

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MARCH 1917.

Date and hour	Station	Depth.	S	σ_0	t	σ_t	REMARKS.
1 March	123	0	31.64 ⁵	25.42 ⁵	28.22	19.82 ⁵	
2.—a.m.	6°41'Z. 112°38'O.	5	64	42	24	81 ⁵	
		10	64	42	25	81 ⁵	
		20	32.70	26.27	27.46	20.85 ⁵	
		30	82	37	19	21.03 ⁵	
		40	78	34	12	03 ⁵	
		50	80	35 ⁵	10	05	
1 March	124	0	31.80	25.55	28.17	19.96	
4.40 a.m.	6°24'Z. 112°34'O.	5	78	53	17	94 ⁵	
		10	83	58	17	99	
		20	32.—	71	27.87	20.21	
		30	78	26.34	29	98	
		40	78	34	11	21.05 ⁵	
		50	79	35	11	04 ⁵	
		60	83	38	07	08 ⁵	
1 March	125	0	31.89	25.62	28.11	20.04 ⁵	
7.20 a.m.	5°47'Z. 112°24'O.	5	90	63	08	06 ⁵	
		10	91 ⁵	64 ⁵	15	05 ⁵	
		20	32.10	79	27.71	33	
		30	53	26.13	43	73 ⁵	
		40	90	43	10	21.12 ⁵	
		50	92	45	11	14	
1 March	126	0	31.89	25.62	28.15	20.03 ⁵	
9.50 a.m.	5°27'Z. 112°18'O.	5	87	61	02	06 ⁵	
		10	85	59	27.99	05 ⁵	
		20	32.47 ⁵	26.09 ⁵	58	55 ⁵	
		30	72	29	30	93	
		40	74	30	39	94	
		50	79	35	20	21.01 ⁵	
1 March	127	0	31.51	25.32	28.53	19.63	
0.35 p.m.	5°11'Z. 112°16'O.	5	52	32 ⁵	03	79 ⁵	
		10	51	32	27.94	82	
		20	32.46	26.08	37	20.71	
		30	65 ⁵	23 ⁵	40	84 ⁵	
		40	70	27	38	88	
		50	71	28	35	90	

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Date and hour	Station	Depth.	S	σ_0	t	σ_t	REMARKS.
1 March	128	0	31.42	25.24	28.64	19.52	
3.5 p.m.	4°55'Z. 112°9'O.	5	46	27	04	74	
		10	64	42	27.88	93	
		20	32.24	90	47	20.51 ⁵	
		30	51	26.12	30	77	
		40	60	19 ⁵	31	83 ⁵	
		50	67	25	29	89 ⁵	
1 March	129	0	31.40	25.23	28.80	19.46	
5.30 p.m.	4°39'Z. 112°3'O.	5	39	22	08	68	
		10	37	20 ⁵	27.78	76 ⁵	
		20	55	34	36	20.03 ⁵	
		30	32.14	82	27	50	
		40	28	93 ⁵	27	61	
		50	29 ⁵	94 ⁵	27	62	
1 March	130	0	31.34	25.17 ⁵	28.26	19.58	
8.15 p.m.	4°21'Z. 111°55'O.	5	35 ⁵	19	27.90	71	
		10	37	20 ⁵	85	77	
		20	46	27	50	91	
		30	43	25	45	91	
		40	49	30	37	90 ⁵	
1 March	131	0	29.95	24.06	27.09	18.27	
10.40 p.m.	4°4'Z. 111°50'O.	5	31.21	07 ⁵	90	19.60 ⁵	
		10	46	28	80	19.82 ⁵	
		20	34	25.17 ⁵	51	82	
		30	30	15	47	82	
2 March	132	0	29.91	24.03	28.48	18.44 ⁵	
0.40 a.m.	3°50'Z. 111°43'O.	5	—	—	28.03	—	
		10	31.28	13 ⁵	27.65	19.74	
		20	30	15	62	76 ⁵	
		30	32	16 ⁵	61	78	
2 March	133	0	30.01	24.11	28.18	18.61 ⁵	
3.— a.m.	4°0'Z 111°28'O.	5	31.17	25.04	27.88	19.58	
		10	39	22	83	76	
		20	53	33	81	87	
		30	53	33	37	20.01	

