

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

NOVEMBER 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
5 Nov.	1	0	33.49	26.91	29.85	20.66 ⁵	
1 p.m.	5°53'S. 107°0'E.	10	69	27.07	18	21.04	
	27 m.	20	73	10	14	08	
5 Nov.	2	0	33.17	26.65	29.29	20.61	
3.30 p.m.	5°36'S. 106°50'E.	10	58	99	29	93	
	53 m.	20	78	27.15	34	21.06	
		30	34.04 ⁵	35 ⁵	28.90	40 ⁵	
		40	06	37	79	44 ⁵	
		50	06	37	79	44 ⁵	
5 Nov.	3	0	33.28	26.74	29.43	20.65	
6.30 p.m.	5°17'S. 106°42'E.	10	31	77	43	67 ⁵	
	22 m.	20	31	77	45	67	
5 Nov.	4	0	33.15	26.64	29.13	20.66	
9.10 p.m.	4°59'S. 106°34'E.	10	15	64	11	66 ⁵	
	24 m.	20	17	65	13	67	
5 Nov.	5	0	32.29 ⁵	25.94 ⁵	28.48	20.22 ⁵	
11.45 p.m.	4°38'S. 106°28'E.	10	33.08	26.58	29.23	57	
	22 m.	20	17	65	00	71	
6 Nov.	6	0	32.29	25.94	29.55	19.86 ⁵	
2.30 a.m.	4°16'S. 106°22'E.	10	98	26.50	26	20.48	
	—	20	33.20	26.67 ⁵	—	—	
5 Nov.	7	0	32.48	26.10	28.74	20.28 ⁵	
4.55 a.m.	3°55'S. 106°17'E.	10	74 ⁵	31	29.30	29	
	20 m.						
6 Nov.	8	0	32.41	26.04	28.97	20.16	
6.50 a.m.	3°40'S. 106°13'E.	10	57	17	29.19	19 ⁵	
	15 m.						
6 Nov.	9	0	32.89	25.62	28.88	19.79 ⁵	
9.30 a.m.	3°26'S. 106°21'E.	10	33.02	53	29.37	20.47 ⁵	
	20 m.						
6 Nov.	10	0	33.13	26.62	29.27	20.59	
11.30 a.m.	3°14'S. 106°37'E.	10	13	62	28	59	
	20 m.						
6 Nov.	11	0	32.65	26.23	29.09	20.29	
5.30 p.m.	2°34'S. 106°56'E.	10	33.03	54	04	60	
	36 m.	20	10	58	00	65 ⁵	
		30	12	61	00	67 ⁵	

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Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
6 Nov.	12	0	33.17	26.65	29.29	20.61	
8.5 p.m.	2°29'S. 107°16'E.	10	22	70	28.89	80	
	27 m.	20	26	72	87	82	
6 Nov.	13	0	33.24	26.71	29.02	20.76	
10.25 p.m.	2°25'S. 107°36'E.	10	19	67	28.80	79 ⁵	
	27 m.	20	30	75	73	89 ⁵	
7 Nov.	14	0	33.17	26.65	28.98	20.71 ⁵	
1 a.m.	2°20'S. 107°54'E.	10	24	71	94	78 ⁵	
	35 m.	20	30	75	70	90	
6 Nov.	15	0	33.10	26.59	28.68	20.76	
3.30 a.m.	2°29'S. 108°14'E.	10	12	61	67	78	
	38 m.	20	21	68	27	97 ⁵	
		30	22	70	26	21.—	
7 Nov.	16	0	33.01	26.52	28.67	20.70	
5.45 a.m.	2°20'S. 108°34'E.	10	10	59	44	84	
	55 m.	20	17	65	42	90	
		30	19	67	33	95	
		40	20	67 ⁵	31	96	
		50	21	68	27	97 ⁵	
7 Nov.	17	0	32.65 ⁵	26.23 ⁵	28.78	20.39 ⁵	
8.30 a.m.	2°20'S. 108°54'E.	10	33.01	52	77	66 ⁵	
	38 m.	20	15	64	65	81 ⁵	
		30	17	65	64	82 ⁵	
7 Nov.	18	0	32.99	26.51	28.69	20.68 ⁵	
10 a.m.	2°27'S. 109°13'E.	10	33.10	59	65	77	
	33 m.	20	10	59	63	77 ⁵	
		30	12	61	58	81 ⁵	
7 Nov.	19	0	32.39	26.03	28.84	20.19	
1.30 p.m.	2°37'S. 109°33'E.	10	82	37	59	58 ⁵	
	31 m.	20	85	39 ⁵	48	64	
7 Nov.	20	0	31.83	25.58	29.03	19.70 ⁵	
3.50 p.m.	2°46'S. 109°53'E.	10	32.23	90	28.88	20.04	
	31 m.	20	29	94	88	09	
		30	29	94	86	09 ⁵	
7 Nov.	21	0	32.47	26.09	28.80	20.25 ⁵	
7.45 p.m.	3°23'S. 110°2'E.	10	47	09	81	25	
	26 m.	20	48	10	82	26	

