
Cards Pond

Sections:

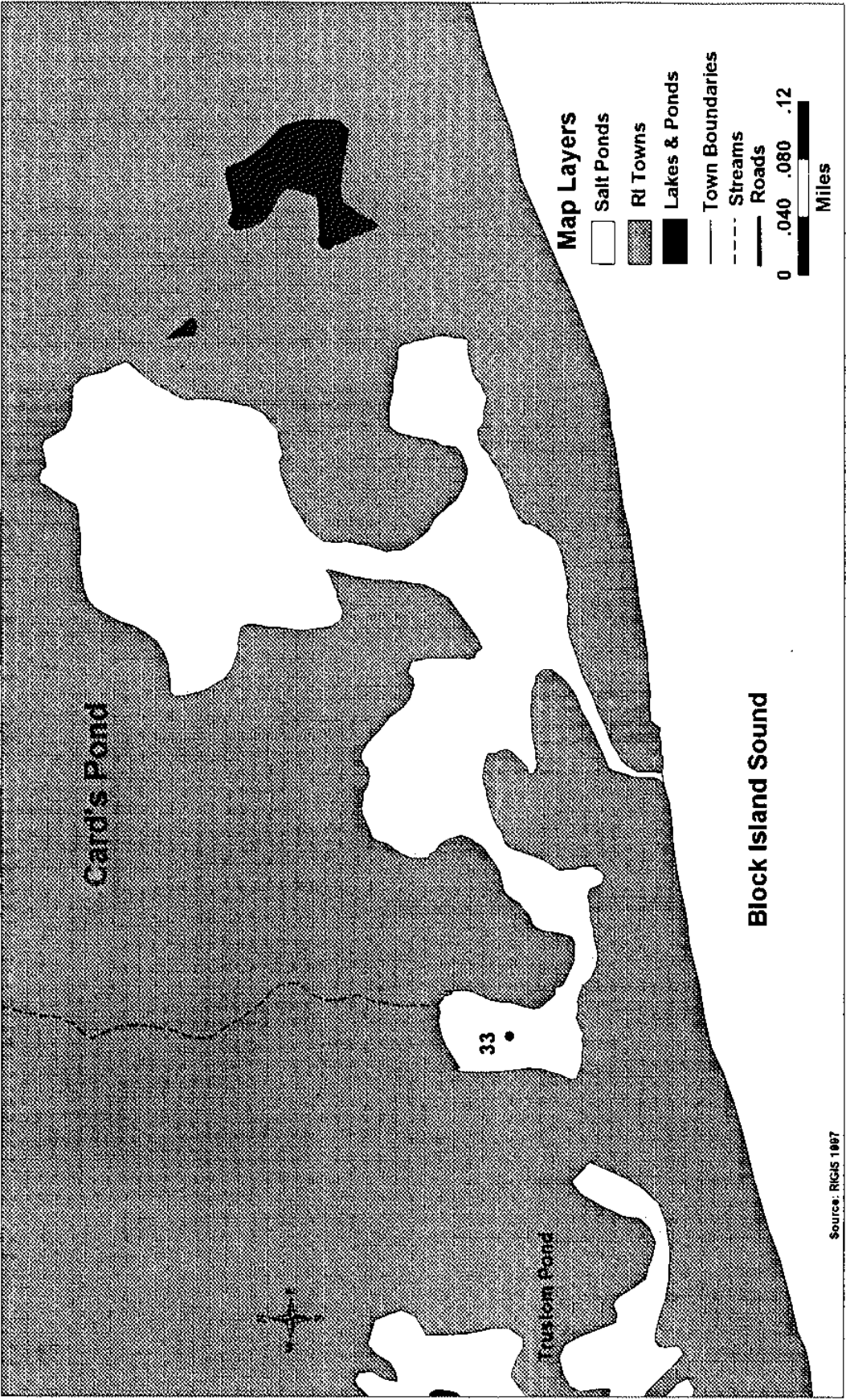
Pond Map

Bacteria

Water Quality

Cards Pond

Pond Map



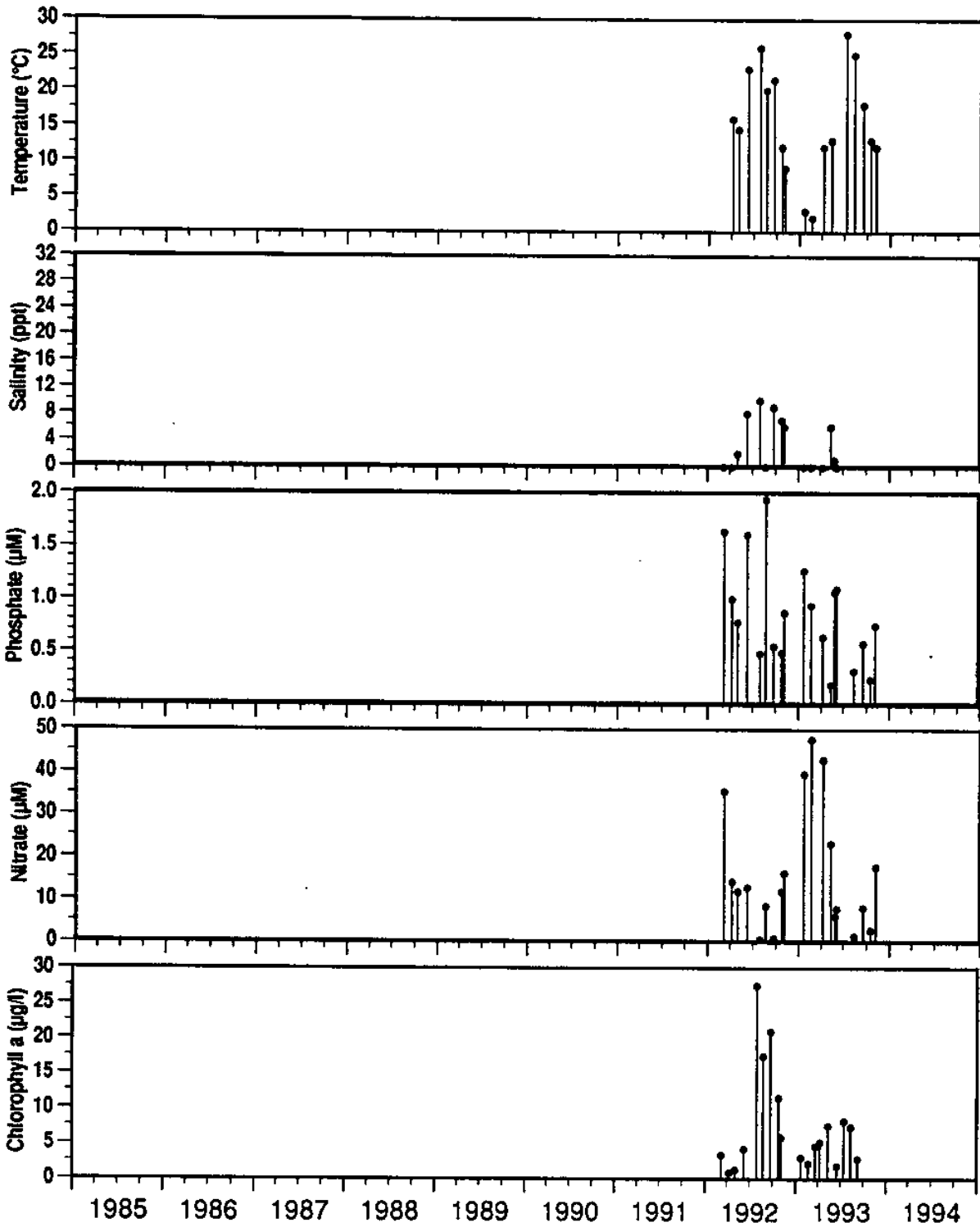
Source: RIGIS 1997

Cards Pond

Water Quality

Cards Pond

Station
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CARDS POND WATER CHEMISTRY DATA 1992-1994

