

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MAY 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
3 May	1	0	32.23	25.90	29.91	19.70 ⁵	
0.20 p.m.	5°50'S. 107°0'E.	10	32	97	28.98	20.08 ⁵	
	36 m.	20	62	26.21	88	34 ⁵	
		30	65 ⁵	23 ⁵	88	37	
3 May	2	0	32.69	26.26 ⁵	29.43	20.21	
3.5 p.m.	5°31'S. 106°50'E.	10	74	30	28.97	39 ⁵	
	43 m.	20	77	33	68	52	
		30	79	35	58	57	
		40	97	49	27.63	21.01	
3 May	3	0	32.37	26.00 ⁵	29.59	19.91 ⁵	
6.55 p.m.	5°14'S. 106°39'E.	10	38 ⁵	02	29	20.03	
	20 m.						
3 May	4	0	31.94	25.66	29.30	19.68 ⁵	
9.50 p.m.	4°54'S. 106°33'E.	10	98	69	07	79 ⁵	
	24 m.	20	32.—	71	06	82	
4 May	5	0	31.82 ⁵	25.57	29.24	19.62 ⁵	
0.30 a.m.	4°34'S. 106°27'E.	10	86	60	04	72	
	24 m.	20	88	61 ⁵	03	74	
4 May	6	0	31.51	25.32	29.15	19.42 ⁵	
3.30 a.m.	4°18'S. 106°18'E.	10	54	33 ⁵	14	44 ⁵	
	18 m.						
4 May	7	0	31.11	25.—	29.27	19.08 ⁵	
6.10 a.m.	4°0'S. 106°10'E.	10	13	01	30	08 ⁵	
	11 m.						
4 May	8	0	31.42	25.24	29.11	19.36	
9.30 p.m.	3°40'S. 106°20'E.	10	44	26	09	39	
	18 m.						
4 May	9	0	31.52	25.32 ⁵	29.31	19.37 ⁵	
0.15 p.m.	3°19'S. 106°29'E.	10	52	32 ⁵	09	45	
	17 m.						
4 May	10	0	32.60	26.19 ⁵	29.19	20.22	
7.30 p.m.	2°34'S. 106°56'E.	10	74	30	28.76	46 ⁵	
	38 m.	20	74	30	72	47 ⁵	
		30	74	30	70	48	

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4 May	11	0	32.79	26.35	28.57	20.58	
10.10 p.m.	2°29'S. 107°16'E.	10	83	38	57	59 ^b	
	36 m.	20	88	42	49	66	
		30	88	42	47	67	
5 May	12	0	32.72	26.29	28.59	20.51	
1.20 a.m.	2°26'S. 107°36'E.	10	75	32	60	53 ^b	
	30 m.	20	79	35	59	56 ^b	
5 May	13	0	32.58	26.18	28.63	20.39	
4.10 a.m.	2°26'S. 107°57'E.	10	60	19 ^b	27	52	
	40 m.	20	83	38	43	64 ^b	
		30	95	48	33	77	
5 May	14	0	32.58	26.18	28.72	20.36 ^b	
6.40 a.m.	2°23'S. 108°17'E.	10	60	19 ^b	72	38	
	49 m.	20	79	35	29	66 ^b	
		30	95	48	26	79	
		40	97	49	25	80	
5 May	15	0	32.35	25.99	28.65	20.21	
10.10 a.m.	2°23'S. 108°38'E.	10	56 ^b	26.16 ^b	—	—	
	40 m.	20	75	32	50	56 ^b	
		30	90	43	33	72 ^b	
5 May	16	0	32.31	25.96	28.72	20.16	
1 p.m.	2°20'S. 108°55'E.	10	64	26.22 ^b	86	36 ^b	
	36 m.	20	83	38	57	60	
		30	86	40	55	62 ^b	
5 May	17	0	32.69	26.26 ^b	28.67	20.46	
3.30 p.m.	2°26'S. 109°14'E.	10	90	43	86	55	
	36 m.	20	33.03	54	62	73	
		30	04	55	62	74	
5 May	18	0	32.62	26.21	28.79	20.37	
6.35 p.m.	2°35'S. 109°33'E.	10	72	29	—	—	
	35 m.	20	81	36	29.—	44	
		30	95	48	28.94	51	
5 May	19	0	32.40	26.03 ^b	28.96	20.15	
9 p.m.	2°42'S. 109°46'E.	10	51	12	94	24	
	29 m.	20	60	19 ^b	97	29 ^b	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MAY 1918.

