

SALINITIES, TEMPERATURES AND DENSITIES OF THE
SOUTHERN CHINA SEA AND MALACCA STRAIT.

NOVEMBER 1919.

Date and hour	Station	Depth	S	<i>t</i>	σ_t	REMARKS.
31 Oct. 0.30 a.m.	10 0°38'S. 109°0'E.	0	30.43	28.80	18.73	
		10	32.57	87	20.31	
		20	61	85	34	
31 Oct. 3.30 a.m.	11 0°41'S. 108°39'E.	0	30.81	28.51	19.10	
		10	32.79	92	20.46	
		20	33.31?	94	84?	
31 Oct. 6.45 a.m.	12 0°42'S. 108°18'E.	0	30.75	28.21	18.16	
		10	32.77	29.05	20.40	
		20	95	28.96	57	
31 Oct. 9.30 a.m.	13 0°43'S. 107°57'E.	0	32.32	28.79	20.14	
		10	70	92	38	
		20	33.19	29.05	71	
		30	31	28.38	21.02	
		40	—	36	—	
31 Oct. 0.45 p.m.	14 0°44'S. 107°36'E.	0	32.57	29.30	20.16	
		10	33.10	28.95	67	
		20	10	86	70	
		30	—	48	—	
		40	33.26	02	21.10	
		50	31	27.70	24	
31 Oct. 3.45 p.m.	15 0°47'S. 107°15'E.	0	32.47	29.76	19.93	
		10	33.01	56	20.40	
		20	10	28.97	67	
		30	13	86	73	
		40	33	12	21.12	
31 Oct. 6.50 p.m.	16 0°48'S. 106°55'E.	0	32.86	29.72	20.23	
		10	99	15	53	
		20	33.04	02	61	
		30	03	28.98	62	
		40	04	97	64	
31 Oct. 9.45 p.m.	17 0°48'S. 106°35'E.	0	32.95	29.72	20.31	
		10	95	02	53	
		20	33.01	28.97	60	
		30	01	97	60	

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Date and hour	Station	Depth	S	<i>t</i>	σ_t	REMARKS.
6 Nov. 10.15 a.m.	26 0°14'N. 106°57'E.	0	32.54	28.76	20.32	
		10	68	89	39	
		20	79	95	45	
		30	33.08	68	75	
		40	12	58	82	
		50	33	27.83	21.21	
6 Nov. 1.— p.m.	27 0°19'N. 107°17'E.	0	32.84	28.91	20.50	
		10	84	95	49	
		20	86	93	50	
		30	97	98	57	
		40	33.13	56	83	
		50	13	27.79	21.08	
6 Nov. 3.45 p.m.	28 0°25'N. 107°38'E.	0	33.04	28.98	20.62	
		10	03	98	61	
		20	08	98	64	
		30	10	29.02	64	
6 Nov. 6.45 p.m.	29 0°27'N. 107°57'E.	0	32.86	28.85	20.52	
		10	86	87	52	
		20	94	90	57	
		30	95	29.02	55	
6 Nov. 10.25 p.m.	30 0°32'N. 108°19'E.	0	32.47	28.79	20.26	
		10	48	86	25	
		20	33.10	93	68	
		30	04	83	68	
7 Nov. 1.30 a.m.	31 0°35'N. 108°42'E.	0	31.62	29.02	19.54	
		10	60	28.98	54	
7 Nov. 7.— a.m.	32 1°11'N. 108°48'E.	20	32.50	29.21	20.14	
		0	32.03	28.97	19.88	
		10	07	96	91	
		20	48	29.08	20.17	
7 Nov. 9.45 a.m.	33 1°14'N. 108°30'E.	30	75	15	36	
		0	32.52	28.87	20.27	
		10	59	87	33	
		20	33.12	29.—	67	
		30	12	28.99	68	

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7 Nov.	34	0	33.01	29.26	20.50	
1.— p.m.	1°15'N. 108°8'E.	10	03	28.85	66	
		20	03	85	66	
		30	10	85	71	
		40	37	85	91	
7 Nov.	35	0	32.97	29.17	20.50	
3.45 p.m.	1°16'N. 107°49'E.	10	97	28.89	60	
		20	99	94	60	
		30	33.10	87	69	
		40	15	80	77	
7 Nov.	36	0	32.81	28.96	20.46	
7.— p.m.	1°16'N. 107°30'E.	10	79	91	46	
		20	92	88	56	
		30	92	84	58	
		40	33.10	81	72	
7 Nov.	37	0	32.77	28.84	20.46	
10.30 p.m.	1°15'N. 107°10'E.	10	90	86	55	
		20	—	87	—	
		30	—	87	—	
		40	97	80	63	
		50	33.48	27.70	21.36	
8 Nov.	38	0	32.92	28.86	20.57	
2.10 a.m.	1°15'N. 106°51'E.	10	92	81	59	
		20	92	81	59	
		30	94	83	59	
		40	33.42	35	21.12	
		50	46	27.94	27	
		60	78	26.45	22.—	
8 Nov.	39	0	32.94	28.82	20.59	
5.30 a.m.	1°10'N. 106°33'E.	10	94	85	59	
		20	94	85	59	
		30	33.28	91	83	
		40	49	67	21.06	
		50	—	01	—	