SITE	STATION	DATE	TEMP (°C)	SDOX (mg/l)	BDOX (mg/l)	SALT (ppt)	N (µM/l)	P (µM/l)	CHLA (µg/l)	SECCHI (m)	DEPTH (m)
OFF	33	7-Mar-92	.	.	.	0	35.32	1.64	3.31	.	0.5
ON	33	8-Apr-92	16	.	.	0	14.20	1.00	0.85	.	1.4
ON	33	1-May-92	14.5	.	.	2	11.91	0.78	1.22	1.1	1.1
ON	33	8-Jun-92	23	.	.	8	12.79	1.61	4.17	1.0	1.0
ON	33	29-Jul-92	26	.	.	10	0.55	0.48	27.48	0.8	0.8
ON	33	22-Aug-92	20	.	.	0	8.47	1.94	17.37	.	1.1
ON	33	22-Sep-92	21.5	.	.	9	0.78	0.55	20.92	.	.
ON	33	24-Oct-92	12	.	.	7	11.94	0.49	11.45	.	0.9
ON	33	4-Nov-92	9	.	.	6	16.10	0.87	5.81	.	1.4
ON	33	22-Jan-93	3	.	.	0	39.48	1.27	2.95	.	.
ON	33	21-Feb-93	2	.	.	0	47.72	0.94	2.12	.	.
ON	33	22-Mar-93	.	.	.	.	.	.	4.54	.	.
ON	33	9-Apr-93	12	.	.	0	42.82	0.64	5.13	.	.
ON	33	11-May-93	13	.	.	6	23.02	0.19	7.47	.	.
ON	33	26-May-93	.	.	.	1	6.09	1.07	.	.	.
ON	33	2-Jun-93	.	.	.	0	7.75	1.10	.	.	.
ON	33	16-Jun-93	.	.	.	.	.	.	1.8	.	.
ON	33	9-Jul-93	28	.	.	.	.	.	.	.	.
ON	33	14-Jul-93	.	.	.	.	.	.	8.11	.	.
ON	33	11-Aug-93	25	.	.	0	1.29	0.32	7.32	.	.
ON	33	8-Sep-93	.	.	.	.	.	.	2.8	.	.
ON	33	17-Sep-93	18	.	.	2	8.11	0.58	.	.	.
ON	33	16-Oct-93	13	.	.	1	2.72	0.24	.	.	.
ON	33	6-Nov-93	12	.	.	9	17.49	0.75	.	.	.

Great Salt Pond Block Island

Sections:

