



**PROFILES OF OCEANOGRAPHIC DATA
IN THE SOUTH CHINA SEA DURING POST MONSOON PERIOD
(25 APRIL - 31 MAY 1997)**

AREA 2 : OFF SABAH, SARAWAK AND BRUNEI DARUSSALAM

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TD/RES/42

August 1997

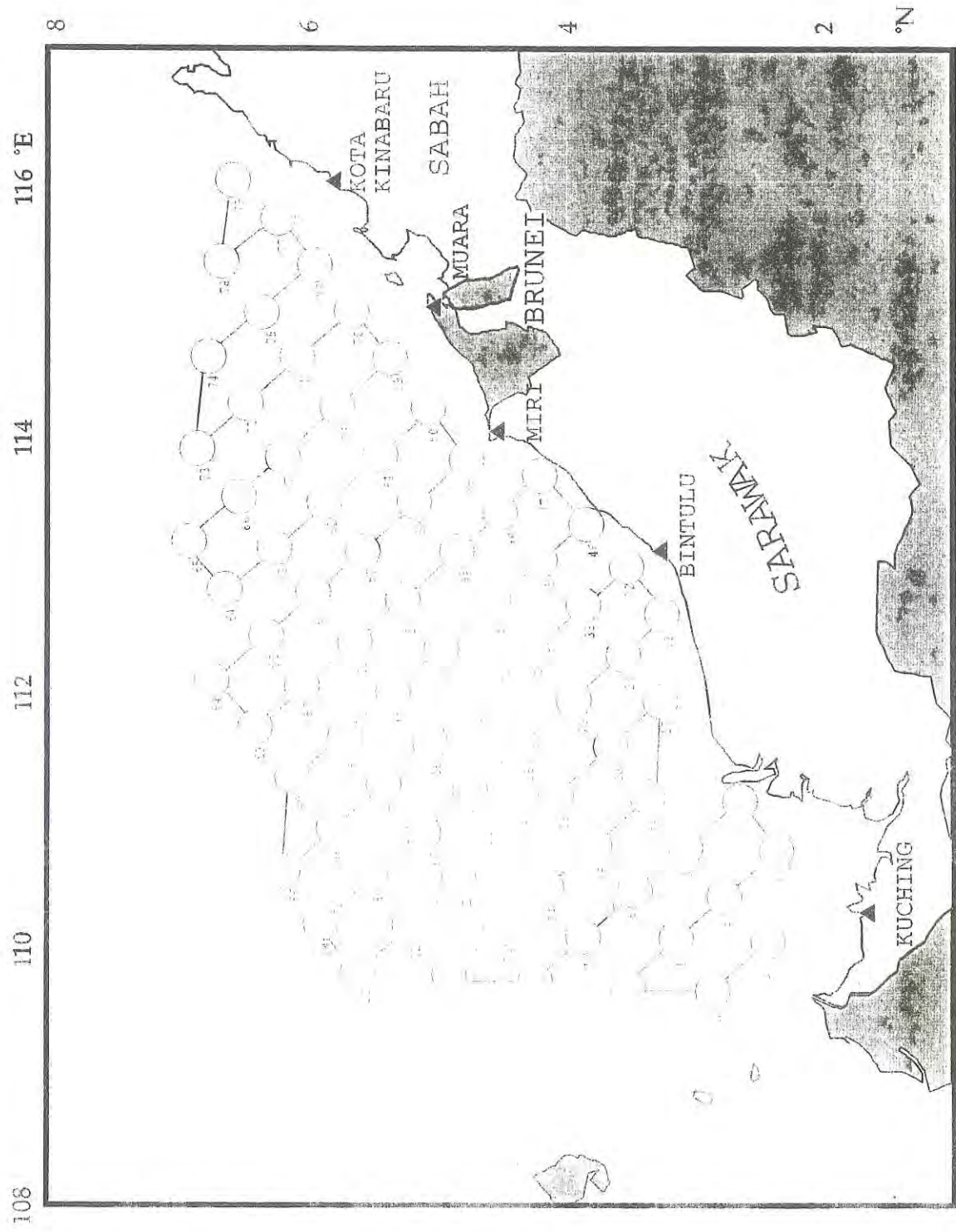
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Date Received 05 NOV 1998
Call No. PD/RES/44

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Map of the survey area

SEAFDEC Collaborative Research III on M.V. SEAFDEC Cruise no. 34-6/1996

in South China Sea (Part 2 Sabah , Sarawak and Brunei Darussalam)

St. no	Date	Time	Latitude	Longitude	Depth(m)	Remarks
1	10 Jul 96	6:45	02_18.00 N	110_00.00 E	38	
2	10 Jul 96	11:07	02_43.30 N	109_41.80 E	54.5	
3	10 Jul 96	17:00	03_26.20 N	109_42.70 E	79.8	
4	10 Jul 96	21:10	03_02.00 N	110_04.20 E	66	
5	11 Jul 96	6:38	02_40.10 N	110_22.80 E	79.5	
6	11 Jul 96	10:55	02_17.40 N	110_41.30 E	43.5	
7	11 Jul 96	15:23	02_37.90 N	111_05.00 E	32.5	
8	11 Jul 96	19:32	03_00.20 N	110_44.00 E	39.8	
9	12 Jul 96	6:35	03_23.40 N	110_24.90 E	68.5	
10	12 Jul 96	11:03	03_45.00 N	110_04.70 E	86	
11	12 Jul 96	15:17	04_09.01 N	109_45.50 E	100	
12	12 Jul 96	21:50	04_51.50 N	109_49.10 E	118.5	
13	13 Jul 96	6:32	04_28.00 N	110_08.00 E	115.5	
14	13 Jul 96	10:41	04_05.80 N	110_28.80 E	93.5	
15	13 Jul 96	14:58	03_41.63 N	110_49.58 E	65.5	
16	13 Jul 96	19:20	03_19.50 N	111_07.40 E	62.7	
17	14 Jul 96	7:30	03_15.70 N	111_50.30 E	33	
18	14 Jul 96	11:40	03_39.50 N	111_30.90 E	49.5	
19	14 Jul 96	16:25	04_03.20 N	111_10.50 E	70	
20	14 Jul 96	21:18	04_23.70 N	110_50.60 E	90	
21	15 Jul 96	6:20	04_46.90 N	110_31.80 E	119	
22	15 Jul 96	10:31	05_10.40 N	110_12.50 E	146	
23	15 Jul 96	14:51	05_33.20 N	109_52.40 E	145	

SEAFDEC Collaborative Research III on M.V. SEAFDEC Cruise no. 34-6/1996

in South China Sea (Part 2 Sabah , Sarawak and Brunei Darussalam)

St. no	Date	Time	Latitude	Longitude	Depth(m)	Remarks
24	15 Jul 96	19:15	05_52.30 N	110_15.80 E	528	
25	16 Jul 96	6:24	05_29.60 N	110_34.80 E	200	
26	16 Jul 96	10:49	05_06.10 N	110_55.10 E	123	
27	16 Jul 96	15:07	04_43.10 N	111_14.40 E	95.5	
28	16 Jul 96	19:28	04_28.90 N	111_34.90 E	79.5	
29	17 Jul 96	6:27	03_58.60 N	111_52.50 E	56	
30	17 Jul 96	10:45	03_31.90 N	112_09.50 E	32	
31	18 Jul 96	20:50	03_13.30 N	112_32.76 E	21.5	
32	19 Jul 96	6:25	03_33.50 N	112_55.70 E	34	
33	19 Jul 96	10:50	03_55.80 N	112_37.00 E	49	
34	19 Jul 96	15:11	04_18.16 N	112_14.77 E	71	
35	19 Jul 96	19:25	04_41.00 N	111_55.10 E	88	
36	20 Jul 96	6:20	05_02.80 N	111_38.50 E	108	
37	20 Jul 96	10:55	05_26.40 N	111_17.10 E	384	
38	20 Jul 96	15:20	05_48.60 N	110_56.50 E	1,031	
39	20 Jul 96	20:05	06_11.70 N	110_37.00 E	1,225	
40	21 Jul 96	6:16	06_09.10 N	111_18.90 E	1,018	
41	21 Jul 96	10:57	05_45.30 N	111_40.00 E	1,207	
42	21 Jul 96	15:57	05_22.40 N	111_59.60 E	134	
43	21 Jul 96	20:15	05_00.30 N	112_18.70 E	105	
44	22 Jul 96	6:20	04_38.20 N	112_39.20 E	89	
45	22 Jul 96	10:45	04_11.70 N	112_59.50 E	66	
46	22 Jul 96	14:55	03_51.70 N	113_18.20 E	20	

SEAFDEC Collaborative Research III on M.V. SEAFDEC Cruise no. 34-6/1996

in South China Sea (Part 2 Sabah , Sarawak and Brunei Darussalam)

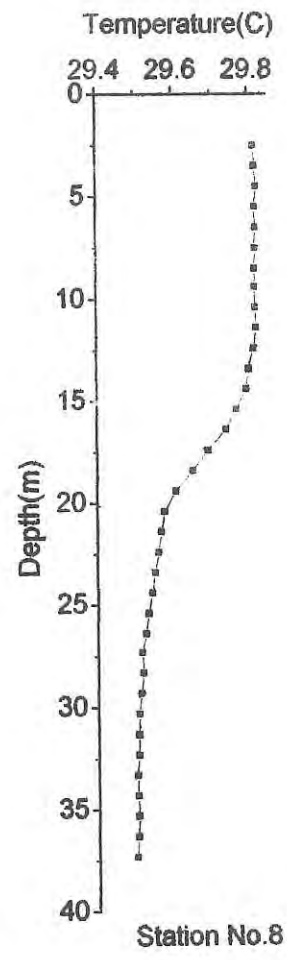
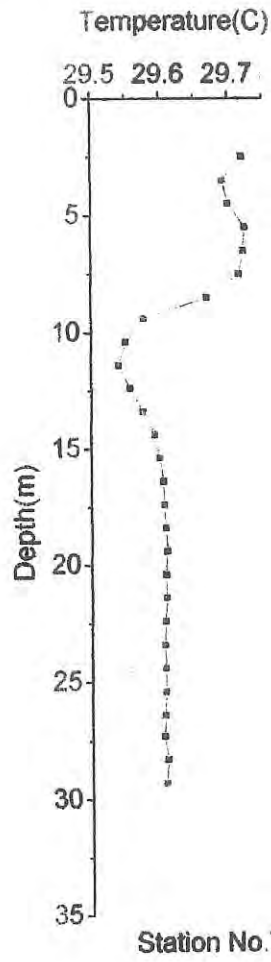
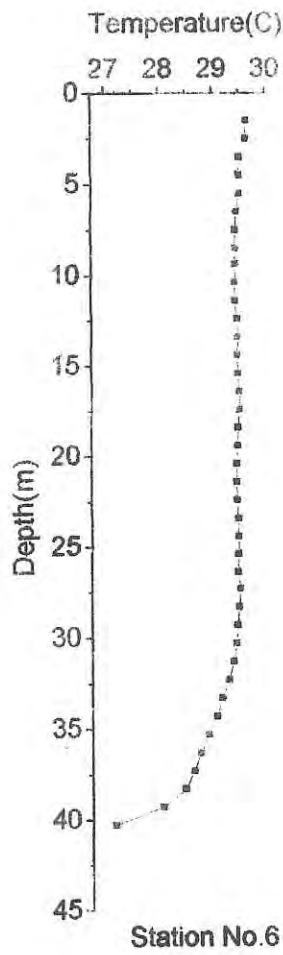
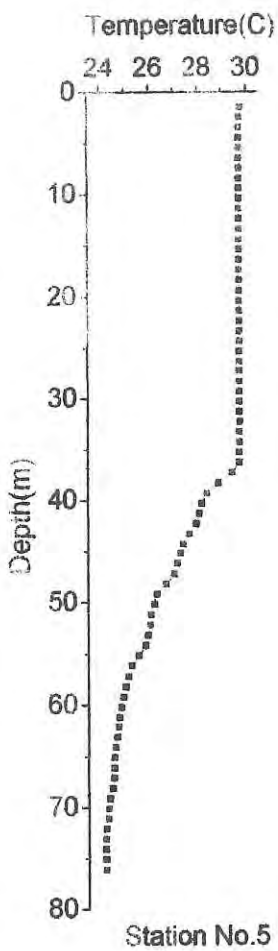
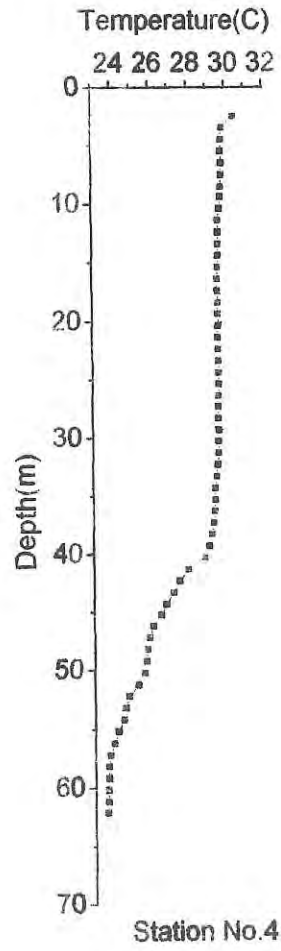
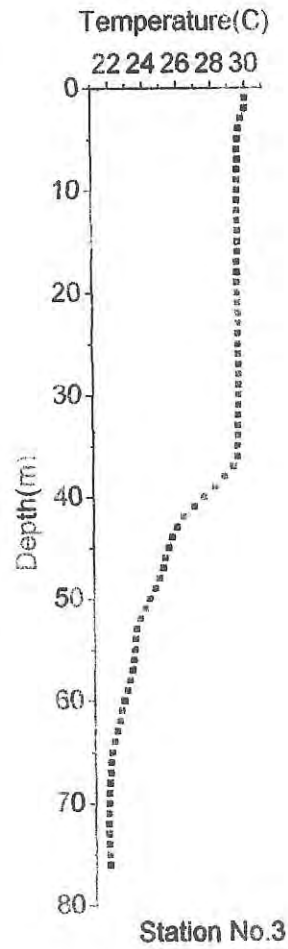
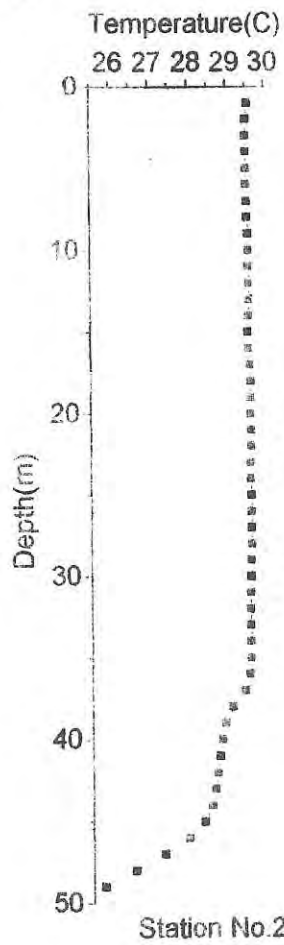
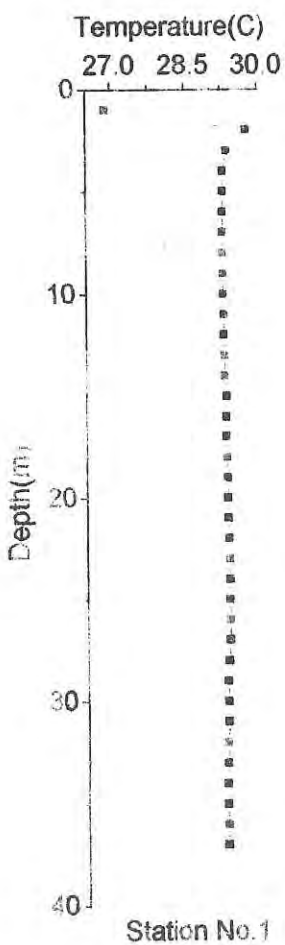
St. no	Date	Time	Latitude	Longitude	Depth(m)	Remarks
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48	24 Jul 96	9:30	04_35.00 N	113_21.00 E	78	
49	24 Jul 96	13:40	04_58.40 N	113_00.10 E	105	
50	24 Jul 96	18:00	05_20.40 N	112_41.50 E	425	
51	24 Jul 96	6:25	05_42.50 N	112_20.20 E	192	
52	25 Jul 96	10:40	06_05.30 N	112_01.10 E	1,650	
53	25 Jul 96	16:00	06_29.30 N	111_40.70 E	1,924	
54	25 Jul 96	22:08	06_48.20 N	112_04.40 E	2,032	
55	26 Jul 96	6:38	06_26.30 N	112_24.40 E	1,316	
56	26 Jul 96	11:10	06_02.70 N	112_44.20 E	1,148	
57	26 Jul 96	16:10	05_39.60 N	113_04.80 E	2,340	
58	26 Jul 96	21:05	05_17.30 N	113_23.70 E	1,619	
59	27 Jul 96	6:13	04_55.10 N	113_44.30 E	96	
60	27 Jul 96	10:35	05_14.20 N	114_07.10 E	178	
61	27 Jul 96	15:11	05_38.20 N	113_46.00 E	2,148	
62	27 Jul 96	20:15	05_59.90 N	113_27.30 E	2,561	
63	28 Jul 96	6:35	06_23.00 N	113_08.10 E	1,628	
64	28 Jul 96	11:48	06_45.00 N	112_46.80 E	1,242	
65	28 Jul 96	16:33	07_06.20 N	113_09.40 E	1,457	
66	28 Jul 96	21:11	06_42.50 N	113_29.90 E	1,881	
67	29 Jul 96	6:54	06_19.80 N	113_50.20 E	2,814	
68	29 Jul 96	11:55	05_56.10 N	114_09.80 E	1,789	
69	29 Jul 96	16:40	05_33.40 N	114_29.20 E	97	

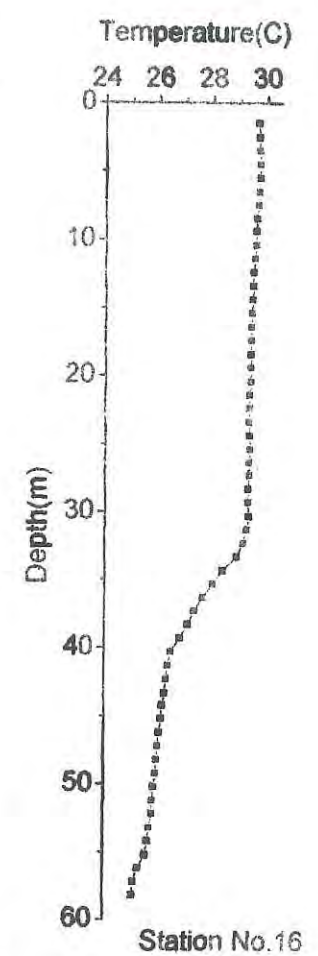
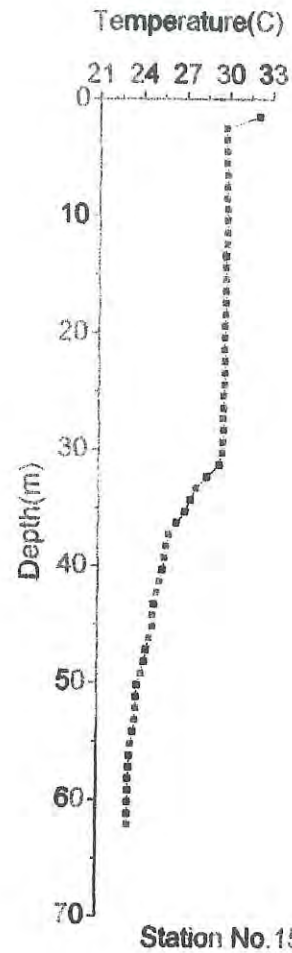
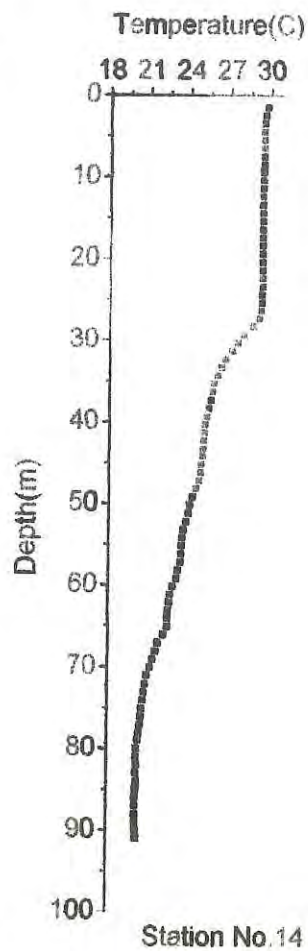
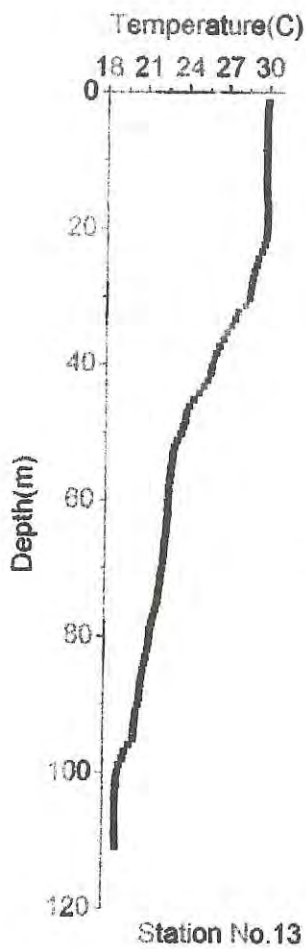
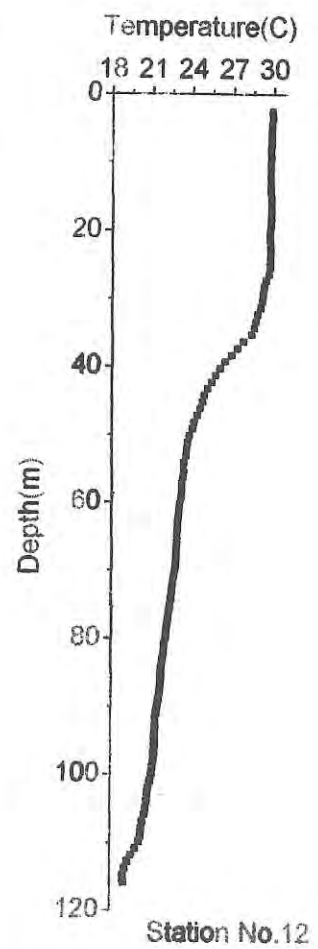
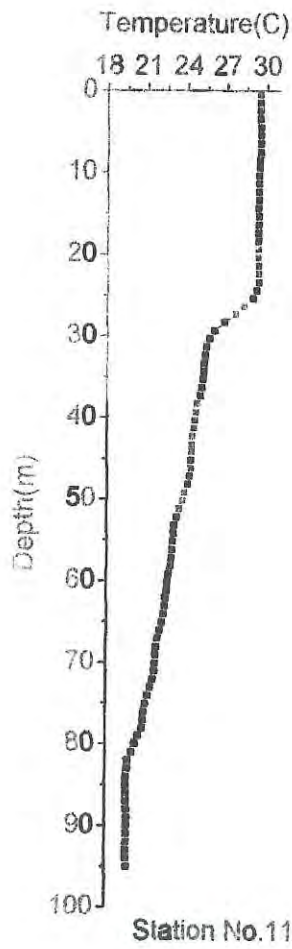
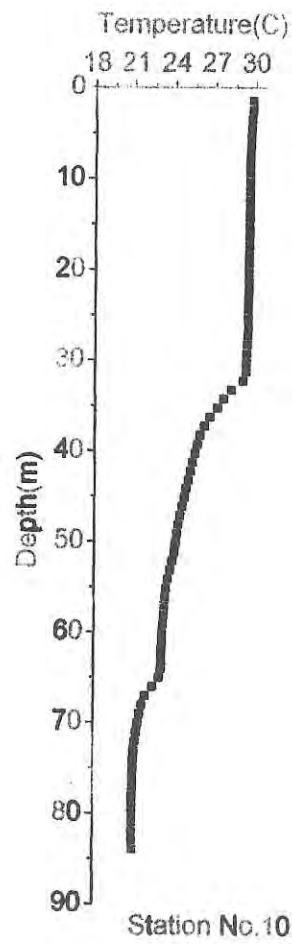
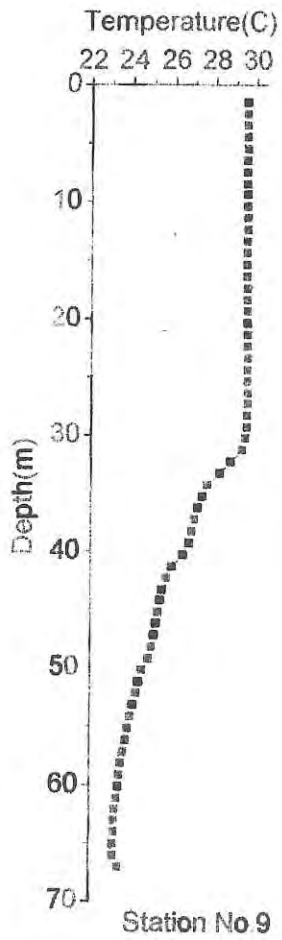
SEAFDEC Collaborative Research III on M.V. SEAFDEC Cruise no. 34-6/1996

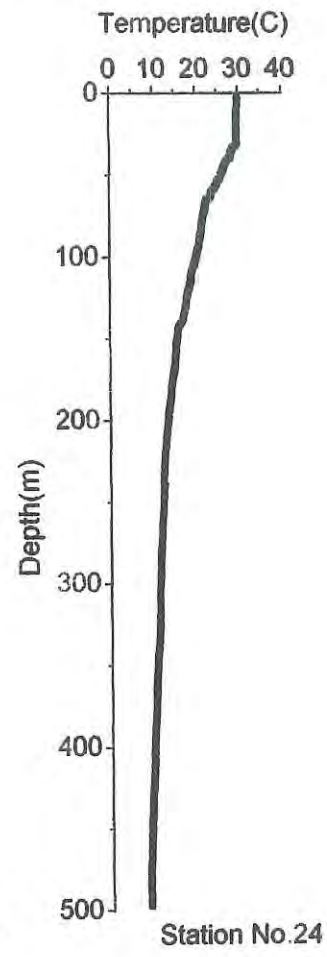
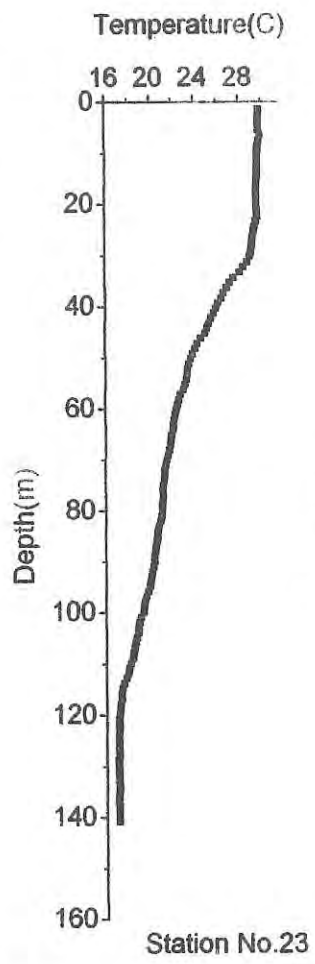
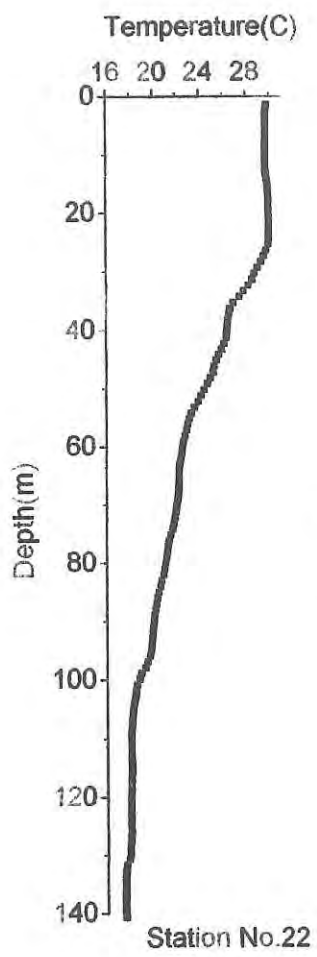
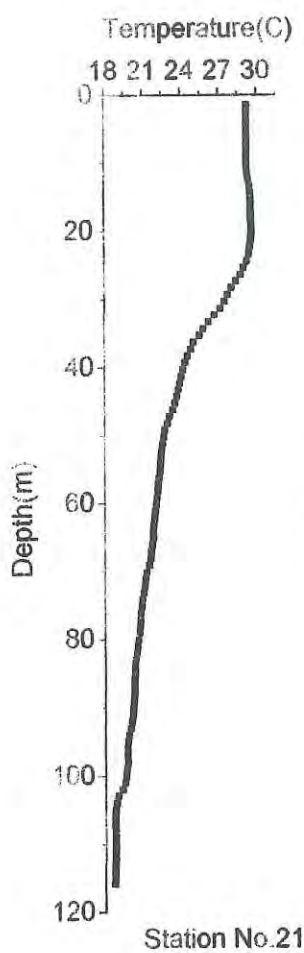
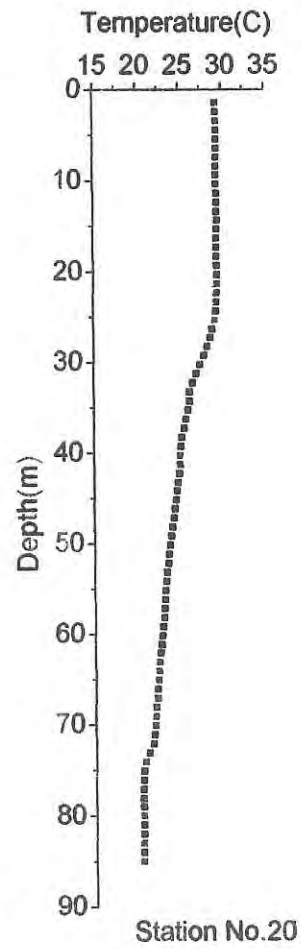
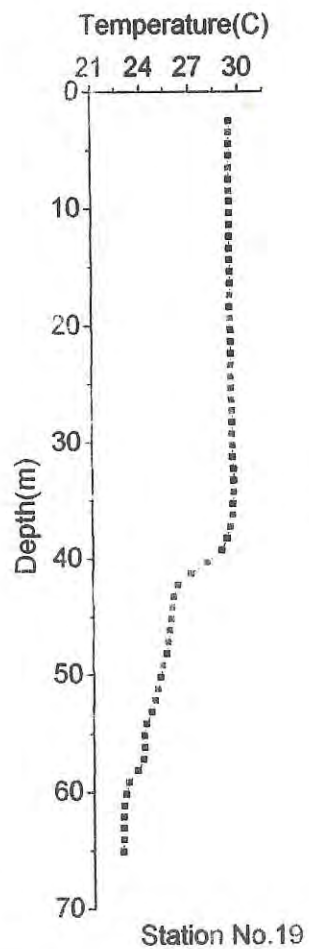
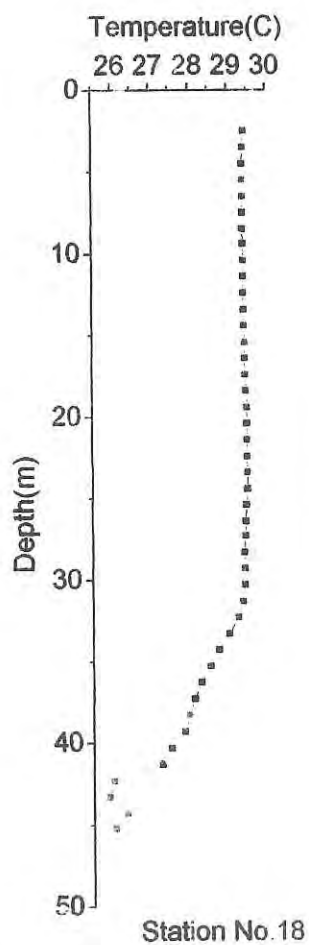
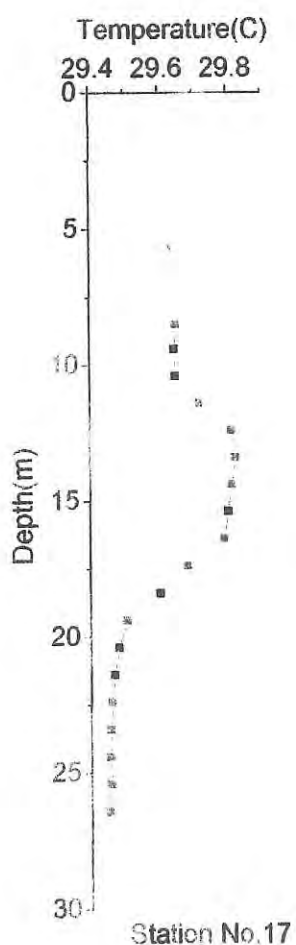
in South China Sea (Part 2 Sabah , Sarawak and Brunei Darussalam)

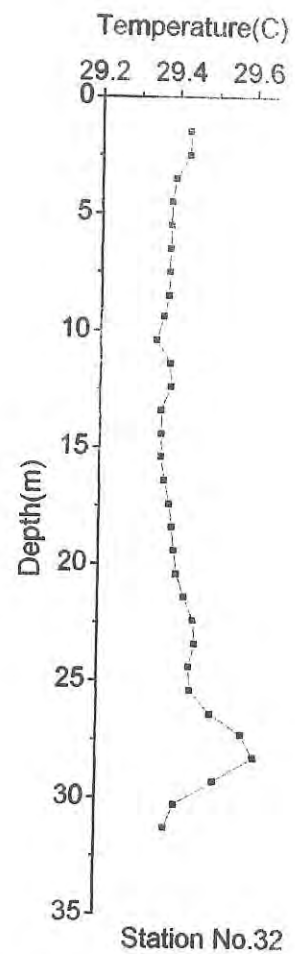
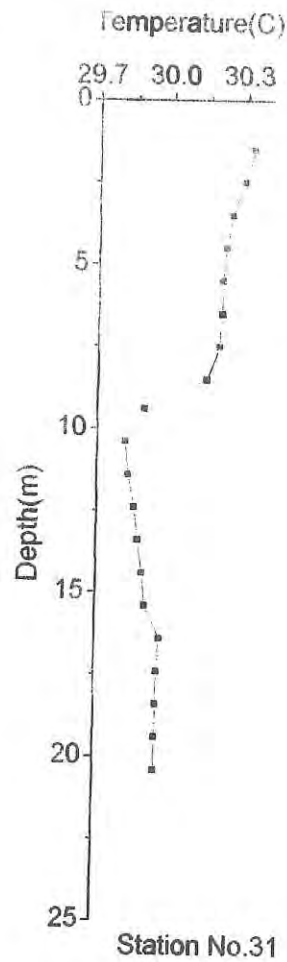
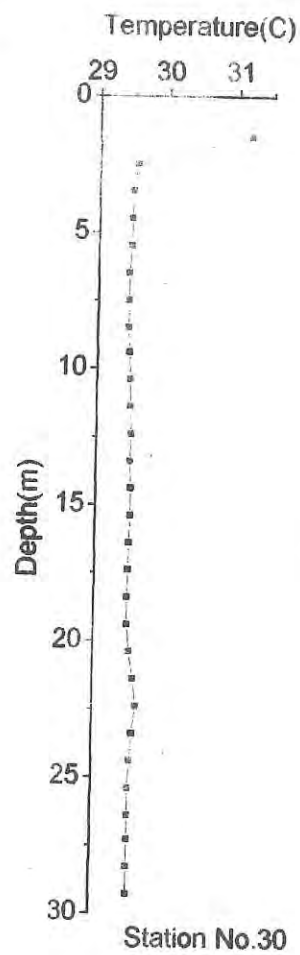
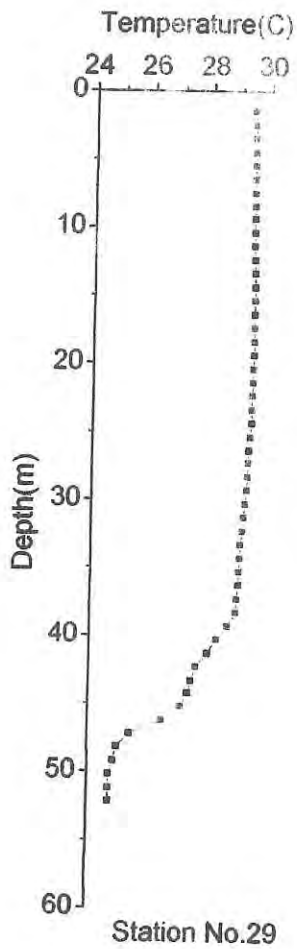
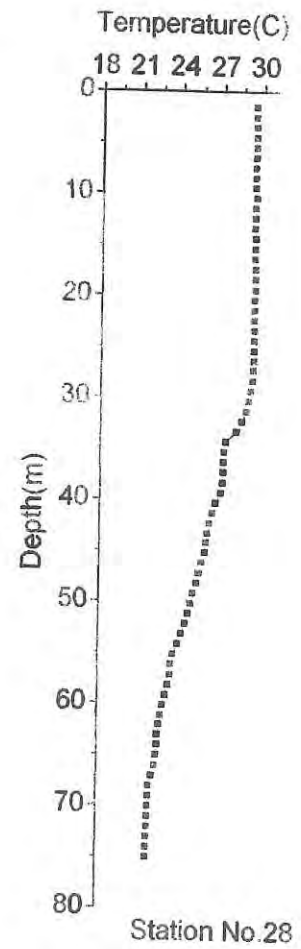
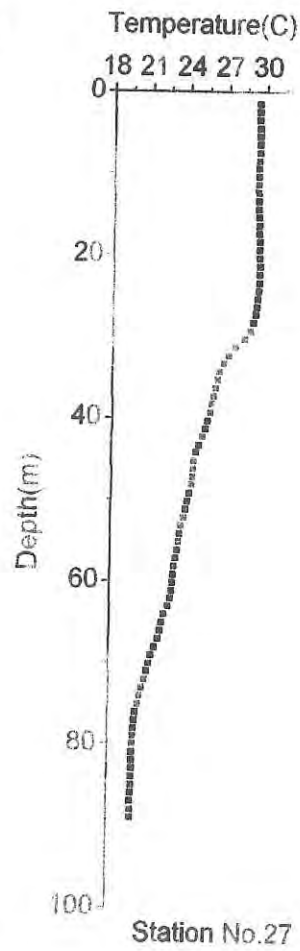
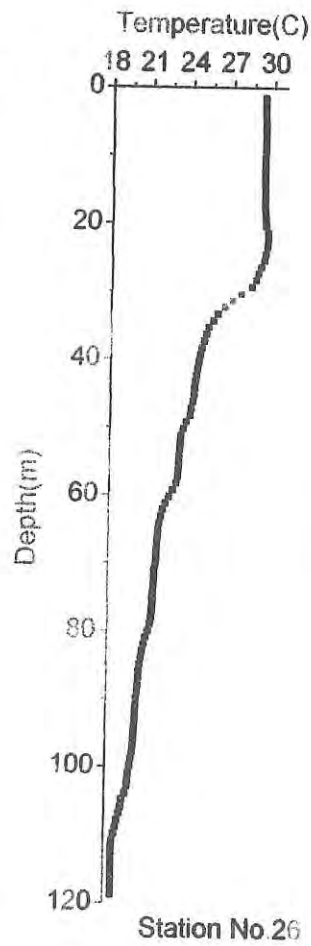
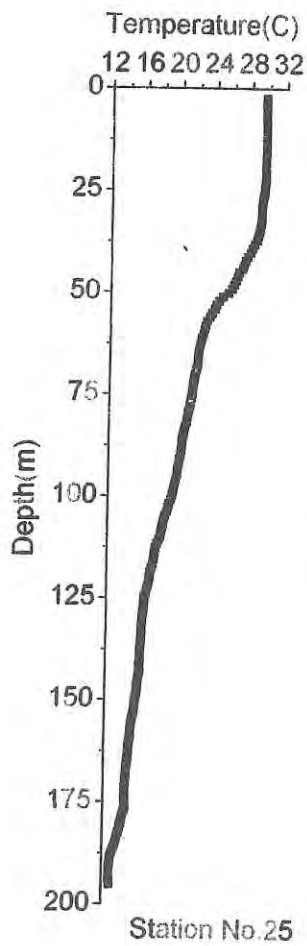
St. no	Date	Time	Latitude	Longitude	Depth(m)	Remarks
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71	31 Jul 96	14:00	06_15.50 N	114_31.70 E	1,892	
72	31 Jul 96	19:20	06_39.00 N	114_12.80 E	2,860	
73	31 Jul 96	0:33	07_20.00 N	113_52.40 E	1,832	
74	1 Aug 96	10:04	06_59.40 N	114_34.60 E	2,893	
75	1 Aug 96	15:05	06_35.70 N	114_54.50 E	1,782	
76	1 Aug 96	20:00	06_13.70 N	115_14.60 E	109	
77	2 Aug 96	6:30	06_33.60 N	115_37.00 E	96.5	
78	2 Aug 96	11:04	06_55.70 N	115_16.50 E	1,515	
79	2 Aug 96	16:57	06_52.20 N	116_00.10 E	41.4	

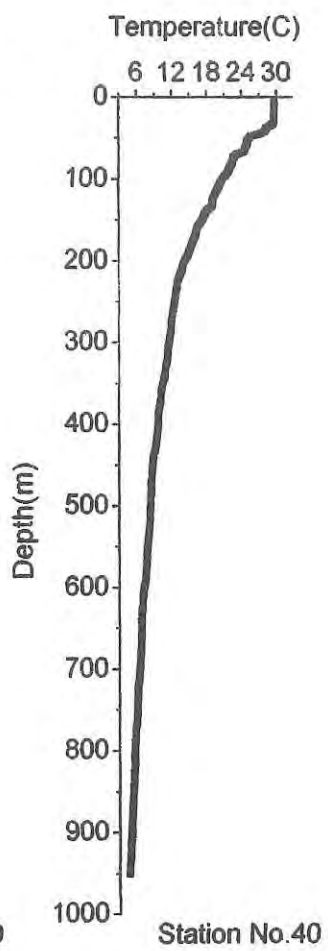
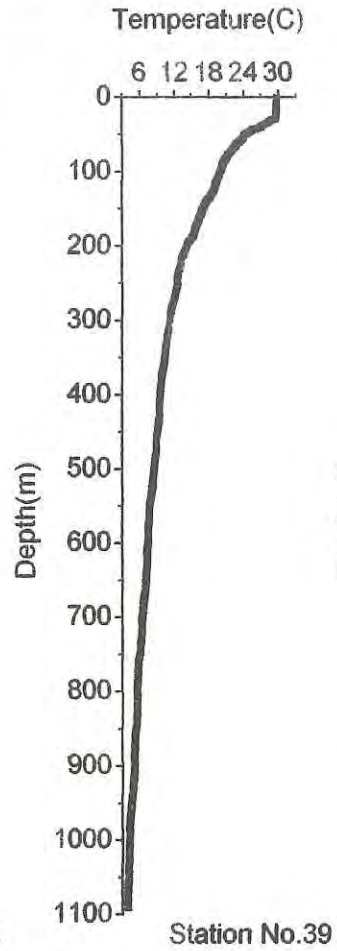
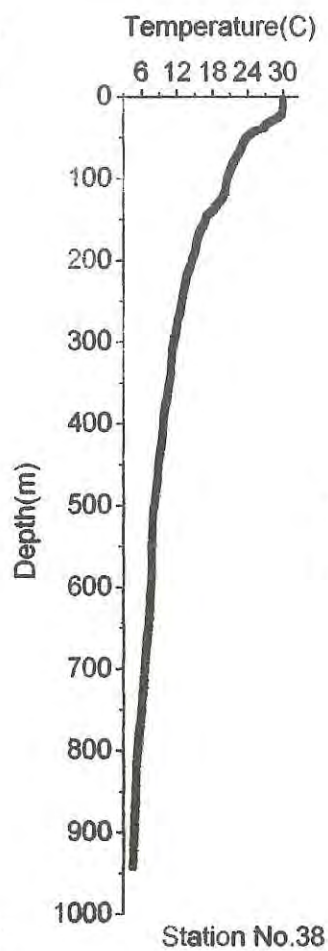
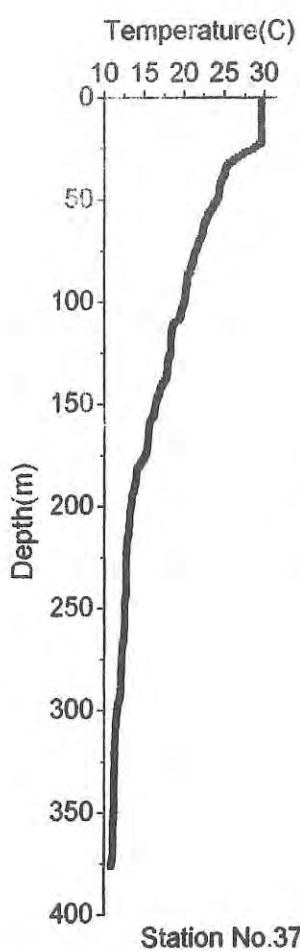
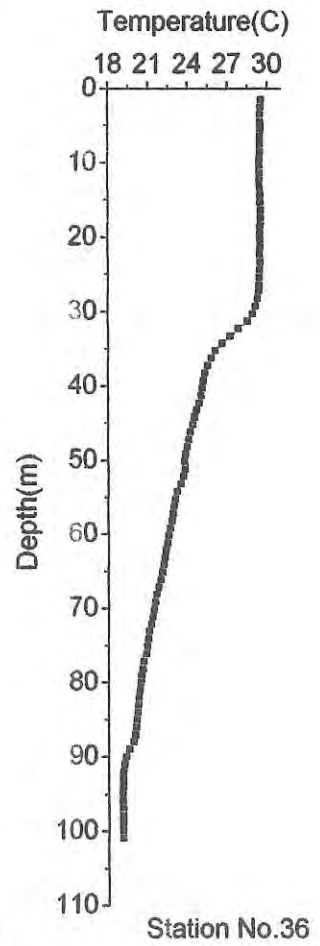
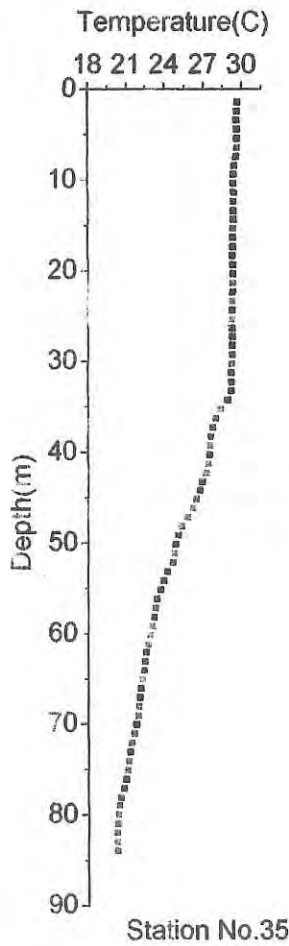
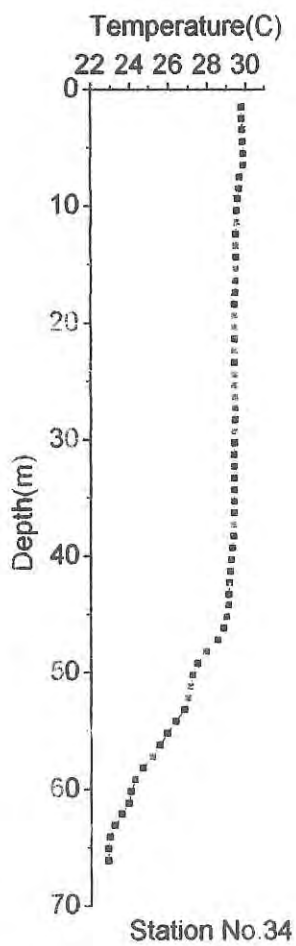
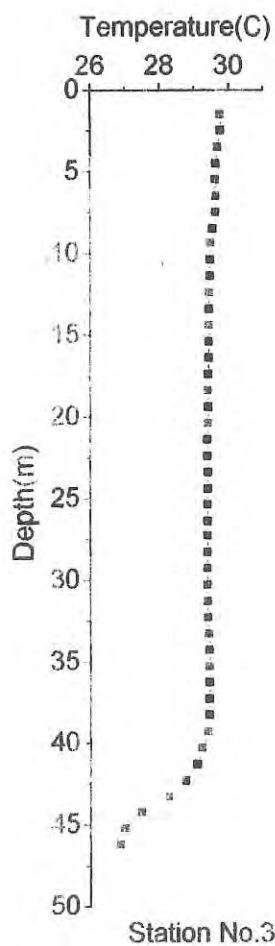
Profile of Temperature

