

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
January 1914.								
11 Jan.								
6 a.m.	5°23'S. 106°44'E.	surf.	27.°7	30.20				
8 "	5°5' S. 106°40'E.	"	27.°3	30.22				
10 "	4°49'S. 106°37'E.	"	27.°5	30.25				
12 noon	4°33'S. 106°35'E.	"	27.°7	30.47				
2 p.m.	4°16'S. 106°33'E.	"	27.°8	30.05				
4 "	3°57'S. 106°32'E.	"	28.°3	29.05				
6 "	3°36'S. 106°29'E.	"	27.°6	29.80				
8 "	3°26'S. 106°28'E.	"	27.°6	29.89				

Seasonal Cruise February 1914.

7 Febr.								
11 a.m.	*	surf.	28.°7	28.04				* Just
12 noon	5°56'S. 106°56'E.	"	28.°3	30.94				outside the
1 p.m.	5°49'S. 106°58'E.	"	28.°3	31.61				piers of
2 "	5°41'S. 107°0' E.	"	28.°5	31.56			NW 2	Tg. Priok.
	34 M.	5	—	—	N 84° E	78.2		
		15	—	31.69	" 65° "	45.8		
		25	—	31.73	" 101° "	47.2		
		35	—	—	" 101° "	34.—		
4 "	id.	surf.	28.°4	—				
5 "	id.	"	28.°5	—				
6 "	id.	"	28.°3	—				
7 "	5°38'S. 107°4' E.	"	28.°2	—				
8 "	5°32'S. 107°12'E.	"	28.°1	31.83				
9 "	5°25'S. 107°20'E.	"	28.°1	31.69				
11 "	5°18'S. 107°27'E.	"	28.°1	31.29				
12 m.n.	5°11'S. 107°34'E.	"	27.°9	30.85				
8 Febr.								
1 a.m.	5°6' S. 107°40'E.	"	27.°9	30.19				
2 "	4°59'S. 107°47'E.	"	27.°6	30.08				
3 "	4°53'S. 107°55'E.	"	27.°6	29.96				
4 "	4°51'S. 108°1' E.	"	27.°6	—				

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					Direction	Velocity in cm. p. sec.		
8 Febr.								
5 a.m.	4°51'S. 108°0' E.	surf.	27.°6	—			NW 2	
	42 M.	5	—	30.07	N 55° E	55.—		
		10	—	32.59	„ 160° „	34.6		
		25	—	32.84	„ 170° „	53.1		
6 „	4°51'S. 108°0' E.	surf.	27.°5	30.09				
7 „	4°44'S. 107°53'E.	„	27.°6	30.80				
8 „	4°38'S. 107°46'E.	„	27.°6	32.88				
	33 M.	5	—	32.90				
		15	—	32.99				
		25	—	32.90				
9 „	4°33'S. 107°42'E.	surf.	27.°5	32.83				
10 „	4°29'S. 107°37'E.	„	27.°6	32.90				
	34 M.	5	—	33.06				
		15	—	32.81				
		25	—	32.97				
11 „	4°25'S. 107°33'E.	surf.	27.°6	32.81				
12 noon	4°21'S. 107°28'E.	„	27.°6	32.42				
	26 M.	5	—	32.71				
		15	—	32.74				
1 p.m.	4°15'S. 107°24'E.	surf.	27.°7	32.71				
2 „	4°11'S. 107°18'E.	„	27.°6	32.95				
3 „	4°7' S. 107°12'E.	„	27.°6	33.06				
4 „	4°1' S. 107°7' E.	„	27.°6	32.95			NNW 2	
	22 M.	5	—	32.94	N 125° E	49.8		
		15	—	32.85	„ 119° „	33.3		
5 „	4°1' S. 107°12'E.	surf.	27.°5	—				
6 „	4°1' S. 107°19'E.	„	27.°5	33.04				
7 „	4°1' S. 107°28'E.	„	27.°5	33.32				
8 „	4°1' S. 107°37'E.	„	27.°6	33.23				
	25 M.	5	—	33.17				
		15	—	33.12				
9 „	4°1' S. 107°44'E.	surf.	27.°3	32.48				
10 „	4°1' S. 107°52'E.	„	27.°6	32.56				
	40 M.	5	—	33.47				
		15	—	33.35				
		25	—	33.31				

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Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 Febr.								
11 p.m.	4°1' S. 107°57'E.	surf.	27.°5	33.36				
12 m.n.	4°1' S. 108°5' E.	"	27.°5	33.36				
	27 M.	5	—	33.23				
		15	—	33.27				
		25	—	33.31				
9 Febr.								
1 a.m.	4°1' S. 108°12'E.	surf.	27.°5	32.95				
2 "	4°1' S. 108°18'E.	"	27.°5	32.88				
	27 M.	5	—	32.95				
		15	—	32.95				
		25	—	33.09				
3 "	4°2' S. 108°24'E.	surf.	27.°6	33.09				
4 "	4°2' S. 108°30'E.	"	27.°7	32.88				
4.30 "	4°2' S. 108°34'E.	"	—	—				
		5	—	33.41				
		15	—	33.49				
		25	—	33.40				
6 "	4°2' S. 108°45'E.	surf.	27.°6	33.44				
7 "	4°2' S. 108°52'E.	"	27.°7	33.36				
8 "	4°2' S. 108°58'E.	"	27.°6	—				
	36 M.	5	—	33.51	N 162° E	47.8		N I
		15	—	33.41	" 161° "	47.8		
		25	—	33.46	" 159° "	44.5		
9 "	4°2' S. 108°58'E.	surf.	27.°6	—				
10 "	4°2' S. 109°5' E.	"	27.°5	33.30				
11 "	4°2' S. 109°13'E.	"	27.°5	33.53				
	42 M.	5	—	33.49				
		15	—	33.66				
		25	—	33.70				
		35	—	33.66				
12 noon	4°3' S. 109°19'E.	surf.	27.°7	33.57				
1 p.m.	4°3' S. 109°28'E.	"	27.°8	33.48				
	42 M.	5	—	33.35	N 129° E	80.2		NW I
		15	—	33.44	" 132° "	73.6		
		25	—	33.44	" 127° "	59.1		
		35	—	33.50	" 125° "	37.0		

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CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 Febr.								
2 p.m.	4°3' S. 109°28'E.	surf.	27.°8	—				
3 "	4°3' S. 109°36'E.	"	27.°8	33.48				
4 "	4°3' S. 109°44'E.	"	27.°9	33.39				
5 "	4°3' S. 109°52'E.	"	27.°8	33.39				
5.30 "	4°3' S. 109°56'E.	5	—	33.44				
	36 M	15	—	33.35				
		25	—	33.37				
		35	—	33.53				
6 "	4°4' S. 109°58'E.	surf.	27.°8	33.51				
7 "	4°4' S. 110°6' E.	"	27.°8	33.39				
8 "	4°4' S. 110°16'E.	"	27.°9	33.32				
		5	—	33.39				
		15	—	33.35				
		25	—	33.51				
		35	—	33.39				
9 "	4°3' S. 110°20'E.	surf.	28.°2	33.19				
10 "	4°3' S. 110°30'E.	"	28.°3	33.61				
10.30 "	4°3' S. 110°35'E.	5	—	32.51				
		15	—	32.47				
		25	—	32.65				
		35	—	32.75				
11 "	4°4' S. 110°37'E.	surf.	28.°2	32.46				
12 m.n.	4°4' S. 110°47'E.	"	28.°3	32.39				
10 Febr.								
1 a.m.	4°4' S. 110°57'E.	"	28.°2	32.34				
		5	—	32.88				
		15	—	32.65				
		25	—	32.72				
		35	—	32.72				
2 a.m.	3°58'S. 111°2' E.	surf.	28.°3	32.32				
3 "	3°53'S. 111°6' E.	"	28.°2	32.20				
3.30 "	3°50'S. 111°8' E.	5	—	32.05				
		15	—	31.92				
4 "	3°50'S. 111°10'E.	surf.	28.°2	31.91				
5 "	3°43'S. 111°13'E.	"	28.°3	32.03				

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Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 Febr.								
6 a.m.	3°40'S. 111°20'E.	surf.	28.°3	32.00				
		5	—	32.19				
		15	—	32.05				
7 "	3°42'S. 111°18'E.	surf.	28.°2	32.13				
8 "	3°52'S. 111°17'E.	"	28.°0	32.09				
9 "	4°0' S. 111°17'E.	surf.	28.°—	32.14			W 6 S 4	
	49 M.	5	—	32.19	N 99° E	64.3		
		15	—	32.29	" 103° "	53.8		
		25	—	32.19	" 107° "	45.9		
		35	—	32.19	" 90° "	34.0		
10 "	4°0' S. 111°17'E.	surf.	27.°9	32.05				
11 "	4°0' S. 111°17'E.	"	27.°8	32.05				
12 noon	4°8' S. 111°17'E.	"	28.°—	32.37				
1 p.m.	4°15'S. 111°17'E.	"	28.°1	32.47				
	49 M.	5	—	32.79				
		15	—	32.94				
		25	—	32.80				
		35	—	32.75				
2 "	4°17'S. 111°17'E.	surf.	27.°9	32.63				
3 "	4°22'S. 111°17'E.	"	27.°8	32.94				
4 "	4°28'S. 111°17'E.	"	27.°6	32.80				
	55 M.	5	—	32.75				
		15	—	32.75				
		25	—	32.80				
		35	—	32.80				
		45	—	32.74				
5 "	4°31'S. 111°17'E.	surf.	27.°6	—				
6 "	4°39'S. 111°17'E.	"	27.°6	32.94				
7 "	4°47'S. 111°17'E.	"	27.°3	32.80				
8 "	4°56'S. 111°17'E.	"	27.°7	32.83				
8.30 "	4°59'S. 111°17'E.	5	—	32.74				
	57 M.	15	—	32.81				
		25	—	32.85				
		35	—	32.83				
		45	—	32.83				

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					Direction	Velocity in cm. p. sec.		
10 p.m.								
11 "	4°59'S. 111°17'E.	surf.	27.°7	—				
12 m.n.	4°59'S. 111°17'E.	"	27.°7	—				
11 Febr.	5°5' S. 111°17'E.	"	27.°6	32.74				
1 a.m.	5°11'S. 111°17'E.	"	—	32.90				
1.30 "	5°14'S. 111°17'E.	5	—	32.98				
		15	—	32.85				
		25	—	32.85				
		35	—	32.80				
		45	—	32.89				
		55	—	—				
2 "	5°14'S. 111°17'E.	surf.	27.°9	32.66				
3 "	5°22'S. 111°17'E.	"	27.°9	32.72				
4 "	5°30'S. 111°17'E.	"	27.°9	32.88				
5 "	5°39'S. 111°17'E.	"	27.°8	32.77			WSW ₃	Heavy squalls
	64 M.	5	—	32.66	N 37° E	20.8		
		15	—	32.71	" 32° "	22.7		
		25	—	32.71	" 37° "	20.1		
		35	—	33.23	" 147° "	23.1		
		45	—	33.23	" 157° "	21.8		
7 "	5°39'S. 111°17'E.	surf.	27.°9	32.85				
8 "	5°42'S. 111°17'E.	"	27.°9	32.78				
9 "	5°51'S. 111°17'E.	"	27.°8	—				
10 "	5°59'S. 111°17'E.	"	27.°8	32.83				
		5	—	32.81				
		15	—	32.75				
		25	—	32.80				
		35	—	32.94				
		45	—	33.13				
11 a.m.	6°5' S. 111°17'E.	surf.	27.°6	—				
12 noon	6°13'S. 111°17'E.	"	27.°8	32.74				
	51 M.	5	—	32.88				
		15	—	32.70				
		25	—	—				
		35	—	33.03				
		45	—	33.09				

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Date and hour.	Reckoning and depth.	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 Febr.								
1 p.m.	6°17'S. 111°17'E.	surf.	28.°2	32.79				
2 "	6°24'S. 111°19'E.	"	28.°0	33.17			W 2	
	49 M.	5	—	32.94	N 97° E	65.7		
		15	—	33.01	" 100° "	53.8		
		25	—	33.01	" 113° "	46.6		
		35	—	33.15	" 123° "	32.7		
		45	—	33.09	" 130° "	22.9		
3 "	6°24'S. 111°19'E.	surf.	28.°0	—				
4 "	6°24'S. 111°23'E.	"	27.°9	33.17				
5 "	6°24'S. 111°32'E.	"	28.°0	33.10				
6 "	6°26'S. 111°38'E.	"	28.°1	32.98				
	44 M.	5	—	32.92				
		15	—	32.95				
		25	—	32.90				
		35	—	32.92				
7 "	6°29'S. 111°47'E.	surf.	28.°0	32.79				
8 "	6°32'S. 111°55'E.	"	27.°9	32.68				
	42 M.	5	—	32.85				
		15	—	32.81				
		25	—	32.85				
		35	—	32.83				
9 "	6°35'S. 112°1' E.	surf.	27.°9	—				
10 "	6°38'S. 112°11'E.	"	27.°9	32.77				
10.30 p.m.	6°39'S. 112°16'E.	5	—	32.80				
	49 M.	15	—	32.80				
		25	—	32.84				
		35	—	32.77				
11 p.m.	6°40'S. 112°18'E.	surf.	27.°7	32.86				
12 m.n.	6°42'S. 112°26'E.	"	27.°6	32.84				
12 Febr.								
1 a.m.	6°45'S. 112°34'E.	surf.	28.°0	32.83				
	44 M.	5	—	32.84				
		15	—	32.84				
		25	—	32.84				
		35	—	33.15				

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					Direction	Velocity in cm. p. sec.		
12 Febr.								
2 a. m.	6°39'S. 112°33'E.	surf.	28.°0	32.83				
3 "	6°32'S. 112°33'E.	"	28.°0	32.99				
4 "	6°25'S. 112°33'E.	"	28.°0	32.89			W 6 N 2	
	62 M.	5	—	32.86	N 120° E	13.5		
		15	—	32.83	" 120° "	13.5		
		25	—	32.86	" 122° "	15.8		
		35	—	32.84	" 111° "	16.2		
		45	—	32.85	" 114° "	19.5		
5 "	6°25'S. 112°33'E.	surf.	27.°9	—				
6 "	6°25'S. 112°33'E.	"	28.°0	32.85				
7 "	6°16'S. 112°33'E.	"	28.°0	32.85				
8 "	6°8' S. 112°33'E.	"	28.°0	32.81				
9 "	6°0'S. 112°33'E.	"	27.°9	32.81			W 1	
	66 M.	5	—	32.81	N 103° E	51.1		
		15	—	32.75	" 100° "	49.2		
		25	—	32.72	" 106° "	52.2		
		35	—	32.72	" 108° "	48.5		
		45	—	32.72	" 106° "	49.2		
		55	—	32.72	" 106° "	42.9		
10 "	6°0'S. 112°33'E.	surf.	28.°0	32.65				
11 "	6°0'S. 112°33'E.	"	28.°0	—				
12 noon	6°0'S. 112°33'E.	"	27.°7	32.68				
13 Febr.								
8 a. m.	5°43'Z. 112°33'O.	"	27.°8	32.65				
9 "	5°37'Z. 112°33'O.	"	27.°7	32.71			NW 3	
		5	—	32.65	N 104° E	30.—		
		15	—	32.59	" 98° "	30.—		
		25	—	32.59	" 100° "	37.3		
		35	—	32.60	" 90° "	31.6		
		45	—	32.63	" 82° "	23.4		
		55	—	32.80	" 90° "	34.—		
10 "	id.	surf.	27.°8	—				
11 "	id.	"	27.°9	—				
12 noon	id.	"	27.°9	—				
1 p.m.	5°30'S. 112°33'E.	"	27.°9	32.74				

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					Direction	Velocity in cm. p. sec.		
13 Febr.								
2 "	5°22'S. 112°33'E. 69 M.	surf. 5 15 25 35 45 55	27.°9 — — — — —	32.63 32.63 32.54 32.47 32.51 32.51 32.66			N 69° E " 89° " " 87° " " 105° " " 113° " " 134° "	NW 6 W 4 The vessel is swaying heavily.
3 "	5°17'S. 112°33'E.	surf.	27.°9	—				
4 "	5°9' S. 112°33'E.	"	27.°7	32.42				
5 "	5°0' S. 112°33'E. 64 M.	" 5 15 25 35 45 55	27.°6 — — — — —	32.38 32.21 32.21 32.25 32.29 32.29 32.32				
6 "	id.	surf.	27.°6	—				
7 "	id.	"	27.°5	—				
8 "	id.	"	27.°6	—				
9 "	4°56'S. 112°33'E.	"	27.°6	32.16				
10 "	4°49'S. 112°33'E.	"	27.°6	32.07				
10.30 "	4°45'S. 112°33'E. 64 M.	5 15 25 35 45 55	— — — — —	32.13 32.03 32.10 31.93 31.98 —				
11 "	id.	surf.	27.°6	31.90				
12 m.n.	4°35'S. 112°33'E.	"	27.°6	31.87				
14 Febr.								
1 a.m.	4°27'S. 112°33'E.	" 5 15 25 35 45	27.°5 — — — —	— 31.66 31.74 31.70 31.83 —				

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					Direction	Velocity in cm. p. sec.		
14 Febr.								
2 a.m.	4°23'S. 112°33'E.	surf.	27.°2	31.66				
3 "	4°14'S. 112°35'E.	"	27.°7	31.64				
3.30 "	4°11'S. 112°35'E.	5	—	31.51				
	36 M.	15	—	31.44				
		25	—	31.44				
4 "	4°9'S. 112°35'E.	surf.	27.°7	31.49				
5 "	4°0'S. 112°35'E.	"	27.°6	31.32				
5.10 "	3°59'S. 112°35'E.	"	27.°5	31.35			WNW 2	
	26 M.	5	—	30.84	N 117° E	17.2		
		15	—	30.84	" 102° "	17.8		
7 "	id	surf.	27.°7	—				
8 "	4°1'S. 112°43'E.	"	27.°9	31.44				
9 "	4°4'S. 112°52'E.	"	27.°8	31.08				
10 "	4°6'S. 113°1'E.	"	27.°8	31.20				
11 "	4°8'S. 113°10'E.	"	28.°—	31.11				
12 noon	4°10'S. 113°19'E.	"	27.°7	31.20				
1 p.m.	4°16'S. 113°28'E.	"	27.°6	31.22				
2 "	4°16'S. 113°37'E.	"	27.°7	31.24				
3 "	4°17'S. 113°46'E.	"	27.°8	31.17			W 2	
	18 M.	5	—	31.14	N 60° E	43.3		
		15	—	31.17	" 22° "	27.7		
4 "	4°20'S. 113°46'E.	surf.	27.°6	31.09				
5 "	4°28'S. 113°46'E.	"	27.°8	31.28				
6 "	4°37'S. 113°46'E.	"	27.°8	31.53				
	35 M.	5	—	31.47				
		15	—	31.56				
		25	—	31.62				
7 "	4°44'S. 113°46'E.	surf.	27.°6	31.53				
8 "	4°52'S. 113°46'E.	"	27.°6	31.70				
9 "	5°0'S. 113°46'E.	"	27.°9	31.89			W 4-5	
	49 M.	5	—	31.99	N 116° E	41.2		
		15	—	32.13	" 119° "	38.6		
		25	—	32.13	" 127° "	31.—		
		35	—	31.85	" 148° "	20.4		
		45	—	31.82	" 155° "	16.8		

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
14 Febr.								
10 p.m.	5°0'S. 113°46'E.	surf.	27.°8	—				
11 "	id	"	27.°8	—				
12 m.n.	5°9' S. 113°46'E.	"	27.°8	32.0				
15 Febr.								
1 a.m.	5°19'S. 113°46'E.	"	27.°7	32.10				
	60 M.	5	—	32.07				
		15	—	32.07				
		25	—	32.13				
		35	—	32.13				
		45	—	32.07				
		55	—	32.65				
2 "	5°24'S. 113°46'E.	surf.	27.°7	—				
3 "	5°32'S. 113°46'E.	"	27.°8	32.14				
	68 M.	5	—	32.13				
		15	—	32.20				
		25	—	32.27				
		35	—	32.13				
		45	—	32.09				
		55	—	32.27				
4 "	5°34'S. 113°46'E.	surf.	27.°8	—				
5 "	5°42'S. 113°46'E.	"	27.°9	32.27				
6 "	5°50'S. 113°46'E.	"	27.°8	32.41				
7 "	6°0'S. 113°46'E.	"	27.°9	32.56			W 2	
	73 M.	5	—	32.47	N 82° E	49.2		
		15	—	32.41	" 89° "	45.2		
		25	—	32.41	" 91° "	30.7		
		35	—	32.41	" 89° "	43.2		
		45	—	32.47	" 77° "	44.5		
		55	—	32.47	" 56° "	14.8		
8 "	id.	surf.	27.°9	—				
9 "	id.	"	27.°7	—				
10 "	6°8' S. 113°46'E	"	28.—	32.56				
11 "	6°16'S. 113°46'E.	"	28.—	32.59				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
15 Febr.								
11.15 a.m.	6°18'S 113°46'E.	5	—	32.39				
		15	—	32.39				
		25	—	32.39				
		35	—	32.42				
		45	—	32.39				
12 noon	6°20'S. 113°46'E.	surf.	28.°0	—				
1 p.m.	6°29'S. 113°47'E.	"	28.°1	32.79				
1.15 "	6°31'S. 113°47'E.	"	—	—			W 6 S 4	
	73 M.	5	—	32.77	N 81° E	71.—		
		15	—	32.77	" 79° "	57.1		
		25	—	32.65	" 82° "	51.2		
		35	—	32.65	" 86° "	49.2		
		45	—	32.65	" 92° "	41.9		
		55	—	34.42	" 273° "	27.4		
2 "	id.	surf.	28.°1	—				
3 "	id.	"	28.°2	—				
4 "	6°36'S. 113°48'E.	"	28.°3	32.80				
5 "	6°44'S. 113°49'E.	5	—	32.72				
	42 M.	15	—	32.68				
		25	—	32.88				
		35	—	32.97				
5 "	id.	surf.	28.°4	32.94				
6 "	6°46'S. 113°59'E.	"	—	32.75				
7 "	6°46'S. 114°10'E.	"	28.°1	32.80				
	45 M.	5	—	32.84				
		15	—	32.80				
		25	—	32.86				
		35	—	33.39				
		45	—	33.66				
8 "	6°47'S. 114°16'E.	surf.	28.°1	—				
9 "	6°49'S. 114°24'E.	"	27.°9	32.98				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
15 Febr.								
10 p.m.	6°51'S. 114°32'E.	surf.	27.°9	32.86			WSW 3	
	69 M.	5	—	32.89	N 104° E	64.4		
		15	—	32.85	„ 106° „	61.7		
		25	—	32.83	„ 117° „	51.2		
		35	—	33.12	„ 130° „	45.2		
		45	—	33.84	„ 173° „	16.2		
		55	—	34.12	„ 146° „	20.8		
11 „	id.	surf.	27.°8	—				
12 m.n.	id.	„	27.°8	32.92				
16 Febr.								
1 a.m.	6°40'S. 114°34'E.	„	27.°9	32.68				
2 „	6°32'S. 114°35'E.	„	28.°1	32.78				
3 „	6°25'S. 114°36'E.	„	27.°9	32.57				
4 „	6°17'S. 114°37'E.	„	27.°8	32.54				
5 „	6°10'S. 114°39'E.	„	27.°7	32.54				
6 „	6°2' S. 114°40'E.	„	27.°8	32.41				
7 „	5°53'S. 114°41'E.	„	27.°9	32.22				
8 „	5°45'S. 114°42'E.	„	27.°9	32.12				
9 „	5°36'S. 114°43'E.	„	27.°9	32.05				Strongly
10 „	5°27'S. 114°45'E.	„	27.°9	31.98				swaying
10.30 „	5°24'S. 114°45'E.	5	—	31.91	N 144° E	15.5	WNW 3	ship.
	29 M.	15	—	31.83	„ 140°? „	6.9		
		25	—	31.82	„ 140°? „	10.9		
11 „	id.	surf.	28.°—	—				
12 noon	5°20'S. 114°42'E.	„	28.°—	31.91				
1 p.m.	5°13'S. 114°42'E.	„	28.°1	32.03				
2 „	5°5' S. 114°42'E.	„	28.°2	31.92				
3 „	4°57'S. 114°39'E.	„	28.°4	31.94				
4 „	4°49'S. 114°36'E.	„	28.°5	31.90				
5 „	4°39'S. 114°32'E.	„	30.°3	—				Strongly
6 „	4°29'S. 114°31'E.	„	30.°2	—				mixed with
20 Febr.								river water.
4 p.m.	4°19'S. 114°39'E.	„	—	—				
	22 M.	5	—	—	N 108° E	24.1	NW 1	
		15	—	30.66	„ 100° „	38.6		

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS	Date and hour
					Direction	Velocity in cm. p. sec.			
20 Febr.									Febr.
7 "	4°39'S. 114°42'E.	surf.	—	—					a.m.
	26 M.	5	—	—					
		15	—	31.24					
		25	—	31.56					
8 "	4°45'S. 114°42'E.	surf.	30.°0	—					
9 "	4°54'S. 114°42'E.	"	29.°9	—					
9.30 "	4°59'S. 114°42'E.	5	—	31.87					"
	27 M.	15	—	31.82					"
		25	—	31.99					a.m.
10 "	5°1' S. 114°42'E.	surf.	29.°8	—					
11 "	5°11'S. 114°40'E.	"	29.°8	—					
12 m.n.	5°21'S. 114°38'E.	"	29.°5	—					
		5	—	31.96					
		15	—	31.87					
		25	—	31.90					
21 Febr.									1 "
1 a.m.	5°27'S. 114°36'E.	surf.	29.°—	—					2 noon
2 "	5°37'S. 114°34'E.	"	28.°3	—					30 p.m.
2.30 "	5°42'S. 114°34'E.	"	—	—					
	35 M.	5	—	32.09					
		15	—	31.90					
		25	—	32.03					
		35	—	32.01					
3 "	5°44'S. 114°34'E.	surf.	28.°6	—					1 "
4 "	5°55'S. 114°38'E.	"	28.°8	—					2 "
5 "	6°6' S. 114°36'E.	"	28.°6	—					3 "
	75 M.	5	—	32.27					
		15	—	32.32					
		25	—	32.36					
		25	—	32.31					
		45	—	32.19					
		55	—	32.28					
6 "	6°11'S. 114°36'E.	surf.	28.°5	—					4 "
7 "	6°19'S. 114°33'E.	"	28.°3	—					5 "

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
21 Febr.								
7.30 a.m.	6°24'S. 114°32'E.	5	—	32.52				
	77 M.	15	—	32.37				
		25	—	32.38				
		35	—	32.47				
		45	—	32.66				
		55	—	32.83				
8 "	6°26'S. 114°32'E.	surf.	28.°3	—				
9 "	6°34'S. 114°31'E.	"	28.°1	—				
10 a.m.	6°42'S. 114°29'E.	"	28.°6	—				
	77 M.	5	—	32.86				
		15	—	32.83				
		25	—	32.88				
		35	—	32.88				
		45	—	33.04				
		55	—	34.34				
11 "	6°42'S. 114°25'E.	surf.	28.°8	—				
12 noon	6°40'S. 114°18'E.	"	29.°6	—				
0.30 p.m.	6°39'S. 114°14'E.	5	—	32.85				
	75 M.	15	—	32.98				
		25	—	33.04				
		35	—	33.04				
		45	—	34.78?				
		55	—	34.50				
1 "	6°39'S. 114°13'E.	surf.	29.°8	—				
2 "	6°36'S. 114°5' E.	"	29.°9	—				
3 "	6°34'S. 113°57'E.	"	29.5°	—				
		5	—	33.08				
		15	—	33.04				
		25	—	33.13				
		35	—	32.97				
		45	—	33.08				
		55	—	34.34				
4 "	6°34'S. 113°54'E.	surf.	29.°5	—				
5 "	6°33'S. 113°46'E.	"	29.°1	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
21 Febr.								
6 p.m.	6°31'S. 113°36'E.	surf.	29.°4	—				
		5	—	33.04				
		15	—	32.90				
		25	—	32.90				
		35	—	32.97				
		45	—	32.97				
		55	—	34.60				
7 "	6°30'S. 113°31'E.	surf.	29.°—	—				
8 "	6°29'S. 113°23'E.	"	28.°8	—				
8.30 "	6°29'S. 113°18'E.	5	—	32.97				
		15	—	32.85				
		25	—	32.85				
		35	—	32.85				
		45	—	32.94				
		55	—	34.55				
9 "	6°29'S. 113°18'E.	surf.	28.°8	—				
10 "	6°28'S. 113°9' E.	"	28.°7	—				
11 "	6°28'S. 113°1' E.	"	28.°6	—				
12 m.n.	6°27'S. 112°53'E.	"	28.°7	—				
		5	—	32.74				
		15	—	32.83				
		25	—	32.94				
		35	—	32.88				
		45	—	32.74				
		55	—	33.51				
22 Febr.								
1 a.m.	6°26'S. 112°47'E.	surf.	28.°6	—				
2 "	6°26'S. 112°40'E.	"	28.°—	—				
2.30 "	6°26'S. 112°37'E.	5	—	32.80				
		15	—	33.01				
		25	—	32.84				
		35	—	32.84				
		45	—	32.80				
		55	—	33.12				
3 "	6°26'S. 112°36'E.	surf.	28.°4	—				
4 "	6°25'S. 112°29'E.	"	28.°3	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
22 Febr.								
5 a.m.	6°24'S. 112°23'E.	surf.	28.°3	—				
		5	—	33.06				
		15	—	32.89				
		25	—	32.86				
		35	—	32.86				
		45	—	32.94				
		55	—	34.09				
6 "	6°24'S. 112°19'E.	surf.	28.°1	—				
7 "	6°24'S. 112°12'E.	surf.	28.°4	—				
	60 M.	5	—	33.10				
		15	—	33.06				
		25	—	32.99				
		35	—	33.03				
		45	—	32.89				
		55	—	33.97				
8 "	6°23'S. 112°9' E.	surf.	28.°5	—				
9 "	6°23'S. 112°0' E.	"	28.°4	—				
10 "	6°22'S. 111°51'E.	"	28.°4	—				
11 "	6°21'S. 111°43'E.	"	28.°4	33.23				
		5	—	33.10				
		15	—	33.21				
		25	—	33.01				
		35	—	32.90				
		45	—	32.97				
12 noon	6°20'S. 111°37'E.	surf.	29.°1	—				
1 p.m.	6°20'S. 111°29'E.	"	29.°—	—				
2 "	6°19'Z. 111°22'O.	"	28.°8	—				
3 "	6°15'S. 111°17'E.	surf.	28.°8	—				
4 "	6°6' Z. 111°16'O.	"	28.°7	32.98				
		5	—	33.12				
		15	—	33.01				
		25	—	32.94				
		35	—	33.15				
		45	—	33.26				
5 "	6°2' S. 111°18'E.	surf.	28.°8	—				
6 "	5°54'S. 111°18'E.	"	28.°8	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
22 Febr.								
7 p.m.	5°47'S. 111°17'E.	surf.	28.°8	—				
8 "	5°39'S. 111°17'E.	"	28.°7	—				
9 "	5°33'S. 111°17'E.	"	28.°7	—				
10 "	5°25'S. 111°17'E.	"	28.5°	—				
11 "	5°8' S. 111°17'E.	"	28.4°	—				
12 m.n.	5°8' S. 111°17'E.	"	28.°5	32.83				
23 Febr.								
1 a.m.	4°59'S. 111°11'E.	"	28.°4	32.86				
2 "	4°50'S. 111°4' E.	"	28.°4	32.72				
2.30 "	4°47'S. 111°0' E.	5	—	32.59				
	57 M.	15	—	32.65				
		25	—	32.95				
		35	—	33.03				
		45	—	33.03				
		55	—	33.03				
3 "	4°47'S. 111°0' E.	surf.	28.°5	32.57				
4 "	4°41'S. 110°53'E.	"	28.°5	32.59				
5 "	4°35'S. 110°41'E.	"	28.°7	32.39				
		5	—	32.38				
		15	—	32.60				
		25	—	32.74				
		35	—	32.83				
		45	—	32.83				
6 "	4°33'S. 110°38'E.	surf.	28.°7	32.27				
7 "	4°27'S. 110°34'E.	"	28.°8	31.20				
7.30 "	4°26'S. 110°32'E	"	—	—				
		5	—	31.93				
		15	—	32.88				
		25	—	32.84				
		35	—	32.77				
		45	—	32.84				
8 "	4°26'S. 110°32'E.	surf.	28.°4	32.01				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
23 Febr.								
10 a.m.	4°17'S. 110°15'E.	surf.	29.°—	31.96				
	44 M.	5	—	32.84				
		15	—	32.86				
		25	—	32.86				
		35	—	32.79				
		45	—	—				
11 "	4°14'S. 110°8' E.	surf.	29.°1	32.66				
12 noon	4°17'S. 109°59'E.	"	29.°6	32.97				
0.30 p.m.	4°17'S. 109°58'E.	surf.	—	—				
	36 M.	5	—	33.21				
		15	—	33.13				
		25	—	33.21				
		35	—	33.21				
1 "	4°17'S. 109°56'E.	surf.	30.°3	33.56				
2 "	4°20'S. 109°53'E.	"	30.°—	33.37				
2.30 "	4°24'S. 109°51'E.	5	—	32.94				
	45 M.	15	—	33.40				
		25	—	33.42				
		35	—	33.30				
3 "	4°26'S. 109°51'E.	surf.	30.°8	32.95				
4 "	4°35'S. 109°51'E.	"	30.°7	31.89				
5 "	4°44'S. 109°54'E.	"	30.°2	31.84				
	51 M.	5	—	31.73				
		15	—	33.40				
		25	—	33.39				
		35	—	33.48				
6 "	4°51'S. 109°54'E.	surf.	29.°4	31.87				
7 "	5°0'S. 109°53'E.	"	29.°2	32.16				
	51 M.	5	—	32.07	N 86° E	23.4	W 1	
		15	—	32.12	" 6°? "	6.9		
		25	—	33.33	" 185° "	4.9		
		35	—	33.36	" 233° "	7.9		
		45	—	33.39	" 250° "	12.8		
8 "	5°0' S. 109°53'E.	surf.	29.°2	—				
9 "	5°2' S. 109°53'E.	"	28.°9	—				
10 "	5°10'S. 109°53'E.	"	28.°7	32.22				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
23 Febr.								
10.30 p.m.	5°14'S. 109°53'E.	surf.	—	32.28				
	51 M.	5	—	32.45				
		15	—	33.50				
		25	—	33.44				
		35	—	33.41				
11 „	5°16'S. 109°52'E.	45	28.°7	32.19				
12 m.n.	5°24'S. 109°53'E.	surf.	28.°6	32.27				
24 Febr.								
1 a.m.	5°32'S. 109°51'E.	„	28.°6	32.30				
	53 M.	5	—	32.47				
		15	—	32.43				
		25	—	33.32				
		35	—	33.36				
		45	—	33.28				
2 „	5°38'S. 109°50'E.	surf.	28.°4	32.57				
3 „	5°46'S. 109°50'E.	„	28.°4	32.70				
3.30 „	5°50'S. 109°49'E.	5	—	32.70				
	51 M.	15	—	32.83				
		25	—	32.63				
		35	—	33.35				
		45	—	33.35				
4 „	5°50'S. 109°49'E.	surf.	28.°4	—				
5 „	id.	„	28.°4	—				
6 „	5°50'S. 109°48'E.	„	28.°4	—				
7 „	5°58'S. 109°48'E.	„	28.°4	32.59				
8 „	6°5'S. 109°48'E.	„	28.°5	32.47				
	51 M.	5	—	32.80				
		15	—	32.59				
		25	—	32.90				
		35	—	33.46				
		45	—	33.36				
9 „	6°11'S. 109°48'E.	surf.	28.°8	32.72				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
24 Febr.								
10 a.m.	6°20'S. 109°48'E.	surf.	29.1°	32.13				
	51 M.	5	—	32.60				
		15	—	32.60				
		25	—	32.63				
		35	—	33.06				
		45	—	33.08				
11 „	6°26'S. 109°47'E.	„	29.°3	31.87	N 70° E	44.6	E I	
12 noon	6°36'S. 109°46'E.	„	29.°4	32.74	„ 100° „	34.7		
	46 M.	5	—	32.92	„ 100° „	29.4		
		15	—	32.95	„ 100° „	30.—		
		25	—	33.10				
		35	—	33.04				
1 p.m.	id.	surf.	29.°6	—				
2 „	6°33'S. 109°39'E.	„	29.°2	32.60				
3 „	6°29'S. 109°31'E.	„	29.°7	32.09				
3.30 „	6°27'S. 109°27'E.	5	—	32.80				
	49 M.	15	—	32.80				
		25	—	33.28				
		35	—	33.13				
		45	—	33.31				
4 „	6°26'S. 109°25'E.	surf.	29.°8	32.43				
5 „	6°21'S. 109°15'E.	„	29.°5	32.63				
6 „	6°18'S. 109°6' E.	„	29.°2	32.46				
	46 M.	5	—	32.59				
		15	—	32.66				
		25	—	33.17				
		35	—	33.19				
7 „	6°15'S. 109°2' E.	surf.	28.°6	32.42				
8 „	6°11'Z. 108°52'E.	„	28.°7	32.20				
9 „	6°6'Z. 108°44'E.	„	28.°3	32.25				
	46 M.	5	—	32.21				
		15	—	32.65				
		25	—	32.98				
		35	—	33.12				
10 „	6°4' S. 108°38'E.	surf.	28.°1	32.43				
11 „	6°2' S. 108°29'E.	„	27.°9	32.18				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
25 Febr.								
11.30 "	4°40'S. 108°9' E.	5	—	31.56				
	• 44 M.	15	—	33.56				
		25	—	33.57				
		35	—	33.49				
12 noon	4°39'S. 108°8' E.	surf.	28.°4	30.90				
1 p.m.	4°31'S. 108°7' E.	"	28.°6	31.75				
2 "	4°23'S. 108°6' E.	"	28.°4	32.50				
	36 M.	5	—	33.21				
		15	—	33.21				
		25	—	33.24				
		35	—	33.30				
• 3 p.m.	4°23'S. 108°5' E.	surf.	28.°1	33.36				
4 "	4°23'S. 108°4' E.	"	27.°6	33.15				
	36 M.	5	—	33.21				
		15	—	33.21				
		25	—	33.35				
5 "	4°23'S. 107°58'E.	surf.	27.°7	33.13				
6 "	4°23'S. 107°50'E.	"	26.°5	33.04				
6.30 "	4°23'S. 107°47'E.	"	—	—				
		5	—	33.03				
		15	—	32.98				
		25	—	33.13				
7 "	4°23'S. 107°44'E.	surf.	27.°8	33.04				
8 "	4°23'S. 107°36'E.	"	28.°—	32.92				
8.30 "	4°23'S. 107°35'E.	5	—	32.94				
		15	—	32.94				
		25	—	32.80				
9 "	4°23'S. 107°29'E.	surf.	28.°1	32.88				
10 "	4°23'S. 107°18'E.	"	28.°1	32.62				
11 "	4°23'S. 107°7' E.	"	27.°6	32.52				
	22 M.	5	—	32.77				
		15	—	32.65				
12 m.n.	4°23'S. 107°2' E.	surf.	27.°6	32.80				
26 Febr.								
1 a.m.	4°23'S. 106°50'E.	"	—	32.74				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
26 Febr.								
1.30 a.m.	4°23'S. 106°45'E.	5	—	32.47				
		15	—	32.34				
2 "	4°27'S. 106°44'E.	surf.	28.°2	32.27				
3 "	4°37'S. 106°44'E.	"	28.°1	31.90				
4 "	4°47'S. 106°44'E.	"	28.°2	31.35				
		5	—	31.61				
		15	—	32.39				
5 "	4°53'S. 106°44'E.	surf.	28.°4	31.18				
6 "	5°1' S. 106°43'E.	"	28.°2	31.11				
	26 M.	5	—	—	N 158° E	36.6	NNW	I
		15	—	32.30	" 215° "	27.4		
7 a.m.	5°5' S. 106°43'E.	surf.	28.°2	30.64				
8 "	5°15'S. 106°43'E.	"	27.°9	—				
9 "	5°26'S. 106°42'E.	"	29.°2	—				
	28 M.	5	—	—				
		15	—	32.52				
		25	—	32.43				
10 "	5°33'S. 106°42'E.	surf.	28.°9	30.08				
11 "	5°45'S. 106°43'E.	"	29.°2	30.35				
		5	—	30.27				
		15	—	32.60				
		25	—	32.52				
		35	—	32.61				
12 noon	5°48'S. 106°44'E.	surf.	29.°4	30.43				
1 p.m.	5°56'S. 106°49'E.	"	29.°4	—				

Voyage to the fishing grounds between the North
Coast of Java and 5°30' Lat. S. and between 111° and 113° Long. E.