**Pond Map
Bacteria
Water Quality**

Great Salt Pond

Pond Map

Block Island Sound

Great Salt Pond

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4

3

2

1

4

1

● Water Quality Station

Map Layers

□ Salt Ponds

▨ RI Towns

■ Lakes & Ponds

— Town Boundaries

- - - Streams

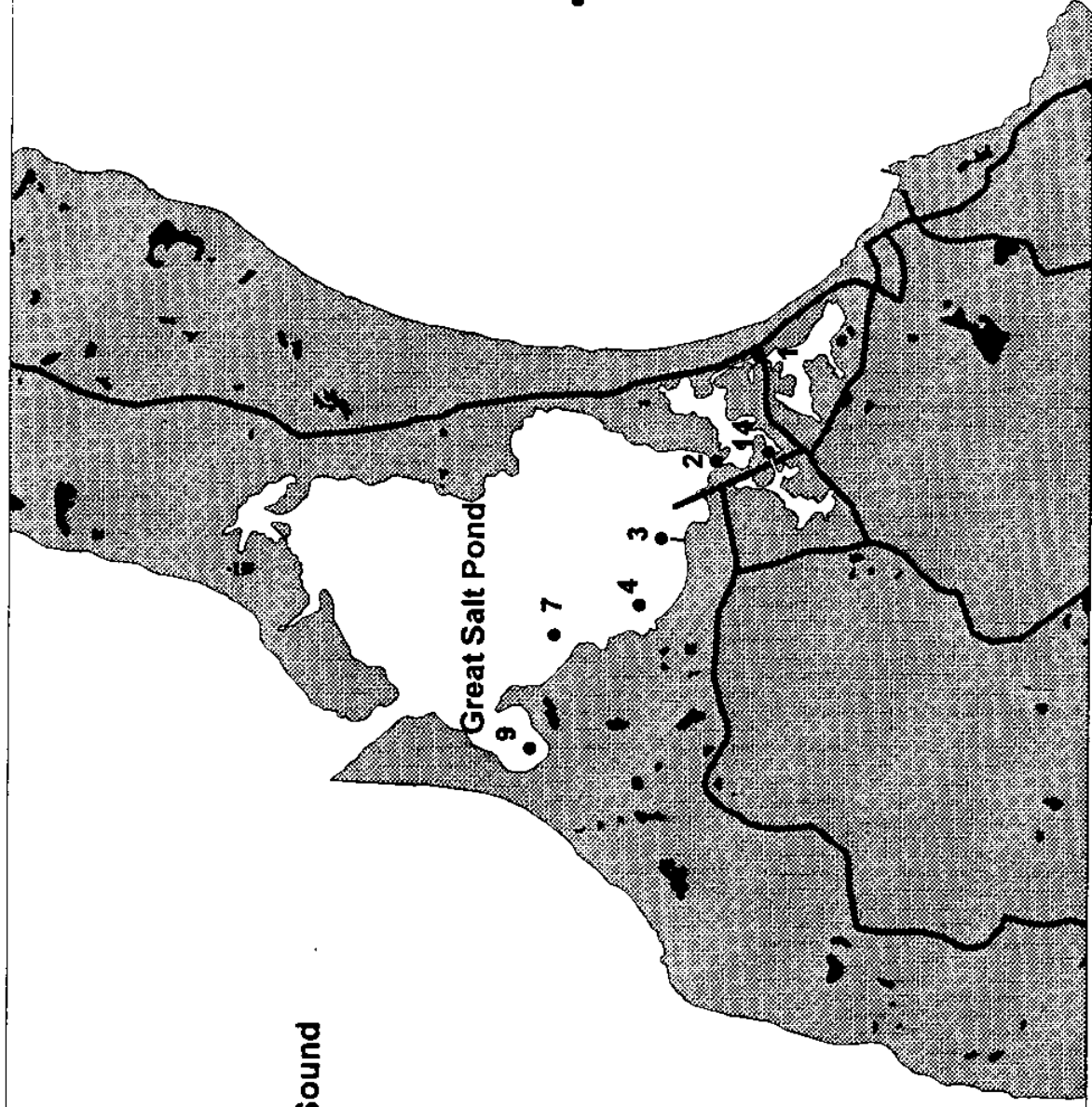
