

Appendix I.

National Water Level Observation Network Stations

Table A. NWLON Stations

Station Number	Latitude	Longitude	First Year	Last Year	Year Range	Station Name	State or Territory
1611400	21 57.4 N	159 21.6 W	1954	1999	46	Nawiliwili	Hawaii
1612340	21 18.4 N	157 52.0 W	1905	1999	95	Honolulu	Hawaii
1612480	21 26.2 N	157 47.6 W	1957	1999	43	Mokuoloe	Hawaii
1615680	20 53.9 N	156 28.3 W	1954	1999	46	Kahului	Hawaii
1617760	19 43.8 N	155 3.4 W	1927	1999	73	Hilo	Hawaii
1619000	16 44.3 N	169 31.8 W	1947	1999	53	Johnston Atoll	
1619910	28 12.7 N	177 21.6 W	1947	1999	53	Sand Island	Midway Is.
1630000	13 26.5 N	144 39.2 E	1948	1999	52	Guam	Marianas Is.
1770000	14 16.8 S	170 41.4 W	1948	1999	52	Pago Pago	American Samoa
1820000	8 44.2 N	167 44.3 E	1946	1999	54	Kwajalein	Marshall Is.
1840000	7 26.8 N	151 50.8 E	1947	1995	49	Chuuk	Caroline Is.
1890000	19 17.4 N	166 37.1 E	1950	1999	50	Wake Island	
2695535 2695540	32 22.4 N	64 42.2 W	1932	1999	68	Bermuda	
8410140	44 54.2 N	66 59.1 W	1929	1999	71	Eastport	Maine
8413320	44 23.5 N	68 12.3 W	1947	1999	53	Bar Harbor	Maine
8418150	43 39.4 N	70 14.8 W	1912	1999	88	Portland	Maine
8419870	43 4.8 N	70 44.5 W	1926	1986	61	Seavey Island	Maine
8443970	42 21.3 N	71 3.1 W	1921	1999	79	Boston	Massachusetts
8447930	41 31.4 N	70 40.3 W	1932	1999	68	Woods Hole	Massachusetts
8449130	41 17.1 N	70 5.8 W	1965	1999	35	Nantucket Island	Massachusetts
8452660	41 30.3 N	71 19.6 W	1930	1999	70	Newport	Rhode Island
8454000	41 48.4 N	71 24.1 W	1938	1999	62	Providence	Rhode Island
8461490	41 21.3 N	72 5.2 W	1938	1999	62	New London	Connecticut
8467150	41 10.4 N	73 10.9 W	1964	1999	36	Bridgeport	Connecticut
8510560	41 2.9 N	71 57.6 W	1947	1999	53	Montauk	New York
8514560	40 57.0 N	73 4.6 W	1957	1992	36	Port Jefferson	New York
8516990	40 47.6 N	73 46.9 W	1931	1999	69	Willets Point	New York
8518490	40 53.6 N	73 46.9 W	1957	1981	25	New Rochelle	New York
8518750	40 42.0 N	74 0.9 W	1856	1999	144	The Battery	New York