March 1914.								
24 March								
12 noon	5°55'S. 106°58'E.	surf.	30.°—	27.84				
1 p.m.	5°51'S. 107°7' E.	"	30.°—	30.64				
2 "	5°51'S. 107°15'E.	"	29.°9	31.64				
3 "	5°51'S. 107°24'E.	"	29.°8	31.51				
4 "	5°52'S. 107°32'E.	"	29.°6	32.66				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
24 March								
5 p.m.	5°53'S. 107°42'E.	surf.	29.°5	32.95				
6 "	5°53'S. 107°51'E.	"	29.°4	32.89				
7 "	5°55'S. 108°0' E.	"	29.°1	32.67				
8 "	5°56'S. 108°8' E.	"	29.°1	32.63				
9 "	5°57'S. 108°16'E.	"	29.°3	32.66				
10 "	5°58'S. 108°26'E.	"	29.°—	32.70				
11 "	6°0' S. 108°35'E.	"	28.°9	32.47				
12 "	6°1' S. 108°44'E.	"	28.°9	32.46				
25 March								
1 a.m.	6°3' S. 108°53'E.	"	28.°9	32.95				
2 "	6°4' S. 109°2' E.	"	28.°9	32.42				
3 "	6°5' S. 109°11'E.	"	28.°9	32.70				
4 "	6°6' S. 109°19'E.	"	28.°8	32.61				
5 "	6°7' S. 109°28'E.	"	28.°9	32.54				
6 "	6°9' S. 109°37'E.	"	28.°8	32.54				
7 "	6°10'S. 109°47'E.	"	28.°9	32.65				
8 "	6°12'S. 109°56'E.	"	29.°—	32.65				
9 "	6°11'S. 110°3' E.	"	28.°8	32.65				
10 "	6°12'S. 110°14'E.	"	29.°—	32.63				
11 "	6°12'S. 110°23'E.	"	29.°3	32.94				
12 noon	6°12'S. 110°32'E.	"	29.°9	33.27				
1 p.m.	6°13'S. 110°42'E.	"	29.°9	32.89				
2 "	6°15'S. 110°52'E.	"	29.°8	33.09				
3 "	6°16'Z. 111°0' E.	"	—	33.40				
	51 M.	5	—	33.42				
		15	—	33.40				
		25	—	33.64				
		35	—	33.64				
		45	—	33.53				
4 "	6°13'S. 111°0' E.	surf.	29.°3	33.26				
4.40 "	6°5' S. 111°2' E.	5	—	32.99				
	58 M.	15	—	33.33				
		25	—	33.48				
		35	—	33.58				
		45	—	33.55				
		55	—	33.44				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
5 p.m.	6°5' S. 111°2' E.	surf.	29.°3	32.97				
6 "	5°55'S. 111°3' E.	"	29.°—	32.60				
	55 M.	5	—	32.79				
		15	—	33.31				
		25	—	33.39				
		35	—	33.66				
		45	—	33.66				
26 March								
6 a.m.	5°55'S. 111°5' E.	surf.	28.°8	32.74				
7 "	5°57'S. 111°14'E.	"	—	32.88				
	53 M.	5	—	33.02				
		15	—	33.23				
		25	—	33.57				
		35	—	33.53				
		45	—	33.53				
8 "	5°57'S. 111°19'E.	surf.	28.°8	32.90				
8 30 "	5°57'S. 111°23'E.	"	—	32.97				
	60 M.	5	—	33.06				
		15	—	33.27				
		25	—	33.33				
		35	—	33.55				
		45	—	33.55				
		55	—	33.40				
9 "	5°57'S. 111°24'E.	surf.	28°6	33.04				
10 "	5°58'S. 111°36'E.	"	28.°7	33.21				
	62 M.	5	—	33.13				
		15	—	33.13				
		25	—	33.39				
		35	—	33.50				
		45	—	33.50				
		55	—	33.64				
11 "	6°1' S. 111°37'E.	surf.	28.°4	32.90				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
26 March								
11.30 p.m.	6°5' S. 111°37'E.	surf.	—	32.90				
	60 M.	5	—	33.24				
		15	—	33.32				
		25	—	33.55				
		35	—	33.44				
		45	—	33.44				
		55	—	33.47				
12 noon	id.	surf.	28.°6	33.42				
1 p.m.	6°7' S. 111°36'E.	„	28.°7	33.28				
	46 M.	5	—	33.12				
		15	—	33.27				
		25	—	33.40				
		35	—	33.47				
2 „	6°13'S. 111°36'E.	surf.	28.°6	33.27				
2.30 „	6°19'S. 111°36'E.	5	—	33.27				
	44 M.	15	—	33.26				
		25	—	33.33				
		35	—	33.39				
3 „	6°25'S. 111°36'E.	surf.	28.°8	33.21				
4 „	6°36'S. 111°36'E.	„	28.°7	32.97				
	38 M.	5	—	32.95				
		15	—	33.27				
		25	—	33.23				
		35	—	33.23				
5 „	6°30'S. 111°42'E.	surf.	28.°9	33.03				
6 „	6°39'S. 111°51'E.	„	29.°—	33.03				
7 „	6°41'S. 112°0' E.	„	29.°1	32.80				
7.30 „	6°42'S. 112°2' E.	„	28.°8	32.79				
	27 M.	5	—	32.85				
		15	—	32.94				
		25	—	33.10				
27 March								
6 a.m.	6°40'S. 112°2' E.	surf.	28.°7	33.03				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
27 March								
7 a.m.	6°32'S. 112°2' E. 44 M.	„ 5 15 25 35	28.°8 — — — —	32.89 32.81 32.88 33.28 33.28				
8 „	6°25'S. 112°2' E.	surf.	28.°8	32.97				
8.20 „	6°21'S. 112°2' E. 58 M.	5 15 25 35 45 55	— — — — — —	32.94 32.99 33.40 33.33 33.37 33.70				
9 „	6°19'S. 112°2' E.	surf.	28.°6	—				
10 „	6°11'S. 112°2' E.	„ 5 15 25 35 45 55	28.°5 — — — — — —	— 32.90 32.98 33.39 33.46 33.46 33.44				
11 „	6°9' S. 112°2' E.	surf.	28.°5	33.19				
12 noon	6°2' S. 112°2' E. 47 M.	„ 5 15 25 35 45 55	28.°4 — — — — — —	33.23 33.36 33.42 33.50 33.41 33.48 33.41				
1 p.m.	5°58'S. 112°7' E.	surf.	28.°7	33.40				
2 „	5°59'S. 112°17'E. 49 M.	„ 5 15 25 25 35 45	28.°8 — — — — — —	33.12 ⁵ 33.06 33.23 33.47 ⁵ 33.40 33.47 33.42				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
30 March								
2 p.m.	6°40'S 112°44'E.	surf.	28.°8	32.38				
	51 M.	5	—	32.86				
		15	—	33.13				
		25	—	33.33				
		35	—	33.40				
		45	—	33.75				
3 "	6°42'S. 112°47'E.	surf.	28.°7	30.43				
30 March								
2 p.m.	6°50'S. 112°54'E.	"	29.°9	32.38				
3 "	6°49'S. 113°1' E.	surf.	—	32.65				
	35 M.	5	—	33.03				
		15	—	33.22				
		25	—	33.40				
31 March								
7.15 a.m.	6°43'S. 113°1' E.	surf.	28.°8	32.48				
	62 M.	5	—	32.84				
		15	—	33.46				
		25	—	33.27				
		35	—	33.47				
		45	—	33.41				
		55	—	33.75				
9 "	6°35'S. 113°1' E.	surf.	28.°9	32.86				
	60 M.	5	—	32.70				
		15	—	33.30				
		25	—	33.36				
		35	—	33.42				
		45	—	33.40				
		55	—	33.36				
10.15 "	6°25'S. 113°1' E.	surf.	28.°9	32.74				
	64 M.	5	—	32.71				
		15	—	33.27				
		25	—	33.24				
		35	—	33.24				
		45	—	33.32				
		55	—	33.31				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
31 March								
12 noon	6°15'S. 113°8' E.	surf.	29.°5	33.04				
	69 M.	5	—	33.04				
		15	—	33.04				
		25	—	33.31				
		35	—	33.44				
		45	—	33.31				
		55	—	33.31				
		65	—	33.33				
1 p.m.	6°10'S. 113°8' E.	surf.	30.°2	33.08				
1.30 "	6°6' S. 113°8' E.	"	29.°9	33.49?				
	71 M.	5	—	32.99				
		15	—	33.12				
		25	—	33.24				
		35	—	33.24				
		45	—	33.24				
		55	—	33.08				
		65	—	33.21				
3 "	5°56'S. 113°8' E.	surf.	29.°6	32.66				
	82 M.	5	—	32.65				
		15	—	32.83				
		25	—	32.95				
		35	—	32.95				
		45	—	33.04				
		55	—	33.08				
		65	—	33.08				
4 "	5°57'S. 113°12'E.	surf.	29.°8	32.57				
5 "	5°57'S. 113°20'E.	"	29.°4	32.32				
6 "	5°57'S. 113°28'E.	"	29.°6	32.39				
		5	—	32.39				
		15	—	32.65				
		25	—	32.92				
		35	—	32.98				
		45	—	33.04				
		55	—	33.09				
		65	—	33.21				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
April 1914.								
1 April								
7 a.m.	6°7' S. 113°30'E. 77 M.	surf.	28.°9	32.59				
		5	—	32.59				
		15	—	32.98				
		25	—	33.12				
		35	—	33.12				
		45	—	33.08				
		55	—	33.10				
		65	—	33.44				
		75	—	34.31				
9 „	6°17'S. 113°30'E. 82 M.	surf.	29.°2	32.56				
		5	—	32.72				
		15	—	32.79				
		25	—	33.04				
		35	—	33.04				
		45	—	33.19				
		55	—	33.19				
		65	—	33.44				
		75	—	34.34				
10.30 „	6°24'S. 113°32'E. 77 M.	surf.	29.°6	32.85				
		5	—	32.59				
		15	—	33.04				
		25	—	33.32				
		35	—	33.32				
		45	—	33.26				
		55	—	33.26				
		65	—	33.57				
12 noon	6°31'S. 113°31'E.	surf.	30.°7	32.84				
1.15 p.m.	6°32'S. 113°31'E. 58 M.	5	30.°7	32.75				
		15	—	33.21				
		25	—	33.39				
		35	—	33.41				
		45	—	33.39				
		55	—	33.48				
1 „	id.	surf.	30.°6	32.56				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
1 April								
1.45 p.m.	6°40'S. 113°31'E. 55 M.	surf. 5 15 25 35 45	30.°6 — — — — —	32.81 32.59 33.51 33.39 33.35 33.48				
3 "	6°48'S. 113°31'E.	surf. 5 15 25 35	30.°— — — — —	32.65 32.56 32.43 33.70 33.33				
2 April								
9 a.m.	6°30'S. 113°20'E.	surf.	29.°2	—				
10 "	6°22'S. 113°15'E.	"	29.°2	—				
11 "	6°14'S. 113°9' E.	"	29.°2	—				
12 noon	6°9' S. 113°6' E.	"	29.°4	—				
3 April								
9 a.m.	6°2' S. 112°50'E. 69 M.	" 5 15 25 35 45 55 65	29.°3 — — — — — — —	33.08 32.89 33.12 33.15 33.18 33.18 33.15 33.12				
10.30 "	6°8' S. 112°49'E.	surf. 5 15 25 35 45 55	29.°1 — — — — — —	33.01 33.39 33.12 33.12 33.18 33.18 33.18				
11 "	6°8' S. 112°47'E.	surf.	29.°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS	
					Direction	Velocity in cm. p. sec.			
3 April 12 noon	6°8' S. 112°40'E.	surf.	29.°5	33.03					
		5	—	33.04					
		15	—	33.21					
		25	—	33.21					
		35	—	33.28					
		45	—	33.28					
		55	—	33.31					
	1.15 p.m.	6°1' S. 112°39'E.	surf.	29.°8	32.88				
			5	—	32.88				
			15	—	33.13				
			25	—	33.21				
			35	—	33.21				
			45	—	33.21				
			55	—	33.24				
2.30 „	5°54'S. 112°38'E.	surf.	29.°5	32.97					
		5	—	32.72					
		15	—	33.51?					
		25	—	33.42?					
		35	—	33.09					
		45	—	33.10					
6 April 7 a.m.	5°53'S. 112°29'E. 73 M.	surf.	29.°—	31.69					
		5	—	32.65					
		15	—	32.89					
		25	—	33.03					
		35	—	33.10					
		45	—	33.13					
		55	—	33.19					
		65	—	33.13					
8 „	5°53'S. 112°24'E.	surf.	29.°1	32.56					

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm p. sec.		
6 April								
8.30 a.m.	5°55'S. 112°17'E. 71 M.	surf. 5 15 25 35 45 55	29.°1 — — — — —	32.63 32.61 33.01 32.98 33.09 33.09 33.13				
10 „	5°45'S. 112°17'E. 58 M.	surf. 5 15 25 35 45 55	29.°3 — — — — —	32.75 32.72 32.94 33.03 33.08 33.13 33.30				
11.30 „	5°46'S. 112°23'E. 69 M.	surf. 5 15 25 35 45 55	29.°3 — — — — —	32.57 32.56 32.92 32.98 33.04 33.04 33.09				
12 noon	id.	surf.	—	—				
1 p.m.	5°36'S. 112°25'E.	„ 5 15 25 35 45 55 65	29.°8 — — — — — —	32.74 32.56 32.75 33.03 33.12 33.03 33.10 33.17				
2 „	5°33'S. 112°29'E.	surf.	29.°9	32.72				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
6 April								
2.30 p.m.	5°34'S. 112°33'E.	5	—	32.74				
		15	—	32.79				
		25	—	32.85				
		35	—	33.06				
		45	—	33.03				
		55	—	32.95				
		65	—	33.22				
3 "	id.	surf.	29.°9	32.61				
4 "	5°40'S. 112°33'E.	"	—	32.56				
		5	—	32.59				
		15	—	32.54				
		25	—	32.94				
		35	—	32.98				
		45	—	33.03				
		55	—	33.08				
		65	—	33.15				
7 April								
7 a.m.	5°40'S. 112°40'E.	surf.	28.°9	32.72				
7.45 "	5°33'S. 112°41'E.	"	29.°2	32.61				
9.15 "	5°29'S. 112°43'E.	"	29.°3	32.57				
	73 M.	5	—	32.52				
		15	—	32.60				
		25	—	32.80				
		35	—	32.89				
		45	—	32.80				
		55	—	32.88				
		65	—	32.92				
10 "	id.	surf.	29.°4	—				
11 "	5°30'S. 112°50'E.	"	29.°7	32.39				
	75 M.	5	—	32.50				
		15	—	32.65				
		25	—	32.74				
		35	—	32.80				
		45	—	32.85				
		55	—	32.89				
		65	—	33.04				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
7 April								
12 noon	5°31'S. 112°56'E.	surf.	30.°2	—				
0.15 p.m.	5°32'S. 112°57'E.	"	—	32.07				
	73 M.	5	—	32.39				
		15	—	32.84				
		25	—	32.80				
		35	—	32.92				
		45	—	32.89				
		55	—	32.98				
		65	—	33.04				
1 "	5°35'S. 112°57'E.	surf.	31.°3	32.56				
1.45 "	5°43'S. 112°57'E.	"	31.°1	32.57				
	75 M.	5	—	32.52				
		15	—	32.57				
		25	—	32.83				
		35	—	33.03				
		45	—	33.23				
		55	—	33.42				
		65	—	33.30				
3 "	5°42'S. 112°52'E.	surf.	31.°1	—				
4 "	5°41'S. 112°43'E.	"	30.°3	—				
5 "	5°38'S. 112°36'E.	"	30.°3	—				
8 April								
6 a.m.	5°38'S. 112°29'E.	surf.	29.°1	—				
7 "	5°38'S. 112°19'E.	"	29.°	—				
8 "	5°38'S. 112°9' E.	"	28.°9	—				
10 "	5°38'S. 111°59'E.	"	28.°7	—				
11 "	5°38'S. 111°50'E.	"	28.°7	—				
12 noon	5°36'S. 111°40'E.	"	28.°7	—				
1 p.m.	5°36'S. 111°39'E.	"	28.°8	—				
2 "	5°38'S. 111°30'E.	"	28.°7	—				
3 "	5°39'S. 111°20'E.	"	29.°1	—				
4 "	5°40'S. 111°11'E.	"	28.°9	—				
5 "	5°42'S. 111°0' E.	"	28.°7	—				
6 "	5°42'S. 110°48'E.	"	28.°7	—				
7 "	5°40'S. 110°38'E.	"	28.°9	—				
8 "	5°40'S. 110°30'E.	"	28.°7	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 April								
9 p.m.	5°40'S. 110°19'E.	surf.	28.°7	—				
10 "	5°40'S. 110°8' E.	"	28.°7	—				
11 "	5°40'S. 109°58'E.	"	28.°4	—				
12 m.n.	5°40'S. 109°48'E.	"	28.°7	—				
9 April								
1 a.m.	5°40'S. 109°38'E.	"	28.°7	—				
2 "	5°40'S. 109°28'E.	"	28.7°	—				
3 "	5°40'S. 109°19'E.	"	28.°8	—				
4 "	5°40'S. 109°9' E.	"	28.°7	—				
5 "	5°40'S. 108°59'E.	"	28.°9	—				
6 "	5°40'S. 108°49'E.	"	28.°9	—				
7 "	5°40'S. 108°39'E.	"	28.°6	—				
8 "	5°41'S. 108°32'E.	"	28.°6	—				
9 "	5°43'S. 108°20'E.	"	29.°—	—				
10 "	5°44'S. 108°10'E.	"	29.°8	—				
11 "	5°46'S. 108°0' E.	"	29.°5	—				
12 noon	5°46'S. 107°48'E.	"	29.°2	—				
1 p.m.	5°46'S. 107°39'E.	"	29.°2	—				

Seasonal Cruise May 1914.

6 May.								
12 noon	5°53'S. 106°48'E.	surf.	29.°7	—				
1 p.m.	5°46'S. 106°45'E.	"	29.°9	32.27				
1.15 "	5°43'S. 106°44'E.	5	—	32.38	—	0	W 4	
	49 M.	15	—	32.19	—	0		
		25	—	32.70	N 270° E	3.1		
		35	—	32.98	" 207° "	6.9		
		45	—	33.09	" 110° "	7.9		
5 "	5°33'S. 106°44'E.	surf.	30.°—	32.56				
6 "	5°24'S. 106°44'E.	"	29.°9	32.51				
	31 M.	5	—	32.43				
		15	—	32.47				
		25	—	32.94				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
6 May								
7 p.m.	5°18'S. 106°45'E.	surf.	29.°8	32.34				
8 "	5°16'S. 106°45'E.	"	29.°7	32.43				
	22 M.	5	—	32.39				
		15	—	32.41				
9 "	5°4' S. 106°45'E.	surf.	29.°9	32.47				
9.30 "	5°0' S. 106°45'E.	"	29.°8	32.31?			Calm.	
	22 M.	5	—	31.81	N 88° E	37.5		
		15	—	31.92	" 318° "	28.8		
11 "	4°55'S. 106°45'E.	surf.	29.°5	31.85				
12 m.n.	4°46'S. 106°45'E.	"	29.°4	32.13				
	26 M.	5	—	32.34				
		15	—	32.45				
7 May								
1 a.m.	4°40'S. 106°45'E.	surf.	29.°7	32.42				
2 "	4°31'S. 106°45'E.	"	29.°7	32.10				
	24 M.	5	—	32.38				
		15	—	32.31				
3 "	4°24'S. 106°45'E.	surf.	29.°8	32.21				
4 "	4°16'S. 106°45'E.	"	29.°7	31.17				
	24 M.	5	—	31.38				
		15	—	32.74				
5 "	4°10'S. 106°45'E.	surf.	29.°7	30.19				
6 "	4°2' S. 106°45'E.	"	29.°4	30.73				
	24 M.	5	—	31.90	N 111° E	59.3	SW 3	
		15	—	32.90	" 150° "	37.5		
9 "	4°0' S. 106°47'E.	surf.	29.°7	—				
10 "	4°0' S. 106°56'E.	"	29.°6	31.70				
11 "	4°0' S. 107°6' E.	"	29.°1	31.85				
	22 M.	5	—	32.09				
		15	—	32.86				
12 noon	4°0' S. 107°12'E.	surf.	29.°7	31.89				
1 p.m.	4°0' S. 107°21'E.	"	29.°	32.01				
	22 M.	5	—	32.29				
		15	—	33.23				
2 "	4°0' S. 107°28'E.	surf.	30.°6	31.55				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
7 May								
3 p.m.	4°0' S. 107°36'E.	surf.	31.°—	31.84				
	35 M.	5	—	32.19				
		15	—	33.27				
		25	—	33.33				
4 "	4°0' S. 107°40'E.	surf.	32.°1	—				
5 "	4°0' S. 107°49'E.	"	31.°4	32.09				
6 "	4°0' S. 107°59'E.	"	30.°1	32.43				
	31 M.	5	—	32.79				
		15	—	33.24				
		25	—	33.30				
7 "	3°58'S. 108°6' E.	surf.	30.°1	33.23				
8 "	4°0' S. 108°15'E.	"	30.°1	33.23				
8.30 "	id.	"	—	33.13				
	36 M.	5	—	33.24				Calm.
		15	—	33.23	N 280° E	2.3		
		25	—	33.23	" 270° "	16.1		
		35	—	33.27				
9 "	id.	surf.	30.°1	—				
10 "	4°5' S. 108°15'E.	"	29.°7	33.15				
11 "	4°13'S. 108°15'E.	"	29.°9	33.30				
	35 M.	5	—	33.31				
		15	—	33.27				
		25	—	33.40				
12 m.n.	4°19'S. 108°15'E.	surf.	29.°8	33.26				
8 May								
1 a.m.	4°28'S. 108°15'E.	"	29.°8	32.12				
1.30 "	4°32'S. 108°15'E.	5	—	33.10				
	38 M.	15	—	33.13				
		25	—	33.31				
		35	—	33.37				
2 "	4°38'S. 108°15'E.	surf.	29.°7	33.23				
3 "	4°41'S. 108°15'E.	"	29.°6	32.89				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 May								
4 a.m.	4°49'S. 108°15'E.	surf.	29.°6	32.99				
	38 M.	5	—	33.04				
		15	—	32.97				
		25	—	33.06				
		35	—	33.10				
5 "	4°54'S. 108°15'E.	surf.	29.°6	—				
6 "	5°2' S. 108°15'E.	"	29.°6	33.21?			ESE 1	
	38 M.	5	—	33.03	N 108° E			
		15	—	32.99	" 107° "			
		25	—	33.03	" 120° "			
		35	—	33.03	" 150° "			
9 "	5°5' S. 108°15'E.	surf.	29.°7	—				
10 "	5°13'S. 108°15'E.	"	29.°7	33.03				
11 "	5°20'S. 108°15'E.	"	29.°8	32.81				
	47 M.	5	—	32.90				
		15	—	32.84				
		25	—	33.13				
		35	—	33.21				
		45	—	33.22				
12 noon	5°25'S. 108°15'E.	surf.	29.°4	32.88				
1 p.m.	5°33'S. 108°15'E.	"	29.°7	32.63				
1.30 "	5°37'S. 108°15'E.	"	—	32.72				
	49 M.	5	—	32.54				
		15	—	32.60				
		25	—	32.77				
		35	—	33.03				
		45	—	32.95				
5 "	5°43'S. 108°17'E.		29.°1	32.65				
6 "	5°50'S. 108°17'E.	surf.	29.°4	32.75				
	49 M.	5	—	32.66				
		15	—	32.66				
		25	—	32.74				
		35	—	32.95				
		45	—	33.04				
7 "	5°53'S. 108°17'E.	surf.	29.°6	32.70				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 May								
8 p.m.	6°0'S. 108°17'E.	„	29.°6	32.37				
	35 M.	5	—	32.54				
		15	—	32.77				
		25	—	32.89				
9 „	6°0' S. 108°9' E.	surf.	29.°8	32.59				
10 „	6°1' S. 108°0' E.	„	29.°5	32.25				
11 „	5°57'S. 107°52'E.	„	29.°6	32.46				
12 m.n.	5°54'S. 107°44'E.	„	29.°5	32.42				
9 May								
1 a.m.	5°50'S. 107°35'E.	„	29.°5	32.42				
1.40 „	5°46'S. 107°30'E.	„	29.°3	32.50				
	42 M.	5	—	32.32				
		15	—	32.38				
		25	—	32.89				
		35	—	32.94				
3 „	5°39'S. 107°30'E.	surf.	29.°3	32.31				
4 „	5°30'S. 107°30'E.	„	29.°4	32.41				
	44 M.	5	—	32.38				
		15	—	32.48				
		25	—	32.52				
		35	—	33.03				
5 „	5°24'S. 107°30'E.	surf.	29.°4	32.56				
6 „	5°16'S. 107°30'E.	„	29.°5	32.52				
	42 M.	5	—	32.59				
		15	—	32.63				
		25	—	32.63				
		35	—	32.89				
7 „	5°10'S. 107°30'E.	surf.	29.°6	32.42				
8 „	5°2' S. 107°32'E.	„	29.°6	32.42				
	36 M.	5	—	32.45				
		15	—	32.45				
		25	—	32.98				
9 „	4°52'S. 107°32'E.	surf.	30.°—	—				
10 „	4°55'S. 107°32'E.	„	30.°—	32.48				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour.	Reckoning and depth.	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 May								
11 a.m.	4°47'S. 107°32'E.	surf.	30.°2	32.48				
	37 M.	5	—	32.54				
		15	—	32.51				
		25	—	33.09				
12 noon	4°41'S. 107°32'E.	surf.	30.°1	32.52				
1 p.m.	4°33'S. 107°32'E.	"	30.°5	32.56				
	35 M.	5	—	32.37				
		15	—	32.56				
		25	—	33.10				
2 "	4°26'S. 107°32'E.	surf.	30.°9	32.34				
3 "	4°18'S. 107°32'E.	"	31.°2	32.30				
3 30 "	4°14'S. 107°32'E.	5	—	32.13				
		15	—	33.07				
		25	—	33.07				
4 "	4°13'S. 107.°34'E	surf.	30.°4	32.—				
5 "	4°11'S. 107°43'E.	"	30.°1	31.83				
6 "	4°10'S. 107°51'E.	"	30.—	32.12				
	36 M.	5	—	32.09				
		15	—	33.19				
		25	—	33.15				
7 "	4°9' S. 107°57'E.	surf.	29.°9	32.25				
8 "	4°9' S. 108°6' E.	"	29.°7	32.42				
	35 M.	5	—	32.65				
		15	—	33.23				
		25	—	33.23				
9 "	4°8' S. 108°12'E.	surf.	29.°8	32.85				
10 "	4°7' S. 108°21'E.	"	29.°7	33.21				
	38 M.	5	—	33.13				
		15	—	33.18				
		25	—	33.31				
		35	—	33.37				
11 "	4°7' E. 108°26'E.	surf.	29.°8	33.57				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 May								
12 m.n.	4°7' S. 108°36'E.	surf.	29.°9	32.95				
	40 M.	5	—	33.18				
		15	—	33.18				
		25	—	33.37				
		35	—	33.44				
1 a.m.	4°4' S. 108°43'E.	surf.	29.°3	33.32				
2 "	4°3' S. 108°52'E.	"	29.°2	33.48				
	40 M.	5	—	33.36				
		15	—	33.33				
		25	—	33.39				
		35	—	33.40				
3 "	4°2' S. 108°58'E.	surf.	29.°3	33.33				
4.30 "	4°2' S. 109°13'E.	"	—	33.51			E 1	
	44 M.	5	—	33.36	N 134° E	45.—		
		15	—	33.37	" 130° "	44.3		
		25	—	33.46	" 126° "	37.5		
		35	—	33.46	" 129° "	32.1		
6 "	id.	surf.	29.°5	—				
8 "	4°7' S. 109°13'E.	"	29.°5	33.39				
9.30 "	4°19'S. 109°13'E.	"	29.°7	33.40				
	47 M.	5	—	33.37				
		15	—	33.44				
		25	—	33.48				
		35	—	33.44				
		45	—	33.44				
11 "	4°31'S. 109°13'E.	surf.	29.°9	33.21				
12 noon	4°41'S. 109°13'E.	"	29.°8	33.10				
	51 M.	5	—	33.10				
		15	—	33.03				
		25	—	33.23				
		35	—	33.37				
		45	—	33.37				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 May								
2 p.m.	4°56'S. 109°13'E. 53 M.	surf. 5 15 25 35 45	30.° — — — — —	33.06 33.06 33.10 33.50 33.50 33.50				
					N 300° E " 280° " " 322° " " 276° " " 272° "	3.9 10.6 9.6 17.5 16.1		
4 "	id.	surf.	30.°2	—				
5 "	5°4' S. 109°13'E.	"	30.°2	33.03				
6 "	5°13'S. 109°13'E. 55 M.	" 5 15 25 35 45	30.° — — — — —	33.13 32.86 32.88 33.30 33.33 33.33				
7 "	5°18'S. 109°13'E.	surf.	30.°1	32.72				
8 "	5°28'S. 109°13'E. 51 M.	" 5 15 25 35 45	30.° — — — — —	32.97 32.89 32.80 33.15 33.19 33.27				
9 "	5°34'S. 109°13'E.	surf.	29.°9	32.89				
10 "	5°44'S. 109°13'E.	" 5 15 25 35 45	29.°7 — — — — —	32.83 32.75 32.80 33.04 33.37 33.33				
11 "	5°50'S. 109°13'E.	surf.	29.°5	32.85				
12 m.n.	5°58'S. 109°13'E.	"	29.°9	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 May								
0.20 a.m.	6°2' S. 109°13'E.	surf.	—	32.80			E 1	
	55 M.	5	—	32.80	N 95° E	34.8		
		15	—	32.80	„ 99° „	40.2		
		25	—	32.80	„ 85° „	34.8		
		35	—	33.13	„ 101° „	33.4		
		45	—	33.06	„ 100° „	32.1		
1 „	id.	surf.	29.°4	—				
2 „	id.	„	29.°5	—				
3 „	6°11'S. 109°13'E.	„	29.°3	32.94				
4 „	6°20'S. 109°13'E.	„	—	32.65				
	51 M.	5	—	32.65				
		15	—	32.74				
		25	—	32.84				
		35	—	33.13				
		45	—	33.21				
5 „	6°26'S. 109°13'E.	surf.	29.°—	33.73?				
6 „	6°31'S. 109°20'E.	„	29.°1	33.04				
	40 M.	5	—	32.85				
		15	—	32.85				
		25	—	33.29				
		35	—	33.18				
9 „	6°34'S. 109°25'E.	surf.	29.°7	32.72				
10 „	6°36'S. 109°33'E.	„	29.°6	32.54				
	33 M.	5	—	32.45				
		15	—	32.48				
		25	—	32.56				
11 „	6°39'S. 109°38'E.	surf.	28.°7	32.33				
12 noon	6°45'S. 109°46'E.	„	29.°4	32.43				
0.30 p.m.	6°46'S. 109°51'E.	5	—	32.47				
	33 M.	15	—	32.56				
		25	—	33.09				
1 „	6°46'S. 109°54'E.	surf.	29.°9	—				
2 „	6°42'S. 110°3' E.	„	29.°7	31.89				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 May								
3 p.m.	6°39'S. 110°11'E.	surf.	29.°5	32.29				
	42 M.	5	—	32.39				
		15	—	32.56				
		25	—	33.04				
		35	—	33.31				
4 "	6°33'S. 110°15'E.	surf.	29.°5	32.46				
5 "	6°24'S. 110°15'E.	"	29.°1	32.52				
	49 M.	5	—	32.56				
		15	—	32.63				
		25	—	32.66				
		35	—	33.27				
		45	—	33.17				
6 "	6°19'S. 110°15'E.	surf.	29.°2	32.19				
7 "	6°12'S. 110°21'E.	"	29.°3	32.39				
	49 M.	5	—	32.42				
		15	—	32.49				
		25	—	33.06				
		35	—	33.10				
		45	—	33.10				
8 "	6°9' S. 110°26'E.	surf.	29.°4	—				
	47 M.	5	—	—	N 40° E	6.2		
		15	—	—	" 350° "	11.—		
		25	—	—	" 300° "	7.6		
		35	—	—	" 157° "	6.9		
		45	—	—	" 110° "	8.6		
12 May								
9 a.m.	5°46'S. 110°17'E.	surf.	29.°—	32.59				
10 "	5°38'S. 110°17'E.	"	29.°1	32.52				
	58 M.	5	—	32.65				
		15	—	32.61				
		25	—	32.74				
		35	—	32.99				
		45	—	33.06				
11 "	5°35'S. 110°18'E.	surf.	29.°2	32.60				
12 noon	5°27'S. 110°18'E.	"	29.°3	32.43				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
12 May								
1 p.m.	5°19'S. 110°18'E.	surf.	29.°5	32.57				
1.30 "	5°16'S. 110°18'E.	5	—	32.65				
	66 M.	15	—	32.74				
		25	—	32.74				
		35	—	33.08				
		45	—	33.08				
		55	—	33.01				
2 "	5°15'S. 110°18'E.	surf.	29.°7	32.65				
3 "	5°8' S. 110°18'E.	"	29.°7	32.61				
3.30 "	5°4' S. 110°18'E.	5	—	32.85				
	64 M.	15	—	32.99				
		25	—	33.30				
		35	—	33.21				
		45	—	33.13				
		55	—	33.19				
4 "	5°4' S. 110°18'E.	surf.	29.°5	—				
5 "	4°56'S. 110°18'E.	"	—	33.50				
	62 M.	5	—	—	N 0° E	24.6	Calm.	
		15	—	—	" 337° "	16.4		
		25	—	—	" 284° "	16.8		
		35	—	—	" 262° "	13.4		
		45	—	—	" 235° "	5.6		
		55	—	—	" 193° "	6.9		
7 "	id,	surf.	29.°1	—				
8 "	4°52'S. 110°18'E.	"	29.°2	33.57				
	58 M.	5	—	33.26				
		15	—	33.19				
		25	—	33.39				
		35	—	33.23				
		45	—	33.27				
		55	—	33.23				
9 "	4°47'S. 110°18'E.	surf.	29.°—	33.36				
10 "	4°38'S. 110°18'E.	"	29.°1	33.18				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
12 May								
10.30 p.m.	4°33'S. 110°18'E.	5	—	33.12				
	46 M.	15	—	33.03				
		25	—	33.06				
		35	—	32.99				
		45	—	33.06				
11 "	4°32'S. 110°18'E.	surf.	29.°2	33.13				
12 m.n.	4°23'S. 110°18'E.	"	29.°2	32.98				
13 May								
1 a.m.	4°14'S. 110°18'E.	"	29.°1	32.83				
	44 M.	5	—	32.63				
		15	—	32.70				
		25	—	32.83				
		35	—	32.89				
2 "	4°9' S. 110°18'E.	surf.	29.°3	32.83				
3 "	4°1' S. 110°18'E.	"	29.°3	32.72			NE 6 E 1	
	42 M.	5	—	32.63	N 194° E	99.7		
		15	—	32.57	" 92° "	71.5		
		25	—	32.63	" 86° "	63.4		
		35	—	32.57	" 94° "	55.2		
6 "	4°1' S. 110°26'E.	surf.	29.°2	32.97				
7 "	4°1' S. 110°35'E.	"	29.°3	32.48				
	42 M.	5	—	32.51				
		15	—	32.45				
		35	—	32.48				
		25	—	32.57				
8 "	4°1' S. 110°35'E.	surf.	29.°5	—				
	40 M.	5	—	—	N 85° E	33.4	ENE 2	
		15	—	—	" 80° "	26.6		
		25	—	—	" 80° "	17.8		
		35	—	—	" 75° "	6.9		
10 "	4°1' S. 110°42'E.	surf.	29.°3	—				
11 "	4°1' S. 110°49'E.	"	29.°3	32.85				
		5	—	32.48				
		15	—	32.56				
		25	—	32.56				
		35	—	32.56				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
13 May								
12 noon	4°2' S. 110°55' E.	surf.	29.°4	32.39				
1 p.m.	4°2' Z. 111°2' O.	"	29.°3	32.03				
	33 M.	5	—	32.10				
		15	—	32.56				
		25	—	32.61				
2 "	4°2' S. 111°8' E.	surf.	—	32.07				
3 "	4°2' S. 111°16' E.	"	29.°6	32.21			NE6 E2	
	35 M.	5	—	32.23	N 264° E	34.8		
		15	—	32.56	" 285° "	36.2		
		25	—	32.71	" 274° "	40.2		
5 "	4°5' S. 111°16' E.	surf.	29.°4	32.05				
6 "	4°13' S. 111°16' E.	"	29.°2	32.41				
	57 M.	5	—	32.41				
		15	—	32.41				
		25	—	32.54				
		35	—	32.72				
		45	—	32.79				
7 "	4°21' S. 111°16' E.	surf.	29.°2	32.51				
8 "	4°30' S. 111°16' E.	"	29.°3	—				
8.30 "	4°33' S. 111°16' E.	5	—	32.59				
	58 M.	15	—	32.69				
		25	—	32.75				
		35	—	32.95				
		45	—	32.95				
		55	—	32.95				
9 "	4°35' S. 111°16' E.	surf.	—	32.54				
10 "	4°43' S. 111°16' E.	"	29.°4	32.53				
11 "	4°51' S. 111°16' E.	"	29.°3	32.64				
	66 M.	5	—	32.60				
		15	—	32.65				
		25	—	32.72				
		35	—	32.79				
		45	—	32.93				
		55	—	32.90				
12 m.n.	4°56' S. 111°16' E.	surf.	29.°4	32.68				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
14 May								
0.30 a.m.	5°0' S. 111°16'E.	5	—	32.70	N 86° E	28.—	E 1	
	62 M.	15	—	32.71	" 90° "	35.5		
		25	—	32.94	" 90° "	53.7		
		35	—	32.95	" 100° "	47.—		
		45	—	33.03	" 95° "	47.—		
		55	—	33.—	" 96° "	38.1		
2 "	id.	surf.	29.°2	32.80				
3 "	id.	"	29.°1	32.79				
4 "	5°9' S. 111°16'E.	"	29.°3	32.98				
4.30 "	5°13' S. 111°16'E.	5	—	32.94				
	58 M.	15	—	32.80				
		25	—	33.03				
		35	—	33.12				
		45	—	33.27				
		55	—	33.13				
5 "	5°14' S. 111°16'E.	surf.	29.°4	33.01				
6 "	5°23' S. 111°16'E.	"	29.°3	32.90				
7 "	5°23' S. 111°16'E.	"	29.°3	32.88				
7.30 "	5°36' S. 111°16'O.	5	—	32.94				
	69 M.	15	—	32.79				
		25	—	32.88				
		35	—	33.10				
		45	—	33.10				
		55	—	33.10				
		65	—	33.13				
9 "	5°42' S. 111°16'O.	surf.	29.°4	32.85				
10 "	5°48' S. 111°16'O.	"	29.°6	32.80				
11 "	5°55' S. 111°16'O.	"	29.°4	32.80				
	58 M.	5	—	32.85				
		15	—	32.89				
		25	—	32.98				
		35	—	33.03				
		45	—	33.16				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
14 May								
12 noon	6°0' S. 111°16'E.	surf.	29.°2	32.94				
		5	—	—	N 155° E	10.3		
		15	—	—	" 165° "	5.9		
		25	—	—	" 330° "	5.5		
		35	—	—	" 262° "	20.5		
		45	—	—	" 264° "	21.5		
2 p.m.	6°8' S. 111°16'E.	surf.	29.°1	33.06			Calm.	
	51 M.	5	—	32.96				
		15	—	32.89				
		25	—	33.12				
		35	—	33.16				
		45	—	—				
4 "	6°12'S. 111°16'E.	surf.	29.°6	32.67				
5 "	6°19'S. 111°24'E.	"	29.°4	32.59				
	44 M.	5	—	32.71				
		15	—	32.94				
		25	—	33.12				
		35	—	32.95				
6 "	6°23'S. 111°33'E.	surf.	29.°4	32.59				
7 "	6°26'S. 111°40'E.	"	29.°4	32.65				
		5	—	32.56				
		15	—	32.70				
		25	—	33.08				
		35	—	33.12				
8 "	6°29'S. 111°47'E.	surf.	29.°4	32.51				
9 "	6°31'S. 111°55'E.	"	29.°6	32.56				
		5	—	32.56				
		15	—	32.56				
		25	—	32.54				
		35	—	33.13				
10 "	6°33'S. 112°2' E.	surf.	29.°7	32.46				
11 "	6°36'S. 112°16'E.	"	29.°6	32.39				
		5	—	32.31				
		15	—	32.75				
		25	—	33.01				
		35	—	33.20				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
15 May								
12 m.n.	6°38'S. 112°22'E.	surf.	29.°6	32.94				
1 a.m.	6°44'S. 112°28'E.	"	29.°3	33.03				
2 "	6°45'S. 112°32'E.	"	—	33.03				
3 "	6°37'S. 112°32'E.	"	28.°7	33.43?				
		5	—	33.03				
		15	—	32.97				
		25	—	32.94				
		35	—	33.30				
4 "	6°29'S. 112°32'E.	surf.	29.°2	33.43?			W 6 N 2	
4.30 "	6°25'S. 112°32'E.	5	—	33.05	N 107° E	71.5		
	60 M.	15	—	33.09	" 110° "	53.8		
		25	—	33.12	" 84° "	22.6		
		35	—	33.09	" 72° "	24.6		
		45	—	33.09	" 88° "	23.9		
		55	—	33.04	" 145° "	11.7		
5 "	6°25'S. 112°32'E.	surf.	29.°4	32.85				
8 "	6°20'S. 112°32'E.	"	29.°4	32.85				
9 "	6°10'S. 112°32'E.	"	29.°5	32.63				
	71 M.	5	—	32.62				
		15	—	32.80				
		25	—	32.89				
		35	—	32.78				
		45	—	33.12				
		55	—	33.12				
10 "	6°5' S. 112°32'E.	surf.	29.°6	32.49				
11 "	5°57'S. 112°32'E.	"	29.°5	31.99				
18 May								
8 a.m.	5°44'S. 112°32'E.	"	29.°4	33.24				
9 "	5°37'S. 112°32'E.	"	29.°3	32.93				
	73 M.	5	—	32.96				
		15	—	32.83				
		25	—	32.89				
		35	—	33.03				
		45	—	33.03				
		55	—	33.09				
		65	—	33.39				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
18 May								
2 p.m.	5°26'S. 112°32'E.	surf.	30.°—	32.69				
3 "	5°16'S. 112°32'E.	"	29.°9	32.69				
	69 M.	5	—	32.65				
		15	—	32.57				
		25	—	32.57				
		35	—	33.03				
		45	—	33.06				
		55	—	32.97				
		65	—	33.09				
4 "	5°11'S. 112°32'E.	surf.	30.°—	32.38				
5 "	5°1' S. 112°32'E.	"	29.°8	32.62				
	64 M.	5	—	32.60	N 225° E	6.2	NW 6	
		15	—	32.54	" 200° "	15.8	W 2	
		25	—	32.74	" 146° "	19.2		
		35	—	32.76	" 111° "	27.3		
		45	—	32.83	" 138° "	17.1		
		55	—	32.94				
7 "	id.	surf.	29.°5	—				
8 "	4°58'S. 112°32'E.	"	29.°6	32.80				
9 "	4°49'S. 112°32'E.	"	29.°6	32.59				
10 "	4°40'S. 112°32'E.	"	29.°6	32.70				
	55 M.	5	—	32.56				
		15	—	32.67				
		25	—	32.72				
		35	—	32.79				
		45	—	32.74				
11 "	4°34'S. 112°32'E.	surf.	29.°7	32.56				
12 m.n.	4°26'S. 112°32'E.	"	29.°5	32.49				
	44 M.	5	—	32.27				
		15	—	32.43				
		25	—	32.46				
		35	—	32.52				
19 May								
1 a.m.	4°19'S. 112°32'E.	surf.	29.°3	32.31				
2 "	4°10'S. 112°32'E.	"	29.°3	32.05				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
19 May								
2.30 a.m.	4°5' S. 112°32'E.	5	—	32.03				
	• 36 M.	15	—	31.91				
		25	—	32.27				
		35	—	32.22				
3 "	id.	surf.	29.°4	31.99				
	3°58'S. 112°32'E.	"	29.°4	31.96				
	35 M.	5	—	31.96	N 88° E	14.1	WNW I	
	•	15	—	31.90	" 93° "	14.7		
4 "		25	—	32.—	" 160° "	12.—		
20 May								
9 a.m.	4°2' S. 112°51'E.	surf.	29.°3	31.82				
10 "	4°3' S. 112°58'E.	"	29.°3	31.89				
	33 M.	5	—	31.88				
		15	—	31.93				
		25	—	32.06				
11 "	4°5' S. 113°4' E.	surf.	29.°2	31.46				
12 noon	4°11'S. 113°12'E.	"	29.°4	31.38				
	33 M.	5	—	31.28				
		15	—	31.46				
		25	—	31.46				
1 p.m.	4°12'S. 113°19'E.	surf.	29.°6	31.46				
2 "	4°15'S. 113°26'E.	"	29.°6	—				
	29 M.	5	—	31.35				
		15	—	31.47				
		25	—	31.52				
3 "	4°16'S. 113°35'E.	surf.	29.°5	31.36				
4 "	4°18'S. 113°44'E.	"	29.°4	31.44				
	22 M.	5	—	31.36	N 141° E	14.4	Calm.	
		15	—	31.22	" 154° "	32.1		
5 "	4°18'S. 113°44'E.	surf.	29.°6	—				
6 "	4°20'S. 113°44'E.	"	—	31.22				
7 "	4°29'S. 113°44'E.	"	29.°—	31.27				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
20 May								
8 p.m.	4°37'S. 113°44'E. 35 M.	surf. 5 15 25	28.°9 — — —	31.17 31.31 31.31 31.35				
9 "	4°44'S. 113°44'E.	surf.	29.°1	31.37				
10 "	4°53'S. 113°44'E.	"	29.°—	31.37				
11 "	5°0' S. 113°44'E. 44 M.	" 5 15 25 35	29.°1 — — — —	31.40 31.52 31.49 32.41 32.41	N 255° E " 235° " " 335° " " 346° "	10.— 11.4 11.3 13.—	SSE 2	
12 m.n.	id.	surf.	29.°—	—				
21 May								
1 a.m.	5°6' S. 113°44'E.	"	29.°—	31.59				
2 "	5°16'S. 113°44'E.	"	29.°1	—				
2.30 "	5°20'S. 113°44'E. 49 M.	" 5 15 25 35 45	29.°1 — — — — —	31.55 31.54 31.54 32.70 32.74 32.76				
4 "	5°29'S. 113°44'E.	surf.	29.°2	—				
5 "	5°36'S. 113°44'E. 68 M.	" 5 15 25 35 45 55 65	29.°2 — — — — — — —	31.64 31.69 31.61 32.73 32.79 32.93 32.93 32.98				
6 "	5°40'S. 113°44'E.	surf.	29.°3	31.82				
7 "	5°48'S. 113°44'E.	"	29.°3	31.89				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
21 May								
8 a.m.	5°56'S. 113°44'E.	surf.	29.°2	31.91				
	73 M.	5	—	31.75				
		15	—	31.82				
		25	—	32.81				
		35	—	32.97				
		45	—	33.23				
		55	—	33.13				
		65	—	33.17				
9 "	5°56'S. 113°44'E.	surf.	29.°2	—				
10 "	id.	"	29.°4	—				
11 "	6°0' S. 113°44'E.	"	29.°—	32.07				
12 noon	6°8' S. 113°44'E.	"	29.°1	32.20				
1 p.m.	6°17'S. 113°44'E.	"	—	32.31				
	82 M.	5	—	32.12				
		15	—	32.83				
		25	—	33.10				
		35	—	33.36				
		45	—	33.36				
		55	—	33.43				
		65	—	34.60				
		75	—	34.56				
2 "	6°21'S. 113°49'E.	surf.	29.°4	32.39				
3 "	6°28'S. 113°49'E.	"	29.°7	32.51				
	80 M.	5	—	32.45	N 160° E	12.4	SE 6	
		15	—	32.58	" 140° "	21.2	S 2	
		25	—	33.09	" 96° "	25.3		
		35	—	33.16	" 97° "	26.6		
		45	—	33.39	" 104° "	13.—		
		55	—	33.74	" 291° "	14.4		
		65	—	34.31	" 40° "	5.5		
4 "	id.	surf.	29.°5	—				
7 "	6°28'S. 113°53'E.	"	29.°3	32.56				
8 "	6°21'S. 113°59'E.	"	29.°2	32.56				
9 "	6°14'S. 114°5' E.	"	29.°—	32.51				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
21 May								
10 "	6°7' S 114°11'E.	surf.	29.°—	32.33				
	77 M.	5	—	32.30				
		15	—	32.24				
		25	—	32.10				
		35	—	33.18				
		45	—	33.27				
		55	—	33.27				
		65	—	33.27				
11 "	6°3' S. 114°14'E.	surf.	28.°8	32.22				
12 m.n.	5°57'S. 114°20'E.	"	28.°7	32.03				
22 May								
0.30 a.m.	5°53'S. 114°23'E.	"	—	—				
	69 M.	5	—	31.92				
		15	—	31.96				
		25	—	32.31				
		35	—	33.04				
		45	—	33.04				
		55	—	33.22				
		65	—	33.33				
1 "	id.	surf.	29.°1	—				
2 "	5°47'S. 114°29'E.	"	28.°7	31.91				
3 "	5°41'S. 114°34'E.	"	28.°9	31.99				
	44 M.	5	—	31.91				
		15	—	32.01				
		25	—	32.56				
		35	—	32.65				
4 "	5°37'S. 114°37'E.	surf.	28.°8	31.92				
5 "	5°28'S. 114°35'E.	"	28.°8	31.96				
6 "	5°20'S. 114°36'E.	"	29.°1	31.66				
	35 M.	5	—	31.73				
		15	—	31.63				
		25	—	32.30				
7 "	5°14'S. 114°36'E.	surf.	29.°3	31.59				
9 "	4°56'S. 114°38'E.	"	28.°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
February 1915.								
12 Febr.								
6 a.m.	2°38'S. 109°50'E.	surf.	29.°1	—				
7 "	2°47'S. 109°52'E.	"	29.°1	—				
8 "	2°56'S. 109°55'E.	"	29.°—	—				
9 "	3°5' S. 109°57'E.	"	29.°—	—				
10 "	3°15'S. 110°0' E.	"	29.°—	—				
11 "	3°25'S. 110°3' E.	"	28.°8	—				
12 noon	3°35'S. 110°8' E.	"	28.°9	—				
1 p.m.	3°43'S. 110°20'E.	"	29.°—	—				
2 "	3°51'S. 110°26'E.	"	28.°9	—				
3 "	3°59'S. 110°32'E.	"	28.°8	—				
4 "	4°8' S. 110°38'E.	"	28.°7	—				
5 "	4°16'S. 110°44'E.	"	28.°5	—				
6 "	4°23'S. 110°48'E.	"	28.°6	—				
7 "	4°31'S. 110°54'E.	"	28.°5	—				
8 "	4°39'S. 111°0' E.	"	28.°4	—				
9 "	4°47'S. 111°6' E.	"	28.°5	—				
10 "	4°55'S. 111°12'E.	"	28.°5	—				
11 "	5°3' S. 111°18'E.	"	28.°4	—				
12 m.n.	5°10'S. 111°25'E.	"	28.°3	—				
13 Febr.								
1 a.m.	5°20'S. 111°31'E.	"	28.°3	—				
2 "	5°26'S. 111°36'E.	"	28.°3	—				
3 "	5°34'S. 111°41'E.	"	28.°3	—				
4 "	5°43'S. 111°48'E.	"	28.°3	—				
5 "	id.	"	28.°3	—				
6 "	5°48'S. 112°0' E.	"	28.°3	—				
7 "	5°55'S. 112°5' E.	"	28.°2	—				
8 "	6°2' S. 112°9' E.	"	28.°2	—				
9 "	6°9' S. 112°15'E.	"	27.°9	—				
10 "	6°17'S. 112°20'E.	"	28.°2	—				
11 "	6°33'S. 112°24'E.	"	28.°5	—				
12 noon	6°37'S. 112°30'E.	"	28.°1	—				
1 p.m.	6°45'S. 112°37'E.	"	29.°3	—				
2 "	6°52'S. 112°44'E.	"	29.°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
17 Febr.								
2 p.m.	6°49'S. 112°40'E.	surf.	27.°8	—				
3 "	6°43'S. 112°36'E.	"	28.°1	—				
4 "	6°38'S. 112°33'E.	"	28.°3	—				
5 "	6°35'S. 112°27'E.	"	28.°1	—				
6 "	6°30'S. 112°22'E.	"	28.°2	—				
7 "	6°24'S. 112°19'E.	"	28.°—	—				
8 "	6°20'S. 112°14'E.	"	28.°2	—				
9 "	6°15'S. 112°9' E.	"	28.°—	—				
10 "	6°9' S. 112°5' E.	"	27.°8	—				
11 "	6°4' S. 112°0' E.	"	27.°9	—				
12 m.n.	5°58'S. 111°56'E.	"	28.°—	—				
18 Febr.								
1 a.m.	5°53'S. 111°50'E.	"	28.°1	—				
2 "	5°48'S. 111°45'E.	"	28.°1	—				
3 "	5°43'S. 111°42'E.	"	28.°2	—				
4 "	5°38'S. 111°36'E.	"	28.°2	—				
5 "	5°33'S. 111°32'E.	"	28.°2	—				
6 "	5°28'S. 111°27'E.	"	28.°2	—				
7 "	5°23'S. 111°23'E.	"	28.°1	—				
8 "	5°18'S. 111°18'E.	"	28.°—	—				
9 "	5°10'S. 111°15'E.	"	27.°4	—				
10 "	5°3' S. 111°11'E.	"	28.°2	—				
11 "	4°55'S. 111°7' E.	"	28.°3	—				
12 noon	4°47'S. 111°2' E.	"	28.°8	—				
1 p.m.	4°42'S. 110°58'E.	"	28.°8	—				
2 "	4°37'S. 110°54'E.	"	29.°—	—				
3 "	4°32'S. 110°50'E.	"	29.°5	—				
4 "	4°27'S. 110°45'E.	"	29.°—	—				
5 "	4°19'S. 110°39'E.	"	29.°—	—				
6 "	4°10'S. 110°34'E.	"	29.°2	—				
7 "	4°1' S. 110°29'E.	"	28.°9	—				
8 "	3°54'S. 110°24'E.	"	28.°7	—				
9 "	3°50'S. 110°19'E.	"	28.°8	—				
10 "	3°46'S. 110°15'E.	"	28.°8	—				
11 "	3°42'S. 110°11'E.	"	28.°9	—				
12 m.n.	3°38'S. 110°7' E.	"	28.°8	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
19 Febr.								
1 a.m.	3°31'S. 110°5' E.	surf.	28.°9	—				
2 „	3°24'S. 110°3' E.	„	28.°8	—				
3 „	3°18'S. 110°0' E.	„	28.°6	—				
4 „	3°12'S. 109°59'E.	„	28.°9	—				
5 „	3°6' S. 109°57'E.	„	29.°—	—				
6 „	2°59'S. 109°56'E.	„	28.°8	—				
7 „	2°59'S. 109°56'E.	„	28.°9	—				
8 „	3°1' S. 109°57'E.	„	29.°—	—				
9 „	3°5' S. 109°57'E.	„	29.°2	—				
10 „	3°15'S. 110°0' E.	„	30.°—	—				
12 noon	3°22'S. 110°4' E.	„	31.°—	—				
1 p.m.								
1	3°29'S. 109°56'E.	„	30.°2	—				
2 „	3°36'S. 109°47'E.	„	30.°1	—				
3 „	3°43'S. 109°39'E.	„	30.°2	—				
4 „	3°50'S. 109°30'E.	„	29.°9	—				
5 „	4°0' S. 109°26'E.	„	29.°7	—				
6 „	4°5' S. 109°20'E.	„	29.°3	—				
7 „	4°11'S. 109°11'E.	„	29.°3	—				
8 „	4°17'S. 109°4' E.	„	28.°9	—				
9 „	4°22'S. 108°56'E.	„	29.°—	—				
10 „	4°27'S. 108°48'E.	„	28.°9	—				
11 „	4°33'S. 108°40'E.	„	28.°8	—				
12 m.n.	4°38'S. 108°32'E.	„	28.°6	—				
20 Febr.								
1 a.m.								
1	4°45'S. 108°25'E.	„	28.°4	—				
2 „	4°51'S. 108°17'E.	„	28.°4	—				
3 „	4°46'S. 108°9' E.	„	28.°3	—				
4 „	5°2' S. 108°1' E.	„	—	—				
5 „	5°7' S. 107°53'E.	„	28.°2	—				
6 „	5°13'S. 107°49'E.	„	28.°2	—				
7 „	5°18'S. 107°41'E.	„	27.°9	—				
8 „	5°25'S. 107°35'E.	„	28.°1	—				
9 „	5°32'S. 107°23'E.	„	28.°—	—				
10 „	5°37'S. 107°17'E.	„	28.°1	—				
11 „	5°43'S. 107°8' E.	„	28.°3	—				
12 noon	5°48'S. 107°1' E.	„	28.°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		

