

Part B

THE CANADIAN BUREAU OF  
FISHERIES  
BIOLOGICAL STATION  
HALIFAX, N.S.

MANUSCRIPT REPORTS 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. Hachay

**FISHERIES RESEARCH BOARD  
OF CANADA**

MANUSCRIPT REPORTS OF THE BIOLOGICAL STATIONS

No. 356

Title

Some Canadian Hydrographic Data  
Atlantic Coast - 1939

Author

H. B. Hachey

FISHERIES RESEARCH BOARD OF CANADA

SOME CANADIAN HYDROGRAPHIC DATA ATLANTIC COAST - 1939

by

H. B. Hachey

The hydrographic data collected on the Atlantic Coast, by the Fisheries Research Board of Canada, are presented annually, in the form of Manuscript Reports. The data contained herein consist of those collected in connection with investigations of the waters of the Scotian shelf.

The location of most stations are given in previous manuscript reports. Additional locations are given as follows:

	Latitude				Longitude		
106	44	29	15	N	63	54	10 W
138	44	30	20	N	63	30	20 W
279	43	37	48	N	65	03	30 W
280	43	30	20	N	65	01	10 W
285	43	54	00	N	66	13	0 W
286	46	56	00	N	65	13	45 W
287	46	57	45	N	65	02	40 W

Data for the following stations are tabulated:

Prince Stations 5, 6 and 533.

Zoarces Stations 50, 58, 60, 61, 62, 106, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 138, 279, 280, 285, 286, and 287.

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

## ATLANTIC BIOLOGICAL STATION

## Hydrographic Data 1939

<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>			
1939				1939			
Jan. 13	0 m.	32.52	5.1	Aug. 14	0 m.	31.92	11.2
	25 m.	32.52	5.21		10 m.	31.96	10.23
	50 m.	32.56	<b>5.38</b>		25 m.	32.05	10.00
	90 m.	---	5.70		50 m.	32.14	9.59
					75 m.	32.39	8.20
Mar. 4	0 m.	32.30	1.7		90 m.	32.61	7.60
	10 m.	32.18	1.50	Sept. 14	0 m.	32.30	10.8
	25 m.	32.16	1.42		10	32.30	10.60
	50 m.	32.16	1.50		25	32.32	10.59
	75 m.	32.30	1.83		50	32.36	10.42
	90 m.	32.30	1.90		75	32.36	10.40
Mar. 15	0 m.	32.14	1.3		90	32.39	10.10
	10	32.14	1.01	Nov. 5	0 m.	32.59	8.4
	25	32.16	0.91		10	32.54	8.83
	50	32.16	1.01		25	32.57	8.90
	75	32.18	1.01		50	32.59	8.93
	90	32.29	1.00		75	32.70	9.00
Apr. 13	0 m.	31.51	1.4		90	32.72	9.03
	10	31.60	1.01	Nov. 29	0 m.	32.39	5.8
	25	31.64	1.10		10	32.36	6.42
	50	31.49	1.20		25	32.50	6.59
	75	32.03	1.20		50	32.57	6.82
	90	32.03	1.30		75	32.77	7.01
May 15	0 m.	31.06	3.9		90	33.12	7.42
	10	31.20	3.60	Dec. 13	0 m.	32.65	5.0
	25	31.42	3.06		10	32.68	6.22
	50	31.60	2.79		25	32.70	6.10
	75	31.91	2.64		50	32.68	6.22
	90	32.00	2.59		75	32.70	6.11
June 15	0 m.	31.24	6.7		90	32.72	6.22
	10	31.44	5.81				
	25	31.49	5.74				
	50	31.64	5.37				
	75	---	4.81				
	90	32.39	4.43				
July 11	0 m.	31.42	13.0				
	10	31.60	8.40				
	25	31.74	7.75				
	50	31.87	7.23				
	75	32.21	6.08				
	90	32.25	6.03				

