



神奈川県
水産技術センター

平成 25 年度

海況調査事業結果報告書

平成 27 年 3 月

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I 調査の実施状況

1 浅海・沿岸定線調査

(1) 調査船

江の島丸

全 長 33.03m

トン数 105 トン

馬 力 1,300 馬力(956KW)

速 力 13 ノット

観測機器 CTD(SEA-BIRD SBE9plus)

STD(アレック電子 ASTD1087 (9月))

(2) 調査項目

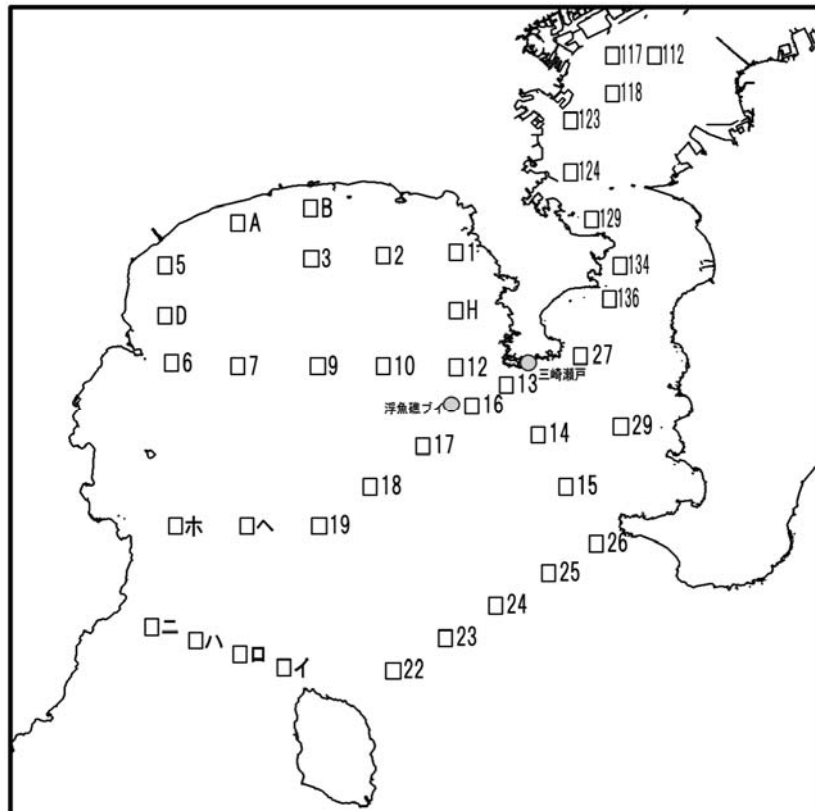
海 象：水温、塩分、溶存酸素、COD、栄養塩類、水色、透明度、
波浪、うねり

気 象：天候、気温、気圧、風向風力、

そ の 他：目視による赤潮、潮目観測

観測水深: 0, 10, 20, 30, 50, 75, 100, 150, 200, 300, 400, 500, 600m

(3) 調査測点



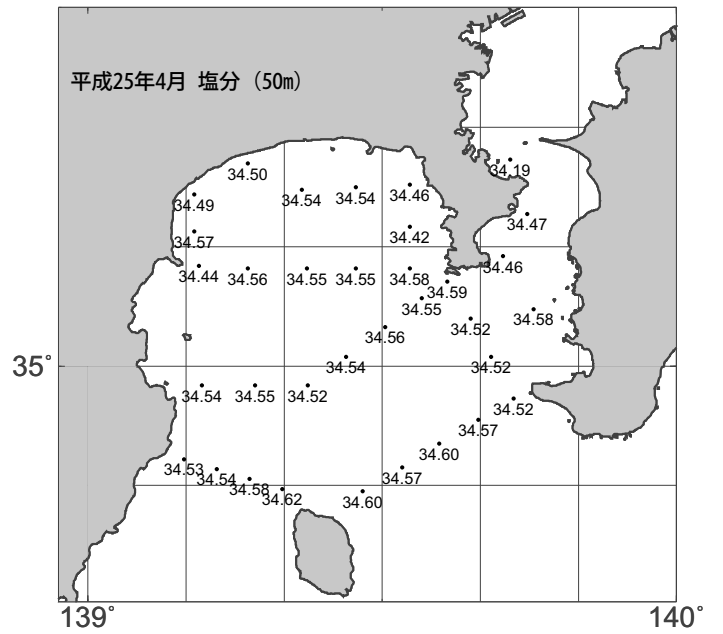
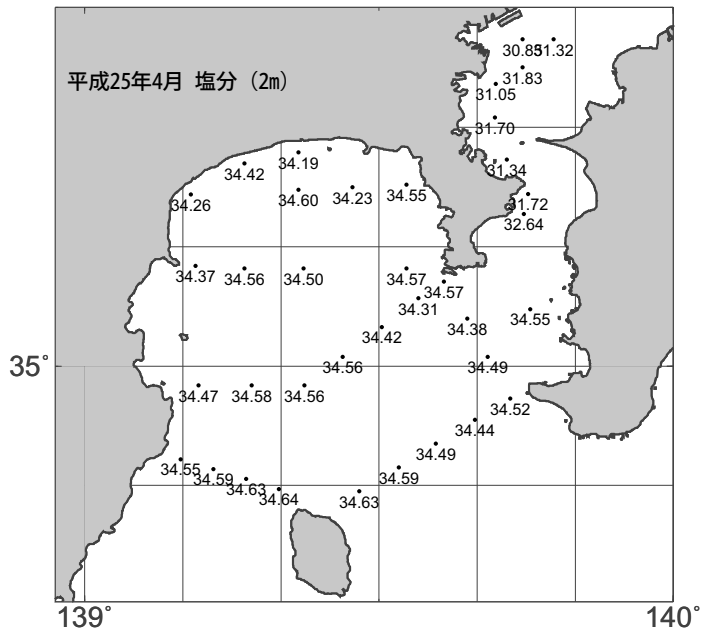
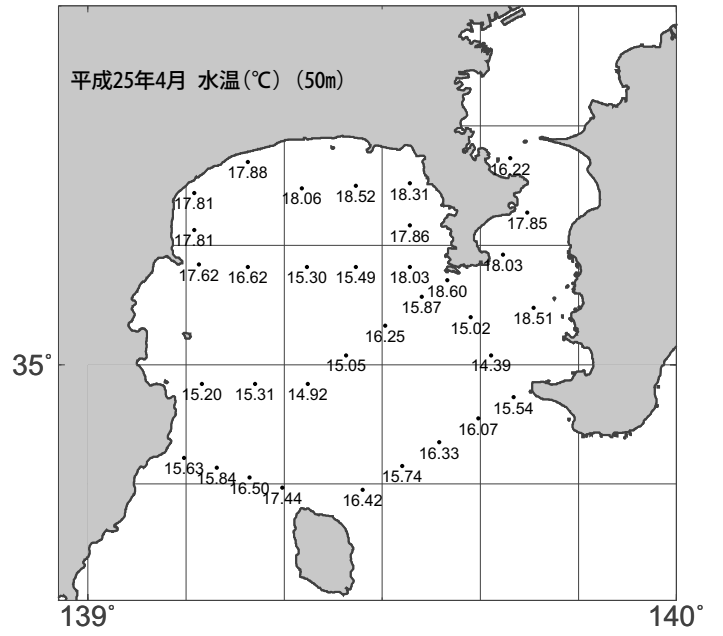
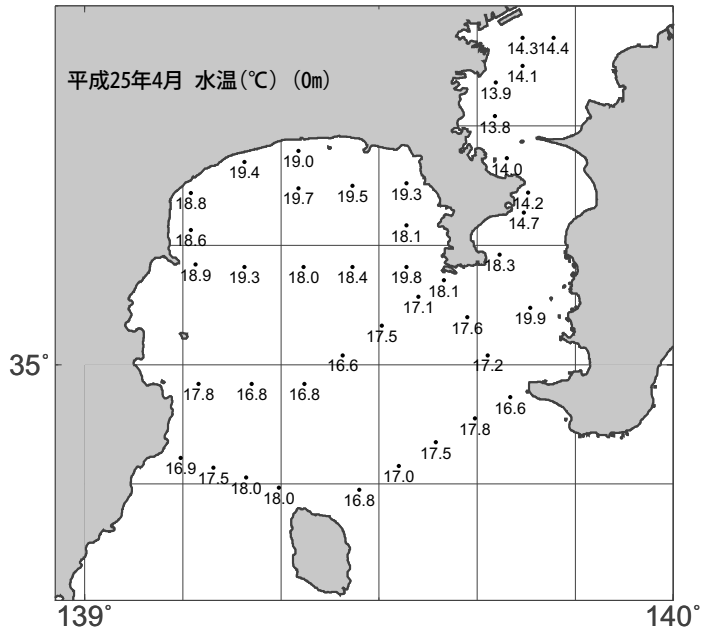
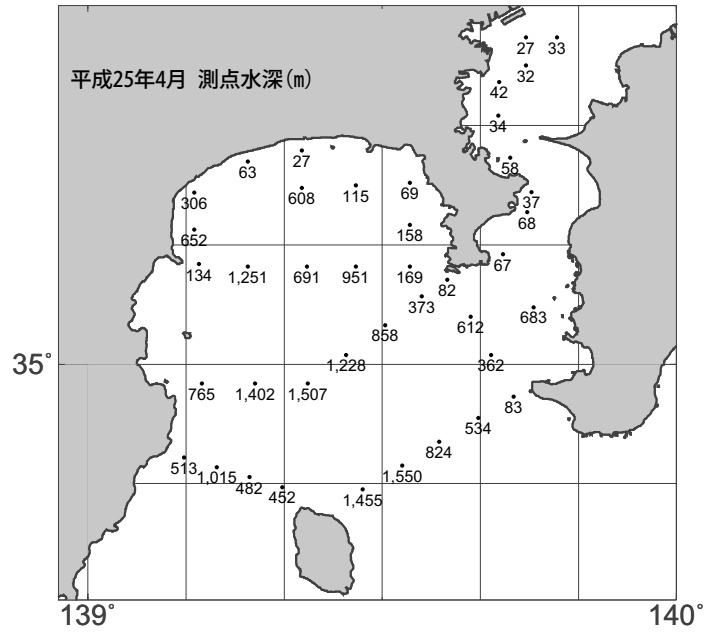
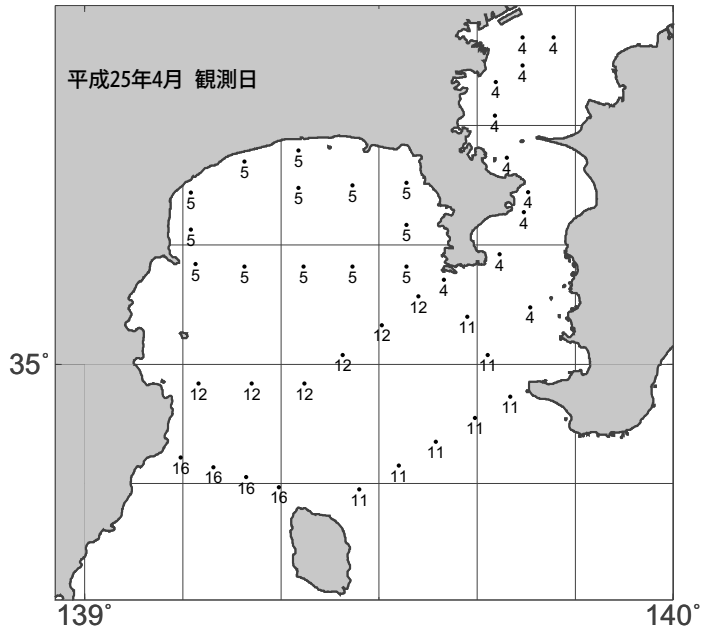
透海定線調査(平成25(2013)年4月)			沿岸定線調査(平成25(2013)年4月)																			
測点	13	27	29	112	117	118	123	124	129	134	136	1	2	3	5	6	7	9	10	12	14	
観測日																						
開始時刻																						
終了時刻																						
天気																						
気温(℃)																						
気圧(hPa)																						
風向/風力																						
透明度																						
波高																						
潮流																						
方向																						
測点水深(m)																						
水温(℃)																						
塩分																						
浮游緑藻 (mg/l)																						
COD (ppm)																						
NH ₄ -N (μM)																						
NO ₃ -N (μM)																						
PO ₄ -P (μM)																						
9:06	10:45	9:58	13:35	14:00	13:09	12:46	12:00	11:33	11:13	14:52	14:22	13:33	11:07	11:06	10:35	9:48	9:19	8:49	8:49	9:23	9:33	
9:08	10:48	10:15	13:36	14:02	13:10	12:48	12:02	11:34	11:15	14:55	14:25	13:51	11:10	11:10	10:42	10:08	9:26	8:54	8:54	9:33	9:33	
B	B	B	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	
15.3	16.1	16.4	16.4	1013.7	1013.6	1014.0	1014.0	1016.4	1016.4	1017.9	1019.1	1019.6	1019.6	1019.6	1019.6	1019.6	1019.6	1019.6	1019.7	1013.3	1013.3	
NE 2	N 2	4	3	SE 1	E 1	ENE 2	ENE 2	S 2	S 2	SSE 2	SE 1	E 2	E 2	SE 1	SE 1	E 2	E 2	NNE 2	NNE 2	NNE 2	NNE 2	
20	19	22	3.5	17	17	18	18	19	19	17	17	3	4	4	3	3	3	3	3	3	12	
W 2	SW 2	SW 2	S 1	SSW 1	SSW 1	SSW 1	SSW 1	SW 1	SW 1	SW 1	SW 1	N 1	N 1	N 1	NW 1	NW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	
W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	W 1	
82	67	683	33	27	32	42	42	34	58	37	68	69	115	608	306	134	1.251	691	951	169	612	
18.1	18.3	19.9	14.4	14.3	14.1	13.9	13.8	13.8	14.0	14.2	14.7	19.3	19.5	19.7	18.9	18.0	19.3	18.4	18.4	19.8	17.6	
18.78	18.58	19.95	12.91	12.88	12.90	12.91	13.04	13.04	12.91	14.05	14.80	19.13	18.87	19.68	18.49	18.49	19.12	19.77	18.25	18.85	17.68	
18.77	18.68	19.66	13.74	13.82	13.69	13.14	13.10	13.10	13.49	15.56	17.05	19.04	18.78	18.93	18.82	18.38	18.66	17.78	17.60	19.22	17.55	
18.76	18.68	19.33	14.30	14.30	14.67	14.67	14.45	14.45	15.13	16.03	18.27	18.56	18.90	18.90	18.90	17.92	18.90	16.19	17.19	18.76	16.84	
18.60	18.03	18.03	16.42	16.42	14.58(40m)	14.58(40m)	16.22	16.22	16.22	17.85	17.85	18.31	18.31	18.31	18.06	17.81	18.62	15.20	15.49	18.03	15.02	
15.62	15.62	15.62	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	
14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	14.84	
11.95	11.95	11.95	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	
8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	
7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	
5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	
34.57(2m)	34.41(3m)	34.55(2m)	31.32(2m)	30.85(2m)	31.83(2m)	31.05(2m)	31.70(2m)	31.70(2m)	31.34(2m)	31.72(2m)	32.64(2m)	34.55(2m)	34.23(2m)	34.60(2m)	34.26(2m)	34.37(2m)	34.56(2m)	34.52(3m)	34.52(3m)	34.57(2m)	34.38(2m)	
4.89	5.01(3m)	6.95(2m)	6.87(2m)	6.87(2m)	6.69(2m)	6.80(2m)	6.74(2m)	6.74(2m)	6.80(2m)	6.35(2m)	6.27(2m)	5.00(2m)	5.41(2m)	4.90(2m)	5.10(2m)	5.07(2m)	5.02(2m)	5.14(3m)	4.80(2m)	4.80(2m)	5.53(2m)	
4.89	4.90	4.84	6.00	5.92	6.22	5.85	5.55	5.78	5.78	5.72	5.82	5.00	5.34	4.85	5.14	5.09	5.04	5.19	5.13	4.82	5.45	
4.90	4.89	4.87	5.35	5.31	5.32	5.21	5.60	5.28	5.28	5.07	4.97	4.95	5.21	4.75	5.04	5.09	4.99	5.23	5.16	4.87	5.32	
4.90	4.89	4.80	5.16	5.16	4.87(40m)	5.21	5.18	5.28	5.07	4.99	4.97	4.93	4.81	4.81	4.81	4.81	4.83	4.98	4.82	4.82	5.02	
4.89	4.93	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	
4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	
4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	
3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	
2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	
0.67	0.67	0.67	1.94	1.71	1.76	1.95	1.79	1.79	1.10	1.55	1.46	0.74	1.04	0.69	0.69	0.59	0.50	0.59	0.48	0.66	0.98	
0.62	0.66	0.56	1.66	1.66	1.70	0.82	1.81	1.81	1.38	1.28	1.34	0.86	1.34	0.83	0.82	0.80	0.80	0.66	0.66	0.66	0.66	
0.51	0.59	0.59	0.94	0.94	0.94	0.94	0.88	0.88	0.94	0.86	0.86	0.48	0.86	0.53	0.56	0.48	0.53	0.53	0.61	0.61	0.61	
0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.48	0.48	0.45	0.45	0.45	0.45	0.50	0.50	0.50	0.50	
0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	
0.42	0.42	0.42	6.70	6.07	1.85	2.71	2.49	2.49	0.83	1.41	0.67	0.35	0.33	1.87	0.82	0.82	0.34	1.62	1.96	0.28	0.70	
0.29	0.38	0.24	3.57	3.26	2.86	2.51	2.51	2.51	2.12	1.80	1.90	1.72	0.31	0.73	0.37	0.37	0.36	0.36	0.60	0.60	0.60	
0.34	0.38	0.33	3.26	3.26	2.22	2.45	2.45	2.45	2.52	1.49	0.53	0.53	0.48	0.59	0.45	0.45	0.62	0.62	0.34	0.34	0.34	
0.44	0.75	0.45	10.74	10.74	2.76(40m)	2.76(40m)	1.33	1.33	1.33	1.49	0.82	0.53	0.53	0.55	0.74	1.22	1.98	1.88	0.87	0.87	0.87	
0.18	0.18	0.18	2.25	2.30	1.77	2.17	1.97	1.66	1.66	1.62	1.30	0.14	0.28	0.23	0.17	0.15	0.11	0.12	0.11	0.16	0.15	
0.14	0.17	0.09	1.97	1.97	1.85	1.85	1.63	1.63	1.19	1.19	1.04	0.13	0.28	0.13	0.13	0.13	0.12	0.12	0.13	0.13	0.13	
0.13	0.14	0.11	0.99	0.99	0.87	1.02	1.02	1.02	0.76	0.68	0.23	0.19	0.18	0.18	0.18	0.16	0.16	0.19	0.19	0.12	0.12	
0.13	0.13	0.13	0.13	0.13	0.88(40m)	0.88(40m)	0.50	0.50	0.50	0.68	0.23	0.19	0.18	0.18	0.18	0.18	0.33	0.33	0.16	0.16	0.16	
0.07	0.07	0.07	155.18	155.18	102.96	140.91	121.92	115.52	110.32	79.14	9.57	16.42	8.27	18.32	15.43	7.34	7.97	8.19	11.73	6.15	6.15	
11.31	15.36	6.78	149.20	149.20	102.96	140.91	121.92	115.52	110.32	79.14	9.57	16.42	8.27	18.32	15.43	7.34	7.97	8.19	11.73	6.15	6.15	
11.24	13.90	6.52	121.01	121.01	108.52	108.52	96.70	94.24	79.55	65.10	9.15	9.50	9.50	16.00	12.80	8.24	8.24	8.24	8.88	8.88	8.88	
11.27	11.97	10.85	57.66	57.66	51.91	51.91	60.86	43.26	46.87	14.30	11.51	14.10	14.10	14.80	12.71	16.83	16.83	16.83	16.22	16.22	16.22	
11.00	13.94	16.69	23.48	23.48	51.45(40m)	51.45(40m)	33.49	33.49	16.51	14.75	14.75	14.44	14.44	14.03	14.63	19.34	19.34	19.34	16.22	16.22	16.22	
0.20	0.15	0.67	0.69	0.69	0.45	0.45	0.34	0.34	0.23	0.29	0.20	0.13	0.13	0.24	0.24	0.25	0.25	0.44	0.44	0.17	0.17	
0.24	0.22	0.15	0.44	0.44	0.42	0.42	0.34	0.34	0.29	0.33	0.27	0.21	0.21	0.16	0.27	0.21	0.17	0.17	0.18	0.18	0.18	
0.23	0.21	0.21	0.43	0.43	0.39	0.39	0.40	0.40	0.29	0.30	0.23	0.18	0.18	0.23	0.22	0.23	0.28	0.28	0.28	0.31	0.31	
0.20	0.23	0.27	0.27	0.27	0.47(40m)	0.47(40m)	0.34	0.34	0.34	0.24	0.22	0.22	0.22	0.22	0.22	0.24	0.24	0.37	0.37	0.31	0.31	
0.43	0.43	1.11	1.11	1.11	0.41	0.41	1.16	1.16	1.16	0.24	0.16	0.16	0.16	0.41	0.41	0.70	0.70	1.38	1.38	0.70	0.70	

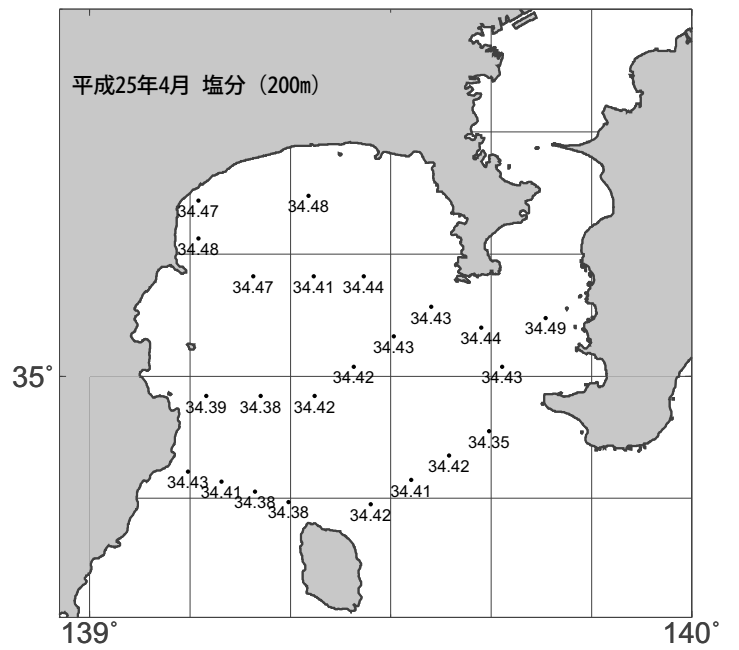
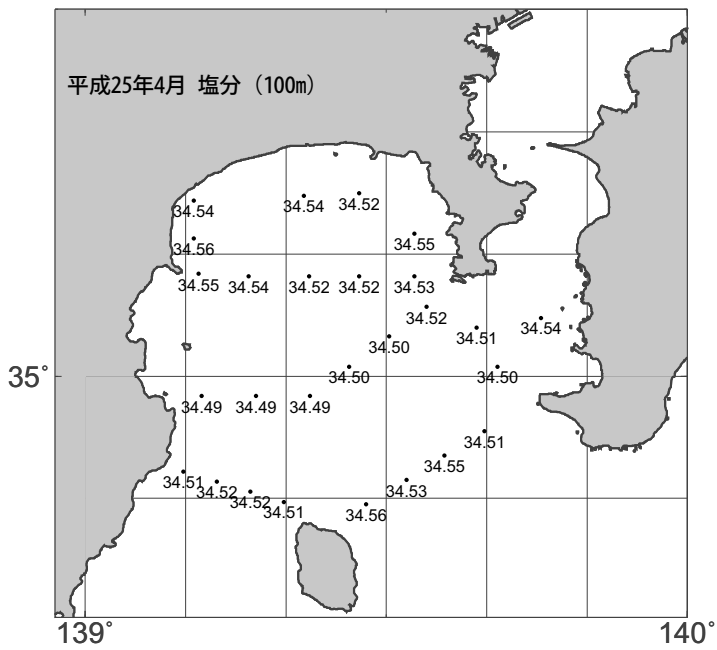
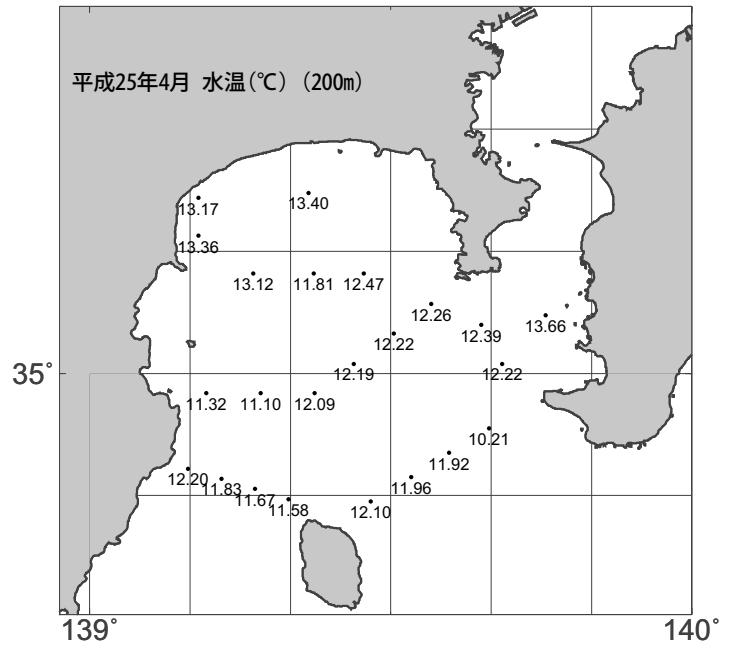
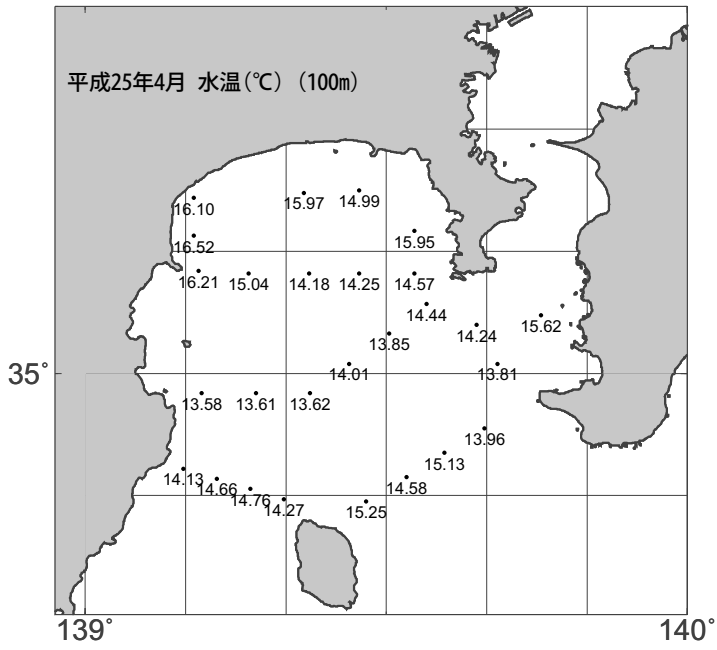
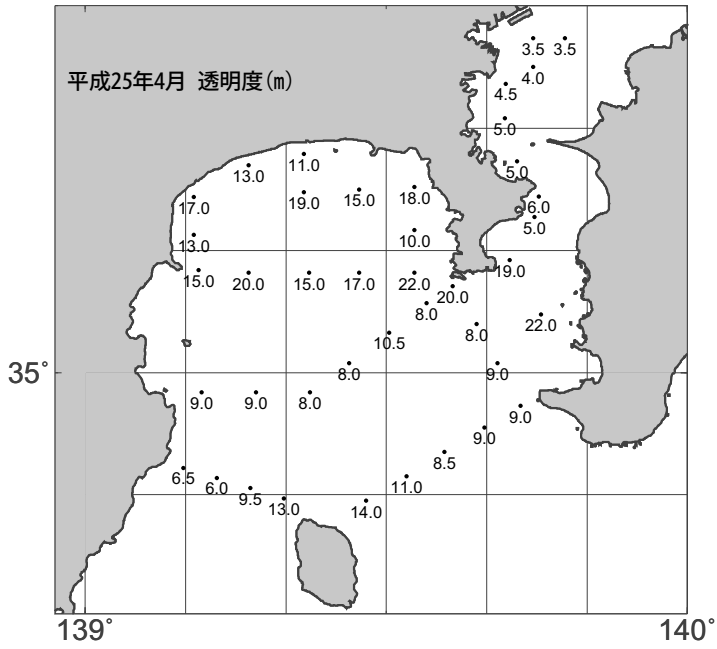
***は検出限界以下を示す

沿岸定線調査(平成25(2013)年4月)

測点	15		16		17		18		19		22		23		24		25		26		A		B		D		H		I		ロ		ハ		ニ		ホ		へ									
	観測日	9:54	8:51	9:24	9:59	10:33	12:27	11:54	11:23	10:52	10:28	10:30	11:31	11:00	10:30	12:36	13:09	11:30	11:37	13:10	15:20	15:25	10:48	11:20	11:48	12:14	11:59	11:21	11:21	11:55	12:21	12:07	11:59	11:28	12:14	12:07	11:59	11:21										
観測時刻	10:02	9:32	10:06	10:51	11:54	12:02	11:54	11:23	10:52	10:28	10:30	11:31	11:00	10:30	12:36	13:09	11:30	11:37	13:10	15:20	15:25	10:48	11:20	11:48	12:14	11:59	11:21	11:21	11:55	12:21	12:07	11:59	11:28	12:14	12:07	11:59	11:21	11:21	11:55	12:21	12:07	11:59	11:21					
天気	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC			
気温(℃)	10.8	11.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5				
気圧(hPa)	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5			
風向(風力)	ESE 2	SSW 1	WSW 4	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1	SSW 1				
透明度	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
波高	SW 2	SW 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2			
測点水深(m)	362	373	858	1,223	1,507	1,455	1,550	824	534	83	63	27	19	16.6	19.4	29	652	482	452	158	18.1	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0			
水温(℃)	17.2	17.1	17.5	16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8			
塩分	34.49(2m)	34.31(2m)	34.42(2m)	34.56(2m)	34.56(2m)	34.63(2m)	34.59(2m)	34.49(2m)	34.44(2m)	34.52(2m)	34.42(2m)	34.59(2m)	34.52(2m)	34.44(2m)	34.42(2m)	34.19(2m)	34.35(2m)	34.63(2m)	34.64(2m)	34.05(2m)	34.29	34.11	34.64	34.57	34.59	34.49	34.57	34.58	34.59	34.59(2m)	34.55(2m)	34.47(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)	34.55(2m)
溶解酸素(ml/l)	5.47(2m)	5.62(2m)	5.49(2m)	5.49(2m)	5.71(2m)	4.85(2m)	5.26(2m)	5.55(2m)	5.71(2m)	5.39(2m)	5.03(2m)	5.15(2m)	5.32(2m)	5.71(2m)	5.39(2m)	5.10(2m)	5.10(2m)	5.08(2m)	5.39(2m)	5.32(2m)	5.16	5.32	5.09	5.48	5.77	5.57	5.77	5.89(2m)	5.89(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	5.94(2m)	
COD(ppm)	0m	0.82	1.02	0.67	0.69	0.85	0.45	0.56	1.02	0.77	0.51	0.62	0.77	0.51	0.46	0.51	0.62	0.62	0.62	1.07	0.62	0.69	0.70	0.91	0.90	0.87																						
NH ₄ -N(μM)	0m	0.45	0.30	0.24	0.51	0.56	0.21	0.39	0.81	0.30	0.44	0.56	0.31	0.44	0.29	0.44	0.56	0.56	1.32	0.44	0.56	0.69	0.70	0.91	0.90	0.87																						
NO ₃ -N(μM)	0m	0.13	0.17	0.11	0.09	0.10	0.19	0.14	0.09	0.08	0.15	0.22	0.17	0.15	0.16	0.15	0.22	0.22	0.44	0.15	0.44	0.69	0.70	0.91	0.90	0.87																						
NO ₃ -N(μM)	10m	7.47	7.16	4.71	8.08	4.87	27.47	15.82	4.28	2.87	11.08	37.62	11.08	14.88	13.86	14.88	37.62	37.62	25.99	9.61	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01		
PO ₄ -P(μM)	0m	0.20	0.14	0.10	0.19	0.15	0.37	0.28	0.14	0.10	0.17	0.21	0.17	0.21	0.24	0.21	0.21	0.21	0.44	0.15	0.44	0.69	0.70	0.91	0.90	0.87																						

***は検出限界以下を示す



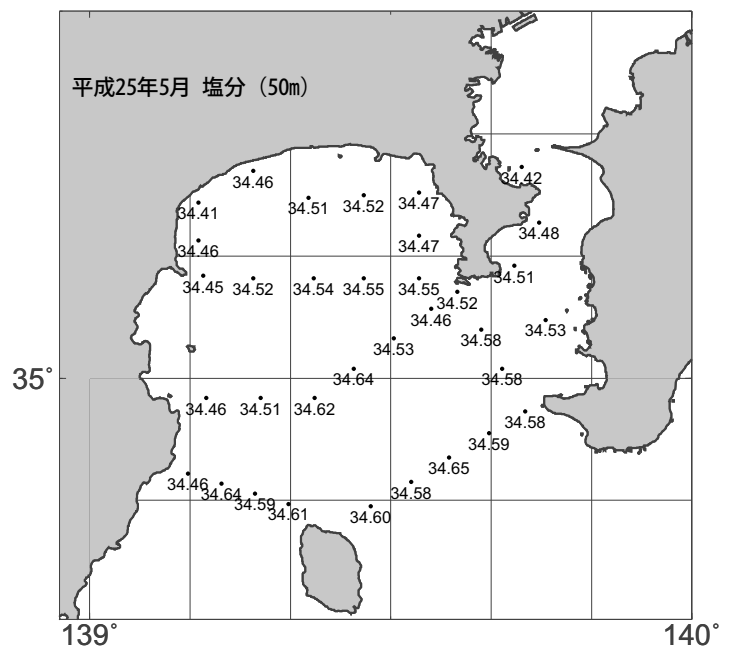
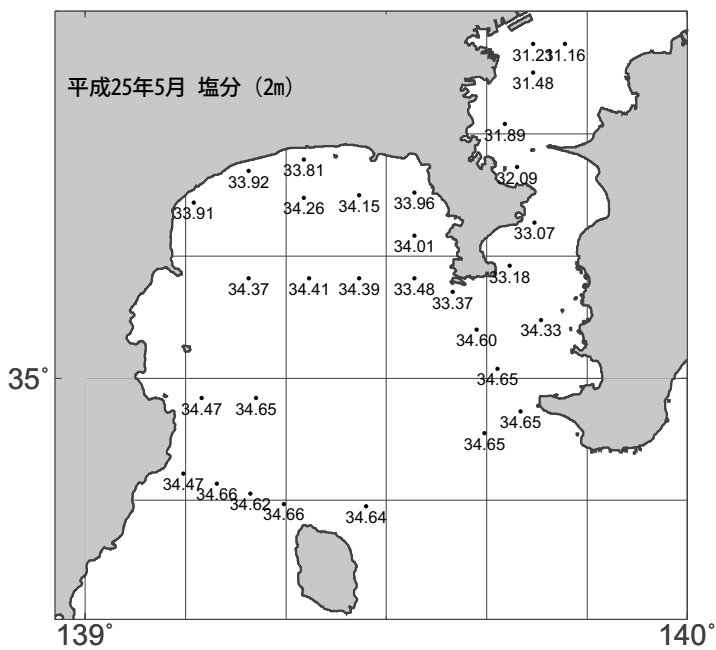
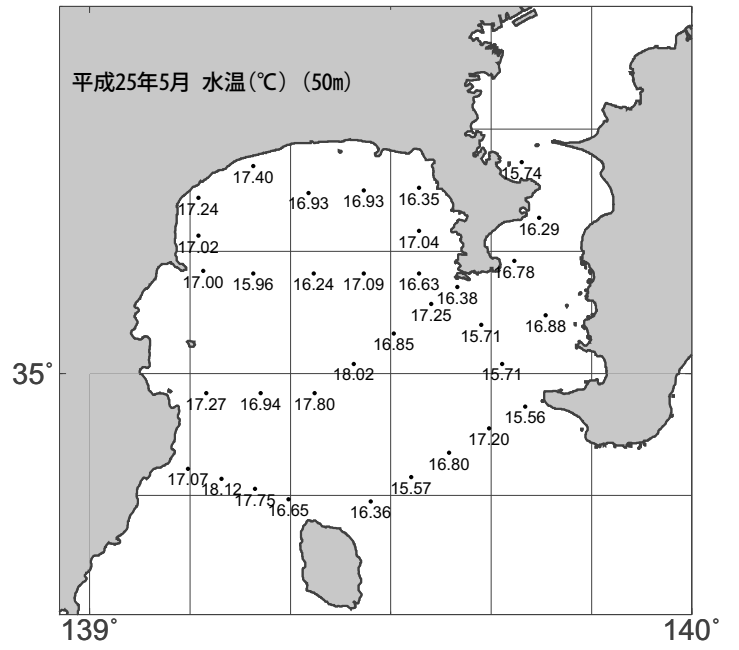
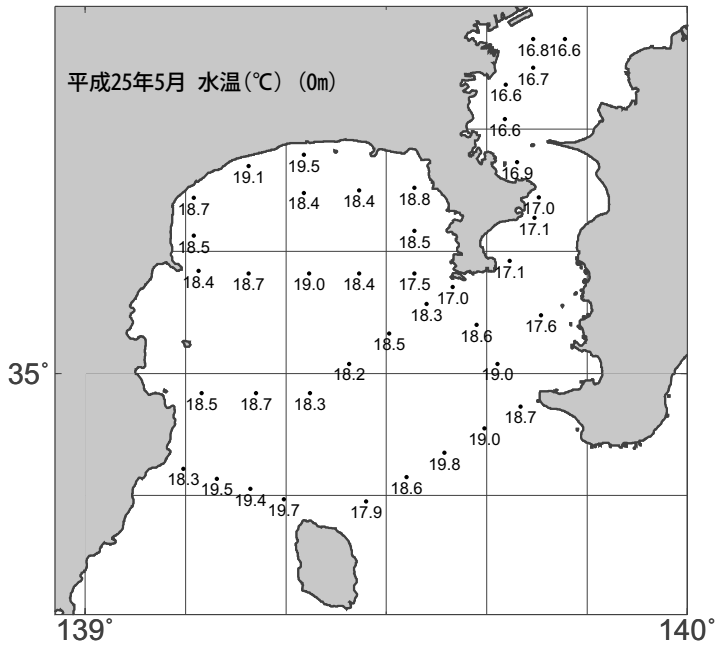
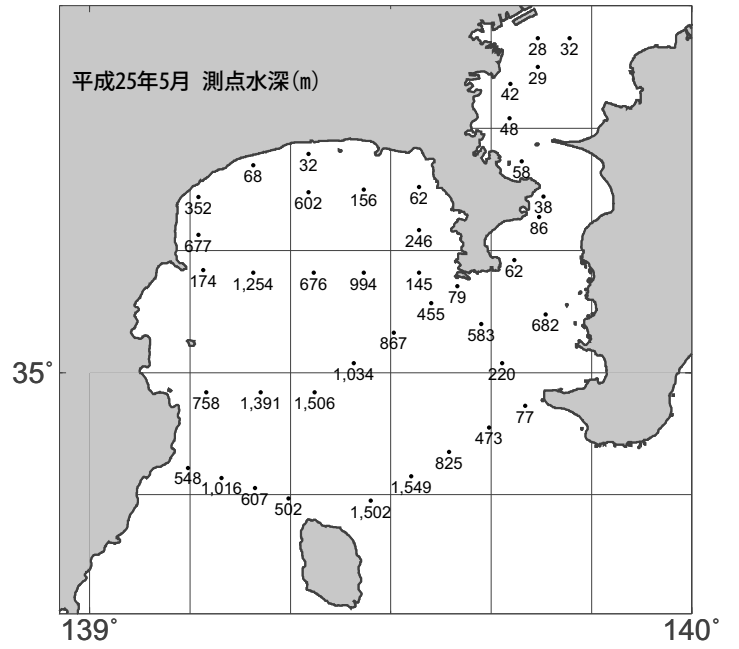
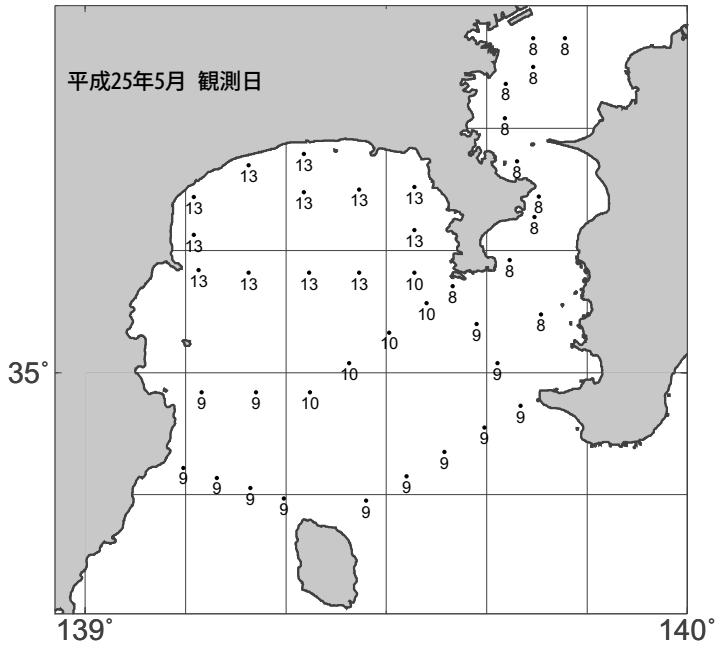


