

Pub.

PLANT PHYSIOLOGY
AND
ANATOMY
OF
EUCALYPTUS

MANUSCRIPT RECEIPTS OF THE BIOLOGICAL STATIONS

No. 353

Some Canadian Hydrographic Data Atlantic Coast - 1936

No. 354

Some Canadian Hydrographic Data Atlantic Coast - 1937

No. 355

Some Canadian Hydrographic Data Atlantic Coast - 1938

No. 356

Some Canadian Hydrographic Data Atlantic Coast - 1939

by

H. B. Hickey

F I S H E R I E S R E S E A R C H B O A R D
O F C A N A D A

MANUSCRIPT REPORTS OF THE BIOLOGICAL STATIONS

No.
353

Title
Some Canadian Hydrographic Data
Atlantic Coast - 1936

Author
H. B. Hachey

BIOLOGICAL BOARD OF CANADA
SOME CANADIAN HYDROGRAPHIC DATA ATLANTIC COAST - 1936

by

H. B. Hoehay

The hydrographic data collected on the Atlantic Coast, by the Biological Board of Canada, are assembled herein. These data are presented annually in the form of Manuscript Reports.

The data consist of those collected periodically at established stations, those collected in connection with investigations of the waters of the Scotian shelf, and various miscellaneous data of temporary interest only.

The locations of all stations are furnished, and data for the following stations are tabulated:

Prince Stations: 5, 6, 520, 531 and 533.

Sourcee Stations: 50, 58, 59, 60, 61, 62, 102, 121, 122,
123, 124, 125, 126, 127, 128, 129, 130,
131, 132, 133, 134, 145, 146, 147, 148,
173, 174, 175, 176, 180, and 221.

These data are primarily the property of the Biological Board of Canada, and permission should be obtained for the publication of any or all of these data.

Location of Stations

<u>Prime</u>			<u>Zoarces</u>		
Stations	Latitude	Longitude	Stations	Latitude	Longitude
5	44 56 48 N	66 48 43 W	127	44 44 00 N	62 16 30 W
6	45 4 49 N	67 5 53 W	128	44 24 00 N	61 58 00 W
520	45 49 30 N	60 51 35 W	129	43 55 00 N	61 34 00 W
531	44 41 32 N	63 38 32 W	130	44 15 45 N	60 54 45 W
533	44 38 45 N	63 33 50 W	131	44 30 20 N	60 28 15 W
			132	44 49 30 N	60 28 30 W
			133	45 07 30 N	60 28 30 W
<u>Zoarces</u>			134	45 27 00 N	60 42 00 W
50	43 44 00 N	63 17 00 W	145	46 27 50 N	59 28 15 W
58	44 25 58 N	63 28 00 W	146	46 23 10 N	59 37 05 W
59	44 14 30 N	63 13 28 W	147	46 20 10 N	59 42 55 W
60	44 23 25 N	63 21 58 W	148	46 16 00 N	59 50 15 W
61	44 29 00 N	63 26 30 W	173	46 38 45 N	60 20 25 W
62	44 34 40 N	63 31 40 W	174	46 41 00 N	60 15 25 W
102	44 32 35 N	53 59 15 W	175	46 46 35 N	60 2 30 W
121	44 33 45 N	65 04 45 W	176	46 13 25 N	59 55 02 W
122	43 26 00 N	64 42 00 W	180	44 54 25 N	67 04 45 W
123	43 19 00 N	64 25 00 W	221	46 51 40 N	59 49 50 W
124	43 13 10 N	64 08 00 W			
125	43 33 00 N	63 36 00 W			
126	44 08 35 N	63 25 00 W			