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Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
7 Nov.	22	0	32.67	26.25	28.68	20.44	
10.30 p.m.	3°28'S. 109°42'E.	10	67	25	73	42 ⁵	
	31 m.	20	67	25	70	43 ⁵	
8 Nov.	23	0	32.94 ⁵	26.47	28.53	20.69 ⁵	
1 a.m.	3°34'S. 109°24'E.	10	98	50	52	73	
	38 m.	20	33.—	51 ⁵	52	74 ⁵	
		30	—	51 ⁵	52	74 ⁵	
8 Nov.	24	0	33.13	26.62	28.35	20.89 ⁵	
3.20 a.m.	3°42'S. 109°6'E.	10	15	64	37	90 ⁵	
	57 m.	20	15	64	37	90 ⁵	
		30	15	64	35	91	
		40	17	65	36	92	
	25	0	33.—	26.51 ⁵	28.26	20.82 ⁵	
8 Nov.	3°47'S. 108°46'E.	10	28	74	44	98	
8.— a.m.	29 m.	20	28	74	44	98	
		50	19	67	36	94	
	26	0	33.19	26.67	28.62	20.85	
8 Nov.	3°50'S. 108°29'E.	10	19	67	58	86 ⁵	
11.— a.m.	31 m.	20	28	74	59	93	
		30	30	75	58	94	
	27	0	33.22	26.70	29.38	20.63	
8 Nov.	3°54'S. 108°7'E.	10	21	68	12	69 ⁵	
6.— a.m.	31 m.	20	26	72	12	73 ⁵	
		30	37	81	12	82	
8 Nov.	28	0	33.17	26.65	29.10	20.67 ⁵	
2.30 p.m.	3°59'S. 107°46'E.	10	17	65	28.75	79 ⁵	
	—	20	17	65	72	80	
		30	21	68	67	84 ⁵	
8 Nov.	29	0	33.15	26.64	29.18	20.64	
5.— p.m.	4°4'S. 107°26'E.	10	17	65	28.91	74	
	27 m.	20	17	65	86	75 ⁵	
8 Nov.	30	0	33.03 ⁵	26.54 ⁵	29.21	20.54	
7.30 p.m.	4°8'S. 107°6'E.	10	03 ⁵	54 ⁵	08	59	
	20 m.						

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Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
8 Nov.	31	0	33.04	26.55	29.17	20.56	
9.50 p.m.	4°12'S. 106°48'E.	10	06	56	17	57	
	22 m.	20	08	58	12	60 ⁵	
11 Nov.	32	0	32.30	25.95	30.19	19.65 ⁵	
11.30 a.m.	6°3'S. 106°57'E.	10	33.71	27.09	29.60	20.91 ⁵	
	13 m.						
11 Nov.	33	0	32.29	25.94	29.61	19.84 ⁵	
11.55 a.m.	5°59'S. 106°57'E.	10	33.83	27.18 ⁵	50	21.03 ⁵	
	18 m.						
11 Nov.	34	0	32.25	25.91	30.29	19.59	
0.40 p.m.	5°55'S. 106°57'E.	10	33.71	27.09	29.70	20.88	
	24 m.	20	69	07	40	96 ⁵	
11 Nov.	35	0	32.87	26.41	30.11	20.11	
1.30 p.m.	5°50'S. 106°57'E.	10	33.64	27.03	29.60	86 ⁵	
	31 m.	20	64	03	32	96	
11 Nov.	36	0	33.35	26.80	30.12	20.47	
3.— p.m.	5°40'S. 106°57'E.	10	35	80	29.43	70 ⁵	
	47 m.	20	44	87 ⁵	30	81	
		30	79	27.15 ⁵	18	21.12	
		40	95 ⁵	28 ⁵	28.92	32 ⁵	
11 Nov.	37	0	33.37	26.81	30.38	20.39	
4.15 p.m.	5°40'S. 106°48'E.	10	37	81	29.49	69	
	51 m.	20	48	90	18	88	
		30	88	27.22 ⁵	05	21.22 ⁵	
		40	88	22 ⁵	28.87	28 ⁵	
		50	94	27	85	33	
11 Nov.	38	0	33.44	26.87	29.54	20.73	
5.40 p.m.	5°50'S. 106.45'E.	10	48	90	42	80	
	42 m.	20	64	27.03	30	96 ⁵	
		30	71	09	16	21.06	
11 Nov.	39	0	33.33	26.78	29.77	20.57	
6.50 p.m.	5°55'S. 106°47'E.	10	40	84	48	72	
	31 m.	20	68	27.06	30	99 ⁵	
11 Nov.	40	0	33.03 ⁵	26.54 ⁵	29.67	20.38 ⁵	
7.40 p.m.	6°0'S. 106°49'E.	10	37	81	52	68	
		20	71	27.09	41	98	

