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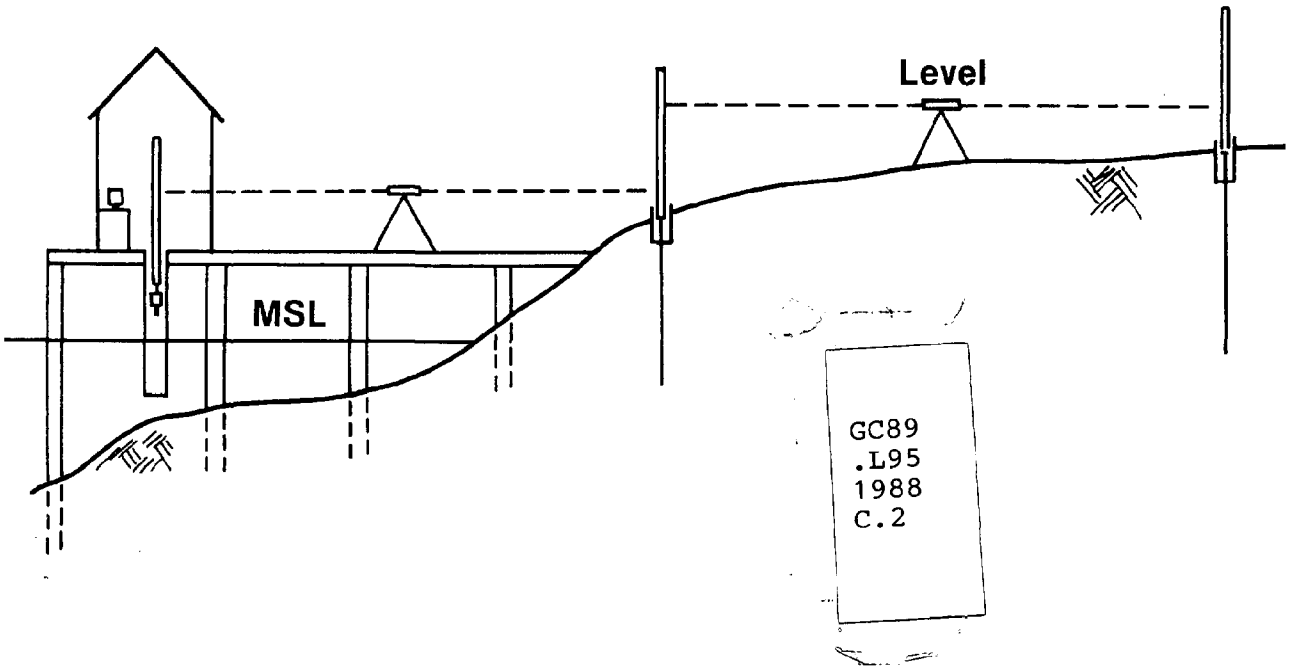
Sea Level Variations for the United States 1855–1986

Rockville, Md.
February 1988



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Sea Level Variations for the United States 1855–1986

Stephen D. Lyles
Leonard E. Hickman, Jr.
Henry A. Debaugh, Jr.

Rockville, Maryland
February 1988

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Sea Level Variations for the United States

1855 - 1986

Stephen D. Lyles
Leonard E. Hickman, Jr.
Henry A. Debaugh, Jr.

ABSTRACT.

Relative apparent secular sea level trends, their standard errors, and annual variabilities are computed for 78 United States long-term control stations. The computations are for the entire length of series at each station and for the common series length, 1950 through 1986. Graphs of both monthly and yearly mean sea level are depicted for the individual stations. Monthly and yearly mean sea level data are tabulated for the entire length of series at the 78 stations.

1. INTRODUCTION

This report constitutes a reintroduction of a former NOAA publication on sea level variations for the United States (Hicks, et al., 1983). Since 1983, the report has been expanded to include data gathered through 1986 and data gathered from 11 additional stations.

The purpose of this report is to provide a statistical, graphic, and numerical description of relative apparent secular sea level variations for the United States from 1855-1986. It is directed toward the fields of physical oceanography for tidal datum evaluations; geological oceanography and coastal engineering for coastal processes investigations; meteorology, climatology, and hydrology for climate monitoring; and geology, tectonophysics, and geophysics for vertical land movement studies.

The report includes: (1) computations of relative apparent secular trend and yearly variability at each station; (2) graphs of monthly mean sea level for each station averaged for the present National Tidal Datum Epoch, 1960 to 1978; (3) superimposed graphs for the most recent year of monthly mean sea level; (4) graphs of yearly mean sea level for each station; (5) graphs of monthly mean sea level for 1982 and 1983 to show the effects of the El Nino on the West Coast, Alaska, and Pacific Islands; and (6) the tabulation of all monthly and yearly mean sea level values used in the study. The scope of the presentation is limited to: (1) the marine coasts of the United States, Puerto Rico, U.S. trust territories in the Pacific, and Bermuda; (2) observations from National Ocean Service tide stations; (3) observational series that began prior to 1960 and that have relatively few and short breaks; and (4) computed monthly and yearly mean sea level.

Sea level variations over geological time spans leading up to the present measurement series are given by Fairbridge (1962) and by Milliam and Emery (1968). Lucid summaries are in Fairbridge (1960) and Emery (1969).

An analysis of recent global sea level trends can be found in Emery (1980); Etkins and Epstein (1982); Gornitz, et al. (1982); and Barnett (1984). A study on predicted future sea level trends can be found in Hoffman, et al. (1983).

2. DATA AND SERIES

Yearly mean sea level is the arithmetic mean of a calendar year of hourly heights. The hourly heights were either scaled directly from a marigram or obtained from the digital output of an analog tide gage at each tide station. The tide gage, usually located on a pier, continuously measures sea level heights relative to the land adjacent to the station location. A tide staff at the gage site is connected to bench marks on the adjacent land by precise second-order Class I leveling. The bench marks are located in bedrock whenever possible.

Table 1 lists the long-term control tide stations used in this study by number, name, and location (latitude and longitude). They are all operated by the National Ocean Service. Of the 78 stations, 46 were in operation before 1940 and have had very few and short breaks in their measurement series. Table 2 lists the 78 station locations and the first complete year of each series. San Francisco dates from 1855 (Smith, 1980), and New York, Fernandina, and Seattle date from 1856, 1898, and 1899, respectively. Where the length of a break in a series is sufficient to invalidate a yearly mean, the missing year is also listed.

Periodic reviews are undertaken in an effort to provide users with the most accurate data sets possible. Since the last report, monthly means at three stations were adjusted to reflect changes due to undocumented datum shifts. The monthly mean values will differ from those listed in the 1983 edition of this report for the stations and time periods indicated below.

Eastport, Maine	1946-1957
Boston, Massachusetts	1939-1986
Atlantic City, New Jersey	1978-July 1984

Table 1. Station numbers, names, and locations.