ATLANTIC BIOLOGICAL STATION

Hydrographic Data 1936

<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>	<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>
<u>Prince Sta. 5</u>				<u>Prince Sta. 5</u>			
1936				1936			
Jan. 13	0 m.	31.80	1.9	Sept 11	0 m.	32.45	12.3
	10	31.87	3.73		10	32.43	11.42
	25	31.83	3.68		25	32.50	11.08
	50	31.92	3.89		50	32.63	10.54
	75	32.00	4.19		75	32.84	9.68
	90	32.07	4.53		90	32.97	9.41
Mar. 14	0 m.	31.74	1.7	Oct. 16	0 m.	32.73	10.4
	10	31.73	1.44		10	32.70	10.40
	25	31.74	1.38		25	32.74	10.31
	50	31.73	1.33		50	32.75	10.30
	75	31.92	1.49		75	32.79	10.26
	90	31.98	1.49		90	32.84	10.19
Apr. 14	0 m.	29.88	2.1	Nov. 13	0 m.	32.39	8.6
	10	29.87	2.31		10	32.45	9.01
	25	30.32	2.35		25	32.50	9.01
	50	31.53	2.25		50	32.59	9.01
	75	32.00	2.50		75	32.79	8.85
	90	32.21	2.70		90	32.92	8.65
May 13	0 m.	31.27	4.9	Dec. 16	0 m.	31.82	4.0
	10	31.35	4.60		10	32.23	5.82
	25	31.51	4.40		25	32.41	6.01
	50	31.83	3.85		50	32.68	6.37
	75	32.18	3.52		75	32.90	6.63
	90	32.18	3.57		90	32.95	6.63
June 14	0 m.	31.04	10.0	<u>Prince Sta. 6</u>			
	10	31.22	7.15	1935			
	25	31.55	6.63	Dec. 26	0 m.	31.11?	1.9
	50	31.62	6.41		10	30.39?	3.85
	75	31.94	5.87		30	32.09	4.10
	90	32.27	5.51	1936			
July 18	0 m.	31.73	9.7	Jan. 2	0 m.	29.34	-0.1
	10	31.74	9.40		10	30.64	1.82
	25	31.82	9.00		30	31.60	3.01
	50	31.92	8.08	Jan. 9	0 m.	30.97	1.8
	75	32.07	8.04		10	31.06	2.87
	90	32.41	7.36		30	31.40	3.26
Aug. 17	0 m.	32.20	11.8	Jan. 15	0 m.	28.39	-0.3
	10	32.25	10.59		10	30.77	2.71
	25	32.25	10.55		30	31.38	2.99
	50	32.29	10.54				
	75	32.52	9.49				
	90	33.06	8.42				

ATLANTIC BIOLOGICAL STATION
Hydrographic Data 1936

<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>	<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>
<u>Prince Sta. 6</u>				<u>Prince Sta. 6</u>			
1936				1936			
Jan. 22	0 m.	30.21	0.8	May 20	0 m.	28.57	6.0
	10	30.70	1.63		10	29.69	5.51
	30	31.04	1.69		30	30.68	5.31
Jan. 30	0 m.	29.69	0.3	May 29	0 m.	25.93	8.0
	10	30.61	0.42		10	30.64	6.27
	30	31.20	0.97		30	31.24	5.69
Feb. 17	0 m.	31.13	0.4	June 3	0 m.	29.70	7.6
	10	31.56	0.41		10	30.55	6.44
	30	31.73	0.48		30	30.99	6.00
Feb. 24	0 m.	30.86	0.3	June 10	0 m.	26.31	11.8
	10	31.38	0.31		10	30.03	7.69
	30	31.62	0.44		30	31.06	6.79
Mar. 4	0 m.	29.70	0.0	June 26	0 m.	28.40	10.5
	10	30.34	0.52		10	30.35	9.05
	30	31.46	0.35		30	31.02	8.37
Mar. 11	0 m.	30.61	1.0		0 m.	30.26	9.9
	10	31.04	0.60		10	30.88	9.78
	30	31.58	0.59		30	31.27	8.28
Mar. 18	0 m.	14.11	3.0	July 8	0 m.	30.52	10.61
	10	30.84	1.11		10	30.90	9.52
	30	31.26	1.24		30	31.42	8.73
Mar. 25	0 m.	26.13	3.8	July 15	0 m.	30.82	10.6
	10	28.53	2.02		10	31.29	9.79
	30	29.94	2.09		30	31.51	9.19
Apr. 2	0 m.	15.90	2.7	July 22	0 m.	30.97	12.2
	10	29.49	2.61		10	31.09	10.77
	30	-	2.50		30	31.64	9.79
Apr. 15	0 m.	21.47	3.5	July 29	0 m.	30.72	12.4
	10	25.52	2.96		10	31.56	10.34
	30	29.97	2.74		30	31.78	10.00
Apr. 29	0 m.	25.37	5.5	Aug. 5	0 m.	-	12.2
	10	30.21	3.80		10	-	11.20
	30	30.84	3.59		30	-	10.78
May 7	0 m.	30.07	4.8	Aug. 12	0 m.	29.05	14.3
	10	30.41	4.32		10	31.53	11.26
	30	30.93	4.40		30	31.80	10.55
May 15	0 m.	26.89	7.4	Aug. 27	0 m.	28.98	13.5
	10	29.96	5.80		10	31.83	11.70
	30	30.77	5.02		30	32.09	11.41