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11 Nov.	41	0	33.17	26.65	30.12	20.33	
8.30 p.m.	6°5'S. 106°48'E.	10	60	27.—	29.89	73 ⁵	
12 Nov.	42	0	32.89	26.42 ⁵	29.50	20.32	
6.45 a.m.	5°59'S. 106°39'E.	10	33.68	27.06	38	96	
12 Nov.	43	0	33.37	26.81	29.47	20.70	
7.20 a.m.	5°54'S. 106°39'E.	10	44	87	47	75 ⁵	
	—	20	64	27.03	29	97	
12 Nov.	44	0	33.49	26.91	29.51	20.78	
8.15 a.m.	5°49'S. 106°40'E.	10	53	94	48	81 ⁵	
	58 m.	20	53	94	48	81 ⁵	
	—	30	66	27.04	23	21.00	
	—	40	71	09	17	06	
	—	50	77 ⁵	14	01	16	
12 Nov.	45	0	33.35	26.80	29.81	20.57 ⁵	
9.50 a.m.	5°39'S. 106°39'E.	10	35	80	61	64	
	38 m.	20	39	83	34	76	
	—	30	88	27.22 ⁵	28.98	21.25	
12 Nov.	46	0	33.33	26.78	30.93	20.18 ⁵	
11 a.m.	5°31'S. 106°38'E.	10	35	80	29.64	63 ⁵	
	33 m.	20	39	83	24	79 ⁵	
	—	30	94	27.27	28.89	21.32	
12 Nov.	47	0	33.21	26.68	30.07	20.37 ⁵	
1 p.m.	5°33'S. 106°25'E.	10	21	68	29.56	54 ⁵	
	33 m.	20	35	80	42	70 ⁵	
	—	30	—	—	31	—	
12 Nov.	48	0	33.39	26.83	30.22	20.46 ⁵	
2.10 p.m.	5°43'S. 106°25'E.	10	48	90	29.60	74	
	—	20	49	91	54	77	
	—	30	69	27.07	18	21.03 ⁵	
12 Nov.	49	0	33.46	26.88	30.05	20.57	
3 p.m.	5°50'S. 106°24'E.	10	49	91	29.47	79 ⁵	
	57 m.	20	53	94	40	84 ⁵	
	—	30	69	27.07	16	21.04 ⁵	
	—	40	71	09	17	06	
	—	50	73	10	06	11	

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Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
12 Nov.	50	0	33.35	26.80	30.11	20.47 ⁵	
4.15 p.m.	5°58'S. 106°26'E.	10	35	80	29.58	64 ⁵	
12 Nov.	51	0	33.46	26.88	30.01	20.58	
7.15 p.m.	5°51'S. 106°14'E.	10	53	94	29.48	81 ⁵	
	31 m.	20	53	94	37	86	
12 Nov.	52	0	33.35	26.80	29.72	20.60 ⁵	
7.50 p.m.	5°46'S. 106°12'E.	10	49	91	55	76 ⁵	
	—	20	58	99	27	93 ⁵	
		30	68	27.06	13	21.05	
		40	88	22 ⁵	13	20	
12 Nov.	53	0	33.22	26.70	29.81	20.48	
9.30 p.m.	5°47'S. 106°3'E.	10	39	83	56	68 ⁵	
	—	20	49	91	48	79	
		30	49	91	43	80 ⁵	
		40	49	91	42	81	
		50	57	97	38	88	
		60	57	97	31	90	
		70	64	27.03	23	99	
12 Nov.	54	0	33.49	26.91	29.40	20.81 ⁵	
11.45 p.m.	6°3'S. 105°51'E.	10	49	91	36	83	
	66 m.	20	51	93	36	85	
		30	53	94	38	85 ⁵	
		40	53	94	38	85 ⁵	
		50	53	94	39	85	
		60	57	97	41	87	
13 Nov.	55	0	33.44	26.87	29.20	20.84 ⁵	
3 a.m.	6°11'S. 105°34'E.	10	53	94	21	91	
	60 m.	20	53	94	21	91 ⁵	
		30	53	94	25 [?]	89 ⁵	
		40	57	97	07	98 ⁵	
		50	34.16	27.45	27.96	21.79 ⁵	

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NOVEMBER 1918.

