

TABLE D.  
SUMMARY of Tidal Record obtained at Principal Stations; showing also how far it is worked up.

| Principal Tidal Stations.       | Period.              | TIDAL RECORD OBTAINED.<br>Date.                                                                                                  | FOR TIDAL DIFFERENCES.        |                              | FOR HARMONIC ANALYSIS.         |                | Remarks.                                                                                       |
|---------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------|--------------------------------|----------------|------------------------------------------------------------------------------------------------|
|                                 |                      |                                                                                                                                  | Time of High Water Tabulated. | Time of Low Water Tabulated. | Tabulated in Hourly Ordinates. | Analysis made. |                                                                                                |
| Quebec.                         | Year 1894.           | 1893, Nov. 7; to 1895, Jan. 15.                                                                                                  | Done.                         | Done.                        | Done.                          | Done.          | Tide Tables for Quebec, up to 1900, are based upon these two years of analysis.                |
|                                 | " 1895.              | 1895, Jan. 15; to 1896, Jan. 31.                                                                                                 | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
|                                 | " 1896.              | 1896, Feb. 1; to 1897, Jan. 31.                                                                                                  | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
|                                 | " 1897.              | 1897, Feb. 1; to 1898, Jan. 31.                                                                                                  | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
|                                 | " 1898.              | 1898, Feb. 1; to 1899, Jan. 31.                                                                                                  | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
| Halifax.                        | Year 1896.           | 1895, Oct. 15; to 1896, Nov. 30.                                                                                                 | Done.                         | Done.                        | Done.                          | Done.          | Tide Tables for Halifax are based upon this one year; and upon other record.                   |
|                                 | " 1897.              | 1896, Dec. 1; to 1897, Nov. 30.                                                                                                  | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
| St. John, N. B.                 | Year 1893 (to 1894). | 1892, Dec. 5; to 1894, Mar. 12.                                                                                                  | Done.                         | Done.                        | Done.                          | Done.          | (Unreliable. Gauge not working satisfactorily.)                                                |
|                                 | " 1894.              | Gauge column renewed; March, 1894.                                                                                               | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
|                                 | " 1894.              | 1894, April 30; to 1895, May 15.                                                                                                 | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
|                                 | " 1895.              | 1895, May 15; to 1896, May 15.                                                                                                   | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
|                                 | " 1896.              | 1896, May 15; to 1897, May 15.                                                                                                   | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
|                                 | " 1897.              | 1897, May 15; to 1898, May 15.                                                                                                   | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
| St. Paul Island (Cabot Strait). | " 1898.              | 1898, May 15, and onward.                                                                                                        | Done.                         | Done.                        | Done.                          | Done.          | (Record unsatisfactory.)                                                                       |
|                                 | Year 1895.           | 1893, Sept. 25; to 1894, Jan. 21.                                                                                                | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
|                                 | " 1895.              | January.—Clock of Gauge failed. Gauge repaired. Gauge put in. February.—Gauge carried away; instrument lost. September.—Rebuilt. | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
|                                 | " 1896.              | 1895, Sept. 1; to 1896, Sept. 30.                                                                                                | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
|                                 | " 1897.              | 1896, Dec. 1; to 1897, Sept. 30.                                                                                                 | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
|                                 | " 1898.              | Oct. and Nov.—Record unreliable.                                                                                                 | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |
| Father Point.                   | Year 1895.           | 1897, Dec. 1; to 1898, Dec. 31.                                                                                                  | Done.                         | Done.                        | Done.                          | Done.          | This analysis furnishes basis of Tide Tables for Northumberland Strait, and adjoining regions. |
|                                 | " 1896.              | 1899, Jan. 1, and onward.                                                                                                        | Done.                         | Done.                        | Done.                          | Done.          |                                                                                                |