ATLANTIC BIOLOGICAL STATION
Hydrographic Data 1936

<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>	<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>
<u>Prince Sta. 6</u>				<u>Prince Sta. 6</u>			
1936				1936			
Sept. 3	0 m.	-	12.4	Dec. 23	0 m.	27.56	-0.3
	10	31.44	-		10	30.79	4.25
	30	32.01	10.83		30	31.62	4.74
Sept 9	0 m.	31.11	13.1	Dec. 30	0 m.	30.52	1.0
	10	31.71	11.88		10	31.47	3.89
	30	32.18	11.71		30	31.67	4.05
Sept. 17	0 m.	31.04	12.6	(See page 12)			
	10	31.85	12.00	<u>Prince Sta. 531</u>			
	30	32.20	11.68	1936			
Sept. 22	0 m.	31.91	14.6	Feb. 10	0 m.	30.62	-1.2
	10	32.12	11.67		5	30.64	-0.39
	30	32.27	11.54		10	30.66	-0.41
Oct. 2	0 m.	31.26	11.4		25	30.88	-0.21
	10	31.83	11.19		60	31.27	1.00
	30	32.05	11.19	<u>Prince Sta. 533</u>			
Oct. 7	0 m.	31.04	11.2	1935			
	10	31.83	11.02	Dec. 7	0 m.	29.96	6.0
	30	32.18	11.00		5	30.01	7.06
Oct. 15	0 m.	31.98	9.9		10	30.21	6.75
	10	31.94	10.46		20	30.62	6.65
	30	32.20	10.24	Dec. 11	0 m.	29.78	6.3
Oct. 21	0 m.	29.25	10.6		5	30.03	6.05
	10	32.09	10.47		10	30.26	6.25
	30	32.34	10.48		20	30.37	6.05
Oct. 28	0 m.	29.96	8.7	1936			
	10	31.47	9.68	Jan. 2	0 m.	30.55	1.0
	30	32.00	9.81		5	30.64	2.72
Nov. 10	0 m.	30.97	8.7		10	31.09	2.72
	10	31.49	7.91		20	31.46	2.53
	30	31.74	8.12	Jan 13	0 m.	29.92	3.0
Nov. 20	0 m.	30.77	5.8		5	30.19	2.83
	10	31.33	6.79		10	30.99	3.03
	30	31.92	7.21		20	31.09	3.05
Nov. 25	0 m.	29.83	4.7	Jan. 21	0 m.	29.67	2.0
	10	31.60	6.30		5	29.79	2.02
	30	31.92	6.59		10	30.39	2.02
Dec. 16	0 m.	28.30	2.9		20	31.04	2.53
	10	31.31	5.02	Feb. 4	0 m.	31.04	0.0
	30	31.53	5.13		5	31.17	0.00
					10	31.26	0.00
					20	31.44	0.20
				Feb. 11	0 m.	31.04	-0.5
					5	31.09	-0.60
					10	31.18	-0.60
					20	31.33	-0.40