Date and hour	Station, reckoning and depth	Depth.	S	σ_0	t	σ_t	REMARKS.
5 May	20	0	31.35	25.18	28.91	19.37	
11.45 p.m.	3°1'S. 109°58'E. 16 m.	10	61	39 ⁵	89	58	
6 May	21	0	31.35	25.18	28.66	19.45	
3.5 a.m.	3°17'S. 110°3'E. 18 m.	10	35	18	80	41	
6 May	22	0	32.10	25.79	28.61	20.04	
5.40 a.m.	3°27'S. 109°43'E. 36 m.	10	07	77	65	00 ⁵	
		20	17	84 ⁵	65	08	
		30	18	85	61	09 ⁵	
6 May	23	0	32.56	26.16	28.73	20.34 ⁵	
9 a.m.	3°37'S. 109°23'E. 35 m.	10	59	19	66	39	
		20	59	19	71	37 ⁵	
		30	63	22	65	42 ⁵	
6 May	24	0	32.79	26.35	28.93	20.45 ⁵	
11.45 a.m.	3°46'S. 109°3'E. 42 m.	10	81	36	66	55 ⁵	
		20	83	38	66	56 ⁵	
		30	84	39	63	58 ⁵	
6 May	25	0	32.97	26.49	29.02	20.55 ⁵	
2.40 p.m.	3°50'S. 108°43'E. 35 m.	10	33.03	54	60	74	
		20	03	54	59	74	
		30	05	55 ⁵	56	77 ⁵	
6 May	26	0	32.77	26.33	28.97	20.42 ⁵	
5.30 p.m.	3°55'S. 108°18'E. 37 m.	10	79	35	67	54	
		20	79	35	67	54	
		30	83	38	61	58 ⁵	
6 May	27	0	32.81	26.36	28.94	20.46	
8.35 p.m.	4°0'S. 107°57'E. 33 m.	10	84	39	80	53	
		20	88	42	76	57 ⁵	
		30	94	46	74	62	
6 May	28	0	32.74	26.30	28.92	20.41	
11.30 p.m.	4°4'S. 107°37'E. 29 m.	10	74	30	92	41	
		20	74	30	86	53	
7 May	29	0	32.75	26.32	28.93	20.42 ⁵	
2.15 a.m.	4°7'S. 107°18'E. 22 m.	10	75	32	94	42 ⁵	
		20	77	33	94	43 ⁵	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MAY 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
7 May	30	0	32.40	26.03 ⁵	29.06	20.12	
5 a.m.	4°11'S. 106°58'E.	10	40	03 ⁵	11	10	
	26 m.	20	40	03 ⁵	07	12	
7 May	31	0	32.05	25.75	29.82	19.59 ⁵	
0.15 p.m.	5°11'S. 106°26'E.	10	13	81 ⁵	21	86 ⁵	
	21 m.	20	17	84 ⁵	14	91 ⁵	
7 May	32	0	31.89	25.62	29.59	19.55 ⁵	
2.20 p.m.	5°25'S. 106°13'E.	10	89	62	35	63 ⁵	
	28 m.	20	96	68	28.43	65	
7 May	33	0	31.94	25.66	29.45	19.64	
4.30 p.m.	5°47'S. 106°3'E.	10	32.15	83	38	82	
	70 m.	20	42	26.05	27	20.06 ⁵	
		30	56	16	11	22	
		40	59	19	06	26	
		50	63	22	04	30	
		60	72	29	03	36 ⁵	
7 May	33a.	0	31.98	25.69	29.21	19.75	
8.15 p.m.	6°4'S. 105°51'E.	10	32.09 ⁵	78 ⁵	23	83	
	70 m.	20	24	90 ⁵	20	95 ⁵	
		30	37	26.00 ⁵	15	20.06	
		40	37	00 ⁵	16	06	
		50	38 ⁵	02	19	05 ⁵	
		60	44	06 ⁵	17	11 ⁵	
7 May	34	0	32.40	26.03 ⁵	29.23	20.06 ⁵	
10.40 p.m.	6°18'S. 105°39'E.	10	40	03 ⁵	16?	09?	