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13 Nov.	56	0	33.86 ⁵	27.21	28.44	21.41 ⁵	
9 a.m.	6°1'S. 104°46'E.	10	88	22 ⁵	51	41	
	more than 110 m.	20	88	22 ⁵	47	42	
		30	92	25 ⁵	45	45 ⁵	
		40	92	25 ⁵	28	51	
		50	34.08	38 ⁵	16	66 ⁵	
		60	40	64	27.77	22.03 ⁵	
13 Nov.	57	0	33.92	27.25 ⁵	28.89	21.31	
11.30 a.m.	6°14'S. 104°59'E.	10	92	25 ⁵	73	36 ⁵	
	more than 110 m.	20	94	27	60	42	
		30	34.06	37	58	51 ⁵	
		40	13 ⁵	43	23	69	
		50	31	57	07	87	
		60	56	77	27.67	22.18 ⁵	
13 Nov.	58	0	33.55	26.96	29.63	20.78 ⁵	
1.55 p.m.	6°26'S. 105°10'E.	10	55	96	10	96 ⁵	
	more than 110 m.	20	68	27.06	28.95	21.11	
		30	34.03	34 ⁵	73	44 ⁵	
		40	22	49	28	73 ⁵	
		50	27	54	17	81	
		60	43	67	27.82	22.04 ⁵	
13 Nov.	59	0	33.53	26.94	29.42	20.84 ⁵	
4.30 p.m.	6°31'S. 105°24'E.	10	57	97	40	86	
	79 m.	20	57	97	13	96 ⁵	
		30	68	27.06	02	21.08 ⁵	
		40	68	06	02	08 ⁵	
		50	75	12	28.91	18	
		60	34.40	64	27.30	22.19	
		70	60	80	26.69	54	
13 Nov.	60	0	33.84	27.19	28.42	21.40 ⁵	
9.30 p.m.	7°4'S. 105°0'E.	10	84	19	44	39 ⁵	
	—	19	84	19	44	39 ⁵	
		28	97	30	09	61	
		38	34.03	34 ⁵	27.74	77	
		47	12	41 ⁵	63	87 ⁵	
		56	23	51	50	22.—	
		66	64	83 ⁵	19	40 ⁵	

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19 Nov.	61	0	33.22	26.70	30.19	20.35 ⁵	
1.45 p.m.	5°47'S. 107°06'E.	10	17	65	30.—	37 ⁵	
	35 m.	20	19	67	29.97	39 ⁵	
		30	50	92	67	74 ⁵	
19 Nov.	62	0	33.03	26.54	29.97	20.28	
3.55 p.m.	5°31'S. 107°15'E.	10	04	55	70	38	
	—	20	03	54	65	38 ⁵	
		30	31	77	35	70 ⁵	
		40	95	27.28	28.81	21.35 ⁵	
19 Nov.	63	0	33.10	26.59	29.66	20.43	
6.45 p.m.	5°15'S. 107°25'E.	10	10	59	62	44 ⁵	
	40 m.	20	13	62	46	52 ⁵	
		30	13	62	30	58	
19 Nov.	64	0	33.12	26.61	29.35	20.55 ⁵	
9.10 p.m.	4°58'S. 107°35'E.	10	13	62	35	56 ⁵	
	—	20	13	62	32	57 ⁵	
		30	13	62	32	57 ⁵	
19 Nov.	65	0	33.13	26.62	29.29	20.57	
11.50 p.m.	4°43'S. 107°47'E.	10	13	62	27	58 ⁵	
	33 m.	20	13	62	27	58 ⁵	
		30	13	62	30	58	
20 Nov.	66	0	33.04	26.55	29.31	20.51 ⁵	
2.45 a.m.	4°26'S. 107°59'E.	10	13	62	31	58	
	—	20	13	62	34	56 ⁵	
		30	15	64	36	58	
20 Nov.	67	0	33.10	26.59	29.33 ⁵	20.54	
5.20 a.m.	4°45'S. 108°7'E.	10	10	59	32	54 ⁵	
	33 m.	20	12	61	33	56	
		30	17	65	32	60 ⁵	
20 Nov.	68	0	33.12	26.61	29.12	20.63 ⁵	
8 a.m.	5°3'S. 108°12'E.	10	13	62	07	66	
	44 m.	20	12	61	04	66	
		30	12	61	01	67	

