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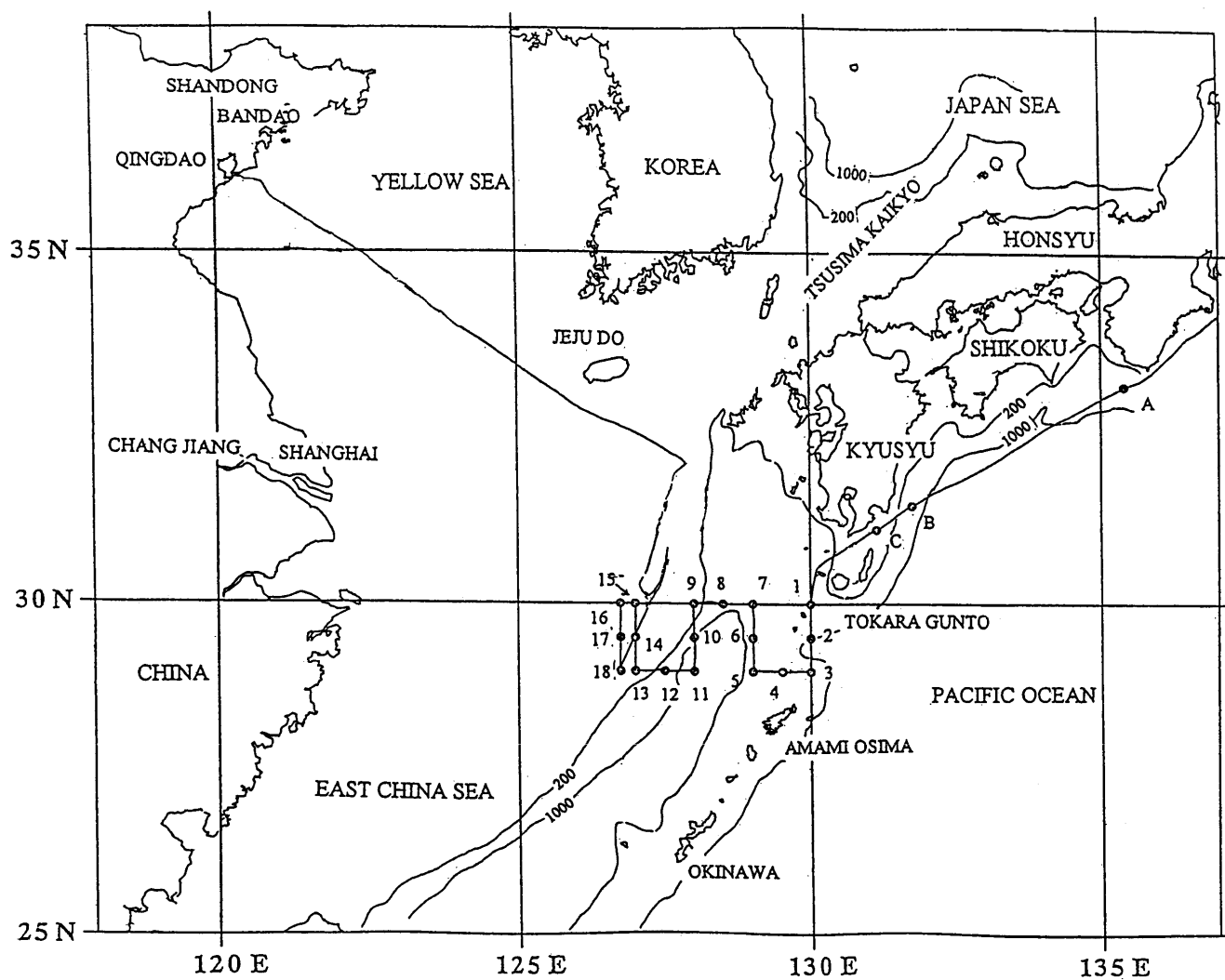
University of Marine Science and Technology

(東京海洋大学)

第二部 神鷹丸航海調査報告 第39次航海報告 期間
平成9年8月～平成9年9月 海域 東支那海及び黄海

メタデータ	言語: jpn 出版者: 公開日: 2008-04-10 キーワード (Ja): キーワード (En): 作成者: メールアドレス: 所属:
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2.2.1. 観測海域図 Observation Leg Chart



2.2.2. CTD 觀測表 CTD Observation List

St.No.	Time (SMT)	GMT	Lat.	Long	A.Temp	W.Temp	Depth	Wind Dir.	Wind S'd	Remarks
A	8/19 13:00	8/19 04:00	33-10.70N	135-23.20E	27.9°C	28.4°C	1441m	62.5	11m/s	RMS MER VD
B	8/20 09:00	8/20 00:00	31-27.06N	131-45.97E	28.8	27.7	833	093	6.9	MER
C	8/20 13:00	8/20 04:00	31-05.83N	131-09.03E	29.2	27.5	104	092	7.0	RMS MER VD
1	8/20 21:09	8/20 12:09	29-59.85N	130-00.31E	27.8	28.3	615	090	12.6	RMS
2	8/20 23:55	8/20 14:55	29-29.84N	129-59.92E	27.9	28.3	773	102	8.3	RMS
3	8/21 02:44	8/20 17:44	29-00.19N	130-00.21E	27.9	27.8	820	105	9.0	RMS
4	8/21 05:32	8/20 20:32	29-00.14N	129-30.42E	27.7	27.8	794	136	8.6	RMS
5	8/21 08:08	8/20 23:08	29-01.00N	129-02.17E	27.6	27.6	884	145	5.5	RMS MER VD
6	8/21 11:00	8/21 02:00	29-30.04N	129-00.15E	28.5	27.7	884	150	3.2	RMS MER
7	8/21 13:43	8/21 04:43	30-00.04N	129-00.11E	29.4	27.7	916	160	3.2	RMS MER VD
8	8/21 16:38	8/21 07:38	30-00.26N	128-30.87E	28.4	28.2	339	201	2.8	RMS
9	8/21 19:13	08:21 10:13	30-00.08N	127-59.50E	27.8	28.2	368	190	4.0	RMS
10	8/21 22:15	8/21 13:15	29-30.02N	128-00.36E	27.3	28.1	999	207	2.5	RMS
11	8/22 01:30	8/21 16:30	29-00.17N	128-00.07E	26.1	26.7	1159	150	2.0	RMS
12	8/22 04:25	8/21 19:25	29-00.12N	127-29.63E	26.5	27.4	1037	201	2.7	RMS
13	8/22 07:00	8/21 21:00	29-00.12N	126-59.73E	25.7	27.5	163	202	3.6	RMS
14	8/22 09:35	8/22 00:35	29-30.20N	127-00.09E	28.0	27.4	115	249	2.7	RMS MER VD
15	8/22 12:34	8/22 03:34	30-00.23N	126-59.96E	27.9	27.6	106	078	3.0	RMS MER
16	8/22 14:25	8/22 05:25	29-59.92N	126-44.93E	28.0	27.6	98	172	1.2	RMS MER
17	8/22 17:00	8/22 08:00	29-29.75N	126-44.84E	28.0	29.9	104	220	2.0	RMS MER
18	8/22 19:35	8/22 10:35	29-00.38N	126-44.79E	27.9	27.6	123	230	2.2	RMS MER
T1	8/23 10:35	8/23 01:35	30-06.96N	127-14.45E	29.4	28.1	116	calm		MER
T2	8/24 05:12	8/23 20:12	31-38.61N	127-39.29E	27.0	27.3	137	270	5.0	RMS VD
T3	8/24 11:03	8/24 02:03	35-51.88N	127-47.85E	28.2	27.8	145	315	5.0	MER