— Roads

0 .20 .40 .60

Miles



Source: RIGIS 1997

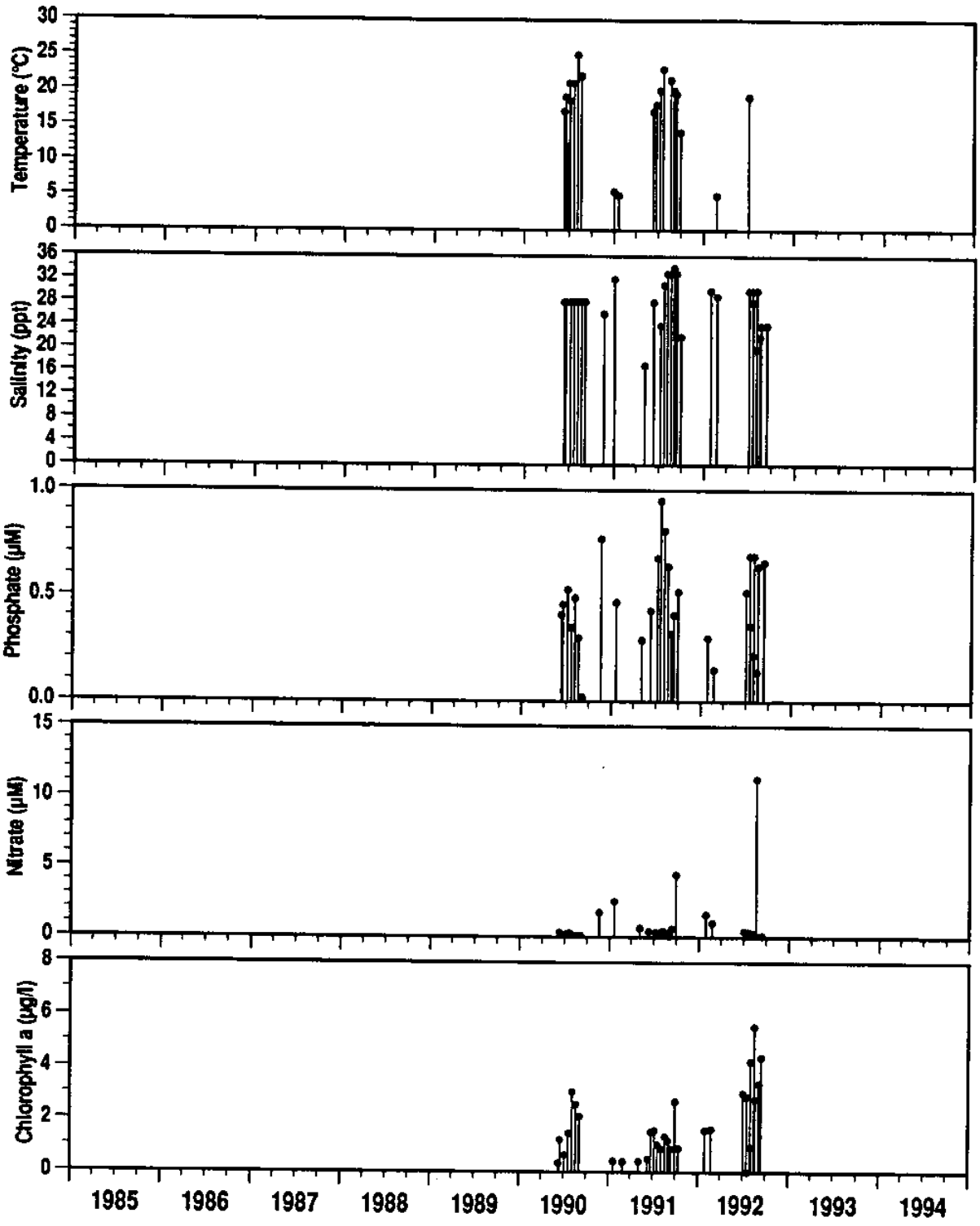


Great Salt Pond

Water Quality

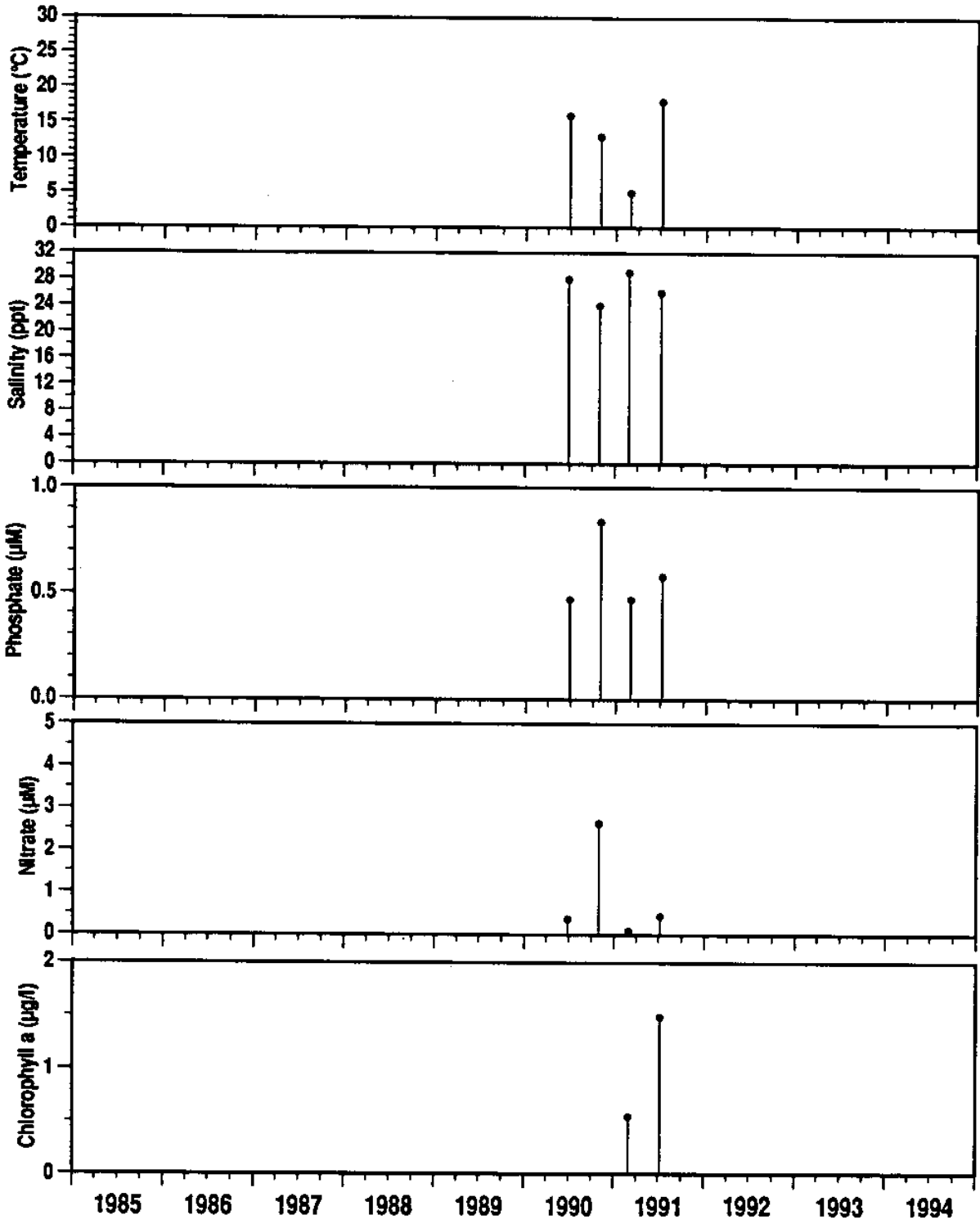
Great Salt Pond

Station
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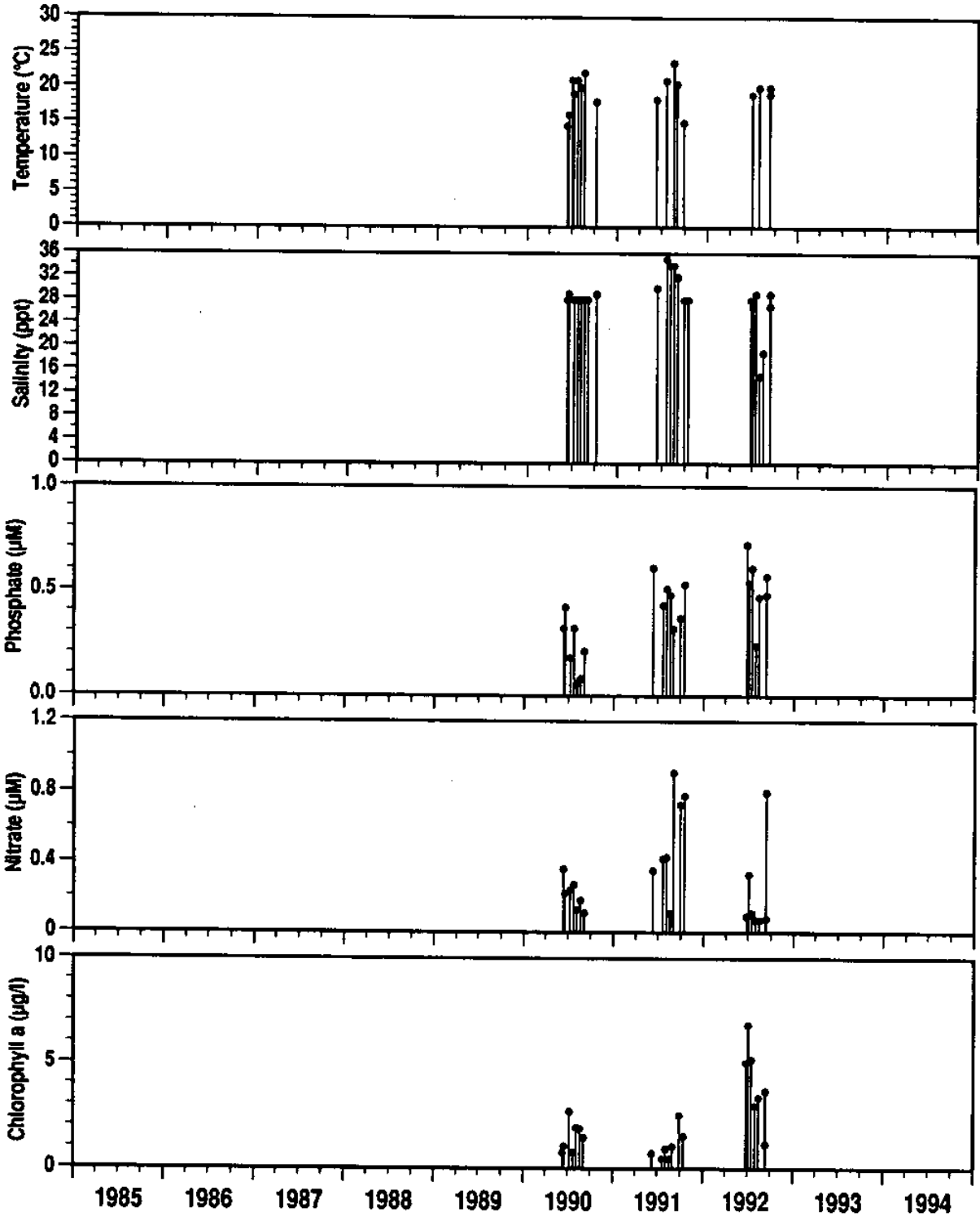
Great Salt Pond