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20 Nov.	69	0	33.13	26.62	29.41	20.54 ⁵	
10.45 a.m.	5°22'S. 108°20'E.	10	13	62	24	60 ⁵	
	47 m.	20	13	62	22	61	
		30	15	64	21	63	
		40	48 ⁵	90 ⁵	28.61	21.08	
20 Nov.	70	0	33.13	26.62	29.59	20.48 ⁵	
1.35 p.m.	5°41'S. 108°31'E.	10	10	59	36	53	
	53 m.	20	12	61	33	56 ⁵	
		30	56	96 ⁵	23	92 ⁵	
		40	89	27.23	28.84	21.30	
		50	89	23	82	30 ⁵	
20 Nov.	71	0	33.21	26.68	29.52	20.56	
*4.10 p.m.	6°0'S. 108°38'E.	10	21	68	52	56	
	51 m.	20	21	68	49	57	
		30	84	27.19	38	21.08 ⁵	
		40	34.03	34 ⁵	28.96	37	
20 Nov.	72	0	33.39 ⁵	26.83 ⁵	30.11	20.50 ⁵	
6.40 p.m.	6°17'S. 108°46'E.	10	36	80 ⁵	29.73	61	
	42 m.	20	52	93 ⁵	82	70 ⁵	
		30	34.04 ⁵	27.35 ⁵	28.91	21.38	
		40	05	36	91	38 ⁵	
20 Nov.	73	0	33.69	27.07	29.63	20.88 ⁵	
9.10 p.m.	6°34'S. 108°53'E.	10	69	07	53	91 ⁵	
	24 m.	20	89	23	05	21.23	
20 Nov.	47	0	33.41	26.85	29.65	20.68	
11.45 p.m.	6°15'S. 109°2'E.	10	41	85	63	68 ⁵	
	47 m.	20	43	86 ⁵	58	71 ⁵	
		30	89	27.23	05	21.23	
		40	34.12	41 ⁵	28.76	50	
21 Nov.	75	0	33.16	26.64 ⁵	29.52	20.53	
2 a.m.	5°57'S. 109°9'E.	10	21	68	49	57	
	55 m.	20	21	68	48	57	
		30	50	92	48	80	
		40	84	27.19	—	—	
		50	86	20	—	—	

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NOVEMBER 1918.

Date and hour	Station, reckoning and depth	Depth.	S	σ_0	t	σ_t	REMARKS.
21 Nov. 5 a.m.	76 5°36'S. 109°17'E. 49 m.	0	32.92	26.45	29.07	20.50	
		10	96	48 ⁵	07	53	
		20	33.—	51 ⁵	06	56 ⁵	
		30	06	56	04	61 ⁵	
		40	34	79	8.55	98 ⁵	
21 Nov. 7.45 a.m.	77 5°18'S. 109°22'E. 51 m.	0	32.79	26.35	29.11	20.39	
		10	79	35	08	40	
		20	82	37	07	42 ⁵	
		30	33.04	55	28.70	71 ⁵	
		40	12	61	60	80 ⁵	
21 Nov. 10.45 a.m.	78 4°58'S. 109°25'E. 55 m.	0	32.66	26.24	29.26	20.24	
		10	68	26	13	30	
		20	80	35 ⁵	08	40 ⁵	
		30	33.—	51 ⁵	28.68	69	
		40	03	54	64	72 ⁵	
21 Nov. 2 p.m.	79 4°34'S. 109°29'E. 55 m.	0	32.61	26.20	29.32	20.18 ⁵	
		10	63	22	20	24	
		20	63	22	12	27	
		30	77	33	28.81	47 ⁵	
		40	83 ⁵	38 ⁵	70	56 ⁵	
21 Nov. 6 p.m.	80 4°11'S. 109°33'E. 40 m.	0	32.50	26.11	29.37	20.11	
		10	50	11	18	15	
		20	56	16	18	20	
		30	56	16	16	20 ⁵	
		40	70	27	28.98	36 ⁵	
21 Nov. 10.40 p.m.	81 4°28'S. 110°2'E. 46 m.	0	32.72	26.29	29.10	20.33 ⁵	
		10	72	29	10	33 ⁵	
		20	72	29	05	36	
		30	70	27	28.98	36 ⁵	
		40	70	27	98	36 ⁵	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

NOVEMBER 1918.