2.2.3. CTD 観測データ CTD Observation Data

STATION - St.No. A
DATE - 1997/08/19
TIME - 13:06
DEPTH - 000292 M
POSITION LAT. - 33°10.79 N
LONG. - 135°23.28 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	28.286	34.312	21.787	3.03	69.15	0.07
1.0	28.271	34.319	21.796	2.78	70.29	0.06
2.0	28.299	34.310	21.780	3.29	86.84	0.07
3.0	28.307	34.312	21.780	3.32	87.34	0.09
4.0	28.313	34.305	21.772	3.32	79.65	0.07
5.0	28.304	34.308	21.777	3.31	88.34	0.06
10.0	28.291	34.312	21.784	3.28	88.48	0.06
15.0	28.292	34.312	21.784	3.24	88.51	0.07
20.0	28.280	34.313	21.789	3.26	88.48	0.08
25.0	28.273	34.314	21.792	3.29	88.48	0.07
30.0	28.274	34.314	21.791	3.27	88.48	0.07
40.0	28.259	34.314	21.797	3.25	88.43	0.07
50.0	28.255	34.315	21.799	3.30	88.43	0.08
75.0	26.019	34.475	22.634	3.56	88.22	0.13
100.0	24.269	34.600	23.260	3.59	87.90	0.31
125.0	22.172	34.600	23.867	3.45	88.69	0.11
150.0	20.098	34.670	24.485	3.45	88.72	0.08
200.0	17.465	34.676	25.156	3.31	83.23	0.06
250.0	14.550	34.556	25.728	3.35	71.82	0.05
300.0	13.052	34.476	25.977	3.14	61.05	0.05
300.6	12.992	34.472	25.986	3.12	60.58	0.05

STATION - St.No. C
DATE - 1997/08/20
TIME - 13:01
DEPTH - 000104 M
POSITION LAT. - 31°05.74 N
LONG. - 131°09.03 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.289	33.806	21.729	4.13	55.60	0.07
1.0	27.294	33.828	21.744	4.24	41.25	0.06
2.0	27.292	33.855	21.765	3.94	81.85	0.08
3.0	27.301	33.856	21.763	3.83	86.55	0.07
4.0	27.287	33.852	21.764	3.85	87.22	0.07
5.0	27.246	33.848	21.774	3.84	87.69	0.09
10.0	27.198	33.844	21.786	3.80	87.72	0.08
15.0	26.819	33.854	21.915	3.79	87.81	0.08
20.0	26.600	34.026	22.113	3.75	87.96	0.11
25.0	26.265	33.982	22.185	3.75	87.72	0.11
30.0	26.231	33.993	22.204	3.72	87.96	0.13
40.0	25.484	34.083	22.503	3.74	87.43	0.25
50.0	24.425	34.076	22.818	3.75	87.52	0.32
75.0	20.747	34.489	24.175	3.64	88.57	0.18
77.0	20.662	34.512	24.215	3.55	88.57	0.17

STATION - St.No. B
DATE - 1997/08/20
TIME - 09:09
DEPTH - 000833 M
POSITION LAT. - 31°27.08 N
LONG. - 131°45.97 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.593	32.202	20.426	4.25	14.99	0.07
1.0	27.577	32.970	21.008	4.13	13.41	0.09
2.0	27.533	34.072	21.850	3.93	73.11	0.08
3.0	27.537	34.074	21.851	3.77	88.28	0.07
4.0	27.525	34.073	21.854	3.72	88.57	0.07
5.0	27.519	34.073	21.856	3.70	88.66	0.07
10.0	27.514	34.073	21.858	3.61	88.72	0.07
15.0	27.502	34.073	21.861	3.67	88.72	0.07
20.0	27.497	34.073	21.863	3.63	88.72	0.07
25.0	27.487	34.095	21.883	3.61	88.72	0.08
30.0	27.539	34.325	22.039	3.63	88.87	0.07
40.0	27.642	34.432	22.086	3.59	88.92	0.08
50.0	27.355	34.454	22.195	3.60	88.87	0.09
75.0	23.381	34.478	23.429	3.68	88.54	0.23
100.0	21.067	34.608	24.179	3.60	89.07	0.11
125.0	19.115	34.731	24.787	3.56	88.69	0.09
150.0	18.646	34.832	24.984	3.59	85.81	0.05
200.0	16.360	34.651	25.397	3.49	81.15	0.06
250.0	14.206	34.540	25.789	3.37	75.52	0.05
300.0	12.623	34.452	26.044	3.20	66.28	0.06
302.8	12.485	34.450	26.069	3.17	65.31	0.05

STATION - St.No. 1
DATE - 1997/08/20
TIME - 21:09
DEPTH - 000641 M
POSITION LAT. - 29°59.84 N
LONG. - 130°00.33 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	28.516	33.613	21.185	3.21	30.48	0.14
1.0	28.533	34.213	21.631	3.23	0.59	0.29
2.0	28.533	34.207	21.626	3.45	82.59	0.09
3.0	28.532	34.206	21.626	3.50	87.81	0.07
4.0	28.530	34.206	21.626	3.53	87.84	0.07
5.0	28.527	34.206	21.627	3.53	87.87	0.07
10.0	28.530	34.206	21.626	3.53	87.84	0.07
15.0	28.534	34.206	21.625	3.47	87.84	0.07
20.0	28.533	34.206	21.625	3.42	87.81	0.07
25.0	28.532	34.206	21.626	3.45	87.78	0.07
30.0	28.534	34.206	21.625	3.53	87.75	0.08
40.0	28.512	34.206	21.632	3.52	87.75	0.07
50.0	28.479	34.206	21.643	3.55	87.69	0.08
75.0	27.843	34.237	21.874	3.61	87.46	0.13
100.0	22.795	34.470	23.592	3.76	87.40	0.21
125.0	19.604	34.519	24.499	3.74	87.93	0.12
150.0	18.391	34.611	24.879	3.54	88.16	0.09
200.0	16.373	34.598	25.353	3.37	85.70	0.06
250.0	12.053	34.437	26.142	3.04	76.02	0.06
299.8	11.686	34.415	26.195	2.99	62.84	0.06
299.8	11.686	34.415	26.195	2.99	62.84	0.06