Station Number	Station Name	Latitude	Longitude
841 0140	Eastport, ME	44°54.2'N	66°59.1'W
841 3320	Bar Harbor, ME	44°23.5'N	68°12.3'W
841 8150	Portland, ME	43°39.4'N	70°14.8'W
841 9870	Seavey Is., ME (Portsmouth, NH)	43°04.9'N	70°44.7'W
844 3970	Boston, MA	42°21.3'N	71°03.0'W
844 7930	Woods Hole, MA	41°31.5'N	70°40.4'W
845 2660	Newport, RI	41°30.3'N	71°19.6'W
845 4000	Providence, RI	41°48.4'N	71°24.1'W
846 1490	New London, CT	41°21.3'N	72°05.2'W
846 7150	Bridgeport, CT	41°10.4'N	73°10.9'W
851 0560	Montauk, NY	41°02.9'N	71°57.6'W
851 4560	Port Jefferson, NY	40°57.0'N	73°04.6'W
851 6990	Willets Point, NY	40°47.6'N	73°46.9'W
851 8490	New Rochelle, NY	40°53.6'N	73°46.9'W
851 8750	New York (The Battery), NY	40°42.0'N	74°00.9'W
853 1680	Sandy Hook, NJ	40°28.0'N	74°00.6'W
853 4720	Atlantic City, NJ	39°21.3'N	74°25.1'W
854 5530	Philadelphia, PA	39°57.1'N	75°08.4'W
855 7380	Lewes, DE	38°46.9'N	75°07.2'W
857 4680	Baltimore, MD	39°16.0'N	76°34.7'W
857 5512	Annapolis, MD	38°59.0'N	76°28.8'W
857 7330	Solomons Island, MD	38°19.0'N	76°27.2'W
859 4900	Washington, DC	38°52.5'N	77°01.4'W
863 2200	Kiptopeke, VA	37°10.0'N	75°59.3'W
863 8610	Hampton Roads (Norfolk), VA	36°56.8'N	76°19.8'W
863 8660	Portsmouth, VA	36°49.2'N	76°17.6'W
865 8120	Wilmington, NC	34°13.6'N	77°57.2'W
866 5530	Charleston, SC	32°46.9'N	79°55.5'W
867 0870	Fort Pulaski (Savannah), GA	32°02.0'N	80°54.1'W
872 0030	Fernandina Beach, FL	30°40.3'N	81°28.0'W
872 0220	Mayport, FL	30°23.6'N	81°25.9'W
872 3170	Miami Beach, FL	25°46.1'N	80°07.9'W
872 4580	Key West, FL	24°33.2'N	81°48.5'W
872 6520	St. Petersburg, FL	27°46.4'N	82°37.3'W
872 7520	Cedar Key, FL	29°08.1'N	83°01.9'W
872 9840	Pensacola, FL	30°24.2'N	87°12.8'W
876 1720	Grand Isle, LA	26°16.5'N	89°57.5'W
876 4311	Eugene Island, LA	29°22.3'N	91°23.1'W
877 0590	Sabine Pass, TX	29°42.3'N	93°51.2'W
877 1450	Galveston (Pier 21), TX	29°18.6'N	94°47.6'W
877 1510	Galveston (Pleasure Pier), TX	29°17.2'N	94°47.4'W
877 2440	Freeport, TX	28°56.8'N	95°18.5'W
877 4770	Rockport, TX	28°01.3'N	97°02.8'W
877 9750	Padre Island, TX	26°04.1'N	97°09.4'W
877 9770	Port Isabel, TX	26°03.6'N	97°12.9'W

Table 1. Station numbers, names, and locations (cont'd).

Station Number	Station Name	Latitude	Longitude
269 5535	St. Georges, Bermuda	32°22.2'N	64°41.8'W
975 9110	Magueyes Island, Puerto Rico	17°58.3'N	67°02.8'W
941 0170	San Diego, CA	32°42.9'N	117°10.4'W
941 0230	La Jolla, CA	32°52.0'N	117°15.4'W
941 0580	Newport Beach, CA	33°36.2'N	117°53.0'W
941 0660	Los Angeles (Berth 60), CA	33°43.2'N	118°16.3'W
941 0840	Santa Monica, CA	34°00.5'N	118°29.9'W
941 2110	Port San Luis, CA	35°10.1'N	120°45.1'W
941 4290	San Francisco, CA	37°48.4'N	122°27.9'W
941 4750	Alameda, CA	37°46.3'N	122°17.9'W
941 9750	Crescent City, CA	41°44.7'N	124°11.0'W
943 9040	Astoria, OR	46°12.5'N	123°46.0'W
944 3090	Neah Bay, WA	48°22.1'N	124°37.0'W
944 7130	Seattle, WA	47°36.2'N	122°20.2'W
944 9880	Friday Harbor, WA	48°32.7'N	123°00.7'W
945 0460	Ketchikan, AK	55°20.0'N	131°37.5'W
945 1600	Sitka, AK	57°03.1'N	135°20.5'W
945 2210	Juneau, AK	58°17.9'N	134°24.7'W
945 2400	Skagway, AK	59°27.0'N	135°19.5'W
945 3220	Yakutat, AK	59°32.8'N	139°44.1'W
945 5500	Seldovia, AK	59°26.4'N	151°43.0'W
946 1380	Adak, AK	51°51.5'N	176°38.1'W
946 2620	Unalaska, AK	53°52.8'N	166°32.3'W
161 1400	Nawiliwili, HI	21°57.4'N	159°21.6'W
161 2340	Honolulu, HI	21°18.4'N	151°52.0'W
161 7760	Hilo, HI	19°44.4'N	155°03.5'W
161 9000	Johnston Island	16°44.4'N	169°31.8'W
161 9910	Sand Island, Midway	28°12.7'N	177°21.6'W
163 0000	Apra Harbor, Guam	13°26.5'N	144°39.2'E
177 0000	Pago Pago, American Samoa	14°16.7'S	170°40.9'W
182 0000	Kwajalein, Marshall Islands	08°44.2'N	167°44.3'E
184 0000	Truk Atoll, E. Carolines	07°26.8'N	151°50.7'E
189 0000	Wake Island	19°17.4'N	166°37.8'E

Table 2. Trends and variability, station list.

Station Number	Station Name	Date of First Full Year of Series	Dates of Missing Data
841 0140	Eastport, ME	1930	1929,57,58,76-78,80
841 3320	Bar Harbor, ME	1948	1947,72,76,77,86
841 8150	Portland, ME	1912	
841 9870	Seavey Is., ME[a]	1927	1926,35-39,42,73,78,84,86
844 3970	Boston, MA	1921	
844 7930	Woods Hole, MA	1933	1932,65,67-69
845 2660	Newport, RI	1931	1930,54,55
845 4000	Providence, RI	1939	1938,47-56,67
846 1490	New London, CT	1939	1938,77-80,85
846 7150	Bridgeport, CT	1965	1964,66
851 0560	Montauk, NY	1948	1947,59,72,79,85,86
851 4560	Port Jefferson, NY	1958	1957,76,79
851 6990	Willets Point, NY	1932	1931,84
851 8490	New Rochelle, NY	1958	1957,77-79,82-86
851 8750	New York, NY[b]	1856	1861,79-92
853 1680	Sandy Hook, NJ	1933	1932
853 4720	Atlantic City, NJ	1912	1911,21,22,70,71,77,85,86
854 5530	Philadelphia, PA	1901	1900,21,22,59,60
855 7380	Lewes, DE	1921	1919,20,23-36,40-47,50-52,74
857 4680	Baltimore, MD	1903	1902
857 5512	Annapolis, MD	1929	1928,69,76
857 7330	Solomons Island, MD	1938	1937,70,73,76,84
859 4900	Washington, DC	1931	1980,81
863 2200	Kiptopeke, VA	1952	1951,78
863 8610	Hampton Roads, VA[c]	1928	1927
863 8660	Portsmouth, VA	1936	1935,84
865 8120	Wilmington, NC	1936	1935,60,62,84-86
866 5530	Charleston, SC	1922	1921,85
867 0870	Fort Pulaski, GA[d]	1935	1977,84
872 0030	Fernandina Beach, FL	1898	1897,1924-38,84
872 0220	Mayport, FL	1929	1928,84
872 3170	Miami Beach, FL	1932	1931,52-54,79,81-86
872 4580	Key West, FL	1913	1953,84,85
872 6520	St. Petersburg, FL	1947	1984
872 7520	Cedar Key, FL	1915	1914,26-38,84-86
872 9840	Pensacola, FL	1924	1923
876 1720	Grand Isle, LA[e]	1947	1972,76,77
876 4311	Eugene Island, LA	1940	1939,71-73,75-86
877 0590	Sabine Pass, TX	1960	1958,59,62,71,73,76,79-86

[a] 1927-1968, Portsmouth Navy Yard, NH; 1969-1972, Back Channel, ME; 1973-1986, Seavey Island (Berth 2), ME.
[b] 1856-1878, Governors Island; 1893-1920, Ft. Hamilton; 1921-1986, The Battery, NY.
[c] Norfolk, VA.
[d] Savannah, GA.
[e] 1947-79, Bayou Rigaud; 1980-1986, East Point, LA.

