
50	22.717	34.625	4.415		23.730	1529	
60	21.736	34.733	4.435		24.088	1526	
70	21.263	34.739	4.318		24.223	1525	
75	20.976	34.748	4.293		24.309	1525	
80	20.810	34.748	4.259		24.354	1524	
90	20.596	34.743	4.252		24.407	1524	
100	20.118	34.772	4.231		24.556	1523	
125	19.431	34.786	4.409		24.747	1521	
150	18.938	34.798	4.552		24.883	1520	
175	18.400	34.776	4.375		25.001	1519	
200	18.066	34.772	4.466		25.081	1519	
250	17.353	34.781	4.225		25.261	1517	
300	16.075	34.693	4.047		25.494	1514	
400	13.742	34.529	4.213		25.877	1508	
500	10.546	34.304	3.964		26.314	1499	
507	10.223	34.260	4.137		26.336	1498	

Station: :G-10
Latitude:35-00.27N Longitude:145-60.00E Depth:5915m
Date:1999/06/05 Time:17:07

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	22.955	34.552	4.466		23.607	1528	
5	22.959	34.553	4.457		23.606	1528	
10	22.961	34.553	4.431		23.606	1529	
20	22.868	34.550	4.436		23.630	1528	
30	22.838	34.579	4.410		23.661	1529	
40	22.614	34.635	4.439		23.767	1528	
50	22.066	34.693	4.330		23.966	1527	
60	21.700	34.720	4.338		24.088	1526	
70	21.277	34.709	4.188		24.197	1525	
75	21.114	34.710	4.051		24.242	1525	
80	20.895	34.731	4.007		24.317	1524	
90	20.376	34.763	4.334		24.481	1523	
100	20.058	34.761	4.380		24.564	1523	
125	19.367	34.806	4.571		24.778	1521	
150	19.020	34.805	4.563		24.867	1521	
175	18.821	34.805	4.552		24.917	1520	
200	18.495	34.802	4.404		24.997	1520	
250	17.690	34.797	4.199		25.192	1518	
300	16.478	34.710	3.992		25.414	1515	
400	13.753	34.540	3.967		25.883	1508	
500	11.195	34.410	3.406		26.281	1501	
508	10.902	34.393	3.418		26.320	1500	

Station: :G-11
Latitude:35-20.27N Longitude:145-00.00E Depth:5839m
Date:1999/06/05 Time:19:03

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	22.622	34.538	4.464		23.691	1528	
5	22.623	34.538	4.440		23.691	1528	
10	22.625	34.540	4.400		23.692	1528	
20	22.558	34.533	4.449		23.705	1528	
30	22.460	34.545	4.444		23.743	1528	
40	22.223	34.643	4.489		23.884	1527	
50	21.507	34.699	4.599		24.126	1526	
60	21.065	34.713	4.018		24.257	1525	
70	20.679	34.753	4.063		24.393	1524	
75	20.488	34.759	4.193		24.448	1523	
80	20.208	34.763	3.997		24.526	1523	
90	19.819	34.775	4.480		24.637	1522	
100	19.453	34.747	4.020		24.711	1521	
125	19.018	34.805	4.456		24.867	1520	
150	18.427	34.783	4.116		25.000	1519	
175	18.180	34.792	4.401		25.068	1518	
200	17.782	34.796	4.199		25.169	1518	
250	16.669	34.739	4.165		25.392	1515	
300	15.248	34.650	4.046		25.647	1512	
400	12.119	34.426	3.941		26.120	1503	
500	7.547	33.970	4.811		26.531	1487	
502	7.489	33.956	4.782		26.528	1487	

Station: :G-12
Latitude:35-40.00N Longitude:146-00.00E Depth:5800m
Date:1999/06/05 Time:20:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	22.496	34.521	4.547		23.714	1527	
5	22.383	34.522	4.525		23.747	1527	
10	22.440	34.524	4.491		23.732	1527	
20	21.376	34.520	4.674		24.026	1525	
30	20.972	34.553	4.739		24.161	1524	
40	20.540	34.559	4.780		24.282	1523	
50	20.217	34.579	4.564		24.383	1522	
60	20.028	34.600	4.663		24.449	1522	
70	19.674	34.645	4.133		24.576	1521	
75	19.615	34.694	4.016		24.629	1521	
80	19.375	34.703	3.996		24.698	1520	
90	18.777	34.629	4.082		24.794	1519	
100	18.286	34.673	3.980		24.951	1517	
125	16.970	34.638	4.251		25.243	1514	
150	16.264	34.675	4.554		25.437	1512	
175	15.438	34.639	4.507		25.597	1510	
200	14.803	34.609	3.860		25.713	1508	
250	13.865	34.553	3.915		25.870	1506	
300	12.604	34.459	3.943		26.052	1503	
400	9.444	34.176	4.286		26.401	1493	
500	7.360	34.078	3.682		26.642	1487	
500	7.480	34.119	3.514		26.657	1487	
504	7.765	34.184	3.283		26.668	1488	

Station: :H-8D
Latitude:37-00.04N Longitude:142-10.03E Depth:2022m
Date:1999/06/06 Time:00:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	23.010	34.661	4.459		23.673	1529	
5	22.976	34.658	4.436		23.681	1529	
10	22.567	34.650	4.498		23.792	1528	
20	21.572	34.615	4.588		24.044	1525	
30	21.214	34.626	4.571		24.151	1524	
40	20.887	34.630	4.381		24.243	1524	
50	20.430	34.664	4.170		24.391	1523	
60	20.225	34.666	4.139		24.447	1522	
70	20.159	34.771	4.050		24.545	1522	
75	19.832	34.760	4.046		24.623	1521	
80	19.646	34.746	4.028		24.661	1521	
90	19.204	34.697	4.042		24.737	1520	
100	18.886	34.741	4.005		24.852	1519	
125	17.670	34.735	3.940		25.149	1516	
150	16.353	34.631	3.937		25.383	1512	
175	15.478	34.617	3.898		25.571	1510	
200	14.860	34.615	3.881		25.706	1509	
250	14.003	34.567	3.841		25.852	1507	
300	11.900	34.435	3.612		26.169	1500	
303	11.813	34.450	3.418		26.197	1500	