Voyage to the fishing grounds on the North Coast of Java.

March 1915.								
20 March								
11 a.m.	5°57'S. 106°55'E.	surf.	29.°5	26.71				
12 noon	5°52'S. 107°2' E.	"	29.°5	30.71				
1 p.m.	5°51'S. 107°9' E.	"	30.°1	31.15				
2 "	5°51'S. 107°17'E.	"	30.°1	31.52				
3 "	5°51'S. 107°25'E.	"	30.°—	31.64				
4 "	5°51'S. 107°33'E.	"	29.°7	31.84				
5 "	5°52'S. 107°41'E.	"	29.°5	31.92				
6 "	5°53'S. 107°50'E.	"	29.°5	31.81				
7 "	5°54'S. 107°58'E.	"	29.°5	31.82				
8 "	5°55'S. 108°6' E.	"	29.°4	31.89				
9 "	5°57'S. 108°14'E.	"	29.°3	32.03				
10 "	5°58'S. 108°23'E.	"	29.°3	31.83				
11 "	5°59'S. 108°32'E.	"	29.°3	—				
12 m.n.	6°0' S. 108°41'E.	"	29.°3	31.71				
30 March								
1 a.m.	6°2' S. 108°50'E.	"	29.°2	32.03				
2 "	6°2' S. 108°58'E.	"	29.°1	31.98				
3 "	6°3' S. 109°6' E.	"	29.°1	32.12				
4 "	6°5' S. 109°14'E.	"	29.°1	32.19				
5 "	6°6' S. 109°23'E.	"	29.°1	32.21				
6 "	6°7' S. 109°32'E.	"	29.°—	—				
7 "	6°9' S. 109°40'E.	"	29.°1	32.27				
8 "	6°9' S. 109°48'E.	"	29.°1	32.27				
9 "	6°11'S. 109°57'E.	"	29.°—	32.38				
10 "	6°12'S. 110°5' E.	"	29.°2	32.12				
11 "	6°13'S. 110°14'E.	"	29.°6	32.36				
12 noon	6°15'S. 110°22'E.	"	30.°—	32.45				
1 p.m.	6°16'S. 110°30'E.	"	30.°—	32.52				
2 "	6°17'S. 110°38'E.	"	29.°8	32.32				
3 "	6°18'S. 110°46'E.	"	30.°1	32.25				
4 "	6°19'S. 110°54'E.	"	30.°—	32.12				
5 "	6°19'S. 111°2' E.	"	30.°—	32.29				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
30 March								
6 p.m.	6°18'S. 111°9' E.	surf.	30.°—	32.27				
7 „	6°17'S. 111°18'E.	„	29.°7	32.38				
8 „	6°17'S. 111°18'E.	„	29.°9	32.66			NE 1	
		5	29.°7	32.43	N 280° E	4.9		
		15	29.°7	32.74	„ 80° „	6.6		
		25	29.°5	32.65	„ 117° „	8.9		
		35	28.°6	33.27	„ 100° „	5.6		
		45	28.°6	—	?	0		
11 „	id.	surf.	29.°7	32.60				
12 m.n.	id.	„	29.°5	—				
31 March								
8.20 a.m.	6°0' S. 111°18'E.	„	29.°5	32.75				
		5	29.°4	32.81				
		15	29.°4	32.74				
		25	29.°35	32.75				
		45	28.°8	33.15				
		35	28.°65	33.22				
7 „	5°52'S. 111°18'E.	surf.	29.°5	32.63				
	62 M.	5	—	32.70				
		15	—	32.72				
		25	—	32.66				
		35	—	33.03				
		45	—	33.46				
		55	—	33.58				
8 „	5°47'S. 111°18'E.	surf.	29.°2	—				
9 „	5°43'S. 111°18'E.	„	29.°4	32.68				
	69 M.	5	29.°35	32.48				
		15	29.°3	32.65				
		25	29.°25	32.83				
		35	28.°85	33.22				
		45	28.°85	33.71				
		55	28.°85	33.68				
		65	28.°85	33.77				
10 „	5°43'S. 111°23'E.	surf.	29.°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
31 March 10.30 a.m.	5°43'Z. 111°26'O. 69 M.	surf.	—	32.65				
		5	—	32.70				
		15	—	—				
		25	—	32.80				
		35	—	33.12				
		45	—	33.73				
		55	—	33.74				
11 „ 12 noon	5°43'S. 111°26'E. 5°42'S. 111°34'E. 75 M.	surf.	29.°7	—				
		5	29.°5	32.63				
		15	29.°3	32.80				
		25	28.°95	32.97				
		35	28.°75	33.08				
		45	28.°9	33.80				
		55	28.°85	33.89				
2 p.m.	5°42'S. 111°42'E. 75 M.	surf.	30.°6	32.27				
		5	—	32.77				
		15	—	32.74				
		25	—	32.74				
		35	—	33.01				
		45	—	33.77				
		55	—	33.51				
3 „ 4 „ 5 „	5°42'S. 111°52'E. id. id. 71 M.	surf.	30.°8	—				
		5	30.°9	—				
		15	30.°8	31.91				Calm.
		25	29.°65	32.04	N 136° E	25.9		
		35	29.°25	32.66	„ 70° „	6.9		
		45	29.°2	32.81	„ 50° „	10.3		
		55	28.°9	33.58	„ 125° „	6.2		
6 „	5°44'S. 111°52'E.	surf.	30.°6	—				
		5	29.°—	33.47	„ 125° „	9.6		
		15	—	—				
		25	—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
31 March								
7 p.m.	5°50'S. 111°52'E.	surf.	30.°4	32.18				
	73 M.	5	—	32.28				
		15	—	32.79				
		25	—	32.54				
		35	—	32.95				
		45	—	33.79				
		55	—	33.71				
		65	—	33.75				
8 „	5°56'S. 111°53'E.	surf.	30.°2	—				
8.30 „	6°0' S. 111°53'E.	„	—	32.50				
		5	29.°45	32.47				
		15	29.°4	32.63				
		25	29.°3	32.59				
		35	28.°8	33.31				
		45	28.°7	33.62				
		55	28.°7	33.42				
		65	28.°7	33.42				
9 „	id.	surf.	29.°7	—				
10 „	6°6' S. 111°54'E.	„	29.°9	32.51				
10.15 „	6°8' S. 111°54'E.	5	—	32.60				
	66 M.	15	—	32.71				
		25	—	32.68				
		35	—	33.19				
		45	—	33.33				
		55	—	33.53				
11 „	6°12'S. 111°55'E.	surf.	29.°7	—				
11.30 „	6°16'S. 111°55'E.	„	—	32.57				
	60 M.	5	29.°6	32.75				
		15	29.°4	32.51				
		25	29.°35	32.51				
		35	28.°9	33.06				
		45	28.°7	33.46				
	April 1915.							
1 April								
6 a.m.	6°16'S. 111°55'E.	surf.	29.°6	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
1 April								
7 a.m.	6°25'S. 111°55'E. 47 M.	surf. 5 15 25 35 45	29.°4 — — — — —	32.74 32.43 32.60 32.83 33.17 33.31				
8 "	id.	surf.	29.°3	—				
8.15 "	6°33'S. 111°55'E.	" 5 15 25 35	— 29.°75 29.°60 29.°55 28.°9	32.92 32.88 32.52 32.60 32.92				
9 "	6°31'S. 111°55'E.	surf.	29.°9	—				
9.40 "	6°40'S. 111°55'E.	" 5 15 25	— 30.°— 29.°7 29.°55	31.85 32.13 32.66 32.55				
10 "	6°40'S. 111°55'E.	surf.	30.°1	—				
11 "	6°41'S. 112°2' E. 31 M.	" 5 15 25	29.°9 — — —	32.34 32.25 32.46 32.72				
12 noon	6°43'S. 112°9' E.	surf.	30.°2	—				
0.15 p.m.	6°43'S. 112°11'E.	" 5 15 25	— — — —	31.44 32.45 32.65 32.74				
1 "	6°44'S. 112°15'E.	surf.	31.°—	—				
2 "	6°45'S. 112°22'E. 33 M.	" 5 15 25	31.°5 — 29.°6 29.°5	— 32.43 32.63 32.65				
3 "	6°40'S. 112°22'E.	surf.	30.°7	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
1 April								
3.15 p.m.	6°38'S. 112°22'E.	surf.	—	32.46				
	• 55 M.	5	—	32.56				
		15	—	32.70				
		25	—	32.74				
		35	—	33.37				
		45	—	33.50				
4 "	6°34'S. 112°22'E.	surf.	30.°6	32.80				
5 "	6°26'S. 112°21'E.	"	30.°5	—				
		5	29.°7	32.68				
		15	29.°4	32.71				
		25	29.°4	32.83				
		35	28.°85	33.01				
		45	28.°7	33.56				
		55	28.°65	33.57				
6 "	6°21'S. 112°21'E.	surf.	30.°5	32.54			Calm.	
6.15 "	6°18'S. 112°21'E.	5	—	32.51	N 123° E	24.6		
		15	—	32.59	" 102° "	20.5		
		25	—	32.56	" 105° "	12.4		
		35	—	33.03	" 91° "	29.—		
		45	—	33.55	" 115° "	23.6		
		55	—	33.55	" 120° "	20.2		
7 "	id.	surf.	30.°—	—				
8 "	id.	"	30.°—	—				
9 "	6°14'S. 112°21'E	"	29.°9	—				
10 "	6°10'S. 112°21'E.	"	30.°—	32.31				
	69 M.	5	29.°95	32.28				
		15	29.°4	32.43				
		25	29.°3	32.66				
		35	28.°8	33.12				
		45	28.°7	33.51				
		55	28.°7	33.23				
		65	28.°7	33.51				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
1 April								
11.30 "	6°4' S. 112°21'E. 69 M.	surf. 5 15 25 35 45 55 65	30.°2 — — — — — — —	31.83 32.19 32.43 32.56 32.66 33.61 33.64 33.58				
2 April								
7 a.m.	5°58'S. 112°22'E. 75 M.	surf. 5 15 25 35 45 55 65	30.°1 30.°1 29.°35 29.°3 29.°15 28.°85 28.°9 28.°85	31.82 31.87 32.59 32.65 32.63 33.64 33.60 33.75				
8 "	id.	surf.	30.°2	—				
8.45 "	5°51'S. 112°26'E.	," 5 15 25 35 45 55 65	30.°— — — — — — — —	31.14 31.55 32.23 32.83 32.57 33.56 33.51 33.62				
10 "	5°44'S. 112°25'E.	surf. 5 15 25 35 45 55 65	30.°1 30.°1 29.°65 29.°22 29.°15 28.°9 28.°9 28.°9	31.35 31.23 32.05 32.59 32.66 33.53 33.44 33.39				
11 "	id.	surf.	30.°1	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
2 April								
12 noon	5°36'S. 112°26'E.	surf.	30.°—	—				
0.15 p.m.	id.	"	—	31.—				
	68 M.	5	—	31.26				
		15	—	31.14				
		25	—	32.57				
		35	—	32.88				
		45	—	33.50				
		55	—	33.50				
		65	—	33.55				
1 "	5°36'S. 112°31'E.	surf.	30.°1	—				
1.20 "	5°36'S. 112°35'E.	"	—	30.97				
	75 M.	5	30.°2	31.15				
		15	29.°55	32.12				
		25	29.°3	32.85				
		35	29.°2	32.83				
		45	29.°—	33.42				
		55	28.°87	33.42				
		65	28.°87	33.47				
2 "	id.	surf.	30.°4	—				
3 "	5°36'S. 112°44'E.	"	30.°3	30.97			W 2	
		5	—	31.03	N 75° E	34.8		
		15	—	31.40	" 140° "	17.1		
		25	—	32.60	" 80° "	15.1		
		35	—	32.79	" 96° "	11.7		
		45	—	33.50	" 140° "	7.9		
		55	—	33.27	" 90° "	3.2		
		65	—	33.71	" 150° "	3.2		
4 "	id.	surf.	30.°2	—				
5 "	id.	"	30.°1	—				
6 "	id.	"	30.°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
2 April 7 p.m.	5°36'S. 112°57'E.	surf.	30.°2	31.23				
		5	30.°2	31.23				
		15	29.°7	31.76				
		25	29.°45	32.74				
		35	29.°4	32.79				
		45	28.75°	33.18				
		55	28.°75	33.33				
8 "	5°38'S. 112°57'E.	surf.	30.°2	—				
	8.45 "	5°46'S. 112°57'E.	"	—	31.24			
5		—	31.18					
15		—	32.04					
25		—	32.56					
35		—	32.63					
45		—	33.40					
9 "	5°46'S. 112°57'E.	surf.	30.°2	—				
		10 "	5°51'S. 112°57'E.	"	30.°—	—		
10.15 "	5°53'S. 112°57'E.	"	—	31.70				
		5	29.°9	31.83				
		15	29.°85	32.05				
		25	29.°4	32.71				
		35	28.°95	32.86				
		45	28.°8	32.89				
		55	28.°62	33.21				
		65	28.°85	34.60				
11 "	id. 6°1' S. 112°57'E. 68 M.	surf.	29.°8	—				
		5	—	31.65				
		15	—	32.36				
		25	—	32.36				
		35	—	32.50				
		45	—	32.56				
		55	—	33.03				
		65	—	33.42				
12 m.n.	id. 6°1' S. 112°57'E. 68 M.	surf.	29.°8	—				
		5	—	31.65				
		15	—	32.36				
		25	—	32.36				
		35	—	32.50				
		45	—	32.56				
		55	—	33.03				
		65	—	33.42				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
3 April								
7 a.m.	6°7' S. 113°1' E. 73 M.	surf. 5 15 25 35 45 55 65	29.°8 29.°8 29.°5 29.°5 29.°35 28.°95 28.°7 27.°9	32.03 32.07 32.05 32.56 32.62 33.10 33.31 33.89				
8 "	6°9' S. 113°1' E.	surf.	29.°8	—				
8.45 "	6°17' S. 113°2' E. 68 M.	" 5 15 25 35 45 55	— — — — — — —	32.18 32.29 32.52 32.56 32.57 33.12 33.30				
9 "	6°17' S. 113°2' E.	surf.	29.°8	—				
10 "	6°27' S. 113°3' E. 68 M.	" 50 15 25 35 45 55	29.°4 29.°4 29.°38 29.°32 29.°2 28.°82 28.°5	32.34 32.39 32.72 32.52 32.74 33.03 33.66				
11 "	6°27' S. 113°3' E.	surf.	29.°4	—				
12 noon	6°33' S. 113°4' E.	"	29.°5	—				
0.20 p.m.	6°37' S. 113°14' E. 60 M.	" 5 15 25 35 45 55	— — — — — — —	32.59 32.43 32.72 32.45 32.71 33.36 33.93				
1 "	6°40' S. 113°5' E.	surf.	29.°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 April								
1.40 p.m.	6°46'S. 113°06' E. 46 M.	surf. 5 15 25 35	29.°5 29.°82 29.°62 29.°5 28.°65	32.34 32.37 32.89 32.94 33.28				
2 "	6°46'S. 113°06' E.	surf.	29.°8	—				
3 "	6°47'S. 113°12'E.	"	29.°8	—				
4 "	6°48'S. 113°20'E.	"	29.°8	—				
5 "	6°50'S. 113°27'E.	"	29.°7	32.21				
5.5 "	6°50'S. 113°27'E. 35 M.	5 15 25	29.°85 29.°78 29.°50	32.47 32.60 32.74				
6 "	6°45'S. 113°27'E.	surf.	29.°7	—				
6.20 "	6°42'S. 113°27'E. 57 M.	" 5 15 25 35 45	— 29.°55 29.°5 29.°5 29.°— 28.°05	32.65 32.65 32.57 32.57 33.10 33.56				
7 "	6°42'S. 113°27'E.	surf.	29.°6	—				
8 "	6°34'S. 113°27'E.:	"	29.°2	—				
8.10 "	6°32'S. 113°28'E. 58 M.	" 5 15 25 35 45 55	— — — — — —	32.65 32.52 32.59 32.56 32.65 32.99 33.66				
9 "	6°28'S. 113°28'E.	surf.	29.°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm p. sec.		
3 April								
9.25 a.m.	6°24'S. 113°29'E.	surf.	—	32.46				
	62 M.	5	29.°4	32.36				
		15	29.°4	32.42				
		25	29.°4	32.56				
		35	29.°27	32.77				
		45	28.°7	32.90				
		55	28.°62	33.47				
10 "	id.	surf.	29.°4					
11 "	6°16'S. 113°30'E.	"	29.°5	31.99				
	77 M.	5	—	32.28	N 98° E	51.1		
		15	—	32.47	" 88° "	49.1		
		25	—	32.43	" 90° "	50.4		
		35	—	32.72	" 81° "	51.8		
		45	—	32.90	" 102° "	54.5		
		55	—	33.33	" 90° "	53.2		
		65	25.°4	34.60	" 295° "	13.7		
12 m.n.	id.	surf.	29.°6	—				
4 April								
7 a.m.	6°9'S. 113°33'E.	"	29.°7	32.48				
	77 M.	5	29.°45	32.31				
		15	29.°47	32.28				
		25	29.°5	32.56				
		35	29.°4	32.54				
		45	28.°72	33.13				
		55	29.°67	33.27				
		65	28.°5	33.39				
8 "	6°6' S. 113°33'E.	surf.	29.°7	—				
8.40 "	6°0' S. 113°33'E.	"	—	31.53				
	80 M.	5	—	31.47				
		15	—	32.31				
		25	—	32.25				
		35	—	32.54				
		45	—	32.56				
		55	—	33.42				
		65	—	33.51				

TEMPERATURES, SALINITIES AND
 CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
4 April								
6 p.m.	5°56'S. 113°58'E.	surf.	30.°3	32.21				
	82 M.	5	29.°8	32.03				
		15	29.°65	32.25				
		25	29.°4	32.23				
		35	28.°85	32.48				
		45	28.°72	32.65				
		55	28.°82	33.09				
		65	27.°95	33.65				
7 "	6°6' S. 113°58'E.	surf.	30.°2	—				
8 "	6°15'S. 113°58'E.	"	30.°—	32.50				
	77 M.	5	—	32.59				
		15	—	32.50				
		25	—	32.50				
		35	—	32.50				
		45	—	32.80				
		55	—	33.36				
		65	—	32.84				
9 "	6°21'S. 113°58'E.	surf.	29.°9	—				
9.10 "	6°23'S. 113°58'E.	"	—	32.66				
	77 M.	5	29.°7	32.59				
		15	29.°45	32.65				
		25	29.°4	32.59				
		35	29.°4	32.71				
		45	29.°05	33.09				
		55	28.°72	33.26				
		65	25.°25	34.65				
10 p.m.	6°24'S. 113°58'E.	surf.	29.°8	—				
11 "	6°31'S. 113°58'E.	"	29.°6	32.56				
		5	—	32.51				
		15	—	32.48				
		25	—	32.65				
		35	—	32.45				
		45	—	33.01				
		55	—	33.08				
		65	—	35.07				
12 m.n.	6°37'S. 113°58'E.	surf.	29.°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
5 April								
0.30 a.m.	6°41'S. 113°53'E.	surf.	—	32.59				
	53 M.	5	29.°5	32.48				
		15	29.°5	32.59				
		25	29.°5	32.59				
		35	29.°5	32.72				
		45	28.°6	33.12				
10 "	6°27'S. 113°30'E.	surf.	29.°7	—				
11 "	6°22'S. 113°22'E.	"	29.°6	—				
12 noon	6°18'S. 113°15'E.	"	29.°6	—				
1 p.m.	6°14'S. 113°7'E.	"	30.°1	—				
2 "	6°10'S. 121°59'E.	"	30.°1	—				
3 "	6°7' S. 112°50'E.	"	30.°1	—				
4 "	6°1' S. 112°43'E.	"	30.°2	—				
5 "	d.	"	30.°1	—				
7 April								
8 a.m.	5°52'S. 112°27'E.	"	30.°—	—				
9 "	5°54'S. 112°18'E.	"	29.°9	—				
10 "	5°55'S. 112°9'E.	"	29.°9	—				
11 "	5°55'S. 112°6'E.	"	30.°—	—				
12 noon	5°56'S. 111°55'E.	"	30.°—	—				
1 p.m.	5°57'S. 111°45'E.	"	30.°—	—				
2 "	5°58'S. 111°35'E.	"	29.°9	—				
3 "	5°59'S. 111°25'E.	"	29.°9	—				
4 "	6°1' S. 111°16'E.	"	29.°9	—				
5 "	6°1' S. 111°6'E.	"	30.°1	—				
6 "	6°2' S. 110°56'E.	"	30.°2	—				
7 "	6°3' S. 110°46'E.	"	29.°9	—				
8 "	6°3' S. 110°36'E.	"	29.°9	—				
9 "	6°5' S. 110°25'E.	"	29.°8	—				
10 "	6°7' S. 110°15'E.	"	29.°8	—				
11 "	6°7' S. 110°5'E.	"	29.°8	—				
12 m.n.	6°6' S. 109°55'E.	"	29.°8	—				
8 April								
1 a.m.	6°6' S. 109°44'E.	"	29.°8	—				
2 "	6°5' S. 109°34'E.	"	29.°7	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour.	Reckoning and depth.	Depth of Observation	<i>t</i> .	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 April								
3 "	6°5' S. 109°23'E.	surf.	29.°8	—				
4 "	6°5' S. 109°13'E.	"	29.°8	—				
5 "	6°4' S. 109°2' E.	"	29.°9	—				
6 "	6°4' S. 108°52'E.	"	29.°7	—				
7 "	6°3' S. 108°41'E.	"	29.°7	—				
8 "	6°3' S. 108°31'E.	"	29.°8	—				
9 "	6°3' S. 108°22'E.	"	29.°8	—				
10 "	6°1' S. 108°11'E.	"	29.°8	—				
11 "	5°59'S. 108°2' E.	"	29.°8	—				
12 noon	5°58'S. 107°55'E.	"	29.°8	—				
1 p.m.	5°56'S. 107°45'E.	"	29.°6	—				
2 "	5°53'S. 107°36'E.	"	29.°8	—				
3 "	5°51'S. 107°26'E.	"	30.°1	—				
4 "	5°51'S. 107°16'E.	"	30.°1	—				

Seasonal Cruise May 1915.

7 May								
0.30 p.m.	1 mile N. of Edam	surf.	30.°2	31.99				
	31 M.	5	29.°9	32.30				
		15	29.°8	32.41				
		25	29.°7	32.77				
2 "	id.	surf.	30°—	—				
2.30 "	5°50'S. 106°39'E.	"	—	32.43				
	47 M.	5	29.°4	32.63				
		15	29.°2	32.86				
		25	29.°2	32.86				
		35	29.°3	32.98				
		45	29.°3	32.98				
4 "	id.	surf.	29.°9	—				
5 "	5°43'S. 106°42'E.	"	29.°9	—				
6 "	id.	"	29.°8	32.80			E 1	
	49 M.	5	29.°7	33.22	N 284° E	53.8		
		15	29.°6	33.22	" 289° "	39.6		
		25	29.°6	33.22	" 270° "	18.5		
		35	29.°6	33.22	" 270° "	6.9		

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
7 May								
7 "	id.	surf.	29.°7	—				
8 "	5°34'S. 106°41'E.	"	29.°7	33.46				
9 "	5°24'S. 106°42'E.	"	29.°7	33.60				
	35 M.	5	29.°9	33.46				
		15	29.°9	33.41				
		25	29.°8	33.64				
10 "	id.	surf.	30.°1	—				
11 "	5°14'S. 106°41'E.	"	30.°1	33.50				
12 m.n.	5°6' S. 106°41'E.	"	30°—	33.06				
	20 M.	5	—	33.19				
		15	—	33.19				
8 May								
1 a.m.	5°1'S. 106°41'E.	surf.	29.°9	33.03				
2.15 "	4°52'S. 106°41'E.	"	30.°2	33.03				
	26 M.	5	—	32.97				
		15	—	33.01				
3 a.m.	4°48'S. 106°41'E.	surf.	30.°2	33.21				
4 "	4°41'S. 106°41'E.	"	29.°9	32.74				
4.30 "	4°37'S. 106°41'E.	"	—	32.34				
	26 M.	5	—	32.88				
		15	—	32.97				
6 "	4°26'S. 106°41'E.	surf.	29.°9	32.47				
7 "	4°18'S. 106°41'E.	"	29.°9	32.59				
	26 M.	5	30.°1	32.74				
		15	30.°1	32.94				
8 "	4°16'S. 106°41'E.	surf.	30.°1	—				
9 "	4°8' S. 106°41'E.	"	29.°9	—				
9.30 "	4°4' S. 106°41'E.	"	—	32.50			SSE I	
	26 M.	5	29.°9	32.95	N 161° E	27.—		
		15	29.°9	32.85	" 180° "	32.6		
11 "	id.	surf.	29.°8	32.32				
12 noon	4°4' S. 106°50'E.	"	29.°5	32.21				
1 p.m.	4°4' S. 106°58'E.	"	29.°7	33.10				
	20 M.	5	30.°1	33.17				
		15	30.°2	33.39				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 May								
2.30 p.m.	4°4' S. 107°4' E.	surf.	29.°3	32.41				
3.30 "	4°4' S. 107°12' E.	"	29.°4	32.54				
	24 M.	5	—	33.42				
		15	—	33.31				
5 "	4°4' S. 107°24' E.	surf.	30.°1	33.49				
6 "	4°4' S. 107°30' E.	"	—	33.33				
	27 M.	5	30.°1	33.19	N 239° E	32.8	Calm.	
		15	30.°—	33.22	" 240° "	37.6		
		25	29.°9	33.31	" 230° "	28.8		
7 "	id.	surf.	30.°1	—				
8 "	4°6' S. 107°30' E.	"	30.°1	—				
9 "	4°14' S. 107°30' E.	"	29.°7	32.94				
10 "	4°22' S. 107°30' E.	"	30.°—	33.35				
	29 M.	5	—	33.12				
		15	—	33.12				
		25	—	33.12				
11 "	4°29' S. 107°30' E.	surf.	30.°—	—				
12 m.n.	4°38' S. 107°30' E.	"	29.°8	33.24				
	31 M.	5	29.°8	33.15				
		15	29.°8	32.94				
		25	29.°8	32.95				
9 May								
2 a.m.	4°48' S. 107°30' E.	surf.	29.°3	32.97				
3 "	4°56' S. 107°30' E.	"	29.°9	33.39				
	53 M.	5	—	33.46				
		15	—	33.42				
		25	—	33.48				
4.15 "	5°4' S. 107°30' E.	surf.	29.°6	33.40				
5 "	5°10' S. 107°30' E.	"	29.°6	33.42			SW 1-2	
	40 M.	5	29.°7	33.35	N 105° E	15.8		
		15	29.°9	33.68	" 137° "	15.8		
		25	29.°9	33.64	" 144° "	16.7		
		35	29.°9	33.57	" 136° "	11.7		
7 "	d.	surf.	29.°6	—				
8 "	5°10' S. 107°30' E.	"	29.°6	—				
9 "	5°11' S. 107°30' E.	"	29.°6	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 May								
9.45 a.m.	5°20'S. 107°30'E.	surf.	29.°2	33.10				
10.45 "	5°30'S. 107°30'E.	"	29.°1	33.40				
	40 M.	5	—	33.46				
		15	—	33.50				
		25	—	33.53				
		35	—	33.57				
12 noon	5°38'S. 107°30'E.	surf.	28.°9	—				
1 p.m.	5°47'S. 107°30'E.	"	—	33.30				
	46 M.	5	—	33.33				
		15	—	33.27				
		25	—	—				
		35	—	33.31				
2.15 "	5°56'S. 107°30'E.	surf.	29.°2	31.90				
3 "	6°1' S. 107°30'E.	"	29°4	—				
3.15 "	6°3' S. 107°30'E.	"	29°6	31.85				
	24 M.	5	29°7	31.73	N 291° E	30.—	SE 1	
		15	29°7	32.09	" 270° "	14.4		
5 p.m.	6°3' S. 107°34'E.	surf.	29°7	—				
6 "	6°4' S. 107°42'E.	"	29°5	—				
7 "	6°4' S. 107°50'E.	"	29°5	—				
8 "	6°4' S. 107°58'E.	"	29°3	—				
9 "	6°4' S. 108°6' E.	"	29°3	—				
10 "	6°4' S. 108°12'E.	"	29°4	—				
10.45 "	6°4' S. 108°16'E.	"	29°4	32.56				
	38 M.	5	29°5	32.85				
		15	29°5	32.94				
		25	29°5	—				
12 m.n.	5°54'S. 108°16'E.	surf.	29°4	33.45				
10 May								
10.30 a.m.	5°50'S. 108°16'E.	"	29°5	33.35				
	51 M.	5	—	33.44				
		15	—	33.41				
		25	—	33.44				
		35	—	33.68				
		45	—	33.65				

