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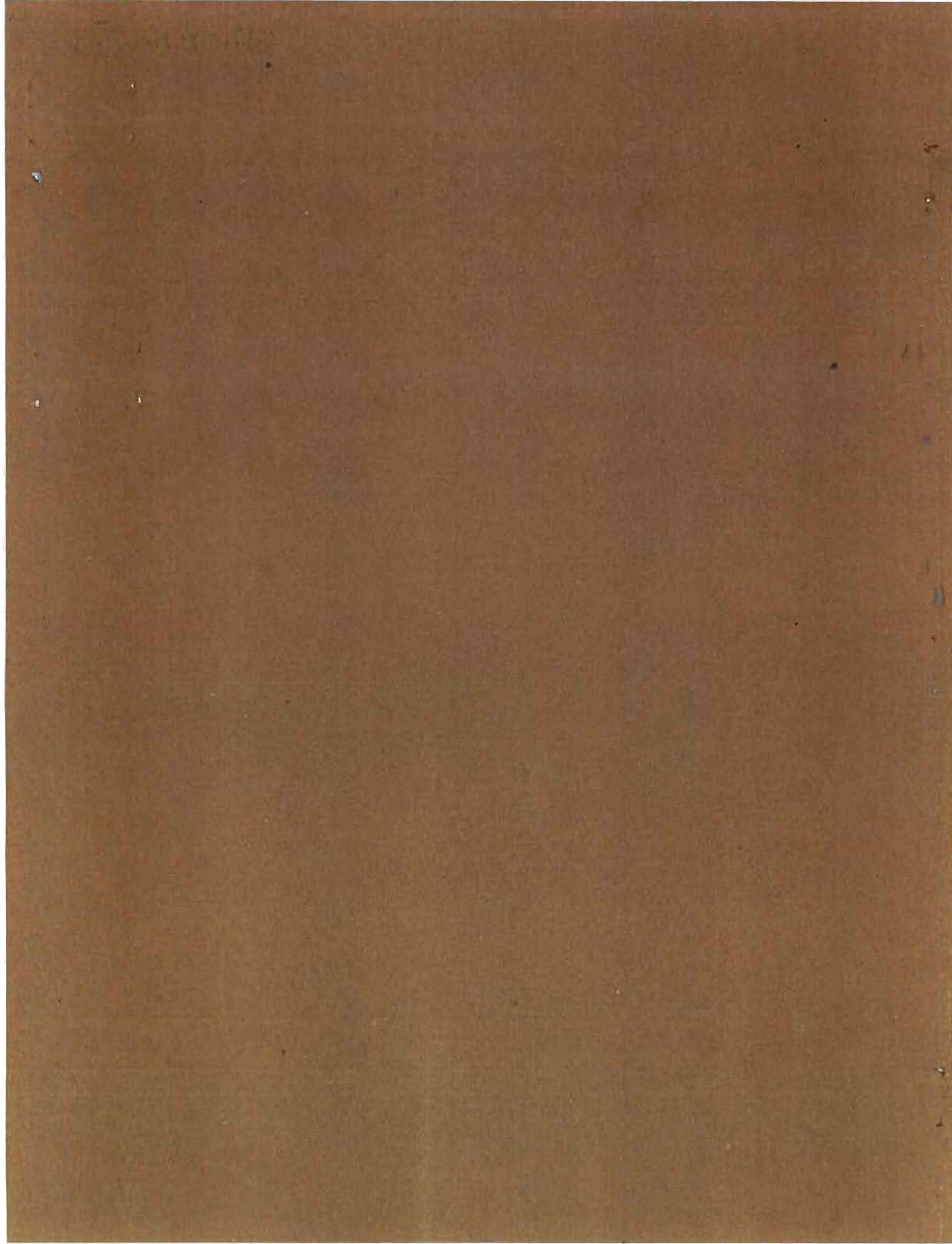
Observations of Sea Water Temperature, Salinity, and Density
on the Pacific Coast of Canada

Volume X

Prepared by
Pacific Oceanographic Group

1951

JAN 29 1952



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OBSERVATIONS

—OF—

SEA WATER

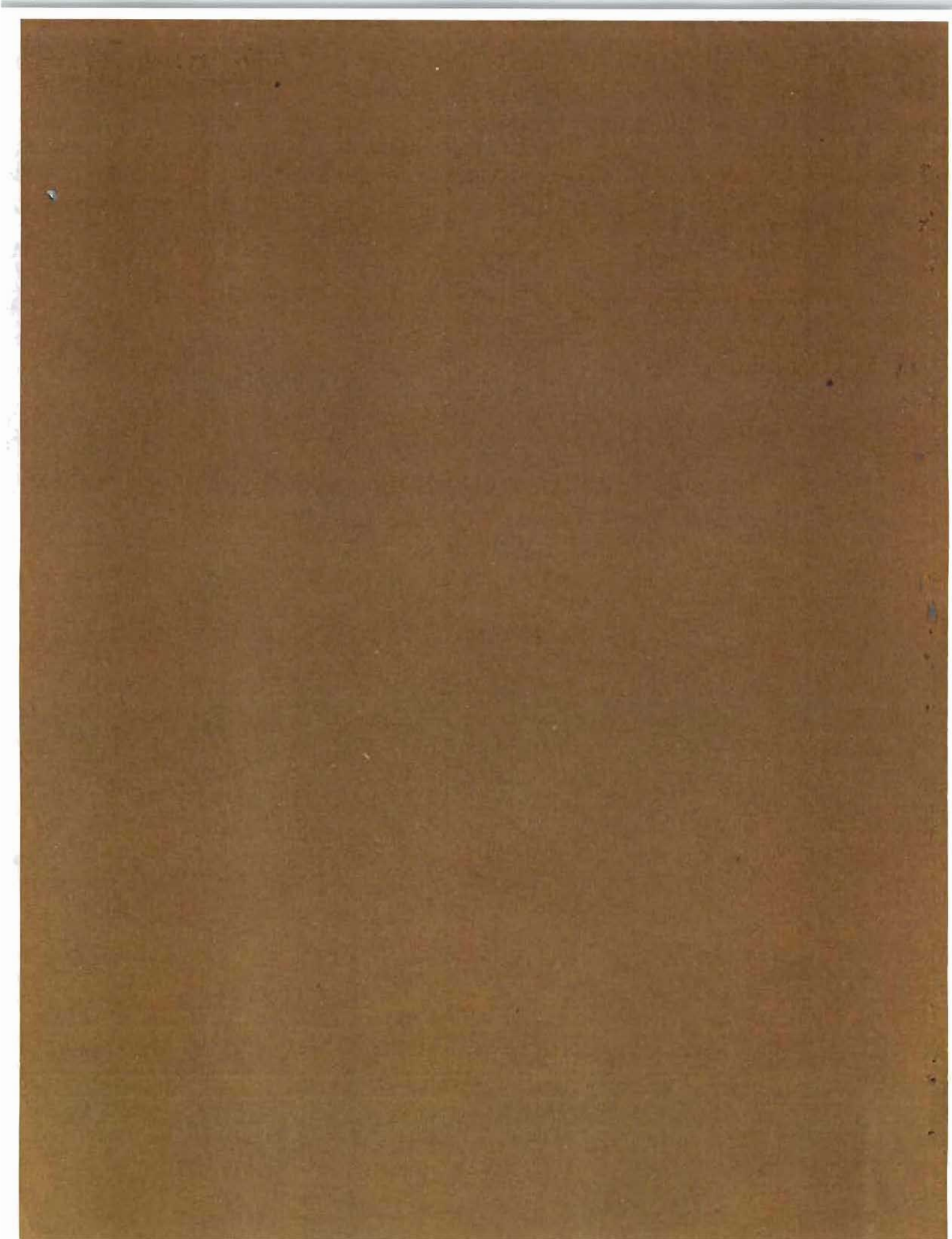
TEMPERATURE, SALINITY, and DENSITY

—ON THE—

PACIFIC COAST OF CANADA

Volume X

1950

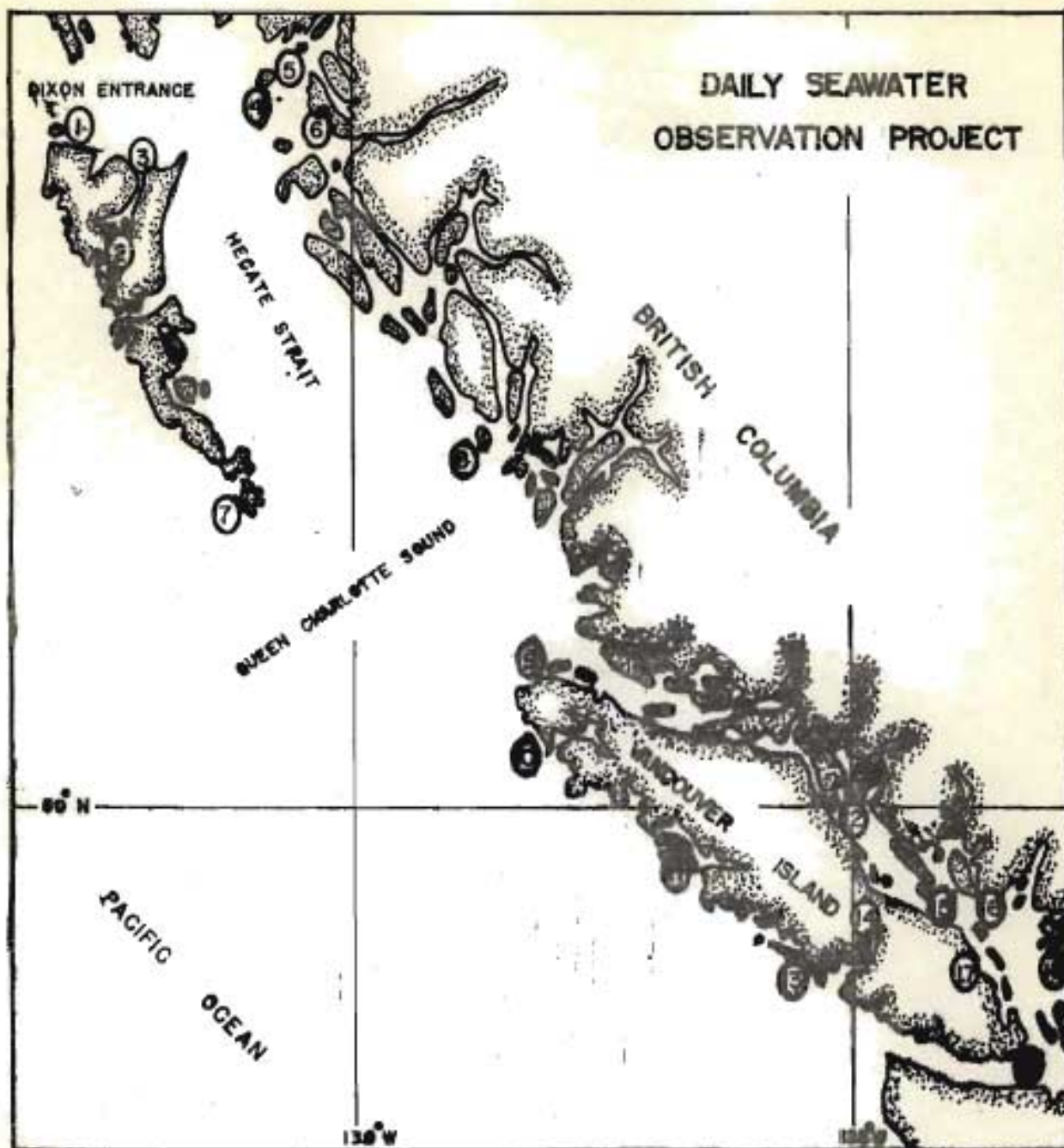


FISHERIES RESEARCH BOARD OF CANADA

OBSERVATIONS
OF
SEA WATER
TEMPERATURE, SALINITY, and DENSITY
on the
PACIFIC COAST OF CANADA
Volume X
1950

Prepared by
PACIFIC OCEANOGRAPHIC GROUP
PACIFIC BIOLOGICAL STATION
NANAIMO, B. C.

June, 1951



<u>STATIONS</u>		and	<u>OBSERVATIONS</u>		
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2	Shannon Bay	Dec. 1939- Sept. 1942	12	G. Mudge	Nov. 1936-
3	Masset	Nov. 1939- Sept. 1942	13	Amphitrite	Aug. 1934-
4	Triple I.	Oct. 1939-	14	Port Alberni	Apr. 1940- Sept. 1942
5	Green I.	Jan. 1935 - Sept. 1936	15	Departure Bay	Jan. 1914-
6	Prince Rupert	Jan. 1940- Oct. 1942	16	Entrance I.	May 1936-
7	G. St. James	July 1934-	17	Lady Smith Hr.	June 1937- June 1941
8	Ivory I.	July 1937-	18	Fraser R.	Feb. 1927-
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DAILY SEA WATER OBSERVATIONS

Since 1934, daily observations of the temperature and salinity of the sea water have been made at a number of exposed and sheltered locations along the British Columbia coast.

The data from the stations in exposed positions are required to provide a record of the surface oceanographic conditions which may be used:

- (1) As a general reference.
- (2) As a means of determining the duration of typical conditions in coastal waters, which have been examined by ocean current surveys.
- (3) For comparison, and where possible, correlation to meteorological conditions, and to the fishery.

The data from station in sheltered positions are required to:

- (1) Measure local phenomena of interest for some particular purpose. (Effect of temperature on shellfish; annual cycle of density in a harbour).

The exposed stations are all located at a lighthouse, and the services of the lightkeepers have been arranged in co-operation with the Department of Transport. The sheltered stations are operated by persons already in the service of the Fisheries Research Board, or by arrangements with a local resident. The observation point at each station was chosen with care, to minimize the effects of local fresh water drainage on the temperature and salinity.

The system of investigation may be briefly outlined as follows:

Cases of 2 oz. sample bottles are sent to each observing station, where the observer takes a daily sea water sample at a depth of three feet, using a simple apparatus, designed to obtain a sample and record the temperature simultaneously. The observer records the date and temperature on the sample bottle and makes an entry in a log sheet. The observation is made on the latter half of the rising tide (within one hour of high water) occurring during the daytime. When a case of bottles is filled (about three months) it is returned to the Pacific Biological Station where the salinities of the samples are determined (by chemical analyses). The densities are calculated from the temperature and salinity, and these data are presented in tabular form, for each day on which observations were made.

In addition to presenting the monthly mean values of temperature, salinity and density, a collective monthly mean value is also calculated. After the tenth year of observation is complete, a ten year moving monthly mean value is being calculated, and will be presented in future volumes.

The data from stations in the Georgia strait and sheltered positions may be regarded as applying to the areas represented by the positions of the stations. For instance, Entrance island data is representative of surface waters in Georgia strait north of this point, as far as Savary island. Cape Mudge data is indicative of the conditions at the entrance to the northern passages; Departure bay data is representative of harbours having two entrances, etc.

The data from stations on the ocean coast is representative of surface ocean conditions, from about November first to June first. During this time south-easterly winds prevail, and sea water temperatures are higher than air temperatures. However during the summer, from about June first to November first, westerly winds prevail and the sea water temperatures are less than air temperatures. During this time coastal water is colder than to seaward. Due allowances must be made in estimating off-shore ocean conditions from these data.

Note

- (1) Departure bay: The grand monthly mean value for temperature and density is shown as commencing in January 1913. However, this value for salinity is calculated as commencing in January 1935. This is not indicated in the sub-headings for the grand monthly mean figures.

Seawater Records from Amphitrite, Berkley sound

Day of Month	January, 1950			February, 1950			March, 1950		
	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	43.0	30.50	1.0240	39.0	30.43	1.0242	44.0	25.34	1.0199
2	43.0	29.72	1.0234	40.0	30.84	1.0245	45.0	25.59	1.0200
3	42.0	29.40	1.0233	39.0	30.55	1.0243	45.0	23.85	1.0187
4	41.0	30.32	1.0240	41.0	29.67	1.0235	45.0	28.54	1.0223
5	42.0	26.44	1.0209	41.0	30.05	1.0238	45.0	28.45	1.0223
6	43.0	25.82	1.0230	41.0	28.69	1.0227	45.0	27.82	1.0218
7	43.0	28.77	1.0227	41.0	29.40	1.0233	44.0	27.04	1.0213
8	43.0	29.67	1.0234	43.0	29.78	1.0235	44.0	27.01	1.0212
9	43.0	29.63	1.0234	43.0	28.42	1.0224	45.0	28.88	1.0226
10	43.0	26.67	1.0210	43.0	26.71	1.0211	45.0	28.83	1.0226
11	42.0	28.77	1.0227	42.0	30.79	1.0243	44.0	28.02	1.0220
12	42.0	29.72	1.0235	42.0	21.04	1.0166	43.5	26.25	1.0206
13	41.0	30.57	1.0242	42.5	27.66	1.0217	43.5	26.21	1.0206
14	41.0	30.30	1.0240	43.0	26.94	1.0212	44.5	27.42	1.0215
15	40.0	30.35	1.0246	43.0	26.46	1.0208	44.0	25.67	1.0201
16	41.0	30.43	1.0246	42.5	24.69	1.0194	44.0	19.53	1.0154
17	41.0	30.41	1.0246	42.0	17.65	1.0140	45.5	27.73	1.0217
18	41.0	30.41	1.0246	43.0	21.17	1.0167	45.0	28.05	1.0220
19	41.0	30.41	1.0246	43.0	25.32	1.0200	45.0	27.78	1.0218
20	42.0	25.26	1.0199	44.0	26.78	1.0210	44.5	26.70	1.0210
21	43.0	30.03	1.0237	44.0	22.92	1.0180	45.5	26.93	1.0211
22	42.0	28.75	1.0227	45.0	29.00	1.0227	46.0	27.80	1.0217
23	42.0	29.76	1.0235	44.5	26.24	1.0206	45.0	22.55	1.0200
24	41.0	29.56	1.0234	45.0	28.17	1.0220			
25	41.0	28.46	1.0225	44.0	24.58	1.0192	45.0	25.80	1.0202
26	40.0	29.83	1.0237	45.0	29.00	1.0230	44.5	21.28	1.0167
27	40.0	30.37	1.0246	44.0	27.47	1.0216	46.0	29.78	1.0233
28	41.0	30.41	1.0246	43.5	25.35	1.0199	45.0	28.86	1.0226
29	40.0	29.99	1.0238				45.5	27.89	1.0218
30	38.0	30.03	1.0239				45.0	27.82	1.0218
31	37.0	30.26	1.0243				45.0	26.77	1.0210
1950 Mean	41.4	29.39	1.0233	42.6	26.99	1.0213	44.8	26.67	1.0209
1935-50	45.5	28.79	1.0226	45.0	28.85	1.0226	46.5	28.95	1.0226
1941-50	45.1	28.67	1.0226	45.1	28.82	1.0226	46.2	29.05	1.0227

Seawater Records from Amphitrite, Barkley sound

April, 1950

May, 1950

June, 1950

Day of Month	Water			Water			Water		
	Temp. °F	Salinity ‰	Density	Temp. °F	Salinity ‰	Density	Temp. °F	Salinity ‰	Density
1	46.0	28.32	1.0221	47.5	27.91	1.0217	49.0	30.99	1.0239
2	46.0	28.94	1.0226	47.5	28.88	1.0224	49.5	30.35	1.0234
3	46.5	29.13	1.0227	48.5	28.83	1.0223	51.0	29.72	1.0228
4	46.0	28.70	1.0224	47.0	27.96	1.0218	49.0	31.06	1.0240
5	46.5	28.09	1.0219	46.0	31.43	1.0246	48.0	31.35	1.0243
6	46.5	28.41	1.0222	48.0	30.98	1.0240	48.0	31.33	1.0243
7	46.0	28.59	1.0223	48.0	31.17	1.0242	50.0	29.94	1.0230
8	46.0	26.03	1.0203	48.0	30.29	1.0235	51.0	29.83	1.0229
9	47.0	29.19	1.0227	48.5	29.77	1.0230	51.0	32.48	1.0249
10	46.0	25.76	1.0201	48.0	29.82	1.0232	52.0	29.76	1.0227
11	46.0	27.06	1.0211	48.0	30.00	1.0233	52.0	30.23	1.0231
12	46.0	29.57	1.0231	47.5	31.17	1.0242	54.0	29.25	1.0221
13	46.0	29.01	1.0227	48.0	30.98	1.0240	52.0	30.62	1.0234
14	46.0	26.19	1.0204	48.0	31.30	1.0243	53.0	30.01	1.0228
15	46.5	27.10	1.0211	48.5	30.74	1.0238	55.0	29.34	1.0221
16	47.0	25.62	1.0199	49.5	30.04	1.0232	56.0	29.18	1.0218
17	47.5	27.91	1.0217	48.0	30.60	1.0238	57.0	28.30	1.0211
18	48.5	25.27	1.0195	48.0	29.98	1.0232	56.0	29.34	1.0220
19	48.0	25.80	1.0200	47.0	31.52	1.0246	56.0	29.76	1.0223
20	47.0	29.10	1.0227	46.0	25.62	1.0200	54.0	31.22	1.0237
21	48.0	27.62	1.0214	47.0	30.63	1.0237	50.0	31.11	1.0240
22	47.0	28.59	1.0222	46.0	31.81	1.0248	49.0	31.20	1.0241
23	48.0	27.10	1.0210	46.0	31.91	1.0249	51.0	30.86	1.0237
24	47.0	29.46	1.0230	48.0	31.77	1.0246	54.0	31.67	1.0240
25	46.0	30.78	1.0240	48.0	31.34	1.0243	54.0	29.45	1.0243
26	46.0	29.55	1.0231	49.0	26.54	1.0250	55.0	29.91	1.0218
27	46.0	28.03	1.0219	47.0	29.75	1.0232	55.5	27.05	1.0203
28	46.0	27.87	1.0225	48.0	30.21	1.0234	54.0	29.20	1.0221
29	47.5	28.20	1.0219	49.0	27.57	1.0213	54.5	28.69	1.0216
30	47.5	29.01	1.0226	49.0	30.57	1.0236	52.0	30.48	1.0233
31				48.0	31.24	1.0242			
1950 Mean	46.7	28.00	1.0218	47.8	30.07	1.0234	52.4	30.09	1.0229
1935-50	48.8	29.28	1.0226	51.0	30.20	1.0232	53.2	30.92	1.0235
1941-50	48.4	29.23	1.0226	51.1	29.94	1.0229	53.1	30.80	1.0235

