



UNITED STATES OF AMERICA
TIDE STATIONS WHERE THREE OR MORE YEARS OF
OBSERVATIONS HAVE BEEN OBTAINED (1927)

Extract from *Geodetic Operations in the United States*, 1st January 1924 to 31st December 1926. —
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(Stations now in operation are marked by an asterisk (*).)

- Eastport, Me., Jan., 9, 1860 to July 18, 1864.
Pulpit or North Harbor, Penobscot Bay, Me., Jan. 21, 1870, to March 28, 1888.
- (*) Portland, Me., Aug. 1, 1864 to Nov. 1, 1866; and Mar. 4, 1910, to present time.
(*) Portsmouth (Navy Yard), N. H., Aug. 24, 1926, to present time.
Boston (Navy Yard), Mass., Feb. 3, 1861, to Feb. 19, 1877; and
(*) Boston (Commonwealth Pier), Mass., May 3, 1921 to present time.
Cape Cod Canal, Cape Cod Bay Entrance, Mass., Jan. 1, 1912, to July 1, 1914 (2 ½ years).
Cape Cod Canal, Buzzards Bay Entrance, Mass., Jan. 1, 1912, to July 1, 1914 (2 ½ years).
Newport (Fort Adams) R. L., Mar. 31, 1892, to Feb. 7, 1895.
Providence, R. L., May 22, 1873, to Sept. 16, 1882; and Oct. 22, 1885, to June 2, 1890, and
the year 1892.
Bridgeport, Conn., Jan. 3, 1911; to June 24, 1915.
- (*) Fort Hamilton (The Narrows), N. Y., Dec. 30, 1892, to Nov. 30, 1920; and Nov. 26, 1926,
to present time.
Brooklyn (Hamilton Avenue Ferry), N. Y., Jan. 1, 1856, to Dec. 31, 1875.
Governors Island, New York, Dec. 12, 1852, to May 1, 1879.
- (*) New York (Barge Office), East River, N. Y., Nov. 22, 1926, to present time.
Belmont Island, East River, N. Y., June 24, 1920, to Dec. 31, 1922 (2.52 years).
Willets Point, East River, N. Y., July 1, 1891, to May 31, 1896.
Sandy Hook, N. Y., Oct. 21, 1875, to July 1, 1893; and Nov. 26, 1906, to Dec. 31, 1916.
Atlantic City (Million Dollar Pier) N. J. Aug. 15, 1911, to Jan. 16, 1921; and
- (*) Atlantic City (Steel Pier), N. J., Nov. 30, 1922, to present time.
Breakwater Harbor (Government Lighthouse Pier), Del., Jan. 14, 1919, to May 12, 1923.
Reedy Island, Del., Feb. 22, 1897, to Mar. 31, 1903.
Philadelphia (Chestnut Street Pier), Pa., July 4, 1900, to Feb. 24, 1921; and
- (*) Philadelphia (Pier 9 N., near Race Street), Pa., May 17, 1922, to present time.
Aberdeen Proving Grounds (off Black Point), Md., Feb. 3, 1919, to Sept. 21, 1922.
Fort Carroll (Patapsco River), Md., Oct. 1, 1897, to Jan. 1, 1901.
- (*) Baltimore (Fort McHenry), Md., June 30, 1902, to present time.
Washington (Navy Yard), D. C., July 31, 1891, to Feb. 1, 1899.
Washington (Norfolk & Washington Steamboat Wharf), D. C., June 30, 1898, to Apr
1901 (2.76 years).
Colonial Beach, Potomac River, Va., June 27, 1906, to June 30, 1910.