Station: :G-13
Latitude:36-00.08N Longitude:145-59.97E Depth:5657m
Date:1999/06/06 Time:00:43

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	21.465	34.528	4.780		24.007	1524	
5	21.191	34.542	4.698		24.093	1524	
10	21.124	34.530	4.741		24.102	1524	
20	20.242	34.582	4.833		24.379	1522	
30	18.880	34.669	5.008		24.798	1518	
40	17.729	34.678	4.953		25.091	1515	
50	16.976	34.633	4.305		25.238	1513	
60	16.577	34.632	4.098		25.331	1512	
70	16.282	34.628	3.911		25.397	1511	
75	16.112	34.614	3.890		25.425	1510	
80	15.998	34.616	3.884		25.453	1510	
90	15.793	34.609	3.861		25.493	1510	
100	15.573	34.625	3.849		25.556	1509	
125	15.042	34.623	3.909		25.672	1508	
150	14.665	34.607	4.054		25.742	1507	
175	13.875	34.530	4.588		25.850	1505	
200	13.059	34.456	4.484		25.960	1503	
250	11.816	34.379	4.017		26.141	1499	
300	10.389	34.289	3.895		26.329	1495	
400	8.553	34.291	2.931		26.633	1490	
500	6.235	34.157	2.604		26.857	1482	
500	6.205	34.136	.990e-29		26.844	1482	
501	6.178	34.142	2.609		26.852	1482	

Station: :G-14
Latitude:36-20.52N Longitude:146-00.39E Depth:5520m
Date:1999/06/06 Time:03:07

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	21.714	34.624	4.643		24.011	1525	
5	21.671	34.649	4.591		24.042	1525	
10	21.316	34.666	4.592		24.154	1524	
20	20.359	34.679	4.777		24.422	1522	
30	19.475	34.688	4.865		24.661	1520	
40	18.314	34.724	4.711		24.983	1517	
50	17.506	34.710	4.185		25.170	1514	
60	16.999	34.699	3.909		25.283	1513	
70	16.400	34.660	3.898		25.394	1511	
75	16.141	34.650	3.863		25.446	1511	
80	15.960	34.641	3.900		25.480	1510	
90	15.317	34.603	3.796		25.596	1508	
100	14.861	34.588	3.813		25.685	1507	
125	13.842	34.554	3.761		25.875	1504	
150	9.493	33.851	5.740		26.139	1489	
175	6.877	33.579	6.689		26.316	1479	
200	6.511	33.653	6.537		26.423	1478	
250	6.555	33.771	5.808		26.510	1479	
300	3.116	33.398	6.895		26.596	1465	
400	5.442	33.924	3.487		26.770	1477	
500	4.396	33.973	2.284		26.928	1475	
502	4.398	33.973	.990e-29		26.927	1475	

Station: :G-15
Latitude:36-40.29N Longitude:145-59.97E Depth:5450m
Date:1999/06/06 Time:05:07

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	17.515	34.215	5.842		24.789	1513	
5	17.464	34.249	5.781		24.827	1513	
10	17.016	34.235	5.835		24.923	1512	
20	13.752	33.866	6.368		25.362	1501	
30	11.609	33.998	5.861		25.884	1494	
40	9.907	33.859	6.069		26.076	1488	
50	10.072	34.001	5.450		26.160	1489	
60	10.034	34.055	5.340		26.208	1489	
70	9.588	34.045	5.323		26.275	1488	
75	9.566	34.080	5.375		26.306	1488	
80	8.909	33.993	5.562		26.343	1485	
90	8.044	33.875	5.612		26.383	1482	
100	7.674	33.841	5.790		26.411	1481	
125	7.550	33.874	5.503		26.455	1481	
150	6.863	33.799	5.728		26.491	1479	
175	6.871	33.839	5.305		26.522	1479	
200	6.069	33.754	5.554		26.559	1476	
250	4.726	33.626	5.821		26.616	1471	
300	3.957	33.590	5.146		26.669	1469	
400	5.679	34.110	2.402		26.889	1478	
500	4.430	34.080	1.707		27.009	1475	
507	4.433	34.094	1.663		27.020	1475	

Station: :G-16
Latitude:37-00.09N Longitude:145-59.81E Depth:5461m
Date:1999/06/06 Time:07:02

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	19.123	34.482	5.233		24.594	1518	
5	19.040	34.483	5.192		24.616	1518	
10	19.098	34.480	5.196		24.599	1518	
20	18.223	34.495	5.183		24.830	1516	
30	16.813	34.424	5.049		25.116	1512	
40	16.190	34.586	4.249		25.386	1510	
50	15.853	34.604	4.025		25.476	1509	
60	15.547	34.615	4.183		25.553	1508	
70	15.172	34.615	4.334		25.637	1507	
75	14.956	34.609	4.334		25.680	1507	
80	14.829	34.601	4.318		25.701	1507	
90	14.477	34.582	4.251		25.763	1506	
100	13.995	34.558	3.962		25.846	1504	
125	12.489	34.482	3.598		26.092	1499	
150	11.381	34.409	3.511		26.246	1496	
175	10.668	34.352	3.517		26.330	1494	
200	10.090	34.350	3.234		26.428	1492	
250	8.661	34.251	3.193		26.585	1488	
300	6.278	33.968	3.777		26.702	1479	
400	5.074	34.022	2.547		26.891	1476	
500	4.381	34.078	1.699		27.012	1475	
507	4.633	34.143	1.675		27.037	1476	