TEMPERATURES, SALINITIES AND
 CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 May								
2 a.m.	5°42'S. 108°16'E. 49 M.	surf. 5 15 25 35 45	29°5 29°5 29°5 29°6 29°6 29°6	33.69 33.56 33.73 33.79 33.79 33.79				
					N 186° E " 140° " " 140° " " 136° " " 130° "	15.7 17.1 19.1 16.4 19.8		
4 "	5°42'S. 108°16'E.	surf.	29°7	—				
5 "	5°37'S. 108°16'E.	"	29°8	—				
6 "	5°28'S. 108°16'E.	"	29°6	33.60				
7 "	5°19'S. 108°16'E. 47 M.	" 5 15 35	29°8 — — —	33.50 33.51 33.51 33.51				
8 "	5°14'S. 108°16'E.	surf.	29°4	—				
9 "	5°6' S. 108°16'E.	"	29°4	33.44				
10 "	4°57'S. 108°16'E. 47 M.	" 5 15 25 35	29°7 29°7 29°7 29°7	33.32 33.32 33.40 33.47 33.33	N 137° E " 125° " " 110° " —	17.8 13.— 5.5 0	Calm.	
11 "	4°57'S. 108°16'E.	surf.	30°—	—				
12 noon	id.	"	29°9	—				
1 p.m.	4°49'S. 108°16'E.	"	29°8	33.13				
2 "	4°40'S. 108°16'E. 40 M.	" 5 15 25 35	30°1 — — —	33.15 33.22 33.26 33.27 33.21				
3 "	4°34'S. 108°16'E.	surf.	29°9	33.32				
4 "	4°27'S. 108°16'E. 40 M.	" 5 15 25 35	30°1 30°1 29°8 29°8 29°8	33.15 33.31 33.33 33.18 33.17				
5 "	4°25'S. 108°16'E.	surf.	30°1	—				
6 "	4°19'S. 108°16'E.	"	30°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour.	Reckoning and depth.	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 May								
10.30 a.m.	4°20'S. 109°15'E.	surf.	—	33.19				
	49 M.	5	—	33.27				
		15	—	33.31				
		25	—	33.24				
		35	—	33.48				
		45	—	33.31				
12 noon	4°31'S. 109°15'E.	surf.	29°9	—				
1 p.m.	4°40'S. 109°15'E.	"	30°1	33.65				
	49 M.	5	30°—	33.48				
		15	29°8	33.55				
		25	29°7	33.66				
		35	29°7	33.77				
		45	29°7	33.77				
2 "	4°42'S. 109°15'E.	surf.	30°2	—				
3 "	4°51'S. 109°15'E.	"	30°—	33.68				
4 "	5°0' S. 109°15'E.	"	30°2	33.70				
	53 M.	5	29°9	33.68				
		15	29°7	33.48				
		25	29°7	33.48				
		35	29°6	33.48				
		45	29°6	33.48				
6 "	5°0' S. 109°15'E.	surf.	29°9	—				
7 "	5°2' S. 109°15'E.	"	30°2	—				
8 "	5°11'S. 109°15'E.	"	30°—	33.27				
9 "	5°19'S. 109°15'E.	"	29°7	—				
	51 M.	5	—	32.94				
		15	—	33.08				
		25	—	32.22				
		35	—	33.82				
		45	—	33.75				
10.15 "	5°27'S. 109°15'E.	surf.	30°—	33.01				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 May								
11.15 p.m.	5°35'S. 109°15'E.	"	29°8	32.79				
	53 M.	5	29°7	32.57				
		15	29°5	32.51				
		25	29°5	32.72				
		35	29°5	33.46				
		45	29°5	33.65				
12 m.n.	id.	surf.	29°8	—				
12 May								
1 a.m.	5°44'S. 109°15'E.	"	29°7	32.61				
1.30 "	5°48'S. 109°15'E.	"	—	32.39				
	53 M.	5	—	32.63				
		15	—	32.51				
		25	—	32.52				
		35	—	33.33				
		45	—	33.56				
2 "	5°50'S. 109°15'E.	surf.	29°7	32.80				
3 "	5°58'S. 109°15'E.	"	29°7	32.66				
3.15 "	5°59'S. 109°15'E.	"	—	32.46			SSE 1	
	55 M.	5	29°5	32.39	—	3.5		
		15	29°5	32.39	N 125° E	16.4		
		25	29°5	32.65	" 86° "	14.7		
		35	29°5	32.46	" 114° "	13.7		
		45	29°4	33.26	" 98° "	12.—		
4 "	id.	surf.	29°6	—				
5 "	id.	"	29°5	—				
6 "	id.	"	29°7	—				
7 "	5°59'S. 109°15'E.	"	29°7	—				
8 "	6°5 'S. 109°15'E.	"	29°6	—				
9 "	6°14'S. 109°15'E.	"	30°1	32.56				
10 "	6°22'S. 109°15'E.	"	30°3	32.64				
	47 M.	5	—	32.68				
		15	—	32.61				
		25	—	32.60				
		35	—	32.57				
		45	—	32.68				
11 "	6°24'S. 109°19'E.	surf.	30°2	32.42				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
12 May								
12.20 p.m.	6°25'S. 109°28'E.	„	30°3	32.56				
	50 M.	5	—	32.51				
		15	—	32.45				
		25	—	32.45				
		35	—	32.65				
		45	—	32.94				
1.30 „	6°25'S. 109°34'E.	surf.	30°4	32.74				
2.30 „	6°26'S. 109°43'E.	„	30°8	32.60?				
	51 M.	5	—	32.01				
		15	—	31.91				
		25	—	31.93				
		35	—	32.23				
		45	—	32.51				
4 „	6°23'S. 109°52'E.	surf.	30°5	32.65				
4.45 „	6°23'S. 109°57'E.	„	30°3	32.41				
		5	—	32.34				
		15	—	32.31				
		25	—	32.47				
		35	—	32.34				
		45	—	32.88				
5 „	6°23'S. 109°57'E.	surf.	30°2	—				
6.35 „	6°23'S. 110°7' E.	„	—	32.—				
7 „	6°23'S. 110°10'E.	„	30°1	—				
8 „	6°23'Z. 110°17'E.	„	30°2	32.21				
		5	—	31.90				
		15	—	32.27				
		25	—	32.12				
		35	—	32.05				
		45	—	33.62				
9 „	6°17'S. 110°17'E.	surf.	29°—	—				
9.15 „	6°15'S. 110°17'E.	„	—	31.81				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
12 May 10 p.m.	6°9' S. 110°16'E. 49 M.	5	29°8	31.89			SE 1	
		15	29°7	32.01	N 190° E	13.—		
		25	29°6	32.05	" 201° "	17.4		
		35	29°5	32.01	" 52° "	15.7		
		45	29°5	32.21	" 40° "	29.—		
		45	29°4	32.56	" 62° "	15.4		
11 "	id.	surf.	30°—	—				
12 m.n.	id.	"	29°7	—				
13 May 6 a.m.	id.	"	29°9	—				
7 "	6°7' S. 110°16'E.	"	29°9	—				
7.30 "	6°2' S. 110°16'E.	"	—	31.56				
8 "	5°58'S. 110°17'E.	"	29°8	—				
8.20 "	5°56'S. 110°17'E. 49 M.	5	—	32.04				
		5	—	32.20				
		15	—	32.13				
		25	—	32.56				
		35	—	32.90				
		45	—	32.89				
9 "	5°56'S. 110°17'E.	surf.	29°5	—				
10 "	5°50'S. 110°17'E.	"	29°7	—				
11 "	5°45'S. 110°18'E.	"	29°7	—				
11.30 "	5°42'S. 110°17'E.	"	—	32.38				
02 noon	5°38'S. 110°17'E.	"	29°6	—				
1.30 p.m.	5°34'S. 110°17'E. 60 M.	5	29°8	32.16				
		5	29°7	32.07				
		15	29°5	31.98				
		25	29°5	32.04				
		35	29°4	32.59				
		45	29°4	32.72				
		55	29°4	32.72				
1 "	id.	surf.	29°9	—				
2 "	5°30'S. 110°18'E.	"	29°8	—				
2.30 "	5°26'S. 110°18'E.	"	—	31.98				
3 "	5°22'S. 110°18'E.	"	29°8	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
13 May								
3.30 p.m.	5°18'S. 110°18'E.	surf.	29°8	32.21				
	66 M.	5	—	32.13				
		15	—	32.16				
		25	—	32.16				
		35	—	32.72				
		45	—	—				
		55	—	32.81				
4 "	id.	surf.	29°9	—				
5 "	5°10'S. 110°18'E.	"	30°1	—				
5.30 "	5°7' S. 110°18'E.	"	—	32.52				
6 "	5°4' S. 110°18'E.	"	29°9	33.03				
6.30 "	5°1' S. 110°18'E.	"	—	32.90			Calm.	
	61 M.	5	29°8	33.10	N 70° E	4.5		
		15	29°8	32.97	" 272° "	14.—		
		25	29°7	33.10	" 240° "	19.5		
		35	29°6	33.03	" 282° "	19.8		
		45	29°6	32.88	" 287° "	25.2		
		55	29°6	—	" 285° "	24.2		
7 "	id.	surf.	30°—	—				
8 "	5°1' S. 110°18'E.	"	30°—	—				
9 "	id.	"	30°—	—				
10 "	id.	"	30°—	—				
11 "	4°56'S. 110°18'E.	"	29°9	—				
12 m.n.	4°46'S. 110°19'E.	"	—	—				
14 May								
0.30 a.m.	4°42'S. 110°20'E.	"	29°5	33.21				
	53 M.	5	—	33.56				
		15	—	33.56				
		25	—	33.37				
		35	—	33.33				
		45	—	33.31				
1 "	4°42'S. 110°20'E.	surf.	29°8	—				
1.55 "	4°34'S. 110°21'E.	"	—	33.37				
2 "	id.	"	29°9	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
14 May								
2.55 a.m.	4°25'S. 110°22'E.	surf.	—	33.21				
	42 M.	5	29°7	33.06				
		15	29°7	32.94				
		25	29°7	33.06				
		35	29°7	33.03				
3 "	4°25'S. 110°21'E.	surf.	29°9	—				
4 "	4°24'S. 110°22'E.	"	29°8	—				
4.45 "	4°18'S. 110°23'E.	"	—	32.98				
5 "	4°16'S. 110°23'E.	"	29°9	—				
5.45 "	4°9' S. 110°24'E.	"	—	32.86				
	36 M.	5	—	32.92				
		15	—	32.77				
		25	—	32.85				
6 "	4°9' S. 110°25'E.	surf.	29°9	—				
7 "	4°0' S. 110°26'E.	"	30°1	32.97				
	36 M.	5	29°8	32.41				
		15	29°8	32.65				
		25	29°8	32.79				
8 "	id.	surf.	30°1	—				
9 "	id.	"	30°1	—				
10 "	4°0' S. 110°26'E.	"	29°8	—				
10.53 "	4°0' S. 110°33'E.	"	—	32.75				
11 "	4°0' S. 110°35'E.	"	31°—	—				
12 noon	4°0' S. 110°42'E.	"	31°2	32.80				
	35 M.	5	—	—				
		15	—	32.74				
		25	—	32.60				
1 p.m.	4°0' S. 110°48'E.	surf.	30°9	—				
1.20 "	4°0' S. 110°50'E.	"	30°9	32.85				
2 "	4°0' S. 110°57'E.	"	30°8	—				
2.20 "	4°0' S. 110°59'E.	"	30°8	32.81				
	36 M.	5	29°8	32.77				
		15	29°8	32.74				
		25	29°7	32.66				
3 "	4°0' S. 111°0' E.	surf.	30°8	—				
4 "	4°0' S. 111°8' E.	"	31°5	32.60				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
14 May								
4.40 p.m.	4°0' S. 111°15' E.	surf.	—	32.59				
	44 M.	5	29°8	32.42	N 280° E	8.6	NE 1	
		15	29°6	—	„ 303° „	17.1		
		25	29°6	—	„ 270° „	9.3		
		35	29°6	—	„ 245° „	5.9		
5 „	4°0' S. 111°15' E.	surf.	30°—	—				
6 „	id.	„	31°4	—				
7 „	id.	„	30°4	—				
8 „	4°3' S. 111°15' E.	„	30°2	—				
8.30 „	4°8' S. 111°15' E.	„	—	30.76				
9 „	4°12' S. 111°15' E.	„	29°5	—				
9.30 „	4°16' S. 111°15' E.	„	—	32.39				
	46 M.	5	—	32.47				
		15	—	32.85				
		25	—	—				
		35	—	33.03				
10 „	id.	surf.	29°9	—				
11 „	4°25' S. 111°15' E.	„	30°1	32.48				
12 m.n.	4°34' S. 111°15' E.	„	29°9	32.56				
	55 M.	5	29°7	32.60				
		15	29°7	32.66				
		25	29°7	32.65				
		35	29°7	32.75				
		45	29°6	33.03				
15 May								
1 a.m.	id.	surf.	29°9	—				
2 „	4°42' S. 111°15' E.	„	30°—	32.48				
3 „	4°50' S. 111°15' E.	„	30°—	32.39				
	58 M.	5	—	32.39				
		15	—	32.42				
		25	—	32.47				
		35	—	32.52				
		45	—	32.65				
		55	—	32.72				
4 „	4°54' S. 111°15' E.	surf.	29°9	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
15 May								
5 a.m.	5°0' S. 111°15' E.	surf.	29°5	31.89			W 1	
	64 M.	5	29°8	32.29	N 82° E	21.2		
		15	29°7	32.29	" 75° "	22.5		
		25	29°7	32.29	" 47° "	25.9		
		35	29°6	32.80	80° "	14.2		
		45	29°6	32.83	" 90° "	7.1		
		55	29°5	—				
6 "	5°0' S. 111°15' E.	surf.	29°4	—				
7 "	id.	"	29°3	—				
8 "	id.	"	29°3	—				
9 "	id.	"	29°3	—				
10 "	5°6' S. 111°15' E.	"	29°5	—				
10.15 "	5°8' S. 111°15' E.	"	—	—				
11 "	5°14' S. 111°15' E.	"	30°1	—				
11.15 "	5°16' S. 111°15' E.	"	—	31.93				
	58 M.	5	—	32.14				
		15	—	32.36				
		25	—	32.39				
		35	—	33.48				
		45	—	33.31				
		55	—	33.35				
12 noon	id.	surf.	30°2	—				
1 p.m.	5°20' S. 111°15' E.	"	30°2	—				
1.20 "	5°23' S. 111°15' E.	"	—	31.81				
2 "	5°29' S. 111°15' E.	"	30°3	—				
2.20 "	5°32' S. 111°15' E.	"	30°4	32.12				
		5	30°—	32.14				
		15	29°7	32.19				
		25	29°6	32.19				
		35	29°5	33.32				
		45	29°5	33.39				
		55	29°5	—				
		65	29°5	—				
3 "	id.	surf.	30°4	—				
4 "	id.	"	30°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
15 May								
5 p.m.	5°39'S. 111°15'E.	surf.	30°5	31.56				
6 "	5°46'S. 111°15'E.	"	30°2	—				
	60 M.	5	—	31.75				
		15	—	31.80				
		25	—	32.26				
		35	—	32.36				
		45	—	33.22				
		55	—	33.36				
7 "	5°48'S. 111°15'E.	surf.	30°1	—				
8 "	5°56'S. 111°15'E.	"	30°—	—				
9 "	6°4'S. 111°15'E.	"	29°9	—				
10 "	6°12'S. 111°15'E.	"	29°9	—				
10.10 "	6°14'S. 111°15'E.	"	29°9	31.93				
	53 M.	5	29°8	31.93	N 53° E	14.7	Calm.	
		15	29°8	31.93	" 75° "	12.7		
		25	29°6	31.90	" 98° "	18.8		
		35	29°2	31.90	" 95° "	36.2		
		45	29°2	31.87	" 96° "	33.4		
11 "	id.	surf.	29°9	—				
12 m.n.	id.	"	29°9	—				
16 May								
1 a.m.	id.	"	29°9	—				
2 "	6°17'S. 111°23'E.	"	29°9	31.91				
3 "	6°20'S. 111°31'E.	"	29°9	31.87				
	46 M.	5	—	31.69				
		15	—	31.73				
		25	—	31.90				
		35	—	32.84				
4 "	6°22'S. 111°36'E.	surf.	29°8	—				
4.20 "	6°24'S. 111°39'E.	"	—	31.62				
5 "	6°25'S. 111°44'E.	"	29°7	—				
5.20 "	6°26'S. 111°47'E.	"	—	31.15				
	46 M.	5	—	31.56				
		15	—	31.87				
		25	—	32.05				
		35	—	32.24				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
15 May								
5 p.m.	5°39'S. 111°15'E.	surf.	30°5	31.56				
6 "	5°46'S. 111°15'E.	"	30°2	—				
	60 M.	5	—	31.75				
		15	—	31.80				
		25	—	32.26				
		35	—	32.36				
		45	—	33.22				
		55	—	33.36				
7 "	5°48'S. 111°15'E.	surf.	30°1	—				
8 "	5°56'S. 111°15'E.	"	30°—	—				
9 "	6°4' S. 111°15'E.	"	29°9	—				
10 "	6°12'S. 111°15'E.	"	29°9	—				
10.10 "	6°14'S. 111°15'E.	"	29°9	31.93				
	53 M.	5	29°8	31.93	N 53° E	14.7	Calm.	
		15	29°8	31.93	" 75° "	12.7		
		25	29°6	31.90	" 98° "	18.8		
		35	29°2	31.90	" 95° "	36.2		
		45	29°2	31.87	" 96° "	33.4		
11 "	id.	surf.	29°9	—				
12 m.n.	id.	"	29°9	—				
16 May								
1 a.m.	id.	"	29°9	—				
2 "	6°17'S. 111°23'E.	"	29°9	31.91				
3 "	6°20'S. 111°31'E.	"	29°9	31.87				
	46 M.	5	—	31.69				
		15	—	31.73				
		25	—	31.90				
		35	—	32.84				
4 "	6°22'S. 111°36'E.	surf.	29°8	—				
4.20 "	6°24'S. 111°39'E.	"	—	31.62				
5 "	6°25'S. 111°44'E.	"	29°7	—				
5.20 "	6°26'S. 111°47'E.	"	—	31.15				
	46 M.	5	—	31.56				
		15	—	31.87				
		25	—	32.05				
		35	—	32.14				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 May								
6 a.m.	6°29'S. 111°52'E.	surf.	29°3	—				
6.40 "	6°31'S. 111°58'E.	"	—	28.66				
7 "	6°32'S. 112°0' E.	"	29°2	—				
7.40 "	6°34'S. 112°6' E.	"	—	31.27				
	53 M.	5	—	31.74				
		15	—	31.93				
		25	—	31.81				
		35	—	33.26				
8 "	6°34'S. 112°6' E.	surf.	29°3	—				
9 "	6°38'S. 112°13'E.	"	29°—	31.71				
10 "	6°40'S. 112°20'E.	"	29°3	30.82				
	51 M.	5	—	31.47				
		15	—	31.83				
		25	—	31.99				
		35	—	31.99				
		45	—	33.13				
11 "	6°40'S. 112°22'E.	surf.	29°3	—				
12 noon	6°40'S. 112°28'E.	"	29°1	—				
0.50 p.m.	6°39'S. 112°34'E.	"	29°2	29.07				
	47 M.	5	—	31.60				
		15	—	31.99				
		25	—	31.73				
		35	—	31.85				
1 "	id.	surf.	29°2	—				
2 "	6°30'S. 112°34'E.	"	29°4	—				
2.30 "	6°26'S. 112°34'E.	"	—	31.11				
	55 M.	5	—	30.99				
		15	—	31.73				
		25	—	31.80				
		35	—	31.80				
		45	—	32.85				
3 "	6°26'S. 112°34'E.	surf.	29°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
16 May								
4 a.m.	6°18'S. 112°34'E. 64 M.	surf. " 5 15 25 35 45	29°0 29°6 29°6 29°5 29°5 29°1 29°1	30.91 31.42? 31.80 31.80 31.80 33.58 33.58	N 306° E " 135° " " 40° ?" " 100° " " 130° " " 105° "	13.7 5.9 2.5 6.9 4.5 4.5	Calm.	
5 "	id.	55	29°1	—				
6 "	id.	surf.	29°6	—				
7 "	id.	"	29°5	—				
8 "	6°10'S. 112°34'E.	"	29°6	—				
8.30 "	6°6' S. 112°34'E.	"	—	32.14				
9 "	6°2' S. 112°34'E.	"	29°8	—				
9.10 p.m.	6°0' S. 112°34'E.	" 5 15 25 35 45 55	— — — — — — —	— 31.75 31.60 31.90 31.83 32.66 —				
10 "	5°58'S. 112°34'E.	surf.	29°7	—				
10.10 "	5°57'S. 112°34'E.	"	—	—				
10.40 "	5°53'S. 112°34'E.	"	29°7	—				
19 May								
1 p.m.	5°37'S. 112°34'E. 69 M.	" 5 15 25 35 45 55 65	32°1 29°8 29°7 29°6 29°5 29°4 29°3 29°3	32.04 31.90 31.89 32.12 32.10 33.18 33.22 33.27	N 224° E " 242° " " 250° " " 246° " " 260° " " 244° " " 260° "	19.2 19.2 13.7 15.— 4.2 11.— 5.5	Calm.	
5 "	id.	surf.	32°—	—				
6 "	5°36'S. 112°34'E.	"	30°5	—				
6.45 "	5°30'S. 112°34'E.	"	—	31.58				
7 "	5°28'S. 112°34'E.	"	30°8	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
19 May								
7.45 p.m.	5°22'S. 112°34'E.	surf.	—	31.38				
	69 M.	"	—	31.27				
		5	—	31.67				
		15	—	31.94				
		25	—	32.38				
		35	—	33.04				
		45	—	33.09				
		55	—	33.04				
8 "	id.	65	31°—	—				
9 "	5°16'S. 112°34'E.	surf.	30°2	—				
9.20 "	5°13'S. 112°34'E.	"	—	31.17				
10 "	5°8' S. 112°34'E.	"	30°2	—				
10.20 "	5°5' S. 112°34'E.	"	30°3	31.22				
11 "	5°0' S. 112°34'E.	"	30°3	31.17				
	62 M.	5	29°8	31.14				
		15	29°7	31.62				
		25	29°6	31.69				
		35	29°5	32.56				
		45	29°3	32.92				
		55	29°3	32.98				
12 m.n.	id.	surf.	30°1	—				
20 May								
1 a.m.	id.	"	29°9	—				
2 "	id.	"	29°8	—				
3 "	4°56'S. 112°34'E.	"	29°8	—				
3.35 "	4°52'S. 112°34'E.	"	30°—	31.43				
4 "	4°48'S. 112°34'E.	"	—	—				
4.35 "	4°43'S. 112°34'E.	"	—	31.17				
	57 M.	5	—	31.90				
		15	—	32.88				
		25	—	33.01				
		35	—	32.88				
		45	—	32.88				
5 "	id.	surf.	29°8	—				
6 "	4°35'S. 112°34'E.	"	29°8	31.14				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
20 May								
7 a.m.	4°27'S. 112°34'E.	surf.	30°—	31.22				
	46 M.	"	29°8	31.14				
		5	29°6	31.71				
		15	29°5	32.50				
		25	29°4	32.59				
8 "	4°26'S. 112°34'E.	35	30°1	—				
9 "	4°19'S. 112°34'E.	surf.	30°2	—				
10 "	4°11'S. 112°34'E.	"	30°—	31.14				
	38 M.	"	—	30.90				
		5	—	32.14				
		15	—	32.14				
		25	—	32.10				
11 "	4°7' S. 112°34'E.	35	30°1	—				
11.30 "	4°3' S. 112°34'E.	surf.	30°3	31.13				
12 noon	3°58'S. 112°34'E.	"	30°4	30.71			Calm.	
	28 M.	5	30°1	31.03	N 0° E	6.5		
		15	29°6	31.66	" 147° "	11.—		
		25	29°5	32.20	" 236° "	20.5		
1 p.m.	id.	surf.	30°3	—				
2 "	3°59'S. 112°37'E.	"	30°5	—				
2.25 "	4°0' S. 112°40'E.	"	—	31.20				
3 "	4°1' S. 112°45'E.	"	30°5	—				
3.25 "	4°3' S. 112°47'E.	"	—	31.66				
	28 M.	5	—	31.37				
		15	—	32.56				
		25	—	32.43				
4 "	4°4' S. 112°50'E.	surf.	30°4	—				
4.35 "	4°5' S. 112°52'E.	"	—	30.97				
5 "	4°7' S. 112°57'E.	"	30°5	—				
5.35 "	4°9' S. 113°0' E.	"	—	30.77				
	40 M.	5	—	31.04				
		15	—	31.47				
		25	—	32.43				
		35	—	32.37				
6 "	id.	surf.	30°7	—				
7 "	4°10'S. 113°8' E.	"	30°1	30.32				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
20 May								
8 p.m.	4°14'S. 113°15'E. 28 M.	surf. 5 15 25	30°2 — — —	30.12 30.25 32.21 32.51				
9 "	4°17'S. 113°21'E.	surf.	30°5	—				
9.15 "	4°18'S. 113°23'E.	"	—	29.42				
10 "	4°20'S. 113°28'E.	"	30°4	—				
10.30 "	4°21'S. 113°31'E. 35 M.	" 5 15 25	— — — —	29.04 30.85 31.73 32.56				
11 "	4°22'S. 113°35'E.	surf.	30°1	—				
11.30 "	4°23'S. 113°39'E.	"	—	28.42				
12 m.n.	4°25'S. 113°43'E.	"	30°	—				
21 May								
0.30 a.m.	4°26'S. 113°47'E. 33 M.	" 5 15 25	— 29°5 29°4 29°4	27.90 31.55 31.81 32.41	— N 170° E " 96° "	— 5.9 12.3	Calm.	
1 "	id.	surf.	30°—	—				
2 "	id.	"	29°9	—				
3 "	4°30'S. 113°47'E.	"	29°8	—				
3.30 "	4°34'S. 113°47'E.	"	—	28.74				
4 "	4°38'S. 113°47'E.	"	29°6	—				
4.30 "	4°42'S. 113°47'E. 40 M.	" 5 15 25 35	— — — — —	31.27 32.36 32.32 — —				
5 "	4°44'S. 113°47'E.	surf.	29°2	—				
5.45 "	4°50'S. 113°47'E.	"	—	31.87				
6 "	4°52'S. 113°47'E.	"	29°3	—				
6.45 "	4°58'S. 113°47'E.	"	—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
21 May								
7 a.m.	5°0' S. 113°47'E.	surf.	29°5	31.82				
	49 M.	5	29°4	31.92	N 318° E	13.7		Calm.
		15	29°5	31.90	" 316° "	16.7		
		25	29°5	32.10	" 340° "	14.—		
		35	29°4	32.74	" 344° "	22.5		
8 "	id.	surf.	29°5	—				
10 "	5°2' S. 113°47'E.	"	29°6	—				
10.45 "	5°8' S. 113°47'E.	"	—	32.22				
11 "	5°10' S. 113°47'E.	"	29°4	—				
12 noon	5°16' S. 113°47'E.	"	29°4	31.87				
	60 M.	5	—	31.74				
		15	—	31.81				
		25	—	31.87				
		35	—	32.74				
		45	—	32.97				
		55	—	32.84				
1 p.m.	5°16' S. 113°47'E.	surf.	29°4	—				
2 "	5°24' S. 113°47'E.	"	29°4	31.75				
3 "	5°32' S. 113°47'E.	"	29°4	31.75				
	68 M.	5	29°5	31.70				
		15	29°5	31.67				
		25	29°6	31.99				
		35	29°3	32.83				
		45	29°3	32.85				
		55	29°3	—				
4 "	id.	surf.	29°4	—				
5 "	5°41' S. 113°47'E.	"	29°3	32.18				
6 "	5°50' S. 113°47'E.	"	28°5	32.16				
	71 M.	5	—	31.92				
		15	—	31.90				
		25	—	31.99				
		35	—	32.31				
		45	—	33.13				
		55	—	33.32				
		65	—	34.64				
7 "	5°52' S. 113°47'E.	surf.	29°3	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Ob- serva- tion	t.	S.	Current Obser- vations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
21 May 8 p.m.	6°0'S. 113°47'E. 75 M.	surf. 5 15 25 35 45 55 65	29°3 '29°5 29°5 29°5 29°5 29°3 29°2 24°7	32.31 32.29 31.92 32.09 — 33.12 32.95 34.38				
					N 110° E " 120° " " 76° " " 215° " " 200° ? " 250° " " 287° "			
						4.2 3.5 6.9 10.6 2.5 4.2 7.6		
9 "	id.	surf.	29°4	—				
10 "	id.	"	29°4	—				
11 "	id.	"	29°5	—				
12 m.n.	5°54'S. 113°52'E.	"	29°3	—				
22 May								
1 a.m.	5°45'S. 113°52'E.	"	29°2	—				
2 "	5°36'S. 113°54'E.	"	29°4	—				
3 "	5°27'S. 113°57'E.	"	29°4	—				
4 "	5°18'S. 114°0' E.	"	29°4	—				
5 "	5°9' S. 114°2' E.	"	29°3	—				
6 "	5°0' S. 114°6' E.	"	29°3	—				
7 "	4°50'S. 114°8' E.	"	29°5	—				
8 "	4°41'S. 114°11'E.	"	29°4	—				
9 "	4°32'S. 114°14'E.	"	29°6	—				
25 May								
6 p.m.	4°18'S. 114°39'E.	" 5 15	29°8 29°4 29°4	29.74 31.— 31.82	N 120° E " 102° "			E 1-2
						57.9 50.4		
7 "	4°24'S. 114°40'E.	surf.	29°7	—				
7.20 "	4°26'S. 114°40'E.	"	—	29.31				
8 "	4°32'S. 114°40'E.	"	29°8	—				
8.20 "	4°35'S. 114°40'E. 31 M.	" 5 15 25	— — — —	29.75 30.62 32.31 32.19				
9 "	4°38'S. 114°40'E.	surf.	29°8	—				
10 "	4°46'S. 114°40'E.	"	29°2	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
25 May								
11 p.m.	4°55'S. 114°40'E.	surf.	29°4	29.94				
12 m.n.	4°59'S. 114°40'E.	"	29°4	—				
26 May								
0.30 a.m.	5°4' S. 114°40'E.	"	—	30.88				
1 "	5°9' S. 114°39'E.	"	29°4	—				
1.20 "	5°12'S. 114°39'E.	"	29°4	32.25				
	31 M.	5	—	32.16				
		15	—	32.29				
		25	—	32.38				
2 "	5°15'S. 114°38'E.	surf.	29°4	—				
2.40 "	5°19'S. 114°37'E.	"	—	32.27				
3 "	5°22'S. 114°37'E.	"	29°2	—				
3.40 "	5°29'S. 114°35'E.	"	—	32.27				
		5	—	32.30				
		15	—	32.37				
		25	—	32.61				
4 "	5°30'S. 114°35'E.	surf.	29°2	—				
5 "	5°39'S. 114°34'E.	"	29°2	32.65				
6 "	5°47'S. 114°32'E.	"	29°2	32.30				
		5	—	32.22				
		15	—	32.31				
		25	—	32.26				
7 "	id.	surf.	29°1	—				
8 "	5°54'S. 114°30'E.	"	28°8	—				
8.20 "	5°57'S. 114°30'E.	"	—	31.56				
9 "	6°2' S. 114°29'E.	"	29°4	—				
9.20 "	6°5' S. 114°28'E.	"	—	32.14				
	75 M.	5	29°4	32.01				
		15	29°4	31.87				
		25	29°4	31.87				
		35	29°2	32.54				
		45	26°7	33.84				
		55	25°0	34.22				
		65	23°1	34.42				
10 "	id.	surf.	29°2	—				
11 "	id.	"	29°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
26 May								
12 noon	6°10'S. 114°27'E.	surf.	29°1	—				
0.20 p.m.	6°12'S. 114°27'E.	"	—	31.85				
1 "	6°16'S. 114°26'E.	"	29°6	—				
1.20 "	6°19'S. 114°25'E.	"	—	31.65				
	.82 M.	5	—	31.55				
		15	—	31.73				
		25	—	32.10				
		35	—	32.54				
		45	—	33.13				
		55	—	33.82				
		65	—	33.87				
2 "	6°21'S. 114°24'E.	surf.	29°3	—				
2.50 "	6°27'S. 114°23'E.	"	—	—				
3 "	6°29'S. 114°23'E.	"	29°3	31.47				
3.50 "	6°36'S. 114°22'E.	"	29°4	31.87				
	.82 M.	5	29°2	31.90				
		15	29°1	31.96				
		25	28°8	32.39				
		35	28°5	32.54				
		45	26°9	33.47				
		55	26°4	33.78				
		65	24°8	34.18				
4 "	6°36'S. 114°22'E.	surf.	29°4	—				
5 "	id.	"	29°3	—				
6 "	6°39'S. 114°22'E.	"	29°2	—				
7 "	6°36'S. 114°15'E.	"	29°2	—				
8 "	6°31'S. 114°8' E.	"	29°4	—				
9 "	6°28'S. 114°0' E.	"	29°3	—				
10 "	6°25'S. 113°52'E.	"	29°4	—				
11 "	6°22'S. 113°44'E.	"	29°5	—				
12 m.n.	6°19'S. 113°36'E.	"	29°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
27 May								
0.45 a.m.	6°16'S. 113°32'E.	surf.	—	31.94				
	77 M.	5	29°4	31.94				
		15	29°4	32.01				
		25	29°4	32.05				
		35	29°1	33.27				
		45	29°1	33.47				
		55	26°9	33.61				
		65	25°2	34.12				
1 "	id.	surf.	29°4	—				
2 "	id.	"	29°4	—				
3 "	6°20'S. 113°32'E.	"	29°3	—				
3.30 "	6°23'S. 113°32'E.	"	—	31.67				
4 "	6°27'S. 113°32'E.	"	29°3	—				
4.30 "	6°31'S. 113°32'E.	"	—	31.61				
	57 M.	5	—	31.60				
		15	—	31.55				
		25	—	31.47				
		35	—	33.13				
		45	—	33.55				
5 "	id.	surf.	29°0	—				
6 "	6°40'S. 113°32'E.	"	29°4	31.80				
6.45 "	6°46'S. 113°32'E.	"	—	31.18				
	49 M.	5	—	31.32				
		15	—	31.23				
		25	—	31.18				
		35	—	32.88				
		45	—	33.13				
7 "	6°48'S. 113°32'E.	surf.	29°4	—				
8 "	6°40'S. 113°25'E.	"	29°4	—				
12 noon	6°47'S. 113°8' E.	"	—	—				
1 p.m.	6°39'S. 113°4' E.	"	29°5	—				
2 "	6°30'S. 112°59'E.	"	29°4	—				
3 "	6°22'S. 112°54'E.	"	29°5	—				
4 "	6°14'S. 112°49'E.	"	29°5	—				
5 "	6°8' S. 112°43'E.	"	29°3	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
27 May 6.30 p.m.	6°2' S. 112°39'E. 73 M.	surf.	—	31.76				
		5	29°4	32.04				
		15	29°4	31.91				
		25	29°4	31.98				
		35	—	33.13				
		45	29°3	33.24				
		55	29°3	33.48				
		65	25°8	34.38				
29 May 6 p.m.	6°3' S. 112°35'E. 46 M.	surf.	—	31.65				
		5	—	31.69				
		15	—	31.69				
		25	—	31.69				
		35	—	32.74				
7 "	6°9' S. 112°35'E.	surf.	29°4	31.73				
8 "	6°18'S. 112°35'E. 64 M.	"	29°3	32.05				
		5	—	31.96				
		15	—	—				
		25	—	—				
		35	—	—				
		45	—	33.36				
		55	—	33.23				
9 "	6°23'S. 112°35'E.	surf.	29°4	—				
9.30 "	6°28'S. 112°35'E.	"	—	31.71				
10 "	6°33'S. 112°35'E.	"	29°3	—				
10.30 "	6°38'S. 112°35'E. 68 M.	"	—	31.92				
		5	—	31.72				
		15	—	31.78				
		25	—	31.75				
		35	—	31.69				
		45	—	33.15				
		55	—	33.23				
11 "	6°40'S. 112°36'E.	surf.	29°4	—				
12 m.m.	6°48'S. 112°37'E.	"	29°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
30 May								
0.5 a.m.	6°48'S. 112°37'E.	surf.	—	31.65				
1.30 "	6°40'S. 112°37'E.	"	—	31.55				
	46 M.	5	—	31.46				
		15	—	31.58				
		25	—	31.52				
		35	—	31.55				
2 "	id.	surf.	29°3	—				
3 "	6°40'S. 112°30'E.	"	29°4	—				
4 "	6°37'S. 112°22'E.	"	29°4	—				
5 "	6°35'S. 112°13'E.	"	29°5	—				
6 "	6°34'S. 112°4' E.	"	29°6	—				
7 "	6°32'S. 111°55'E.	"	29°6	—				
8 "	6°30'S. 111°47'E.	"	29°6	—				
9 "	6°25'S. 111°39'E.	"	29°5	—				
10 "	6°22'S. 111°32'E.	"	29°4	—				
11 "	6°20'S. 111°24'E.	"	29°5	—				
11.30 "	6°19'S. 111°19'E.	"	29°4	31.69				
	46 M.	5	—	31.55				
		15	—	31.47				
		25	—	31.49				
		35	—	31.49				
		45	—	32.75				
1p.m.	6°8' S. 111°17'E.	surf.	29°4	—				
2 "	5°59'S. 111°17'E.	"	29°4	32.09				
	55 M.	5	—	32.19				
		15	—	31.80				
		25	—	31.99				
		35	—	32.19				
		45	—	33.26				
3 "	5°53'S. 111°17'E.	surf.	29°5	—				
3.15 "	5°51'S. 111°17'E.	"	—	31.65				
4 "	5°45'S. 111°17'E.	"	29°6	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
30 May								
4.15 p.m.	5°43'S. 111°17'E.	surf.	—	31.73				
		5	—	31.60				
		15	—	31.65				
		25	—	31.75				
		35	—	31.92				
		45	—	33.33				
		55	—	33.33				
5 "	5°41'S. 111°17'E.	surf.	29°5	—				
6 "	5°33'S. 111°17'E.	"	29°4	—				
6.50 "	5°27'S. 111°17'E.	"	—	32.19				
	68 M.	5	—	32.19				
		15	—	32.16				
		25	—	32.22				
		35	—	32.50				
		45	—	33.42				
		55	—	33.36				
7 "	id.	surf.	29°4	—				
8 "	5°23'S. 111°17'E.	"	29°4	—				
8.35 "	5°18'S. 111°17'E.	"	—	—				
9 "	5°15'S. 111°17'E.	"	29°4	—				
9.35 "	5°10'S. 111°17'E.	"	—	32.16				
	58 M.	5	—	32.03				
		15	—	32.03				
		25	—	32.13				
		35	—	32.46				
		45	—	33.06				
		55	—	33.03				
10 "	id.	surf.	29°4	—				
11 "	5°2' S. 111°17'E.	"	29°5	—				
11.15 "	5°0' S. 111°17'E.	"	—	32.01				
	57 M.	5	—	32.19				
		15	—	32.05				
		25	—	32.05				
		35	—	32.22				
		45	—	33.26				
12 m.n.	5°2' S. 111°13'E.	surf.	29°6	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
31 May								
1 a.m.	5°4' S. 111°4' E.	surf.	29°5	—				
2 "	5°6' S. 110°55' E.	"	29°6	—				
3 "	5°8' S. 110°45' E.	"	29°6	—				
4 "	5°10' S. 110°34' E.	"	29°6	—				
5 "	5°12' S. 110°24' E.	"	29°5	—				
6 "	5°14' S. 110°14' E.	"	29°5	—				
7 "	5°17' S. 110°3' E.	"	29°6	—				
8 "	5°19' S. 109°52' E.	"	29°6	—				
9 "	5°21' S. 109°42' E.	"	29°6	—				
10 "	5°23' S. 109°33' E.	"	29°5	—				
11 "	5°25' S. 109°24' E.	"	29°4	—				
12 noon	5°27' S. 109°15' E.	"	29°—	—				
1 p.m.	5°29' S. 109°5' E.	"	29°1	—				
2 "	5°31' S. 108°56' E.	"	28°9	—				
3 "	5°33' S. 108°46' E.	"	29°1	—				
4 "	5°35' S. 108°36' E.	"	29°3	—				
5 "	5°39' S. 108°27' E.	"	29°3	—				
6 "	5°41' S. 108°17' E.	"	29°3	—				
7 "	5°43' S. 108°7' E.	"	29°3	—				
8 "	5°45' S. 107°58' E.	"	29°1	—				
9 "	5°45' S. 107°49' E.	"	29°5	—				
10 "	5°45' S. 107°39' E.	"	29°3	—				
11 "	5°45' S. 107°30' E.	"	29°4	—				
12 m.n.	5°45' S. 107°21' E.	"	29°3	—				

Seasonal Cruise August 1915.

(Petterson-Nansen water bottle in use).