STATION - St.No. 2
DATE - 1997/08/20
TIME - 23:55

DEPTH -
POSITION LAT. - 000774 M
LONG. - 29°29.86 N
129°59.99 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	28.252	34.222	21.729	2.67	35.70	0.07
1.0	28.252	34.278	21.772	2.67	34.27	0.07
2.0	28.286	34.278	21.761	3.14	78.86	0.09
3.0	28.301	34.285	21.761	3.32	86.87	0.09
4.0	28.300	34.284	21.761	3.37	86.64	0.09
5.0	28.298	34.284	21.761	3.37	87.66	0.09
10.0	28.300	34.284	21.761	3.36	87.66	0.09
15.0	28.290	34.285	21.764	3.43	87.66	0.09
20.0	28.301	34.284	21.760	3.42	87.66	0.09
25.0	27.861	34.294	21.911	3.49	87.55	0.10
30.0	27.658	34.327	22.002	3.52	87.40	0.16
40.0	27.484	34.337	22.066	3.57	87.37	0.16
50.0	26.997	34.384	22.257	3.61	87.31	0.18
75.0	24.715	34.574	23.107	3.70	87.52	0.16
100.0	23.880	34.636	23.403	3.72	87.52	0.17
125.0	22.441	34.726	23.887	3.73	87.84	0.12
150.0	20.666	34.751	24.396	3.71	87.99	0.09
200.0	19.428	34.813	24.770	3.62	88.40	0.07
250.0	17.849	34.774	25.137	3.67	88.51	0.06
300.0	15.112	34.609	25.647	3.64	86.81	0.05
304.8	14.995	34.607	25.671	3.63	86.37	0.05

STATION - St.No. 4
DATE - 1997/08/21
TIME - 05:30

DEPTH -
POSITION LAT. - 000794 M
LONG. - 29°00.15 N
129°30.43 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.631	34.460	22.111	2.79	54.45	0.07
1.0	27.624	34.467	22.118	2.52	27.70	0.07
2.0	27.650	34.469	22.112	3.29	87.16	0.07
3.0	27.658	34.469	22.109	3.48	87.43	0.07
4.0	27.638	34.468	22.114	3.48	87.46	0.06
5.0	27.637	34.468	22.115	3.45	87.46	0.06
10.0	27.641	34.469	22.114	3.52	87.46	0.06
15.0	27.644	34.468	22.113	3.51	87.43	0.06
20.0	27.643	34.469	22.113	3.55	87.43	0.06
25.0	27.628	34.468	22.118	3.54	87.37	0.06
30.0	27.580	34.467	22.132	3.57	87.31	0.07
40.0	27.480	34.468	22.166	3.59	87.31	0.07
50.0	26.500	34.516	22.514	3.68	87.19	0.10
75.0	24.146	34.675	23.354	3.74	87.46	0.15
100.0	23.495	34.705	23.568	3.74	87.66	0.10
125.0	22.683	34.738	23.828	3.70	87.84	0.08
150.0	21.768	34.777	24.115	3.66	87.99	0.07
200.0	20.593	34.825	24.472	3.68	88.25	0.06
250.0	19.087	34.853	24.888	3.76	88.43	0.05
300.0	17.771	34.792	25.170	3.71	88.22	0.05
300.9	17.737	34.796	25.182	3.71	88.13	0.05

STATION - St.No. 3
DATE - 1997/08/21
TIME - 02:44

DEPTH -
POSITION LAT. - 000820 M
LONG. - 29°00.14 N
130°00.25 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	28.222	34.363	21.846	2.84	31.74	0.11
1.0	28.221	34.367	21.848	2.84	31.95	0.11
2.0	28.239	34.420	21.883	2.90	76.98	0.09
3.0	28.258	34.413	21.871	3.41	87.46	0.07
4.0	28.248	34.413	21.874	3.45	87.55	0.07
5.0	28.248	34.413	21.875	3.44	87.52	0.07
10.0	28.252	34.412	21.873	3.44	87.55	0.07
15.0	28.255	34.413	21.872	3.42	87.55	0.07
20.0	28.256	34.413	21.872	3.50	87.52	0.06
25.0	28.256	34.412	21.871	3.50	87.49	0.06
30.0	28.256	34.413	21.872	3.54	87.49	0.07
40.0	28.256	34.412	21.871	3.53	87.43	0.07
50.0	28.232	34.406	21.875	3.53	87.37	0.07
75.0	27.226	34.450	22.233	3.63	87.11	0.14
100.0	26.403	34.485	22.521	3.67	86.96	0.17
125.0	25.103	34.588	23.001	3.71	87.28	0.15
150.0	24.222	34.656	23.317	3.71	87.55	0.11
200.0	21.214	34.806	24.289	3.68	87.96	0.07
250.0	19.098	34.842	24.877	3.72	88.28	0.05
300.0	17.884	34.800	25.149	3.73	88.40	0.05
303.6	17.817	34.806	25.169	3.71	88.34	0.05

STATION - St.No. 5
DATE - 1997/08/21
TIME - 08:12

DEPTH -
POSITION LAT. - 000886 M
LONG. - 29°01.04 N
129°00.20 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.403	34.474	22.194	3.06	86.93	0.06
1.0	27.392	34.473	22.197	2.87	87.16	0.06
2.0	27.382	34.487	22.212	3.52	87.69	0.06
3.0	27.375	34.487	22.214	3.58	87.93	0.07
4.0	27.374	34.488	22.215	3.58	87.84	0.06
5.0	27.370	34.488	22.216	3.60	88.07	0.06
10.0	27.366	34.488	22.217	3.58	88.16	0.06
15.0	27.366	34.489	22.218	3.56	88.25	0.06
20.0	27.356	34.488	22.220	3.59	88.31	0.06
25.0	27.355	34.487	22.220	3.60	88.34	0.06
30.0	27.340	34.487	22.225	3.62	88.40	0.06
40.0	27.168	34.488	22.281	3.64	88.43	0.07
50.0	27.084	34.495	22.312	3.65	88.48	0.07
75.0	26.415	34.520	22.544	3.71	88.43	0.09
100.0	24.504	34.623	23.208	3.80	88.25	0.20
125.0	23.448	34.687	23.569	3.69	88.87	0.10
150.0	21.207	34.794	24.282	3.76	89.19	0.06
200.0	20.375	34.840	24.542	3.66	89.31	0.06
250.0	19.479	34.858	24.791	3.73	89.13	0.05
300.0	18.491	34.841	25.030	3.70	88.16	0.05
301.7	18.463	34.844	25.039	3.69	88.13	0.05