ATLANTIC BIOLOGICAL STATION
Hydrographic Date 1936

<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>	<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>
<u>Prince Sta. 533</u>				<u>Prince Sta. 533</u>			
1936				1936			
Feb. 20	0 m.	30.77	-0.5	May 8	0 m.	30.81	6.8
	5	31.00	-0.30		5	30.84	5.34
	10	31.09	-0.30		10	31.04	3.42
	20	31.26	-0.40		20	31.64	2.71
Feb. 27	0 m.	30.50	-0.5	May 15	0 m.	28.89	7.3
	5	30.82	-0.80		5	31.00	5.80
	10	30.91	-1.00		10	31.26	4.23
	20	31.15	-1.20		20	31.40	3.47
Mar. 5	0 m.	30.70	-0.5	May 21	0 m.	30.70	6.0
	5	30.81	-1.1		5	30.75	5.65
	10	30.91	-1.1		10	31.26	4.65
	20	31.06	-1.1		20	31.74	2.40
Mar. 12	0 m.	30.21	1.2	May 29	0 m.	30.73	6.9
	5	30.43	-0.30		5	31.00	6.55
	10	30.79	-0.81		10	31.36	3.31
	20	30.93	-0.91		20	31.76	3.42
Mar. 20	0 m.	23.22	4.0	June 6	0 m.	30.72	11.2
	5	28.86	2.41		5	31.44	4.91
	10	29.00	2.32		10	31.73	3.37
	20	30.50	0.14		20	31.76	3.51
Mar. 27	0 m.	28.48	3.0	June 12	0 m.	30.61	12.7
	5	29.42	1.31		5	31.09	12.34
	10	30.16	0.61		10	31.18	10.04
	20	30.93	0.29		20	31.44	4.71
Apr. 3	0 m.	29.87	3.0	June 20	0 m.	30.77	14.9
	5	30.10	1.39		5	30.97	13.95
	10	30.34	1.40		10	30.91	12.65
	20	31.46	0.60		20	31.35	6.32
Apr. 9	0 m.	29.87	3.0	June 29	0 m.	30.39	13.4
	5	30.34	1.62		5	30.53	8.44
	10	30.95	1.41		10	31.15	5.72
	20	31.31	1.01		20	31.51	5.42
Apr. 18	0 m.	30.23	2.7	July 4	0 m.	30.75	9.3
	5	30.30	2.22		5	31.35	5.64
	10	30.53	2.22		10	31.51	4.65
	20	31.22	1.40		20	31.74	3.11
May 1	0 m.	30.26	5.0	July 9	0 m.	30.91	9.7
	5	30.81	2.73		5	31.36	6.34
	10	31.53	2.73		10	31.56	4.32
	20	31.87	1.71		20	31.64	3.52