	43 m.	20	40	03 ⁵	22	07	
		30	40	03 ⁵	20	07 ⁵	
		40	40	03 ⁵	20	07 ⁵	
8 May	35	0	32.37	26.00 ⁵	29.31	20.00 ⁵	
1.45 a.m.	6°32'S. 105°25'E.	10	38 ⁵	02	31	02	
	76 m.	20	40	03 ⁵	26	05 ⁵	
		30	44	06 ⁵	08	14	
		40	44	06 ⁵	08	14	
		50	55	15	28.98	25	
		60	34.18	27.47	25.40	22.62	
		70	51 ⁵	73 ⁵	23.55	23.42 ⁵	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MAY 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
8 May 4.15 a.m.	36 6°26'S. 105°6'E. more than 200 m.	0	32.40	26.03 ⁵	29.12	20.10	
		10	44	06 ⁵	10	13 ⁵	
		20	46	08	08	15 ⁵	
		30	90	43	28.47	68	
		40	33.16	64 ⁵	11	99 ⁵	
		50	41	8	01	21.21	
8.45 a.m.	37 6°13'S. 104°51'E.	0	32.57	26.17	25.75	22.40	
		10	37	17	20.01	20.26	
		20	35	17	17	20.26	
		30	33.12 ⁵	61 ⁵	25	93	
		40	32.83	26.38	28.67	20.56 ⁵	
May p.m.	46 5°26'S. 108°30'E. 48 m.	0	88	42	76	57 ⁵	
		10	95	48	75	63	
		20	96	48 ⁵	77	63	
		30	96	48 ⁵	25	80	
May p.m.	47 5°52'S. 108°40'E. 49 m.	0	32.10	25.79	29.30	19.81	
		10	24	90 ⁵	09	99	
		20	70	26.27	28.96	20.37	
		30	74	30	90	42	
		40	33.09	58 ⁵	27.75	21.06	
May p.m.	48 6°12'S. 108°49'E. 45 m.	0	32.15	25.83	29.13	19.90 ⁵	
		10	37	26.00 ⁵	09	20.08 ⁵	
		20	42	05	28.99	16	
		30	65	23	85	36 ⁵	
		40	95	48	27.36	21.09	
May p.m.	49 6°30'S. 108°57'E. 36 m.	0	32.20 ⁵	25.87 ⁵	28.90	20.02	
		10	42	26.05	96	17	
		20	63	22	29.04	30	
		30	72	29	28.73	47	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MAY 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
12 May	42	0	32.72	26.29	29.15	20.32 ⁵	
1.10 a.m.	4°46'S. 107°47'E.	10	74	30	19	32	
	33 m.	20	92	45	28.95	54	
		30	95	48	90	58 ⁵	
12 May	43	0	32.88	26.42	29.30	20.39 ⁵	
4.5 a.m.	4°30'S. 108°0'E.	10	94	46	16	48	
	31 m.	20	94	46	28.97	54 ⁵	
		30	96	48 ⁵	95	57	
12 May	44	0	32.92	26.45	29.05	20.51	
6.55 a.m.	4°49'S. 108°11'E.	10	95	48	05	53 ⁵	
	35 m.	20	95	48	28.74	63 ⁵	
		30	96	48 ⁵	69	65 ⁵	
12 May	45	0	32.81	26.36	28.68	20.54 ⁵	
10.— a.m.	5°8'S. 108°21'E.	10	88	42	76	57 ^b	
	45 m.	20	96	48 ⁵	72	65	
		30	98	50	71	66 ⁵	
		40	33.12 ⁵	61 ⁵	25	93	
12 May	46	0	32.83	26.38	28.67	20.56 ⁵	
0.55 p.m.	5°26'S. 108°30'E.	10	88	42	76	57 ⁵	
	48 m.	20	95	48	75	63	
		30	96	48 ⁵	77	63	
		40	96	48 ⁵	25	80	
12 May	47	0	32.10	25.79	29.30	19.81	
4.— p.m.	5°52'S. 108°40'E.	10	24	90 ⁵	09	99	
	20 m.	20	70	26.27	28.96	20.37	
		30	74	30	90	42	
		40	33.09	58 ⁵	27.75	21.06	
12 May	48	0	32.15	25.83	29.13	19.90 ⁵	
7.5 p.m.	6°12'S. 108°49'E.	10	37	26.00 ⁵	09	20.08 ⁵	
	45 m.	20	42	05	28.99	16	