STATION - St.No. 6
DATE - 1997/08/21
TIME - 11:01

DEPTH - 000903 M
POSITION LAT. - 29°30.05 N
LONG. - 129°00.16 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.212	34.469	22.253	4.81	54.04	0.15
1.0	27.209	34.484	22.265	4.82	60.94	0.16
2.0	27.259	34.503	22.263	4.85	88.34	0.08
3.0	27.279	34.506	22.259	4.18	88.48	0.05
4.0	27.227	34.508	22.277	4.24	88.69	0.05
5.0	27.278	34.506	22.259	4.17	88.90	0.05
10.0	27.115	34.505	22.311	3.97	89.19	0.05
15.0	27.077	34.506	22.324	3.87	89.28	0.06
20.0	27.060	34.507	22.329	3.85	89.34	0.06
25.0	27.052	34.507	22.332	3.76	89.36	0.06
30.0	27.033	34.505	22.336	3.79	89.36	0.06
40.0	26.847	34.504	22.395	3.72	89.31	0.07
50.0	26.831	34.504	22.400	3.67	89.25	0.08
75.0	24.794	34.618	23.116	3.83	88.72	0.18
100.0	23.081	34.723	23.702	3.84	88.69	0.18
125.0	22.510	34.754	23.889	3.81	88.07	0.14
150.0	21.762	34.790	24.126	3.73	86.20	0.10
200.0	20.050	34.846	24.632	3.68	81.15	0.06
250.0	19.001	34.852	24.909	3.73	76.60	0.05
300.0	18.208	34.827	25.089	3.78	72.61	0.05
302.6	18.140	34.828	25.107	3.78	72.38	0.05

STATION - St.No. 8
DATE - 1997/08/21
TIME - 16:37

DEPTH - 000339 M
POSITION LAT. - 30°00.26 N
LONG. - 128°30.07 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	28.075	34.431	21.945	3.45	81.27	0.06
1.0	28.067	34.431	21.947	3.45	85.14	0.06
2.0	28.070	34.431	21.946	3.49	86.02	0.06
3.0	28.057	34.436	21.954	3.59	86.08	0.06
4.0	28.071	34.431	21.945	3.58	86.17	0.06
5.0	28.089	34.437	21.945	3.58	86.20	0.06
10.0	27.512	34.435	22.131	3.68	86.31	0.06
15.0	27.406	34.456	22.180	3.71	86.31	0.06
20.0	27.325	34.463	22.211	3.79	86.37	0.07
25.0	27.115	34.472	22.286	3.82	86.43	0.07
30.0	26.975	34.477	22.334	3.82	86.46	0.07
40.0	26.796	34.475	22.390	3.86	86.40	0.07
50.0	26.518	34.483	22.484	3.85	86.43	0.08
75.0	26.273	34.493	22.568	3.76	86.40	0.14
100.0	25.667	34.554	22.802	3.76	86.87	0.14
125.0	24.335	34.659	23.286	3.86	87.05	0.12
150.0	22.733	34.747	23.820	3.89	87.19	0.11
200.0	21.366	34.812	24.252	3.75	87.25	0.09
250.0	18.320	34.717	24.977	3.65	86.58	0.08
251.6	18.106	34.707	25.022	3.52	85.81	0.08

STATION - St.No. 7
DATE - 1997/08/21
TIME - 13:43

DEPTH - 000916 M
POSITION LAT. - 30°00.00 N
LONG. - 129°00.09 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.179	34.491	22.279	2.91	19.51	0.05
1.0	27.178	34.500	22.286	2.91	18.69	0.05
2.0	27.150	34.507	22.301	3.66	86.87	0.06
3.0	27.103	34.512	22.319	3.74	88.37	0.05
4.0	27.033	34.517	22.346	3.73	88.60	0.05
5.0	26.888	34.512	22.388	3.78	88.57	0.05
10.0	26.812	34.512	22.412	3.60	88.60	0.05
15.0	26.787	34.512	22.420	3.72	88.69	0.06
20.0	26.746	34.510	22.432	3.69	88.66	0.06
25.0	26.606	34.508	22.474	3.68	88.69	0.06
30.0	26.548	34.506	22.491	3.56	88.69	0.06
40.0	26.514	34.507	22.502	3.58	88.69	0.07
50.0	26.504	34.508	22.506	3.65	88.72	0.08
75.0	24.267	34.663	23.308	3.86	88.28	0.19
100.0	23.284	34.718	23.639	3.71	88.25	0.22
125.0	22.259	34.767	23.969	3.73	88.13	0.10
150.0	21.515	34.802	24.204	3.69	86.84	0.08
200.0	20.070	34.849	24.629	3.62	85.05	0.06
250.0	17.814	34.818	25.179	3.77	82.76	0.05
300.0	17.393	34.786	25.257	3.64	80.45	0.05
300.9	17.387	34.785	25.258	3.67	80.47	0.05

STATION - St.No. 9
DATE - 1997/08/21
TIME - 19:14

DEPTH - 000372 M
POSITION LAT. - 30°00.07 N
LONG. - 127°59.51 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	28.018	34.397	21.937	3.11	57.65	0.08
1.0	28.018	34.417	21.953	2.82	7.48	0.08
2.0	28.028	34.418	21.950	3.32	85.90	0.07
3.0	28.061	34.414	21.937	3.43	86.43	0.07
4.0	28.055	34.418	21.941	3.43	86.34	0.07
5.0	28.050	34.415	21.941	3.37	86.37	0.07
10.0	27.874	34.418	22.001	3.50	86.31	0.07
15.0	27.765	34.403	22.024	3.54	86.25	0.07
20.0	27.684	34.414	22.059	3.60	86.23	0.07
25.0	27.665	34.415	22.066	3.60	86.20	0.07
30.0	27.648	34.415	22.071	3.61	86.20	0.07
40.0	27.585	34.408	22.086	3.64	86.11	0.09
50.0	27.543	34.411	22.102	3.64	86.14	0.09
75.0	26.245	34.302	22.433	3.72	85.40	0.26
100.0	24.197	34.327	23.076	3.70	86.34	0.20
125.0	20.498	34.613	24.336	3.69	86.67	0.12
150.0	17.864	34.697	25.074	3.65	86.75	0.07
200.0	14.187	34.530	25.785	3.60	87.08	0.05
250.0	11.814	34.419	26.173	3.13	85.87	0.05
300.0	10.080	34.314	26.403	2.98	76.87	0.05
301.7	10.040	34.322	26.416	2.92	74.17	0.05