Date and hour	Station, reckoning and depth	Depth.	S	σ_0	t	σ_t	REMARKS.
22 Nov.	82	0	32.77	26.33	29.09	20.38	
1.50 a.m.	4°48'S. 110°13'E.	10	77	33	10	37 ⁵	
	60 m.	20	77	33	10	37 ⁵	
		30	79	35	05	41 ⁵	
		40	86	40	28.90	51	
		50	95	48	61	68	
		60	—	—	51	—	
22 Nov.	83	0	32.98	26.50	29.07	20.54 ⁵	
5.20 a.m.	5°9'S. 110°27'E.	10	33.—	51 ⁵	09	55 ⁵	
	58 m.	20	33.—	51 ⁵	10	55	
		30	03 ⁵	54 ⁵	28.67	72 ⁵	
		40	14	63	55	84	
		50	14	63	50	86	
22 Nov.	84	0	—	—	29.40	—	
8.30 a.m.	5°32'S. 110°38'E.	10	33.21 ⁵	26.69	38	20.61 ⁵	
	68 m.	20	—	—	36	—	
		30	53	94	35	86	
		40	66	27.04	28.67	21.18 ⁵	
		50	68	06	69	19 ⁵	
		60	68	06	61	22	
22 Nov.	85	0	33.31	26.77	29.70	20.98 ⁵	
12 noon	5°50'S. 110°45'E.	10	33	78	45	67 ⁵	
	49 m.	20	62	27.02	29	95 ⁵	
		30	66	04	19	21.01	
		40	69	07	11	06	
22 Nov.	86	0	33.60	27.—	29.74	20.78 ⁵	
2.45 p.m.	6°13'S. 110°52'E.	10	58	26.99	59	82 ⁵	
	55 m.	20	34.04 ⁵	27.35 ⁵	18	21.30 ⁵	
		30	13	42	78	50	
		40	13	42	78	50	
		50	13	42	76	50 ⁵	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

NOVEMBER 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
22 Nov. 7.20 p.m.	87 5°42'S. 111°12'E. 68 m.	0	33.39	26.83	29.47	20.72	
		10	39	83	44	73	
		20	66	27.04	44	92 ⁵	
		30	81	17	45	21.04	
		40	85	19 ⁵	00	21 ⁵	
		50	90	24	28.61	38 ⁵	
22 Nov. 11.45 p.m.	88 5°21'S. 111°15'E. 57 m.	0	33.23	26.70 ⁵	29.29	20.66 ⁵	
		10	26	72	33	66 ⁵	
		20	23	70 ⁵	29	66	
		30	44	87	28.69	21.01 ⁵	
		40	48	90	52	10	
		50	48	90	51	10 ⁵	
23 Nov. 2.30 a.m.	89 5°0'S. 111°19'E. 60 m.	0	33.03 ⁵	26.54 ⁵	29.11	20.57 ⁵	
		10	03 ⁵	54 ⁵	13	57	
		20	03	54 ⁵	13	57	
		30	05	55 ⁵	13	58	
		40	25	71 ⁵	28.49	94	
		50	33	78	—	—	
23 Nov. 5.30 a.m.	90 4°37'S. 111°22'E. —	0	33.18	16.66	28.91	20.75	
		10	18	66	91	75	
		20	21 ⁵	69	92	77 ⁵	
		30	23	70 ⁵	92	79	
		40	27	73	92	81 ⁵	
		50	44	87	92	94	
23 Nov. 8.10 a.m.	91 4°18'S. 111°27'E. 55 m.	0	33.35	26.80	28.94	20.87	
		10	39	83	90	91	
		20	39	83	90	91	
		30	40	84	90	92	
		40	46	88	79	99	
		50	46	88	78	99 ⁵	
23 Nov. 0.15 p.m.	92 4°3'S. 112°0'E. 40 m.	0	33.61	27.01	28.99	21.05	
		10	61	01	89	08 ⁵	
		20	61	01	84?	10	
		30	61	01	90	08	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

NOVEMBER 1918.