		30	65	23	85	36 ⁵	
		40	95	48	27.36	21.09	
12 May	49	0	32.20 ⁵	25.87 ⁵	28.90	20.02	
10.25 p.m.	6°30'S. 108°57'E.	10	42	26.05	96	17	
	36 m.	20	63	22	29.04	30	
		30	72	29	28.73	47	

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Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
13 May	50	0	32.09	25.78	28.88	19.94	
2.— a.m.	6°0'S. 109°6'E.	10	31	96	94	20.08 ⁵	
	50 m.	20	65	26.23	94	34	
		30	94	46	27.29	21.09 ⁵	
		40	33.14	63	26	26	
13 May	51	0	32.56	26.16	28.59	20.39	
5.20 a.m.	5°37'S. 109°13'E.	10	74	30	87	43	
	48 m.	20	81	36	91	47	
		30	81	36	91	47	
		40	86	40	28.09	77	
13 May	52	0	32.74	26.30	28.87	20.43	
8.20 a.m.	5°13'S. 109°18'E.	10	74	30	78	45 ⁵	
	54 m.	20	79	35	79	50	
		30	90	43	69	61	
		40	94	46	53	68 ⁵	
		50	94	46	52	69	
13 May	53	0	32.63	26.22	29.35	20.19 ⁵	
11.25 a.m.	4°50'S. 109°25'E.	10	66	24	00	33	
	50 m.	20	79	35	03	42	
		30	88	42	28.77	57 ⁵	
		40	88	42	70	59 ⁵	
13 May	54	0	32.52	26.13	29.30	20.13	
2.5 p.m.	4°30'S. 109°31'E.	10	68	26	28.99	35 ⁵	
	48 m.	20	72	29	73	46 ⁵	
		30	72	29	76	45 ⁵	
		40	75	32	72	49 ⁵	
13 May	55	0	32.47 ⁵	26.09 ⁵	29.15	20.14 ⁵	
4.45 p.m.	4°12'S. 109°36'E.	10	36	00	02	10	
	40 m.	20	59	19	28.98	29	
		30	59	19	94	30	
13 May	56	0	32.11	25.80	28.87	19.96 ⁵	
7.10 p.m.	4°12'S. 110°0'E.	10	24	90 ⁵	99	20.02	
	40 m.	20	28	93 ⁵	93	07	
		30	31	96	91	10	

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MAY 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
13 May	57	0	32.28	25.93 ⁵	28.82	20.10 ⁵	
10.5 p.m.	4°12'S. 110°22'E.	10	31	96	88	10 ⁵	
	31 m.	20	46	26.08	86	12 ⁵	
		30	61	20	72	38 ⁵	
14 May	58	0	31.92	25.65	—	—	
0.40 a.m.	4°32'S. 110°28'E.	10	32.05	75	28.80	19.94	
	42 m.	20	63	26.22	64	20.43	
		30	77	33	54	56	
		40	95	48	54	70	
14 May	59	0	31.74	25.50	28.84	19.69 ⁵	
3.30 a.m.	4°50'S. 110°35'E.	10	32.07	77	90	92	
	56 m.	20	69	26.26 ⁵	72	20.44 ⁵	
		30	95	48	71	65 ⁵	
		40	98	50	36	78	
		50	33.03 ⁵	54 ⁵	36	82 ⁵	
14 May	60	0	31.55 ⁵	25.35	28.79	19.57	
6.30 a.m.	5°9'S. 110°40'E.	10	54	33 ⁵	76	56 ⁵	
	59 m.	20	32.24	90 ⁵	78	20.09	
		30	83	26.38	65	57 ⁵	
		40	86	40	59	60 ⁵	
		50	96	48 ⁵	27.66	99 ⁵	
14 May	61	0	31.71	25.47	20.92	19.63 ⁵	
9.45 a.m.	5°39'S. 110°46'E.	10	74	50	84	69 ⁵	
	64 m.	20	32.05	75	86	92	
		30	54	26.14	57	38	
		40	86	40	27.45	98	
		50	95	48	37	21.08	
		60	95	48	36	08	
14 May	62	0	31.91	25.64	29.07	19.74 ⁵	
0.40 p.m.	5°48'S. 110°50'E.	10	32.05	75	28.69	98	
	52 m.	20	05	75	73	96	
		30	40	26.03 ⁵	55	20.28 ⁵	