Seewater Records from Amphitrite, Barkley sound

July, 1950

August, 1950

September, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	52.0	30.26	1.0231	52.0	31.02	1.0237	55.0	31.29	1.0236
2	52.0	30.50	1.0233	51.5	31.02	1.0238	54.0	31.56	1.0239
3	50.5	30.95	1.0238	54.0	30.37	1.0230	54.0	31.46	1.0238
4	50.0	27.66	1.0213	51.0	30.59	1.0235	52.0	31.76	1.0243
5	49.5	31.31	1.0242	53.0	26.51	1.0201	51.0	31.64	1.0243
6	49.0	31.44	1.0243	52.0	30.35	1.0232	51.0	31.83	1.0244
7	50.5	31.38	1.0241	54.0	30.30	1.0229	52.0	31.53	1.0241
8	52.0	30.95	1.0236	54.0	30.25	1.0230	52.0	31.65	1.0242
9	52.0	29.23	1.0223	54.5	29.96	1.0226	54.0	31.09	1.0229
10	52.0	30.01	1.0229	54.0	30.35	1.0230	53.0	31.35	1.0239
11	51.5	30.66	1.0235	52.0	30.88	1.0237	54.0	31.42	1.0238
12	51.5	30.59	1.0234	53.0	30.53	1.0232	55.0	31.08	1.0234
13	51.0	30.92	1.0237	54.0	19.02	1.0143	54.0	29.56	1.0224
14	55.0	30.72	1.0232	55.0	21.62	1.0162	55.0	31.08	1.0234
15	54.0	31.22	1.0237	54.0	29.85	1.0226	55.0	30.82	1.0233
16	55.0	30.61	1.0231	55.0	29.60	1.0223	54.0	30.75	1.0233
17	55.0	30.48	1.0230				55.0	30.95	1.0234
18	57.0	30.79	1.0230				55.0	30.95	1.0234
19	56.0	28.22	1.0211	56.0	29.92	1.0225	56.0	28.04	1.0195
20	55.0	31.17	1.0235	55.0	30.10	1.0227	55.0	30.99	1.0234
21	54.0	31.02	1.0235	54.0	30.16	1.0229	54.5	30.97	1.0234
22	56.0	31.06	1.0233	56.0	29.72	1.0223	55.0	31.17	1.0235
23	53.0	31.02	1.0236	54.0	28.73	1.0217	53.0	30.59	1.0233
24	51.5	30.81	1.0236	54.5	30.73	1.0232	51.0	31.40	1.0241
25	51.5	30.97	1.0237	54.0	30.66	1.0232	53.0	30.68	1.0233
26	51.0	28.06	1.0215	54.0	30.97	1.0234	53.0	30.79	1.0234
27	50.5	31.13	1.0239	53.0	31.29	1.0238	52.0	30.82	1.0236
28	51.0	27.25	1.0290	52.0	31.27	1.0239	52.5	30.93	1.0236
29	52.0	30.43	1.0233	54.0	31.15	1.0236	53.0	30.48	1.0232
30	52.0	30.90	1.0236	54.0	31.15	1.0236	53.0	31.89	1.0243
31	54.0	30.41	1.0230	55.0	30.93	1.0233			
1950 Mean	52.5	30.39	1.0232	53.7	29.62	1.0225	53.5	30.95	1.0235
1934-50	54.4	30.94	1.0234	55.9	31.09	1.0234	54.6	30.83	1.0233
1941-50	54.3	31.00	1.0233	55.8	31.05	1.0233	54.8	30.68	1.0232

Seawater Records from Amphitrite, Barkley sound

October, 1950

November, 1950

December, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	52.0	31.33	1.0239	52.0	29.36	1.0224	48.0	26.47	1.0205
2	52.0	30.64	1.0234	51.0	16.96	1.0129	48.0	27.81	1.0216
3	51.5	30.70	1.0235	51.0	22.07	1.0168	48.0	27.32	1.0212
4	51.0	27.25	1.0208	52.0	28.28	1.0192	47.0	27.01	1.0210
5	50.0	30.72	1.0237	51.5	29.47	1.0226	48.0	26.01	1.0217
6	50.0	31.27	1.0241	51.0	26.20	1.0200	48.0	28.55	1.0221
7	50.0	24.43	1.0187	51.0	27.85	1.0213	48.0	28.73	1.0223
8	50.5	30.62	1.0236	50.0	26.53	1.0204	47.5	28.35	1.0220
9	50.0	27.50	1.0211	49.0	26.62	1.0206	48.0	26.71	1.0207
10	50.0	31.06	1.0239	50.0	28.62	1.0220	48.0	24.51	1.0190
11	51.0	30.90	1.0237	50.0	29.27	1.0225	48.0	26.46	1.0205
12	54.0	28.98	1.0219	49.0	29.05	1.0224	49.0	29.11	1.0225
13	54.0	26.24	1.0198	50.0	29.83	1.0230	49.0	25.91	1.0200
14	53.0	29.31	1.0223	50.0	30.44	1.0235	48.0	26.55	1.0208
15	53.0	27.59	1.0209	49.0	28.62	1.0221	49.0	27.83	1.0216
16	54.0	28.49	1.0215	49.0	29.47	1.0228	48.0	26.74	1.0207
17	53.0	28.12	1.0214	48.0	27.94	1.0217	47.5	26.80	1.0208
18	53.0	29.02	1.0221	48.5	28.96	1.0224	47.0	26.87	1.0209
19	54.0	27.83	1.0210	46.0	28.35	1.0221	48.0	26.29	1.0204
20	53.0			49.0	29.74	1.0230	48.0	26.46	1.0205
21	52.0	28.28	1.0216	49.5	30.70	1.0237	48.0	26.65	1.0207
22	52.0	28.51	1.0216	50.0	25.43	1.0196	48.0	25.32	1.0196
23	52.0	29.49	1.0225	48.0	19.81	1.0154	49.0	26.58	1.0205
24	51.0	26.22	1.0201	49.0	22.88	1.0176	49.0	27.14	1.0209
25	52.0	29.94	1.0229	49.0	27.25	1.0210	49.0	28.68	1.0221
26	51.0	30.26	1.0232	49.0	27.83	1.0215	49.0	26.82	1.0207
27	52.0	30.66	1.0234	50.0	29.67	1.0228	49.0	25.52	1.0197
28	52.0	31.00	1.0237	49.0	28.49	1.0220	49.0	28.17	1.0217
29	52.0			49.0	27.83	1.0215	49.0	28.49	1.0220
30	51.0	28.43	1.0218	47.0	26.85	1.0209	49.0	28.68	1.0221
31	50.0	26.92	1.0207				48.5	27.25	1.0211
1950 Mean	51.8	29.01	1.0222	49.6	27.24	1.0210	48.2	27.15	1.0210
1934-50	52.3	29.86	1.0227	49.5	29.14	1.0225	47.4	28.14	1.0223
1941-50	54.7	29.67	1.0226	49.4	29.18	1.0225	47.1	28.41	1.0221

Seawater Records from Nootka, Nootka sound

January, 1950				February, 1950				March, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1	40.5	26.17	1.0208	38.8	29.69	1.0236	41.0	17.29	1.0137		
2	39.2	27.97	1.0222	39.5	30.50	1.0242	42.0	19.74	1.0156		
3	40.0	27.63	1.0220	40.3	30.77	1.0244	43.2	25.30	1.0199		
4	39.2	38.40	1.0226	41.0	31.00	1.0246	43.5	21.22	1.0167		
5	40.6	28.33	1.0225	41.8	30.82	1.0244	44.0	18.44	1.0145		
6	41.3	28.75	1.0228	41.9	30.91	1.0244	43.5	20.13	1.0159		
7	42.5	29.38	1.0232	41.6	30.73	1.0243	42.5	16.37	1.0129		
8	42.6	29.78	1.0235	41.9	30.82	1.0244	42.8	17.50	1.0138		
9	42.4	29.96	1.0237	41.7	27.83	1.0220	43.0	26.76	1.0211		
10	41.9	29.88	1.0236	41.2	27.94	1.0221	43.6	24.65	1.0194		
11	42.2	30.32	1.0239	39.8	26.56	1.0211	43.2	26.78	1.0211		
12				39.0	25.77	1.0205	42.8	24.87	1.0195		
13				39.5	27.86	1.0222	43.0	21.46	1.0167		
14				41.5	28.06	1.0222	42.8	25.16	1.0198		
15				42.0	27.94	1.0221	42.9	23.12	1.0182		
16				40.2	19.22	1.0153	42.8	22.03	1.0174		
17				39.6	7.18	1.0058	43.6	21.71	1.0171		
18				39.9	27.36	1.0217	43.6	26.40	1.0208		
19	41.6	30.61	1.0242	39.8	17.66	1.0140	44.2	26.87	1.0211		
20	41.6	30.70	1.0243	38.2	14.38	1.0115	43.7	23.01	1.0181		
21	42.0	27.97	1.0221	39.0	14.47	1.0116	43.5	19.99	1.0157		
22	41.8	26.83	1.0211	41.5	25.10	1.0199	44.0	28.35	1.0223		
23	41.1	26.62	1.0211	42.0	25.23	1.0200	43.8	25.53	1.0201		
24	40.0	16.98	1.0135	42.0	18.66	1.0147	44.5	22.86	1.0179		
25	38.2	20.41	1.0163	42.5	14.92	1.0118	43.8	21.47	1.0168		
26	37.5	16.00	1.0129	42.0	20.59	1.0163	43.4	21.26	1.0167		
27	36.4	15.17	1.0122	40.5	16.17	1.0129	43.8	23.10	1.0182		
28	35.5	19.96	1.0160	40.2	15.19	1.0121	44.1	22.99	1.0180		
29	36.4	30.23	1.0242				44.0	23.31	1.0183		
30	37.2	30.08	1.0240				43.6	22.16	1.0174		
31	39.0	30.41	1.0242				44.0	23.68	1.0225		
1950 Mean	40.0	26.61	1.0211	40.7	24.05	1.0191	43.4	22.85	1.0180		
1935-50	43.8	24.77	1.0195	44.0	25.61	1.0201	45.7	24.87	1.0194		
1941-50	43.9	24.54	1.0196	44.2	25.58	1.0200	45.9	25.12	1.0196		

Seawater Records from Nootka, Nootka sound

April, 1950

May, 1950

June, 1950

Day of Month	Water			Water			Water		
	Temp. °F	Salinity ‰	Density	Temp. °F	Salinity ‰	Density	Temp. °F	Salinity ‰	Density
1	43.8	28.22	1.0222	47.5			53.0	20.41	1.0154
2	44.5	23.28	1.0174	47.4	27.27	1.0212	52.8	26.29	1.0200
3	44.8	23.46	1.0184	48.6	27.23	1.0211	54.2	22.38	1.0169
4	45.6	24.31	1.0190	48.0	28.44	1.0221	50.0	29.34	1.0226
5	45.0	26.91	1.0211	48.3	25.46	1.0197	53.4	24.65	1.0186
6	45.2	27.83	1.0218	50.2	27.32	1.0210	51.2	31.02	1.0238
7	45.6	26.89	1.0210	50.5	27.77	1.0213	49.8	31.13	1.0240
8	46.0	27.81	1.0217	50.2	29.63	1.0228	52.1	29.18	1.0223
9	45.8	28.42	1.0222	50.1	27.03	1.0208	53.4	23.87	1.0180
10	44.6	28.98	1.0227	50.0	18.15	1.0139	54.1	26.42	1.0199
11	43.9	29.04	1.0228	50.2	24.07	1.0184	56.4	19.89	1.0147
12	44.4	22.70	1.0178	51.2	26.00	1.0199	56.3	24.14	1.0180
13	44.8	22.88	1.0179	52.0	24.60	1.0187	56.5	25.43	1.0189
14	44.6	18.91	1.0148	52.5	19.16	1.0145	59.2	22.03	1.0160
15	45.0	23.51	1.0184	53.0	30.17	1.0229	59.4	18.73	1.0135
16	44.7	27.70	1.0217	51.5	23.15	1.0177	61.2	20.03	1.0143
17	45.2	20.03	1.0157	50.5	19.99	1.0146	59.6	24.05	1.0175
18	45.6	23.33	1.0182	50.0	18.50	1.0142	59.7	18.80	1.0135
19	47.0	15.99	1.0124	50.2	23.22	1.0178	59.5	20.79	1.0151
20	47.5	28.49	1.0221	50.5	18.75	1.0143	61.0	19.89	1.0142
21	47.0	18.73	1.0146	51.0	26.20	1.0201	59.8	19.04	1.0137
22	46.5	15.77	1.0123	51.3	18.95	1.0144	59.4	22.05	1.0160
23	47.2	25.70	1.0200	51.3	29.78	1.0222	60.2	18.24	1.0130
24	46.8	15.93	1.0124	50.8	22.20	1.0170	61.5	23.28	1.0167
25	47.2	21.17	1.0164	51.0	22.07	1.0168	61.8	21.98	1.0157
26	47.0	17.59	1.0136	50.5	21.69	1.0165	60.0	25.25	1.0184
27	46.7	18.46	1.0144	51.8	26.85	1.0205	59.2	20.86	1.0151
28	46.9	22.88	1.0178	50.5	27.56	1.0211	59.0	20.72	1.0151
29	47.0	25.64	1.0200	50.6	26.17	1.0201	58.8	29.83	1.0221
30	47.2	26.76	1.0209	51.8	23.39	1.0178	59.5	24.98	1.0182
31				52.6	18.96	1.0143			
1950 Mean	45.8	23.58	1.0184	50.5	24.32	1.0186	57.1	23.49	1.0174
1935-50	48.9	25.40	1.0196	53.4	25.30	1.0192	57.0	26.84	1.0199
1941-50	48.8	25.33	1.0196	53.5	24.95	1.0188	57.1	26.67	1.0198

Seawater Records from Nootka, Nootka sound

Day of Month	July, 1950			August, 1950			September, 1950		
	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	60.0	30.12	1.0221	60.5	27.30	1.0199	60.5	30.68	1.0225
2	60.8	23.53	1.0170	61.0	30.34	1.0222	58.0	30.32	1.0225
3	60.5	23.37	1.0169	60.0	29.04	1.0213	57.5	30.32	1.0226
4	63.8	30.62	1.0221	57.2	30.35	1.0227	59.8	30.03	1.0221
5	59.2	31.26	1.0231	56.5	28.44	1.0212	60.0	29.63	1.0218
6	59.0	27.63	1.0204	56.8	28.57	1.0213	61.1	28.64	1.0209
7	57.3	29.02	1.0216	57.1	28.46	1.0211	60.3	29.02	1.0213
8	55.6	29.61	1.0223	58.0	28.96	1.0215	59.9	29.36	1.0216
9	56.1	26.98	1.0201	59.2	28.55	1.0210	59.5	29.69	1.0219
10	59.0	20.14	1.0146	60.7	28.42	1.0208	58.0	30.57	1.0227
11	61.0	18.48	1.0131	61.0	28.35	1.0207	57.2	30.64	1.0229
12	59.9	22.61	1.0164	60.5	30.93	1.0227	55.6	30.95	1.0233
13	60.0	26.02	1.0190	59.2	29.83	1.0221	55.0	31.24	1.0236
14	60.2	24.22	1.0176	59.6	29.85	1.0220	55.7	31.09	1.0234
15	61.9	22.86	1.0164	60.2	30.91	1.0227	57.5	30.93	1.0231
16	59.8	24.69	1.0180	61.0	30.97	1.0227	57.2	30.93	1.0231
17	58.7	24.60	1.0180	62.8	29.83	1.0216	57.1	30.97	1.0231
18	60.0	24.14	1.0176	62.4	29.81	1.0216	56.6	31.02	1.0232
19	58.7	28.86	1.0213	62.3	28.78	1.0208	55.9	31.17	1.0234
20	58.5	25.97	1.0191	62.1	29.92	1.0218	56.2	30.43	1.0228
21	58.3	29.18	1.0216	61.8	29.13	1.0212	57.0	30.07	1.0224
22	55.0	30.93	1.0233	61.5	29.63	1.0216	56.7	30.93	1.0231
23	57.2	28.44	1.0212	61.3	28.91	1.0211	56.4	31.24	1.0234
24	57.7	29.72	1.0221	62.0	28.95	1.0210	56.0	24.00	1.0179
25	59.1	27.52	1.0203	62.2	29.31	1.0213	55.2	26.82	1.0201
26	59.3	28.15	1.0207	61.8	29.29	1.0213	54.5	23.71	1.0178
27	61.5	24.90	1.0180	61.5	29.56	1.0208	55.0	21.65	1.0161
28	61.5	26.17	1.0189	62.2	29.61	1.0215	54.8	23.68	1.0178
29	61.6	26.22	1.0190	62.1	28.59	1.0207	55.1	25.05	1.0188
30	61.7	27.57	1.0200	61.8	30.66	1.0223	55.8	29.79	1.0224
31	60.5	29.02	1.0212	61.0	30.34	1.0222			
1950 Mean	59.5	26.53	1.0194	60.6	29.41	1.0215	57.2	29.16	1.0218
1934-50	59.6	28.35	1.0208	60.4	29.81	1.0219	58.2	28.73	1.0212
1941-50	59.7	28.50	1.0210	60.5	29.83	1.0219	58.2	28.45	1.0211

Seawater Records from Nootka, Nootka sound

October, 1950				November, 1950				December, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1	55.2	31.02	1.0234	47.5	14.36	1.0111	43.0	19.14	1.0151		
2	55.0	31.17	1.0235	47.0	17.83	1.0139	45.5	23.12	1.0181		
3	53.8	29.34	1.0222	47.2	16.65	1.0129	44.5	20.41	1.0160		
4	53.9	23.17	1.0213	47.5	16.40	1.0127	45.8	29.90	1.0234		
5	53.8	29.42	1.0223	48.0	16.62	1.0129	47.5	29.97	1.0235		
6	53.4	28.04	1.0213	47.8	15.86	1.0123	49.0	30.01	1.0232		
7	53.1	28.64	1.0217	47.3	14.33	1.0111	50.0	30.50	1.0235		
8	53.6	21.08	1.0159	46.5	13.84	1.0108	49.2	21.82	1.0168		
9	53.3	28.75	1.0218	45.5	13.01	1.0102	48.8	28.57	1.0221		
10	53.5	27.88	1.0211	44.8	15.46	1.0129	47.5	23.08	1.0179		
11	53.5	15.90	1.0113	45.0	19.09	1.0149	48.2	27.29	1.0211		
12	52.3	10.21	1.0076	46.8	23.33	1.0182	47.5	29.13	1.0219		
13	51.7	13.08	1.0098	46.0	25.05	1.0196	46.0	25.95	1.0202		
14	52.3	11.40	1.0085	46.3	27.66	1.0216	43.0	16.98	1.0133		
15	52.0	15.34	1.0116	46.2	16.64	1.0130	45.7	26.22	1.0205		
16	51.2	19.92	1.0152	46.0	28.12	1.0220	47.5	28.89	1.0224		
17	50.8	18.35	1.0140	45.7	27.45	1.0215	46.8	19.34	1.0150		
18	51.0	21.11	1.0161	45.0	27.81	1.0218	45.5	19.54	1.0151		
19	51.2	23.28	1.0178	45.0	27.20	1.0213	45.3	18.57	1.0145		
20	51.0	27.45	1.0210	45.2	30.46	1.0238	47.0	18.04	1.0140		
21	50.5	26.20	1.0201	45.2	30.82	1.0241	48.5	30.32	1.0236		
22	49.8	26.36	1.0202	46.5	28.35	1.0221	47.9	18.39	1.0143		
23	50.8	27.79	1.0213	47.0	28.30	1.0220	46.9	13.55	1.0105		
24	50.7	29.47	1.0226	49.0	29.87	1.0231	46.1	14.49	1.0113		
25	50.3	25.59	1.0196	48.8	14.89	1.0114	45.6	11.18	1.0087		
26	49.0	20.72	1.0160	48.9	25.99	1.0200	45.8	11.29	1.0088		
27	49.4	25.52	1.0197	46.0	19.02	1.0148	45.0	17.21	1.0135		
28	50.2	30.66	1.0236	46.0	10.97	1.0084	45.5	21.47	1.0168		
29	50.0	29.52	1.0227	45.7	16.82	1.0132	46.0	17.32	1.0135		
30	49.7	18.37	1.0142	43.8	14.81	1.0117	45.1	21.74	1.0170		
31	47.0	16.09	1.0125				44.5	17.27	1.0136		
1950 Mean	51.7	23.73	1.0181	46.4	20.93	1.0163	46.5	21.91	1.0171		
1934-50	53.0	25.26	1.0191	47.9	23.89	1.0184	45.3	23.20	1.0181		
1941-50	53.0	25.08	1.0190	48.0	24.68	1.0191	46.2	23.78	1.0186		

Seawater Records from Kains island, Quatsino sound

January, 1950

February, 1950

March, 1950

Day of Month	Water			Water Temp. °F	Salinity			Water Temp. °F	Salinity			Water Temp. °F	Salinity		
	Temp. °F	°/	Density		°/	°/	Density		°/	°/	Density		°/	°/	Density
1	44.0	30.14	1.0237	41.5	31.65	1.0250	42.5	27.70	1.0219			42.5	27.79	1.0219	
2	44.0	30.68	1.0241	42.5	31.73	1.0250	42.5	27.79	1.0219			43.5	28.08	1.0221	
3	45.4	31.00	1.0243	42.0	31.73	1.0251	43.5	27.75	1.0217			43.5	28.22	1.0222	
4	44.8	30.86	1.0242	42.5	31.78	1.0251	42.0	31.62	1.0250			43.5	28.22	1.0222	
5	44.5	30.86	1.0242	42.0	31.62	1.0250	42.0	31.62	1.0250			44.0	27.39	1.0215	
6	44.2	30.79	1.0242	42.5	31.96	1.0252	42.5	28.62	1.0225			43.5	28.89	1.0227	
7	44.2	30.72	1.0242	41.5	31.71	1.0251	41.0	30.99	1.0245			43.5	29.04	1.0229	
8	43.8	30.17	1.0237	41.0	31.11	1.0246	41.5	29.47	1.0233			43.0	29.54	1.0233	
9	43.5	31.71	1.0249	42.0	31.58	1.0249	43.5	29.54	1.0233			43.0	29.54	1.0233	
10	43.5	32.90	1.0259	42.5	31.31	1.0247	43.0	29.72	1.0234			43.5	29.33	1.0231	
11	43.5	31.17	1.0245	43.0	31.44	1.0248	43.5	29.33	1.0231			44.0	29.83	1.0235	
12	43.3	31.20	1.0246	41.5	26.55	1.0210	44.0	29.83	1.0235			44.5	29.02	1.0228	
13	43.0	31.51	1.0248	41.5	28.37	1.0224	44.5	28.51	1.0224			44.5	28.51	1.0224	
14	43.0	31.09	1.0245	42.0	29.85	1.0236	45.0	29.83	1.0234			45.0	29.83	1.0234	
15	43.0	31.60	1.0249	42.5	29.57	1.0225	45.5	29.40	1.0230			45.5	29.40	1.0230	
16	42.4	31.71	1.0250	42.5	30.08	1.0237	44.5	28.98	1.0227			44.5	28.98	1.0227	
17	43.0	31.71	1.0250	41.5	25.97	1.0206	44.5	28.95	1.0227			44.5	30.07	1.0236	
18	43.5	31.85	1.0251	42.5	26.55	1.0200	44.5	30.07	1.0236			44.5	29.11	1.0229	
19	43.5	31.71	1.0250	43.5	29.34	1.0231	44.5	29.11	1.0229			44.0	29.33	1.0231	
20	43.5	31.71	1.0250	42.5	26.87	1.0212	44.5	29.33	1.0231			43.5	29.00	1.0228	
21	43.3	31.71	1.0250	42.5	25.99	1.0205	44.5	29.00	1.0228			44.0	28.96	1.0228	
22	43.5	31.58	1.0248	42.0	26.78	1.0211	44.5	30.14	1.0237			44.5	30.14	1.0237	
23	42.0	31.67	1.0250	42.0	27.30	1.0216	44.0	29.52	1.0232			44.0	29.52	1.0232	
24	42.0	31.71	1.0251	41.5	27.36	1.0217	43.5	28.04	1.0221			44.0	28.44	1.0223	
25	42.5	31.67	1.0250	42.0	27.36	1.0217	44.5	28.62	1.0224			44.5	28.62	1.0224	
26	42.0	31.74	1.0251	42.0	27.36	1.0217	44.5	28.62	1.0224			44.5	28.62	1.0224	
27	43.0	31.78	1.0250	42.0	27.36	1.0217	44.5	28.62	1.0224			44.5	28.62	1.0224	
28	42.0	31.69	1.0250	42.0	27.36	1.0217	44.5	28.62	1.0224			44.5	28.62	1.0224	
29	42.0	31.67	1.0250	42.0	27.36	1.0217	44.5	28.62	1.0224			44.5	28.62	1.0224	
30	41.5	31.67	1.0250	42.0	27.36	1.0217	44.5	28.62	1.0224			44.5	28.62	1.0224	
31	41.0	31.65	1.0251	42.0	27.36	1.0217	44.5	28.62	1.0224			44.5	28.62	1.0224	
1950 Mean	43.2	31.39	1.0247	42.1	29.58	1.0234	43.9	28.93	1.0227			43.9	28.93	1.0227	
1935-50	45.7	29.46	1.0230	45.2	29.65	1.0232	46.2	29.89	1.0234			46.2	29.89	1.0234	
1941-50	45.6	29.53	1.0231	45.3	29.61	1.0232	46.2	29.98	1.0234			46.2	29.98	1.0234	