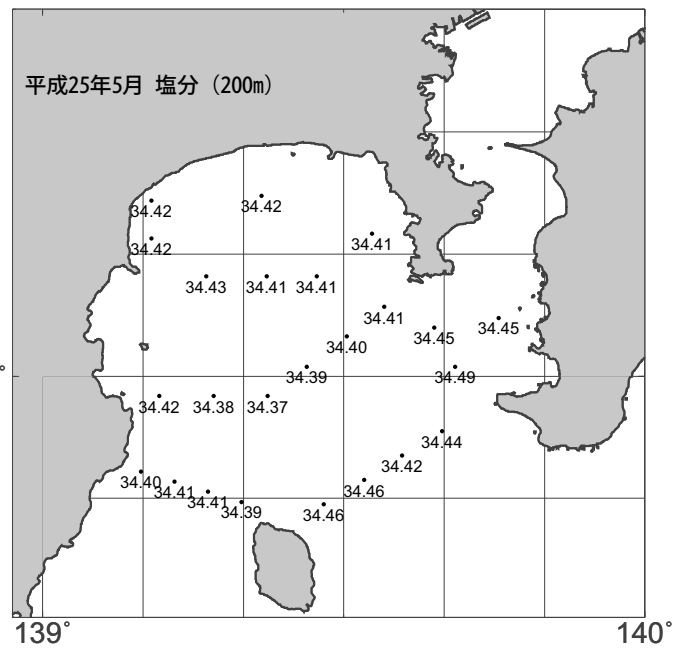
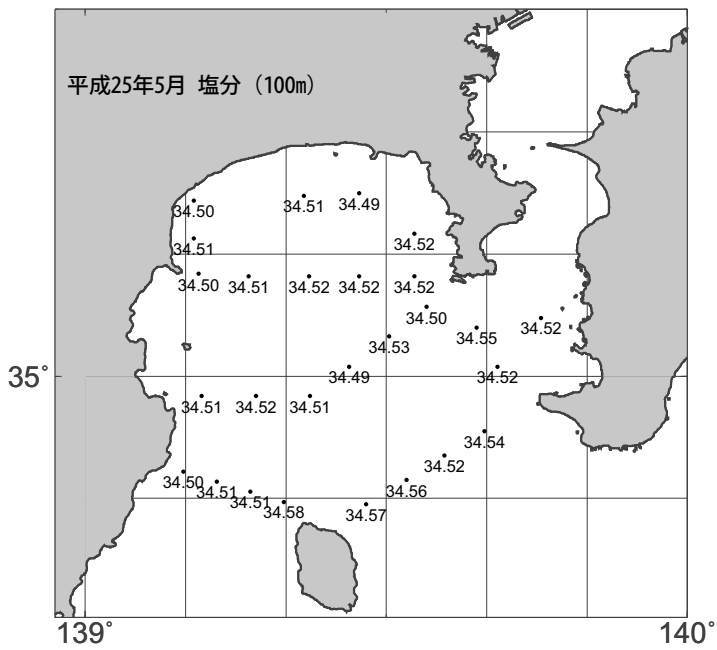
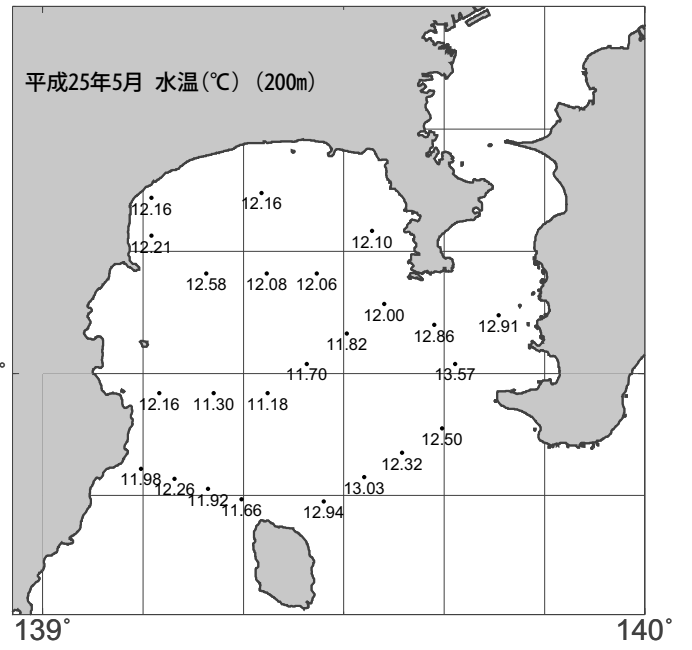
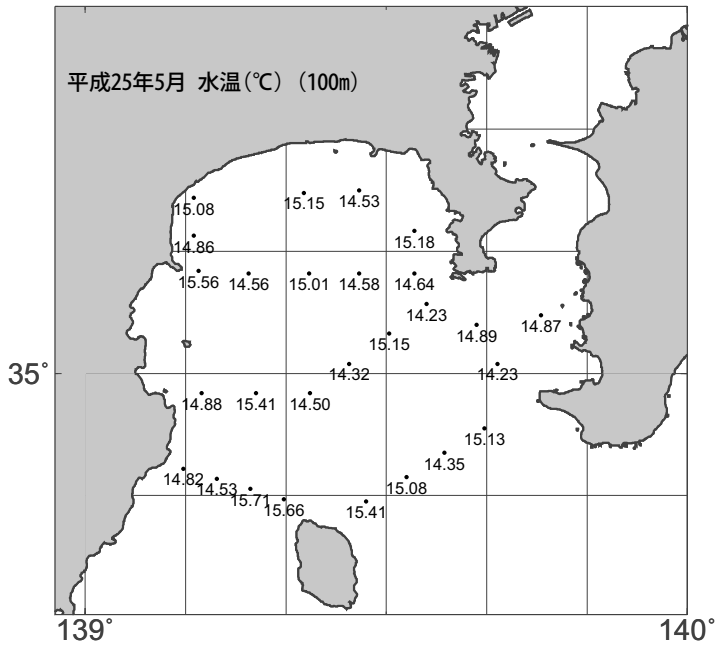
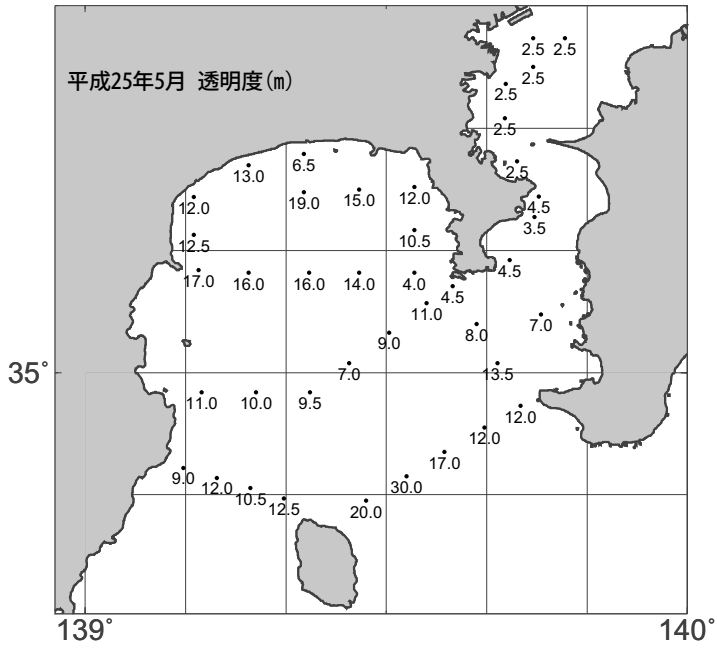
測点	浅海定線調査(平成25(2013)年5月)														沿岸定線調査(平成25(2013)年5月)													
	13	27	29	112	117	118	123	124	129	134	136	1	2	3	5	6	7	9	10	12	14							
観測日	13.06																											
開始時刻	13:07																											
終了時刻	13:27																											
天気	BC																											
気温(°C)	15.5																											
風速(m/s)	10.1																											
風向(°)	101.3																											
透明度	2.5																											
波高	0.2																											
潮流	N1																											
測点水深(m)	682																											
水温(°C)	17.0	17.1	17.6	16.6	16.8	16.7	16.6	16.6	16.9	17.0	17.1	18.8	18.4	18.4	18.7	18.7	18.9	19.0	18.4	17.5	18.6							
塩分	33.37(2m)	33.18(2m)	34.33(2m)	31.16(2m)	31.21(2m)	31.48(2m)	31.55(3m)	31.88(2m)	32.08(2m)	33.55(3m)	33.07(2m)	33.96(2m)	34.15(2m)	34.26(2m)	33.91(2m)	34.17(3m)	34.37(2m)	34.41(2m)	34.39(2m)	33.48(2m)	34.60(2m)							
浮游緑藻(m ³ /l)	6.66(2m)	6.67(2m)	5.68(2m)	7.85(2m)	8.21(2m)	7.72(2m)	7.88(3m)	6.60(2m)	6.28(2m)	5.48(3m)	6.11(2m)	5.59(2m)	5.36(2m)	5.32(2m)	5.58(2m)	5.37(2m)	5.30(2m)	5.41(2m)	5.42(2m)	6.35(2m)	5.08(2m)							
COD(ppm)	1.63	2.10	0.85	3.71	3.31	3.04	3.06	2.54	3.06	1.76	1.70	1.25	1.12	0.93	1.09	1.04	0.72	0.80	1.76	0.70								
NH ₄ -N(μM)	0.82	2.71	0.56	2.90	2.23	1.85	2.46	3.18	2.98	3.05	3.36	3.36	5.26	2.93	5.51	3.65	4.03	2.72	2.29	10.48								
NO ₃ -N(μM)	0.03	0.30	0.30	1.34	1.61	1.33	1.47	1.19	1.22	0.64	0.62	0.03	0.09	0.04	0.08	0.05	0.04	0.06	0.32	0.06								
NO ₂ -N(μM)	1.86	5.13	1.61	1.61	1.61	1.24	1.24	1.18	1.05	0.55	0.57	0.03	0.05	0.05	0.05	0.06	0.07	0.07	0.07	2.29								
PO ₄ -P(μM)	0.37	0.43	0.34	0.80	0.77	0.77	1.43	0.78	0.54	0.43	0.31	0.16	0.16	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14							
NO ₃ -N(μM)	2.98	1.92	10.90	14.05	14.05	9.80	10.41	8.26	9.31	5.39	6.16	***	***	***	1.51	***	***	***	***	1.35	2.29							
NO ₂ -N(μM)	1.78	3.00	1.21	7.72	7.72	12.95	8.31	8.70	7.08	6.82	5.46	***	***	***	1.27	***	***	***	***	2.29	2.29							
PO ₄ -P(μM)	19.69	9.34	13.88	26.33	26.33	8.12(40m)	8.15(40m)	11.79	8.15(40m)	8.90	11.91	7.97	4.92	6.06	3.04	4.92	4.92	4.92	4.92	10.57	10.57							
PO ₄ -P(μM)	0.20	0.16	0.12	0.56	0.51	0.36	0.44	0.36	0.42	0.26	0.24	0.05	0.26	0.10	0.17	0.11	0.11	0.11	0.16	0.13	0.31							
NO ₃ -N(μM)	0.15	0.22	0.11	0.58	0.51	0.36	0.39	0.43	0.36	0.36	0.26	0.06	0.06	0.07	0.11	0.11	0.11	0.11	0.13	0.27	0.27							
NO ₂ -N(μM)	0.16	0.19	0.14	0.62	0.55	0.33	0.53	0.55	0.51	0.44	0.33	0.17	0.08	0.06	0.06	0.08	0.08	0.08	0.12	0.15	0.15							
PO ₄ -P(μM)	0.37	0.40	0.39	0.39	0.39	0.39	0.55(40m)	0.55(40m)	0.63	0.60	0.60	0.48	0.48	0.36	0.26	0.27	0.27	0.27	0.38	0.60	0.60							
NO ₃ -N(μM)	1.29	1.29	1.29	1.29	1.29	1.39	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43							

***は検出限界以下を示す

沿岸定線調査(平成25(2013)年5月)

測点	2013年5月																			
	15	16	17	18	19	22	23	24	25	26	A	B	D	H	I	口	八	二	ホ	へ
観測日																				
開始時刻	9:24	8:14	7:43	7:09	6:19	12:11	11:35	10:57	10:20	9:55	11:46	11:13	12:52	9:05	13:13	13:49	14:17	14:46	16:19	15:41
終了時刻	9:31	8:21	7:50	7:16	6:41	12:29	11:43	11:05	10:28	9:57	11:48	11:15	13:00	9:11	13:24	13:56	14:25	14:54	16:26	15:49
天気	BC BC BC BC BC																			
気温(°C)	17.0 17.1 18.7 17.7 17.1 17.1 18.9 1014.8 1013.5 19.3 18.8																			
気圧(hPa)	1009.8 1009.8 1014.9 1014.9 1016.4 1016.4 1014.8 1013.5 1012.4 1011.9																			
風向	MNE 2 N 2 E 2 SSE 2 SSE 2 S 2 S 2 S 2																			
風速	7 7 7 7 5 5 2 2 3 3 4 4 4 4 6 6 3 3 4 4 4																			
透明度	13.5 11 9 9.5 20 30 2 2 2 2 2 12 12 12 13 6.5 12.5 10.5 11 11 10																			
波高	S 1 S 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 2 N 2																			
波周期	S 1 S 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 2 N 2																			
測点水深(m)	220 455 867 1,034 1,034 1,506 1,502 1,502 1,502 1,502 1,502 1,502 1,502 1,502 1,502 1,502 1,502 1,502 1,502 1,502																			
水温(°C)	19.0 18.3 18.5 18.2 18.3 18.3 17.9 18.6 19.8 19.8 18.7 19.1 19.5 18.5 19.7 19.4 19.5 19.5 18.3 18.5																			
塩分	34.65(2m) 34.11(3m) 34.58(3m) 34.52(3m) 34.65(3m) 34.64(2m) 34.62(2m) 34.62(3m) 34.65(2m) 34.65(2m) 34.65(2m) 34.65(2m) 34.65(2m) 34.65(2m) 34.65(2m) 34.65(2m) 34.65(2m) 34.65(2m) 34.65(2m) 34.65(2m) 34.65(2m)																			
溶解酸素(ml/l)	5.06(2m) 6.06(3m) 5.17(3m) 5.25(3m) 5.00(3m) 4.55(2m) 4.43(3m) 4.83(3m) 4.91(2m) 4.99(2m) 4.99(2m) 5.29(2m) 5.41(2m) 5.50(3m) 5.43(2m) 4.97(2m) 5.14(2m) 5.07(2m) 5.61(2m) 5.64(2m) 5.14(2m)																			
COD(ppm)	0.64 1.87 0.75 1.42 0.71 0.50 0.66 0.51 0.53 0.77 0.78 0.79 0.61 1.34 0.77 0.78 0.61 1.34 0.77 0.78 0.61																			
NH ₄ -N(μM)	1.83 5.07 2.61 3.39 3.39 1.58 1.35 1.63 1.42 1.78 1.39 7.18 4.89 7.00 1.63 1.71 1.63 3.02 2.38 4.29 3.06																			
NO ₂ -N(μM)	0.04 0.04 0.03 0.03 0.03 0.06 0.03 0.03 0.06 0.06 0.06 0.05 0.11 0.15 0.08 0.12 0.04 0.04 0.04 0.04 0.04																			
NO ₃ -N(μM)	1.45 1.15																			
PO ₄ -P(μM)	0.15 0.16 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13																			



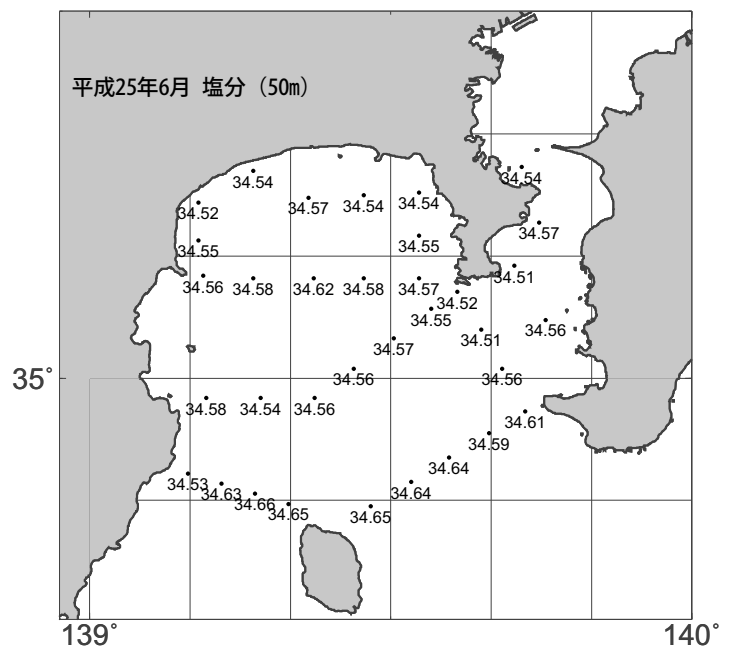
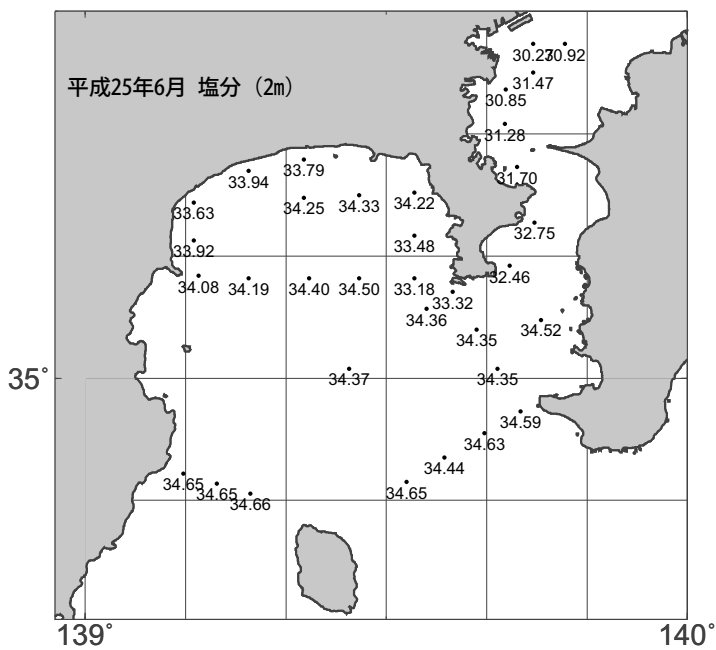
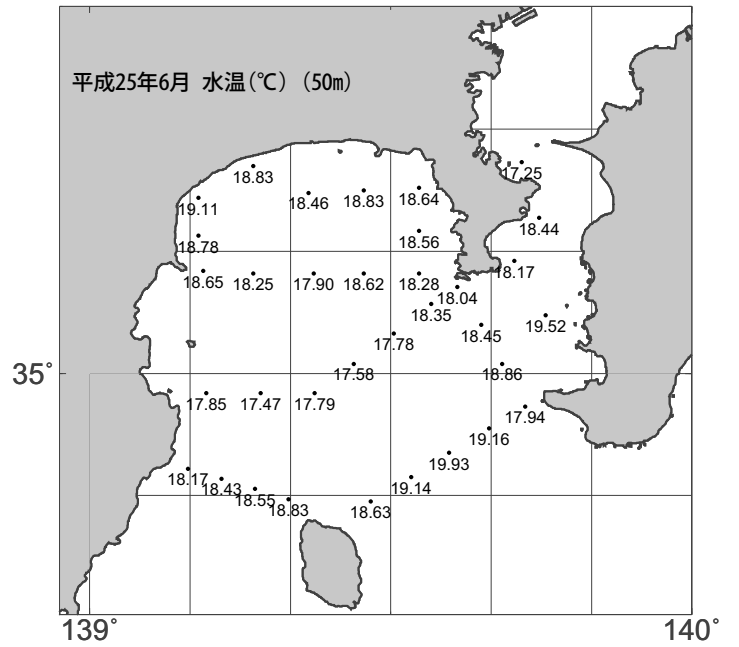
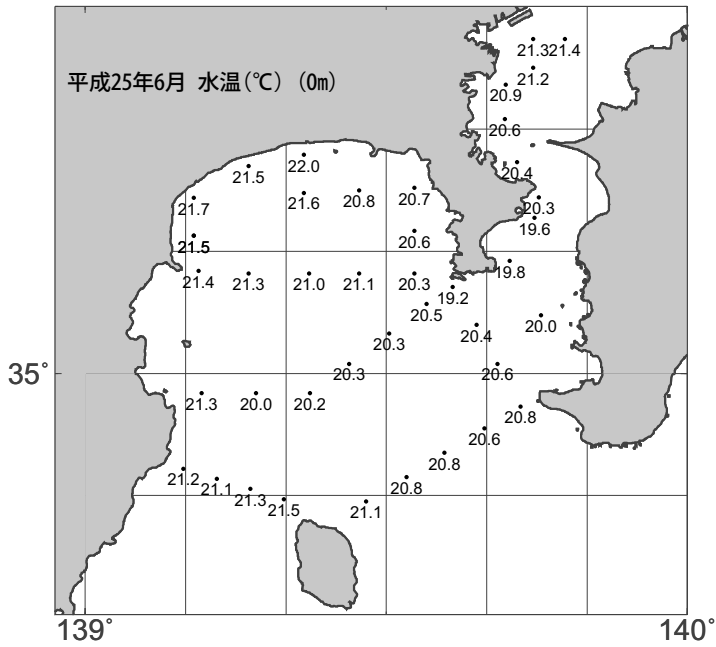
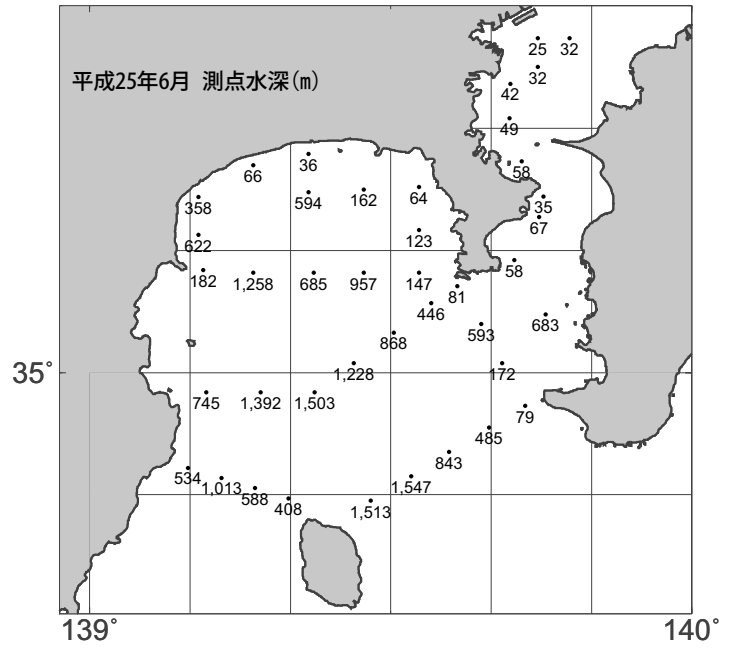
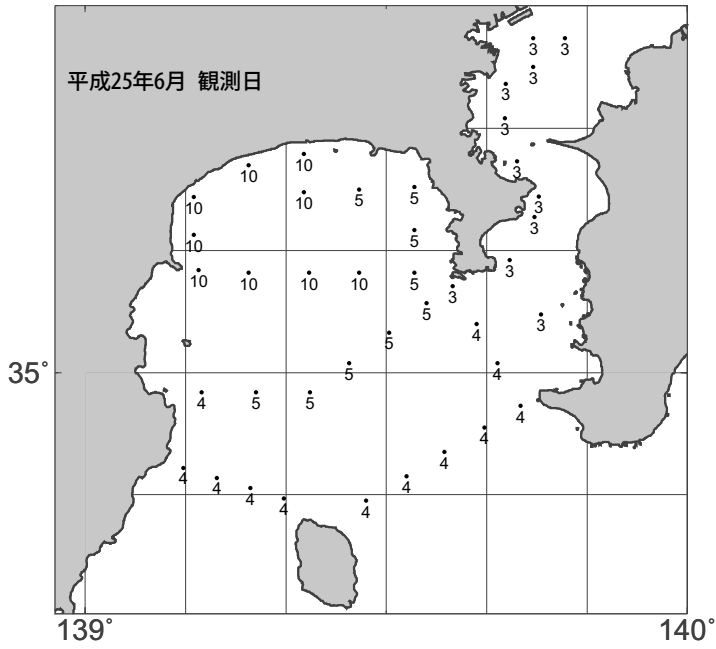


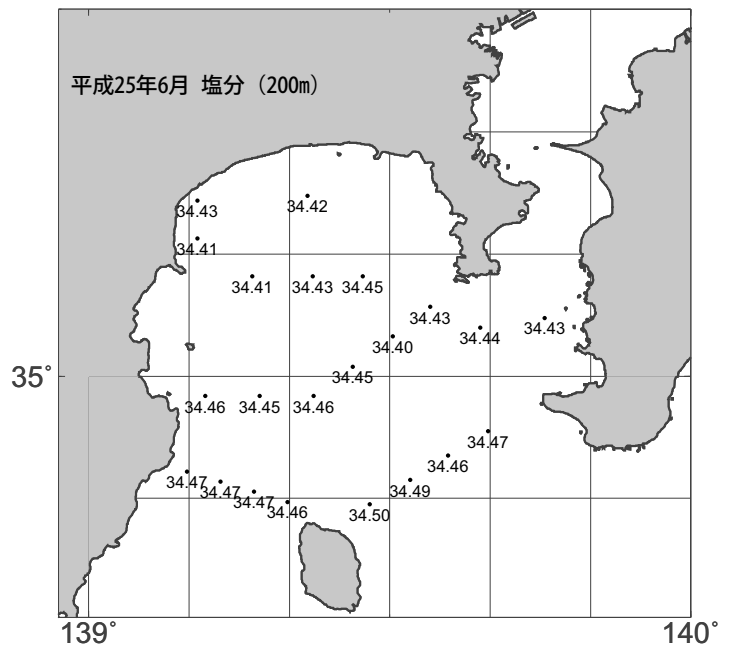
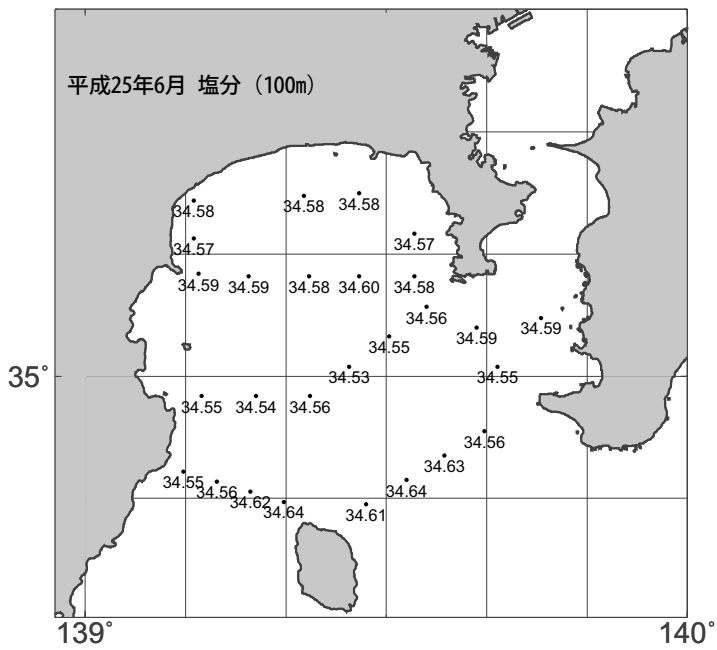
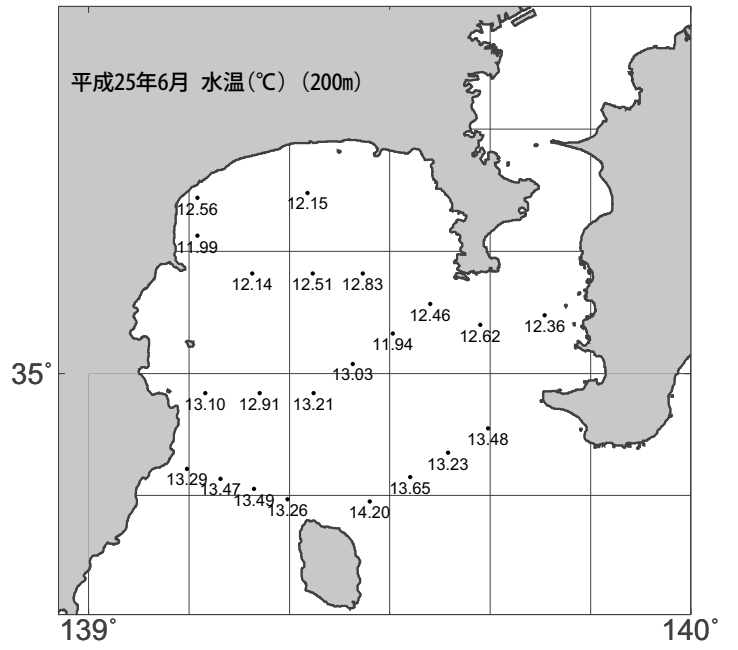
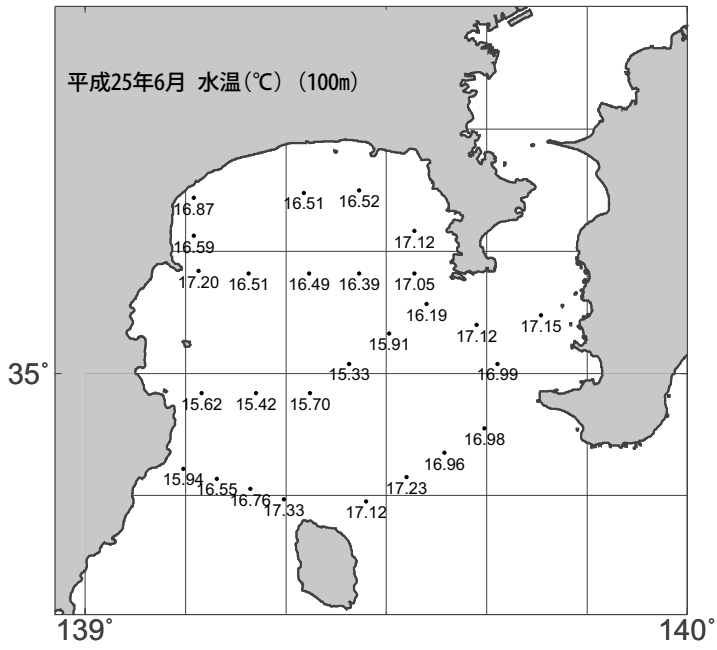
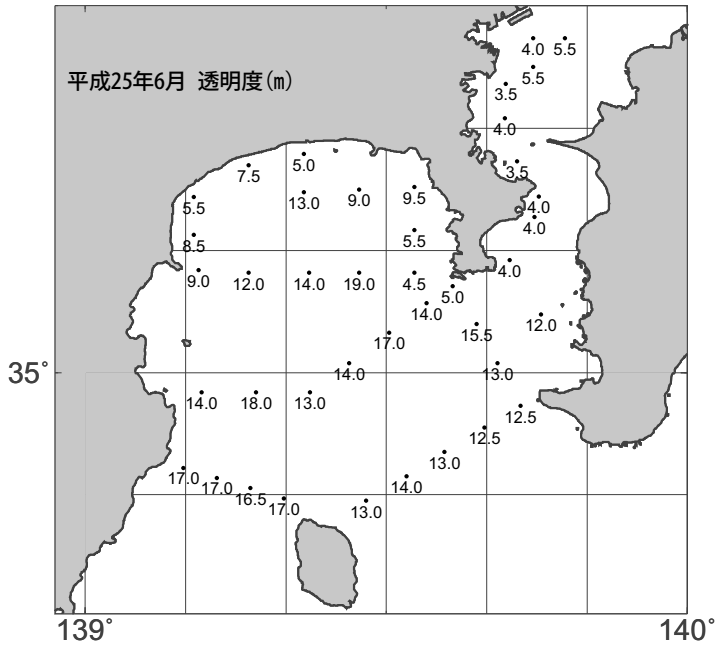
測点	浅海定観調査 (平成25(2013)年6月)												沿岸定観調査 (平成25(2013)年6月)											
	13	27	29	112	117	118	123	124	129	134	136	1	2	3	5	6	7	10	10	10	10	12	14	
観測日																								
開始時刻	8:56	10:41	9:47	13:38	14:01	13:13	12:47	12:25	11:59	11:33	10:03	10:34	13:51	12:17	11:27	10:52	10:00	9:24	9:10	9:11				
終了時刻	8:58	10:43	10:07	13:40	14:02	13:14	12:50	12:27	12:02	11:34	10:05	10:38	14:09	12:25	11:32	10:59	10:19	9:19	9:15	9:19				
天気	C	C	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	0		C	C	C	BC	BC	BC				
気温 (℃)	15.5	16.3	19.3	19.7	19.7	18.0	18.0	19.3	17.6	17.6	20.6	20.0	20.0	20.4	20.4	20.4	19.8	20.1	20.1	20.1				
気圧 (hPa)	1011.4	1011.4	1010.7	1010.5	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1019.4	1011.7	1019.4	1012.3	1012.3	1012.3	1012.0	1012.0	1012.0	1012.0				
風向/風力	MNE 1	MNE 1	SE 2	S 2	S 2	MNE 1	MNE 1	MNE 1	MNE 1	MNE 1	SSW 4	SSW 2	SSW 4	SSW 4	SSW 3	SSW 3	SSW 2	SSW 2	SSW 2	SSW 2				
水色	5	12	3	11	12	11	13	13	4	4	5	5	5	6	5	5	3	3	3	3				
透明度	SW 1	S 1	SE 1	SE 1	E 1	E 1	SE 1	SE 1	S 1	S 1	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2	NE 2				
波高																								
波ねり																								
測点水深 (m)	81	58	683	32	25	32	42	49	58	35	67	64	21.6	594	182	1.258	957	147	147	593				
水温 (℃)	19.2	19.8	20.0	21.4	21.3	21.2	20.9	20.6	20.4	20.3	19.6	20.7	20.8	21.6	21.4	21.3	21.0	21.1	20.7	20.4				
0m	19.54	19.32	19.89	20.24	20.04	20.20	19.57	19.46	19.13	19.39	19.38	20.54	20.49	20.84	20.92	20.78	20.10	20.98	20.97					
10m	19.95	19.17	19.89	18.00	17.85	18.02	18.01	18.42	18.77	19.10	19.02	20.37	20.30	20.97	20.27	20.26	20.78	20.64	20.64					
20m	19.95	18.17	19.89	17.61		17.85	17.45	18.15	17.97	17.97	18.71	20.02	20.11	18.94	18.64	18.26	19.26	20.95	19.88					
30m	18.04	18.17	17.82			17.32(40m)	17.43(40m)	17.25			18.44	18.04	18.33	18.46	18.11	18.65	18.55	17.90	18.62					
50m			17.52										17.90	17.73	18.19	17.80	17.82	17.10	17.97					
70m			17.15										16.52	16.51	16.87	17.20	16.91	16.49	16.59					
100m			14.66										14.47	13.57	14.85	14.71	13.95	14.06	14.58					
150m			12.36										12.15	12.56	12.51	12.51	12.83	12.83	12.62					
200m			11.03										10.58	10.88	11.32	10.74	11.15	11.05	11.05					
300m			10.07										9.72	9.72	9.72	9.72	9.72	9.72	9.72					
400m			8.10										8.17	8.17	8.17	8.17	8.17	8.17	8.17					
500m			7.10										6.55	6.55	6.55	6.55	6.55	6.55	6.55					
600m			5.68										34.27	34.27	34.27	34.27	34.27	34.27	34.27					
塩分	33.32(2m)	32.46(2m)	34.52(2m)	30.92(2m)	30.27(2m)	31.47(2m)	30.85(2m)	31.28(2m)	31.70(2m)	32.56(3m)	32.75(2m)	34.22(2m)	34.33(2m)	34.25(2m)	33.63(2m)	34.08(2m)	34.19(2m)	34.40(2m)	34.50(2m)	33.18(2m)	34.35(2m)			
0m	33.97	33.03	34.52	31.30	31.47	31.61	32.08	32.31	32.71	33.01	33.00	34.21	34.35	34.44	34.20	34.11	34.30	34.45	34.51					
10m	5.22	5.23	5.19	4.53	4.52	4.98	4.49	4.39	4.43	4.86	5.22	5.43	5.27	5.14	5.12	5.20	5.10	5.09	4.95					
20m	5.11	4.94	5.13	4.08	3.19	4.21	4.33	4.24	4.45	4.81	4.57	5.05	5.23	4.88	4.88	4.94	4.81	5.00	5.04					
30m	5.12	4.58	5.13	4.08	3.19	4.21	4.33	4.24	4.45	4.81	4.57	5.05	5.09	4.81	4.88	4.94	4.81	5.00	5.04					
50m	4.70	4.41	4.46	4.08	4.08	4.08	4.22	4.34	4.37	4.31	4.57	4.88	4.66	4.47	4.54	4.37	4.54	4.55	5.02					
70m			4.46	4.46	4.46	4.14(40m)	4.25(40m)	4.23			4.56	4.49	4.58	4.31	4.38	4.32	4.34	4.21	4.21					
100m			4.30	4.30	4.30						4.10	4.10	4.10	4.14	4.15	4.21	4.11	4.14	4.11					
150m			3.90	3.90	3.90						3.73	3.83	3.73	3.83	3.78	3.79	3.84	3.79	3.92					
200m			3.57	3.57	3.57						3.51	3.55	3.51	3.55	3.55	3.53	3.57	3.59	3.63					
250m			3.27	3.27	3.27						3.22	3.22	3.22	3.22	3.22	3.22	3.27	3.37	3.36					
300m			3.05	3.05	3.05						3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03					
400m			2.54	2.54	2.54						2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66					
500m			2.26	2.26	2.26						2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18					
600m			0.85								2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19					
COD (ppm)	2.08	2.27	0.80	2.34	3.50	2.10	2.72	2.72	2.74	2.35	2.19	1.25	1.09	1.09	2.02	2.60	2.60	2.60	0.17	0.18	0.07	0.86		
10m	0.93	1.82	0.93	1.81		1.55	1.74	1.70	1.70	1.76	1.81	1.22	0.66	0.66	1.12	1.23	1.23	1.23	0.77	0.80	2.45	1.14		
30m	0.80	0.82	0.69	0.51		0.51	0.67	0.67	0.72	0.77	0.67	0.64	0.46	0.46	0.74	0.64	0.64	0.64	0.59	1.60				
50m	0.72	0.58	0.69	0.67		0.56(40m)	0.64(40m)	0.56	0.56	0.56	0.69	0.62	0.40	0.40	0.66	0.53	0.53	0.53	0.53	1.04				
100m			0.67	0.67									0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.64				
250m			0.42	0.42									0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.42				
NH ₄ -N (μM)	0.47	0.53	0.09	7.10	5.25	6.22	4.51	6.58	1.00	1.40	0.62	0.13	0.60	0.60	2.60	2.60	2.60	2.60	0.07	0.18	0.07	0.66		
10m	0.38	0.86	0.09	3.26	3.26	2.96	3.00	3.21	1.03	1.03	0.77	0.36	0.21	0.19	0.21	0.06	0.06	0.06	0.07	0.21	0.21	0.66		
30m	0.14	0.49	0.18	1.00	1.00	0.30	0.89	0.40	0.28	2.83	2.08	0.72	0.43	0.60	0.72	0.43	0.43	0.43	0.08	0.08	0.08	0.66		
50m	0.66	0.39	0.30			0.80(40m)	0.36(40m)	0.22			0.21	0.50	0.29	0.29	0.32	0.08	0.08	0.08	0.08	0.16				
100m			0.13										0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.16				
250m			0.13										0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.06				
NO ₃ -N (μM)	0.23	0.61	0.13	1.14	2.07	0.96	1.28	1.21	0.98	0.57	0.46	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.66		
10m	0.42	0.99	0.02	0.99	0.99	0.94	0.97	1.04	1.04	0.57	0.48	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.66		
30m	0.35	0.02	0.84	0.84	0.84	0.71	0.69	0.67	0.60	0.61	0.39	0.31	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.09	0.09	0.66		
50m	0.30	0.52	0.19	0.19	0.19	0.74(40m)	0.66(40m)	0.60	0.60	0.61	0.39	0.31	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.04	0.04	0.66		
100m			0.24										0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.04				
250m			0.24										0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.04				
NO ₃ -N (μM)	3.51	10.04	0.13	28.96	52.22	23.30	40.21	35.33	23.48	9.31	7.22	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.66		
10m	1.02	8.70	0.13	22.44	22.44	20.72	22.14	22.12	22.12	14.12	14.12	9.87	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.66		
30m	13.27	13.27	6.80	27.06	27.06	27.47	29.10	28.64	28.64	23.35	14.20	0.33	2.03	2.03	3.10	5.79	16.87	16.87	0.33	0.33	0.33	0.66		
50m	11.38	18.85	6.80	21.06	21.06	28.88(40m)	25.91(40m)	28.33			17.07	10.57	21.61	21.61	12.70	18.22	24.45	24.45	0.33	0.33	0.33	0.66		
100m			29.62										42.88	42.88	37.90	37.90	54.42	54.42	0.33	0.33	0.33	0.66		
250m			50.79										61.85	61.85	54.42	54.42	1.33	1.33	1.33	1.33	1.33	1.33		
PO ₄ -P (μM)	0.18	0.21	0.06	0.70	0.73	0.60	0.48	0.58	0.26	0.22	0.18	0.10	0.12	0.12	0.35	0.35	0.35	0.35	0.07	0.15	0.15	0.66		
10m	0.12	0.25	0.05	0.45	0.45	0.49	0.49	0.52	0.58	0.31	0.22	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.14	0.14	0.66		
30m	0.05	0.37	0.09	0.56	0.56	0.48	0.48	0.42	0.39	0.45	0.33	0.08	0.08	0.08	0.13	0.15	0.27	0.27	0.08	0.08	0.08	0.66		