ATLANTIC BIOLOGICAL STATION  
Hydrographic Data 1939

<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 Station 6</u>				<u>Prince Station 6</u>			
1939				1939			
Jan. 10	0 m.	29.85	2.2	Jun. 2	0 m.	29.88	7.2
	10	31.26	3.75		10	30.62	5.78
	30	31.60	4.08		30	31.02	5.29
Jan. 24	0 m.	30.37	0.7	Jun. 7	0 m.	29.90	7.9
	10	31.53	2.36		10 m.	30.66	6.79
	30	31.98	2.84		30	31.06	5.83
Feb. 6	0 m.	31.73	1.5	Jun. 16	0 m.	30.03	8.2
	10	31.83	1.19		10	31.02	6.50
	30	32.12	1.55		30	31.11	6.38
Mar. 9	0 m.	31.00	-0.2	Jun. 20	0 m.	30.43	9.1
	10	31.62	0.82		10	31.06	7.21
	30	31.62	1.01		30	31.15	6.99
Mar. 15	0 m.	29.04	0.7	Jun. 29	0 m.	30.55	9.6
	10	30.86	-0.12		10	30.93	8.21
	30	31.47	0.20		30	31.22	7.64
Mar. 22	0 m.	30.66	0.6	July 6	0 m.	29.52	12.2
	10	31.22	0.29		10	30.35	9.19
	30	31.55	0.40		30	31.09	8.66
Mar. 29	0 m.	28.24	1.2	July 18	0 m.	30.28	11.4
	10	30.46	0.39		10	31.17	9.52
	30	31.26	0.60		30	31.35	9.33
Apr. 5	0 m.	30.53	1.6	July 25	0 m.	28.91	15.3
	10	30.99	0.89		10	31.29	9.98
	30	31.20	0.90		30	31.53	12.99
Apr. 11	0 m.	29.14	1.5	Aug. 2	0 m.	30.03	13.3
	10	29.14	1.43		10	31.11	11.10
	30	31.11	1.20		30	31.60	10.17
May 1	0 m.	25.68	3.9	Aug. 10	0 m.	27.34	16.1
	10	29.33	2.85		10	31.15	11.27
	30	30.48	2.40		30	31.66	10.62
May 11	0 m.	21.58	7.1	Aug. 17	0 m.	31.22	12.5
	10	30.05	3.34		10	31.42	11.80
	30	30.41	3.18		30	31.73	11.18
May 17	0 m.	26.92	6.8	Aug. 23	0 m.	29.20	15.0
	10	29.99	4.04		10	31.58	11.58
	30	30.44	3.80		30	31.83	11.23
May 25	0 m.	29.45	7.1	Aug. 30	0 m.	30.90	13.6
	10	30.44	5.04		10	31.58	12.27
	30	30.88	4.60		30	31.80	13.84

ATLANTIC BIOLOGICAL STATION

Hydrographic Data 1939

<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 Station 6</u>				<u>Prince Station 6</u>			
1939				1939			
Sept. 8	0 m.	30.50	12.3	Nov. 29	0 m.	31.56	5.0
	10 "	31.73	12.08		10	----	5.31
	30 "	31.91	11.80		30	32.05	5.62
Sept. 13	0 m.	31.35	12.7	Dec. 7	0 m.	30.91	4.4
	10	31.87	11.94		10	31.67	5.51
	30	32.00	11.77		30	32.16	5.92
Sept. 20	0 m.	30.77	12.3	Dec. 13	0 m.	31.47	3.5
	10	31.71	11.79		10	31.53	4.30
	30	31.98	11.55		30	32.10	4.63
Sept. 26	0 m.	31.73	11.7	Dec. 22	0 m.	31.47	3.5
	10	31.76	11.55		10	31.20	4.42
	30	32.12	11.28		30	32.01	4.42
Oct. 3	0 m.	31.53	11.4	Dec. 28	0 m.	31.69	-1.0
	10	32.00	11.06		10	31.80	2.98
	30	32.10	11.06		30	31.89	3.03
Oct. 17	0 m.	30.77	10.6				
	10	31.40	10.78				
	30	31.92	10.76				
Nov. 16	0 m.	30.61	6.6				
	10	31.53	7.05				
	30	32.14	7.58				

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ATLANTIC BIOLOGICAL STATION  
Hydrographic Data 1939