Seawater Records from Kains island, Quatsino sound

April, 1950

May, 1950

June, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	44.5	30.01	1.0236	47.0	30.68	1.0239	50.0	30.85	1.0230
2	45.0	29.10	1.0220	47.5	29.89	1.0228	50.5	30.41	1.0234
3	44.5	29.02	1.0228	47.0	29.52	1.0230	48.0	30.79	1.0239
4	44.5	29.76	1.0234	47.0	29.87	1.0233	48.0	31.20	1.0243
5	44.5	29.72	1.0233	47.0	29.54	1.0230	50.0	30.52	1.0235
6	44.5	28.98	1.0227	46.5	29.83	1.0233	50.5	30.41	1.0234
7	44.5	29.11	1.0229	47.0	30.10	1.0234	50.5	30.44	1.0234
8	44.0	29.85	1.0235	47.0	30.03	1.0234	48.5	30.75	1.0238
9	45.0	29.70	1.0232	46.5	29.92	1.0234	50.5	30.57	1.0235
10	44.5	29.72	1.0234	47.5	29.88	1.0232	51.0	30.62	1.0235
11	45.0	29.74	1.0233	48.0	29.79	1.0231	52.0	30.57	1.0234
12				48.5	29.85	1.0231	51.0	30.25	1.0232
13	45.0	29.84	1.0226	48.0	29.65	1.0230	54.0	30.61	1.0232
14	45.0	29.23	1.0229	47.5	30.32	1.0236	54.0	30.77	1.0234
15	45.0	27.30	1.0214	47.5	30.41	1.0237	51.0	30.95	1.0237
16	45.0	28.01	1.0219	47.0	30.44	1.0237	54.5	30.90	1.0234
17	45.5	28.04	1.0219	47.5	30.08	1.0234	51.5	31.02	1.0238
18	46.0			47.0	30.50	1.0237	54.0	31.64	1.0240
19	46.0	28.39	1.0219	47.0	30.34	1.0236	55.0	31.69	1.0239
20	46.0	28.59	1.0223	47.5	30.23	1.0235	54.0	31.80	1.0241
21	45.5	28.93	1.0226	47.5	30.28	1.0235	53.0	30.86	1.0235
22	46.0	28.28	1.0221	48.5	29.27	1.0227	52.5	31.11	1.0237
23	46.5	28.28	1.0220	48.0	29.74	1.0231	52.5	31.08	1.0237
24	46.0	28.44	1.0222	48.5	30.30	1.0235	52.0	30.73	1.0235
25	46.0	28.64	1.0224	48.0	30.07	1.0233	53.0	30.88	1.0235
26	45.5	28.59	1.0223	47.0	30.41	1.0237	54.5	30.95	1.0234
27	45.5	28.42	1.0222	48.0	29.23	1.0227	53.5	30.90	1.0234
28	45.5	29.04	1.0227	48.0	29.69	1.0230	54.2	30.99	1.0234
29	47.0	28.80	1.0224	48.0	30.61	1.0238	54.3	31.00	1.0234
30	46.0	29.02	1.0227	50.0	28.71	1.0221	55.0	31.64	1.0239
31				49.0	29.88	1.0231			
1950 Mean	45.3	28.88	1.0226	47.6	29.95	1.0233	52.1	30.87	1.0234
1935-50	47.6	30.15	1.0234	50.5	30.60	1.0236	53.5	31.45	1.0239
1941-50	47.7	30.13	1.0234	50.3	30.57	1.0235	53.1	31.41	1.0239

Seawater Records from Keina Island, Quatsino sound

Day of Month	July, 1950			August, 1950			September, 1950		
	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1				55.2	31.85	1.0240	56.7	31.73	1.0238
2				55.3	31.82	1.0240	57.3	31.33	1.0234
3				50.7	32.01	1.0246	56.5	31.78	1.0238
4				50.5	31.89	1.0245	52.7	31.49	1.0240
5	53.5	31.65	1.0240	50.2	31.91	1.0246	57.4	31.44	1.0235
6	52.4	31.63	1.0241	50.5	31.89	1.0245	57.1	31.08	1.0232
7	52.7	31.65	1.0241	50.7	31.60	1.0243	57.2	31.19	1.0233
8	51.7	31.29	1.0239	50.6	31.82	1.0245	57.1	31.26	1.0234
9	51.1	31.04	1.0239	53.1	31.71	1.0241	56.2	31.62	1.0237
10	54.5	30.77	1.0233	55.6	31.36	1.0236	53.5	31.78	1.0241
11	54.3	31.20	1.0236	55.6	31.85	1.0240	55.2	31.89	1.0240
12	55.4	31.11	1.0234	58.0	31.78	1.0236	53.1	31.91	1.0243
13	56.5	31.17	1.0234	56.3	30.03	1.0225	53.0	32.01	1.0244
14	54.2	31.31	1.0237	55.8	31.82	1.0239	54.8	31.92	1.0241
15	54.5	31.33	1.0237	54.8	31.82	1.0241	56.0	31.85	1.0239
16	53.6	31.38	1.0238	57.0	31.65	1.0237	54.8	31.94	1.0241
17	55.3	31.44	1.0237	57.5	31.64	1.0236	53.8	30.26	1.0229
18	51.7	31.42	1.0241	57.0	31.73	1.0237	53.0	30.23	1.0230
19	53.8	31.56	1.0239	58.6	31.55	1.0234	51.8	30.32	1.0232
20	53.8	31.73	1.0241	58.0	31.64	1.0236	51.5	31.87	1.0244
21	55.0	31.64	1.0239	58.1	31.73	1.0236	52.3	31.87	1.0243
22	54.0	31.64	1.0240	57.7	32.30	1.0241	51.8	32.00	1.0245
23	54.0	31.76	1.0241	58.4	31.62	1.0235	52.9	31.94	1.0243
24	53.0	31.82	1.0242	59.4	31.74	1.0234			
25	53.0	31.82	1.0242	59.3	31.62	1.0233	53.5	30.79	1.0234
26	53.1	31.91	1.0243	58.0	31.58	1.0235	54.8	30.73	1.0232
27	55.2	31.73	1.0239	59.2	31.64	1.0234	55.0	30.03	1.0226
28	55.1	31.64	1.0239	58.7	31.55	1.0234	53.0	30.62	1.0233
29	55.2	31.65	1.0239	59.3	31.62	1.0234	53.0	31.29	1.0238
30	55.2	31.58	1.0238	57.3	31.78	1.0237	53.0	31.26	1.0238
31	55.3	31.73	1.0239	56.2	31.71	1.0238			
1950 Mean	54.0	31.50	1.0239	55.9	31.69	1.0237	54.4	31.36	1.0237
1935-50	55.1	31.74	1.0239	55.8	32.16	1.0242	55.2	31.78	1.0240
1941-50	55.1	31.84	1.0240	55.8	32.13	1.0242	54.9	31.73	1.0240

Seawater Records from Kains Island, Quatsino sound

October, 1950

November, 1950

December, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	53.2	31.31	1.0238	49.0	28.03	1.0217	46.8	28.44	1.0221
2	52.0	31.51	1.0241	49.2	28.68	1.0221	47.2	28.84	1.0224
3	53.5	31.56	1.0240	50.4	29.33	1.0226	46.7	28.17	1.0219
4	53.3	31.46	1.0239	50.0	28.48	1.0219	45.6	28.98	1.0226
5	54.1	31.40	1.0238	49.3	27.45	1.0212	47.6	29.92	1.0233
6	53.3	31.35	1.0238	49.4	28.13	1.0217	48.1	30.44	1.0236
7	53.0	31.24	1.0238	48.0	23.55	1.0182			
8	53.3	30.72	1.0234	48.0	27.90	1.0216	49.5	28.93	1.0223
9				48.5	28.17	1.0218	49.6	29.13	1.0225
10	53.4	31.06	1.0236	47.0	28.37	1.0221	49.2	24.54	1.0189
11	53.5	31.67	1.0240	47.0	28.66	1.0223			
12	53.8	28.60	1.0216	49.2	29.45	1.0228	50.0	29.16	1.0225
13	53.2	29.45	1.0224	48.4	29.70	1.0231	48.9	25.99	1.0200
14	53.2	29.63	1.0225	48.6	29.90	1.0231	47.5	27.11	1.0211
15	52.2	30.44	1.0233	48.2	29.13	1.0226	49.5	29.81	1.0230
16	51.7	30.43	1.0233	47.0	29.54	1.0230	49.1	28.04	1.0216
17	51.8	30.64	1.0234	47.7	29.60	1.0230	50.0	29.38	1.0226
18	51.5	30.52	1.0234	47.7	29.54	1.0229	49.4	27.30	1.0211
19	51.1	32.45	1.0249	47.1	29.00	1.0226	49.6	28.48	1.0219
20	50.7	30.48	1.0234	48.3	29.28	1.0219	50.0	29.21	1.0217
21	50.4	30.52	1.0235	48.0	28.42	1.0220			
22	51.2	30.86	1.0237	47.7	29.97	1.0225	49.5	26.09	1.0201
23	50.5	30.48	1.0234	48.3	30.21	1.0234	49.3	26.40	1.0203
24	50.5	30.21	1.0232	48.5	27.90	1.0216	49.6	26.73	1.0206
25	49.8	27.16	1.0209	47.4	27.90	1.0217	49.5	27.57	1.0212
26	49.8	28.48	1.0219	47.6	27.97	1.0217	49.6	27.66	1.0213
27	49.5	27.81	1.0214	47.7	27.97	1.0218	49.5	27.74	1.0214
28	51.0	30.62	1.0235	47.3	26.73	1.0208	49.5	27.85	1.0215
29	50.8	30.28	1.0232	47.4	27.57	1.0214	49.1	28.42	1.0220
30	49.0	27.29	1.0211	46.7	27.32	1.0213	49.0	28.26	1.0218
31	49.0	28.03	1.0216						
1950 Mean	51.8	30.22	1.0231	48.1	28.42	1.0220	48.8	28.05	1.0217
1935-50	52.5	30.71	1.0233	49.0	29.70	1.0228	47.3	29.11	1.0226
1941-50	52.5	30.59	1.0234	48.9	29.78	1.0231	46.9	29.15	1.0227

Seawater Records from Race Rocks, Juan de Fuca strait

January, 1950				February, 1950				March, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1	44.8	30.93	1.0242	41.9	31.06	1.0246	43.4	30.53	1.0240		
2	43.5	30.95	1.0244	42.0	31.42	1.0248	43.7	30.55	1.0240		
3	43.8	30.99	1.0244	42.0	31.35	1.0248	43.7	30.21	1.0238		
4	43.8	31.11	1.0245	41.2	31.15	1.0247	43.8	30.93	1.0243		
5	44.6	31.11	1.0244	41.2	31.27	1.0248	44.2	30.84	1.0242		
6	44.8	30.93	1.0242	43.2	31.71	1.0250	43.8	31.09	1.0244		
7	44.4	31.08	1.0244	41.5	31.53	1.0250	44.1	31.11	1.0245		
8	44.2	30.99	1.0243	41.3	31.18	1.0247	43.7	31.18	1.0244		
9	43.7	31.08	1.0244	42.8	31.18	1.0246	43.4	31.18	1.0245		
10	44.1	31.53	1.0248	42.8	31.13	1.0246	43.2	30.77	1.0242		
11	43.8	31.46	1.0247	43.0	31.02	1.0244	42.8	30.68	1.0242		
12	43.5			42.2	31.09	1.0246	43.0	30.62	1.0241		
13				42.6	31.24	1.0247	43.4	30.81	1.0243		
14	42.0	30.95	1.0245	42.4	31.11	1.0246	43.8	30.72	1.0242		
15	41.9	31.09	1.0246	42.8	31.08	1.0245	43.7	30.39	1.0239		
16	41.9	31.46	1.0249	43.0	31.18	1.0246	44.1	30.75	1.0242		
17	41.5	31.24	1.0247	43.4	31.17	1.0245	44.2	30.75	1.0242		
18	41.9	31.35	1.0248	43.5	31.33	1.0247	44.4	31.36	1.0246		
19	42.0	31.27	1.0247	43.7	31.18	1.0245	44.6	30.99	1.0243		
20	43.4	31.00	1.0244	43.2	31.29	1.0246	44.1	30.72	1.0242		
21	43.7	31.33	1.0246	43.4	31.17	1.0245	44.4	30.70	1.0241		
22	43.4	30.99	1.0244	43.0	31.06	1.0245	44.1	30.99	1.0243		
23	42.6	31.51	1.0249	43.2	30.97	1.0244	44.1	30.95	1.0243		
24	43.4	31.38	1.0247	43.2	30.84	1.0243	44.2	30.86	1.0242		
25	43.2	31.27	1.0246	42.2	30.23	1.0239	44.2	30.90	1.0243		
26				42.2	30.72	1.0243	44.1	30.95	1.0243		
27				42.6	30.91	1.0244	44.1	30.97	1.0243		
28	43.4	30.82	1.0243	42.2	30.70	1.0242	44.1	29.76	1.0234		
29	40.8	30.81	1.0244				44.9	30.82	1.0242		
30							45.1	30.61	1.0240		
31							44.9	30.81	1.0242		
1950 Mean	43.2	31.14	1.0245	42.6	31.12	1.0246	44.0	30.79	1.0242		
1942-50	45.0	31.34	1.0239	44.6	31.30	1.0239	45.2	31.40	1.0246		

Seawater Records from Race Rocks, Juan de Fuca strait

April, 1950

May, 1950

June, 1950

Day of Month	Water			Water Temp. °F	Salinity			Water Temp. °F	Salinity			Water Temp. °F	Salinity		
	Temp. °F	°/	Density		°/	°/	Density		°/	°/	Density		°/	°/	Density
1	46.1	31.02	1.0242	46.9	30.99	1.0241	48.3	31.83	1.0247						
2	45.8	31.06	1.0243	47.3	31.22	1.0243	47.8	31.80	1.0247						
3	46.2	31.38	1.0245	47.0	31.58	1.0246	48.5	31.69	1.0245						
4	46.8	31.00	1.0242	46.0	31.80	1.0248	47.9	31.83	1.0247						
5	45.0	31.51	1.0247	45.8	31.83	1.0249	47.7	31.46	1.0244						
6	45.4	31.27	1.0245	46.6	31.36	1.0245	47.3	31.78	1.0247						
7	44.5	31.04	1.0244	46.0	31.78	1.0248	48.8	31.55	1.0244						
8	44.8	31.38	1.0246	46.1	31.29	1.0244	48.5	30.90	1.0239						
9	44.5	31.20	1.0245	46.8	31.27	1.0244	49.8	30.62	1.0236						
10	45.0	30.93	1.0242	47.1	31.51	1.0245	51.0	30.88	1.0237						
11	45.9	31.02	1.0242	49.1	31.27	1.0242	49.8	30.82	1.0238						
12	46.1	31.02	1.0242	50.1	31.08	1.0239	49.7	30.77	1.0237						
13	45.9	31.24	1.0244	47.7	30.95	1.0239	49.3	31.04	1.0240						
14	46.0	30.97	1.0242	49.1	31.15	1.0241	49.5	31.15	1.0240						
15	46.0	31.09	1.0243	49.2	31.29	1.0242	49.7	30.99	1.0239						
16	45.9	30.77	1.0240	47.8	31.26	1.0242	50.0	31.13	1.0240						
17	46.5	31.02	1.0242	47.4	31.46	1.0245	49.4	31.53	1.0243						
18	47.1	31.20	1.0243	46.9	31.46	1.0245	48.5	31.40	1.0243						
19	46.4	30.81	1.0240	47.5	31.42	1.0244	48.4	31.60	1.0245						
20	45.5	31.18	1.0244	47.2	31.33	1.0244	47.7	31.58	1.0245						
21	46.0	31.13	1.0243	47.5	31.44	1.0245	47.5	31.80	1.0247						
22	45.0	31.00	1.0243	47.2	31.64	1.0246	48.0	31.51	1.0245						
23	45.9	31.15	1.0243	46.8	31.65	1.0247	48.4	31.35	1.0243						
24	44.9	30.81	1.0242	47.5	30.95	1.0241	49.2	30.79	1.0238						
25	45.1	30.81	1.0242	48.1	31.02	1.0241	51.6	31.27	1.0239						
26	45.5	30.73	1.0241	47.8	31.13	1.0242	51.8	31.11	1.0238						
27	47.0	30.62	1.0239	50.7	31.08	1.0239	49.8	30.97	1.0238						
28	49.0	30.68	1.0237	49.6	31.18	1.0240	49.9	31.46	1.0242						
29	48.4	30.64	1.0237	49.7	31.06	1.0239	49.6	31.06	1.0239						
30	46.5	30.77	1.0240	48.6	31.47	1.0244	48.4	31.62	1.0245						
31				47.5	31.49	1.0245									
1950 Mean	46.0	31.02	1.0242	47.7	31.34	1.0243	49.1	31.31	1.0242						
1941-50	46.7	31.51	1.0246	48.7	31.52	1.0244	50.4	31.40	1.0242						

Seawater Records from Race Rocks, Juan de Fuca strait

July, 1950

August, 1950

September, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	49.3	31.67	1.0245	50.3	31.58	1.0243	50.1	31.38	1.0242
2	48.6	31.65	1.0245	49.5	31.74	1.0245	51.1	30.86	1.0237
3	48.3	31.47	1.0244	49.9	31.38	1.0242	51.5	30.70	1.0235
4	48.8	31.38	1.0243	50.3	31.29	1.0241	51.7	30.53	1.0234
5	49.9	31.08	1.0239	51.4	30.41	1.0233	52.1	30.19	1.0230
6	49.5	30.77	1.0237	53.1	29.40	1.0223	52.7	29.99	1.0228
7	49.3	30.68	1.0237	52.4	29.27	1.0223	53.0	30.41	1.0231
8	50.5	30.23	1.0232	52.6	29.58	1.0225	53.2	30.05	1.0228
9	51.1	30.26	1.0232	51.8	29.74	1.0227	53.0	30.19	1.0230
10	50.7	30.17	1.0232	51.6	29.90	1.0229	51.0	30.75	1.0236
11	50.2	30.25	1.0233	51.8	30.35	1.0232	52.1	30.57	1.0234
12	51.3	30.46	1.0234	51.6	30.73	1.0235	50.4	30.75	1.0237
13	49.9	31.09	1.0239	50.8	31.11	1.0239	50.1	31.11	1.0240
14	50.6	31.42	1.0242	50.6	30.75	1.0236	49.1	31.67	1.0245
15	49.5	31.29	1.0242	49.7	31.56	1.0243	48.3	31.69	1.0246
16	49.6	31.00	1.0239	50.3	31.40	1.0242	50.3	31.51	1.0243
17	50.1	31.00	1.0239	50.7	31.44	1.0242	49.7	31.65	1.0244
18	49.5	31.27	1.0241	49.5	31.74	1.0245	49.1	31.69	1.0245
19	49.3	31.15	1.0241	49.5	31.56	1.0244	49.5	31.44	1.0243
20	50.2	30.52	1.0235	49.7	31.38	1.0242	49.8	31.56	1.0242
21	50.6	30.43	1.0234	49.9	31.17	1.0240	51.6	31.71	1.0243
22	50.1	30.77	1.0237	50.7	31.46	1.0242	50.4	31.73	1.0244
23	51.0	30.28	1.0232	50.9	31.13	1.0239	49.6	31.60	1.0244
24	51.6	30.21	1.0231	51.2	31.24	1.0240	49.7	31.58	1.0243
25	52.8	30.61	1.0233	52.4	31.58	1.0241	49.8	31.55	1.0243
26	52.2	30.86	1.0236	50.4	31.55	1.0243	48.9	31.96	1.0247
27	50.6	30.91	1.0237	50.2	31.85	1.0245	48.9	31.91	1.0247
28	50.9	31.29	1.0240	49.7	31.76	1.0245	49.7	31.82	1.0245
29	50.8	31.74	1.0244	50.3	31.76	1.0244	50.0	31.73	1.0244
30	49.8	31.62	1.0244	49.8	31.69	1.0244	49.8	31.56	1.0243
31	49.2	31.58	1.0244	51.6	31.20	1.0239			
1950 Mean	50.2	30.94	1.0238	50.8	31.05	1.0238	50.5	31.19	1.0232
1941-50	51.1	31.25	1.0240	51.3	31.28	1.0240	50.7	31.42	1.0241

Seawater Records from Bass hooks, Juan de Fuca strait

October, 1950				November, 1950				December, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1	48.1	31.47	1.0243	48.2	32.34	1.0235	46.2	30.66	1.0241		
2	49.6	31.20	1.0241	48.1	30.97	1.0240	45.9	30.86	1.0241		
3	48.8	31.00	1.0240	48.6	30.73	1.0238	46.3	30.57	1.0239		
4	49.6	30.88	1.0238	49.9	30.88	1.0238	46.2	30.57	1.0239		
5	49.5	30.52	1.0236	48.7	30.99	1.0240	46.3	30.26	1.0236		
6	49.7	30.55	1.0236	49.0	30.91	1.0239	46.8	30.32	1.0236		
7	50.4	30.72	1.0236	48.6	30.82	1.0239	46.8	30.35	1.0237		
8	50.2	30.90	1.0238	47.9	30.86	1.0239	46.7	30.39	1.0237		
9	49.4	30.81	1.0238	47.6	30.81	1.0239	46.9	30.43	1.0237		
10	49.3	31.04	1.0240	47.5	30.72	1.0239	46.9	30.59	1.0238		
11	48.5	31.67	1.0245	47.6	30.90	1.0240	47.0	30.62	1.0239		
12	48.8	31.49	1.0244	47.6	30.93	1.0240	46.8	30.62	1.0239		
13	48.6	31.71	1.0246	46.5	31.22	1.0244	46.5	30.55	1.0238		
14	48.6	31.78	1.0246	46.5	31.09	1.0243	46.0	30.72	1.0240		
15	48.3	31.78	1.0246	47.1	30.81	1.0248	46.3	30.73	1.0240		
16	48.4	31.76	1.0246	46.8	31.27	1.0244	46.2	30.70	1.0240		
17	48.3	31.29	1.0243	46.6	30.95	1.0241	46.6	30.61	1.0239		
18	48.2	30.93	1.0240	46.9	30.84	1.0240	46.4	30.37	1.0237		
19	48.5	31.04	1.0240	46.5	30.81	1.0240	46.6	30.26	1.0236		
20	49.3	31.11	1.0240	47.3	30.68	1.0239	46.4	30.08	1.0235		
21	49.5	30.99	1.0239	47.2	30.88	1.0240	46.8	30.08	1.0234		
22	48.9	30.91	1.0239	46.3	30.30	1.0237	46.8	29.96	1.0234		
23	49.3	31.00	1.0239	46.6	30.16	1.0235	46.9	29.63	1.0231		
24	48.5	30.75	1.0238	47.4	30.62	1.0238	47.3	29.65	1.0231		
25	48.4	30.72	1.0240	47.3	30.61	1.0238	47.3	29.90	1.0233		
26	48.0	30.72	1.0240	47.6	30.62	1.0238	46.6	30.08	1.0235		
27	48.1	30.77	1.0239	47.4	30.73	1.0239	46.6	30.10	1.0235		
28	47.9	30.23	1.0235	47.1	32.45	1.0253	46.8	30.05	1.0234		
29	47.7	30.97	1.0240	46.5	30.53	1.0238	46.7	30.08	1.0234		
30	48.0	30.97	1.0240	46.1	30.86	1.0241	45.9	30.23	1.0236		
31	47.9	30.81	1.0239				45.7	30.01	1.0235		
1950 Mean	48.8	31.04	1.0240	47.5	30.90	1.0240	46.6	30.33	1.0237		
1941-50	49.3	31.52	1.0243	47.6	31.51	1.0245	46.3	31.21	1.0246		