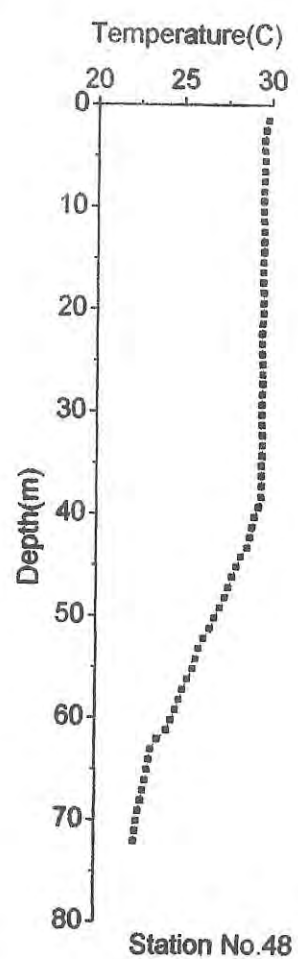
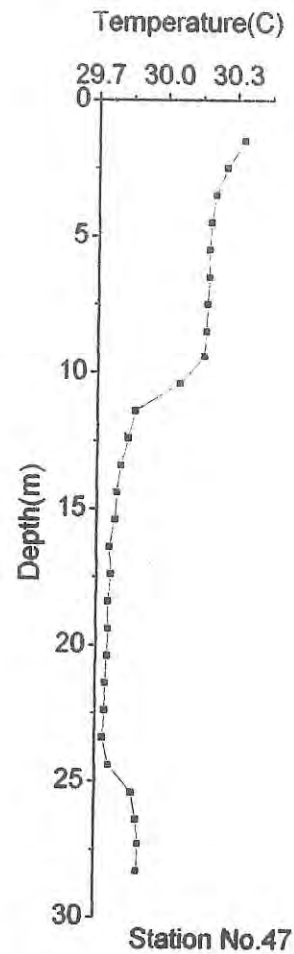
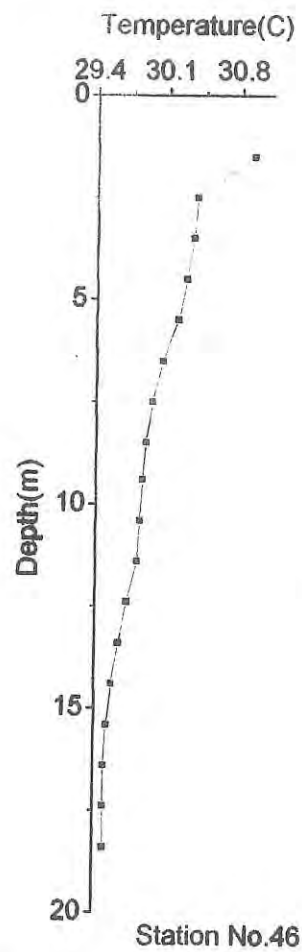
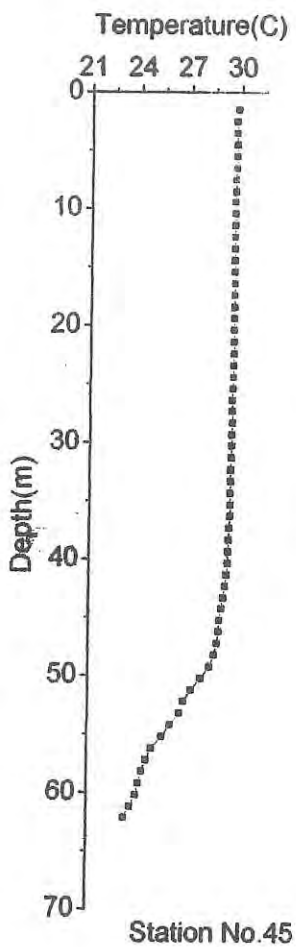
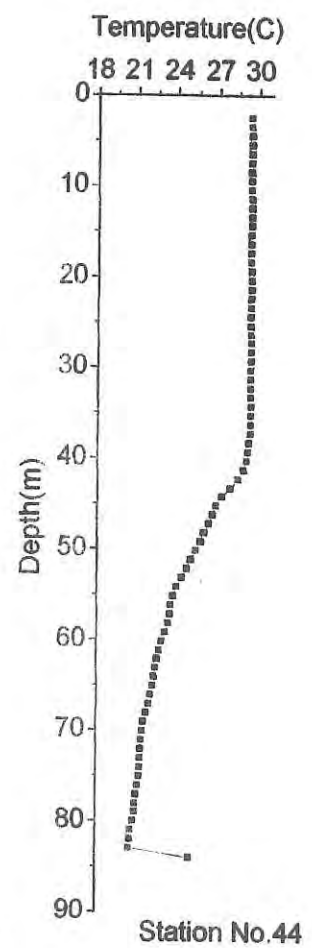
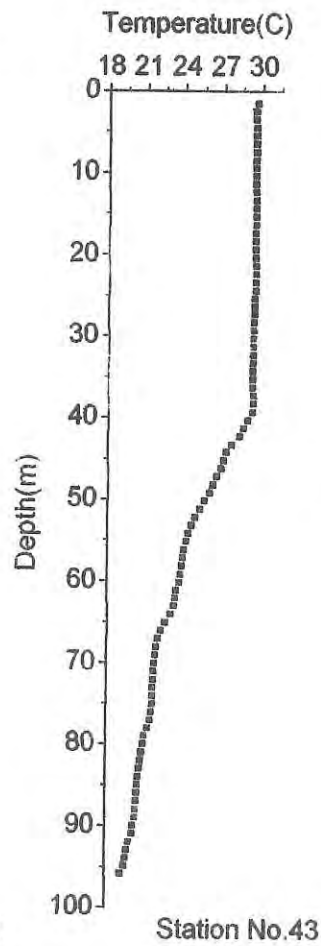
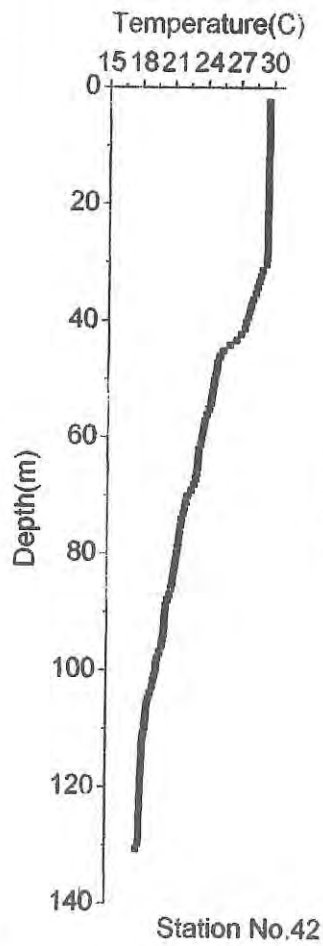
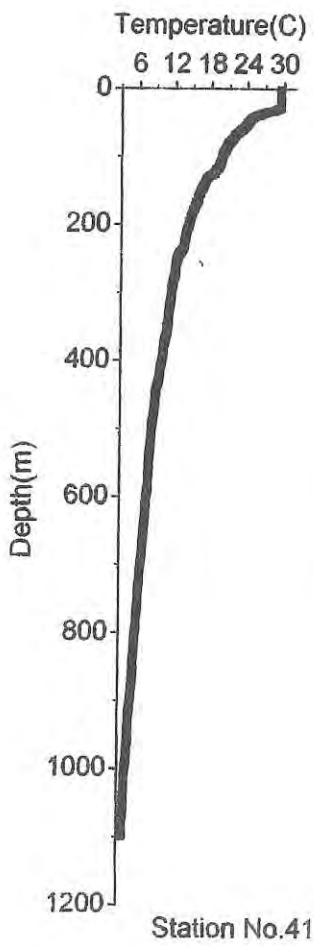


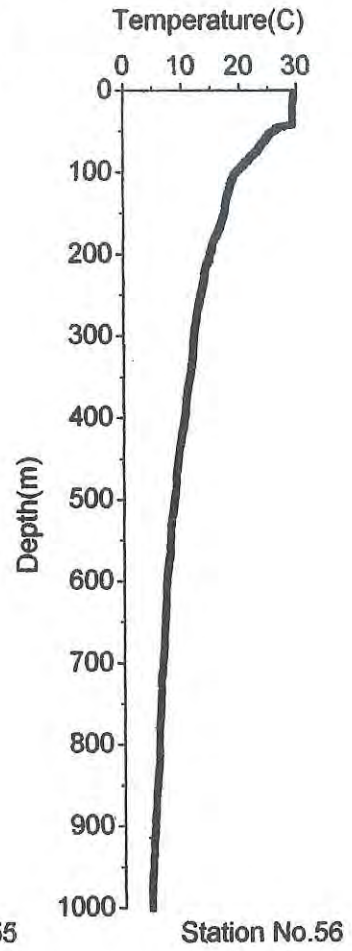
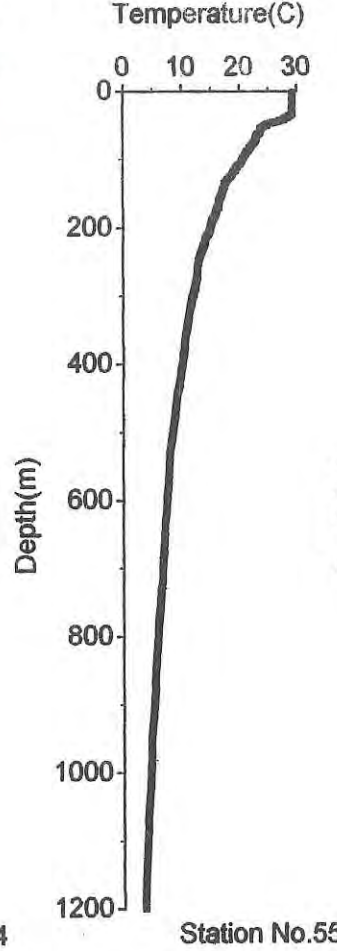
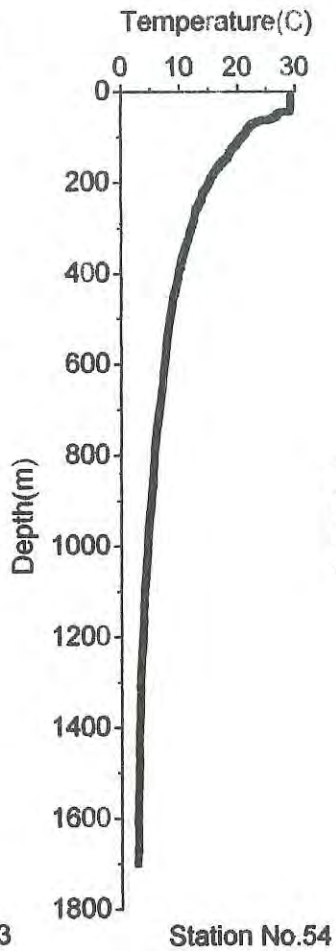
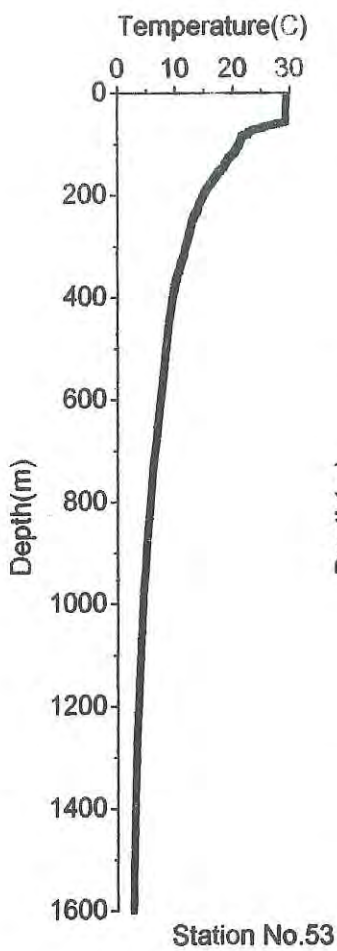
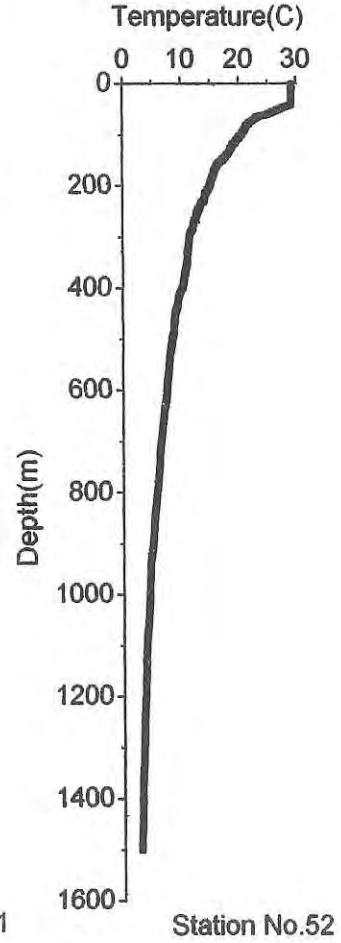
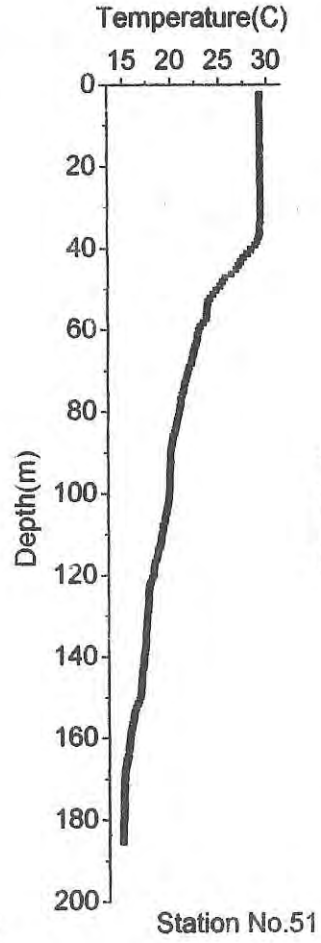
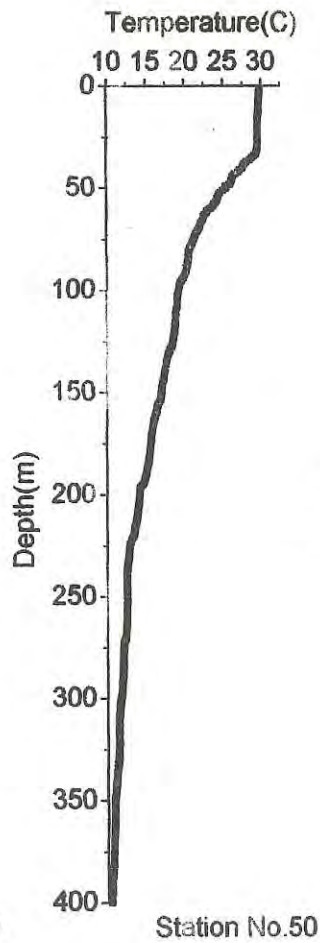
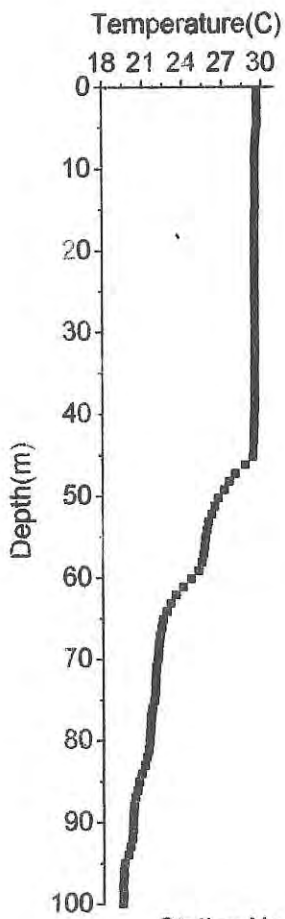


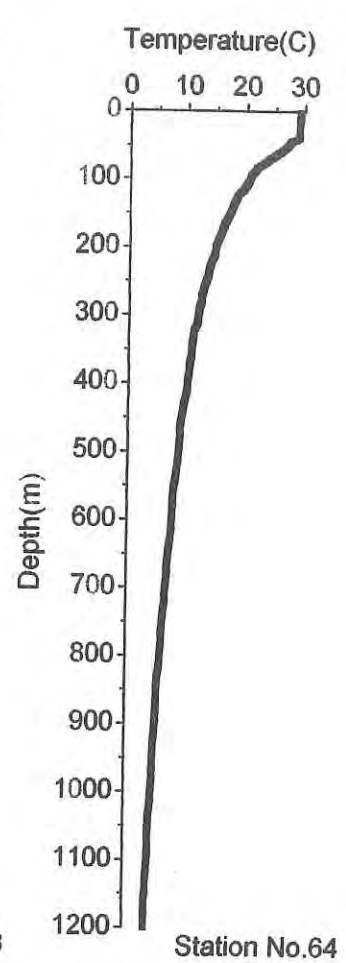
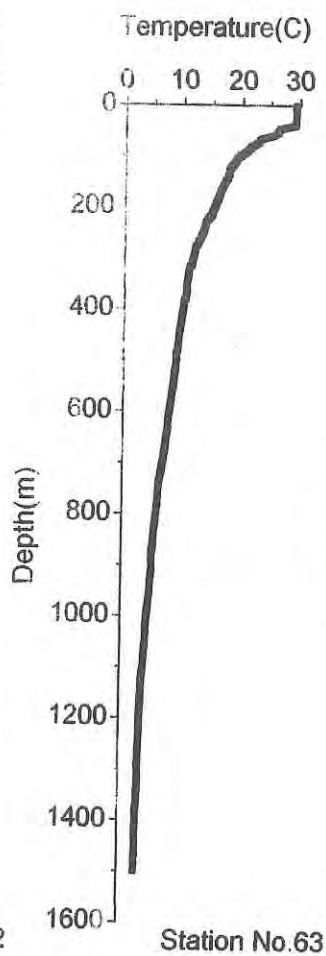
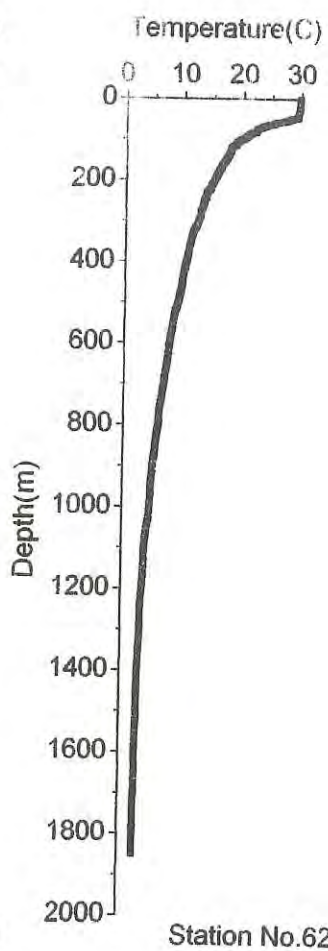
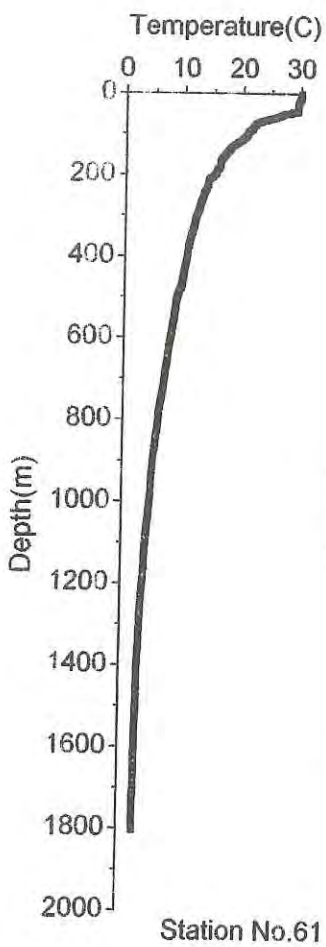
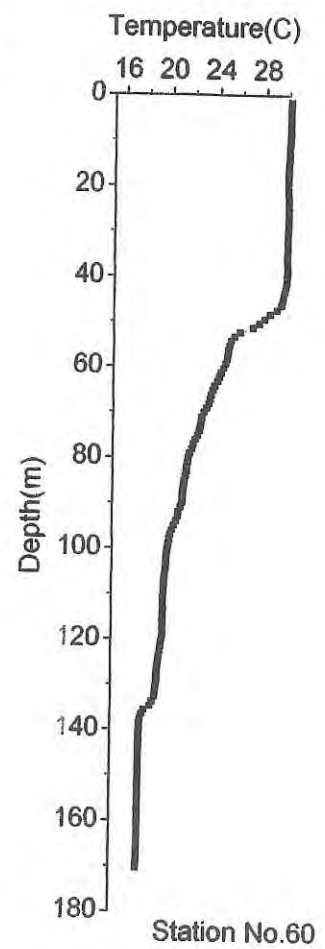
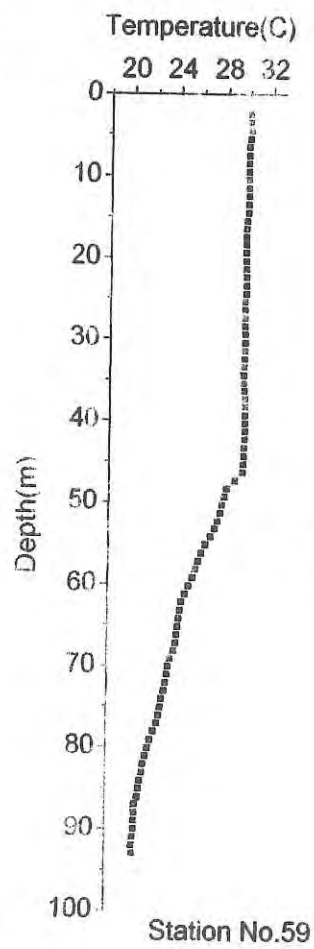
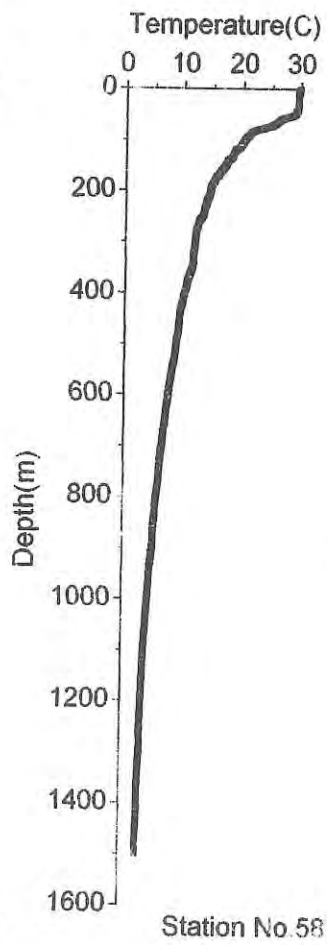
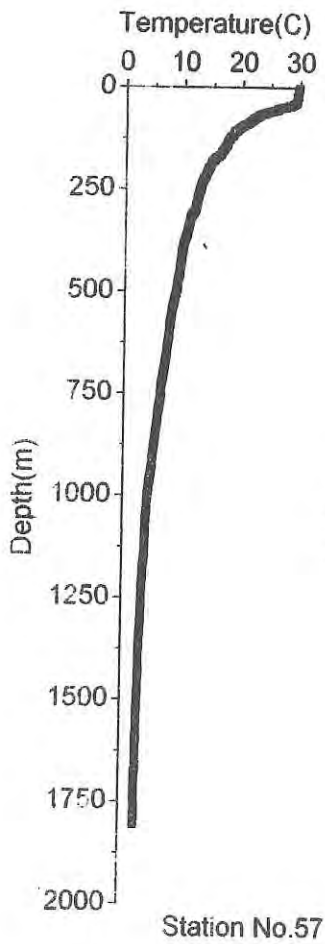


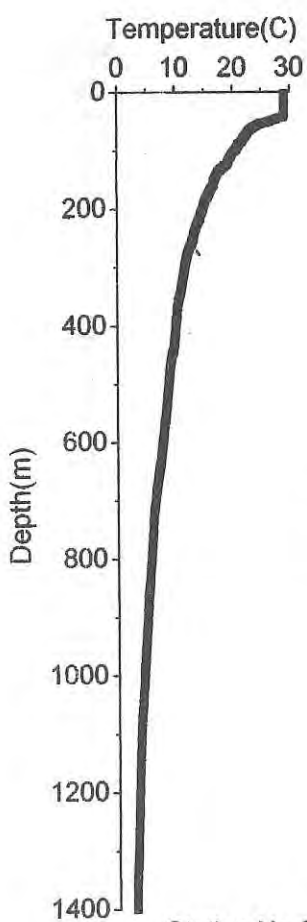




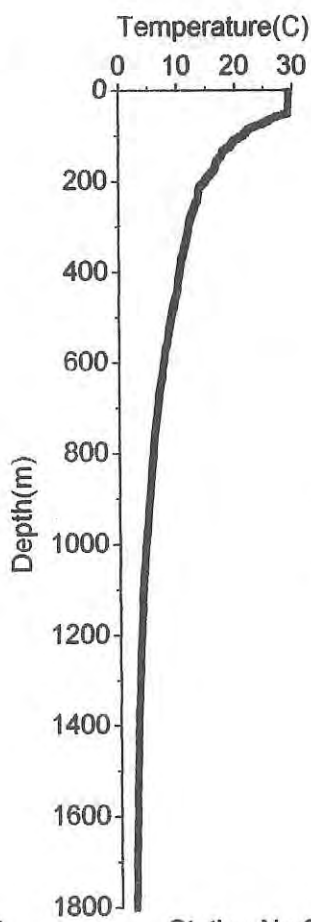




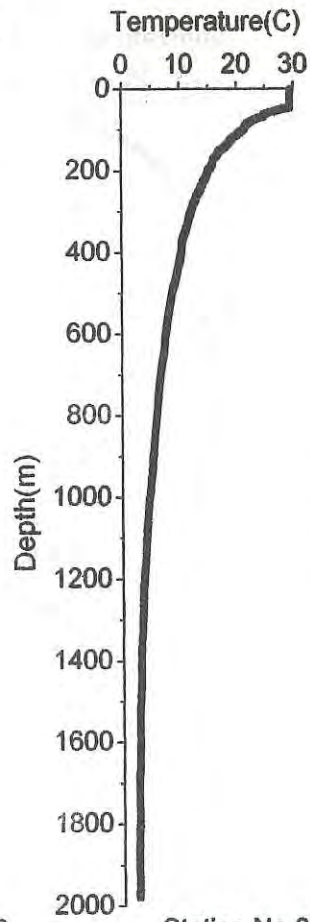




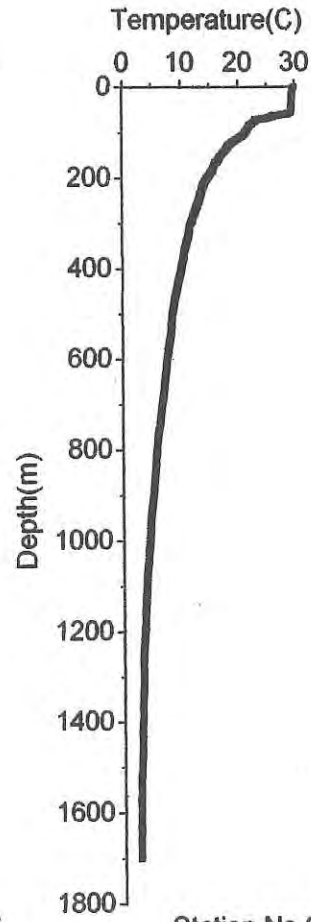
Station No.65



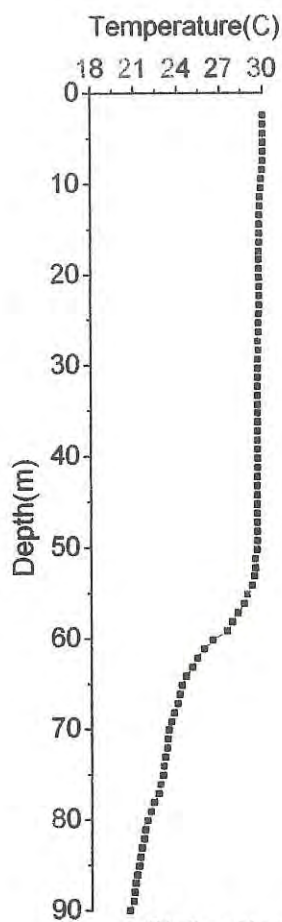
Station No.66



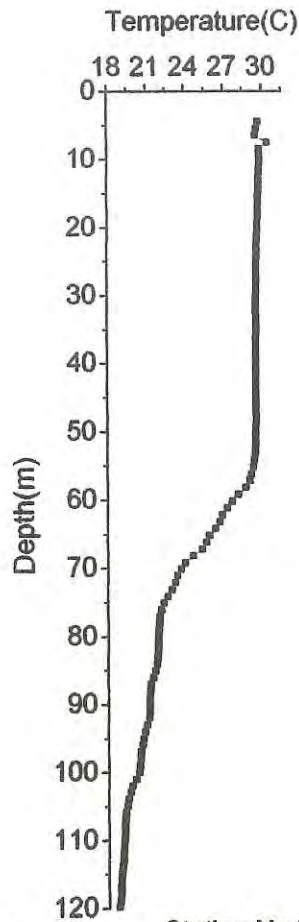
Station No.67



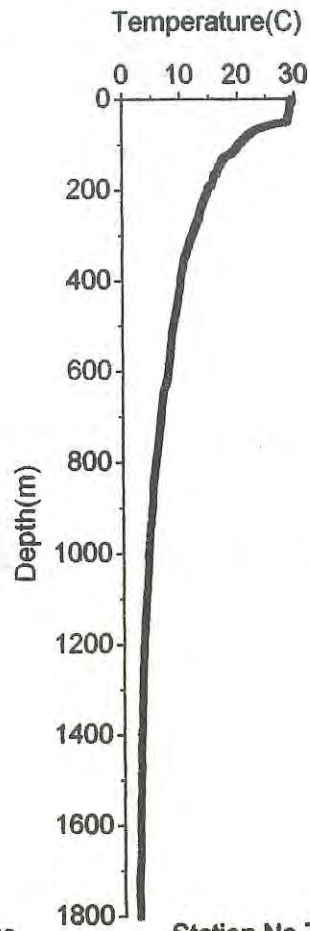
Station No.68



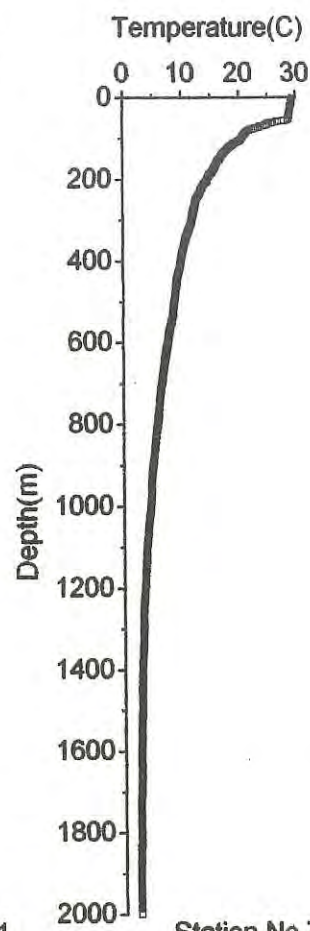
Station No.69



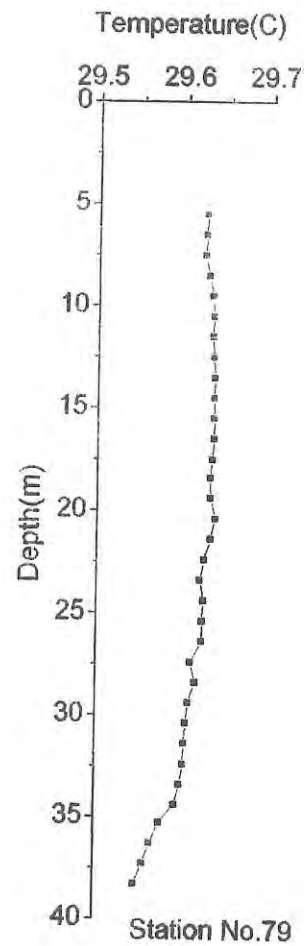
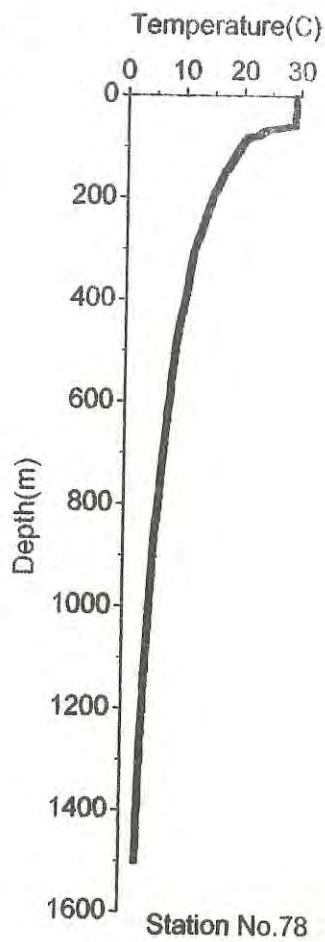
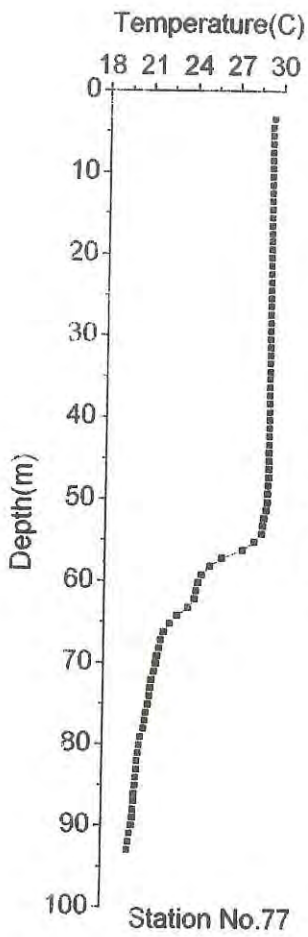
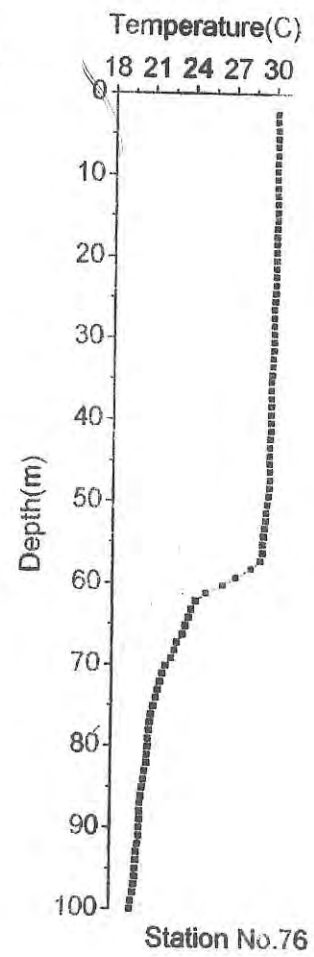
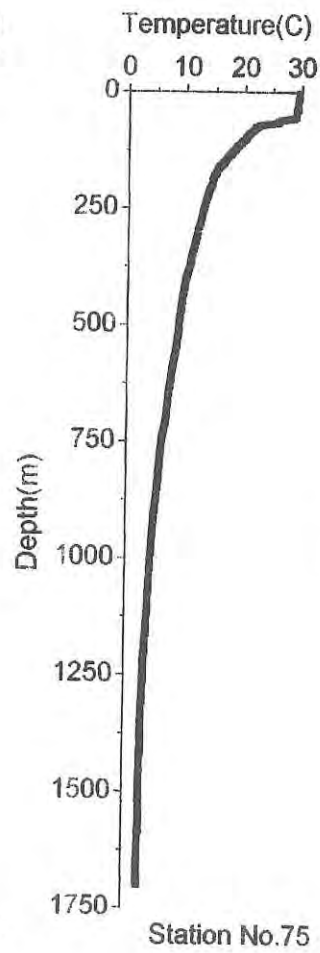
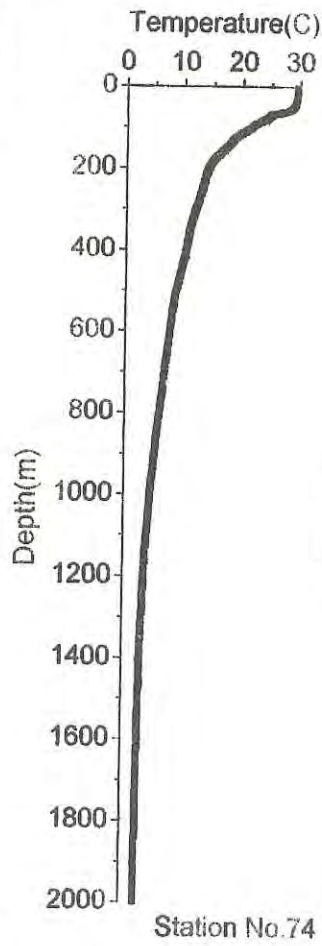
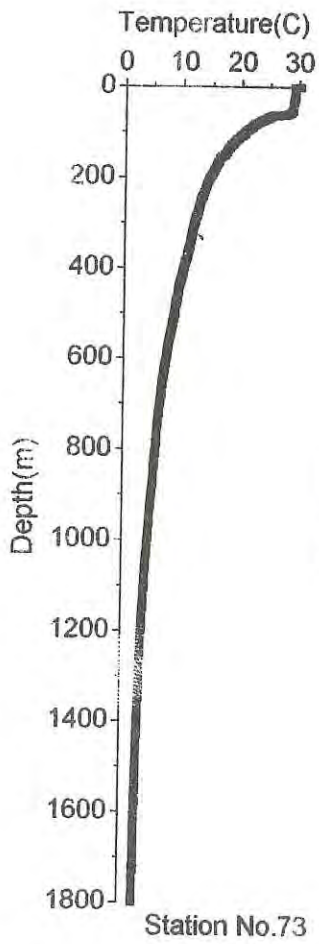
Station No.70



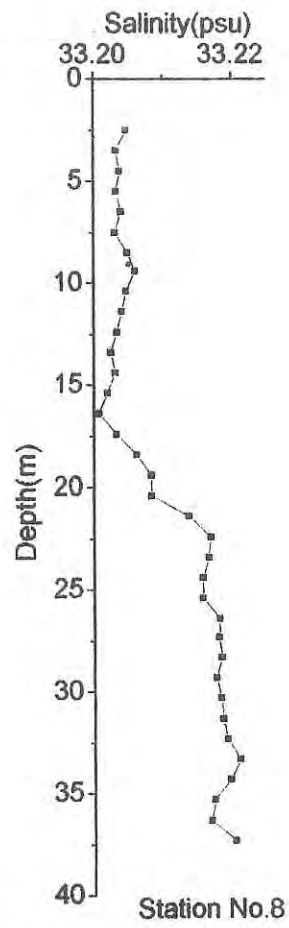
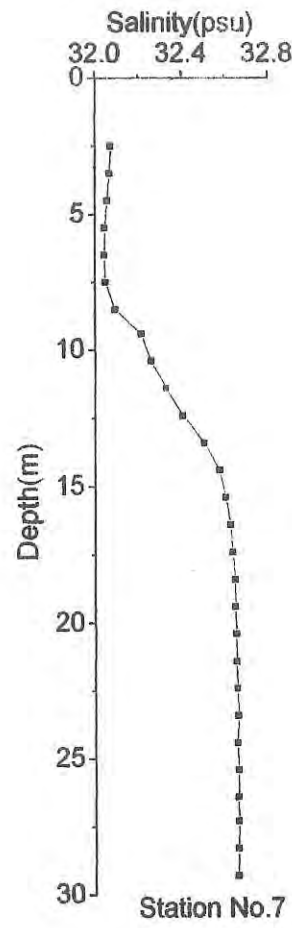
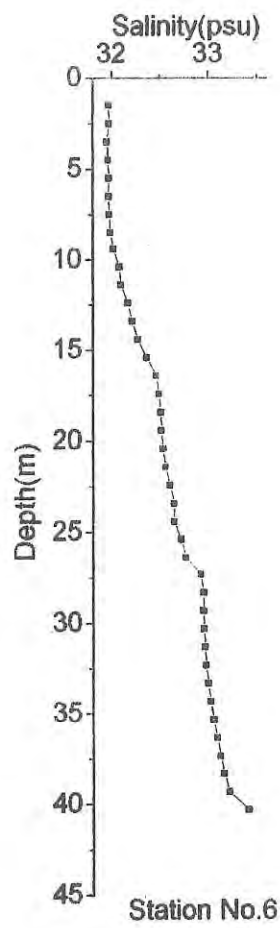
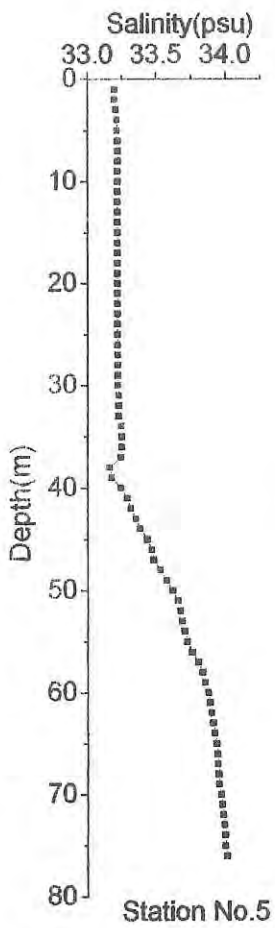
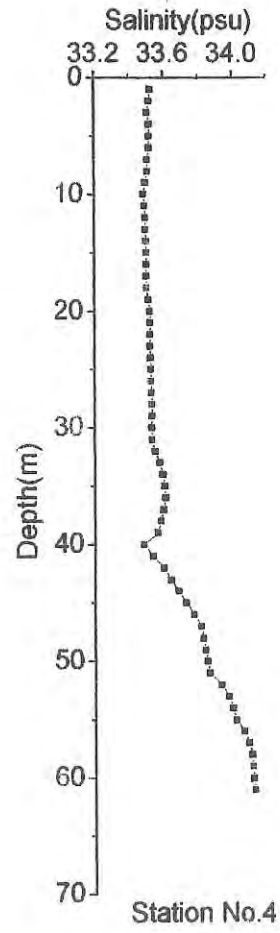
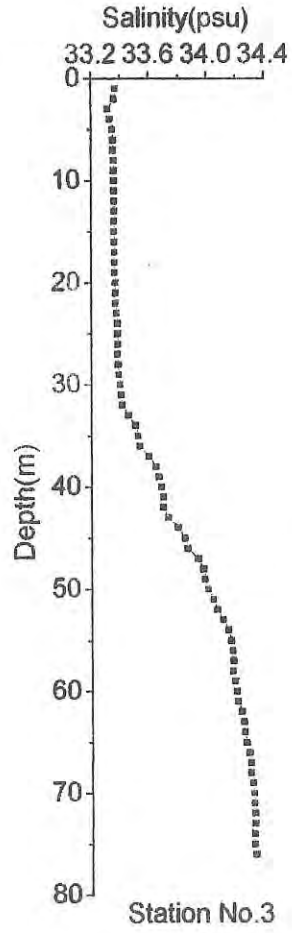
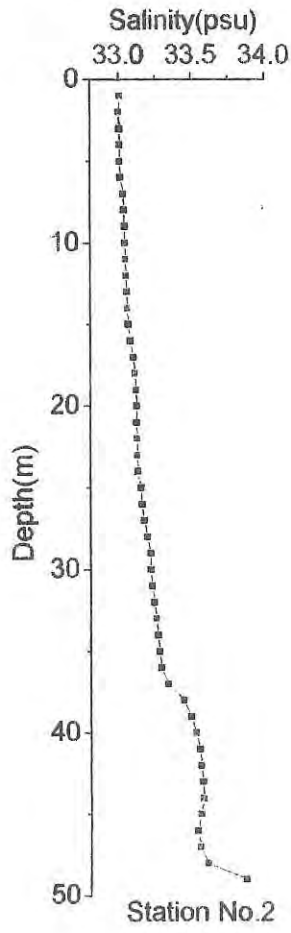
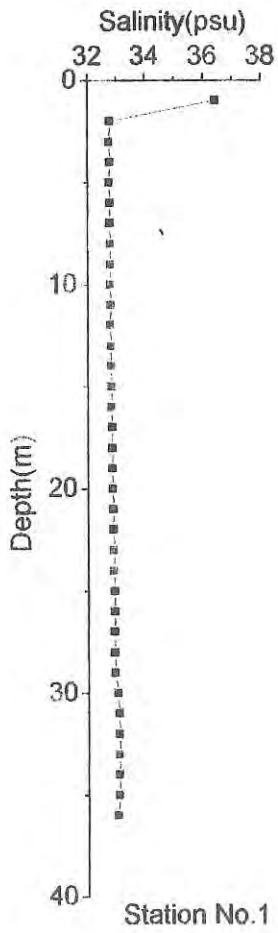
Station No.71