Station: :H-1D
Latitude:37-00.08N Longitude:145-29.87E Depth:5395m
Date:1999/06/06 Time:09:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	19.428	34.417	5.194		24.466	1519	
5	19.355	34.419	5.143		24.486	1519	
10	19.105	34.405	5.161		24.539	1518	
20	17.629	34.356	5.409		24.869	1514	
30	16.005	34.276	5.250		25.189	1509	
40	15.693	34.620	4.411		25.525	1509	
50	15.045	34.609	4.179		25.660	1507	
60	14.281	34.580	4.032		25.803	1504	
70	13.893	34.557	3.900		25.867	1503	
75	13.731	34.549	3.856		25.894	1503	
80	13.418	34.536	3.784		25.948	1502	
90	13.064	34.516	3.707		26.005	1501	
100	12.587	34.482	3.663		26.073	1499	
125	11.536	34.422	3.524		26.227	1496	
150	10.662	34.371	3.437		26.346	1493	
175	9.524	34.230	3.865		26.430	1490	
200	7.813	34.069	4.200		26.570	1483	
250	8.195	34.277	2.860		26.677	1486	
300	7.605	34.253	2.729		26.745	1484	
400	6.376	34.244	2.270		26.907	1481	
500	4.277	34.080	1.630		27.025	1474	
503	4.210	34.073	1.572		27.027	1474	

Station: :H-2D
Latitude:37-00.08N Longitude:145-00.00E Depth:5022m
Date:1999/06/06 Time:11:15

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	21.107	34.593	4.935		24.154	1524	
5	20.985	34.596	4.848		24.190	1523	
10	20.965	34.596	4.826		24.196	1523	
20	20.176	34.591	4.921		24.403	1521	
30	19.059	34.584	4.985		24.688	1518	
40	18.523	34.581	4.660		24.821	1517	
50	17.909	34.584	4.429		24.976	1515	
60	17.300	34.590	4.308		25.128	1514	
70	16.238	34.580	4.197		25.370	1511	
75	16.106	34.598	4.348		25.414	1510	
80	15.896	34.627	4.498		25.484	1510	
90	15.411	34.624	4.593		25.591	1509	
100	15.047	34.603	4.507		25.655	1508	
125	14.539	34.572	4.119		25.742	1506	
150	13.709	34.538	3.883		25.890	1504	
175	12.450	34.432	3.880		26.061	1500	
200	11.730	34.403	3.898		26.176	1498	
250	10.287	34.343	3.451		26.390	1494	
300	8.127	34.090	4.153		26.540	1486	
400	3.206	33.538	4.914		26.700	1467	
500	3.420	33.752	2.997		26.850	1470	
510	3.481	33.770	.990e-29		26.858	1471	

Station: :H-3D
Latitude:37-00.00N Longitude:144-30.00E Depth:5450m
Date:1999/06/06 Time:13:45

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
4	21.521	34.731	4.727		24.147	1525	
5	21.517	34.734	4.691		24.150	1525	
10	21.403	34.731	4.704		24.179	1525	
20	20.924	34.724	4.732		24.304	1524	
30	20.749	34.720	4.748		24.348	1523	
40	20.675	34.726	4.741		24.373	1523	
50	20.593	34.731	4.741		24.398	1523	
60	20.568	34.733	4.706		24.407	1523	
70	20.457	34.742	4.711		24.443	1523	
75	20.293	34.748	4.675		24.492	1523	
80	20.171	34.749	4.650		24.525	1523	
90	19.697	34.767	4.590		24.663	1521	
100	19.526	34.763	4.558		24.705	1521	
125	18.316	34.687	4.591		24.954	1518	
150	17.670	34.696	4.256		25.119	1516	
175	17.552	34.786	4.648		25.218	1517	
200	16.956	34.746	4.354		25.329	1515	
250	15.638	34.666	4.105		25.572	1512	
300	13.681	34.525	4.315		25.886	1506	
400	10.286	34.261	4.280		26.326	1496	
500	8.259	34.248	3.069		26.644	1490	
504	8.265	34.252	3.021		26.647	1490	

Station: :H-9D
Latitude:37-00.26N Longitude:141-50.05E Depth: 833m
Date:1999/06/07 Time:01:54

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	21.538	34.573	4.923		24.022	1525	
5	21.507	34.575	4.873		24.031	1525	
10	21.454	34.575	4.905		24.046	1525	
20	20.227	34.601	5.027		24.397	1521	
30	19.419	34.651	4.302		24.647	1519	
40	18.771	34.623	4.153		24.791	1518	
50	18.234	34.625	4.069		24.927	1516	
60	17.968	34.618	4.045		24.987	1516	
70	17.290	34.636	3.967		25.166	1514	
75	17.202	34.632	3.956		25.183	1514	
80	17.092	34.632	3.960		25.210	1514	
90	16.670	34.603	4.238		25.287	1512	
100	15.848	34.561	4.306		25.444	1510	
125	15.009	34.588	4.196		25.652	1508	
150	14.130	34.561	3.972		25.820	1505	
175	13.190	34.517	3.766		25.980	1503	
200	12.477	34.484	3.608		26.096	1501	
250	10.757	34.403	3.255		26.354	1495	
300	9.409	34.345	3.000		26.539	1491	
302	9.388	34.343	.990e-29		26.541	1491	

Station: :H-5D
Latitude:37-00.02N Longitude:143-30.07E Depth:7508m
Date:1999/06/06 Time:18:53