Seawater Records from Entrance island, Georgia strait central

Day of Month	January, 1950			February, 1950			March, 1950		
	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	42.8	28.17	1.0222	39.3	28.77	1.0229	42.9	23.31	1.0184
2	42.5	28.33	1.0223	40.0	28.80	1.0229	43.2	28.80	1.0227
3	42.2	28.10	1.0222	40.5	28.93	1.0229	43.9	29.29	1.0230
4	42.6	28.06	1.0221	42.8	29.31	1.0232	44.1	29.02	1.0228
5	42.8	28.49	1.0224	41.0	29.00	1.0230	43.7	28.57	1.0225
6	44.0	28.80	1.0226	40.0	28.71	1.0228	43.5	25.37	1.0199
7	44.2	28.82	1.0226	42.5	29.42	1.0232	43.4	26.08	1.0205
8	43.2	28.69	1.0226	45.0	30.07	1.0236	42.9	25.79	1.0203
9	43.0	28.71	1.0226	45.0	30.08	1.0236	43.0	28.33	1.0224
10	44.8	29.14	1.0229	45.1	30.07	1.0236	43.0	28.57	1.0225
11	43.9	28.87	1.0227	43.7	29.74	1.0234	41.0	26.89	1.0212
12	42.0	28.55	1.0226	43.8	29.74	1.0234	42.0	27.92	1.0221
13	40.5	28.08	1.0222	45.0	29.90	1.0234	43.0	28.77	1.0227
14	39.0	28.21	1.0224	45.2	29.97	1.0235	42.4	27.43	1.0217
15	39.4	27.79	1.0221	46.2	29.92	1.0234	43.8	29.05	1.0229
16	40.0	28.31	1.0225	45.8	29.45	1.0230	44.0	29.36	1.0231
17	37.0	27.81	1.0222	44.8	29.58	1.0232	44.0	29.04	1.0228
18	37.0	27.79	1.0222	44.4	29.58	1.0232	43.8	27.38	1.0215
19	36.8	27.27	1.0218	43.8	28.39	1.0223	45.3	28.62	1.0224
20	41.7	28.40	1.0224	45.0	29.96	1.0235	44.2	29.33	1.0231
21	41.2	28.55	1.0226	44.8	29.76	1.0233	44.0	29.38	1.0231
22	40.6	27.29	1.0216	44.8	29.72	1.0233	43.8	29.33	1.0231
23	40.3	26.40	1.0209	43.0	28.55	1.0225	43.7	29.29	1.0230
24	40.2	28.64	1.0227	41.8	26.69	1.0211	44.5	29.67	1.0233
25	38.8	28.57	1.0227	42.0	26.31	1.0208	44.0	28.93	1.0227
26	39.4	28.66	1.0228	41.3	27.57	1.0216	44.3	28.96	1.0227
27	39.2	28.87	1.0229	41.5	24.25	1.0192	44.1	28.84	1.0227
28	38.5	28.35	1.0226	43.5	23.28	1.0183	44.0	27.36	1.0215
29	39.0	28.59	1.0227				44.8	27.36	1.0214
30	38.9	28.35	1.0225				44.7	27.39	1.0215
31	39.1	28.37	1.0226				44.0	26.96	1.0212
1950 Mean	40.8	28.29	1.0224	43.3	28.77	1.0226	43.6	28.08	1.0221
1937-50	44.4	28.34	1.0222	44.5	28.69	1.0225	45.2	28.69	1.0225
1941-50	44.3	28.44	1.0223	44.7	28.74	1.0225	45.2	28.86	1.0226

Seawater Records from Entrance island, Georgia strait central

April, 1950

May, 1950

June, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	44.5	27.41	1.0215	47.5	28.31	1.0220	54.0	26.74	1.0202
2	44.5	27.59	1.0216	48.5	27.83	1.0215	57.3	24.88	1.0184
3	45.3	27.65	1.0216	51.8	26.36	1.0201	54.4	26.40	1.0199
4	45.6	27.81	1.0217	49.8	27.54	1.0213	53.8	26.76	1.0202
5	44.7	28.13	1.0221	46.6	28.12	1.0219	57.6	26.54	1.0197
6	44.0	28.01	1.0220	48.5	26.55	1.0205	56.1	25.59	1.0191
7	44.3	28.17	1.0221	48.0	27.47	1.0213	56.0	25.52	1.0191
8	45.0	28.08	1.0220	49.0	27.68	1.0215	54.0	27.20	1.0205
9	45.0	28.03	1.0220	48.8	27.90	1.0216	56.3	26.73	1.0200
10	45.0	28.06	1.0220	51.6	27.68	1.0213	61.0	21.22	1.0152
11	44.5	28.62	1.0225	53.2	27.52	1.0209	61.8	23.37	1.0167
12	44.8	29.00	1.0227	52.8	27.43	1.0209	57.5	26.31	1.0195
13	45.0	29.05	1.0228	52.5	27.99	1.0213	56.8	27.41	1.0204
14	44.9	29.36	1.0230	52.9	27.61	1.0210	54.8	26.65	1.0201
15	45.5	29.00	1.0227	53.5	27.65	1.0209	57.2	26.53	1.0197
16	45.1	29.61	1.0232	51.7	27.99	1.0214	63.0	20.72	1.0146
17	47.0	27.43	1.0214	51.8	27.66	1.0211	54.7	27.09	1.0204
18	48.5	25.26	1.0195	50.8	26.91	1.0206	54.4	27.41	1.0207
19	50.6	24.18	1.0185	48.4	28.80	1.0221	54.0	26.89	1.0203
20	47.4	26.64	1.0207	48.5	27.61	1.0214	56.2	26.09	1.0195
21	46.0	25.72	1.0201	47.0	28.84	1.0224	57.9	19.16	1.0139
22	45.8	26.76	1.0209	50.1	26.76	1.0206	58.0	20.32	1.0149
23	46.2	27.52	1.0215	51.2	23.86	1.0182	58.6	17.92	1.0130
24	46.5	27.52	1.0215	51.8	25.21	1.0192	60.2	16.73	1.0119
25	46.3	27.77	1.0217	53.6	25.43	1.0192	60.0	20.17	1.0145
26	47.0	26.58	1.0207	53.0	25.23	1.0191	60.7	23.03	1.0166
27	47.8	27.66	1.0215	53.4	26.00	1.0197	58.8	23.15	1.0169
28	48.5	27.97	1.0216	53.2	25.73	1.0195	65.0	11.91	1.0077
29	48.0	27.57	1.0214	54.3	26.35	1.0198	70.0	6.42	1.0029
30	47.2	28.24	1.0220	54.8	25.91	1.0195	63.5	8.96	1.0056
31				56.2	25.70	1.0192			
1950 Mean	46.0	27.66	1.0216	51.1	27.03	1.0207	58.1	22.79	1.0167
1936-50	47.9	28.55	1.0222	53.7	26.29	1.0199	58.7	23.72	1.0174
1941-50	47.9	28.66	1.0222	53.3	26.91	1.0204	58.8	23.77	1.0174

Seawater Records from Entrance island, Georgia strait central

Day of Month	July, 1950			August, 1950			September, 1950		
	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	64.5	13.50	1.0089	63.9	20.07	1.0140	61.0	23.84	1.0172
2	66.0	13.60	1.0088	62.0	18.31	1.0129	57.6	25.70	1.0190
3	65.9	16.94	1.0114	63.4	19.36	1.0135	61.1	24.69	1.0179
4	65.2	18.57	1.0127	63.0	21.26	1.0150	61.6	23.50	1.0169
5	65.0	18.10	1.0124	63.2	21.35	1.0151	63.2	22.38	1.0159
6	62.0	21.24	1.0151	56.0	25.93	1.0194	61.5	23.13	1.0166
7	65.0	17.85	1.0122	59.5	25.44	1.0186	60.6	24.27	1.0176
8	56.0	24.63	1.0184	64.0	23.82	1.0168	60.5	25.05	1.0182
9	55.0	25.82	1.0194	62.0	24.40	1.0175	62.1	23.57	1.0169
10	58.8	21.46	1.0156	66.5	23.69	1.0184	62.2	25.55	1.0169
11	63.7	14.13	1.0095	68.0	15.52	1.0100	62.0	25.91	1.0172
12	66.7	12.54	1.0079	64.6	20.37	1.0141	64.5	26.09	1.0185
13	65.1	14.22	1.0094	61.2	23.04	1.0166	56.5	27.00	1.0201
14	67.0	13.71	1.0088	56.0	25.46	1.0190	54.6	27.48	1.0207
15	66.2	16.37	1.0109	55.1	26.42	1.0198	56.0	27.63	1.0207
16	65.1	17.43	1.0188	55.4	26.65	1.0200	54.3	27.63	1.0208
17	66.3	18.64	1.0126	64.0	19.36	1.0134	58.0	26.83	1.0199
18	65.7	16.78	1.0113	64.5	18.73	1.0129	59.0	25.53	1.0187
19	65.5	17.45	1.0118	67.0	18.69	1.0126	57.0	26.94	1.0200
20	65.3	18.01	1.0123	66.5	19.72	1.0134	57.2	27.38	1.0203
21	65.5	19.29	1.0132	68.5	19.76	1.0132	59.0	26.08	1.0191
22	67.6	19.11	1.0128	63.3	22.34	1.0159	56.3	27.47	1.0205
23	67.8	18.08	1.0120	56.4	26.00	1.0194	51.3	28.60	1.0219
24	66.0	22.29	1.0154	58.3	26.09	1.0192	50.0	28.73	1.0221
25	63.4	23.68	1.0168	64.0	24.99	1.0177	50.5	28.91	1.0222
26	61.2	24.52	1.0177	62.0	24.18	1.0173	56.2	26.02	1.0194
27	58.9	24.83	1.0183	64.8	19.13	1.0131	55.0	25.75	1.0193
28	58.9	24.76	1.0181	64.2	19.99	1.0139	55.2	25.79	1.0193
29	63.6	24.69	1.0176	61.8	22.16	1.0159	55.0	26.11	1.0196
30	65.1	16.98	1.0115	62.4	22.57	1.0161	54.5	25.93	1.0195
31	64.5	18.82	1.0130	62.6	23.35	1.0167			
1950 Mean	64.0	18.97	1.0131	62.4	22.20	1.0158	57.8	25.98	1.0192
1936-50	62.6	23.26	1.0166	62.5	25.15	1.0179	58.8	26.19	1.0192
1941-50	62.7	23.29	1.0166	62.6	24.93	1.0179	58.2	26.34	1.0194

Seawater Records from Entrance island, Georgia strait central

October, 1950

November, 1950

December, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	54.0	26.31	1.0199	48.2	25.88	1.0200	44.8	27.12	1.0213
2	53.0	26.44	1.0200	47.5	27.14	1.0211	45.8	27.99	1.0219
3	52.9	27.21	1.0207	48.6	26.42	1.0204	45.2	27.99	1.0219
4	52.5	27.50	1.0209	49.0	25.05	1.0193	44.4	27.32	1.0215
5	52.0	27.92	1.0213	47.1	23.91	1.0186	45.1	28.30	1.0222
6	51.6	28.17	1.0215	48.3	24.52	1.0190	46.3	28.55	1.0223
7	48.9	29.18	1.0226	47.5	24.22	1.0188	44.5	26.49	1.0208
8	53.8	26.04	1.0197	48.0	26.11	1.0202	46.0	28.19	1.0220
9	49.0	28.93	1.0223	47.0	26.65	1.0207	46.5	28.66	1.0223
10	49.0	28.96	1.0224	46.6	27.03	1.0211	45.6	26.62	1.0208
11	48.4	29.04	1.0225	46.7	28.13	1.0219	46.0	26.87	1.0210
12	50.2	27.11	1.0208	46.9	28.40	1.0221	44.3	23.21	1.0182
13	49.7	28.46	1.0219	45.4	26.92	1.0221	44.2	25.05	1.0197
14	50.8	25.07	1.0192	45.0	28.21	1.0221	43.2	24.31	1.0192
15	50.3	26.04	1.0200	47.1	27.50	1.0214	45.0	26.44	1.0207
16	50.2	26.40	1.0203	47.5	26.73	1.0208	44.0	25.64	1.0201
17	50.3	26.33	1.0202	47.3	29.30	1.0227	43.9	25.35	1.0199
18	50.4	26.56	1.0204	46.8	29.14	1.0227	44.5	25.81	1.0202
19	50.0	26.58	1.0203	46.1	28.69	1.0224	44.5	26.06	1.0205
20	50.3	26.38	1.0202	46.4	30.66	1.0239	45.4	27.27	1.0213
21	50.0	26.44	1.0203	46.3	27.74	1.0217	46.3	28.39	1.0221
22	49.7	26.46	1.0204	44.4	26.29	1.0206	45.4	27.59	1.0216
23	50.0	26.62	1.0205	45.7	26.94	1.0211	46.3	27.68	1.0216
24	49.7	28.06	1.0216	45.7	27.27	1.0213	46.2	27.09	1.0211
25	48.8	29.07	1.0225	45.9	27.11	1.0212	45.3	25.03	1.0196
26	48.6	27.32	1.0211	46.0	27.25	1.0213	44.5	21.11	1.0166
27	48.0	28.59	1.0222	45.8	28.46	1.0222	44.3	22.97	1.0180
28	47.3	29.31	1.0228	45.3	26.42	1.0207	45.2	27.56	1.0216
29	48.0	27.99	1.0247	44.5	26.35	1.0207	45.2	27.30	1.0214
30	47.5	27.34	1.0213	45.1	26.55	1.0208	44.3	25.12	1.0197
31	48.2	26.76	1.0207				44.0	24.83	1.0195
1950 Mean	50.1	27.37	1.0211	46.6	27.03	1.0211	45.0	26.38	1.0206
1936-50	52.8	27.70	1.0210	48.2	27.98	1.0217	46.1	27.75	1.0216
1941-50	52.2	27.71	1.0211	48.4	28.05	1.0217	46.1	28.01	1.0219

Seawater Records from Cape Mudge, Georgia strait north

January, 1950				February, 1950				March, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		Water Temp. °F	Salinity ‰	Density	
1				42.5	29.79	1.0235		45.2	28.06	1.0220	
2				42.7	29.92	1.0236					
3				42.5	30.01	1.0237					
4	42.5	29.56	1.0234	43.5	29.70	1.0234		46.2	29.49	1.0230	
5								45.5	29.33	1.0230	
6								43.2	28.93	1.0228	
7	42.0	28.44	1.0225	42.0	28.48	1.0225		44.5	29.09	1.0229	
8	42.0	29.02	1.0229	43.0	28.39	1.0224		44.7	29.52	1.0232	
9	40.2	28.96	1.0230	43.2	27.65	1.0218		44.5	29.49	1.0232	
10											
11				44.0	28.48	1.0224		44.0	29.42	1.0231	
12								44.2	27.38	1.0215	
13				44.5	27.21	1.0214		44.7	23.51	1.0184	
14	38.0	29.04	1.0232					45.0	28.35	1.0222	
15	41.5	29.40	1.0233	45.0	27.27	1.0214					
16	38.2	29.61	1.0236					44.7	29.29	1.0230	
17	38.5	29.36	1.0234					44.5	27.41	1.0215	
18	42.0	29.61	1.0234								
19	40.2	28.68	1.0228					45.2	29.36	1.0230	
20	42.2	29.58	1.0234	44.2	28.40	1.0223					
21	42.0	28.84	1.0228					45.0	28.53	1.0223	
22	42.2	28.73	1.0227	44.2	28.51	1.0224		44.7	29.13	1.0229	
23	41.2	29.43	1.0233								
24				44.7	27.54	1.0216					
25	41.0	28.22	1.0224	44.5	28.48	1.0223		44.5	28.95	1.0227	
26	40.2	29.11	1.0232	44.7	27.95	1.0219					
27	41.0	29.67	1.0235	45.0	28.08	1.0220		45.0	29.09	1.0228	
28	41.5	29.54	1.0234	45.5	25.61	1.0200		45.5	28.10	1.0220	
29								45.5	26.53	1.0208	
30	42.2	29.83	1.0236					50.0	28.33	1.0218	
31	39.4	29.40	1.0234					47.2	28.82	1.0224	
1950 Mean	40.9	29.20	1.0232	43.9	28.32	1.0223		45.2	28.46	1.0222	
1937-50	44.0	28.70	1.0226	44.5	28.71	1.0226		46.4	29.18	1.0220	
1941-50	44.2	28.99	1.0227	44.8	28.82	1.0226		46.6	29.31	1.0229	

Seawater Records from Cape Mudge, Georgia strait north

April, 1950

May, 1950

June, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	50.0	29.61	1.0228	48.2	29.40	1.0228	52.5	28.96	1.0221
2	50.7	29.63	1.0228	51.0	29.47	1.0226	53.0	29.09	1.0221
3	50.2	29.13	1.0224	50.7	29.25	1.0225	53.0	29.54	1.0225
4	50.0	28.66	1.0220	49.5	29.18	1.0225	52.7	29.45	1.0224
5	49.2	29.67	1.0229	49.2	29.43	1.0227	52.5	29.43	1.0225
6	48.5	29.63	1.0230	46.0	29.70	1.0232	52.2	29.40	1.0224
7	48.7	29.72	1.0233	46.7	29.43	1.0229	52.0	29.54	1.0226
8	45.2	29.69	1.0233	47.2	29.16	1.0227	54.7	29.72	1.0224
9	45.5	28.69	1.0224	48.5	29.16	1.0226	56.5	29.52	1.0221
10				50.2	29.76	1.0229	60.0	29.04	1.0213
11				53.7	29.33	1.0222	60.7	28.53	1.0208
12				55.5	29.49	1.0222	59.0	29.07	1.0215
13	48.0	28.46	1.0221	54.7	29.29	1.0221	58.2	28.68	1.0228
14				54.2	29.31	1.0222	58.0	27.97	1.0207
15	48.2	28.91	1.0224	53.0	29.65	1.0226	58.2	28.15	1.0208
16				53.5	29.83	1.0227	57.2	28.28	1.0210
17	48.7	29.23	1.0226	52.7	29.67	1.0226	57.0	28.32	1.0215
18	51.5	28.86	1.0221	51.2	29.23	1.0224	57.5	28.84	1.0213
19	48.0	29.56	1.0228	50.2	29.79	1.0229	57.2	28.10	1.0209
20	47.2	29.31	1.0228	49.5	29.38	1.0227	57.5	27.61	1.0205
21				49.2	29.27	1.0226	57.0	27.32	1.0204
22	47.0	28.64	1.0223	48.7	29.47	1.0228	56.2	28.42	1.0213
23	45.5	29.14	1.0228	48.5	29.36	1.0227	55.5	28.02	1.0192
24				49.5	29.22	1.0225	55.2	26.17	1.0193
25				51.2	29.42	1.0226	55.0	26.49	1.0196
26	47.2	28.19	1.0219	54.0	28.86	1.0218	60.5	24.63	1.0179
27	49.5	29.47	1.0228	54.5	28.26	1.0213	58.7	27.09	1.0200
28	52.0	29.52	1.0226				60.2	24.83	1.0181
29	52.5	29.61	1.0226	52.0	29.58	1.0226	59.7	26.27	1.0192
30	52.0	29.63	1.0226	55.2	29.13	1.0219	58.5	25.34	1.0187
31				55.0	28.77	1.0216			
1950 Mean	48.7	29.22	1.0226	51.1	29.32	1.0225	56.8	28.08	1.0209
1937-50	49.4	29.57	1.0229	53.0	29.37	1.0223	58.7	28.03	1.0207
1942-50	49.2	29.71	1.0230	53.0	29.49	1.0225	59.4	28.20	1.0207

Seawater Records from Cape Mudge, Georgia strait north

Day of Month	July, 1950			August, 1950			September, 1950		
	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	58.7	26.49	1.0195	58.2	24.09	1.0177	53.0	28.42	1.0216
2	58.5	27.97	1.0207	55.0	27.77	1.0209	53.2	27.90	1.0212
3	57.7	28.33	1.0211	50.7	27.97	1.0214	52.5	26.53	1.0202
4	57.5	27.79	1.0206	52.5	28.10	1.0214	53.5	27.94	1.0212
5	57.0	27.25	1.0203	53.7	26.91	1.0203	54.7	26.24	1.0197
6	56.5	26.85	1.0200	55.0	27.70	1.0208	57.0	27.52	1.0205
7	59.2	26.65	1.0196	55.7	26.98	1.0202	56.5	28.22	1.0211
8				58.5	26.24	1.0193	55.7	28.33	1.0212
9				58.2	26.78	1.0198	55.0	28.49	1.0214
10	60.0	23.93	1.0174	61.0	25.72	1.0186	52.7	28.89	1.0221
11	61.5	24.49	1.0177	60.7	28.51	1.0208	53.0	28.15	1.0214
12	62.0	22.54	1.0161	59.5	26.27	1.0192	54.7	28.71	1.0216
13	58.7	24.49	1.0180	56.2	26.78	1.0201	54.2	28.39	1.0214
14	58.5	25.07	1.0184				50.0	29.88	1.0230
15	57.0	26.40	1.0196	56.0	26.85	1.0201	49.5	29.02	1.0224
16	57.2	27.66	1.0206	55.2	27.16	1.0204	46.2	28.01	1.0219
17	56.7	28.13	1.0210	55.0	25.23	1.0189	51.2	28.68	1.0219
18	56.2	28.46	1.0213	55.7	24.61	1.0184	54.0	28.42	1.0215
19	54.5	27.99	1.0211	60.7	25.41	1.0185	52.7	27.88	1.0212
20	54.2	27.29	1.0206	61.2	26.06	1.0189	55.5	27.94	1.0210
21	52.7	28.19	1.0214	61.5	26.26	1.0190	59.2	27.90	1.0205
22	57.5	26.33	1.0195	57.0	26.96	1.0200	56.0	27.97	1.0209
23	60.0	26.76	1.0196	57.5	26.49	1.0196	52.5	28.59	1.0218
24	61.2	25.88	1.0187	57.0	24.72	1.0183	55.2	28.64	1.0215
25	61.0	26.80	1.0195	61.5	26.44	1.0191	52.7	28.08	1.0213
26	55.2	27.09	1.0203	58.0	26.69	1.0197	52.2	28.46	1.0217
27	57.5	24.00	1.0177	58.7	26.40	1.0194	52.5	28.66	1.0218
28	59.4	26.08	1.0191	58.2	26.40	1.0195	50.0	27.38	1.0211
29	51.7	25.19	1.0192	56.7	26.94	1.0201	49.7	27.81	1.0214
30	60.7	24.63	1.0179	53.0	28.03	1.0203	46.5	28.06	1.0219
31	58.5	25.93	1.0197	52.2	28.69	1.0219			
1950 Mean	57.8	26.37	1.0195	57.0	26.62	1.0198	53.0	28.17	1.0214
1937-50	58.3	27.54	1.0203	57.4	27.99	1.0208	55.1	28.53	1.0215
1941-50	58.0	27.68	1.0205	57.3	27.87	1.0207	54.7	28.64	1.0216