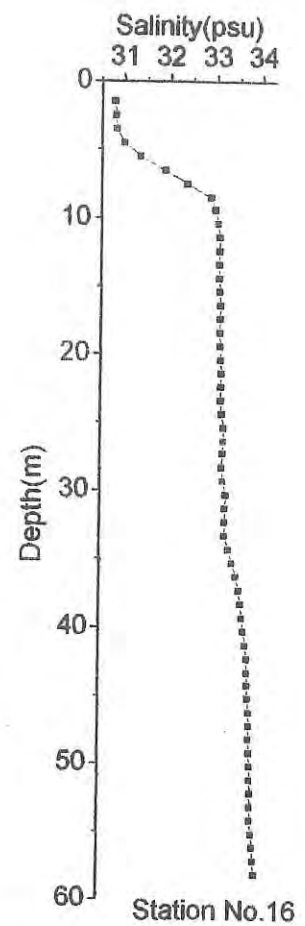
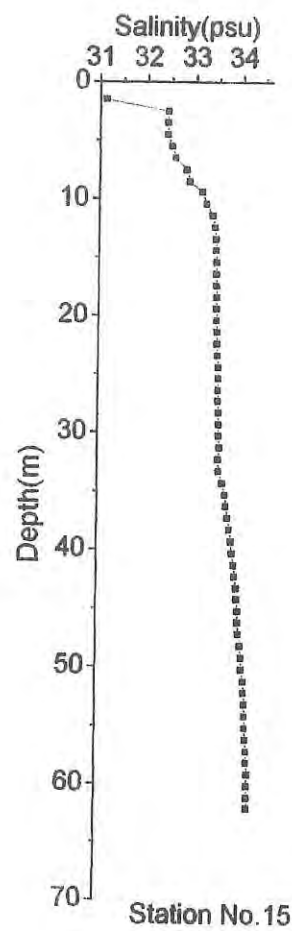
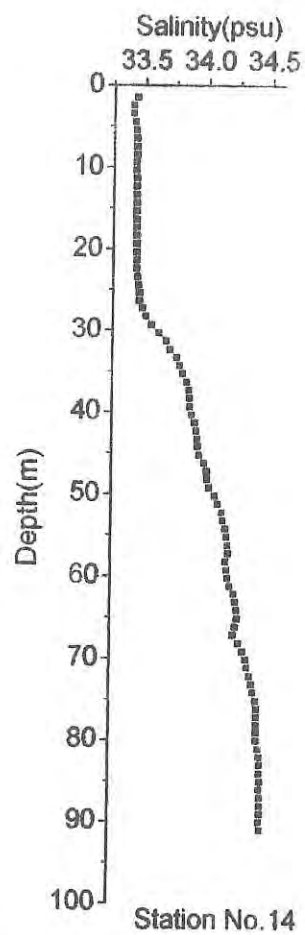
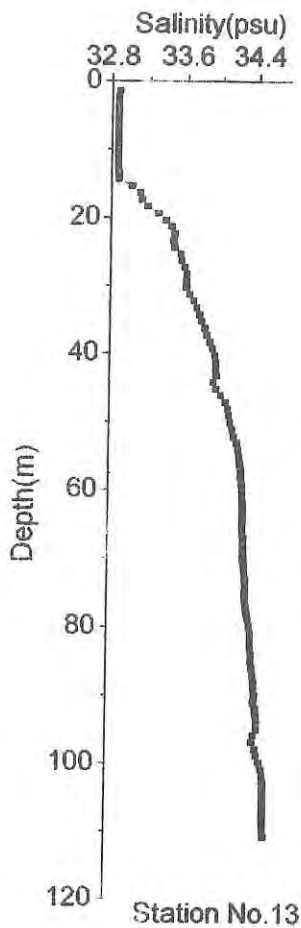
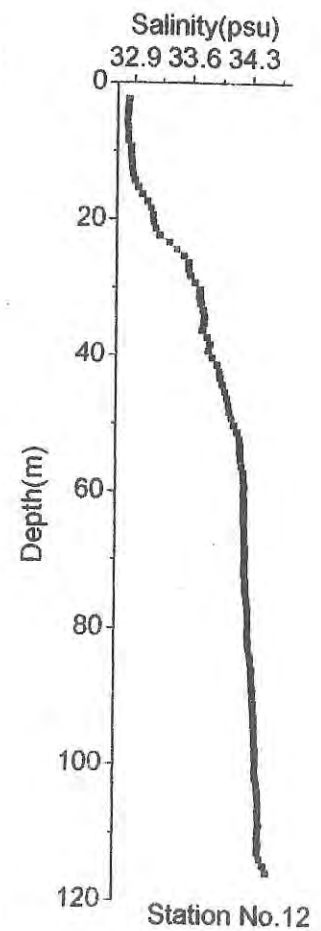
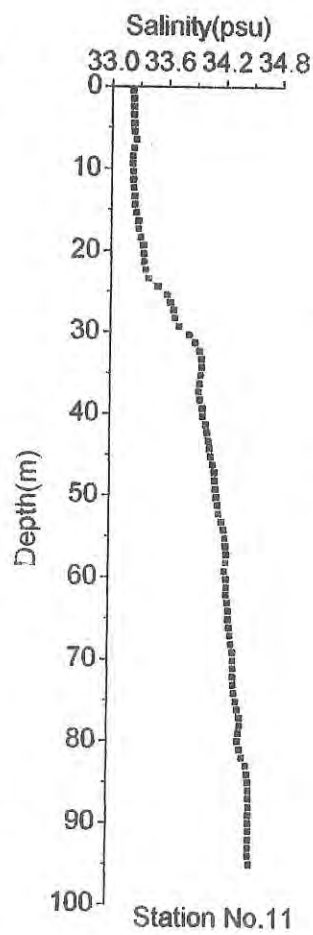
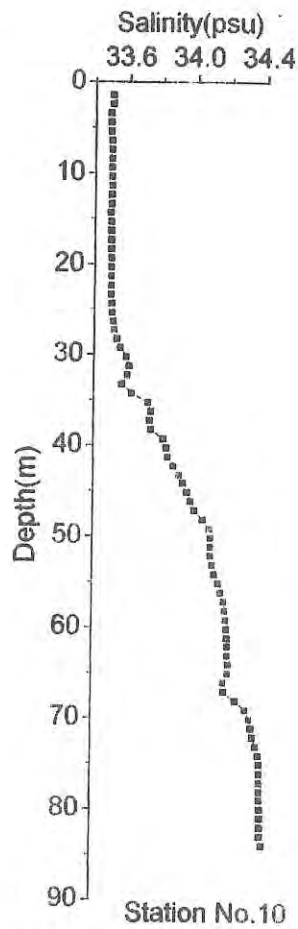
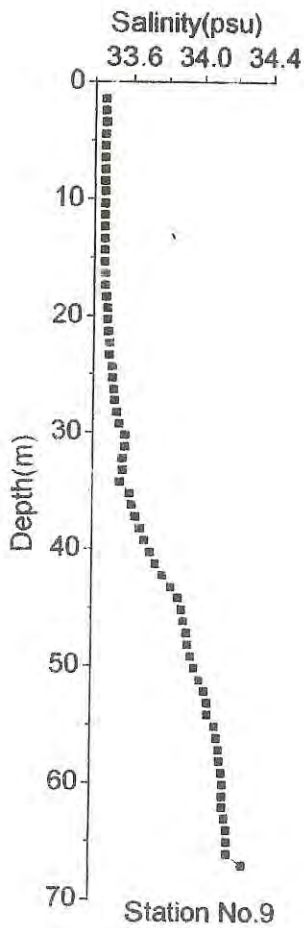


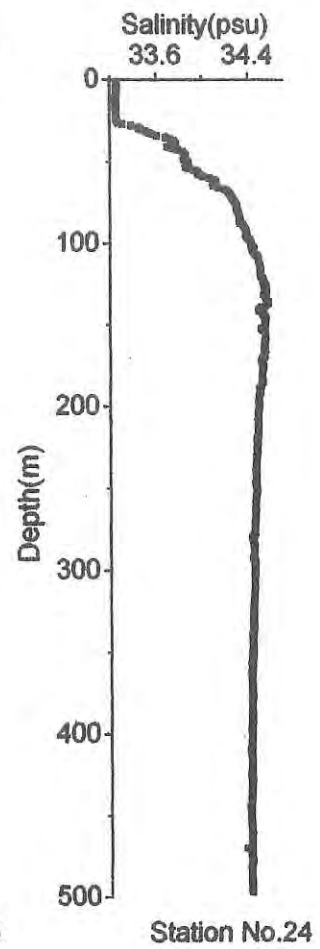
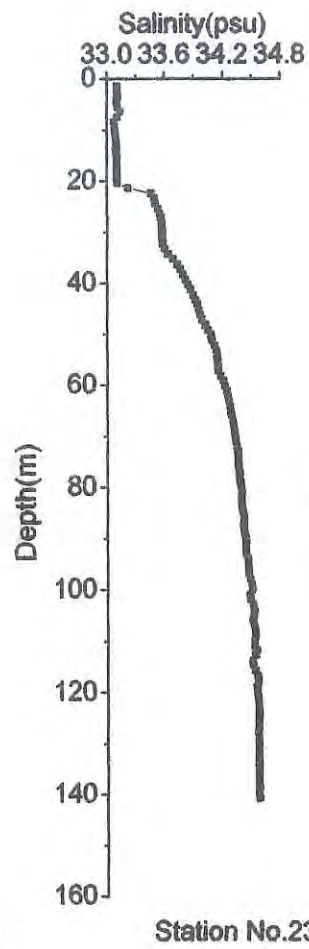
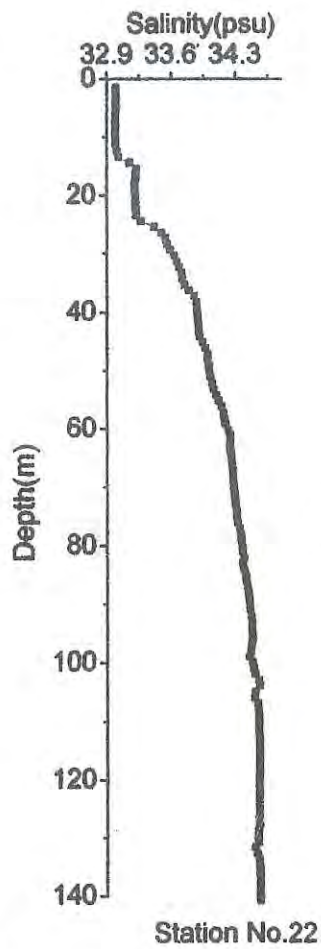
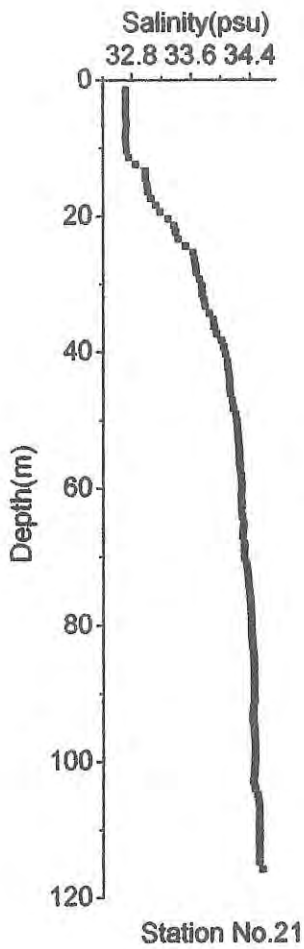
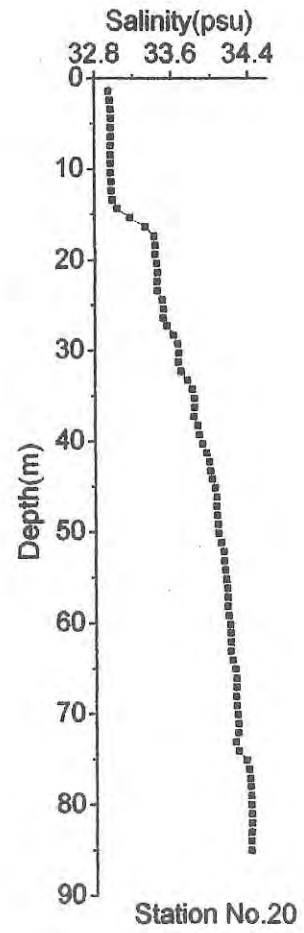
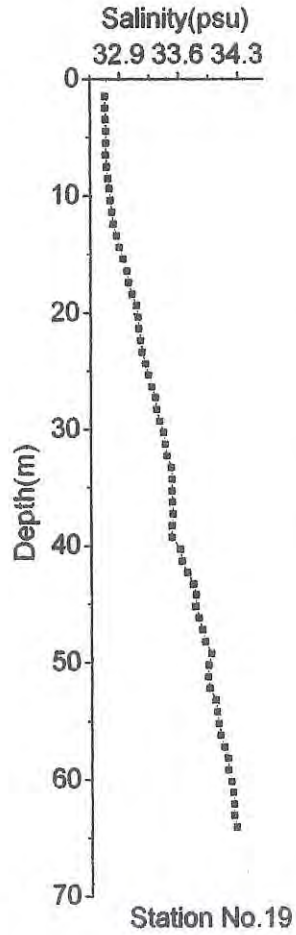
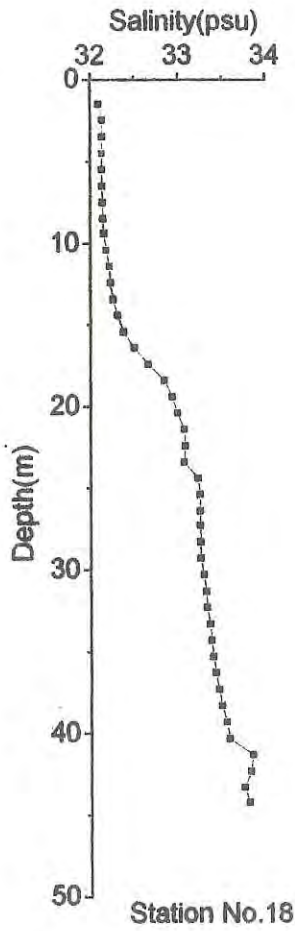
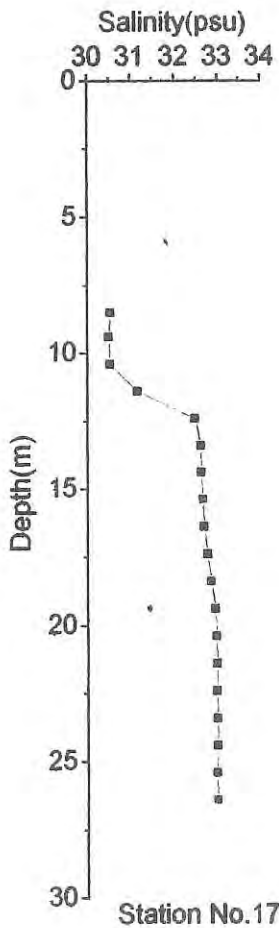
Station No.72

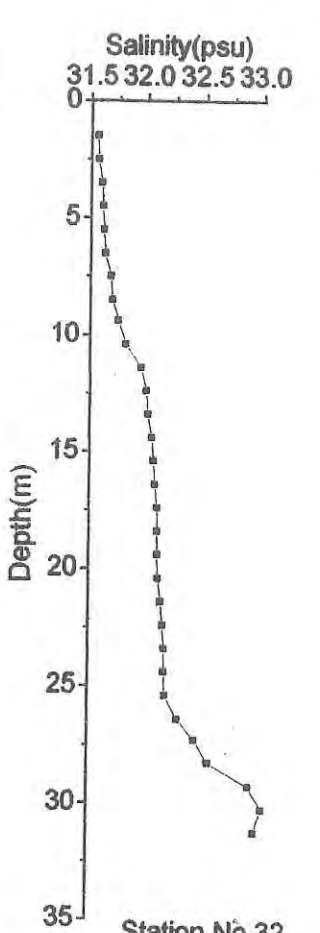
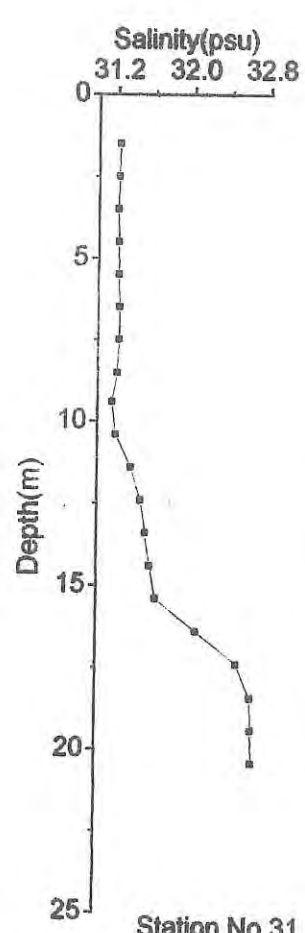
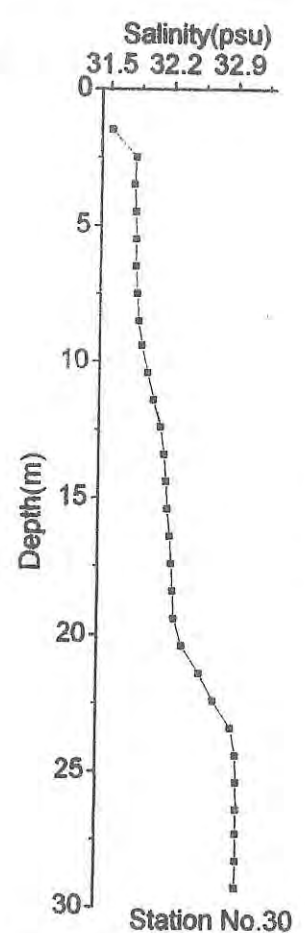
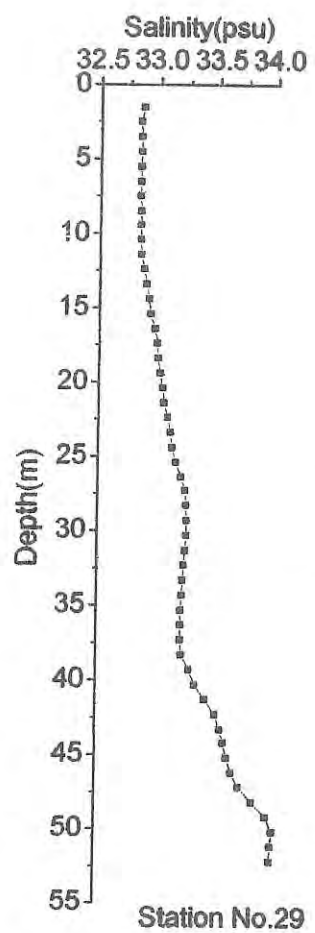
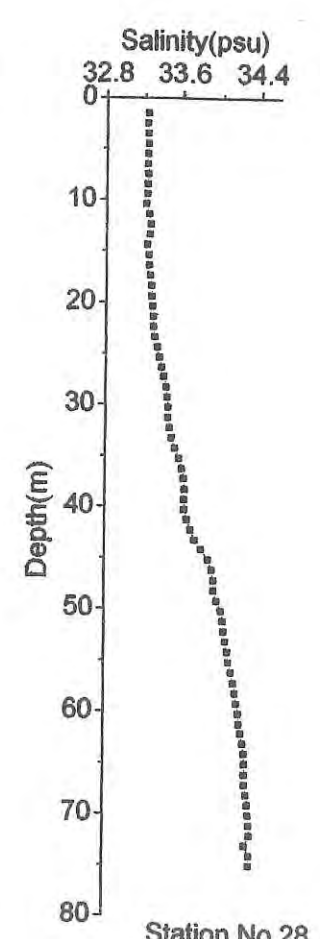
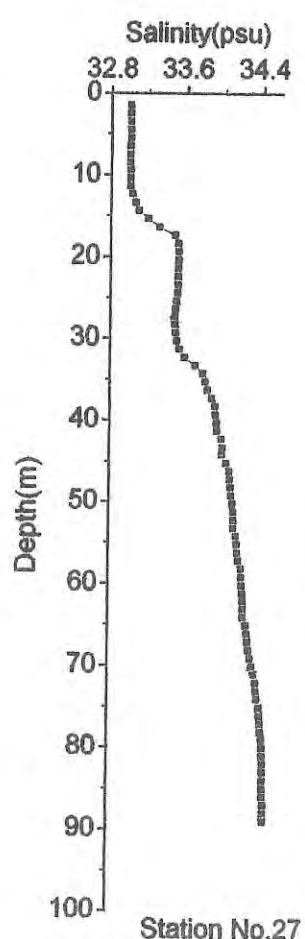
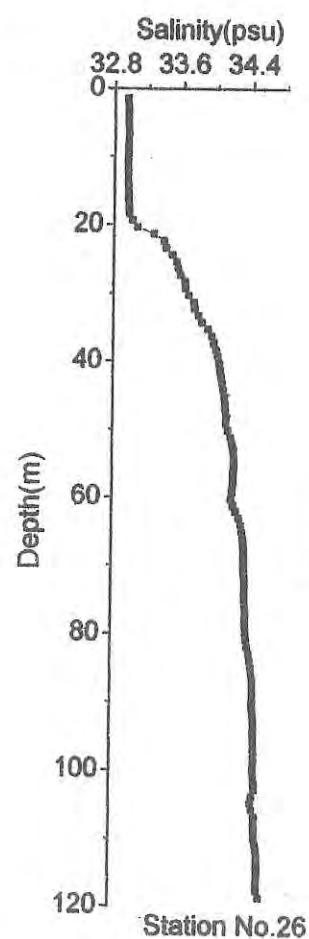
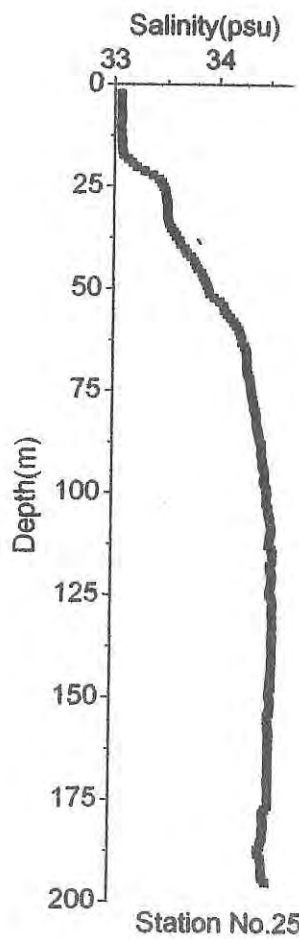


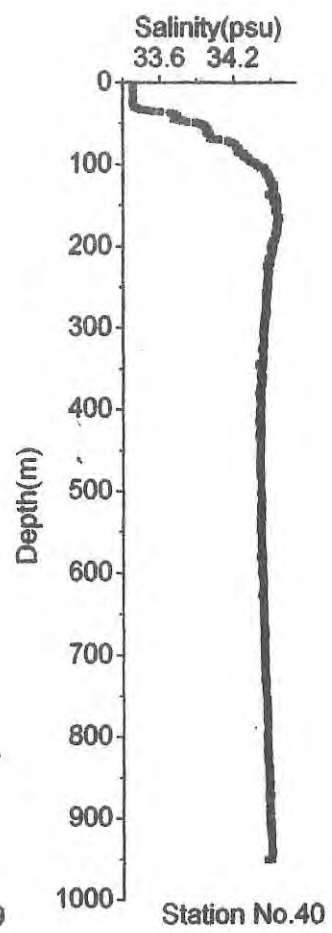
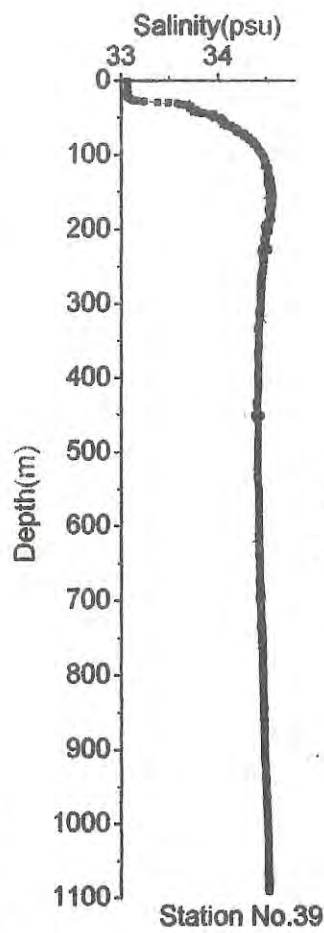
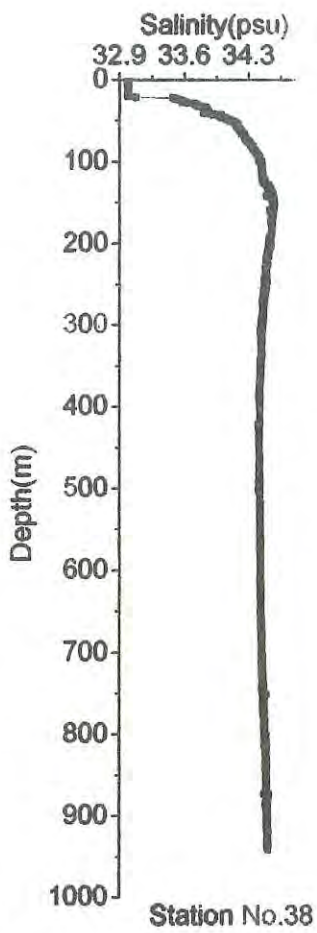
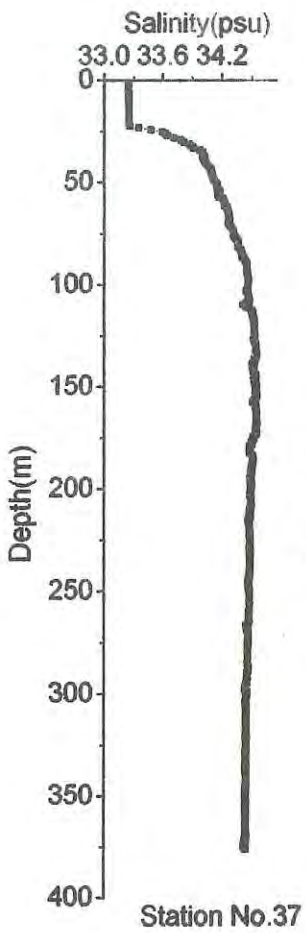
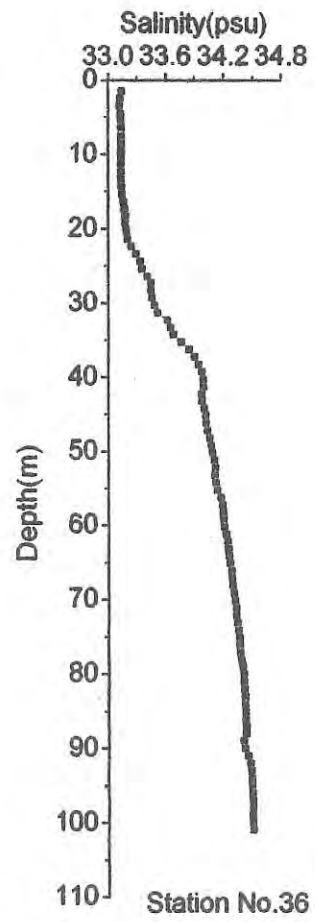
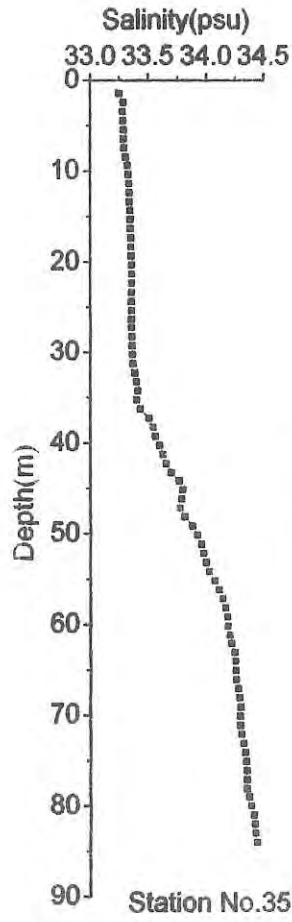
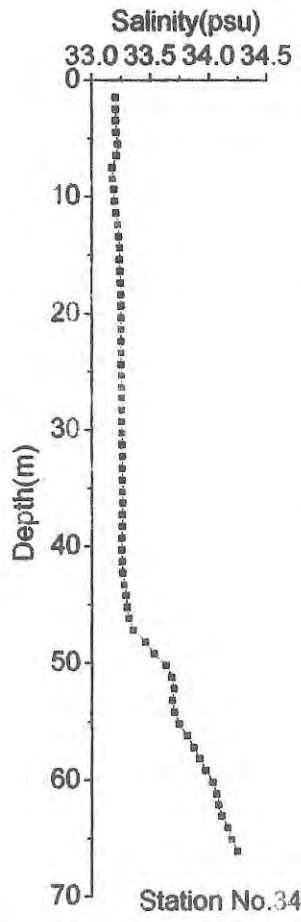
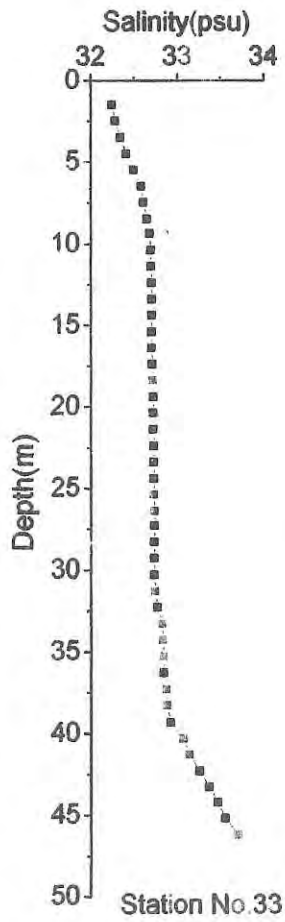
Profile of Salinity

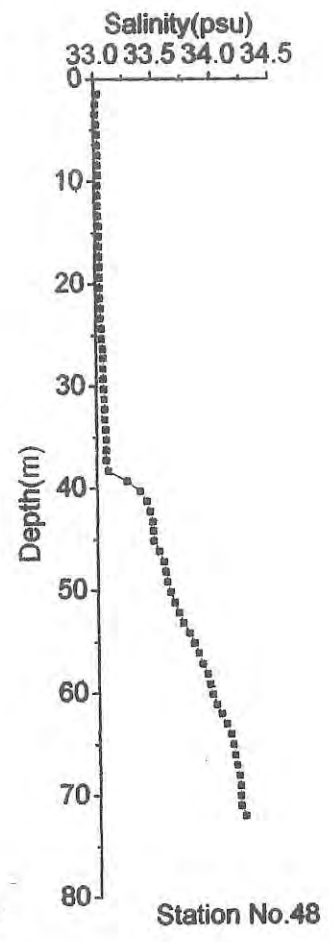
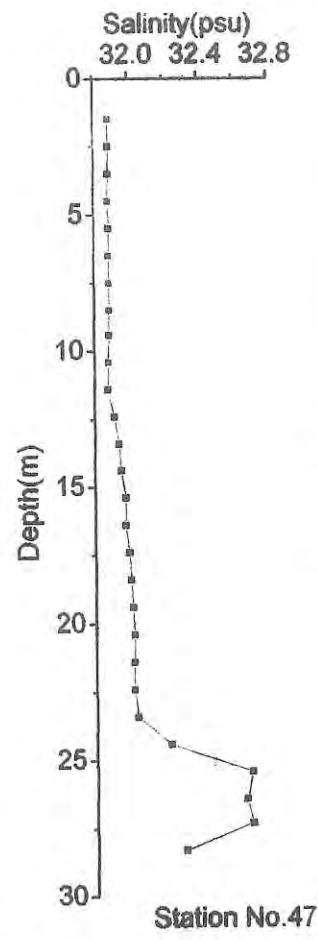
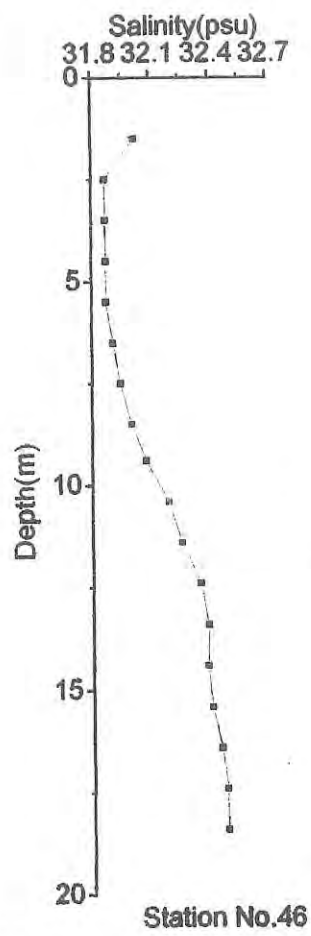
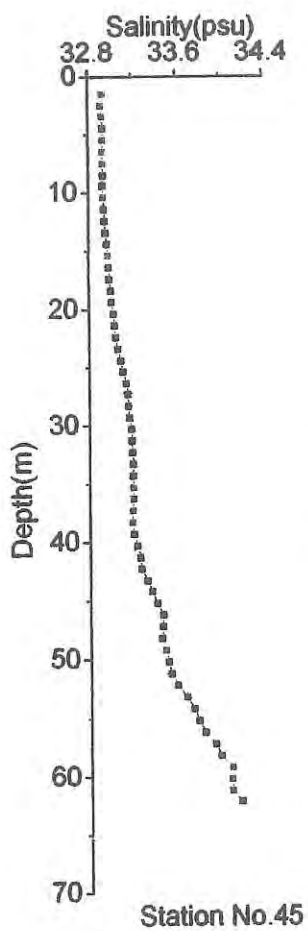
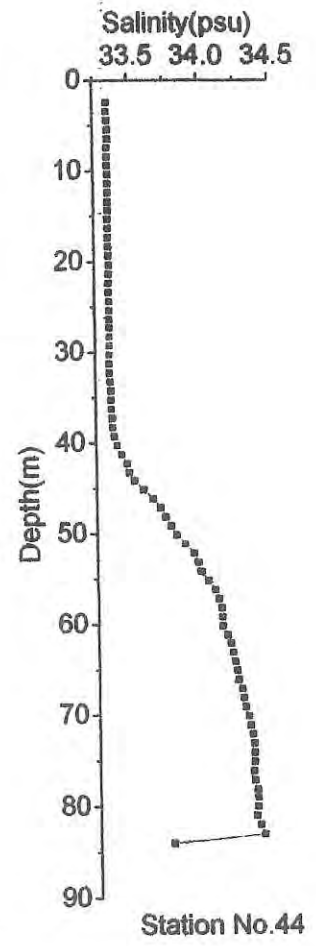
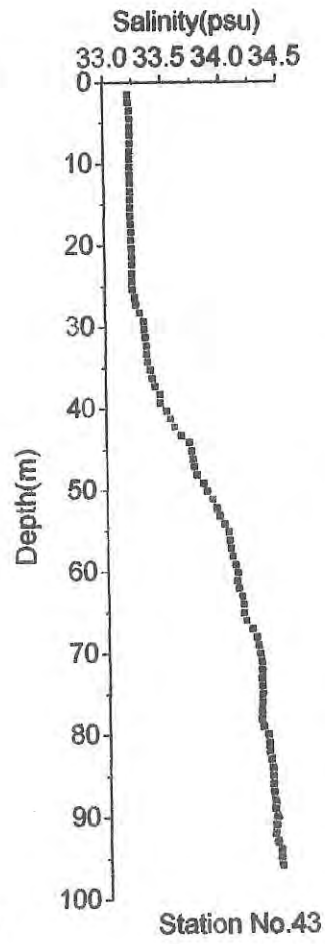
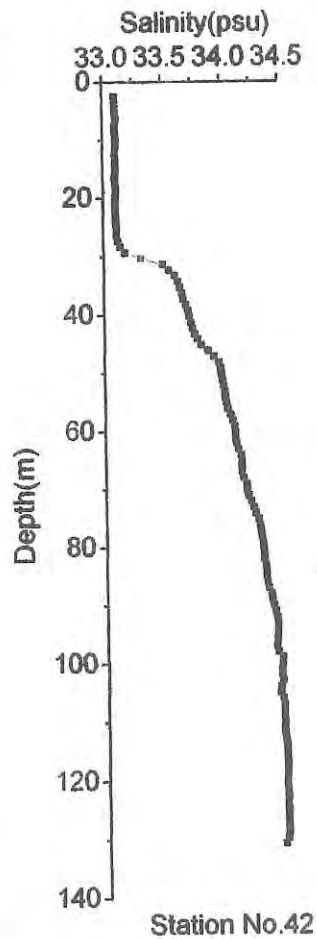
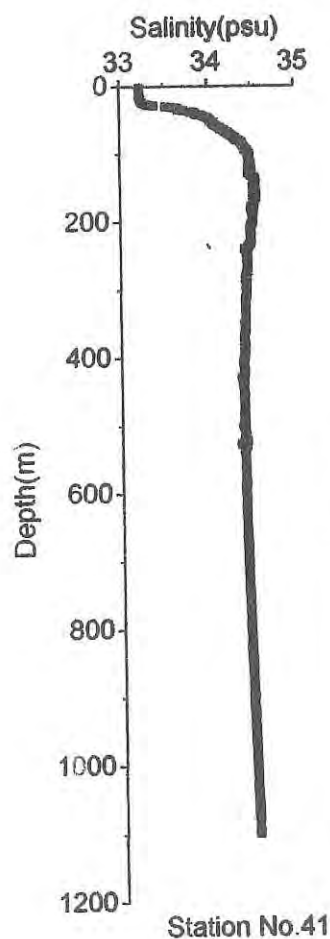


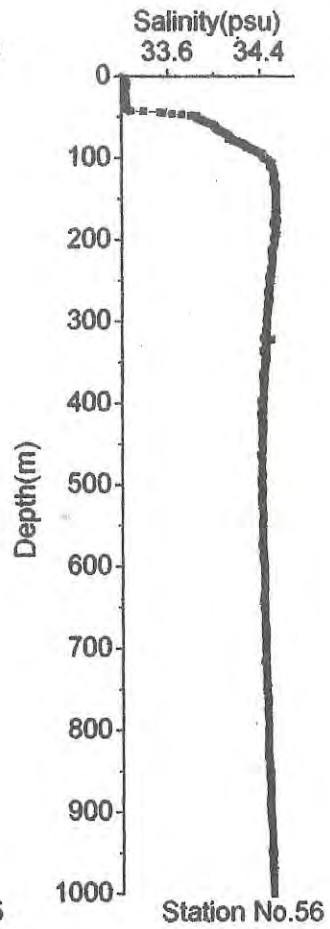
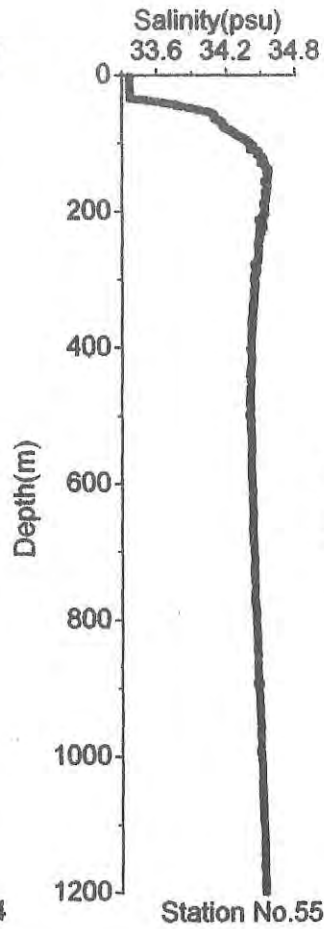
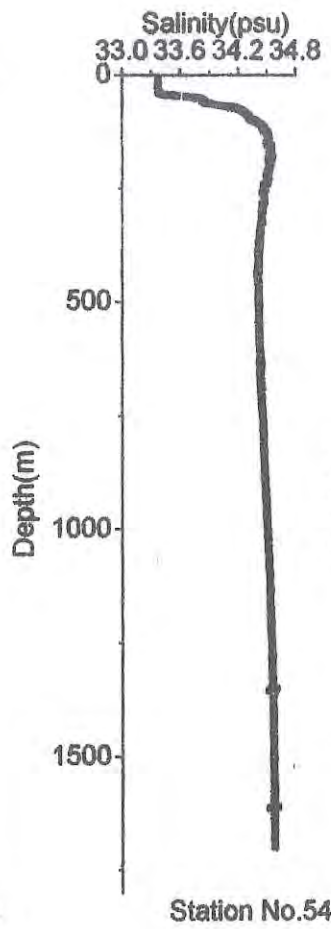
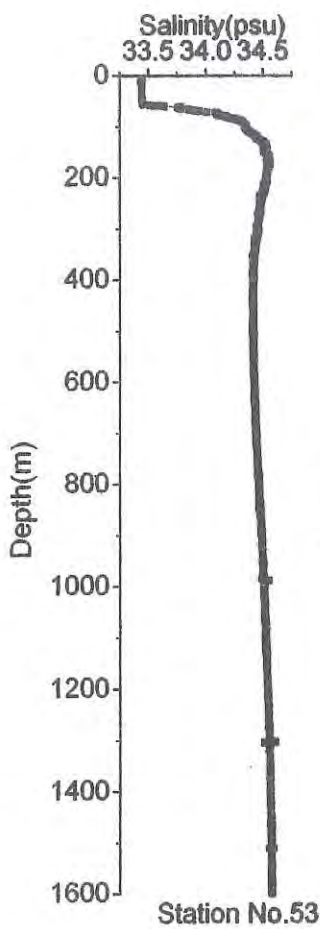
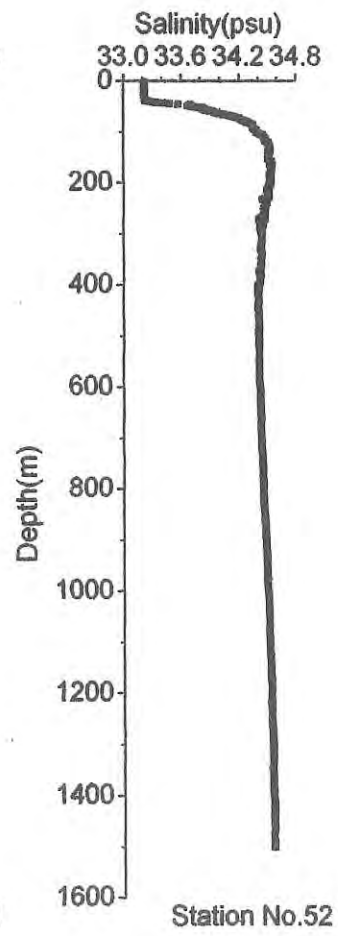
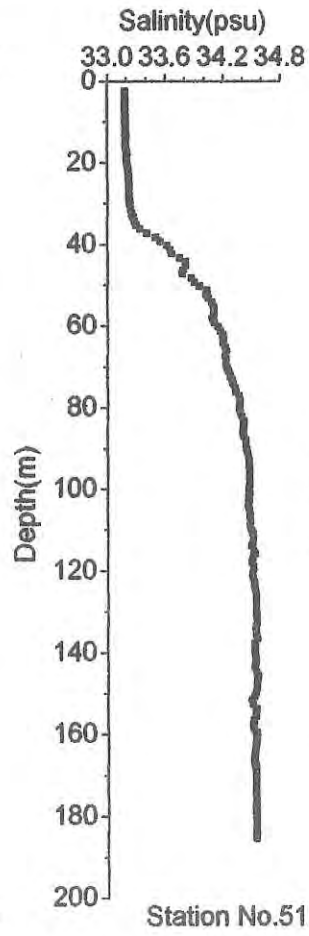
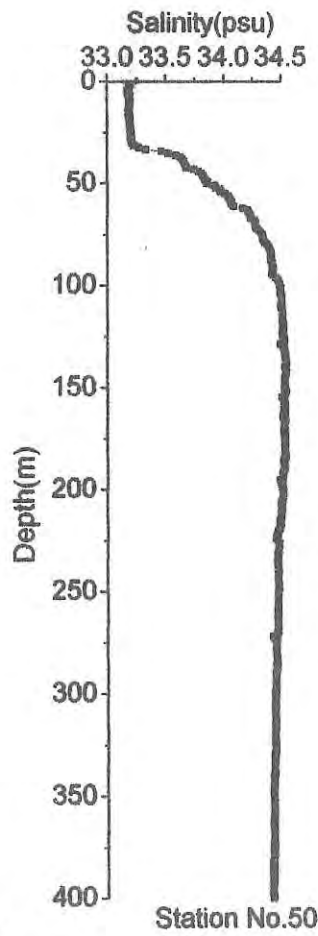
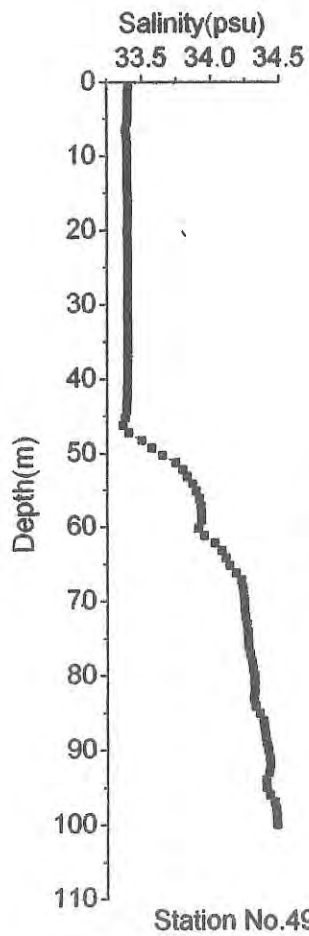