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	22.298	34.728	4.641		23.927	1527	
5	22.098	34.726	4.606		23.982	1526	
10	21.660	34.720	4.630		24.100	1525	
20	21.395	34.718	4.651		24.171	1525	
30	21.214	34.715	4.656		24.218	1524	
40	21.098	34.707	4.654		24.244	1524	
50	21.065	34.709	4.660		24.254	1524	
60	21.049	34.711	4.635		24.260	1525	
70	21.001	34.717	4.640		24.278	1525	
75	20.936	34.729	4.607		24.305	1524	
80	20.718	34.749	4.547		24.379	1524	
90	20.043	34.787	4.509		24.588	1522	
100	19.822	34.791	4.551		24.649	1522	
125	19.529	34.774	4.553		24.712	1521	
150	19.337	34.800	4.483		24.781	1521	
175	19.031	34.800	4.433		24.860	1521	
200	18.742	34.811	4.222		24.941	1521	
250	17.591	34.786	4.631		25.208	1518	
300	16.616	34.729	4.005		25.396	1516	
400	14.219	34.574	4.069		25.811	1510	
500	12.069	34.432	3.698		26.135	1504	
502	12.044	34.431	.990e-29		26.139	1504	

Station: :H-10
Latitude:36-59.69N Longitude:141-30.05E Depth: 317m
Date:1999/06/07 Time:03:50

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
5	20.618	34.542	5.053		24.248	1522	
10	20.005	34.562	5.267		24.426	1521	
20	19.091	34.583	4.394		24.679	1518	
30	18.024	34.579	4.583		24.944	1515	
40	17.416	34.599	4.220		25.107	1514	
50	16.700	34.627	3.907		25.299	1512	
60	15.962	34.623	3.845		25.466	1510	
70	15.421	34.605	3.833		25.574	1508	
75	15.033	34.596	3.867		25.653	1507	
80	14.765	34.576	3.890		25.696	1506	
90	14.247	34.553	3.881		25.789	1505	
100	13.732	34.539	3.748		25.886	1503	
125	13.031	34.506	3.620		26.004	1501	
150	12.214	34.470	3.493		26.136	1499	
175	11.345	34.418	3.432		26.259	1496	
200	10.310	34.313	3.688		26.362	1493	
250	9.204	34.293	3.238		26.531	1490	
287	8.165	34.207	.990e-29		26.626	1486	

Station: :H-7D
Latitude:37-00.30N Longitude:142-30.19E Depth:2886m
Date:1999/06/06 Time:22:13

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	21.695	34.743	4.681		24.107	1525	
5	21.584	34.742	4.624		24.137	1525	
10	21.556	34.740	4.650		24.144	1525	
20	21.023	34.740	4.681		24.290	1524	
30	20.954	34.739	4.672		24.307	1524	
40	20.893	34.741	4.637		24.326	1524	
50	20.328	34.765	4.639		24.495	1522	
60	-9.990e-	9.990e-2	.990e-29		9.990e-2	-9.990e	
70	19.739	34.787	4.508		24.667	1521	
75	19.603	34.789	4.487		24.705	1521	
80	19.522	34.787	4.522		24.724	1521	
90	19.385	34.786	4.549		24.759	1521	
100	19.270	34.795	4.485		24.795	1520	
125	18.944	34.801	4.476		24.883	1520	
150	18.507	34.794	4.423		24.988	1519	
175	18.030	34.793	4.377		25.106	1518	
200	17.468	34.766	4.421		25.222	1517	
250	15.845	34.669	4.361		25.528	1513	
300	14.682	34.594	4.426		25.728	1510	
306	14.354	34.569	4.571		25.779	1509	

Station: :I-1D
Latitude:36-30.25N Longitude:142-30.14E Depth:4242m
Date:1999/06/07 Time:08:17

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	22.273	34.707	4.619		23.919	1527	
5	22.285	34.709	4.551		23.916	1527	
10	22.012	34.725	4.552		24.005	1526	
20	21.545	34.702	4.592		24.118	1525	
30	21.128	34.691	4.658		24.223	1524	
40	20.863	34.681	4.685		24.288	1524	
50	20.610	34.697	4.716		24.368	1523	
60	20.067	34.713	4.656		24.525	1522	
70	19.762	34.750	4.578		24.633	1521	
75	19.639	34.766	4.561		24.678	1521	
80	19.388	34.734	4.434		24.718	1520	
90	19.278	34.770	4.752		24.774	1520	
100	18.984	34.794	4.651		24.868	1520	
125	18.546	34.788	4.654		24.974	1519	
150	18.129	34.776	4.506		25.069	1518	
175	17.772	34.786	4.373		25.164	1517	
200	17.457	34.779	4.426		25.235	1517	
250	16.465	34.739	4.145		25.439	1515	
300	15.425	34.654	4.491		25.611	1512	
400	12.830	34.471	3.958		26.017	1505	
500	9.527	34.262	3.681		26.454	1495	
504	9.583	34.300	.990e-29		26.475	1495	

Station: :I-2D
Latitude:36-30.49N Longitude:142-09.93E Depth:3110m
Date:1999/06/07 Time:10:43