STATION - St.No. 10
DATE - 1997/08/21
TIME - 22:15

DEPTH - 000999 M
POSITION LAT. - 29°30.19 N
LONG. - 128°00.35 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.857	34.317	21.930	3.73	52.75	0.09
1.0	27.878	34.304	21.913	3.52	85.76	0.08
2.0	27.891	34.285	21.895	3.49	86.02	0.08
3.0	27.906	34.252	21.865	3.55	86.37	0.08
4.0	27.856	34.293	21.912	3.52	86.31	0.08
5.0	27.833	34.301	21.926	3.49	86.34	0.08
10.0	27.470	34.321	22.058	3.47	86.23	0.08
15.0	27.322	34.342	22.121	3.50	86.17	0.09
20.0	27.286	34.343	22.134	3.52	86.20	0.09
25.0	27.274	34.354	22.146	3.60	86.08	0.09
30.0	27.231	34.358	22.162	3.55	86.02	0.10
40.0	27.212	34.376	22.182	3.61	85.81	0.11
50.0	27.169	34.389	22.206	3.62	85.93	0.12
75.0	27.053	34.400	22.251	3.67	85.76	0.19
100.0	25.104	34.255	22.749	3.59	86.43	0.18
125.0	20.176	34.578	24.395	3.44	86.43	0.12
150.0	18.075	34.648	24.985	3.45	86.49	0.10
200.0	15.701	34.625	25.528	3.48	87.16	0.06
250.0	13.053	34.474	25.975	3.36	78.30	0.05
300.0	11.616	34.392	26.190	3.11	65.37	0.05
300.7	11.588	34.392	26.195	3.07	64.63	0.05

STATION - St.No. 12
DATE - 1997/08/22
TIME - 04:22

DEPTH - 001037 M
POSITION LAT. - 29°00.11 N
LONG. - 127°29.62 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.190	34.235	22.083	2.73	68.83	0.06
1.0	27.225	34.253	22.086	2.74	79.18	0.07
2.0	27.286	34.275	22.083	3.28	86.11	0.11
3.0	27.346	34.317	22.095	3.39	86.37	0.11
4.0	27.351	34.341	22.111	3.40	86.28	0.11
5.0	27.338	34.347	22.120	3.39	86.20	0.11
10.0	27.093	34.369	22.215	3.47	85.96	0.12
15.0	26.942	34.412	22.296	3.57	85.61	0.13
20.0	26.847	34.423	22.334	3.72	85.32	0.13
25.0	26.722	34.432	22.380	3.75	85.40	0.15
30.0	26.599	34.433	22.420	3.73	85.81	0.19
40.0	26.474	34.434	22.461	3.76	85.61	0.24
50.0	26.357	34.433	22.496	3.73	85.87	0.27
75.0	26.276	34.437	22.524	3.76	85.49	0.33
100.0	24.741	34.334	22.918	3.76	86.49	0.17
125.0	19.220	34.611	24.669	3.52	86.75	0.13
150.0	17.514	34.667	25.137	3.45	86.17	0.09
200.0	14.757	34.576	25.699	3.36	87.22	0.06
250.0	12.388	34.441	26.081	3.17	81.36	0.06
299.7	10.824	34.353	26.304	2.99	68.80	0.05
299.7	10.824	34.353	26.304	2.99	68.80	0.05

STATION - St.No. 11
DATE - 1997/08/22
TIME - 01:33

DEPTH - 001159 M
POSITION LAT. - 29°00.17 N
LONG. - 128°00.05 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	26.293	34.492	22.560	3.31	76.81	0.11
1.0	26.277	34.493	22.566	3.32	85.23	0.10
2.0	26.256	34.498	22.576	3.38	86.52	0.08
3.0	26.219	34.507	22.595	3.56	86.61	0.07
4.0	26.282	34.502	22.572	3.60	86.69	0.07
5.0	26.182	34.504	22.604	3.61	86.75	0.07
10.0	26.096	34.502	22.630	3.59	86.78	0.07
15.0	25.993	34.502	22.662	3.63	86.72	0.07
20.0	25.902	34.515	22.700	3.66	86.67	0.07
25.0	25.865	34.515	22.711	3.70	86.58	0.08
30.0	25.718	34.511	22.754	3.74	86.58	0.08
40.0	25.657	34.516	22.776	3.72	86.72	0.10
50.0	25.621	34.516	22.787	3.72	86.78	0.10
75.0	25.443	34.532	22.854	3.73	86.72	0.15
100.0	23.544	34.685	23.539	3.83	86.84	0.17
125.0	21.849	34.787	24.099	3.83	87.08	0.14
150.0	20.852	34.824	24.402	3.85	87.28	0.11
200.0	19.543	34.857	24.773	3.73	87.72	0.06
250.0	17.719	34.809	25.195	3.79	87.90	0.05
299.9	14.597	34.570	25.729	3.62	87.08	0.05
299.9	14.597	34.570	25.729	3.62	87.08	0.05

STATION - St.No. 13
DATE - 1997/08/22
TIME - 07:02

DEPTH - 000163 M
POSITION LAT. - 29°00.06 N
LONG. - 126°59.75 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.348	33.806	21.709	2.89	55.89	0.09
1.0	27.336	33.828	21.730	2.43	29.02	0.08
2.0	27.358	33.829	21.724	3.37	83.73	0.09
3.0	27.360	33.828	21.723	3.34	85.40	0.09
4.0	27.360	33.828	21.723	3.40	85.58	0.10
5.0	27.361	33.829	21.723	3.48	86.08	0.09
10.0	27.368	33.828	21.720	3.51	86.49	0.09
15.0	27.362	33.829	21.723	3.57	86.69	0.09
20.0	27.354	33.830	21.726	3.53	86.78	0.09
25.0	27.313	33.830	21.739	3.60	86.81	0.09
30.0	27.265	33.827	21.752	3.61	86.84	0.10
40.0	27.257	33.839	21.763	3.65	86.84	0.13
50.0	27.213	33.844	21.781	3.63	86.75	0.13
75.0	22.171	34.347	23.675	3.98	86.67	0.21
100.0	18.322	34.657	24.931	3.59	86.93	0.11
121.8	16.482	34.658	25.374	3.56	87.05	0.07