沿岸定線調査(平成25(2013)年6月)

測点 観測日 開始時刻 終了時刻 天気 気温(℃) 気圧(hPa) 風向/風力 水色 透明度 波高 方向	沿岸定線調査(平成25(2013)年6月)																				
	15	16	17	18	19	22	23	24	25	26	A	B	D	H	I	口	ハ	二	ホ	ヘ	
水温 (℃)	20.6 19.97 19.97 20.24 18.82 18.86 18.35 17.33 16.99 14.21	20.5 20.27 20.07 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29	20.3 20.14 20.14 19.84 19.72 18.44 17.78 16.58 15.70 14.29
塩分	34.35(2m) 34.48 34.54 34.37 34.45 34.55 34.60 34.55 34.55 34.50 34.40	34.36(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57	34.37(2m) 34.37 34.41 34.45 34.57 34.57 34.57 34.57 34.57 34.57 34.57
浮遊藻類 (ml/l)	5.14(2m) 5.20 5.16 5.09 4.55 4.76 4.32 4.12 3.88 3.57 3.38	5.14(2m) 5.14 5.15 4.94 4.58 4.48 4.26 4.20 3.85 3.57 3.38	5.12(3m) 5.12 5.18 5.13 4.91 4.46 4.48 4.20 3.85 3.57 3.38	5.12(3m) 5.12 5.18 5.13 4.91 4.46 4.48 4.20 3.85 3.57 3.38	5.12(3m) 5.12 5.18 5.13 4.91 4.46 4.48 4.20 3.85 3.57 3.38	5.11(3m) 5.11 5.03 4.91 4.52 4.48 4.27 4.28 4.03 3.86 3.70 3.56 3.49 3.42	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44	5.09(2m) 5.13 5.43 5.12 5.09 5.02 4.77 4.43 4.44
COD (ppm)	0.99	0.75	0.75	0.88	0.88	0.83	0.67	0.77	0.67	0.80	1.14	1.54	1.49	2.22	0.43	0.70	0.86	0.70	0.91	0.75	
NH ₄ -N (μM)	1.73	0.10	0.24	0.23	0.09	0.33	0.21	0.32	0.21	0.12	0.16	0.22	0.24	0.18	0.16	0.12	0.09	0.17	0.22	0.17	
NO ₃ -N (μM)	0.05	0.02	0.03	0.03	0.08	0.08	0.03	0.03	0.03	0.03	0.03	0.05	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03	
NO ₂ -N (μM)	0.05	0.02	0.03	0.03	0.08	0.08	0.03	0.03	0.03	0.03	0.03	0.05	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03	
PO ₄ -P (μM)	0.26	0.05	0.12	0.08	0.08	0.08	0.06	0.06	0.06	0.06	0.10	0.10	0.05	0.14	0.06	0.08	0.08	0.06	0.07	0.06	

***は検出限界以下を示す





浅海定線調査(平成25(2013)年7月) 沿岸定線調査(平成25(2013)年7月)

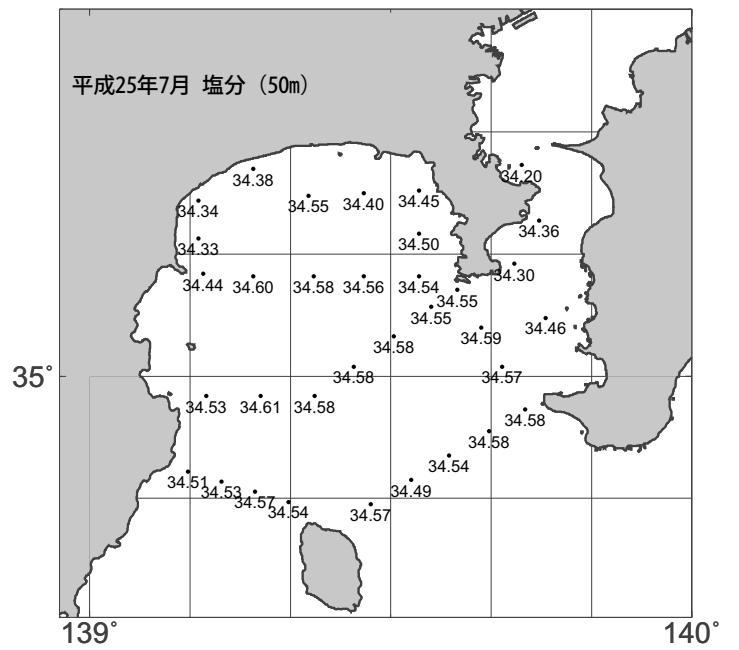
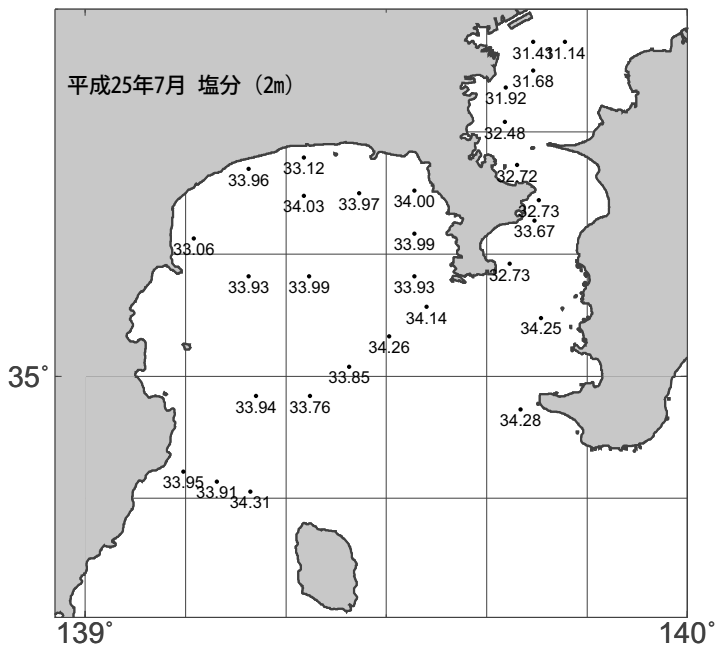
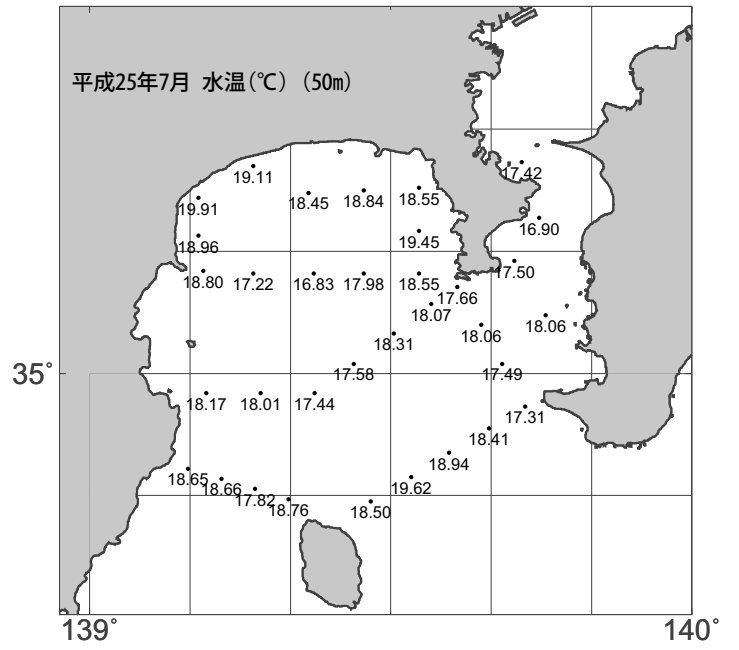
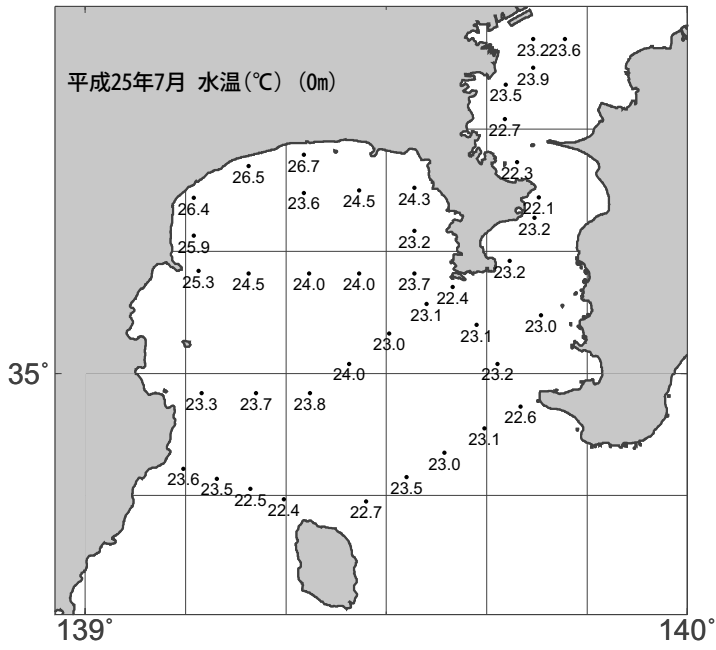
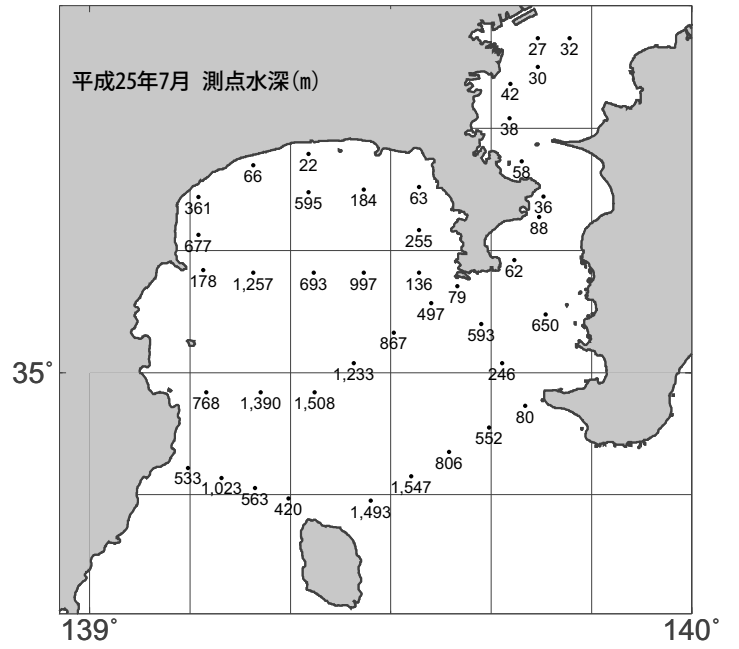
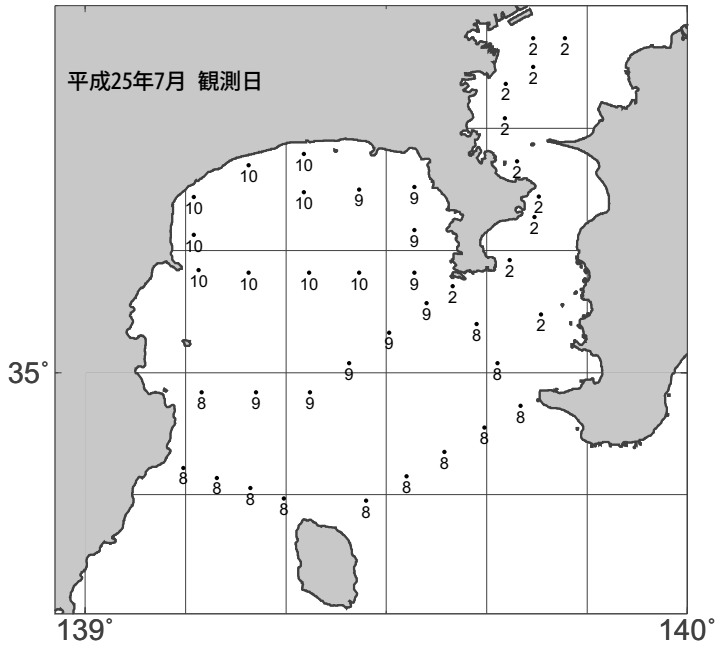
測点	浅海定線調査(平成25(2013)年7月)														沿岸定線調査(平成25(2013)年7月)													
	13	27	29	112	117	118	123	124	129	134	136	1	2	3	5	6	7	9	10	10	12	14						
観測日	8:41	10:27	9:32	13:11	13:33	12:46	12:22	12:01	11:38	10:53	10:02	10:33	13:44	14:05	11:12	10:38	10:48	9:11	9:10	9:08	9:09							
開始時刻	8:44	10:29	9:50	13:13	13:34	12:47	12:25	12:03	11:40	10:56	10:05	10:36	14:05	14:08	11:16	10:38	10:48	9:20	9:12	9:12	9:16							
終了時刻	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC							
天気	22.4	22.6	22.6	23.7	23.5	23.0	23.7	23.7	23.5	23.0	26.1	26.4	25.7	25.7	25.7	25.7	25.7	24.8	24.8	29.8	29.8							
気温(℃)	1015.6	1015.3	1014.1	1014.3	1014.7	1015.0	1014.7	1014.7	1014.3	1015.0	1010.3	1006.2	1007.0	1007.0	1007.0	1007.0	1007.0	1007.0	1007.0	1013.8	1013.8							
気圧(hPa)	SSE1	SSW1	SSE1	S2	S2	S2	S2	S2	S2	S2	SSW2	SSW2	SSW2	SSW2	SSW2	SSW2	SSW2	SSW2	SSW2	SSW3	SSW3							
風向(風力)	15	4	21	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2							
透明度	NW1	N1	N1	N1	N1	N1	N1	N1	N1	N1	ENE1	ENE1	ENE1	ENE1	ENE1	ENE1	ENE1	ENE1	ENE1	NE1	NE1							
波高	79	62	650	32	27	30	42	38	58	36	88	24.5	595	178	1.257	693	997	23.7	23.7	136	593							
測点水深(m)	22.4	23.2	23.0	23.6	23.2	23.9	23.5	22.7	22.3	22.1	23.2	24.3	23.6	23.6	23.6	24.5	24.0	24.0	24.0	23.6	23.1							
水温(℃)	22.19	21.96	22.00	21.36	21.23	21.06	19.86	21.18	20.93	20.93	21.14	22.52	22.19	21.58	22.63	22.81	22.32	21.49	21.40	21.60	22.23							
塩分	34.32	34.16	34.25	34.14	34.11	34.03	34.08	34.08	33.64	33.52	34.15	34.00	34.07	34.27	33.99	33.98	33.98	34.04	34.33	34.24	34.00							
溶解酸素(ml/l)	4.96	4.78	4.93	4.78	4.77	4.97	4.75	4.60	4.72	4.60	4.75	4.99	4.99	4.99	4.85	4.92	4.95	5.01	4.94	4.99	4.92							
COD(ppm)	0.75	2.14	0.66	4.06	3.38	3.26	4.03	2.64	2.18	2.51	2.42	0.93	0.82	0.78	3.06	3.44	1.23	0.85	0.85	1.38	1.14							
NH ₄ -N(μM)	0.20	0.38	0.29	0.37	1.06	1.06	1.42	0.47	0.32	0.45	0.33	0.33	0.27	0.30	0.15	0.03	0.03	0.10	0.07	0.05	0.11							
NO ₃ -N(μM)	0.07	0.12	0.09	0.28	0.11	0.10	2.55	0.11	0.21	0.09	0.09	0.11	0.11	0.08	0.03	0.10	0.08	0.10	0.10	0.10	0.08							
NO ₂ -N(μM)	0.19	0.74	0.20	0.11	0.99	1.69	2.49	1.64	1.60	0.63	0.09	0.53	0.11	0.15	0.21	0.83	0.34	0.14	0.19	0.19	0.17							
NO ₃ -N(μM)	0.34	0.85	0.57	0.11	0.99	1.69	2.49	1.64	1.60	0.63	0.09	0.53	0.11	0.15	0.21	0.83	0.34	0.14	0.19	0.19	0.17							
NO ₂ -N(μM)	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09							
PO ₄ -P(μM)	0.14	0.28	0.17	0.70	0.19	0.48	0.80	0.41	0.24	0.53	0.26	0.13	0.17	0.17	0.16	0.15	0.25	0.15	0.20	0.18	0.17							

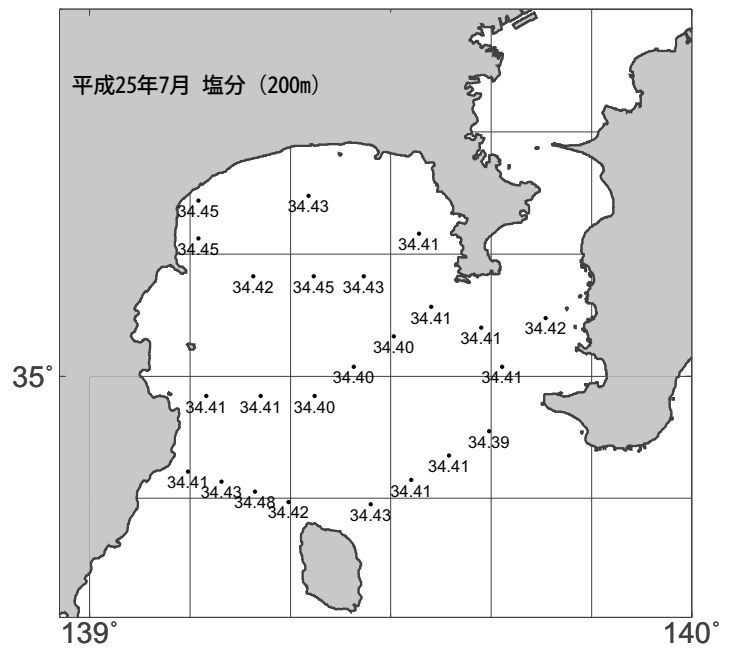
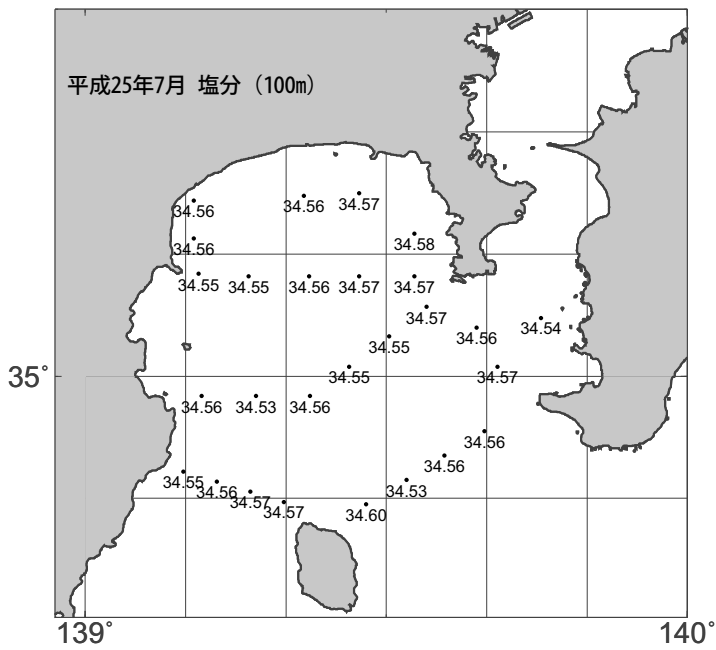
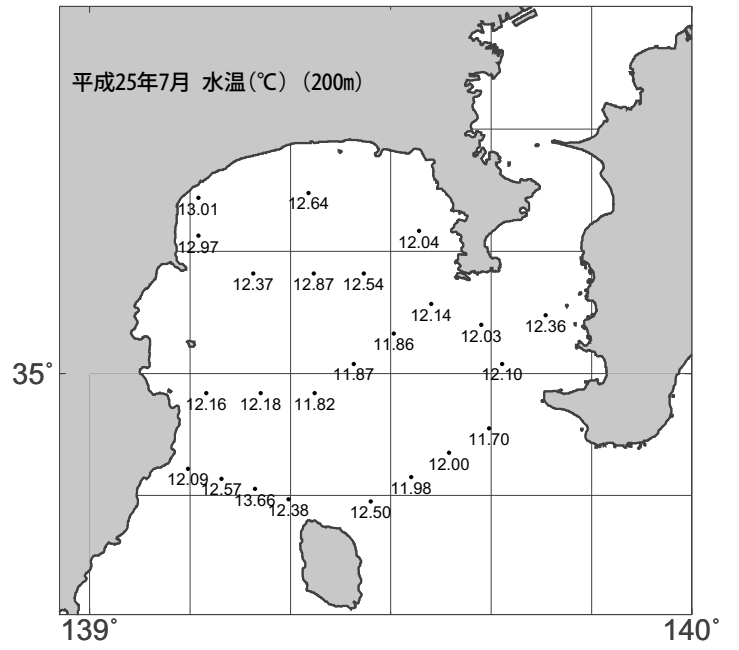
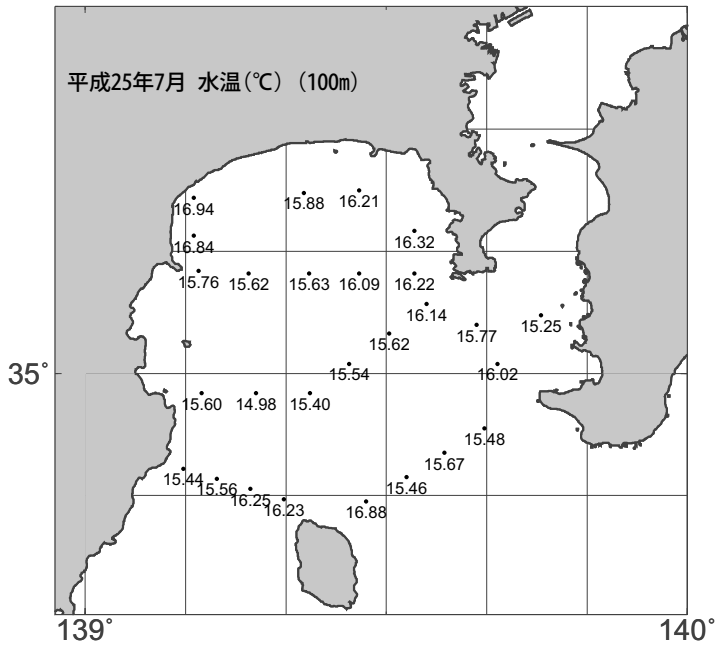
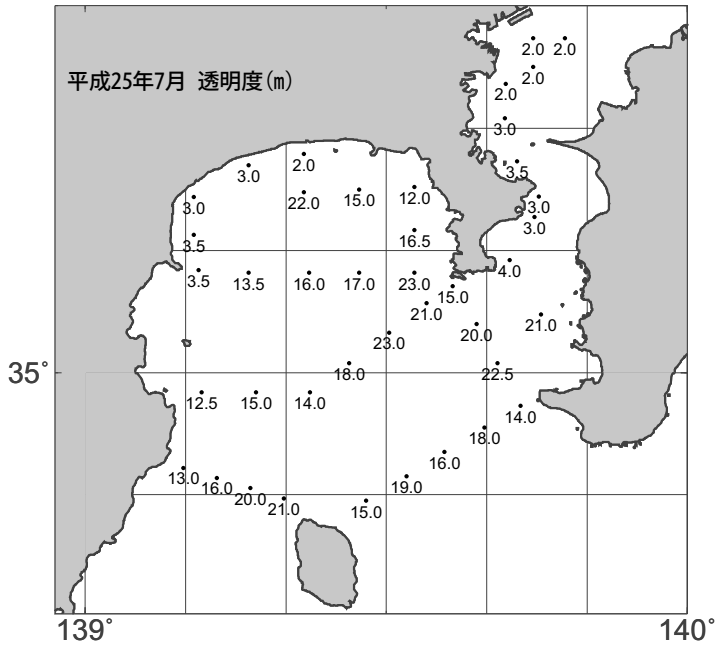
***は検出限界以下を示す

沿岸定線調査(平成25(2013)年7月)

測点	沿岸定線調査(平成25(2013)年7月)																				
	15	16	17	18	19	22	23	24	25	26	A	B	D	H	イ	ロ	ハ	ニ	ホ	ヘ	
観測日	8																				
開始時刻	9:37																				
終了時刻	9:43																				
天気	BC																				
気温(℃)	25.0																				
気圧(hPa)	1011.0																				
風向	W 1																				
風速	2																				
透明度	22.5																				
波高	N 1																				
波周期	8.67																				
測点水深(m)	1.233																				
水温(℃)	23.2	23.1	23.0	23.0	23.8	1.493	23.5	23.0	22.6	26.5	26.7	25.9	22.4	22.2	22.4	22.5	23.5	23.6	23.3	23.7	
10m	22.46	21.76	21.78	21.85	22.10	21.77	22.11	21.99	22.54	20.96	22.35	22.30	22.99	21.79	21.07	22.40	21.99	21.99	21.99	21.17	
20m	22.41	21.52	21.12	19.53	19.48	21.70	21.88	21.86	21.49	19.10	21.24	21.38	21.49	20.41	20.46	20.66	21.99	21.99	21.99	21.17	
30m	20.47	20.97	18.46	18.46	18.69	21.32	21.69	21.69	21.44	18.44	20.64	21.38	21.49	21.05	20.14	20.14	21.99	21.99	21.99	21.17	
50m	17.49	20.97	18.33	17.58	17.44	19.50	19.62	19.94	19.41	17.31	19.11	19.11	18.06	18.76	17.92	18.66	18.65	18.65	18.65	18.01	
70m	16.67	17.18	16.72	16.50	16.39	17.62	17.19	16.73	16.55	16.55	16.55	16.55	17.89	17.99	17.92	18.94	18.79	18.79	18.79	16.90	
100m	16.02	16.14	15.62	15.54	15.40	16.88	15.46	15.67	15.58	15.58	15.58	15.58	16.84	16.32	16.23	16.56	16.44	16.44	16.44	14.86	
150m	13.89	14.31	13.41	12.97	13.00	14.77	13.68	13.85	13.58	13.58	13.58	13.58	14.69	15.11	14.22	15.00	13.96	13.96	13.96	13.82	
200m	12.10	12.14	11.86	11.82	11.82	12.50	11.98	12.00	11.70	11.70	11.70	11.70	12.97	12.04	12.38	12.69	12.16	12.16	12.16	12.18	
250m						11.01	11.32	10.77	10.50	10.64	10.64	10.64	11.47		11.40	11.62	11.41	10.94	10.86	11.12	
300m						9.96	9.98														
400m						8.43	7.51														
500m						6.59	6.37														
600m						5.45	5.31														
塩分	34.06(3m)	34.14(2m)	34.26(2m)	33.85(2m)	33.76(2m)	34.23(3m)	34.23(3m)	34.06(3m)	34.08(3m)	34.28(2m)	33.95(2m)	33.12(2m)	33.06(2m)	33.99(2m)	34.31(3m)	34.31(2m)	33.91(2m)	33.95(2m)	34.02(3m)	33.94(2m)	
0m	34.05	34.24	34.26	34.01	34.00	34.25	34.23	34.08	34.06	34.35	33.98	34.01	33.99	34.05	34.33	34.38	34.02	34.14	34.09	34.20	
10m	4.88	4.99	4.94	5.06	5.00	4.99	4.93	4.94	4.90	4.77	4.74	4.64	4.97	4.90	4.91	4.87	4.82(2m)	5.13	5.05	5.17	
20m	4.84	5.02	4.91	4.81	4.87	4.96	4.92	4.90	4.98	4.55	4.58	4.56	4.74	4.96	4.74	4.75	5.10	4.91	5.08	4.97	
30m	4.84	4.86	4.56	4.43	4.57	4.90	4.93	4.95	4.95	4.33	4.45	4.56	4.50	5.01	4.63	4.65	5.12	4.61	4.67	4.88	
50m	4.26	4.33	4.19	4.22	4.22	4.42	4.52	4.47	4.41	4.19	4.20	4.20	4.18	4.47	4.38	4.30	4.53	4.52	4.24	4.33	
70m	4.07	4.16	4.10	4.07	4.07	4.25	4.19	4.07	4.10	4.19	4.19	4.19	4.28	4.13	4.14	4.17	4.12	4.09	4.09	4.05	
100m	3.98	4.00	3.96	3.93	3.95	4.13	3.91	3.96	3.93	3.93	3.93	3.93	4.08	3.97	4.02	4.03	3.96	3.94	3.95	3.90	
150m	3.71	3.76	3.69	3.65	3.65	3.78	3.72	3.76	3.72	3.72	3.72	3.72	3.80	3.86	3.80	3.87	3.76	3.68	3.70	3.68	
200m	3.49	3.52	3.50	3.54	3.50	3.60	3.47	3.51	3.51	3.51	3.51	3.51	3.64	3.64	3.53	3.68	3.57	3.53	3.53	3.57	
250m						3.38	3.39	3.33	3.33	3.33	3.33	3.33	3.44	3.44	3.41	3.43	3.37	3.39	3.38	3.42	
300m						3.26	3.13														
400m						2.66	2.82														
500m						2.51	2.46														
600m						2.66	2.87														
COD (ppm)	0m	0.80	1.09	1.23	1.26	1.54	0.82	1.01	0.98	0.93	3.31	3.62	3.68	1.25	0.58	0.77	0.85	0.93	0.96	3.36	
10m						0.93	0.82				0.85										
30m						0.64	0.72				0.14										
50m						0.48	0.56				0.14										
100m						0.35	0.10				0.14										
250m						0.26	0.16				0.19										
NH ₄ -N (μM)	0m	0.08	0.35	0.99	0.92	***	0.11	0.07	0.09	0.40	0.54	0.77	0.21	***	0.12	0.25	0.07	0.05	3.95	0.91	
10m						***	0.12			0.19	0.19										
30m						***	0.16			***	***										
50m						0.08	0.08			0.19	0.19										
100m						***	0.16			***	***										
250m						1.22	0.26														
NO ₃ -N (μM)	0m	0.11	0.08	0.10	0.10	***	0.09	0.09	0.10	0.08	0.13	0.09	0.11	0.10	0.09	0.08	0.08	0.09	0.09	0.09	
10m						0.43	0.09			0.66	0.66										
30m						0.14	0.17			0.93	0.93										
50m						0.08	0.04			0.10	0.10										
100m						0.06	0.09														
250m						0.08	0.10														
NO ₃ -N (μM)	0m	***	***	***	***	***	***	***	***	***	12.93	***	***	***	1.03	***	***	***	***	***	
10m						15.41	***			***	***										
30m						31.00	23.72			***	***										
50m						46.24	37.30			***	***										
100m						46.41	47.71			***	***										
250m						***	***			***	***										
PO ₄ -P (μM)	0m	0.15	0.20	0.20	0.25	0.09	0.19	0.17	0.17	0.20	0.20	0.24	0.25	0.16	0.17	0.15	0.15	0.09	1.01	0.23	
10m						0.31	0.17			0.29	0.29										
30m						0.46	0.37			0.38	0.38										
50m						0.70	0.54			0.34	0.34										
100m						1.37	1.29			***	***										
250m						0.24	0.16			***	***										

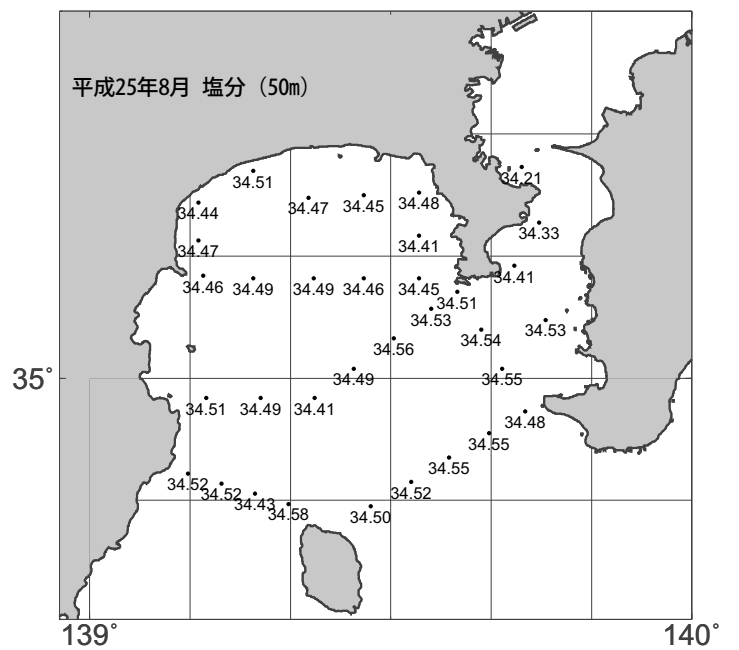
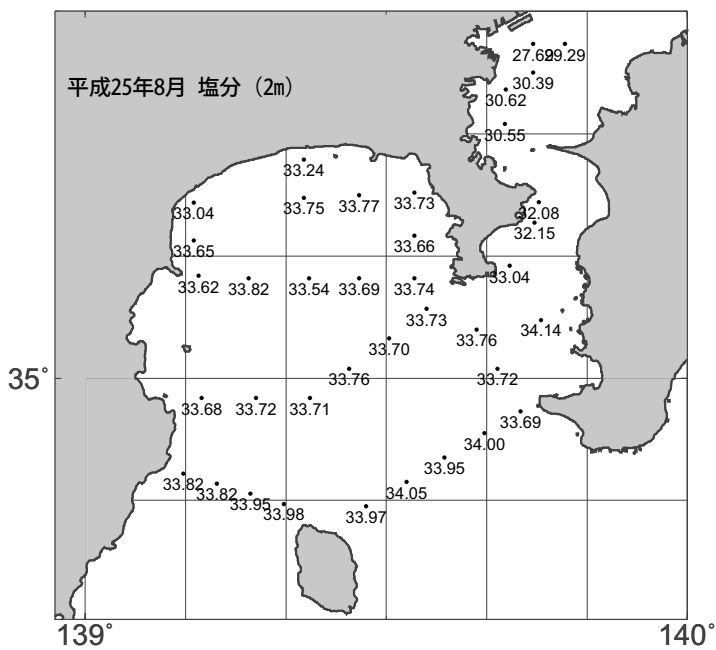
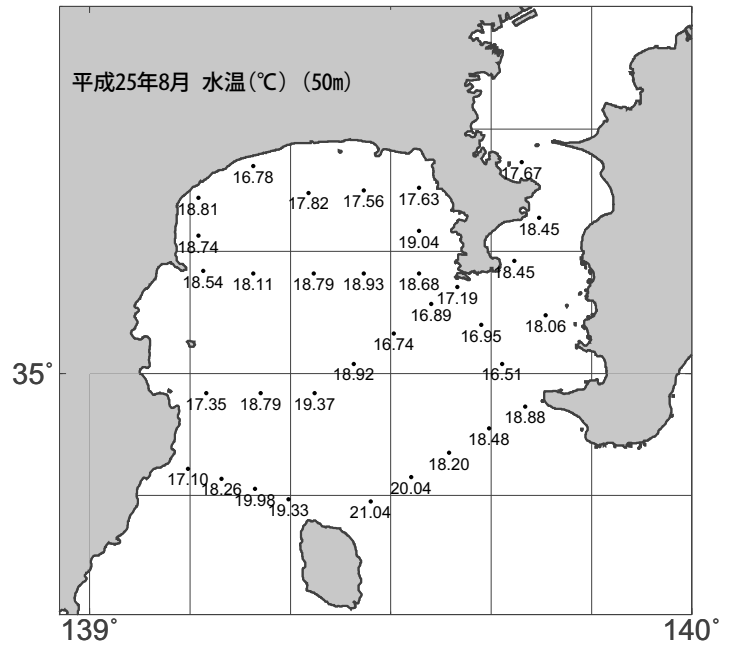
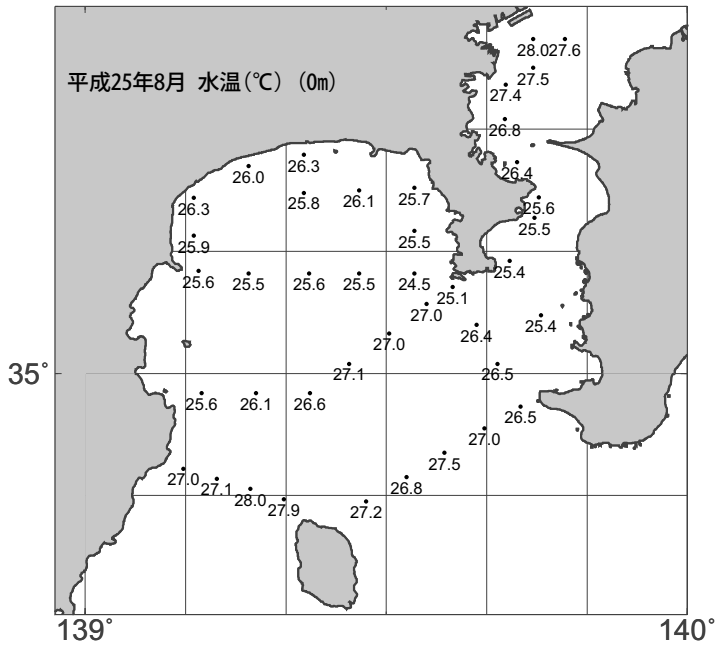
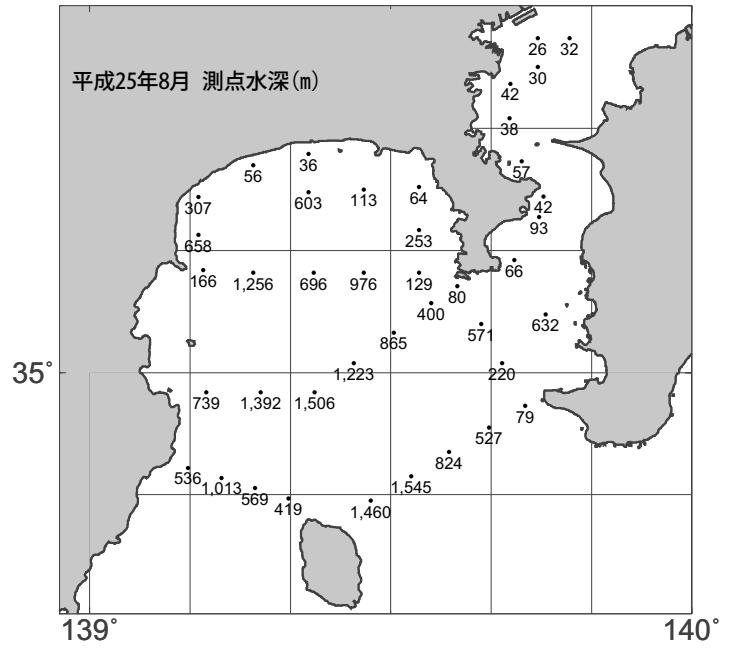
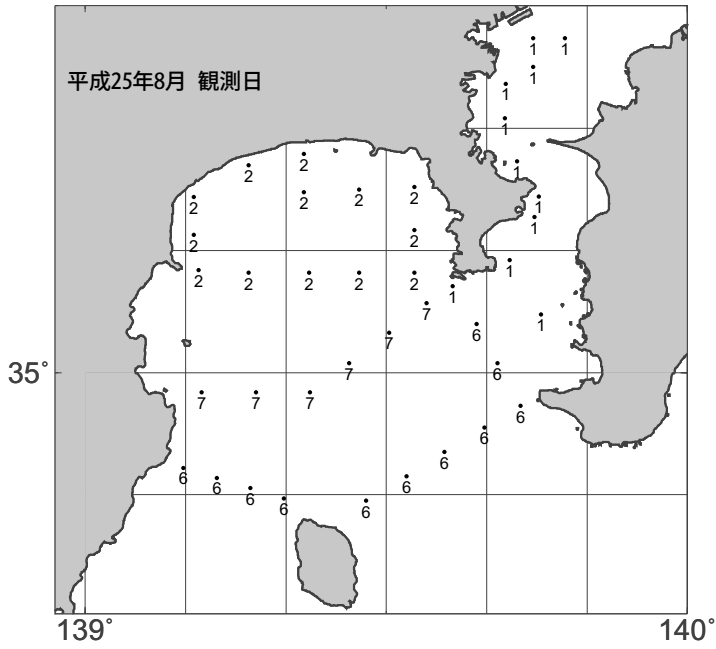
***は検出限界以下を示す