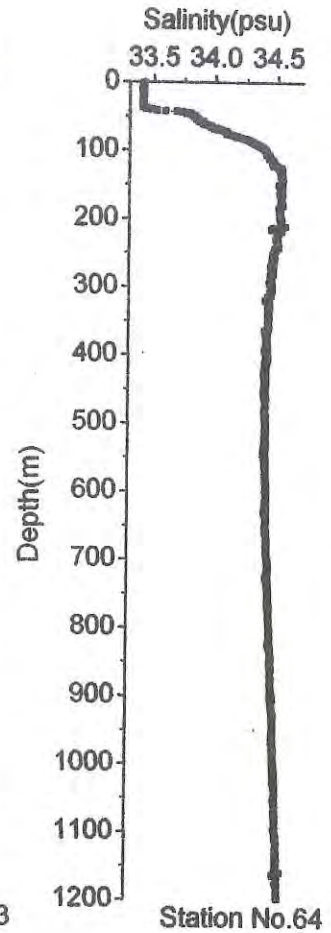
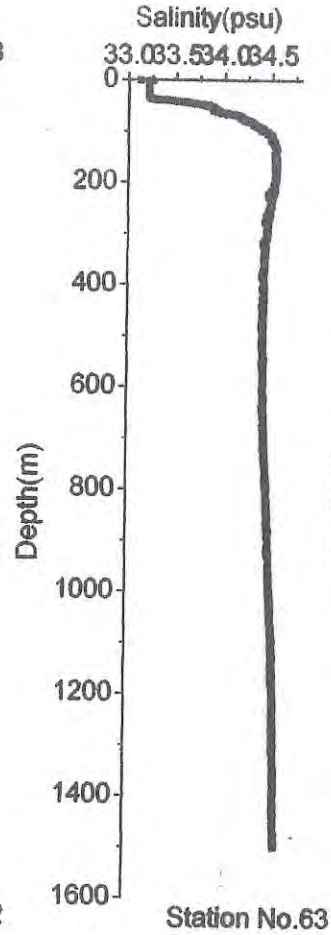
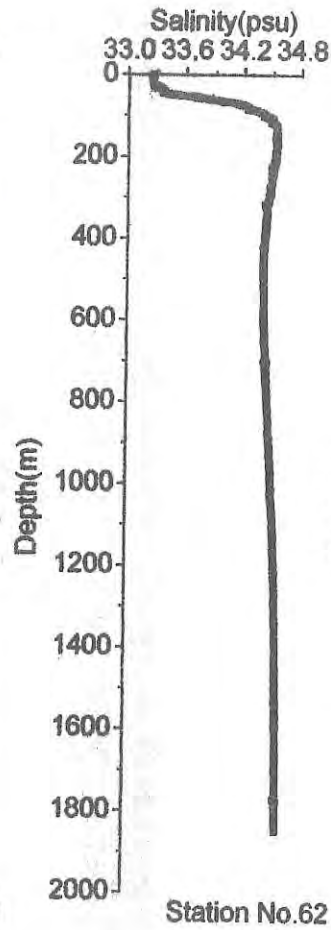
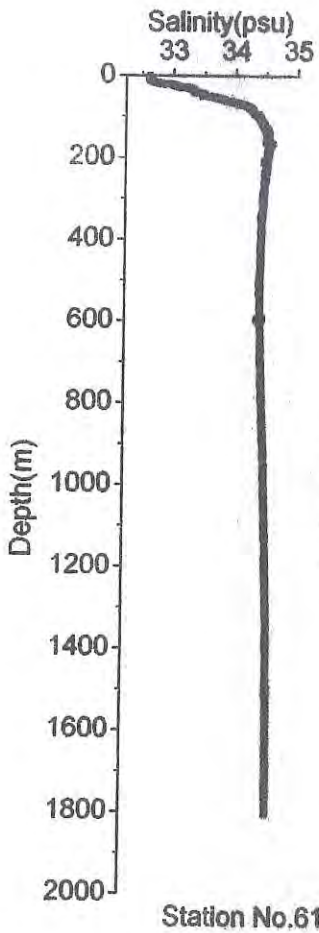
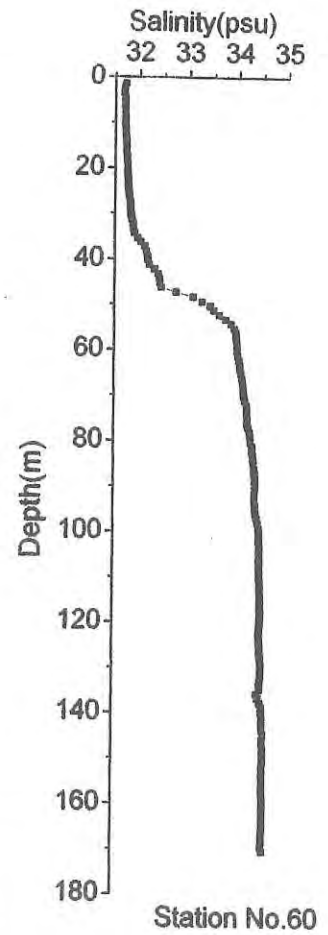
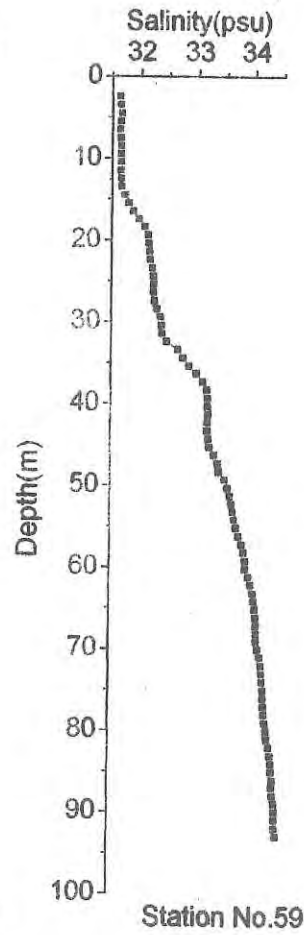
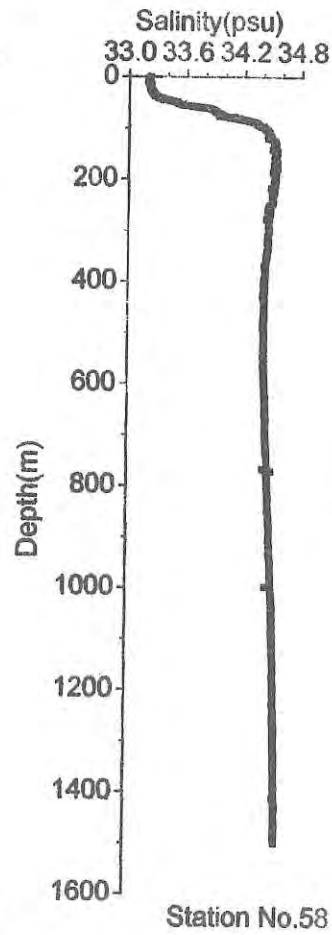
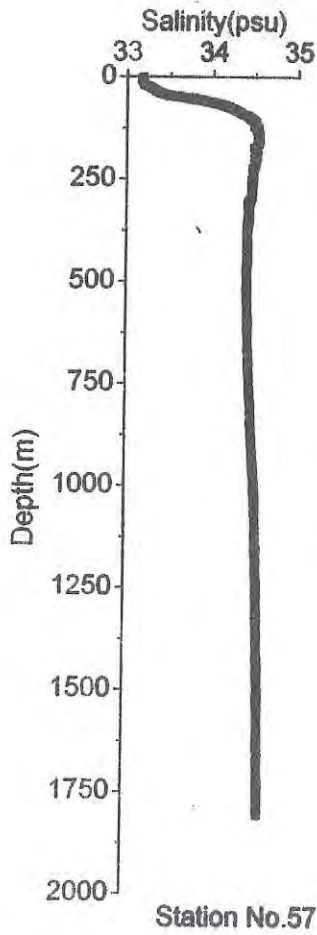


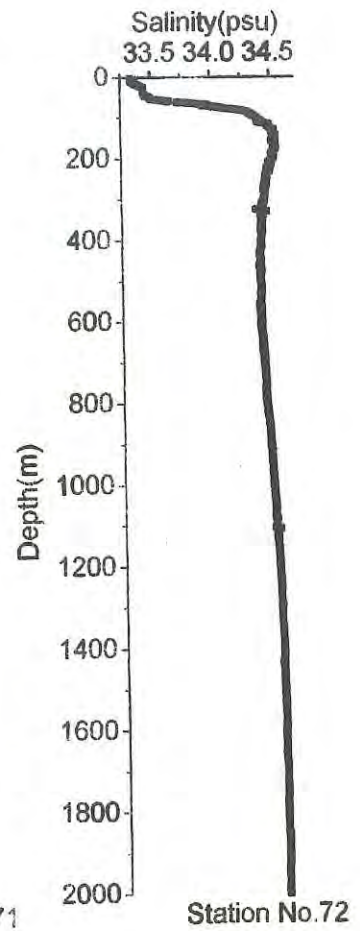
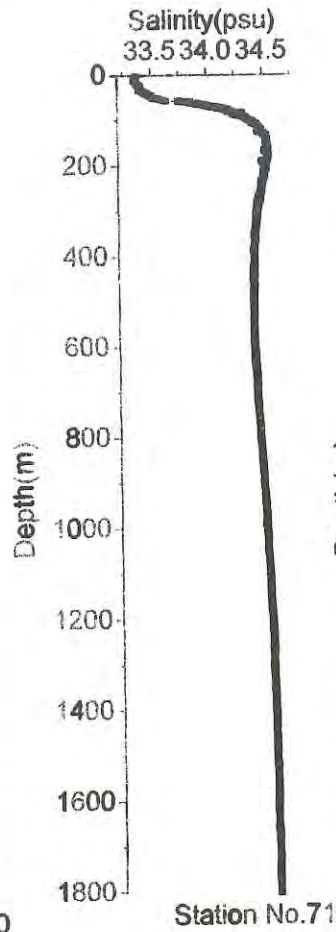
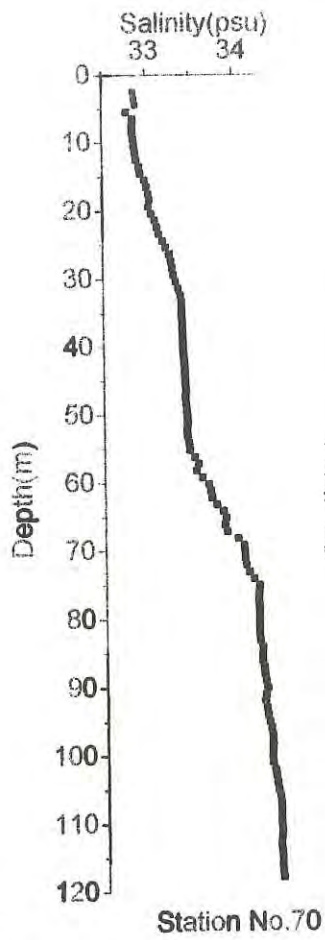
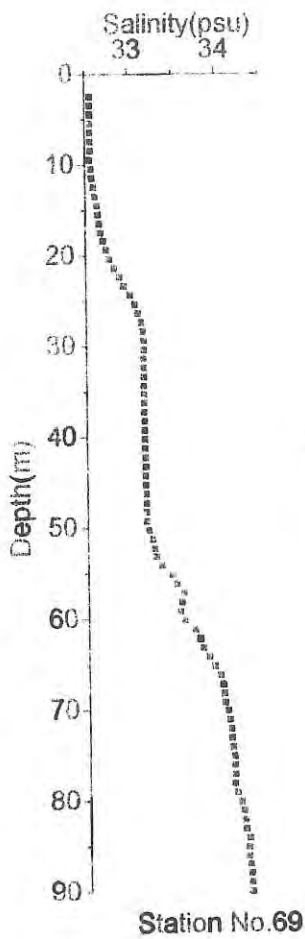
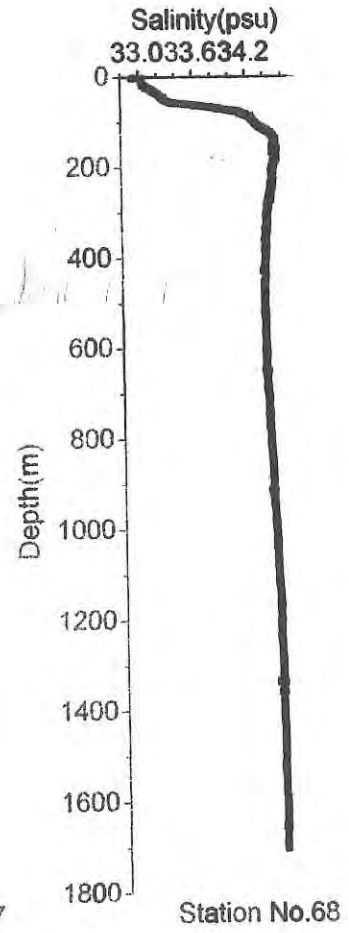
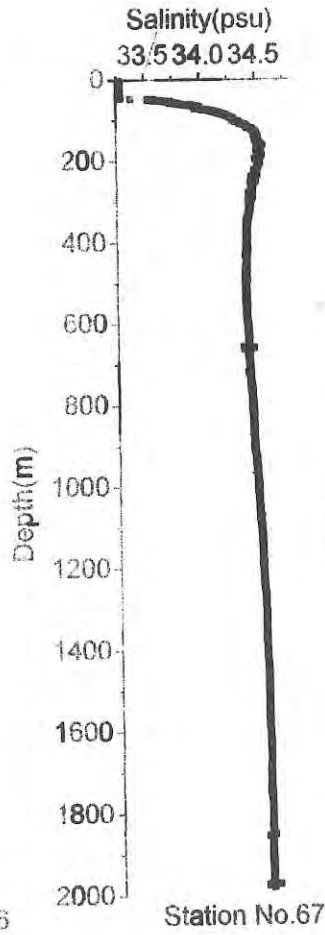
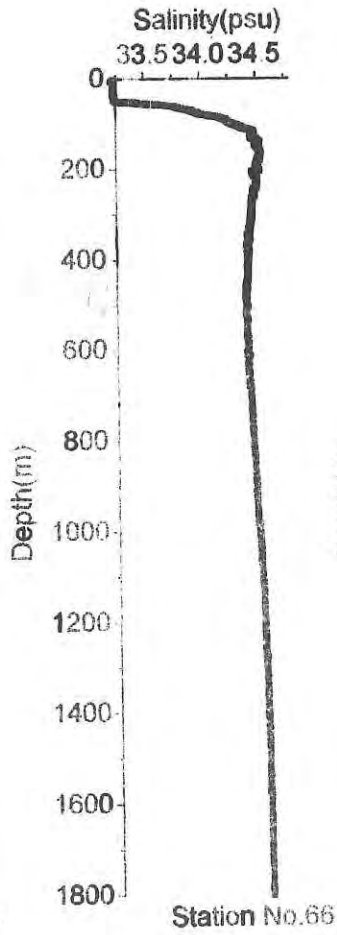
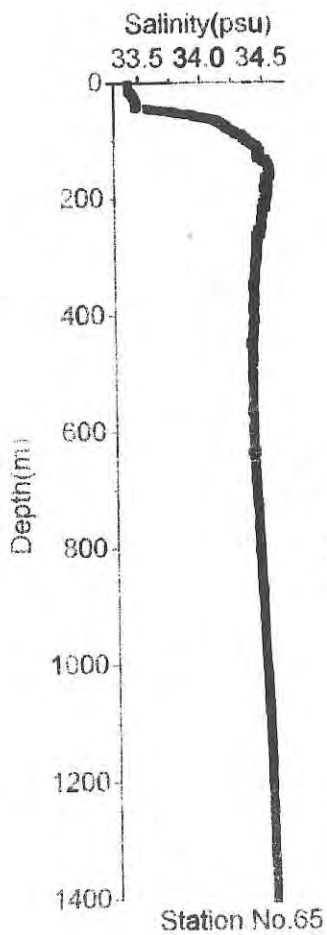


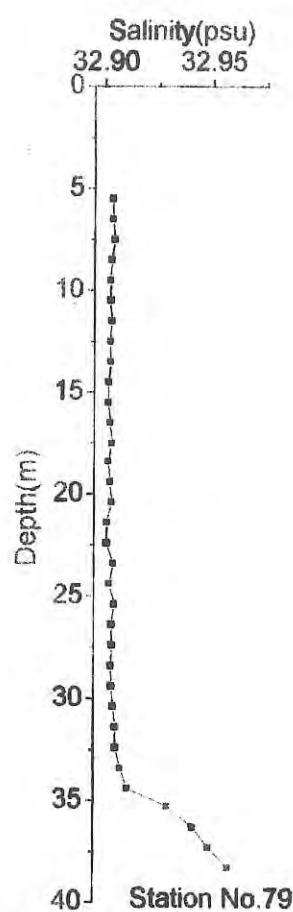
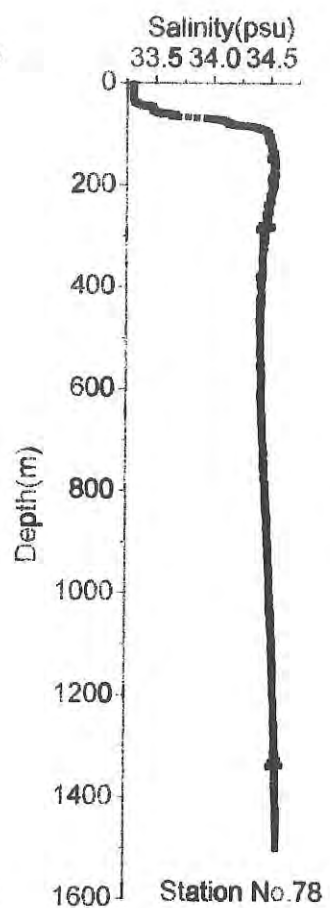
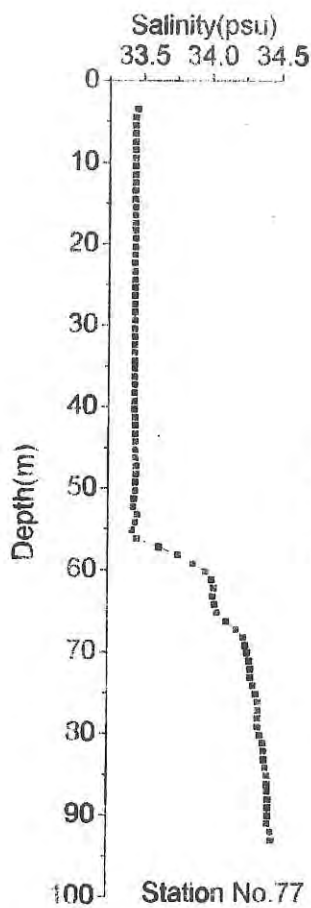
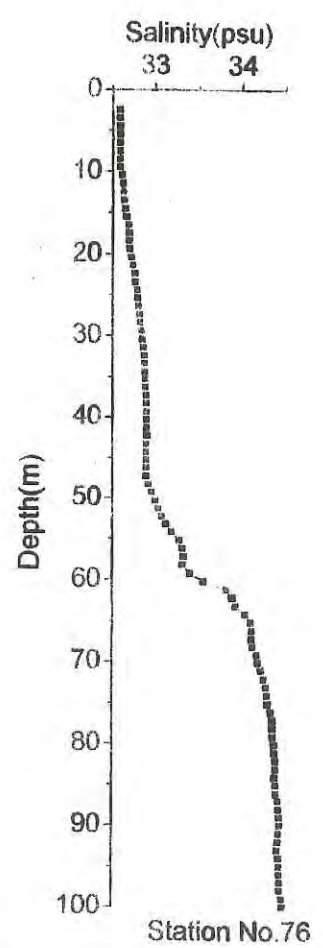
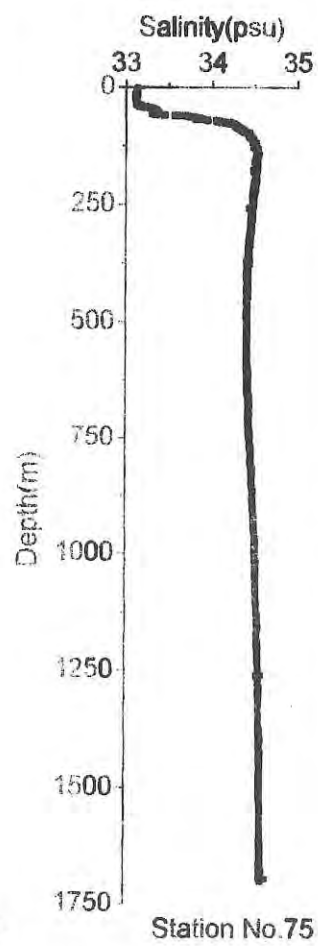
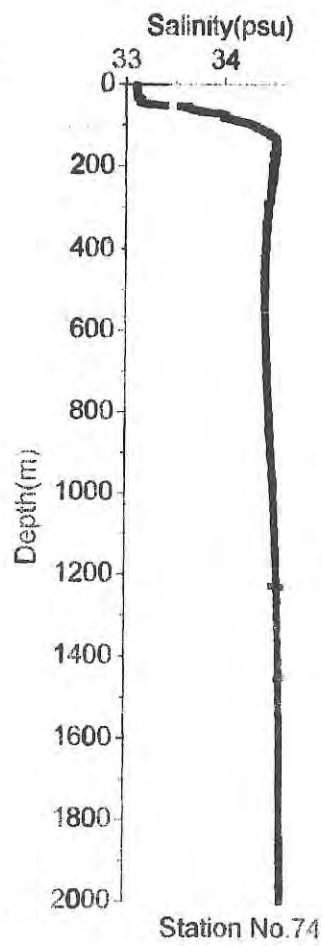
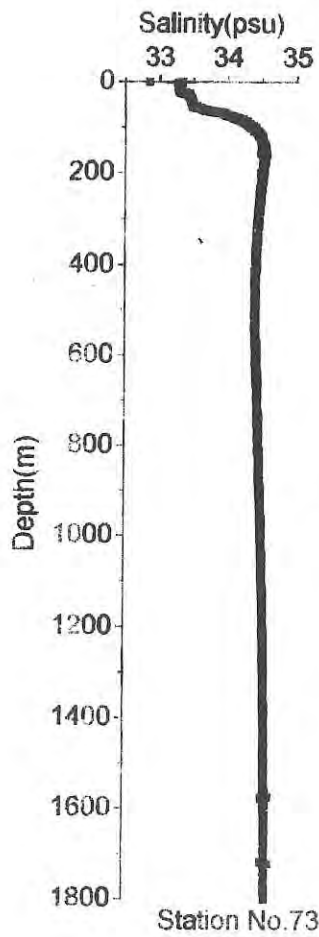




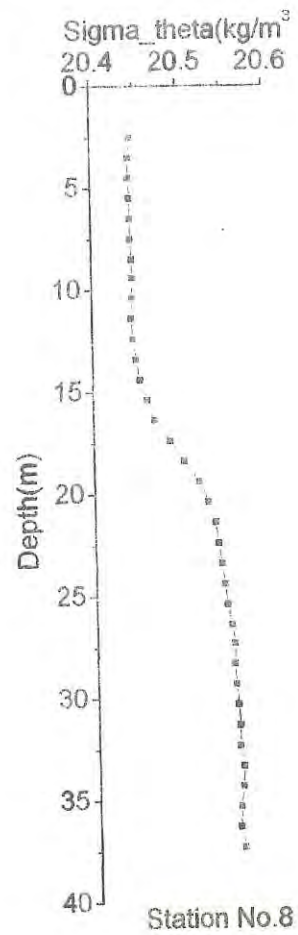
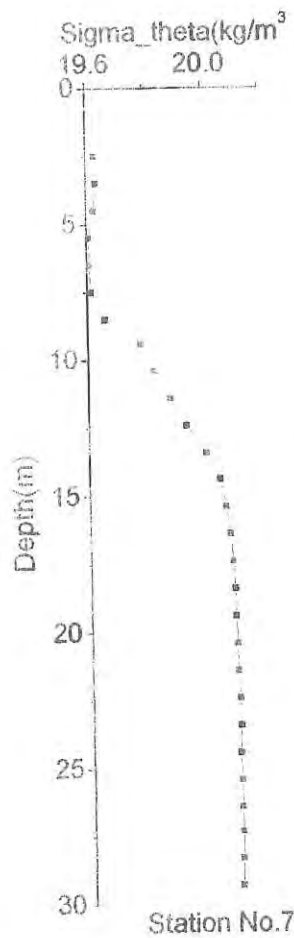
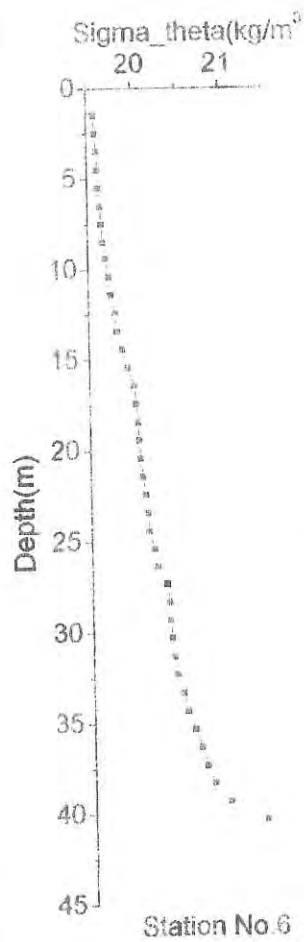
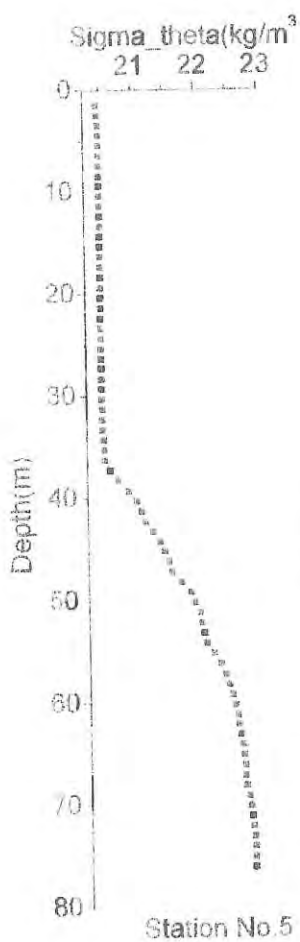
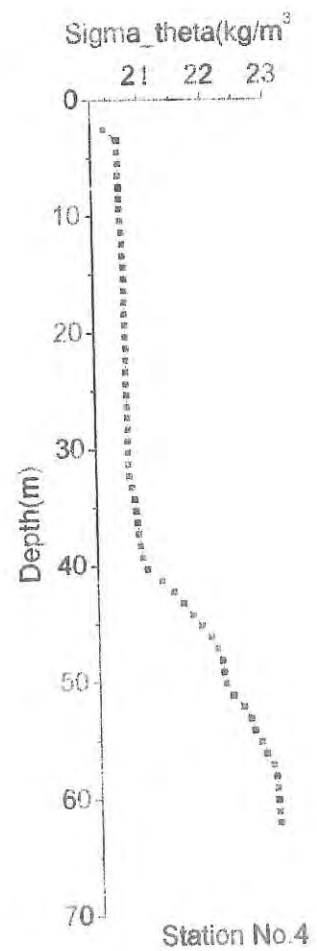
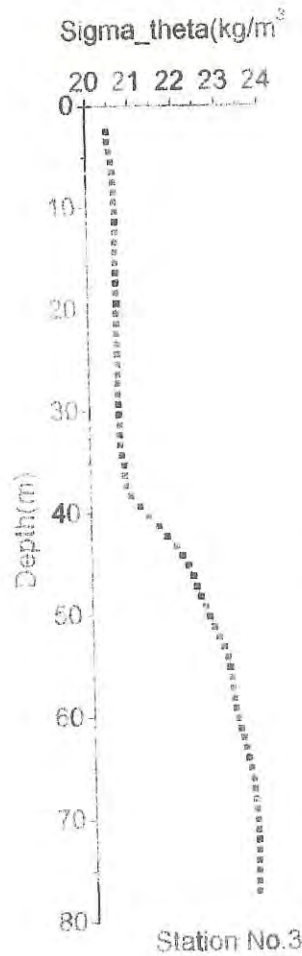
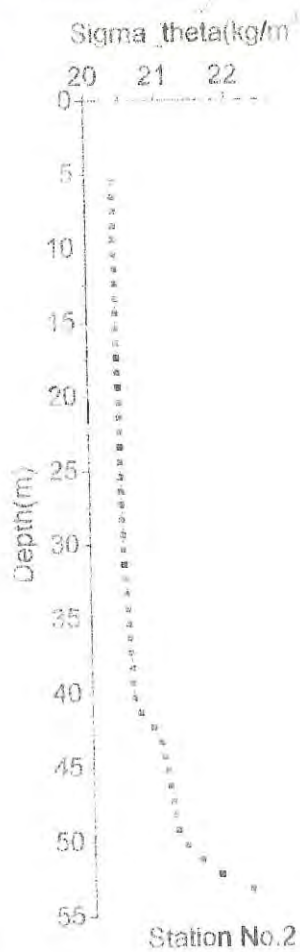


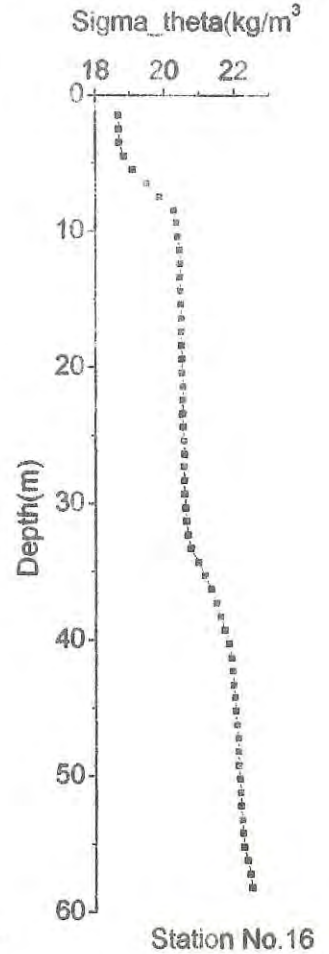
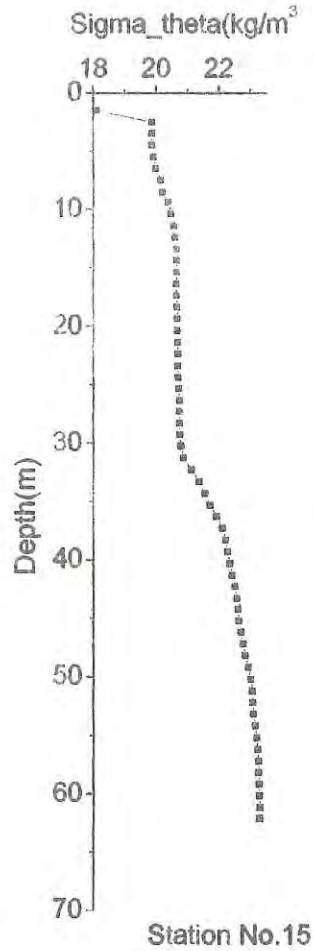
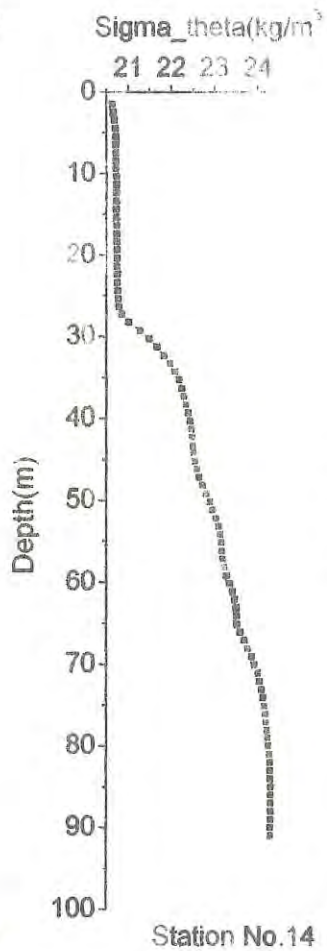
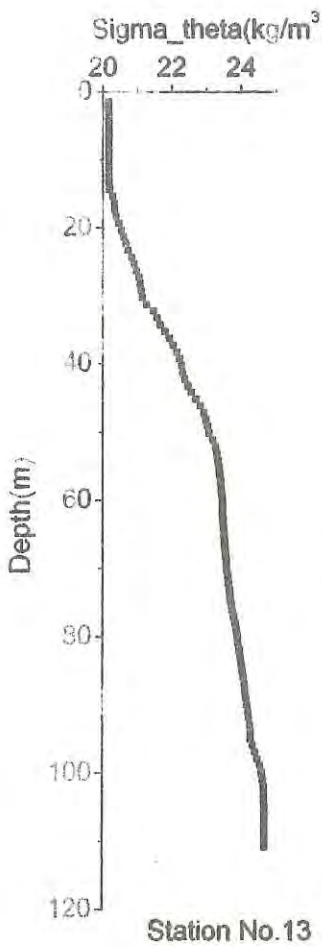
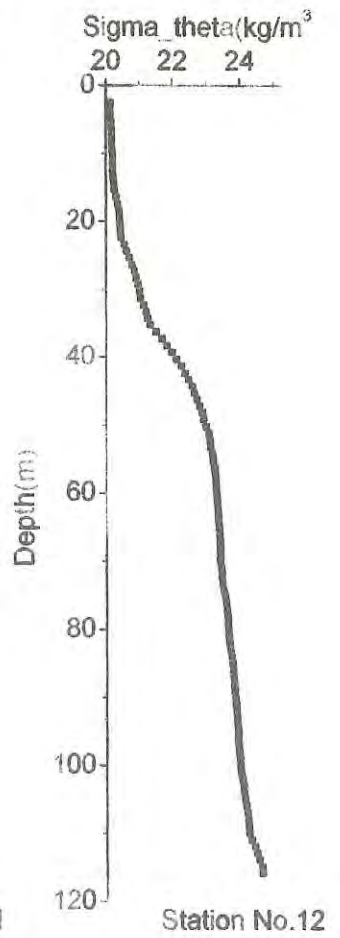
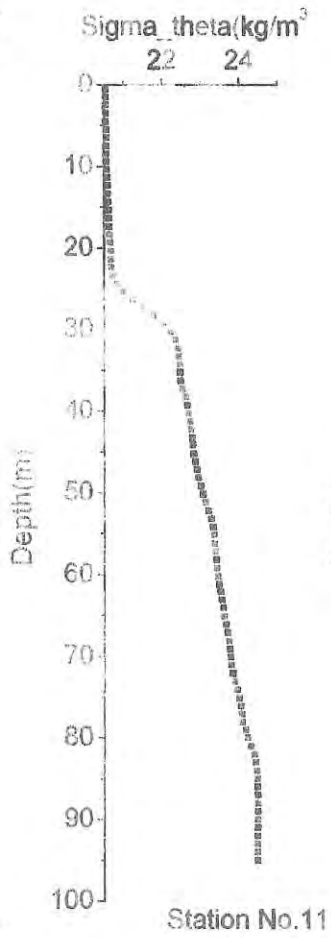
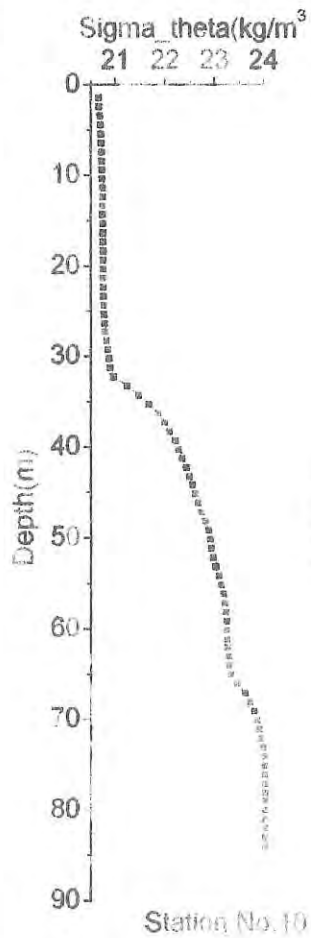
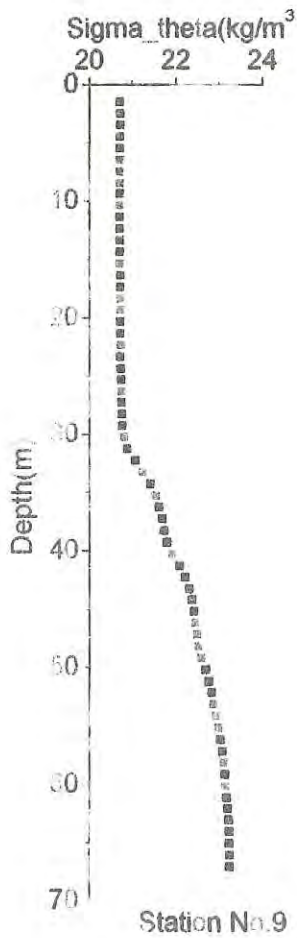


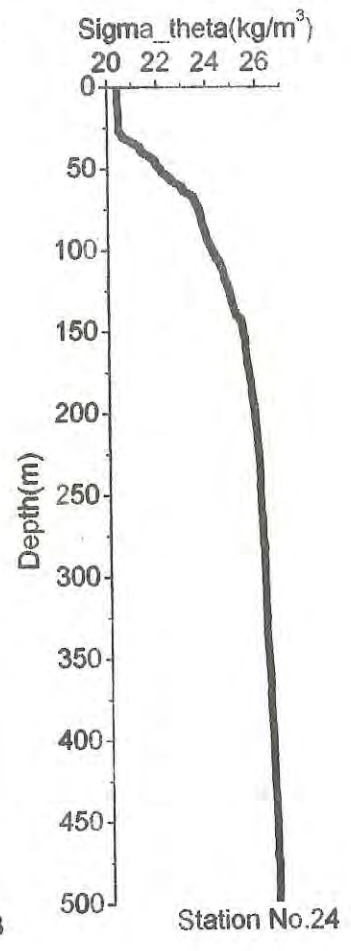
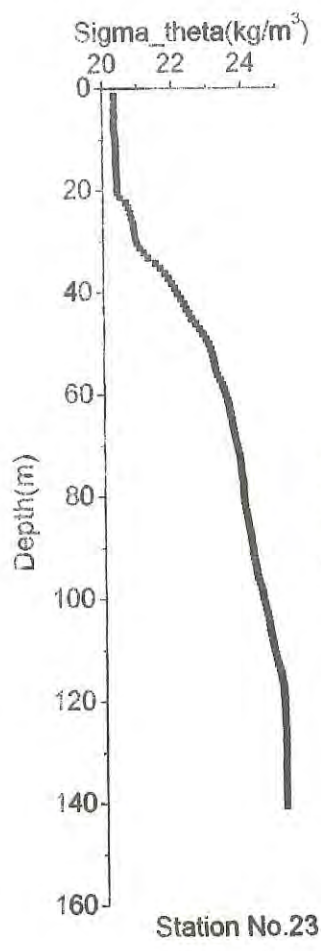
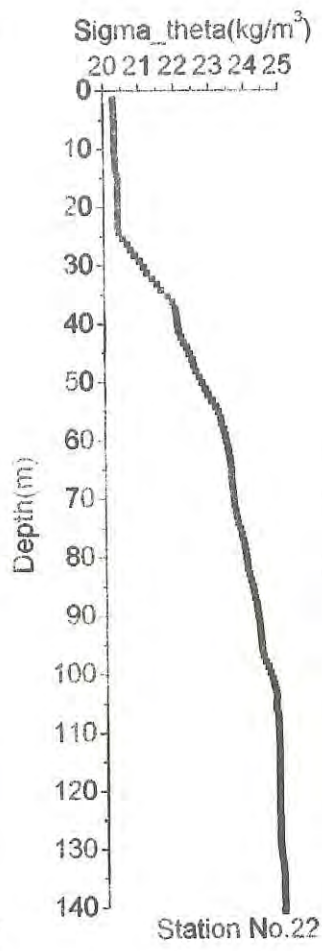
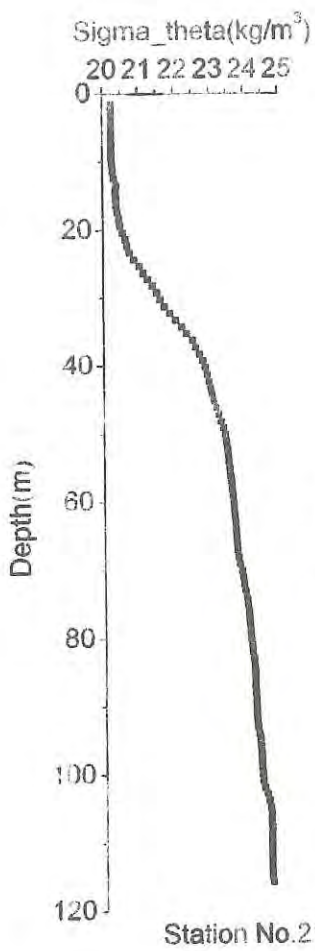
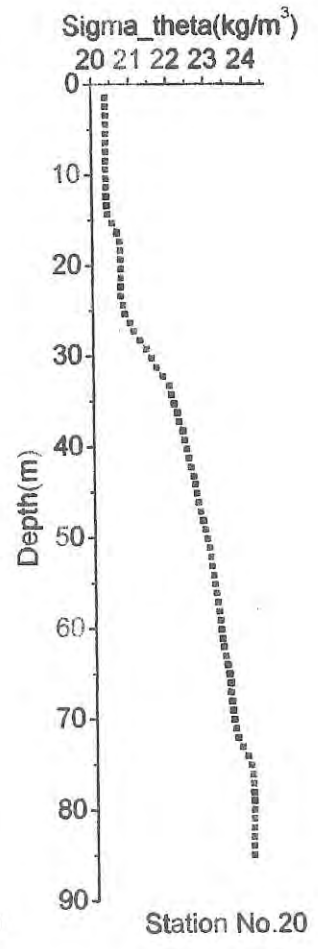
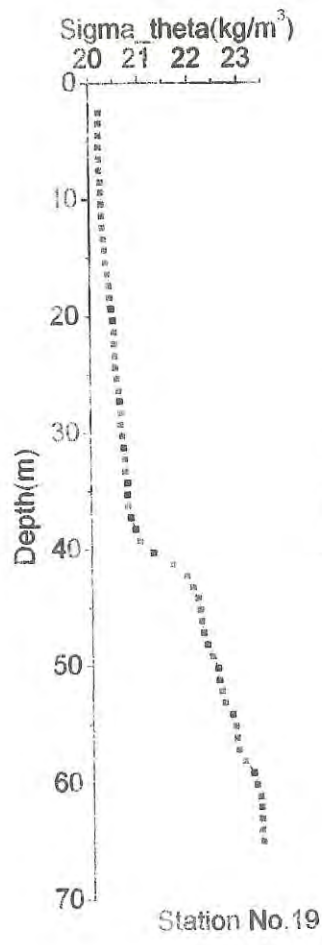
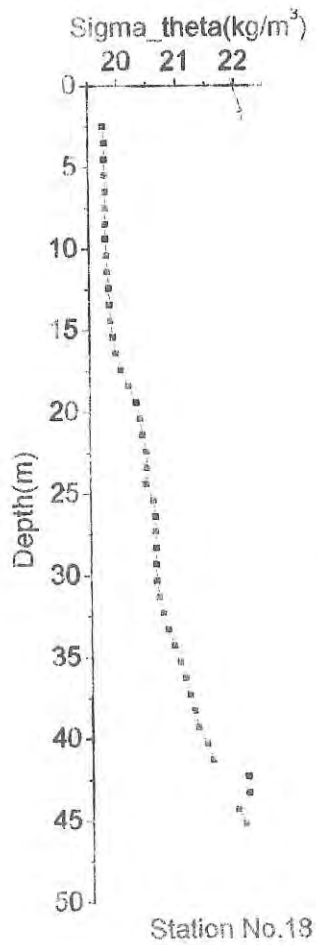
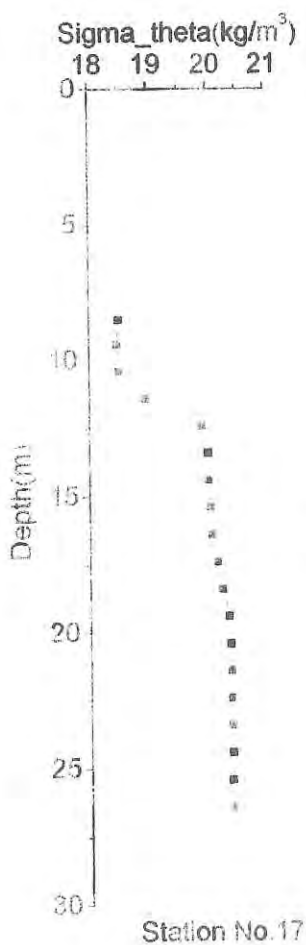


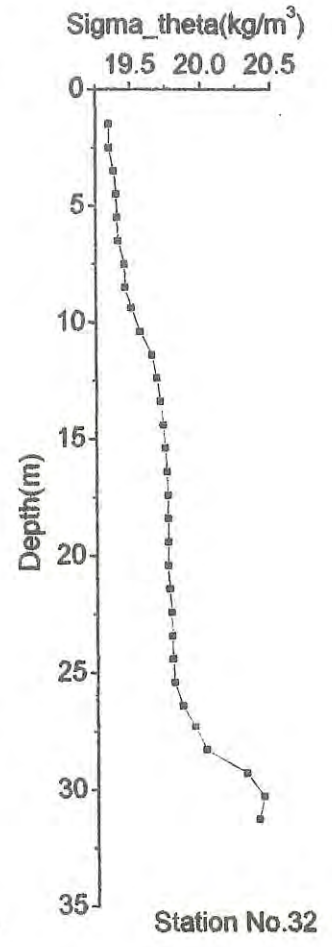
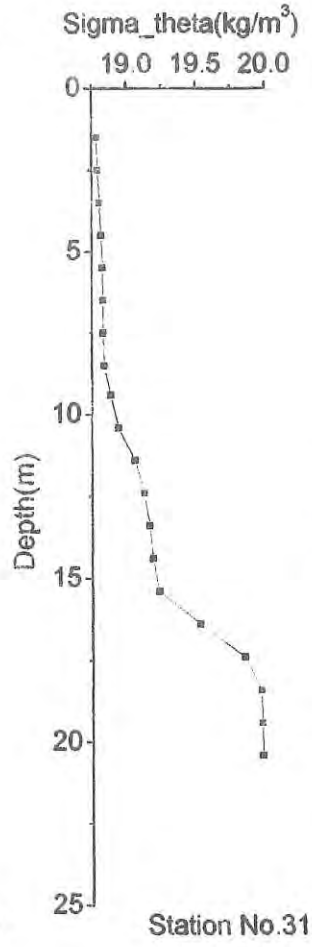
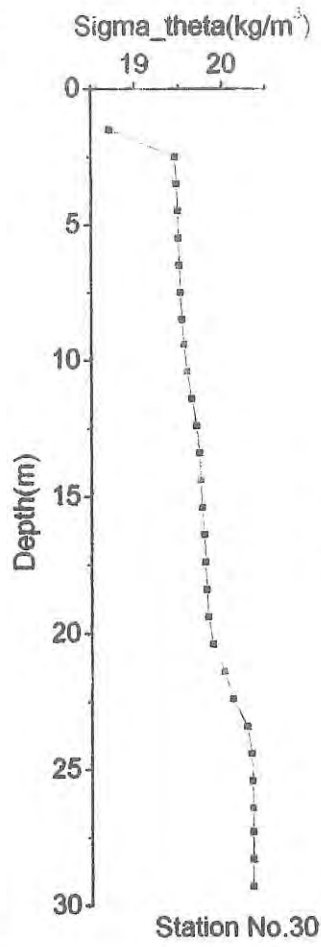
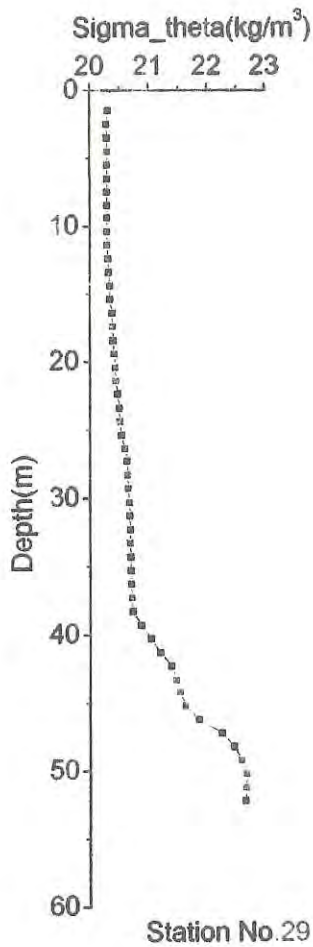
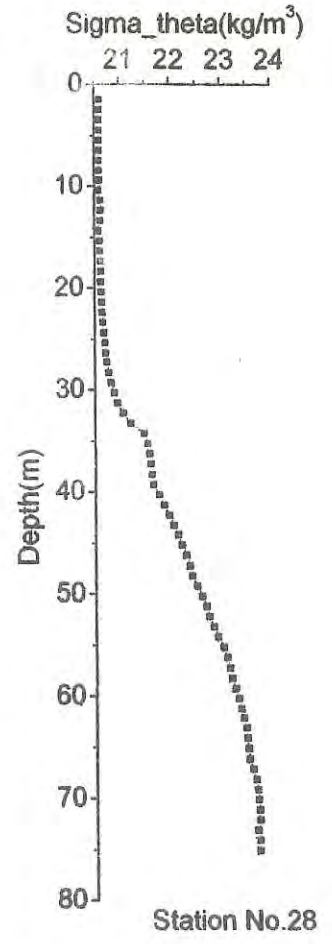
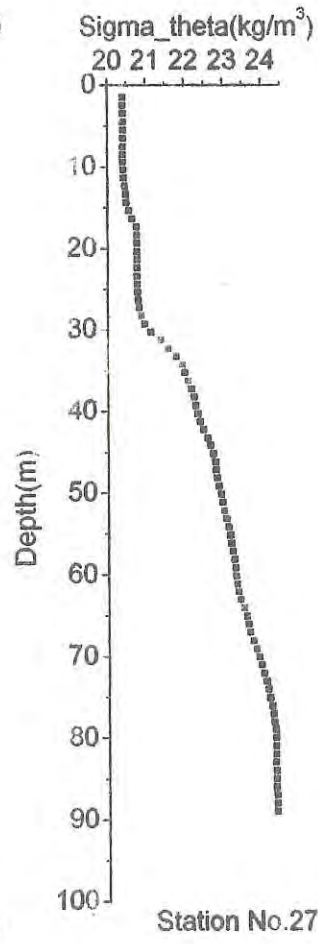
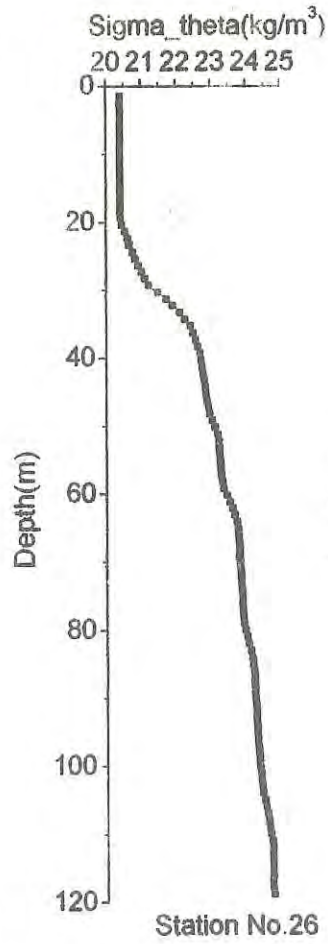
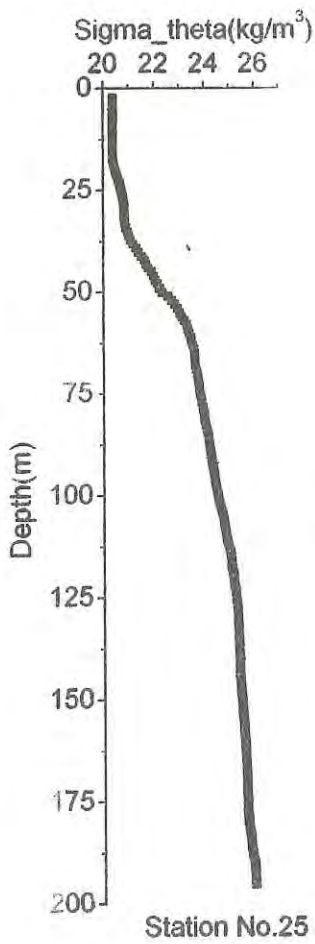