STATION - St.No. 14
DATE - 1997/08/22
TIME - 09:36

DEPTH - 000115 M
POSITION LAT. - 29°30.21 N
LONG. - 127°00.11 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.207	33.780	21.736	3.47	62.90	0.06
1.0	27.214	33.789	21.740	3.75	86.23	0.07
2.0	27.180	33.793	21.754	4.02	86.78	0.07
3.0	27.245	33.798	21.737	3.94	86.93	0.07
4.0	27.244	33.799	21.738	3.94	86.93	0.07
5.0	27.245	33.798	21.737	3.94	87.02	0.07
10.0	27.075	33.798	21.791	3.93	87.02	0.07
15.0	27.063	33.798	21.795	3.88	86.96	0.07
20.0	27.057	33.798	21.797	3.89	87.02	0.07
25.0	26.968	33.814	21.837	3.90	86.99	0.08
30.0	26.756	33.855	21.935	3.89	87.02	0.08
40.0	26.618	33.865	21.986	3.83	86.90	0.11
50.0	26.509	33.876	22.029	3.84	86.78	0.16
75.0	20.328	34.620	24.386	3.75	87.02	0.23
100.0	18.397	34.691	24.938	3.59	86.99	0.16
100.8	18.348	34.689	24.949	3.58	86.49	0.16

STATION - St.No. 16
DATE - 1997/08/22
TIME - 14:25

DEPTH - 000098 M
POSITION LAT. - 29°59.95 N
LONG. - 126°44.93 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.486	33.727	21.607	2.81	74.08	0.07
1.0	27.482	33.728	21.608	2.79	80.77	0.07
2.0	27.442	33.736	21.627	3.77	87.02	0.08
3.0	27.354	33.737	21.656	3.63	87.25	0.08
4.0	27.321	33.734	21.664	3.68	87.16	0.08
5.0	27.289	33.737	21.677	3.72	86.61	0.08
10.0	27.238	33.739	21.694	3.71	87.25	0.08
15.0	27.202	33.738	21.706	3.78	87.28	0.09
20.0	27.120	33.731	21.727	3.71	87.31	0.11
25.0	27.051	33.729	21.746	3.59	87.22	0.13
30.0	26.943	33.711	21.767	3.70	87.11	0.16
40.0	26.900	33.711	21.781	3.59	87.40	0.21
50.0	24.974	34.009	22.602	3.74	86.67	0.40
75.0	19.170	34.526	24.617	3.00	72.26	0.20
75.7	19.171	34.525	24.616	3.02	72.26	0.19

STATION - St.No. 15
DATE - 1997/08/22
TIME - 12:43

DEPTH - 000106 M
POSITION LAT. - 30°00.30 N
LONG. - 127°00.08 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.316	33.805	21.720	2.55	66.63	0.15
1.0	27.292	33.812	21.732	2.57	75.96	0.14
2.0	27.205	33.829	21.773	3.41	86.08	0.07
3.0	27.156	33.828	21.788	3.44	86.34	0.07
4.0	27.168	33.833	21.788	3.54	86.37	0.07
5.0	27.368	33.858	21.743	3.53	86.31	0.07
10.0	26.819	33.828	21.895	3.65	86.20	0.08
15.0	26.756	33.831	21.917	3.71	86.17	0.08
20.0	26.721	33.834	21.930	3.75	86.17	0.10
25.0	26.593	33.824	21.963	3.77	86.11	0.10
30.0	26.534	33.833	21.988	3.77	86.08	0.13
40.0	25.707	33.875	22.277	3.84	85.20	0.24
50.0	23.097	34.274	23.357	3.88	84.93	0.47
75.0	18.823	34.576	24.743	3.20	79.89	0.20
81.8	18.651	34.610	24.813	3.23	79.45	0.19

STATION - St.No. 17
DATE - 1997/08/22
TIME - 17:04

DEPTH - 000104 M
POSITION LAT. - 29°29.71 N
LONG. - 126°44.83 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	28.700	33.682	21.177	5.03	73.40	0.07
1.0	28.988	33.608	21.026	5.37	65.78	0.07
2.0	28.251	33.696	21.335	4.94	84.47	0.07
3.0	27.813	33.722	21.497	4.71	84.99	0.07
4.0	27.534	33.731	21.594	4.78	85.05	0.07
5.0	27.476	33.739	21.618	4.72	85.05	0.07
10.0	27.357	33.744	21.660	4.67	84.99	0.07
15.0	27.172	33.757	21.729	4.65	85.14	0.07
20.0	27.140	33.768	21.748	4.56	85.11	0.07
25.0	27.103	33.774	21.764	4.59	84.99	0.09
30.0	27.068	33.785	21.784	4.50	84.64	0.10
40.0	26.913	33.779	21.828	4.48	84.70	0.13
50.0	26.754	33.810	21.902	4.41	84.38	0.19
75.0	19.406	34.530	24.559	4.03	81.24	0.28
78.6	18.828	34.603	24.763	3.95	77.25	0.25

STATION - St.No. 18
 DATE - 1997/08/22
 TIME - 19:37

DEPTH - 000123 M
 POSITION LAT. - 29°00.28 N
 LONG. - 126°44.71 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.915	33.781	21.508	2.27	65.48	0.07
1.0	27.925	33.780	21.504	2.30	71.38	0.07
2.0	27.910	33.785	21.513	3.48	83.88	0.09
3.0	27.841	33.803	21.548	3.53	84.76	0.08
4.0	27.644	33.819	21.625	3.54	85.29	0.08
5.0	27.384	33.892	21.763	3.61	85.70	0.07
10.0	27.190	33.907	21.837	3.68	85.90	0.07
15.0	27.023	33.894	21.880	3.75	85.99	0.08
20.0	26.986	33.899	21.895	3.77	85.99	0.08
25.0	26.973	33.903	21.902	3.79	85.99	0.08
30.0	26.903	33.894	21.918	3.84	85.87	0.09
40.0	26.828	33.912	21.955	3.86	85.90	0.11
50.0	26.844	33.925	21.960	3.86	85.90	0.12
75.0	19.154	34.567	24.652	3.87	84.29	0.26
100.0	17.319	34.637	25.161	3.59	74.49	0.12
101.7	17.293	34.639	25.168	3.46	74.43	0.13