Table 2. Trends and variability, station list (cont'd).

Station Number	Station Name	Date of First Full Year of Series	Dates of Missing Data
877 1450	Galveston (Pier 21), TX	1909	1908,76,79,84
877 1510	Galveston (Pl. Pier), TX	1958	1957,65,74-77
877 2440	Freeport, TX	1955	1954,66,84
877 4770	Rockport, TX	1948	1954-63,77,79,80,84-86
877 9750	Padre Island, TX	1959	1958,61,62,65,78-83,86
877 9770	Port Isabel, TX	1945	1944,74,75,84,85
269 5535	St. Georges, Bermuda	1933	1932,37-43,77,78,81,86
975 9110	Magueyes Island, PR	1955	1962,79,81,82
941 0170	San Diego, CA	1906	1926,62
941 0230	La Jolla, CA	1925	1924,54,55,78,79,84
941 0580	Newport Beach, CA	1956	1955,84
941 0660	Los Angeles, CA[f]	1924	1923,79,84
941 0840	Santa Monica, CA	1933	1966-73,83,85
941 2110	Port San Luis, CA[g]	1946	1945,60,68,69,71
941 4290	San Francisco, CA[h]	1855	1854
941 4750	Alameda, CA	1940	1939
941 9750	Crescent City, CA	1933	1948,49
943 9040	Astoria, OR	1926	1925,45,46,84
944 3090	Neah Bay, WA	1935	1934,51,59,76,78
944 7130	Seattle, WA	1899	1983
944 9880	Friday Harbor, WA	1934	1962-64
945 0460	Ketchikan, AK	1919	1973,76,84
945 1600	Sitka, AK	1938	1973
945 2210	Juneau, AK	1936	1941-43
945 2400	Skagway, AK	1945	1944,64,70-81,83
945 3220	Yakutat, AK	1940	1964,65,73,79
945 5500	Seldovia, AK	1966	1964,65,70
946 1380	Adak, AK	1944	1943,57,61,64,65,76-79,84,86
946 2620	Unalaska, AK	1956	1955,59,68,73,76-81,84,86
161 1400	Nawiliwili, HI	1955	
161 2340	Honolulu, HI	1905	
161 7760	Hilo, HI	1927	1932-46
161 9000	Johnston Island	1950	1952,53,62,80
161 9910	Sand Island, Midway	1947	1973,74,76-81,85
163 0000	Apra Harbor, Guam	1949	1975,76,84,86
177 0000	Pago Pago, American Samoa	1949	1948,56,76,78,79,81,85
182 0000	Kwajalein, Marshall Is.	1947	1984
184 0000	Truk Atoll, E. Carolines	1953	1947-52,75-77,85
189 0000	Wake Island	1951	1950,68,69,74,78,79,81, 82,84,85

[f] Berth 60.
[g] 1945-69, Avila Beach; 1970-86, Port San Luis, CA.
[h] 1855-1877, Fort Point; 1877-1897, Sausalito (2 locations); 1897-1986, The Presidio (2 locations).

3. TRENDS AND VARIABILITY

Table 3 gives the relative apparent secular trend, its standard error, and variability for the entire length of the series at each station. Relative apparent secular trend is represented by the slope of a least-squares line of regression through the yearly means. About 95 percent of repeated calculations of apparent secular trend will differ by less than twice the standard error of trend, and practically all repeated calculations will differ by less than three times the standard error of trend.

Variability is represented by the standard error of estimate, which is the standard deviation from the line of regression. About two-thirds of yearly mean sea level values will differ from the straight line of regression by less than the variability (standard error of estimate). About 95 percent of the yearly mean sea level values will differ from the line by less than twice the variability, and practically all the values will differ by less than three times the variability.

Table 4 gives the same statistical values for the common series 1950 through 1986. The date 1950 was chosen in order to give as long a series as possible that would be common to most stations, and at the same time, include a sufficient number of stations for a representative coverage of the coast. The formulae used to compute the values in Tables 3 and 4 are given in Appendix D. Table 3 should be used for the best values at each station; Table 4, for comparing stations.

Table 3. Trends and variability, entire series.

Station Number	Location	Trend mm/yr	Trend ft/yr	Standard Error of Trend ±mm/yr	Standard Error of Trend ±ft/yr	Variability[a] ±mm	Variability[a] ±ft
841 0140	Eastport, ME	2.7	.009	.2	.0007	26.4	.087
841 3320	Bar Harbor, ME	2.7	.009	.3	.0011	21.6	.071
841 8150	Portland, ME	2.2	.007	.2	.0005	29.3	.096
841 9870	Seavey Is., ME	1.8	.006	.2	.0007	25.2	.083
844 3970	Boston, MA	2.9	.010	.2	.0006	27.4	.090
844 7930	Woods Hole, MA	2.7	.009	.2	.0007	23.8	.078
845 2660	Newport, RI	2.7	.009	.2	.0007	23.4	.077
845 4000	Providence, RI	1.8	.006	.3	.0010	25.3	.083
846 1490	New London, CT	2.1	.007	.3	.0010	25.5	.084
846 7150	Bridgeport, CT	2.1	.007	1.2	.0040	33.4	.110
851 0560	Montauk, NY	1.9	.006	.5	.0015	29.3	.096
851 4560	Port Jefferson, NY	2.7	.009	.7	.0023	30.9	.101
851 6990	Willets Pt., NY	2.4	.008	.3	.0009	32.2	.106
851 8490	New Rochelle, NY	0.6	.002	1.2	.0040	37.0	.122
851 8750	New York, NY	2.7	.009	.1	.0002	28.6	.094
853 1680	Sandy Hook, NJ	4.1	.014	.3	.0008	29.2	.096
853 4720	Atlantic City, NJ	3.9	.013	.2	.0006	30.0	.098
854 5530	Philadelphia, PA	2.6	.008	.2	.0006	40.1	.132
855 7380	Lewes, DE	3.1	.010	.4	.0012	36.0	.118
857 4680	Baltimore, MD	3.2	.010	.1	.0004	28.2	.093
857 5512	Annapolis, MD	3.6	.012	.2	.0008	28.1	.092
857 7330	Solomons Is., MD	3.3	.011	.3	.0010	28.9	.095
859 4900	Washington, DC	3.2	.011	.3	.0010	34.9	.115
863 2200	Kiptopeke, VA	3.1	.010	.5	.0017	30.8	.101
863 8610	Hampton Roads, VA	4.3	.014	.2	.0008	33.0	.108
863 8660	Portsmouth, VA	3.7	.012	.3	.0010	30.4	.100
865 8120	Wilmington, NC	1.8	.006	.4	.0014	41.5	.136
866 5530	Charleston, SC	3.4	.011	.2	.0008	35.0	.115
867 0870	Ft. Pulaski, GA	3.0	.010	.3	.0011	32.9	.108
872 0030	Fernandina, FL	1.9	.006	.2	.0005	36.2	.119
872 0220	Mayport, FL	2.2	.007	.3	.0009	35.1	.115
872 3170	Miami Beach, FL	2.3	.008	.3	.0009	25.0	.082
872 4580	Key West, FL	2.2	.007	.2	.0005	25.7	.084
872 6520	St. Petersburg, FL	2.3	.007	.4	.0013	26.5	.087
872 7520	Cedar Key, FL	1.9	.006	.2	.0007	30.3	.099
872 9840	Pensacola, FL	2.4	.008	.3	.0009	36.5	.120
876 1720	Grand Isle, LA	10.5	.034	.7	.0022	47.6	.156
876 4311	Eugene Island, LA	9.7	.032	.7	.0024	38.2	.125
877 0590	Sabine Pass, TX	13.2	.043	3.2	.0104	67.3	.221
877 1450	Galveston, TX[b]	6.4	.021	.2	.0008	47.9	.157
877 1510	Galveston, TX[c]	7.5	.024	1.1	.0037	50.0	.164

[a] Standard Error of Estimate.
[b] Pier 21.
[c] Pleasure Pier.

