

## OCEANOGRAPHICAL CONDITIONS OBSERVED AT DEFINITE STATION OFF ASAMUSI DURING 1977

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OFF ASAMUSHI DURING 1977<sup>1)</sup>

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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. 25	11.79	12.36	12.48	12.70	12.66	18.17	18.46	18.52	18.58	18.58	5.72	6.20	6.16	5.84	5.90	91.0	100.0	99.7	94.5	95.5	8.3	8.3	8.3	8.3	8.3	4	12
2	Dec. 3	12.17	10.83	11.08	11.04	11.07	18.10	18.29	18.41	18.37	18.36	6.44	6.24	6.25	6.11	6.23	103.2	97.5	98.5	96.0	98.0	8.3	8.3	8.3	8.3	8.3	3	18
3	Jan. 27	6.31	6.33	6.33	6.34	6.34	18.51	18.53	18.55	18.48	18.55	6.71	6.71	6.69	6.69	6.70	95.8	96.0	95.9	95.5	96.0	8.2	8.2	8.3	8.3	8.3	3	18
4	Mar. 7	4.60	4.97	5.34	5.47	5.49	18.17	18.34	18.50	18.58	18.53	7.87	7.73	7.58	7.58	7.39	107.8	107.0	105.9	107.6	104.9	8.2	8.3	8.3	8.3	8.3	5	10
5	23	5.48	6.84	6.69	6.65	6.41	15.37	18.39	18.49	18.48	18.53	7.14	7.06	7.03	6.82	6.38	98.3	101.9	101.0	98.0	91.3	8.2	8.2	8.3	8.3	8.3	4	7
6	Apr. 13	7.41	7.22	6.98	6.80	6.82	17.77	18.37	18.57	18.49	18.64	6.76	6.78	6.69	6.61	6.46	97.9	98.6	97.1	95.4	93.5	8.3	8.3	8.3	8.3	8.3	3	8
7	25	7.51	7.89	7.91	7.89	7.89	17.11	18.53	18.60	18.60	18.58	6.78	6.82	6.71	6.58	6.79	97.6	100.8	99.3	97.4	100.3	8.2	8.3	8.3	8.3	8.3	4	12
8	May 9	9.55	9.44	8.92	8.87	8.75	17.49	18.01	18.29	18.38	18.40	6.36	6.32	6.28	6.31	6.45	96.0	95.7	94.2	94.6	96.9	8.2	8.3	8.3	8.3	8.3	4	10
9	26	12.33	11.06	10.67	10.16	8.72	17.80	18.16	17.24	18.27	17.91	6.08	6.06	6.07	6.16	5.62	93.4	95.0	93.4	95.1	83.8	8.2	8.2	8.3	8.3	8.3	4	12
10	June 16	14.14	13.76	13.54	13.48	10.83	17.26	17.60	17.74	17.78	18.05	6.19	6.09	5.85	6.04	6.11	101.8	100.2	95.8	98.7	95.2	8.3	8.3	8.3	8.3	8.3	4	13
11	July 4	15.97	15.86	14.91	12.90	12.07	17.77	17.76	17.83	17.96	18.10	5.69	5.70	5.78	5.68	5.89	97.3	97.3	97.2	92.1	94.1	8.3	8.3	8.3	8.3	8.3	3	14
12	25	22.48	21.31	20.06	19.73	18.93	17.88	18.02	18.20	18.19	18.44	6.14	6.08	6.18	6.02	6.05	117.4	114.1	113.9	110.3	109.8	8.2	8.3	8.3	8.3	8.3	3	12.5
13	Aug. 6	23.35	23.44	22.71	20.04	17.49	16.41	17.21	18.35	18.35	18.40	4.99	5.13	5.21	5.11	5.14	95.3	99.1	100.6	94.3	91.0	8.1	8.2	8.3	8.3	8.3	5	3.5
14	27	21.14	20.92	20.85	20.29	18.43	18.27	18.33	18.36	18.40	18.42	5.18	5.07	5.01	4.96	4.76	97.2	95.2	93.9	92.9	85.7	8.2	8.2	8.2	8.3	8.3	4	10
15	Sept. 14	22.29	21.51	21.61	21.83	20.56	18.30	17.88	17.41	18.40	18.70	4.94	4.69	4.57	4.57	4.35	94.7	88.2	85.6	87.1	81.5	8.2	8.2	8.3	8.3	8.3	4	15
16	29	19.57	20.09	20.12	20.16	18.80	17.71	18.01	18.21	18.38	18.47	5.34	5.46	4.78	4.71	3.90	97.1	100.6	88.1	87.3	70.6	8.2	8.3	8.3	8.3	8.3	5	9
17	Oct. 14	19.06	19.01	19.05	19.03	19.12	18.08	18.09	18.03	18.10	18.10	4.77	4.84	4.75	4.65	4.55	86.5	87.6	85.9	84.1	82.5	8.2	8.3	8.3	8.3	8.3	6	12

1) Contribution from the Marine Biological Station Tôhoku University, Aomori City, No. 430

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