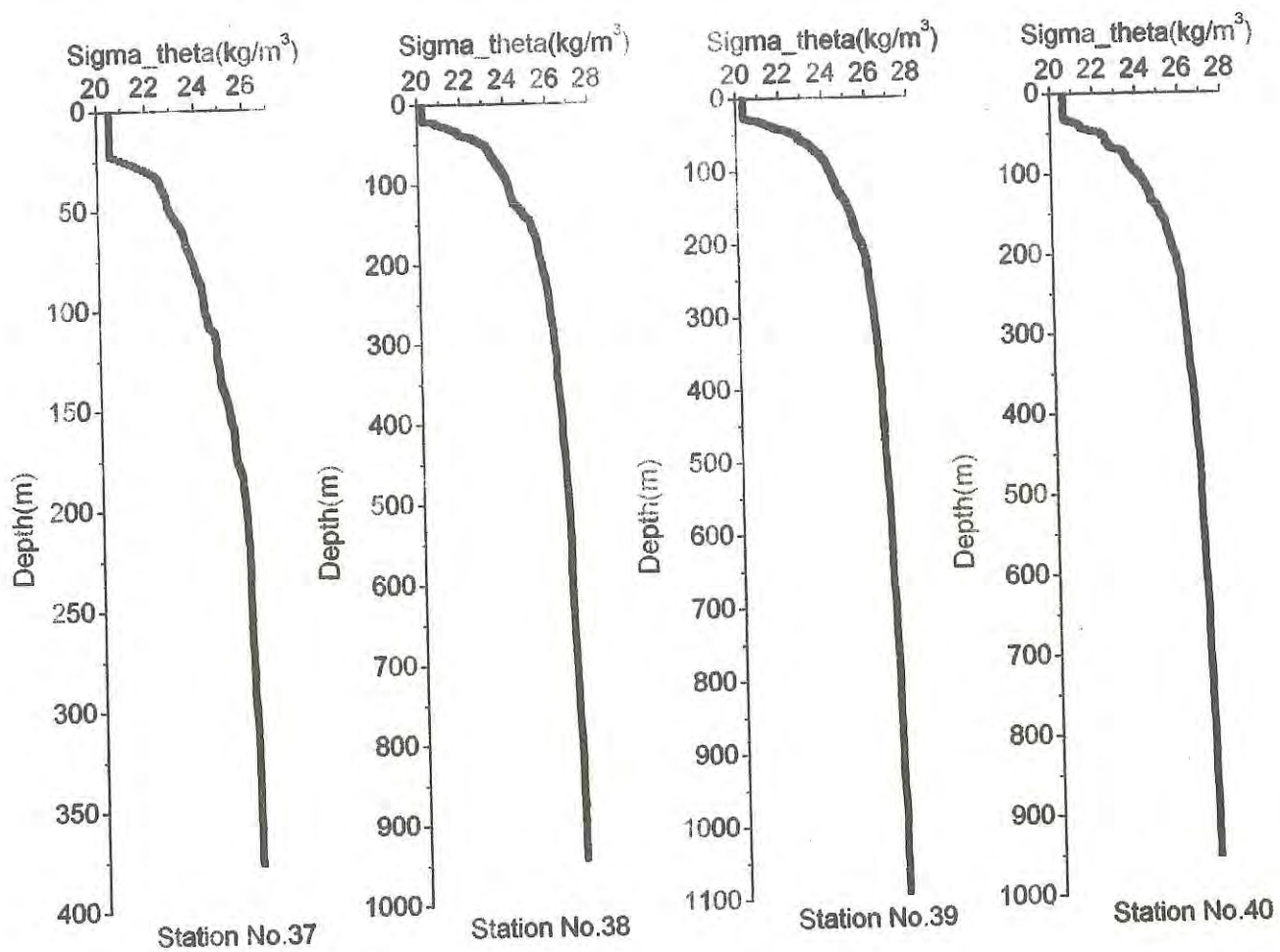
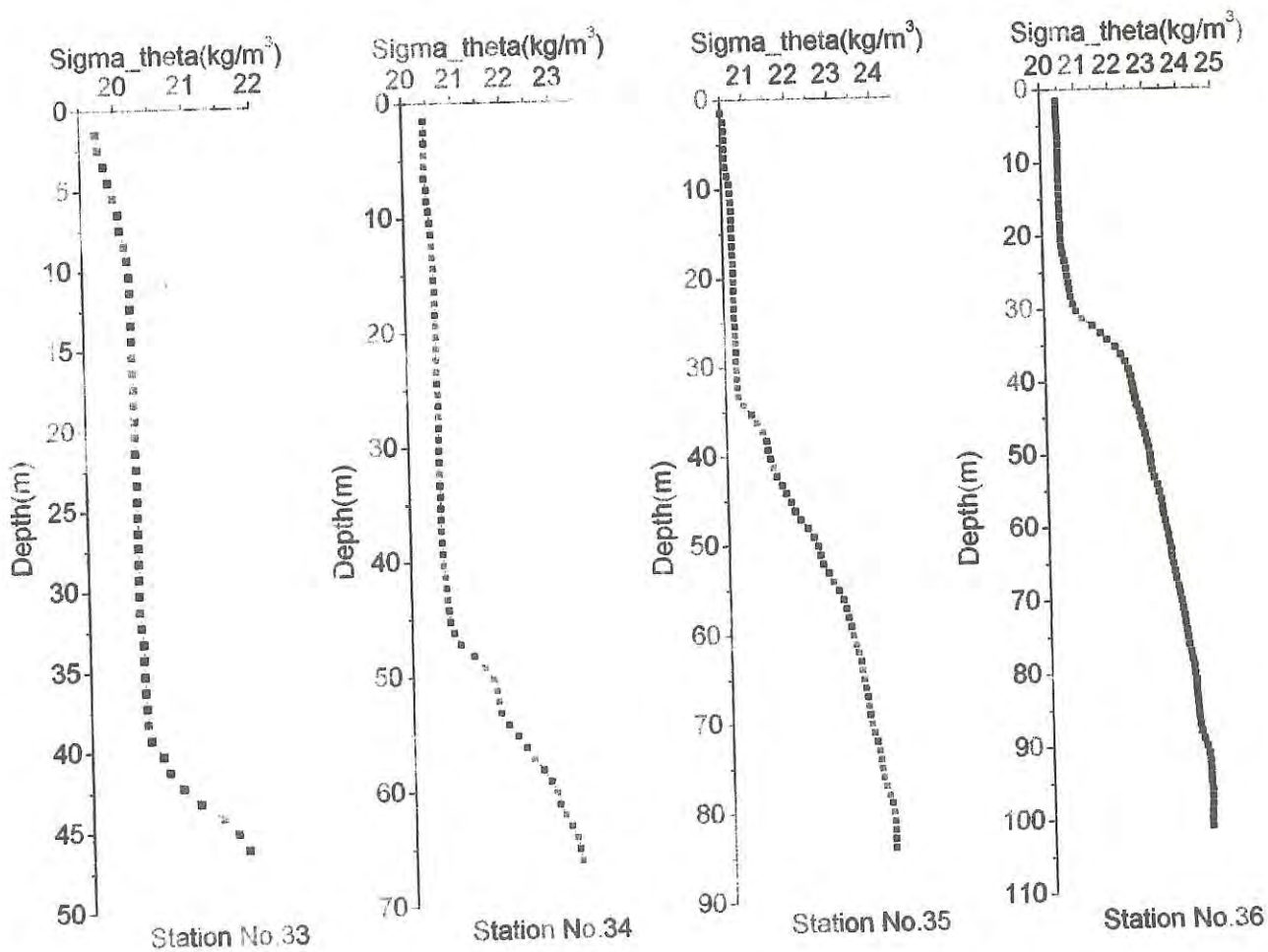
Profile of Sigma_theta

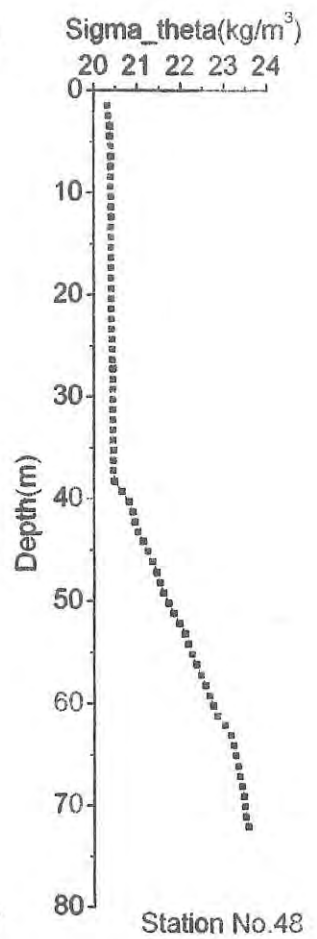
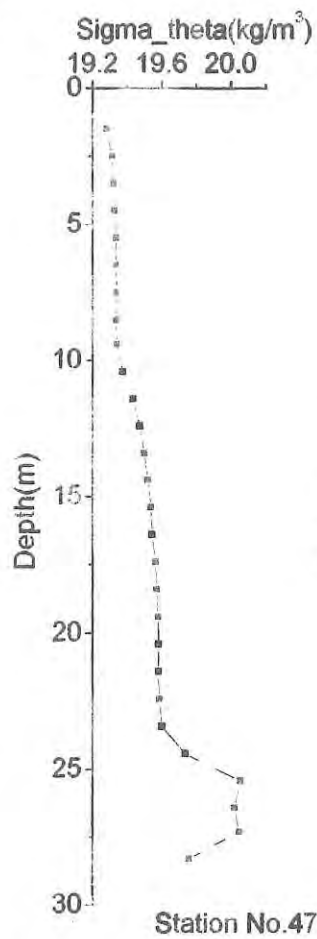
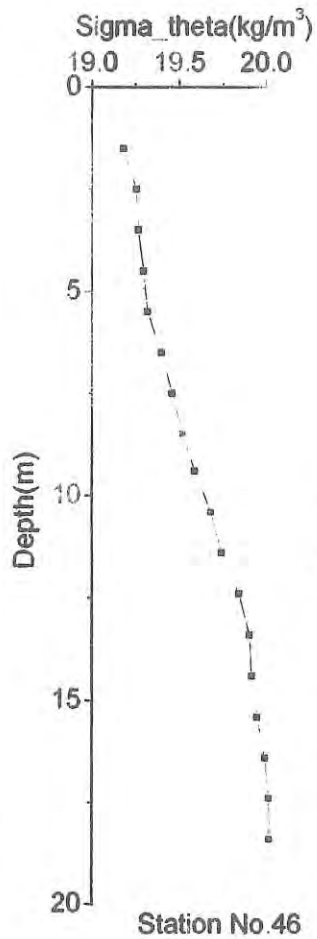
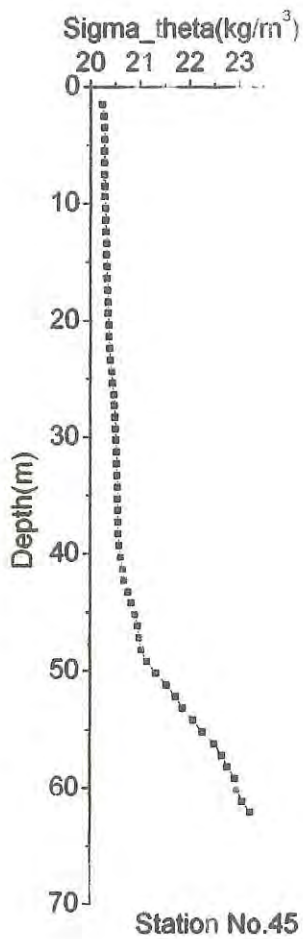
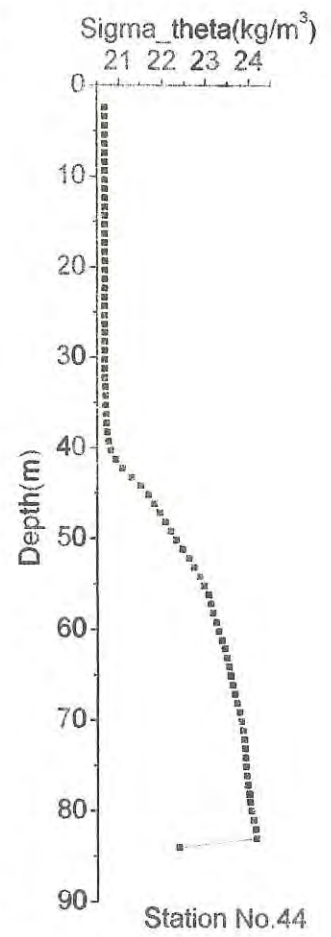
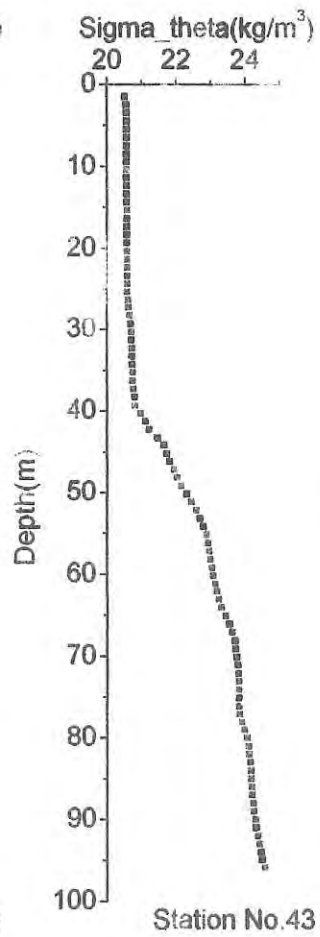
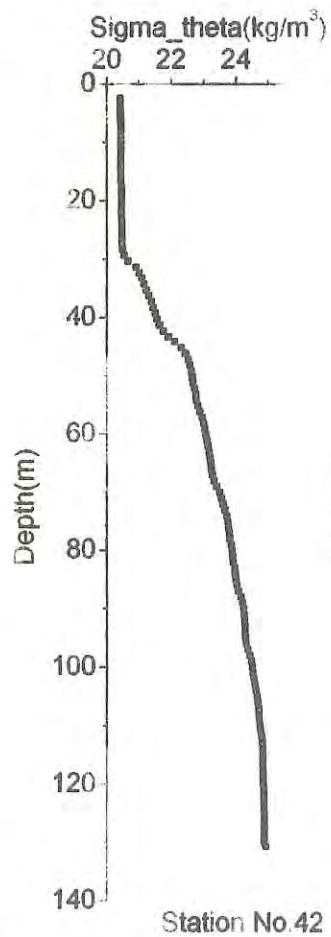
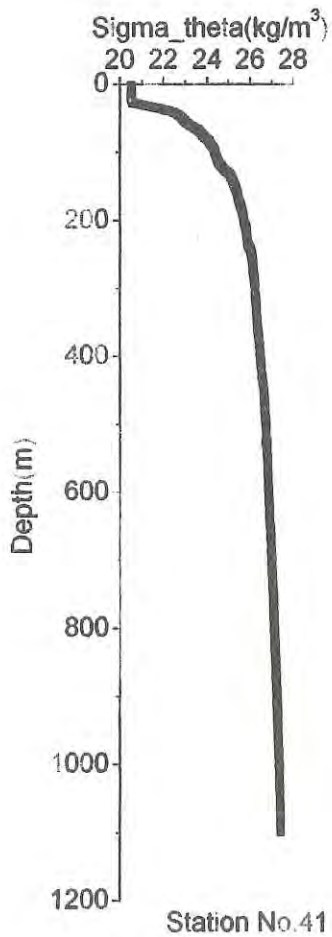


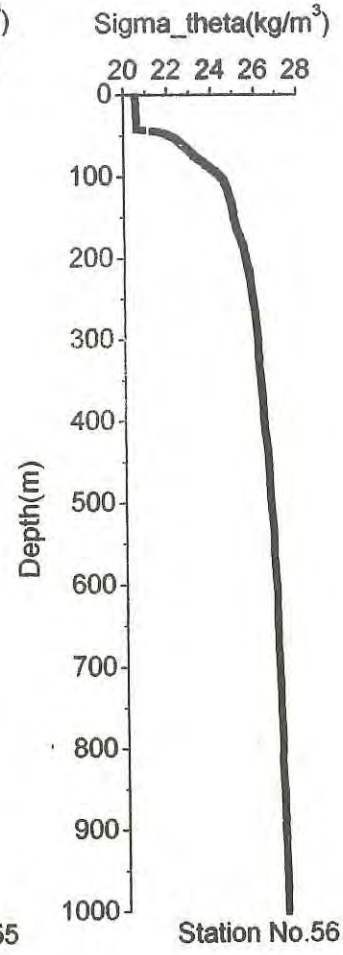
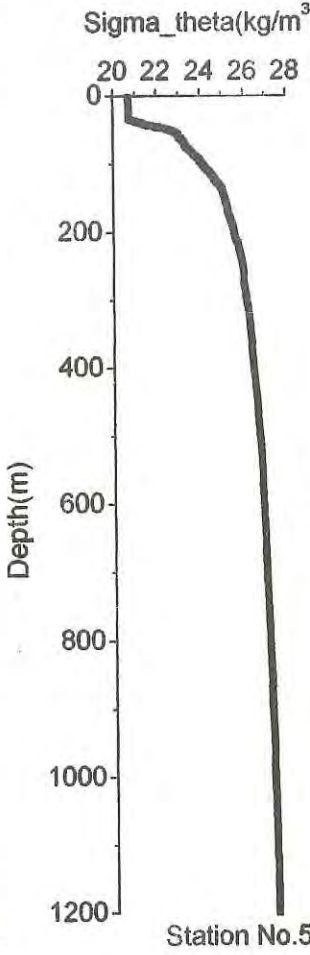
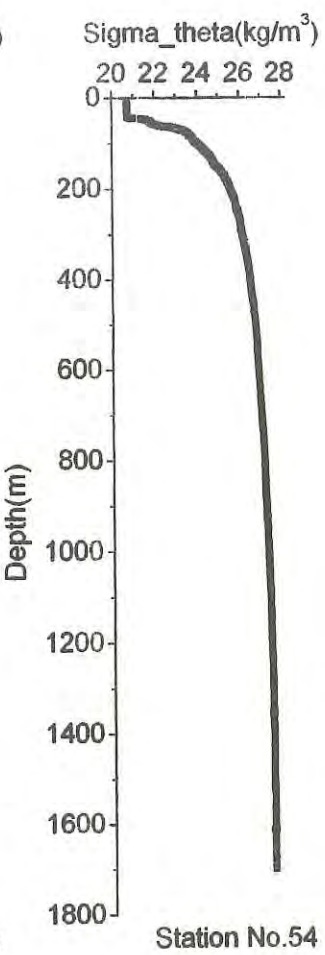
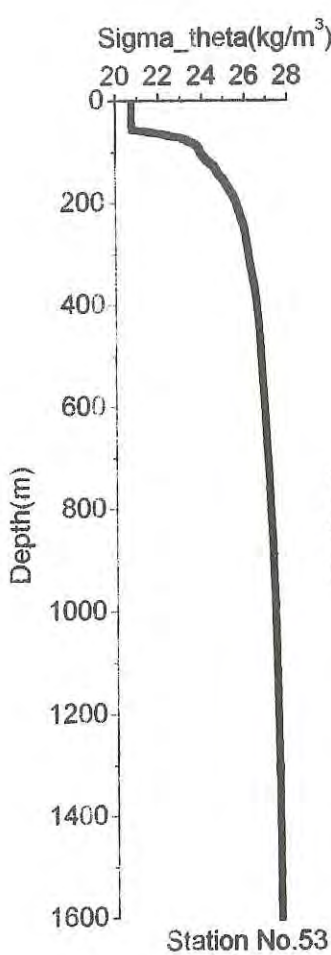
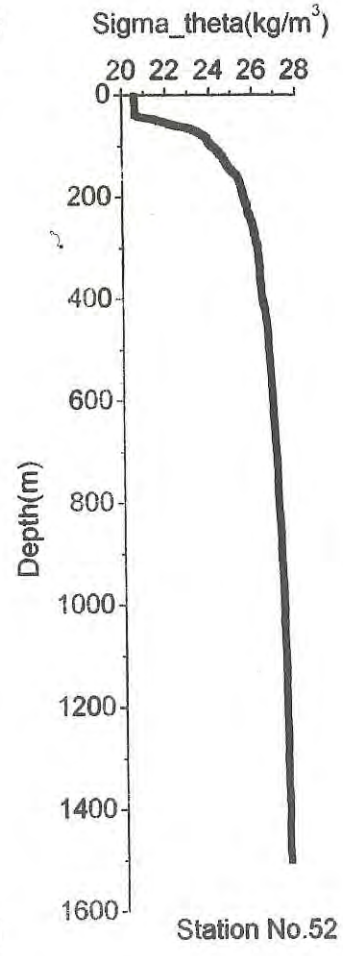
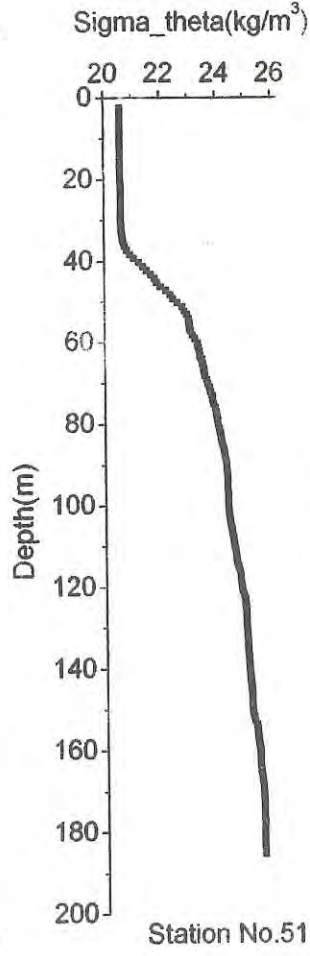
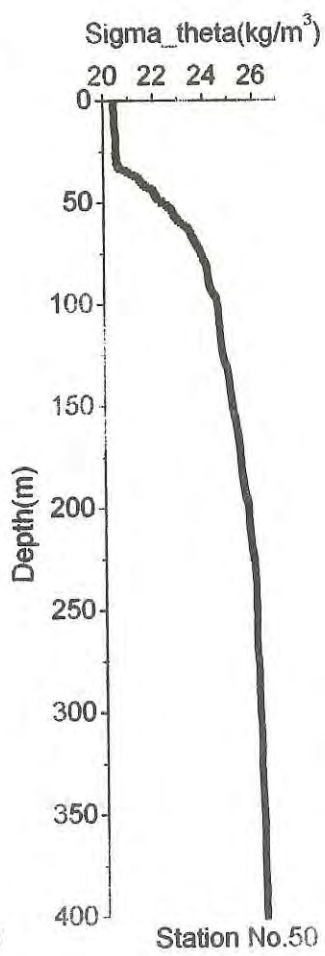
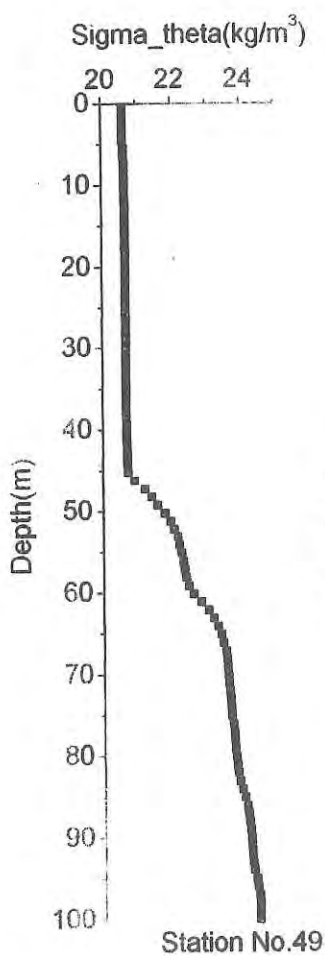


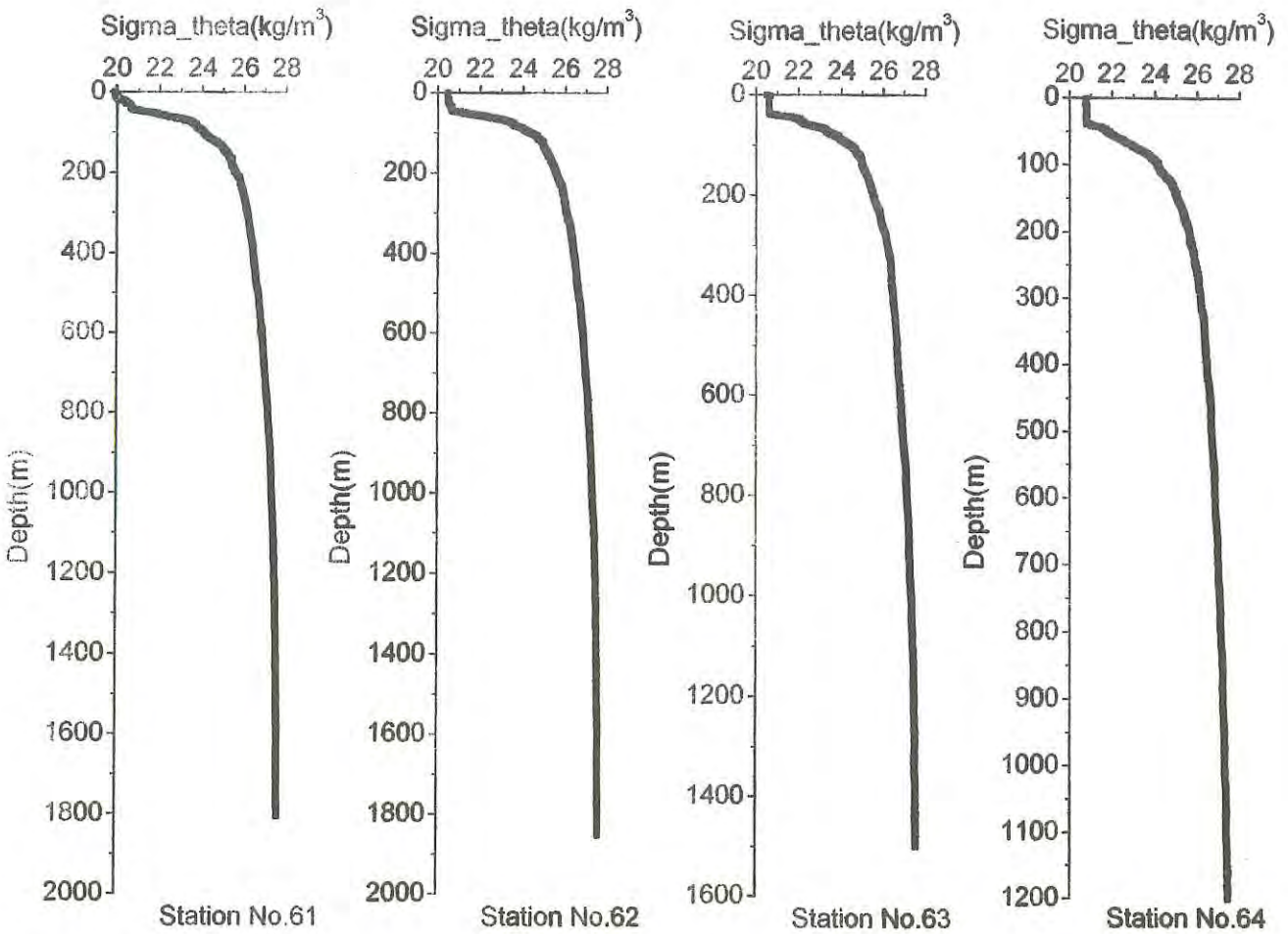
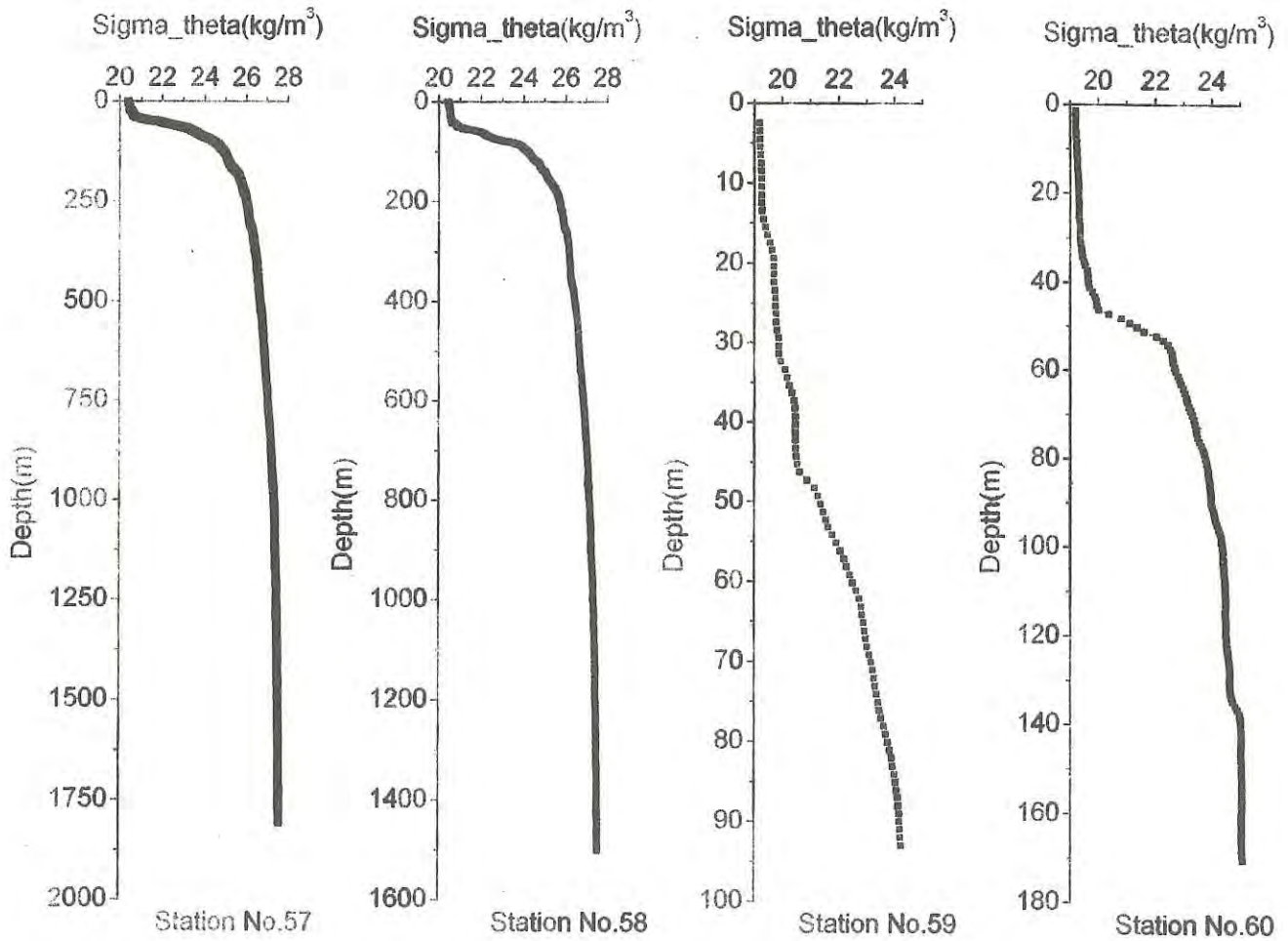


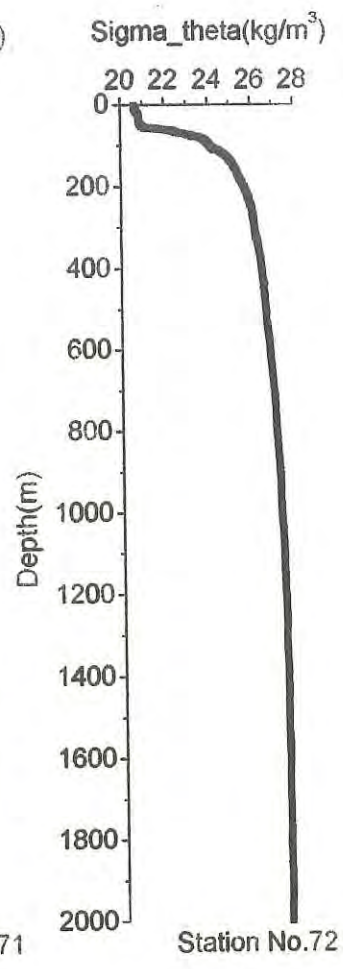
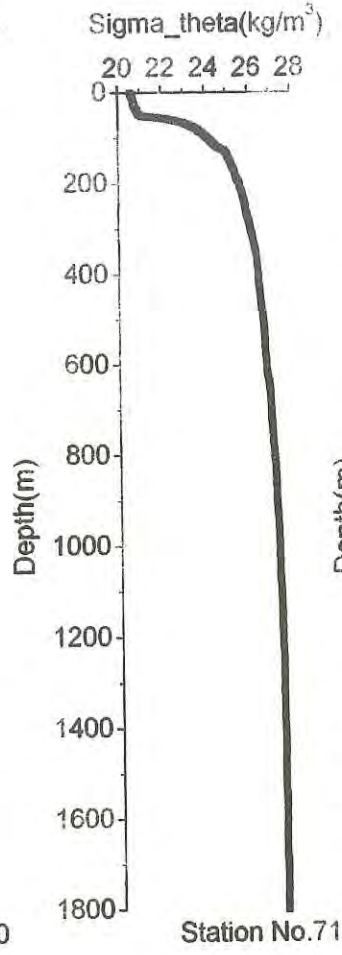
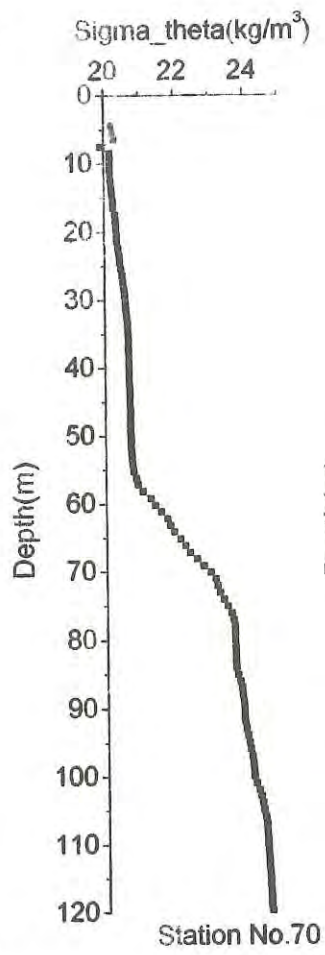
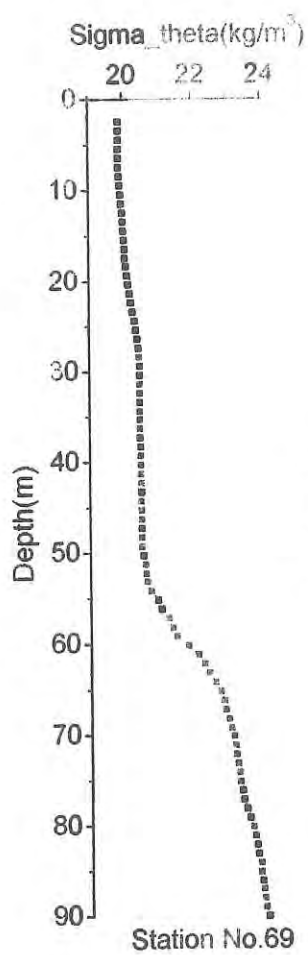
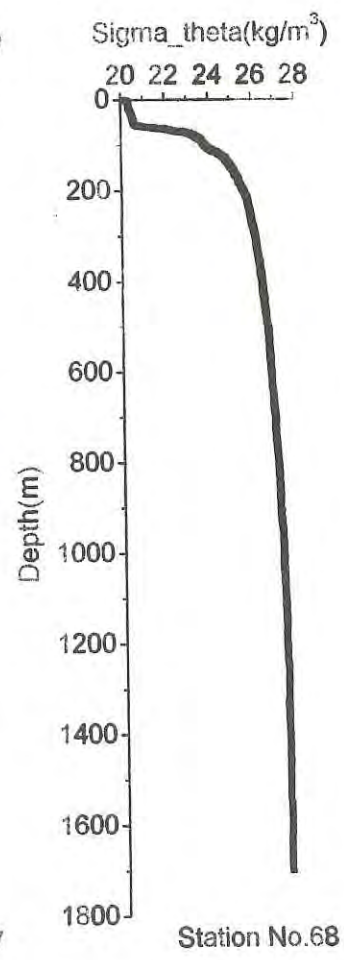
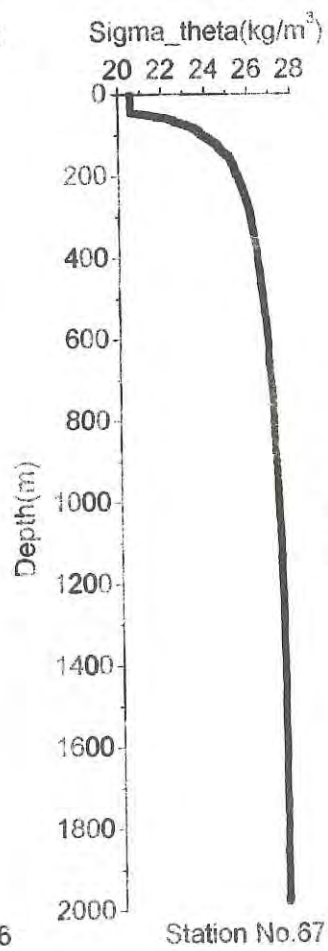
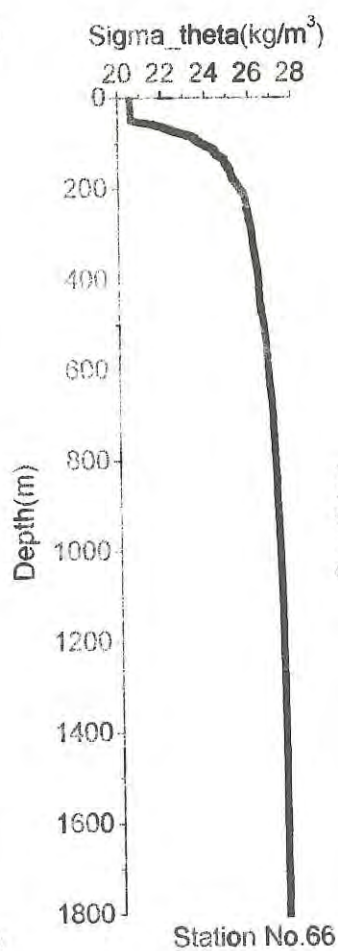
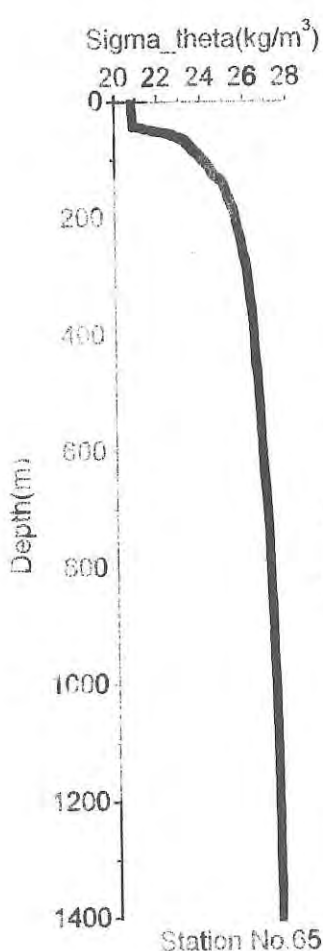


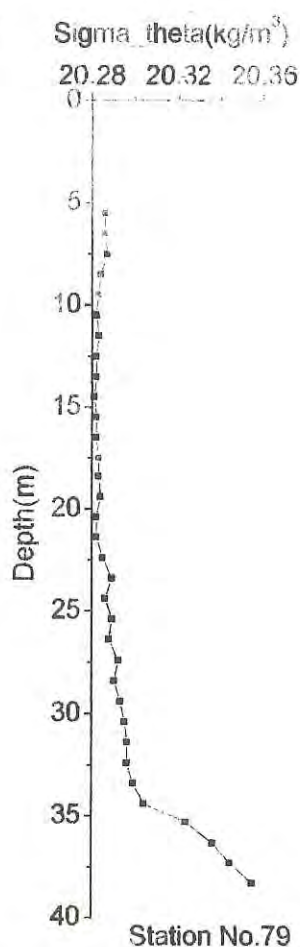
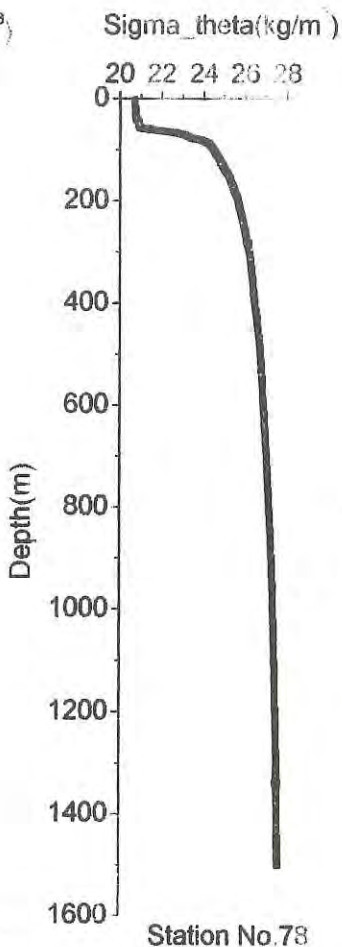
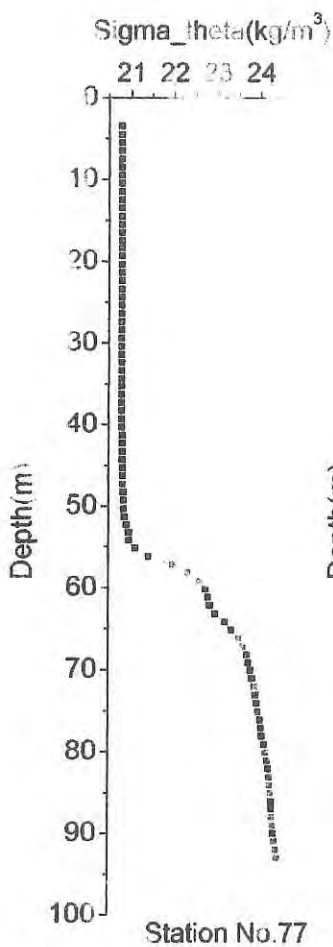
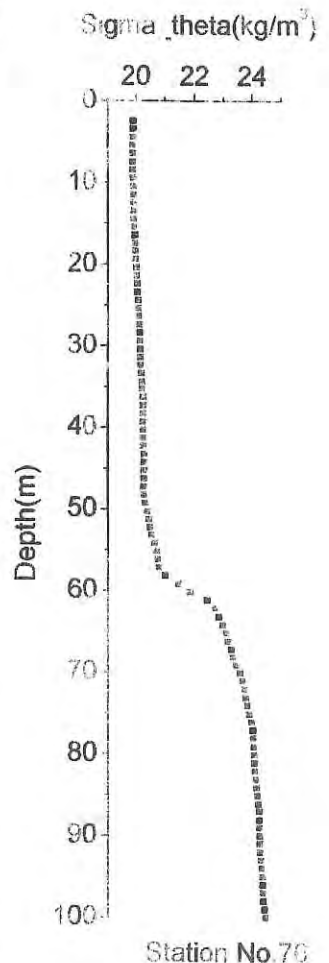
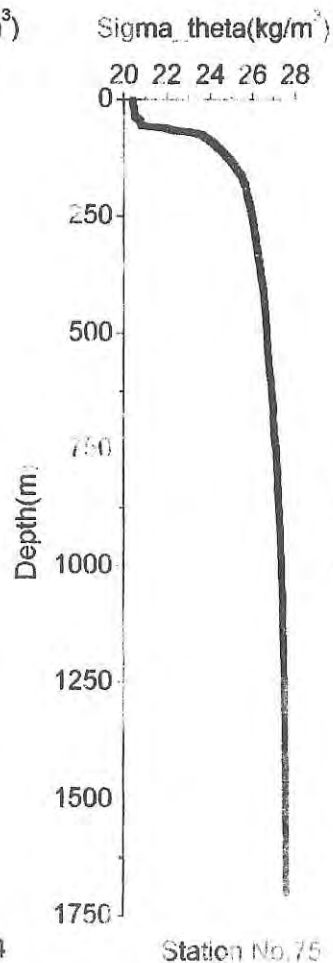
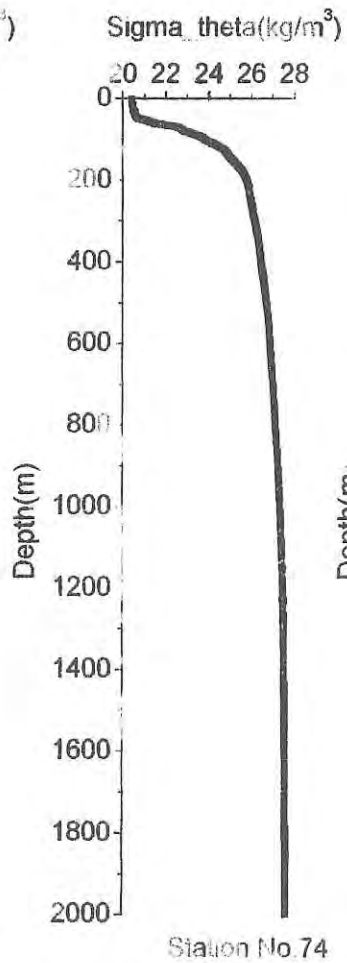
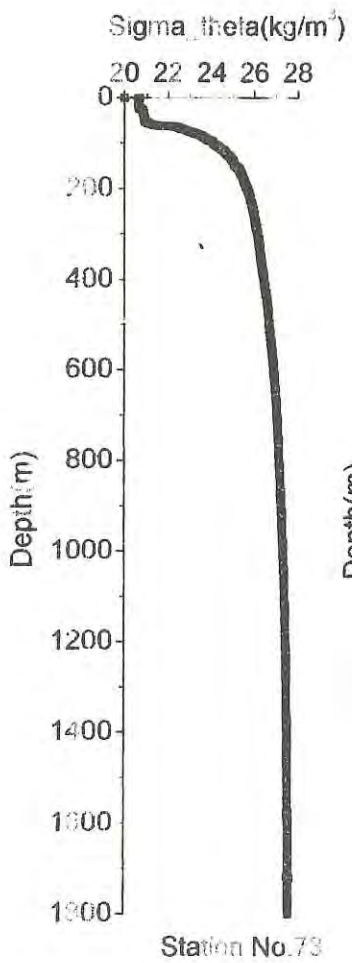