Seawater Records from Cape Mudge, Georgia strait north

October, 1950				November, 1950				December, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1	48.0	27.86	1.0218	48.5	28.69	1.0222	44.5	28.64	1.0225		
2	49.7	27.79	1.0215	47.9	28.35	1.0220					
3	49.2	27.85	1.0215	48.5	27.85	1.0216	43.5	28.12	1.0221		
4				49.0	28.59	1.0221	44.0	28.92	1.0212		
5	50.0	27.48	1.0211	48.5	28.60	1.0221	44.2	28.17	1.0221		
6	49.7	26.91	1.0207	49.0	28.35	1.0219	45.5	28.31	1.0221		
7	49.5	29.00	1.0224	48.2	27.95	1.0217	46.0	27.95	1.0218		
8	49.7	28.13	1.0217	48.4	28.48	1.0220	46.2	28.69	1.0224		
9				47.8	28.82	1.0224	45.5	27.25	1.0213		
10	49.2	29.18	1.0226	47.5	27.99	1.0217	46.0	28.51	1.0222		
11	49.0	29.07	1.0225	46.5	27.99	1.0218	45.5	28.35	1.0198		
12	49.0	28.77	1.0222	46.5	29.16	1.0228	45.8	27.12	1.0212		
13	48.7	28.95	1.0224	45.5	27.43	1.0215	45.0	26.92	1.0211		
14	48.5	29.23	1.0227	45.2	27.54	1.0216	44.2	27.27	1.0214		
15	45.5	27.65	1.0216								
16	46.0	27.56	1.0215	45.8	29.14	1.0228	45.5	28.84	1.0226		
17	46.7	28.51	1.0222	46.0	29.02	1.0227	45.2	28.44	1.0222		
18	49.5	28.35	1.0219	45.6	28.64	1.0224	45.5	28.73	1.0221		
19	50.2	27.45	1.0211				45.3	28.13	1.0220		
20	51.7	28.64	1.0219	46.2	28.60	1.0223	45.9	28.83	1.0210		
21	51.5	28.10	1.0215	45.3	28.57	1.0223	46.0	25.68	1.0200		
22	49.0	28.86	1.0223	45.1	28.98	1.0227	45.2	27.05	1.0212		
23	49.2	28.49	1.0220	45.4	27.52	1.0215	45.0	26.65	1.0209		
24	48.5	28.62	1.0222	46.0	29.09	1.0227	46.1	28.33	1.0221		
25	49.2	29.47	1.0228	45.9	28.17	1.0220	45.8	27.81	1.0217		
26	48.2	28.87	1.0224	46.5	26.29	1.0205	45.6	25.68	1.0201		
27	48.8	28.55	1.0221	46.0	27.36	1.0214	45.0	25.68	1.0201		
28	47.9	28.24	1.0219	45.5	27.45	1.0215	45.4	22.95	1.0179		
29	49.0	28.51	1.0220	45.0	27.68	1.0217					
30	48.5	28.35	1.0219	44.3	27.63	1.0217	44.5	28.35	1.0207		
31	47.7	27.97	1.0217				44.5	26.06	1.0205		
1950 Mean	48.8	28.36	1.0219	46.6	28.21	1.0220	44.0	27.21	1.0214		
1937-50	51.1	28.95	1.0222	47.6	28.86	1.0225	45.0	28.01	1.0219		
1941-50	51.0	29.03	1.0223	47.8	29.10	1.0226	45.1	28.13	1.0220		

Seawater Records from Cape St. James, Queen Charlotte Islands

January, 1950				February, 1950				March, 1950			
Day of Month	Water Temp. °F	Salinity ‰ ..	Density	Water Temp. °F	Salinity ‰ ..	Density	Water Temp. °F	Salinity ‰ ..	Density		
1				39.0	32.21	1.0256	43.0	32.36	1.0255		
2	43.8	32.23	1.0253	39.7	32.16	1.0255	43.0	32.50	1.0256		
3	44.2	32.14	1.0252	39.7	32.23	1.0256	43.2	32.57	1.0256		
4	44.1	32.10	1.0252	40.1	32.59	1.0259	43.4	32.52	1.0256		
5	44.2	32.48	1.0255	40.6	32.47	1.0257	43.2	32.52	1.0256		
6	44.1	32.14	1.0252	40.4	32.50	1.0258	43.2	32.65	1.0257		
7	43.2	32.25	1.0254				43.4	32.52	1.0256		
8	43.5	32.39	1.0255	40.1	32.39	1.0257	43.4	32.47	1.0255		
9				40.4	32.25	1.0256	42.8	32.45	1.0256		
10	43.0	32.27	1.0254	40.4	32.52	1.0258	42.8	32.52	1.0256		
11	42.4	32.25	1.0255	40.6	32.48	1.0257	43.0	32.38	1.0255		
12	41.9	32.23	1.0255	40.8	32.29	1.0256	42.6	32.34	1.0255		
13				41.2	32.54	1.0258	42.6	32.27	1.0254		
14	41.5	32.25	1.0255	41.5	32.47	1.0257	43.0	32.32	1.0255		
15	41.3	32.23	1.0255	41.3	32.43	1.0257	43.0	32.36	1.0255		
16				41.5	32.50	1.0257	43.4	32.52	1.0256		
17				41.9	32.48	1.0256	43.4	32.48	1.0256		
18	41.5	32.39	1.0256	41.9	32.45	1.0256	43.4	32.38	1.0255		
19	41.3	32.47	1.0257	42.0	32.61	1.0258	43.7	32.34	1.0254		
20	41.3	32.43	1.0257	42.0	32.50	1.0257	43.4	32.34	1.0255		
21	41.7	32.47	1.0257				43.4	31.55	1.0248		
22	41.3	32.47	1.0257				43.7	32.54	1.0256		
23				42.4	32.36	1.0255					
24	40.1	32.30	1.0256	42.8	32.32	1.0255	43.7	32.41	1.0255		
25				42.4	32.43	1.0256	43.5	32.48	1.0255		
26	39.4	32.27	1.0256	42.2	32.39	1.0256	43.4	32.39	1.0255		
27	39.4	32.32	1.0257				43.2	32.34	1.0255		
28	39.5	32.12	1.0255	42.8	32.45	1.0256	43.0	32.47	1.0256		
29	39.5						43.2	32.36	1.0255		
30	39.5	32.27	1.0256				43.2	32.27	1.0254		
31	39.3	32.20	1.0256								
1950 Mean	41.7	30.95	1.0245	41.2	32.42	1.0257	43.2	32.40	1.0255		
1935-50	45.3	32.23	1.0253	43.8	32.35	1.0254	44.0	32.25	1.0253		
1941-50	45.5	32.20	1.0252	44.5	32.37	1.0254	44.5	32.22	1.0252		

Seawater Records from Cape St. James, Queen Charlotte islands

April, 1950				May, 1950				June, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1	43.5	32.27	1.0254	44.8	32.16	1.0252	48.0	32.50	1.0252		
2	43.7	32.23	1.0253	44.9	32.29	1.0253	47.5	32.50	1.0253		
3	43.5	32.27	1.0254	44.8	32.32	1.0253	46.9	32.43	1.0253		
4				44.9	32.36	1.0254	47.1	32.38	1.0252		
5	43.4	32.43	1.0255	44.9	32.38	1.0254	47.4	32.57	1.0253		
6	43.8	32.36	1.0254	45.8	32.25	1.0252	47.5	32.47	1.0252		
7				45.6	32.23	1.0252	47.1	32.54	1.0253		
8	43.4	32.43	1.0255	45.1	32.18	1.0252	46.7	32.23	1.0251		
9	43.4	32.36	1.0255	45.1	32.18	1.0252	47.4	32.43	1.0252		
10	43.5	32.34	1.0254	44.9	33.10	1.0259	47.8	32.47	1.0252		
11	43.7	32.32	1.0254	45.1	32.12	1.0252	48.5	32.34	1.0250		
12	43.7	32.43	1.0255	45.3	32.16	1.0252					
13	43.7	32.50	1.0256				49.3	30.61	1.0237		
14	43.5	32.41	1.0255	45.6	32.23	1.0252	49.3	32.25	1.0249		
15	44.1	32.39	1.0253	46.4	32.30	1.0252	50.2	32.34	1.0249		
16	43.7	32.16	1.0253				50.3	32.18	1.0247		
17	44.2	32.52	1.0255	45.9	32.47	1.0254	50.1	32.14	1.0248		
18	44.1	32.34	1.0254	45.0	32.36	1.0253	49.8	32.75	1.0249		
19	44.1	32.23	1.0253	45.1	32.45	1.0254	49.7	32.07	1.0247		
20	44.2	32.12	1.0252	45.8	30.79	1.0241	49.5	32.34	1.0250		
21	44.2	32.27	1.0253	45.7	32.48	1.0254	49.1	32.09	1.0248		
22	44.2	32.21	1.0253				48.9	32.27	1.0249		
23	44.6	32.14	1.0252	47.0	32.21	1.0251	48.8	32.29	1.0250		
24	44.6	32.20	1.0253	46.2	32.27	1.0252	48.7	32.27	1.0250		
25	44.6	32.09	1.0252	46.2	32.03	1.0250	48.5	32.16	1.0249		
26	44.4	32.32	1.0254	45.7	32.30	1.0252	49.9	31.94	1.0246		
27	44.8	31.80	1.0249	45.8	32.48	1.0254	49.7	31.94	1.0246		
28	44.9	31.98	1.0250	45.3	31.94	1.0250					
29	44.6	32.03	1.0251	45.4	32.32	1.0253					
30	44.8	32.10	1.0252	46.4	32.47	1.0253	49.6	32.34	1.0249		
31				46.1	32.52	1.0254					
1950 Mean	44.0	32.26	1.0254	45.5	32.26	1.0252	48.6	32.23	1.0250		
1935-50	45.1	32.32	1.0253	47.6	32.24	1.0250	49.9	32.21	1.0248		
1941-50	45.6	32.35	1.0253	47.7	32.23	1.0250	50.2	32.22	1.0248		

Seawater Records from Cape St. James, Queen Charlotte Islands

July, 1950				August, 1950				September, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		Water Temp. °F	Salinity ‰	Density	
1	50.5	32.09	1.0247	50.2	32.29	1.0249		50.0	31.80	1.0245	
2	51.5	32.21	1.0246	51.4	32.21	1.0246		51.1	31.76	1.0243	
3	50.7	32.16	1.0247	51.0	32.29	1.0249		50.6	31.85	1.0245	
4	50.1	32.23	1.0248					50.1	31.89	1.0246	
5	49.8	32.27	1.0249	50.0	32.27	1.0248		50.2	31.85	1.0245	
6	50.4	32.27	1.0248	50.5	32.29	1.0248		49.8	31.92	1.0246	
7				50.9	32.10	1.0246		51.9	31.83	1.0243	
8	49.6	32.27	1.0249	50.8	32.01	1.0246		51.8	31.65	1.0242	
9	50.6	31.98	1.0246	51.9	32.05	1.0245		51.8	31.69	1.0242	
10	49.8	32.25	1.0249	51.3	32.09	1.0246		53.3	31.65	1.0241	
11	50.2	32.03	1.0247	52.0	32.20	1.0246		51.5	31.76	1.0243	
12	49.6	31.98	1.0247	51.8	32.09	1.0245		53.2	31.87	1.0242	
13	50.2	32.03	1.0247	52.4	32.01	1.0244		53.5	31.60	1.0240	
14	51.5	31.71	1.0243	52.5	32.07	1.0245		53.8	31.73	1.0241	
15	51.1	32.23	1.0247	51.6	32.20	1.0246		52.0	31.78	1.0243	
16	50.8	32.10	1.0247	52.5	31.96	1.0244		52.8	31.82	1.0242	
17	51.0	32.21	1.0247	53.5	32.09	1.0244		52.1	31.78	1.0243	
18	50.7	32.16	1.0247	55.5	31.78	1.0239		54.0	31.64	1.0240	
19	50.8	32.16	1.0247	54.5	31.91	1.0241		52.8	31.73	1.0242	
20	51.4	32.16	1.0247	53.0	32.09	1.0244		51.0	31.74	1.0243	
21	51.8	32.16	1.0246	52.0	32.01	1.0245		51.6	31.78	1.0243	
22	52.0	32.16	1.0246	52.1	31.98	1.0244		50.9	31.87	1.0244	
23				55.8	31.73	1.0239		51.0	32.00	1.0246	
24	50.6	32.16	1.0247	51.7	32.10	1.0246		50.8	31.98	1.0246	
25	50.6	32.05	1.0246	51.6	32.20	1.0247		51.2	31.94	1.0245	
26	51.2	32.09	1.0246	50.7	32.20	1.0247		51.4	32.00	1.0245	
27	51.7	32.10	1.0246	51.0	32.41	1.0249		50.6	32.01	1.0246	
28	50.8	32.27	1.0248	52.0	32.16	1.0246		50.7	32.00	1.0246	
29	51.5	32.27	1.0247	52.3	31.83	1.0243		53.1	31.91	1.0243	
30	52.8	32.21	1.0245	51.7	31.87	1.0244		53.8	31.53	1.0239	
31	51.0	32.25	1.0247	51.2	31.65	1.0243					
1950 Mean	50.8	32.15	1.0247	52.0	32.07	1.0245		51.7	31.81	1.0243	
1934-50	52.9	31.98	1.0244	54.4	32.06	1.0242		53.4	32.13	1.0244	
1941-50	52.9	31.94	1.0243	54.6	32.07	1.0242		53.3	32.14	1.0244	

Seawater Records from Cape St. James, Queen Charlotte islands

October, 1950

November, 1950

December, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	53.8	31.55	1.0239	49.0	31.80	1.0246	45.7	31.83	1.0249
2	52.0	31.74	1.0243	49.1	31.80	1.0246	45.5	31.80	1.0249
3	51.1	31.78	1.0244						
4	50.2	31.85		48.2	31.98	1.0248			
5									
6	50.6	31.83	1.0245	47.5	32.00	1.0249			
7	48.7	32.23	1.0249	48.0	31.87	1.0247	45.2	31.74	1.0248
8	49.0	32.21	1.0249	47.2	31.80	1.0247			
9	48.3	32.30	1.0250	47.6	31.83	1.0247			
10	48.5	32.30	1.0250	47.9	31.87	1.0247	46.0	32.00	1.0250
11	48.0	32.29	1.0250	47.2	32.07	1.0250			
12	47.8	32.25	1.0250	47.7	32.05	1.0249	45.5	31.82	1.0249
13	48.6	32.14	1.0249	47.2	32.01	1.0249	46.0	31.71	1.0248
14	48.0	32.20	1.0250	46.8	31.96	1.0249	45.6	31.92	1.0250
15	49.0	31.98	1.0247	46.7	31.83	1.0248	44.0	31.98	1.0251
16	49.9	31.85	1.0245	47.0	31.94	1.0249	46.0	31.89	1.0249
17	50.6	31.74	1.0244						
18	51.0	31.58	1.0242	46.2	31.96	1.0249	47.3	32.39	1.0252
19				46.3	31.62	1.0247	45.7	32.39	1.0253
20	50.3	31.62	1.0243	46.5	31.74	1.0247	46.2	30.91	1.0241
21	49.6	31.74	1.0245	46.1	31.96	1.0250	45.1	32.23	1.0252
22	48.5	31.96	1.0247	46.0	31.91	1.0249	46.2	32.36	1.0253
23	48.9	31.87	1.0246	46.8	31.83	1.0248	46.1	32.34	1.0252
24	49.2	32.00	1.0247	46.3	31.82	1.0248	46.2	30.72	1.0240
25	49.7	31.58	1.0243	46.7	31.98	1.0249	47.0	31.38	1.0244
26	49.6	31.69	1.0244	46.7	31.82	1.0248	47.1	32.18	1.0250
27	49.5	31.87	1.0246	46.8	31.65	1.0247	47.2	32.10	1.0250
28	48.8	31.80	1.0246	46.6	31.69	1.0247	47.0	32.18	1.0250
29	49.0	31.76	1.0245	46.2	31.69	1.0247	47.0	32.41	1.0252
30	48.7	31.91	1.0247				46.5	32.20	1.0251
31	48.4	31.80	1.0246				46.2	31.53	1.0246
1950 Mean	49.5	31.91	1.0246	47.1	31.86	1.0248	46.1	31.91	1.0249
1934-50	50.2	32.35	1.0249	47.5	32.34	1.0252	46.4	32.35	1.0252
1941-50	49.9	32.41	1.0250	48.0	32.37	1.0251	46.7	32.37	1.0252

Seawater Records from Langare island, Queen Charlotte islands north

Day of Month	January, 1950			February, 1950			March, 1950		
	Water Temp. °F	Salinity ‰ ..	Density	Water Temp. °F	Salinity ‰ ..	Density	Water Temp. °F	Salinity ‰ ..	Density
1	35.2	32.30	1.0259	39.5	32.81	1.0261	41.3	32.30	1.0256
2	36.7	32.79	1.0262	39.3	32.74	1.0260	40.6	32.20	1.0255
3				39.7	32.81	1.0260	41.0	32.27	1.0255
4	42.8	32.95	1.0260	39.3	32.84	1.0261	41.7	32.23	1.0255
5				39.5	32.83	1.0261	41.0	32.20	1.0255
6									
7	38.8	33.12	1.0264	39.4	32.88	1.0261	41.3	32.41	1.0256
8	37.4	33.06	1.0264	39.3	32.90	1.0261	41.2	32.41	1.0256
9	38.6	33.06	1.0263	39.0	32.90	1.0262	41.5	32.61	1.0258
10				40.1	32.75	1.0260	42.4	32.63	1.0258
11	38.0	33.13	1.0264				40.1	32.50	1.0258
12	37.4	33.13	1.0264				40.3	32.41	1.0257
13	35.6	33.13	1.0265	39.7	32.81	1.0260	40.4	32.52	1.0258
14	38.6	33.22	1.0264	39.7	32.72	1.0260	39.3	32.47	1.0258
15	38.0	31.13	1.0264	39.8	32.74	1.0260	40.8	32.50	1.0257
16	36.0	33.13	1.0265				40.3	32.30	1.0256
17	37.4	32.12	1.0256	40.6	32.77	1.0259	42.0	32.36	1.0256
18	38.6	32.94	1.0262				41.9	32.47	1.0256
19	38.3	33.06	1.0263	41.0	32.61	1.0258	42.2	32.48	1.0256
20	38.3	32.95	1.0262	39.8	32.54	1.0258	42.8	32.48	1.0256
21	38.4	33.04	1.0263				42.6	32.39	1.0255
22	37.7	32.97	1.0263	40.3	32.21	1.0256			
23				41.0	32.54	1.0258	41.9	32.43	1.0256
24	37.7	32.97	1.0263	40.6	32.56	1.0258	42.0	32.47	1.0256
25	38.6	32.94	1.0262	40.6	32.56	1.0258	41.5	32.48	1.0257
26	37.6	32.95	1.0263	41.0	32.59	1.0258	42.0	32.48	1.0257
27	38.4	33.12	1.0264				41.7	32.47	1.0257
28	37.9	32.47	1.0259	40.3	32.59	1.0259	41.7	32.56	1.0257
29	39.4	32.83	1.0261	39.3	32.10	1.0255	41.2	32.56	1.0258
30	38.4	32.88	1.0262	40.6	32.25	1.0256	41.7	32.50	1.0257
31	39.7	32.70	1.0260				43.7	32.43	1.0255
1950 Mean	38.1	32.97	1.0263				41.3	32.43	1.0257
1941-50	43.4	32.25	1.0251	40.0	32.65	1.0259	41.9	32.41	1.0256
				42.8	32.34	1.0255	43.6	32.27	1.0253

Seawater Records from Langaru Island, Queen Charlotte Islands north

April, 1950				May, 1950				June, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1	42.0	32.43	1.0256	45.3	32.41	1.0254	49.1	32.47	1.0251		
2	42.8	32.54	1.0256	46.3	32.41	1.0253	47.3	32.27	1.0251		
3	42.8	32.52	1.0256				48.7	32.57	1.0252		
4	43.2	32.18	1.0253	45.1	32.41	1.0254	47.8	32.32	1.0251		
5	42.8	32.41	1.0255	44.4	32.39	1.0254	48.2	32.45	1.0251		
6	42.8	32.36	1.0255	45.8	32.18	1.0251	47.1	32.39	1.0252		
7	43.4	32.41	1.0255	44.6	32.03	1.0251	49.8	32.47	1.0250		
8	41.3	32.41	1.0257	46.3	32.23	1.0251	48.2	32.50	1.0252		
9	42.4	32.41	1.0256	46.0	32.32	1.0252	48.4	32.34	1.0251		
10				45.6	32.34	1.0253	47.3	32.30	1.0251		
11	44.4	32.41	1.0254	45.5	32.43	1.0254	46.8	32.36	1.0252		
12				44.4	32.45	1.0255	48.9	32.16	1.0249		
13	43.7	32.34	1.0254	46.0	32.29	1.0252	48.2	32.41	1.0251		
14	43.5	32.25	1.0254	45.5	32.41	1.0254	50.2	32.50	1.0250		
15	43.7	32.29	1.0254	45.3	32.36	1.0253	49.6	32.54	1.0251		
16	43.7	32.25	1.0254	46.6	32.49	1.0253					
17	44.1	32.16	1.0252	46.4	32.45	1.0253	50.0	32.74	1.0252		
18				45.1	31.65	1.0248	49.6	32.75	1.0253		
19	45.1	32.34	1.0253	45.5	32.03	1.0251	48.7	32.52	1.0252		
20	43.5	32.12	1.0253	46.0	32.14	1.0251	49.6	32.36	1.0250		
21	44.1	31.56	1.0248	44.9	31.98	1.0250	49.1	32.54	1.0252		
22	44.6	32.27	1.0253	46.9	31.94	1.0249	50.3	32.20	1.0248		
23	44.4	32.25	1.0253				50.0	32.39	1.0249		
24	44.4	32.25	1.0253	46.0	32.05	1.0250	49.8	31.96	1.0246		
25	44.1	32.23	1.0253	46.6	32.25	1.0251	49.1	31.98	1.0247		
26	43.5	32.25	1.0254	46.6	32.35	1.0251	51.5	32.25	1.0247		
27	43.7	32.23	1.0253	46.0	32.10	1.0251	50.9	32.34	1.0248		
28	44.4	32.41	1.0254	44.6	32.21	1.0253	50.9	32.30	1.0248		
29	45.1	32.41	1.0254	47.3	32.41	1.0251	51.5	32.45	1.0249		
30	44.6	32.52	1.0255	46.9	32.45	1.0253	51.8	32.39	1.0248		
31				47.8	32.34	1.0251					
1950 Mean	43.6	32.30	1.0254	45.8	32.25	1.0252	49.3	32.39	1.0250		
1940-50	45.1	32.34	1.0253	47.5	32.36	1.0251	50.1	32.36	1.0249		
1941-50	44.8	32.33	1.0253	47.2	32.37	1.0251	49.9	32.37	1.0249		