3 Aug.								
6 p.m.	5°49' S. 106°41' E.	surf.	29°4	31.98				
	47 M.	5	—	32.20				
		15	—	32.14				
		25	—	32.04				
		35	—	31.90				
		45	—	31.90				
7 "	id.	surf.	29°2	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
3 Aug.								
8 p.m.	5°42'S. 106°41'E. 47 M.	surf. 5 15 25 35	29°1 — — — —	32.31 — — — —				NE 1
9 "	id.	surf.	29°2	—				
10 "	id.	"	29°2	—				
11 "	5°33'S. 106°41'E. 36 M.	" 5 15 25	28°9 28°85 28°75 28°7	32.28 — 32.13 32.25				
12 m.n.	5°29'S. 106°41'E.	surf.	28°9	—				
4 Aug.								
0.30 a.m.	5°25'S. 106°41'E.	"	—	32.56				
1 "	5°22'S. 106°41'E.	"	28°7	—				
1.30 "	5°17'S. 106°41'E. 20 M.	" 5 15	28°5 28°6 28°6	32.56 32.52 32.52				
2 "	id.	surf.	28°5	—				
3.5 "	5°11'S. 106°41'E.	"	28°5	32.27				
4.5 "	5°2' S. 106°41'E.	"	28°8	—				
4.15 "	5°3' S. 106°41'E.	" 5 15	28°4 28°6 28°5	32.27 32.27 32.22	N 150° E " 150° "	14.9 7.8	E 1	
5 "	5°3' S. 106°41'E.	surf.	28°1	—				
6 "	id.	"	28°0	—				
7 "	4°55'S. 106°41'E.	"	28°2	—				
7.30 "	4°50'S. 106°41'E.	"	—	32.50				
8 "	4°47'S. 106°41'E.	"	28°5	—				
8.30 "	4°42'S. 106°41'E. 20 M.	" 5 15	— 28°6 28°6	32.60 32.66 —				
9 "	4°39'S. 106°41'E.	surf.	28°6	—				
9.30 "	4°35'S. 106°41'E.	"	—	32.34				
10 "	4°31'S. 106°41'E.	"	28°6	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
4 Aug.								
10.30 a.m.	4°26'S. 106°41'E.	surf.	—	32.19				
		5	—	32.34				
		15	—	32.27				
11 "	4°23'S. 106°41'E.	surf.	28°7	—				
11.50 "	4°18'S. 106°41'E.	"	28°6	32.55				
12 noon	4°16'S. 106°41'E.	"	—	—				
0.45 p.m.	4°10'S. 106°41'E.	"	28°8	32.70				
	22 M.	5	—	32.70				
		15	—	32.56				
2 "	4°3' S. 106°41'E.	surf.	28°9	32.56				
2.30 "	4°0' S. 106°41'E.	"	28°9	—			E 3	
	21 M.	5	28°7	32.38	N 265° E	17		
		15	28°6	32.51	" 230° "	6.1		
4 "	4°0' S. 106°46'E.	surf.	28°7	—				
4.30 "	4°0' S. 106°48'E.	"	—	32.48				
5 "	4°0' S. 106°51'E.	"	28°6	—				
5.30 "	4°0' S. 106°54'E.	"	28°9	32.49				
	20 M.	5	28°6	32.85				
		15	—	32.72				
6 "	4°0' S. 106°56'E.	surf.	28°6	—				
6.30 "	4°0' S. 106°59'E.	"	—	32.65				
7 "	4°0' S. 107°3' E.	"	28°5	—				
7.40 "	4°0' S. 107°6' E.	"	—	32.45				
	20 M.	5	28°6	32.45				
		15	28°6	32.45				
8 "	4°0' S. 107°6' E.	surf.	28°4	—				
9 "	4°0' S. 107°13'E.	"	28°3	32.45				
10 "	4°0' S. 107°20'E.	"	28°3	32.42			E 3	
		5	—	32.36	N 176° E	12.9		
		15	—	32.45	" 170° "	3.4		
11 "	id.	surf.	28°2	—				
12 m.n.	4°2' S. 107°20'E.	"	28°2	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
5 Aug.								
0.45 a.m.	4°8' S. 107°20'E.	surf.	—	32.47				
1 "	4°10'S. 107°20'E.	"	28°3	—				
1.45 "	4°16'S. 107°20'E.	"	—	32.54				
	24 M.	5	28°4	32.38				
		15	28°5	32.45				
2 "	id.	surf.	28°5	—				
3 "	4°22'S. 107°20'E.	"	28°4	—				
3.10 "	4°23'S. 107°20'E.	"	—	32.36				
4 "	4°31'S. 107°20'E.	"	28°4	—				
4.10 "	4°32'S. 107°20'E.	"	—	32.27				
	25 M.	5	—	32.27				
		15	—	32.39				
5 "	4°36'S. 107°20'E.	surf.	28°2	—				
5.25 "	4°40'S. 107°20'E.	"	—	32.27				
6 "	4°45'S. 107°20'E.	"	28°2	—				
6.25 "	4°50'S. 107°20'E.	"	—	32.13				
		5	28°5	32.05				
		15	29°5	32.12				
		25	28°5	32.14				
7 "	4°51'S. 107°20'E.	surf.	28°2	—				
8 "	4°59'S. 107°20'E.	"	28°1	—				
8.30 "	5°3' S. 107°20'E.	"	—	32.27			E 2-3	
	27 M.	5	28°5	32.30	N 287°5 E	39.5		
		15	28°5	32.30	" 299 "	39.8		
		25	28°4	32.26	" 295 "	29.6		
9 "	id.	surf.	28°7	—				
10 "	id.	"	28°7	—				
11 "	5°10'S. 107°20'E.	surf.	28°7	32.20				
0.10 p.m.	5°18'S. 107°19'E.	"	28°8	32.07				
	38 M.	5	—	32.10				
		15	—	32.01				
		25	—	31.94				
		35	—	31.94				
1 "	5°22'S. 107°18'E.	surf.	28°9	—				
1.30 "	5°26'S. 107°18'E.	"	—	31.81				
2 "	5°30'S. 107°18'E.	"	29°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
5 Aug.								
2.30 p.m.	5°35'S. 107°17'E.	surf.	—	31.76				
	53 M.	5	28°7	31.83				
		15	28°7	31.80				
		25	28°7	31.83				
		35	28°7	31.83				
		45	28°7	31.83				
3 "	id.	surf.	28°7	—				
4 "	5°41'S. 107°17'E.	"	28°7	—				
4.10 "	5°42'S. 107°16'E.	"	—	31.94				
5 "	5°50'S. 107°14'E.	"	28°8	32.07				
	29 M.	6	—	—				
		15	—	—				
		25	—	—				
6 "	id.	surf.	28°7	—				
7 "	5°51'S. 107°17'E.	"	28°6	—				
7.20 "	5°51'S. 107°19'E.	"	—	31.37				
8 "	5°51'S. 107°23'E.	"	28°5	—				
8.30 "	5°51'S. 107°26'E.	"	—	31.44				
	24 M.	5	28°4	31.47				
		15	28°4	31.47				
9 "	5°52'S. 107°26'E.	surf.	28°6	—				
10 "	5°52'S. 107°33'E.	"	28°5	31.47				
10.10 "	5°52'S. 107°34'E.	"	—	—				
11 "	5°52'S. 107°40'E.	"	28°5	—				
12 m.n.	5°53'S. 107°48'E.	"	28°5	—				
6 Aug.								
2.15 a.m.	5°54'S. 108°3' E.	surf.	—	31.85				
	42 M.	5	—	31.55				
		15	—	31.61				
		25	—	31.65				
		35	—	31.55				
4 "	5°56'S. 108°10'E.	surf.	28°6	31.78				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
6 Aug.								
5.10 a.m.	5°56'S. 108°16'E.	surf.	28°7	31.67				
	40 M.	5	28°7	31.74				
		15	28°7	31.90				
		25	28°7	31.93				
		35	28°8	31.96				
6 "	5°56'S. 108°16'E.	surf.	27°9	—				
7 "	5°48'S. 108°16'E.	"	28°3	31.62				
8 "	5°40'S. 108°16'E.	"	28°3	—				
8.15 "	5°38'S. 108°16'E.	"	—	31.90			NE 1	
	49 M.	5	—	—	N 291° E	32.1		
		15	—	32.01	" 295° "	32.1		
		25	—	31.99	" 293° "	31.4		
		35	—	31.85	" 291° "	32.4		
		45	—	31.92	" 293° "	27.—		
9 "	id.	surf.	28°6	—				
10 "	id.	"	28°6	32.—				
11 "	5°31'S. 108°16'E.	"	28°5	—				
11.30 "	5°27'S. 108°16'E.	"	—	31.91				
12 noon	5°23'S. 108°16'E.	"	28°5	—				
0.30 p.m.	5°18'S. 108°16'E.	"	—	31.87				
	47 M.	5	28°5	31.84				
		15	28°5	31.78				
		25	28°5	31.75				
		35	28°5	31.82				
		45	28°5	31.92				
1 "	5°17'S. 108°17'E.	surf.	28°6	—				
2 "	5°9' S. 108°17'E.	"	28°2	31.85				
3 "	5°0' S. 108°17'E.	"	28°5	—				
3.30 "	4°55'S. 108°17'E.	surf.	—	31.94			SE 2	
	40 M.	5	—	32.03	N 318° E	42.9		
		15	—	31.80	" 239° "	36.8		
		25	—	31.83	" 327° "	19.1		
		35	—	31.98	" 317° "	9.3		
4 "	id.	surf.	28°4	—				
5 "	id.	"	27°8	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
6 Aug.								
6 p.m.	4°55'S. 108°17'E.	surf.	28°3	—				
7 "	id.	"	28°5	—				
8 "	4°46'S. 108°18'E.	"	28°5	32.36				
9 "	4°39'S. 108°18'E.	"	28°5	32.59				
	38 M.	5	28°5	32.43				
		15	28°5	32.47				
		25	28°5	32.54				
		35	28°4	32.43				
10 "	4°32'S. 108°18'E.	surf.	28°5	—				
10.30 "	4°29'S. 108°18'E.	"	—	32.50				
11 "	4°26'S. 108°18'E.	"	28°4	—				
11.30 "	4°23'S. 108°18'E.	"	—	32.45				
		5	—	32.29				
		15	—	32.27				
		25	—	32.27				
		35	—	32.27				
12 m.n.	4°21'S. 108°18'E.	surf.	28°4	32.59				
7 Aug.								
0.45 a.m.	4°14'S. 108°18'E.	"	—	—				
1 "	4°12'S. 108°18'E.	"	28°5	32.57				
1.45 "	4°6' S. 108°18'E.	"	—	32.48				
	38 M.	5	28°4	32.48				
		15	28°4	32.43				
		25	28°4	32.46				
		35	28°4	32.66				
2 "	id.	surf.	28°4	—				
3 "	4°3' S. 108°18'E.	"	28°3	—				
3.30 "	3°58'S. 108°18'E.	surf.	—	32.68			E 2	
	38 M.	5	—	—	N 132° E	25.4		
		15	—	—	" 92° "	17.9		
		25	—	—	" 55° "	14.5		
		35	—	—	" 20° "	13.5		
4 "	id.	surf.	28°3	—				
5 "	3°58'S. 108°20'E.	"	28°2	—				

TEMPERATURES, SALINITIES AND
 CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
7 Aug.								
5.55 a.m.	3°58'S. 108°27'E.	surf.	—	32.86				
	35 M.	5	—	32.98				
		15	—	32.79				
		25	—	32.85				
6 "	3°58'S. 108°28'E.	surf.	28°4	—				
7 "	3°58'S. 108°35'E.	"	28°4	—				
7.15 "	3°58'S. 108°37'E.	"	—	32.79				
8 "	3°59'S. 108°44'E.	"	28°4	—				
8.15 "	3°59'S. 108°46'E.	"	—	32.81				
		5	28°3	32.86				
		15	28°3	32.86				
		25	28°3	32.94				
9 "	3°59'S. 108°48'E.	surf.	28°3	—				
9.35 "	3°59'S. 108°51'E.	"	—	32.94				
10 "	3°59'S. 108°54'E.	"	28°1	—				
10.38 "	3°59'S. 108°58'E.	"	—	—				
	35 M.	5	—	33.04				
		15	—	33.04				
		25	—	33.08				
11 "	3°59'S. 109°0' E.	surf.	28°4	—				
11.45 "	3°59'S. 109°7' E.	"	—	33.08				
12 noon	3°59'S. 109°9' E.	"	28°3	—				
1 p.m.	3°59'S. 109°14'E.	"	28°3	32.97			E 3-4	
	46 M.	5	28°2	32.95	N 325° E	57.9		
		15	28°2	32.95	" 324° "	47		
		25	28°1	32.88	" 328° "	43.6		
		35	28°1	33.01	" 325° "	33.4		
2 "	3°59'S. 109°13'E.	surf.	28°2	—				
3 "	id.	"	28°2	—				
4 "	4°5' S. 109°12'E.	"	28°1	—				
4.15 "	4°7' S. 109°12'E.	"	—	33.13				
5 "	4°11'S. 109°12'E.	"	28°1	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
7 Aug.								
5.15 p.m.	4°13'S. 109°12'O.	surf.	—	33.35				
"	44 M.	5	—	33.12				
		15	—	33.12				
		25	—	33.12				
		35	—	33.24				
6 "	4°15'S. 109°12'O.	surf.	28°1	—				
6.30 "	4°18'S. 109°12'O.	"	—	33.23				
7 "	4°21'S. 109°12'O.	"	28°2	—				
7.30 "	4°24'S. 109°12'O.	"	—	33.30				
	46 M.	5	28°2	33.27				
		15	28°1	33.27				
		25	28°1	33.27				
		35	28°1	33.27				
8 "	id.	surf.	28°1	—				
9 "	4°31'S. 109°12'O.	"	28°1	—				
9.5 "	4°32'S. 109°12'O.	"	—	33.32				
10 "	4°39'S. 109°12'O.	"	28°1	—				
10.15 "	4°41'S. 109°12'O.	"	—	33.32				
	44 M.	5	—	33.36				
		15	—	33.36				
		25	—	33.36				
		35	—	33.36				
11 "	4°44'S. 109°12'O.	surf.	28°—	—				
11.45 "	4°50'S. 109°12'O.	"	—	33.39				
12 m.n.	4°52'S. 109°12'O.	"	28°1	—				
8 Aug.								
1 a.m.	5°0' S. 109°12'O.	"	28°2	33.39			E 3-4	
	51 M.	5	28°1	33.35	N 93° E	28.—		
		15	28°1	33.39	" 113° "	28.7		
		25	28°1	33.32	" 130° "	28.2		
		35	28°1	33.35	" 114° "	23.2		
		45	28°1	33.42	" 186° "	18.5		
2 a.m.	5°0' S. 109°12'O.	surf.	28°2	—				
3 "	id.	"	27°9	—				
4 "	id.	"	27°9	—				
5 "	5°5'S. 109°13'O.	"	27°8	33.44				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 Aug								
6 a.m.	5°13'S. 109°13'E.	surf.	28°1	33.24				
		5	—	33.41				
		15	—	33.39				
		25	—	33.39				
		35	—	33.39				
		45	—	33.39				
7 "	5°17'S. 109°13'E.	surf.	28°—	—				
7.30 "	5°20'S. 109°13'E.	"	—	33.28				
8 "	5°23'S. 109°13'E.	"	28°1	—				
8.30 "	5°26'S. 109°12'E.	"	—	33.56				
	55 M.	5	28°2	33.37				
		15	28°2	33.31				
		25	28°2	—				
		35	28°2	—				
		45	28°2	—				
9 "	id.	surf.	28°1	—				
10 "	5°32'S. 109°12'E.	"	28°1	33.13				
11 "	5°38'S. 109°12'E.	"	28°—	33.13				
	57 M.	5	—	33.15				
		15	—	33.15				
		25	—	33.15				
		35	—	33.15				
		45	—	33.12				
12 noon	5°41'S. 109°10'E.	surf.	28°3	—				
0.30 p.m.	5°45'S. 109°10'E.	"	—	32.86				
1 "	5°48'S. 109°10'E.	"	—	—				
2 "	5°56'S. 109°9' E.	"	28°9	—				
2.30 "	6°0' S. 109°8' E.	"	—	32.19			E 2	
	55 M.	5	28°7	32.39	N 310° E	77.—		
		15	28°5	32.43	" 298° "	57.9		
		25	28°5	32.56	" 287° "	34.8		
		35	28°4	32.97	" 280° "	8.9		
		45	28°4	33.32	" 252° "	8.9		
3 "	id.	surf.	28°7	—				
4 "	id.	"	29°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 Aug.								
5 p.m.	6°7' S. 109°9' E.	surf.	29°2	—				
6 "	6°15' S. 109°10' E.	"	29°1	32.12				
		5	—	32.—				
		15	—	31.83				
		25	—	31.90				
		35	—	32.65				
		45	—	32.70				
7 "	id.	surf.	29°1	—				
8 "	6°16' S. 109°15' E.	"	28°7	—				
8.20 "	6°16' S. 109°17' E.	"	—	31.87				
9 "	6°16' S. 109°22' E.	"	28°8	—				
9.20 "	6°16' S. 109°24' E.	"	—	31.70				
	56 M.	5	28°8	31.69				
		15	28°7	31.69				
		25	28°5	32.21				
		35	28°4	32.66				
		45	28°3	32.97				
10 "	6°17' S. 109°25' E.	surf.	28°9	—				
10.50 "	6°17' S. 109°31' E.	"	—	31.84				
11 "	6°17' S. 109°32' E.	"	28°5	—				
11.50 "	6°17' S. 109°38' E.	"	—	31.91				
		5	—	31.94				
		15	—	31.99				
		25	—	32.45				
		35	—	32.92				
		45	—	32.92				
12 noon	id.	surf.	28°8	—				
9 Aug.								
1 a.m.	6°17' S. 109°42' E.	"	28°6	—				
1.25 "	6°17' S. 109°45' E.	"	—	32.03				
2 "	6°17' S. 109°49' E.	"	28°6	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 Aug.								
2.25 a.m.	6°17'S. 109°52'E. 53 M.	surf. 5 15 25 35 45	— 28°6 28°4 28°2 28°2 28°2	32.18 31.99 32.57 32.68 32.81 32.94				
3 "	6°17'S. 109°52'E.	surf.	28°—	32.20				
4 "	6°18'S. 109°58'E.	"	—	—				
4.7 "	6°18'S. 109°59'E.	"	—	32.19				
5 "	6°18'S. 110°5' E.	"	28°3	—				
5.7 "	6°18'S. 110°7' E.	" 5 15 25 35 45	— — — — — —	32.39 32.48 32.38 32.42 32.42 32.42				
6 "	6°19'S. 110°11'E.	surf.	27°9	—				
6.30 "	6°19'S. 110°14'E.	"	—	32.72				
7 "	6°20'S. 110°18'E.	" 5 15 25 35 45	27°9 28°3 28°3 28°3 28°3 28°2	32.95 32.95 32.70 32.70 32.70 32.77				
8 "	6°18'S. 110°19'E.	surf.	28°2	—				
8.40 "	6°14'S. 110°20'E.	"	—	33.23				
9 "	6°12'S. 110°20'E.	"	28°1	—				
9.40 "	6°7' S. 110°20'E.	" 5 15 25 35	— — — — —	33.17 33.04 33.12 33.12 33.11				
10 "	id.	surf.	28°2	—				
11 "	6°0' S. 110°20'E.	"	28°4	32.99				
12 noon	5°53'S. 110°20'E.	"	28°3	33.19				
1 p.m.	5°46'S. 110°19'E.	"	28°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour.	Reckoning and depth.	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 Aug.								
2 p.m.	5°40'S. 110°17'E.	surf.	28°—	—				
	55 M.	5	28°3	33.12				
		15	28°1	33.04				
		25	28°1	33.13				
		35	—	33.10				
		45	—	33.13				
3 "	5°35'S. 110°16'E.	surf.	28°2	—				
3.30 "	5°31'S. 110°16'E.	"	—	33.53				
4 "	5°27'S. 110°16'E.	"	28°2	—				
4.30 "	5°23'S. 110°16'E.	"	—	33.64				
	64 M.	5	—	33.50				
		15	—	33.44				
		25	—	33.44				
		35	—	33.37				
		45	—	33.37				
		55	—	33.44				
5 "	5°22'S. 110°16'E.	surf.	28°3	—				
5.50 "	5°15'S. 110°16'E.	"	—	33.32				
6 "	5°13'S. 110°16'E.	"	28°1	—				
6.50 "	5°7' S. 110°16'E.	"	—	33.40				
		5	28°2	33.53				
	62 M.	15	28°2	33.53				
		25	28°1	33.40				
		35	28°1	33.49				
		45	28°1	—				
		55	28°1	—				
7 "	5°7' S. 110°16'E.	surf.	28°2	—				
8 "	5°3' S. 110°16'E.	"	28°2	33.49			E 3	
	58 M.	5	—	—	N 283° E	19.8		
		15	—	—	" 287° "	30.7		
		25	—	—	" 280° "	15.8		
		35	—	—	" 170° "	17.1		
		45	—	—	" 105° "	12.4		
		55	—	—	" 96° "	9.6		
9 "	id.	surf.	28°2	—				
10 "	5°1' S. 110°16'E.	"	28°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 Aug. 10.45 p.m.	4°55'S. 110°16'E. 62 M.	surf. 5 15 25 35 45 55	— — — — — —	33.64 33.55 33.50 33.50 33.50 33.50 33.48				
11 " 12 m.n.	4°55'S. 110°16'E. 4°48'S. 110°16'E.	surf. "	28°— 27°9	— —				
10 Aug. 0.10 a.m.	4°47'S. 110°16'E.	"	27°7	33.82				
1 " 1.15 "	4°41'S. 110°17'E. 4°39'S. 110°17'E.	" " 5 15 25 35 45	— 27°9 27°9 27°9 27°9 27°9	— 33.98 33.95 33.93 33.86 33.86 33.86				
2 " 2.55 "	4°38'S. 110°18'E. 4°30'S. 110°19'E.	surf. "	27°9 —	— 33.79				
3 " 3.55 "	4°29'S. 110°19'E. 4°22'S. 110°20'E.	" " 5 15 25 35	27°9 — — — —	— 33.62 33.60 33.53 33.66 33.66				
4 " 5 " 5.15 " 6 " 6.15 " 6.55 "	id. 4°16'S. 110°21'E. 4°14'S. 110°21'E. 4°7' S. 110°22'E. 4°5' S. 110°22'E. 3°58'Z. 110°24'E. 36 M.	surf. " " " " " 5 15 25	27°8 27°8 — 27°6 — 27°8 27°8 27°8	— — 33.62 — 33.51 33.17 33.21 33.13 33.13				
7 "	id.	surf.	27°8	—			E 4	
					N 315° E " 302° " " 280° "	37.5 40.2 37.5		

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 Aug.								
8 a.m.	3°58'S. 110°24'E.	surf.	27°9	—				
9 "	id.	"	27°8	—				
9.50 "	3°58'S. 110°30'E.	"	—	33.17				
10 "	3°58'S. 110°31'E.	"	27°6	—				
10.50 "	3°58'S. 110°35'E.	"	—	33.23				
11 "	3°58'S. 110°36'E.	"	27°9	—				
11.50 "	3°58'S. 110°40'E.	"	—	33.53				
	33°M.	5	—	33.44				
		15	—	33.48				
		25	—	33.44				
12 noon	id.	surf.	28°—	—				
1 p.m.	3°58'S. 110°45'E.	"	27°8	33.53				
2 "	3°58'S. 110°49'E.	"	27°9	33.49				
3 "	3°58'S. 110°53'E.	"	27°9	33.49				
		5	27°8	33.48				
		15	27°8	33.40				
		25	27°8	33.40				
4 "	3°58'S. 110°55'E.	surf.	27°7	—				
4.15 "	3°58'S. 110°57'E.	"	—	33.73				
5 "	3°58'S. 111°2' E.	"	27°6	—				
5.15 "	3°58'S. 111°3' E.	"	—	33.69				
6 "	3°58'S. 111°7' E.	"	27°7	—				
6.15 "	3°58'S. 111°9' E.	"	—	33.75				
	46 M.	5	—	33.68				
		15	—	33.70				
		25	—	33.77				
		35	—	33.76				
7 "	3°58'S. 111°11'E.	surf.	27°8	—				
7.45 "	3°58'S. 111°15'E.	"	—	34.02				
	44 M.	5	27°6	34.05				
		15	27°6	34.04				
		25	27°6	34.08				
8 "	id.	surf.	27°7	—				
9 "	id.	"	27°7	—				
10 "	3°59'S. 111°15'E.	"	27°6	—				
10.50 "	4°4' S. 111°15'E.	"	27°7	34.45				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 Aug								
11 p.m.	4°5' S. 111°16'E.	surf.	—	—				
11.50 "	4°12'S. 111°16'E.	"	—	—				
	51 M.	5	—	34.29				
		15	—	34.36				
		25	—	34.23				
		35	—	34.23				
		45	—	34.23				
12 m.n.	id.	surf.	27°7	—				
11 Aug.								
1 a.m.	4°19'S. 111°16'E.	"	27°7	—				
1.15 "	4°21'S. 111°17'E.	"	—	34.38				
2 "	4°27'S. 111°17'E.	"	27°7	—				
2.15 "	4°29'S. 111°18'E.	"	—	34.27				
	55 M.	5	27°8	34.32				
		15	27°8	34.32				
		25	27°8	34.32				
		35	27°8	34.32				
		45	27°8	34.27				
3 "	4°29'S. 111°18'E.	surf.	27°8	—				
3.55 "	4°37'S. 111°19'E.	"	—	34.27				
4 "	4°38'S. 111°19'E.	"	27°8	—				
4.55 "	4°45'S. 111°20'E.	"	—	34.33				
		5	—	34.14				
		15	—	34.14				
		25	—	34.14				
		35	—	34.27				
		45	—	34.14				
		55	—	34.14				
5 "	id.	surf.	27°8	—				
6 "	4°48'S. 111°20'E.	"	27°8	—				
6.30 "	4°51'S. 111°19'E.	"	—	34.33				
7 "	4°55'S. 111°18'E.	"	27°8	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 Aug.								
7.45 a.m.	5°1'S. 111°16'E.	surf.	—	—			ESE 4	
	60 M.	5	—	—	N 324° E	26.6		
		15	—	—	„ 297° „	22.5		
		25	—	—	„ 294° „	21.2		
		35	—	—	„ 302° „	22.5		
		45	—	—	„ 300° „	21.2		
		55	—	—	„ 264° „	22.5		
8 „	5°1'S. 111°16'E.	surf.	27°9	—				
9 „	id.	„	27°9	—				
10 „	id.	„	28°—	—				
10.55 „	5°9'S. 111°16'E.	„	28°3	34.14				
	57 M.	5	27°9	34.02				
		15	27°9	34.02				
		25	27°9	34.02				
		35	27°9	34.22				
		45	27°9	34.11				
11 „	id.	surf.	—	—				
12 noon	5°12'S. 111°15'E.	„	27°8	—				
0.25 p.m.	5°16'S. 111°14'E.	„	—	34.02				
1 „	5°19'S. 111°13'E.	„	27°9	34.03				
1.25 „	5°23'S. 111°13'E.	„	—	34.03				
	66 M.	5	—	34.03				
		15	—	34.05				
		25	—	34.09				
		35	—	34.12				
		45	—	33.96				
		55	—	33.98				
2 „	5°24'S. 111°13'E.	surf.	28°—	—				
2.50 „	5°33'S. 111°11'E.	„	—	34.18				
3 „	5°34'S. 111°11'E.	„	28°2	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 Aug.								
3.50 p.m.	5°42'S. 111°10'E.	surf.	—	33.91				
	68 M.	5	28°2	33.86				
		15	28°1	33.84				
		25	28°1	33.84				
		35	28°—	33.77				
		45	28°—	33.89				
		55	28°—	33.86				
		65	28°—	34.05				
4 "	id.	surf.	27°9	—				
5 "	5°45'S. 111°9' E.	"	28°2	—				
5.35 "	5°49'S. 111°9' E.	"	—	33.95				
6 "	5°52'S. 111°9' E.	"	28°1	—				
6.35 "	5°55'S. 111°9' E.	"	—	33.62				
	55 M.	5	—	33.66				
		15	—	33.70				
		25	—	33.64				
		35	—	33.77				
		45	—	33.84				
7 "	5°56'S. 111°9' E.	surf.	27°6	—				
7.50 "	6°2' S. 111°8' E.	"	—	33.60				
8 "	6°3' S. 111°8' E.	"	28°1	—				
8.50 "	6°9' S. 111°12'E.	"	—	33.56				
9 "	6°10'S. 111°13'E.	"	28°—	—				
9.35 "	6°12'S. 111°15'E.	"	—	—			NE 2-3	
		5	28°1	33.40	N 155° E	21.2		
		15	28°1	33.47	" 127° "	18.5		
		25	28°1	33.40	" 153° "	14.4		
		35	28°2	33.53	" 94° "	23.2		
		45	28°2	33.60	" 85° "	34.8		
10 "	id.	surf.	27°8	—				
11 "	id.	"	27°8	—				
12 m.n.	6°12'S. 111°16'E.	"	27°9	—				
12 Aug.								
0.50 a.m.	6°14'S. 111°22'E.	"	—	33.46				
1 "	6°14'S. 111°23'E.	"	28°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
12 Aug.								
1.50 a.m.	6°17'S. 111°30'E.	surf.	—	33.40				
	47 M.	5	—	33.44				
		15	—	33.37				
		25	—	33.37				
		35	—	34.27				
		45	—	34.37				
2 "	id.	surf.	28°—	—				
3 "	6°21'S. 111°37'E.	"	28°—	—				
3.10 "	6°21'S. 111°38'E.	"	—	34.03				
4 "	6°24'S. 111°42'E.	"	28°—	—				
4.10 "	6°24'S. 111°43'E.	surf.	—	33.47				
	40 M.	5	28°1	33.32				
		15	27°8	34.13				
		25	27°8	—				
		35	27°7	34.29				
5 "	6°25'S. 111°46'E.	surf.	28°—	—				
5.40 "	6°27'S. 111°52'E.	"	27°9	33.91				
6 "	6°28'S. 111°55'E.	"	27°9	—				
6.50 "	6°31'S. 112°2' E.	"	—	34.13				
		5	—	34.09				
		15	—	33.96				
		25	—	34.09				
		35	—	34.07				
7 "	6°31'S. 112°2' E.	surf.	27°8	—				
7.50 "	6°34'S. 112°10'E.	"	—	33.71				
8.50 "	6°38'S. 112°18'E.	"	28°—	33.97				
	47 M.	5	27°7	34.02				
		15	27°7	33.95				
		25	27°7	34.05				
		35	27°7	34.05				
		45	27°7	34.12				
9 "	6°38'S. 112°18'E.	surf.	—	—				
10.15 "	6°41'S. 112°26'E.	"	—	33.95				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
12 Aug.								
11.15 a.m.	6°45'S. 112°33'E.	surf.	—	33.91				
	46 M.	5	—	33.85				
		15	—	33.85				
		25	—	33.88				
		35	—	34.09				
12 noon	id.	surf.	28°2	—				
14 Aug.								
9 p.m.	6°34'S. 112°37'E.	"	28°1	—				
9.45 "	6°28'S. 112°34'E.	"	—	33.94				
	58 M.	5	27°8	33.91				
		15	27°8	34.08				
		25	27°8	34.02				
		35	27°8	33.95				
		45	27°8	33.95				
		55	27°7	34.02				
10 "	6°28'S. 112°34'E.	surf.	27°8	—				
11 "	6°25'S. 112°34'E.	"	27°7	—				
11.30 "	6°21'S. 112°34'E.	"	—	34.02				
12 m.n.	6°17'S. 112°34'E.	"	27°7	—				
15 Aug.								
0.30 a.m.	6°13'S. 112°34'E.	"	—	34.14			E 2	
		5	—	34.14	N 320° E	20.5		
		15	—	34.14	" 291°6,,	28.—		
		25	—	34.14	" 305° "	24.6		
		35	—	34.14	" 317°5,,	23.2		
		45	—	34.14	" 340° "	17.1		
		55	—	34.27	" 18° "	14.1		
1 "	id.	surf.	27°4	—				
2 "	id.	"	27°5	—				
3 "	id.	"	27°5	—				
4 "	id.	"	27°5	—				
5 "	6°9'S. 112°34'E.	"	27°5	—				
5.30 "	6°5'S. 112°34'E.	"	—	34.23				
6 "	6°2'S. 112°34'E.	"	27°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
15 Aug.								
6.30 a.m.	5°58'S. 112°34'E.	surf.	—	34.54				
	67 M.	5	27°4	34.36				
		15	27°4	34.49				
		25	27°4	34.43				
		35	27°4	34.50				
		45	27°4	34.60				
		55	27°4	34.46				
7 "	id.	surf.	27°4	—				
7.30 "	5°56'S. 112°34'E.	"	—	34.51				
12 noon	5°48'S. 112°33'E.	"	27°6	—				
1 p.m.	id.	"	27°7	—				
2 "	5°42'S. 112°33'E.	"	27°6	—				
3 "	5°37'S. 112°33'E.	"	27°7	—				
3.10 "	5°36'S. 112°33'E.	"	—	34.78				
	69 M.	5	—	34.73				
		15	—	34.73				
		25	—	34.74				
		35	—	34.61				
		45	—	—				
		55	—	34.61				
		65	—	34.61				
5 "	5°36'S. 112°33'E.	surf.	27°5	—				
6 "	5°33'S. 112°33'E.	"	27°3	—				
6.30 "	5°29'S. 112°34'E.	"	—	34.60				
7 "	5°25'S. 112°34'E.	"	27°4	—				
7.30 "	5°21'S. 112°34'E.	"	—	34.47				
	73 M.	5	27°3	34.51				
		15	27°3	34.58				
		25	27°3	34.55				
		35	27°3	34.55				
		45	27°3	34.49				
		55	27°3	34.55				
		65	27°3	34.60				
8 "	id.	surf.	27°3	—				
9 "	5°14'S. 112°35'E.	"	27°6	—				
9.15 "	5°12'S. 112°35'E.	"	—	34.43				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
15 Aug.								
10 p.m.	5°6' S. 112°35'E.	surf.	27°4	—				
10.15 "	5°4' S. 112°35'E.	"	—	34.52			E 4	
	67 M.	5	—	34.60	N 285° E	15.7		Ship strongly swaying
		15	—	34.47	" 213° "	17.8		
		25	—	34.47	" 200° "	19.2		
		35	—	34.56	" 262° "	23.9		
		45	—	34.56	" 290° "	19.8		
		55	—	34.56	" 303° "	16.4		
		65	—	34.56	—	—		
11 "	id.	surf.	27°2	—				
12 m.n.	id.	"	27°3	—				
16 Aug.								
1 a.m.	4°58'S. 112°36'E.	"	27°4	—				
1.15 "	4°56'S. 112°36'E.	"	—	34.69				
2 "	4°49'S. 112°36'E.	"	27°3	—				
2.15 "	4°46'S. 112°36'E.	"	—	34.63				
	62 M.	5	27°1	34.56				
		15	27°2	34.56				
		25	27°2	34.63				
		35	27°2	34.56				
		45	27°2	34.54				
		55	27°2	34.54				
3 "	4°46'S. 112°36'E.	surf.	27°—	—				
4 "	4°38'S. 112°37'E.	"	27°—	34.69				
5 "	4°30'S. 112°37'E.	"	27°2	34.60				
	40 M.	5	—	34.64				
		15	—	34.63				
		25	—	34.67				
		35	—	34.63				
6 "	4°23'S. 112°38'E.	surf.	27°3	—				
6.20 "	4°4' S. 112°38'E.	"	—	34.54				
7 "	4°14'S. 112°39'E.	"	27°4	—				
7.20 "	4°12'S. 112°39'E.	"	—	34.60				
		5	27°5	34.69				
		15	27°5	34.60				
		25	27°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
16 Aug.								
8 a.m.	4°8' S. 112°39'E.	surf.	27°4	—				
8.35 "	4°3' S. 112°39'E.	"	—	34.50				
9 "	3°59' S. 112°39'E.	"	27°6	—				
9.30 "	3°55' S. 112°39'E.	"	—	34.63				
	27 M.	5	—	34.60	N 280° E	34.8	E 4	
		15	—	34.57	" 272° "	30.7		
		25	—	34.54	" 268° "	26.6		
10 "	id.	surf.	27°5	—				
12 noon	3°55' S. 112°39'E.	"	27°6	—				
1 p.m.	3°56' S. 112°41'E.	"	27°1	—				
1.30 "	3°57' S. 112°43'E.	"	27°1	34.60				
2 "	3°58' S. 112°45'E.	"	27°6	—				
2.30 "	4°1' S. 112°51'E.	"	27°6	34.69				
	34 M.	5	27°5	34.52				
		15	27°5	34.51				
		25	27°5	34.50				
3 "	4°1' S. 112°52'E.	surf.	27°5	—				
4 "	4°1' S. 112°54'E.	"	27°5	—				
5 "	id.	"	27°6	—				
7 "	4°1' S. 112°56'E.	"	27°6	—				
7.10 "	4°2' S. 112°57'E.	surf.	—	34.55				
8 "	4°3' S. 113°1' E.	"	27°5	—				
8.40 "	4°5' S. 113°5' E.	"	—	34.72				
	27 M.	5	—	34.50				
		15	—	34.54				
		25	—	34.57				
9 "	id.	surf.	27°4	—				
10 "	4°7' S. 113°11'E.	"	27°3	34.67				
11 "	4°8' S. 113°17'E.	"	27°5	34.60				
12 m.n.	4°10' S. 113°22'E.	"	27°5	34.56				
	20 M.	5	37°4	34.73				
		15	27°4	34.47				
17 Aug.								
1 a.m.	4°11' S. 113°26'E.	surf.	27°3	—				
1.15 "	4°12' S. 113°27'E.	"	—	34.63				
2 "	4°14' S. 113°31'E.	"	27°3	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
16 Aug.								
8 a.m.	4°8' S. 112°39'E.	surf.	27°4	—				
8.35 "	4°3' S. 112°39'E.	"	—	34.50				
9 "	3°59'S. 112°39'E.	"	27°6	—				
9.30 "	3°55'S. 112°39'E.	"	—	34.63				
	27 M.	5	—	34.60	N 280° E	34.8	E 4	
		15	—	34.57	" 272° "	30.7		
		25	—	34.54	" 268° "	26.6		
10 "	id.	surf.	27°5	—				
12 noon	3°55'S. 112°39'E.	"	27°6	—				
1 p.m.	3°56'S. 112°41'E.	"	27°1	—				
1.30 "	3°57'S. 112°43'E.	"	27°1	34.60				
2 "	3°58'S. 112°45'E.	"	27°6	—				
2.30 "	4°1' S. 112°51'E.	"	27°6	34.69				
	34 M.	5	27°5	34.52				
		15	27°5	34.51				
		25	27°5	34.50				
3 "	4°1' S. 112°52'E.	surf.	27°5	—				
4 "	4°1' S. 112°54'E.	"	27°5	—				
5 "	id.	"	27°6	—				
7 "	4°1' S. 112°56'E.	"	27°6	—				
7.10 "	4°2' S. 112°57'E.	surf.	—	34.55				
8 "	4°3' S. 113°1' E.	"	27°5	—				
8.40 "	4°5' S. 113°5' E.	"	—	34.72				
	27 M.	5	—	34.50				
		15	—	34.54				
		25	—	34.57				
9 "	id.	surf.	27°4	—				
10 "	4°7' S. 113°11'E.	"	27°3	34.67				
11 "	4°8' S. 113°17'E.	"	27°5	34.60				
12 m.n.	4°10'S. 113°22'E.	"	27°5	34.56				
	20 M.	5	37°4	34.73				
		15	27°4	34.47				
17 Aug.								
1 a.m.	4°11'S. 113°26'E.	surf.	27°3	—				
1.15 "	4°12'S. 113°27'E.	"	—	34.63				
2 "	4°14'S. 113°31'E.	"	27°3	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
17 Aug								
2.15 a.m.	4°14'S. 113°33'E.	surf.	—	34.65				
3 "	4°15'S. 113°37'E.	"	27°3	—				
3.15 "	4°15'S. 113°38'E.	"	—	34.65				
	22 M.	5	—	34.67				
		15	—	34.56				
4 "	4°16'S. 113°41'E.	surf.	27°2	—				
4.30 "	4°17'S. 113°44'E.	"	—	—				
5 "	4°18'S. 113°45'E.	"	27°3	—				
5.30 "	4°19'S. 113°47'E.	"	—	34.56				
	16 M.	5	27°4	34.56	N 320° E	36.2	ESE 4	
		15	27°5	34.60	" 318° "	36.2		
6 "	id.	surf.	27°4	—				
7 "	4°23'S. 113°45'E.	"	27°5	—				
7.25 "	4°26'S. 113°45'E.	"	27°5	34.43				
8 "	4°30'S. 113°45'E.	"	—	—				
8.30 "	4°33'S. 113°45'E.	"	—	34.73				
	36 M.	5	—	34.79				
		15	—	34.73				
		25	—	34.69				
		35	—	34.69				
9 "	4°33'S. 113°45'E.	surf.	27°6	—				
10 "	4°40'S. 113°45'E.	"	27°6	34.63				
11 "	4°47'S. 113°45'E.	"	27°6	34.56				
	42 M.	5	27°5	34.64				
		15	27°5	34.64				
		25	27°5	34.64				
		35	27°5	34.54				
12 noon	4°49'S. 113°45'E.	surf.	27°4	—				
0.30 p.m.	4°52'S. 113°45'E.	"	27°4	34.56				
1 "	4°55'S. 113°45'E.	"	27°4	—				
2 "	5°1' S. 113°45'E.	"	27°3	—				
2.30 "	5°4' S. 113°45'E.	"	—	34.45				
		5	—	34.51				
		15	—	34.58				
		25	—	34.51				
		35	—	34.60				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
17 Aug.								
3 p.m.	5°4' S. 113°45'E.	surf.	27°4	—				
3.50 "	5°9' S. 113°45'E.	"	—	34.33				
4 "	5°10' S. 113°45'E.	"	27°4	—				
4.50 "	5°17' S. 113°45'E.	"	—	34.47				
	51 M.	5	27°—	34.51				
		15	27°—	34.49				
		25	26°9	34.45				
		35	26°9	34.49				
		45	26°9	—				
5 "	id.	surf.	27°1	—				
6 "	id.	"	27°2	—				
7 "	5°19' S. 113°45'E.	"	27°1	—				
7.40 "	5°25' S. 113°45'E.	"	27°1	34.67				
8 "	5°27' S. 113°45'E.	"	—	—				
8.40 "	5°33' S. 113°45'E.	"	—	34.60				
	69 M.	5	—	34.51				
		15	—	34.55				
		25	—	34.51				
		35	—	34.52				
		45	—	34.52				
		55	—	34.52				
		65	—	34.52				
9 "	5°33' S. 113°45'E.	surf.	27°4	—				
10 "	5°39' S. 113°45'E.	"	27°3	—				
10.15 "	5°41' S. 113°45'E.	"	—	34.50				
11 "	5°47' S. 113°45'E.	"	27°3	—				
11.15 "	5°49' S. 113°45'E.	"	—	34.46				
	67 M.	5	27°3	34.52				
		15	27°3	34.46				
		25	27°3	34.42				
		35	27°3	34.42				
		45	27°3	34.42				
		55	27°3	34.42				
		65	27°2	34.61				
12 m.n.	id.	surf.	27°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
18 Aug.								
1 a.m.	5°55'S. 113°45'E.	surf.	27°1	—				
1.10 "	5°56'S. 113°45'E.	"	—	34.46				
2 "	6°2' S. 113°45'E.	"	27°2	—				
2.10 "	6°3' S. 113°45'E.	"	—	34.65			ESE 3	
	73 M.	5	—	34.56	N 312° E	26.6		
		15	—	34.50	" 302° "	28.9		
		25	—	34.56	" 302° "	23.9		
		35	—	34.43	" 315° "	25.3		
		45	—	34.43	" 312° "	27.3		
		55	—	34.56	" 302° "	24.6		
		65	—	34.43	" 302° "	24.6		
3 "	id.	surf.	27°3	—				
4 "	id.	"	27°3	—				
5 "	6°6' S. 113°45'E.	"	27°1	—				
5.25 "	6°8' S. 113°45'E.	"	27°2	34.36				
6 "	6°12'S. 113°45'E.	"	—	—				
6.25 "	6°15'S. 113°45'E.	"	—	—				
	76 M.	5	27°3	34.42				
		15	27°4	34.47				
		25	27°2	34.34				
		35	27°4	34.41				
		45	27°4	34.41				
		55	27°4	34.45				
		65	27°4	34.42				
7 a.m.	6°14'S. 113°45'E.	surf.	27°3	—				
8 "	6°22'S. 113°45'E.	"	27°5	—				
8.15 "	6°24'S. 113°45'E.	"	—	34.58				
9 "	6°31'S. 113°45'E.	"	27°6	—				
9.15 "	6°33'S. 113°46'E.	"	—	34.69				
	62 M.	5	—	34.60				
		15	—	34.63				
		25	—	34.56				
		35	—	34.43				
		45	—	34.50				
		55	—	34.50				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour.	Reckoning and depth.	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
18 Aug.								
10 a.m.	6°35'S. 113°46'E.	surf.	27°5	—				
10.45 „	6°37'S. 113°50'O.	„	—	34.46				
11 „	6°38'S. 113°53'O.	„	27°5	—				
11.45 „	6°39'S. 113°57'O.	„	—	34.45				
	71 M.	5	27°4	34.43				
		15	27°4	34.47				
		25	27°4	34.47				
		35	27°4	34.54				
		45	27°4	34.47				
		55	27°4	34.47				
		65	27°4	34.47				
12 noon	id.	surf.	27°6	—				
1 p.m.	6°41'S. 114°2' O.	„	27°7	—				
1.30 „	6°41'S. 114°7' O.	„	—	34.13?				
2 „	6°42'S. 114°11'O.	„	27°6	—				
2.30 „	6°45'S. 114°15'O.	„	—	34.47				
3 „	6°45'S. 114°19'O.	„	27°3	—				
3.15 „	6°45'S. 114°20'O.	„	—	34.40				
		5	—	34.41				
		15	—	34.51				
		25	—	34.51				
		35	—	34.47				
		45	—	34.47				
		55	—	34.47				
4 p.m.	6°45'S. 114°20'O.	surf.	27°4	—				
5 „	6°43'S. 114°20'O.	„	27°7	—				
5.45 „	6°37'S. 114°22'O.	„	—	34.55				
6 „	6°35'S. 114°22'O.	„	27°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
18 Aug.								
6.45 p.m.	6°27'S. 114°24'O. 80 M.	surf. 5 15 25 35 45 55 65 75	— 27°4 27°4 27°2 27°2 27°1 27°1 27°1 27°1	34.55 34.49 34.55 34.50 34.50 34.43 34.63 34.76 34.76				
7 "	id.	surf.	27°4	—				
8 "	6°23'S. 114°25'O.	"	27°4	—				
8.30 "	6°18'S. 114°26'O.	"	—	34.81				
9 "	6°14'S. 114°27'O.	"	27°2	—				
9.30 "	6°10'S. 114°29'O. 73 M.	" 5 15 25 35 45 55 65	— — — — — — —	34.67 34.74 34.63 34.60 34.60 34.63 34.63 34.60				
10 "	6°8' S. 114°29'O.	surf.	27°—	—				
10.45 "	6°0' S. 114°31'O.	"	—	34.51				
11 "	5°58'S. 114°31'O.	"	26°8	—				
11.30 "	5°52'S. 114°33'O. 60 M.	" 5 15 25 35 45 55	— 27°4 27°4 26°8 26°7 26°— 26°—	34.63 34.61 34.61 34.47 34.49 34.51 34.54				
12 m.n.	5°52'S. 114°33'O.	surf.	27°—	—				
19 Aug.								
1 a.m.	5°48'S. 114°33'O.	"	27°—	—				
1.30 "	5°44'S. 114°35'O.	"	—	34.54				
2 "	5°41'S. 114°35'O.	"	26°9	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
19 Aug.								
2.30 a.m.	5°38'S. 114°37'E.	surf.	—	34.54				
	34 M.	5	—	34.54				
		15	—	34.47				
		25	—	34.54				
3 "	5°36'S. 114°37'E.	surf.	26°9	—				
3.45 "	5°29'S. 114°39'E.	"	—	34.47				
4 "	5°27'S. 114°39'E.	"	27°1	—				
4.45 "	5°20'S. 114°39'E.	"	—	34.54				
	30 M.	5	26°9	34.55				
		15	26°9	34.54				
		25	26°9	34.42				
5 "	id.	surf.	27°—	—				
6 "	5°11'S. 114°40'E.	"	26°9	34.54				
7 "	5°1' S. 114°41'E.	"	26°9	34.61				
		5	—	34.52				
		15	—	34.52				
		25	—	34.52				
8 "	4°51'S. 114°41'E.	surf.	26°9	—				
8.10 "	4°50'S. 114°41'E.	"	—	34.61				
9 "	4°43'S. 114°41'E.	"	27°5	—				
9.10 "	4°42'S. 114°41'E.	"	—	34.46				
	25 M.	5	27°3	34.46				
		15	27°4	34.55				
10 "	4°37'S. 114°41'E.	surf.	27°5	—				
10.25 "	4°33'S. 114°41'E.	"	—	34.54				
11 "	4°28'S. 114°41'E.	"	27°6	—				
11.40 "	4°22'S. 114°41'E.	"	—	34.69				
	22 M.	5	—	34.54				
		15	—	34.54				
12 noon	id.	surf.	27°6	—				
1 p.m.	4°20'S. 114°39'E.	"	27°9	—				
2 "	4°13'S. 114°35'E.	"	28°1	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		

Seasonal Cruise November 1915.