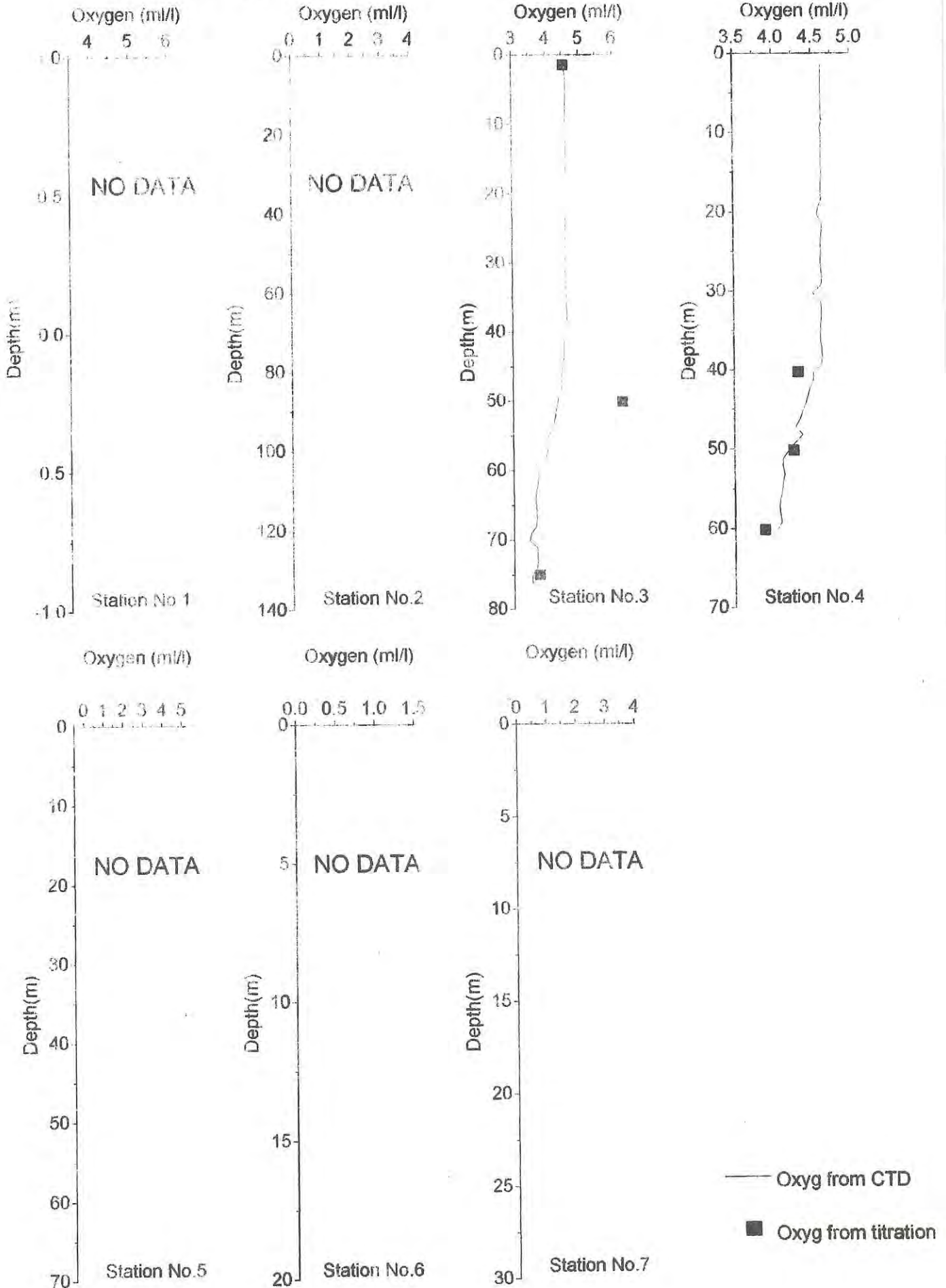


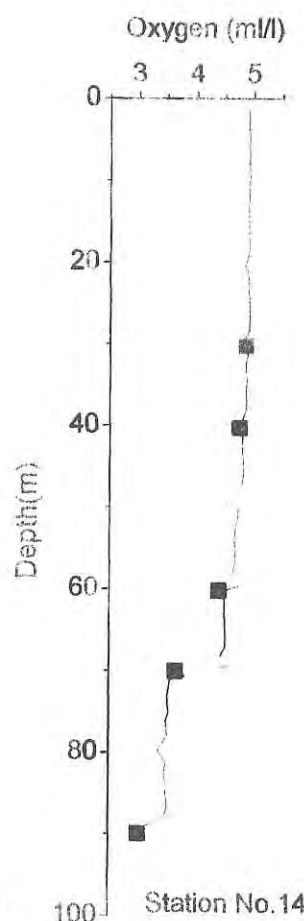
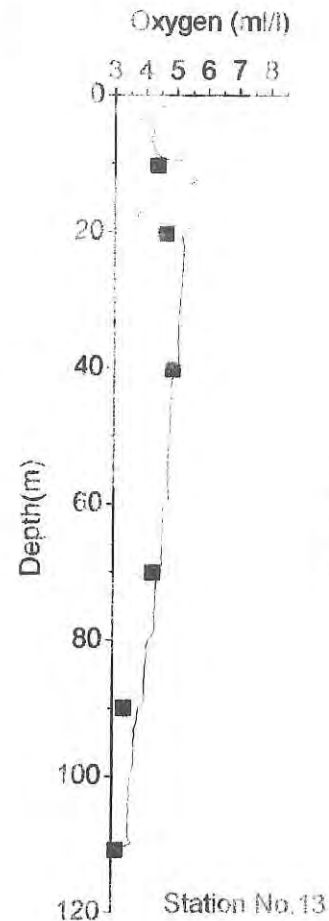
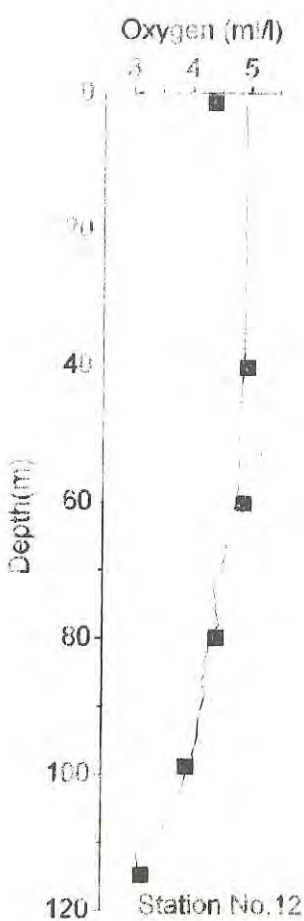
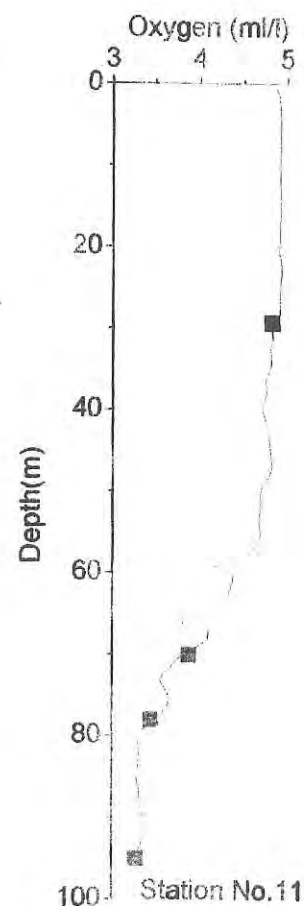
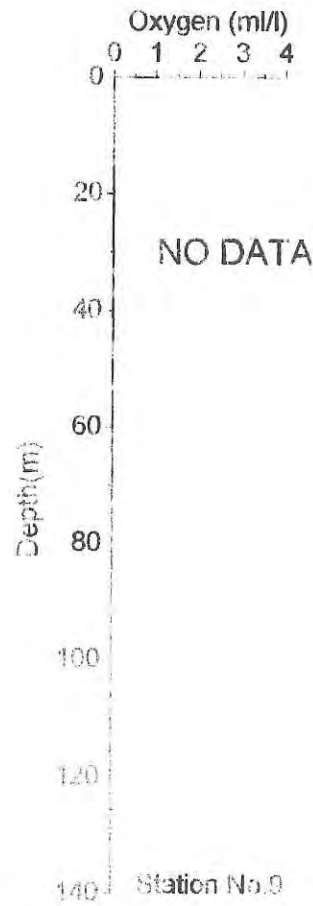




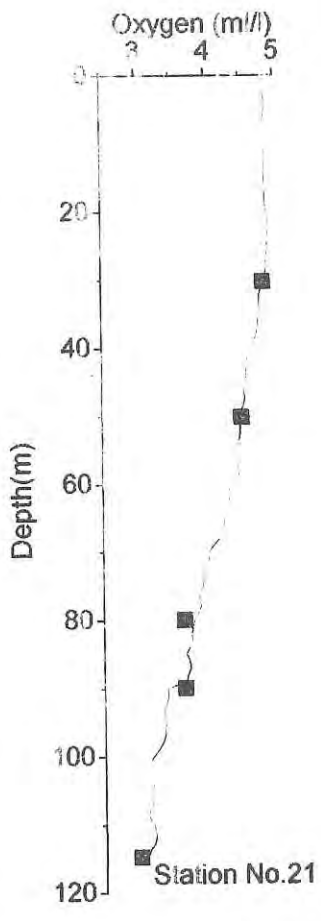
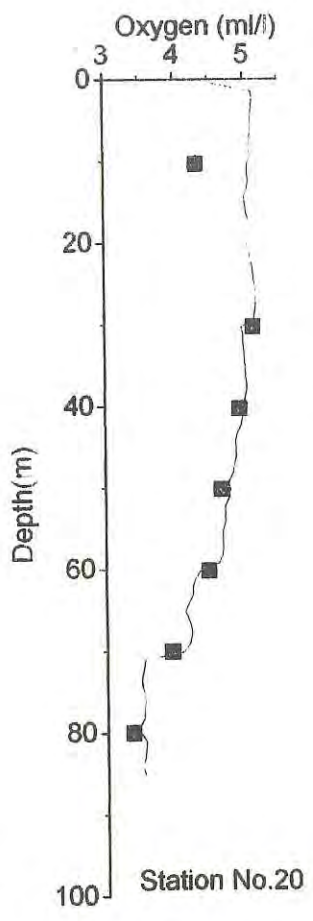
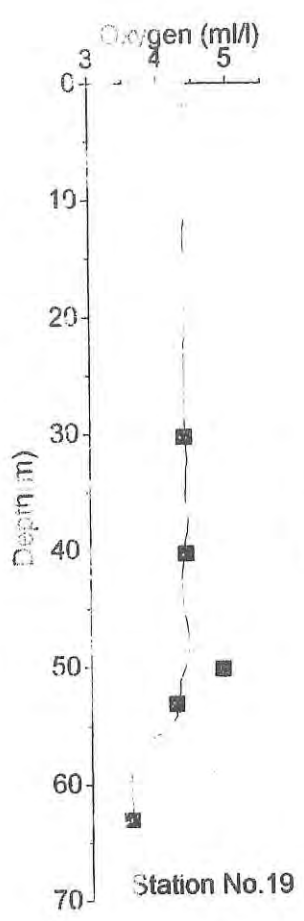
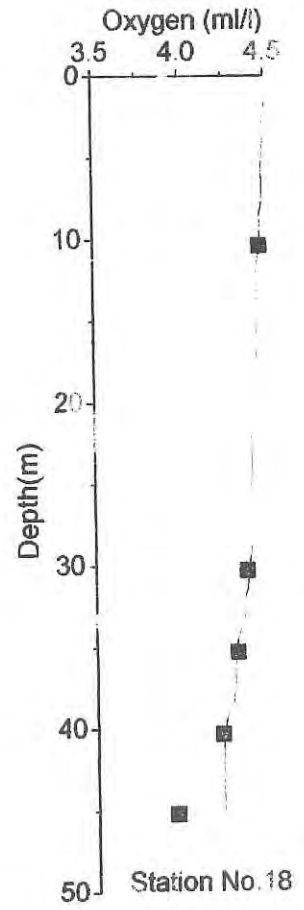
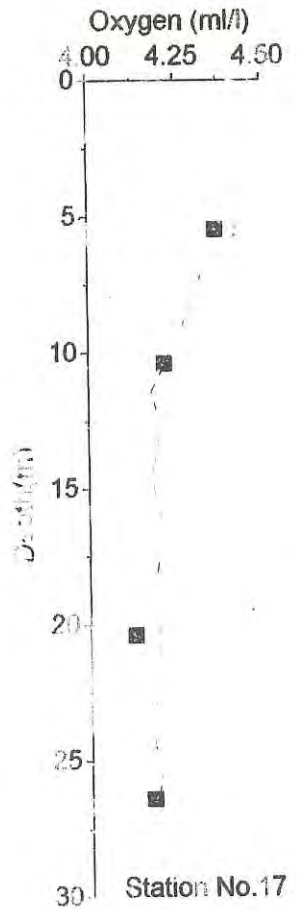
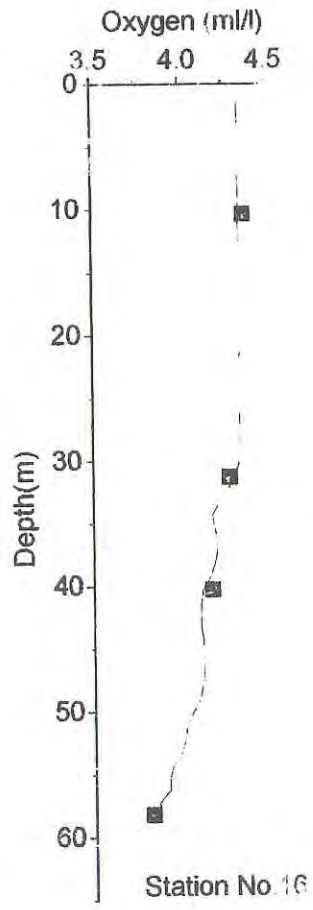
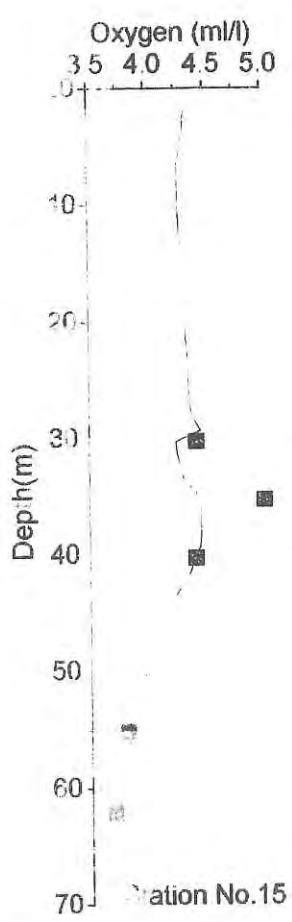


Profiles of oxygen

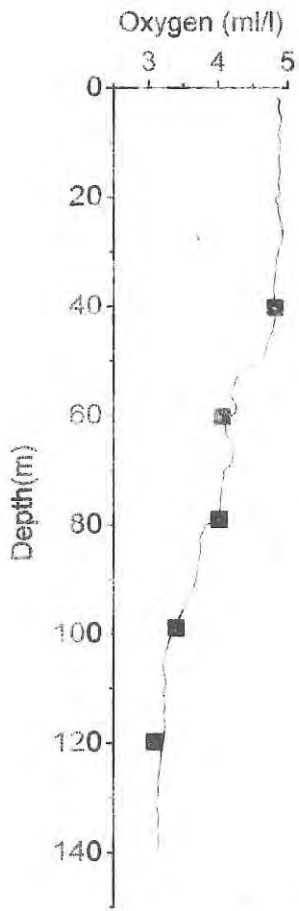




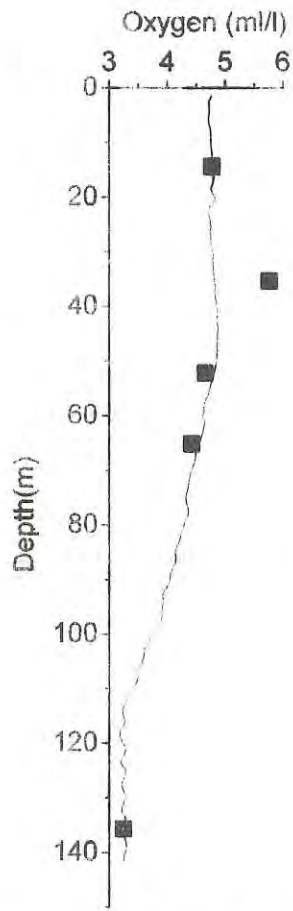
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 ■ Oxyg from titrat



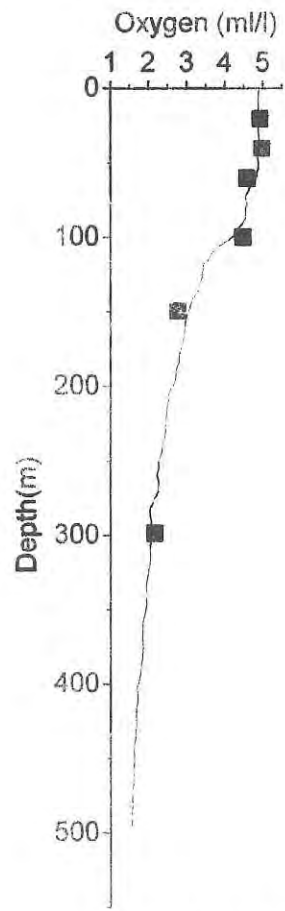
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 ■ Oxyg from titration



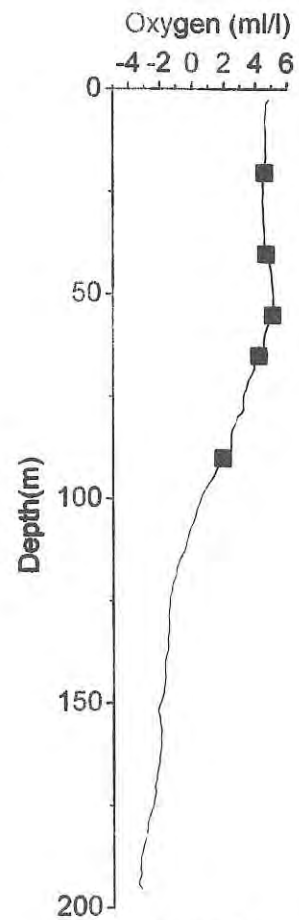
Station No.22



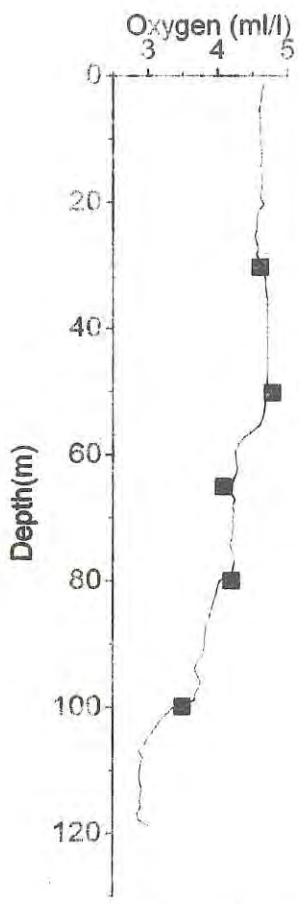
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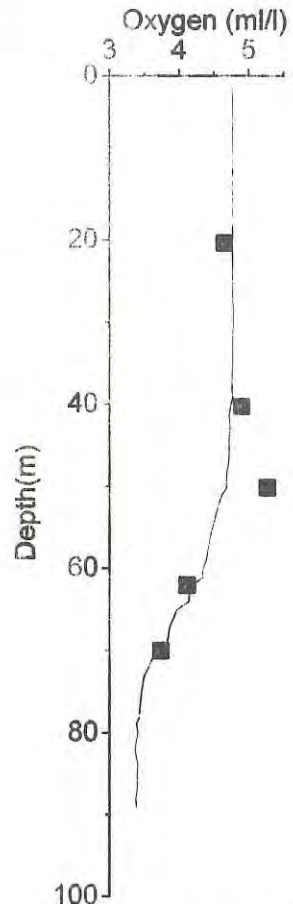
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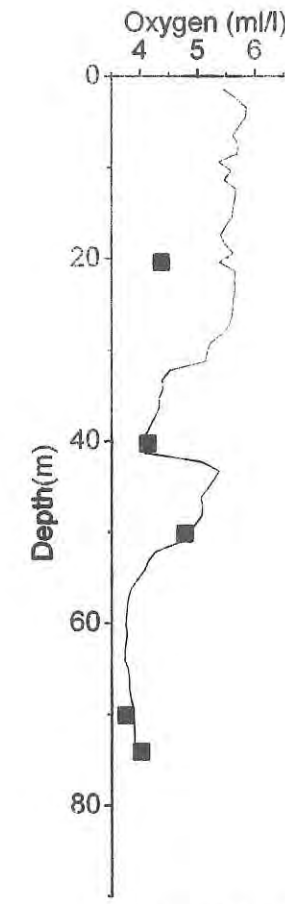
Station No.25



Station No.26

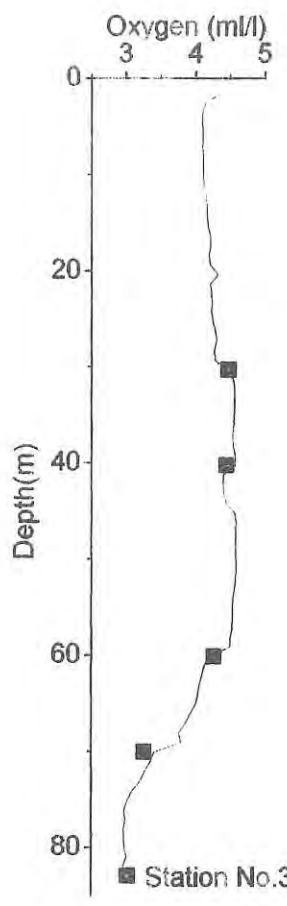
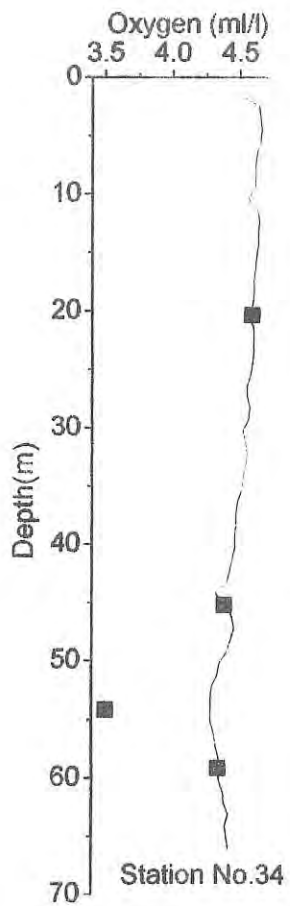
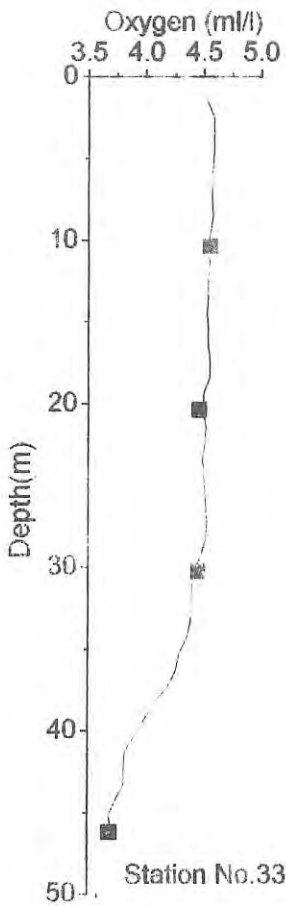
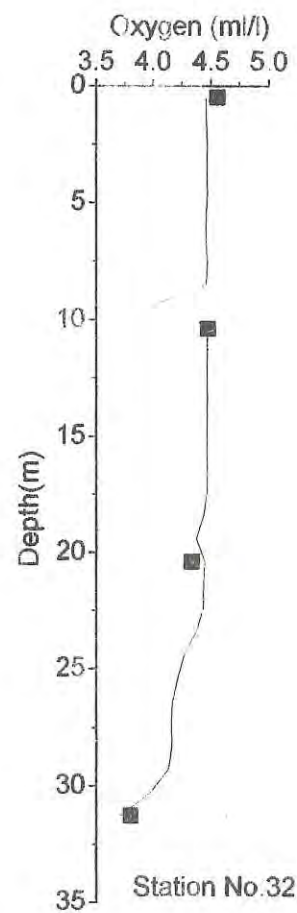
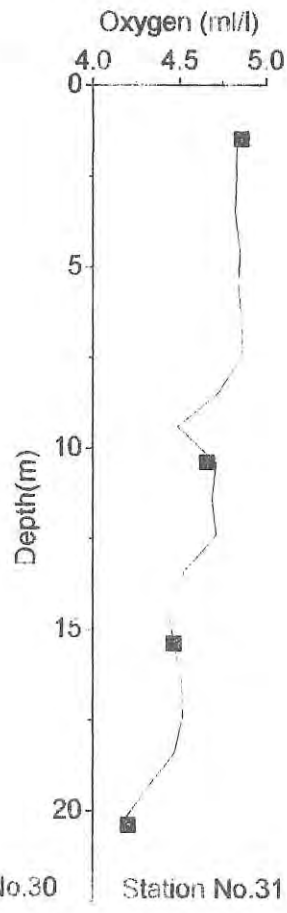
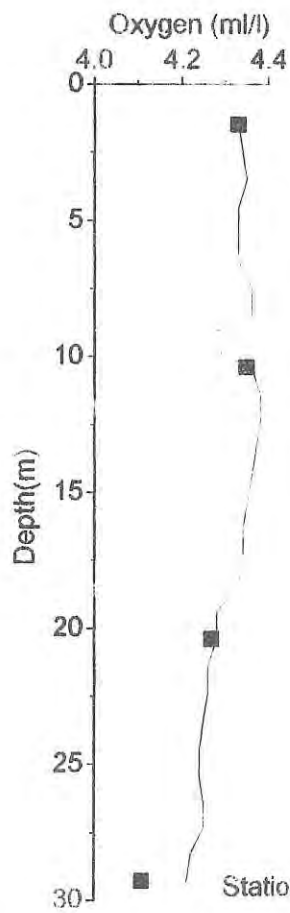
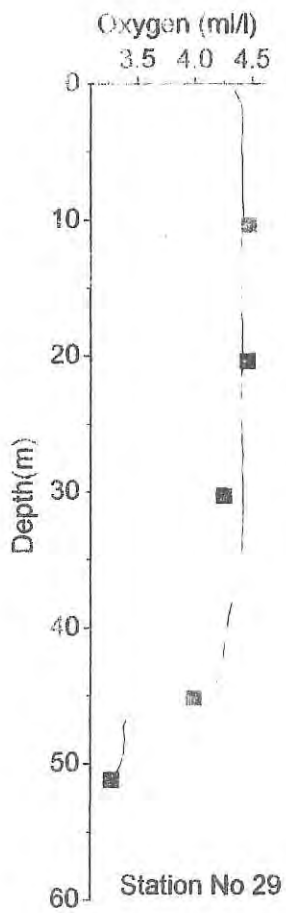


Station No.27

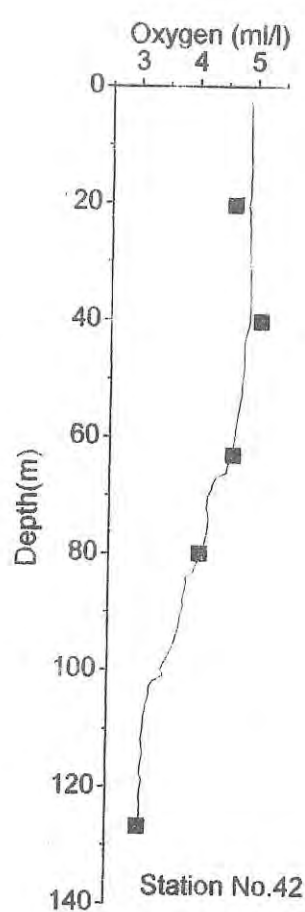
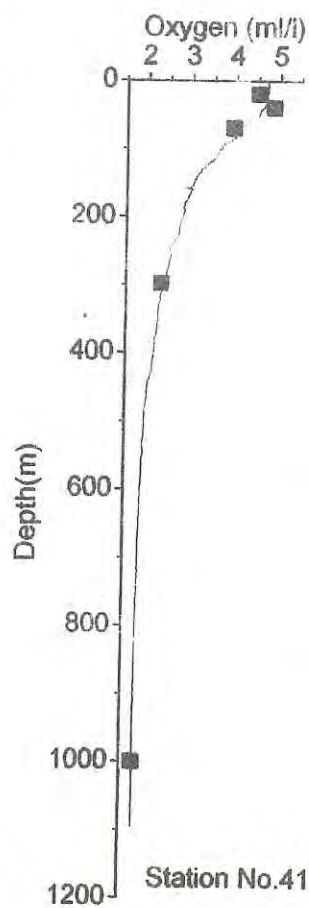
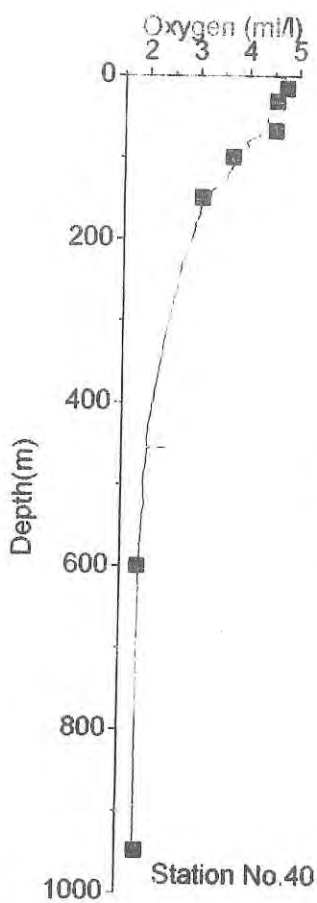
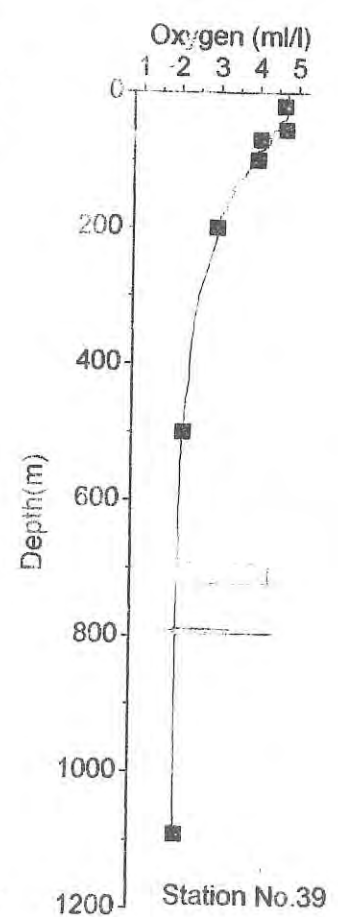
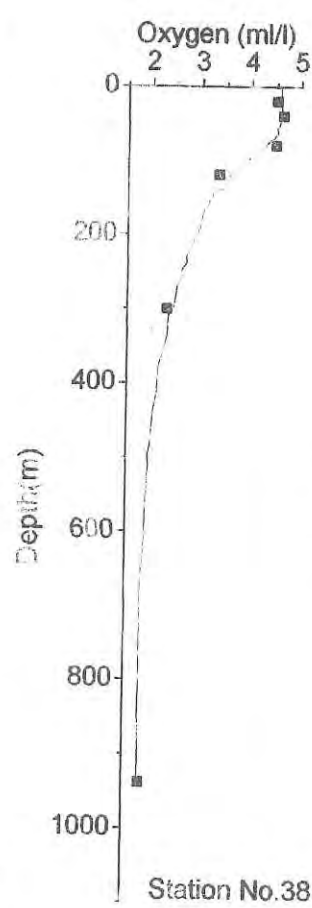
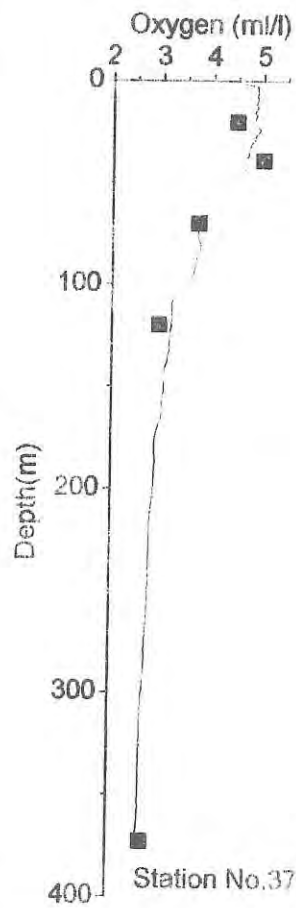
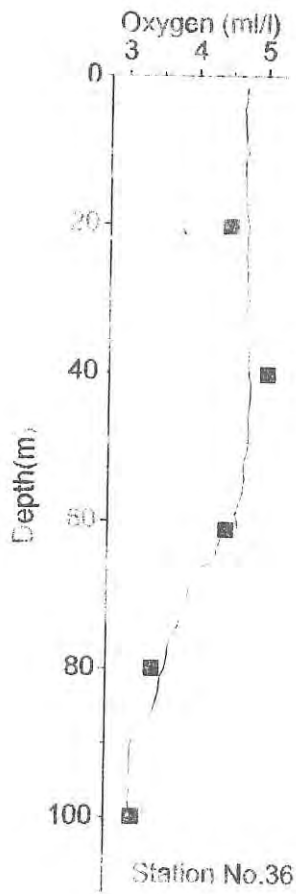


Station No.28

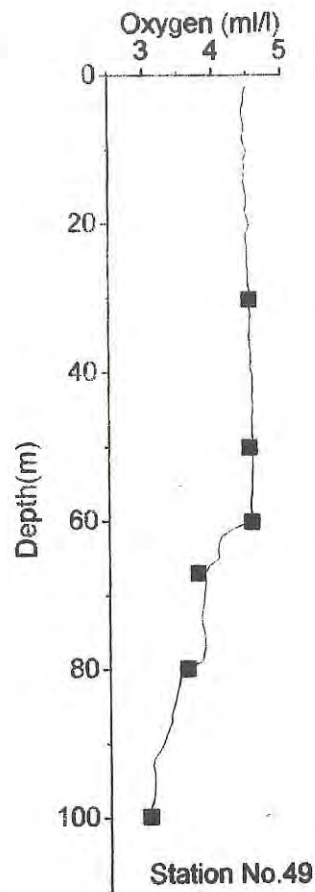
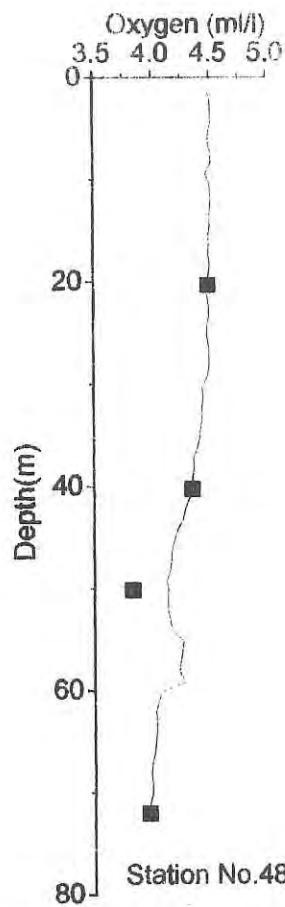
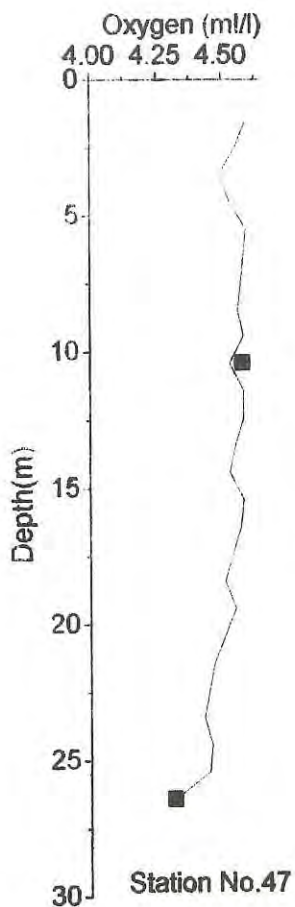
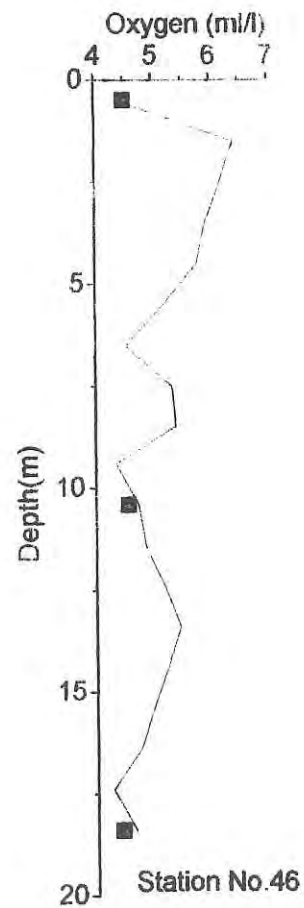
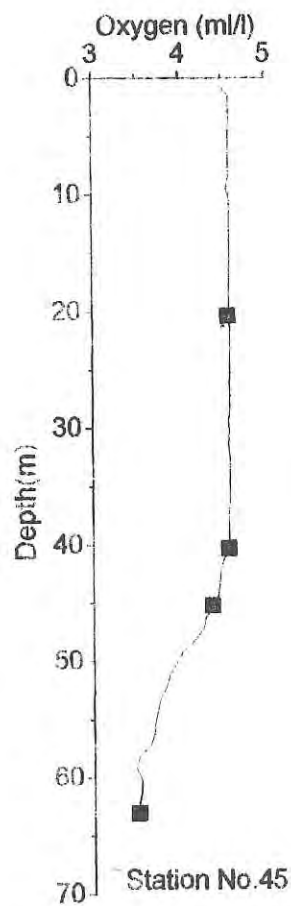
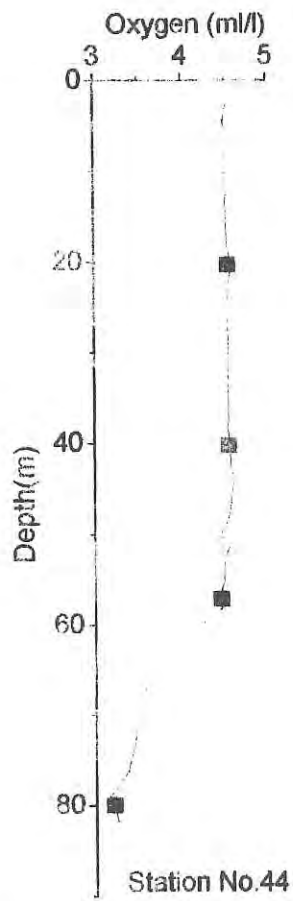
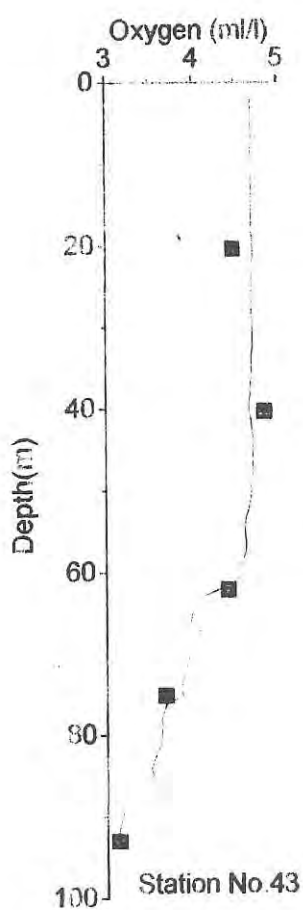
— Oxyg from CTD
 ■ Oxyg from titrat



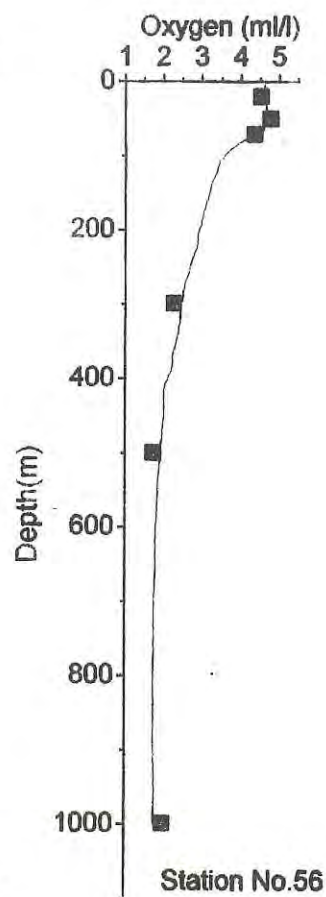
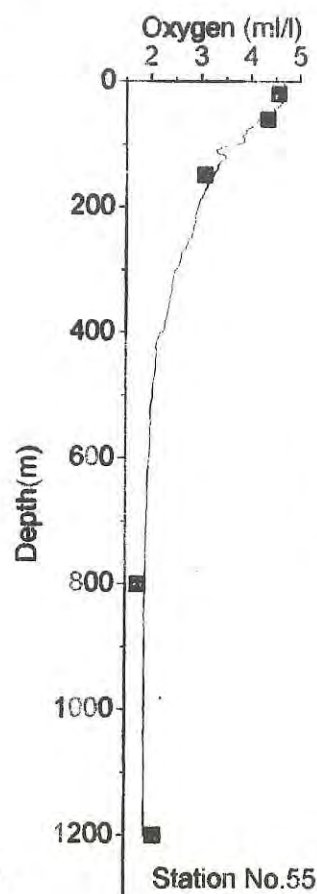
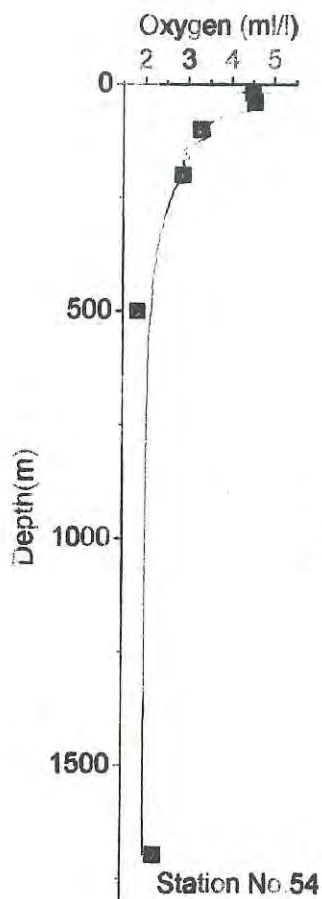
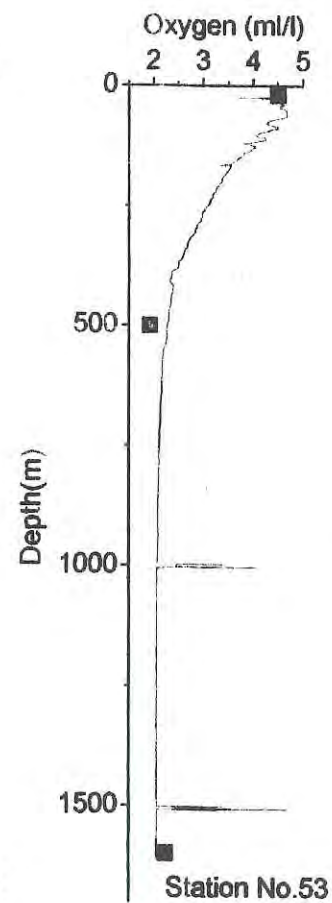
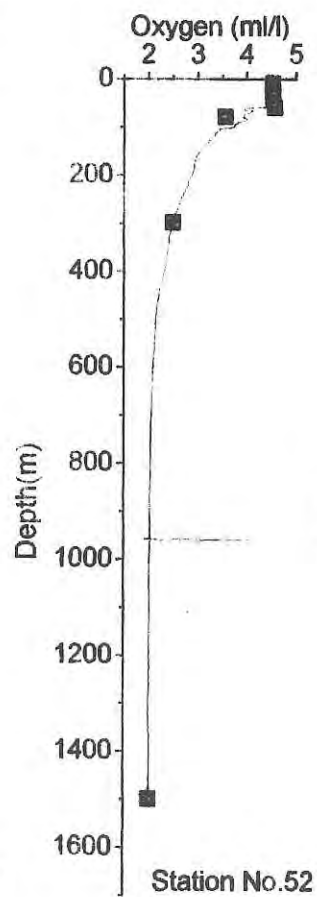
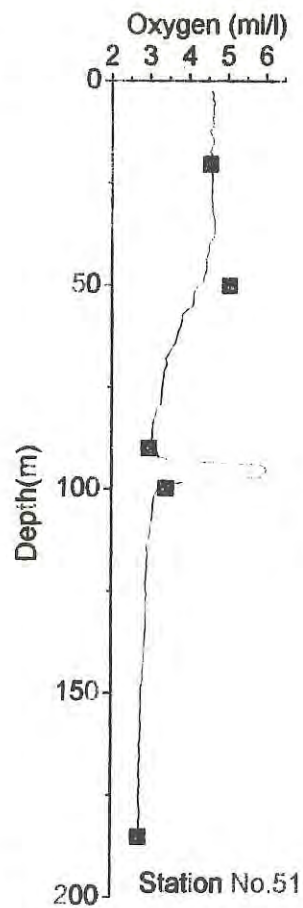
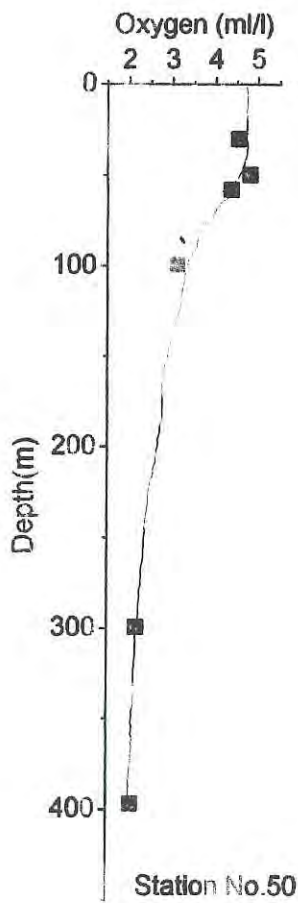
— Oxyg from CTD
 ■ Oxyg from titration