<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 Station 533</u>				<u>Prince Station 533</u>			
1939				1939			
Jan. 6	0 m.	30.57	1.5	Apr. 28	0 m.	27.95	4.2
	5	30.64	1.30		5	30.30	2.19
	10	30.90	1.39		10	31.42	0.29
	20	31.15	2.19		20	31.69	-0.01
Jan. 14	0 m.	30.68	0.8	May 11	0 m.	28.17	7.6
	5	30.73	1.00		5	30.44	3.74
	10	30.77	1.20		10	30.75	2.39
	20	30.91	1.31		20	30.99	1.34
Feb. 3	0 m.	30.57	0.0	May 19	0 m.	30.55	7.0
	5	30.79	0.00		5	30.23	5.49
	10	30.90	0.00		10	29.78	4.99
	20	31.13	-0.01		20	30.86	2.68
Feb. 10	0 m.	30.84	-0.2	May 25	0 m.	29.76	7.3
	5	30.86	-0.50		5	30.05	5.68
	10	30.93	-0.60		10	30.86	5.19
	20	31.02	-0.71		20	31.06	2.55
Feb. 18	0 m.	30.26	-0.3	June 1	0 m.	30.32	7.9
	5	30.44	-0.50		5	30.53	4.80
	10	30.55	-0.30		10	31.35	2.38
	20	30.99	-0.65		20	31.51	1.98
Feb. 25	0 m.	30.14	0.0	June 8	0 m.	30.75	6.3
	5	30.14	-0.50		5	31.00	3.99
	10	30.34	-0.30		10	31.35	2.94
	20	31.15	-0.30		20	31.60	1.78
Mar. 15	0 m.	31.09	0.5	Jun. 17	0 m.	30.77	9.3
	5	31.02	-0.50		5	30.81	7.46
	10	31.04	-0.50		10	31.18	5.68
	20	31.40	-0.51		20	31.42	3.78
Mar. 30	0 m.	30.86	0.8	Jun. 22	0 m.	31.08	7.5
	5	31.00	-0.10		5	31.20	5.39
	10	31.27	-0.21		10	31.36	5.48
	20	31.40	-0.20		20	31.65	2.77
Apr. 12	0 m.	29.49	1.5	Jun. 29	0 m.	30.91	9.9
	5	30.52	0.49		5	31.02	10.70
	10	30.99	0.29		10	31.04	10.65
	20	31.27	-0.02		20	31.13	5.98
Apr. 20	0 m.	29.52	2.5	July 6	0 m.	29.49	11.1
	5	30.37	1.39		5	30.64	11.14
	10	30.61	1.09		10	30.95	10.74
	20	31.67	-0.21		20	31.09	7.95

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ATLANTIC BIOLOGICAL STATION  
Hydrographic Data 1939

<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 Station 533</u>				<u>Prince Station 533</u>			
1939				1939			
July 13	0 m.	30.08	16.0	Sept. 21	0 m.	31.06	9.7
	5	30.52	14.46		5	31.20	8.27
	10	30.66	12.66		10	31.22	8.17
	20	31.29	5.74		20	31.53	5.39
July 20	0 m.	30.08	14.0	Sept. 27	0 m.	31.22	10.0
	5	30.72	7.85		5	----	9.15
	10	31.18	6.37		10	31.24	9.64
	20	31.33	4.96		20	31.31	8.17
July 27	0 m.	30.30	14.0	Oct. 7	0 m.	30.62	14.7
	5	30.50	12.34		5	30.62	14.46
	10	30.81	10.13		10	30.64	14.26
	20	31.38	4.75		20	30.79	10.15
Aug. 3	0 m.	30.53	15.9	Oct. 12	0 m.	30.57	14.2
	5	30.68	12.45		5	30.55	14.05
	10	30.72	11.94		10	30.64	13.76
	20	31.29	6.16		20	30.75	12.44
Aug. 10	0 m.	30.23	17.6	Oct. 19	0 m.	31.04	9.5
	5	30.35	15.96		5	31.06	9.45
	10	30.64	12.70		10	31.18	10.97
	20	31.29	5.77		20	31.83	4.19
Aug. 17	0 m.	30.68	15.7	Oct. 26	0 m.	31.11	9.0
	5	30.68	12.95		5	31.04	8.07
	10	30.77	11.64		10	31.27	8.07
	20	31.22	6.95		20	31.62	6.18
Aug. 24	0 m.	30.64	19.6	Nov. 2	0 m.	29.16	8.5
	5	30.90	18.39		5	30.62	8.46
	10	30.90	17.17		10	30.93	8.07
	20	31.13	7.74		20	31.33	6.98
Aug. 31	0 m.	30.95	19.4	Nov. 9	0 m.	30.07	7.0
	5	30.88	19.50		5	30.28	7.28
	10	30.84	19.40		10	30.75	7.28
	20	30.91	17.57		20	31.27	6.93
Sept. 7	0 m.	30.68	17.8	Nov. 17	0 m.	31.13	6.0
	5	30.62	18.29		5	31.26	5.20
	10	30.88	13.76		10	31.33	4.20
	20	----	5.67		20	31.80	3.60
Sept. 14	0 m.	31.33	10.7	Nov. 27	0 m.	30.90	4.6
	5	31.15	9.16		5	30.84	4.00
	10	31.49	5.97		10	30.84	4.00
	20	31.85	3.18		20	30.88	3.80