Observations Captain v. Koesveld.

6 Nov.								
1 p.m.	5°49'S. 106°40'E.	surf.	29°9	33.27				
	46 M.	5	—	33.12				
		15	—	33.33				
		25	—	33.41				
		35	—	33.41				
2 "	5°45'S. 106°40'E.	surf.	30°7	—				
2.30 "	5°41'S. 106°40'E.	"	—	—				
	43 M.	5	—	—	N 73° E	15.4		
		15	—	—	" 60° "	11.—		
		25	—	—	" 83° "	3.5		
		35	—	—	—	—		
3 "	id.	surf.	30°6	—				
4 "	5°38'S. 106°40'E.	"	30°2	—				
4.35 "	5°34'S. 106°40'E.	"	30°6	33.51				
	35 M.	5	29°6	33.26				
		15	29°5	33.40				
		25	29°1	33.48				
5 "	5°33'S. 106°40'E.	surf.	30°4	—				
6 "	5°26'S. 106°40'E.	"	29°9	33.64				
7 "	5°18'S. 106°40'E.	"	29°9	33.50				
	22 M.	5	—	33.27				
		15	—	33.48				
8 "	5°10'S. 106°41'E.	surf.	—	33.27				
9 "	5°1' S. 106°42'E.	"	29°4	—				
9.15 "	5°1' S. 106°41'E.	"	29°5	32.80				
	20 M.	5	29°6	32.87	N 1° E	31.4		
		15	29°5	32.87	" 20° "	34.8		
10 "	5°1' S. 106°41'E'	surf.	29°3	—				
11 "	4°53'S. 106°41'E.	"	29°4	—				
11.15 "	4°51'S. 106°41'E.	"	—	32.87				
12 m.n.	4°45'S. 106°41'E.	"	29°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
7 Nov.								
0.15 a.m.	4°45'S. 106°41'E.	surf.	—	32.67				
	20 M.	5	—	32.67				
		15	—	32.61				
1 "	4°41'S. 106°41'E.	surf.	29°2	—				
1.30 "	4°37'S. 106°41'E.	"	—	32.51				
2 "	4°33'S. 106°41'E.	"	29°4	—				
2.30 "	4°29'S. 106°40'E.	"	29°6	32.12				
	20 M.	5	29°5	32.13				
		15	29°5	32.34				
3 "	4°29'S. 106°39'E.	surf.	29°5	—				
4 "	4°21'S. 106°38'E.	"	29°4	32.36				
4.55 "	4°12'S. 106°37'E.	"	—	32.23				
	20 M.	5	—	32.13				
		15	—	32.10				
5 "	id.	surf.	29°7	—				
6 "	4°6' S. 106°36'E.	"	29°4	32.44				
6.50 "	3°59'S. 106°36'E.	"	29°4	32.57				
	18 M.	5	29°4	32.57				
		15	29°5	32.37				
7 "	id.	surf.	29°4	—				
8 "	id.	"	29°2	—				
8.55 "	3°58'S. 106°45'E.	"	—	32.43				
9 "	3°58'S. 106°46'E.	"	29°4	—				
9.55 "	3°57'S. 106°54'E.	"	—	32.45				
	20 M.	5	—	32.38				
		15	—	32.29				
10 "	3°57'S. 106°54'E.	surf.	29°6	—				
11 "	3°57'S. 107°3' E.	"	—	—				
11.5 "	3°56'S. 107°4' E.	"	—	32.77				
12 noon	3°55'S. 107°7' E.	"	30°2	—				
0.15 p.m.	3°55'S. 107°9' E.	"	30°8	32.67				
	20 M.	5	29°6	32.55				
		15	29°5	32.57				
1 "	3°55'S. 107°12'E.	surf.	30°1	—				
1.30 "	3°56'S. 107°17'E.	"	—	32.53				
2 "	3°58'S. 107°22'E.	"	29°2	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
7 Nov.								
2.50 p.m.	4°0' S. 107°28'E.	surf.	—	32.70				
	26 M.	5	—	32.70	N 130° E	51.8		
		15	—	32.69	" 119° "	43.6		
		25	—	32.75	" 124° "	25.3		
3 "	id.	surf.	29°3	—				
4 "	id.	"	29°2	—				
5 "	4°8' S. 107°29'E.	"	29°2	—				
6 "	4°17'S. 107°29'E.	"	29°6	32.57				
	27 M.	5	29°7	32.53				
		15	29°6	32.89				
		25	29°6	32.89				
7 "	4°21'S. 107°32'E.	surf.	29°2	—				
7.20 "	4°24'S. 107°32'E.	"	—	32.12				
8 "	4°31'S. 107°33'E.	"	29°4	—				
8.20 "	4°34'S. 107°34'E.	"	—	—				
	27 M.	5	—	32.73				
		15	—	32.88				
		25	—	33.02				
9 "	4°38'S. 107°34'E.	surf.	29°5	—				
9.35 "	4°42'S. 107°35'E.	"	—	32.79				
10 "	4°47'S. 107°36'E.	"	29°4	—				
10.35 "	4°51'S. 107°36'E.	"	29°6	33.12				
	31 M.	5	29°8	33.14				
		15	29°7	33.21				
		25	29°7	33.21				
11 "	4°51'S. 107°37'E.	surf.	29°7	—				
11.50 "	4°59'S. 107°38'E.	"	—	33.23				
12 m.n.	4°57'S. 107°39'E.	"	29°6	—				
8 Nov.								
0.20 a.m.	5°0' S. 107°39'E.	surf.	—	33.23				
	35 M.	5	—	33.33	N 5 E	32.8		
		15	—	33.44	" 5 "	29.8		
		25	—	33.47	" 5 "	19.2		
1 "	id.	surf.	29°4	—				
2 "	5°3' S. 107°40'E.	"	29°4	33.27				
3 "	5°12'S. 107°41'E.	"	29°4	33.49				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 Nov.								
4 a.m.	5°20'S. 107°42'E.	surf.	29°4	33.56				
		5	29°7	33.32				
		15	29°7	33.36				
		25	29°7	33.46				
		35	29°6	33.46				
5 "	5°24'S. 107°44'E.	surf.	29°4	—				
5.30 "	5°28'S. 107°44'E.	"	—	33.35				
6 "	5°33'S. 107°44'E.	"	29°4	—				
6.30 "	5°37'S. 107°45'E.	"	—	33.13				
		5	—	33.18				
		15	—	33.31				
		25	—	33.40				
		35	—	33.49				
7 "	id.	surf.	29°4	—				
8 "	5°46'S. 107°45'E.	"	29°4	—				
8.30 "	5°51'S. 107°46'E.	"	29°7	33.69				
		5	29°7	33.60				
		15	29°7	33.49				
		25	29°7	33.46				
		35	29°5	33.48				
		45	29°5	33.48				
10 "	5°52'S. 107°50'E.	surf.	29°4	—				
10.20 "	5°53'S. 107°52'E.	"	—	33.80				
11 "	5°53'S. 107°59'E.	"	29°4	—				
11.20 "	5°54'S. 108°1' E.	"	—	33.54				
		5	—	33.56				
		15	—	33.54				
		25	—	33.54				
		35	—	33.55				
		45	—	33.51				
12 noon	5°55'S. 108°4' E.	surf.	29°9	—				
0.35 p.m.	5°53'S. 108°9' E.	"	—	32.71				
1 "	5°53'S. 108°13'E.	"	29°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 Nov. 1.35 p.m.	5°55'S. 108°17'E. 36 M.	surf. 5 15 25 35	29°5 29°6 29°5 29°5 29°5	33.59 33.59 33.65 33.61 33.57				
2 "	5°55'S. 108°17'E.	surf.	29°4	—				
3 "	5°47'S. 108°17'E.	"	29°3	33.67				
4 "	5°39'S. 108°17'E.	"	29°1	—				
4.15 "	5°37'S. 108°20'E. 49 M.	" 5 15 25 35 45	— — — — — —	33.56 33.51 33.72 33.72 33.65 33.61				
5 "	id.	surf.	29°5	—				
6 "	5°36'S. 108°20'E.	"	29°4	—				
7 "	5°29'S. 108°20'E.	"	29°5	33.92				
8 "	id.	"	29°4	—				
9 "	id.	"	29°5	—				
10 "	id.	"	29°6	—				
11 "	5°21'S. 108°20'E. 47 M.	" 5 15 25 35 45	29°6 29°6 29°6 29°7 29°7 29°7	33.86 33.90 33.77 33.87 33.84 33.94				
12 m.n.	5°16'S. 108°20'E.	surf.	29°4	—				
9 Nov. 0.30 a.m.	5°11'S. 108°20'E.	"	—	33.84				
1 "	5°7' S. 108°20'E.	"	29°4	—				
1.50 "	5°0' S. 108°20'E. 40 M.	" 5 15 25 35	— — — — —	33.50 33.42 33.50 33.73 33.84	N 328° E " 330° " " 310° " " 310° "	25.3 26.6 25.3 23.2		

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 Nov.								
2 a.m.	5°0' S. 108°20' E.	surf.	29°4	—				
3 "	id.	"	29°4	—				
4 "	4°56' S. 108°20' E.	"	29°4	—				
4.25 "	4°52' S. 108°20' E.	"	—	33.51				
5 "	4°48' S. 108°20' E.	"	29°2	—				
5.25 "	4°44' S. 108°20' E.	"	29°4	33.08				
	40 M.	5	29°4	33.01				
		15	29°6	33.36				
		25	29°6	33.47				
		35	29°6	33.53				
6 "	4°40' S. 108°20' E.	surf.	29°3	—				
6.45 "	4°35' S. 108°20' E.	"	—	32.89				
7 "	4°31' S. 108°20' E.	"	29°3	—				
8 "	4°21' S. 108°20' E.	"	29°3	32.87				
	40 M.	5	—	32.83				
		15	—	32.79				
		25	—	33.13				
		35	—	33.17				
9 "	4°20' S. 108°20' E.	surf.	29°3	—				
9.10 "	4°19' S. 108°20' E.	"	—	32.98				
10 "	4°11' S. 108°20' E.	"	29°6	33.05				
	35 M.	5	29°2	33.05				
		15	29°2	32.93				
		25	29°4	33.05				
11 "	4°4' S. 108°20' E.	surf.	30°7	—				
11.20 "	3°59' S. 108°20' E.	"	—	32.79				
	35 M.	5	—	32.79	N 169° E	18.1		
		15	—	32.80	" 157° "	15.8		
		25	—	33.21	" 147° "	28.3		
12 noon	id.	surf.	30°6	—				
1 p.m.	4°0' S. 108°21' E.	"	30°8	—				
2 "	4°0' S. 108°29' E.	"	30°5	—				
1.20 "	4°0' S. 108°24' E.	"	—	33.05				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 Nov.								
2.20 p.m.	4°0' S. 108°32'E. 36 M.	surf. 5 15 25 35	29°5 29°3 29°2 29°1 29°1	33.05 33.01 32.97 32.98 33.12				
3 "	4°0' S. 108°36'E.	surf.	29°5	—				
3.40 "	4°0' S. 108°43'E.	"	—	33.27				
4 "	4°0' S. 108°46'E.	"	30°1	—				
4.30 "	4°0' S. 108°49'E. 38 M.	" 5 15 25 35	— — — — —	32.98 33.— 33.09 33.03 33.01				
5 "	4°0' S. 108°51'E.	surf.	30°4	—				
5.45 "	4°0' S. 108°57'E.	"	—	33.23				
6 "	4°0' S. 108°59'E.	"	30°3	—				
6.45 "	4°0' S. 109°5' E.	"	—	33.26				
7 "	4°0' S. 109°7' E.	"	29°6	—				
7.45 "	4°0' S. 109°13'E. 44 M.	" 5 15 25 35	29°8 29°1 28°9 28°9 28°9	33.10 33.09 33.03 33.16 33.16	N 140° E " 140° " " 147° " " 155° "	44.3 25.3 17.1 9.6		
8 "	id.	surf.	29°3	—				
9 "	id.	"	29°5	—				
10 "	4°6' S. 109°13'E.	"	29°7	—				
10.10 "	4°8' S. 109°13'E.	"	—	33.42				
11 "	4°14' S. 109°13'E.	"	29°1	—				
11.10 "	4°16' S. 109°13'E. 47 M.	" 5 15 25 35 45	— — — — — —	33.20 33.17 33.17 33.16 33.26 33.17				
12 m.n.	4°20' S. 109°13'E.	surf.	29°3	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 Nov.								
0.25 a.m.	4°24'S. 109°13'E.	surf.	—	33.10				
1 "	4°28'S. 109°13'E.	"	29°5	—				
1.25 "	4°32'S. 109°13'E.	"	29°4	33.03				
	51 M.	5	29°4	33.05				
		15	29°3	33.12				
		25	29°2	33.09				
		35	29°2	33.03				
		45	29°2	33.09				
2 "	id.	surf.	29°6	—				
2.55 "	4°40'S. 109°13'E.	"	29°5	33.18				
3.55 "	4°48'S. 109°13'E.	"	29°5	33.18				
	53 M.	5	—	33.12				
		15	—	33.12				
		25	—	33.35				
		35	—	33.44				
		45	—	33.50				
5 "	4°54'S. 109°13'E.	surf.	29°5	—				
6 "	5°0' S. 109°13'E.	"	29°6	33.46				
	53 M.	5	29°6	33.51	N 325° E	9.6		
		15	29°7	33.51	" 320° "	22.6		
		25	29°7	33.47	" 312° "	27.3		
		35	29°4	33.51	" 292° "	32.1		
		45	29°4	33.51	" 272° "	26.—		
7 "	5°0' S. 109°13'E.	surf.	29°5	—				
8 "	5°7' S. 109°13'E.	"	28°8	33.76				
9.5 "	5°16'S. 109°13'E.	"	29°2	33.73				
	53 M.	5	—	33.62				
		15	—	33.60				
		25	—	33.60				
		35	—	33.72				
		45	—	33.69				
10 "	5°21'S. 109°13'E.	surf.	29°8	—				
10.20 "	5°24'S. 109°13'E.	"	—	33.60				
11 "	5°29'S. 109°13'E.	"	29°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 Nov.								
0.25 a.m.	4°24'S. 109°13'E.	surf.	—	33.10				
1 "	4°28'S. 109°13'E.	"	29°5	—				
1.25 "	4°32'S. 109°13'E.	"	29°4	33.03				
	51 M.	5	29°4	33.05				
		15	29°3	33.12				
		25	29°2	33.09				
		35	29°2	33.03				
		45	29°2	33.09				
2 "	id.	surf.	29°6	—				
2.55 "	4°40'S. 109°13'E.	"	29°5	33.18				
3.55 "	4°48'S. 109°13'E.	"	29°5	33.18				
	53 M.	5	—	33.12				
		15	—	33.12				
		25	—	33.35				
		35	—	33.44				
		45	—	33.50				
5 "	4°54'S. 109°13'E.	surf.	29°5	—				
6 "	5°0' S. 109°13'E.	"	29°6	33.46				
	53 M.	5	29°6	33.51	N 325° E	9.6		
		15	29°7	33.51	" 320° "	22.6		
		25	29°7	33.47	" 312° "	27.3		
		35	29°4	33.51	" 292° "	32.1		
		45	29°4	33.51	" 272° "	26.—		
7 "	5°0' S. 109°13'E.	surf.	29°5	—				
8 "	5°7' S. 109°13'E.	"	28°8	33.76				
9.5 "	5°16'S. 109°13'E.	"	29°2	33.73				
	53 M:	5	—	33.62				
		15	—	33.60				
		25	—	33.60				
		35	—	33.72				
		45	—	33.9				
10 "	5°21'S. 109°13'E.	surf.	29°8	—				
10.20 "	5°24'S. 109°13'E.	"	—	33.60				
11 "	5°29'S. 109°13'E.	"	29°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 Nov.								
11.20 a.m.	5°33'S. 109°13'E.	surf.	29°4	33.64				
	55 M.	"	29°4	33.70				
		15	29°4	33.64				
		25	29°4	33.56				
		35	29°4	33.56				
		45	29°3	33.83				
0.45 p.m.	5°46'S. 109°13'E.	surf.	—	33.85				
1 "	5°49'S. 109°13'E.	"	30°5	—				
2 "	5°58'S. 109°13'E.	"	30°3	—				
2.15 "	6°0' S. 109°13'E.	"	—	33.46				
	53 M.	5	—	33.40	N 69° E	37.5		
		15	—	33.47	" 90° "	36.2		
		25	—	33.42	" 90° "	36.8		
		35	—	33.49	" 90° "	51.8		
		45	—	33.47	" 90° "	36.2		
3 "	id.	surf.	30°4	—				
4 "	6°4' S. 109°13'E.	"	29°7	—				
4.30 "	6°8' S. 109°13'E.	"	—	33.64				
5 "	6°12'S. 109°13'E.	"	29°4	—				
5.45 "	6°16'S. 109°13'E.	"	29°7	33.43				
	47 M.	5	29°5	33.55				
		15	29°4	33.59				
		25	29°4	33.57				
		35	28°9	33.77				
7 "	6°16'S. 109°18'E.	surf.	29°9	—				
7.22 "	6°17'S. 109°21'E.	"	—	33.70				
8 "	6°18'S. 109°25'E.	"	29°8	—				
8.20 "	6°18'S. 109°27'E.	"	—	33.49				
	49 M.	5	—	33.49				
		15	—	33.56				
		25	—	33.78				
		35	—	34.05				
		45	—	34.05				
9 "	6°20'S. 109°32'E.	surf.	29°4	—				
9.30 "	6°20'S. 109°36'E.	"	—	33.44				
10 "	6°21'S. 109°39'E.	"	29°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 Nov.								
10.30 p.m.	6°22'S. 109°43'E.	surf.	29°5	33.44				
	47 M.	5	29°4	33.44				
		15	29°4	33.44				
		25	29°1	33.63				
		35	29°—	24.03				
		45	29°—	34.16				
11 „	6°22'S. 109°43'E.	surf.	29°4	—				
12 m.n.	6°22'S. 109°49'E.	„	29°4	33.48				
11 Nov.								
0.55 a.m.	6°26'S. 109°58'E.	„	—	33.60				
	47 M.	5	—	33.60				
		15	—	33.95				
		25	—	33.96				
		35	—	33.93				
		45	—	34.08				
1 „	id.	surf.	29°8	—				
2.20	6°28'S. 110°8'E.	„	—	33.81				
3 „	6°29'S. 110°14'E.	„	29°4	—				
3.15	6°30'S. 110°16'E.	„	29°4	33.44				
	44 M.	5	29°5	33.47				
		15	29°5	33.68				
		25	29°2	33.85				
		35	29°2	33.85				
4 „	6°27'S. 110°16'E.	surf.	29°3	—				
4.40 „	6°22'S. 110°16'E.	„	—	33.96				
5 „	6°20'S. 110°18'E.	„	29°4	—				
5.35 „	6°18'S. 110°21'E.	„	—	34.01				
	51 M.	5	—	34.01				
		15	—	33.80				
		25	—	33.88				
		35	—	33.98				
		45	—	33.95				
6 „	6°19'S. 110°20'E.	surf.	28°9	—				
6.50 „	6°11'S. 110°20'E.	„	—	33.57				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 Nov.								
7.50 a.m.	6°13'S. 110°20'E.	surf.	29°2	33.72				
	44 M.	5	29°2	33.68				
		44	29°2	33.65				
		25	29°4	33.69				
		35	29°2	33.78				
		45	29°2	33.87				
8 "	id.	surf.	28°9	—				
9 "	5°54'S. 110°17'E.	"	29°5	—				
9.15 "	5°52'S. 110°17'E.	"	—	34.12				
10 "	5°45'S. 110°17'E.	"	29°5	—				
10.5 "	5°45'S. 110°17'E.	"	—	34.07				
	40 M.	5	—	34.03				
		15	—	34.10				
		25	—	34.03				
		35	—	33.98				
11 "	5°39'S. 110°17'E.	surf.	29°8	—				
11.30 "	5°35'S. 110°17'E.	"	—	33.96				
12 noon	5°31'S. 110°17'E.	"	29°8	—				
12.25 p.m.	5°27'S. 110°17'E.	"	29°5	33.81				
	57 M.	5	29°5	33.94				
		15	29°4	33.88				
		25	29°4	34.01				
		35	29°1	34.12				
		45	29°—	34.17				
		55	29°—	34.13				
1 "	5°26'S. 110°18'E.	surf.	—	—				
1.50 "	5°19'S. 110°19'E.	"	—	33.90				
2 "	5°18'S. 110°20'E.	"	30°—	—				
2.45 "	5°12'S. 110°22'E.	"	—	33.70				
	62 M.	5	—	33.79				
		15	—	33.77				
		25	—	33.88				
		35	—	33.97				
		45	—	34.01				
		55	—	34.05				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 Nov.								
3 p.m.	5°12'S. 110°22'E.	surf.	30°25	—				
4 "	5°4' S. 110°24'E.	"	30°4	34.07				
4.30 "	5°0' S. 110°25'E.	"	30°6	33.73				
	66 M.	5	29°7	33.40	N 90° E	100.7		
		15	29°6	33.50	" 70° "	109.6		
		25	29°5	33.50	" 66° "	72.2		
		35	29°5	33.66	" 70° "	70.8		
		45	29°5	33.66	" 80° "	57.2		
		55	29°1	33.69	" 81° "	40.4		
8.50 "	4°52'S. 110°24'E.	surf.	—	33.48				
9 "	4°50'S. 110°24'E.	"	29°4	—				
9.50 "	4°44'S. 110°24'E.	"	—	32.23				
	51 M.	5	—	33.19				
		15	—	33.32				
		25	—	33.32				
		35	—	33.32				
		45	—	33.27				
10 "	id.	surf.	29°2	—				
11 "	4°38'S. 110°21'E.	"	29°2	—				
11.5 "	4°37'S. 110°21'E.	"	—	33.21				
12 m.n.	4°27'S. 110°20'E.	"	29°4	33.10				
	47 M.	5	29°4	33.10				
		15	29°4	33.12				
		25	29°4	33.17				
		35	29°4	33.17				
		45	29°4	33.10				
12 Nov.								
1 a.m.	4°24'S. 110°20'E.	surf.	28°9	—				
1:30 "	4°20'S. 110°20'E.	"	—	33.03				
2 "	4°16'S. 110°19'E.	"	29°1	—				
2.30 "	4°12'S. 110°19'E.	"	—	32.96				
	40 M.	5	—	32.84				
		15	—	32.91				
		25	—	32.89				
		35	—	32.89				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
12 Nov.								
3 a.m.	4°10'S. 110°19'E.	surf.	29°1	—				
3.35 "	4°8' S. 110°18'E.	"	—	32.83				
4 "	4°6' S. 110°17'E.	"	28°7	—				
4.35 "	4°3' S. 110°17'E.	"	29°1.	32.65				
	35 M.	5	29°1	32.77				
		15	29°1	32.65				
		25	29°1	32.74				
5 "	id.	surf.	29°—	—				
6 "	4°2' S. 110°21'E.	"	29°—	—				
6.25 "	4°2' S. 110°25'E.	"	—	32.94				
7 "	4°2' S. 110°29'E.	"	29°—	—				
7.30 "	4°2' S. 110°33'E.	"	—	33.05				
	38 M.	5	—	32.93				
		15	—	32.79				
		25	—	32.85				
		35	—	32.98				
8 "	4°2' S. 110°37'E.	surf.	29°2	—				
8.40 "	4°2' S. 110°43'E.	"	—	33.02				
9 "	4°2' S. 110°46'E.	"	29°4	—				
9.40 "	4°2' S. 110°52'E.	"	29°1	32.74				
	40 M.	5	29°1	32.76				
		15	29°1	32.89				
		25	29°1	33.27				
		35	29°1	33.29				
11 "	4°2' S. 111°0' E.	surf.	29°2	32.52				
12 noon	4°2' S. 111°8' E.	"	29°6	—				
0.40 p.m.	4°0' S. 111°8' E.	"	—	33.19				
	44 M.	5	—	33.14				
		15	—	33.08				
		25	—	33.27				
		35	—	33.39				
1 "	4°0' S. 111°16'E.	surf.	—	—				
	44 M.	5	—	—	N 357° E			
		15	—	—	" 77° "			
		25	—	—	" 110° "			
		35	—	—	" 108° "			

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
12 Nov.								
2 p.m.	4°0'S. 111°16'E.	surf.	29°2	—				
3	4°6'S. 111°16'E.	"	29°3	—				
3.10 "	4°8'S. 111°17'E.	"	29°6	33.16				
	46 M.	5	29°6	33.13				
		15	29°3	33.12				
		25	29°4	33.26				
		35	29°1	33.59				
4 "	4°10'S. 111°19'E.	surf.	29°3	—				
4.40 "	4°17'S. 111°19'E.	"	—	33.17				
5 "	4°22'S. 111°19'E.	"	29°4	—				
5.40 "	4°25'S. 111°18'E.	"	—	33.23				
	58 M.	5	—	33.23				
		15	—	33.60				
		25	—	33.60				
		35	—	33.69				
		45	—	33.76				
		55	—	33.78				
6 "	id.	surf.	29°—	—				
7 "	4°33'S. 111°18'E.	"	29°—	—				
8 "	4°40'S. 111°18'E.	"	28°6	—				
8.5 "	4°40'S. 111°18'E.	"	29°2	33.73				
	60 M.	5	29°5	33.73				
		15	29°5	33.79				
		25	29°3	33.86				
		35	29°2	33.99				
		45	29°1	34.02				
		55	29°1	33.92				
9 "	4°44'S. 111°17'E.	surf.	28°9	—				
9.35 "	4°48'S. 111°17'E.	"	—	33.57				
10. "	4°52'S. 111°17'E.	"	29°1	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
12 Nov.								
10.50 p.m.	5°0' S. 111°17'E.	surf.	—	33.57				
	60 M.	5	—	33.73	N 80°E	45.7		
		15	—	33.78	" 77° "	39.6		
		25	—	33.80	" 77° "	30.7		
		35	—	33.96	" 120° "	17.8		
		45	—	33.88	" 180° "	4.2		
		55	—	33.99	" 248° "	15.8		
11 "	5°0' S. 111°17'E.	surf.	29.2	—				
12 m.n.	5°0' S. 111°17'E.	"	28.8	—				
13 Nov.								
1 a.m.	5°5' S. 111°17'E.	"	28.8	—				
1.20 "	5°8' S. 111°17'E.	"	—	34.01				
2 "	5°13' S. 111°17'E.	"	28.8	—				
2.20 "	5°17' S. 111°16'E.	"	27.3	33.87				
	58 M.	5	27.3	33.87				
		15	27.3	33.94				
		25	27.3	34.06				
		35	27.3	33.95				
		45	27.3	33.99				
		55	27.3	33.94				
4 "	5°23' S. 111°16'E.	surf.	28.3	—				
4.10 "	5°25' S. 111°16'E.	"	—	33.62				
5 "	5°32' S. 111°16'E.	"	28.7	—				
5.10 "	5°33' S. 111°16'E.	"	—	33.55				
	70 M.	5	—	33.57				
		15	—	33.84				
		25	—	33.77				
		35	—	34.07				
		45	—	33.97				
		55	—	34.02				
		65	—	34.01				
6 "	5°37' S. 111°16'E.	surf.	28.8	—				
6.35 "	5°41' S. 111°16'E.	"	—	33.75				
7 "	5°45' S. 111°16'E.	"	28.9	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
13 Nov.								
7.35 a.m.	5°50'S. 111°16'E.	surf.	29°3	33.79				
	60 M.	5	29°3	33.77				
		15	29°4	33.77				
		25	29°3	33.84				
		35	29°3	33.98				
		45	28°9	34.07				
		55	28°9	34.12				
8 "	5°50'S. 111°16'E.	surf.	29°1	—				
9 "	5°57'S. 111°16'E.	"	29°1	34.22				
10 "	6°4' S. 111°17'E.	"	—	—				
10.50 "	6°12'S. 111°17'E.	"	28°9	34.24				
	55 M.	5	28°9	34.28	N 15° E	6.8		
		15	28°9	34.25	" 357° "	8.6		
		25	28°9	34.17	" 280° "	8.9		
		35	28°9	34.11	" ? "	—		
		45	28°9	34.24	" 290° "	14.7		
12 noon	id.	surf.	29°2	—				
1 p.m.	id.	"	29°5	—				
2 "	6°14'S. 111°21'E.	"	29°3	—				
3 "	id.	"	29°4	—				
4 "	6°15'S. 111°22'E.	"	29°3	—				
5 "	6°17'S. 111°29'E.	"	28°7	—				
5.15 "	6°18'S. 111°32'E.	"	—	34.36				
	47 M.	5	—	34.03				
		15	—	34.17				
		25	—	34.05				
		35	—	34.01				
		45	—	34.13				
6 "	6°18'S. 111°33'E.	surf.	29°—	—				
6.50 "	6°23'S. 111°41'E.	"	—	34.10				
7 "	6°24'S. 111°43'E.	"	29°—	—				
7.50 "	6°26'S. 111°50'E.	"	28°9	33.94				
	44 M.	5	28°9	33.87				
		15	28°9	33.94				
		25	28°8	34.06				
		35	28°7	34.06				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
13 Nov.								
9 p.m.	6°29'S. 111°56'E.	surf.	29°	—				
9.15 "	6°30'S. 111°58'E.	"	—	33.86				
10 "	6° 3'S. 112°5' E.	"	28°9	—				
10.15 "	34'S. 112°8' E.	"	29°3	33.77				
	52 M.	5	29°3	33.77				
		15	29°3	33.84				
		25	28°8	33.93				
		35	28°5	34.22				
		45	28°5	34.25				
11 p.m.	6°34'S. 112°9' E.	surf.	28°5	—				
11.50 "	6°37'S. 112°11'E.	"	29°1	33.97				
12 m.n.	6°37'S. 112°17'E.	"	—	—				
14 Nov.								
0.50 a.m.	6°40'S. 112°24'E.	"	29°—	34.08				
	53 M.	5	28°4	34.04				
		15	28°4	34.04				
		25	28°4	34.11				
		35	28°4	34.32				
		45	28°4	34.27				
2 "	6°43'S. 112°31'E.	surf.	29°3	—				
2.20 "	6°44'S. 112°34'E.	"	28°9	33.96				
3 "	6°46'S. 112°38'E.	"	—	—				
3.20 "	6°47'S. 112°39'E.	"	28°6	33.92				
	47 M.	5	—	33.92				
		15	—	34.04				
		25	—	34.23				
		35	—	34.30				
		45	—	34.32				
4 "	6°47'S. 112°44'E.	surf.	28°9	—				
16 Nov.								
7.15 p.m.	6°37'S. 112°36'E.	"	—	34.12				
8 "	6°31'S. 112°35'E.	"	29°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
16 Nov.								
8.15 p.m.	6°29'S. 112°35'E. 60 M.	surf. 5 15 25 35 45 55	29°6 29°5 29°3 29°— 28°5 28°4 28°4	33.84 33.81 33.81 34.14 34.31 34.43 34.43				
9 "	6°27'S. 112°35'E.	surf.	29°1	—				
9.50 "	6°21'S. 112°35'E.	"	—	33.73				
10 "	6°19'S. 112°35'E.	"	28°8	—				
11 "	6°11'S. 112°35'E.	"	29°—	—				
11.10 "	6°11'S. 112°35'E. 66 M.	" 5 15 25 35 45 55	— — — — — — —	33.81 33.81 33.81 33.84 34.16 34.26 34.49				
12 m.n.	6°11'S. 112°35'E.	surf.	29°1	—				
17 Nov.								
6 a.m.	6°6' S. 112°35'E.	"	28°5	—				
6.10 "	6°4' S. 112°35'E.	"	—	33.95				
7 "	5°58'S. 112°36'E.	"	28°5	—				
7.5 "	5°57'S. 112°36'E. 66 M.	" 5 15 25 35 45 55	28°8 28°9 29°— 29°1 29°2 28°9 28°6	34.08 34.15 34.15 34.15 34.19 34.23 34.50				
8 "	5°54'S. 112°35'E.	surf.	28°7	—				
9 "	5°47'S. 112°31'E.	"	28°8	—				
9.20 "	5°45'S. 112°30'E.	"	—	33.99				
10 "	5°40'S. 112°37'E.	"	28°9	—				