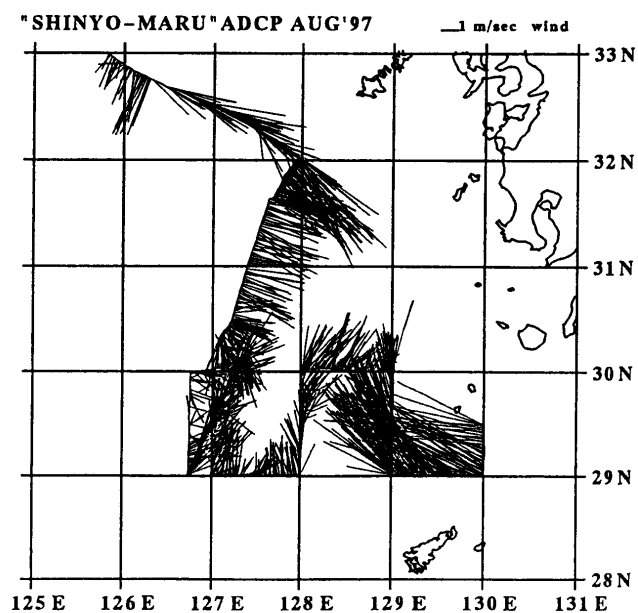
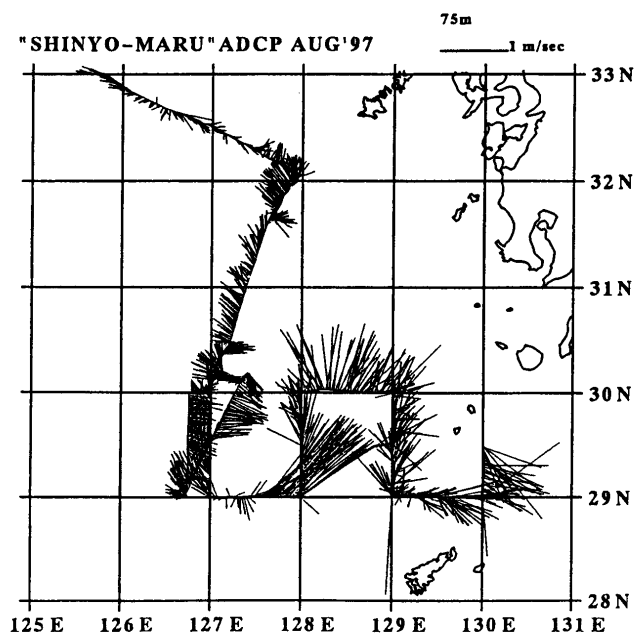
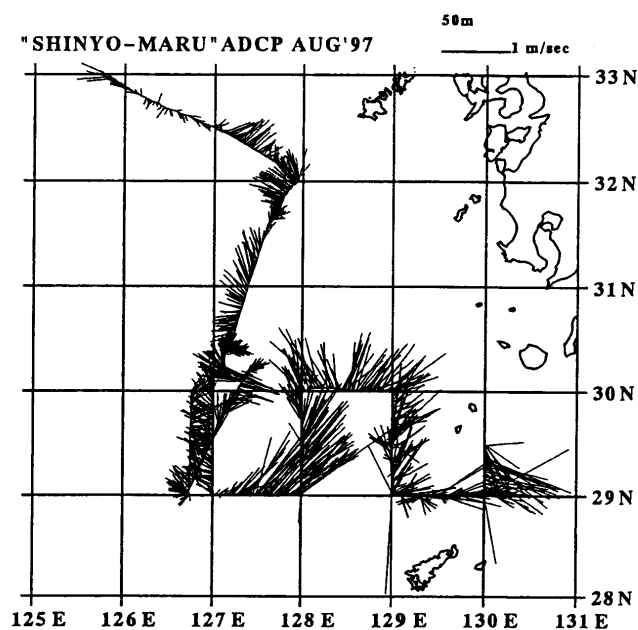
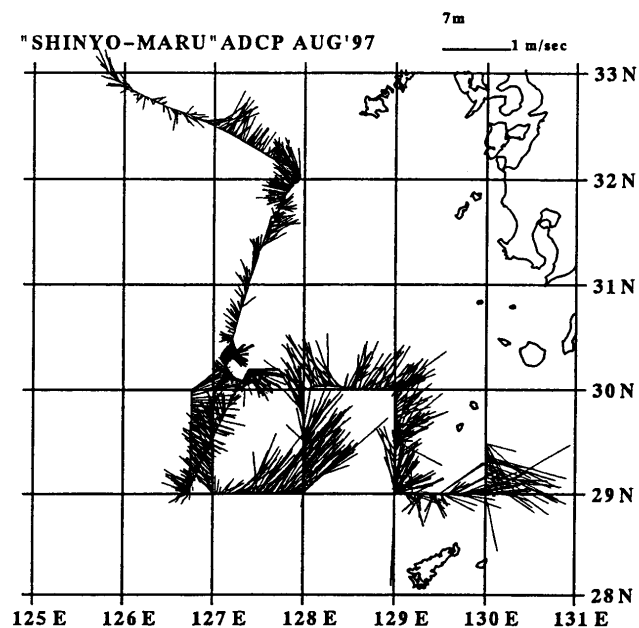
STATION - St.No. T1
 DATE - 1997/08/24
 TIME - 05:39

DEPTH - 000137 M
 POSITION LAT. - 31°38.48 N
 LONG. - 127°39.59 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	27.645	33.802	21.611	3.05	63.81	0.08
1.0	27.649	33.802	21.610	3.21	71.47	0.08
2.0	27.661	33.798	21.603	3.65	85.58	0.08
3.0	27.715	33.802	21.588	3.68	86.05	0.08
4.0	27.677	33.793	21.594	3.70	86.23	0.08
5.0	27.662	33.798	21.603	3.73	86.37	0.09
10.0	27.658	33.797	21.603	3.79	86.46	0.08
15.0	27.603	33.789	21.615	3.84	86.49	0.08
20.0	27.411	33.783	21.672	3.87	86.55	0.11
25.0	27.322	33.793	21.708	3.88	86.69	0.08
30.0	27.120	33.806	21.782	3.91	86.72	0.08
40.0	26.987	33.814	21.831	3.91	86.87	0.09
50.0	26.578	33.912	22.034	3.96	86.67	0.11
75.0	20.944	34.599	24.205	3.97	86.20	0.28
100.0	17.125	34.653	25.219	3.78	81.21	0.13
115.6	15.860	34.612	25.482	3.65	83.26	0.07

