

Fog.—Fog was observed on 2 days off the coast of Lower California; on 10 days off California; and on 3 days off the Oregon and Washington coasts. Scattered fog occurred on a few days elsewhere along the northern and middle steamship routes, with the area of greatest frequency, where it was encountered on the 7th to 11th, about midway between the western Aleutians and Japan.

TABLE 1.—*Monthly and annual mean sea-surface temperatures in the Yucatan Channel, 1912 to 1933 inclusive*

SEA-SURFACE TEMPERATURE SUMMARY FOR THE YUCATAN CHANNEL, 1912-33

By GILES SLOCUM

The monthly mean sea-surface temperatures in the Yucatan Channel for the period, January 1912, to December 1933, inclusive, are given in the accompanying table. There are 6 months, as noted in the table, for which no observational data are available. The observations of sea-surface temperature for the years, 1913 to 1919, inclusive, were few in number, and the average temperatures for this period are therefore given to whole degrees. The mean temperatures for the balance of the 22-year period are given to tenths of a degree.

The area from which these temperature observations were taken embraces five 1° squares, namely: Between 21° N. and 22° N., the two 1° squares between 85° W. and 87° W.; between 22° N. and 23° N., the three 1° squares between 84° W. and 87° W.

Year ¹	Total number of observations for the year	January	February	March	April	May	June	July	August	September	October	November	December	Annual ²
1912	137	78.9	75.9	77.9	79.8	81.2	83.3	83.2	83.0	81.6	77.2	79.3	80.4	
1913	77	78.9	(³)	78	78.8	77	81.2	83.3	83.2	83.0	81.6	77.2	79.3	80.4
1914	51	78	78	77	78	81	82	83	83	82	81	79	78	80.4
1915	52	78	78	78	77	80	82	83	83	82	81	79	78	80.4
1916	43	77	77	77	78	80	82	83	83	82	81	79	78	80.4
1917	47	77	76	78	78	80	82	83	83	82	81	79	78	80.4
1918	25	76	78	78	(³)	80	82	83	83	82	81	79	78	80.4
1919	48	77	77	78	78	80	82	83	83	82	81	79	78	80.4
1920	136	77.3	76.8	77.5	78.9	80.7	81.4	82.9	83.4	82.2	81.5	79.6	79.7	80.0
1921	342	75.8	75.8	77.6	78.9	80.8	81.4	82.9	83.4	82.1	80.9	80.1	78.5	79.3
1922	319	77.5	76.9	78.1	79.2	80.9	81.9	83.1	83.9	82.1	82.3	80.4	79.1	79.9
1923	340	77.5	77.8	78.3	79.1	80.1	80.8	82.4	83.5	82.7	81.7	79.1	77.8	80.1
1924	343	77.3	75.2	76.5	78.4	80.7	83.3	83.3	83.9	83.9	81.7	79.7	78.3	80.2
1925	360	78.6	77.2	78.4	79.0	80.2	81.7	82.4	83.2	83.1	82.5	80.6	79.1	80.4
1926	415	77.7	78.0	78.6	79.4	80.7	81.5	83.0	83.5	83.2	83.1	80.5	79.5	80.5
1927	535	77.7	77.3	78.1	79.4	80.7	82.0	82.9	83.6	83.8	82.6	81.0	78.4	80.7
1928	607	76.8	77.8	77.5	78.3	79.5	82.1	82.8	83.7	83.0	83.0	80.9	78.9	80.4
1929	599	77.4	78.7	78.7	79.7	80.0	81.3	82.3	83.0	82.7	81.7	80.3	78.8	80.4
1930	640	78.3	77.5	77.4	78.3	80.7	81.7	82.9	84.3	84.1	82.5	80.6	78.7	80.6
1931	598	78.7	77.3	77.5	77.6	81.0	82.8	83.4	84.1	84.1	82.5	80.5	80.0	80.8
1932	516	79.2	79.3	78.5	78.5	80.4	82.3	83.5	84.4	84.5	83.5	80.8	78.6	81.1
1933	409	78.2	78.7	78.2	80.1	80.5	81.7	83.1	83.5	83.3	82.3	80.6	78.5	80.7
Number of years' record	22	21	22	21	22	22	22	22	21	21	21	21	21	22
Mean (1912-33) ²	77.6	77.3	77.8	78.6	80.1	82.0	82.7	83.3	83.4	82.3	80.0	78.7	80.3	

¹ Values for 1913 to 1919 inclusive are given to whole degrees, instead of to tenths because of paucity of data.
² Computed with monthly values figured to 1 decimal place, and, therefore, not exact means of the figures given here.
³ No data.
⁴ Interpolated values are used for missing months.