Station
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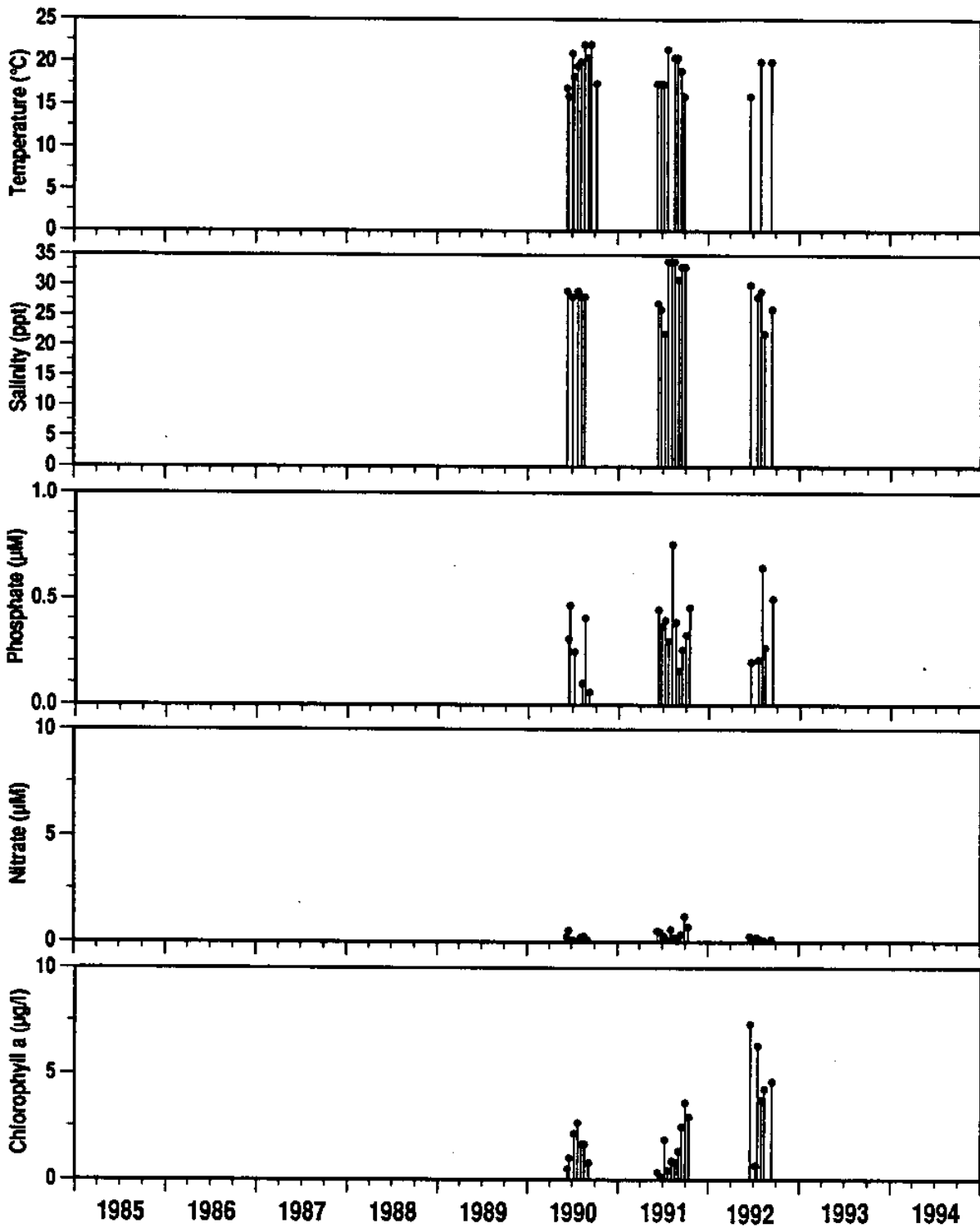
Great Salt Pond

Station
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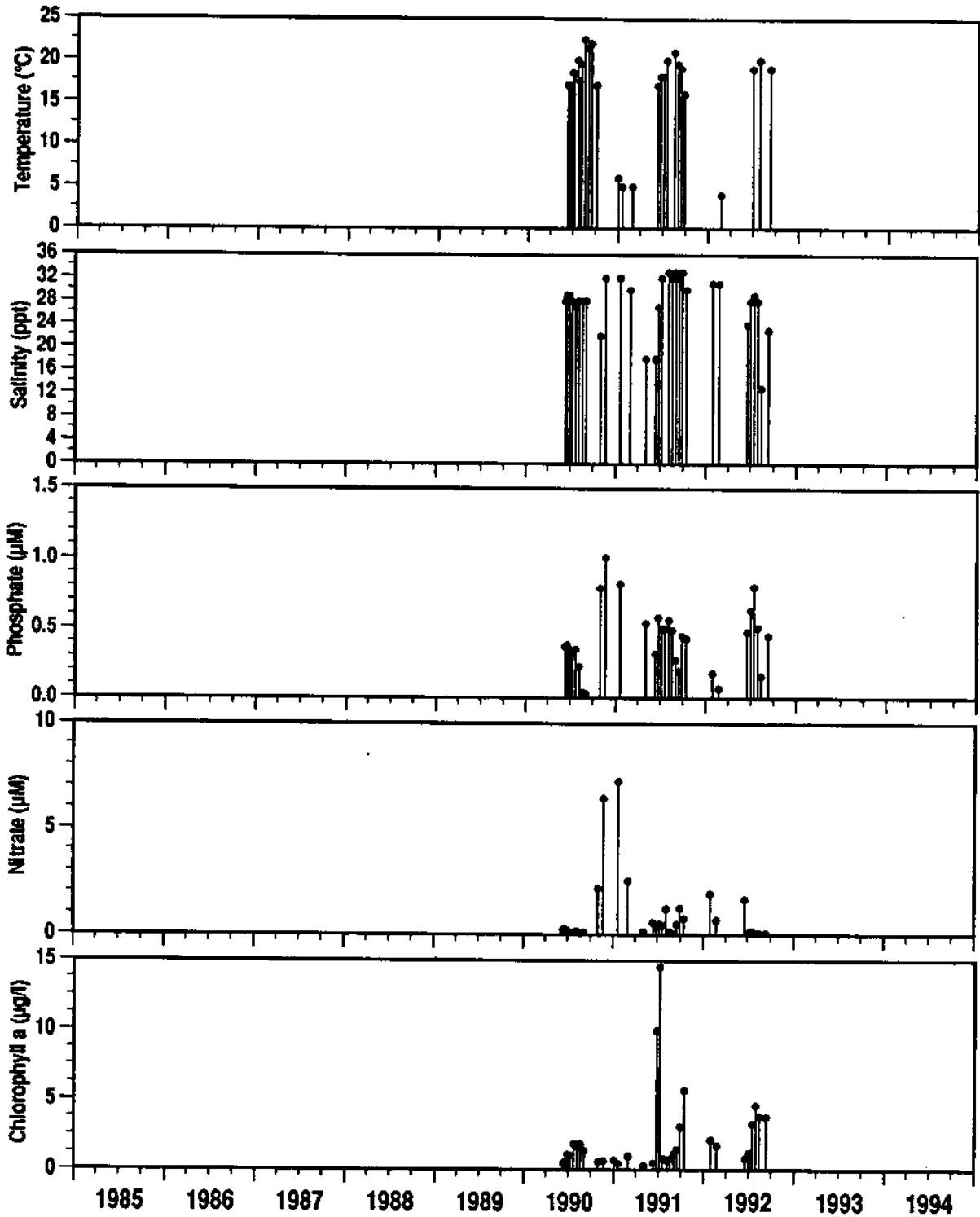
Great Salt Pond