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8531680	40 28.0 N	74 0.6 W	1932	1999	68	Sandy Hook	New Jersey
8534720	39 21.3 N	74 25.1 W	1911	1999	89	Atlantic City	New Jersey
8536110	38 58.1 N	74 57.6 W	1965	1999	35	Cape May	New Jersey
8545530 8545240	39 56.0 N	75 8.5 W	1900	1999	100	Philadelphia	Pennsylvania
8557380	38 46.9 N	75 7.2 W	1919	1999	81	Lewes	Delaware
8571890 8571892	38 34.4 N	76 4.1 W	1943	1999	57	Cambridge	Maryland
8574680	39 16.0 N	76 34.7 W	1902	1999	98	Baltimore	Maryland
8575512	38 59.0 N	76 28.8 W	1928	1999	72	Annapolis	Maryland
8577330	38 19.0 N	76 27.1 W	1937	1999	63	Solomons Island	Maryland
8594900	38 52.4 N	77 1.3 W	1931	1999	69	Washington	D. C.
8632200	37 10.0 N	75 59.3 W	1951	1999	49	Kiptopeke	Virginia
8635150	38 15.1 N	76 57.6 W	1972	1999	28	Colonial Beach	Virginia
8635750	37 59.7 N	76 27.9 W	1974	1999	26	Lewisetta	Virginia
8637624	37 14.8 N	76 30.0 W	1950	1999	50	Gloucester Point	Virginia
8638610	36 56.8 N	76 19.8 W	1927	1999	73	Sewells Point	Virginia
8638660	36 49.3 N	76 17.6 W	1935	1987	53	Portsmouth	Virginia
8638863	36 58.0 N	76 6.8 W	1975	1999	25	Chesapeake Bay Bridge Tunnel	Virginia
8656483	34 43.2 N	76 40.2 W	1973	1999	27	Beaufort	North Carolina
8658120	34 13.6 N	77 57.2 W	1935	1999	65	Wilmington	North Carolina
8661000 8661070	33 39.3 N	78 55.1 W	1957	1999	43	Springmaid Pier	South Carolina
8665530	32 46.9 N	79 55.5 W	1921	1999	79	Charleston	South Carolina
8670870	32 2.0 N	80 54.1 W	1935	1999	65	Fort Pulaski	Georgia
8720030	30 40.3 N	81 27.9 W	1897	1999	103	Fernandina Beach	Florida
8720220	30 23.6 N	81 25.9 W	1928	1999	72	Mayport	Florida
8723170	25 46.1 N	80 7.9 W	1931	1981	51	Miami Beach	Florida
8723970	24 42.7 N	81 6.3 W	1971	1999	29	Vaca Beach	Florida
8724580	24 33.2 N	81 48.5 W	1913	1999	87	Key West	Florida

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Station Number	Latitude	Longitude	First Year	Last Year	Year Range	Station Name	State or Territory
8725110	26 7.8 N	81 48.4 W	1965	1999	35	Naples	Florida
8725520	26 38.8 N	81 52.3 W	1965	1999	35	Fort Myers	Florida
8726520	27 45.6 N	82 37.6 W	1947	1999	53	St. Petersburg	Florida
8726724	27 58.6 N	82 49.9 W	1973	1999	27	Clearwater Beach	Florida
8727520	29 8.1 N	83 1.9 W	1914	1999	86	Cedar Key	Florida
8728690	29 43.6 N	84 58.9 W	1967	1999	33	Apalachicola	Florida
8729108	30 9.1 N	85 40.0 W	1973	1999	27	Panama City	Florida
8729840	30 24.2 N	87 12.7 W	1923	1999	77	Pensacola	Florida
8735180	30 15.0 N	88 4.5 W	1966	1997	32	Dauphin Island	Alabama
8761720 8761724	29 15.8 N	89 57.4 W	1947	1999	53	Grand Isle	Louisiana
8764311	29 22.3 N	91 23.1 W	1939	1974	36	Eugene Island	Louisiana
8770590 8770570	29 43.8 N	93 52.2 W	1958	1999	42	Sabine Pass	Texas
8771450	29 18.6 N	94 47.6 W	1908	1999	92	Galveston Pier 21	Texas
8771510	29 17.1 N	94 47.3 W	1957	1999	43	Galveston Pleasure Pier	Texas
8772440	28 56.9 N	95 18.5 W	1954	1999	46	Freeport	Texas
8774770	28 1.3 N	97 2.8 W	1948	1999	52	Rockport	Texas
8778490	26 33.6 N	97 25.4 W	1963	1997	35	Port Mansfield	Texas
8779751	26 4.1 N	97 9.1 W	1958	1994	37	Padre Island	Texas
8779770	26 3.6 N	97 12.9 W	1944	1999	56	Port Isabel	Texas
9410170	32 42.8 N	117 10.4 W	1906	1999	94	San Diego	California
9410230	32 52.0 N	117 15.5 W	1924	1999	76	La Jolla	California
9410580	33 36.2 N	117 53.0 W	1955	1993	39	Newport Beach	California
9410660	33 43.2 N	118 16.3 W	1923	1999	77	Los Angeles	California
9410840	34 0.5 N	118 30.0 W	1933	1999	67	Santa Monica	California
9411270	34 20.9 N	119 26.6 W	1962	1990	29	Rincon Island	California
9411340	34 24.5 N	119 41.1 W	1973	1998	26	Santa Barbara	California
9412110	35 10.6 N	120 45.6 W	1945	1999	55	Port San Luis	California
9413450	36 36.3 N	121 53.3 W	1973	1999	27	Monterey	California