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	22.772	34.623	4.565		23.713	1528	
5	22.710	34.632	4.470		23.737	1528	
10	21.791	34.678	4.621		24.031	1526	
20	20.975	34.695	4.670		24.268	1524	
30	20.785	34.696	4.686		24.320	1523	
40	20.431	34.716	4.732		24.430	1523	
50	19.551	34.749	4.828		24.688	1520	
60	19.002	34.770	4.864		24.844	1519	
70	18.865	34.793	4.587		24.897	1519	
75	18.674	34.790	4.511		24.943	1518	
80	18.607	34.795	4.542		24.964	1518	
90	18.402	34.791	4.583		25.012	1518	
100	18.250	34.790	4.505		25.049	1517	
125	17.573	34.750	4.513		25.185	1516	
150	16.535	34.715	4.158		25.405	1513	
175	15.820	34.675	4.216		25.539	1511	
200	15.219	34.636	4.408		25.643	1510	
250	13.697	34.532	4.189		25.888	1506	
300	11.684	34.423	3.621		26.200	1500	
400	10.676	34.370	3.454		26.342	1498	
500	7.912	34.229	3.029		26.681	1489	
503	7.929	34.235	.990e-29		26.683	1489	

Station: :I-5D
Latitude:36-30.07N Longitude:141-09.89 DEPTH:650M
Date:1999/06/07 Time:17:40

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	19.899	34.506	5.054		24.412	1520	
5	19.893	34.507	5.043		24.414	1520	
10	19.853	34.511	5.025		24.427	1520	
20	18.492	34.608	4.336		24.849	1517	
30	18.281	34.604	4.265		24.899	1516	
40	17.524	34.628	4.145		25.103	1514	
50	17.068	34.584	4.376		25.179	1513	
60	16.769	34.558	4.463		25.229	1512	
70	16.561	34.549	4.511		25.271	1512	
75	16.569	34.556	4.429		25.274	1512	
80	16.405	34.592	4.149		25.340	1511	
90	15.429	34.604	3.994		25.572	1509	
100	14.851	34.584	4.016		25.684	1507	
125	13.386	34.525	3.732		25.946	1502	
150	12.556	34.483	3.521		26.080	1500	
175	12.239	34.464	3.500		26.127	1499	
200	11.278	34.389	3.597		26.249	1496	
250	10.447	34.368	3.336		26.382	1494	
300	8.616	34.292	2.982		26.624	1488	
400	6.568	34.211	2.512		26.855	1482	
500	5.369	34.204	1.984		27.001	1479	
503	5.368	34.203	1.978		27.000	1479	

Station: :I-3D
Latitude:36-30.08N Longitude:141-49.86E Depth:2208m
Date:1999/06/07 Time:13:12

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	21.201	34.528	4.911		24.079	1524	
5	21.308	34.517	4.869		24.042	1524	
10	20.733	34.555	4.980		24.227	1523	
20	19.831	34.568	4.599		24.476	1520	
30	19.227	34.586	4.231		24.647	1519	
40	18.860	34.584	4.140		24.739	1518	
50	18.240	34.599	4.027		24.905	1516	
60	18.071	34.609	4.026		24.954	1516	
70	17.552	34.606	3.978		25.079	1515	
75	17.345	34.622	3.953		25.141	1514	
80	17.164	34.610	3.996		25.176	1514	
90	16.280	34.625	3.858		25.394	1511	
100	15.895	34.593	4.007		25.458	1510	
125	14.926	34.566	3.977		25.653	1508	
150	14.112	34.556	3.769		25.820	1505	
175	13.087	34.515	3.622		26.000	1502	
200	12.497	34.480	3.558		26.089	1501	
250	10.936	34.416	3.302		26.332	1496	
300	9.083	34.352	2.910		26.597	1490	
400	7.195	34.276	2.503		26.821	1485	
500	5.725	34.215	2.157		26.966	1480	
507	5.559	34.197	.990e-29		26.972	1480	

Station: :I-6D
Latitude:36-29.96N Longitude:141-30.04 DEPTH:1270M
Date:1999/06/07 Time:19:55

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	20.152	34.460	5.023		24.310	1521	
5	20.154	34.460	4.979		24.309	1521	
10	20.016	34.481	5.015		24.362	1521	
20	18.991	34.533	4.692		24.666	1518	
30	18.245	34.627	4.057		24.926	1516	
40	17.156	34.567	4.164		25.144	1513	
50	16.881	34.559	4.151		25.204	1512	
60	16.282	34.594	3.985		25.370	1511	
70	16.240	34.587	3.986		25.375	1511	
75	16.097	34.593	3.943		25.412	1510	
80	15.601	34.626	3.840		25.550	1509	
90	15.259	34.623	3.853		25.624	1508	
100	14.926	34.602	3.822		25.681	1507	
125	14.217	34.555	3.772		25.797	1505	
150	13.411	34.521	3.640		25.939	1503	
175	12.246	34.482	3.462		26.140	1499	
200	11.391	34.436	3.327		26.265	1497	
250	9.385	34.331	3.083		26.532	1490	
300	7.942	34.261	2.858		26.702	1486	
400	5.177	34.055	2.538		26.906	1476	
500	4.878	34.162	1.838		27.025	1477	
502	4.918	34.173	.990e-29		27.029	1477	

Station: :I-4D
Latitude:36-29.83N Longitude:141-30.10E Depth:1283m
Date:1999/06/07 Time:15:24

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	-9.990e-	9.990e-2	.990e-29		9.990e-2	-9.990e	
5	20.183	34.483	5.059		24.319	1521	
10	19.521	34.507	5.151		24.510	1519	
20	19.149	34.524	4.919		24.619	1518	
30	18.334	34.577	4.510		24.866	1516	
40	17.897	34.592	4.332		24.985	1515	
50	17.028	34.558	4.202		25.168	1513	
60	16.655	34.575	4.094		25.269	1512	
70	16.277	34.599	3.952		25.375	1511	
75	16.012	34.592	3.957		25.431	1510	
80	15.895	34.588	3.957		25.454	1510	
90	15.255	34.582	3.865		25.593	1508	
100	14.791	34.571	3.796		25.686	1507	
125	13.580	34.530	3.650		25.911	1503	
150	12.906	34.503	3.539		26.027	1501	
175	11.984	34.460	3.398		26.173	1499	
200	11.388	34.433	3.315		26.263	1497	
250	9.363	34.329	3.098		26.534	1490	
300	8.418	34.273	2.971		26.640	1488	
400	6.096	34.129	2.685		26.852	1480	
500	5.121	34.212	1.848		27.036	1478	
506	5.310	34.267	1.854		27.058	1479	