Station
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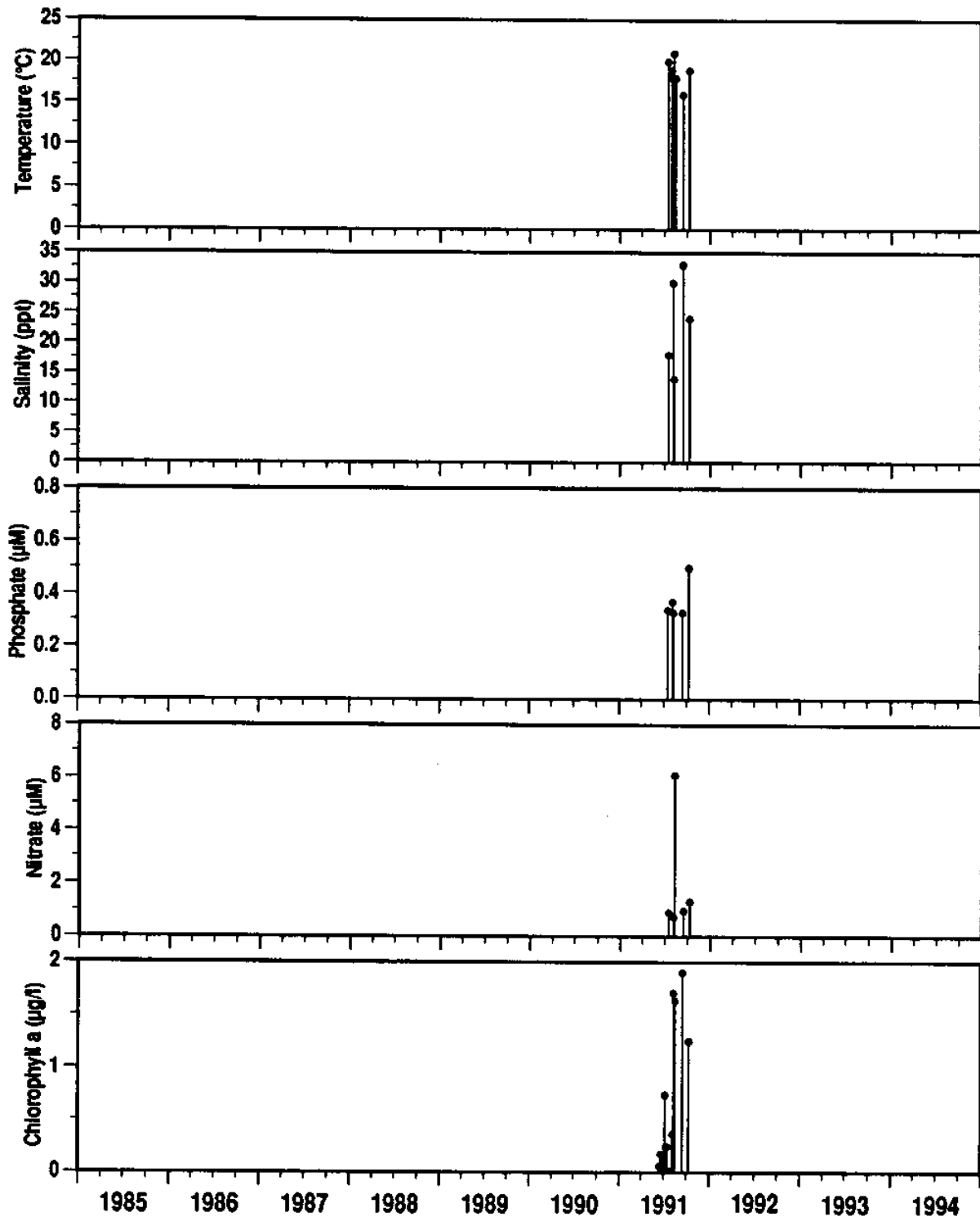
Great Salt Pond