ATLANTIC BIOLOGICAL STATION
 Hydrographic Data 1936

<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>	<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>
<u>Prince Sta. 533</u>				<u>Prince Sta. 533</u>			
1936				1936			
July 24	0 m.	31.13	15.7	Oct. 1	0 m.	29.58	10.4
	5	31.11	14.55		5	29.58	10.00
	10	31.11	13.84		10	30.61	9.85
	20	31.35	6.73		20	31.74	6.43
July 31	0 m.	30.64	13.8	Oct. 15	0 m.	30.39	9.2
	5	31.11	11.35		5	30.73	7.85
	10	31.35	7.17		10	31.60	6.85
	20	31.51	5.22		20	32.03	4.64
Aug. 6	0 m.	-	13.4	Oct. 22	0 m.	30.07	8.9
	5	-	10.1		5	30.99	8.40
	10	31.36	6.9		10	31.76	6.04
	20	31.36	6.5		20	32.01	5.04
Aug. 14	0 m.	-	17.2	Oct. 30	0 m.	30.35	8.2
	5	30.95	15.2		5	30.50	7.95
	10	31.17	13.7		10	30.93	7.91
	20	31.02	10.5		20	31.27	7.84
Aug. 21	0 m.	30.68	13.9	Nov. 13	0 m.	30.19	9.3
	5	31.13	10.04		5	30.34	8.05
	10	31.33	8.24		10	30.70	8.45
	20	31.36	7.24		20	30.90	8.65
Aug. 27	0 m.	30.75	14.2	Nov. 21	0 m.	30.48	7.0
	5	31.08	11.64		5	30.68	6.45
	10	31.29	9.74		10	30.91	6.55
	20	31.36	7.93		20	31.73	7.05
Aug. 29	0 m.	31.00	14.1	<u>Zoarces Sta. 50</u>			
	5	30.91	13.65	1936			
	10	31.15	12.28	Feb. 24	0 m.	32.27	-1.5
	20	31.29	9.31		10	32.00	0.02
Sept. 3	0 m.	30.30	15.7		25	32.00	-0.31
	5	30.52	15.45		50	31.98	0.84
	10	30.86	12.77		75	32.16	0.02
	20	31.15	10.33		90	33.87	5.24
Sept. 10	0 m.	30.07	14.2	Apr. 28	0	31.47	2.7
	5	30.55	13.24		10	31.46	2.09
	10	31.13	10.19		25	31.49	2.55
	20	31.74	6.32		50	31.98	1.18
Sept. 18	0 m.	30.62	12.5		75	32.65	1.99
	5	30.99	11.05		90	32.65	2.04
	10	-	12.56	May 21	0 m.	31.55	5.3
	20	31.64	6.74		10	-	5.46
					25	31.51	5.00
					50	32.20	1.55
					75	33.37	4.23
					90	33.53	4.81

ATLANTIC BIOLOGICAL STATION
Hydrographic Data 1936

<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>	<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>
<u>Zoarces Sta. 50</u>				<u>Zoarces Sta. 58</u>			
1936				1936			
June 17	0 m.	31.38	11.9	Nov. 30	0 m.	30.90	6.4
	10	31.33	11.21		10	30.86	7.07
	25	31.92	6.52		25	30.95	7.22
	50	32.29	2.86		50	31.96	5.51
	75	32.56	1.60		75	32.25	4.21
	90	33.17	3.72	<u>Zoarces Sta. 59</u>			
Aug. 22				1936			
	0 m.	31.35	16.9	Feb. 14	0 m.	31.27	0.70
	10	31.31	16.39		10	31.24	-0.73
	25	31.87	5.79		25	31.24	-0.09
	50	32.41	2.03		50	31.27	-0.49
	75	32.92	2.75		75	31.33	-0.10
	90	33.22	3.67		100	32.09	0.82
Nov. 30					150	33.93	6.00
	0 m.	31.11	7.2	May 1			
	10	31.18	7.92		0 m.	31.42	4.2
	25	31.18	7.92		10	31.40	3.11
	50	32.27	5.40		25	31.73	1.78
	75	33.21	4.35		50	32.16	0.96
	90	33.49	4.85		75	32.41	1.03
<u>Zoarces Sta. 58</u>					100	32.74	2.14
1936					150	33.96	5.86
Feb. 20	0 m.	31.35	-0.30	Aug. 29			
Feb.	10	31.35	-0.34		0 m.	30.99	16.6
	25	31.36	-0.81		10	30.95	16.80
	50	31.35	-0.38		25	31.74	7.54
	75	31.42	-0.21		50	32.30	1.96
Apr. 28					75	32.61	2.91
	0 m.	31.56	3.2		100	32.81	1.74
	10	31.46	2.40		150	33.75	5.10
	25	31.78	1.39	Nov. 24			
	50	32.09	1.52		0 m.	31.31	7.3
	75	32.43	1.24		10	31.29	8.52
May 22					25	31.29	8.51
	0 m.	31.51	4.8		50	32.27	6.76
	10	31.47	5.21		75	32.79	3.63
	25	31.82	2.23		100	32.79	4.14
	50	32.20	1.32		150	33.75	5.41
	75	32.36	1.32	<u>Zoarces Sta. 60</u>			
June 17				1936			
	0 m.	31.24	10.7	Feb. 14	0 m.	31.42	-0.50
	10	31.26	11.02		10	31.44	0.0
	25	31.67	3.57		25	31.46	0.01
	50	31.74	1.58		50	31.46	0.10
	75	32.12	1.04		75	31.46	0.01
Aug. 23					100	32.12	1.41
	0 m.	31.09	15.1	May 1			
	10	31.11	15.11		0 m.	31.67	4.0
	25	31.96	4.58		10	31.64	2.70
	50	32.21	2.33		25	31.85	1.18
	75	32.45	2.15		50	32.18	1.05
					75	32.66	1.80
					100	32.77	2.30