Station: :I-7D
Latitude:36-29.96N Longitude:141-50.04 DEPTH:2200M
Date:1999/06/07 Time:23:45

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
4	21.234	34.517	5.038		24.062	1524	
5	21.648	34.519	4.631		23.950	1525	
10	21.258	34.524	4.708		24.061	1524	
20	19.001	34.564	4.301		24.688	1518	
30	18.673	34.565	4.180		24.771	1517	
40	18.319	34.558	4.191		24.854	1516	
50	17.756	34.586	4.042		25.014	1515	
60	17.208	34.584	4.122		25.146	1513	
70	16.963	34.574	4.250		25.196	1513	
75	16.909	34.569	4.327		25.205	1513	
80	16.655	34.563	4.440		25.260	1512	
90	16.217	34.566	4.304		25.364	1511	
100	15.901	34.554	4.306		25.427	1510	
125	15.046	34.587	3.933		25.644	1508	
150	14.373	34.564	3.780		25.771	1506	
175	13.291	34.520	3.626		25.962	1503	
200	12.701	34.490	3.548		26.057	1501	
250	11.055	34.416	3.312		26.310	1496	
300	9.658	34.352	3.072		26.503	1492	
400	7.133	34.254	2.553		26.813	1484	
500	5.954	34.271	2.085		26.983	1481	
504	5.896	34.265	.990e-29		26.985	1481	

Station: :I-8D
Latitude:36-30.30N Longitude:142-09.95 DEPTH:3149M
Date:1999/06/08 Time:03:55

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	21.796	34.640	4.574		24.001	1525	
5	21.809	34.642	4.528		23.999	1526	
10	21.810	34.641	4.526		23.998	1526	
20	21.673	34.652	4.563		24.044	1525	
30	20.954	34.689	4.643		24.270	1524	
40	20.741	34.698	4.672		24.334	1523	
50	20.448	34.709	4.719		24.421	1523	
60	19.832	34.699	4.524		24.576	1521	
70	19.238	34.719	4.279		24.745	1520	
75	19.119	34.732	4.282		24.786	1519	
80	18.972	34.742	4.303		24.831	1519	
90	18.142	34.727	4.606		25.028	1517	
100	17.927	34.792	4.290		25.130	1517	
125	17.498	34.786	4.212		25.230	1516	
150	16.528	34.690	4.501		25.387	1513	
175	15.783	34.669	4.169		25.542	1511	
200	14.843	34.613	4.396		25.708	1509	
250	13.625	34.535	3.868		25.906	1505	
300	12.278	34.449	3.706		26.108	1502	
400	9.482	34.319	3.168		26.507	1493	
500	6.985	34.136	3.032		26.740	1485	
506	6.911	34.134	.990e-29		26.749	1485	

Station: :I-9D
Latitude:36-30.28N Longitude:142-30.09E DEPTH:4234M
Date:1999/06/08 Time:05:42

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	21.223	34.653	4.691		24.168	1524	
5	21.222	34.653	4.664		24.169	1524	
10	21.214	34.654	4.637		24.172	1524	
20	20.920	34.712	4.679		24.296	1524	
30	20.839	34.713	4.669		24.319	1523	
40	20.775	34.715	4.661		24.338	1523	
50	20.470	34.757	4.688		24.452	1523	
60	20.086	34.772	4.656		24.565	1522	
70	19.855	34.776	4.670		24.629	1521	
75	19.640	34.753	4.669		24.667	1521	
80	19.500	34.773	4.539		24.719	1521	
90	19.365	34.771	4.498		24.752	1520	
100	19.255	34.786	4.456		24.792	1520	
125	18.544	34.746	4.294		24.942	1519	
150	18.215	34.790	4.497		25.058	1518	
175	17.908	34.796	4.346		25.138	1518	
200	17.097	34.727	4.488		25.282	1516	
250	16.089	34.716	4.095		25.508	1513	
300	14.740	34.599	4.534		25.719	1510	
400	12.347	34.456	3.739		26.099	1503	
500	9.481	34.305	3.277		26.496	1495	
508	9.351	34.303	.990e-29		26.516	1495	

Station: :I-10
Latitude:36-30.00N Longitude:143-00.00E DEPTH:7000M
Date:1999/06/08 Time:07:55

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	21.454	34.669	4.892		24.117	1525	
5	21.446	34.668	4.802		24.119	1525	
10	21.440	34.668	4.789		24.120	1525	
20	21.074	34.718	4.834		24.259	1524	
30	20.875	34.729	4.798		24.321	1524	
40	20.800	34.734	4.816		24.345	1524	
50	20.633	34.739	4.777		24.394	1523	
60	20.166	34.769	4.641		24.541	1522	
70	19.904	34.778	4.540		24.617	1522	
75	19.848	34.781	4.510		24.634	1522	
80	19.766	34.788	4.518		24.661	1521	
90	19.513	34.779	4.434		24.720	1521	
100	19.386	34.795	4.531		24.766	1521	
125	18.848	34.777	4.414		24.889	1520	
150	18.458	34.775	4.359		24.986	1519	
175	17.946	34.783	4.634		25.119	1518	
200	17.738	34.785	4.661		25.172	1518	
250	17.552	34.786	4.870		25.217	1518	
300	17.472	34.782	4.811		25.233	1518	
400	15.194	34.643	4.144		25.654	1513	
500	12.678	34.480	3.756		26.054	1506	
505	12.473	34.460	.990e-29		26.079	1506	