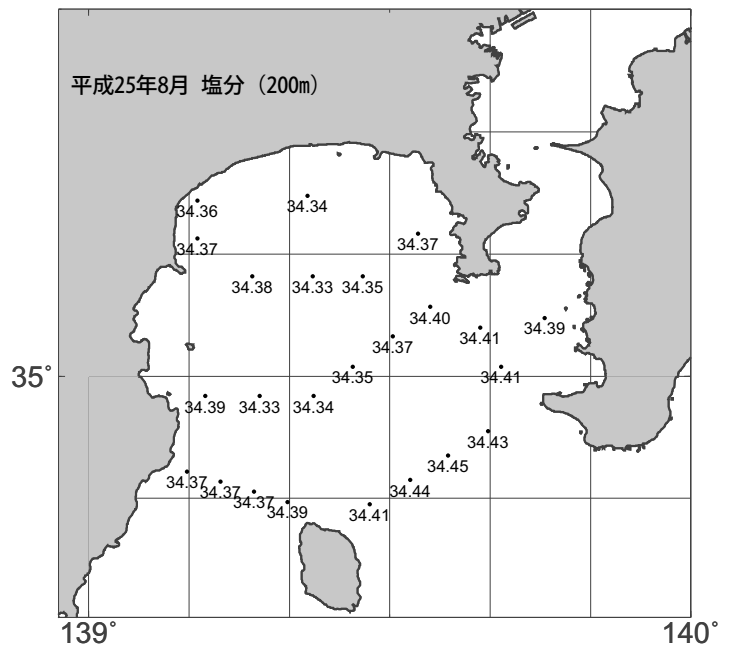
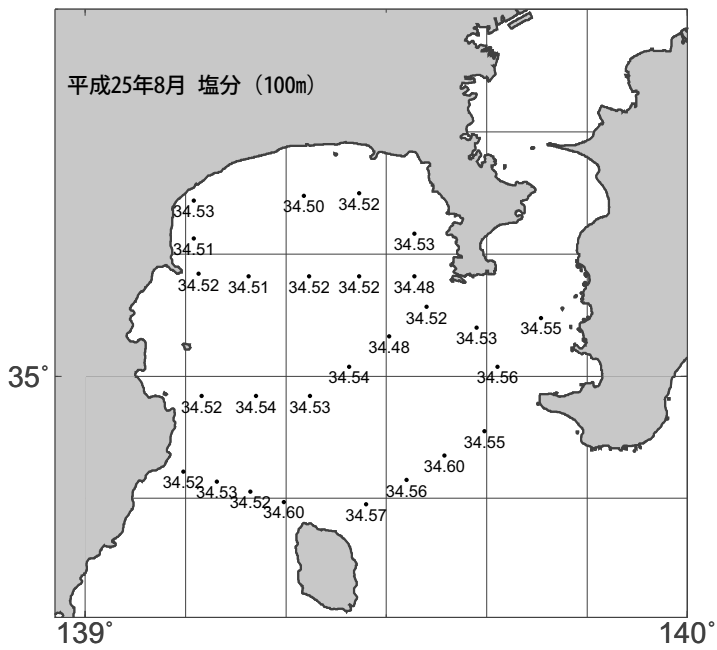
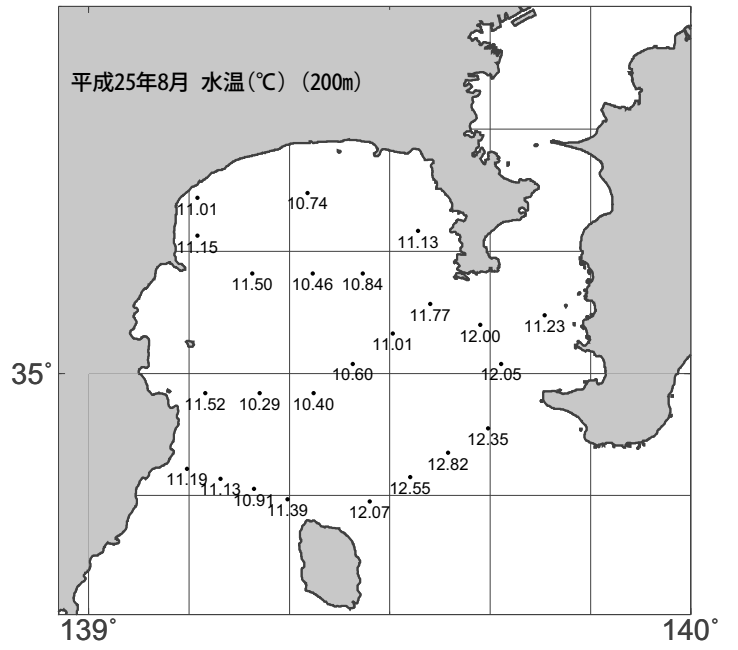
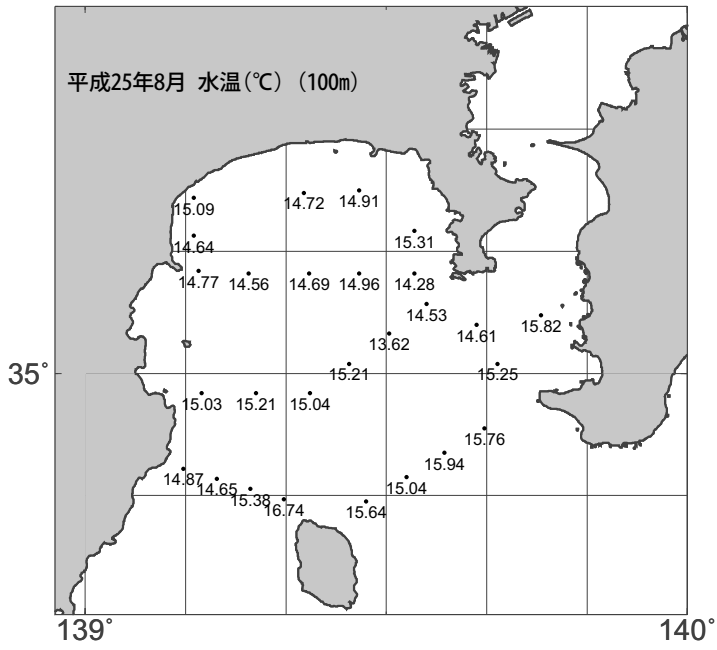
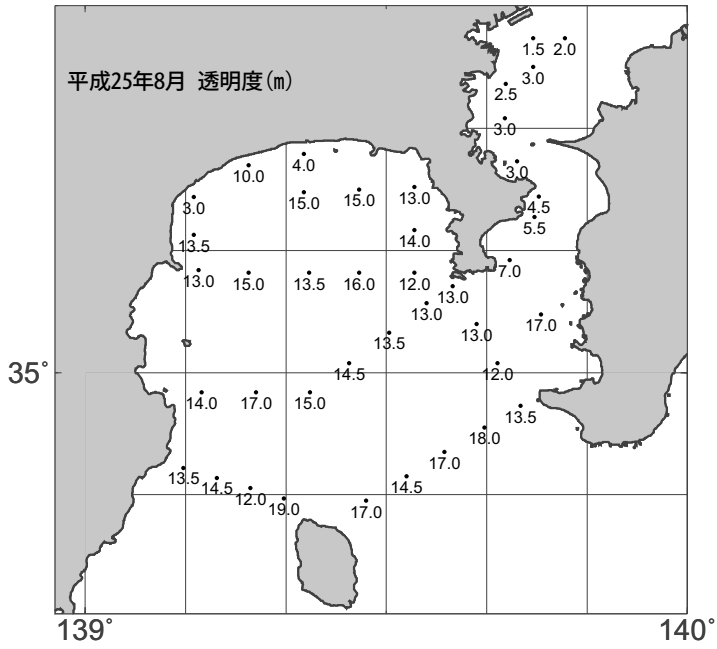




測点	浅海定線調査(平成25(2013)年8月)														沿岸定線調査(平成25(2013)年8月)													
	13	27	29	112	117	118	123	124	129	134	136	1	2	2	3	5	6	7	9	10	12	14						
観測日	8-47	10-30	9-39	13-23	13-46	12-56	12-32	12-10	11-45	11-18	10-58	14-57	14-26	14-26	13-40	12-02	11-08	10-34	9-46	9-14	8-42	9-11						
開始時刻	8-49	10-33	9-59	13-24	13-47	12-57	12-34	12-11	11-47	11-20	11-01	14-59	14-29	14-29	13-59	12-10	11-11	10-42	10-05	9-22	8-46	9-18						
終了時刻	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BC	BC	BC	0	0	0	0	BC						
天気	26.5	27.0	28.9	28.2	27.7	27.7	27.4	26.8	26.4	25.6	25.5	25.7	26.1	25.6	25.8	25.6	25.5	25.6	25.6	25.5	24.5	26.4						
気温(℃)	1004.1	1003.8	1002.3	1002.7	1002.7	1002.7	1002.7	1002.7	1002.7	1003.5	1003.5	1003.5	1003.5	1003.5	1008.6	1008.6	1008.6	1009.2	1009.2	1008.9	1008.0	1008.0						
気圧(hPa)	SE	NE	E	E	E	E	E	E	E	E	E	E	E	E	SW	SW	SW	ENE	ENE	ENE	ENE	SSW						
風向(風力)	3	7	17	2	15	14	15	14	12	4.5	5.5	13	15	15	3	12	4	5	3	3	4	3						
水色	13	7	17	2	15	14	15	14	12	4.5	5.5	13	15	15	3	12	4	5	3	3	4	3						
透明度	NE	N	N	E	E	E	E	E	E	E	E	E	E	E	N	N	N	SW	SW	SW	NW	NW						
波高	80	66	632	32	26	30	42	38	57	42	93	64	113	113	603	307	166	1.256	696	976	129	571						
測点水深(m)	25.1	25.4	25.4	27.6	27.6	28.0	27.5	27.4	26.4	25.6	25.5	25.7	26.1	25.6	25.8	25.6	25.5	25.6	25.6	25.5	24.5	26.4						
水温(℃)	24.98	24.88	23.79	23.74	23.58	24.46	22.73	23.99	23.61	24.38	24.34	24.39	25.37	24.97	24.24	25.84	24.97	24.91	24.91	24.45	24.06	25.41						
塩分	33.40	33.04	34.14	29.29	27.69	30.38	30.62	30.55	31.07	32.08	32.15	33.73	33.77	33.82	33.75	33.04	33.62	33.82	33.54	33.69	33.74	33.76						
溶解酸素(mg/l)	4.72	4.63	4.73	5.18	5.72	6.20	5.53	6.28	6.19	4.95	4.89	4.73	4.65	4.73	4.66	5.23	4.71	4.65	4.89	4.62	4.67	4.65						
COD(ppm)	1.58	1.95	0.59	6.58	4.96	4.54	4.80	5.18	3.71	2.48	2.05	1.36	1.28	1.30	1.30	2.13	0.86	0.83	0.66	0.93	0.88	1.25						
NH ₄ -N(μM)	0.67	2.03	***	9.57	4.71	3.71	3.47	2.21	0.89	1.09	0.89	0.95	0.38	0.30	0.36	1.25	0.21	0.36	0.22	0.28	21.00	0.16						
NO ₃ -N(μM)	0.10	0.10	0.10	0.50	0.27	0.08	0.08	0.07	0.08	0.07	0.08	0.12	0.11	0.11	0.08	0.18	0.09	0.10	0.10	0.09	0.11	0.10						
NO ₂ -N(μM)	0.16	0.22	0.19	0.22	0.51	0.37	0.34	0.17	0.31	0.09	0.06	0.16	0.16	0.11	0.11	0.03	0.09	0.10	0.10	0.11	0.11	0.10						
NO ₃ -N(μM)	0.19	0.65	0.13	0.09	0.79	0.40m	0.34	0.54	0.81	0.50	0.70	0.32	0.32	0.22	0.33	0.31	0.31	0.19	0.19	0.19	0.19	0.19						
PO ₄ -P(μM)	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06						
PO ₄ -P(μM)	6.40	2.76	22.26	13.01	4.41	8.68	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88						
PO ₄ -P(μM)	11.77	17.28	20.95	47.18	47.18	46.09	18.33	17.99	18.33	36.18	36.18	33.64	27.36	9.30	4.14	1.19	1.19	2.63	2.63	16.89	16.89							
PO ₄ -P(μM)	39.42	31.34	35.05	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87	46.87						
PO ₄ -P(μM)	0.21	0.31	1.08	1.01	0.73	0.57	0.68	0.29	0.29	0.25	0.23	0.25	0.21	0.16	0.47	0.15	0.15	0.16	0.16	0.16	0.20	0.17						
PO ₄ -P(μM)	0.15	0.18	0.18	0.59	0.46	0.31	0.36	0.26	0.22	0.20	0.17	0.15	0.14	0.14	0.15	0.14	0.14	0.16	0.16	0.16	0.20	0.17						
PO ₄ -P(μM)	0.21	0.30	0.34	1.60	1.47	1.47	1.47	0.89	0.39	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35						
PO ₄ -P(μM)	0.59	0.51	0.51	1.50	1.50	1.50	1.50	0.92	0.92	0.57	0.57	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52						
PO ₄ -P(μM)	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56						

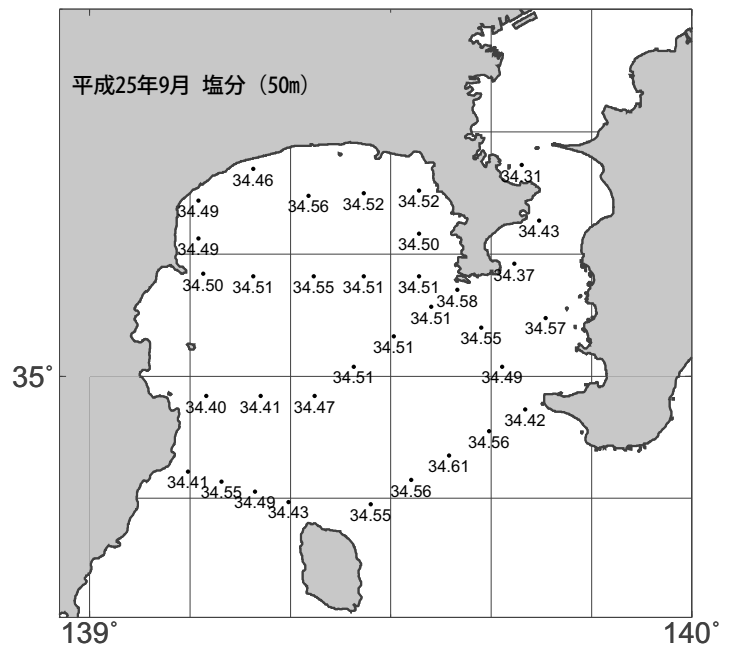
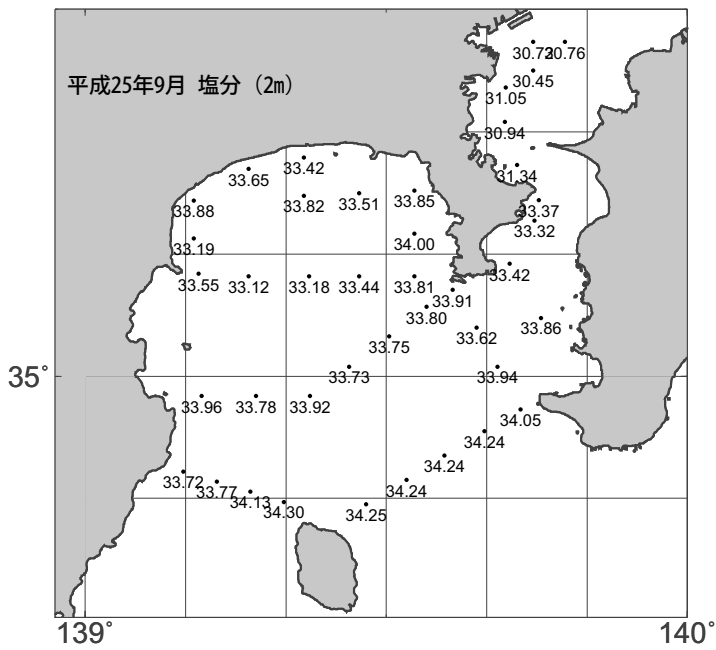
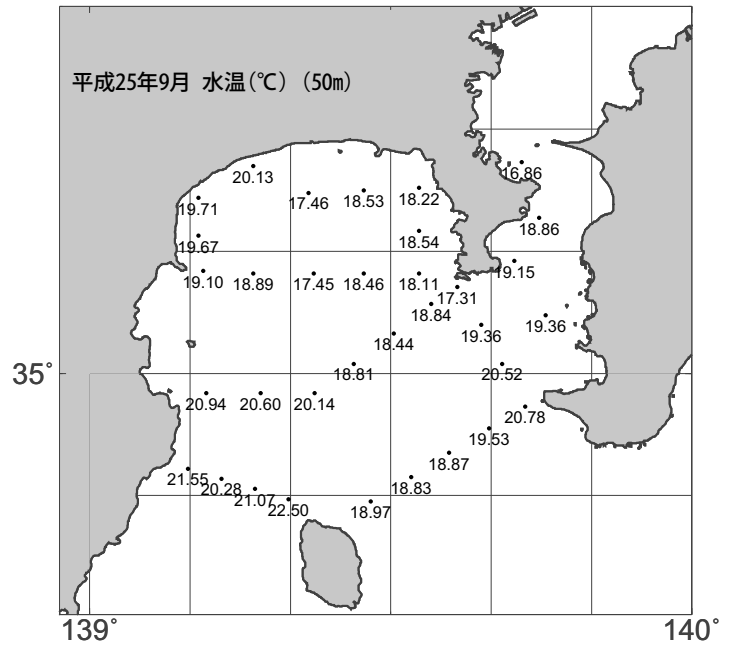
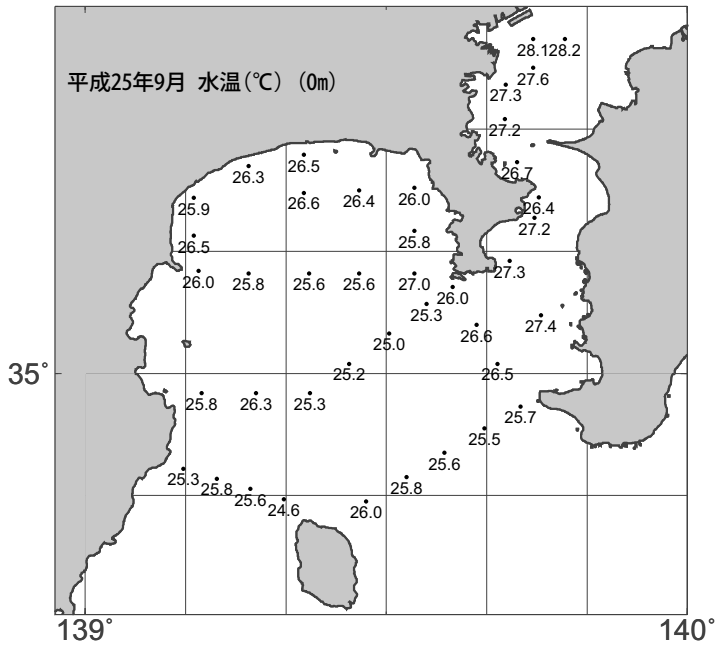
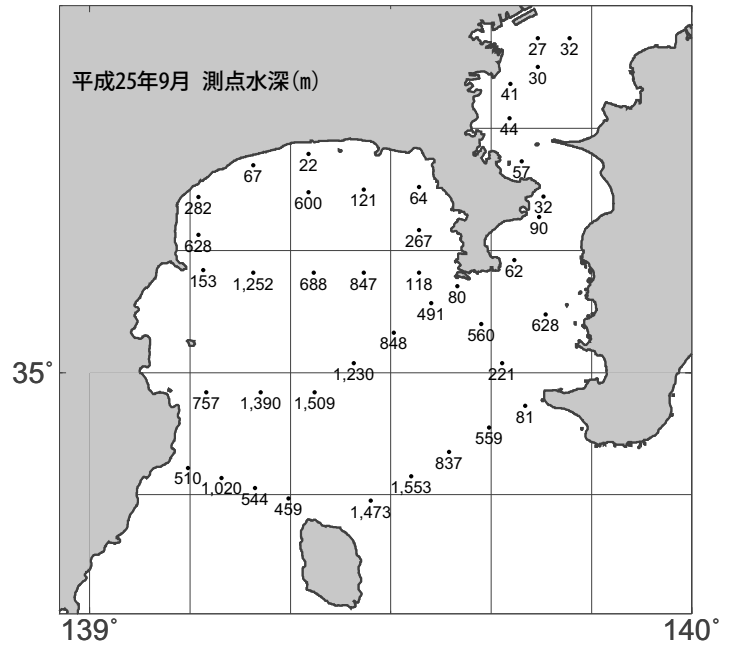
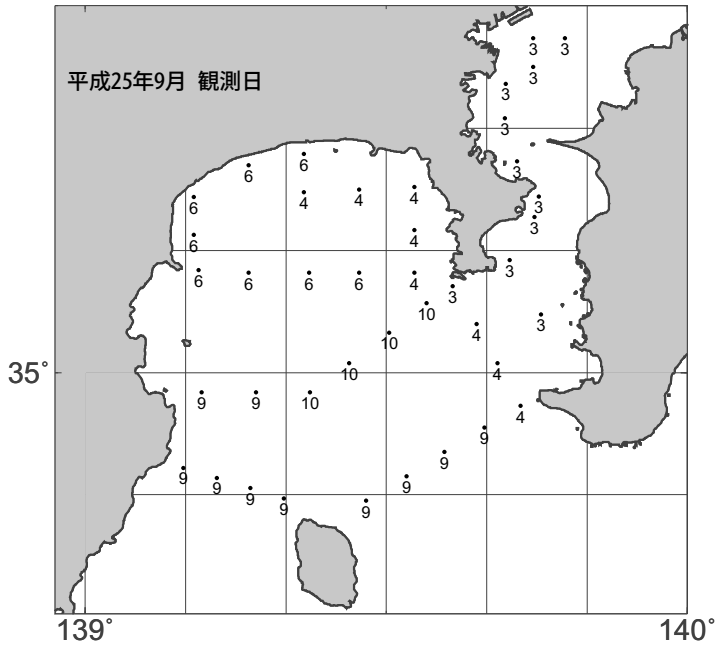
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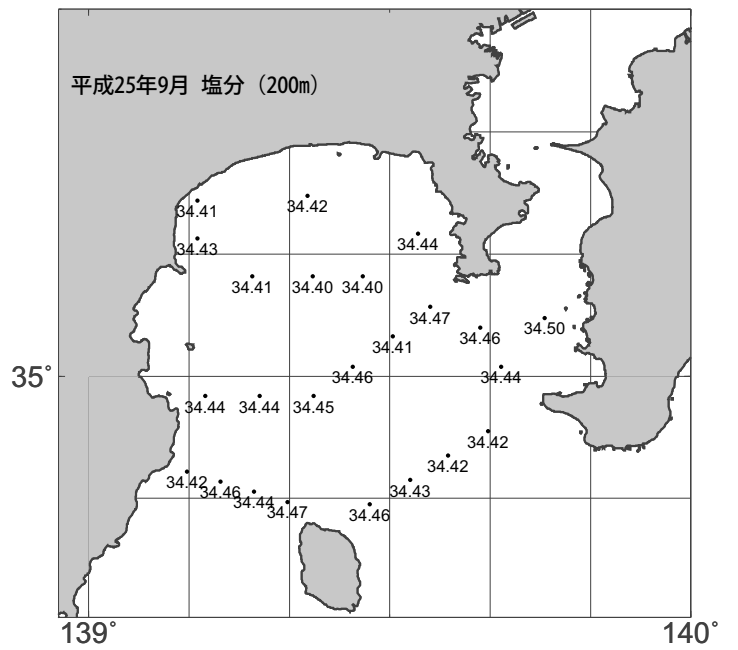
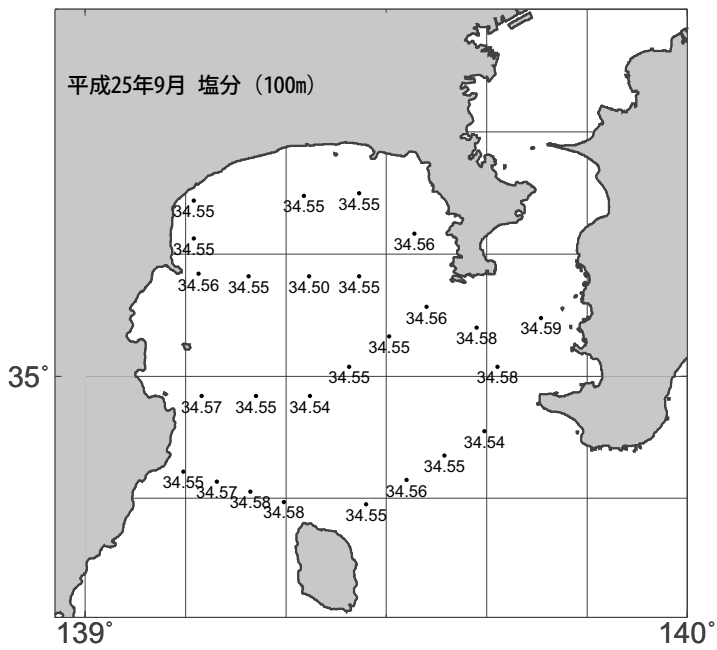
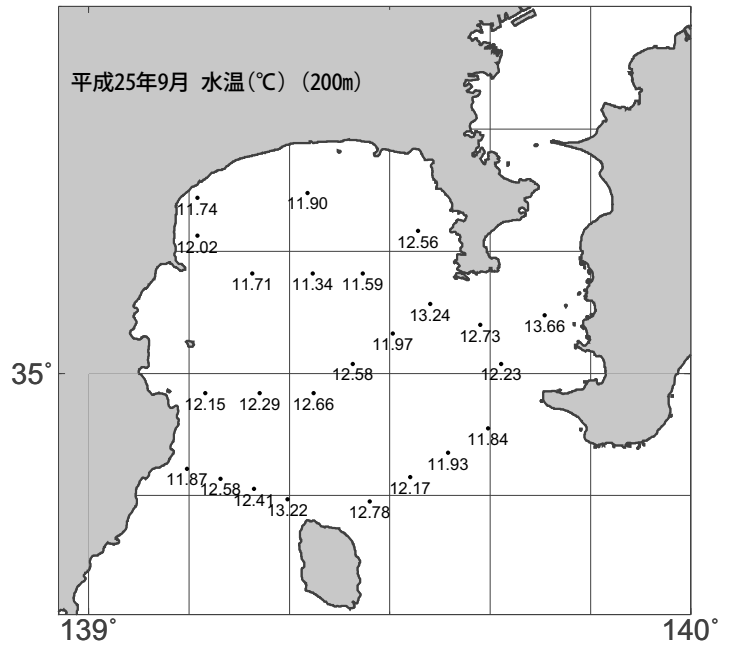
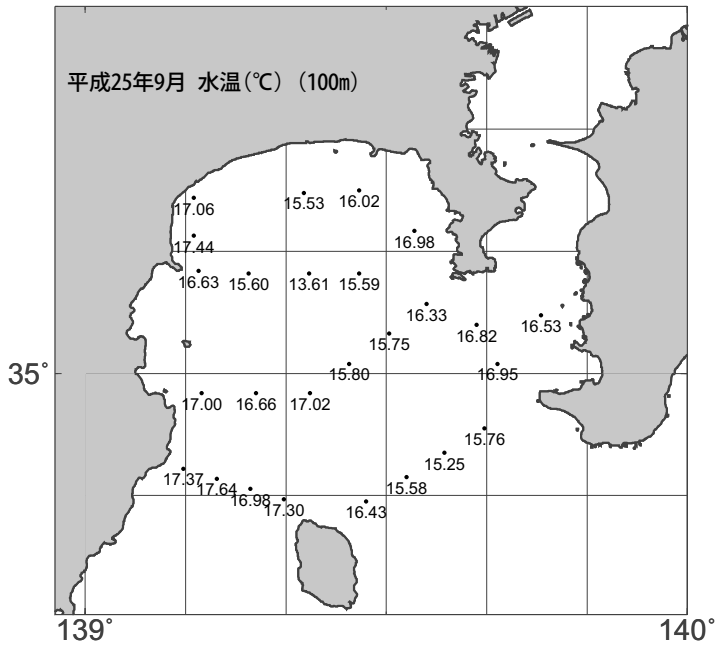
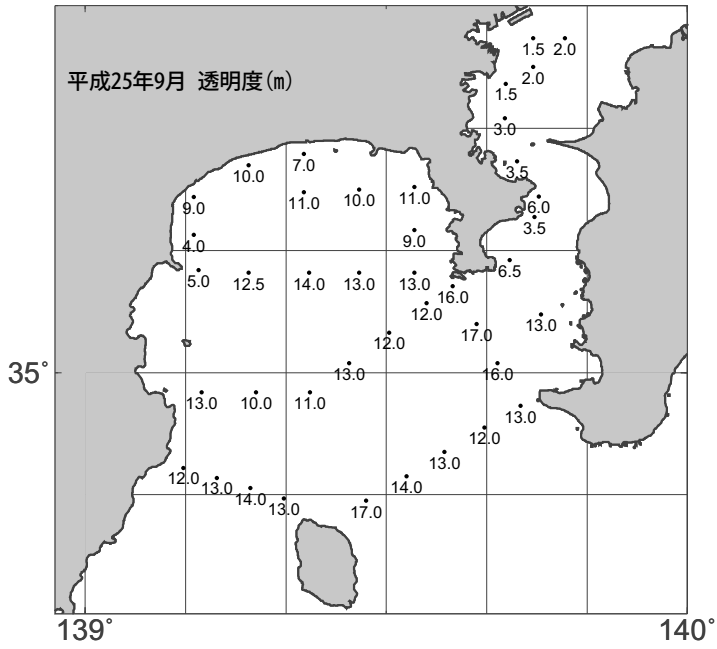




測点	浅海定観調査 (平成25(2013)年9月)												沿岸定観調査 (平成25(2013)年9月)											
	13	27	29	117	118	124	129	134	136	1	2	3	5	6	7	9	10	12	14					
観測日	8:43	10:23	12:57	13:19	12:33	11:44	11:31	11:08	10:50	12:43	13:15	13:45	12:00	11:03	10:32	9:45	9:14	11:51	8:58					
開始時刻	8:45	10:25	12:58	13:20	12:34	11:52	11:33	11:09	10:53	12:46	13:19	14:06	12:08	11:08	10:40	10:06	9:23	11:55	9:07					
天気	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	R					
気温 (℃)	29.0	28.0	30.6	30.9	32.1	32.1	28.7	27.5	27.0	27.4	27.4	27.4	27.0	27.0	27.7	27.9	27.9	26.5	26.5					
気圧 (hPa)	1013.7	1013.4	1011.5	1011.8	1012.4	1012.4	1012.8	1008.7	1007.9	1007.9	1007.9	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1010.0	1010.0					
風向風力	SE 1	SW 1	S 3	SSE 2	S 1	S 1	SSW 2	S 3	S 3	S 3	S 3	S 3	S 3	S 3	NNE 2	N 2	S 3	S 2	S 2					
水色	2	6	16	17	15	15	12	13	12	5	5	4	5	5	3	3	3	3	2					
透明度	16	6.5	13	1.5	2	1.5	3.5	6	3.5	11	10	11	9	5	14	13	13	17	17					
波浪	S 1	S 1	NNE 2	NW 1	NW 1	NW 1	W 1	W 1	W 1	N 2	N 2	N 2	N 2	S 2	S 2	S 2	N 2	NNE 2	N 2					
潮位	N 1	N 1	N 1	N 1	N 1	N 1	N 2	N 2	N 2	N 2	N 2	N 1	N 1	S 1	S 1	S 1	N 2	N 2	N 2					
測点水深(m)	80	62	628	27	30	44	57	32	90	64	121	600	282	153	1,252	688	847	118	560					
水温 (℃)	26.0	27.3	27.4	28.2	27.6	27.2	26.7	26.4	27.2	26.0	26.4	26.6	25.9	26.0	25.8	25.6	25.6	27.0	26.6					
10m	24.71	25.08	25.08	26.49	25.89	25.57	25.69	25.36	25.21	24.92	25.05	23.98	25.23	25.47	25.97	25.24	25.37	23.78	24.92					
20m	22.07	24.47	24.28	22.54	22.87	21.90	20.89	23.60	23.89	21.45	22.55	23.22	24.65	23.30	24.46	24.18	22.36	22.02	21.08					
30m	20.89	21.31	22.58	19.98		20.90	19.54	20.28	19.79	20.15	20.83	21.63	23.92	21.87	23.05	21.19	19.99	19.88	20.79					
50m	17.31	19.15				19.50(40m)	16.86		18.86	18.22	18.87	17.66	19.71	19.10	18.89	17.45	18.46	18.11	19.36					
75m			18.02						18.87	18.39	18.87	15.39	18.50	18.00	18.87	16.25	18.46	17.22	17.36					
100m			16.53						16.02		16.02	15.53	17.06	16.63	15.60	15.61	15.89	16.82	16.82					
150m			14.90									14.69	15.36	16.63	14.37	12.21	12.83	14.82	14.82					
200m			13.66									11.90	11.74		11.71	11.34	11.59	12.73	12.73					
250m			9.38									9.89			9.97	9.82	10.43		10.91					
300m			7.95									8.62			8.73									
400m			6.77									6.92			6.85									
500m			5.50									6.08			5.89									
600m																								
塩分	34.0	33.4	33.8	30.5	30.5	31.2	31.3	33.0	32.5	33.9	33.5	33.5	33.9	32.7	33.1	33.2	33.4	33.8	33.7					
10m	34.11	33.66	34.00	32.15	31.68	31.92	32.32	33.50	33.55	33.99	33.86	34.06	33.91	33.92	33.80	33.78	33.71	34.21	34.19					
20m	34.39	33.73	34.11	33.19	33.12	33.50	33.79	33.59	33.59	34.36	34.28	34.14	34.05	34.30	34.10	34.09	34.27	34.40	34.43					
30m	34.49	33.98	34.35	33.90	33.73	33.95	34.20	34.04	34.38	34.47	34.46	34.39	34.13	34.35	34.20	34.38	34.44	34.50	34.48					
50m	34.58	34.37	34.57			34.03(40m)	34.31		34.43	34.52	34.52	34.56	34.49	34.50	34.51	34.55	34.51	34.51	34.51					
75m			34.59						34.47	34.43	34.55	34.56	34.54	34.54	34.56	34.55	34.55	34.55	34.54					
100m			34.59						34.45	34.43	34.55	34.55	34.55	34.56	34.55	34.50	34.55	34.58	34.58					
150m			34.54						34.42	34.43	34.42	34.42	34.41	34.41	34.41	34.40	34.40	34.46	34.53					
200m			34.50						34.34	34.34	34.34	34.34	34.34	34.34	34.34	34.34	34.34	34.40	34.46					
250m			34.39						34.30	34.30	34.30	34.30	34.30	34.30	34.30	34.30	34.30	34.36	34.37					
300m			34.35						34.27	34.27	34.27	34.27	34.27	34.27	34.27	34.27	34.27	34.31	34.31					
400m			34.35						34.25	34.25	34.25	34.25	34.25	34.25	34.25	34.25	34.25	34.25	34.25					
500m			34.32																					
600m																								
溶存酸素 (mg/l)	0m																							
10m																								
20m																								
30m																								
50m																								
75m																								
100m																								
150m																								
200m																								
250m																								
300m																								
400m																								
500m																								
600m																								
COD (ppm)	0m	1.06	1.38	0.85	7.02	8.59	4.05	5.70	3.63	3.15	1.34	2.86												
10m																								
30m																								
50m																								
100m																								
250m																								
NH ₄ -N (μM)	0m	***	***	***	0.33	0.53	0.42	0.41	0.59	0.23	0.19	0.70	0.05	0.09	***	0.17	***	***	0.09					
10m																								
30m																								
50m																								
100m																								
250m																								
NO ₃ -N (μM)	0m	0.07	0.08	0.10	0.09	0.19	0.28	0.12	0.13	0.13	0.19	0.10	0.11	0.11	0.10	0.10	0.10	0.11	0.12					
10m																								
30m																								
50m																								
100m																								
250m																								
NO ₃ -N (μM)	0m	***	***	***	2.08	***	***	***	***	***	1.91	***	***	11.08	***	***	***	***	***					
10m																								
30m																								
50m																								
100m																								
250m																								
PO ₄ -P (μM)	0m	0.19	0.23	0.19	0.89	0.80	0.84	0.77	0.56	0.41	0.52	0.09	0.13	0.17	0.08	0.12	0.08	0.17	0.18					
10m																								
30m																								
50m																								
100m																								
250m																								

