

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

FEBRUARY 1920.

Date and hour	Station	Depth	S	<i>t</i>	$\sigma_t$	REMARKS.
5 Febr.	1	0	32.34	27.83	20.47	
2.50 p.m.	2°32'S. 106°58'E.	10	56	44	76	
		20	73	28	93	
		30	74	20	97	
5 Febr.	2	0	32.79	27.57	20.90	
5.15 p.m.	2°24'S. 107°19'E.	10	88	33	21.04	
		20	33.01	06	22	
		30	04	—	—	
5 Febr.	3	0	32.86	27.59	20.94	
7.40 p.m.	2°10'S. 107°33'E.	10	33.03	41	21.13	
		20	22	10	37	
		30	24	—	—	
5 Febr.	4	0	33.30	27.12	21.42	
10.30 p.m.	2°0'S. 107°45'E.	10	30	04	44	
		20	35	26.94	53	
		30	36	89	55	
6 Febr.	5	0	33.24	27.07	21.39	
1.15 a.m.	1°40'S. 107°56'E.	10	24	06	39	
		20	24	26.92	44	
		30	28	78	52	
		40	28	78	52	
6 Febr.	6	0	33.17	27.75	21.18	
3.45 a.m.	1°34'S. 108°19'E.	10	24	59	23	
		20	24	21	35	
		30	19	26.98	39	
6 Febr.	7	0	32.92	27.76	20.93	
6.30 a.m.	1°20'S. 108°35'E.	10	92	74	94	
		20	33.04	69	21.05	
6 Febr.	8	0	32.79	27.98	20.77	
8.35 a.m.	1°9'S. 108°49'E.	10	79	98	77	
		20	88	98	84	
6 Febr.	9	0	—	28.85	—	
11.20 a.m.	0°51'S. 108°59'E.	10	32.72	67	20.49	
		20	72	63	49	

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6 Febr.	10	0	26.73	29.07	16.87	
1.45 p.m.	0°37'S. 109°2'E.	10	32.47	27.66	20.63	
6 Febr.	11	0	32.23	28.34	19.23	
4.15 p.m.	0°33'S. 108°43'E.	10	21	21	20.25	
		20	63	27.56	78	
6 Febr.	12	0	32.63	27.96	20.65	
6.55 p.m.	0°27'S. 108°27'E.	10	75	68	84	
		20	92	33	21.07	
		30	97	33	11	
6 Febr.	13	0	33.04	27.62	21.07	
9.40 p.m.	0°22'S. 108°9E.	10	06	57	09	
		20	22	22	33	
		30	24	17	36	
7 Febr.	14	0	33.26	27.36	21.31	
0.10 a.m.	0°17'S. 107°50'E.	10	24	31	31	
		20	40?	26.78	61?	
		30	37	80	58	
7 Febr.	15	0	33.37	27.23	21.43	
2.50 a.m.	0°12'S. 107°32'E.	10	37	26.98	52	
		20	44	49	72	
		30	44	43	75	
		40	44	44	75	
7 Febr.	16	0	33.62	27.15	21.66	
5.45 a.m.	0°13'S. 107°12'E.	10	62	10	67	
		20	58	26.91	71	
		30	58	76	75	
		40	58	69	78	
		50	58	67	79	
7 Febr.	17	0	33.26	26.78	21.50	
9.30 a.m.	0°14'S. 106°52'E.	10	28	62	57	
		20	37	61	64	
		30	40	61	67	
		40	46	61	70	

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7 Febr.	18	0	33.01	26.87	21.28	
0.15 p.m.	0°14'S. 106°33'E.	10	10	74	39	
		20	19	67	48	
		30	26	58	57	
		40	26	58	57	
		50	28	24	68	
7 Febr.	19	0	33.04	26.70	21.37	
3.10 p.m.	0°16'S. 106°14'E.	10	06	65	39	
		20	12	66	43	
		30	17	56	50	
		40	24	56	56	
7 Febr.	20	0	33.19	26.88	21.42	
6.5 p.m.	0°17'S. 105°54'E.	10	19	87	42	
		20	19	82	44	
		30	19	78	45	
7 Febr.	21	0	33.17	27.05	21.34	
8.45 p.m.	0°18'S. 105°35'E.	10	19	05	36	
		20	19	05	36	
		30	21	05	37	
7 Febr.	22	0	33.12	27.14	21.28	
10.10 p.m.	0°18'S. 105.14'E	10	12	15	28	
		20	12	15	28	
		30	13	15	29	
8 Febr.	23	0	32.92	26.99	21.18	
0.30 a.m.	0°0'S. 105°10'E.	10	92	99	18	
		20	99	99	24	
		30	33.03	99	27	
8 Febr.	24	0	32.92	26.81	21.24	
3 — a.m.	0°10'N. 105°26'E.	10	95	83	25	
		20	95	88	25	
		30	99	89	27	