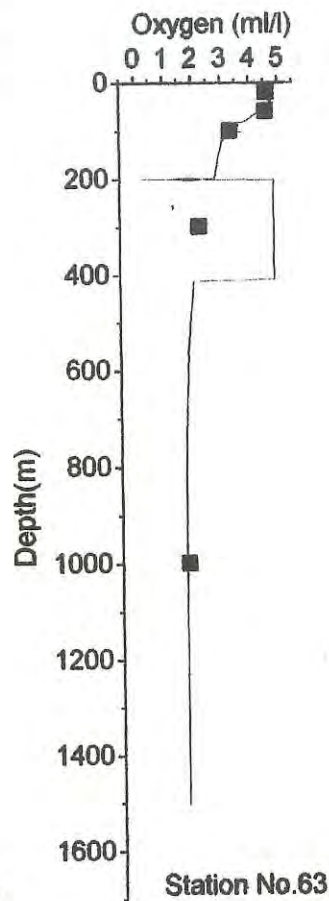
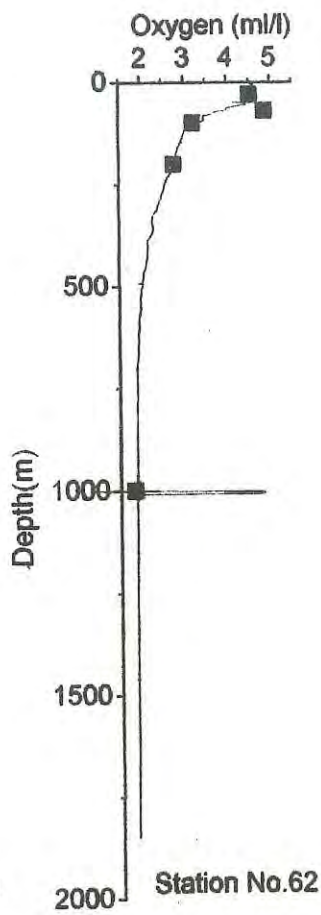
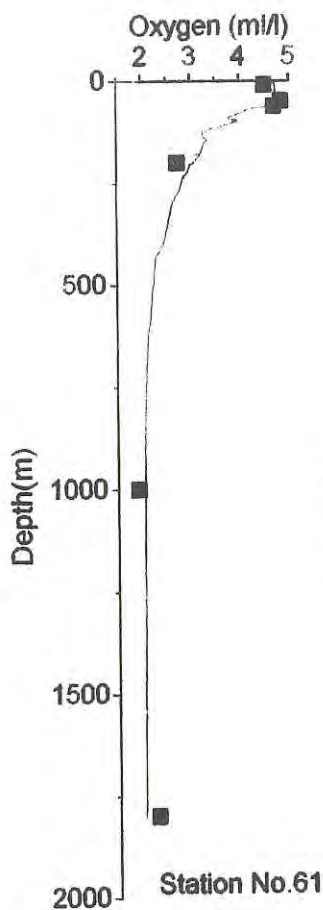
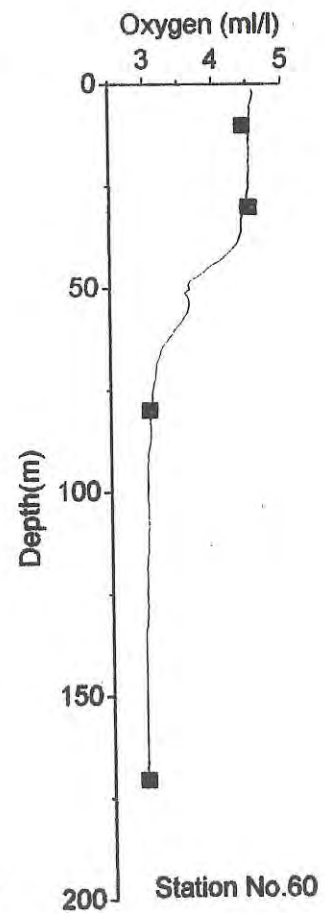
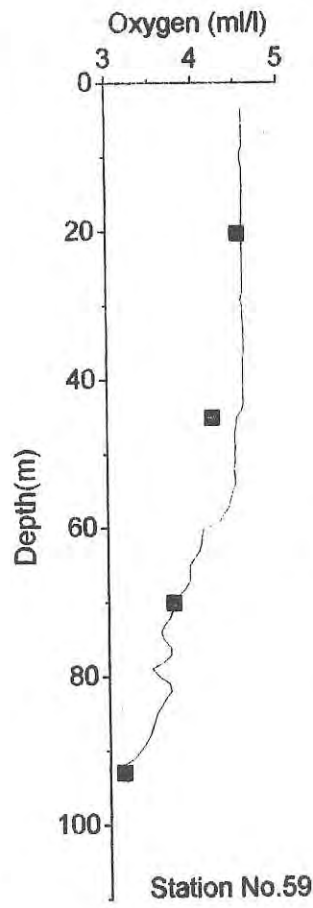
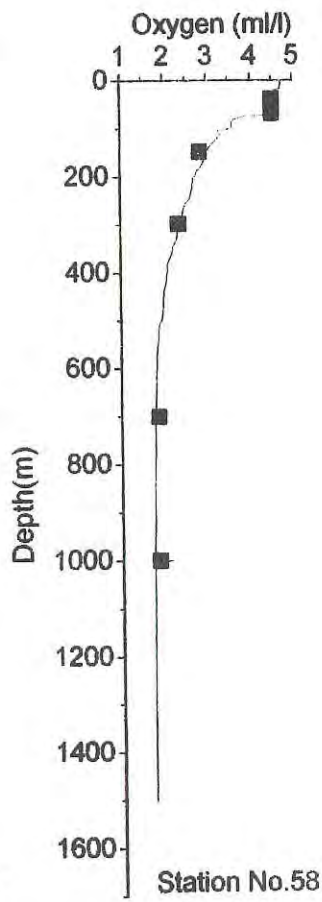
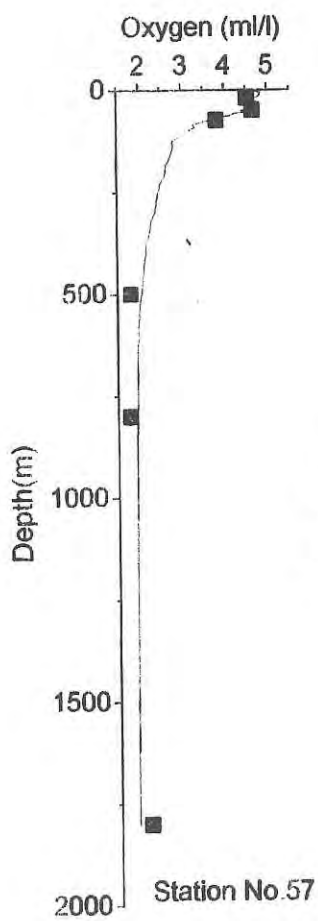
— Oxyg from CTD
 ■ Oxyg from titration



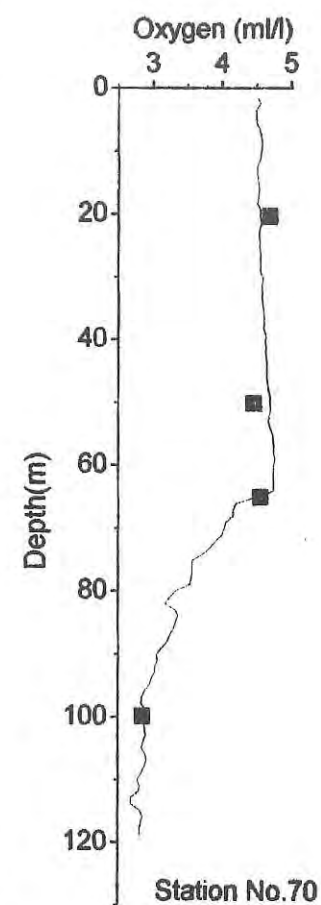
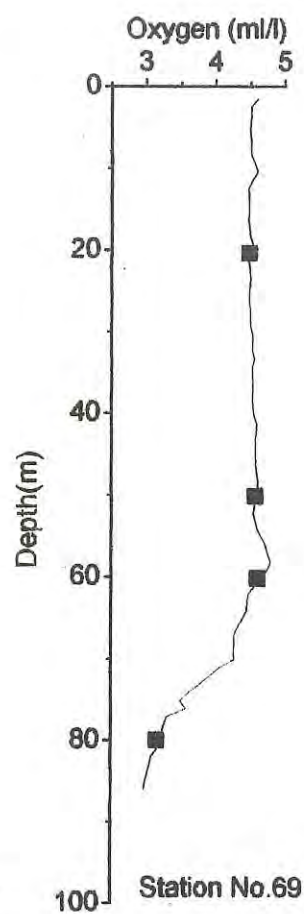
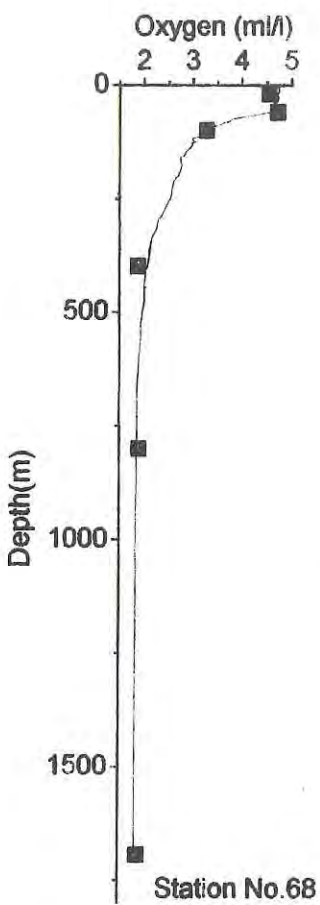
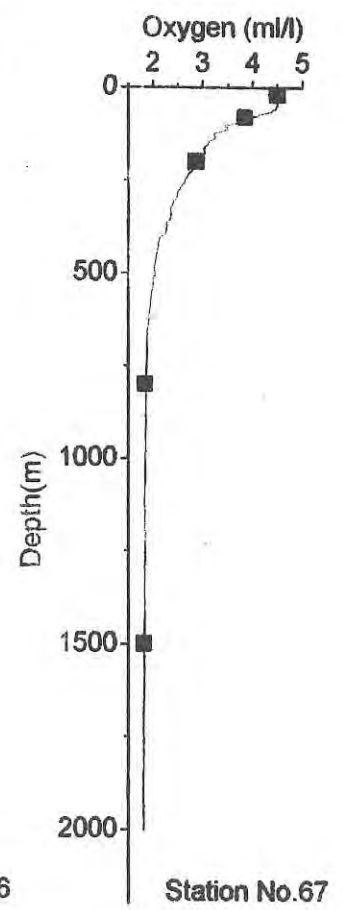
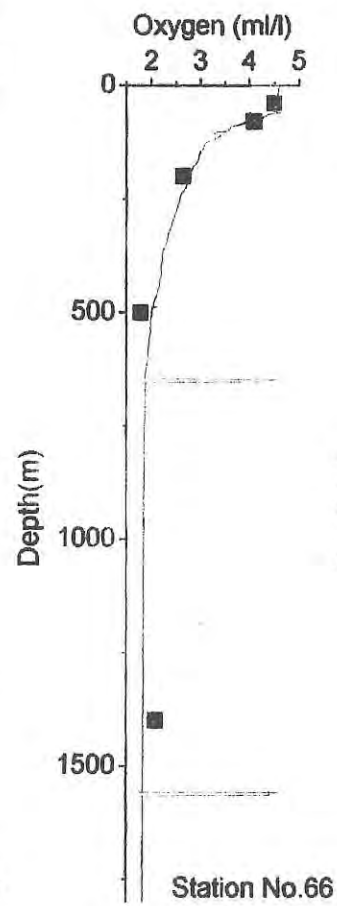
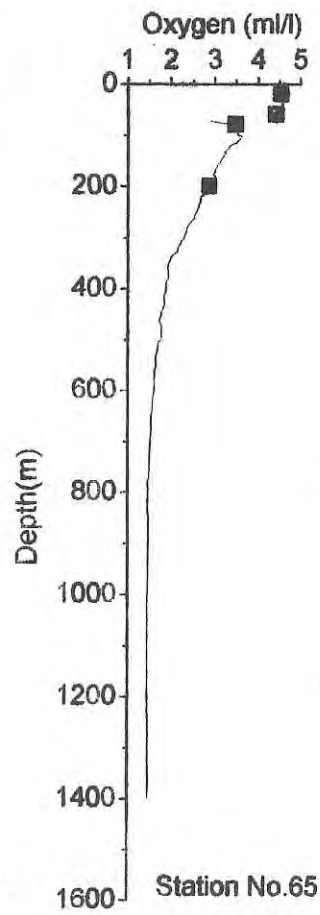
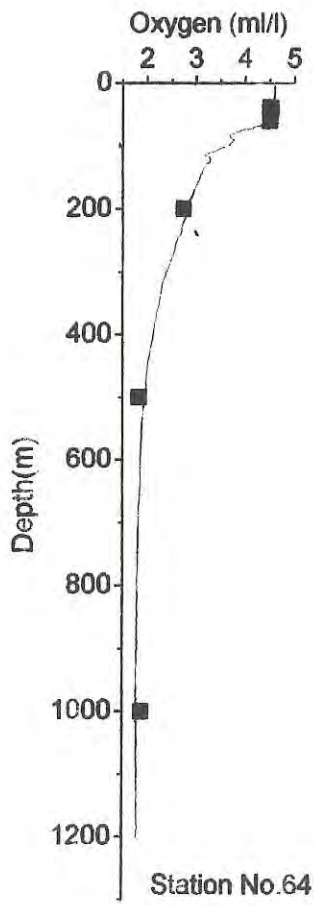
— Oxyg from CTD
 ■ Oxyg from titration



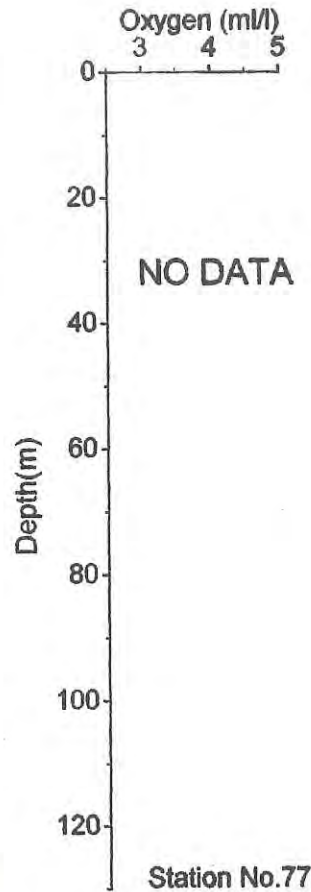
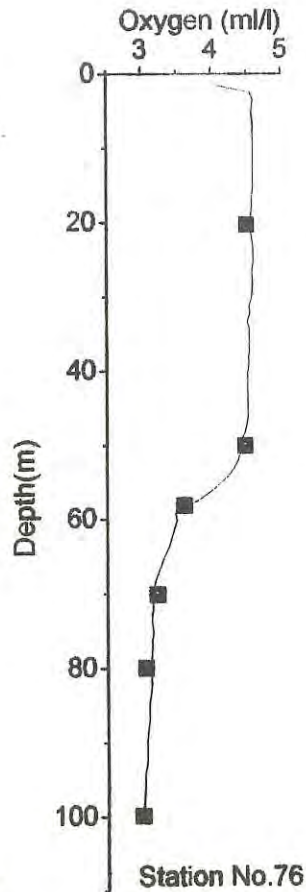
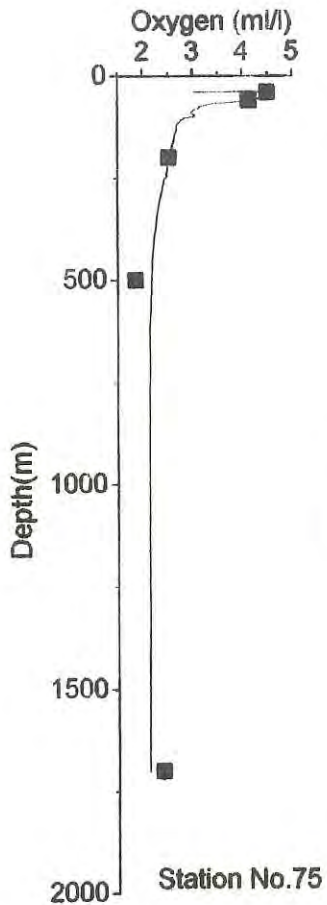
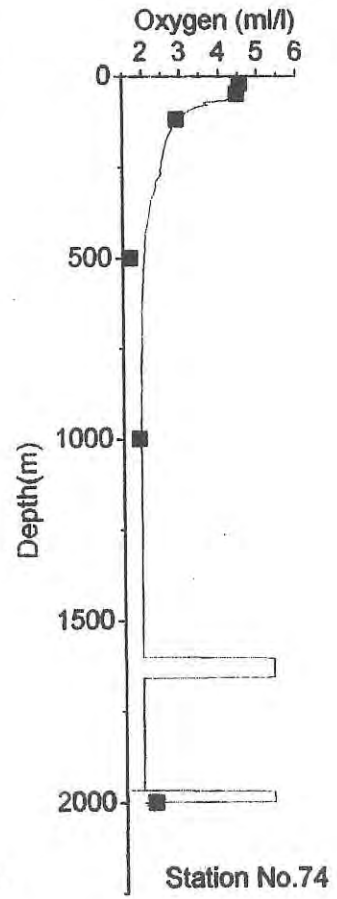
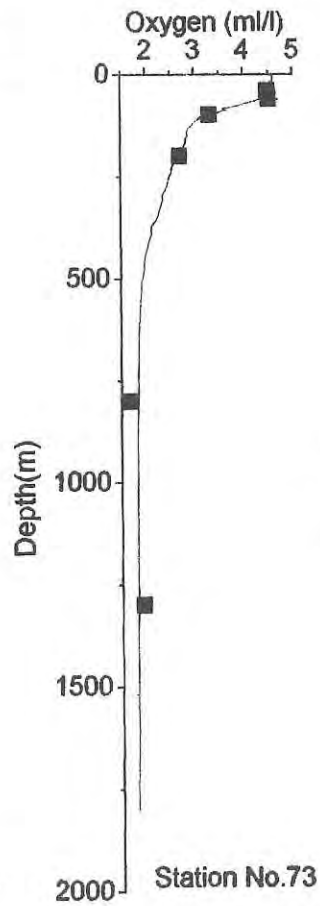
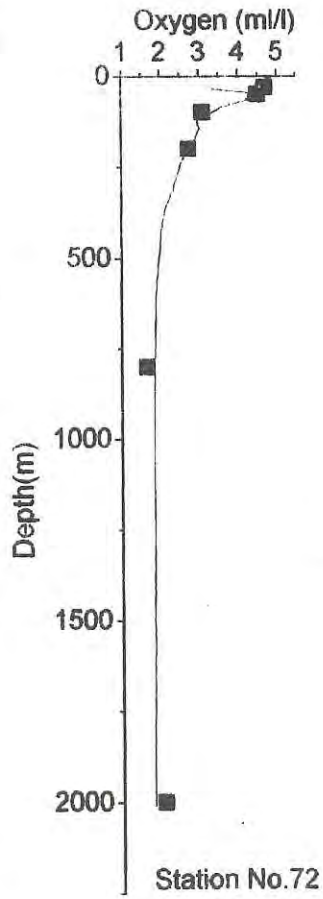
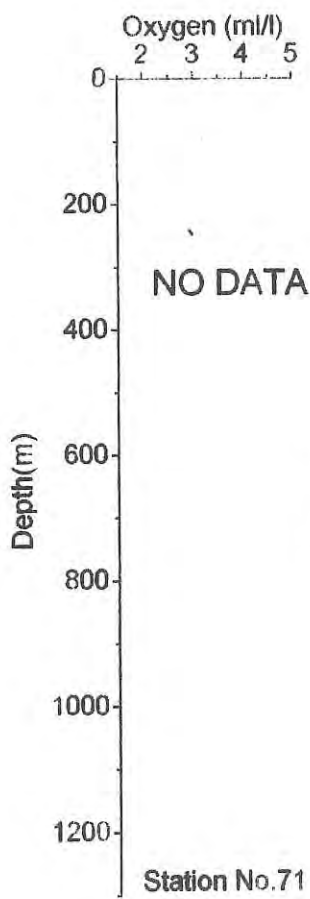
— Oxyg from CTD
■ Oxyg from titrat



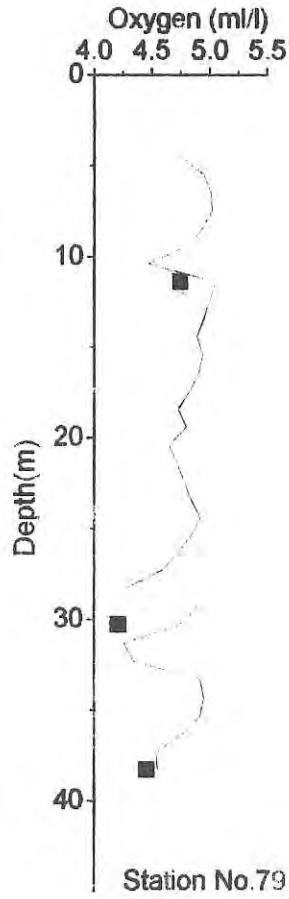
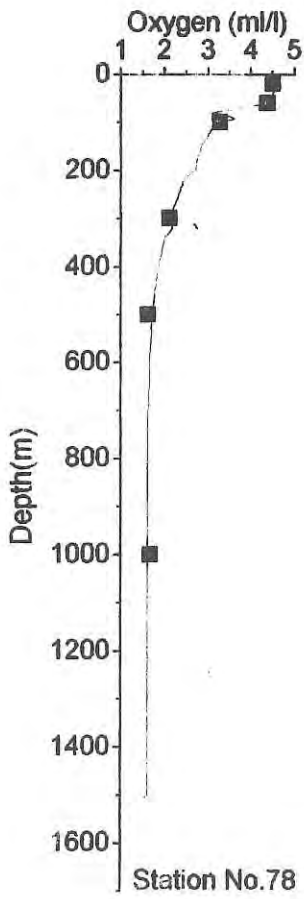
— Oxyg from CTD
 ■ Oxyg from titration



— Oxyg from CTD
 ■ Oxyg from titrat

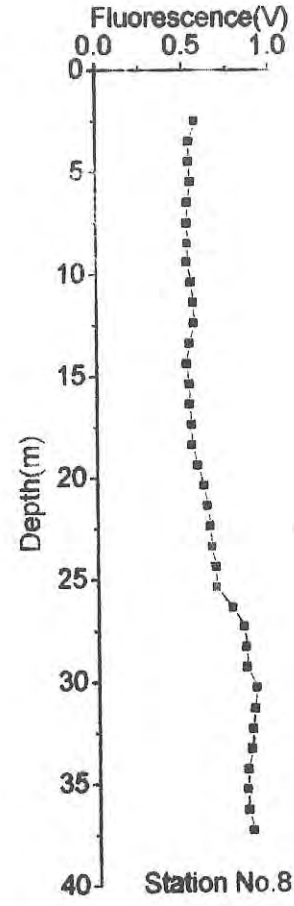
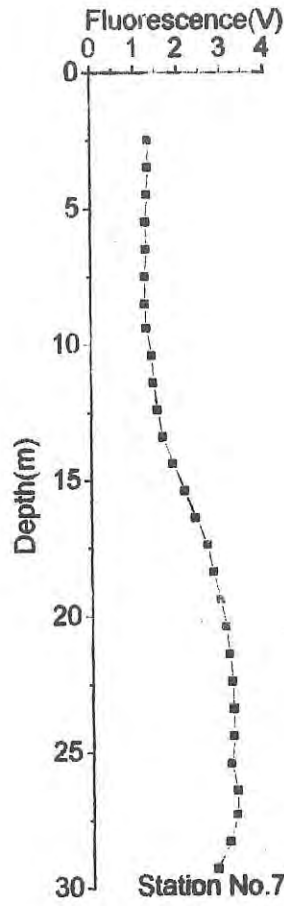
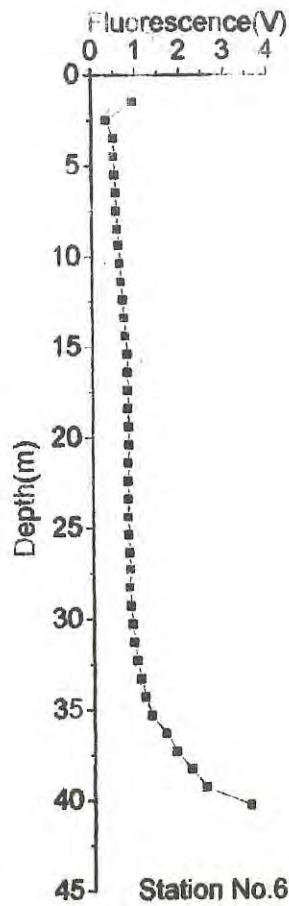
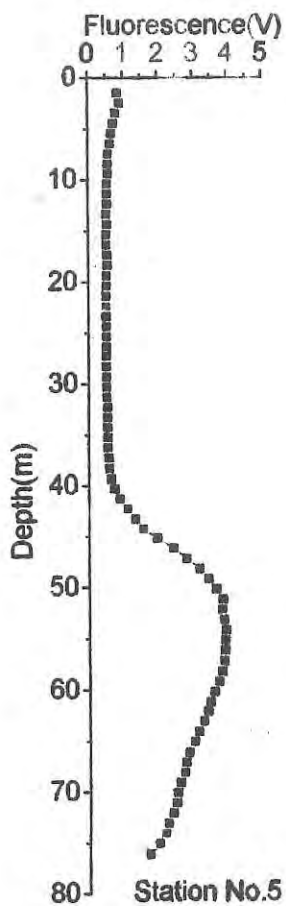
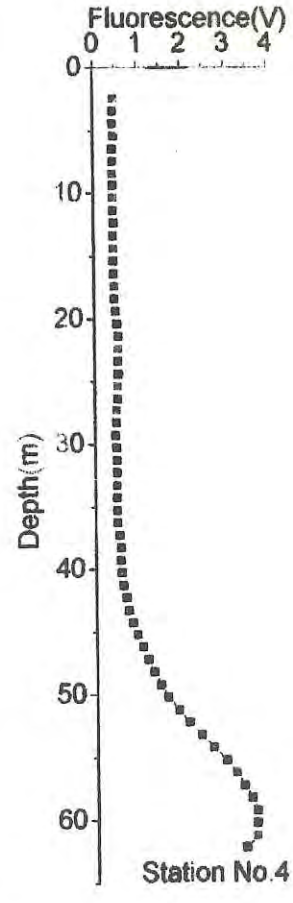
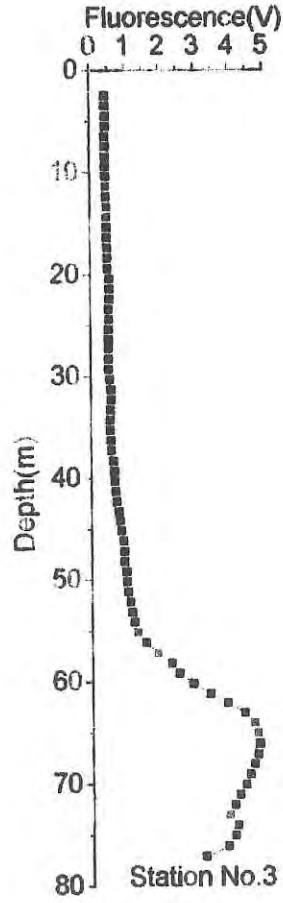
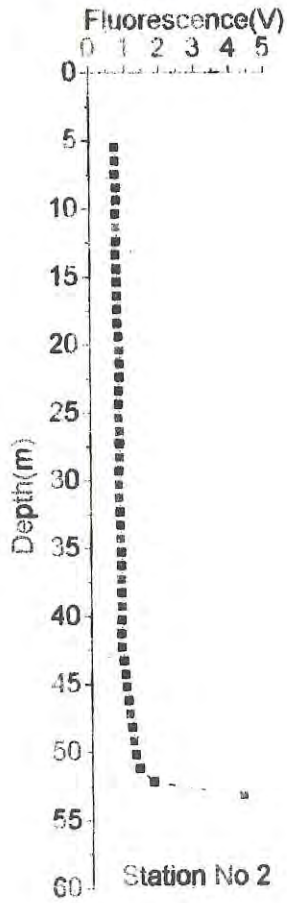
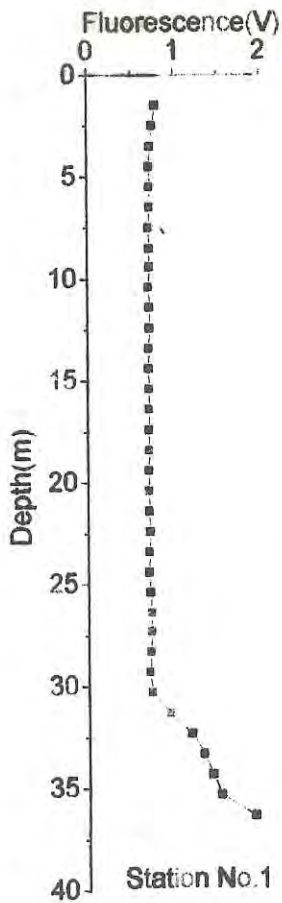


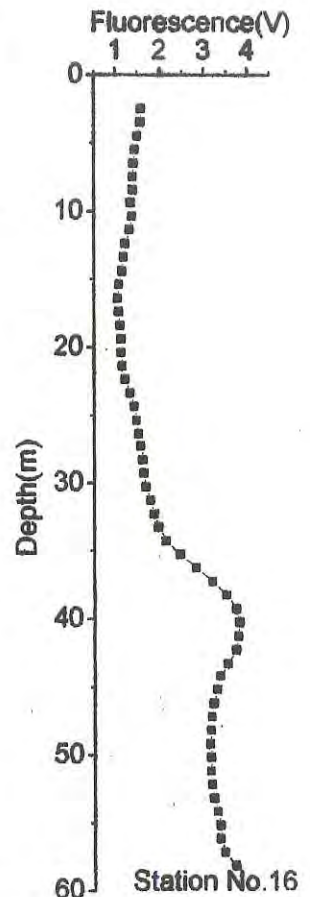
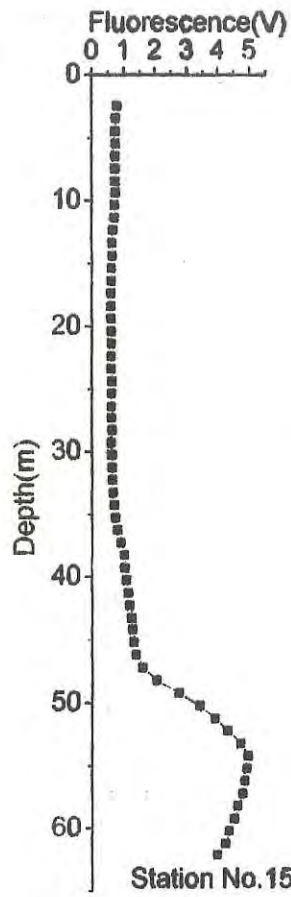
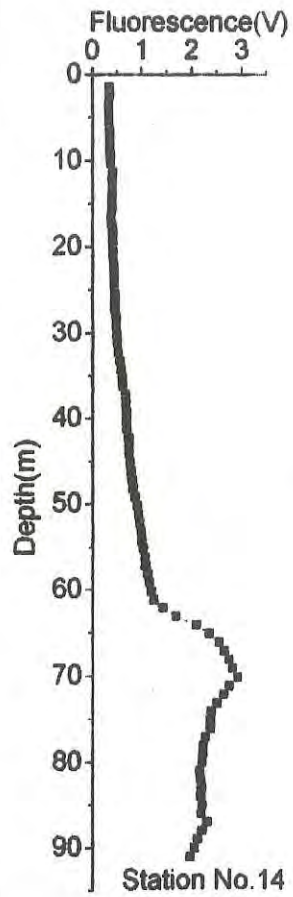
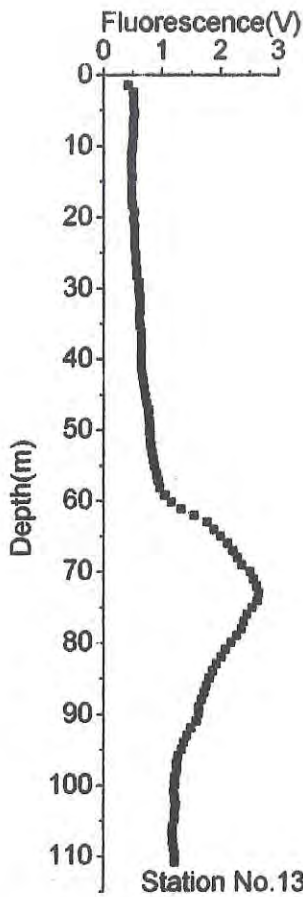
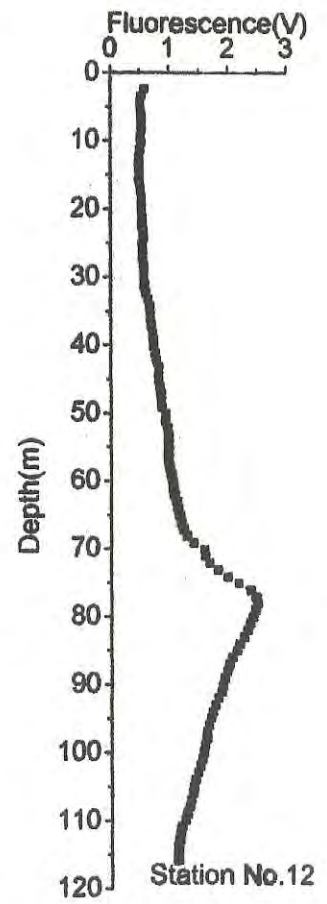
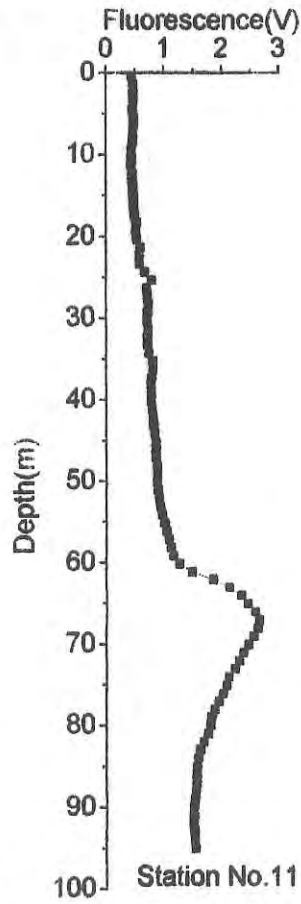
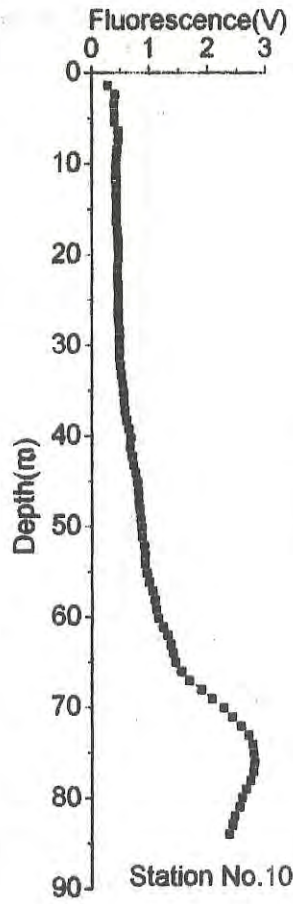
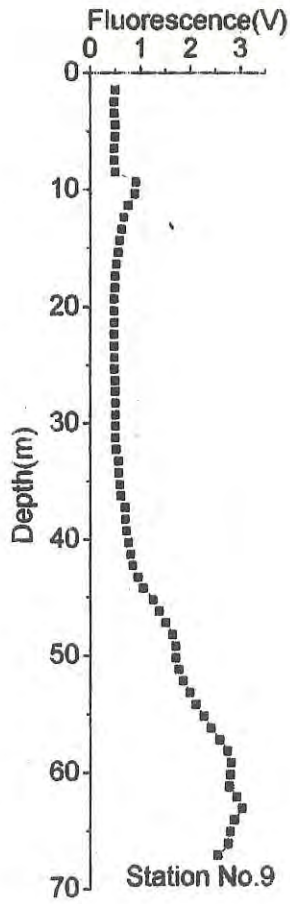
— Oxyg from CTD
 ■ Oxyg from titration

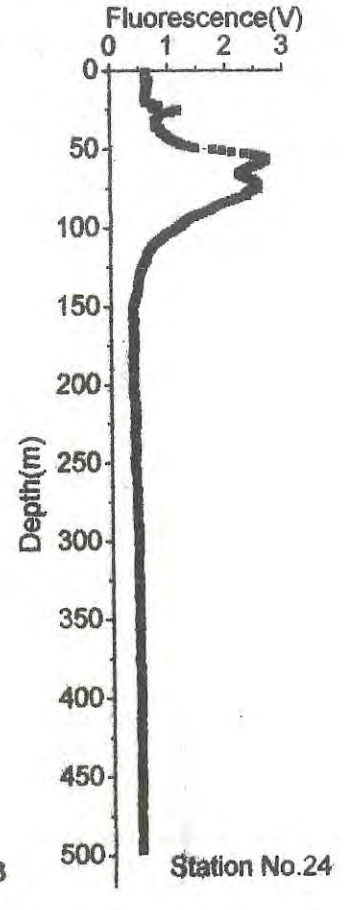
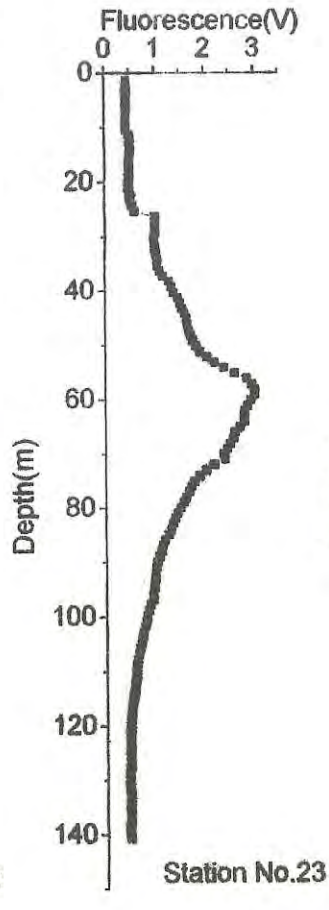
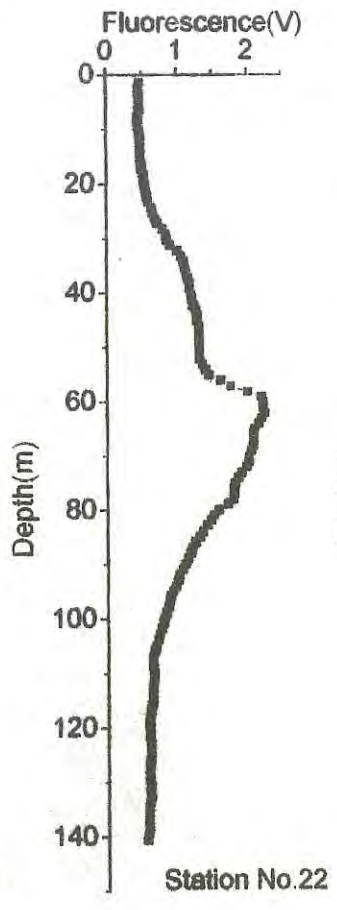
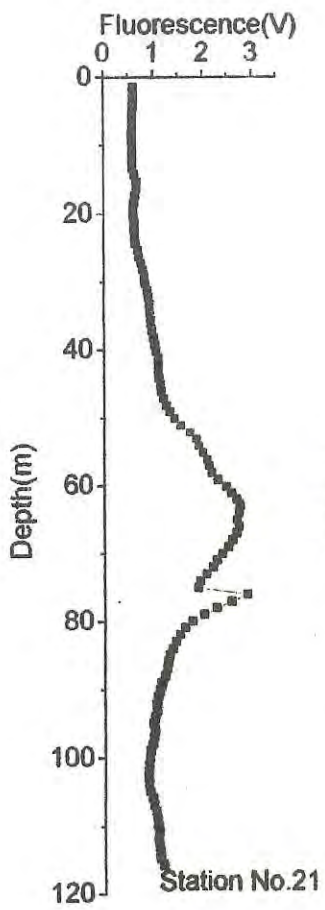
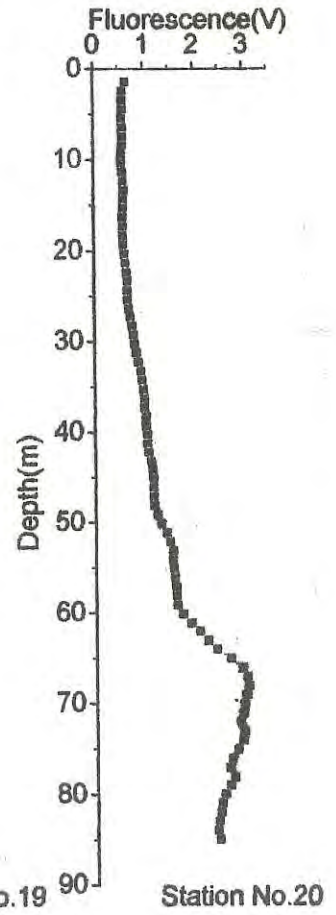
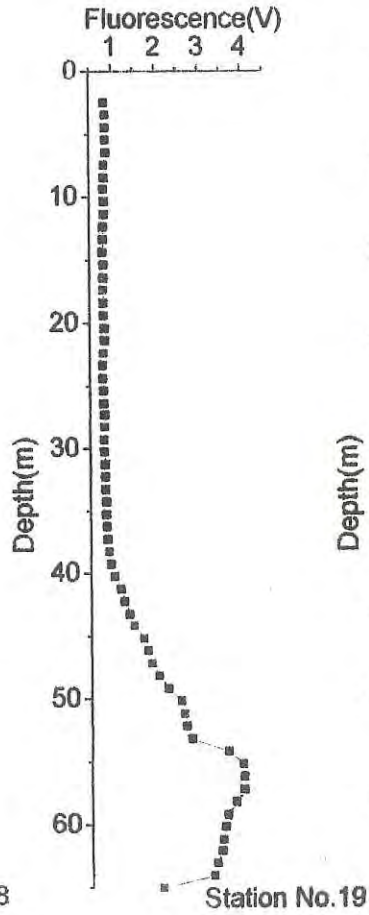
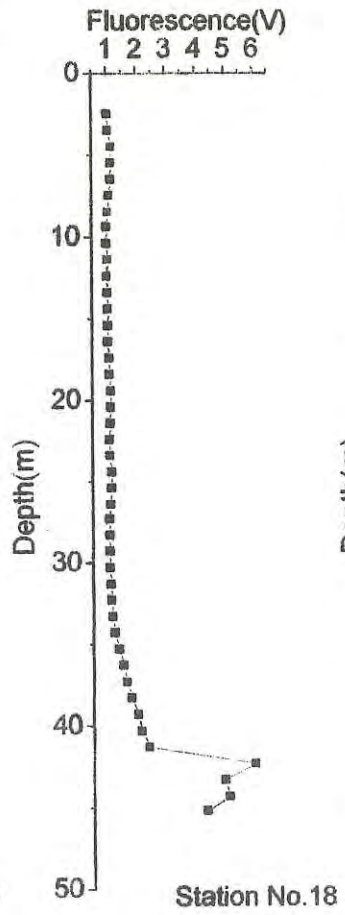
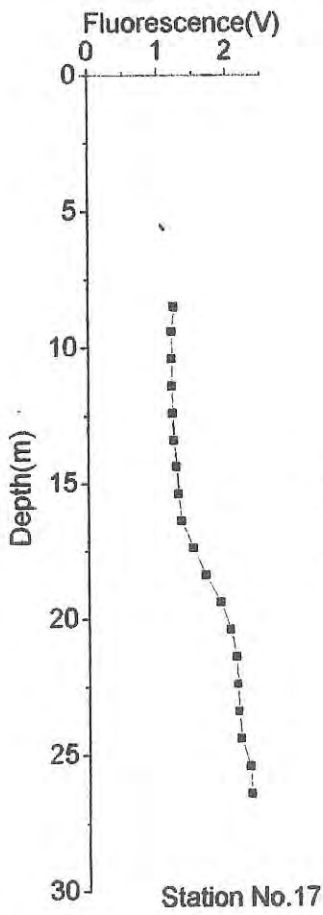