ATLANTIC BIOLOGICAL STATION

Hydrographic data 1939

<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 Station 533</u>				<u>Zoarces Station 61</u>			
1939				1939			
Nov. 30	0 m.	30.82	4.0	Sept. 8	0 m.	30.99	16.3
	5	30.81	3.90		10	31.24	10.23
	10	30.81	3.80		25	32.03	1.98
	20	----	3.39		50	32.72	1.59
Dec. 13	0 m.	30.68	3.3	<u>Zoarces Station 62</u>			
	5	30.86	3.20	1939			
	10	30.86	3.40	Sept. 8	0 m.	30.84	15.6
	20	31.02	3.59		10	31.06	10.90
<u>Zoarces Station 50</u>					25	32.16	1.05
1939					30	32.25	0.95
Jan. 21	0 m.	31.17	0.8	<u>Zoarces Station 121</u>			
	10	31.17	0.80	1939			
	25	31.20	1.33	Jan. 22	0 m.	31.22	3.2
	50	31.56	2.41		10	31.22	1.83
	75	32.86	4.87		25	31.26	1.90
	90	33.44	4.54	June 15	0 m.	31.31	7.1
Jun. 15	0 m.	31.44	9.6		10	31.47	6.62
	10	31.40	9.52		25	31.69	3.02
	25	31.67	5.27		45	32.03	1.38
	50	32.01	-0.13	<u>Zoarces Station 122</u>			
	75	32.32	0.23	1939			
	95	33.15	3.19	Jan. 22	0 m.	31.26	2.2
<u>Zoarces Station 58</u>					10	31.33	2.40
1939					25	31.42	2.45
Jan. 21	0 m.	31.08	0.8		50	31.36	2.67
	10	31.13	0.68	Jun. 15	0 m.	31.24	9.6
	25	31.13	1.00		10	31.24	9.08
	50	31.18	1.22		25	31.31	6.80
	75	31.29	1.81		50	31.76	1.04
Jun. 16	0 m.	31.20	9.0		62	32.01	0.75
	10	31.20	8.30	<u>Zoarces Station 123</u>			
	25	31.69	1.58	1939			
	50	31.87	0.04	Jan. 22	0 m.	31.17	2.0
	75	32.16	0.17		10	31.17	1.84
<u>Zoarces Station 60</u>					25	31.17	2.00
1939					50	31.20	2.04
Sept. 8	0 m.	31.02	16.1		75	31.26	2.82
	10	31.40	7.67		100	32.32	2.14
	25	32.00	3.20		150	33.44	4.63
	50	32.14	1.80				
	75	32.79	1.99				
	100	33.75	5.12				