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8 Febr.	25	0	—	26.50	—	
6 — a.m.	0°20'N. 105°43'E.	10	32.84	60	21.24	
		20	94	60	31	
		30	33.10	45	48	
		40	12	47	49	
8 Febr.	26	0	32.79	26.74	21.17	
8 45 a.m.	0°30'N. 106°3'E.	10	83	73	19	
		20	33.30	43	64	
		30	44	26	80	
		40	44	24	80	
8 Febr.	27	0	33.62	27.11	21.69	
11.45 a.m.	0°40'N. 106°20'E.	10	62	26.89	75	
		20	64	82	78	
		30	64	67	83	
		40	62	45	95	
		50	62	—	—	
8 Febr.	28	0	33.37	26.98	21.62	
2 — p.m.	0°49'N. 106°38'E.	10	—	76	—	
		20	62	70	81	
		30	66	24	97	
		40	66	24	97	
		50	66	24	97	
8 Febr.	29	0	33.10	27.53	21.13	
4.35 p.m.	0°50'N. 107°0'E.	10	15	35	24	
		20	49	26.79	67	
		30	62	26	94	
		40	62	25.95	97	
		50	62	95	97	
		60	62	95	97	
8 Febr.	30	0	33.44	27.12	21.52	
7.10 p.m.	0°50'N. 107°21'E.	10	48	11	55	
		20	53	26.41	82	
		30	55	25	89	
		40	55	22	89	

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Date and hour	Station	Depth	S	<i>t</i>	$\sigma_t$	REMARKS
8 Febr. 10.20 p.m.	31 0°49'N. 107°42'E.	0	32.88	27.64	20.94	
		10	99	60	21.04	
		20	99	48	07	
		30	33.28	26.92	47	
9 Febr. 0.50 a.m.	32 0°52'N. 108°2'E.	0	32.77	27.61	20.87	
		10	77	61	87	
		20	33.17	26.76	21.44	
9 Febr. 3.10 a.m.	33 0°53'N. 108°23'E.	0	32.81	27.30	20.99	
		10	84	30	21.02	
		20	33.04	26.88	31	
9 Febr. 6.10 a.m.	34 0°57'N. 108°42'E.	0	32.70	27.24	20.93	
		10	70	28	91	
		20	99	26.89	21.26	
9 Febr. 10.— a.m.	35 1°23'N. 108°54'E.	0	32.29	27.58	20.51	
		10	54	16	84	
		20	97	26.67	21.32	
9 Febr. 0.5 p.m.	36 1°36'N. 108°45'E.	0	32.52	27.73	20.65	
		10	59	44	79	
		20	33.13	26.50	21.49	
		30	35	66?	61?	
9 Febr. 2.20 p.m.	37 1°48'N. 108°36'E.	0	31.98	26.88	20.44	
		10	33.03	68	21.36	
		20	42	19	81	
		30	46	15	85	
9 Febr. 5.— p.m.	38 1°54'N. 108°15'E.	0	32.50	27.59	20.67	
		10	97	29	99	
		20	33.55	25.97	21.98	
		30	57	—	—	
		40	57	78	22.05	
		50	57	77	05	

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Date and hour	Station	Depth	S	<i>t</i>	$\sigma_t$	REMARKS.
9 Febr.	39	0	32.99	27.41	21.10	
8.— p.m.	1°51'N. 107°49'E.	10	33.53	16	57	
		20	—	26.18	—	
		30	53	25.75	22.02	
		40	53	65	05	
		50	55	61	08	
9 Febr.	40	0	33.31	27.21	21.40	
10.50 p.m.	1°48'N. 107°24'E.	10	—	26.65	—	
		20	57	06	96	
		30	58	25.74	22.07	
		40	60	55	14	
		50	60	51	15	
10 Febr.	41	0	33.01	27.09	21.21	
1.55 a.m.	1°45'N. 106°58'E.	10	08	01	28	
		20	58	25.57	22.13	
		30	60	48	16	
		40	62	46	19	
		50	62	44	20	
		60	64	44	21	
10 Febr.	42	0	32.97	27.18	21.15	
5.— a.m.	1°43'N. 106°39'E.	10	—	26.73	—	
		20	33.64	25.73	22.12	
		30	—	70	—	
		40	68	69	14	
		50	64	68	14	
10 Febr.	43	0	33.15	27.03	21.35	
7.15 a.m.	1°44'N. 106°8'E.	10	19	26.96	39	
		20	66	25.78	22.11	
		30	69	73	15	
		40	69	71	15	
		50	—	62	—	

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10 Febr.	44	0	33.40	26.98	21.55	
9.30 a.m.	1°40'N. 105°48'E.	10	40	90	57	
		20	53	49	79	
		30	68	25.92	22.08	
		40	68	90	09	
		50	71	87	13	
10 Febr.	45	0	33.68	26.76	21.82	
0.10 p.m.	1°35'N. 105°27'E.	10	64	57	86	
		20	64	52	87	
		30	64	50	87	
		40	64	50	87	
10 Febr.	46	0	33.53	26.74	21.71	
2.35 p.m.	1°33'N. 105°10'E.	10	53	71	72	
		20	53	56	77	
		30	53	53	79	
		40	53	48	80	
		50	53	40	82	
10 Febr.	47	0	32.61	27.01	20.93	
4.55 p.m.	1°30'N. 104°54'E.	10	65	26.98	98	
		20	70	81	21.07	
		30	86	64	24	
10 Febr.	48	0	32.14	27.83	32	
6.35 p.m.	1°24'N. 104°40'E.	10	18	41	48	
		20	18	38	49	