TEMPERATURES, SALINITIES AND
 CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
17 Nov.								
10.30 a.m.	5°36'S. 112°35'E. 69 M.	surf. 5 15 25 35 45 55 65	— — — — — — — —	34.22 34.07 34.03 34.09 33.93 33.78 33.74 34.15				
1 p.m.	5°32'S. 112°35'E.	surf.	29°3	—				
1.30 "	5°28'S. 112°35'E.	"	—	34.11				
2 "	5°24'S. 112°35'E.	"	29°4	—				
3 "	5°20'S. 112°35'E.	"	29°5	—				
3.15 "	5°18'S. 112°35'E. 69 M.	" 5 15 25 35 45 55 65	29°4 29°2 29°1 29°2 28°9 28°9 28°8 28°8	34.10 34.03 34.03 34.06 34.45 34.54 34.55 34.65				
4 "	5°16'S. 112°35'E.	surf.	29°5	—				
4.45 "	5°9' S. 112°35'E.	"	—	34.41				
5 "	5°7' S. 112°35'E.	"	29°4	—				
6 "	5°0' S. 112°35'E. 62 M.	" 5 15 25 35 45 55	29°3 — — — — — —	34.12 34.05 33.96 34.31 34.42 34.42 34.45				
8 "	5°0' S. 112°35'E.	surf.	29°—	—				
8.55 "	4°52'S. 112°35'E.	"	—	33.98				
9 "	4°51'S. 112°35'E.	"	29°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
17 Nov.								
9.55 p.m.	4°44'S. 112°35'E. 44 M.	surf. 5 15 25 35 45	29°1 29°1 29°2 29°3 29°2 29°1	33.60 33.60 33.87 34.01 34.01 34.13				
11 "	4°38'S. 112°35'E.	surf.	29°2	—				
11.20 "	4°36'S. 112°35'E.	"	—	33.87				
12 m.n.	4°30'S. 112°35'E.	"	29°—	—				
18 Nov.								
0.20 a.m.	4°27'S. 112°35'E. 27 M.	" 5 15 25 35	— — — — —	33.78 33.85 33.78 33.78 33.85				
1 "	4°24'S. 112°35'E.	surf.	28°9	—				
1.35 "	4°20'S. 112°35'E.	"	—	33.78				
2 "	4°16'S. 112°35'E.	"	28°9	—				
2.35 "	4°11'S. 112°35'E. 27 M.	" 5 15 25	28°1 28°2 28°2 28°1	33.51 33.59 32.59 33.74				
3 "	4°11'S. 112°35'E.	surf.	29°—	—				
4 "	4°3' S. 112°35'E.	"	28°9	—				
4.30 "	3°58'S. 112°32'E. 27 M.	" 5 15 25	— — — —	32.95 32.95 33.32 33.57	N 100° E " 130° " " 180° "	36.8 24.6 27.3		
6 "	4°0' S. 112°37'E.	surf.	29°—	—				
6.20 "	4°1' S. 112°41'E.	"	—	33.27				
7 "	4°2' S. 112°48'E.	"	29°—	—				
7.20 "	4°3' S. 112°50'E. 27 M.	" 5 15 25	29°— 29°— 29°1 29°—	33.24 33.31 33.18 33.85				
8 "	4°4' S. 112°55'E.	surf.	28°9	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
18 Nov.								
8.35 a.m.	4°6' S. 113°0' E.	surf.	—	33.31				
9 "	4°6' S. 113°3' E.	"	29°2	—				
9.30 "	4°8' S. 113°8' E.	"	—	33.22				
	27 M.	5	—	33.29				
		15	—	33.60				
		25	—	33.87				
10 "	4°9' S. 113°13' E.	surf.	29°4	—				
10.35 "	4°10' S. 113°16' E.	"	—	32.97				
11 "	4°11' S. 113°20' E.	"	29°9	—				
11.35 "	4°12' S. 113°24' E.	"	29°4	32.66				
	27 M.	5	29°1	32.62				
		15	29°1	33.03				
12 noon	4°15' S. 113°24' E.	surf.	30°2	—				
0.35 p.m.	4°16' S. 113°31' E.	"	—	32.45				
1 "	4°17' S. 113°34' E.	"	30°8	—				
1.30 "	4°17' S. 113°39' E.	"	—	32.88				
	20 M.	5	—	32.93	N 40° E	13.—		
		15	—	33.68	" 40° "	3.—		
2 "	4°17' S. 113°43' E.	surf.	31°—	—				
2.30 "	4°19' S. 113°46' E.	"	—	—				
	18 M.	5	—	—				
		15	—	—				
3 "	4°19' S. 113°46' E.	surf.	30°5	—				
3.55 "	4°27' S. 113°46' E.	"	30°1	33.26				
	31 M.	5	29°2	33.20				
		15	29°4	33.56				
		25	29°2	34.02				
4 "	id.	surf.	—	—				
5.10 "	4°35' S. 113°46' E.	"	—	34.11				
6 "	4°42' S. 113°47' E.	"	30°2	—				
6.10 "	4°43' S. 113°47' E.	"	—	34.12				
	40 M.	5	—	34.26				
		15	—	34.07				
		25	—	34.03				
		35	—	34.37				
7 "	4°49' S. 113°47' E.	surf.	30°3	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
18 Nov.								
7.15 p.m.	4°51'S. 113°47'E.	surf.	—	43.13				
8 "	4°57'S. 113°47'E.	"	30°—	—				
8.15 "	5°0' S. 113°47'E.	"	29°4	34.05				
	42 M.	5	29°—	34.12	N 70° E	44.3		
		15	29°1	34.05	" 60° "	34.1		
		25	29°1	34.25	" 110° "	24.6		
		35	29°—	34.60	" 138° "	16.4		
9 "	id.	surf.	29°—	—				
10 "	5°6' S. 113°47'E.	"	29°4	—				
10.20 "	5°8' S. 113°47'E.	"	—	34.39				
11 "	5°14'S. 113°47'E.	"	28°8	—				
11.15 "	5°18'S. 113°47'E.	"	—	34.50				
	46 M.	5	—	34.45				
		15	—	34.45				
		25	—	34.51				
		35	—	34.68				
12 m.n.	5°22'S. 113°47'E.	surf.	29°—	—				
19 Nov.								
0.25 a.m.	5°24'S. 113°47'E.	"	—	34.43				
1 "	5°29'S. 113°47'E.	"	29°1	—				
1.20 "	5°32'S. 113°47'E.	"	29°4	34.10				
	62 M.	5	29°3	34.26				
		15	29°1	34.40				
		25	28°9	34.55				
		35	28°9	34.61				
		45	28°8	34.61				
		55	28°8	34.64				
2 a.m.	5°32'S. 113°47'E.	surf.	29°2	—				
2.55 "	5°40'S. 113°47'E.	"	—	33.94				
3 "	5°41'S. 113°47'E.	"	29°3	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
19 Nov. 3.50 a.m.	5°49'S. 113°47'E. 71 M.	surf. 5 15 25 35 45 55 65	29°— — — — — — —	33.94 33.96 33.94 34.26 34.60 34.54 34.54 34.51				
5 " 5.45 "	5°49'S. 113°47'E. 71 M.	surf. 5 15 25 35 45 55 65	29°1 29°4 29°4 29°4 29°3 28°8 28°7 28°7	— 33.65 33.60 33.69 34.25 34.60 34.72 34.69	N 75° E " 60° " 70° " 70° " 60° " 70° " 87°	13.— 17.8 30.7 55.9 55.9 54.5 40.9		
8 " 8.45 " 9 " 9.55 "	6°3' S. 113°47'E. 6°9' S. 113°48'E. 6°11'S. 113°48'E. 6°16'S. 113°48'E. 77 M.	surf. " " " 5 15 25 35 45 55 65	29°1 — 29°1 — — — — — — — —	— 33.70 — 33.99 33.99 33.86 34.02 34.25 34.45 34.45 34.59				
11 " 11.20 " 12 noon	6°24'S. 113°49'E. 6°27'S. 113°50'E. 6°30'S. 113°50'E.	surf. " "	29°2 — 29°2	— 33.85 —				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
19 Nov.								
1 p.m.	6°36'S. 113°50'E. 66 M.	surf.	30°—	33.77				
		5	29°5	33.83				
		15	29°5	33.97				
		25	28°8	34.47				
		35	28°5	34.46				
		45	28°5	34.47				
		55	28°5	34.46				
2 „	6°38'S. 113°55'E.	surf.	30°5	—				
2.20 „	6°40'S. 114°2' E.	„	—	34.12				
3 „	6°41'S. 114°5' E. 80 M.	„	—	34.29				
		5	—	34.13				
		15	—	34.21				
		25	—	34.55				
		35	—	34.61				
		45	—	34.69				
		55	—	34.69				
		65	—	34.64				
		75	—	34.56				
4 „	6°42'S. 114°9' E.	surf.	29°4	—				
4.15 „	6°45'S. 114°16'E.	„	—	33.97				
5 „	6°46'S. 114°19'E. 71 M.	„	30°—	34.07				
		5	29°6	34.03				
		15	29°5	34.39				
		25	28°5	34.60				
		35	28°6	34.79				
		45	28°6	34.65				
		55	28°6	34.72				
		65	27°9	34.69				
6 „	6°46'S. 114°20'E.	surf.	29°7	—				
7 „	6°38'S. 114°21'E.	„	29°7	33.60				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
19 Nov.								
7.45 p.m.	6°30'S. 114°22'E. 82 M.	surf. 5 15 25 35 45 55 65	— — — — — — —	33.72 33.92 33.85 34.38 34.58 34.62 34.54 34.54				
8 "	6°30'S. 114°22'E.	surf.	29°6	—				
9 "	6°23'S. 114°23'E.	"	—	—				
9.10 "	6°22'S. 114°24'E.	"	29°6	33.78				
10 "	6°15'S. 114°25'E.	"	29°6	—				
10.10 "	6°14'S. 114°25'E. 82 M.	" 5 15 25 35 45 55 65	29°7 29°5 29°6 28°8 28°8 28°7 28°7 28°7	33.83 33.74 33.96 34.32 34.60 34.39 34.45 34.32				
11 "	6°11'S. 114°25'E.	surf.	29°6	—				
11.40 "	6°6' S. 114°27'E.	"	—	34.25				
12 m.n.	6°4' S. 114°28'E.	"	29°4	—				
20 Nov.								
0.35 a.m.	5°58'S. 114°29'E. 71 M.	" 5 15 25 35 45 55 65	— — — — — — —	34.32 34.25 34.25 34.25 34.28 34.32 34.60 34.32				
1 "	id.	surf.	29°3	—				
1.55 "	5°50'S. 114°31'E.	"	—	34.05				
2 "	5°50'S. 114°31'E.	"	29°3	—				
3 "	5°43'S. 114°32'E.	"	—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
20 Nov.								
2.50 a.m.	5°43'S. 114°32'E. 47 M.	surf. 5 15 25 35 45	29°4 29°4 29°— 29°— 29°— 29°—	33.96 34.01 34.26 34.27 34.32 34.34				
4 "		surf.	29°2	—				
4.20 "		"	—	34.17				
5 "	5°26'S. 114°36'E.	"	29°4	—				
5.10 "	5°25'S. 114°37'E. 33 M.	" 5 15 25	— — — —	34.10 34.03 34.25 34.32				
6 "	5°20'S. 114°39'E.	surf.	29°2	—				
6.15 "	5°18'S. 114°39'E.	"	—	34.06				
7 "	5°12'S. 114°41'E.	"	29°1	—				
7.10 "	5°11'S. 114°41'E. 27 M.	" 5 15 25	29°2 29°2 29°2 29°1	33.96 33.86 34.06 34.15				
8 "	5°5'S. 114°42'E.	surf.	29°—	—				
9 "	4°57'S. 114°40'E.	"	29°—	—				
9.10 "	4°56'S. 114°40'E. 33 M.	" 5 15 25	— — — —	33.79 33.73 33.98 34.15				
10 "	4°50'S. 114°40'E.	surf.	29°—	—				
10.15 "	4°47'S. 114°40'E.	"	—	33.95				
11 "	4°42'S. 114°40'E. 26 M.	" 5 15	28°9 29°2 29°2	32.22 33.65 33.80				
12 noon	4°35'S. 114°39'E.	surf.	28°6	32.42				
1 p.m.	4°24'S. 114°39'E.	" 5 15	28°6 — —	32.53 33.36 33.89	N 214° E " 10° "	33.— 17.8		

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
Seasonal Cruise February 1916.								
Observations Captain van Koesveld.								
5 Febr.								
11.30 a.m.	5°50'S. 106°40'E.	surf.	27°3	30.70				
	49 M.	5	27°4	31.17				
		15	27°7	32.59				
		25	27°8	32.99				
		35	27°8	33.13				
		45	27°8	33.11				
12 noon	id.	surf.	27°3	—				
1 p.m.	5°41'S. 106°41'E.	"	27°4	30.62				
1.5 "	46 M.	5	—	—	N 140° E	9.3		
		15	—	—	" 210° "	17.8		
		25	—	—	" 225° "	22.6		
		35	—	—	" 206° "	15.1		
		45	—	—	" 216° "	11.—		
2 "	id.	surf.	27°5	—				
3 "	5°38'S. 106°40'E.	"	27°8	—				
3.35 "	5°33'S. 106°40'E.	"	—	30.47				
	40 M.	4	—	30.90				
		15	—	32.01				
		25	—	32.70				
		35	—	32.87				
4 "	5°32'S. 106°41'E.	surf.	28°0	—				
4.50 "	5°25'S. 106°40'E.	"	—	30.05				
5 "	5°24'S. 106°40'E.	"	28°2	—				
5.50 "	5°17'S. 106°40'E.	"	28°0	30.67				
	22 M.	5	27°1	30.65				
		15	27°—	30.67				
6 "	5°17'S. 106°40'E.	surf.	27°9	—				
7.5 "	5°9' S. 106°41'E.	"	27°8	30.24				
8.15 "	5°0' S. 106°41'E.	"	—	30.99				
	21 M.	5	—	30.76	N 130° E	33.4		
		15	—	31.46	" 170° "	17.1		
9 "	5°0' S. 106°41'E.	surf.	27°5	—				
10 "	4°54'S. 106°41'E.	"	27°6	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
5 Febr.								
10.20 p.m.	4°52'S. 106°41'E.	surf.	—	31.46				
11 "	4°46'S. 106°41'E.	"	27°5	—				
11.20 "	4°44'S. 106°41'E.	"	27°5	31.36				
	21 M.	5	27°2	31.43				
		15	26°8	31.84.				
12 "	4°40'S. 106°41'E.	surf.	27°2	—				
6 Febr.								
0.33 a.m.	4°36'S. 106°41'E.	"	—	31.46				
1 "	4°33'S. 106°41'E.	"	26°7	—				
1.33 "	4°28'S. 106°41'E.	"	—	31.36				
	24 M.	5	—	31.69				
		15	—	32.03				
2 "	4°26'S. 106°41'E.	surf.	27°—	—				
2.46 "	4°20'S. 106°41'E.	"	—	31.84				
3 "	4°18'S. 106°41'E.	"	—	—				
3.46 "	4°13'S. 106°41'E.	"	26°9	32.14				
	22 M.	5	26°9	32.14				
		15	26°9	32.21				
5 "	4°4' S. 106°41'E.	surf.	26°7	—				
5.30 "	4°0' S. 106°41'E.	"	—	31.89				
	22 M.	5	—	31.99	N 45° E	11.7		
		15	—	32.57	" 305° "	11.7		
6 "	id.	surf.	26°8	—				
7 "	4°0' S. 106°47'E.	"	26°8	—				
7.12 "	4°0' S. 106.49'E.	"	—	32.97				
8 "	4°0' S. 106°55'E.	"	26°7	—				
8.12 "	4°0' S. 106°57'E.	"	26°8	33.12				
	20 M.	5	26°8	33.12				
		15	26°8	33.09				
9 "	4°0' S. 107°1' E.	surf.	26°8	—				
9.25 "	4°0' S. 107°5' E.	"	—	33.39				
10 "	4°0' S. 107°12'E.	"	26°9	—				
10.30 "	3°57'S. 107°18'E.	"	—	33.02				
	20 M.	5	—	33.39				
		15	—	33.35				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
6 Febr.								
11 a.m.	3°56'S. 107°21'E.	surf.	27°1	—				
11.42 "	3°55'S. 107°28'E.	"	—	33.66				
12.45 p.m.	3°55'S. 107°37'E.	"	27°2	33.69				
	28 M.	5	27°2	33.71	N 130° E	43.6		
		15	27°2	33.48	" 150° "	38.9		
		25	27°1	33.65	" 130° "	30.7		
1 "	id.	surf.	27°4	—				
2 "	3°58'S. 107°37'E.	"	27°3	—				
2.45 "	4°4' S. 107°38'E.	"	—	33.58				
3 "	4°6' S. 107°38'E.	"	27°4	—				
3.45 "	4°12'S. 107°38'E.	"	—	33.44				
	29 M.	5	—	33.50				
		15	—	33.49				
		25	—	33.46				
4 "	4°13'S. 107°38'E.	surf.	27°2	—				
4.55 "	4°21'S. 107°38'E.	"	—	33.70				
5 "	4°22'S. 107°38'E.	"	27°1	—				
5.55 "	4°29'S. 107°38'E.	"	27°4	33.51				
		5	27°2	33.48				
		15	26°7	33.30				
		25	26°7	33.34				
7 "	4°35'S. 107°31'E.	surf.	27°3	—				
7.12 "	4°36'S. 107°31'E.	"	27°—	32.97				
8 "	4°43'S. 107°30'E.	"	—	—				
8.12 "	4°44'S. 107°30'E.	"	—	32.77				
	31 M.	5	—	32.70				
		15	—	32.88				
		25	—	32.95				
9 "	4°49'S. 107°30'E.	surf.	27°4	—				
9.23 "	4°52'S. 107°30'E.	"	—	31.84				
10 "	4°57'S. 107°30'E.	"	27°9	—				
10.23 "	5°0' S. 107°28'E.	"	—	30.98				
	33 M.	5	—	30.94	N 317° E	11.—		
		15	—	32.01	" 70° "	13.—		
		25	—	32.59	" 120° "	3.—		

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Locating and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS	Date and hour.
				Direction	Velocity in cm. p. sec.			
S. 107°46'E. 49 M.	surf.	—	31.97					7 Febr.
	5	—	31.70					7 p.m.
	15	—	31.75					7.40 "
	25	—	32.19					
	35	—	32.31					
	45	—	32.29					
S. 107°50'E.	surf.	27°4	—					8 "
S. 107°53'E.	"	—	31.70					9 "
S. 107°55'E.	"	27°8	—					9.20 "
S. 108°0' E. 49 M.	"	27°7	31.83					10 "
	5	27°7	31.97					10.45 "
	15	27°2	31.92					
	25	26°7	32.46					
	35	26°7	32.59					
	45	26°7	32.75					
id.	surf.	27°6	—					11 " "
S. 108°9' E.	"	—	31.95					12 m.n.
S. 108°10'E.	"	27°7	—					8 Febr.
S. 108°16'E. 44 M.	"	—	31.56					1 a.m.
	5	—	31.67					1.43 "
	15	—	31.81					2 "
	25	—	32.50					2.48 "
	35	—	32.80					
S. 108°16'E.	surf.	27°—	—					
S. 108°16'E.	"	—	31.46					
S. 108°16'E.	"	—	—					
S. 108°16'E. 51 M.	"	27°8	31.90					3 "
	5	27°8	31.71	N 84° E	64.7			4 "
	15	26°9	31.78	" 84° "	47.7			4.10 "
	25	26°7	33.12	" 103° "	29.4			5 "
	35	26°7	33.28	" 140° "	26.6			5.15 "
	45	26°6	33.14	" 142° "	23.9			
id.	surf.	27°7	—					
id.	"	27°6	—					
S. 108°16'E.	"	27°6	—					
S. 108°18'E.	"	—	31.87					

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour.	Reckoning and depth.	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
7 Febr.								
7 p.m.	5°27'S. 108°18'E.	surf.	27°3	—				
7.40 "	5°22'S. 108°19'E.	"	—	31.60				
	44 M.	5	—	31.46				
		15	—	31.60				
		25	—	33.23				
		35	—	33.21				
8 "	5°22'S. 108°19'E.	surf.	27°5	—				
9 "	5°14'S. 108°20'E.	"	27°5	—				
9.20 "	5°11'S. 108°20'E.	"	—	31.20				
10 "	5°6' S. 108°20'E.	"	27°4	—				
10.45 "	5°1' S. 108°20'E.	"	27°5	30.88				
	40 M.	5	27°5	31.31	N 10° E	36.—		
		15	27°—	33.04	" 170° "	21.2		
		25	26°9	33.13	" 225° "	17.1		
		35	26°8	33.56	" 243° "	14.4		
11 "	id.	surf.	27°5	—				
12 m.n.	id.	"	27°2	—				
8 Febr.								
1 a.m.	4°56'S. 108°20'E.	"	27°1	—				
1.43 "	4°49'S. 108°20'E.	"	—	30.89				
2 "	4°46'S. 108°20'E.	"	26°9	—				
2.48 "	4°39'S. 108°20'E.	"	—	33.42				
	36 M.	5	—	33.41				
		15	—	33.42				
		25	—	33.42				
		35	—	33.39				
3 "	4°39'S. 108°20'E.	surf.	26°8	—				
4 "	4°30'S. 108°20'E.	"	26°5	—				
4.10 "	4°28'S. 108°20'E.	"	—	33.32				
5 "	4°20'S. 108°20'E.	"	26°4	—				
5.15 "	4°18'S. 108°20'E.	"	26°8	33.46				
	36 M.	5	26°8	33.48				
		15	26°7	33.44				
		25	26°8	33.48				
		35	26°7	33.47				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 Febr.								
6 a.m.	4°15' S. 108°20' E.	surf.	26°7	—				
6.40 "	4°9' S. 108°20' E.	"	—	33.32				
7 "	4°5' S. 108°20' E.	"	—	33.40				
	36 M.	5	—	33.44				
		15	—	33.48				
		25	—	33.50				
		35	—	33.40				
8 "	4°2' S. 108°17' E.	surf.	26°7	—				
	35 M.	5	—	—	N 73° E	16.1		
		15	—	—	" 100° "	13.7		
		25	—	—	" 160° "	6.5		
8.55 "	id.	surf.	—	33.71				
9 "	id.	"	27°1	—				
9.55 "	4° 2' S. 108°25' E.	"	27°3	33.60				
10.55 "	4° 2' S. 108°33' E.	"	27°6	33.79				
	36 M.	5	—	33.75				
		15	—	33.68				
		25	—	33.70				
		35	—	33.66				
12 noon	4°2' S. 108°39' E.	surf.	27°5	—				
0.10 p.m.	4°2' S. 108°41' E.	"	—	33.75				
1 "	4°2' S. 108°47' E.	"	27°2	—				
1.10 "	4°2' S. 108°49' E.	"	27°3	33.86				
	38 M.	5	27°2	33.74				
		15	26°9	33.70				
		25	26°9	33.70				
		35	26°8	33.70				
2 "	4°2' S. 108°54' E.	surf.	27°4	—				
2.35 "	4°2' S. 109°1' E.	"	—	33.66				
3 "	4°2' S. 109°4' E.	"	27°2	—				
3.35 "	4°2' S. 109°10' E.	"	—	33.58				
	44 M.	5	—	33.37	N 136° E	46.4		
		15	—	33.45	" 125° "	40.2		
		25	—	33.36	" 156° "	40.2		
		35	—	33.44	" 148° "	34.1		

TEMPERATURES, SALINITIES AND
 CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 Febr.								
4 p.m.	4°2' S. 109°10'E.	surf.	27°3	—				
5 "	id.	"	27°3	—				
6 "	4°5' S. 109°10'E.	"	27°2	—				
6.30 "	4°10'S. 109°10'E.	"	—	33.85				
7 "	4°13'S. 109°11'E.	"	26°8	—				
7.30 "	4°18'S. 109°11'E.	surf.	27°1	33.69				
	46 M.	5	27°1	33.69				
		15	27°—	33.62				
		25	26°9	33.62				
		35	26°9	33.62				
		45	26°9	33.69				
8 "	4°18'S. 109°12'E.	surf.	27°—	—				
9 "	4°26'S. 109°13'E.	"	27°4	32.31				
10 "	4°34'S. 109°14'E.	"	27°3	31.84				
	51 M.	5	—	31.79				
		15	—	33.46				
		25	—	33.48				
		35	—	33.51				
		45	—	33.55				
11 "	4°40'S. 109°14'E.	surf.	27°4	—				
11.15 "	4°42'S. 109°14'E.	"	—	31.68				
12 m.n.	4°48'S. 109°15'E.	"	27°3	—				
9 Febr.								
0.15 a.m.	4°50'S. 109°15'E.	"	27°5	31.32				
	42 M.	5	27°5	31.36				
		15	27°4	32.62				
		25	26°8	33.39				
		35	26°8	33.39				
		45	26°8	33.48				
1 "	4°52'S. 109°16'E.	surf.	26°8	—				
2 "	4°58'S. 109°17'E.	"	26°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 Febr.								
0.30 p.m.	6°0' S. 109°15'E.	surf.	—	32.02				
	53 M.	5	—	32.14	N 53° E	29.4		
		15	—	32.23	" 65 " "	15.1		
		25	—	33.05	" 104 " "	24.6		
		35	—	33.22	" 136 " "	21.9		
		45	—	33.14	" 140 " "	21.2		
1 "	id.	surf.	27°8	—				
2 "	6°2' S. 109°15'E.	"	27°7	—				
2.45 "	6°8' S. 109°15'E.	"	—	—				
3 "	6°10'S. 109°15'E.	surf.	27°9	—				
3.45 "	6°16'S. 109°15'E.	"	28°4	31.27				
	49 M.	5	28°4	31.20				
		15	27°6	32.38				
		25	26°9	32.90				
		35	26°9	32.90				
		45	—	32.99				
4 "	id.	surf.	28°4	—				
5 "	6°17'S. 109°17'E.	"	28°1	—				
5.35 "	6°17'S. 109°20'E.	"	—	31.42				
6 "	6°18'S. 109°25'E.	"	28°2	—				
6.30 "	6°19'S. 109°28'E.	"	—	31.63				
	49 M.	5	—	31.56				
		15	—	32.76				
		25	—	32.98				
		35	—	33.06				
		45	—	33.06				
7 "	6°19'S. 109°30'E.	surf.	28°2	—				
7.45 "	6°20'S. 109°37'E.	"	—	31.81				
8 "	6°20'S. 109°39'E.	"	28°1	—				
8.45 "	6°22'S. 109°44'E.	"	28°2	31.32				
	53 M.	5	28°2	31.28				
		15	27°3	32.12				
		25	27°1	32.81				
		35	27°—	32.94				
		45	27°—	32.88				
9 "	id.	surf.	28°1	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 Febr.								
10 p.m.	6°23'S. 109°49'E.	surf.	28°1	—				
10.25 "	6°24'S. 109°53'E.	"	—	31.61				
11 "	6°25'S. 109°57'E.	"	28°—	—				
11.25 "	6°25'S. 110°0'E.	"	—	31.65				
	51 M.	5	—	31.29				
		15	—	31.82				
		25	—	32.28				
		35	—	32.74				
		45	—	32.83				
12 m.n.	6°26'S. 110°1' E.	surf.	27°9	—				
10 Febr.								
0.50 a.m.	6°27'S. 110°8' E.	"	—	31.78				
1 "	6°28'S. 110°9' E.	"	28°—	—				
1.50 "	6°28'S. 110°16'E.	"	27°9	31.55				
	46 M.	5	28°—	31.68				
		15	27°3	31.81				
		25	27°3	32.35				
		35	27°2	32.61				
		45	27°1	32.61				
2 "	id.	surf.	27°3	—				
3 "	6°24'S. 110°16'E.	"	27°4	—				
3.25 "	6°21'S. 110°16'E.	"	—	31.84				
4 "	6°17'S. 110°16'E.	"	27°4	—				
4.25 "	6°13'S. 110°16'E.	"	—	31.43				
	51 M.	5	—	31.49				
		15	—	31.49				
		25	—	32.22				
		35	—	32.98				
		45	—	32.92				
5 "	id.	surf.	27°7	—				
6 "	6°7' S. 110°17'E.	"	27°5	—				
6.10 "	6°5' S. 110°17'E.	"	—	31.21				
7 "	5°59'S. 110°17'E.	"	27°7	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation		S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 Febr.								
7.10 a.m.	5°57'S. 110°17'E.	surf.	27°7	31.02				
	51 M.	5	27°7	30.99				
		15	27°5	31.26				
		25	26°9	32.81				
		35	26°9	33.11				
		45	26°9	32.94				
8 "	5°54'S. 110°18'E.	surf.	27°5	—				
8.40 "	5°46'S. 110°18'E.	"	—	31.85				
9 "	5°45'S. 110°18'E.	"	27°3	—				
9.40 "	5°39'S. 110°18'E.	"	—	31.97				
	53 M.	5	—	31.96				
		15	—	32.19				
		25	—	32.90				
		35	—	33.17				
		45	—	33.03				
10 "	5°39'S. 110°18'E.	surf.	27°4	—				
11 "	5°30'S. 110°18'E.	"	27°4	31.89				
12 noon	5°24'S. 110°16'E.	"	27°5	32.—				
	62 M.	5	27°5	31.88				
		15	27°4	31.90				
		25	27°2	32.03				
		35	26°8	33.36				
		45	26°8	33.36				
		55	26°8	33.32				
1 p.m.	5°20'S. 110°16'E.	surf.	27°3	—				
1.27 "	5°16'S. 110°16'E.	"	—	32.13				
2 "	5°11'S. 110°16'E.	"	27°5	—				
2.27 "	5°6' S. 110°16'E.	"	—	32.18				
	62 M.	5	—	32.16				
		15	—	32.04				
		25	—	32.14				
		35	—	33.57				
		45	—	33.53				
		55	—	33.46				
3 "	5°4' S. 110°16'E.	surf.	27°6	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
10 Febr.								
3.45 p.m.	5°0' S. 110°16'E.	surf.	27°7	31.73				
	61 M.	5	27°7	31.74				
		15	27°6	32.83				
		25	26°9	33.35				
		35	26°8	33.36				
		45	26°8	33.39				
		55	26°8	33.40				
4 "	id.	surf.	27°8	—				
5 "	id.	"	27°8	—				
6 "	4°57'S. 110°16'E.	"	27°5	—				
6.40 "	4°52'S. 110°16'E.	"	—	32.19				
7 "	4°48'S. 110°16'E.	"	27°5	—				
7.40 "	4°44'S. 110°16'E.	"	—	31.84				
	58 M.	5	—	31.96				
		15	—	31.96				
		25	—	33.48				
		35	—	33.56				
		45	—	33.41				
		55	—	33.46				
8 "	4°44'S. 110°16'E.	surf.	27°5	—				
9 "	4°36'S. 110°16'E.	"	27°5	31.96				
10 "	4°28'S. 110°16'E.	"	27°6	31.90				
	44 M.	5	27°7	31.86				
		15	27°5	32.94				
		25	27°1	33.32				
		35	27°1	33.19				
11 "	4°23'S. 110°16'E.	surf.	27°5	—				
11.25 "	4°20'S. 110°16'E.	"	—	31.96				
12 m.n.	4°15'S. 110°16'E.	"	27°5	—				
11 Febr.								
0.15 a.m.	4°10'S. 110°16'E.	"	—	32.75				
	38 M.	5	—	32.75				
		15	—	32.95				
		25	—	33.03				
		35	—	33.03				
1 "	4°9' S. 110°16'E.	surf.	27°3	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 Febr.								
2 a.m.	4°1' S. 110°16'E.	surf.	27°4	32.77				
	31 M.	5	27°3	32.67				
		15	27°4	32.81				
		25	27°3	32.94				
3 "	id.	surf.	27°3	—				
4 "	4°2' S. 110°22'E.	"	27°3	—				
4.10 "	4°3' S. 110°24'E.	"	—	32.98				
5 "	4°4' S. 110°26'E.	"	27°3	—				
5.15 "	4°4' S. 110°32'E.	"	—	32.70				
	35 M.	5	—	32.64				
		15	—	32.64				
		25	—	32.72				
6 "	4°4' S. 110°37'E.	surf.	27°2	—				
6.25 "	4°4' S. 110°41'E.	"	—	32.74				
7 "	4°4' S. 110°44'E.	"	27°5	—				
7.25 "	4°4' S. 110°47'E.	"	27°6	32.30				
	36 M.	5	27°6	32.23				
		15	27°5	32.50				
		25	27°3	32.64				
		35	27°2	32.57				
8 "	4°4' S. 110°49'E.	surf.	27°6	—				
8.45 "	4°4' S. 110°56'E.	"	—	32.22				
9 "	4°4' S. 110°59'E.	"	27°6	—				
9.40 "	4°4' S. 111°6' E.	"	—	32.28				
	42 M.	5	—	32.23				
		15	—	31.97				
		25	—	31.97				
		35	—	32.23				
10 "	4°4' S. 111°8' E.	surf.	27°7	—				
11 "	4°0' S. 111°15'E.	"	28°—	31.77				
	44 M.	5	27°8	31.77	N 90° E	49.8		
		15	27°7	31.86	" 77° "	49.1		
		25	27°5	32.04	" 96° "	43.—		
		35	27°2	32.21	" 103° "	23.9		
12 noon	4°0' S. 111°15'E.	surf.	27°9	—				
1 p.m.	4°4' S. 111°15'E.	"	27°9	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 Febr.								
1.30 p.m.	4°08' S. III°15'E.	surf.	—	32.10				
2 "	4°12'S. III°15'E.	"	27°9	—				
2.30 "	4°16'S. III°15'E.	"	—	32.10				
	55 M.	5	—	32.10				
		15	—	32.03				
		25	—	32.10				
		35	—	32.50				
		45	—	32.50				
3 "	4°18'S. III°15'E.	surf.	27°6	—				
3.45 "	4°24'S. III°16'E.	"	—	31.92				
4 "	4°26'S. III°17'E.	"	27°6	—				
4.45 "	4°32'S. III°18'E.	"	27°7	31.97				
	57 M.	5	27°7	31.91				
		15	27°6	31.91				
		25	27°4	32.23				
		35	27°1	32.59				
		45	27°1	32.59				
6 "	4°36'S. III°18'E.	surf.	27°4	—				
6.15 "	4°38'S. III°18'E.	"	—	32.12				
7 "	4°44'S. III°18'E.	"	27°4	—				
7.15 "	4°46'S. III°18'E.	"	—	32.16				
	60 M.	5	—	32.30				
		15	—	32.30				
		25	—	32.37				
		35	—	32.37				
		45	—	32.64				
		55	—	32.74				
8 "	4°49'S. III°18'E.	surf.	27°4	—				
8.35 "	4°53'S. III°18'E.	"	—	32.22				
9 "	4°57'S. III°18'E.	"	27°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
16 Febr.								
7.15 a.m.	5°55'S. 112°36'E. 53 M.	surf. 5 15 25 35 45	— — — — — —	31.98 31.96 31.82 31.82 31.91 32.20				
8 "	5°53'S. 112°35'E.	surf.	27°4	—				
8.45 "	5°44'S. 112°31'E.	"	—	31.65				
9 "	5°42'S. 112°30'E.	"	27°5	—				
9.45 "	5°41'S. 112°30'E.	"	—	31.82				
10 "	5°40'S. 112°32'E.	"	27°7	—				
10.40 "	5°35'S. 112°35'E. 73 M.	" 5 15 25 35 45 55 65	27°9 27°6 27°5 27°5 27°3 27°3 27°3 27°2	31.69 31.55 31.54 31.73 32.21 32.21 32.22 32.29	N 74° E " 72° " " 81° " " 109° "	48.4 44.3 38.2 38.2 31.4 49.8 17.8		
12 noon	5°35'S. 112°35'E.	surf.	27°6	—				
1 p.m.	5°33'S. 112°35'E.	"	27°6	—				
1.45 "	5°27'S. 112°35'E.	"	—	32.04				
2 "	5°25'S. 112°35'E.	"	27°8	—				
2.45 "	5°18'S. 112°35'E. 68 M.	" 5 15 25 35 45 55	— — — — — — —	32.10 32.09 32.04 32.04 32.20 32.27 32.27				
3 "	id.	surf.	27°9	—				
4 "	5°11'S. 112°35'E.	"	28°—	—				
4.13 "	5°10'S. 112°35'E.	"	—	32.04				
5 "	5°1' S. 112°35'E.	"	28°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Ob- serva- tion	<i>t.</i>	S.	Current Obser- vations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
16 Febr.								
5.10 p.m.	5°0' S. 112°35'E.	surf.	28°—	32.17				
	64 M.	5	28°—	32.04	N 103° E	47.—		
		15	27°9	32.12	„ 110° „	36.8		
		25	27°6	31.98	„ 130° „	30.—		
		35	27°6	32.04	„ 125° „	21.9		
		45	27°6	32.21	„ 137° „	21.2		
		55	27°6	32.21	„ 150° „	23.9		
6 „	id.	surf.	27°9	—				
7 „	id.	„	27°8	—				
8 „	4°56'S. 112°35'E.	„	27°6	—				
8.30 „	4°52'S. 112°35'E.	„	—	32.45				
9 „	4°48'S. 112°35'E.	„	27°7	—				
9.30 „	4°44'S. 112°35'E.	„	—	32.27				
	58 M.	5	—	32.27				
		15	—	32.27				
		25	—	32.13				
		35	—	32.13				
		45	—	32.13				
		55	—	32.13				
10 „	id.	surf.	27°6	—				
11 „	4°36'S. 112°35'E.	„	27°4	32.13				
12 m.n.	4°28'S. 112°35'E.	„	27°7	31.60				
	44 M.	5	27°7	31.69				
		15	27°6	31.62				
		25	27°6	31.62				
		35	27°6	31.62				
17 Febr.								
1 a.m.	4°24'S. 112°35'E.	surf.	27°6	—				
1.27 „	4°20'S. 112°35'E.	„	—	31.62				
2 „	4°16'S. 112°35'E.	„	27°6	—				
2.27 „	4°12'S. 112°35'E.	„	—	31.64				
	29 M.	5	—	31.68				
		15	—	31.68				
		25	—	31.68				
3 „	4°9' S. 112°35'E.	surf.	27°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
17 Febr.								
4 a.m.	4°0' S. 112°35'E.	surf.	27°7	31.26				
	29 M.	5	27°9	31.31	N 212° E	16.4		
		15	27°9	31.31	„ 210° „	19.8		
		25	27°9	31.31	„ 220° „	5.2		
5 „	id.	surf.	27°7	—				
6 „	4°2' S. 112°41'E.	„	27°7	—				
6.10 „	4°2' S. 112°42'E.	„	—	31.70				
7 „	4°3' S. 112°48'E.	„	27°8	—				
7.10 „	4°4' S. 112°49'E.	„	—	31.73				
	27 M.	5	—	31.63				
		15	—	31.63				
		25	—	31.69				
8 „	4°5' S. 112°53'E.	surf.	27°9	—				
8.23 „	4°6' S. 112°56'E.	„	—	31.63				
9 „	4°6' S. 113°2' E.	„	28°1	—				
9.23 „	4°8' S. 113°4' E.	„	28°1	31.48				
	36 M.	5	28°—	31.48				
		15	28°—	31.50				
		25	27°9	31.63				
		35	27°9	31.65				
10 „	4°8' S. 113°5' E.	surf.	28°3	—				
10.45 „	4°9' S. 113°12'E.	„	—	30.72				
11 „	4°9' S. 113°14'E.	„	28°—	—				
11.40 „	4°11'S. 113°19'E.	„	—	30.98				
	27 M.	5	—	30.98				
		15	—	30.89				
		25	—	31.36				
12 noon	4°12'S. 113°21'E.	surf.	28°3	—				
0.50 p.m.	4°14'S. 113°29'E.	„	—	30.83				
1 „	4°15'S. 113°31'E.	„	28°1	—				
1.50 „	4°16'S. 113°37'E.	„	29°—	30.99				
	24 M.	5	28°2	30.99				
		15	28°1	31.03				
2 „	id.	surf.	29°—	—				
3 „	4°17'S. 113°39'E.	„	28°8	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
17 Febr.								
3.30 p.m.	4°19'S. 113°51'E.	surf.	—	31.26				
	16 M.	5	—	31.26	N 33° E	13.4		
		15	—	31.23	" 34° "	6.2		
4 "	4°19'S. 113°51'E.	surf.	28°6	—				
5 "	4°22'S. 113°51'E.	"	28°2	—				
5.25 "	4°27'S. 113°51'E.	"	—	31.60				
6 "	4°30'S. 113°51'E.	"	28°2	—				
6.25 "	4°34'S. 113°51'E.	"	—	31.69				
	38 M.	5	—	31.73				
		15	—	31.69				
		25	—	31.69				
		35	—	31.69				
7 "	4°38'S. 113°51'E.	surf.	28°1	—				
7.40 "	4°43'S. 113°51'E.	"	—	31.97				
8 "	4°46'S. 113°51'E.	"	28°1	—				
8.40 "	4°50'S. 113°50'E.	"	27°8	32.03				
	38 M.	5	27°8	32.10				
		15	27°8	32.—				
		25	27°8	31.97				
		35	27°8	31.97				
9 "	id.	surf.	27°8	—				
10 "	4°57'S. 113°49'E.	"	27°8	—				
10.5 "	4°58'S. 113°49'E.	"	—	32.18				
11 "	id.	"	27°7	—				
12 m.n.	5°4' S. 113°47'E.	"	27°7	—				
18 Febr.								
0.10 a.m.	5°6' S. 113°46'E.	"	—	32.07				
	53 M.	5	—	32.10				
		15	—	32.10				
		25	—	31.97				
		35	—	31.97				
		45	—	32.03				
		surf.	27°6	—				
		"	—	31.92				
		"	27°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
18 Febr.								
2.45 a.m.	5°24'S. 113°42'E.	surf.	27°6	31.80				
	60 M.	5	27°6	31.70				
		15	27°6	31.77				
		25	27°6	31.83				
		35	37°6	31.83				
		45	27°5	31.90				
		55	27°5	31.94				
4 "	5°28'S. 113°41'E.	surf.	27°4	—				
4.43 "	5°34'S. 113°40'E.	"	—	32.04				
5 "	5°37'S. 113°39'E.	"	27°4	—				
5.50 "	5°42'S. 113°39'E.	"	—	31.92				
	69 M.	6	—	31.90				
		15	—	31.90				
		25	—	31.85				
		35	—	31.83				
		45	—	31.90				
		55	—	31.90				
		65	—	31.97				
6 "	id.	surf.	27°5	—				
7 "	5°48'S. 113°38'E.	"	27°4	—				
7.15 "	5°51'S. 113°38'E.	"	—	31.75				
8 "	5°57'S. 113°39'E.	"	27°4	—				
8.15 "	6°0' S. 113°39'E.	"	27°6	32.11				
	73 M.	5	27°5	32.03				
		15	27°5	32.03				
		25	27°5	31.98				
		35	27°5	31.98				
		45	27°4	32.—				
		55	27°3	32.10				
		65	26°2	32.04				
10 "	id.	surf.	27°7	—				
11 "	6°8' S. 113°40'E.	"	27°7	—				
11.7 "	6°9' S. 113°41'E.	"	—	32.—				
12 noon	6°16'S. 113°41'E.	"	28°1	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
18 Febr.								
0.7 p.m.	6°17'S. 113°42'E.	surf.	—	32.21				
	79 M.	5	—	32.21				
		15	—	32.09				
		25	—	31.77				
		35	—	31.86				
		45	—	32.22				
		55	—	32.90				
		65	—	33.97				
1 "	6°19'S. 113°43'E.	surf.	27°9	—				
1.45 "	6°26'S. 113°44'E.	"	—	32.22				
2 "	6°27'S. 113°45'E.	"	28°4	—				
2.45 "	6°36'S. 113°49'E.	"	28°8	31.74				
	69 M.	5	27°9	32.18				
		15	27°6	32.09				
		25	27°6	32.23				
		35	27°3	32.42				
		45	26°9	32.64				
		55	25°1	34.45				
		65	25°1	34.27				
3 "	id.	surf.	28°8	—				
4 "	id.	"	28°8	—				
5 "	6°38'S. 113°56'E.	"	28°7	—				
5.6 "	6°38'S. 113°57'E.	"	—	32.20				
6 "	6°40'S. 114°4' E.	"	—	32.10				
	80 M.	5	—	32.03				
		15	—	31.98				
		25	—	32.04				
		35	—	32.27				
		45	—	—				
		55	—	—				
		65	—	—				
		75	—	34.14				
7 "	6°42'S. 114°8' E.	surf.	28°1	—				
7.28 "	6°43'S. 114°13'E.	"	—	32.29				
8 "	6°44'S. 114°17'E.	"	28°1	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
18 Febr.								
8.10 p.m.	6°45'S. 114°19'E. 73 M.	surf. 5 15 25 35 45 55 65	28°2 27°8 27°7 27°4 26°5 25°8 25°5 25°3	32.22 32.03 32.05 32.25 33.12 33.85 33.96 34.07				
9 "	6°43'S. 114°20'E.	surf.	28°1	—				
9.40 "	6°38'S. 114°21'E.	"	—	32.25				
10 "	6°35'S. 114°21'E.	"	27°9	—				
10.30 "	6°29'S. 114°22'E. 77 M.	" 5 15 25 35 45 55 65	— — — — — — — —	31.90 31.82 31.83 31.88 31.94 32.14 32.32 33.43				
11 "	6°28'S. 114°22'E.	surf.	27°7	—				
11.50 "	6°20'S. 114°23'E.	"	—	31.94				
12 m.n.	6°19'S. 114°24'E.	"	27°7	—				
19 Febr.								
0.40 a.m.	6°14'S. 114°26'E. 79 M.	" 5 15 25 35 45 55 65 75	27°6 27°6 27°6 27°5 27°5 27°5 27°4 26°2 24°1	32.19 32.16 32.16 32.03 32.03 32.03 32.11 32.98 34.32				
2 "	6°9' S. 114°27'E.	surf.	27°5	—				
2.34 "	6°5' S. 114°28'E.	"	—	32.10				
3 "	6°2' S. 114°29'E.	"	27°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
19 Febr.								
3.27 a.m.	5°58'S. 114°29'E. 68 M.	surf. 5 15 25 35 45 55 65	— — — — — — —	32.05 31.88 31.88 31.88 31.88 31.97 32.77				
4 "	5°57'S. 114°29'E.	surf.	27°5	—				
4.50 "	5°51'S. 114°32'E.	"	—	32.17				
5 "	5°50'S. 114°32'E.	"	27°6	—				
5.43 "	5°45'S. 114°32'E. 42 M.	surf. 5 15 25 35	27°8 27°8 27°8 27°8	32.18 32.— 31.98 31.82 32.19				
6 "	5°45'S. 114°32'E.	surf.	27°8	—				
7 "	5°39'S. 114°34'E.	"	27°7	32.02				
8 "	5°30'S. 114°38'E.	"	27°7	—				
8.5 "	5°30'S. 114°38'E. 31 M.	5 15 25	27°8 27°8 27°8	31.92 31.92 32.04				
9 "	5°26'S. 114°39'E.	surf.	27°7	—				
9.40 "	5°22'S. 114°38'E.	"	—	32.07				
10 "	5°18'S. 114°38'E.	"	27°7	—				
10.33 "	5°15'S. 114°38'E. 29 M.	5 15 25	— — —	32.16 32.20 32.16 32.09				
11 "	5°15'S. 114°39'E.	surf.	27°7	—				
11.45 "	5°6' S. 114°40'E.	"	—	32.—				
12 noon	5°4' S. 114°41'E.	"	27°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
19 Febr.								
0.50 p.m.	4°56'S. 114°42'E.	surf.	27°7	31.44				
	33 M.	5	27°6	31.44				
		15	27°6	31.51				
		25	27°6	31.51				
1	id.	surf.	27°7	—				
2	4°49'S. 114°42'E.	„	27°8	31.64				
2.5	4°48'S. 114°42'E.	„	—	—				
3	4°42'S. 114°42'E.	„	27°4	—				
3.5	4°41'S. 114°42'E.	„	—	31.56				
	27 M.	5	—	31.53				
		15	—	31.53				
		25	—	31.49				
4	4°38'S. 114°42'E.	surf.	27°4	—				
4.30	4°34'S. 114°41'E.	„	—	31.40				
5 p.m.	4°30'S. 114°40'E.	surf.	27°6	—				
6	4°23'S. 114°39'E.	„	27°8	30.86				
	26 M.	5	27°8	30.80				
		15	27°8	30.84				

Seasonal Cruise MAY 1916.