***は検出限界以下を示す





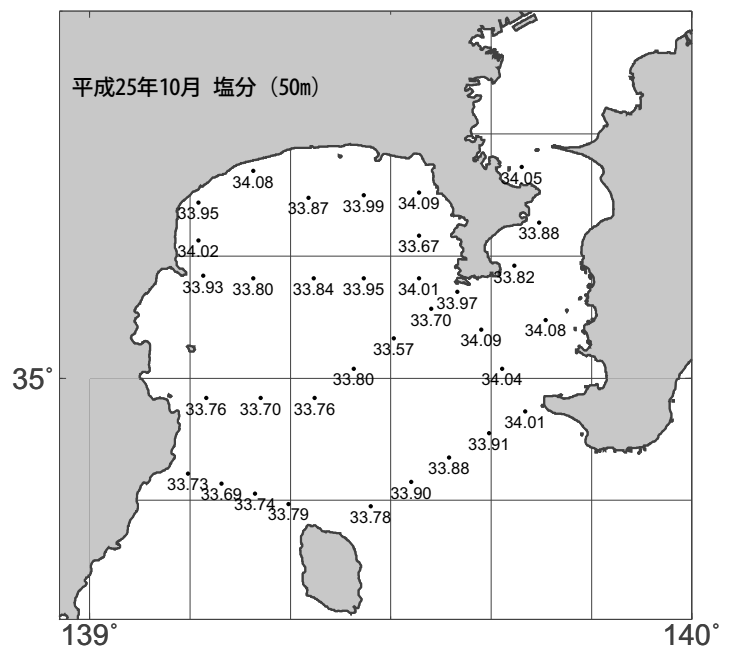
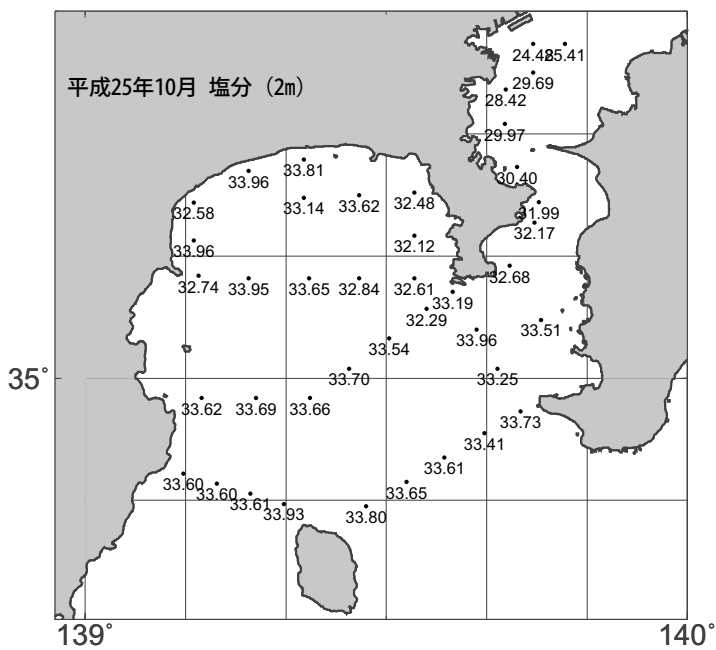
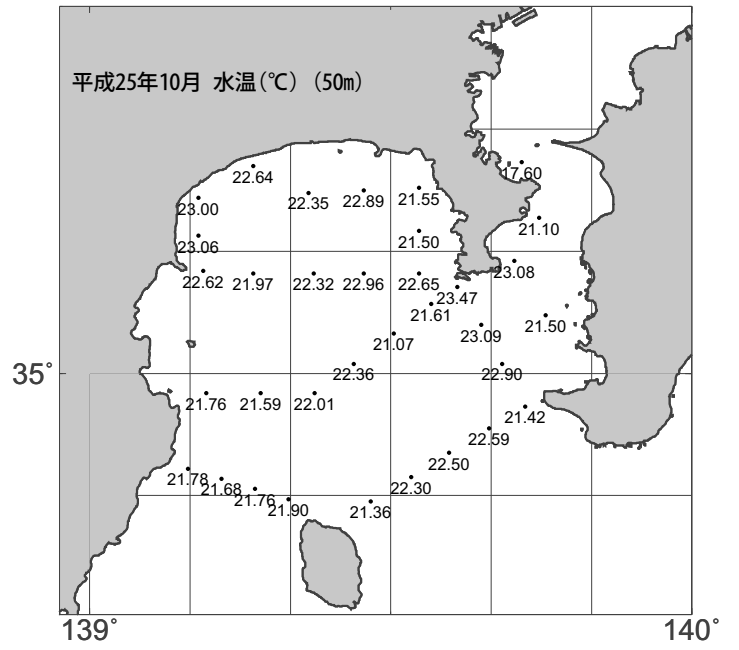
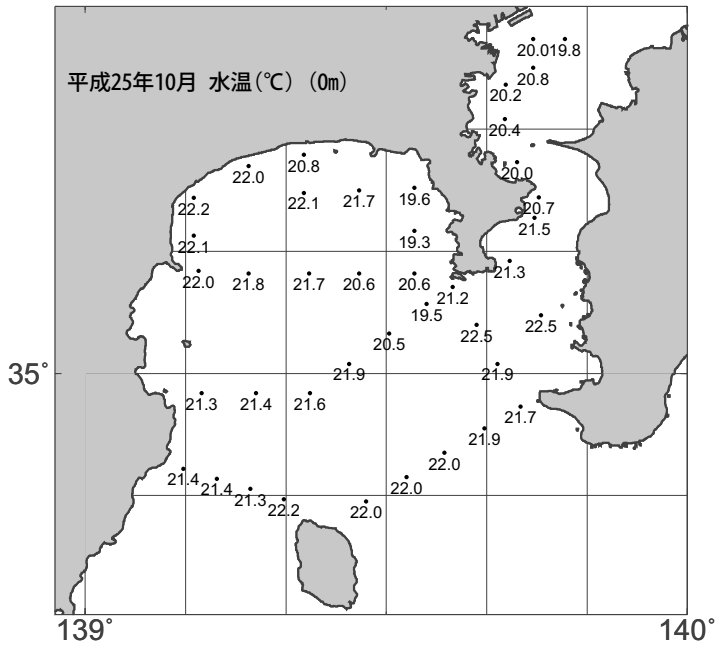
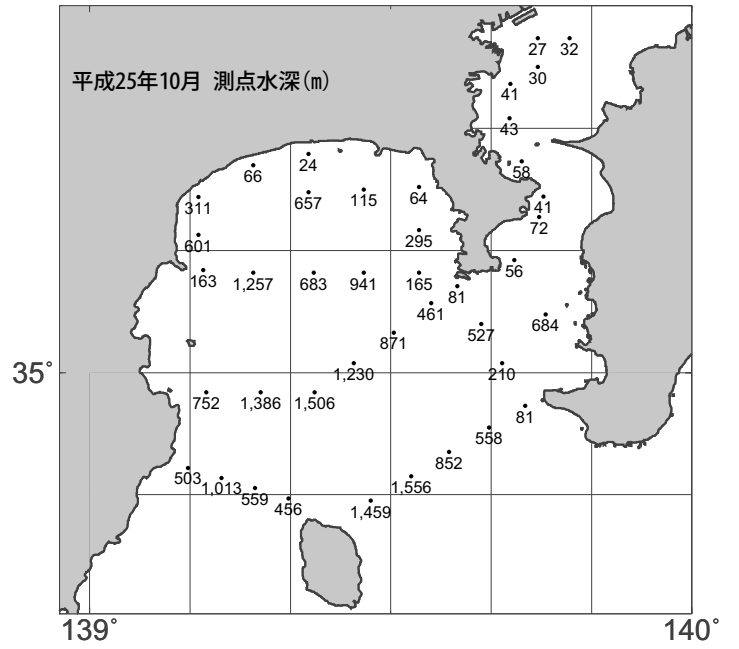
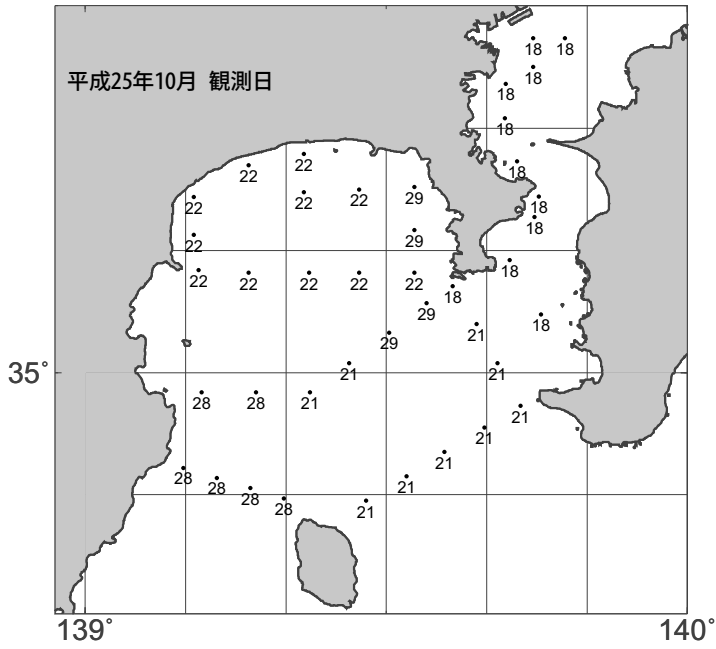
測定項目	浅海定線調査 (平成25(2013)年10月)														沿岸定線調査 (平成25(2013)年10月)																												
	13	27	29	112	117	118	123	124	129	134	136	1	2	3	5	6	7	9	10	12	14	13	27	29	112	117	118	123	124	129	134	136	1	2	3	5	6	7	9	10	12	14	
観測日	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
開始時刻	8:48	10:40	13:39	14:01	14:03	13:09	12:46	12:24	11:59	11:32	11:10	9:14	15:12	14:18	12:37	11:39	11:04	10:13	9:40	9:07	8:25	14:18	14:40	14:40	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	
終了時刻	8:51	10:42	10:05	13:41	14:03	13:11	12:48	12:26	12:01	11:33	11:13	9:16	15:17	14:50	14:10	11:44	11:13	10:34	9:48	9:10	8:35	14:50	15:17	15:17	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46	12:46
天気	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC
気温 (°C)	17.3	17.5	18.7	18.3	18.1	18.7	18.3	18.3	18.3	18.1	18.1	18.7	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
気圧 (hPa)	1029.8	1029.2	1029.4	1028.4	1029.2	1028.9	1028.6	1028.6	1028.6	1029.0	1029.0	1028.6	1028.6	1028.6	1028.6	1028.6	1028.6	1028.6	1028.6	1028.6	1028.6	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
風向(風力)	NE 3	N 4	N 4	NE 2	N 3	N 3	N 3	N 3	N 3	N 3	N 3	N 3	N 3	N 3	N 3	N 3	N 3	N 3	N 3	N 3	N 3	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	N 4	
水色	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
透明度	8	8.5	7	2.5	2.5	5.5	5	5	7.5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
波高	S 2	SW 1	W 2	W 2	SW 2	SW 2	SW 1	SSW 1	SSW 1	SW 2	SW 2	SW 2	SW 2	SW 2	SW 2	SW 2	SW 2	SW 2	SW 2	SW 2	SW 2	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1	NNW 1		
測点水深(m)	81	56	684	32	27	30	41	43	58	41	72	64	115	667	311	163	1.257	683	941	165	527.5	22.0	21.8	21.8	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	
水温 (°C)	21.2	21.3	22.5	19.8	20.0	20.8	20.2	20.4	20.0	20.7	21.5	19.6	21.7	22.1	22.2	22.0	21.8	21.7	20.6	20.6	20.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	
塩分	33.19(2m)	32.68(2m)	33.51(2m)	25.41(2m)	24.48(2m)	29.65(2m)	28.42(2m)	29.97(2m)	30.40(2m)	31.98(2m)	32.17(2m)	32.48(2m)	33.62(2m)	33.14(2m)	32.58(2m)	32.74(2m)	33.95(2m)	32.84(2m)	32.84(2m)	32.61(2m)	33.96(2m)	33.86	33.75	33.86	33.75	33.86	33.75	33.86	33.75	33.86	33.75	33.86	33.75	33.86	33.75	33.86	33.75	33.86	33.75	33.86	33.75	33.86	
浮遊酸素 (mg/l)	4.63(2m)	4.67(2m)	4.58(2m)	4.91(2m)	5.12(2m)	4.94(2m)	5.02(2m)	4.82(2m)	4.78(2m)	4.63(2m)	4.62(2m)	4.89(2m)	4.71(2m)	4.76(2m)	4.77(2m)	4.75(2m)	4.63(2m)	4.70(2m)	4.70(2m)	4.64(2m)	4.59(2m)	4.66	4.55	4.66	4.55	4.66	4.55	4.66	4.55	4.66	4.55	4.66	4.55	4.66	4.55	4.66	4.55	4.66	4.55	4.66	4.55	4.66	
COD (ppm)	0.96	0.96	0.82	1.76	1.84	1.52	1.26	1.36	1.41	1.22	0.93	0.77	0.61	0.69	0.74	0.61	0.58	0.64	0.77	0.85	0.74	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	
NH ₄ -N (μM)	0.94	1.59	0.76	6.08	6.26	6.03	5.77	5.23	5.19	2.86	2.14	1.52	0.33	0.71	0.67	0.65	0.27	0.34	0.69	2.24	0.36	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	
NO ₃ -N (μM)	0.66	0.78	0.38	1.79	1.81	1.66	1.72	1.64	1.62	1.15	0.99	1.13	0.26	0.11	0.25	0.24	0.22	0.24	0.69	0.78	0.19	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	
NO ₂ -N (μM)	21.67	31.34	14.19	44.35	44.76	44.35	43.90	44.61	45.27	45.65	40.44	41.55	15.12	16.25	27.73	19.64	5.90	12.24	30.31	34.64	6.32	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62	
PO ₄ -P (μM)	0.28	0.35	0.18	1.62	1.60	1.03	1.14	0.92	0.95	0.74	0.50	0.38	0.15	0.14	0.17	0.17	0.10	0.14	0.34	0.41	0.15	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	

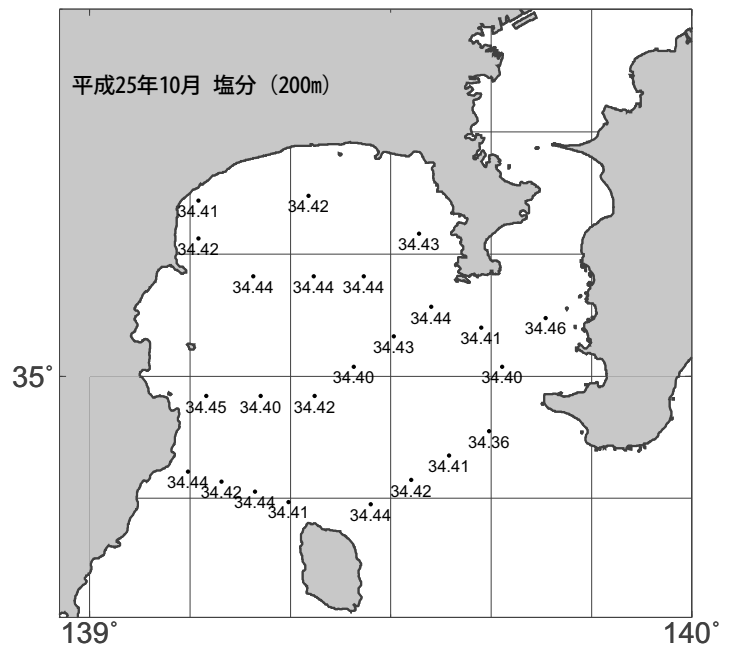
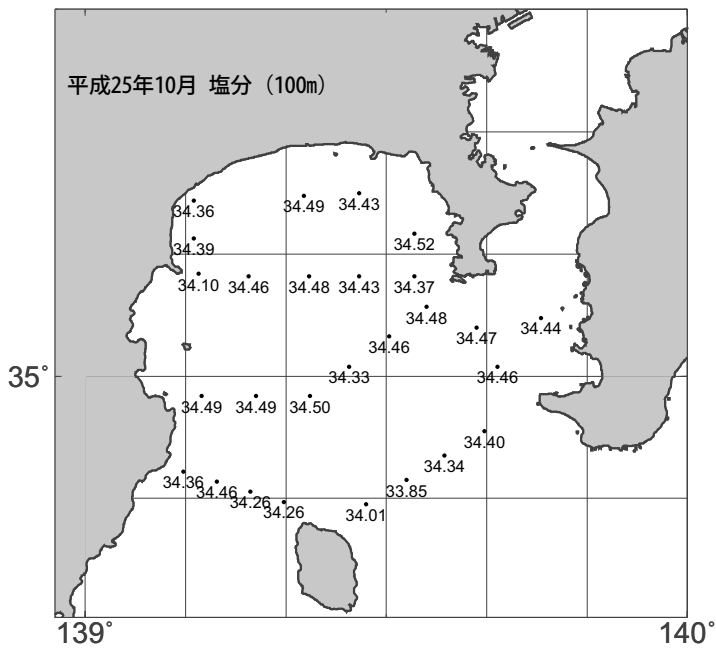
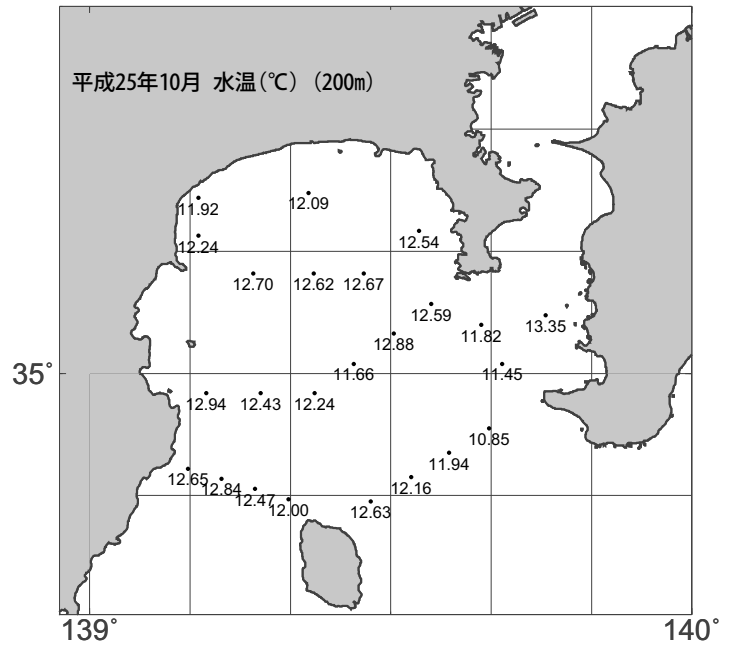
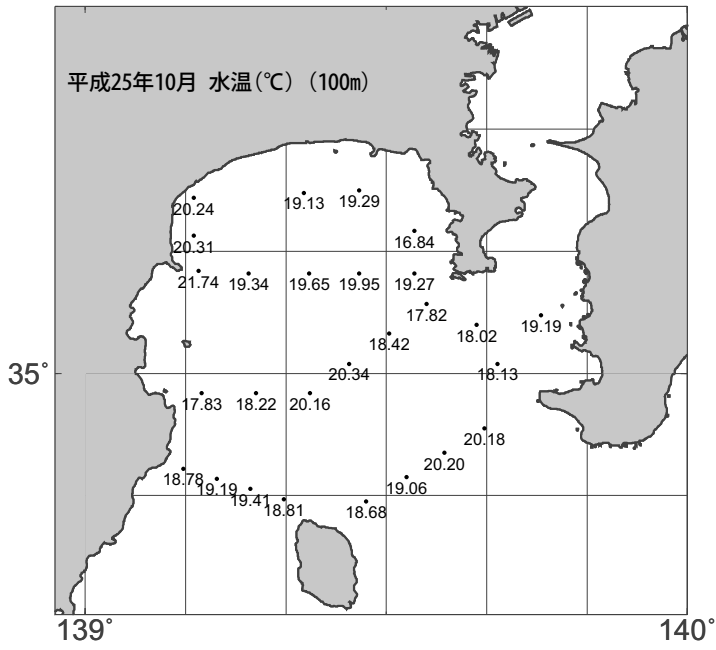
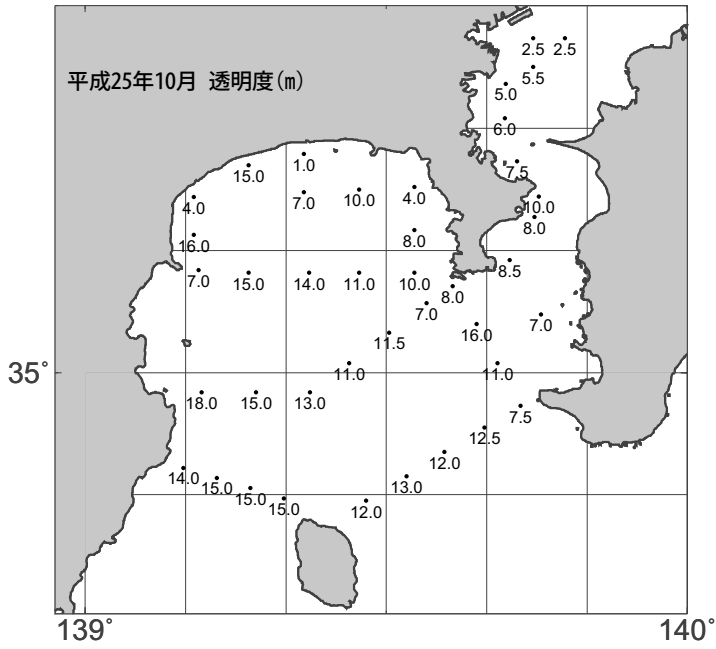
***は検出限界以下を示す

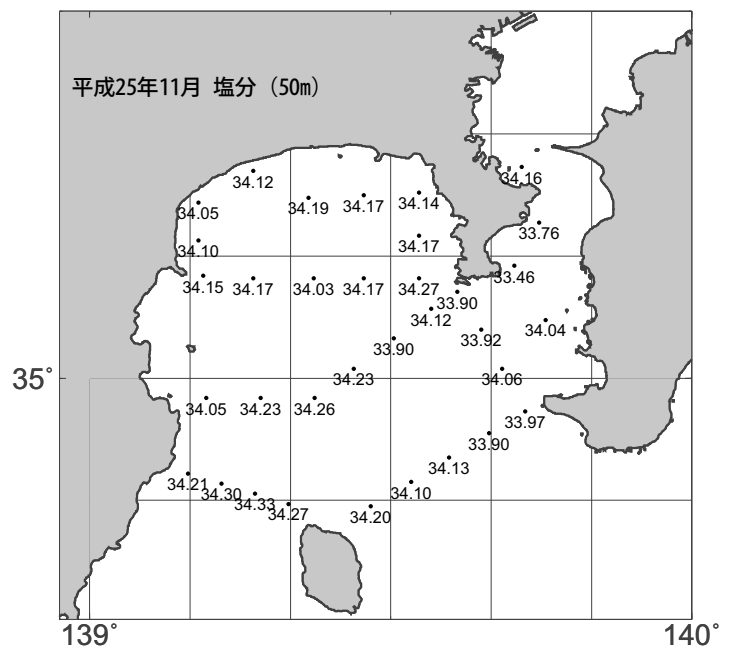
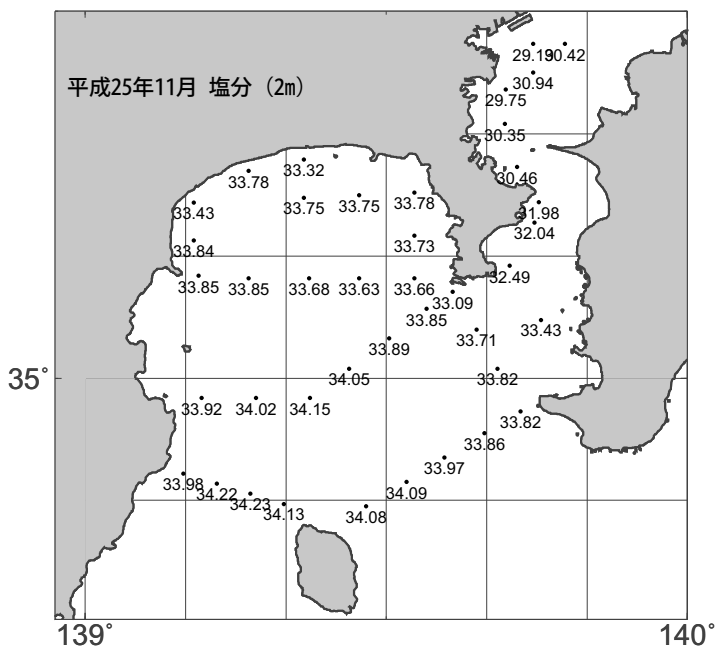
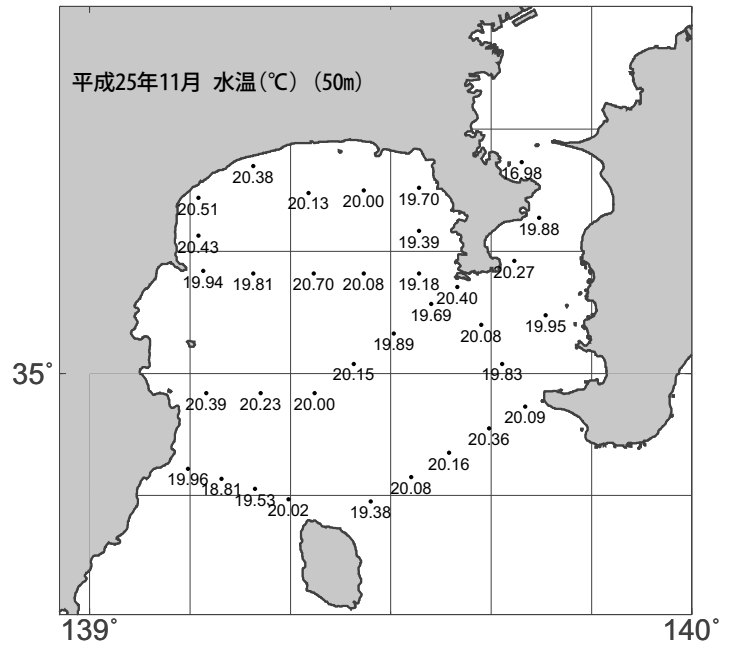
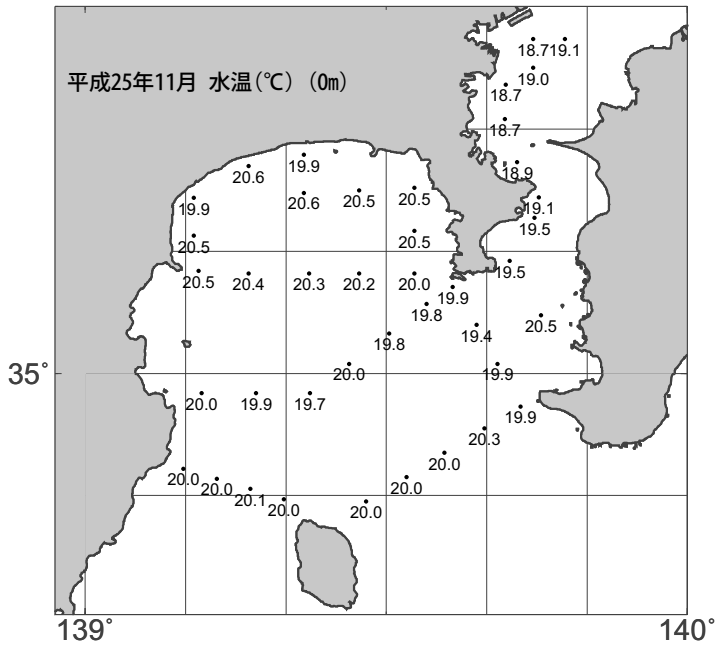
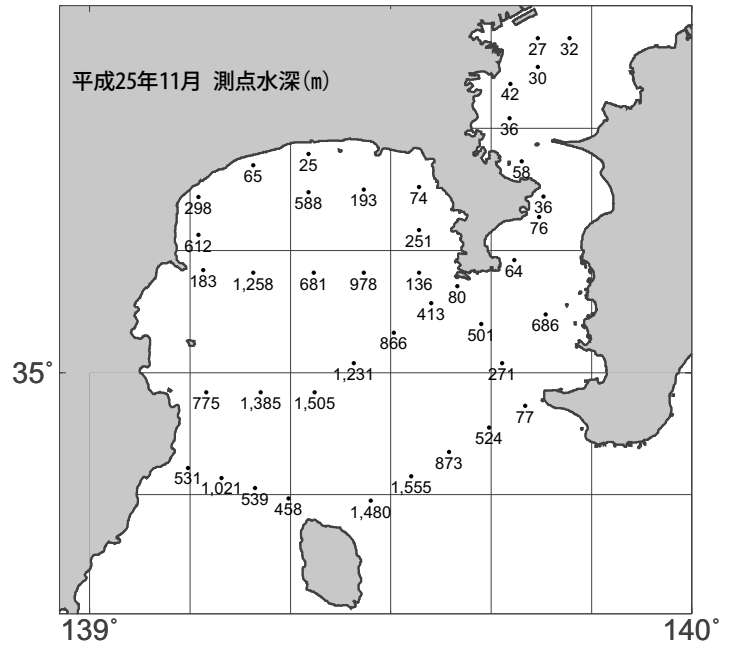
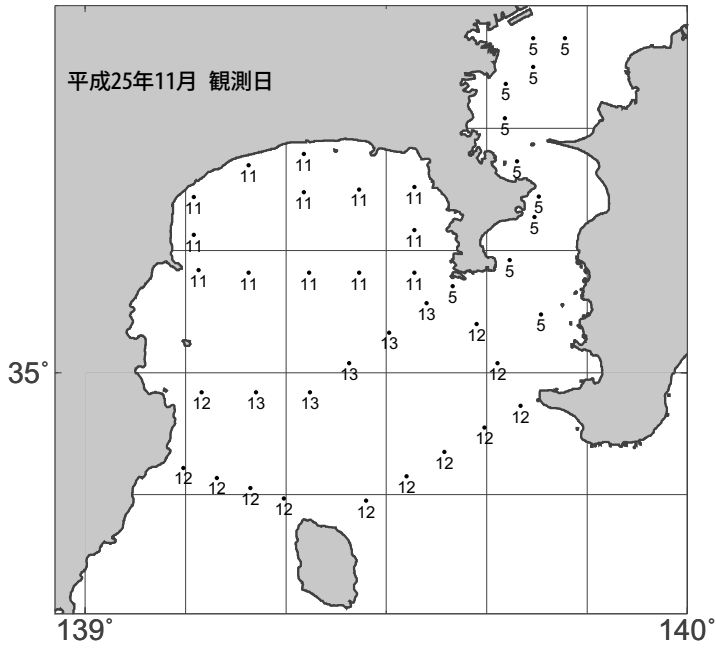
沿岸監視調査 (平成25(2013)年10月)

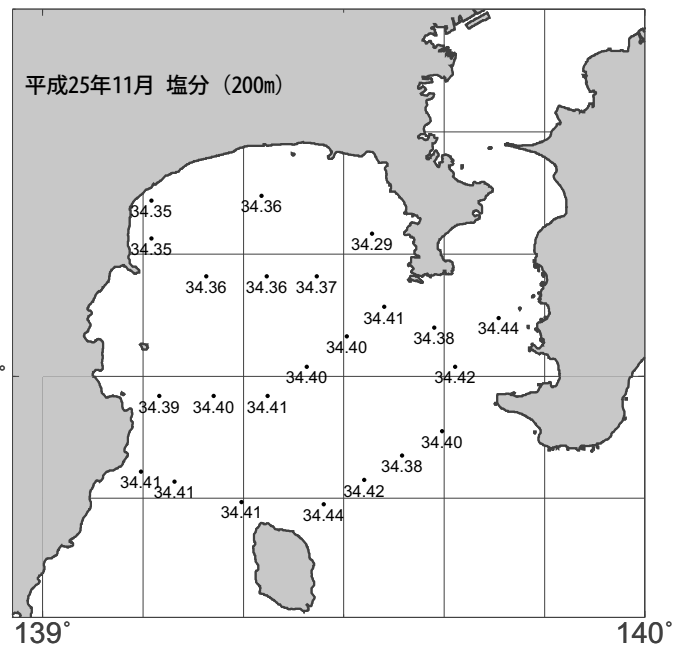
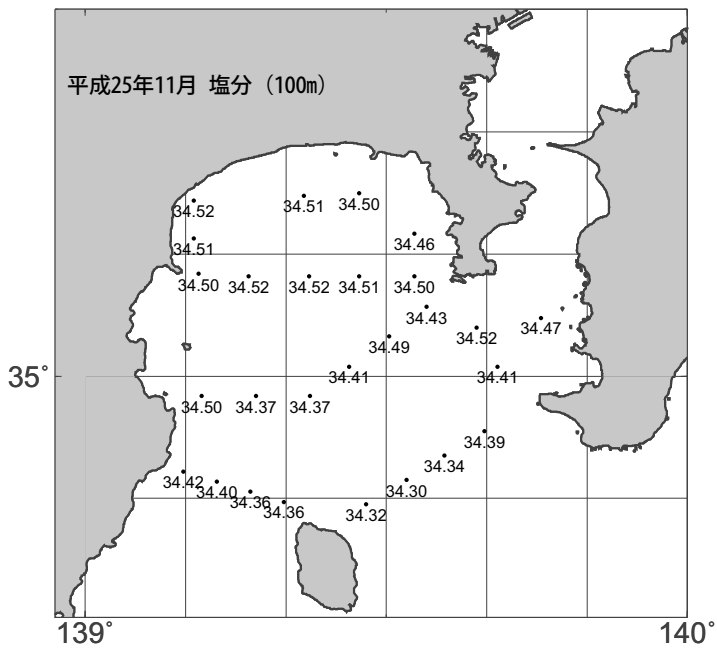
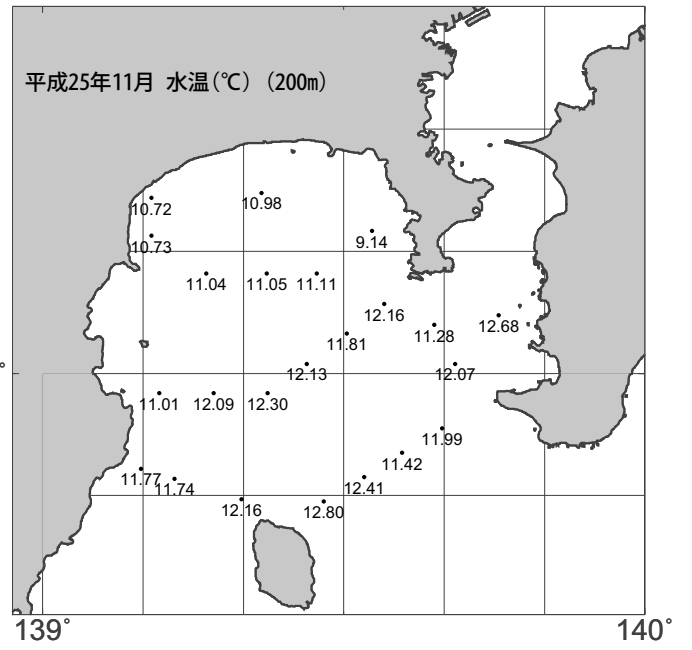
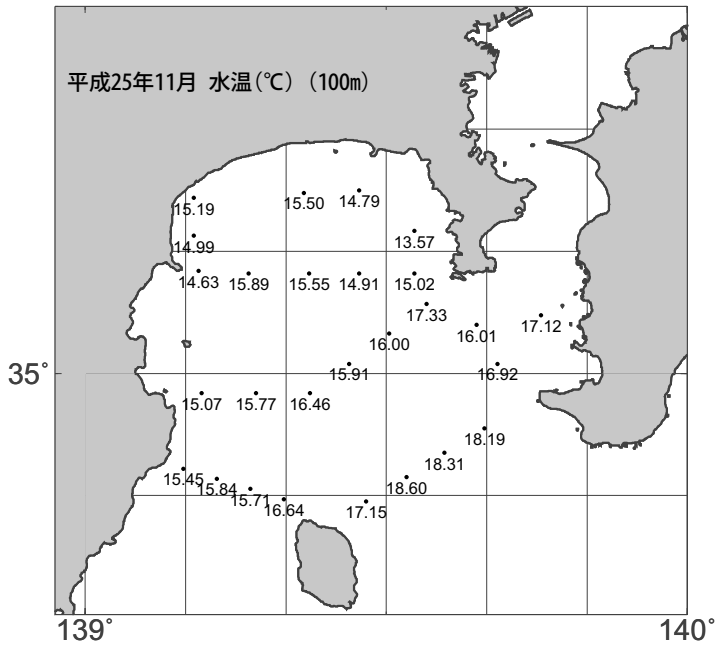
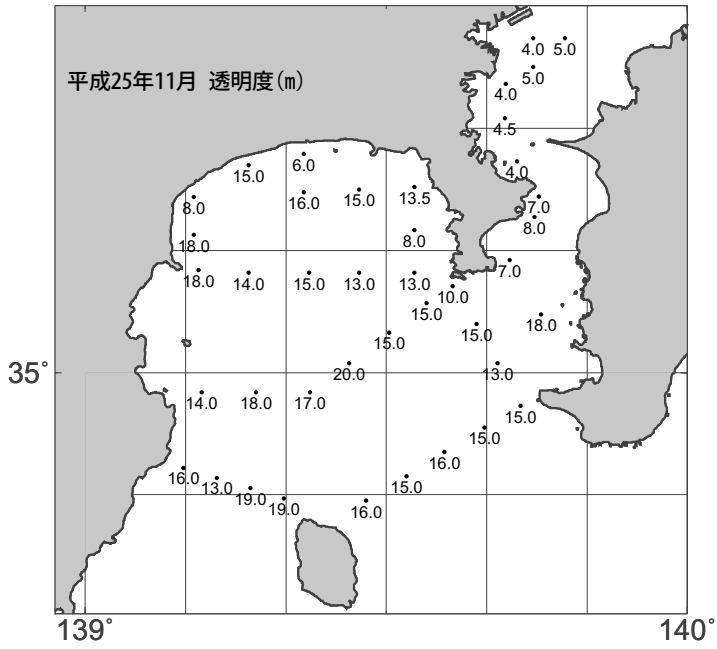
測点	10月											測点						
	15	16	17	18	19	22	23	24	25	26	A							
観測日	21	29	29	21	21	21	21	21	21	21	21	28	28	28	28	28	28	
開始時刻	9:55	7:51	7:15	14:30	13:43	12:23	11:52	11:22	10:49	10:25	13:21	13:55	12:07	12:14	12:42	13:08	15:14	
終了時刻	10:01	8:00	7:23	14:38	14:03	12:46	12:01	11:30	11:00	10:27	13:23	13:56	12:14	12:51	12:51	13:16	15:24	
天気			R	0	0	0	0	0	0	0	0	0	0	0	BC	BC	BC	
気温 (℃)			16.5	20.1	19.9	19.9	19.2	19.6	19.2	19.6	19.6	19.5	15.1	22.8	23.2	23.2	23.2	
気圧 (hPa)			1024.6	1024.6	1024.3	1023.3	1023.3	1023.3	1023.3	1023.3	1023.3	1023.3	1023.3	1023.3	1023.3	1023.3	1023.3	
風向(風速)			MNE 4	NE 3	MNE 3	MNE 3	MNE 3	MNE 3	MNE 3	MNE 3	MNE 3	MNE 3	MNE 3	MNE 3	MNE 2	MNE 2	MNE 2	
透明度			3	3	2	2	2	2	2	2	3	14	4	3	4	3	3	
波高			7	11.5	11	13	12	12	12.5	7.5	15	1	16	8	15	14	18	
波速			S 3	SW 3	S 3	S 3	S 3	S 2	SE 2	S 2	S 2	S 2	S 2	S 2	SW 2	SSW 2	SSW 2	
波向き			S 1	NW 3	N 2	N 2	NW 2	NW 2	NW 2	NW 2	NW 2	NW 2	NW 2	NW 2	S 1	S 1	S 1	
測点水深(m)	210	461	871	1,230	1,506	1,459	1,566	852	558	81	66	24	601	295	1,013	503	752	
水温 (℃)	0m	21.9	21.9	21.9	21.6	22.0	22.0	22.0	21.9	21.7	22.0	20.8	22.1	19.3	21.3	21.4	21.3	
	10m	21.91	21.44	21.02	22.17	22.36	22.21	22.18	22.04	21.85	22.99	22.96	22.97	21.38	22.44	21.54	21.63	
	20m	22.55	21.51	21.07	22.30	22.11	22.21	22.18	22.04	21.86	22.99	22.96	22.97	21.38	22.44	21.54	21.63	
	30m	23.18	21.52	21.08	22.35	22.12	22.21	22.18	22.04	21.86	22.99	22.96	22.97	21.38	22.44	21.54	21.63	
	50m	22.90	21.61	21.07	22.36	22.12	22.21	22.18	22.04	21.86	22.99	22.96	22.97	21.38	22.44	21.54	21.63	
	70m	20.39	21.22	20.78	22.41	22.03	22.03	22.03	22.03	21.42	22.64	22.64	22.64	21.87	21.87	21.87	21.87	
	100m	18.13	17.82	18.42	20.34	20.16	19.68	19.68	20.20	20.18	20.31	20.31	20.31	18.61	18.61	18.61	18.61	
	150m	13.74	14.23	14.11	14.77	14.09	15.14	14.99	15.49	14.44	14.80	14.80	14.80	13.82	13.82	13.82	13.82	
	200m	11.45	12.59	12.88	11.66	12.24	12.63	12.16	11.94	10.85	12.24	12.24	12.24	12.00	12.00	12.00	12.00	
	250m		11.33	11.51	10.86	11.21	11.60	9.62	8.61	9.35			10.01	10.01	10.01	10.01	10.01	
	300m					9.97	9.86											
	400m					7.01	6.91											
	500m					5.61	5.56											
	600m					4.87	4.66											
塩分	0m	33.25(2m)	32.29(2m)	33.54(2m)	33.70(2m)	33.66(2m)	33.65(2m)	33.61(2m)	33.41(2m)	33.73(1m)	33.95(2m)	33.81(2m)	33.96(2m)	32.12(2m)	33.93(2m)	33.61(2m)	33.62(2m)	
	10m	33.31	33.63	33.54	33.70	33.66	33.65	33.63	33.42	33.78	33.98	33.95	33.97	33.26	33.83	33.61	33.62	
	20m	33.83	33.66	33.55	33.77	33.66	33.65	33.63	33.42	33.82	33.98	33.95	33.97	33.26	33.83	33.61	33.62	
	30m	34.11	33.66	33.55	33.80	33.67	33.87	33.80	33.86	33.82	34.02	33.96	33.97	33.26	33.83	33.61	33.62	
	50m	34.04	33.70	33.57	33.80	33.76	33.83	33.87	33.88	33.85	34.04	33.96	33.97	33.26	33.83	33.61	33.62	
	70m	34.45	34.11	33.87	33.83	33.87	33.84	33.88	34.10	34.01	34.08	34.02	34.02	33.67	33.79	33.69	33.76	
	100m	34.46	34.48	34.46	34.50	34.50	34.51	33.85	34.34	34.40	34.05	34.35	34.20	34.20	33.97	33.94	33.81	
	150m	34.47	34.50	34.49	34.52	34.50	34.52	34.51	34.53	34.50	34.52	34.46	34.39	34.52	34.26	34.46	34.49	
	200m	34.40	34.44	34.43	34.40	34.42	34.42	34.41	34.42	34.42	34.44	34.44	34.42	34.42	34.44	34.44	34.45	
	250m	34.39	34.39	34.36	34.36	34.37	34.39	34.30	34.25	34.28	34.30	34.30	34.32	34.33	34.33	34.33	34.36	
	300m					34.26	34.24											
	400m					34.25	34.24											
	500m					34.27	34.28											
	600m					4.75(2m)	4.75(2m)	4.72(2m)	4.65(2m)	4.56(1m)	4.59(2m)	4.62(2m)	4.62(2m)	4.91(2m)	4.73(2m)	4.73(2m)	4.80(2m)	
浮游藻類 (ml/l)	0m	4.63(2m)	5.02(2m)	4.75(2m)	4.70(2m)	4.75(2m)	4.72(2m)	4.72(2m)	4.72(2m)	4.72(2m)	4.56(1m)	4.62(2m)	4.62(2m)	4.62(2m)	4.73(2m)	4.73(2m)	4.78(2m)	
	10m	4.62	4.72	4.76	4.72	4.73	4.67	4.71	4.66	4.54	4.58	4.60	4.62	4.67	4.70	4.74	4.79	
	20m	4.60	4.69	4.75	4.66	4.77	4.61	4.62	4.64	4.52	4.58	4.54	4.59	4.70	4.69	4.73	4.75	
	30m	4.59	4.70	4.75	4.67	4.73	4.67	4.62	4.63	4.50	4.58	4.54	4.60	4.79	4.68	4.73	4.69	
	50m	4.64	4.64	4.74	4.67	4.66	4.68	4.61	4.61	4.31	4.40	4.40	4.59	4.72	4.60	4.63	4.61	
	70m	4.22	4.20	4.46	4.60	4.65	4.70	4.60	4.43	4.31	4.40	4.46	4.46	3.82	4.30	4.49	4.42	
	100m	3.73	3.72	4.01	3.98	4.56	4.32	4.48	4.08	3.99	4.08	3.91	3.91	3.66	4.23	4.21	3.97	
	150m	3.48	3.54	3.53	3.63	3.58	3.64	3.63	3.64	3.56	3.64	3.59	3.59	3.52	3.74	3.60	3.70	
	200m	3.21	3.40	3.55	3.37	3.43	3.42	3.40	3.23	3.35	3.23	3.41	3.41	3.41	3.43	3.40	3.44	
	250m					3.31	3.22	3.13	3.14									
	300m					3.22	3.15	2.97										
	400m					2.41	2.41	2.41										
	500m					1.96	1.95	1.95										
	600m					1.87	1.89	1.89										
COD (ppm)	0m	0.61	0.74	0.53	0.67	0.61	0.58	0.54	0.56	0.58	0.62	0.74	0.62	0.82	0.72	0.62	0.67	
	10m					0.64	0.64	0.64										
	30m					0.42	0.38	0.42										
	50m					0.38	0.42	0.42										
	100m					0.24	0.24	0.24										
	250m					0.06	0.06	0.06										
NH ₄ -N (μM)	0m	1.42	1.20	0.11	0.42	0.46	0.39	0.57	1.20	0.39	0.33	0.59	0.27	2.04	0.09	0.20	0.22	
	10m					0.38	0.38	0.38										
	30m					0.13	0.13	0.13										
	50m					0.29	0.29	0.29										
	100m					0.05	0.05	0.05										
	250m					0.07	0.07	0.07										
NO ₃ -N (μM)	0m	0.52	1.22	0.67	0.29	0.28	0.27	0.33	0.43	0.33	0.22	0.28	0.21	1.31	0.34	0.85	0.80	
	10m					0.28	0.27	0.27										
	30m					0.27	0.27	0.27										
	50m					0.30	0.30	0.30										
	100m					0.16	0.16	0.16										
	250m					0.10	0.10	0.10										
NO ₃ -N (μM)	0m	20.93	44.00	9.18	8.76	8.87	7.19	10.48	17.30	12.45	5.51	24.89	4.57	44.93	5.62	15.00	14.80	
	10m					7.72	7.72	7.72										
	30m					5.59	5.59	5.59										
	50m					6.47	6.47	6.47										
	100m					20.98	20.98	20.98										
	250m					46.20	46.20	46.20										
PO ₄ -P (μM)	0m	0.23	0.39	0.11	0.12	0.12	0.10	0.13	0.18	0.16	0.10	0.19	0.09	0.51	0.10	0.15	0.16	
	10m					0.11	0.11	0.11										
	30m					0.08	0.08	0.08										
	50m					0.08	0.08	0.08										
	100m					0.25	0.25	0.25										
	250m					1.13	1.13	1.13										