ATLANTIC BIOLOGICAL STATION
Hydrographic Data 1936

<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>	<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>
<u>Stations Sta. 60</u>				<u>Stations Sta. 62</u>			
1936				1936			
Aug. 29	0 m.	30.17	16.7	Nov. 23	0 m.	31.00	6.7
	10	30.10	16.69		10	31.04	6.96
	25	31.56	8.31		25	31.56	7.42
	50	31.94	3.22		30	31.89	6.52
	75	32.34	3.43				
	100	32.48	2.06				
<u>Stations Sta. 102</u>				<u>Stations Sta. 121</u>			
1936				1936			
Nov. 24	0 m.	31.24	7.6	May 13	0 m.	30.61	7.49
	10	31.24	8.51		10	31.06	5.09
	25	31.26	8.52		25	31.58	2.54
	50	31.91	6.20		50	31.92	1.09
	75	32.84	3.14		63	32.00	1.18
	100	32.86	3.15				
<u>Stations Sta. 61</u>				<u>Stations Sta. 122</u>			
1936				1936			
Feb. 14	0 m.	31.31	-1.00	Feb. 27	0 m.	31.35	0.0
	10	31.48	0.10		10	31.42	0.15
	25	31.47	-0.04		25	31.40	0.05
	50	31.49	0.19		45	31.46	0.00
May 1	0 m.	-	4.7	Apr. 27	0 m.	32.03	5.1
	10	31.49	2.59		10	32.01	3.49
	25	31.74	1.20		25	32.05	3.44
	50	32.23	1.14		45	32.38	3.38
Aug. 29	0 m.	30.37	17.0	May 21	0 m.	32.18	5.4
	10	31.00	13.72		10	32.16	5.50
	25	31.08	9.82		25	32.20	4.86
	50	31.29	7.40		45	32.34	3.02
Nov. 24	0 m.	31.29	7.4	June 18	0 m.	31.92	10.6
	10	31.26	8.12		10	32.07	8.95
	25	31.36	7.77		25	32.12	3.86
	50	32.34	3.96		45	32.16	2.86
<u>Stations Sta. 62</u>				<u>Stations Sta. 122</u>			
1936				1936			
Feb. 14	0 m.	31.46	-0.9	Aug. 22	0 m.	31.53	9.4
	10	31.42	-0.20		10	31.71	5.88
	25	31.46	-0.50		25	31.87	2.77
	30	31.44	1.52		45	31.91	3.97
May 1	0 m.	31.04	5.4	Dec. 5	0 m.	31.44	5.9
	10	31.58	2.84		10	31.47	6.53
	25	31.83	1.44		25	31.49	6.42
	30 m.	31.85	1.28		45	31.49	6.32
Aug. 29	0 m.	31.00	16.4	Feb. 27	0 m.	31.64	0.8
	10	31.02	15.15		10	31.67	0.62
	25	31.27	10.48		25	31.65	0.80
	30	31.36	8.63		50	31.78	1.03
					60	31.74	1.00