Seawater Records from Langara island, Queen Charlotte islands north

July, 1950				August, 1950				September, 1950			
Day of Month	Water Temp. °F	Salinity ‰ ..	Density	Water Temp. °F	Salinity ‰ ..	Density	Water Temp. °F	Salinity ‰ ..	Density		
1	52.0	32.29	1.0239	54.0	32.10	1.0243	55.5	31.53	1.0239		
2	52.0	32.25	1.0239	54.3	32.20	1.0244	55.1	31.65	1.0239		
3	53.6	32.32	1.0246	53.6	32.10	1.0244	55.8	31.47	1.0237		
4	53.6	32.30	1.0245	52.6	31.69	1.0242	55.3	31.44	1.0237		
5	52.9	32.30	1.0246	53.6	31.64	1.0240	55.5	31.64	1.0239		
6	54.9	32.38	1.0244	53.8	31.55	1.0239	55.3	31.65	1.0239		
7	53.4	32.16	1.0244	53.6	31.94	1.0243	55.1	31.76	1.0239		
8	52.6	31.78	1.0242	53.4	31.94	1.0243	55.5	31.47	1.0237		
9	52.3	31.76	1.0242	53.6	32.00	1.0243	56.1	31.58	1.0237		
10	52.6	30.93	1.0236	55.1	32.01	1.0242	56.3	31.80	1.0239		
11	52.0	31.44	1.0241	55.1	32.16	1.0243	53.6	32.01	1.0243		
12	52.1	31.31	1.0239	54.6	32.27	1.0244	51.8	32.20	1.0246		
13	54.1	31.76	1.0241	54.0	32.21	1.0244	51.8	32.21	1.0247		
14	52.9	31.78	1.0242	53.8	32.32	1.0245	50.9	32.21	1.0247		
15	53.4	31.91	1.0243	53.6	32.50	1.0247	50.0	32.52	1.0251		
16	52.3	31.74	1.0242	53.8	32.61	1.0248	51.3	32.41	1.0249		
17	52.6	31.94	1.0244	54.1	32.59	1.0247	50.0	32.48	1.0250		
18	53.6	31.94	1.0242	53.8	32.57	1.0247	51.8	32.48	1.0248		
19	53.6	31.94	1.0242	54.0	32.52	1.0247	53.6	32.20	1.0244		
20	53.8	31.92	1.0242	54.6	32.70	1.0247	53.6	32.20	1.0245		
21	54.5						55.1	31.78	1.0240		
22	53.8			55.5	32.36	1.0244	54.5	32.09	1.0243		
23	53.4	32.03	1.0244	54.0	32.30	1.0245	54.6	32.14	1.0243		
24	53.4	31.96	1.0243	55.9	34.02	1.0256	54.3	32.12	1.0243		
25	53.6	31.96	1.0243	53.8	34.14	1.0259	53.8	32.16	1.0244		
26	54.3	31.73	1.0240	56.8	31.11	1.0233	53.6	32.12	1.0244		
27	54.9	31.76	1.0240	55.6	31.87	1.0240	52.5	31.98	1.0244		
28	54.1	32.10	1.0243	56.3	31.98	1.0240	52.1	32.21	1.0246		
29	54.3	32.18	1.0244	55.8	32.09	1.0241	51.8	32.14	1.0246		
30	54.3	32.36	1.0245	55.6	31.98	1.0241	51.8	31.89	1.0244		
31	53.2	32.20	1.0245	53.6	32.03	1.0243					
1950 Mean	53.4	31.98	1.0243	54.4	32.18	1.0243	53.6	31.98	1.0243		
1940-50	52.6	32.26	1.0246	53.1	32.27	1.0246	52.5	32.26	1.0246		
1941-50	52.5	32.26	1.0246	52.9	32.31	1.0246	52.4	31.26	1.0246		

Seawater Records from Langara Island, Queen Charlotte islands north

October, 1950				November, 1950				December, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1	52.0	31.80	1.0243				42.4	31.89	1.0251		
2	53.1	32.12	1.0245	46.9	31.08	1.0240	42.4	31.91	1.0252		
3	52.0	32.21	1.0246	50.0	30.93	1.0238	42.2	31.89	1.0252		
4	53.2	32.09	1.0243	48.4	31.46	1.0244	41.3	31.94	1.0253		
5	51.8	32.16	1.0246	47.8	31.51	1.0245	44.6	31.85	1.0249		
6	52.0	31.98	1.0244	46.9	31.55	1.0246	43.7	31.62	1.0249		
7	52.6	31.76	1.0242	46.4	31.73	1.0247	43.0	31.83	1.0251		
8	53.6	33.71	1.0256	45.5	32.03	1.0251	44.6	31.80	1.0249		
9	51.8	33.82	1.0259	47.6	31.83	1.0247	44.6	31.83	1.0250		
10	52.6	33.80	1.0258	47.5	31.85	1.0247	43.8	31.87	1.0250		
11	52.0	31.98	1.0244	47.1	31.87	1.0248	44.6	31.91	1.0250		
12	52.0	32.20	1.0246	47.3			45.1	31.85	1.0249		
13	50.3	32.23	1.0248	44.2	32.03	1.0251	44.2	31.82	1.0250		
14	51.8	32.23	1.0247	44.2	31.98	1.0251	44.1	31.85	1.0250		
15	51.5	32.14	1.0246	42.8	32.05	1.0253	44.6	31.74	1.0249		
16	50.2	32.00	1.0246	42.8	32.03	1.0252					
17	50.2	31.74	1.0244	43.0	32.20	1.0254	44.2	31.35	1.0246		
18	49.1	31.82	1.0246	42.4	32.03	1.0253	44.2				
19	46.9	31.80	1.0248	42.4	32.01	1.0253	44.2	31.80	1.0250		
20	49.1	31.67	1.0245	42.2	31.91	1.0252	43.8	31.82	1.0250		
21	49.6	31.15	1.0240	41.9	31.91	1.0252	44.6	31.64	1.0248		
22	50.2	31.73	1.0244	41.7	31.85	1.0252	43.7	31.60	1.0248		
23	47.3	31.82	1.0247	44.6	32.16	1.0252	44.8	31.40	1.0246		
24	49.1	31.83	1.0246	44.9	31.87	1.0249	44.9	31.58	1.0247		
25	48.2	31.94	1.0247	44.6	31.67	1.0248	44.2	31.56	1.0248		
26	47.3	31.98	1.0249	43.8	31.85	1.0250	44.4	31.60	1.0248		
27	48.6	31.92	1.0247	43.5	31.91	1.0251	44.6	31.64	1.0248		
28	48.2	31.87	1.0247	44.2	31.94	1.0251	44.6	31.58	1.0248		
29	46.9	31.96	1.0249	43.7	31.94	1.0251	44.4	31.58	1.0248		
30	47.3	31.69	1.0246	43.2	31.92	1.0251	44.2	31.58	1.0248		
31	48.2	31.82	1.0247				44.6	31.55	1.0247		
1950 Mean	50.3	32.09	1.0247	44.9	31.82	1.0249	44.0	31.72	1.0250		
1940-50	50.8	32.19	1.0247	47.1	32.10	1.0249	44.8	32.10	1.0251		
1941-50	52.5	32.26	1.0246	52.9	32.31	1.0246	52.4	32.26	1.0246		

Seewater Records from Pine island, Queen Charlotte strait

January, 1950				February, 1950				March, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1	44.6	31.60	1.0248	41.5	31.92	1.0252	42.7	31.55	1.0249		
2	44.6	31.62	1.0248	42.0	31.92	1.0252	43.0	31.44	1.0248		
3	44.6	31.60	1.0248	42.0	32.18	1.0254	43.0	31.06	1.0245		
4	44.6	31.85	1.0250	42.5	31.91	1.0252	42.5	31.13	1.0245		
5	44.6	31.60	1.0248	42.0	30.43	1.0241	43.7	31.26	1.0246		
6	44.6	31.74	1.0249	42.0	31.69	1.0250	43.7	31.38	1.0248		
7	44.6	31.76	1.0249	42.0	31.33	1.0251	43.8	31.42	1.0247		
8	44.2	31.89	1.0250	42.0	31.94	1.0252	43.2	31.44	1.0248		
9	44.1	31.85	1.0250	42.5	31.87	1.0251	43.2	31.46	1.0248		
10	44.2	31.83	1.0250	42.5	31.82	1.0251	43.5	31.46	1.0248		
11	43.7	31.73	1.0250	42.5	18.19	1.0144	42.0	31.49	1.0249		
12	43.7	31.91	1.0251	42.5	31.74	1.0250	42.5	31.47	1.0248		
13	44.1	31.76	1.0249	42.6	31.69	1.0250	42.5	31.49	1.0248		
14	43.4	31.76	1.0250	42.5	31.71	1.0250	42.8	31.47	1.0248		
15	43.5	31.74	1.0250	42.6	31.51	1.0249	43.0	31.24	1.0246		
16	43.5	31.74	1.0250	42.5	31.67	1.0250	43.4	31.75	1.0247		
17	43.0	31.94	1.0252	42.5	31.22	1.0246	44.0	31.17	1.0245		
18	42.8	31.92	1.0252	42.4	30.53	1.0241	43.6	31.29	1.0246		
19	43.5	32.03	1.0252	42.5	31.64	1.0250	43.8	31.27	1.0246		
20	43.5	32.03	1.0252	42.7	31.65	1.0250	43.8	31.15	1.0245		
21	43.0	31.91	1.0251	42.5	11.08	1.0088	43.4	31.26	1.0246		
22	43.0	31.91	1.0251	43.0	31.74	1.0250	43.0	31.31	1.0247		
23	42.5	32.03	1.0253	43.0	31.47	1.0248	43.2	31.26	1.0246		
24	42.5	31.92	1.0252	43.0	31.51	1.0248	43.8	31.35	1.0247		
25	42.5	32.05	1.0253	43.0	31.49	1.0248	44.0	31.29	1.0246		
26	42.0	32.01	1.0253	43.0	31.49	1.0248	44.0	31.09	1.0244		
27	42.0	31.83	1.0251	43.0	31.55	1.0249	43.6	31.13	1.0245		
28	42.0	31.78	1.0251	42.7	31.58	1.0249	43.0	31.00	1.0244		
29	41.5	31.87	1.0251				43.0	31.18	1.0246		
30	41.5	31.91	1.0252				42.7	31.06	1.0245		
31	41.5	31.92	1.0252				43.0	31.18	1.0246		
1950 Mean	43.3	31.84	1.0251	42.5	30.39	1.0240	43.3	31.29	1.0246		
1937-50	45.5	31.61	1.0247	44.9	31.48	1.0247	45.3	31.64	1.0248		
1941-50	45.4	31.65	1.0248	44.9	31.31	1.0246	45.2	31.62	1.0248		

Seawater Records from Pine island, Queen Charlotte strait

Day of Month	April, 1950			May, 1950			June, 1950		
	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	43.2	31.26	1.0246	44.8	31.46	1.0247	46.0	31.74	1.0248
2	44.0	31.26	1.0246	45.0	31.36	1.0246	46.8	31.69	1.0247
3	43.3	31.40	1.0247	45.0	31.40	1.0246	47.5	31.36	1.0244
4	43.8	31.49	1.0247	44.7	31.55	1.0247	47.8	31.78	1.0247
5	43.6	31.29	1.0246	44.3	31.78	1.0249	46.2	31.73	1.0248
6	43.8	31.47	1.0247	44.6	31.53	1.0247	45.8	31.92	1.0250
7	44.8	31.47	1.0247	45.2	31.49	1.0247	45.8	31.91	1.0249
8	44.0	31.30	1.0247	45.0	31.60	1.0248	47.0	31.82	1.0248
9	43.3	31.47	1.0248	45.0	31.56	1.0247	46.8	31.64	1.0247
10	44.0	31.35	1.0246	45.0	31.40	1.0246	47.2	31.64	1.0246
11	43.8	30.82	1.0242	45.2	31.29	1.0245	46.8	31.74	1.0247
12	43.5	31.22	1.0246	45.2	31.36	1.0246	47.3	31.56	1.0245
13	44.0	31.33	1.0246	45.0	31.56	1.0247	47.5	31.73	1.0247
14	44.6	30.91	1.0242	45.2	31.80	1.0249	47.8	31.80	1.0247
15	44.4	31.18	1.0245	46.0	31.71	1.0248	47.5	31.80	1.0247
16	44.4	31.00	1.0243	45.2	31.71	1.0248	48.0	31.21	1.0243
17	44.5	31.13	1.0244	45.0	31.36	1.0246	48.7	31.71	1.0246
18	44.9	31.17	1.0244	44.8	31.38	1.0246	47.5	31.98	1.0249
19	45.0	31.24	1.0245	45.0	31.56	1.0247	48.8	31.56	1.0244
20	44.2	31.35	1.0246	44.8	31.04	1.0243	47.5	31.74	1.0246
21	44.0	31.31	1.0246	45.0	31.40	1.0246	46.5	31.40	1.0245
22	44.2	31.20	1.0245	45.0	31.62	1.0248	46.0	31.91	1.0249
23	44.8	31.26	1.0245	44.8	31.56	1.0247	47.0	31.56	1.0246
24	44.0	31.22	1.0245	45.2	31.46	1.0246	48.5	31.49	1.0244
25	44.0	31.29	1.0246	45.5	31.29	1.0245	48.8	31.33	1.0242
26	44.0	31.20	1.0245	45.8	31.24	1.0244	49.2	30.95	1.0239
27	44.0	31.27	1.0246	45.0	31.47	1.0247	49.0	30.73	1.0238
28	44.2	31.24	1.0245	45.3	31.24	1.0245	49.1	32.45	1.0251
29	44.5	31.40	1.0246	45.1	31.83	1.0249	48.2	31.35	1.0243
30	44.4	31.26	1.0245	46.0	31.91	1.0249	48.5	31.40	1.0243
31				46.2	31.60	1.0247			
1950 Mean	44.1	31.26	1.0246	45.1	31.50	1.0247	47.5	31.63	1.0246
1937-50	46.1	31.68	1.0249	47.5	31.81	1.0247	49.9	31.90	1.0247
1941-50	46.3	31.71	1.0248	47.7	31.80	1.0247	49.1	31.98	1.0246

Seawater Records from Pine Island, Queen Charlotte strait

July, 1950				August, 1950				September, 1950			
Day of Month	Water Temp. °F	Salinity ‰ ..	Density	Water Temp. °F	Salinity ‰ ..	Density	Water Temp. °F	Salinity ‰ ..	Density		
1	49.2	31.69	1.0245	48.8	31.89	1.0247	49.8	31.67	1.0244		
2	50.0	31.51	1.0243	48.5	31.92	1.0247	50.5	31.98	1.0246		
3	50.2	31.98	1.0246	48.3	32.05	1.0248	49.2	31.94	1.0247		
4	51.4	31.56	1.0242	48.0	31.76	1.0246	48.5	31.76	1.0246		
5	48.7	31.60	1.0245	48.0	31.55	1.0245	50.0	31.80	1.0245		
6	47.5	31.74	1.0247	48.8	31.46	1.0244	49.2	31.62	1.0244		
7	48.8	31.44	1.0243	49.0	31.40	1.0243	48.5	31.51	1.0244		
8	48.8	31.08	1.0240	50.0	31.38	1.0242	51.0	31.33	1.0241		
9	49.0	30.99	1.0239	50.8	31.00	1.0238	49.0	31.46	1.0243		
10	48.8	31.22	1.0242	51.0	31.36	1.0241	49.8	31.38	1.0242		
11	48.8	31.08	1.0240	50.2	31.09	1.0239	48.5	31.47	1.0244		
12	50.2	30.17	1.0232	51.1	30.93	1.0237	48.0	31.82	1.0247		
13	50.8	31.26	1.0240	50.8			48.0	32.07	1.0249		
14	47.5	31.64	1.0246	49.7	31.17	1.0240	48.5	32.18	1.0249		
15	48.8	31.74	1.0246	47.9	31.62	1.0246	48.6	32.21	1.0250		
16	49.8	31.67	1.0244	48.5	31.80	1.0246	48.0	32.12	1.0249		
17	51.0	31.56	1.0242	49.0	31.87	1.0246	48.0	32.09	1.0249		
18	51.6	32.50	1.0249	49.2	31.87	1.0246	48.1	32.01	1.0248		
19	46.0	31.89	1.0249	48.5	32.00	1.0248	48.0	32.05	1.0249		
20	47.2	31.91	1.0248	49.5			48.2	32.03	1.0248		
21	50.0	31.51	1.0243	49.2	31.82	1.0246	47.8	32.01	1.0249		
22	48.8	31.44	1.0243	49.2			49.8	31.96	1.0246		
23	50.5	31.06	1.0239	49.5	31.55	1.0243	49.4	31.85	1.0246		
24	49.8	31.08	1.0239	49.5	31.44	1.0243	49.9	31.83	1.0245		
25	51.2	30.93	1.0237	49.6	31.53	1.0243	50.2	31.46	1.0242		
26	51.2	31.15	1.0239	49.0	31.82	1.0246	50.2	31.71	1.0244		
27	49.8	31.20	1.0241	47.5	31.98	1.0249	50.0	31.94	1.0246		
28	49.2	31.55	1.0244	48.0	31.96	1.0248	50.0	31.91	1.0246		
29	49.2	31.51	1.0244	48.5	31.96	1.0247	49.0	32.00	1.0247		
30	49.8	31.71	1.0245	48.2	30.50	1.0237	49.8	31.98	1.0247		
31	50.0	31.74	1.0244	48.0	31.47	1.0244					
1950 Mean	49.5	31.46	1.0243	49.1	31.58	1.0244	49.1	31.84	1.0246		
1937-50	49.9	31.85	1.0245	49.9	31.86	1.0245	49.4	31.96	1.0247		
1941-50	50.1	31.81	1.0245	50.1	31.83	1.0245	49.5	32.04	1.0247		

Seawater Records from Pine Island, Queen Charlotte Strait

October, 1950

November, 1950

December, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	48.2	31.94	1.0248	50.5	31.60	1.0243	46.4	31.27	1.0244
2	48.0	32.01	1.0248	49.8	31.58	1.0243	46.0	31.13	1.0243
3	48.5	31.74	1.0246	49.5	31.58	1.0244	45.0	30.95	1.0242
4	47.8	31.53	1.0245	50.0	31.40	1.0242	45.0	30.93	1.0242
5	47.5	31.62	1.0246	49.8	31.46	1.0243	50.0	30.97	1.0238
6	47.5	31.65	1.0246	49.6	31.55	1.0243	45.5	32.27	1.0252
7	47.9	31.58	1.0245	48.8	31.55	1.0244	45.5	30.86	1.0241
8	50.8	31.91	1.0245	48.0	31.55	1.0245	45.8	31.02	1.0242
9	50.6	31.65	1.0243	47.5	31.55	1.0245	46.0	31.00	1.0242
10	50.5	31.83	1.0245	47.0	31.56	1.0246	46.2	30.93	1.0242
11	50.0	31.64	1.0244	47.3	31.44	1.0245	47.2	30.90	1.0240
12	49.0	31.71	1.0245	47.0	31.64	1.0246	46.8	30.97	1.0241
13	48.5	31.73	1.0246	47.2	31.58	1.0246	47.2	31.04	1.0242
14	48.6	31.62	1.0245	46.2	31.58	1.0247	47.5	31.18	1.0242
15	49.1	31.71	1.0245	46.0	31.02	1.0242	47.6	31.09	1.0242
16	48.5	31.78	1.0246	45.8	30.95	1.0242	46.5	31.06	1.0242
17	48.8	31.80	1.0246	45.9	30.82	1.0241	46.5	30.95	1.0241
18	47.8	31.89	1.0248	45.0	31.04	1.0243	46.3	31.00	1.0242
19	47.5	31.83	1.0248	45.0	31.02	1.0243	47.4	31.02	1.0241
20	47.5	31.83	1.0248	45.8	30.99	1.0242	47.2	30.99	1.0241
21	47.0	31.96	1.0249	46.5	31.04	1.0242	47.0	30.61	1.0238
22	47.5	31.91	1.0248	46.5	31.26	1.0244	47.0	30.68	1.0239
23	47.2	31.83	1.0248	46.0	31.31	1.0245	48.5	30.59	1.0237
24	47.0	31.80	1.0247	46.5	31.20	1.0243	47.8	30.62	1.0238
25	47.2	31.78	1.0247	47.4	31.22	1.0243	47.0	30.62	1.0238
26	48.0	31.89	1.0247	48.0	31.02	1.0241	47.3	30.70	1.0239
27	48.0	31.82	1.0247	47.2	31.08	1.0242	47.4	30.79	1.0239
28	48.3	31.80	1.0246	47.2	31.06	1.0242	46.5	30.68	1.0239
29	49.0	31.56	1.0244	47.0	30.72	1.0239	46.3	30.62	1.0239
30	50.0	31.51	1.0243	47.2	31.13	1.0242	46.2	30.66	1.0239
31	50.1	31.56	1.0243				46.0	30.66	1.0239
1950 Mean	48.4	31.76	1.0246	47.4	31.28	1.0243	46.7	30.92	1.0241
1937-50	49.1	32.07	1.0248	47.8	31.53	1.0244	46.7	31.42	1.0244
1941-50	49.3	32.04	1.0247	47.9	31.83	1.0247	46.3	31.59	1.0247

Seawater Records from Ivory Island, Prince Rupert

January, 1950				February, 1950				March, 1950			
Day of Month	Water Temp. °F	Salinity ‰ ..	Density	Water Temp. °F	Salinity ‰ ..	Density	Water Temp. °F	Salinity ‰ ..	Density		
1	41.0	30.32	1.0240	39.5	32.03	1.0255	40.7	30.32	1.0240		
2	40.8	30.52	1.0242				40.0	30.26	1.0240		
3	41.0	30.66	1.0243				41.5	30.28	1.0239		
4	41.5	30.97	1.0245				41.8	31.65	1.0250		
5	42.0	31.02	1.0245				41.9	31.27	1.0248		
6	41.5	31.04	1.0246	39.0	31.80	1.0253	41.5	28.17	1.0223		
7	41.5	31.00	1.0245	38.9	31.71	1.0252	41.8	29.02	1.0230		
8	41.7	30.93	1.0245	39.7	31.87	1.0253					
9	41.5	30.99	1.0245	39.8	31.89	1.0253	40.5	30.23	1.0240		
10	40.5	30.99	1.0246								
11	42.0	31.27	1.0247	40.2	31.96	1.0254	40.3	30.77	1.0243		
12				40.4	31.89	1.0253	39.7	30.77	1.0244		
13	41.3	31.44	1.0249	40.6	31.94	1.0253	39.6	32.48	1.0258		
14	40.3	31.42	1.0250	41.2	31.87	1.0252	40.1	30.72	1.0260		
15	41.4	31.64	1.0250	40.2	31.36	1.0249	40.1	30.46	1.0242		
16	41.0	31.64	1.0251	39.8	30.84	1.0245	41.0	30.82	1.0244		
17	41.4	31.73	1.0251	39.9	31.02	1.0247	40.5	30.44	1.0242		
18	41.1	31.73	1.0251	40.8	31.35	1.0249	41.5	30.86	1.0244		
19	41.2	31.58	1.0250	41.1	31.76	1.0251	41.5	30.85	1.0245		
20	41.0	31.29	1.0248	41.2	31.30	1.0252	41.0	30.90	1.0245		
21	41.3	31.80	1.0252	40.8	31.38	1.0249	41.4	30.19	1.0239		
22	42.0	31.91	1.0252	41.2	31.55	1.0250	40.5	29.72	1.0236		
23	41.0	31.91	1.0253	40.7	30.82	1.0245	41.2	30.72	1.0243		
24	41.0	31.92	1.0253	40.3	29.90	1.0237	41.5	30.44	1.0241		
25				40.6	30.53	1.0242	41.4	29.60	1.0234		
26	41.0	31.92	1.0253	39.5	27.22	1.0217	41.5	30.41	1.0241		
27	41.0	31.92	1.0253	39.3	28.08	1.0223	41.2	29.40	1.0233		
28	40.0	31.96	1.0254	39.0	25.52	1.0203	42.0	31.09	1.0246		
29	40.2	31.94	1.0253				40.8	29.85	1.0237		
30	39.5	32.10	1.0255				41.0	29.79	1.0236		
31							41.0	28.68	1.0227		
1950 Mean	41.1	31.41	1.0249	40.2	30.87	1.0245	41.0	30.35	1.0240		
1930-50	44.0	29.42	1.0230	43.2	29.97	1.0236	44.4	30.00	1.0235		
1941-50	43.5	29.75	1.0234	43.1	29.98	1.0237	44.1	30.18	1.0237		