		40	76	32 ⁵	27.80	80	
		50	90	43	65	94 ⁵	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MAY 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
14 May	63	0	31.91	25.64	30.25	19.35	
3.25 p.m.	6°8'S. 110°52'E.	10	91	64	28.87	81 ⁵	
	54 m.	20	32.01	72	82	90 ⁵	
		30	07	77	75	97 ⁵	
		40	90	26.43	27.14	21.11	
		50	92	45	11	14	
14 May	64	0	31.61	25.39 ⁵	28.97	19.55 ⁵	
8 p.m.	5°35'S. 111°19'E.	10	67	45	74	68	
	56 m.	20	94	66	77	87	
		30	32.35	99	47	20.27	
		40	86	26.40	27.28	21.03 ⁵	
		50	94	46	09	15	
14 May	65	0	31.92	25.65	28.91	19.81	
10.45 p.m.	5°31'S. 111°20'E.	10	87	61	92	76 ⁵	
	67 m.	20	32	71	90	87	
		30	05	75	73	96 ⁵	
		40	74	26.30	25	62 ⁵	
		50	98	50	27.68	21	
		60	33.09	58 ⁵	40	16 ⁵	
15 May	66	0	31.89	25.62	28.92	19.78	
1.40 a.m.	5°11'S. 111°21'E.	10	89	62	91	78 ⁵	
	54 m.	20	96	68	93	83	
		30	32.40	26.03 ⁵	72	20.23 ⁵	
		40	94 ⁵	47	22	79 ⁵	
		50	33.01	52	18	86	
15 May	67	0	31.87	25.61	28.87	19.78 ⁵	
4.35 a.m.	4°50'S. 111°24'E.	10	87	61	87	78 ⁵	
	57 m.	20	32.05	75	83	93	
		30	38 ⁵	26.02	69	20.22 ⁵	
		40	33.06	56	30	85 ⁵	
		50	06	56	21	88 ⁵	
15 May	68	0	31.52	25.32 ⁵	29.—	19.47 ⁵	
7.55 a.m.	4°28'S. 111°26'E.	10	57	36 ⁵	28.99	52	
	57 m.	20	32.53	26.13 ⁵	61	20.36	
		30	94	46	43	72	
		40	95	48	43	74	
		50	99	51	43	77	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA

MAY 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
15 May	69	0	31.33	25.17	—	—	
10.55 a.m.	4°6'S. 111°25'E.	10	38	21	28.88	19.40	
	45 m.	20	32.84	39	48	64	
		30	86	40	49	64 ⁵	
		40	86	40	48	65	
15 May	70	0	31.55 ⁵	25.35	29.07	19.48	
1.40 p.m.	3°46'S. 111°23'E.	10	32.03	74	02	86	
	38 m.	20	47 ⁵	26.09 ⁵	28.76	20.27 ⁵	
		30	67	25	61	46 ⁵	
15 May	71	0	31.72	25.48	28.85	19.67	
8.5 p.m.	4°21'S. 111°50'E.	10	94	66	86	83 ⁵	
	47 m.	20	32.20	87	71	20.07 ⁵	
		30	56 ⁵	26.16 ⁵	56	40 ⁵	
		40	60	19 ⁵	49	45 ⁵	
15 May	72	0	31.63	25.41	28.80	19.62	
10.50 p.m.	4°40'S. 111°58'E.	10	63	41	78	62 ⁵	
	51 m.	20	66	44	79	66	
		30	32.46	26.08	60	20.31	
		40	77	33	22	67	
		50	83	38	22	71 ⁵	
16 May	73	0	31.63	25.41	28.84	19.61	
2.5 a.m.	4°57'S. 112°7'E.	10	63	41	85	60 ⁵	
	60 m.	20	79	54	—	—	
		30	32.12	81	73	20.01 ⁵	
		40	18	85	66	08	
		50	21	88	39	19	
16 May	74	0	31.54	25.33 ⁵	28.69	19.58 ⁵	
5.10 a.m.	5°16'S. 112°13'E.	10	54	33 ⁵	64	60 ⁵	
	67 m.	20	66	44	71	68	
		30	70	46 ⁵	74	69	
		40	32.01	72	71	94	
		50	40	26.03 ⁵	64	20.25 ⁵	
		60	33.01	52	27.94	93 ⁵	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MAY 1918.