ATLANTIC BIOLOGICAL STATION
Hydrographic Data 1936

Date	Depth	Sal.	Temp.	Date	Depth	Sal.	Temp.
<u>Seagrass Sta. 124</u>				<u>Seagrass Station 126</u>			
1936				1936			
June 17	0 m.	31.67	10.6	Feb. 24	0 m.	31.33	-1.5
	10	31.53	10.80		10	31.26	-0.98
	25	31.56	10.31		25	31.22	-1.00
	50	31.94	3.91		50	31.49	0.02
	75	32.27	2.19		75	32.05	0.87
	80	32.29	2.19		100	32.18	1.04
					140	33.22	4.08
Aug. 22	0 m.	31.62	14.7	Apr. 28	0 m.	31.35	3.4
	10	31.55	12.13		10	31.44	2.45
	25	31.73	8.42		25	31.40	1.94
	50	32.29	3.14		50	32.01	1.84
	75	32.61	2.83		75	32.66	1.90
	80	32.68	2.44		100	33.51	4.72
					140	34.23	6.66
<u>Seagrass Sta. 125</u>							
1936							
Apr. 28	0 m.	31.56	2.8	May 22	0	31.51	4.9
	10	31.51	2.60		10	31.49	5.00
	25	31.53	2.43		25	31.56	4.45
	50	31.83	0.74		50	32.29	1.56
	75	32.34	1.21		75	32.47	1.10
	100	32.72	1.95		100	32.95	2.70
	150	33.69	5.16		140	33.71	5.11
	200	34.36	6.63	June 17	0 m.	31.35	10.4
May 21	0	31.56	5.9		10	31.35	10.37
	10	31.49	5.90		25	32.01	4.67
	25	-	5.91		50	32.09	0.67
	50	31.87	2.33		75	32.47	0.74
	75	32.21	1.35		100	33.12	3.29
	100	32.61	1.69		140	33.96	5.84
	150	34.11	6.22	Aug. 23	0 m.	31.27	15.2
	200	34.43	6.79		10	31.24	15.30
June 17	0 m.	31.42	10.6		25	31.87	5.00
	10	31.38	11.00		50	31.94	2.08
	25	31.53	7.08		75	32.88	2.70
	50	32.18	2.43		100	33.51	4.40
	75	32.57	1.88		140	34.14	6.13
	100	33.35	4.06	Nov. 30	0 m.	30.90	6.7
	150	33.96	5.90		10	30.90	7.12
	200	34.54	7.34		25	30.90	7.12
Aug. 22	0 m.	31.17	16.9		50	32.61	6.52
	10	31.13	16.64		75	33.12	3.98
	25	31.22	14.03		100	33.55	4.91
	50	32.20	2.72		140	34.29	6.98
	75	32.75	2.77				
	100	33.39	4.59				
	150	34.18	6.63				
	190	34.45	6.96				

ATLANTIC BIOLOGICAL STATION
Hydrographic Data 1936

<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>	<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>
<u>Source Sta. 127</u>				<u>Source Sta. 128</u>			
1936				1936			
May 24	0 m.	31.29	5.3	Nov. 14	0 m.	30.91	8.9
	10	31.33	3.82		10	30.90	9.61
	25	31.60	1.87		25	30.99	10.02
	50	31.96	0.52		50	31.56	10.95
	73	32.03	0.52		75	32.92	4.74
					100	33.30	4.86
June 11	0 m.	31.09	11.0		150	33.93	5.68
	10	31.09	9.90		185	34.20	6.26
	25	31.56	1.90				
	50	31.91	0.51	<u>Source Sta. 129</u>			
	73	32.10	0.45	1936			
Aug. 26	0 m.	30.14	16.4	May 24	0 m.	32.00	5.7
	10	30.14	16.32		10	31.92	6.41
	25	31.26	8.88		25	31.96	5.84
	50	32.12	3.85		50	32.25	3.40
	75	32.61	4.03		63	32.14	2.76
Nov. 14	0 m.	30.82	9.3	June 11	0 m.	31.55	11.1
	10	30.81	9.91		10	31.55	10.71
	25	30.81	9.87		25	31.96	6.42
	50	31.33	9.02		50	32.36	2.92
	73	32.25	3.98		63	32.68	2.52
<u>Source Sta. 128</u>				Aug. 26	0 m.	31.42	18.6
1936					10	31.36	18.39
May 24	0 m.	31.82	5.9		25	31.64	10.36
	10	31.78	5.75		50	31.98	6.43
	25	31.39	5.31		61	32.16	4.50
	50	32.14	2.41	<u>Source Sta. 130</u>			
	75	32.77	2.22	1936			
	100	33.58	4.90	May 25	0 m.	31.83	5.9
	150	34.18	6.63		10	31.80	5.81
	190	34.40	6.89		25	31.49	3.19
June 11	0 m.	31.15	10.3		50	32.21	3.97
	10	31.17	7.80		60	32.36	2.78
	25	31.58	4.15	June 10	0 m.	31.71	11.0
	50	32.07	0.53		10	31.62	9.46
	75	32.50	1.29		25	31.85	6.43
	100	32.83	1.63		50	32.36	3.02
	150	34.34	6.74		60	32.54	2.73
	160	34.78	7.04	Aug. 26	0 m.	31.29	17.4
Aug. 26	0 m.	31.24	17.7		10	31.36	17.24
	10	31.18	17.99		25	31.65	12.90
	25	31.80	7.41		50	32.09	4.85
	50	32.36	2.20		58	32.20	6.25
	75	32.75	2.13				
	100	32.97	2.62				
	150	33.87	6.25				
	180	34.22	6.57				