Seawater Records from Ivory Island, Prince Rupert

April, 1950				May, 1950				June, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		Water Temp.	Salinity	Density	
1	42.0	30.75	1.0243	46.1	28.35	1.0221		50.9	25.97	1.0199	
2	42.5	30.82	1.0243	44.9	30.23	1.0237					
3	42.6	30.28	1.0239	45.6	29.85	1.0234		49.9	25.17	1.0193	
4	42.0	30.28	1.0239	45.8	30.12	1.0236		49.0	27.95	1.0216	
5				45.9	30.35	1.0237		49.0	28.62	1.0221	
6	42.2	31.49	1.0248	45.2	30.25	1.0238		51.6	27.94	1.0214	
7	42.2	30.53	1.0241	47.1	29.61	1.0230		51.6	21.51	1.0164	
8	42.0	29.88	1.0235	46.5	30.21	1.0236		51.5	25.52	1.0195	
9	42.4	29.90	1.0236	46.6	29.79	1.0232		49.7	28.71	1.0222	
10	42.3	30.30	1.0239	47.8	29.64	1.0222		52.2	26.96	1.0205	
11	42.3	29.58	1.0234	48.6	25.03	1.0193		52.9	25.76	1.0203	
12	42.6	30.35	1.0239	46.5	29.90	1.0233		54.8	27.34	1.0206	
13	42.9	30.77	1.0242	47.5	29.60	1.0230		53.5	27.61	1.0209	
14	42.7	30.93	1.0244	47.0	30.21	1.0235		55.8	27.09	1.0203	
15	43.4	30.93	1.0243	48.0	30.10	1.0234		57.7	25.93	1.0194	
16	42.0	30.32	1.0240	48.3	29.83	1.0231		53.8	28.51	1.0214	
17	43.0	29.56	1.0233	48.5	30.03	1.0233		58.0	25.59	1.0189	
18	43.2	27.86	1.0219					55.6	27.72	1.0208	
19	43.8	27.83	1.0219	46.5	29.83	1.0233		57.5	24.34	1.0180	
20	44.5	29.90	1.0235	48.3	31.27	1.0244		54.2	28.35	1.0214	
21	43.0	29.76	1.0235	46.9	28.37	1.0221					
22	43.0	30.05	1.0237	47.6	29.79	1.0231					
23	44.4	28.19	1.0221	47.9	28.66	1.0222		55.3	27.81	1.0209	
24	43.3	28.95	1.0228	48.0	28.06	1.0217		57.0	23.39	1.0173	
25	43.7	29.82	1.0235	47.8	26.83	1.0203		56.3	22.07	1.0163	
26	44.8	28.62	1.0224	48.0	27.09	1.0210		57.4	20.44	1.0150	
27	44.0	26.62	1.0209	48.0	28.48	1.0221		57.2	20.07	1.0147	
28	45.9	26.56	1.0207	48.0	28.71	1.0223		58.0	18.77	1.0136	
29	45.6	28.40	1.0222	46.3	30.95	1.0242		56.9	22.79	1.0168	
30				48.0	26.98	1.0209		56.7	26.38	1.0196	
31				48.9	19.22	1.0148					
1950 Mean	43.2	29.62	1.0234	47.1	28.88	1.0226		54.2	25.52	1.0193	
1938-50	46.9	29.27	1.0228	51.3	28.82	1.0221		53.5	27.73	1.0209	
1941-50	46.4	29.46	1.0230	50.8	28.96	1.0222		55.2	27.78	1.0209	

Seawater Records from Ivory Island, Prince Rupert

Day of Month	July, 1950			August, 1950			September, 1950		
	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	57.2	27.12	1.0202	57.5	26.98	1.0200	57.8	28.62	1.0212
2	57.6	26.60	1.0197	57.0	29.29	1.0218	60.1	23.50	1.0171
3	55.3	28.33	1.0213	56.0	28.42	1.0213	57.8	28.51	1.0211
4	55.5	28.68	1.0215	57.6	24.11	1.0178	57.4	27.99	1.0208
5	54.5	27.94	1.0210	56.0	25.17	1.0188	57.3	27.65	1.0206
6	56.1	26.74	1.0200	56.5	27.97	1.0209	57.4	28.91	1.0215
7	56.4	25.23	1.0188	57.8	23.64	1.0174	56.7	24.09	1.0179
8	58.0	21.56	1.0158	59.9	20.55	1.0148	57.9		
9	57.3	21.46	1.0158				58.0	21.91	1.0161
10	57.6	20.99	1.0154	58.0	22.97	1.0169	58.4	26.91	1.0199
11	57.5	23.78	1.0176	57.0	27.48	1.0204	58.0	26.83	1.0199
12	57.0	22.54	1.0166	58.0	25.35	1.0187	58.0	24.94	1.0184
13	58.5	21.76	1.0159	58.9	26.56	1.0197	58.0	24.94	1.0184
14				57.9	27.34	1.0202	57.4	26.02	1.0193
15	59.0	28.01	1.0215	59.8	26.33	1.0193	56.5	28.86	1.0216
16	59.0	27.47	1.0202	61.2	25.93	1.0188	57.3	28.01	1.0208
17	58.2	27.05	1.0200	61.2	25.35	1.0183	55.6	29.13	1.0219
18	57.3	25.75	1.0191	61.3	27.77	1.0201	55.5	28.91	1.0217
19	57.5	27.83	1.0207	60.8	25.81	1.0187	55.8	28.01	1.0210
20	56.4	27.94	1.0209	60.6	28.30	1.0207			
21	58.3	27.47	1.0203	59.4	30.62	1.0226	56.8	29.10	1.0209
22	55.8	28.51	1.0214	59.3	27.66	1.0203	57.8	28.20	1.0194
23	57.2	27.50	1.0209	58.8	27.65	1.0204	56.4	29.04	1.0217
24	57.6	25.68	1.0190	59.8	26.36	1.0193	56.2	30.08	1.0225
25	59.9	23.39	1.0170	59.4	26.83	1.0197	56.2	21.31	1.0158
26	58.0	27.14	1.0201	58.6	27.95	1.0206	56.5	21.29	1.0157
27				59.2	29.65	1.0219			
28	60.9	23.12	1.0167	58.1	28.37	1.0210			
29	55.0	26.04	1.0196	58.4	28.68	1.0212			
30	58.0	26.83	1.0198	58.5	28.13	1.0208			
31	58.0	27.65	1.0205	57.8	25.82	1.0191			
1950 Mean	57.4	25.87	1.0192	58.6	26.77	1.0197	57.2	26.66	1.0198
1937-50	58.0	26.72	1.0198	58.4	26.63	1.0196	56.2	27.41	1.0215
1941-50	57.9	26.60	1.0197	58.2	26.83	1.0198	56.1	27.48	1.0206

Seawater Records from Ivory Island, Prince Rupert

October, 1950

November, 1951

December, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	56.0	24.96	1.0186	47.6	28.86	1.0224	43.1	29.13	1.0230
2	54.8	24.02	1.0241	47.6	26.35	1.0205	43.1	29.27	1.0231
3	52.8	25.07	1.0190	43.3	28.10	1.0218	43.3	29.27	1.0230
4	53.2	24.98	1.0189	48.8	28.55	1.0221	44.0	29.58	1.0233
5	53.0	26.08	1.0198	47.8	28.39	1.0220	44.4	29.58	1.0232
6	52.2	27.07	1.0206	47.9	28.46	1.0221	44.5	30.08	1.0236
7	52.9	29.72	1.0226	47.3	27.39	1.0213	44.7	30.08	1.0236
8	53.0	30.01	1.0228	46.2	23.13	1.0180	44.9	29.99	1.0235
9	52.5	27.14	1.0207	46.3	24.76	1.0193	44.8	29.67	1.0233
10	52.5	27.81	1.0212	47.0	25.46	1.0198	45.3	29.18	1.0228
11	52.8	29.96	1.0222	46.9	25.26	1.0197	45.0	29.60	1.0232
12	52.4	28.08	1.0214	46.9	28.66	1.0223	45.0	29.31	1.0231
13	52.2	29.21	1.0215	47.0	29.69	1.0223	45.0	29.90	1.0234
14	51.8	24.09	1.0183	45.1	27.48	1.0215	45.0	29.35	1.0227
15	51.3	23.71	1.0181	45.4	27.81	1.0218	44.9	28.96	1.0227
16	51.8	24.74	1.0188	45.5	28.28	1.0221	44.5	28.64	1.0225
17	51.5	27.14	1.0207	45.0	28.30	1.0225	44.5	28.82	1.0226
18	51.5	27.72	1.0212	44.5	29.78	1.0226	44.7	28.84	1.0226
19	50.4	27.09	1.0208	44.6	29.04	1.0228	44.7	29.18	1.0229
20	49.6	25.39	1.0195	44.9	29.14	1.0229	45.2	28.95	1.0227
21	49.8	28.44	1.0219	44.4	29.69	1.0233	45.6	29.56	1.0231
22	50.2	28.66	1.0220	44.3	29.78	1.0234	45.1	30.14	1.0236
23	49.3	27.27	1.0210				45.1	29.56	1.0232
24	49.0	27.12	1.0210				45.5	29.54	1.0231
25	48.9	27.94	1.0216	45.2	29.67	1.0232	45.2	29.22	1.0228
26	48.4	27.38	1.0212	45.0	28.12	1.0220	45.0	29.22	1.0228
27	48.3	27.05	1.0210	44.8	27.79	1.0218	44.6	30.64	1.0240
28	48.8	29.33	1.0227	44.9	28.10	1.0220	44.5	30.26	1.0237
29	48.6	28.39	1.0220	44.8	28.69	1.0225	45.5	30.19	1.0236
30	48.3	28.40	1.0220	43.2	28.42	1.0224	45.3	30.53	1.0239
31	48.0	27.57	1.0214						
1950 Means	51.2	27.11	1.0207	46.0	27.91	1.0218	44.7	29.55	1.0232
1937-50	52.0	27.51	1.0209	47.6	27.97	1.0217	45.1	28.74	1.0224
1941-50	51.6	27.29	1.0208	47.4	28.27	1.0219	44.7	29.00	1.0228

Seawater Records from Triple island, Brown passage

January, 1950

February, 1950

March, 1950

Day of Month	Water Temp. °F	Salinity °/..	Density	Water Temp. °F	Salinity °/..	Density	Water Temp. °F	Salinity °/..	Density
1	39.5	31.73	1.0252	39.4	32.20	1.0256	41.5	32.34	1.0256
2	40.4	31.49	1.0250	39.7	32.18	1.0255			
3	41.7	31.76	1.0251				41.5	32.38	1.0256
4	42.2	31.73	1.0251	39.8	32.29	1.0256	41.7	32.38	1.0256
5	43.2	31.83	1.0251	39.8	32.21	1.0256	41.7	32.36	1.0256
6	42.2	31.78	1.0251	39.5	32.16	1.0256	41.9	32.48	1.0257
7	42.0	31.83	1.0251	40.1	32.45	1.0258	41.9	32.34	1.0256
8	41.3	31.78	1.0251	39.8	32.20	1.0256	40.8	32.36	1.0256
9	41.3	31.92	1.0253				40.6	32.39	1.0256
10				40.4	32.30	1.0256	40.1	32.32	1.0257
11				40.6	32.34	1.0256	40.4	32.32	1.0256
12	37.9	31.83	1.0254	40.6	32.27	1.0255	40.6	32.27	1.0256
13	38.6	31.82	1.0253				40.6	32.25	1.0256
14	38.8	31.78	1.0253	40.6	32.27	1.0256	41.5	32.29	1.0255
15	39.8	31.89	1.0253	40.8	32.50	1.0257	41.0	32.20	1.0255
16	39.3	31.92	1.0254	40.3	32.10	1.0255	41.9	32.36	1.0255
17	40.4	31.89	1.0253	40.6	32.27	1.0256	42.2	32.30	1.0255
18	40.1	31.92	1.0253	40.4	32.23	1.0256	41.9	32.27	1.0255
19				40.8	32.30	1.0255	41.9	32.32	1.0255
20	39.5	32.03	1.0255	40.8	32.10	1.0254	41.5	32.29	1.0255
21	39.3	31.89	1.0253	40.8	32.30	1.0256	41.7	32.32	1.0255
22	39.0	31.94	1.0254	40.8	32.30	1.0256	42.4	32.36	1.0255
23	36.2	31.96	1.0256	41.0	32.30	1.0255	42.2	32.32	1.0255
24	37.7	31.92	1.0255	41.0	32.34	1.0255	43.0	32.41	1.0255
25	36.0	31.96	1.0256	41.3	32.32	1.0255	41.9	32.32	1.0255
26	36.7	31.94	1.0255	41.5	32.30	1.0255	42.4	32.21	1.0254
27	36.7	32.01	1.0256	41.2	32.41	1.0258	41.9	32.34	1.0256
28	37.9	32.09	1.0256	41.0	32.30	1.0256	42.6	32.38	1.0255
29							42.2	32.32	1.0255
30	38.8	32.18	1.0254				42.4	32.29	1.0255
31	39.4	32.12	1.0255						
1950 Mean	39.5	31.89	1.0253	40.5	32.28	1.0256	41.6	32.33	1.0256
1940-50	44.6	31.76	1.0248	43.8	31.82	1.0250	44.0	31.83	1.0250
1941-50	44.3	31.80	1.0250	43.5	31.85	1.0251	43.6	31.84	1.0250

Seawater Records from Triple Island, Brown passage

April, 1950

May, 1950

June, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	42.4	32.23	1.0254	44.8	31.91	1.0250	46.9	31.76	1.0247
2	43.2	32.29	1.0254	45.1	31.85	1.0249	46.8	31.80	1.0248
3	42.6	32.27	1.0254	44.8	31.87	1.0250	46.6	31.78	1.0248
4				44.2	31.89	1.0250	47.6	31.64	1.0246
5	43.0	32.30	1.0254	44.4	31.78	1.0249	49.3	23.57	1.0220
6	43.0	32.27	1.0254	44.9	31.82	1.0249	48.9	27.52	1.0213
7	42.8	32.27	1.0254	45.8	31.83	1.0249	50.0	27.88	1.0214
8	42.6	32.36	1.0255	44.9	31.83	1.0249	48.0	31.08	1.0241
9	42.0	32.20	1.0254	44.9	32.34	1.0253	47.8	31.13	1.0242
10	42.4	32.23	1.0254	45.1	31.82	1.0249	49.6	24.78	1.0190
11				45.1	31.87	1.0250	51.5	24.11	1.0184
12	42.6	32.32	1.0255	44.9	31.98	1.0251	52.9	25.57	1.0194
13	43.8	32.32	1.0254	44.8	31.82	1.0249	51.6	27.66	1.0211
14	43.0	32.32	1.0255	45.3	32.63	1.0255	51.6	28.31	1.0216
15	44.1	32.30	1.0254	46.4	31.17	1.0243	53.4	26.46	1.0200
16	44.1	32.34	1.0254	45.5	31.65	1.0248	54.0	24.74	1.0156
17	44.1	32.16	1.0253	45.3	31.82	1.0249	55.1	22.94	1.0171
18	43.4	32.29	1.0254				52.6	29.13	1.0222
19				44.9	31.74	1.0249	54.0	26.20	1.0198
20	43.4	32.21	1.0254	45.6	31.67	1.0248	53.1	30.43	1.0232
21	42.8	32.23	1.0254	45.1	31.36	1.0246	51.5	29.07	1.0223
22	43.5	32.21	1.0253	44.9	31.89	1.0248	52.3	30.39	1.0232
23	44.2	32.23	1.0253	46.8	31.62	1.0242	53.2	25.81	1.0196
24	44.6	32.16	1.0252	45.6	31.64	1.0247	51.8	23.91	1.0182
25	43.7	32.09	1.0252	46.0	31.58	1.0247	52.5	29.90	1.0226
26	43.8	32.12	1.0252	47.5	31.58	1.0246	54.0	21.42	1.0161
27	44.2	32.03	1.0252	47.1	31.64	1.0246	54.6	22.57	1.0169
28	44.4	32.14	1.0252				53.2	28.17	1.0214
29	44.4	32.27	1.0253	46.6	31.51	1.0246	53.2	30.90	1.0235
30	44.2	32.14	1.0252	47.3	31.62	1.0246	52.9	31.24	1.0238
31				46.4	31.69	1.0247			
1950 Mean	43.4	32.23	1.0254	45.5	31.77	1.0248	51.3	27.90	1.0214
1940-50	45.1	31.72	1.0249	48.1	30.85	1.0239	52.1	29.02	1.0221
1941-50	44.8	31.85	1.0250	47.8	30.92	1.0240	51.9	29.14	1.0222

Seawater Records from Triple island, Brown passage

July, 1950				August, 1950				September, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1	53.4	31.51	1.0240	53.4	31.36	1.0238	53.6	31.60	1.0240		
2	53.2	31.49	1.0239	53.2	30.93	1.0235	53.2	30.59	1.0233		
3	54.0	31.09	1.0235	54.5	29.58	1.0223	54.0	31.40	1.0238		
4	55.3	29.92	1.0225				53.6	31.47	1.0239		
5	53.6	31.33	1.0238	52.3	30.61	1.0234	53.6	31.60	1.0240		
6	54.0	31.33	1.0237	53.2	29.70	1.0226	54.0	31.55	1.0239		
7	53.6	29.56	1.0224	53.4	30.26	1.0230	54.1	31.20	1.0236		
8	54.0	28.35	1.0199	54.0	28.24	1.0213	54.5	24.23	1.0183		
9	54.9	29.52	1.0223	55.5	22.97	1.0171	54.3	27.09	1.0204		
10	55.6	24.88	1.0186	55.9	26.69	1.0200	54.9	29.69	1.0224		
11	55.3	29.87	1.0225	55.5	26.80	1.0201	53.8	29.56	1.0224		
12	53.6	31.09	1.0236	55.3	26.71	1.0200					
13	54.5	31.13	1.0235	55.3	27.54	1.0207	53.4	31.36	1.0238		
14				55.1	29.11	1.0219	53.2	31.08	1.0236		
15	55.1	28.59	1.0215	55.3	29.87	1.0225	54.9	29.51	1.0215		
16	55.1	29.78	1.0224	56.6	31.02	1.0232	54.9	26.44	1.0199		
17	53.6	30.93	1.0235	56.1	31.31	1.0235	54.1	28.15	1.0213		
18	53.6	31.13	1.0236	54.9	31.18	1.0235	53.2	30.41	1.0231		
19	53.4	31.38	1.0238	55.1	30.88	1.0233					
20	53.8	31.00	1.0235	56.8	29.42	1.0220	53.2	31.35	1.0238		
21	52.3	31.40	1.0240	58.6	29.18	1.0216	53.8	31.53	1.0239		
22	54.5	30.37	1.0229	57.2	28.69	1.0214	53.6	31.51	1.0239		
23	54.0	31.04	1.0235	55.8	30.26	1.0227	53.6	31.53	1.0240		
24	53.6	30.01	1.0228	55.5	31.02	1.0233	54.0	31.49	1.0239		
25	54.0	31.49	1.0238				53.2	31.46	1.0239		
26	55.1	31.44	1.0237				53.4	31.55	1.0240		
27	54.5	31.51	1.0238	54.5	31.73	1.0240	53.2	31.65	1.0241		
28	55.8	29.02	1.0218	53.8	31.78	1.0241	53.4	31.65	1.0241		
29	54.6	31.36	1.0237	54.0	31.82	1.0241	53.2	31.06	1.0236		
30	53.6	30.79	1.0234	53.2	31.11	1.0237	52.9	30.30	1.0231		
31	52.5	31.13	1.0237								
1950 Mean	54.1	30.38	1.0230	55.0	29.62	1.0223	53.7	30.40	1.0230		
1940-50	54.5	29.35	1.0222	54.6	30.11	1.0226	52.7	30.82	1.0235		
1941-50	54.2	29.52	1.0223	54.4	30.10	1.0227	52.5	30.81	1.0235		

Seawater records from Triple Island, Brown passage

October, 1950

November, 1950

December, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	52.9	30.68	1.0234	49.1	31.35	1.0242	44.8	31.26	1.0245
2	52.6	30.35	1.0231				44.4	31.35	1.0246
3	51.6	30.34	1.0232	49.8	31.46	1.0243	43.7	31.33	1.0247
4	51.6	29.40	1.0225	48.9	31.38	1.0243	44.2	31.33	1.0246
5	51.8	31.33	1.0240						
6	51.6	31.35	1.0240	48.7	31.44	1.0243	45.3	31.26	1.0245
7				48.6	31.64	1.0245	45.5	31.24	1.0244
8	51.5	31.55	1.0242	48.6	31.27	1.0242	45.8	31.31	1.0245
9				48.2	31.33	1.0243	45.6	31.27	1.0245
10	51.8	31.51	1.0241	47.5	31.49	1.0245	45.3	31.35	1.0246
11	51.8	31.64	1.0242	47.8	31.27	1.0243	45.6	31.42	1.0246
12	51.6	31.55	1.0242	48.0	31.51	1.0245	46.0	31.44	1.0246
13	50.7	31.49	1.0242	46.8	31.55	1.0246	46.0	31.42	1.0246
14	50.7	31.38	1.0241				46.0	31.46	1.0246
15	50.7	31.36	1.0241				45.8	31.36	1.0245
16	50.9	31.47	1.0242	46.0	31.26	1.0244	45.6	31.31	1.0245
17	50.5	31.46	1.0242	44.2	31.31	1.0246			
18	50.3	31.29	1.0241	44.9	31.36	1.0246	46.0	31.38	1.0245
19	48.6	29.00	1.0224	45.1	31.35	1.0246	46.0	31.42	1.0246
20	48.6	28.96	1.0224	45.6	31.47	1.0246	46.0	30.97	1.0242
21							46.0	30.03	1.0235
22	50.0	31.42	1.0242	45.6	31.64	1.0247			
23	49.6	31.49	1.0243	46.0	31.80	1.0248	46.0	31.33	1.0245
24	50.0	31.46	1.0242				46.6	31.40	1.0245
25	49.8	31.55	1.0243	46.0	31.27	1.0244	46.0	30.32	1.0237
26	49.6	31.47	1.0243	45.5	31.24	1.0244	46.0	31.27	1.0244
27	49.8	31.49	1.0243	46.0	31.11	1.0243	45.8	31.35	1.0245
28	49.6	31.47	1.0243	46.0	31.06	1.0243	46.0	31.38	1.0245
29	49.1	31.38	1.0243	45.5	31.26	1.0245			
30	49.3	31.62	1.0244	45.1	31.29	1.0245	45.8	31.06	1.0243
31	49.3	31.46	1.0243				45.5	31.31	1.0245
1950 Mean	50.6	31.10	1.0239	46.8	31.37	1.0244	45.6	31.23	1.0244
1940-50	50.7	31.48	1.0242	48.1	31.58	1.0244	46.3	31.71	1.0247
1941-50	50.6	31.47	1.0241	48.0	31.55	1.0245	45.8	31.75	1.0250

Seawater Records from Yuculta Landing, Cordero channel

October, 1950				November, 1950				December, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1	47.1	28.57	1.0222	46.8	28.77	1.0224	44.4	28.71	1.0225		
2				46.9	28.62	1.0223	44.2	28.66	1.0225		
3				46.9	28.73	1.0224	44.8	28.75	1.0225		
4				46.9	28.48	1.0222	44.2	28.80	1.0226		
5				46.9	28.68	1.0223	44.1	28.82	1.0227		
6				46.9	28.66	1.0223	45.1	29.05	1.0228		
7				46.6	28.69	1.0223	45.1	28.59	1.0224		
8				46.3	28.57	1.0223	45.5	29.23	1.0229		
9				45.1	27.90	1.0218	45.3	29.14	1.0228		
10	46.9	29.07	1.0226	46.0	28.73	1.0224	45.5	29.14	1.0228		
11	47.5	29.07	1.0226	46.0	28.96	1.0226	45.5	28.98	1.0227		
12	47.6	28.64	1.0222	46.3	29.04	1.0227	45.5	28.93	1.0226		
13	47.6	28.80	1.0224	46.3	28.96	1.0226	45.5	29.05	1.0227		
14	47.5	28.95	1.0225	46.0	29.14	1.0228	45.3	29.00	1.0227		
15	47.1	28.78	1.0224	45.6	29.13	1.0228	45.3	28.86	1.0226		
16	46.9	28.89	1.0225	45.1	28.86	1.0226	45.1	28.78	1.0225		
17	46.9	28.77	1.0224	45.1	28.84	1.0226	45.1	28.59	1.0224		
18	46.9	28.62	1.0223	45.1	28.82	1.0226	45.1	28.69	1.0224		
19	46.8	28.60	1.0223	45.1	28.71	1.0225	45.1	28.48	1.0223		
20	46.9	28.95	1.0225	45.6	28.93	1.0226	45.1	28.28	1.0221		
21	46.8	29.14	1.0227	45.6	28.49	1.0222	45.3	28.46	1.0223		
22	46.9	29.33	1.0229	45.5	29.00	1.0227	45.3	28.57	1.0223		
23	46.9	29.34	1.0229	45.3	28.93	1.0227	45.5	28.91	1.0226		
24	46.8	29.33	1.0229	45.8	29.02	1.0227	45.5	28.24	1.0221		
25	46.9	28.91	1.0225	45.6	29.00	1.0227					
26	46.8	29.13	1.0227	45.6	28.59	1.0223	45.5	28.65	1.0208		
27	46.8	28.86	1.0225	45.8	28.98	1.0226	45.6	29.04	1.0227		
28	46.9	29.14	1.0227	45.8	29.00	1.0227	45.5	28.91	1.0226		
29	47.1	28.78	1.0224	45.5	30.61	1.0239	45.8	28.59	1.0223		
30	47.1	28.77	1.0224	45.3	28.93	1.0227	45.5	28.53	1.0223		
31	46.9	28.40	1.0221				45.6	28.80	1.0225		
1950 Mean	47.0	28.90	1.0225	45.9	28.85		45.1	28.70	1.0225		