Table 3. Trends and variability, entire series (cont'd).

Station Number	Location	Trend mm/yr	Trend ft/yr	Standard Error of Trend ±mm/yr	Standard Error of Trend ±ft/yr	Variability[a] ±mm	Variability[a] ±ft
877 2440	Freeport, TX	14.0	.046	1.1	.0036	55.4	.182
877 4770	Rockport, TX	4.0	.013	.9	.0028	45.0	.148
877 9750	Padre Island, TX	5.1	.017	1.4	.0045	40.9	.134
877 9770	Port Isabel, TX	3.1	.010	.5	.0016	35.9	.118
269 5535	St. Geo., Bermuda	2.1	.007	.5	.0018	50.0	.164
975 9110	Magueyes Is., PR	2.0	.006	.4	.0014	20.0	.066
941 0170	San Diego, CA	2.1	.007	.1	.0004	27.9	.092
941 0230	La Jolla, CA	2.0	.007	.2	.0007	29.1	.095
941 0580	Newport, CA	1.9	.006	.7	.0024	35.0	.115
941 0660	Los Angeles, CA	0.8	.003	.2	.0007	28.6	.094
941 0840	Santa Monica, CA	1.8	.006	.3	.0010	31.7	.104
941 2110	Port San Luis, CA	1.2	.004	.4	.0013	30.8	.101
941 4290	San Francisco, CA	1.3	.004	.1	.0003	43.2	.142
941 4750	Alameda, CA	1.0	.003	.5	.0016	45.2	.148
941 9750	Crescent City, CA	-0.6	-.002	.3	.0011	36.5	.120
943 9040	Astoria, OR	-0.3	-.001	.4	.0012	47.1	.154
944 3090	Neah Bay, WA	-1.1	-.004	.3	.0011	35.5	.117
944 7130	Seattle, WA	2.0	.006	.1	.0004	30.4	.100
944 9880	Friday Harbor, WA	1.4	.004	.3	.0010	33.7	.111
945 0460	Ketchikan, AK	-0.1	.000	.3	.0008	38.8	.127
945 1600	Sitka, AK	-2.2	-.007	.3	.0011	32.9	.108
945 2210	Juneau, AK	-12.4	-.041	.4	.0013	38.1	.125
945 2400	Skagway, AK	-17.3	-.057	.7	.0024	44.6	.146
945 3220	Yakutat, AK	-4.6	-.015	.4	.0014	37.7	.124
945 5500	Seldovia, AK	-8.2	-.027	2.2	.0073	60.3	.198
946 1380	Adak, AK	0.0	.000	.7	.0022	46.2	.151
946 2620	Unalaska, AK	-7.1	-.023	1.2	.0038	43.8	.144
161 1400	Nawiliwili, HI	2.0	.006	.6	.0021	32.8	.108
161 2340	Honolulu, HI	1.6	.005	.2	.0005	35.4	.116
161 7760	Hilo, HI	3.6	.012	.3	.0011	36.4	.119
161 9000	Johnston Island	0.4	.001	.6	.0021	38.4	.126
161 9910	Sand Is., Midway	-0.6	-.002	.6	.0019	34.7	.114
163 0000	Apra Harbor, Guam	-1.2	-.004	.8	.0027	50.7	.166
177 0000	Pago Pago	1.5	.005	.7	.0024	43.3	.142
182 0000	Kwajalein	1.0	.003	.6	.0018	39.6	.130
184 0000	Truk Atoll	1.0	.003	1.0	.0033	51.8	.170
189 0000	Wake Island	0.8	.003	.7	.0024	36.7	.120

[a] Standard Error of Estimate.

Table 4. Trends and variability, 1950 through 1986.

Station Number	Location	Trend mm/yr	Trend ft/yr	Standard Error of Trend ±mm/yr	Standard Error of Trend ±ft/yr	Variability[a] ±mm	Variability[a] ±ft
841 0140	Eastport, ME	2.2	.007	.5	.0016	29.6	.097
841 3320	Bar Harbor, ME	2.6	.009	.4	.0012	21.6	.071
841 8150	Portland, ME	1.9	.006	.5	.0018	32.3	.106
841 9870	Seavey Is., ME	0.9	.003	.4	.0014	24.7	.081
844 3970	Boston, MA	1.6	.005	.4	.0012	24.6	.081
844 7930	Woods Hole, MA	2.4	.008	.4	.0013	25.4	.083
845 2660	Newport, RI	2.3	.008	.4	.0014	25.9	.085
845 4000	Providence, RI	1.4	.004	.6	.0019	27.3	.090
846 1490	New London, CT	1.8	.006	.5	.0016	27.9	.091
851 0560	Montauk, NY	1.8	.006	.5	.0017	30.0	.098
851 6990	Willets Pt., NY	1.7	.006	.6	.0018	35.1	.115
851 8750	New York, NY	2.4	.008	.4	.0015	29.0	.095
853 1680	Sandy Hook, NJ	3.4	.011	.5	.0016	31.3	.103
853 4720	Atlantic City, NJ	4.4	.014	.6	.0019	32.3	.106
854 5530	Philadelphia, PA	2.1	.007	.7	.0024	44.8	.147
855 7380	Lewes, DE	2.7	.009	.7	.0022	38.0	.125
857 4680	Baltimore, MD	2.2	.007	.4	.0015	28.9	.095
857 5512	Annapolis, MD	2.9	.009	.4	.0014	26.6	.087
857 7330	Solomons Is., MD	2.9	.010	.5	.0016	30.8	.101
859 4900	Washington, DC	3.1	.010	.6	.0020	37.5	.123
863 8610	Hampton Rds., VA	4.2	.014	.5	.0018	34.8	.114
863 8660	Portsmouth, VA	4.1	.013	.5	.0017	32.5	.107
865 8120	Wilmington, NC	2.7	.009	.7	.0022	37.1	.122
866 5530	Charleston, SC	2.8	.009	.5	.0016	31.3	.103
867 0870	Ft. Pulaski, GA	3.4	.011	.5	.0015	27.8	.091
872 0030	Fernandina, FL	2.1	.007	.5	.0016	31.2	.102
872 0220	Mayport, FL	1.9	.006	.5	.0017	32.7	.107
872 3170	Miami Beach, FL	2.2	.007	.5	.0017	21.6	.071
872 4580	Key West, FL	2.4	.008	.4	.0013	23.6	.077
872 6520	St. Petersburg, FL	2.8	.009	.4	.0013	23.5	.077
872 7520	Cedar Key, FL	1.2	.004	.5	.0017	29.5	.097
872 9840	Pensacola, FL	2.4	.008	.5	.0018	34.6	.113
876 1720	Grand Isle, LA	11.7	.038	.6	.0020	39.6	.130
876 4311	Eugene Island, LA	10.7	.035	1.2	.0039	36.5	.120
877 1450	Galveston, TX[b]	7.8	.026	.7	.0023	43.7	.143
877 4770	Rockport, TX	4.8	.016	1.0	.0033	44.6	.146
877 9770	Port Isabel, TX	4.1	.014	.5	.0017	31.5	.104
269 5535	St. Geo., Bermuda	0.4	.001	.9	.0028	51.0	.167
941 0170	San Diego, CA	2.6	.008	.5	.0017	32.9	.108
941 0230	La Jolla, CA	2.4	.008	.6	.0020	34.5	.113
941 0660	Los Angeles, CA	1.1	.004	.5	.0017	30.3	.099

[a] Standard Error of Estimate.
[b] Pier 21.

