

# OCEANOGRAPHICAL CONDITIONS OBSERVED AT DEFINITE STATION OFF ASAMUSHI DURING 1978-1979

著者	Mayama Tsutomu, Tamura Seiichi, Tsuchiya Makoto
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OCEANOGRAPHICAL CONDITIONS OBSERVED AT DEFINITE STATION  
OFF ASAMUSHI DURING 1978-1979<sup>1)</sup>

TSUTOMU MAYAMA, SEIICHI TAMURA and MAKOTO TSUCHIYA<sup>2)</sup>  
*Marine Biological Station, Tôhoku University, Asamushi, Aomori 039-34, Japan*

No. of observation	Date	Water temperature (°C)					Chlorinity (‰)					Oxygen (cc/L)					Saturation of O <sub>2</sub> (%)					pH					Color of water	Transparency (m)
		0 m	5 m	10 m	20 m	30 m	0 m	5 m	10 m	20 m	30 m	0 m	5 m	10 m	20 m	30 m	0 m	5 m	10 m	20 m	30 m	0 m	5 m	10 m	20 m	30 m		
1	Nov. 30, 1978	12.24	12.27	13.07	13.13	13.12	18.19	18.14	18.39	18.24	18.31	6.30	6.24	5.81	5.72	5.74	101.1	101.1	94.8	93.0	93.8	8.2	8.2	8.3	8.3	8.3	4	9.0
2	Dec. 23	10.50	11.31	11.52	11.44	11.58	18.06	17.77	18.11	18.13	18.37	6.18	6.06	5.96	5.98	5.93	95.7	95.0	94.2	94.5	94.3	8.2	8.3	8.3	8.3	8.3	3	12.0
3	Jan. 26, 1979	6.26	6.71	7.13	7.31	7.24	17.98	18.26	18.29	18.45	18.43	6.74	6.75	6.64	6.66	6.48	95.5	97.0	96.4	97.1	94.3	8.3	8.3	8.3	8.3	8.3	3	11.0
4	Feb. 10	6.41	6.74	6.83	6.83	6.80	18.17	18.37	18.39	18.50	18.42	6.67	7.07	6.85	6.86	6.91	80.8	101.7	98.8	99.1	99.6	8.2	8.3	8.3	8.3	8.3	3	16.0
5	26	6.72	6.68	6.69	6.67	6.54	18.75	18.81	18.85	18.88	18.95	6.57	6.50	6.50	6.43	6.41	94.9	93.8	94.1	93.1	92.5	8.2	8.3	8.3	8.3	8.3	4	17.5
6	Mar. 8	6.50	7.75	7.63	7.59	7.51	18.07	18.74	18.64	18.64	18.77	7.70	7.29	7.24	7.08	7.07	109.7	107.7	106.6	104.0	104.0	8.2	8.3	8.3	8.3	8.3	3	6.0
7	29	7.07	7.11	7.10	7.03	6.81	18.43	18.70	18.72	18.70	18.67	6.95	6.88	6.88	6.87	6.78	100.9	100.3	100.3	100.0	98.1	8.2	8.2	8.3	8.3	8.3	3	7.0
8	Apr. 6	6.60	6.70	6.70	6.50	6.50	18.76	19.02	19.08	19.15	19.18	6.76	6.77	6.85	6.70	6.69	97.5	98.3	99.4	97.0	96.8	8.2	8.2	8.2	8.3	8.3	5	12.0
9	May 8	11.90	10.80	10.50	9.10	8.90	18.37	18.91	18.96	18.98	19.04	6.66	6.54	6.71	6.63	6.46	106.4	102.2	104.4	100.3	98.2	8.2	8.2	8.3	8.3	8.3	4	12.0
10	22	12.60	11.90	11.90	9.90	9.90	17.02	18.80	18.87	18.88	19.02	6.45	6.72	6.53	6.69	5.78	102.7	108.0	105.0	103.2	88.8	8.4	8.5	8.5	8.5	8.5	4	12.0
11	June 14	16.35	15.70	14.95	13.40	12.50	17.91	18.71	18.82	19.04	19.01	6.02	6.04	6.13	6.46	6.35	104.0	103.8	104.3	107.1	103.6	8.3	8.4	8.4	8.4	8.4	5	12.0
12	25	19.02	18.20	16.62	15.97	15.12	17.89	18.42	18.77	18.79	18.81	5.83	5.76	5.79	5.89	5.84	105.2	103.2	101.4	101.9	99.5	8.3	8.4	8.3	8.4	8.4	4	5.0
13	July 10	20.90	18.50	17.30	16.80	16.40	15.80	18.47	18.59	18.60	18.66	5.72	5.71	5.87	5.74	5.50	104.2	102.9	103.9	100.5	95.8	8.3	8.4	8.3	8.4	8.4	5	9.5
14	24	21.25	19.85	19.05	18.20	17.60	14.53	18.57	18.59	18.54	18.59	6.53	5.55	5.76	5.72	5.40	117.9	102.4	105.1	102.7	95.9	8.3	8.3	8.3	8.4	8.4	3	15.0
15	Aug. 11	24.15	22.39	21.81	21.42	20.80	15.64	18.15	18.49	18.67	18.68	6.07	5.56	5.36	5.11	5.18	116.5	106.5	102.3	97.0	97.2	8.3	8.4	8.4	8.4	8.4	4	7.0
16	31	23.20	23.21	23.20	23.01	22.00	17.46	18.34	18.40	18.43	18.54	5.00	5.17	4.98	5.07	4.91	96.3	100.8	97.1	98.6	93.9	8.3	8.3	8.4	8.4	8.4	3	10.0
17	Sept. 7	22.62	22.81	22.81	22.69	21.89	18.03	18.37	18.47	18.51	18.68	5.26	5.35	5.04	4.86	4.30	101.1	103.5	97.7	94.0	82.2	8.3	8.4	8.4	8.4	8.4	4	11.0
18	25	21.21	21.67	21.99	22.02	22.05	18.38	18.56	18.57	18.69	18.74	5.04	5.15	5.02	4.78	4.53	94.9	98.1	96.0	91.6	86.9	8.3	8.3	8.3	8.4	8.4	4	11.0
19	Oct. 11	20.09	19.75	19.96	20.15	19.80	18.07	18.24	18.43	18.55	18.88	5.60	5.63	5.68	5.39	4.59	103.1	103.3	104.8	100.0	84.8	8.3	8.3	8.3	8.4	8.4	3	10.0
20	26	18.20	18.60	18.80	18.99	18.82	18.12	18.39	18.49	18.53	18.81	5.52	5.40	4.95	5.12	4.67	98.6	97.3	89.7	93.1	84.9	8.3	8.3	8.3	8.4	8.4	3	8.0

1) Contribution from the Marine Biological Station, Tôhoku University, No. 443

2) 間山 力, 田村清一, 土屋 誠