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Date and hour	Station	Depth	S	<i>t</i> .	σ_t	REMARKS.
8 Nov.	40	0	32.61	28.86	20.34	
8.20 a.m.	1°6'N. 106°16'E.	10	61	86	34	
		20	92	86	57	
		30	97	88	60	
		40	33.28	64	91	
		50	46	24	21.17	
8 Nov.	41	0	32.83	28.95	20.48	
11.30 a.m.	1°3'N. 106°0'E.	10	83	96	48	
		20	86	96	49	
		30	33.06	94	64	
		40	10	84	71	
		50	28	67	90	
8 Nov.	42	0	32.81	28.97	20.45	
3.15 p.m.	1°1'N. 105°40'E.	10	81	97	45	
		20	92	98	54	
		30	95	29.—	55	
		40	33.10	28.97	66	
		50	24	85	82	
8 Nov.	43	0	32.72	28.88	20.42	
7.15 p.m.	0°57'N. 105°24'E.	10	75	91	44	
		20	83	99	47	
		30	94	99	54	
		40	95	29.02	55	
10 Nov.	44	0	28.35	28.95	17.13	
2.— p.m.	1°12'N. 103°53'E.	10	31.89	95	19.77	
		20	89	95	77	
		30	89	95	77	
		40	96	95	83	
		50	96	95	83	
10 Nov.	45	0	29.96	29.10	18.27	
8.30 p.m.	1°14'N. 103°24'E.	10	96	14	26	
		20	96	14	27	
		30	96	15	26	

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Date and hour	Station	Depth	S	<i>t</i>	σ_t	REMARKS.
11 Nov.	46	0	29.33	29.03	17.82	
0.30 a.m.	1°26'N. 103°7'E.	10	54	16	95	
		20	72	20	18.07	
11 Nov.	47	0	29.34	29.22	17.77	
4.— a.m.	1°39'N. 102°48'E.	10	34	22	77	
		20	70	29	18.02	
		30	78	32	07	
		40	79	37	07	
11 Nov.	48	0	29.25	29.27	17.70	
6.20 a.m.	1°49'N. 102°30'E.	10	25	27	70	
		20	25	27	70	
		30	25	27	70	
		40	25	27	70	
11 Nov.	49	0	28.39	29.28	17.04	
10.— a.m.	2°0'N. 102°14'E.	10	62	33	20	
		20	—	37	—	
		30	68	36	24	
		40	68	37	24	
11 Nov.	50	0	28.93	29.48	17.38	
1.20 p.m.	2°13'N. 101°57'E.	10	91	39	39	
		20	91	39	39	
		30	93	39	41	
11 Nov.	51	0	29.04	29.38	17.50	
3.35 p.m.	2°26'N. 101°41'E.	10	07	42	52	
		20	07	38	53	
		30	—	—	—	
11 Nov.	52	0	29.13	29.42	17.55?	
6.— p.m.	2°38'N. 101°24'E.	10	13	38	56?	
		20	13	46	53	
		30	13	44	54	
		40	14	45	55	
		50	16	44	57	

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NOVEMBER 1919.

Date and hour	Station	Depth	S	<i>t</i>	σ_t	REMARKS.
11 Nov.	53	0	29.67	29.28	17.99	
9.15 p.m.	2°46'N. 101°6'E.	10	74	35	18.03	
		20	78	33	06	
		30	83	32	12	
12 Nov.	54	0	31.—	29.04	19.08	
midnight	2°58'N. 100°50'E.	10	22	17	19	
		20	49	15	40	
		30	49	16	40	
12 Nov.	55	0	30.88	28.82	19.06	
3.— a.m.	3°18'N. 100°44'E.	10	88	87	04	
		20	31.46	29.18	37	
		30	76	23	58	
		40	87	28	65	
		50	87	28	65	
12 Nov.	56	0	30.52	28.82	18.79	
6.15 a.m.	3°37'N. 100°38'E.	10	64	29.02	82	
		20	31.44	25	19.33	
		30	85	27	63	
		40	89	25	67	
		50	94	25	70	
12 Nov.	57	0	30.73	29.02	18.88	
8.30 a.m.	3°57'N. 100°31'E.	10	73	28.97	90	
		20	73	99	90	
		30	31.80	29.15	19.64	
		40	94	16	74	
12 Nov.	58	0	30.66	29.12	18.79	
11.30 a.m.	3°57'N. 100°11'E.	10	75	28.99	91	
		20	32.03	99	19.88	
		30	27	99	20.05	
		40	30	98	07	
		50	34	96	10	
		60	—	95	—	