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ATLANTIC BIOLOGICAL STATION

Hydrographic data 1939

<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Tamp.</u>	<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>
<u>Zoarces Station 123</u>				<u>Zoarces Station 126</u>			
1939				1939			
Jun. 15	0 m.	31.27	10.0	Jan. 21	0 m.	31.08	0.2
	10	31.27	8.81		10	31.08	0.00
	25	31.46	5.47		25	31.08	0.20
	50	31.74	0.97		50	31.22	0.83
	75	32.05	0.14		75	31.33	1.21
	100	32.39	0.97		100	31.47	1.86
	150	33.51	4.49		140	32.95	3.44
	170	33.96	5.81				
Sept. 23	0 m.	31.83	14.7	Jun. 16	0 m.	31.13	9.7
	10	31.76	14.60		10	31.13	9.70
	25	31.82	14.31		25	31.82	3.59
	50	32.27	4.36		50	32.00	0.15
	75	32.38	1.81		75	32.29	0.26
	100	32.68	2.15		100	32.74	0.93
	150	33.91	5.46		150	33.93	5.64
	166	34.00	5.77				
<u>Zoarces Station 124</u>				<u>Zoarces Station 126</u>			
1939				1939			
Jan. 22	0 m.	31.24	2.2	Sept. 22	0 m.	31.17	15.3
	10	31.24	2.04		10	31.17	15.70
	25	31.24	2.00		25	32.09	9.52
	50	31.24	2.04		50	32.25	1.03
	75	31.98	3.02		75	32.68	1.26
Jun. 15	0 m.	31.17	10.8		100	32.77	1.46
	10	31.15	9.79		140	33.40	3.90
	25	31.76	2.16	<u>Zoarces Station 127</u>			
	50	31.98	0.54	1939			
	75	32.29	0.96	Jan. 21	0 m.	30.77	-0.1
	85	32.29	1.17		10	30.77	-0.20
<u>Zoarces Station 125</u>					25	30.99	0.10
1939					50	30.99	0.19
Jan. 22	0 m.	31.13	1.0		75	30.99	0.60
	10	31.13	1.30	<u>Zoarces Station 127</u>			
	25	31.24	1.84	1939			
	50	31.33	2.10	Jan. 21	0 m.	30.77	-0.1
	75	31.80	3.07		10	30.77	-0.20
	100	33.55	4.83		25	30.99	0.10
	150	34.14	6.45		50	30.99	0.19
	200	34.52	7.76		75	30.99	0.60
Jun. 15	0 m.	31.53	9.4	Jun. 19	0 m.	30.88	6.4
	10	31.56	9.02		10	30.88	6.31
	25	31.82	2.60		25	31.60	4.81
	50	32.03	-0.23		50	31.80	0.35
	75	32.18	-0.26		75	32.07	-0.24
	100	32.56	1.18	Sept. 3	0 m.	30.48	19.4
	150	33.87	5.42		10	31.27	18.48
	200	34.54	7.25		25	31.13	8.97
					50	31.96	1.93
					75	32.59	0.63

ATLANTIC BIOLOGICAL STATION

Hydrographic data 1939

<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 Station 128</u>				<u>Zoarces Station 130</u>			
1939				1939			
Jan. 21	0 m.	31.46	1.2	Jan. 20	0 m.	31.75	1.5
	10	31.46	1.11		10	31.58	1.41
	25	31.65	1.22		25	31.62	1.22
	50	31.69	1.40		50	31.65	1.31
	75	32.45	2.46				
	100	33.08	3.42	Jun. 19	0 m.	31.80	6.9
	150	34.14	6.56		10	31.76	6.59
	200	34.56	7.87		25	31.91	6.11
Jun. 19	0 m.	31.55	7.9		50	32.34	2.40
	10	31.51	7.81		60	32.88	1.99
	25	31.98	3.63	Sept. 3	0 m.	31.51	16.8
	50	32.27	0.57		10	31.58	17.08
	75	32.63	1.17		25	32.01	10.78
	100	33.24	3.51		50	32.45	5.92
	150	34.05	6.12		65	32.72	2.83
	182	34.31	6.63				
Sept. 3	0 m.	31.40	19.1	<u>Zoarces Station 131</u>			
	10	31.69	18.80	1939			
	25	31.67	17.67	Jan. 20	0 m.	31.33	0.8
	50	32.27	1.92		10	31.27	0.81
	75	32.77	1.31		25	31.27	0.83
	100	33.57	4.26		35	31.40	0.61
	150	34.25	6.55	Jun. 20	0 m.	31.47	6.9
	180	34.47	7.20		10	31.64	6.22
					25	31.76	3.34
					35	31.96	2.19
<u>Zoarces Station 129</u>							
1939							
Jan. 21	0 m.	31.69	3.0	Sept. 3	0 m.	31.11	16.9
	10	31.65	3.07		10	30.99	17.18
	25	31.65	3.07		25	31.40	6.45
	50	31.80	3.63		38	31.58	5.35
June 19	0 m.	31.91	9.3	<u>Zoarces Station 132</u>			
	10	31.91	8.39	1939			
	25	31.91	7.11	Jan. 20	0 m.	31.38	0.0
	50	32.25	2.81		10	31.33	0.01
	60	32.52	2.18		25	31.38	0.01
					50	32.14	1.22
Sept. 3	0 m.	31.53	17.6		75	32.52	1.55
	10	31.58	17.49		100	32.63	1.62
	25	32.03	9.79		150	32.66	1.44
	50	32.32	5.52		200	32.77	1.41
	75	32.86	3.36				