Table 4. Trends and variability, 1950 through 1986 (cont'd).

Station Number	Location	Trend mm/yr	Trend ft/yr	Standard Error of Trend ±mm/yr	Standard Error of Trend ±ft/yr	Variability[a] ±mm	Variability[a] ±ft
941 0840	Santa Monica, CA	1.2	.004	.5	.0017	31.1	.102
941 2110	Port San Luis, CA	0.9	.003	.5	.0016	32.3	.106
941 4290	San Francisco, CA	2.8	.009	.7	.0023	43.6	.143
941 4750	Alameda, CA	1.4	.005	.7	.0024	45.8	.150
941 9750	Crescent City, CA	-0.8	-.003	.6	.0019	38.1	.125
943 9040	Astoria, OR	-0.9	-.003	.7	.0024	43.2	.142
944 3090	Neah Bay, WA	-1.6	-.005	.6	.0021	37.7	.124
944 7130	Seattle, WA	1.9	.006	.4	.0014	27.8	.091
944 9880	Friday Harbor, WA	1.0	.003	.6	.0019	35.8	.118
945 0460	Ketchikan, AK	0.3	.001	.8	.0027	46.3	.152
945 1600	Sitka, AK	-1.6	-.005	.5	.0017	34.4	.113
945 2210	Juneau, AK	-11.5	-.038	.6	.0020	38.6	.126
945 2400	Skagway, AK	-16.9	-.056	.9	.0031	48.6	.159
945 3220	Yakutat, AK	-3.6	-.012	.6	.0019	37.0	.122
946 1380	Adak, AK	-1.4	-.004	.8	.0027	43.9	.144
161 2340	Honolulu, HI	1.5	.005	.5	.0017	33.0	.108
161 7760	Hilo, HI	3.7	.012	.6	.0019	37.8	.124
161 9000	Johnston Island	0.4	.001	.6	.0021	38.4	.126
161 9910	Sand Is., Midway	-1.0	-.003	.6	.0021	35.1	.115
163 0000	Apra Harbor, Guam	-1.2	-.004	.9	.0029	51.5	.169
177 0000	Pago Pago	1.3	.004	.8	.0025	43.6	.143
182 0000	Kwajalein	1.2	.004	.6	.0021	41.1	.135
184 0000	Truk Atoll	1.0	.003	1.0	.0033	51.8	.170
189 0000	Wake Island	0.8	.003	.7	.0024	36.7	.120

[a] Standard Error of Estimate.

4. STATION GRAPHS AND DATA VALUES

All sea level data for the 78 tide stations were obtained from historic summaries of each tide station. These data were entered into a Data Base Management System (DBMS), "System 2000" by SASS, resident on a Univac 1180 computer. All graphs and tables in Appendices A through C were generated from this data source. Data for the graphs were reformatted and the graphs themselves were produced using the "DISSPLA" graphics package by Computer Associates. All tables in Appendix C were produced using the report facility of the DBMS.

Two graphs for each of the 78 tide stations are given in Appendix A. Zero of the ordinate is the mean sea level of the station for the 1960 to 1978 tidal epoch. The first graph shows the series average of monthly mean sea level (dotted) for the 1960 to 1978 tidal epoch and a superimposed curve (solid) of the most recent year of monthly mean sea levels. The second graph is yearly mean sea level against time. The values are connected by straight lines.

Graphs of monthly mean sea level for the years 1982 and 1983 for the West Coast, Alaska, and the Pacific Island stations are in Appendix B. These additional years were plotted to show the effect of the 1982-83 El Nino on mean sea level.

All monthly and yearly mean sea level data from the 78 stations are listed in Appendix C. The numerical values are referenced to staff zero, the local datum at each station location.

5. ACKNOWLEDGMENTS

The authors thank the following individuals for their contributions to the study and document: Raymond A. Smith for the computation of the tidal summaries and review of the leveling information for 1986, Douglas M. Martin for the verification of the tidal summaries, Kevin Mulheron for data entry, Stephen K. Gill and James R. Hubbard for their technical expertise and support, Wendy E. Hudson for editorial review, and Pauly Plunkett for typing the document. Appreciation is also expressed to the present and past members of the Sea and Lake Levels Branch for their care and competence in the measurement, processing, reduction, and summation of the sea level data.

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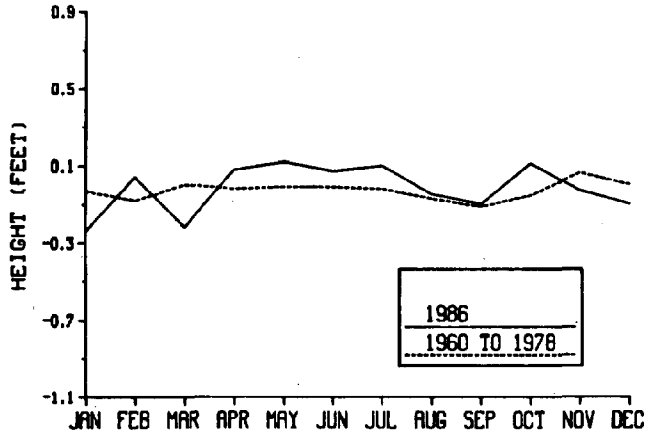
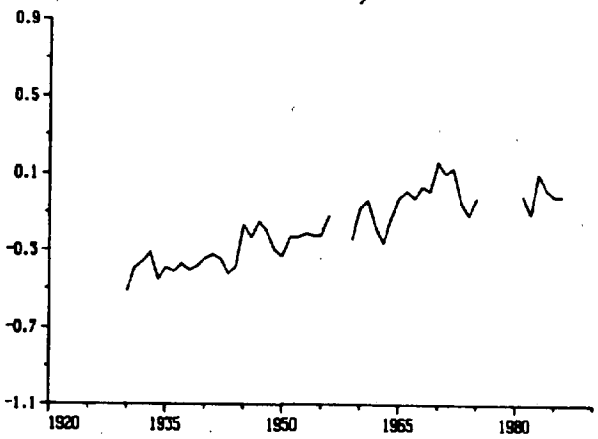
APPENDIX A

Plots of Monthly and Yearly Mean Sea Level

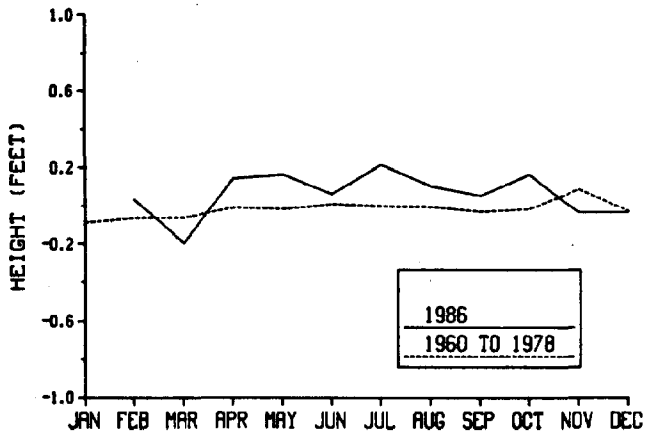
MONTHLY MEAN SEA LEVEL
STATION NO. 841-0140
EASTPORT, ME