Date and hour	Station, reckoning and depth	Depth.	S	σ_0	t	σ_t	REMARKS.
16 May	75	0	—	—	—	—	
8.25 a.m.	5°33'S. 112°22'E.	10	31.66	25.44	28.68	19.69	
	65 m.	20	75	51	74	73	
		30	32.01	72	81	91	
		40	21	88	74	20.08	
		50	90	26.43	45	69	
		60	33.07	57	27.61	21.08 ⁵	
16 May	76	0	31.77	25.52 ⁵	28.48	19.83 ⁵	
11.45 a.m.	5°56'S. 112°31'E.	10	77	52 ⁵	71	76	
	68 m.	20	32.01	72	78	92	
		30	37	26.00 ⁵	71	20.20 ⁵	
		40	53	13 ⁵	68	33 ⁵	
		50	60	19 ⁵	44	47	
		60	33.07	57	27.41	21.15	
16 May	77	0	31.64 ⁵	25.42 ⁵	28.75	19.66	
2.50 p.m.	60 m.	10	66	44	73	68	
		20	73 ⁵	49 ⁵	74	72 ⁵	
		30	88	61 ⁵	76	82 ⁵	
		40	32.32	97	59	20.21 ⁵	
		50	33.05	26.55 ⁵	27.03	21.26	
16 May	78	0	31.86	25.60	28.82	19.79 ⁵	
6.40 p.m.	6°42'S. 112°49'E.	10	86	60	86	78	
	52 m.	20	88	61 ⁵	88	79	
		30	96	68	91	84	
		40	98	69	84	87	
		50	32.94	26.46	27.10	21.13 ⁵	
16 May	79	0	31.70	25.46 ⁵	28.59	19.74	
9.40 p.m.	6°23'S. 112°57'E.	10	77	52 ⁵	61	79 ⁵	
	58 m.	20	77	52 ⁵	64	78 ⁵	
		30	81	55 ⁵	70	79 ⁵	
		40	84	58 ⁵	73	81	
		50	33.02	26.53	27.05	21.23 ⁵	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MAY 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
17 May	80	0	31.84	25.58 ⁵	28.68	19.82 ⁵	
0.30 a.m.	6°6'S. 113°8'E.	10	84	58 ⁵	69	82	
	70 m.	20	84	58 ⁵	69	82	
		30	90	63	69	86 ⁵	
		40	—	—	—	—	
		50	32.16	84	49	20.12 ⁵	
		60	33.03 ⁵	26.54 ⁵	26.95	28	
17 May	81	0	31.82 ⁵	25.57	28.57	19.85	
5.25 a.m.	5°38'S. 113°21'E.	10	84	58 ⁵	61	84 ⁵	
	68 m.	20	84	58 ⁵	60	84 ⁵	
		30	32.00 ⁵	71 ⁵	58	97	
		40	18	85	58	20.10 ⁵	
		50	74	26.30	27.75	80	
		60	33.05	55 ⁵	37	21.15 ⁵	
17 May	8	0	31.84	25.58 ⁵	28.38	19.92	
9.25 a.m.	5°55'S. 113°35'E.	10	84	58 ⁵	39	92	
	71 m.	20	84	58 ⁵	39	91 ⁵	
		30	88	61 ⁵	38	95	
		40	32.84	26.39	27.67	20.90	
		50	94	46	75	94	
		60	33.07	57	28	21.20	
		70	07	57	27	20	
17 May	83	0	31.73 ⁵	25.49 ⁵	28.39	29.83 ⁵	
1 p.m.	6°10'S. 113°49'E.	10	82 ⁵	57	38	90 ⁵	
	74 m.	20	84	58 ⁵	38	92	
		30	84	58 ⁵	37	92 ⁵	
		40	32.21	88	27.65	20.43 ⁵	
		50	38 ⁵	26.02	25	69 ⁵	
		60	71	28	—	—	
		70	72	29	20	96	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MAY 1918.