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12 Nov.	59	0	31.46	29.26	19.34	
2.40 p.m.	3°55'N. 99°51'E.	10	—	28.87	—	
		20	32.31	87	20.03	
		30	35	85	08	
		40	38	86	16	
		50	38	85	16	
		60	38	85	16	
		70	38	85	16	
12 Nov.	60	0	31.91	29.05	19.76	
6.— p.m.	3°54'N. 99°32'E.	10	32.05	28.75	96	
		20	09	75	20.—	
		30	16	75	06	
		40	16	75	06	
		50	16	75	06	
12 Nov.	61	0	31.65	28.70	19.68	
9.30 p.m.	3°53'N. 99°11'E.	10	—	72	—	
		20	89	72	85	
		30	32.14	64	20.06	
13 Nov.	62	0	29.99	28.70	18.44	
midnight	3°54'N. 98°52'E.	10	31.42	70	19.50	
13 Nov.	63	0	31.64	28.81	19.63	
4.15 a.m.	3°40'N. 99°25'E.	10	65	85	62	
		20	94	83	84	
13 Nov.	64	0	31.20	28.87	19.28	
7.— a.m.	3°32'N. 99°43'E.	10	64	87	61	
		20	78	88	69	
		30	78	86	72	
		40	83	86	76	
13 Nov.	65	0	30.84	28.73	19.06	
9.15 a.m.	3°23'N. 100°0'E.	10	31.24	88	31	
		20	64	94	59	
		30	65	97	59	
		40	69	97	62	
		50	73	98	64	

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Date and hour	Station	Depth	S	t	σ_t	REMARKS.
13 Nov.	66	0	30.50	29.03	18.70	
0.5 p.m.	3°14'N. 100°19'E.	10	95	28.94	19.07	
		20	31.73	29.10	60	
		30	89	20	69	
		40	92	21	71	
		50	94	21	72	
16 Nov.	67	0	28.91	28.98	17.53	
7.30 p.m.	0°52'N. 103°35'E.	10	29.58	90	18.06	
		20	30.32	87	62	
		30	—	85	—	
15 Nov.	68	0	28.60	28.81	17.36	
0.30 a.m.	0°32'N. 103°45'E.	10	82	91	49	
15 Nov.	69	0	—	29.12	—	
3.15 a.m.	0°15'N. 103°54'E.	10	29.45	12	17.89	
		20	47	12	90	
15 Nov.	70	0	28.51	29.10	17.20	
6.5 a.m.	0°5'S. 103°59'E.	10	82	07	43	
15 Nov.	71	0	27.48	29.32	16.36	
8.10 a.m.	0°27'S. 103°58'E.	10	28.21	23	93	
		20	84	—	—	
15 Nov.	72	0	28.12	29.05	16.92	
10.30 a.m.	0°43'S. 104°6'E.	10	21	06	98	
15 Nov.	73	0	28.26	29.64	16.83	
1.— p.m.	0°56'S. 104°24'E.	10	37	02	17.11	
15 Nov.	74	0	30.68	29.35	18.73	
5.— p.m.	0°57'S. 104°53'E.	10	70	—	—	
15 Nov.	75	0	32.05	29.32	19.77	
8.— p.m.	0°59'S. 105°10'E.	10	12	08	91	
		20	10	00	91	
15 Nov.	76	0	32.50	29.03	20.21	
10.15 p.m.	1°7'Z. 105°30'E.	10	54	28.93	26	
		20	57	96	28	
16 Nov.	77	0	32.30	29.13	20.01	
2.15 a.m.	1°25'S. 105°20'E.	10	27	13	00	
		20	43	13	12	

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16 Nov.	78	0	31.78	29.09	19.63	
5.15 a.m.	1°43'S. 105°11'E.	10	74	04	63	
		20	74	00	64	
		30	32.18	00	96	
16 Nov.	79	0	25.62	28.75	15.15	
8.20 a.m.	2°2'S. 105°2'E.	10	30.70	78	18.94	
		20	31.64	—	—	
		30	74	68	19.75	
16 Nov.	80	0	28.82	28.94	17.48	
10.— a.m.	2°15'S. 105°16'E.	10	30.32	29.01	18.58	
		20	—	28.94	—	
16 Nov.	81	0	30.70	29.43	18.72	
1.35 p.m.	2°23'S. 105°43'E.	10	75	60	71	
		20	—	—	—	
16 Nov.	82	0	—	29.20	—	
4.30 p.m.	2°42'S. 105°50'E.	10	31.06	05	19.11	
		20	09	28.98	16	
		30	11	98	18	
16 Nov.	83	0	31.36	29.24	19.28	
6.30 p.m.	2°56'S. 106°6'E.	10	—	—	—	
		20	33	05	32	
16 Nov.	84	0	—	28.94	—	
9.10 p.m.	3°10'S. 106°4'E.	10	31.29	95	19.33	