

OCEANOGRAPHICAL CONDITIONS OBSERVED AT DEFINITE STATION OFF ASAMUSHI DURING 1975

著者	HIRAI ETURO, HOSHINO ZEN-ICHIRO, Mayama Tsutomu, Tamura Seiichi
journal or publication title	The bulletin of the Marine Biological Station of Asamushi, Tohoku University
volume	15
number	4
page range	173-173
year	1976-03-26
URL	http://hdl.handle.net/10097/00131417

OCEANOGRAPHICAL CONDITIONS OBSERVED AT DEFINITE STATION
OFF ASAMUSHI DURING 1975

By

SETSURO HIRAI, ZEN-ICHIRO HOSHINO,* TSUTOMU MAYAMA and SEIICHI TAMURA

平井 説郎 星野 善一郎 間山 力 田村 清一

Marine Biological Station, Tohoku university, Asamushi, Aomori City 039-34, Japan

No. of observation	Date	Water temperature (°C)					Chlorinity (%)					Oxygen (cc/L)					Saturation % of O ₂					pH					Color of water	Transparency (m)
		0 m	5 m	10m	20m	30m	0 m	5 m	10m	20m	30m	0 m	5 m	10m	20m	30m	0 m	5 m	10m	20m	30m	0 m	5 m	10m	20m	30m		
1	Jan. 20	6.48	6.52	6.79	6.78	6.87	18.65	18.58	18.68	18.65	18.68	6.32	6.41	6.53	6.50	6.55	90.7	92.0	94.5	93.9	94.9	8.2	8.3	8.3	8.4	8.4	5	19
2	Feb. 4	6.07	6.85	6.91	6.91	6.90	17.34	17.56	17.95	17.94	17.77	6.74	6.46	6.56	6.52	6.57	94.1	92.2	94.0	93.5	94.0	8.3	8.3	8.3	8.4	8.4	4	16
3	20	5.40	6.06	6.17	6.30	6.68	19.15	19.50	19.74	19.50	19.55	6.86	6.68	6.77	6.71	6.54	96.8	96.0	97.8	97.1	95.5	8.1	8.1	8.2	8.2	8.2	5	17
4	Mar. 5	5.33	5.48	5.88	6.49	6.63	18.42	18.46	18.52	18.65	18.56	7.12	7.10	6.98	6.79	6.78	99.3	99.4	98.7	97.3	97.3	8.3	8.3	8.4	8.4	8.4	5	10
5	26	6.98	7.16	7.08	7.09	7.13	17.92	18.36	18.60	18.58	18.62	7.02	6.95	7.12	6.98	7.12	100.9	100.7	103.6	101.6	103.8	8.3	8.4	8.4	8.4	8.4	4	10
6	Apr. 8	6.80	7.43	7.57	7.62	7.62	16.56	18.17	18.43	18.46	18.49	6.84	6.57	6.62	6.44	6.45	96.1	95.8	97.1	94.4	94.7	8.1	8.2	8.2	8.2	8.2	4	7
7	23	9.02	8.73	8.67	8.22	7.80	18.40	18.41	18.41	18.48	18.51	6.64	6.60	6.71	6.79	6.43	99.3	97.9	99.4	101.1	94.8	8.5	8.5	8.5	8.5	8.5	4	19
8	May 9	10.95	8.95	10.04	10.18	8.30	17.22	18.20	18.35	18.47	18.49	6.19	6.19	6.16	6.04	6.03	95.8	93.1	94.9	93.4	89.9	8.4	8.4	8.4	8.4	8.4	4	13
9	27	12.52	11.31	10.93	10.68	10.31	18.28	18.67	18.69	18.65	18.66	6.33	6.36	6.38	6.89	6.10	101.9	101.0	100.5	107.8	94.9	8.4	8.4	8.4	8.4	8.3	4	9
10	June 11	15.47	13.05	12.41	11.72	11.42	17.95	18.20	18.28	18.43	18.51	6.22	6.48	6.50	6.42	6.26	105.6	105.2	104.3	102.2	99.4	8.3	8.3	8.3	8.3	8.3	3	11
11	25	15.67	15.67	15.08	13.86	12.96	18.44	18.93	18.96	19.51	18.66	5.73	5.75	6.22	5.67	6.12	98.1	98.8	106.0	95.3	100.2	8.3	8.3	8.3	8.3	8.3	3	9
12	July 4	17.15	15.89	14.89	13.45	13.11	18.07	18.21	18.43	18.54	18.61	5.76	5.76	5.99	5.91	6.05	101.2	99.0	101.4	97.0	99.0	8.4	8.4	8.4	8.4	8.4	4	12
13	24	22.01	21.20	20.52	19.67	19.26	17.54	18.05	18.12	18.20	18.22	5.31	5.45	5.37	5.36	5.35	100.4	102.3	99.0	98.2	97.1	8.3	8.3	8.3	8.3	8.3	4	7
14	Aug. 8	23.09	23.31	23.01	21.38	20.00	16.98	17.49	17.66	17.94	17.90	5.13	5.13	5.15	5.03	4.62	98.3	99.2	99.0	94.6	85.0	8.3	8.3	8.3	8.3	8.2	5	10
15	19	26.19	24.31	23.67	22.36	21.92	17.78	17.74	18.13	18.26	18.38	5.15	5.34	5.17	4.58	4.41	104.7	105.1	101.0	87.7	84.2	8.6	8.6	8.6	8.6	8.6	4	10.50
16	Sept. 26	22.16	22.78	22.57	22.47	22.07	17.97	18.19	18.24	18.25	18.41	5.36	5.10	5.10	4.99	4.76	102.1	98.5	98.1	95.8	91.0	8.4	8.4	8.4	8.4	8.4	3	16
17	Oct. 7	21.67	21.66	21.68	21.79	21.48	18.21	18.06	18.19	18.19	18.42	4.90	5.11	4.75	4.85	4.29	92.5	96.4	90.3	92.0	81.3	8.2	8.3	8.3	8.3	8.3	3	7
18	Nov. 10	15.47	15.48	16.18	16.23	16.21	18.03	18.02	18.23	18.27	18.27	5.59	5.60	5.69	5.55	5.47	95.1	95.2	98.3	96.0	94.6	8.4	8.4	8.4	8.4	8.4	4	9
19	27	12.69	13.60	13.38	13.60	13.39	17.95	18.18	18.22	18.26	18.22	5.84	5.91	5.80	5.64	5.65	94.3	97.2	95.1	92.8	92.8	8.3	8.3	8.3	8.2	8.2	3	14
20	Dec. 5	11.88	12.57	12.72	12.97	13.00	17.85	18.06	18.18	18.30	18.34	5.97	6.13	5.96	5.85	5.94	94.8	98.9	96.6	95.4	97.1	8.4	8.4	8.4	8.4	8.4	3	12

1) Contributions from the Marine Biological Station, Tohoku University Aomori City, No. 423

* Present address, Department of Biology, University of Iwate, Ueda, Morioka City 020, Japan