Date and hour	Station, reckoning and depth	Depth.	S	σ_0	t	σ_t	REMARKS
17 May 4.30 p.m.	84 6°25'S. 114°2'E. 75 m.	0	31.70	25.46 ⁵	28.35	19.80 ⁵	
		10	68	45 ⁵	35	80 ⁵	
		20	—	—	34	—	
		30	70	46 ⁵	33	82 ⁵	
		40	72	48 ⁵	31	84 ⁵	
		50	32.25	91	—	—	
		60	33.03 ⁵	26.54 ⁵	27.06	21.24 ⁵	
		70	03 ⁵	54 ⁵	05	24 ⁵	
17 May 8.45 p.m.	85 6°45'S. 114°18'E. 70 m.	0	31.48	25.29 ⁵	28.38	19.65 ⁵	
		10	50	31	35	67 ⁵	
		20	66	44	35	80	
		30	66	44	38	78 ⁵	
		40	68	45 ⁵	40	79 ⁵	
		50	68	45 ⁵	40	79 ⁵	
17 May 11.50 p.m.	86 6°27'S. 114°24'E. 77 m.	0	31.61	25.39 ⁵	28.22	19.79 ⁵	
		10	63	41	22	81	
		20	63	41	24	80 ⁵	
		30	66	44	26	83	
		40	68	45 ⁵	25	84 ⁵	
		50	32.23	90	26	20.25 ⁵	
		60	33.05	26.55 ⁵	26.99	27	
18 May 2.50 a.m.	87 6°10'S. 114°24'E. 76 m.	0	31.75	25.51	28.20	19.91	
		10	81	55 ⁵	19	95 ⁵	
		20	81	55 ⁵	20	95 ⁵	
		30	81	55 ⁵	22	95	
		40	82 ⁵	57	22	96	
		50	95	26.48	27.08	21.18	
		60	33.03	54	05	24 ⁵	
18 May 4 a.m.	88 5°52'S. 114°28'E. 55 m.	0	31.82 ⁵	25.57	28.07	20.01	
		10	82 ⁵	57	05	01 ⁵	
		20	84	58 ⁵	08	02	
		30	79	26.35	27.46	93	
		40	81	36	42	95	
		50	83	38	37	99	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MAY 1918.

Date and hour	Station, reckoning and depth	Depth	S	σ_0	t	σ_t	REMARKS.