YEARLY MEAN SEA LEVEL
STATION NO. 841-0140
EASTPORT, ME



MONTHLY MEAN SEA LEVEL
STATION NO. 841-3320
BAR HARBOR, ME



YEARLY MEAN SEA LEVEL
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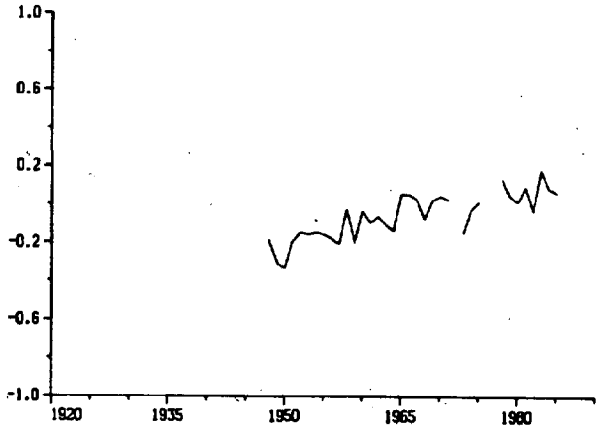
BAR HARBOR, ME



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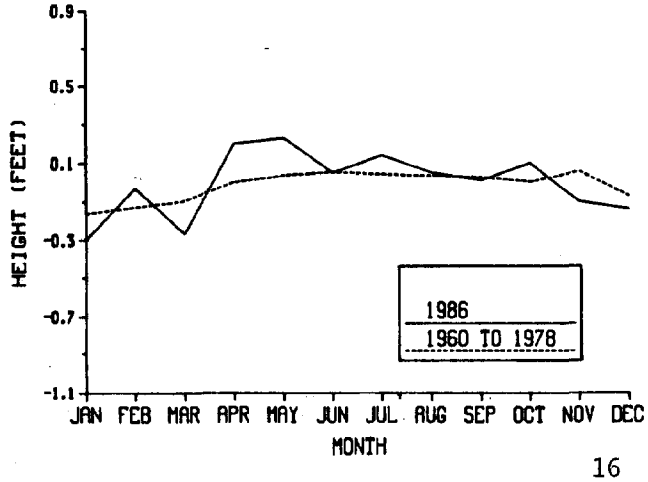
PORTLAND, ME



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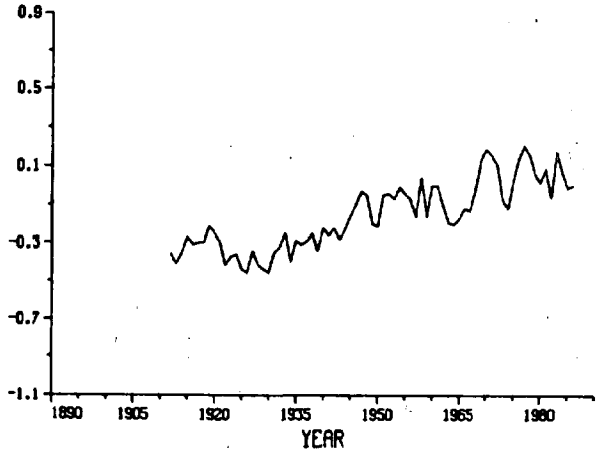
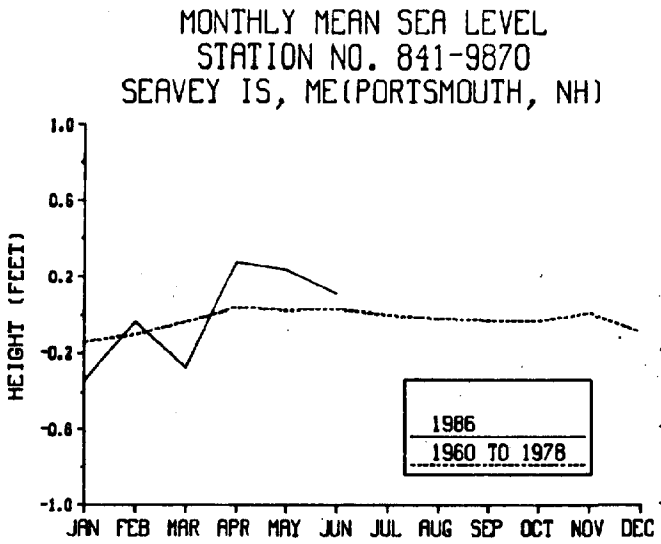
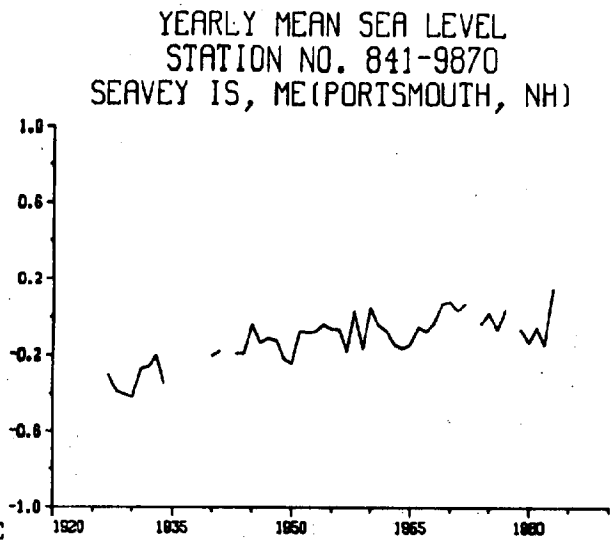
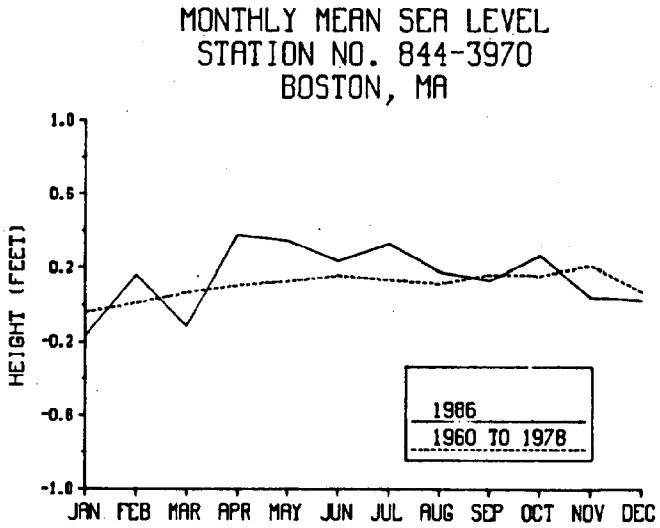
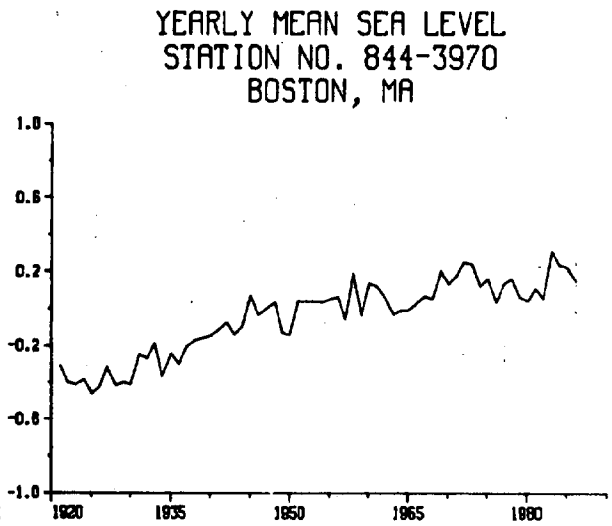
PORTLAND, ME




MONTHLY MEAN SEA LEVEL
STATION NO. 841-9870
SEAVEY IS, ME(PORTSMOUTH, NH)
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1986
1960 TO 1978


YEARLY MEAN SEA LEVEL
STATION NO. 841-9870
SEAVEY IS, ME(PORTSMOUTH, NH)
1.0
0.6
0.2
-0.2
-0.6
-1.0
1920
1935
1950
1965
1980


MONTHLY MEAN SEA LEVEL
STATION NO. 844-3970
BOSTON, MA
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1986
1960 TO 1978