- Old Point Comfort (Hampton Roads), Va., Aug. 3, 1852, to July 10, 1878.
 Wilmington (Cape Fear River), N. C., Jan. 24, 1908, to Feb. 13, 1912.
 Fort Sumter, Charleston Harbor, S. C., Mar. 22, 1882, to Jan. 15, 1909.
- (*) Charleston (Custom House), S. C., Jan. 26, 1856, to Aug. 2, 1861; and Sept. 30, 1921 to present time.
- Tybee Island, Ga., Sept. 29, 1889, to June 8, 1892 (2.7 years).
 Fort Clinch (Old Fernandina), Fla., Feb. 20, 1856 to Mar. 25, 1861.
 Fernandina (De Soto Street Wharf), Fla., May 8, 1897, to June 27 1924.
 St Augustine, Fla., Mar. 18, 1914, to Aug. 1, 1918.
 Key West (Curry's Wharf), Fla., Jan. 18, 1913, to Jan. 1, 1927.
- (*) Key West (Naval Submarine Base), Fla., Jan. 20, 1926, to present time.
 Dry Tortugas (Fort Jefferson), Fla., Feb. 27, 1857, to May, 1, 1861.
 Cedar Keys, Fla., Mar. 12, 1914, to June 30, 1926.
- (*) Pensacola (Baylen Street Wharf), Fla., Apr. 30, 1923 to present time.
 Mobile Point (Fort Morgan), Ala., Jan. 13, 1846 to May 27, 1851.
 Mobile (Battery Gladden), Ala., Jan. 2, 1903, to Sept. 6, 1906.
 Biloxi, Miss., Jan. 1, 1896, to Jan. 7, 1899.
 Weeks Island, Vermillion Bay, La., Feb. 25, 1905, to Feb. 26, 1912.
 Galveston (Fort Point), Tex., Nov. 28, 1903, to June 30, 1908.
- (*) Galveston (Twentieth Street Wharf), Tex., Apr. 20, 1908, to present time.
 San Diego (La Playa), Calif., Sept. 22, 1853, to Aug. 31, 1872.
 San Diego (Quarantine Wharf), Calif., Jan. 20, 1906, to Dec. 31, 1925.
- (*) San Diego (Municipal Pier N° 1), Calif., July 1, 1926 to present time.
 (*) La Jolla (Scripps Institute Wharf), Calif., July 16, 1921, to present time.
 (*) Los Angeles Harbor (San Pedro), Calif., Nov. 28, 1923, to present time.
 Fort Point (Golden Gate), Calif., June 30, 1854, to Nov. 27, 1877.
- (*) San Francisco (Presidio), Calif., July 15, 1897, to present time.
 Sausalito (San Francisco Bay), Calif., Feb. 19, 1877, to Sept. 1, 1897.
 Astoria (Ninth Street), Columbia River, Oreg., July 10, 1853. to Oct. 31, 1876.
- (*) Astoria (Tongue Point), Columbia River, Oreg., Jan. 24, 1925, to present time.
 Port Townsend (Admiralty Inlet), Wash., Aug. 1, 1873, to Mar. 31, 1877.
- (*) Seattle (Madison Street), Wash., Dec. 10, 1898, to present time.
 Anacortes (Guemes Channel), Wash., May 21, 1921, to June 14, 1924.
 Bremerton Navy Yard (Port Orchard), Wash., Apr., 19, 1897, to Jan. 15, 1900 (2.74 years).
 Olympia (Budds Inlet), Wash., May 1, 1916, to Oct. 21, 1924.
 Ketchikan (Tongass Narrows), Alaska, Oct. 12, 1918 to present time.
 Craig (Bucareli Bay), Alaska, Apr. 30, 1914, to Oct. 23, 1920 (series broken, total observations about 3 ½ years).
 Juneau (Gastineau Channel) Alaska, Nov. 1, 1911, to Nov. 30, 1915.
 Skagway (Chilcoot Inlet), Alaska, Aug. 13, 1908 to Oct. 31, 1911.
- (*) Seward (Resurrection Bay), Alaska, May 14, 1925, to present time.
 (*) Valdez (Prince William Sound), Alaska, Sept. 5, 1923, to present time.
 Kodiak, Kodiak Island, Alaska, Aug. 1, 1880, to April 30, 1891.