Date and hour	Station, reckoning and depth	Depth.	S	σ_o	t	σ_t	REMARKS.
23 Nov. 3 p.m.	93 4°22'S. 112°6'E. 40 m.	0	33.56	26.96 ⁵	28.78	21.08	
		10	72	27.09 ⁵	85	17 ⁵	
		20	72	09 ⁵	80	19	
		30	72	09 ⁵	80	19	
23 Nov. 6.5 p.m.	94 4°43'S. 112°13'E. 55 m.	0	33.30	26.75	29.08	20.77 ⁵	
		10	33	78	05	81	
		20	39	83	05	86	
		30	49	91	28.95	97	
		40	74	27.11	81	21.20	
50	74	11	—	—			
23 Nov. 8.35 p.m.	95 5°5'S. 112°16'E. 58 m.	0	33.40	26.84	29.09	20.85 ⁵	
		10	40	84	13	84	
		20	40	84	13	84	
		30	46	88	14	87 ⁵	
		40	96	27.29	28.68	21.41	
50	34.02	34	62	47 ⁵			
23 Nov. 11.35 p.m.	96 5°25'S. 112°20'E. 64 m.	0	33.40	26.84	—	—	
		10	46	88	—	—	
		20	44	87	—	—	
		30	72	27.09 ⁵	—	—	
		40	34.12	41 ⁵	—	—	
		50	12	41 ⁵	28.56	21.56 ⁵	
60	28	54 ⁵	49	71			
24 Nov. 1.45 a.m.	97 5°47'S. 112°25'E. 62 m.	0	33.33	26.78	29.06	20.81	
		10	40	84	09	85 ⁵	
		20	40	84	17	83	
		30	46	88	17	86 ⁵	
		40	34.08	27.38 ⁵	02	21.38 ⁵	
		50	12	41 ⁵	28.55	57	
60	26	53	42	72			
24 Nov. 4.30 a.m.	98 6°7'S. 112°29'E. 66 m.	0	33.53	26.94	29.26	20.89 ⁵	
		10	53	94	22	90 ⁵	
		20	56	96 ⁵	22	93	
		30	34.13 ⁵	27.43	17	21.37 ⁵	
		40	13 ⁵	43	28.51	59 ⁵	
		50	13 ⁵	43	48	60 ⁵	
60	30	56	36	77			

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

NOVEMBER 1918.

Date and hour	Station, reckoning and depth	Depth.	S	σ_0	t	σ_t	REMARKS.
24 Nov.	99	0	33.57 ⁵	26.98	29.22	20.94 ⁵	
7.5 a.m.	6°25'S. 112°36'E.	10	57 ⁵	98	23	94	
	57 m.	20	57 ⁵	98	27	92 ⁵	
		30	34.08	27.38 ⁵	27	21.30	
		40	06	37	40	57 ⁵	
		50	19	47 ⁵	47	65	
24 Nov.	100	0	33.39	26.83	29.34	20.76	
9.30 a.m.	6°42'S. 112°41'E.	10	74	27.11	35	21.02	
	—	20	74	11	36	01 ⁵	
		30	34.08	38 ⁵	24	31	
		40	19	47 ⁵	28.30	70 ⁵	
		50	22 ⁵	50	28	73 ⁵	
26 Nov.	101	0	34.—	27.32	30.26	20.90 ⁵	
6.25 p.m.	6°41'S. 113°40'E.	10	33.96	29	29.58	21.10 ⁵	
	55 m.	20	34.02	34	48	18 ⁵	
		30	17	46	28.68	57	
		40	26	53	34	74 ⁵	
		50	26	53	33	75	
26 Nov.	102	0	33.98	27.31	29.90	21.02	
9.15 p.m.	6°23'S. 113°47'E.	10	34.06	37	56	19	
	75 m.	20	—	—	41	—	
		30	02	34	38	22	
		40	42	65	42	83	
		50	43	67	37	86 ⁵	
		60	43	67	38	86	
		70	43	67	35	87	
26 Nov.	103	0	33.95	27.28	29.44	21.14 ⁵	
0.30 a.m.	6°4'S. 113°54'E.	10	34.—	32	33	22	
	80 m.	20	19	47 ⁵	01	46 ⁵	
		30	26	53	28.94	55	
		40	33	58	89	61	
		50	36	61	90	63 ⁵	
		60	60	80	64	90	
		70	60	80	64	90	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