2.2.4. ADCP 及び風向風速図 ADCP and Wind Chart



2.2.5.クロロフィル観測データ Chlorophyll Observation Data
クロロフィル_aおよびフェオ色素

Station	Depth	Chl.a	Pheo.	Acid	Station	Depth	Chl.a	Pheo.	Acid
	m	$\mu\text{g l}^{-1}$	$\mu\text{g l}^{-1}$	Factor		m	$\mu\text{g l}^{-1}$	$\mu\text{g l}^{-1}$	Factor
Sta.A	0	0.179	0.058	1.76	Sta.6	100	0.112	0.190	1.37
	10	0.138	0.051	1.74		150	0.035	0.089	1.28
	30	0.125	0.044	1.75	Sta.7	0	0.112	0.024	1.83
	50	0.156	0.060	1.73		30	0.107	0.034	1.76
	75	0.281	0.128	1.69		50	0.131	0.059	1.70
	100	0.563	0.366	1.61		75	0.265	0.134	1.67
	150	0.057	0.100	1.37		100	0.471	0.529	1.48
sta.B	0	0.135	0.048	1.75		150	0.074	0.130	1.37
	10	0.146	0.041	1.79	Sta.8	0	0.087	0.029	1.76
	30	0.133	0.053	1.72		30	0.118	0.044	1.73
	50	0.192	0.095	1.68		50	0.194	0.105	1.66
	75	0.552	0.432	1.57		75	0.352	0.200	1.64
	100	0.151	0.194	1.44		100	0.308	0.167	1.66
	150	0.001	0.002	1.22		150	0.260	0.134	1.67
Sta.C	0	0.171	0.045	1.80	Sta.9	0	0.102	0.034	1.76
	10	0.169	0.055	1.76		30	0.121	0.044	1.74
	30	0.384	0.162	1.71		50	0.113	0.044	1.73
	50	0.793	0.453	1.64		75	0.617	0.421	1.60
	75	0.303	0.271	1.53		150	0.053	0.080	1.40
Sta.1	0	0.097	0.036	1.74	Sta.10	0	0.108	0.034	1.77
	30	0.110	0.039	1.74		30	0.161	0.093	1.64
	50	0.169	0.083	1.68		50	0.249	0.123	1.68
	75	0.238	0.144	1.63		75	0.535	0.317	1.63
	100	0.503	0.437	1.54		100	0.276	0.221	1.56
	150	0.102	0.147	1.41		150	0.085	0.130	1.40
Sta.2	0	0.314	0.145	1.69	Sta.11	0	0.110	0.036	1.76
	30	0.346	0.162	1.69		30	0.159	0.073	1.69
	50	0.335	0.277	1.55		50	0.177	0.098	1.65
	75	0.287	0.271	1.52		75	0.346	0.260	1.58
	100	0.143	0.197	1.42		100	0.346	0.288	1.55
	150	0.125	0.174	1.42		150	0.004	0.006	1.38
Sta.3	0	0.115	0.041	1.74	Sta.12	0	0.199	0.096	1.68
	30	0.103	0.036	1.75		30	0.752	-0.009	2.02
	50	0.314	0.200	1.62		50	0.649	0.378	1.64
	75	0.427	0.305	1.59		75	0.811	0.435	1.66
	100	0.433	0.294	1.60		100	0.422	0.256	1.63
	150	0.139	0.200	1.41		150	0.071	0.120	1.37
Sta.4	0	0.131	0.034	1.80	Sta.13	0	0.200	0.073	1.74
	30	0.105	0.041	1.73		30	0.222	0.095	1.71
	50	0.184	0.115	1.62		50	0.335	0.156	1.69
	75	0.270	0.281	1.50		75	0.460	0.349	1.57
	100	0.126	0.180	1.42		100	0.143	0.172	1.46
	150	0.029	0.057	1.34		120	0.003	0.006	1.33
Sta.5	0	0.102	0.036	1.75	Sta.14	0	0.154	0.055	1.75
	10	0.095	0.037	1.73		10	0.161	0.015	1.92
	30	0.098	0.034	1.75		30	0.176	0.073	1.71
	50	0.105	0.036	1.75		50	0.416	0.228	1.65
	75	0.161	0.091	1.64		75	0.416	0.398	1.52
	100	0.416	0.419	1.50		100	0.287	0.271	1.52
Sta.6	150	0.022	0.045	1.33					
	0	0.071	0.029	1.72					
	30	0.085	0.031	1.74					
	50	0.136	0.059	1.70					
	75	0.184	0.253	1.43					

クロロフィル a およびフェオ色素

Station	Depth	Chl.a	Pheo.	Acid
	m	$\mu\text{g l}^{-1}$	$\mu\text{g l}^{-1}$	Factor
Sta.15	0	0.172	0.055	1.77
	10	0.218	0.067	1.77
	30	0.352	0.151	1.71
	50	1.058	0.812	1.57
	75	0.346	0.315	1.53
	80	0.346	0.298	1.54
Sta.16	0	0.200	0.057	1.79
	10	0.200	0.073	1.74
	30	0.422	0.190	1.70
	50	1.005	0.598	1.63
	75	0.049	0.591	1.08
Sta.17	0	0.171	0.058	1.75
	10	0.164	0.068	1.71
	30	0.325	0.129	1.72
	50	0.476	0.234	1.68
	75	0.487	0.442	1.53
Sta.18	0	0.158	0.048	1.77
	10	0.123	0.046	1.74
	30	0.185	0.083	1.70
	50	0.308	0.129	1.71
	75	0.416	0.392	1.52
	100	0.141	0.187	1.43
Sta.19	0	0.149	0.045	1.78

Station	Depth	Chl.a	Pheo.	Acid
	m	$\mu\text{g l}^{-1}$	$\mu\text{g l}^{-1}$	Factor
Sta.20	0	0.169	0.078	1.69
	10	0.166	0.053	1.77
	30	0.141	0.045	1.77
	50	0.254	0.101	1.72
	75	0.741	0.613	1.55
	100	0.216	0.182	1.55
Sta.21	0	0.159	0.050	1.77
A VD	0	0.115	0.051	1.70
B VD	0	0.135	0.051	1.73
B VD	60	0.741	0.364	1.68
5 VD	0	0.097	0.039	1.72
5 VD	100	0.422	0.381	1.53
14 VD	0	0.148	0.051	1.75
14 VD	60	0.917	0.615	1.60
20 VD	0	0.176	0.050	1.79
20 VD	70	0.741	0.720	1.51
8月19日 16h35m	0	0.110	0.033	1.78
8月21日 10h27m	0	0.094	0.074	1.56
8月22日 14h08m	0	0.166	0.053	1.77