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9414290	37 48.4 N	122 27.9 W	1854	1999	146	San Francisco	California
9414750	37 46.3 N	122 17.9 W	1939	1999	61	Alameda	California
9415020	37 59.8 N	122 58.5 W	1975	1999	25	Point Reyes	California
9419750	41 44.7 N	124 11.0 W	1933	1999	67	Crescent City	California
9432780	43 20.7 N	124 19.3 W	1970	1999	30	Charleston	Oregon
9435380	44 37.5 N	124 2.6 W	1967	1999	33	South Beach	Oregon
9439040	46 12.5 N	123 46.0 W	1925	1999	75	Astoria	Oregon
9440910	46 42.5 N	123 57.9 W	1973	1999	27	Toke Point	Washington
9443090	48 22.1 N	124 37.0 W	1934	1999	66	Neah Bay	Washington
9444090	48 7.5 N	123 26.4 W	1975	1999	25	Port Angeles	Washington
9444900	48 6.7 N	122 45.5 W	1972	1999	28	Port Townsend	Washington
9447130	47 36.3 N	122 20.3 W	1898	1999	102	Seattle	Washington
9449424	48 51.8 N	122 45.5 W	1973	1999	27	Cherry Point	Washington
9449880	48 32.8 N	123 0.6 W	1934	1999	66	Friday Harbor	Washington
9450460	55 20.0 N	131 37.5 W	1919	1999	81	Ketchikan	Alaska
9451600	57 3.1 N	135 20.5 W	1938	1999	62	Sitka	Alaska
9452210	58 17.9 N	134 24.7 W	1936	1999	64	Juneau	Alaska
9452400	59 27.0 N	135 19.6 W	1944	1999	56	Skagway	Alaska
9453220	59 32.9 N	139 44.1 W	1940	1999	60	Yakutat	Alaska
9454050	60 33.5 N	145 45.2 W	1964	1999	36	Cordova	Alaska
9454240	61 7.5 N	146 21.7 W	1973	1999	27	Valdez	Alaska
9455090	60 7.2 N	149 25.6 W	1925	1999	75	Seward	Alaska
9455500	59 26.4 N	151 43.2 W	1964	1999	36	Seldovia	Alaska
9455760	60 41.0 N	151 23.9 W	1973	1999	27	Nikiski	Alaska
9455920	61 14.3 N	149 53.4 W	1972	1999	28	Anchorage	Alaska
9457292 9457283	57 43.9 N	152 30.7 W	1949	1999	51	Kodiak Island	Alaska
9459450	55 20.2 N	160 30.1 W	1972	1999	28	Sand Point	Alaska
9461380	51 51.8 N	176 37.9 W	1943	1999	57	Adak Island	Alaska
9462620	53 52.8 N	166 32.2 W	1934	1999	66	Unalaska	Alaska

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9731158	19 54.4 N	75 8.8 W	1937	1971	35	Guantanamo Bay	Cuba
9751639	18 20.1 N	64 55.2 W	1975	1999	25	Charlotte Amalie	Virgin Islands
9755371	18 27.7 N	66 7.0 W	1962	1999	38	San Juan	Puerto Rico
9759110	17 58.3 N	67 2.8 W	1955	1999	45	Magueyes Island	Puerto Rico