YEARLY MEAN SEA LEVEL
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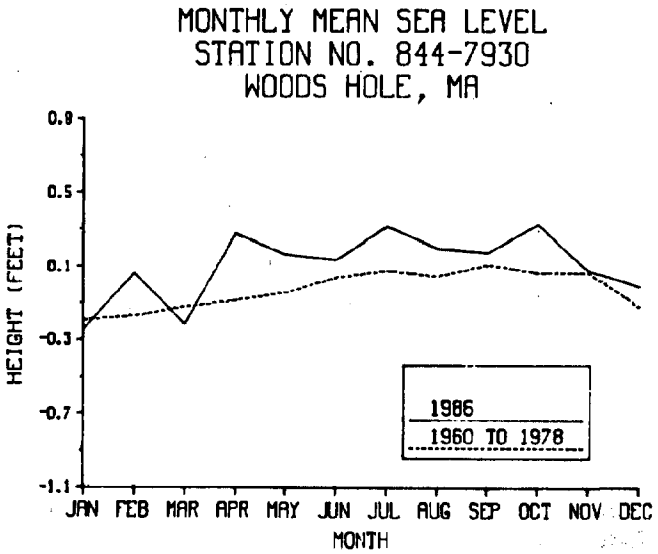
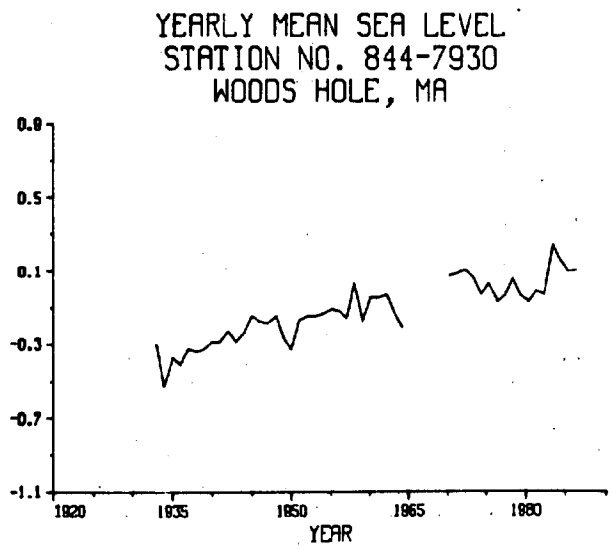
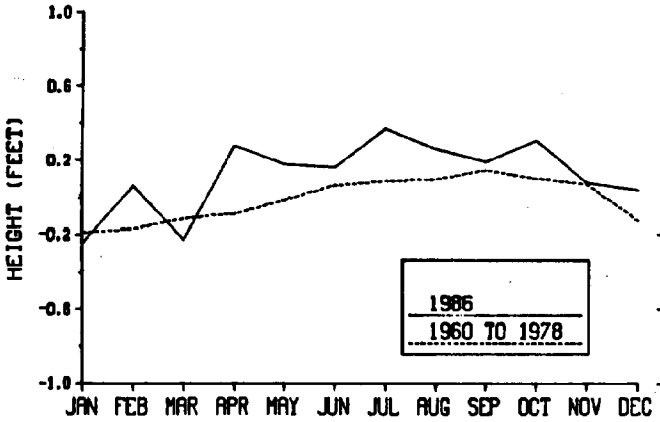
BOSTON, MA
1.0
0.6
0.2
-0.2
-0.6
-1.0
1920
1935
1950
1965
1980

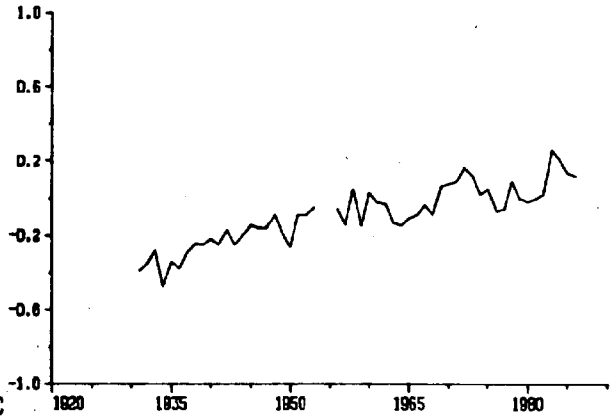

MONTHLY MEAN SEA LEVEL
STATION NO. 844-7930
WOODS HOLE, MA
HEIGHT (FEET)
0.9
0.5
0.1
-0.3
-0.7
-1.1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH
1986
1960 TO 1978


YEARLY MEAN SEA LEVEL
STATION NO. 844-7930
WOODS HOLE, MA
0.9
0.5
0.1
-0.3
-0.7
-1.1
1920
1935
1950
1965
1980
YEAR

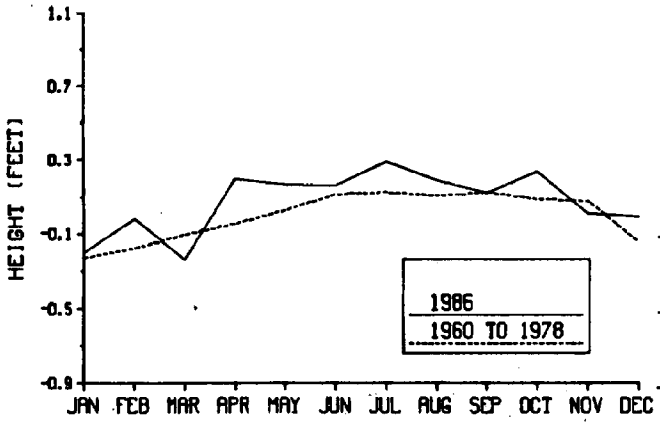
MONTHLY MEAN SEA LEVEL
STATION NO. 845-2660
NEWPORT, RI



YEARLY MEAN SEA LEVEL
STATION NO. 845-2660
NEWPORT, RI



MONTHLY MEAN SEA LEVEL
STATION NO. 845-4000
PROVIDENCE, RI



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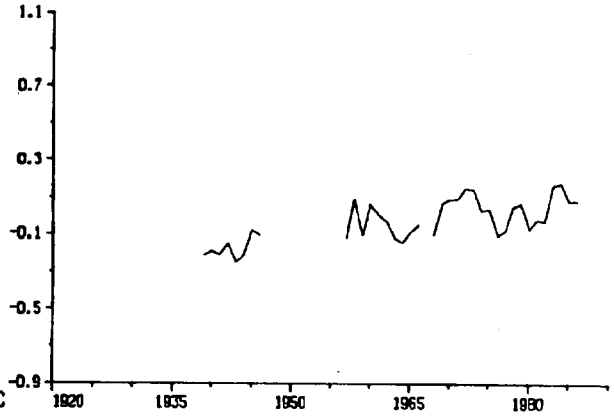
PROVIDENCE, RI



MONTHLY MEAN SEA LEVEL
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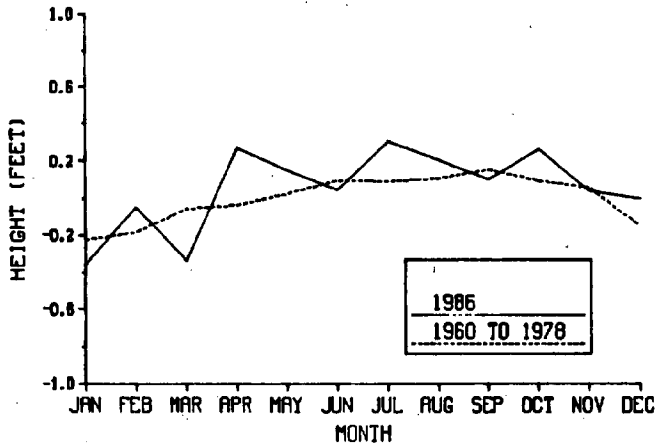
NEW LONDON, CT