ATLANTIC BIOLOGICAL STATION
Hydrographic Data 1936

Date	Depth	Sal.	Temp.	Date	Depth	Sal.	Temp.
<u>Coarces Sta. 146</u>				<u>Coarces Sta. 180</u>			
1936				1936			
May 29	0 m.	30.88	4.8	Jan. 13	0 m.	31.51	3.0
	10	30.86	4.22		5	31.51	3.17
	25	31.29	2.68		10	31.46	3.17
	75	32.36	0.71		15	31.47	3.19
<u>Coarces Sta. 147</u>				Mar. 14			
1936				0 m.			
May 29	0 m.	30.82	4.7		5	28.39	1.79
	10	30.81	3.62		10	28.91	1.69
	25	31.08	2.89		15	29.22	1.80
	50	31.31	2.41	Apr. 14			
	65	31.82	1.42		0 m.	29.69	2.7
<u>Coarces Sta. 148</u>					5	29.70	2.76
1936					10	29.67	2.80
May 29	0 m.	30.48	5.8		15	29.70	2.75
	10	30.50	4.58	May 22			
	25	30.84	3.69		0 m.	31.27	5.5
	48	31.11	2.18		5	31.29	5.35
<u>Coarces Sta. 173</u>					10	31.26	5.29
1936					15	31.26	5.37
May 28	0 m.	30.61	4.3	June 17			
	10	30.68	4.45		0 m.	30.93	9.4
	25	30.70	4.00		5	30.93	8.84
<u>Coarces Sta. 174</u>					10	30.91	8.85
1936					15	30.90	8.85
May 28	0 m.	30.77	4.0	July 20			
	10	30.79	3.88		0 m.	31.89	10.4
	25	30.84	3.64		5	31.87	9.47
	50	30.86	3.58		10	31.89	9.49
	75	31.53	1.77		15	31.87	9.59
	100	32.25	0.85	<u>Coarces Sta. 221</u>			
	110	32.88	0.30	1936			
<u>Coarces Sta. 175</u>				May 28	0 m.	30.86	4.6
1936					10	30.82	3.67
May 28	0 m.	30.66	4.3		25	31.29	2.19
	10	30.75	3.77		50	31.67	0.75
	25	30.79	3.85		75	32.30	0.78
	50	31.11	3.05		100	32.94	0.59
	75	31.46	1.47		150	33.75	2.41
	100	32.09	0.75		200	34.18	3.72
	135	33.15	1.27	<u>Fringe Sta. 520</u>			
<u>Coarces Sta. 176</u>				1936			
1936				May 26	0	17.79	7.1
May 29	0 m.	30.17	6.29		10	21.83	5.89
	10	30.53	4.43		25	22.41	4.80
	25	30.75	4.09		50	22.81	0.34
					75	23.08	0.44
					100	23.10	0.37