***は検出限界以下を示す



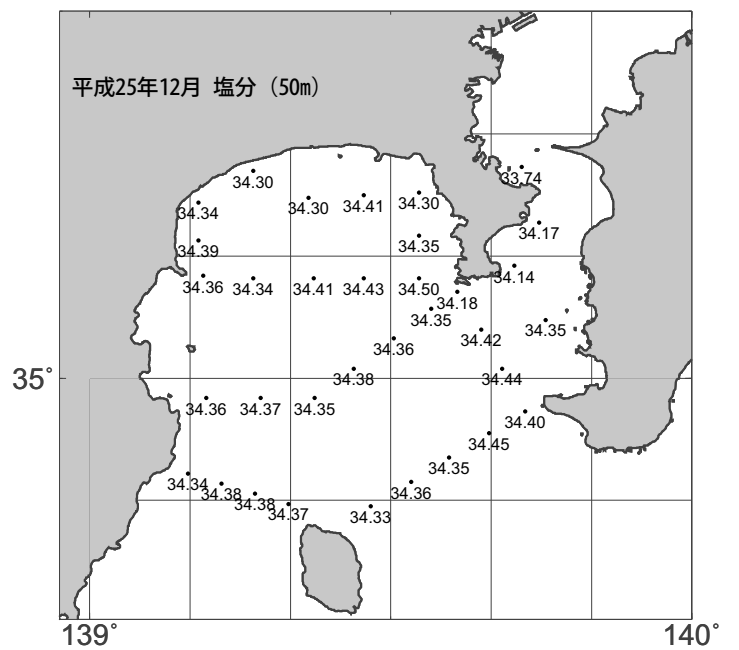
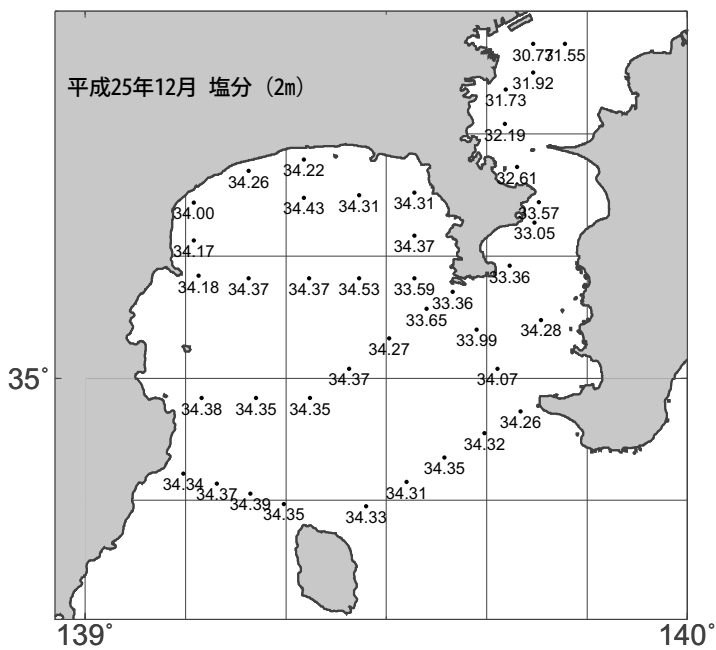
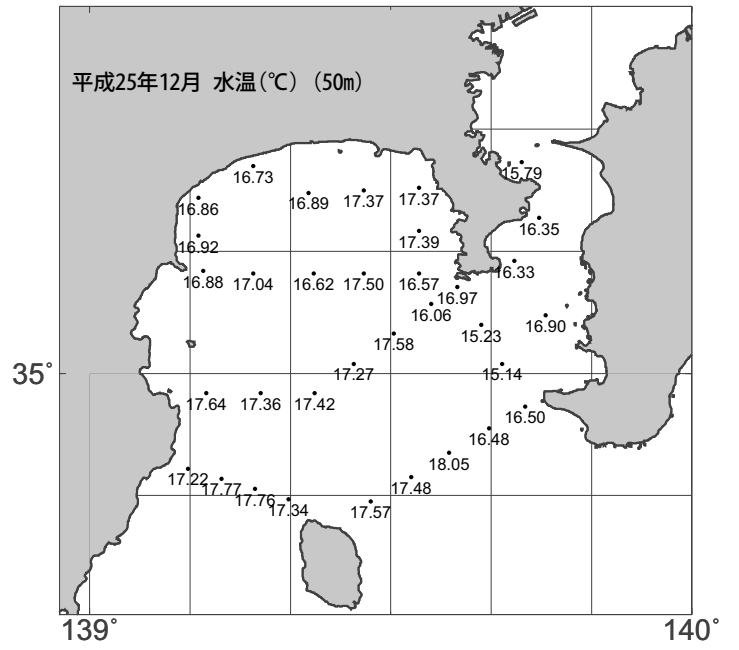
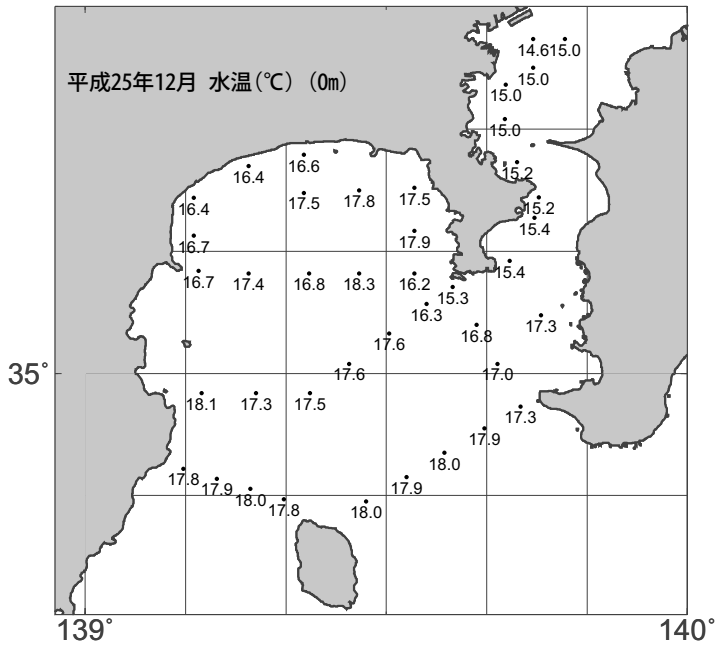
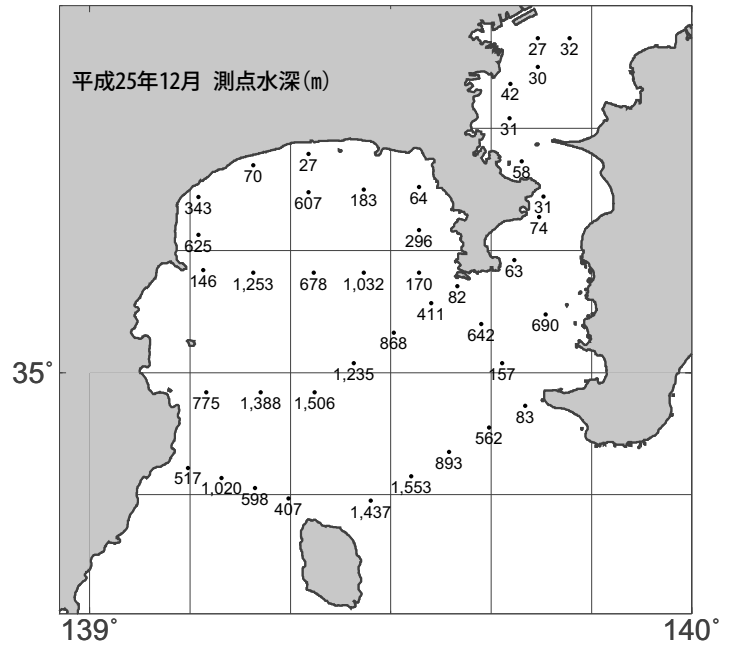
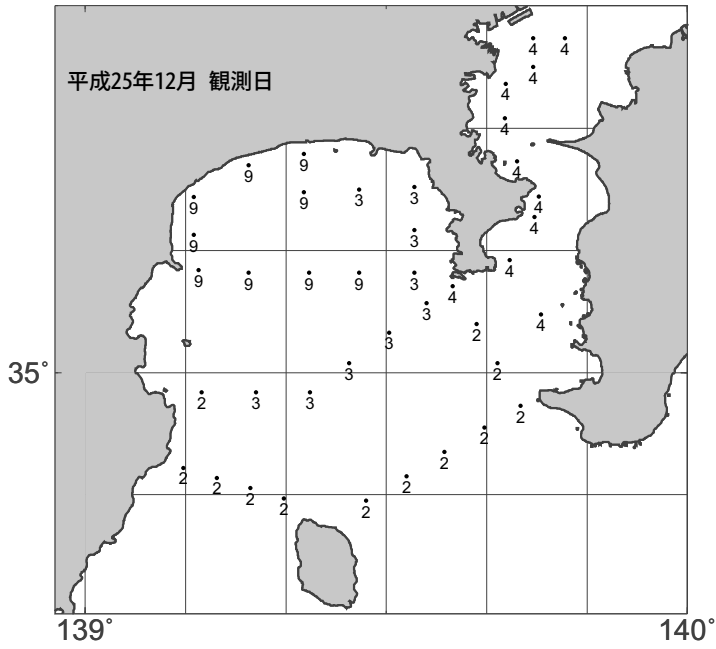


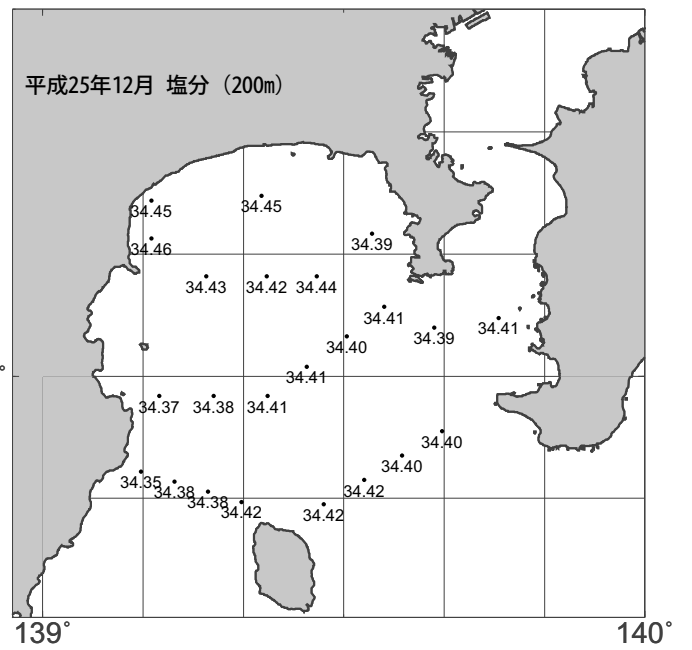
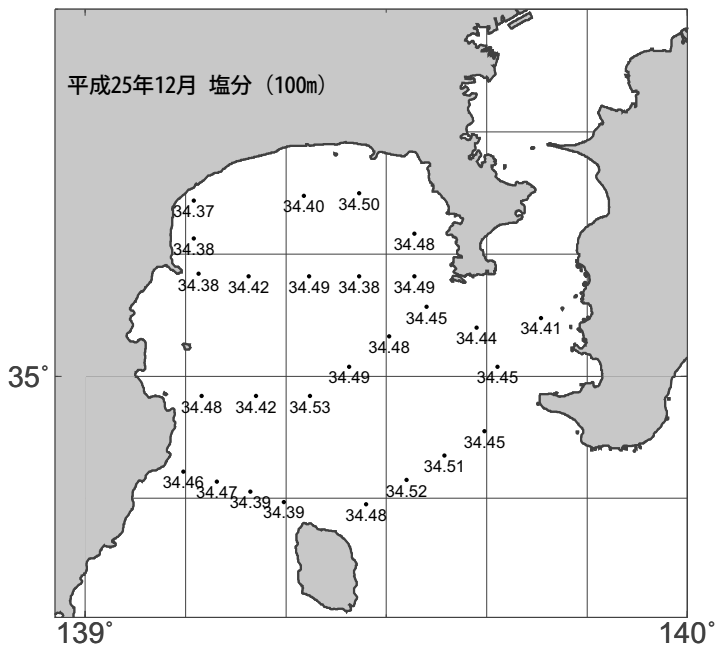
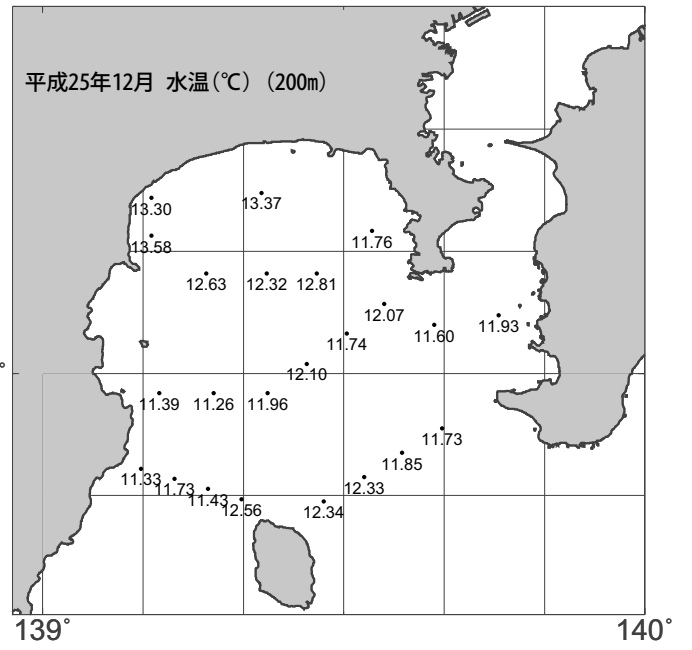
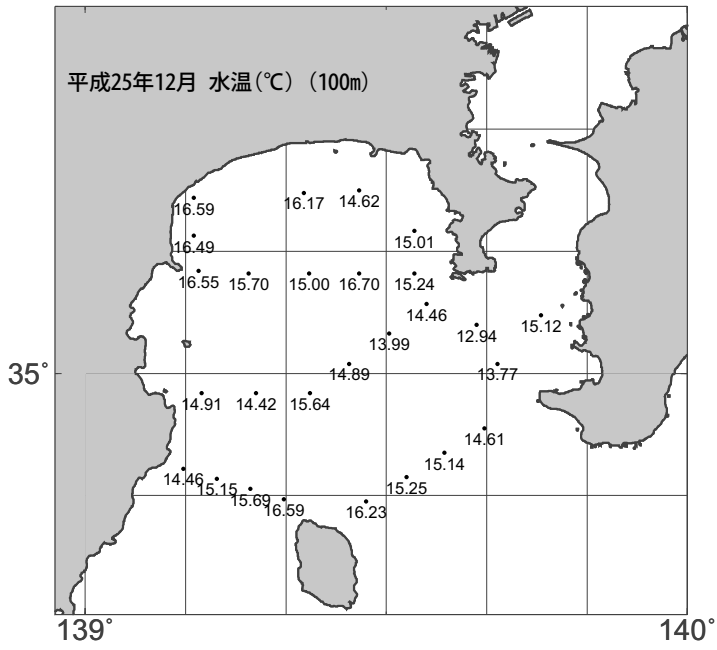
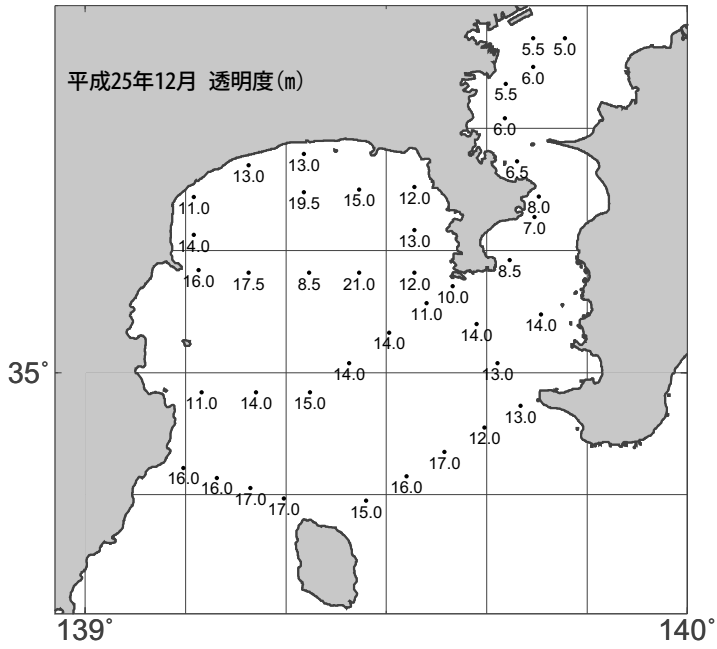




測点	浅海定線調査(平成25(2013)年12月)											沿岸定線調査(平成25(2013)年2月)										
	13	27	29	117	118	123	124	129	134	136	1	2	3	5	6	7	9	10	12	14		
観測日	8:44	10:31	9:36	13:26	12:36	12:13	11:49	11:22	11:00	10:58	11:29	13:54	12:17	11:24	10:51	9:58	9:25	10:01	9:07			
開始時刻	8:47	10:34	9:56	13:28	12:38	12:15	11:52	11:24	11:03	11:00	11:32	14:10	12:24	11:28	10:58	10:19	9:33	10:05	9:14			
天気	BC	BC	BC	BC	BC	BC	BC	BC	BC	B	B	BC	BC	C	C	C	C	BC	BC			
気温(℃)	11.1	12.1	13.5	13.2	13.2	12.5	12.5	10.8	10.7	10.8	10.8	10.8	10.2	10.2	10.2	9.9	9.9	11.4	11.4			
気圧(hPa)	1016.0	1015.4	1013.5	1013.8	1013.8	1014.5	1014.5	1016.8	1016.8	1016.8	1016.8	1017.3	1017.3	1017.3	1020.3	1021.1	1021.1	1016.3	1016.3			
風向(風力)	N1	MNE2	MNE2	N1	N1	N1	N1	SE2	SE2	NE2	NE2	SE1	SE1	SE1	N2	N3	N3	NE2	NE2			
水色	4	4	3	6	6	5	6	4	5	4	3	1,017.30	6	6	4	4	4	4	3			
透明度	10	8.5	14	5.5	6	6	6.5	8	7	5	15	19.5	11	16	17.5	8.5	21	12	14			
波浪	SW2	SW1	S1	WSW1	WSW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	S2	S2	S2	SW1			
波ねり	S1	S1	S1	WSW1	WSW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	S1	S1	S1	NE1			
測点水深(m)	82	63	690	27	30	42	31	58	74	64	183	607	343	146	1,253	678	1,032	170	642			
水温(℃)	15.3	15.4	17.3	15.0	15.0	15.0	15.2	15.4	15.4	17.5	17.8	17.8	16.4	16.7	17.4	16.8	18.3	16.2	16.8			
0m	16.49	15.79	17.46	15.08	15.32	15.28	15.23	15.27	15.55	17.82	17.85	17.82	16.97	16.82	17.38	16.70	18.17	17.12	17.09			
10m	16.54	16.00	17.49	15.48	15.29	15.24	15.24	15.29	15.62	17.83	17.83	17.83	16.84	16.84	17.38	16.70	18.09	17.00	17.18			
20m	16.86	16.26	17.43	15.34	15.46	15.36	15.49	15.49	15.84	17.74	17.82	17.82	16.97	16.97	17.61	16.70	17.83	18.05	17.71			
30m	16.97	16.33	17.30	15.05(40m)	15.05(40m)	15.79	15.79	15.79	16.35	17.37	17.37	17.37	16.99	16.99	17.04	16.62	17.50	16.57	15.23			
40m	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96	15.96			
50m	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12	15.12			
100m	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92	12.92			
150m	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93			
200m	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61			
250m	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23			
300m	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90	8.90			
400m	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99			
500m	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88			
600m	5.00(2m)	5.11(2m)	4.97(2m)	5.77(2m)	5.55(2m)	5.52(2m)	5.44(2m)	5.15(2m)	5.14(2m)	5.13(2m)	5.16(2m)	4.92(2m)	5.28(2m)	5.12(2m)	4.91(2m)	5.15(2m)	4.68(2m)	5.27(2m)	5.13(2m)			
10m	4.91	5.08	5.00	5.60	5.30	5.32	5.38	5.17	4.53	5.03	5.16	4.91	4.73	5.10	4.91	5.16	4.65	5.13	5.10			
20m	4.97	4.77	4.84	4.69	4.36	4.94	5.38	5.05	4.42	4.84	5.13	4.90	4.62	5.09	4.83	5.14	4.68	5.02	5.10			
30m	4.95	4.67	4.84	4.06	4.09	4.43	4.17	4.43	4.56	4.92	5.13	4.88	4.71	4.99	4.88	5.15	4.72	4.99	4.88			
50m	4.78	4.42	4.55	3.91(40m)	3.91(40m)	4.43	4.43	4.43	4.43	4.43	4.63	4.63	4.63	4.63	4.63	4.63	4.63	4.63	4.63			
75m	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73			
100m	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35			
150m	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23			
200m	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18			
300m	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90			
400m	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55			
500m	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10			
600m	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83			
COD(ppm)	0.78	0.82	0.56	1.42	1.30	1.33	1.01	0.88	0.56	0.82	0.72	0.56	0.67	0.78	0.72	0.59	0.56	0.69	0.69			
10m	0.58	0.61	0.53	1.17	1.17	1.17	1.01	0.94	0.58	0.77	0.60	0.43	0.64	0.75	0.43	0.60	0.78	0.88	0.78			
30m	0.56	0.61	0.59	0.80	0.80	0.80	0.53	0.88	0.53	0.59	0.77	0.48	0.59	0.58	0.48	0.70	0.48	0.48	0.48			
50m	0.56	0.46	0.59	0.34	0.34	0.34	0.34	0.64	0.43	0.43	0.50	0.43	0.53	0.59	0.43	0.61	0.42	0.27	0.27			
100m	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34			
250m	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19			
NH ₄ -N(μM)	1.01	1.02	0.60	5.15	3.63	6.67	3.19	2.62	1.08	1.44	0.21	0.22	4.20	0.28	0.15	0.07	0.87	0.73	0.59			
10m	0.66	0.97	0.09	3.32	4.69	4.69	3.06	1.83	1.07	1.16	0.31	0.41	2.25	0.36	0.36	0.36	0.36	0.36	0.36			
30m	1.35	0.69	0.20	3.98	2.00	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19			
50m	0.30	0.55	0.11	***	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)			
100m	0.30	0.55	0.11	***	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)	2.22(40m)			
250m	0.56	0.60	0.33	1.45	1.24	1.42	10.60	0.91	0.52	0.77	0.29	0.33	0.53	0.36	0.36	0.24	0.37	0.44	0.36			
10m	0.40	0.61	0.32	1.24	1.19	1.19	1.04	0.81	0.49	0.68	0.28	0.36	0.42	0.39	0.36	0.24	0.37	0.44	0.36			
30m	0.37	0.44	0.33	0.61	0.47	0.47	0.51	0.67	0.35	0.48	0.31	0.37	0.45	0.38	0.31	0.19	0.22	0.36	0.36			
50m	0.35	0.38	0.29	0.29	0.45(40m)	0.45(40m)	0.49	0.49	0.31	0.31	0.30	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47			
100m	0.35	0.38	0.29	0.29	0.45(40m)	0.45(40m)	0.49	0.49	0.31	0.31	0.30	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47			
250m	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12			
NO ₃ -N(μM)	38.07	38.03	17.40	45.32	45.53	45.65	46.24	46.71	42.15	45.88	12.66	13.53	48.71	19.40	19.06	14.25	19.23	23.66	16.24			
10m	25.28	33.24	17.90	45.58	45.58	45.58	46.18	46.71	41.67	46.22	14.82	15.33	48.71	20.76	20.76	14.88	18.78	18.78	17.09			
30m	21.23	30.61	19.56	46.22	46.45	46.45	46.54	46.71	41.67	46.22	14.82	15.33	48.71	20.76	20.76	14.88	18.78	18.78	17.09			
50m	23.47	33.10	28.01	46.39(40m)	46.39(40m)	46.39(40m)	46.71	46.71	41.67	46.22	14.82	15.33	48.71	20.76	20.76	14.88	18.78	18.78	17.09			
100m	23.47	33.10	28.01	46.39(40m)	46.39(40m)	46.39(40m)	46.71	46.71	41.67	46.22	14.82	15.33	48.71	20.76	20.76	14.88	18.78	18.78	17.09			
250m	49.38	49.17	49.17	49.17	49.17	49.17	49.17	49.17	49.17	49.17	49.17	49.17	49.17	49.17	49.17	49.17	49.17	49.17	49.17			
PO ₄ -P(μM)	0.38	0.44	0.33	0.53	0.39	0.71	0.43	0.46	0.56	0.48	0.29	0.28	0.35	0.35	0.33	0.32	0.35	0.32	0.25			
10m	0.38	0.43	0.32	0.39	0.60	0.60	0.46	0.45	0.57	0.48	0.29	0.28										

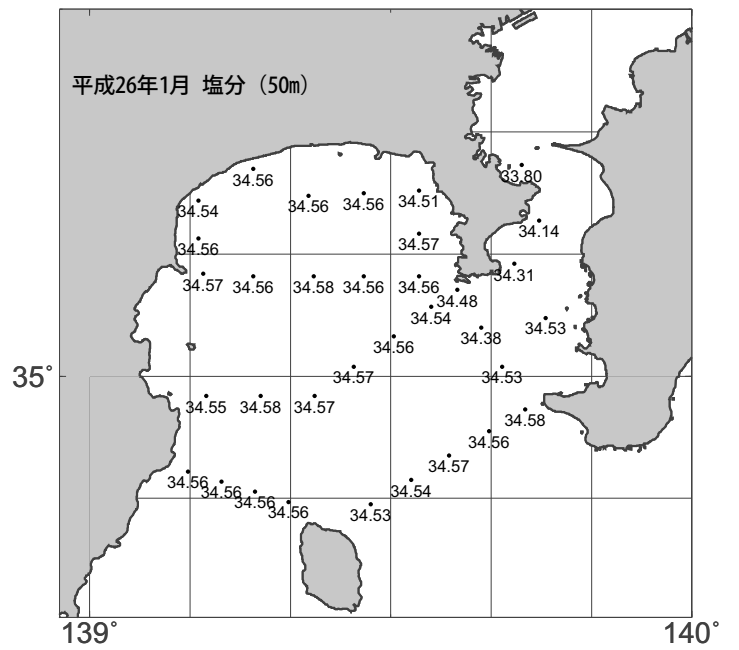
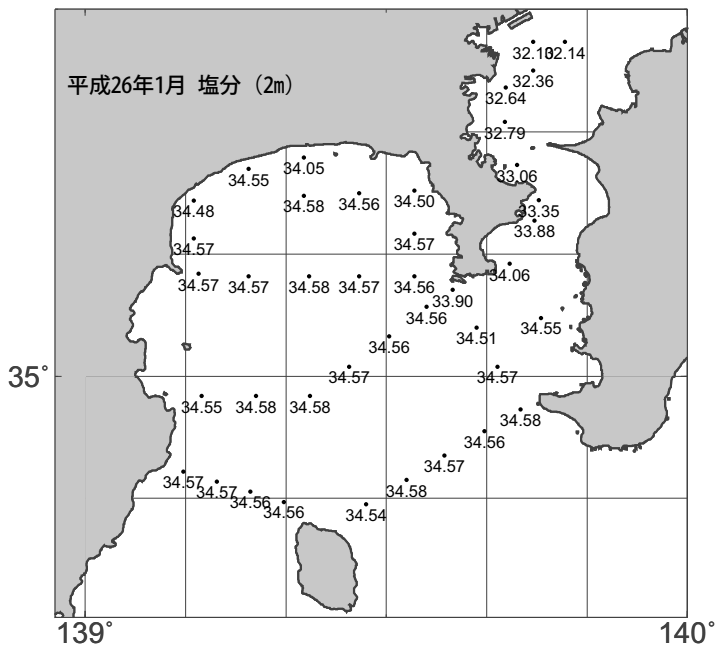
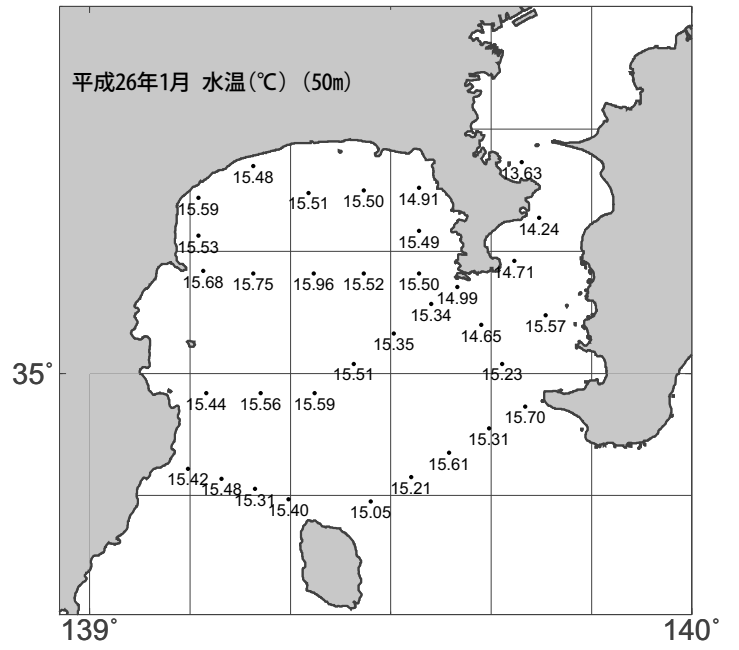
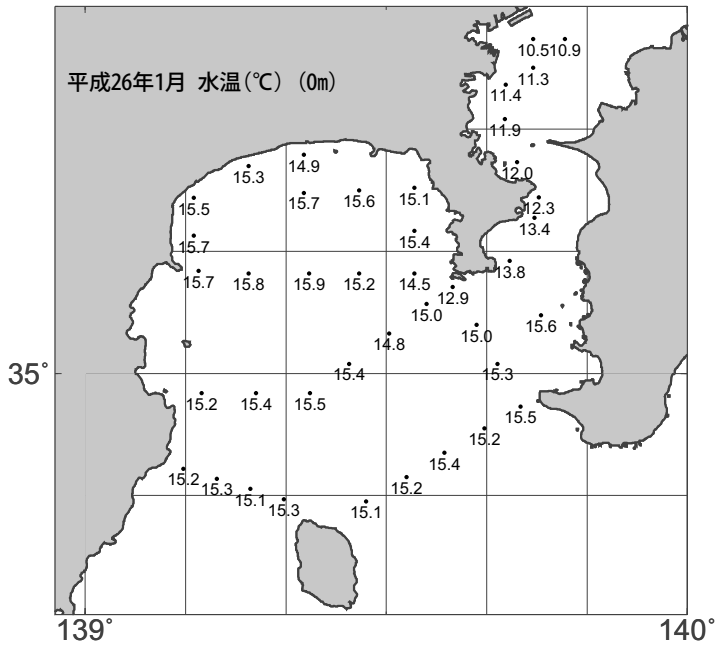
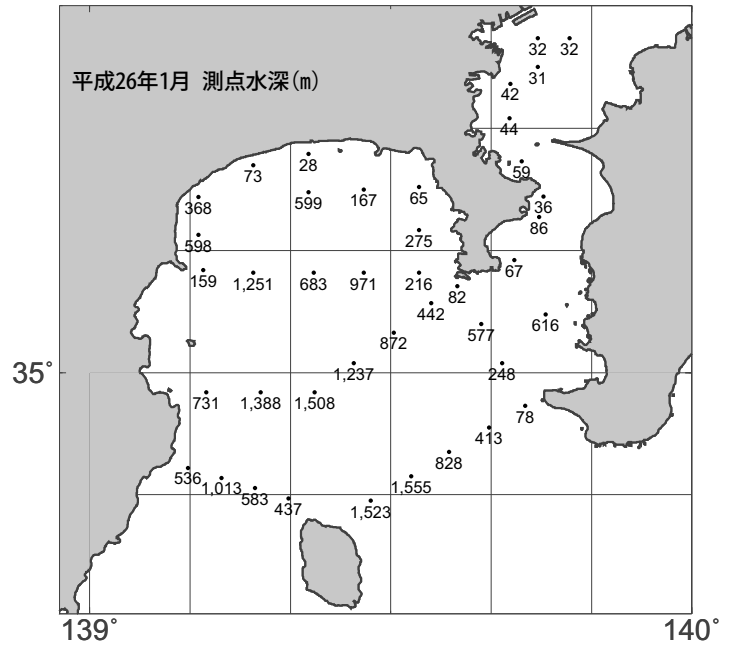
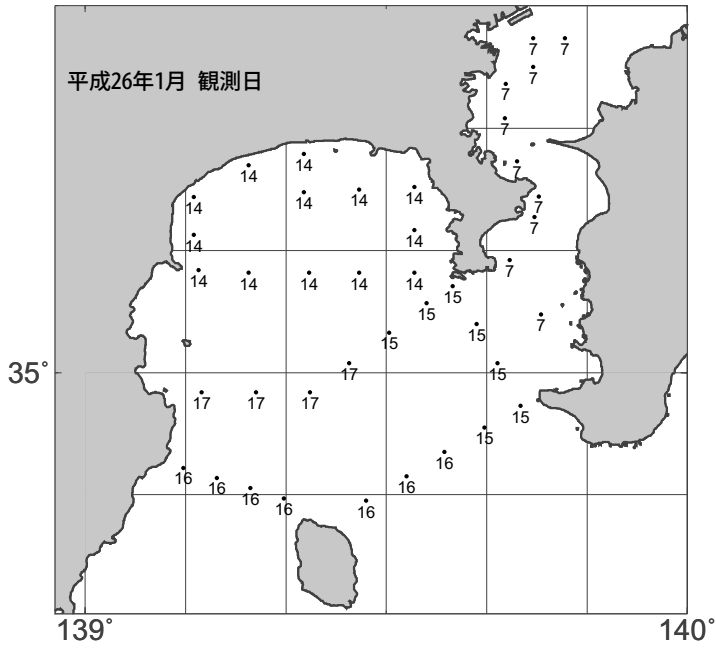
測点	15	16	17	18	19	22	23	24	25	26	A	B	D	H	I	口	八	二	ホ	へ	
観測日	9:34	9:34	9:00	8:23	7:34	12:04	11:32	10:59	10:28	10:03	12:58	13:30	11:48	10:28	13:02	13:33	14:01	14:29	15:13	6:56	
開始時刻	9:39	9:41	9:07	8:32	7:55	12:21	11:39	11:07	10:35	10:05	12:58	13:31	11:56	10:34	13:11	13:41	14:08	14:38	15:21	7:03	
終了時刻																					
天気	B	B	B	B	BC	BC	BC	BC	BC	BC	C	C	C			BC	BC	BC		B	
気温 (℃)	12.1	12.1	14.1	12.2	13.8	14.1	13.8	12.7	12.7	10.9	10.7	10.7	10.7			14.3	14.9			11.7	
気圧 (hPa)	1017.8	1017.8	1017.8	1017.0	1017.5	1014.5	1015.4	1015.4	1016.0	1017.5	1014.8	1013.8	1013.8			1013.8	1016.6			1016.6	
風向	NE 2	NE 2	NE 1	NE 3	W 1	NE 1	NE 1	NE 1	NE 1	SE 1	NE 1	SE 1	NE 1			S 2	ESE 2			NNE 2	
風速	3	4	3	2	2	15	16	3	4	4	5	5	5	4	2	2	2	3	3	3	
透明度	13	11	14	14	15	15	16	17	12	13	13	13	14	13	17	17	16	16	11	14	
波高																					
波ねり																					
測点水深(m)	157	411	868	1,235	1,506	1,437	1,563	893	562	83	70	27	625	296	407	598	1,020	517	775	1,388	
水温 (℃)	17.0	16.3	17.6	17.6	17.5	18.0	17.9	18.0	17.9	17.3	16.4	16.6	16.7	17.9	17.8	18.0	17.9	17.8	18.1	17.3	
0m	17.0	16.49	17.68	17.77	17.58	17.92	17.95	18.07	17.88	17.61	16.69	16.78	17.96	17.96	17.60	17.81	17.76	17.66	18.18	17.56	
10m	17.10	17.64	17.68	17.75	17.58	17.87	17.93	18.06	17.86	17.24	16.70	16.83	16.99	17.94	17.56	17.90	17.75	17.63	18.12	17.65	
20m	17.10	17.84	17.68	17.76	17.57	17.86	17.90	18.06	17.66	16.80	16.11	16.33	16.77	17.86	17.66	17.99	17.75	17.63	18.12	17.65	
30m	15.14	16.06	17.58	17.27	17.42	17.57	17.48	18.05	16.48	16.50	16.73		16.92	17.39	17.34	17.76	17.77	17.92	17.90	17.55	
50m	14.15	14.82	15.33	15.66	16.77	16.86	16.96	16.70	15.35				16.88	16.21	16.97	16.87	16.56	15.87	16.09	16.10	
70m	13.77	14.46	13.99	14.89	15.64	16.23	15.23	15.14	14.21				16.49	15.01	16.59	16.46	16.13	14.46	14.91	14.42	
100m	13.23	13.06	12.98	13.45	12.73	14.12	13.79	13.09	13.23				15.62	13.57	14.40	13.75	13.54	12.46	12.75	12.73	
150m	12.07	11.74	12.10	12.10	11.96	12.34	12.33	11.85	11.73				13.58	11.76	12.56	11.43	11.73	11.39	11.26	11.26	
200m	10.50	10.39	10.50	10.92	10.50	10.75	11.15	10.89	9.77				10.94		10.06	10.48	10.37	10.07	10.35	10.49	
300m					9.07	9.41															
400m					7.89	7.60															
500m					6.06	6.12															
600m					5.31	5.41															
塩分	34.07(2m)	33.65(2m)	34.27(2m)	34.37(2m)	34.35(2m)	34.33(2m)	34.31(2m)	34.35(2m)	34.37(2m)	34.26(2m)	34.25(2m)	34.22(2m)	34.17(2m)	34.37(2m)	34.35(2m)	34.39(2m)	34.37(2m)	34.34(2m)	34.38(2m)	34.35(1m)	34.35(1m)
0m	34.08	33.71	34.27	34.37	34.35	34.32	34.31	34.35	34.32	34.29	34.27	34.25	34.17	34.36	34.35	34.38	34.37	34.34	34.37	34.35	
10m	34.09	34.15	34.27	34.37	34.35	34.32	34.31	34.35	34.32	34.29	34.28	34.25	34.17	34.36	34.35	34.39	34.37	34.34	34.37	34.35	
20m	34.12	34.35	34.27	34.37	34.35	34.31	34.30	34.35	34.36	34.34	34.34	34.25	34.28	34.36	34.35	34.38	34.37	34.34	34.37	34.35	
30m	34.44	34.35	34.36	34.38	34.35	34.33	34.33	34.35	34.36	34.34	34.30	34.28	34.24	34.34	34.36	34.38	34.37	34.34	34.36	34.37	
50m	34.44	34.44	34.49	34.49	34.34	34.38	34.39	34.42	34.46	34.40	34.30	34.39	34.40	34.44	34.39	34.38	34.38	34.34	34.36	34.37	
70m	34.45	34.45	34.48	34.49	34.53	34.48	34.52	34.51	34.45	34.44	34.40	34.38	34.40	34.44	34.39	34.39	34.47	34.46	34.48	34.42	
100m	34.45	34.45	34.48	34.49	34.53	34.48	34.50	34.45	34.44	34.44	34.40	34.38	34.44	34.46	34.44	34.45	34.44	34.44	34.44	34.44	
150m	34.45	34.45	34.40	34.41	34.41	34.42	34.42	34.40	34.40	34.40	34.40	34.40	34.46	34.39	34.42	34.38	34.38	34.35	34.37	34.38	
200m	34.41	34.41	34.40	34.41	34.41	34.42	34.42	34.40	34.40	34.40	34.40	34.40	34.46	34.39	34.42	34.38	34.38	34.35	34.37	34.38	
250m	34.35	34.35	34.37	34.36	34.35	34.36	34.37	34.36	34.32	34.32	34.32	34.32	34.36	34.31	34.31	34.35	34.34	34.33	34.34	34.34	
300m					34.29	34.31															
400m					34.26	34.25															
500m					34.24	34.24															
600m					34.24	34.24															
保存酸素 (mg/l)	5.11	5.18	5.06	4.92	4.91(2m)	5.07(2m)	5.03(2m)	5.00(2m)	5.10(2m)	5.04(2m)	4.99(2m)	5.15(2m)	5.11(2m)	5.05(2m)	4.85(2m)	4.85(2m)	5.02(2m)	5.10(2m)	5.11(2m)	4.86(1m)	4.86(1m)
0m	5.11	5.18	5.06	4.92	4.88	5.07	5.06	5.02	5.09	4.93	4.99	5.13	5.08	5.03	4.83	4.85	4.94	5.08	5.11	4.90	
10m	5.08	5.01	5.06	4.91	4.87	4.99	4.98	4.99	5.00	4.74	4.94	5.14	4.82	5.01	4.80	4.82	4.91	4.98	4.97	4.91	
20m	4.88	4.47	5.06	4.90	4.91	4.99	4.92	4.97	4.49	4.83	4.83	5.00	4.75	4.88	4.72	4.79	4.81	4.97	4.64	4.90	
30m	3.70	4.09	4.01	4.27	4.67	4.63	4.50	4.84	3.82	4.36	4.94	4.75	4.75	4.38	4.61	4.76	4.81	4.79	4.57	4.47	
50m	3.66	3.64	3.65	3.70	4.50	4.24	4.18	3.89	3.62	4.36	4.84	4.63	4.63	3.88	4.43	4.40	4.00	3.76	3.73	3.80	
70m	3.58	3.57	3.54	3.61	3.85	3.79	3.71	3.71	3.71	3.71	3.71	4.35	4.35	3.62	4.25	3.81	3.63	3.63	3.67	3.60	
100m	3.46	3.44	3.47	3.50	3.44	3.70	3.63	3.63	3.47	3.47	3.47	3.78	3.78	3.52	3.63	3.51	3.55	3.64	3.63	3.41	
150m					3.32	3.33	3.40	3.38	3.33	3.33	3.33	3.51	3.51	3.29	3.49	3.28	3.56	3.62	3.45	3.24	
200m					3.09	3.21	3.13	3.25	3.00	3.25	3.25	3.21	3.21	3.12	3.20	3.12	3.14	3.08	3.10	3.19	
250m																					
300m																					
400m																					
500m																					
600m																					
COD (ppm)	0m	0.46	0.90	0.62	0.34	0.59	0.62	0.54	0.59	0.53	0.62	0.82	0.43	0.62	0.62	0.50	0.56	0.74	0.74	0.69	
10m						0.56	0.62	0.54	0.59	0.53	0.62	0.82	0.43	0.62	0.62	0.50	0.56	0.74	0.74	0.69	
30m						0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	
50m						0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	
100m						0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	
250m						0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	
NH ₄ -N (μM)	0m	0.64	0.68	0.38	0.26	0.16	***	0.08	0.22	0.30	0.48	0.53	0.30	0.27	***						