18 May	89	0	31.88	25.61 ⁵	28.—	20.07 ⁵	
8.55 a.m.	5°32'S. 114°33'E.	10	88	61 ⁵	27.97	08 ⁵	
	30 m.	20	88	61 ⁵	96	09	
18 May	90	0	31.82 ⁵	25.57	28.01	20.03	
11.30 a.m.	5°15'S. 114°39'E.	10	84	58 ⁵	01	04 ⁵	
	29 m.	20	32.05	75	27.93	22	
18 May	91	0	31.81	25.55 ⁵	27.96	20.03	
2.10 p.m.	4°54'S. 114°43'E.	10	82 ⁵	57	28.07	01	
	34 m.	20	82 ⁵	57	06	01	
		30	88	61 ⁵	01	07	
18 May	92	0	31.51	25.32	28.09	19.77	
4.30 a.m.	4°36'S. 114°40'E.	10	52	32 ⁵	06	78 ⁵	
	27 m.	20	32.00 ⁵	71 ⁵	27.94	20.18 ⁵	
18 May	93	0	31.68	25.45 ⁵	—	—	
7.15 p.m.	4°47'S. 114°15'E.	10	72	48	27.87	19.99	
	32 m.	20	32.33	97 ⁵	90	20.44 ⁵	
		30	58	26.18	79	66 ⁵	
18 May	94	0	31.51	25.32	27.91	19.83	
9.40 p.m.	4°55'S. 113°54'E.	10	54	33 ⁵	87	85 ⁵	
	43 m.	20	68	45 ⁵	—	—	
		30	32.74	26.30	81	20.77 ⁵	
		40	90	43	77	90 ⁵	
19 May	95	0	31.75	25.51	28.23	19.90	
1 a.m.	5°5'S. 113°30'E.	10	82 ⁵	57	21	96	
	52 m.	20	82 ⁵	57	26	94 ⁵	
		30	86	60	31	95 ⁵	
		40	32.75	26.32	27.72	20.82	
		50	33.07	57	47	21.13	
19 May	96	0	31.51	25.32	28.13	19.76	
4.5 a.m.	4°42'S. 113°30'E.	10	51	32	12	76	
	40 m.	20	54	33 ⁵	19	75 ⁵	
		30	32.58	26.18	27.75	20.68	
19 May	97	0	31.35	25.18	28.05	29.65	
6.35 a.m.	4°19'S. 113°30'E.	10	38	21	00	70	
	38 m.	20	32.84	26.39	07	77	
		30	90	43	03	20.82 ⁵	

SALINITIES, TEMPERATURES AND DENSITIES OF THE JAVA-SEA.

MAY 1918.

Date and hour	Station, reckoning and depth	Depth.	S	σ_0	t	σ_t	REMARKS.
22 May	98	0	30.24	24.29	28.52	18.67	
7.30 p.m.	4°20'S. 114°51'E.	10	85	78 ⁵	37	19.18	
	20 m.						
22 May	99	0	31.29	25.14	20	19.57	
10.30 p.m.	4°31'S. 115°10'E.	10	46	27	20	68 ⁵	
	26 m.	20	77	52 ⁵	14	94 ⁵	
23 May	100	0	31.99	25.70	28.—	20.15 ⁵	
2.20 a.m.	4°41'S. 115°26'E.	10	32.00 ⁵	71 ⁵	04	15 ⁵	
	28 m.	20	20	87	27.83	36 ⁵	
23 May	101	0	32.07	25.77	28.—	20.21 ⁵	
6.5 a.m.	4°50'S. 115°42'E.	10	09	78	27.91	25 ⁵	
	46 m.	20	56 ⁵	26.16 ⁵	37	82	
		30	58	18	33	81 ⁵	
		40	58	18	30	82 ⁵	
23 May	102	0	32.05	25.75	28.30	20.10	
3.45 p.m.	4°21'S. 116°11'E.	10	05	75	31	10	
	29 m.	20	44	26.06 ⁵	27.38	69	
23 May	103	0	32.31	25.96	28.36	20.27 ⁵	
6.30 p.m.	4°36'S. 116°17'E.	10	28	93 ⁵	35	25 ⁵	
	50 m.	20	37	26.00 ⁵	06	42	
		30	74	30	26.81	21.09 ⁵	
		40	74	30	78	10 ⁵	
23 May	104	0	32.56 ⁵	26.16 ⁵	28.21	20.50 ⁵	
9.45 p.m.	4°58'S. 116°25'E.	10	62	21	21	50	
	58 m.	20	62	21	22	55 ⁵	
		30	74	30	18	65	
		40	79	35	26.71	21.17	
		50	92	45	39	37	
24 May	105	0	32.60	26.19 ⁵	27.81	20.67 ⁵	
1.30 a.m.	5°19'S. 116°31'E.	10	62	21	85	67 ⁵	
	—	20	62	21	82	68	
		30	62	21	69	73	
		40	74	30	08	21.01	
		50	86	40	26.57	26 ⁵	
		60	84	39	63	54 ⁵	