Station: :I-11
Latitude:36-30.07N Longitude:143-30.00 DEPTH:6472M
Date:1999/06/08 Time:10:05

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	21.384	34.707	4.818		24.166	1524	
5	21.387	34.707	4.813		24.165	1525	
10	21.377	34.707	4.794		24.168	1525	
20	21.333	34.706	4.756		24.179	1525	
30	21.311	34.710	4.740		24.188	1525	
40	20.977	34.726	4.743		24.291	1524	
50	20.887	34.724	4.743		24.314	1524	
60	20.783	34.741	4.727		24.355	1524	
70	20.671	34.748	4.712		24.391	1524	
75	20.577	34.754	4.657		24.420	1524	
80	20.308	34.771	4.598		24.505	1523	
90	20.007	34.776	4.542		24.589	1522	
100	19.748	34.791	4.540		24.668	1522	
125	19.424	34.804	4.601		24.763	1521	
150	19.177	34.802	4.531		24.824	1521	
175	18.946	34.808	4.592		24.888	1521	
200	18.502	34.778	4.394		24.977	1520	
250	17.835	34.784	4.835		25.147	1519	
300	17.574	34.799	4.227		25.222	1519	
400	15.963	34.705	4.067		25.529	1515	
500	13.542	34.525	3.948		25.915	1509	
508	13.116	34.498	3.823		25.981	1508	

Station: :I-12
Latitude:36-30.07N Longitude:143-30.00 DEPTH:2800M
Date:1999/06/08 Time:13:25

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	21.882	34.645	4.807		23.980	1526	
5	21.885	34.648	4.709		23.982	1526	
10	21.853	34.648	4.724		23.991	1526	
20	21.429	34.665	4.718		24.122	1525	
30	21.235	34.689	4.744		24.193	1525	
40	21.162	34.690	4.710		24.214	1524	
50	21.104	34.717	4.652		24.250	1525	
60	21.052	34.724	4.640		24.269	1525	
70	20.836	34.741	4.549		24.341	1524	
75	20.693	34.750	4.534		24.386	1524	
80	20.631	34.752	4.548		24.405	1524	
90	20.238	34.774	4.512		24.526	1523	
100	19.890	34.786	4.559		24.628	1522	
125	19.525	34.801	4.574		24.734	1522	
150	19.258	34.806	4.594		24.807	1521	
175	19.141	34.807	4.582		24.837	1521	
200	19.013	34.806	4.653		24.869	1521	
250	18.344	34.798	4.461		25.032	1520	
300	17.613	34.792	4.739		25.207	1519	
400	15.315	34.650	4.400		25.632	1513	
500	12.521	34.467	3.769		26.075	1506	
506	12.417	34.453	3.779		26.083	1505	

Station: :I-13
Latitude:36-00.00N Longitude:143-00.00 DEPTH:6000M
Date:1999/06/08 Time:15:35

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	21.678	34.665	4.706		24.053	1525	
5	21.684	34.665	4.670		24.051	1525	
10	21.701	34.666	4.659		24.047	1525	
20	21.687	34.665	4.630		24.051	1526	
30	21.515	34.672	4.656		24.103	1525	
40	21.053	34.693	4.662		24.245	1524	
50	20.934	34.716	4.673		24.295	1524	
60	20.806	34.736	4.678		24.345	1524	
70	20.745	34.741	4.661		24.365	1524	
75	20.715	34.742	4.666		24.375	1524	
80	20.666	34.746	4.614		24.391	1524	
90	20.496	34.758	4.544		24.446	1524	
100	20.097	34.778	4.555		24.566	1523	
125	19.765	34.795	4.505		24.667	1522	
150	19.350	34.801	4.510		24.780	1521	
175	19.124	34.802	4.524		24.838	1521	
200	18.581	34.776	4.370		24.956	1520	
250	17.657	34.784	4.676		25.190	1518	
300	16.970	34.755	4.296		25.333	1517	
400	14.484	34.595	4.090		25.771	1511	
500	11.241	34.390	3.608		26.256	1501	
503	11.220	34.384	3.617		26.255	1501	

Station: :I-14
Latitude:36-00.05N Longitude:142-29.96 DEPTH:5210M
Date:1999/06/08 Time:17:40

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
1	21.818	34.697	4.762		24.038	1526	
5	21.824	34.697	4.710		24.037	1526	
10	21.706	34.691	4.743		24.065	1525	
20	21.329	34.686	4.765		24.165	1525	
30	20.870	34.689	4.822		24.292	1524	
40	20.679	34.733	4.740		24.377	1523	
50	20.288	34.755	4.773		24.499	1522	
60	19.982	34.774	4.800		24.594	1522	
70	19.677	34.778	4.622		24.677	1521	
75	19.568	34.792	4.608		24.716	1521	
80	19.489	34.790	4.588		24.735	1521	
90	19.291	34.797	4.562		24.791	1520	
100	19.137	34.800	4.516		24.833	1520	
125	18.833	34.793	4.436		24.905	1520	
150	18.137	34.761	4.349		25.055	1518	
175	17.794	34.797	4.313		25.167	1517	
200	17.291	34.772	4.409		25.270	1516	
250	16.135	34.719	4.167		25.501	1514	
300	14.829	34.620	4.166		25.716	1510	
400	11.589	34.379	3.976		26.184	1501	
500	7.987	34.025	4.538		26.510	1489	
504	7.837	33.988	4.745		26.503	1488	