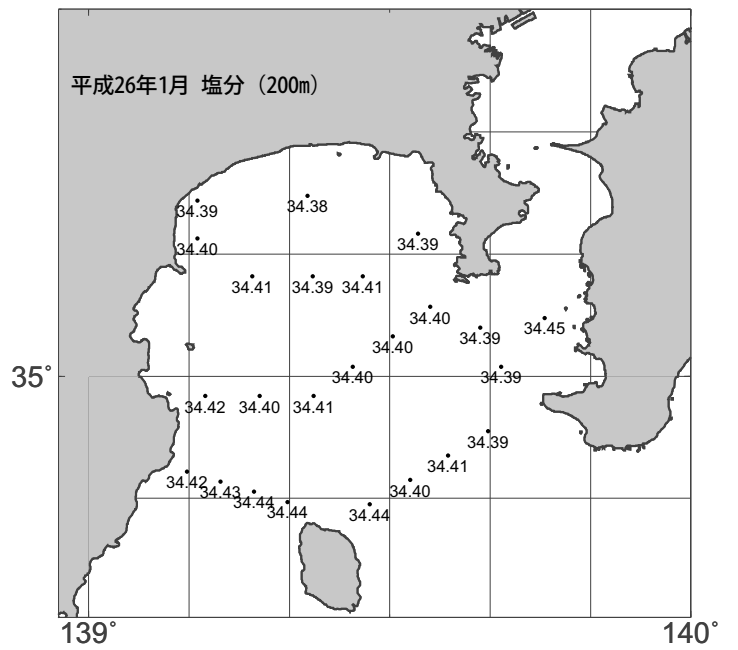
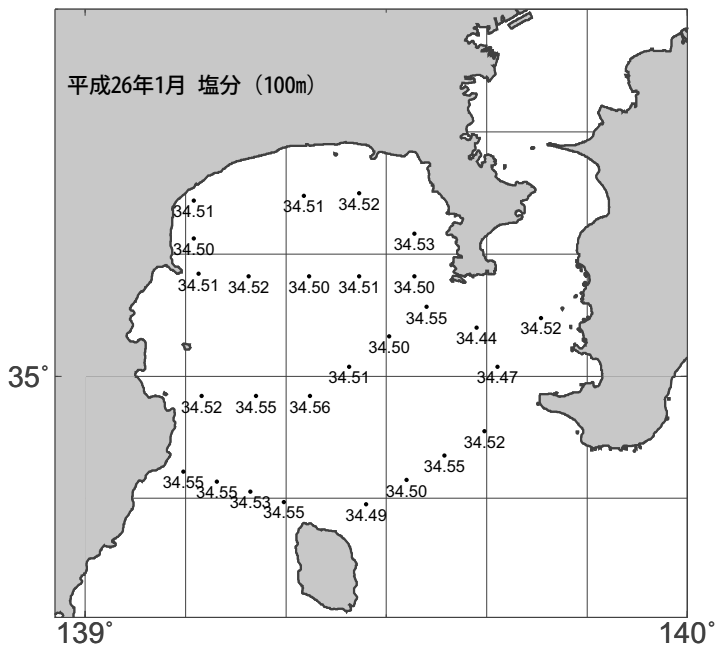
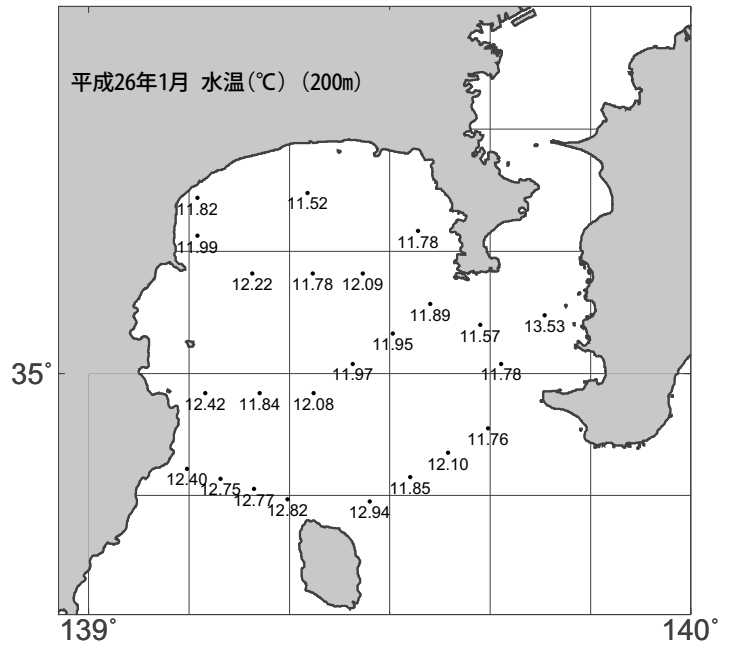
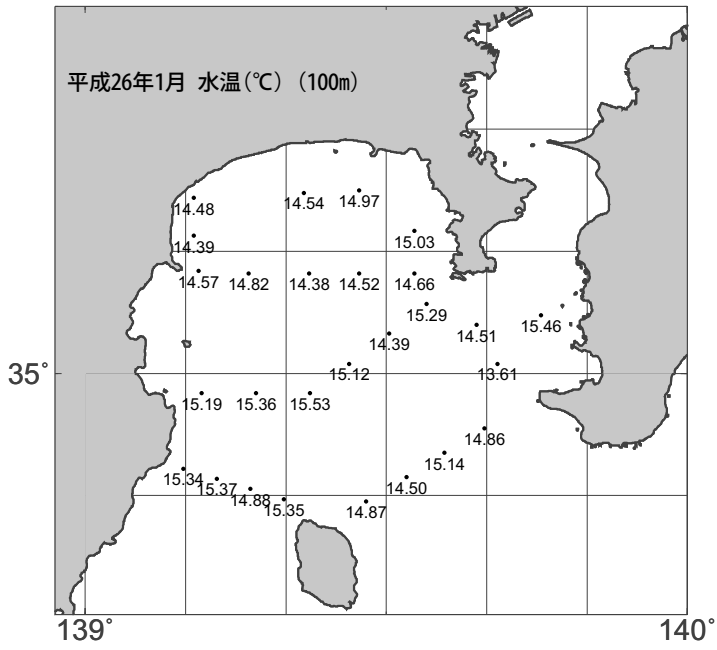
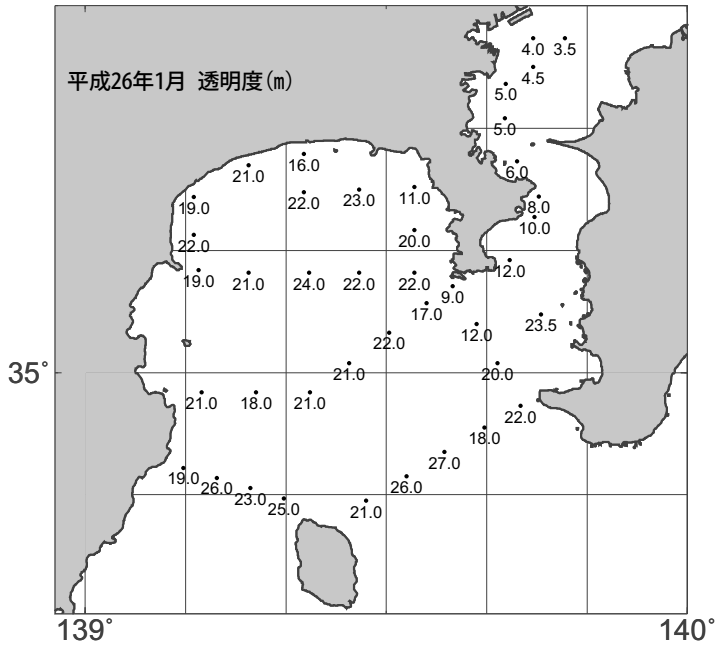




浅海定線調査 (平成26(2014)年1月) 沿岸定線調査 (平成26(2014)年1月)

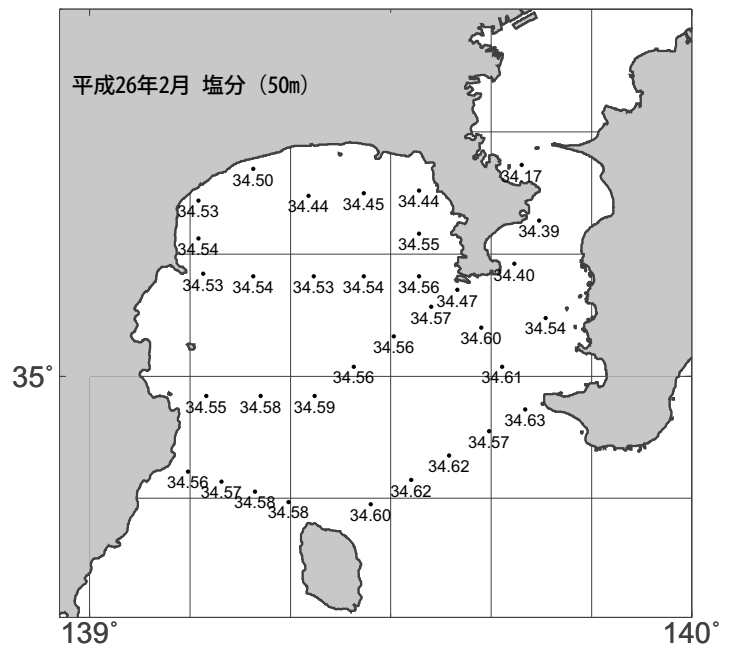
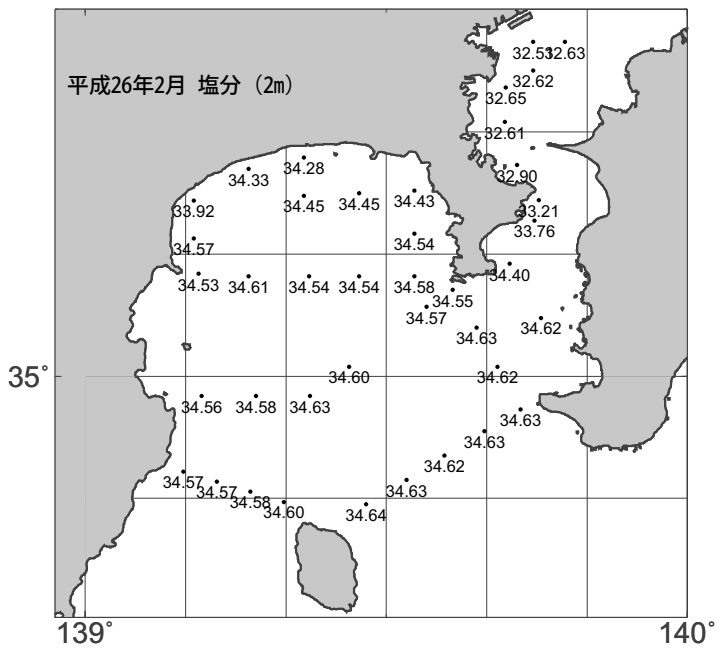
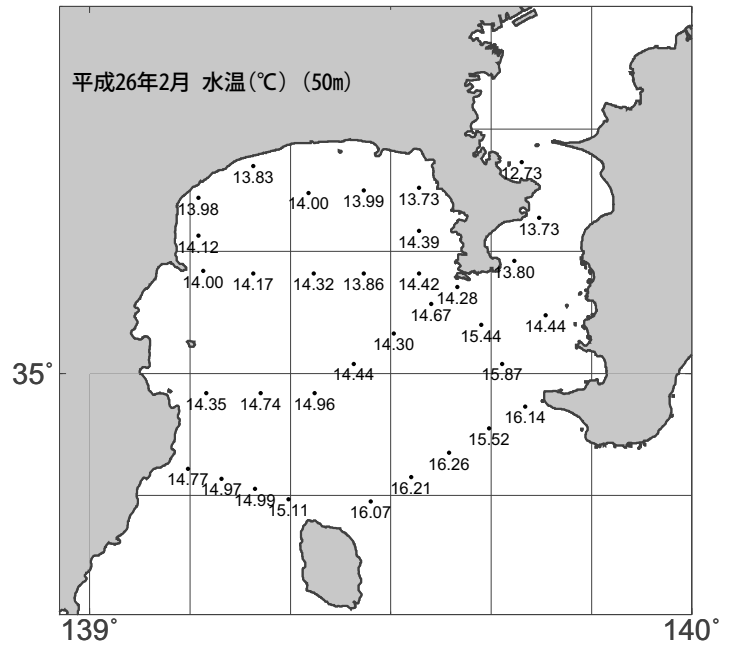
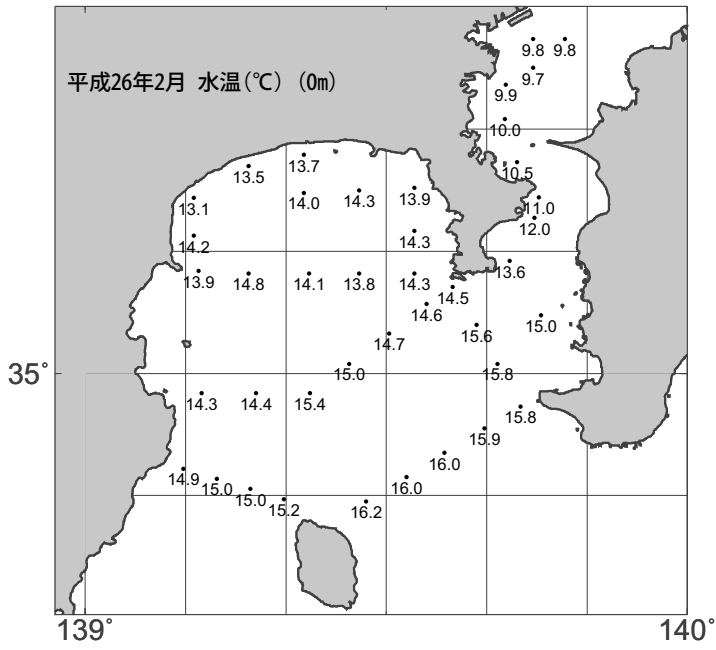
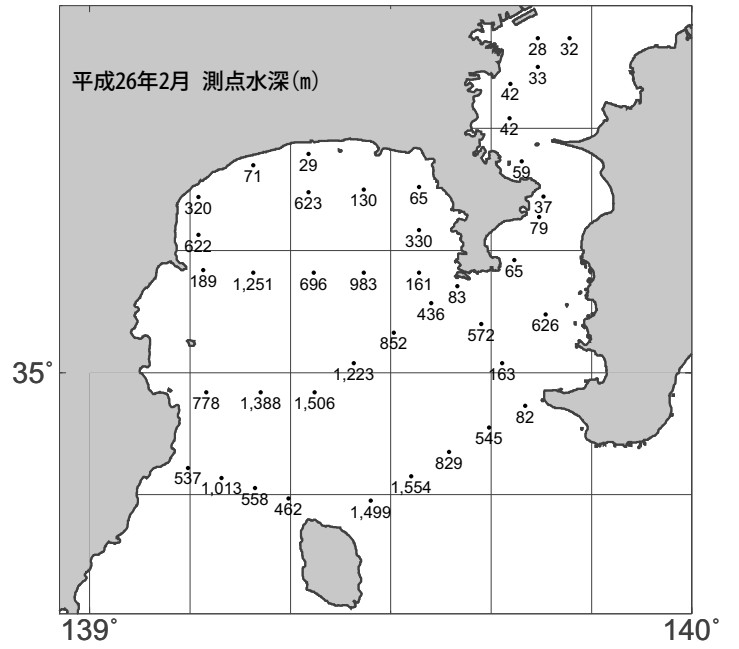
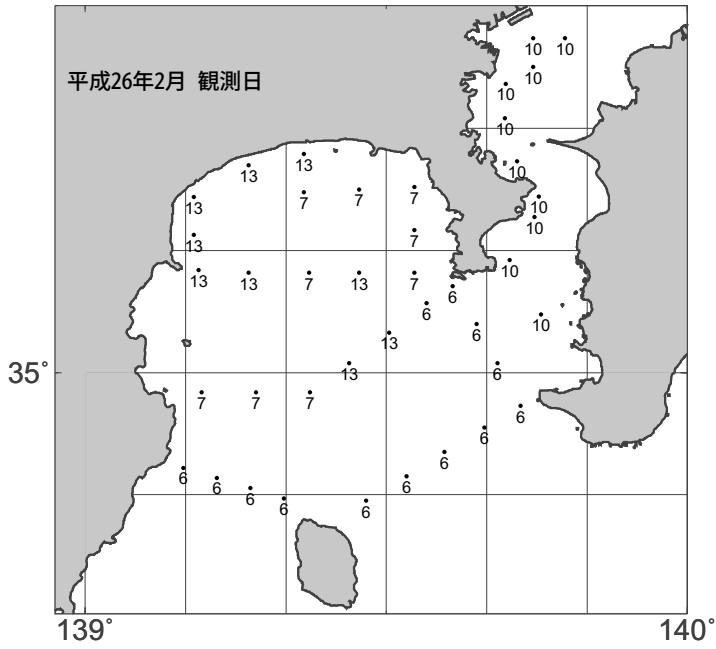
測点	浅海定線調査 (平成26(2014)年1月)												沿岸定線調査 (平成26(2014)年1月)											
	13	27	29	112	117	118	123	124	129	134	136	1	2	3	5	6	7	9	10	12	14			
観測日	15	7	7	7	7	7	7	7	7	7	14	14	14	14	14	14	14	14	14	14	15			
開始時刻	9:20	10:12	9:20	13:01	13:21	12:35	12:13	11:50	10:59	10:39	15:02	14:31	13:49	13:49	12:13	11:23	10:50	9:59	9:26	8:54	9:50			
終了時刻	9:22	10:14	9:39	13:03	13:32	12:36	12:15	11:52	11:00	10:42	15:04	14:34	14:03	14:03	12:21	11:26	10:57	10:18	9:34	8:58	9:58			
天気	0	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	C	C	C	BC	BC	BC	BC			
気温 (°C)	4.4	6.1	6.1	7.5	7.3	7.2	6.8	7.2	7.3	6.8	1025.3	1025.3	1025.3	1025.3	1025.8	1026.3	1026.7	1026.7	1026.7	1026.7	1026.7			
気圧 (hPa)	NE 4	NE 4	NE 4	E 2	SSE 1	SSE 1	E 1	E 1	E 1	E 1	ESE 1	ESE 1	ESE 1	ESE 1	E 1	E 1	NNE 4	NNE 4	NNE 4	NE 3	NE 3			
風向/風力	9	4	4	13	13	13	13	12	5	4	3	2	2	3	3	3	3	24	22	22	3	3		
透明度	W 2	12	23.5	3.5	4	4.5	5	5	8	10	11	23	22	22	19	19	21	24	22	22	12	12		
波高	W 1		SW 1	S 1	S 1	S 1	SW 1	SW 1		SW 1	W 2	W 2	W 2	W 1	W 1	W 1	SW 3	SW 3	SW 2	SW 2	SW 1			
測点水深 (m)	82	67	61.6	32	32	31	42	44	59	36	65	167	589	368	15.5	15.7	1.251	683	971	216	577			
水温 (°C)	12.9	13.8	15.6	10.9	11.3	11.4	12.3	11.9	12.0	12.3	15.1	15.6	15.7	15.5	15.8	15.8	15.8	15.9	15.2	14.5	15.0			
10m	13.24	13.97	15.73	11.11	11.34	11.30	12.54	11.86	12.54	13.74	15.10	15.84	15.72	15.66	15.76	15.76	15.96	15.60	15.60	15.60	15.17			
20m	14.33	14.05	15.66	11.26	11.59	11.79	11.85	11.87	12.85	13.22	15.09	15.74	15.71	15.65	15.75	15.75	15.96	15.60	15.60	15.60	15.16			
30m	14.57	14.17	15.60	12.97			13.48	12.70	13.37	13.25	15.67	15.82	15.73	15.68	15.71	15.71	15.96	15.60	15.60	15.60	14.77			
50m	14.99	14.71	15.57				13.70(40m)	13.63			14.24	14.91	15.80	15.61	15.69	15.68	15.86	15.52	15.60	14.65	14.65			
70m			15.48								15.88	15.74	15.89	15.71	15.80	15.83	15.94	15.36	15.51	14.82	14.82			
100m			15.46								14.97	14.97	14.97	14.84	14.88	14.88	14.88	14.32	14.66	14.66	14.51			
150m			14.68								12.71	12.71	12.71	12.71	12.71	12.71	12.71	12.65	13.14	12.28	11.57			
200m			11.84								11.52	11.52	11.52	11.52	11.52	11.52	11.52	11.78	12.09	11.78	11.57			
250m			11.20								10.23	10.23	10.23	10.23	10.39	10.39	10.26	11.04	11.29	11.04	10.70			
300m			8.75								9.32	9.32	9.32	9.32	9.32	9.32	9.32	10.06	10.06	9.32	9.32			
400m			7.17								7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51			
500m			6.74								6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37			
塩分	33.90(2m)	34.06(2m)	34.55(2m)	32.14(2m)	32.10(2m)	32.36(2m)	32.64(2m)	32.79(2m)	33.06(2m)	33.35(2m)	34.50(2m)	34.56(2m)	34.58(2m)	34.48(2m)	34.57(2m)	34.57(2m)	34.57(2m)	34.58(2m)	34.57(2m)	34.56(2m)	34.56(2m)	34.50(1m)		
10m	33.93	34.06	34.55	32.24	32.28	32.47	32.65	32.79	33.22	33.46	33.95	34.56	34.58	34.53	34.53	34.53	34.53	34.58	34.57	34.56	34.52			
20m	34.26	34.09	34.54	32.46	32.54	32.72	33.70	33.80	33.41	33.64	34.50	34.57	34.57	34.57	34.57	34.57	34.57	34.58	34.57	34.56	34.51			
30m	34.33	34.13	34.54	33.36	33.46	33.71	33.71	33.25	33.68	33.65	34.48	34.57	34.57	34.57	34.57	34.57	34.56	34.58	34.57	34.56	34.41			
50m	34.48	34.31	34.53	33.36	33.36	33.80(40m)	33.80(40m)	33.80			34.14	34.51	34.56	34.56	34.52	34.52	34.53	34.58	34.56	34.56	34.38			
75m			34.52								34.42	34.52	34.52	34.52	34.51	34.51	34.52	34.50	34.51	34.50	34.44			
100m			34.49								34.38	34.43	34.43	34.43	34.43	34.43	34.43	34.41	34.43	34.41	34.41			
150m			34.45								34.38	34.39	34.39	34.39	34.41	34.41	34.41	34.39	34.41	34.39	34.39			
200m			34.40								34.32	34.32	34.32	34.32	34.33	34.33	34.33	34.31	34.32	34.31	34.35			
250m			34.39								34.28	34.28	34.28	34.28	34.28	34.28	34.28	34.28	34.28	34.28	34.28			
300m			34.36								34.21	34.21	34.21	34.21	34.21	34.21	34.21	34.21	34.21	34.21	34.21			
400m			34.34								34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20			
500m			34.34								34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20			
600m			34.34								34.24	34.24	34.24	34.24	34.24	34.24	34.24	34.24	34.24	34.24	34.24			
溶解酸素 (mg/l)	5.63(2m)	5.23(2m)	4.98(2m)	6.88(2m)	6.64(2m)	6.57(2m)	6.26(2m)	6.06(2m)	5.62(2m)	5.56(2m)	5.03(2m)	4.87(2m)	4.95(2m)	4.94(2m)	4.94(2m)	4.95(2m)	4.88(2m)	4.99(2m)	4.94(2m)	4.94(2m)	5.13(1m)			
10m	5.58	5.20	4.97	6.49	6.03	5.99	5.99	5.88	5.46	5.46	5.04	4.89	4.95	4.93	4.94	4.94	4.90	4.88	4.96	4.93	5.11			
20m	5.22	5.14	4.94	6.11	5.94	5.79	5.74	5.79	5.39	5.33	5.24	4.90	4.94	4.94	4.93	4.93	4.85	4.97	4.92	4.92	5.10			
30m	5.17	5.13	4.91	5.20		4.99(40m)	4.99(40m)	5.15			5.06	4.92	4.94	4.94	4.94	4.92	4.83	4.97	4.92	4.92	5.09			
50m	4.99	4.97	4.90	4.90			4.89(40m)	5.19(40m)	5.15		4.96	4.95	4.91	4.90	4.86	4.86	4.81	4.87	4.96	4.93	5.11			
75m			4.90								4.82	4.83	4.83	4.83	4.81	4.81	4.76	4.81	4.92	4.90	5.07			
100m			4.78								4.10	4.10	4.10	4.10	4.10	4.10	4.10	3.86	3.87	3.86	4.33			
150m			4.15								3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.47	3.54	3.54	4.31			
200m			3.61								3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.31			
250m			3.25								3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.21			
300m			3.07								3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.11			
400m			2.49								2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	3.21			
500m			2.13								2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	3.21			
600m			2.02								2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	3.21			
COD (ppm)	0m	0.83	0.58	0.37	1.38	1.41	1.14	1.15	0.78	0.78	0.66	0.42	0.42	0.42	0.42	0.42	0.50	0.37	0.46	0.37	0.45			
10m	0.72	0.56	0.16	1.26			0.99	0.97	0.72	0.66	0.74	0.40	0.40	0.40	0.40	0.40	0.51	0.32	0.43	0.29				
30m	0.54	0.53	0.21	0.86			0.46	0.70	0.62	0.64	0.56	0.37	0.37	0.37	0.37	0.37	0.43	0.34	0.43	0.43				
50m	0.43	0.38	0.19				0.83(40m)	0.66(40m)	0.59		0.53	0.54	0.54	0.54	0.54	0.54	0.40	0.45	0.45	0.43				
100m			0.30														0.29	0.26	0.26	0.26				
250m			0.18														0.30	0.30	0.30	0.30				
NH ₄ -N (μM)	0m	0.39	0.39	2.42	3.04	2.34	2.34	2.78	2.79	1.46	0.36	0.29	0.31	0.32	0.33	0.33	0.28	0.31	0.31	0.34	0.26			
10m	0.41	0.23	2.53	2.53	3.04	2.65	2.94	2.24	1.06	0.66	0.51	0.36	0.22	0.22	0.28	0.28	0.31	0.28	0.20	0.36				
30m	0.38	0.22	2.46	2.46	1.37	2.26	1.35	1.01	0.44	0.62	0.49	0.38	0.31	0.31	0.32	0.32	0.31	0.32	0.20	0.36				
50m	0.27	0.17	0.26		1.31(40m)	1.70(40m)	1.17		0.34	0.41	0.46	0.41	0.41	0.41	0.41	0.41	0.33	0.33	0.33	0.31				
100m			0.05														0.32	0.32	0.33	0.33				
250m			0.05														0.29	0.29	0.29	0.29				
NO ₃ -N (μM)	0m	0.46	0.56	0.38	1.19	1.08	1.01	0.97	0.89	0.72	0.55	0.28	0.28	0.31	0.31	0.31	0.28	0.22	0.33	0.36	0.30			
10m	0.45	0.53	0.37	1.14			1.02	0.97	0.79	0.66	0.51	0.36	0.28	0.31	0.31	0.31	0.28	0.20						

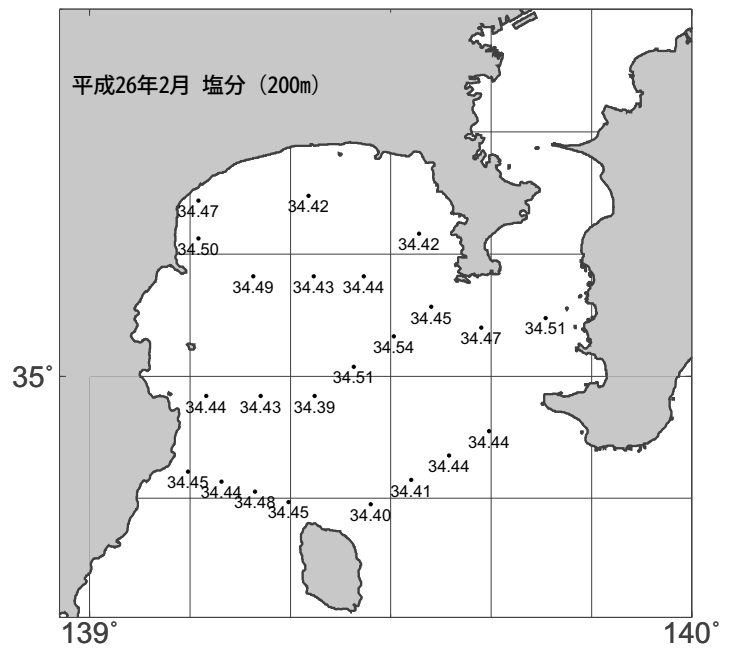
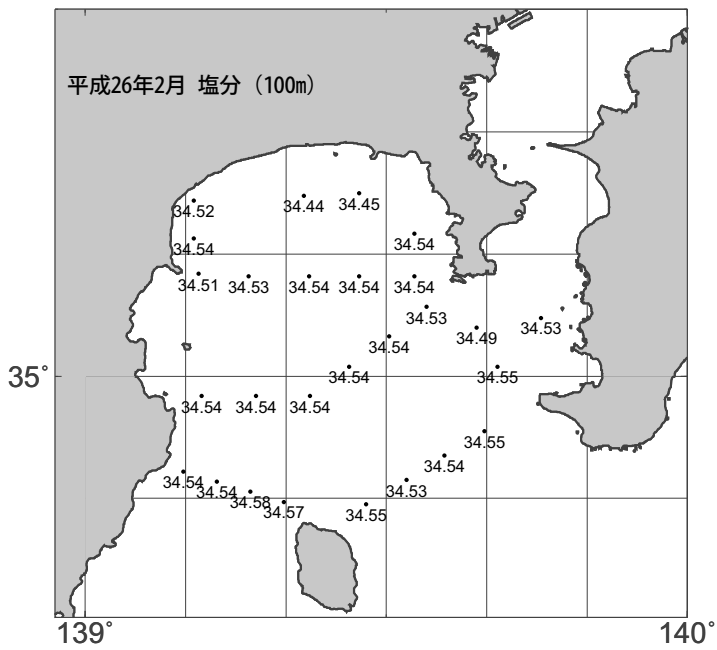
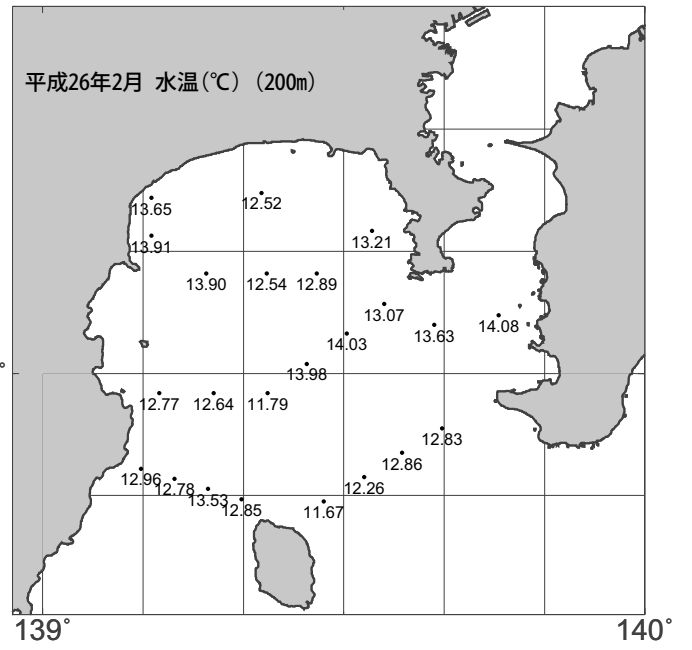
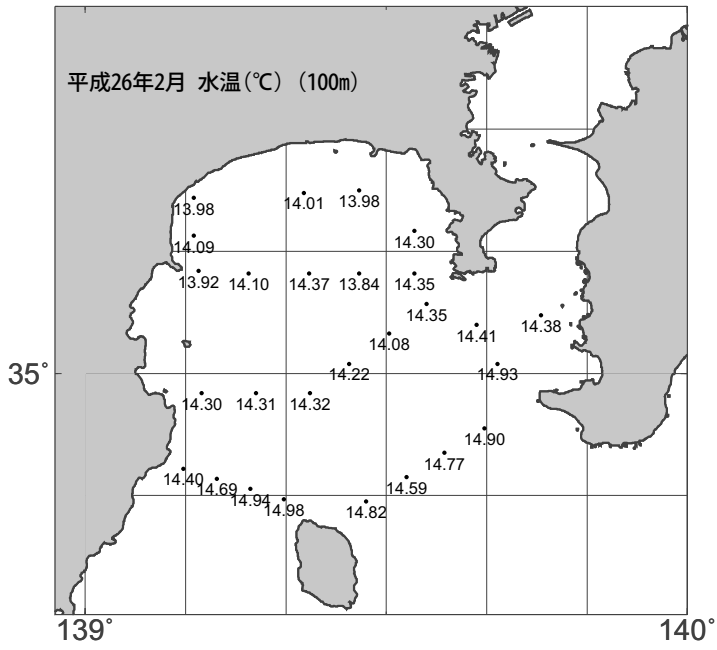
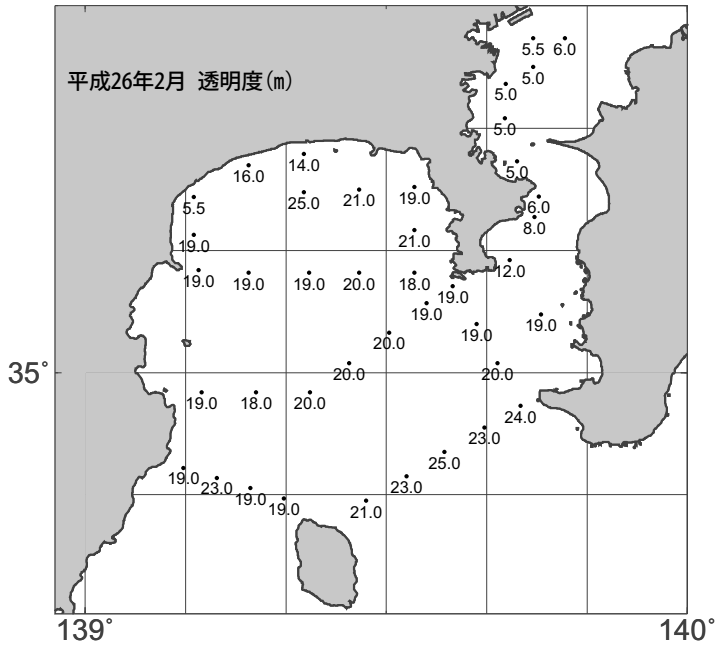