Station
7



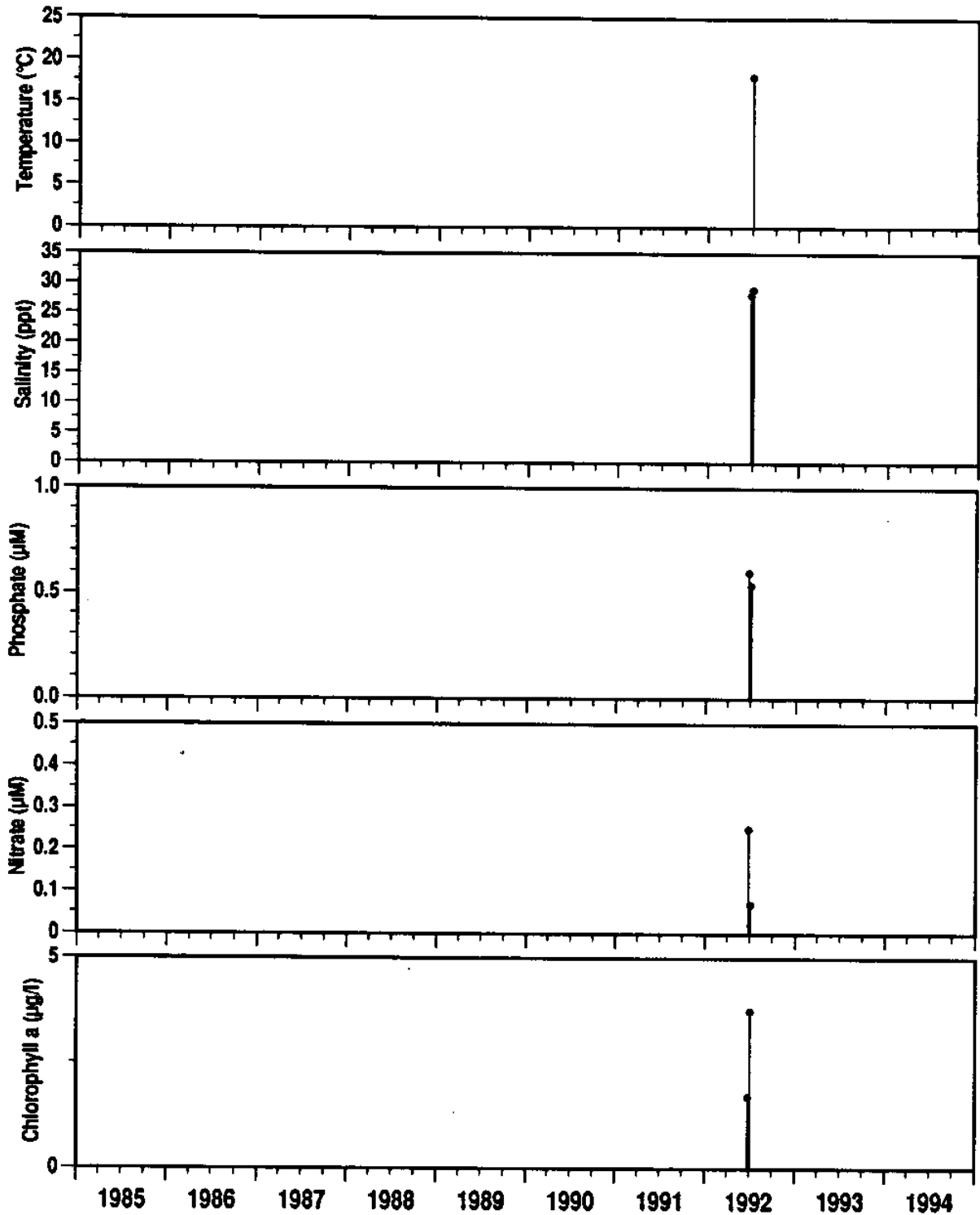
Great Salt Pond

Station
9



Great Salt Pond

Station
14



GREAT SALT POND [BLOCK ISLAND] WATER CHEMISTRY DATA 1990-1994

SITE	STATION	DATE	TEMP (°C)	SDOX (mg/l)	BOOX (mg/l)	SALT (ppt)	N (µM/l)	P (µM/l)	CHLA (µg/l)	SECCHI (m)	DEPTH (m)
.	1	10-Jun-90	17	7.05	.	28	0.32	0.41	0.34	1.5	1.5
.	1	17-Jun-90	19	7.85	.	28	0.19	0.46	1.23	1.5	1.5
.	1	24-Jun-90	12	6.25	.	.	.	.	.	1.9	1.9
.	1	1-Jul-90	21	6.9	.	.	.	.	.	1.5	1.5
.	1	7-Jul-90	18.5	6.4	.	28	0.20	0.53	0.66	1.3	1.3
.	1	22-Jul-90	21	6.35	.	28	0.30	0.35	1.47	1.6	1.6
.	1	5-Aug-90	25	6.2	.	28	0.14	0.49	3.05	3.0	3.0
.	1	19-Aug-90	22	6.3	.	28	0.11	0.30	2.56	1.0	1.0
.	1	3-Sep-90	.	.	.	28	0.09	0.02	2.10	.	.
.	1	20-Nov-90	.	.	.	26	1.75	0.77	.	.	.
.	1	1-Jan-91	5.5	11.25	.	32	.	.	.	.	1
.	1	20-Jan-91	5	9.6	.	.	2.51	0.47	0.42	.	1.2
.	1	28-Feb-91	.	.	.	.	.	.	0.39	.	.
.	1	4-May-91	.	.	.	17	0.63	0.29	0.42	.	.
.	1	10-Jun-91	17	10	.	28	0.40	0.43	0.49	.	.
.	1	23-Jun-91	18	8.3	.	.	.	.	1.52	.	.
.	1	7-Jul-91	20	5.9	.	24	0.35	0.68	1.58	.	1.2
.	1	21-Jul-91	23	4.9	.	31	0.24	0.95	1.05	.	2.5
.	1	4-Aug-91	.	.	.	33	0.43	0.81	0.89	.	.
.	1	18-Aug-91	21.5	6.7	.	33	0.34	0.64	1.34	.	1.2
.	1	1-Sep-91	20	6.7	.	34	0.07	0.32	1.21	.	1.5
.	1	11-Sep-91	19.5	8.5	.	33	0.60	0.41	0.90	.	1.2
.	1	28-Sep-91	14	7.5	.	22	4.43	0.52	2.69	.	1.2
.	1	14-Oct-91	.	.	.	.	.	.	0.91	.	.
OFF	1	28-Jan-92	.	.	.	30	1.61	0.30	1.59	.	.
OFF	1	22-Feb-92	5	.	.	29	0.99	0.15	1.62	.	.
ON	1	1-Jul-92	19	.	.	30	0.39	0.52	3.00	7.6	4.0
ON	1	15-Jul-92	.	.	.	30	0.32	0.69	2.87	.	.
ON	1	18-Jul-92	.	.	.	28	0.36	0.36	0.02	.	.
ON	1	30-Jul-92	.	.	.	20	0.09	0.22	4.21	1.8	1.8
ON	1	2-Aug-92	.	.	.	30	0.27	0.69	0.95	.	.
ON	1	15-Aug-92	.	.	.	22	0.14	0.14	5.56	.	.
ON	1	18-Aug-92	.	.	.	24	11.28	0.64	2.76	.	.
ON	1	2-Sep-92	.	.	.	.	.	.	3.37	.	.
ON	1	11-Sep-92	.	.	.	24	0.09	0.66	4.38	1.6	1.6
.	2	27-Jun-90	16	7.5	.	28	0.37	0.47	.	2.7	2.7
.	2	31-Oct-90	13	.	.	.	.	.	.	5.4	5.4
.	2	31-Oct-90	.	.	.	24	2.64	0.84	.	.	.
.	2	28-Feb-91	5	.	.	29	0.10	0.47	0.55	.	4
.	2	7-Jul-91	18	6.8	.	26	0.44	0.58	1.49	.	.
.	3	10-Jun-90	14.5	8	.	28	0.36	0.32	0.73	2.5	2.5
.	3	17-Jun-90	16	7.3	.	29	0.22	0.42	1.05	3.2	3.2
.	3	1-Jul-90	21	6.65	.	.	.	.	.	4.0	4.0
.	3	8-Jul-90	19	6.8	.	28	0.24	0.18	2.71	5.4	3.7
.	3	22-Jul-90	21	6.9	.	28	0.27	0.32	0.75	3.0	3.0
.	3	5-Aug-90	20	7.45	.	28	0.13	0.06	1.93	6.5	3.3
.	3	19-Aug-90	22	6.5	.	28	0.18	0.08	1.89	4.0	4.0
.	3	3-Sep-90	.	.	.	28	0.11	0.21	1.46	.	.
.	3	7-Oct-90	17.9	6.7	.	29	.	.	.	4.7	4.7
.	3	10-Jun-91	18.3	7.9	.	30	0.35	0.61	0.71	.	10
.	3	19-Jul-91	21	7.8	.	35	0.42	0.43	0.46	.	3
.	3	4-Aug-91	.	.	.	34	0.43	0.51	0.93	.	.
.	3	18-Aug-91	23.5	6.9	.	34	0.11	0.48	0.47	.	7.5
.	3	1-Sep-91	20.5	7.1	.	32	0.91	0.32	1.07	.	.
.	3	11-Sep-92	19	7.4	.	29	0.80	0.57	1.17	.	8
.	3	28-Sep-91	15	7	.	28	0.73	0.37	2.54	.	9.5