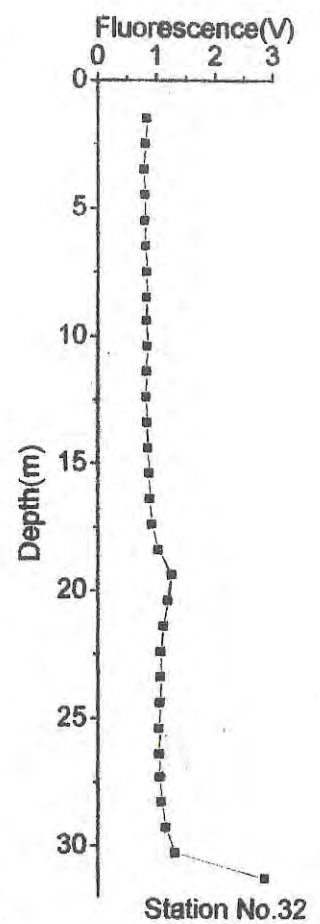
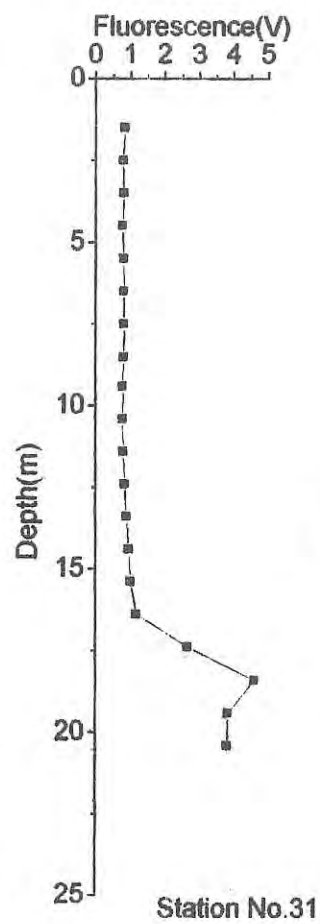
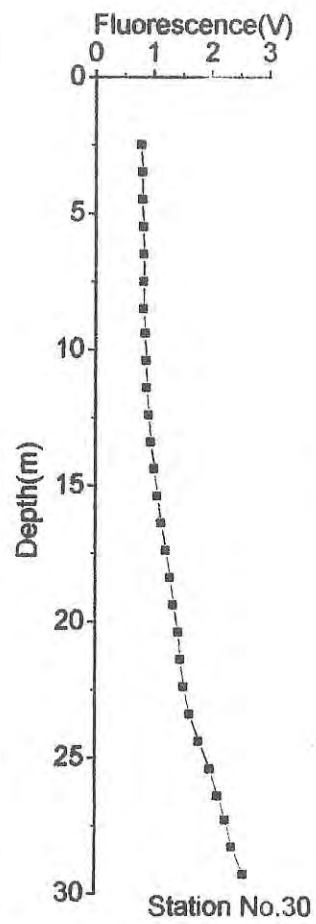
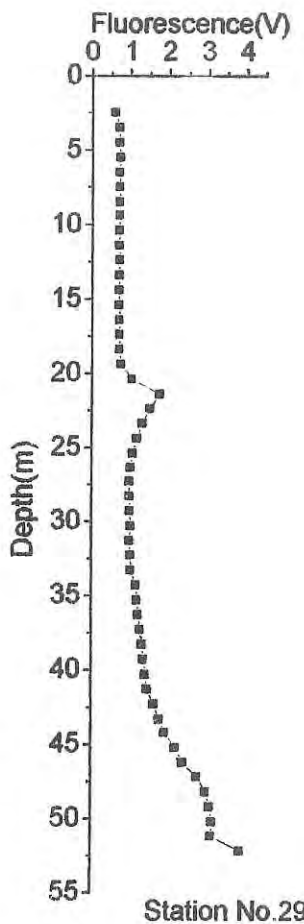
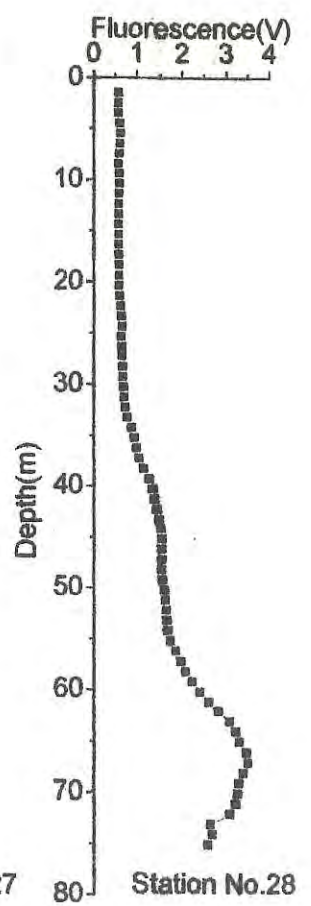
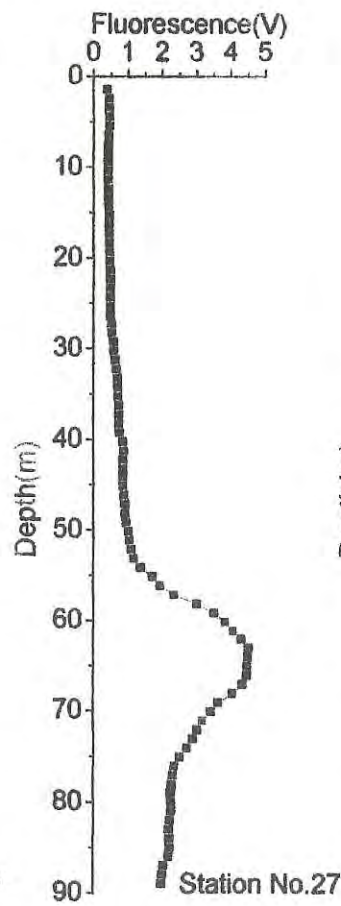
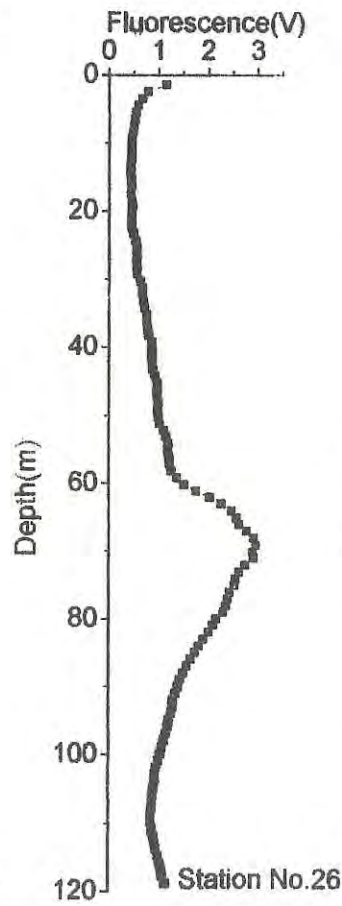
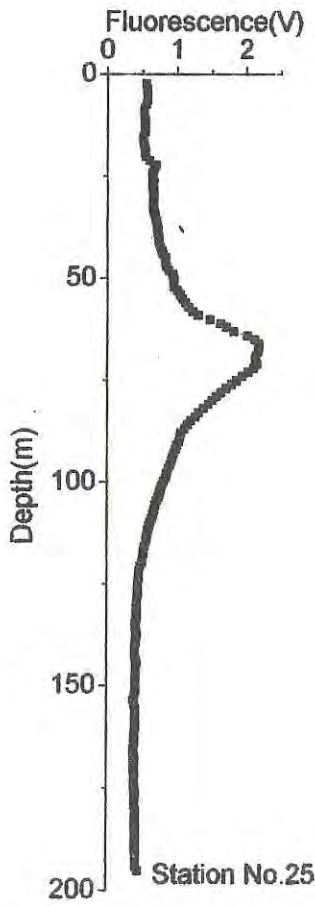
— Oxyg from CTD
 ■ Oxyg from titratk

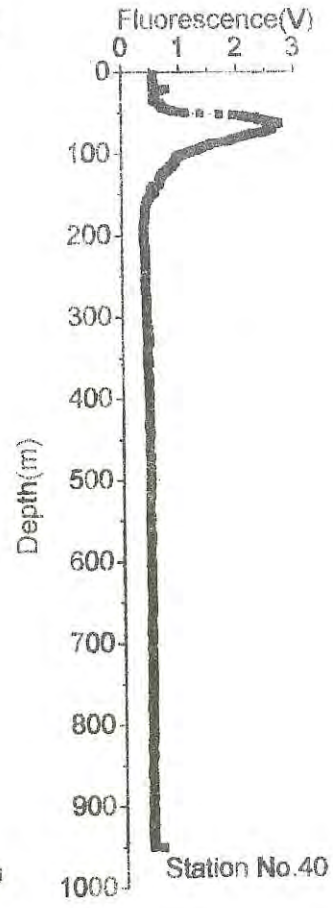
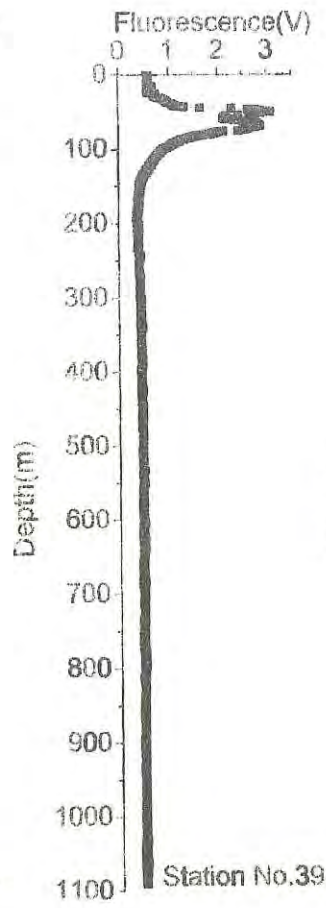
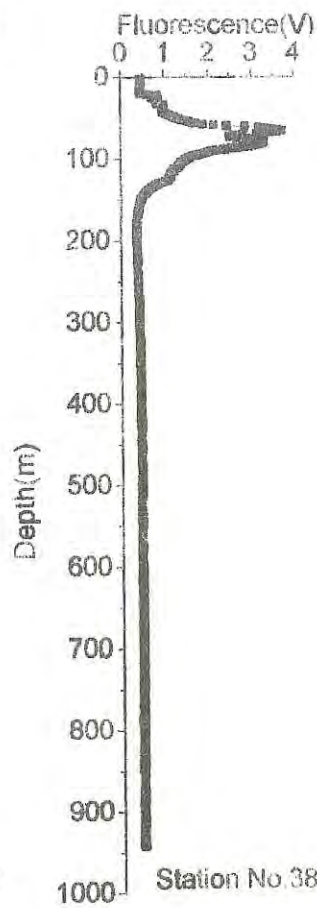
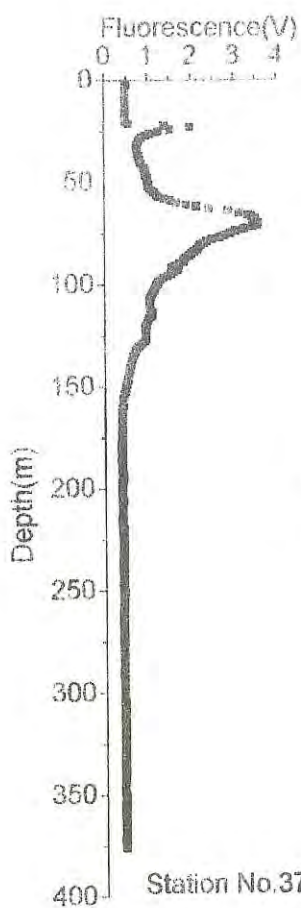
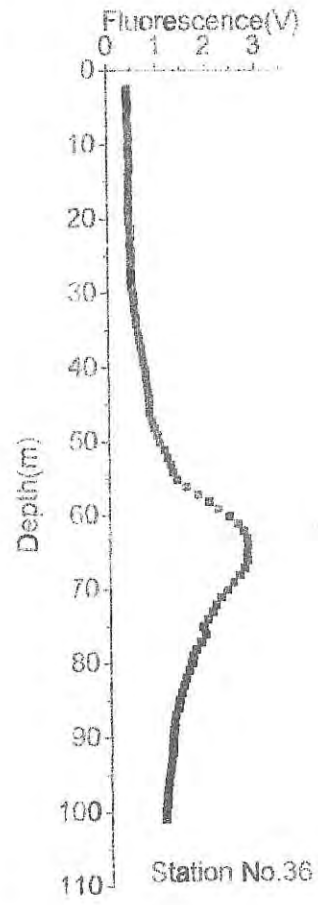
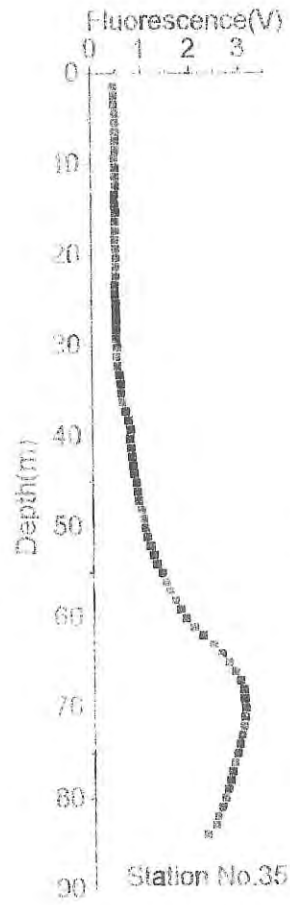
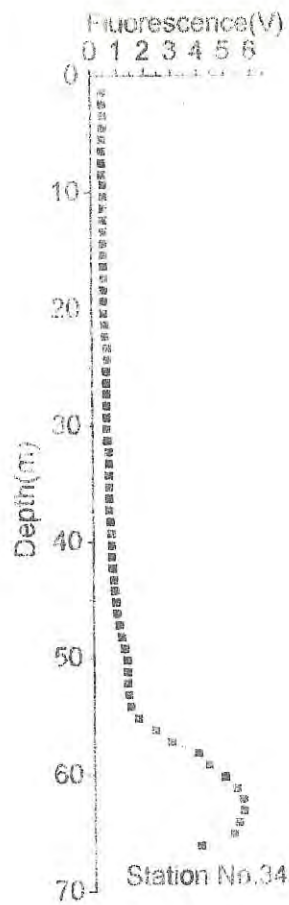
Profile of Fluorescence

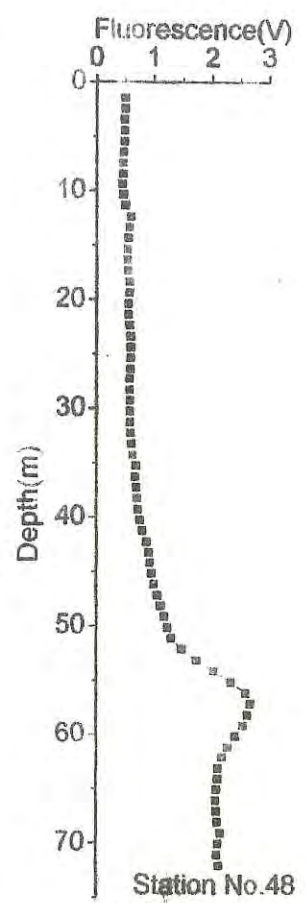
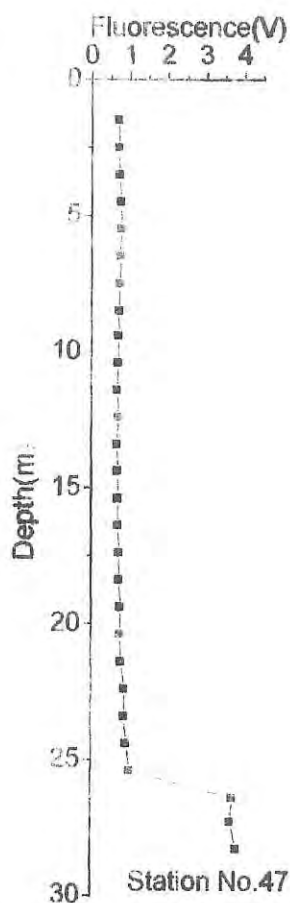
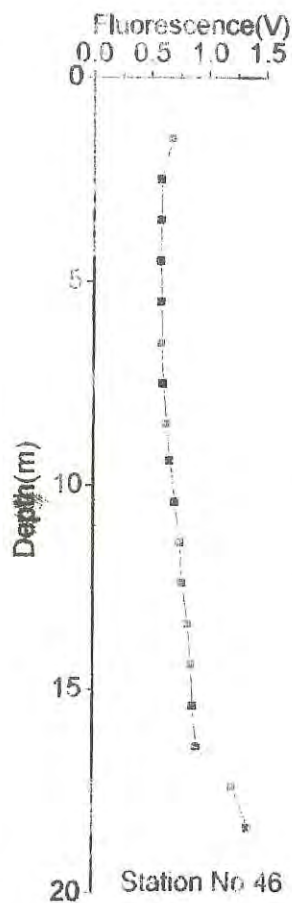
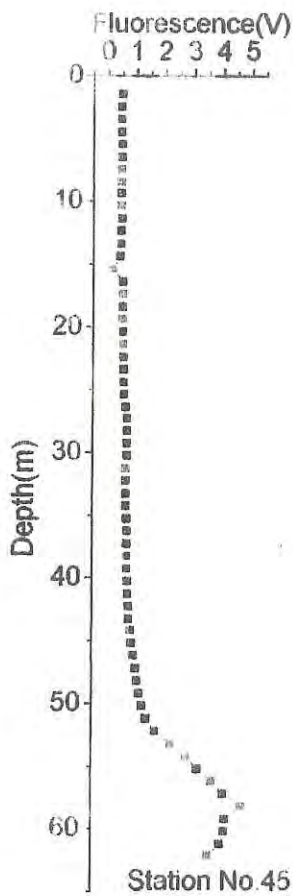
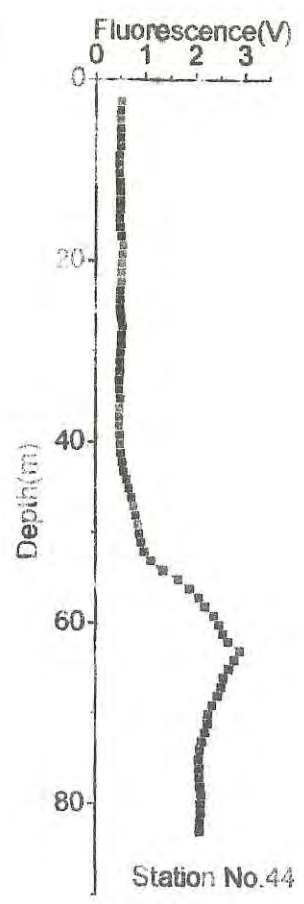
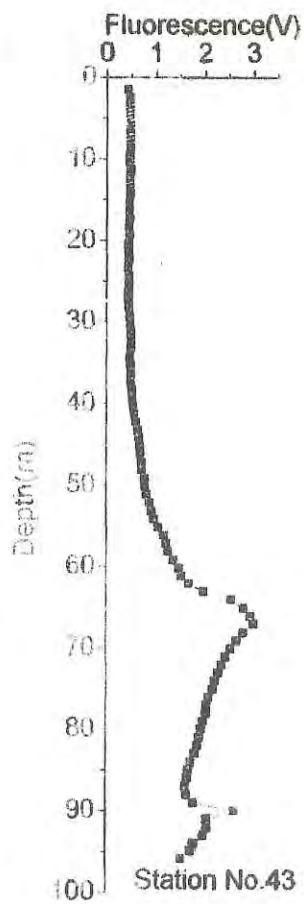
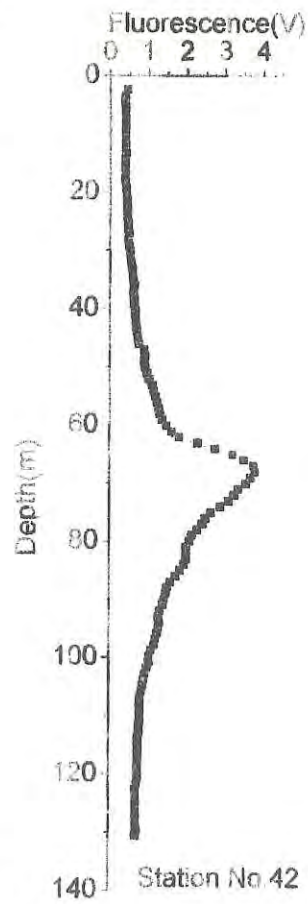
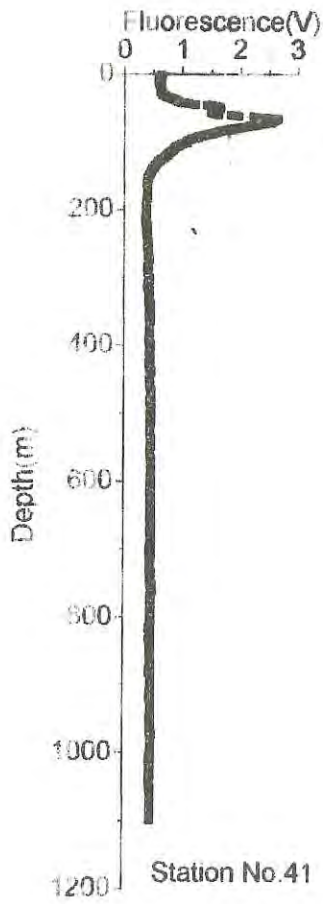


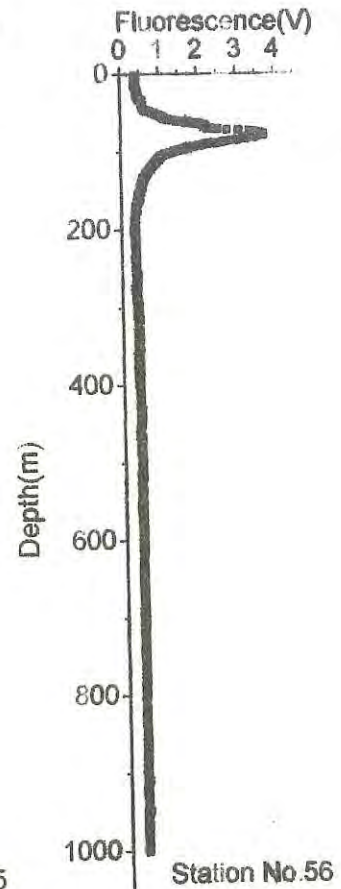
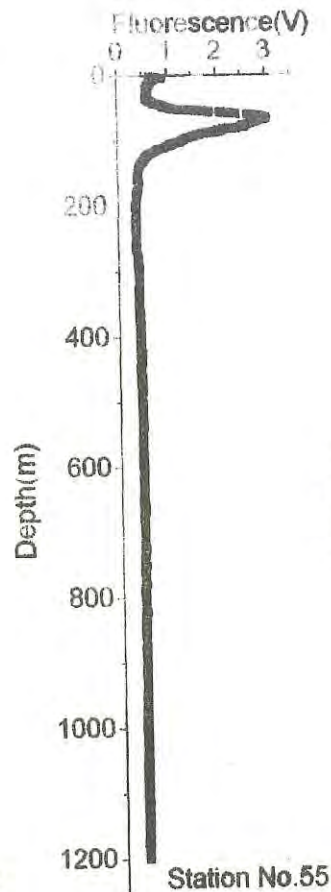
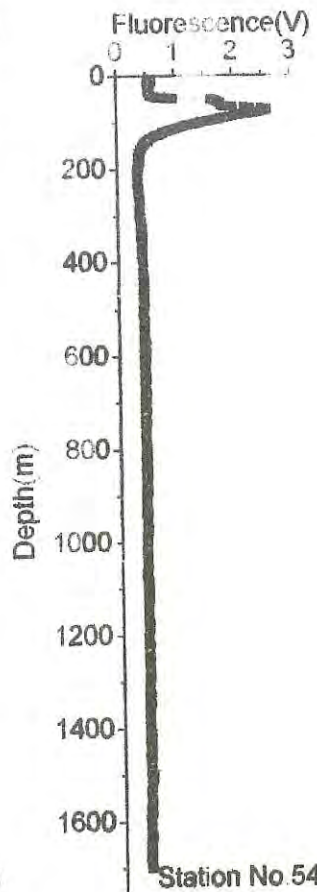
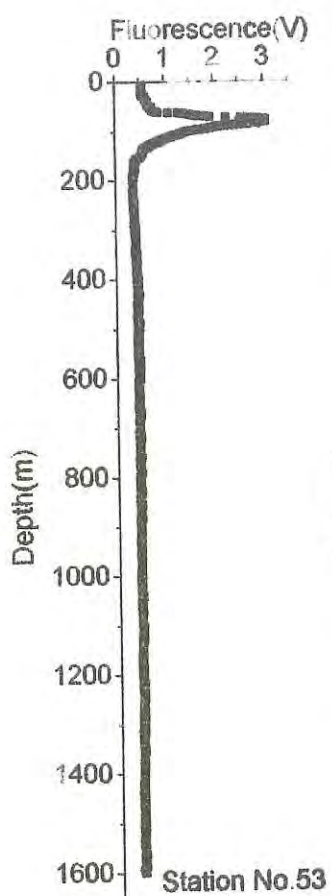
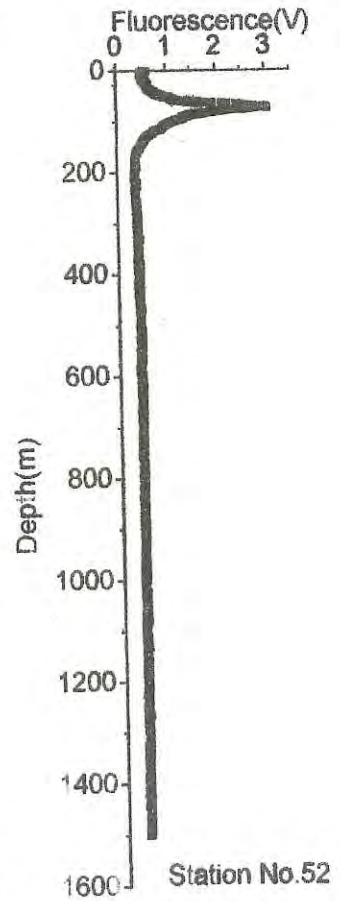
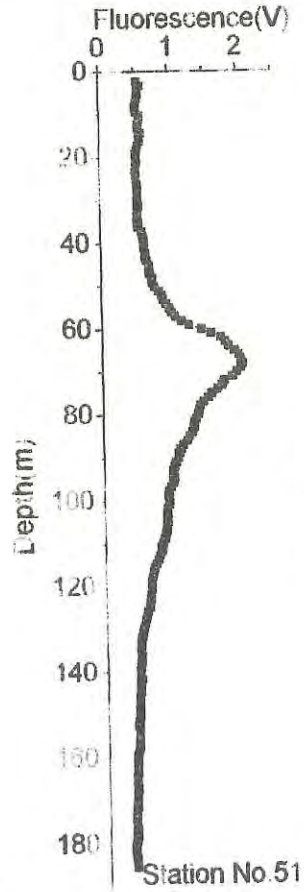
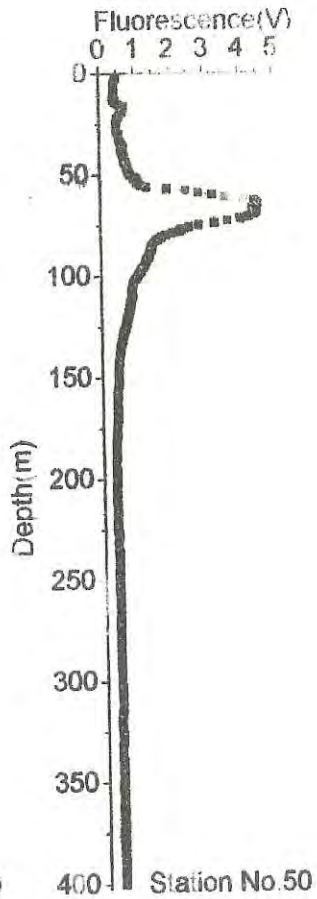
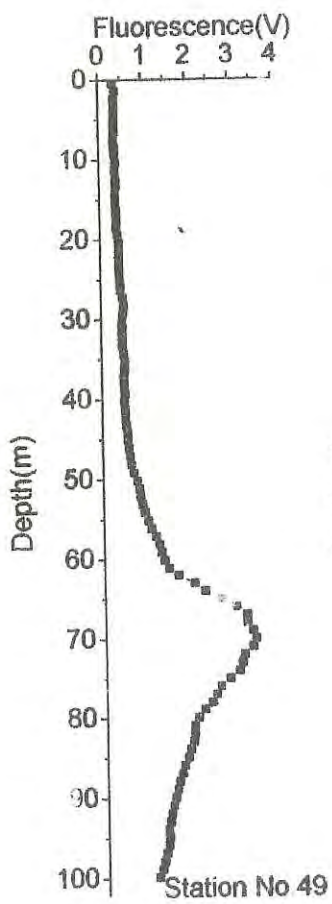


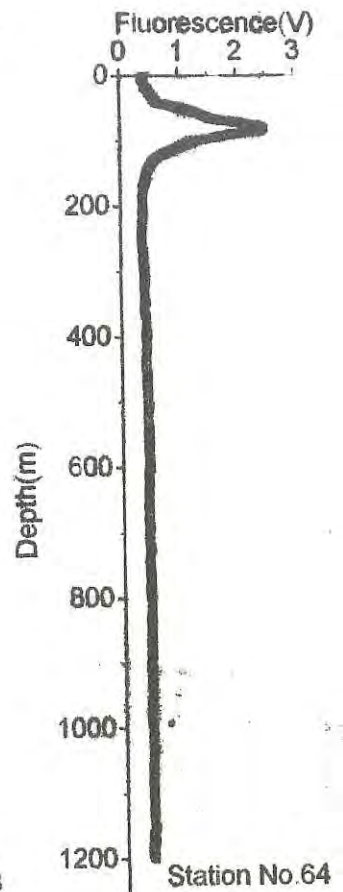
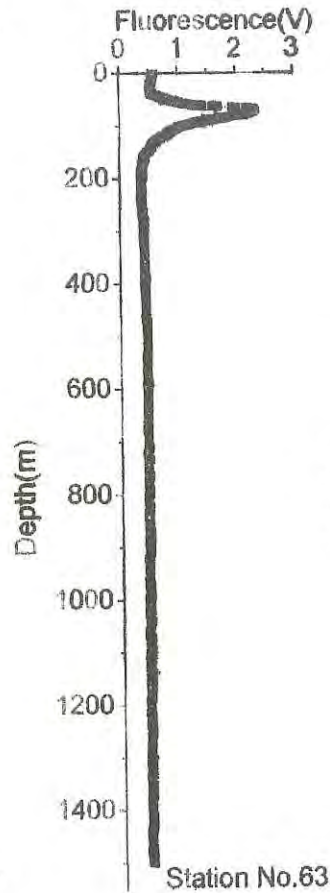
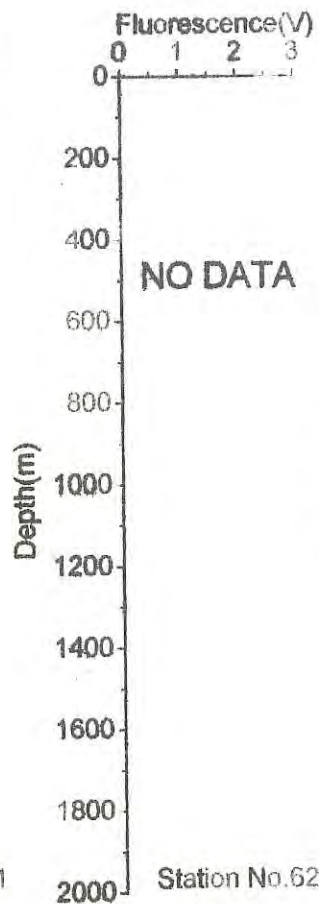
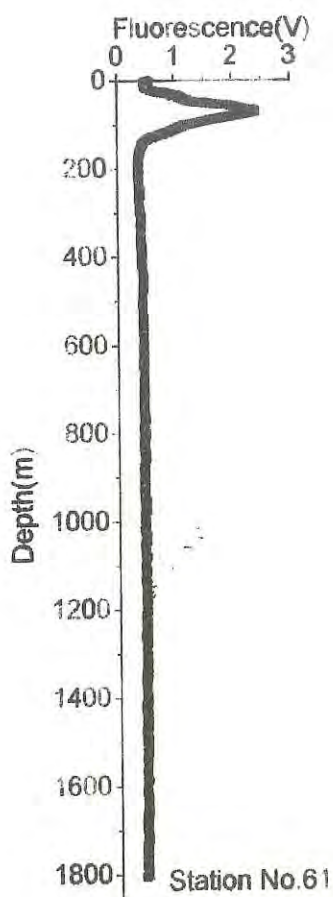
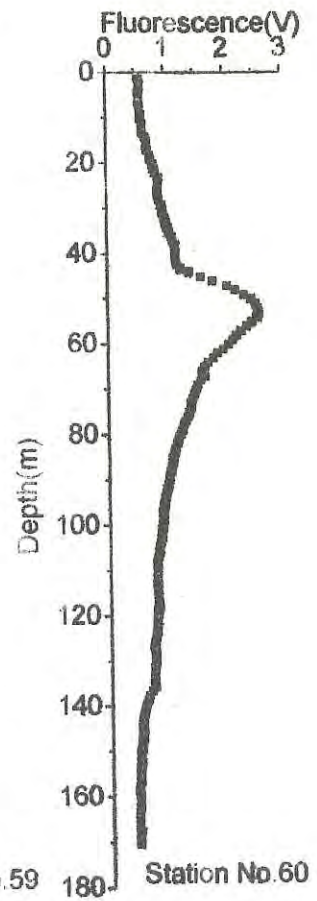
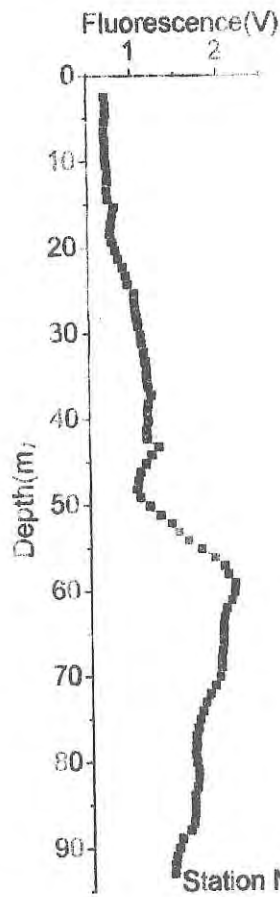
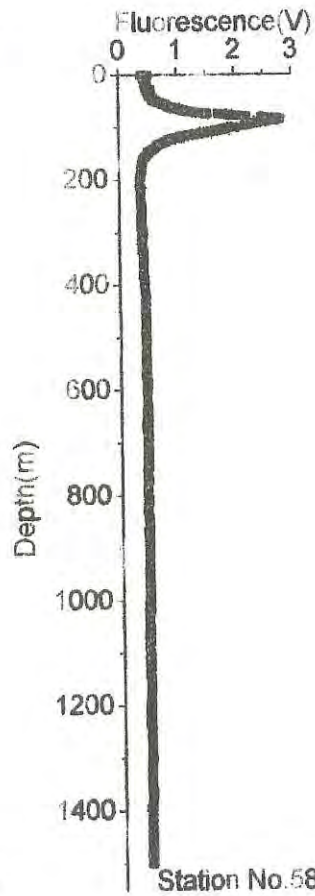
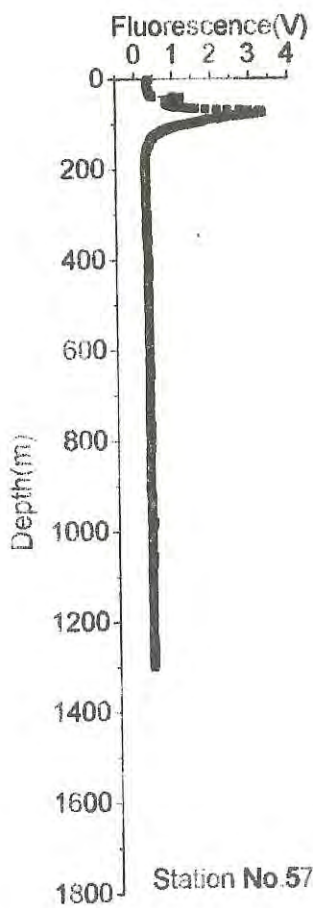


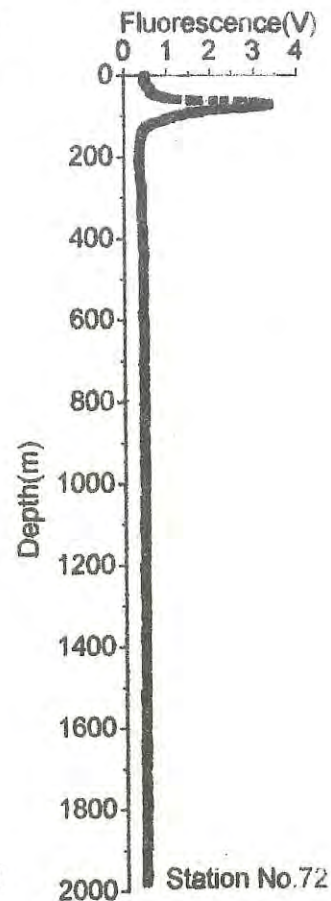
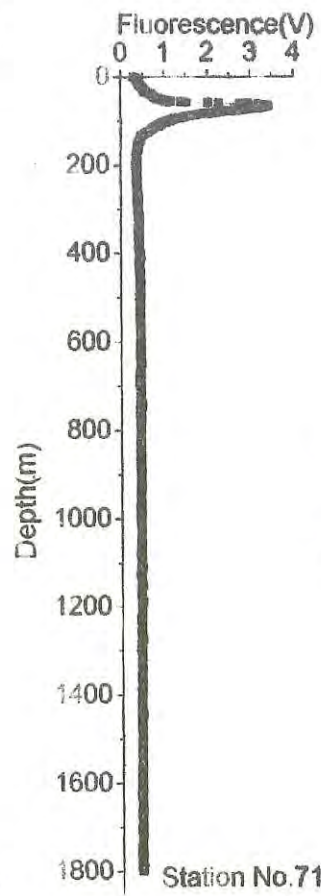
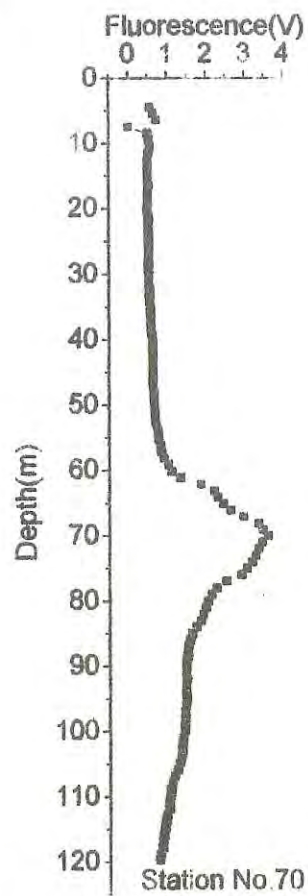
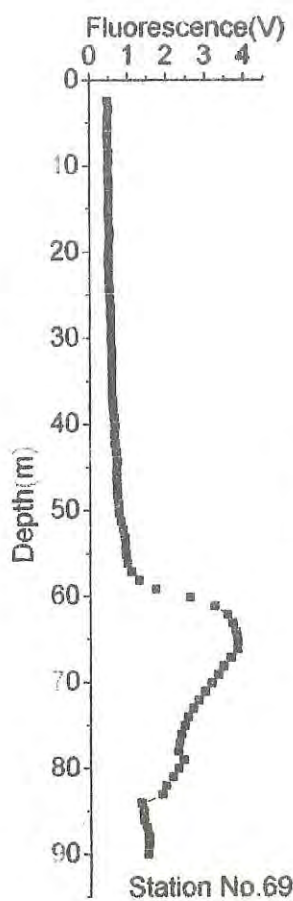
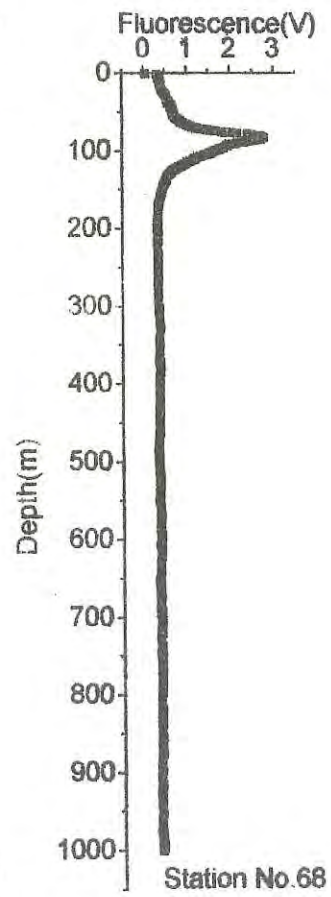
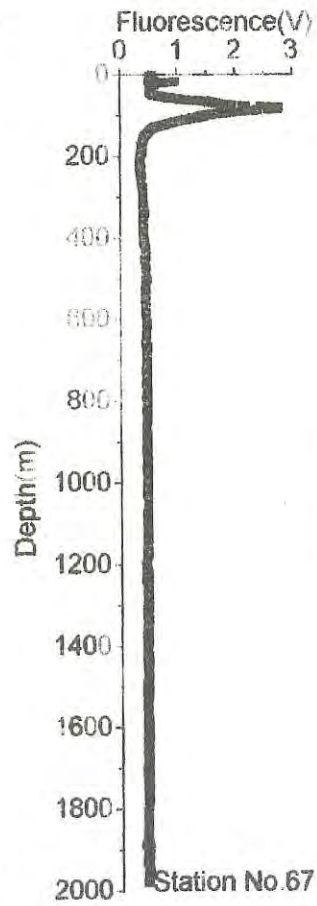
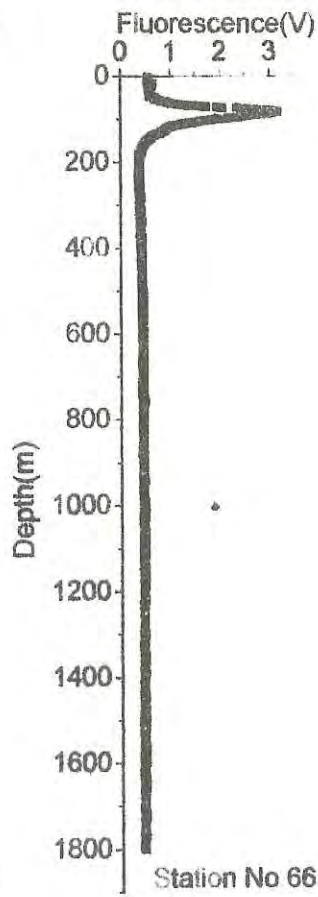
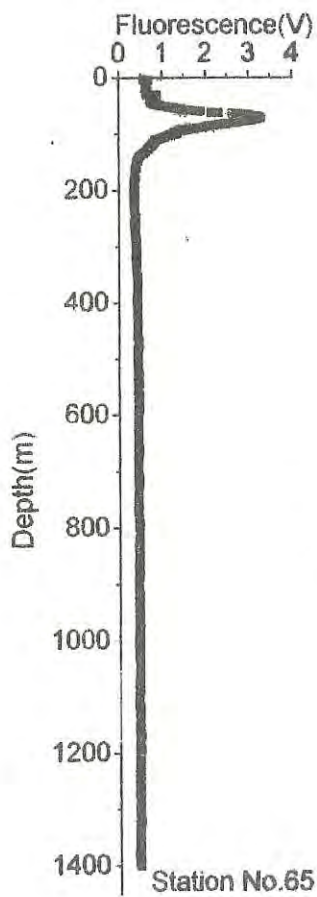


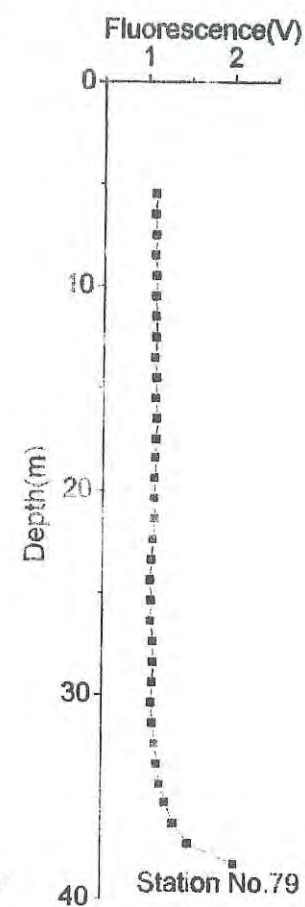
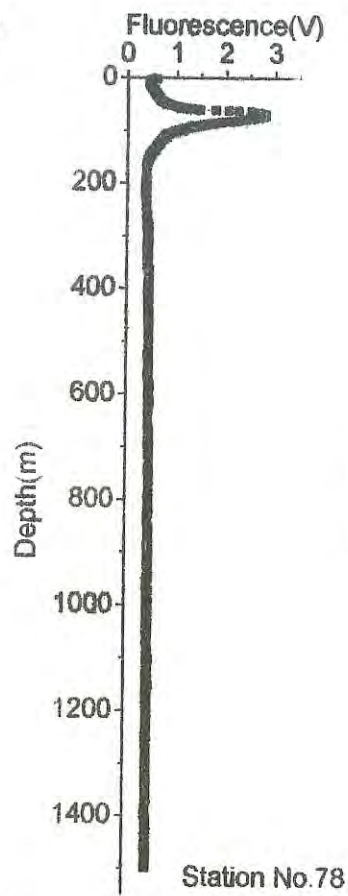
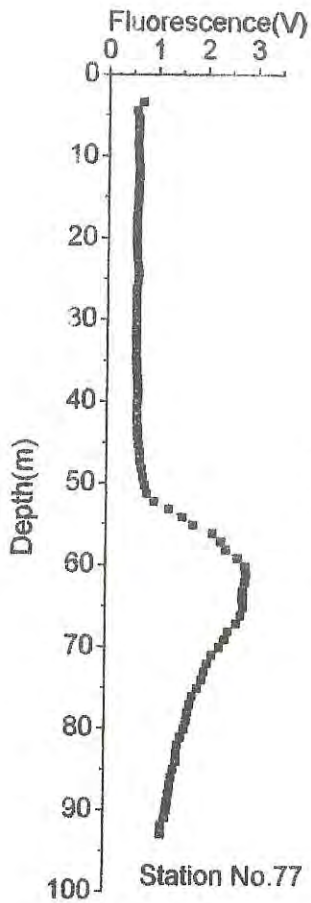
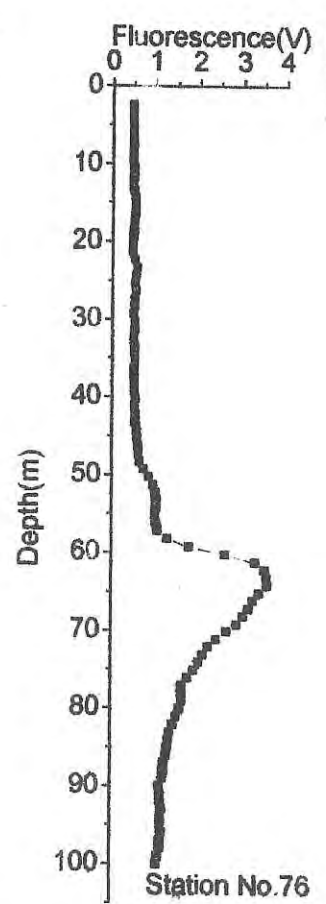
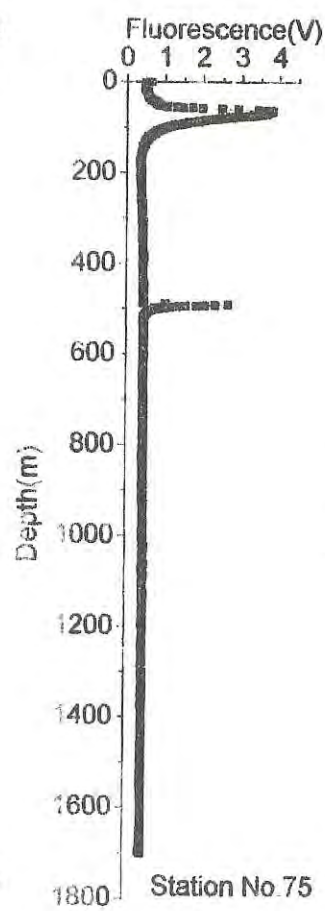
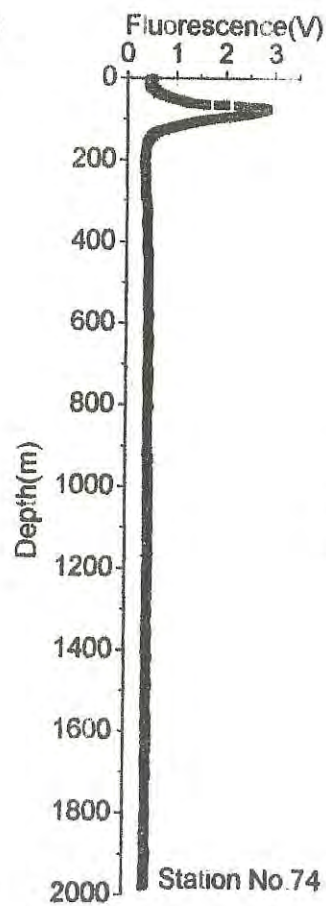
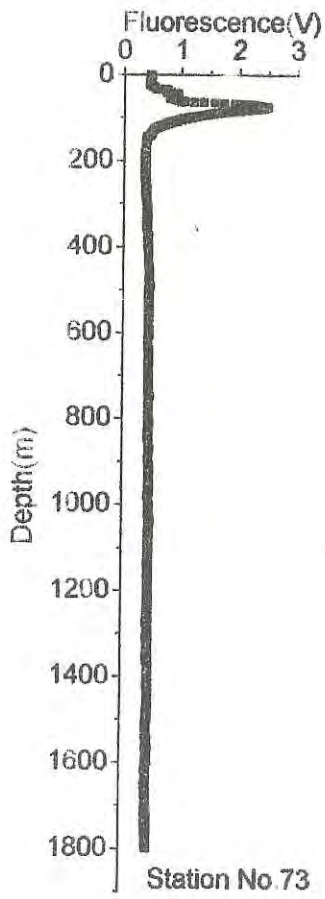












Profile of Light Intensity