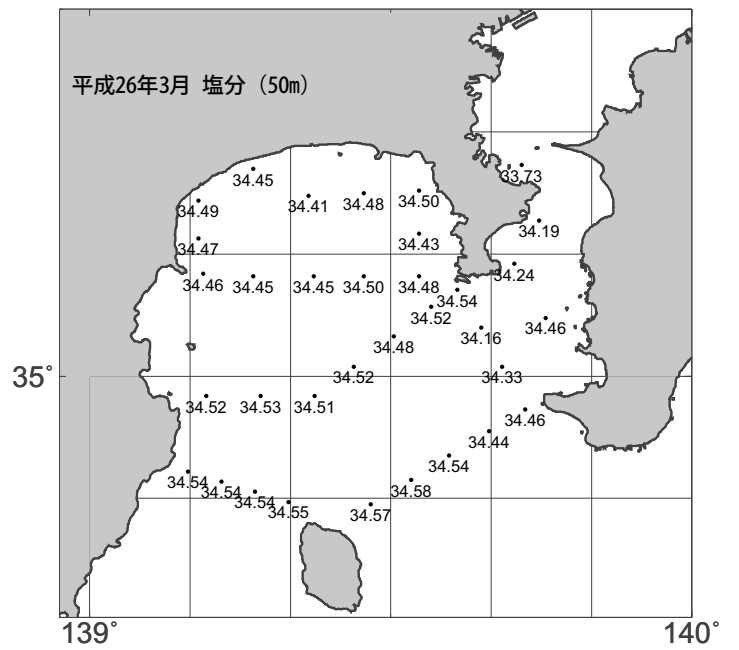
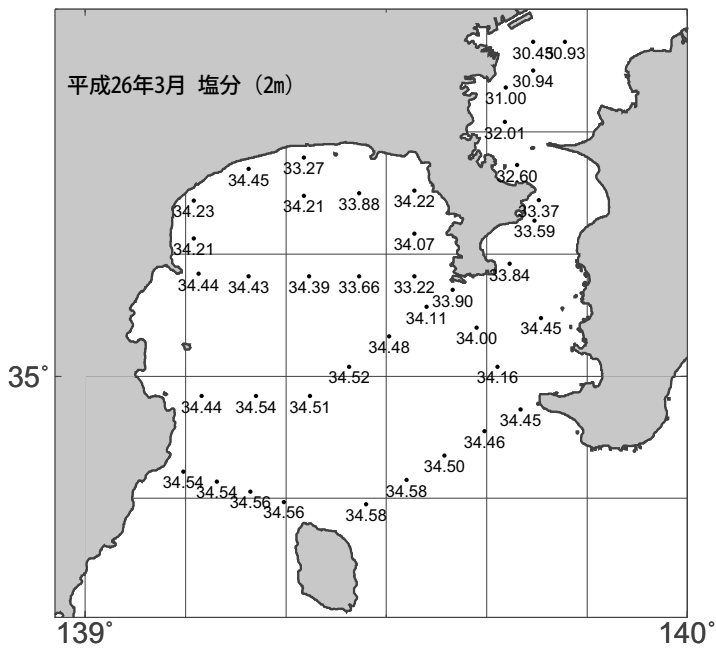
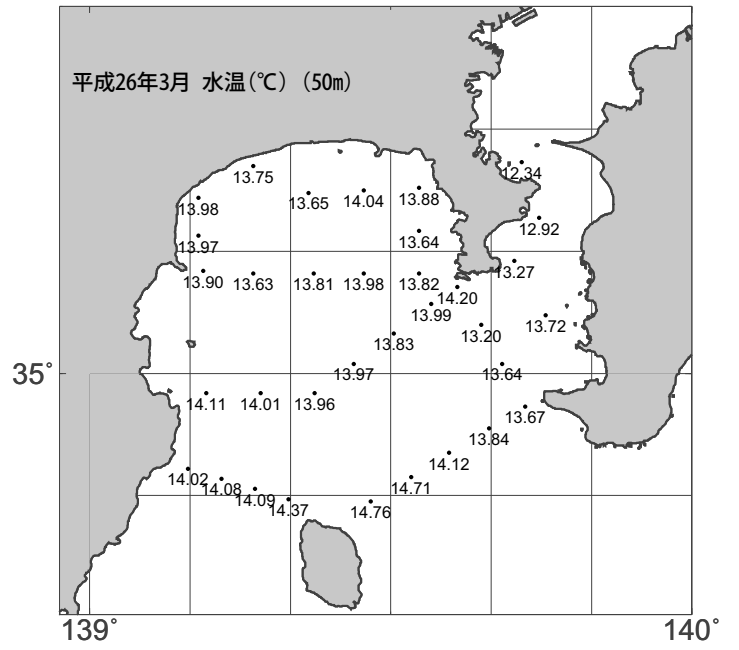
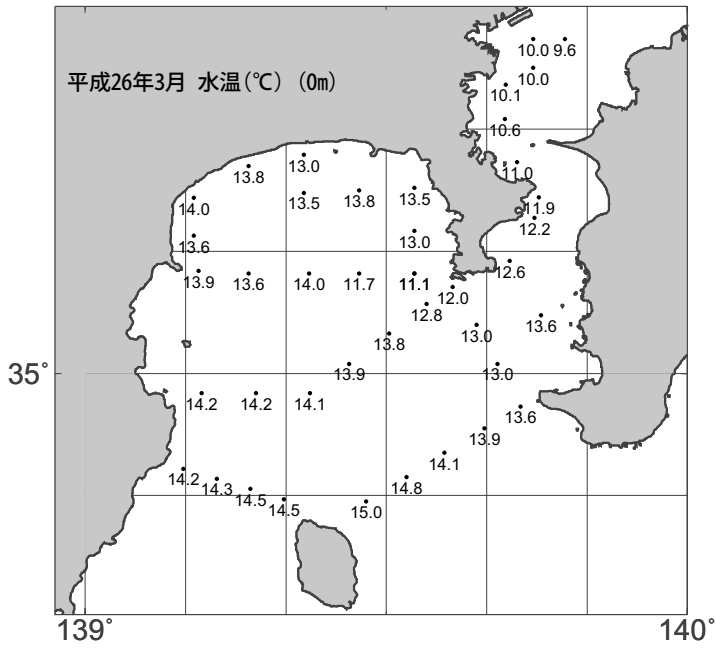
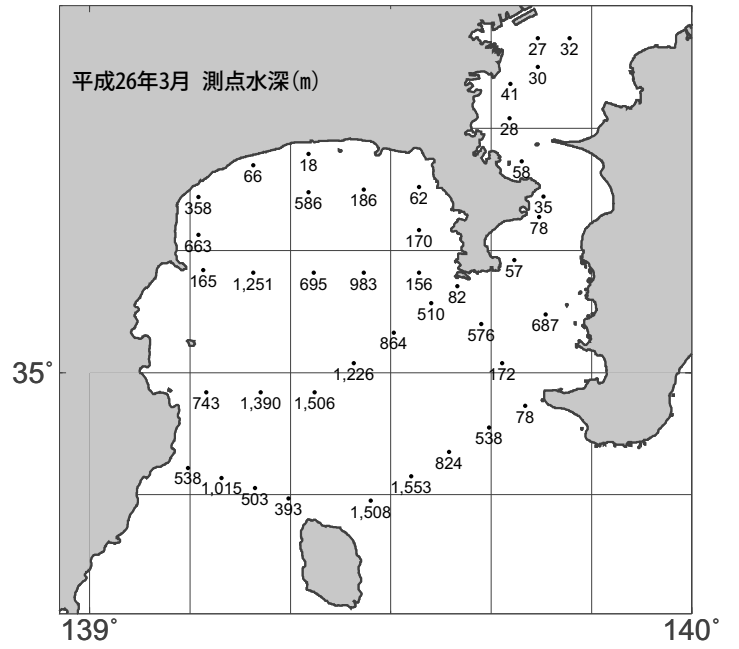
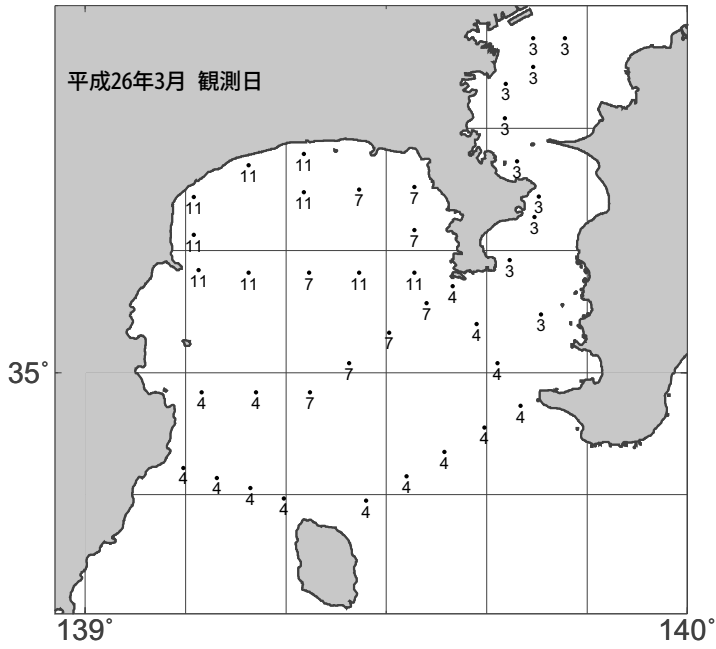
測点		浅海定線調査(平成26(2014)年2月)															沿岸定線調査(平成26(2014)年2月)														
		13	27	29	112	117	118	123	124	129	134	136	1	2	3	5	6	7	9	10	12	14									
観測日		6	10	10	10	10	10	10	10	10	10	7	7	7	7	13	13	13	13	13	7	6									
開始時刻		8:56	10:12	9:20	13:05	13:25	12:38	12:15	11:52	11:28	11:02	10:41	11:57	11:24	10:37	13:13	12:19	11:47	10:49	10:56	12:54	9:59									
終了時刻		8:59	10:15	9:38	13:06	13:26	12:39	12:17	11:54	11:30	11:03	10:44	11:59	11:27	10:53	13:20	12:23	11:54	10:56	10:57	12:58	10:07									
天気		C	BC	BC	BC	BC	BC	BC	C	C	BC	BC	BC	BC	BC	BC	C	C	C	C	C	C									
気温(℃)		3.1	7.3	7.2	7.7	7.5	7.5	7.5	7.3	7.3	7.3	7.3	6.8	5.2	5.2	6.8	7.3	7.3	7.3	7.3	7.3	4.8									
気圧(hPa)		1022.7	1016.1	1016.0	1016.2	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1019.9	1021.2	1021.2	1023.8	1023.8	1023.8	1023.8	1023.8	1023.8	1022.2									
風向(風力)		N 3	ENE 2	ENE 2	ENE 2	ENE 2	NE 2	NE 2	NE 3	NE 3	NE 3	NE 3	N 3	N 3	N 3	NNE 2	NNE 2	NNE 2	NNE 2	NNE 2	NNE 4	NNE 4									
水色		3	3	2	8	8	8	5	6	5	5	4	2	2	2	5	2	2	2	2	2	2									
透明度		19	12	19	6	5.5	5	5	5	6	8	8	19	21	25	5.5	19	19	19	20	18	19									
波高		SSW 2	S 1	SSW 2	SSW 2	SSW 2	SSW 2	SSW 2	SSW 2	SSW 2	SSW 2	S 1	S 1	S 1	S 1	S 1	SW 2	SW 2	SW 2	SW 3	SSW 3										
波ねり		S 2	S 2	S 2	S 2	S 2	S 1	S 1	S 1	S 1	S 1	S 1	S 1	S 1	S 1	S 1	W 1	W 1	W 1	S 2	S 2										
測点水深(m)		83	65	626	32	28	33	42	42	59	37	79	65	130	623	370	189	1.251	696	983	161	572									
水温(℃)		14.5	13.6	15.0	9.8	9.8	9.9	9.9	10.0	10.5	11.0	12.0	13.9	14.3	14.0	13.1	14.8	14.8	14.1	13.8	14.3	15.6									
0m		14.68	13.79	15.26	9.57	9.46	9.41	9.47	9.46	10.06	10.87	12.49	13.73	13.98	14.01	13.66	14.03	14.72	14.31	13.88	14.62										
10m		14.68	13.79	14.90	9.49	10.23	10.13	9.53	9.57	10.08	11.20	12.06	13.73	13.89	14.01	13.92	14.03	14.72	14.31	13.87	14.62										
20m		14.68	13.79	14.72	10.28	10.28	11.90	9.91	9.74	10.12	12.06	13.73	13.89	14.00	14.00	13.87	14.02	14.72	14.31	13.87	14.62										
30m		14.28	13.80	14.44	10.28	10.28	12.55(40m)	12.13(40m)	12.13(40m)	12.73	13.73	13.73	13.89	14.00	14.00	13.88	13.92	14.14	14.37	13.86	14.42										
40m				14.40	14.40	14.40					13.90	13.90	14.01	14.01	14.01	13.88	13.92	14.14	14.37	13.86	14.42										
50m				14.38	14.38	14.38					13.86	13.86	14.01	14.01	14.01	13.86	13.92	14.14	14.37	13.86	14.42										
100m				14.28	14.28	14.28					13.86	13.86	14.01	14.01	14.01	13.86	13.92	14.14	14.37	13.86	14.42										
150m				14.08	14.08	14.08					13.90	13.90	14.01	14.01	14.01	13.86	13.92	14.14	14.37	13.86	14.42										
200m				12.99	12.99	12.99					13.90	13.90	14.01	14.01	14.01	13.86	13.92	14.14	14.37	13.86	14.42										
250m				11.97	11.97	11.97					13.90	13.90	14.01	14.01	14.01	13.86	13.92	14.14	14.37	13.86	14.42										
300m				9.24	9.24	9.24					10.71	10.71	10.71	10.71	10.71	13.02	12.37	12.37	12.37	10.98	11.73										
400m				7.08	7.08	7.08					8.29	8.29	8.29	8.29	8.29	6.92	6.92	6.92	6.92	8.08	6.75										
500m				5.49	5.49	5.49					34.33	34.33	34.33	34.33	34.33	34.22	34.22	34.22	34.22	34.23	34.23										
600m				34.32	34.32	34.32					34.25	34.25	34.25	34.25	34.25	34.22	34.22	34.22	34.22	34.23	34.23										
塩分		34.55(2m)	34.40(2m)	34.62(2m)	32.63(2m)	32.51(2m)	32.62(2m)	32.65(2m)	32.61(2m)	32.90(2m)	33.21(2m)	33.76(2m)	34.43(2m)	34.45(2m)	34.45(2m)	33.92(2m)	34.53(2m)	34.61(2m)	34.54(2m)	34.54(2m)	34.58(2m)	34.63(1m)									
0m		34.55	34.40	34.61	32.62	32.58	32.62	32.65	32.63	32.91	33.34	34.01	34.43	34.45	34.45	34.40	34.53	34.59	34.54	34.54	34.58	34.63									
10m		34.55	34.40	34.58	32.67	33.03	32.99	32.70	32.70	32.94	33.54	34.14	34.43	34.45	34.44	34.44	34.53	34.56	34.56	34.53	34.58	34.63									
20m		34.55	34.40	34.57	33.05	33.76	33.76	32.85	32.82	32.94	33.85	34.34	34.43	34.45	34.44	34.44	34.53	34.53	34.53	34.54	34.57	34.63									
30m		34.47	34.40	34.54	33.05	33.76	33.76	32.85	32.82	32.94	33.85	34.34	34.43	34.45	34.44	34.44	34.53	34.53	34.53	34.54	34.56	34.60									
50m				34.53	34.53	34.53					34.39	34.39	34.44	34.45	34.44	34.53	34.53	34.54	34.54	34.54	34.56	34.60									
75m				34.53	34.53	34.53					34.39	34.39	34.44	34.45	34.44	34.53	34.53	34.54	34.54	34.54	34.56	34.60									
100m				34.53	34.53	34.53					34.39	34.39	34.44	34.45	34.44	34.53	34.53	34.54	34.54	34.54	34.56	34.60									
150m				34.53	34.53	34.53					34.39	34.39	34.44	34.45	34.44	34.53	34.53	34.54	34.54	34.54	34.56	34.60									
200m				34.51	34.51	34.51					34.39	34.39	34.44	34.45	34.44	34.53	34.53	34.54	34.54	34.54	34.56	34.60									
250m				34.39	34.39	34.39					34.39	34.39	34.44	34.45	34.44	34.53	34.53	34.54	34.54	34.54	34.56	34.60									
300m				34.40	34.40	34.40					34.39	34.39	34.44	34.45	34.44	34.53	34.53	34.54	34.54	34.54	34.56	34.60									
400m				34.35	34.35	34.35					34.33	34.33	34.31	34.31	34.31	34.31	34.31	34.31	34.31	34.31	34.31	34.31									
500m				34.33	34.33	34.33					34.25	34.25	34.23	34.23	34.23	34.23	34.23	34.23	34.23	34.23	34.23	34.23									
600m				5.97(2m)	5.97(2m)	5.97(2m)	5.97(2m)	5.92(2m)	5.94(2m)	5.81(2m)	5.69(2m)	5.47(2m)	5.30(2m)	5.19(2m)	5.11(2m)	5.14(2m)	5.15(2m)	5.24(2m)	4.94(2m)	5.01(2m)	5.15(2m)	5.04(1m)									
0m		5.13(2m)	5.27(2m)	5.16(2m)	5.97(2m)	5.97(2m)	5.97(2m)	5.92(2m)	5.94(2m)	5.80(2m)	5.62(2m)	5.39(2m)	5.28(2m)	5.18(2m)	5.11(2m)	5.12(2m)	5.18(2m)	5.22(2m)	4.94(2m)	5.00(2m)	5.13(2m)	5.06(2m)									
10m		5.14	5.25	5.15	5.95	5.94	5.89	5.93	5.90	5.80	5.62	5.39	5.28	5.18	5.11	5.12	5.18	5.22	4.94	5.00	5.13	5.06									
20m		5.12	5.25	5.13	5.93	5.69	5.67	5.91	5.89	5.81	5.49	5.33	5.29	5.15	5.11	5.12	5.14	5.17	4.93	5.02	5.14	5.05									
30m		5.13	5.25	5.15	5.61	5.27	5.27	5.75	5.75	5.70	5.29	5.19	5.19	5.15	5.13	5.13	5.15	5.15	4.94	5.03	5.13	5.03									
50m		5.16	5.26	5.13	5.09(40m)	5.09(40m)	4.92(40m)	4.92(40m)	4.85	4.85	5.00	5.00	5.00	5.16	5.13	5.11	5.11	5.11	4.95	4.97	5.07	5.07									
75m				5.09	5.09	5.09					5.00	5.00	5.00	5.16	5.13	5.11	5.11	5.11	4.95	4.97	5.06	5.06									
100m				5.09	5.09	5.09					5.00	5.00	5.00	5.16	5.13	5.11	5.11	5.11	4.95	4.97	5.06	5.06									
150m				4.94	4.94	4.94					5.04	5.04	5.04	5.16	5.13	5.11	5.11	5.11	4.95	4.97	5.03	5.03									
200m				4.76	4.76	4.76					5.04	5.04	5.04	5.16	5.13	5.11	5.11	5.11	4.95	4.97	5.03	5.03									
250m				3.50	3.50	3.50					3.92	3.92	3.92	3.92	3.92	3.78	3.78	3.78	3.48	3.56	3.44	4.11									
300m				2.67	2.67	2.67					3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	2.82	2.92	2.82	3.33									
400m				2.13	2.13	2.13					2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	3.33									
500m				2.13	2.13	2.13					2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	3.33									
600m				0.50	0.53	0.51	0.93	0.94	0.90	0.91	0.78	0.59	0.56	0.50	0.38	0.42	0.29	0.24	0.51	0.16	0.70	0.50									
0m		0.22	0.50	0.37	0.86	0.86	0.93	0.74	0.70	0.70	0.72	0.51	0.45	0.38	0.29	0.38	0.19	0.24	0.40	0.60	0.50										
10m		0.37	0.51	0.30	0.78	0.78	0.75	0.64	0.64	0.64	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46										
30m		0.43	0.46	0.45	0.45	0.45	0.61(40m)	0.42(40m)	0.29	0.29	0.42(40m)	0.30	0.53	0.45	0.45	0.45	0.29	0.43	0.40	0.40	0.40										
50m				0.38	0.38	0.38					0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38										
100m				0.35	0.35	0.35					0.35	0.35	0.35	0																	

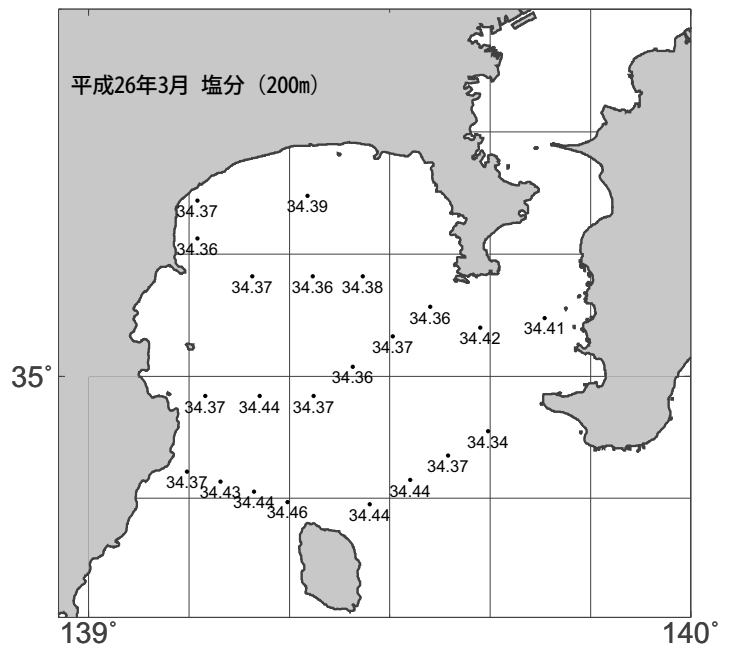
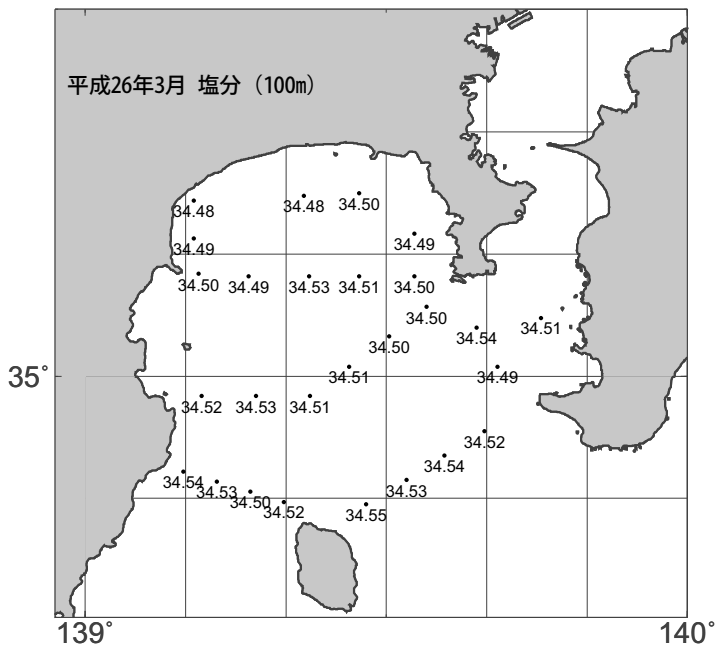
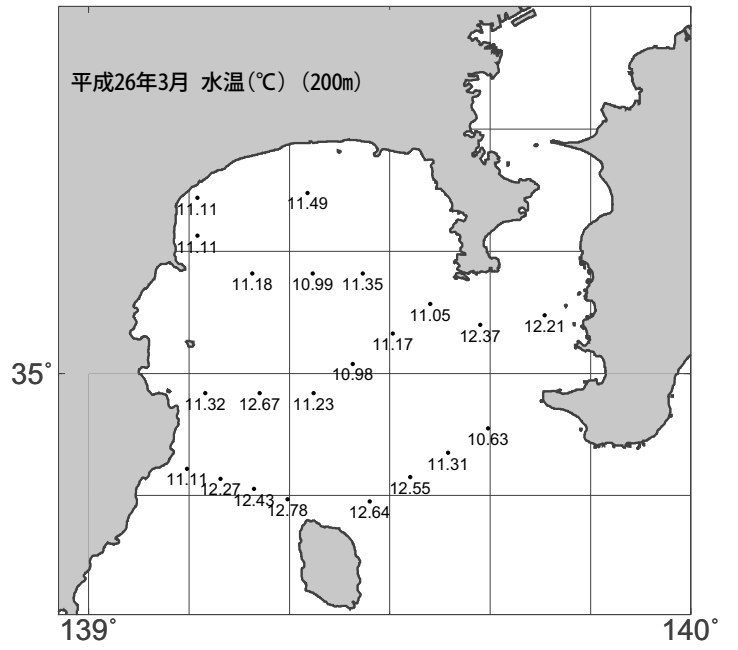
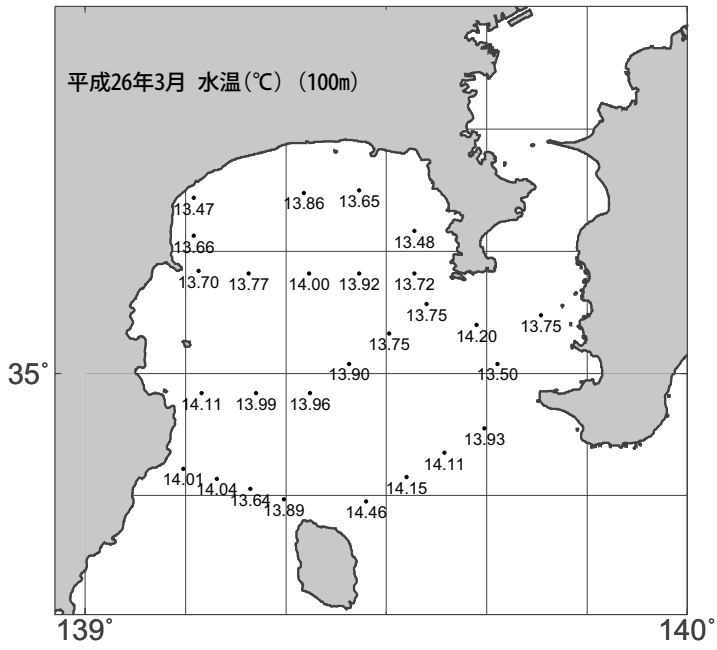
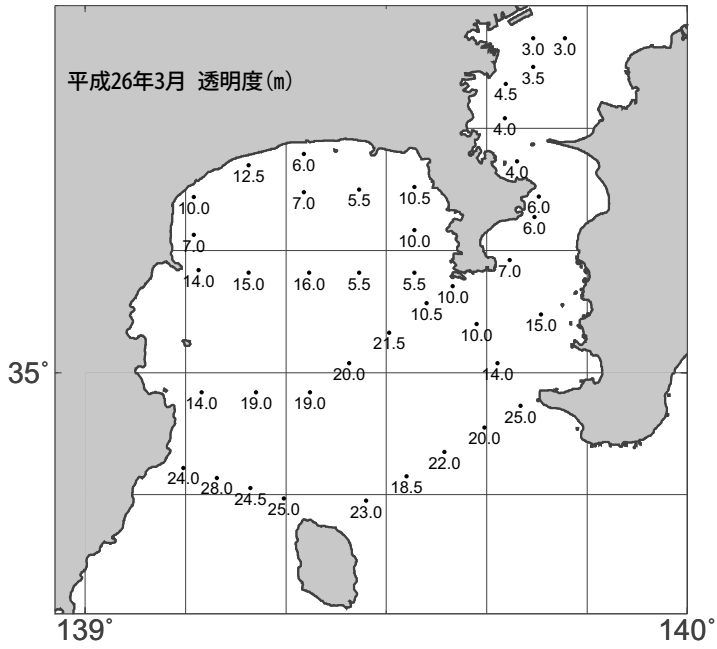
測点	15	16	17	18	19	22	23	24	25	26	A	B	D	H	I	ロ	ハ	ニ	ホ	ヘ	
観測日																					
開始時刻	10:28	9:20	9:20	9:55	8:00	12:59	12:27	11:56	11:24	10:58	13:53	14:25	12:45	12:23	13:57	14:30	14:57	15:23	6:36	7:16	
終了時刻	10:33	9:27	9:29	10:03	8:20	13:19	12:34	12:03	11:31	11:00	13:55	14:26	12:52	12:30	14:05	14:38	15:04	15:30	6:44	7:24	
天気			0		BC	C	BC	BC	BC	BC	C				0	0	0		C		
気温 (°C)		4.1	4.1		5.7	6.6	6.5	6.5	5.4	4.2			6.6			6.2	6.2	5.7	5.1		
風圧 (hPa)		MNE 3	MNE 3		1020.7	1019.7	1020.2	1020.2	1021.5	1022.9	MNE 1		1023.6			1020.9	1020.5	1020.5	1020.6		
風向/風力		2	2	2	2	NE 2	N 3	2	2	2	3	4	NW 2	2	2	2	N 2	NE 2	N 3		
透明度		20	20	20	20	21	23	25	23	24	16	14	19	21	19	19	23	19	19	18	
波高		SW 2	SW 2	S 3	S 3	SW 2	S 3	S 3	S 3	S 2	S 1	S 1	NW 2	2	2	SSW 2	SSW 2	SSW 2	S 2		
流れ		W 1	W 1		SW 2	SW 2	SW 2	S 2	S 2	S 2	SW 2	SW 2	SW 2			SSW 1	SSW 2	SSW 1	S 1		
測点水深 (m)	163	436	852	1,223	1,506	1,499	1,554	829	545	82	71	29	62	330	462	558	1,013	537	778	1,388	
水温 (°C)	15.8	14.6	14.7	15.0	15.4	16.2	16.0	15.9	15.9	15.8	13.5	13.7	14.2	14.3	15.2	15.0	15.0	14.9	14.3	14.4	
0m	15.91	14.66	14.67	15.11	15.68	16.44	16.37	16.28	16.18	16.14	13.82	13.94	14.19	14.42	15.21	14.97	14.96	14.91	14.41	14.73	
10m	15.91	14.66	14.52	15.11	15.67	16.44	16.37	16.28	16.18	16.14	13.81	14.01	14.17	14.43	15.19	14.99	14.96	14.88	14.41	14.73	
20m	15.91	14.66	14.44	15.11	15.11	16.44	16.38	16.27	16.18	16.13	13.82	14.17	14.15	14.43	15.15	14.89	14.97	14.85	14.41	14.73	
30m	15.87	14.67	14.30	14.44	14.96	16.07	16.21	16.26	16.18	16.14	13.83	14.12	14.12	14.39	15.11	14.89	14.97	14.77	14.35	14.74	
50m	15.23	14.36	14.15	14.35	14.69	15.52	15.67	15.09	15.03	14.85	14.92	14.71	14.71	14.51	15.01	14.85	14.88	14.62	14.30	14.41	
100m	14.93	14.35	14.08	14.22	14.32	14.82	14.59	14.77	14.90	14.98	14.98	14.98	14.09	14.30	14.98	14.94	14.69	14.40	14.30	14.51	
150m	14.36	13.87	14.06	14.14	13.16	13.16	12.60	13.88	13.94	14.07	13.96	14.49	13.96	13.88	14.16	14.49	13.96	14.40	14.23	14.21	
200m		13.07	14.03	13.98	11.79	11.67	12.26	12.86	12.83	13.91	13.21	13.71	12.85	13.71	12.85	13.53	12.78	12.96	12.77	12.64	
250m		11.85	12.44	12.69	10.91	10.78	11.10	11.22	11.56						12.14	12.56	12.46	11.97	11.62	11.31	
300m					10.09	10.60															
400m					8.68	7.98															
500m					7.12	6.71															
600m					5.85	5.49															
塩分	34.62(2m)	34.57(2m)	34.61(3m)	34.60(2m)	34.63(2m)	34.64(2m)	34.63(2m)	34.62(2m)	34.63(1m)	34.63(2m)	34.63(2m)	34.28(2m)	34.57(2m)	34.54(2m)	34.60(2m)	34.58(1m)	34.57(2m)	34.57(1m)	34.56(1m)	34.58(2m)	
0m	34.62	34.57	34.59	34.60	34.64	34.64	34.63	34.62	34.63	34.63	34.63	34.49	34.55	34.54	34.60	34.58	34.57	34.57	34.56	34.58	
10m	34.62	34.57	34.58	34.60	34.63	34.64	34.63	34.62	34.63	34.63	34.49	34.52	34.55	34.54	34.60	34.58	34.57	34.57	34.56	34.58	
20m	34.62	34.57	34.58	34.60	34.60	34.64	34.63	34.62	34.63	34.63	34.49	34.52	34.55	34.54	34.60	34.58	34.57	34.57	34.56	34.58	
30m	34.61	34.57	34.56	34.56	34.56	34.60	34.62	34.62	34.63	34.63	34.50		34.54	34.55	34.58	34.58	34.57	34.56	34.55	34.58	
50m	34.61	34.57	34.56	34.56	34.56	34.58	34.59	34.55	34.55	34.55			34.54	34.54	34.57	34.58	34.57	34.56	34.54	34.55	
75m	34.57	34.53	34.55	34.56	34.56	34.58	34.59	34.55	34.55	34.55			34.54	34.54	34.57	34.58	34.57	34.56	34.54	34.55	
100m	34.55	34.53	34.54	34.54	34.54	34.54	34.53	34.54	34.55	34.54			34.54	34.54	34.57	34.58	34.54	34.54	34.54	34.54	
150m	34.49	34.46	34.53	34.53	34.51	34.46	34.43	34.48	34.50	34.48			34.53	34.48	34.52	34.53	34.50	34.53	34.54	34.54	
200m	34.49	34.45	34.54	34.51	34.39	34.40	34.41	34.44	34.44	34.44			34.50	34.42	34.45	34.48	34.44	34.45	34.44	34.43	
250m		34.40	34.42	34.43	34.36	34.35	34.36	34.37	34.39				34.43	34.42	34.41	34.43	34.43	34.40	34.39	34.37	
300m					34.31	34.34															
400m					34.27	34.33															
500m					34.18	34.17															
600m					34.23	34.16															
溶解酸素 (ml/l)	4.95(2m)	5.10(2m)	5.23(3m)	5.13(2m)	5.08(2m)	5.10(2m)	4.98(2m)	4.87(2m)	5.01(1m)	4.92(2m)	5.26(2m)	5.25(2m)	5.22(2m)	5.13(2m)	5.15(2m)	5.09(1m)	5.03(2m)	5.07(1m)	5.06(1m)	5.09(2m)	
0m	4.93	5.08	5.23	5.15	5.12	5.06	4.98	4.87	4.97	4.89	5.09	5.23	5.17	5.14	5.14	5.11	5.02	5.07	5.06	5.09	
10m	4.95	5.08	5.16	5.13	5.12	5.07	4.97	4.86	4.96	4.91	5.09	5.19	5.16	5.13	5.11	5.09	5.04	5.08	5.05	5.10	
20m	4.93	5.08	5.19	5.11	5.11	5.09	4.97	4.84	4.93	4.90	5.09	5.19	5.14	5.13	5.08	5.10	5.02	5.09	5.05	5.10	
30m	4.91	5.08	5.15	5.14	5.08	4.93	4.99	4.83	4.40	4.89	5.08		5.12	5.06	5.04	5.09	5.01	5.09	5.01	5.10	
50m	4.85	4.94	5.14	5.14	4.96	4.73	4.80	4.33	4.22	4.89			5.13	4.96	5.02	5.06	5.01	5.09	5.01	5.10	
75m	4.80	4.93	5.10	5.09	4.99	4.05	4.38	4.42	4.22	4.22			5.10	4.96	5.01	5.06	5.01	5.07	4.99	5.05	
100m	4.80	4.93	5.10	5.09	4.99	4.05	4.38	4.42	4.22	4.22			5.10	4.96	5.01	5.06	5.01	5.07	4.99	5.05	
150m	4.94	4.58	5.06	5.06	5.06	3.69	3.61	3.79	4.25	4.54			5.10	4.86	4.88	4.97	4.97	4.94	4.94	5.02	
200m		3.70	5.03	4.94	3.41	3.38	3.57	3.63	3.72	3.72			4.91	4.86	4.88	4.97	4.97	4.94	4.94	5.02	
250m		3.37	3.50	3.58	3.28	3.26	3.33	3.34	3.39				3.61	4.35	3.77	4.00	3.66	3.67	3.60	3.60	
300m					3.15	3.20									3.88	3.63					
400m					2.84	2.75									3.66						
500m					2.65	2.53									3.66						
600m					2.08	2.11									3.66						
COD (ppm)	0.40	0.38	0.22	0.19	0.43	0.51	0.43	0.51	0.38	0.48	0.35	0.78	0.35	0.85	0.46	0.53	0.46	0.50	0.50	0.43	
0m					0.43	0.51	0.43	0.51	0.38	0.48	0.35	0.78	0.35	0.85	0.46	0.53	0.46	0.50	0.50	0.43	
10m					0.43	0.46			0.21		0.21		0.37								
30m					0.24	0.48			0.37		0.37		0.27								
50m					0.43	0.45			0.27		0.27		0.27								
100m					0.38	0.30			0.30		0.30		0.30								
250m					0.51	0.29			0.29		0.29		0.29								
NH ₄ -N (μM)	0.32	0.32	0.26	0.30	0.30	0.31	0.32	0.27	0.29	0.40	0.35	1.36	0.30	0.34	0.34	0.28	0.30	0.30	0.32	0.33	
0m																					





測点	浅海定線調査(平成26(2014)年3月)												沿岸定線調査(平成26(2014)年2月)											
	13	27	29	112	117	118	123	124	129	134	136	1	2	3	5	6	7	9	10	12	14			
観測日	8:54	10:31	9:35	13:37	13:58	13:09	12:44	12:18	11:53	11:25	11:02	13:45	13:13	13:32	11:55	11:03	10:30	11:58	9:30	8:57	9:24			
開始時刻	8:57	10:33	9:56	13:38	13:59	13:10	12:46	12:20	11:55	11:26	11:05	13:48	13:16	13:48	12:03	11:07	10:37	12:19	9:37	9:02	9:33			
終了時刻																								
天気	BC	BC	0	BC	C	C	C	C	0	0	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC			
気温	6.2	7.6	7.6	9.1	8.4	8.2	7.8	7.7	7.7	7.9	7.9	8.4	8.4	8.4	7.4	7.4	5.9	5.9	6.1	6.1	6.1			
気温(°C)																								
気圧(hPa)	1029.6	1019.5	1019.5	1021.0	1021.0	1021.0	1020.9	1020.9	1021.0	1021.0	1017.8	1023.6	1023.6	1023.6	1024.6	1019.7	1024.6	1019.7	1025.1	1025.1	1025.1			
風向(風力)	4	4	4	3	3	3.5	4.5	4	4	4	4	5	5	5	5	4	4	5	6	6	4			
透明度	10	7	15	3	3	3	4	4	4	4	6	6	6	7	7	10	14	15	16	10	10			
波高	SW 1	S 2	S 2	SW 1	SW 1	SW 1	SW 1	SW 1	SW 1	SW 1	NW 1	N 1	N 1	N 1	N 1	SSE 2	SSW 1	SSE 1	SSW 1	NW 1	NW 1			
測点水深(m)	82	57	687	32	27	30	41	28	58	35	78	62	186	566	358	165	1,251	695	983	156	576			
水温(°C)	12.0	12.6	13.6	9.6	10.0	10.0	10.1	10.6	11.0	11.9	12.2	13.5	13.8	13.5	14.0	13.9	13.6	14.0	11.7	11.1	13.0			
0m	12.53	12.51	13.76	10.20	9.79	9.97	10.05	10.18	10.63	12.25	12.09	13.27	13.93	13.88	13.88	13.88	13.69	13.64	12.85	11.20	12.62			
10m	12.50	12.52	13.77	11.76	11.63	11.53	10.27	10.29	10.65	12.60	12.17	13.25	13.92	13.60	13.95	13.89	13.59	13.67	13.44	13.44	12.82			
20m	12.80	13.03	13.77	11.89			10.94		10.65	12.83	13.43	13.88	14.01	13.58	13.72	13.89	13.62	13.70	13.89	13.80	13.08			
30m	14.20	13.27					12.49(40m)		12.34	12.82	13.88	13.88	13.64	13.65	13.65	13.65	13.66	13.66	13.81	13.82	13.20			
50m																								
70m																								
100m																								
150m																								
200m																								
250m																								
300m																								
400m																								
500m																								
600m																								
塩分	33.90(2m)	33.84(2m)	34.45(2m)	30.93(2m)	30.45(2m)	30.94(2m)	31.00(2m)	32.01(2m)	32.60(2m)	33.37(2m)	33.59(2m)	34.27(2m)	33.88(2m)	34.21(2m)	34.23(2m)	34.44(2m)	34.43(2m)	34.39(2m)	33.66(2m)	33.22(2m)	34.00(2m)			
0m	33.90	33.90	34.45	31.90	30.75	31.46	31.66	32.03	32.60	33.72	33.59	34.25	34.14	34.20	34.43	34.45	34.43	34.39	34.11	33.32	34.01			
10m	33.92	33.84	34.45	33.26	33.08	33.13	32.15	32.60	33.96	33.66	34.27	34.32	34.25	34.32	34.40	34.45	34.44	34.41	34.28	34.35	34.06			
20m	34.01	34.13	34.45	33.35	33.35	33.33	32.56	34.12	34.12	34.12	33.81	34.33	34.32	34.37	34.40	34.45	34.44	34.41	34.26	34.47	34.12			
30m	34.54	34.24	34.46			33.78(40m)			33.73		34.19	34.50	34.48	34.41	34.49	34.46	34.45	34.45	34.50	34.48	34.16			
50m																								
70m																								
100m																								
150m																								
200m																								
250m																								
300m																								
400m																								
500m																								
600m																								
保存酸素(mg/l)	5.81(2m)	5.62(2m)	5.30(2m)	7.34(2m)	7.42(2m)	7.08(2m)	7.25(2m)	6.61(2m)	6.20(2m)	5.56(2m)	5.47(2m)	5.92(2m)	6.33(2m)	7.06(2m)	5.99(2m)	5.72(2m)	5.58(2m)	5.60(2m)	6.93(2m)	6.60(2m)	5.54(2m)			
0m	5.82	5.60	5.31	6.52	7.12	6.60	6.65	6.63	6.18	5.29	5.43	5.91	6.05	7.11	5.79	5.60	5.53	6.25	6.32	5.49	5.49			
10m	5.75	5.61	5.30	5.61	5.62	5.62	6.47	6.46	6.19	5.04	5.36	5.74	5.73	6.01	5.61	5.48	5.46	5.40	6.08	5.47	5.50			
20m	5.66	5.33	5.25	5.46			5.97		6.19	4.90	5.10	5.49	5.59	5.77	5.77	5.47	5.43	5.34	5.83	5.42	5.51			
30m	5.23	5.28				5.26(40m)			5.25		4.84	4.96	4.83	5.50	5.24	5.38	5.40	5.22	5.29	5.36	5.51			
50m											4.88	4.88	4.93	4.84	4.84	4.98	4.88	5.35	5.09	5.32	5.12			
70m																								
100m																								
150m																								
200m																								
250m																								
300m																								
400m																								
500m																								
600m																								
COD(ppm)	0.59	0.67	0.50	2.29	1.02	1.68	2.22	1.36	1.10	0.82	0.75	0.72	0.90	1.41	0.72	0.72	0.31	0.39	1.07	1.12	0.61			
0m	0.90	0.53	0.26	1.44			1.41	1.62	1.10	0.83	0.75	0.80	0.82	1.94	0.46	0.62	0.33	0.39	0.72	1.17	0.43			
10m	0.72	0.53	0.40	1.09			1.18		1.17	0.59	0.67	0.53	0.72	0.72	0.69	0.56	0.26	0.40	0.36	0.43	0.48			
30m	0.38	0.59	0.40				1.09(40m)		0.69	0.84	0.64	0.50	0.48	0.45	0.88	0.50	0.45	0.40	0.48	0.48	0.48			
50m																								
100m																								
250m																								
NH ₄ -N(μM)	0.66	0.51	0.33	2.62	3.88	3.49	2.59	2.14	1.88	1.02	0.71	0.43	0.29	0.22	0.27	0.25	0.32	0.27	0.21	0.36	0.53			
0m	0.58	0.47	0.33	2.33	2.33	2.33	2.31	2.16	1.89	0.73	0.75	0.37	0.22	0.29	0.43	0.28	0.31	0.39	0.28	0.35	0.84			
10m	0.54	0.45	0.31	2.31			1.83	0.35	1.84	0.50	0.72	0.37	0.26	0.37	0.26	0.42	0.45	0.36	0.36	0.30	0.84			
30m	0.41	0.41	0.26				1.19(40m)		0.99		0.48	0.23	0.44	0.44	0.34	0.45	0.44	0.40	0.40	0.31	0.84			
50m																								
100m																								
250m																								
NO ₃ -N(μM)	0.74	0.84	0.46	2.07	2.48	2.18	2.02	1.58	1.32	0.84	0.80	0.57	0.41	0.25	0.32	0.31	0.41	0.39	0.65	0.85	0.76			
0m	0.74	0.84	0.41	1.68			1.75	1.59	1.29	0.70	0.79	0.56	0.23	0.23	0.33	0.34	0.36	0.40	0.39	0.84	0.84			
10m	0.73	0.76	0.40	1.17			0.91(40m)		0.90	0.51	0.59	0.52	0.42	0.42	0.44	0.36	0.44	0.40	0.39	0.39	0.84			
30m	0.45	0.63	0.39																					
50m																								
100m																								
250m																								
NO ₃ -N(μM)	42.03	46.76	36.77	40.67	41.16	40.75	41.71	42.78	43.77	44.54	44.99	27.76	24.31	6.60	21.46	23.05	30.05	31.10	28.01	45.25	44.84			
0m	41.92	46.32	38.16	41.22			41.78	42.57	43.71	44.59	44.90	28.31	4.95	31.47	24.80	27.60	30.55	30.55	30.55	45.68	44.84			
10m	42.11	45.96	37.70	42.10			42.13	43.59	43.59	44.67	44.90	31.33	25.73	22.97	27.60	31.53	31.53	31.						





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