GREAT SALT POND [BLOCK ISLAND] WATER CHEMISTRY DATA 1990-1994

SITE	STATION	DATE	TEMP (°C)	SDOX (mg/l)	BDOX (mg/l)	SALT (ppt)	N (µM/l)	P (µM/l)	CHLA (µg/l)	SECCHI (m)	DEPTH (m)
.	3	14-Oct-91	.	.	.	28	0.78	0.53	1.54	.	.
ON	3	24-Jun-92	.	.	.	28	0.09	0.72	5.02	.	.
ON	3	2-Jul-92	19	.	.	27	0.33	0.54	6.83	8.3	4.0
ON	3	15-Jul-92	.	.	.	29	0.11	0.61	5.16	.	.
ON	3	30-Jul-92	20	.	.	15	0.07	0.24	2.98	8.6	3.8
ON	3	13-Aug-92	.	.	.	19	0.07	0.47	3.38	.	.
ON	3	11-Sep-92	20	.	.	27	0.08	0.48	3.67	7.9	5.3
.	4	10-Jun-90	17	6.6	.	29	0.24	0.31	0.52	7.5	3.6
.	4	17-Jun-90	16	7.7	.	.	0.53	0.47	1.01	6.5	6.2
.	4	1-Jul-90	21	7	.	28	.	.	.	7.9	3.9
.	4	7-Jul-90	18.3	7.5	.	.	0.10	0.25	2.17	7.5	3.9
.	4	22-Jul-90	19.5	7	.	29	.	.	2.68	6.1	5
.	4	5-Aug-90	20	.	.	28	0.22	0.10	1.67	8.3	4
.	4	19-Aug-90	22	7.3	.	28	0.26	0.41	1.67	6	4
.	4	3-Sep-90	20.5	7.4	.	.	0.08	0.06	0.79	8.5	5
.	4	15-Sep-90	22	7.2	.	.	.	.	.	8.3	5
.	4	7-Oct-90	17.5	6.2	.	.	.	.	.	8.7	6.2
.	4	10-Jun-91	17.5	9.3	.	27	0.51	0.45	0.33	.	5
.	4	23-Jun-91	17.5	9.9	.	26	0.47	0.37	0.13	.	5
.	4	7-Jul-91	17.5	6.9	.	22	0.29	0.40	1.88	.	8
.	4	21-Jul-91	21.5	7	.	34	0.10	0.30	0.43	.	9
.	4	4-Aug-91	.	.	.	34	0.59	0.76	0.88	.	.
.	4	18-Aug-91	20.5	7.1	.	34	0.22	0.39	0.82	.	6
.	4	1-Sep-91	20.5	7.1	.	31	0.07	0.16	1.34	.	.
.	4	14-Sep-91	19	7.4	.	33	0.36	0.26	2.49	.	6
.	4	28-Sep-91	16	7.6	.	33	1.20	0.33	3.62	.	6
.	4	14-Oct-91	.	.	.	.	0.70	0.46	2.96	.	.
ON	4	17-Jun-92	16	.	8.4	30	0.27	0.20	7.35	7.5	5.5
ON	4	7-Jul-92	.	.	.	.	.	.	0.66	.	.
ON	4	15-Jul-92	.	.	.	28	0.21	0.21	6.33	.	.
ON	4	30-Jul-92	20	.	7.6	29	0.11	0.65	3.74	9.7	3.7
ON	4	13-Aug-92	.	.	.	22	0.07	0.27	4.28	.	.
ON	4	11-Sep-92	20	.	7	26	0.12	0.50	4.62	8.0	4.7
.	7	10-Jun-90	17	6.9	.	28	0.22	0.37	0.46	3.2	3.2
.	7	17-Jun-90	17	8.1	.	29	0.27	0.38	0.60	4	4
.	7	27-Jun-90	16	7.35	.	29	0.21	0.35	1.09	3.2	3.2
.	7	1-Jul-90	18.5	7.95	.	.	.	.	.	3.2	3.2
.	7	7-Jul-90	18.4	7.3	.	28	0.11	0.32	1.05	2.6	2.6
.	7	22-Jul-90	20	6.75	.	27	0.11	0.35	1.84	6.5	5.8
.	7	29-Jul-90	17.5	6.6	.	.	.	.	.	4.4	2.6
.	7	5-Aug-90	19.5	6.85	.	28	0.17	0.23	1.65	5	4.6
.	7	19-Aug-90	22.5	7.1	.	28	0.07	0.04	1.83	3.5	3.5
.	7	3-Sep-90	21.5	6.75	.	28	0.10	0.03	1.33	6	5.1
.	7	15-Sep-90	22	7	.	.	.	.	.	4.7	4
.	7	7-Oct-90	17	6.2	.	.	.	.	.	5.7	4.7
.	7	31-Oct-90	.	.	.	22	2.16	0.79	0.55	.	.
.	7	21-Nov-90	.	.	.	32	6.42	1.01	0.65	.	.
.	7	1-Jan-91	6	9.5	.	.	.	.	0.67	.	5
.	7	20-Jan-91	5	10	.	32	7.23	0.82	0.46	.	3.5
.	7	28-Feb-91	5	9.8	.	30	2.51	.	0.97	.	3.7
.	7	4-May-91	.	.	.	18	0.16	0.54	0.31	.	.
.	7	10-Jun-91	17	9.7	.	18	0.58	0.32	0.49	.	2.3
.	7	23-Jun-91	18	8.8	.	27	0.36	0.58	9.99	.	.
.	7	7-Jul-91	18	7.2	.	32	0.50	0.50	14.54	.	.
.	7	19-Jul-91	20	7.7	.	.	0.45	0.50	0.82	.	5
.	7	4-Aug-91	.	.	.	33	1.23	0.56	0.72	.	.

GREAT SALT POND [BLOCK ISLAND] WATER CHEMISTRY DATA 1990-1994

SITE	STATION	DATE	TEMP (°C)	SDOX (mg/l)	BDOX (mg/l)	SALT (ppt)	N (µM/l)	P (µM/l)	CHLA (µg/l)	SECCHI (m)	DEPTH (m)
.	7	18-Aug-91	21	7.2	.	32	0.18	0.49	0.8	.	.
.	7	1-Sep-91	19.5	7.1	.	33	0.07	0.28	1.15	.	.
.	7	14-Sep-91	19	7.7	.	32	0.50	0.20	1.46	.	4.8
.	7	28-Sep-91	16	7.5	.	33	1.25	0.45	3.05	.	3.5
.	7	14-Oct-91	.	.	.	30	0.78	0.43	5.67	.	.
OFF	7	28-Jan-92	.	.	.	31	1.93	0.18	2.14	.	.
OFF	7	23-Feb-92	4	.	.	31	0.70	0.07	1.72	4.6	4.6
ON	7	17-Jun-92	.	.	.	24	1.66	0.48	0.82	.	.
ON	7	1-Jul-92	19	.	.	28	0.09	0.63	1.18	6.3	4.1
ON	7	15-Jul-92	.	.	.	29	0.17	0.80	3.29	.	.
ON	7	29-Jul-92	20	.	7.8	28	0.07	0.51	4.61	4.2	4.2
ON	7	13-Aug-92	.	.	.	13	0.07	0.16	3.82	.	.
ON	7	10-Sep-92	19	.	7.2	23	0.07	0.45	3.76	4.5	4.5
.	9	12-Jun-91	.	.	.	.	.	.	0.06	.	.
.	9	19-Jun-91	.	.	.	.	.	.	0.18	.	.
.	9	26-Jun-91	.	.	.	.	.	.	0.17	.	.
.	9	5-Jul-91	.	.	.	.	.	.	0.74	.	.
.	9	10-Jul-91	.	.	.	.	.	.	0.25	.	.
.	9	17-Jul-91	20	7.1	.	18	0.89	0.34	0.25	.	6
.	9	29-Jul-91	19	5.4	.	.	.	.	0.02	.	4.4
.	9	5-Aug-91	18	6.4	.	30	0.74	0.37	0.37	.	4.2
.	9	9-Aug-91	21	6.6	.	14	6.10	0.33	1.71	.	5.9
.	9	16-Aug-91	18	6.6	.	.	.	.	1.64	.	6.3
.	9	13-Sep-91	16	8.3	.	33	0.97	0.33	1.90	.	7.5
.	9	10-Oct-91	18.9	7.1	.	24	1.31	0.50	1.25	.	5.4
.	13	13-Sep-91	19	7.3	.	.	.	.	.	.	6.4
ON	14	24-Jun-92	.	.	.	28	0.25	0.60	1.71	.	.
ON	14	2-Jul-92	18	.	7.4	29	0.07	0.54	3.74	3.0	3.0