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2 March 5.30 a.m.	134 4°10'Z. 111°12'O.	0	31.49	25.30	28.22	19.71	
		5	50	31	19	73	
		10	47	29	04	76	
		20	38	21	27.77	77	
		30	62	40	76	95	
		40	74	50	19	20.23	
2 March 8.30 a.m.	135 4°20'Z. 110°55'O.	0	31.28	25.13 ⁵	28.42	19.49 ⁵	
		5	—	—	40	—	
		10	31.41	25.23 ⁵	16	19.67 ⁵	
		20	87	61	27.66	20.18	
		30	94	66	55	26	
2 March 10.30 a.m.	136 4°29'Z. 110°41'O.	0	31.53	25.33	28.37	19.69	
		5	63	41	15	83 ⁵	
		10	91 ⁵	64 ⁵	27.85	20.15	
		20	32.32	97	45	58 ⁵	
		30	32	97	44	58 ⁵	
		40	43	26.06	37	69	
2 March 1.10 p.m.	137 4°40'Z. 110°23'O.	0	31.19	25.06	29.16	19.17 ⁵	
		5	42	24	28.28	63 ⁵	
		10	48	26.10	27.48	20.69	
		20	53	13 ⁵	28	79	
		30	56 ⁵	16 ⁵	28	81 ⁵	
		40	55	15	26	81	
		50	55	15	26	81	
2 March 3.50 p.m.	138 4°48'Z. 110°10'O.	0	31.23	25.09	29.46	19.10 ⁵	
		5	26 ⁵	12	28.43	47 ⁵	
		10	32.23	90	27.85	20.38 ⁵	
		20	71	26.28	14	97	
		30	71	28	08	98 ⁵	
		40	71	28	09	98 ⁵	
		50	71	28	08	99	

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Date and hour	Station	Depth	S	σ_0	t	σ_t	REMARKS.
2 March 6.20 p.m.	139 4°56'Z. 109°55'O.	0	31.26 ⁵	25.12	28.56	19.43 ⁵	
		5	51	32	30	70 ^b	
		10	32.58	26.18	27.60	20.73	
		20	86	40	05	21.11	
		30	88	42	04	13 ⁵	
		40	85	39 ⁵	07	10	
2 March 9.15 p.m.	140 5°7'Z. 109°39'O.	50	85	39 ⁵	04	10	
		0	31.11	25.—	28.69	19.28	
		5	12	00 ⁵	72	27 ⁵	
		10	32.47	26.09	27.66	20.52 ⁵	
		20	88	42	09	21.11 ⁵	
		30	88	42	26.98	15 ⁵	
2 March m.n.	141 5°16'Z. 109°22'O.	40	88	42	97	15 ⁵	
		50	88	42	97	15 ⁵	
		0	30.70	24.66	28.23	19.11	
		5	31.21	25.07 ⁵	65	36	
		10	26	11	41	47 ⁵	
		20	32.77	26.33	27.22	20.99	
3 March 3.30 a.m.	142 5°30'Z. 108°58'O.	30	86	40	26.94	21.14 ⁵	
		40	94	46	94	20	
		0	31.23	25.09	28.55	19.41	
		5	26 ⁵	12	66	40	
		10	35	18	54	49 ⁵	
		20	32.60	26.19 ⁵	27.28	20.84 ⁵	
3 March 6.15 a.m.	143 5°39'Z. 108°40'O.	30	83	38	02	21.10	
		40	80	35 ⁵	26.97	09 ⁵	
		50	82	37	97	11	
		0	31.19	25.06	28.36	19.44	
		5	23	09	51	42 ⁵	
		10	—	—	22	—	
		20	32.54	26.14	27.19	20.82 ⁵	
		30	56	16	06	88	
		40	67	25	26.89	21.02 ⁵	
		50	69	26	86	04 ⁵	

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Date and hour	Station	Depth.	S	σ_0	t	σ_t	REMARKS.
3 March 9.— a.m.	144 5°48'Z. 108°22'O.	0	31.07	24.96	28.09	19.43 ⁵	
		5	44	25.26	45	60	
		10	51	32	42	60 ⁵	
		20	32.50	26.11	27.08	20.83	
		30	54	14	05	87	
3 March 11.30 a.m.	145 5°57'Z. 108°5'O.	0	31.72	25.48	28.77	19.70	
		5	73	49	38	83 ⁵	
		10	75	51	34	86 ⁵	
		20	32.32	97	27.72	20.49 ⁵	
		30	67	26.25	18	93	
3 March 12.—noon	146 6°2'Z. 107°53'O.	0	31.35	25.18	28.84	19.39 ⁵	
		5	46	27	57	57	
		10	56	36	49	66 ⁵	
		20	32.53	26.13 ⁵	27.41	20.75	