Observations Captain van Koesveld.

3 May								
2.12 p.m.	5°50'S. 106°40'E.	surf.	29°2	32.43				
	49 M.	5	29°2	32.50				
		15	29°1	32.45				
		25	29°—	32.62				
		35	29°—	32.75				
		45	29°—	32.83				
3	5°46'S. 106°40'E.	surf.	28°8	—				
3.35	5°42'S. 106°40'E.	„	—	32.79				
4	5°39'S. 106°40'E.	„	28°7	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
3 May								
4.40 p.m.	5°34'S. 106°39'E.	surf.	29°—	32.72				
	35 M.	5	29°1	32.72				
		15	29°—	32.86				
		25	29°—	32.91				
6 "	5°26'S. 106°39'E.	surf.	28°8	33.30				
7 "	5°18'S. 106°39'E.	"	29°—	33.17				
	22 M.	5	29°—	33.03				
		15	29°1	33.03				
8 "	5°13'S. 106°39'E.	surf.	28°8	—				
8.15 "	5°11'S. 106°39'E.	"	—	33.03				
9 "	5°5' S. 106°39'E.	"	28°9	—				
9.20 "	5°2' S. 106°39'E.	"	28°9	33.03				
	21 M.	5	29°—	33.11				
		15	29°—	33.11				
10 "	4°59'S. 106°39'E.	surf.	28°5	—				
10.35 "	4°54'S. 106°39'E.	"	—	33.03				
11 "	4°51'S. 106°40'E.	"	28°5	—				
11.40 "	4°46'S. 106°40'E.	"	28°9	33.17				
	22 M.	5	28°9	33.23				
		15	28°9	33.17				
12 m.n.	4°45'S. 106°40'E.	surf.	28°4	—				
4 May								
1 a.m.	4°38'S. 106°40'E.	"	28°6	33.18				
2 "	4°30'S. 106°40'E.	"	28°9	33.17				
	22 M.	5	29°—	33.23				
		15	29°—	33.17				
3 "	4°24'S. 106°40'E.	surf.	28°8	—				
3.15 "	4°22'S. 106°40'E.	"	28°5	33.17				
4 "	4°16'S. 106°40'E.	"	—	—				
4.13 "	4°14'S. 106°40'E.	"	28°9	33.17				
	22 M.	5	29°—	33.11				
		15	28°9	33.17				
5 "	4°10'S. 106°40'E.	surf.	28°5	—				
5.30 "	4°6' S. 106°40'E.	"	—	33.17				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
4 May								
6 a.m.	4°3' S. 106°41'E.	surf.	28°3	—				
6.30 "	4°0' S. 106°40'E.	"	28°9	33.23				
	22 M.	5	28°9	33.23				
		15	28°9	33.19				
7 "	4°0' S. 106°43'E.	surf.	28°3	—				
		5	28°3	—				
7.40 "	4°0' S. 106°48'E.	surf.	—	33.66				
8 "	4°1' S. 106°54'E.	"	28°6	—				
8.30 "	4°2' S. 106°59'E.	"	29°—	33.57				
	20 M.	5	29°—	33.57				
		15	29°—	33.50				
9 "	4°3' S. 107°1' E.	surf.	28°8	—				
9.45 "	4°4' S. 107°7' E.	"	—	33.61				
10 "	4°4' S. 107°9' E.	"	28°9	—				
10.45 "	4°5' S. 107°15'E.	"	29°1	33.44				
	20 M.	5	29°—	33.31				
		15	29°—	33.31				
12 noon	4°6' S. 107°22'E.	surf.	29°7	33.57				
1 p.m.	4°6' S. 107°30'E.	"	29°8	33.50				
	26 M.	5	29°1	33.47				
		15	29°2	33.63				
2 "	4°7' S. 107°30'E.	surf.	29°8	—				
2.45 "	4°8' S. 107°30'E.	"	—	33.97				
3 "	4°13'S. 107°30'E.	"	29°8	—				
3.10 "	4°16'S. 107°30'E.	"	29°9	33.85				
	27 M.	5	29°1	33.67				
		15	28°9	33.65				
		25	28°9	33.56				
4 "	4°22'S. 107°28'E.	surf.	29°9	—				
4.25 "	4°24'S. 107°26'E.	"	—	33.67				
5 "	4°28'S. 107°26'E.	"	29°9	—				
5.25 "	4°32'S. 107°28'E.	"	30°3	33.57				
	29 M.	5	29°2	33.56				
		15	29°—	33.60				
		25	29°—	33.60				
6 "	4°34'S. 107°28'E.	surf.	29°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
4 May								
6.45 p.m.	4°40'S. 107°28'E.	surf.	—	33.53				
7 "	4°42'S. 107°28'E.	"	29°3	—				
7.45 "	4°47'S. 107°28'E.	"	29°3	33.89				
	29 M.	5	29°—	33.77				
		15	28°9	33.69				
		25	28°9	33.63				
9 "	4°55'S. 107°28'E.	surf.	28°7	33.56				
10 "	5°3' S. 107°29'E.	"	28°9	33.36				
	29 M.	5	28°9	33.30				
		15	28°8	33.36				
		25	28°8	33.36				
11 "	5°9' S. 107°29'E.	surf.	28°7	—				
11.20 "	5°11'S. 107°29'E.	"	—	33.27				
12 m.n.	5°17'S. 107°29'E.	"	28°6	—				
5 March								
0.20 a.m.	5°21'S. 107°29'E.	"	28°8	33.06				
	37 M.	5	28°8	33.06				
		15	28°8	33.01				
		25	28°8	33.19				
		35	28°8	33.23				
1 "	5°22'S. 107°29'E.	surf.	28°6	—				
1.50 "	5°30'S. 107°29'E.	"	—	33.23				
2 "	5°32'S. 107°30'E.	"	28°6	—				
2.50 "	5°33'S. 107°30'E.	"	28°9	33.06				
	46 M.	5	28°9	33.06				
		15	28°9	33.10				
		25	28°9	33.10				
		35	28°9	33.19				
4 "	id.	surf.	28°7	—				
5 "	5°29'S. 107°30'E.	"	28°6	33.35				
6 "	5°45'S. 107°32'E.	"	28°5	—				
6.15 "	5°47'S. 107°33'E.	"	28°9	33.35				
	44 M.	5	28°9	33.15				
		15	28°9	33.22				
		25	28°8	33.09				
		35	28°9	33.19				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
5 May								
7 a.m.	5°48'S. 107°36'E.	surf.	28°2	—				
7.45 "	5°48'S. 107°40'E.	"	—	33.12				
8 "	5°49'S. 107°42'E.	"	28°5	—				
8.45 "	5°51'S. 107°46'E.	"	28°7	32.94				
	46 M.	5	28°7	32.94				
		15	28°7	32.99				
		25	28°8	32.99				
		35	28°8	33.12				
10 "	5°52'S. 107°52'E.	surf.	28°3	32.98				
10.50 "	5°53'S. 108°0' E.	"	28°9	33.13				
	46 M.	5	28°8	33.13				
		15	28°8	33.07				
		25	28°8	33.04				
		35	28°8	33.18				
12 noon	5°52'S. 108° 8'E.	surf.	28°4	33.26				
1 p.m.	5°54'S. 108°14'E.	"	29°—	33.—				
	45 M.	5	28°9	32.91				
		15	28°8	32.91				
		25	28°8	32.97				
		35	28°8	33.—				
2 "	5°48'S. 108°15'E.	surf.	28°9	—				
2.20 "	5°46'S. 108°15'E.	"	—	32.65				
3.15 "	5°37'S. 108°15'E.	surf.	29°1	32.96				
		5	29°—	32.97				
		15	28°7	32.97				
		25	28°8	32.91				
		35	28°8	33.24				
		45	28°9	33.24				
4 "	5°38'S. 108°15'E.	surf.	29°—	—				
4.40 "	5°29'S. 108°15'E.	"	—	33.21				
5 "	5°27'S. 108°15'E.	"	29°—	—				
5.40 "	5°21'S. 108°15'E.	"	29°—	33.08				
	46 M.	5	28°9	33.12				
		15	28°7	33.11				
		25	28°7	33.14				
		35	28°8	33.15				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
5 May								
7 p.m.	5°15'S. 108°15'E.	surf.	28°9	33.18				
8 "	5°7' S. 108°15'E.	"	28°9	33.21				
	42 M.	5	28°9	33.04				
		15	28°8	33.11				
		25	28°8	33.32				
		35	28°8	33.32				
9 "	5°1' S. 108°15'E.	surf.	28°7	—				
9.20 "	4°59'S. 108°15'E.	"	—	33.23				
10 "	4°53'S. 108°15'E.	"	28°7	—				
10.25 "	4°51'S. 108°16'E.	"	29°—	33.31				
	38 M.		29°—	33.27				
		15	28°9	33.27				
		25	28°9	33.40				
		35	28°9	33.40				
11 "	4°49'S. 108°16'E.	surf.	28°7	—				
11.45 "	4°43'S. 108°17'E.	"	—	33.38				
12 m.n.	4°41'S. 108°17'E.	"	28°7	—				
6 May								
0.50 a.m.	4°35'S. 108°18'E.	"	28°9	33.40				
	36 M.	5	28°9	33.40				
		15	28°9	33.36				
		25	28°8	33.36				
		35	28°8	33.36				
2 "	4°29'S. 108°18'E.	surf.	28°7	—				
2.15 "	4°27'S. 108°19'E.	surf.	—	33.32				
3 "	4°21'S. 108°19'E.	"	28°6	—				
3.15 "	4°19'S. 108°19'E.	"	28°9	33.36				
	38 M.	5	28°9	33.40				
		15	28°9	33.40				
		25	28°8	33.40				
		35	28°8	33.40				
4 "	4°16'S. 108°20'E.	surf.	28°8	—				
4.42 "	4°10'S. 108°20'E.	"	—	33.46				
5 "	4°8' S. 108°21'E.	"	38°8	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour.	Reckoning and depth.	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
6 May								
6.5 a.m.	3°59'S. 108°22'E.	surf.	28°9	33.54				
		5	28°9	33.40				
		15	28°9	33.41				
		25	28°9	33.41				
		35	28°9	33.55				
7 "	3°59'S. 108°28'E.	surf.	28°7	—				
7.20 "	3°59'S. 108°30'E.	"	—	33.35				
8.15 "	3°59'S. 108°38'E.	"	28°9	33.58				
	35 M.	5	28°8	33.39				
		15	28°8	33.36				
		25	28°8	33.39				
9 "	4°0' S. 108°42'E.	surf.	28°7	—				
9.35 "	4°0' S. 108°46'E.	"	—	33.39				
10 "	4°1' S. 108°50'E.	"	28°6	—				
10.35 "	4°1' S. 108°58'E.	"	28°9	33.27				
	35 M.	5	28°9	33.27				
		15	28°8	33.23				
		25	28°8	33.27				
11 "	4°2' S. 108°59'E.	surf.	28°7	—				
11.52 "	4°2' S. 109°3' E.	"	—	33.46				
12 noon	4°3' S. 109°5' E.	"	28°7	—				
0.50 p.m.	4°0' S. 109°11'E.	"	29°1	33.31				
	35 M.	5	29°1	33.18				
		15	28°9	33.18				
		25	28°7	33.31				
1 "	id.	surf.	29°8	—				
2 "	4°7' S. 109°10'E.	"	29°1	—				
2.5 "	4°8' S. 109°9' E.	surf.	—	33.20				
3 "	4°15'S. 109°8' E.	"	29°3	—				
3.5 "	4°16'S. 109°7' E.	"	29°7	32.94				
	42 M.	5	29°1	32.94				
		15	28°8	33.02				
		25	28°7	33.31				
		35	28°7	33.37				
4 "	4°21'S. 109°8' E.	surf.	29°5	—				
4.30 "	4°25'S. 109°8' E.	"	—	32.85				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
6 May								
5 p.m.	4°29'S. 109°8' E.	surf.	29°3	—				
5.30 "	4°33'S. 109°8' E.	"	29°4	32.91				
	47 M.	5	29.1	32.85				
		15	28°8	32.93				
		25	28°7	33.35				
		35	28°7	33.35				
		45	28°7	33.35				
7 "	4°41'S. 109°8' E.	surf.	—	32.70				
8 "	4°59'S. 109°8' E.	"	29°2	32.38				
	49 M.	5	28°9	32.38				
		15	28°8	32.47				
		25	28°8	32.80				
		35	28°7	33.21				
		45	28°7	33.30				
9 "	4°56'S. 109°8' E.	surf.	29°1	—				
9.25 "	4°59'S. 109°8' E.	"	—	32.63				
10 "	5°3' S. 109°8' E.	"	29°1	—				
10.25 "	5°8' S. 109°8' E.	"	29°1	32.65				
	49 M.	5	29°1	32.51				
		15	28°8	32.49				
		25	28°7	32.54				
		35	28°8	32.77				
		45	28°7	33.31				
11 "	5°9' S. 109°8' E.	surf.	29°1	—				
11.50 "	5°16'S. 109°9' E.	"	—	32.33				
12 m.n.	5°17'S. 109°10'E.	"	29°—	—				
7 May								
0.50 a.m.	5°24'S. 109°11'E.	surf.	29°—	32.29				
	49 M.	5	29°—	32.29				
		15	28°8	32.36				
		25	28°8	32.63				
		35	28°8	32.74				
		45	28°7	33.14				
2 "	5°30'S. 109°12'E.	surf.	29°1	—				
2.20 "	5°32'S. 109°12'E.	"	—	32.37				
3 "	5°37'S. 109°13'E.	"	28°9	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity, in cm. p. sec.		
7 May								
3.20 a.m.	5°38'S. 109°14'E.	surf.	28°9	32.41				
	51 M.	5	28°9	32.41				
		15	28°8	32.52				
		25	28°8	32.55				
		35	28°8	32.60				
		45	28°7	33.10				
4 "	5°39'S. 109°14'E.	surf.	29°—	—				
4.50 "	5°45'S. 109°14'E.	"	—	32.79				
5 "	5°46'S. 109°14'E.	"	28°8	—				
5.55 "	5°52'S. 109°15'E.	"	29°—	32.74				
	49 M.	5	29°—	32.55				
		15	28°9	32.60				
		25	28°9	32.60				
		35	28°9	32.66				
		45	28°8	33.06				
7 "	5°58'S. 109°15'E.	surf.	29°—	—				
7.15 "	6°0' S. 109°15'E.	"	—	32.66				
8 "	6°6' S. 109°15'E.	"	29°—	—				
8.15 "	6°8' S. 109°15'E.	"	28°8	33.10				
	51 M.	5	28°9	32.83				
		15	28°9	32.96				
		25	28°8	32.89				
		35	28°8	33.06				
		45	28°7	33.06				
9 "	6°12'S. 109°16'E.	surf.	28°9	—				
9.40 "	6°15'S. 109°13'E.	"	28°9	32.68				
	49 M.	5	28°9	32.74				
		15	28°9	32.74				
		25	28°9	32.77				
		35	28°7	33.04				
		45	28°6	33.10				
11 "	6°17'S. 109°20'E.	surf.	29°3	33.03				

TEMPERATURES, SALINITIES AND
 CURRENT MEASUREMENTS IN THE JAVA SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
7 Febr.								
12 noon	6°13'S. 109°29'E. 49 M.	surf. 5 15 25 35 45	29°3 29°1 29°— 28°9 28°7 28°7	32.87 32.80 32.80 32.75 33.09 33.27				
1 p.m.	6°15'S. 109°36'E.	surf.	29°7	—				
1.13 "	6°16'S. 109°37'E.	"	—	32.87				
2 "	6°18'S. 109°44'E.	"	29°4	—				
2.10 "	6°19'S. 109°45'E. 49 M.	" 5 15 25 35 45	29°5 29°1 29°— 29°— 29°— 28°7	32.83 32.75 32.75 32.70 32.83 33.30				
3 "	6°21'S. 109°52'E.	surf.	29°85	—				
3.23 "	6°21'S. 109°53'E.	"	—	32.92				
4 "	6°23'S. 109°58'E.	"	29°3	—				
4.7 "	6°26'S. 109°59'E. 49 M.	" 5 15 25 35 45	29°7 29°2 29°1 29°— 28°9 28°6	32.84 32.76 32.76 32.70 32.70 33.43				
5 "	6°26'S. 110°1' E.	surf.	29°6	—				
5.40 "	6°27'S. 110°8' E.	"	—	32.62				
6 "	6°27'S. 110°9' E.	"	29°6	—				
6.40 "	6°27'S. 110°16'E. 46 M.	" 5 15 25 35 45	29°3 29°3 29°2 29°1 28°6 28°5	32.53 32.53 32.49 32.56 33.26 33.35				
8 "	6°20'S. 110°16'E.	surf.	29°4	—				
8.7 "	6°19'S. 110°16'E.	"	—	32.81				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
7 Febr.								
9 p.m.	6°11'S. 110°16'E.	surf.	29°2	32.47				
	47 M.	5	29°1	32.50				
		15	29°2	32.64				
		25	29°2	32.76				
		35	28°8	33.10				
		45	28°8	33.17				
8. Febr.								
6 a.m.	6°5' S. 110°16'E.	surf.	29°1	—				
6.10 "	6°3' S. 110°16'E.	"	—	32.66				
7 "	5°55'S. 110°17'E.	"	29°2	32.60				
	49 M.	5	29°1	32.60				
		15	29°1	32.60				
		25	29°1	32.74				
		35	29°—	32.74				
		45	28°9	32.95				
8 "	5°51'S. 110°17'E.	surf.	29°2	—				
8.20 "	5°47'S. 110°18'E.	"	—	32.75				
9 "	5°41'S. 110°18'E.	"	28°9	—				
9.20 "	5°39'S. 110°17'E.	"	29°1	32.70				
	55 M.	5	29°1	32.62				
		15	29°—	32.66				
		25	28°9	32.90				
		35	28°7	32.90				
		45	28°6	33.10				
10 "	5°38'S. 110°17'E.	surf.	29°1	—				
10.45 "	5°31'S. 110°17'E.	"	—	33.06				
11 "	5°28'S. 110°17'E.	"	29°2	—				
11.30 "	5°24'S. 110°17'E.	"	29°—	32.71				
	57 M.	5	29°—	32.71				
		15	28°9	32.71				
		25	28°9	32.77				
		35	28°9	32.65				
		45	28°7	33.12				
		55	28°6	33.31				
0.55 p.m.	5°16'S. 110°17'E.	surf.	—	32.70				
1 "	5°15'S. 110°17'E.	"	29°2	—				

TEMPERATURES, SALINITIES AND
 CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 Febr.								
1.50 p.m.	5°7' S. 110°17'E. 64 M.	surf. 5 15 25 35 45 55	29°2 28°9 28°8 28°9 28°8 28°7 28°6	32.68 32.68 32.71 32.73 32.73 32.77 33.11				
2 "	id.	surf.	29°2	—				
3 "	5°0' S. 110°17'E.	"	29°2	—				
3.8 "	4°49'S. 110°17'E.	"	—	32.90				
4 "	4°52'S. 110°17'E.	"	29°2	—				
4.7 "	4°51'S. 110°17'E. 58 M.	" 5 15 25 35 45 55	29°1 29°— 28°8 28°7 28°7 28°6 28°4	32.68 32.72 32.68 32.65 32.65 32.84 33.43				
5 "	4°48'S. 110°17'E.	surf.	29°1	—				
5.35 "	4°42'S. 110°17'E.	"	—	32.60				
6 "	4°38 S. 110°17'E.	"	29°—	—				
6.30 "	4°34'S. 110°17'E. 47 M.	" 5 15 25 35 45	28°8 28°9 28°7 28°6 28°5 28°5	32.56 32.56 32.65 32.65 32.97 32.96				
8 "	4°24'S. 110°17'E.	surf.	—	32.74				
8.50 "	4°17'S. 110°17'E. 38 M.	" 5 15 25 35	29°2 29°2 28°9 28°6 28°6	31.99 31.74 32.54 32.94 32.93				
9 "	id.	surf.	29°2	—				
10 "	4°9' S. 110°17'E.	"	29°2	32.69				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
8 May								
11 p.m.	4°0' S. 110°17'E.	surf.	29°2	31.83				
	38 M.	5	29°1	31.83				
		15	28°6	33.21				
		25	28°5	33.21				
		35	28°5	33.21				
12 m.n.	4°0' S. 110°22'E.	surf.	29°1	—				
9 May								
0.10 a.m.	4°0' S. 110°23'E.	"	—	32.06				
1.5 "	4°0' S. 110°28'E.	"	29°1	31.69				
	38 M.	5	29°1	31.69				
		15	28°5	32.90				
		25	28°5	32.99				
		35	28°4	33.06				
2 "	4°0' S. 110°32'E.	surf.	29°—	—				
2.25 "	4°0' S. 110°34'E.	"	—	31.82				
3 "	4°0' S. 110°38'E.	"	29°—	—				
3.20 "	4°0' S. 110°40'E.	"	29°—	31.75				
	40 M.	5	29°—	31.82				
		15	28°6	32.74				
		25	28°5	33.03				
		35	28°4	33.13				
4 "	4°0' S. 110°42'E.	surf.	29°—	—				
4.43 "	4°0' S. 110°46'E.	"	—	31.77				
5 "	4°0' S. 110°47'E.	"	29°—	—				
5.55 "	4°0' S. 110°52'E.	"	28°9	31.70				
	42 M.	5	28°8	31.70				
		15	28°5	32.74				
		25	28°5	32.76				
		35	28°4	33.15				
6 "	4°0' S. 110°52'E.	surf.	29°—	—				
6.55 "	4°0' S. 110°58'E.	"	29°—	31.68				
	46 M.	5	28°9	31.76				
		15	28°7	32.67				
		25	28°6	32.87				
		35	28°4	33.03				
7 "	4°0' S. 110°58'E.	surf.	29°—	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 May								
8 a.m.	4°3' S. 111°3' E.	surf.	29°—	—				
9 "	4°8' S. 111°9' E.	"	—	32.47				
10 "	4°9' S. 111°15' E.	"	29°3	32.08				
	49 M.	5	29°1	32.08				
		15	28°6	32.93				
		25	28°4	33.11				
		35	28°4	33.18				
		45	28°4	33.24				
11 "	4°11' S. 111°15' E.	surf.	29°6	32.79				
12 noon	4°20' S. 111°15' E.	"	29°—	—				
0.5 p.m.	4°22' S. 111°15' E.	"	28°9	32.74				
	55 M.	5	28°7	32.60				
		15	28°7	32.60				
		25	28°7	32.74				
		35	28°6	32.94				
		45	28°4	33.27				
1 "	4°26' S. 111°15' E.	surf.	28°9	—				
1.25 "	4°30' S. 111°15' E.	"	—	32.64				
2 "	4°34' S. 111°15' E.	"	28°9	—				
2.20 "	4°36' S. 111°15' E.	"	29°—	32.39				
	60 M.	5	28°9	32.47				
		15	28°8	32.47				
		25	28°8	32.47				
		35	28°8	32.60				
		45	28°7	32.60				
		55	28°4	33.41				
3 "	4°40' S. 111°15' E.	surf.	27°9	—				
3.40 "	4°46' S. 111°15' E.	"	—	33.62				
4 "	4°48' S. 111°15' E.	"	28°8	—				
4.40 "	4°53' S. 111°15' E.	"	29°—	32.35				
	60 M.	5	28°9	32.35				
		15	28°8	32.35				
		25	28°7	32.33				
		30	28°7	32.43				
		45	28°7	32.47				
		50	28°4	33.19				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
9 May								
6 p.m.	4°58'S. 111°15'E.	surf.	28°9	—				
6.15 "	5°0' S. 111°16'E.	"	—	32.79				
7 "	5°5' S. 111°16'E.	"	28°9	—				
7.22 "	5°8' S. 111°16'E.	"	28°8	32.65				
	55 M.	5	28°8	32.51				
		15	28°8	32.51				
		25	28°9	32.54				
		35	28°9	32.57				
		45	22°7	32.76				
8 "	5°9' S. 111°16'E.	surf.	28°9	—				
8.55 "	5°16'S. 111°16'E.	"	—	32.73				
9 "	5°16'S. 111°16'E.	"	28°4	—				
9.55 "	5°24'S. 111°16'E.	"	28°8	32.66				
	66 M.	5	28°9	32.66				
		15	29°—	32.68				
		25	28°9	32.55				
		35	28°9	32.41				
		45	28°9	32.55				
		55	28°6	32.94				
10 "	5°29'S. 111°16'E.	surf.	28°9	—				
11 "	id.	"	28°9	—				
11.20 "	5°32'S. 111°16'E.	"	29°—	32.38				
12 m.n.	5°37'S. 111°16'E.	"	28°9	—				
10 May								
0.25 a.m.	5°40'S. 111°17'E.	"	28°8	32.22				
	68 M.	5	28°8	32.22				
		15	28°9	32.29				
		25	28°9	32.36				
		35	28°9	32.60				
		45	28°7	32.89				
		55	28°4	33.25				
		65	28°4	33.31				
2 "	5°47'S. 111°17'E.	surf.	28°8	—				
2.12 "	5°48'S. 111°17'E.	"	—	32.23				
3 "	5°55'S. 111°17'E.	"	28°7	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 May.								
3.14 a.m.	5°56'S. 111°18'E. 53 M.	surf. 5 15 25 35 45	28°7 28°7 28°8 28°9 28°7 28°5	32.14 32.17 32.25 32.58 32.84 33.—				
4 "	5°57'S. 111°18'E.	surf.	28°7	—				
4.45 "	6°3' S. 111°18'E.	"	—	32.21				
5 "	6°5' S. 111°18'E.	"	28°5	—				
5.45 "	6°11'S. 111°18'E. 54 M.	" 5 15 25 35 45	28°6 28°6 28°6 28°7 28°7 28°6	32.16 32.16 32.23 32.60 32.94 33.07				
6 "	id.	surf.	28°6	—				
7 "	6°15'S. 111°23'E.	"	28°6	—				
7.5 "	6°15'S. 111°23'E.	"	—	32.55				
8 "	6°18'S. 111°32'E. 48 M.	" 5 15 25 35 45	28°8 28°8 28°8 28°6 28°3	32.50 32.30 32.35 32.41 32.85 33.29				
9 "	6°20'S. 111°36'E.	surf.	28°5	—				
9.20 "	6°21'S. 111°39'E.	"	—	32.64				
10 "	6°24'S. 111°43'E.	"	28°7	—				
10.15 "	6°24'S. 111°45'E. 46 M.	" 5 15 25 35	28°8 28°8 28°8 28°8 28°8	32.43 32.36 32.22 32.22 32.26				
11 "	6°26'S. 111°48'E.	surf.	28°8	—				
11.30 "	6°27'S. 111°51'E.	"	—	32.46				
12 noon	6°28'S. 111°54'E.	"	28°4	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	<i>t.</i>	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
11 May								
0.35 p.m.	6°30'S. 112°0' E.	surf.	28°9	32.20				
	46 M.	5	28°9	32.24				
		15	28°8	32.20				
		25	28°8	32.22				
		35	28°8	32.43				
1 "	6°30'S. 112°2' E.	surf.	28°8	—				
1.50 "	6°33'S. 112°7' E.	"	—	32.24				
2 "	6°33'S. 112°9' E.	"	28°9	—				
3 "	6°36'S. 112°15' E.	"	29°—	32.30				
	51 M.	5	28°9	32.21				
		15	28°8	32.13				
		25	28°8	32.33				
		35	28°7	32.66				
		45	28°7	32.74				
4 "	6°39'S. 112°17' E.	surf.	29°—	—				
4.20 "	6°41'S. 112°20' E.	"	—	32.80				
5 "	6°43'S. 112°25' E.	"	29°—	—				
5.22 "	6°44'S. 112°28' E.	"	29°1	32.31				
	44 M.	5	29°1	32.47				
		15	28°9	32.65				
		25	28°9	32.53				
		35	28°9	32.56				
12 May								
2.45 p.m.	6°45'S. 112°37' E.	surf.	29°9	32.51				
	48 M.	5	29°—	32.61				
		15	28°8	32.70				
		25	28°8	32.71				
		35	28°—	32.56				
		45	28°—	32.58				
3 "	id.	surf.	29°9	—				
4 "	6°37'S. 112°36' E.	"	29°5	—				
4.5 "	6°37'S. 112°36' E.	"	29°5	32.76				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
12 May								
5.5 p.m.	6°30'S. 112°36'E. 60 M.	surf. 5 15 25 35 45 55	28°8 28°8 28°8 28°7 28°7 28°7 28°—	32.57 32.57 32.51 32.47 32.40 32.45 33.30				
6 "	6°26'S. 112°36'E.	surf.	28°4	—				
6.33 "	6°22'S. 112°36'E.	"	—	32.65				
7 "	6°18'S. 112°36'E.	"	28°8	—				
7.33 "	6°14'S. 112°36'E. 64 M.	surf. 5 15 25 35 45 55	28°8 28°8 28°7 28°7 28°7 28°7 —	32.76 32.70 32.63 32.63 32.70 32.60 33.48				
8 "	id.	surf.	28°8	—				
9 "	6°6' S. 112°36'E.	"	28°7	32.28				
10 "	5°59'S. 112°36'E.	"	28°5	—				
13 May								
5.40 a.m.	5°57'S. 112°35'E. 71 M.	" 5 15 25 35 45 55 65	28°7 28°6 28°7 28°7 28°8 28°6 28°3 28°2	32.64 32.60 32.60 32.60 32.60 32.57 33.41 33.42				
6 "	5°54'S. 112°35'E.	surf.	28°6	—				
7 "	5°47'S. 112°31'E.	"	28°6	32.52				
8 "	5°40'S. 112°32'E.	"	28°6	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
13 May								
8.40 a.m.	5°36'S. 112°34'E.	surf.	28°6	32.63				
	73 M.	5	28°6	32.68				
		15	28°6	32.68				
		25	28°6	32.68				
		35	28°6	32.60				
		45	28°6	32.60				
		55	28°6	32.68				
		65	28°3	33.48				
10 "	5°30'S. 112°34'E.	surf.	28°4	—				
10.18 "	5°28'S. 112°34'E.	"	—	33.27				
11.20 "	5°19'S. 112°34'E.	"	28°6	32.70				
	71 M.	5	28°6	32.68				
		15	28°6	32.63				
		25	28°6	32.60				
		35	28°6	32.50				
		45	28°6	32.66				
		55	28°6	32.62				
		65	28°3	33.41				
0.50 p.m.	5°11'S. 112°34'E.	surf.	—	32.57				
1 "	5°9' S. 112°34'E.	"	28°7	—				
1.45 "	5°3' S. 112°34'E.	"	28°6	32.41				
	64 M.	5	28°6	32.55				
		15	28°6	32.55				
		25	28°6	32.92				
		35	28°6	32.82				
		45	28°6	32.82				
		55	28°5	33.41				
2 "	5°0' S. 112°34'E.	surf.	28°7	—				
3 "	4°55'S. 112°34'E.	"	28°8	—				
3.5 "	4°55'S. 112°34'E.	"	—	32.89				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
13 May 4 p.m.	4°48'S. 112°34'E. 60 M.	surf.	28°7	32.68				
		5	28°6	32.68				
		15	28°6	32.68				
		25	28°5	32.68				
		35	28°5	32.68				
		45	28°5	32.68				
		55	28°5	33.30				
5.27 "	4°40'S. 112°34'E.	surf.	—	32.93				
6 "	4°36'S. 112°34'E.	"	28°6	—				
6.27 "	4°32'S. 112°34'E. 48 M.	"	28°6	32.74				
		5	28°5	32.83				
		15	28°5	32.83				
		25	28°5	32.83				
		35	28°5	32.96				
7 "	4°32'S. 112°34'E. 37 M.	45	28°6	33.36				
		surf.	28°6	—				
		"	28°5	33.18				
		"	28°6	32.98				
		"	28°5	32.97				
7.55 "	4°24'S. 112°34'E.	"	28°5	33.18				
8.45 "	4°14'S. 112°34'E. 37 M.	"	28°6	32.98				
		5	28°5	32.97				
		15	28°5	32.96				
		25	28°5	32.96				
		35	28°6	32.96				
9 "	id.	surf.	28°6	—				
9.50 "	4°7' S. 112°34'E.	"	—	33.02				
10 "	4°6' S. 112°34'E.	surf.	28°7	—				
10.45 "	4°0' S. 112°34'E. 28 M.	"	28°6	32.60				
		5	28°6	32.60				
		15	28°6	32.63				
		25	28°5	32.63				
11 "	4°0' S. 112°34'E.	surf.	28°6	—				
11.55 "	4°2' S. 112°42'E.	"	—	32.74				
1 m.n.	4°2' S. 112°43'E.	"	28°5	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
14 May								
0.50 a.m.	4°4' S. 112°50'E.	surf.	28°6	32.81				
	31 M.	5	28°5	32.84				
		15	28°5	32.84				
		25	28°5	32.81				
2.15 "	4°6' S. 112°57'E.	surf.	—	32.73				
3.5 "	4°8' S. 113°6' E.	"	28°4	32.88				
	32 M.	5	28°4	32.94				
		15	28°4	32.94				
		25	28°4	32.97				
4 "	4°9' S. 113°9' E.	surf.	28°5	—				
4.20 "	4°9' S. 113°10'E.	"	—	33.31				
5 "	4°10'S. 113°13'E.	"	28°4	—				
5.15 "	4°11'S. 113°15'E.	"	28°4	32.97				
	29 M.	5	28°4	33.10				
		15	28°4	33.03				
		25	28°4	33.17				
6 "	4°11'S. 113°18'E.	surf.	28°4	—				
6.30 "	4°12'S. 113°23'E.	"	—	32.92				
7 "	4°13'S. 113°26'E.	"	28°4	—				
7.30 "	4°14'S. 113°30'E.	"	28°4	32.97				
	28 M.	5	28°4	32.93				
		15	28°4	33.19				
		25	28°4	33.27				
8 "	4°14'S. 113°32'E.	surf.	28°5	—				
8.40 "	4°16'S. 113°36'E.	"	—	32.94				
9 "	4°17'S. 113°38'E.	"	28°5	—				
9.40 a.m.	4°19'S. 113°43'E.	surf.	28°5	32.89				
	21 M.	5	28°5	32.96				
		10	28°5	32.96				
10.55 "	4°27'S. 113°43'E.	surf.	—	33.21				
11 "	4°27'S. 113°43'E.	"	28°8	—				
11.55 "	4°31'S. 113°43'E.	"	28°6	33.18				
	33 M.	5	28°6	33.29				
		15	28°5	33.27				
		25	28°5	33.21				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
14 May								
1 p.m.	4°38'S. 113°43'E.	surf.	28°8	—				
1.10 "	4°40'S. 113°43'E.	"	—	33.25				
2 "	4°47'S. 113°43'E.	"	28°8	—				
2.10 "	4°48'S. 113°43'E.	"	28°7	33.18				
	40 M.	5	28°7	33.21				
		15	28°5	33.23				
		25	28°4	33.23				
		35	28°4	33.39				
3 "	4°54'S. 113°43'E.	surf.	28°8	—				
3.20 "	4°56'S. 113°43'E.	"	—	33.36				
4 "	5°1' S. 113°43'E.	"	28°8	32.95				
4.20 "	5°4' S. 113°44'E.	"	28°7	.08				
	46 M.	5	28°6	33.04				
		15	28°4	33.00				
		25	28°4	33.30				
		35	28°4	33.31				
5.36 "	5°4' S. 113°46'E.	surf.	—	—				
6 "	5°6' S. 113°46'E.	"	28°7	33.10				
6.36 "	5°8' S. 113°46'E.	"	—	—				
7 "	5°10'S. 113°46'E.	"	28°8	32.91				
7.36 "	5°14'S. 113°45'E.	"	28°6	32.84				
	53 M.	5	28°6	32.91				
		15	28°6	32.79				
		25	28°5	32.83				
		35	28°4	—				
		45	28°3	32.89				
9 "	5°21'S. 113°45'E.	surf.	28°5	32.63				
10 "	5°29'S. 113°45'E.	"	28°5	32.60				
	64 M.	5	28°5	33.65				
		15	28°5	32.57				
		25	28°5	32.65				
		30	28°4	33.31				
		45	28°4	33.44				
		55	28°2	33.44				
11 "	5°30'S. 113°45'E.	surf.	28°4	—				
11.25 "	5°38'S. 113°45'E.	"	—	32.43				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
14 May 12 m.n.	5°42'S. 113°45'E.	surf.	28°4	—				
15 May 0.25 a.m.	5°45'S. 113°45'E.	surf.	28°4	32.47				
	68 M.	5	28°4	32.57				
		15	28°5	32.57				
		25	28°5	32.57				
		35	28°5	32.57				
		45	28°7	32.77				
		55	28°3	33.37				
		65	28°2	33.40				
2.5 "	5°52'S. 113°45'E.	surf.	28°6	32.56				
3.5 "	5°59'S. 113°45'E.	surf.	28°5	32.42				
	73 M.	5	28°5	32.42				
		15	28°5	32.51				
		25	29°5	32.51				
		35	28°5	32.51				
		45	28°8	32.65				
		55	28°2	33.40				
		65	28°2	33.41				
4 "	6°1' S. 113°45'E.	surf.	28°7	—				
4.45 "	6°7' S. 113°45'E.	surf.	—	32.52				
5 "	6°9' S. 113°45'E.	surf.	28°6	—				
5.55 "	6°16'S. 113°45'E.	surf.	28°6	32.52				
	77 M.	5	28°5	32.50				
		15	28°5	32.50				
		25	28°5	32.50				
		35	28°5	32.50				
		45	28°6	32.50				
		55	28°8	32.60				
		65	26°3	33.79				
7.40 "	6°24'S. 113°46'E.	surf.	—	32.43				
8 "	6°27'S. 113°46'E.	surf.	28°3	—				

TEMPERATURES, SALINITIES AND
CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
15 May.								
5.25 p.m.	6°27'S. 114°22'E.	surf.	28°6	32.47				
	80 M.	5	28°6	32.43				
		15	28°5	32.43				
		25	28°5	32.43				
		35	28°5	32.43				
		45	28°5	32.43				
		55	28°1	33.14				
		65	27°3	33.65				
6.52 "	6°19'S. 114°22'E.	surf.	—	32.70				
7.52 "	6°13'S. 114°24'E.	"	28°5	32.52				
	75 M.	5	28°5	32.47				
		15	28°4	32.52				
		25	28°5	32.56				
		35	28°4	32.56				
		45	28°4	32.56				
		55	28°—	33.42				
		65	27°7	33.65				
9 "	6°6' S. 114°23'E.	surf.	28°7	—				
9.20 "	6°3' S. 114°24'E.	"	—	32.70				
10 "	5°59'S. 114°25'E.	"	28°6	—				
10.20 "	5°56'S. 114°27'E.	"	28°6.	—				
	71 M.	5	28°5	32.35				
		15	28°5	32.47				
		25	28°5	32.47				
		35	28°5	32.47				
		45	28°5	32.55				
		55	28°—	33.41				
		65	28°—	33.48				
11 "	5°54'S. 114°27'E.	surf.	28°3	—				
11.50 "	5°46'S. 114°27'E.	"	—	32.70				
12 m.n.	5°45'S. 114°28'E.	"	28°5	—				

TEMPERATURES, SALINITIES AND
 CURRENT MEASUREMENTS IN THE JAVA-SEA.

Date and hour	Reckoning and depth	Depth of Observation	t.	S.	Current Observations		Wind	REMARKS
					Direction	Velocity in cm. p. sec.		
16 May								
0.50 a.m.	5°40'S. 114°29'E. 58 M.	surf. 5 15 25 35 45 55	28°5 28°5 28°5 28°5 28°3 28°1 28°1	32.90 32.76 32.73 32.76 32.88 33.27 33.41				
3.15 "	5°32'S. 114°32'E.	surf.	28°5	32.56				
4.15 "	5°26'S. 114°34'E. 33 M.	" 5 15 25	28°5 28°5 28°5 28°5	32.39 32.47 32.47 32.60				
5 "	5°20'S. 114°36'E.	surf.	28°6	—				
5.25 "	5°17'S. 114°37'E.	"	—	32.85				
6 "	5°13'S. 114°39'E.	"	28°6	—				
6.25 "	5°10'S. 114°40'E. 29 M.	" 5 15 25	28°7 28°6 28°5 28°5	32.64 32.73 32.56 32.56				
7 "	5°7' S. 114°40'E.	surf.	28°7	—				
7.25 "	5°3' S. 114°42'E.	"	—	32.90				
8 "	4°59'S. 114°41'E.	"	28°6	—				
8.25 "	4°53'S. 114°40'E. 33 M.	" 5 15 25	28°6 28°5 28°5 28°5	32.83 32.74 32.83 32.70				
9.52 "	4°45'S. 114°39'E.	surf.	28°7	32.90				
10.52 "	4°37'S. 114°39'E. 27 M.	" 5 15 25	28°8 28°8 28°7 28°7	32.65 32.65 32.68 32.74				
12 noon	4°29'S. 114°39'E.	surf.	29°—	32.94				
1.15 p.m.	4°36'S. 114°39'E. 24 M.	" 5 15	29°— 29°— 29°—	32.47 32.49 32.41				