ATLANTIC BIOLOGICAL STATION

Hydrographic data 1939

<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 Station 132</u>				<u>Zoarces Station 134</u>			
1939				1939			
Jun. 20	0 m.	30.86	6.7	Jun. 20	0 m.	30.62	6.2
	10 m.	30.86	6.72		10	30.62	5.69
	25	31.60	3.96		25	30.79	4.62
	50	32.05	0.58		50	31.46	1.09
	75	32.25	-0.04		75	32.23	-0.33
	100	32.52	0.27		100	32.45	-0.24
	150	32.70	0.57		125	32.74	0.17
	200	32.84	0.99				
Sept. 2	0 m.	30.81	17.7	Sept. 2	0 m.	30.25	18.6
	10	30.86	18.11		10	30.16	17.97
	25	31.31	7.44		25	30.34	15.07
	50	32.10	0.65		50	31.56	4.71
	75	32.36	0.08		75	32.36	0.31
	100	32.50	0.35		100	32.97	0.36
	150	32.72	0.60		125	32.99	0.72
	200	32.79	0.78				
<u>Zoarces Station 133</u>				<u>Zoarces Station 106</u>			
1939				1939			
Jan. 18	0 m.	31.27	-0.5	May 18	0 m.	30.88	6.2
	10	31.27	0.01		10	30.90	5.62
	25	31.27	0.21		25	31.11	4.10
	50	31.87	1.04		45	31.58	1.08
	65	32.27	1.42				
Jun. 20	0 m.	30.77	6.6	<u>Zoarces Station 138</u>			
	10	30.77	5.99	1939			
	25	31.56	3.91	May 18	0 m.	29.40	7.2
	50	31.94	-0.26		10	30.84	5.82
	75	32.32	-0.43		25	31.22	2.61
					45	31.65	0.47
Sept. 2	0 m.	30.48	17.2	<u>Zoarces Station 279</u>			
	10	30.75	17.58	1939			
	25	31.36	6.35	Feb. 6	0 m.	31.44	1.2
	50	31.92	1.74		10	31.35	0.20
	65	32.16	0.82		25	31.35	0.14
					37	31.42	0.20
<u>Zoarces Station 134</u>				Feb. 17	0 m.	31.29	0.5
1939					10	31.29	0.20
Jan. 18	0 m.	31.02	1.3		25	31.29	0.07
	10	31.02	-0.49		37	31.33	0.20
	25	30.97	0.82	Feb. 28	0 m.	31.40	2.0
	50	31.36	0.61		10	31.40	1.01
	75	31.51	0.62		25	31.40	0.98
	100	31.44	0.71		40	31.38	1.20
	125	31.71	1.21				

ATLANTIC BIOLOGICAL STATION

Hydrographic data 1939

<u>Date</u>	<u>Depth</u>	<u>Sal.</u>	<u>Temp.</u>
<u>Zoarces Station 280</u>			
1939			
Feb. 17	0 m.	31.49	0.4
	10	31.44	0.81
	25	31.49	0.82
	50	31.49	0.81
	75	31.53	0.82
	100	32.29	2.84

Feb. 24	0 m.	31.35	1.0
	10	31.44	0.61
	25	31.31	0.61
	50	31.40	0.81
	75	31.49	0.79
	90	31.76	1.51

<u>Zoarces Station 285</u>			
1939			
May 15	0 m.	31.46	5.6
	10	31.56	4.88
	25	31.44	4.90

<u>Zoarces Station 286</u>			
1939			
July 31	0 m.	22.83	20.9
	5	24.67	20.26
	8	25.41	19.82

<u>Zoarces Station 287</u>			
1939			
July 31	0 m.	24.79	20.1
	5	25.64	19.05
	10	27.43	15.91