Seawater Records from Departure bay, Georgia strait west side

January, 1950				February, 1950				March, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		
1				33.6	28.93	1.0232	43.1	26.20	1.0206		
2				33.1	28.26	1.0227	42.6	21.74	1.0170		
3	40.5	26.42	1.0210	31.9	28.64	1.0230					
4	38.3	27.18	1.0217				42.9	26.24	1.0223		
5	39.5	26.04	1.0207								
6	40.3	26.27	1.0208	43.0	29.54	1.0233	43.1	27.63	1.0218		
7	44.0	28.68	1.0225	42.2	28.64	1.0226	43.5	24.29	1.0191		
8				43.6	28.33	1.0224	42.6	25.77	1.0203		
9	42.0	28.66	1.0227	44.7	29.52	1.0232	41.5	22.41	1.0178		
10	41.5	28.08	1.0222	43.2	27.81	1.0219	42.0	28.78	1.0227		
11	42.0	28.68	1.0227	43.5	29.04	1.0229	41.5	27.88	1.0221		
12	40.8	28.44	1.0226								
13				43.5	24.29	1.0191	41.7	26.74	1.0211		
14	36.4	27.85	1.0223	43.8	27.66	1.0217	42.2	27.65	1.0218		
15				44.9	20.73	1.0162	42.6	27.29	1.0215		
16	34.0	27.36	1.0220	44.6	24.81	1.0195	43.0	26.83	1.0212		
17	31.5	27.41	1.0220	42.5	19.99	1.0158	44.0	29.02	1.0238		
18	35.9	28.59	1.0229	43.5	25.28	1.0199	42.2	25.37	1.0200		
19	34.0	28.53	1.0229								
20	40.0	28.19	1.0223	43.0	23.42	1.0185					
21	40.9	28.49	1.0226	42.7	24.02	1.0189	43.5	27.95	1.0220		
22				43.9	27.99	1.0220	43.6	28.26	1.0222		
23	40.7	28.64	1.0227	43.0	26.20	1.0206					
24	38.0	28.51	1.0227	43.5	27.68	1.0218	43.0	24.85	1.0196		
25	35.0	27.77	1.0222	43.1	26.18	1.0206	44.0	29.33	1.0231		
26	32.5	26.74	1.0215								
27	31.0	26.08	1.0210	41.8	24.69	1.0195	44.0	30.39	1.0239		
28	35.8	28.73	1.0230	43.0	25.90	1.0204	43.2	27.68	1.0218		
29							44.0	27.29	1.0214		
30	34.0	28.51	1.0229				44.4	27.23	1.0214		
31	32.5	28.53	1.0229				43.6	28.22	1.0221		
1950 Mean	37.5	27.85	1.0222	42.0	26.42	1.0209	43.0	26.96	1.0212		
1915-50	43.0	26.68	1.0204	43.4	27.19	1.0205	45.3	27.59	1.0214		
1941-50	43.3	27.55	1.0217	44.0	27.49	1.0216	45.7	27.92	1.0218		

Seawater Records from Departure bay, Georgia strait west side

April, 1950				May, 1950			June, 1950		
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1				49.7	26.24	1.0202	52.0	26.73	1.0204
2				49.4	27.66	1.0213	55.5	26.42	1.0193
3	46.0	27.81	1.0217	49.1	26.65	1.0206	57.0	26.04	1.0193
4	46.5	27.47	1.0214	49.6	26.94	1.0208	56.1		
5	45.5	26.04	1.0204	47.6	26.92	1.0209	56.2		
6	43.9	28.26	1.0222	47.1	27.68	1.0215	56.1	25.07	1.0197
7							56.2	25.26	1.0196
8	44.8	28.59	1.0224	49.9	27.14	1.0207	56.0	26.56	1.0192
9				51.0	25.39	1.0194	54.5	27.97	1.0211
10				52.9					
11	45.5	26.26	1.0195	53.3	26.04	1.0197			
12	46.5	24.87	1.0194	54.0	27.01	1.0204	54.5	22.07	1.0165
13							59.5	25.79	1.0189
14							58.7	19.38	1.0140
15							60.6	26.04	1.0189
16				54.9	24.60	1.0184	64.7	24.85	1.0176
17	46.8	28.68	1.0223	52.4	25.95	1.0197	65.0	16.55	1.0112
18	49.0	26.06	1.0201	51.5	26.73	1.0204			
19	50.0	24.74	1.0190	51.4	25.68	1.0196	57.1	26.51	1.0197
20	49.1	25.75	1.0199	50.5	26.13	1.0200	59.2	24.33	1.0178
21	46.0	27.59	1.0215				58.9	18.40	1.0133
22	46.0	25.75	1.0201				58.5	17.65	1.0128
23				51.2	32.54	1.0250	58.5	19.04	1.0138
24	46.5	25.66	1.0200						
25	46.2	28.01	1.0219	54.0					
26	46.2	27.83	1.0217	54.1	23.46	1.0177	61.1	22.41	1.0161
27	47.3	28.30	1.0221	55.0	26.04	1.0196	61.1	20.08	1.0143
28	47.4	26.35	1.0221				63.8	7.86	1.0047
29				52.1	26.69	1.0203	68.5	6.82	1.0034
30				54.8	27.74	1.0209	68.5	7.97	1.0043
31									
1950 Mean	46.6	27.00	1.0210	51.6	26.66	1.0203	56.8	21.30	1.0157
1915-50	48.8	27.83	1.0211	54.1	26.50	1.0200	59.8	23.02	1.0171
1941-50	49.0	27.97	1.0216	54.5	26.64	1.0201	59.3	23.10	1.0168

Seawater Records from Departure bay, Georgia strait west side

July, 1950

August, 1950

September, 1950

Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1				67.7	16.65	1.0109	61.2	24.47	1.0177
2				65.0	18.03	1.0123			
3	64.2	16.08	1.0109	64.7	18.57	1.0128			
4	65.2	18.01	1.0123	63.8	20.97	1.0147			
5	67.8	13.64	1.0086				63.0		
6	64.5	21.58	1.0151				63.0	23.53	1.0167
7	66.0	18.68	1.0180	55.9	26.76	1.0200	62.1	24.24	1.0174
8	64.9	18.82	1.0129	63.4	23.68	1.0168	62.4	24.54	1.0176
9				63.6	24.07	1.0171			
10	67.5	26.29	1.0182	65.2	22.09	1.0153			
11				67.2	18.30	1.0122	63.4	25.64	1.0183
12	66.6	12.92	1.0083				62.5	25.95	1.0186
13	66.7	11.08	1.0068				62.3	26.11	1.0188
14	67.9	13.98	1.0089	59.0	24.31	1.0178	55.4	27.29	1.0205
15				56.0	26.09	1.0195	50.5	27.57	1.0207
16				54.8	26.73	1.0202			
17	68.0	18.21	1.0121	62.8	18.42	1.0129			
18	65.9	17.95	1.0121	64.0	18.10	1.0125	59.0	26.15	1.0192
19	64.5	20.75	1.0144				59.0	26.33	1.0193
20	66.2	18.68	1.0127				57.8	26.89	1.0199
21	66.4	18.93	1.0128	69.5	19.99	1.0132	58.8	27.09	1.0199
22				68.0	21.29	1.0144	59.6	27.25	1.0200
23				62.0	24.07	1.0173			
24	70.5	19.94	1.0130	58.2	26.44	1.0195			
25				59.6	26.55	1.0194	53.1	28.17	1.0214
26	66.5	23.24	1.0164				53.5	27.92	1.0212
27	64.5						55.3	25.12	1.0188
28	61.5	24.16	1.0174				55.2	25.03	1.0189
29				62.9	21.29	1.0151	54.6	25.35	1.0191
30				62.0	21.55	1.0153			
31	66.5			61.6	23.22	1.0167			
1950 Mean	66.1	18.50	1.0125	62.6	22.14	1.0157	59.6	26.03	1.0192
1915-50	63.4	22.57	1.0163	63.2	24.70	1.0176	58.8	26.29	1.0196
1941-50	63.8	22.49	1.0159	63.6	24.59	1.0174	58.7	26.29	1.0193

Seawater Records from Departure bay, Georgia strait west side

October, 1950				November, 1950			December, 1950		
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	55.0	25.57	1.0192	48.1	26.98	1.0209	44.4	26.69	1.0209
2	53.8	26.00	1.0196	48.9	25.07	1.0195	43.5	23.84	1.0187
3				48.5	25.70	1.0199			
4	52.5	27.11	1.0205	48.6	23.71	1.0179	44.5	27.74	1.0218
5	52.8	27.52	1.0209				42.7	25.77	1.0203
6	51.9	27.95	1.0213	48.6	27.68	1.0214	43.6	24.78	1.0195
7							44.9	24.60	1.0193
8				47.7	27.59	1.0214	45.5	25.84	1.0202
9				46.7	26.91	1.0210	45.0	22.18	1.0173
10	52.4	25.34	1.0193	46.6	26.87	1.0210			
11	49.4	26.35	1.0203				45.6	24.47	1.0191
12	51.0	24.87	1.0190				44.7	23.40	1.0183
13	49.8	27.95	1.0215	45.4	26.71	1.0209	44.2	24.36	1.0191
14	50.6	24.45	1.0187	44.8	27.25	1.0214	43.7	24.38	1.0192
15				45.4	27.32	1.0214	44.5	26.89	1.0212
16	50.5	25.93	1.0199	46.0	27.34	1.0214	45.0	26.31	1.0206
17	50.6	25.68	1.0197	45.4	27.41	1.0215			
18	51.4	26.15	1.0200	44.5	27.50	1.0216	44.5	26.29	1.0206
19	50.5	26.64	1.0204				43.3	22.88	1.0180
20	50.3	25.98	1.0202	44.5	27.05	1.0212	44.5	22.88	1.0179
21				45.4	26.53	1.0208	45.5	20.73	1.0162
22				45.1	25.01	1.0197	45.0	23.33	1.0183
23	49.6	26.58	1.0205	45.6	24.25	1.0191			
24	49.5	26.78	1.0206	45.5	25.32	1.0198			
25	49.8	26.76	1.0206	45.2	24.09	1.0188			
26	48.5	27.72	1.0215						
27	47.5	26.46	1.0206	45.2	26.42	1.0207	44.5	21.17	1.0166
28	47.5	23.40	1.0182	45.9	24.51	1.0191	44.0	18.62	1.0145
29				44.6	24.29	1.0190	44.4	18.42	1.0145
30	48.2	26.22	1.0203	44.7	26.74	1.0210			
31	46.7	22.32	1.0174						
1950 Mean	50.4	26.11	1.0200	45.9	26.18	1.0204	44.4	23.89	1.0187
1915-50	52.1	27.40	1.0207	47.3	27.18	1.0207	44.5	26.14	1.0200
1941-50	52.5	27.24	1.0207	47.8	27.24	1.0211	45.0	26.64	1.0209

Seawater Records from Ladysmith Harbour, Georgia strait, west side

January, 1950				February, 1950				March, 1950			
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density		Water Temp. °F	Salinity ‰	Density	
1				37.4	27.74	1.0221		44.4	27.81	1.0218	
2								43.7	24.78	1.0195	
3											
4	38.3	26.87	1.0214	36.0	27.66	1.0221		43.7	26.26	1.0207	
5											
6	42.8	27.97	1.0221	39.3	27.45	1.0218		44.6	26.31	1.0206	
7				39.0	26.58	1.0211		44.6	26.94	1.0211	
8								44.2	25.81	1.0203	
9	40.1	27.65	1.0220	38.3	26.31	1.0210					
10	39.5	27.47	1.0218					43.0	26.96	1.0212	
11	39.3	27.30	1.0217	39.3	25.70	1.0204					
12	40.1	27.79	1.0221								
13				42.8	19.00	1.0150		42.8	26.96	1.0212	
14								43.7	27.99	1.0220	
15				43.7	18.31	1.0144					
16								43.7	27.20	1.0214	
17	32.7	27.30	1.0219					43.7	20.66	1.0162	
18	38.3	28.33	1.0226								
19											
20	40.1	27.90	1.0222	44.2	18.31	1.0144		42.8	23.28	1.0133	
21	40.6	28.01	1.0222	41.2	18.22	1.0145		43.7	26.09	1.0205	
22				42.0	23.77	1.0188					
23				42.0	6.31	1.0050		42.8	22.94	1.0181	
24				42.0	26.26	1.0207		44.2	21.60	1.0169	
25											
26											
27				42.8	24.25	1.0191		43.8	23.84	1.0187	
28				43.7	27.56	1.0217					
29								43.4	27.32	1.0215	
30								43.7	26.02	1.0205	
31								45.5	27.77	1.0217	
1950 Means	39.1	27.66	1.0220	40.9	22.89	1.0181		43.7	25.61	1.0201	

Seawater Records from Ladysmith Harbour, Georgia strait, west side

April, 1950				May, 1950			June, 1950		
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1				51.3	28.15	1.0215			
2				51.5	26.53	1.0203			
3				50.7	27.54	1.0211	62.5	27.14	1.0196
4									
5	46.4	27.56	1.0215				57.0	27.50	1.0205
6							55.9	27.66	1.0207
7							58.8	26.60	1.0196
8	46.3	27.27	1.0213	51.8	27.11	1.0207	59.3	27.25	1.0200
9				53.9	27.30	1.0206	63.6	26.98	1.0193
10				56.3	26.60	1.0198			
11	46.6	26.89	1.0209	56.8	27.03	1.0199	64.0	26.96	1.0192
12	47.8	22.30	1.0173	59.7	26.36	1.0193	64.4	27.11	1.0193
13							64.9	27.16	1.0193
14	46.4	24.51	1.0191				65.3	27.07	1.0191
15	46.8	23.60	1.0183	61.5	26.76	1.0194	65.4	26.99	1.0190
16							68.9	26.91	1.0185
17	47.8	25.70	1.0199	55.5	27.16	1.0204	68.9	26.82	1.0185
18	48.2	27.16	1.0210	54.5	27.16	1.0205	68.9	26.78	1.0184
19	50.0	26.56	1.0204	53.6	27.54	1.0209	70.2	26.74	1.0182
20							68.9	26.53	1.0182
21							66.2	26.71	1.0187
22				51.8	28.10	1.0214			
23				50.2	28.04	1.0215	75.2	22.39	1.0142
24							63.5	26.38	1.0188
25				55.1	27.48	1.0206	63.5	26.40	1.0189
26	49.6	26.53	1.0204	57.0	26.71	1.0199	64.2	26.42	1.0188
27	50.9	26.55	1.0203				65.3	25.99	1.0183
28	50.0	28.01	1.0216				67.8	26.02	1.0180
29									
30									
31									
1950 Mean	48.0	26.05	1.0202	54.5	27.22	1.0205	64.8	26.63	1.0188

Seawater Records from Ladysmith Harbour, Georgia strait, west side

July, 1950				August, 1950			September, 1950		
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1	64.7			65.3	24.96	1.0176			
2	65.4	22.32	1.0155						
3	70.6	21.92	1.0145						
4							67.1	25.81	1.0180
5	71.6	21.58	1.0141						
6	71.6	21.38	1.0140	65.3	23.62	1.0166			
7	70.6	21.67	1.0143	64.7	24.13	1.0170			
8	67.8	21.91	1.0149	67.1	24.13	1.0167			
9									
10				69.1	24.00	1.0163			
11				67.1	24.43	1.0169			
12									
13				68.7	24.29	1.0166			
14				65.6	24.27	1.0170			
15				65.8	24.13	1.0168	60.9	26.38	1.0192
16							62.2	26.17	1.0188
17	70.6	22.07	1.0145						
18	71.6	21.65	1.0143						
19	70.0	22.01	1.0147				61.8	26.51	1.0192
20	70.0	22.07	1.0145						
21	70.5	22.18	1.0147	68.9	25.03	1.0171			
22									
23	73.9	22.25	1.0142	68.4	25.14	1.0173			
24									
25	71.6	22.48	1.0148						
26	73.4	22.57	1.0146	64.7	25.70	1.0182			
27									
28	67.1	23.10	1.0159						
29									
30	64.2	24.27	1.0171	63.5	26.09	1.0186	52.6	28.12	1.0214
1950 Mean	69.7	22.21	1.0148	66.4	24.61	1.0171	60.9	26.60	1.0186

Seawater Records from Ladysmith Harbour, Georgia strait, west side

October, 1950				November, 1950			December, 1950		
Day of Month	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density	Water Temp. °F	Salinity ‰	Density
1				48.2	24.65	1.0191	44.4	26.65	1.0209
2	53.4	26.21	1.0214	48.4	26.20	1.0203			
3	51.6	27.43	1.0210	49.1	25.77	1.0199			
4	51.8	27.52	1.0210						
5	51.8	27.63	1.0211				43.7	26.73	1.0211
6	51.8	27.45	1.0210	48.4	27.27	1.0211			
7				48.4	27.60	1.0214	41.9	23.43	1.0185
8				48.0	27.74	1.0215	43.0	19.43	1.0153
9				46.6	27.79	1.0216			
10	52.6	26.55	1.0202	46.6	27.77	1.0216			
11	53.4	26.08	1.0197						
12							44.6	17.52	1.0137
13	52.0	27.34	1.0208				44.6	25.26	1.0198
14	53.4	26.49	1.0200				44.4	26.58	1.0209
15	50.2	27.23	1.0209				44.2	24.31	1.0191
16	50.2	27.52	1.0212						
17									
18									
19	50.2	26.69	1.0205				44.4	26.92	1.0211
20	50.9	27.05	1.0207				44.6	23.59	1.0185
21				45.5	28.86	1.0218			
22									
23	50.2	27.16	1.0209						
24	50.0	27.21	1.0209	44.6	22.43	1.0176			
25	50.0	27.45	1.0211						
26									
27				45.5	24.54	1.0192			
28				45.5	22.59	1.0177	44.6	23.82	1.0187
29				46.3	27.30	1.0214	44.8	23.40	1.0183
30							44.6	25.59	1.0201
31	48.2	23.69	1.0182						
1950 Mean	51.5	26.98	1.0206	47.0	26.20	1.0204	44.1	24.10	1.0189

Water Temperature Records from the Fraser river, 1950

	January	February	March	April	May	June
Day of Month	Water Temp. °F	Water Temp. °F	Water Temp. °F	Water Temp. °F	Water Temp. °F	Water Temp. °F
1		32.0	37.0	41.0	44.2	49.1
2		32.0	37.4	41.0	44.6	50.0
3		32.0	37.4	41.0	44.6	50.0
4		32.0	37.4	41.0	45.1	50.0
5		32.0	37.4	41.0	45.0	50.5
6		32.0	37.4	41.0	45.1	50.5
7		32.0	37.4	42.8	45.5	51.8
8		32.0	37.4	42.8	45.5	51.8
9		32.0	37.9	42.8	45.5	50.9
10		32.5	37.9	42.8	46.4	51.3
11		32.9	37.9	42.8	46.4	52.7
12		32.9	37.9	42.8	46.2	53.6
13	River Frozen	33.3	37.9	42.8	49.1	53.6
14		33.8	37.9	43.2	49.1	53.6
15		33.8	33.9	42.8	49.1	53.6
16		35.1	38.3	43.2	48.6	54.5
17		35.1	38.3	42.8	46.9	54.5
18		34.7	38.3	42.8	47.3	54.5
19		35.1	38.7	42.8	47.3	54.5
20		35.6	38.7	42.8	47.3	55.4
21		36.0	38.7	43.2	46.9	55.4
22		36.0	39.2	43.2	46.4	54.0
23		36.0	39.2	42.8	46.9	54.0
24		36.0	40.1	42.8	47.8	54.0
25		36.5	40.1	42.4	48.2	54.0
26		37.4	40.1	42.4	48.2	54.0
27		37.4	40.1	42.4	48.7	55.4
28		37.4	40.5	43.3	48.7	55.9
29			40.5	43.3	48.7	55.9
30			41.0	44.2	48.7	56.3
31			41.0		49.1	
1950 Mean		34.1	38.5	42.5	47.1	53.2
1927-50		36.7	40.5	45.0	50.4	56.2
1941-50		37.0	40.7	44.9	50.1	56.1

Water Temperature Records from the Fraser river, 1950

	July	August	September	October	November	December
Day of Month	Water Temp. °F	Water Temp. °F	Water Temp. °F	Water Temp. °F	Water Temp. °F	Water Temp. °F
1	56.8	61.7	63.5	55.4	45.9	40.1
2	57.2	61.7	63.5	54.5	45.9	39.5
3	58.1	61.7	63.5	54.0	45.9	39.7
4	58.6	61.7	63.5	53.6	45.9	39.3
5	59.0	61.3	63.1	53.6	45.9	38.3
6	59.0	61.3	62.2	53.6	45.5	37.7
7	59.0	61.3	62.2	53.6	44.6	37.4
8	58.5	61.3	61.7	53.2	41.9	37.4
9	58.1	61.3	60.8	53.2	41.9	37.7
10	58.1	61.3	60.8	53.2	41.0	39.3
11	58.1	61.7	60.8	53.2	41.0	41.3
12	58.5	63.1	60.8	52.7	40.5	41.5
13	58.5	63.1	60.8	52.7	40.1	41.3
14	59.0	63.1	60.8	51.8	40.1	41.5
15	59.0	62.6	60.8	51.8	39.7	41.0
16	59.0	62.2	60.8	51.8	39.7	41.0
17	59.0	62.6	60.8	51.4	39.2	41.0
18	59.0	62.6	60.8	51.4	39.2	41.0
19	59.5	63.5	60.8	51.8	38.8	41.0
20	59.9	63.5	60.8	52.2	38.8	41.9
21	60.4	64.4	60.8	50.9	38.8	42.8
22	60.8	64.4	60.8	50.0	40.1	42.8
23	61.7	63.5	61.3	49.1	40.1	42.8
24	62.2	63.5	60.8	49.1	40.5	42.8
25	62.2	63.9	60.8	48.2	40.5	42.8
26	62.2	63.9	60.8	47.8	41.0	42.8
27	62.2	64.4	59.5	47.3	41.5	41.9
28	62.2	65.3	57.2	46.4	41.5	41.9
29	61.7	64.4	56.8	46.4	41.0	41.0
30	61.7	64.4	56.3	46.4	41.0	41.0
31	61.7	63.9		45.9		41.0
1950 Mean	59.7	62.9	60.9	51.2	41.6	40.7
1927-50	60.9	63.4	59.6	52.2	44.1	41.1
1941-50	61.3	63.9	59.5	52.7	43.8	40.0