NOVEMBER 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
27 Nov.	104	0	34.34	27.60	29.69	21.36	
3.30 a.m.	5°45'S. 114°2'E.	10	36	61	18	54	
	68 m.	20	43	67	28.90	69	
		30	43	67	79	72 ⁵	
		40	58	79	79	84	
		50	58	79	79	84	
		60	64	83 ⁵	72	90	
27 Nov.	105	0	34.58	27.79	29.51	21.59 ⁵	
6 a.m.	5°26'S. 114°10'E.	10	61	82	87	84	
	46 m.	20	65	84	79	88 ⁵	
		30	65	84	77	89	
		40	68	86 ⁵	79	91	
27 Nov.	106	0	34.54	27.76	29.05	21.72	
8.45 a.m.	5°6'S. 114°17'E.	10	64	83 ⁵	28.86	85 ⁵	
	29 m.	20	68	86 ⁵	81	90	
27 Nov.	107	0	34.73	27.91	29.90	21.57 ⁵	
11.45 a.m.	4°47'S. 114°25'E.	10	64	83 ⁵	10	78	
	29 m.	20	62	82 ⁵	03	79 ⁵	
27 Nov.	108	0	33.68 ⁵	27.06 ⁵	29.48	20.93 ⁵	
2.15 p.m.	4°24'S. 114°31'E.	10	34.69	87 ⁵	24	21.76 ⁵	
	35 m.	20	75	92 ⁵	22	82 ⁵	
		30	75	92 ⁵	20	83	
27 Nov.	109	0	34.17	27.46	29.63	21.25	
4.40 p.m.	4°20'S. 114°52'E.	10	62	82 ⁵	44	65 ⁵	
	24 m.	20	62	82 ⁵	46	65	
27 Nov.	110	0	34.68	27.86 ⁵	29.92	21.53	
7.15 p.m.	4°33'S. 115°10'E.	10	64	83 ⁵	48	65 ⁵	
	29 m.	20	64	83 ⁵	47	65	
27 Nov.	111	0	34.42	27.65	29.50	21.47	
9.45 p.m.	4°48'S. 115°23'E.	10	40	64	19	56 ⁵	
	33 m.	20	45	68	10	63 ⁵	
		30	45	68	12	63	
28 Nov.	112	0	34.40	27.64	29.48	21.46 ⁵	
0.10 a.m.	5°0'S. 115°36'E.	10	34	60	12	55	
	49 m.	20	36	61	28.96	61 ⁵	
		30	36	61	92	63	
		40	45	68	91	69 ⁵	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

NOVEMBER 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_o	t	σ_t	REMARKS.
28 Nov.	113	0	34.33	27.58	29.29	21.47 ⁵	
2.45 a.m.	5°8'S. 115°54'E.	10	34	60	07	57	
	55 m.	20	36	61	28.98	61	
		30	42	65	80	70	
		40	40	64	80	69	
		50	40	63	—	—	
28 Nov.	114	0	34.42	27.65	29.49	21.48 ⁵	
5.30 a.m.	5°16'S. 116°12'E.	10	42	65	21	57	
	69 m.	20	42	65	28.91	67	
		30	42	65	91	67	
		40	42	65	51	80 ⁵	
		50	42	65	37	85	
		60	42	65	34	86	
28 Nov.	115	0	34.38	27.63	29.61	21.42	
8.20 a.m.	5°24'S. 116°29'E.	10	38	63	28.98	63	
	75 m.	20	42	65	89	68	
		30	43	67	56	80	
		40	43	67	30	89	
		50	43	67	25	90 ⁵	
		60	47	70	25	93 ⁵	
		70	51	73	20	98	
28 Nov.	116	0	34.18	27.47	30.37	21.01	
12 noon	5°28'S. 116°53'E.	10	22	49	29.28	39 ⁵	
	more than 200 m.	20	27	54	28.88	58	
		30	27	54	72	63	
		40	29	55	67	65 ⁵	
		50	33	58	45	75 ⁵	
		60	42	65	17	91 ⁵	
		70	42	65	08	94	
28 Nov.	117	0	34.42	27.65	30.50	21.13	
4.10 p.m.	5°18'S. 116°43'E.	10	42	65	29.28	54 ⁵	
	79 m.	20	42	65	28.85	69	
		30	43	67	61	79	
		40	43	67	47	83 ⁵	
		50	43	67	38	86 ⁵	
		60	43	67	32	88	
		70	49	71	18	96 ⁵	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

NOVEMBER 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
28 Nov.	118	0	34.43	27.67	29.93	21.34	
6.30 p.m.	5°1'S. 116°35'E.	10	45	68	44	52	
	66 m.	20	45	68	13	62 ⁵	
		30	47	70	28.87	73	
		40	47	70	60	82	
		50	49	71	39	90	
28 Nov.	119	0	34.49	27.71	29.23	21.62	
8.50 p.m.	4°44'S. 116°26'E.	10	49	71	13	65	
	60 m.	20	51	73	04	70	
		30	51	73	28.95	73	
		40	54	76	90	77 ⁵	
		50	61	82	74	98 ⁵	
28 Nov.	120	0	34.52	27.74	30.09	21.35	
11.30 p.m.	4°26'S. 116°18'E.	10	54	76	29.42	60	
	47 m.	20	56	77	28	65 ⁵	
		30	58	79	07	74 ⁵	
		40	58	79	00	77	
29 Nov.	121	0	34.61	27.82	29.90	21.49 ⁵	
2.30 a.m.	4°15'S 116°4'E.	10	58	79	59	57	
	—	20	56	77	51	58	
		30	56	77	48	58 ⁵	