Station: :I-15
Latitude:36-00.45N Longitude:142-04.77 DEPTH:3632M
Date:1999/06/08 Time:19:35

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	23.663	34.603	4.371		23.440	1530	
5	23.645	34.605	4.350		23.447	1530	
10	23.660	34.604	4.342		23.441	1530	
20	22.102	34.580	4.391		23.870	1527	
30	21.461	34.665	4.121		24.112	1525	
40	20.986	34.653	4.080		24.233	1524	
50	19.755	34.603	4.142		24.523	1521	
60	-9.990e-	9.990e-2	.990e-29		9.990e-2	-9.990e	
70	19.045	34.694	3.905		24.776	1519	
75	18.627	34.676	3.895		24.868	1518	
80	18.341	34.665	3.897		24.931	1517	
90	17.877	34.673	3.912		25.052	1516	
100	17.605	34.700	3.895		25.138	1515	
125	16.206	34.595	3.860		25.389	1512	
150	15.472	34.585	3.812		25.548	1510	
175	14.273	34.547	3.720		25.779	1506	
200	13.420	34.519	3.674		25.935	1504	
250	12.237	34.456	3.664		26.121	1501	
300	10.505	34.350	3.511		26.357	1495	
400	8.228	34.161	3.580		26.581	1488	
500	6.674	34.150	2.794		26.793	1484	
502	6.678	34.150	.990e-29		26.793	1484	

Station: :I-16
Latitude:36-00.20N Longitude:142-39.75E DEPTH:2494M
Date:1999/06/08 Time:21:48

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
4	21.421	34.492	4.936		23.992	1524	
5	21.422	34.491	4.943		23.991	1524	
10	21.423	34.491	4.935		23.991	1524	
20	19.913	34.461	5.224		24.373	1520	
30	18.747	34.479	4.896		24.687	1517	
40	18.095	34.566	4.576		24.916	1516	
50	17.654	34.558	4.483		25.018	1515	
60	16.936	34.575	4.044		25.203	1513	
70	16.357	34.567	3.970		25.332	1511	
75	16.256	34.564	3.956		25.354	1511	
80	15.978	34.567	3.977		25.419	1510	
90	15.519	34.557	3.955		25.515	1509	
100	14.909	34.540	3.934		25.637	1507	
125	13.936	34.525	3.696		25.834	1504	
150	13.022	34.493	3.598		25.995	1502	
175	12.362	34.473	3.596		26.110	1500	
200	11.634	34.437	3.465		26.221	1498	
250	9.992	34.359	3.187		26.453	1493	
300	8.875	34.313	2.969		26.600	1489	
400	6.247	34.110	2.920		26.818	1481	
500	-9.990e-	9.990e-2	.990e-29		9.990e-2	-9.990e	
508	4.405	34.026	2.023		26.969	1475	

Station: :I-17
Latitude:35-40.43N Longitude:141-40.00E DEPTH:2676M
Date:1999/06/09 Time:00:10

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
3	20.716	34.357	5.075		24.081	1522	
5	20.713	34.358	5.056		24.083	1522	
10	19.664	34.551	5.204		24.507	1520	
20	18.327	34.557	4.724		24.851	1516	
30	17.854	34.554	4.474		24.966	1515	
40	16.784	34.577	3.982		25.241	1512	
50	16.640	34.583	3.933		25.279	1512	
60	16.318	34.593	3.880		25.361	1511	
70	15.629	34.589	3.805		25.515	1509	
75	15.166	34.573	3.810		25.606	1507	
80	15.024	34.563	3.841		25.629	1507	
90	14.536	34.557	3.875		25.731	1506	
100	14.192	34.548	3.906		25.797	1505	
125	13.548	34.525	3.880		25.913	1503	
150	12.872	34.499	3.679		26.030	1501	
175	12.077	34.464	3.541		26.158	1499	
200	11.131	34.418	3.381		26.298	1496	
250	9.343	34.226	3.829		26.457	1490	
300	8.749	34.269	3.154		26.585	1489	
400	6.933	34.209	2.672		26.804	1483	
500	5.662	34.201	2.131		26.963	1480	
503	5.652	34.201	.990e-29		26.964	1480	

Station: :I-18
Latitude:35-19.95N Longitude:141-39.95E DEPTH:2187M
Date:1999/06/09 Time:02:30

Press [dBar]	Temp [°C]	Sal [PSU]	Oxy [ml/L]	Trans [%]	Sig.-t [Kg/m^3]	P.temp [°C]	D.M.
2	24.231	34.620	4.271		23.285	1532	
5	24.226	34.620	4.229		23.287	1532	
10	24.209	34.621	4.212		23.292	1532	
20	23.932	34.623	4.204		23.376	1531	
30	23.464	34.628	4.200		23.517	1530	
40	23.374	34.735	4.017		23.624	1530	
50	23.005	34.766	4.057		23.755	1530	
60	22.029	34.799	3.897		24.056	1527	
70	21.671	34.802	3.890		24.159	1526	
75	21.431	34.778	3.954		24.207	1526	
80	20.939	34.700	4.016		24.282	1525	
90	20.070	34.742	3.966		24.546	1522	
100	19.069	34.760	3.908		24.820	1520	
125	17.097	34.712	3.835		25.270	1514	
150	16.509	34.715	3.907		25.410	1513	
175	15.718	34.659	3.858		25.549	1511	
200	14.773	34.618	4.012		25.727	1508	
250	12.891	34.500	3.685		26.027	1503	
300	11.473	34.425	3.495		26.241	1499	
400	9.474	34.340	3.081		26.524	1493	
500	6.875	34.251	2.484		26.846	1485	
502	6.850	34.249	.990e-29		26.848	1485	