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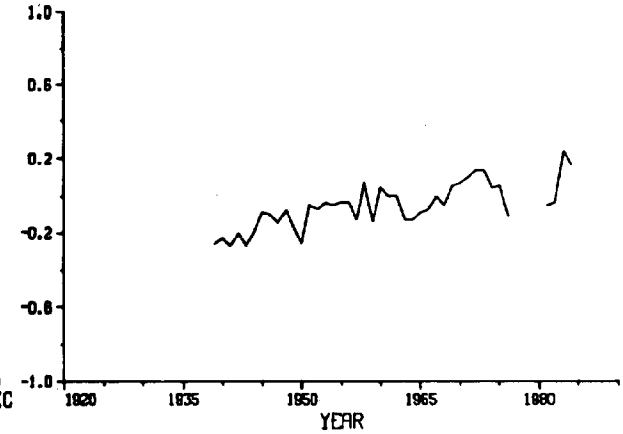

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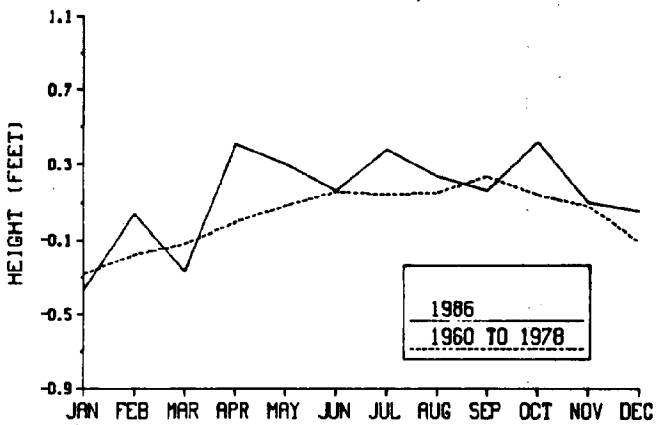
BRIDGEPORT, CT



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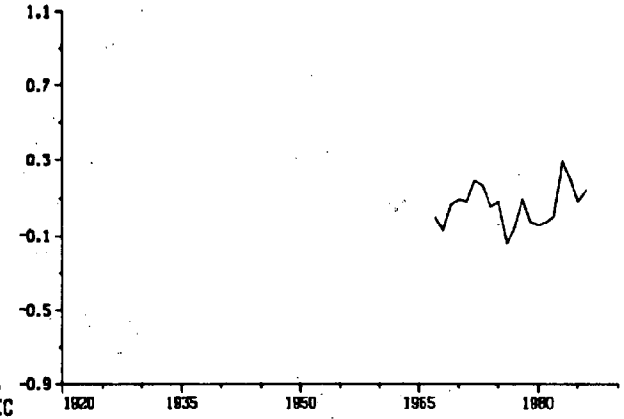
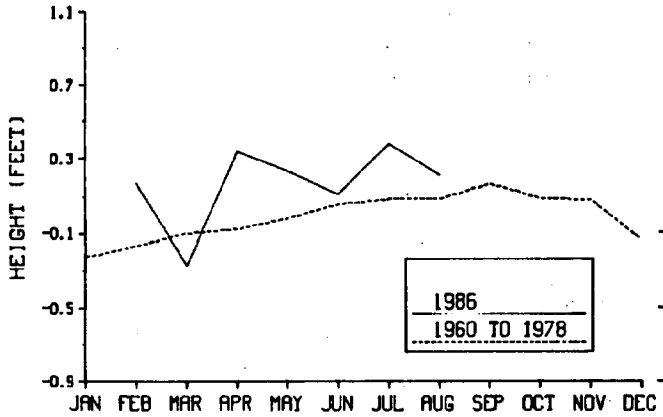
BRIDGEPORT, CT



MONTHLY MEAN SEA LEVEL
STATION NO. 851-0560
MONTAUK, NY



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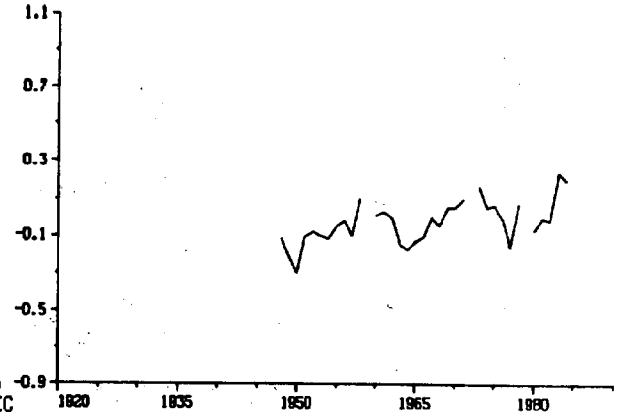
MONTAUK, NY



MONTHLY MEAN SEA LEVEL
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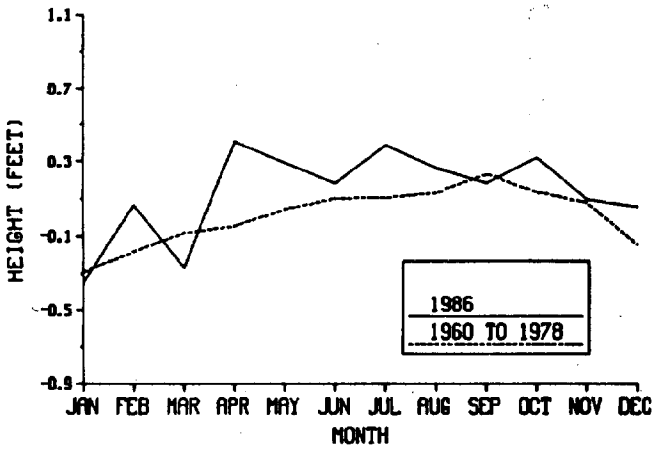
PORT JEFFERSON, NY



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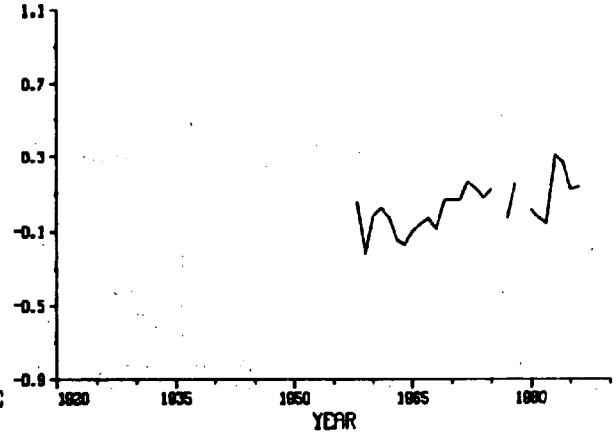
STATION NO. 851-4560
PORT JEFFERSON, NY



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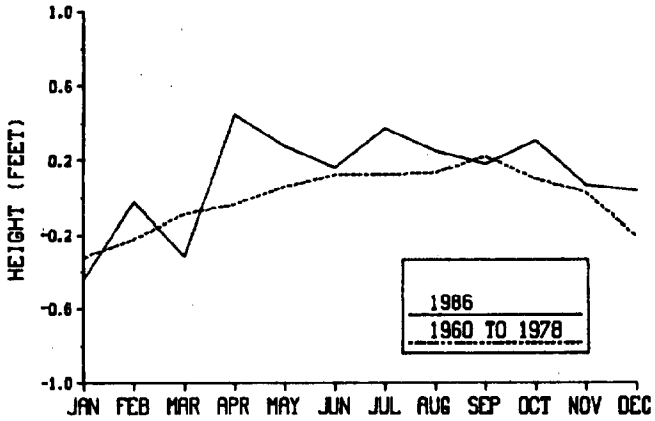
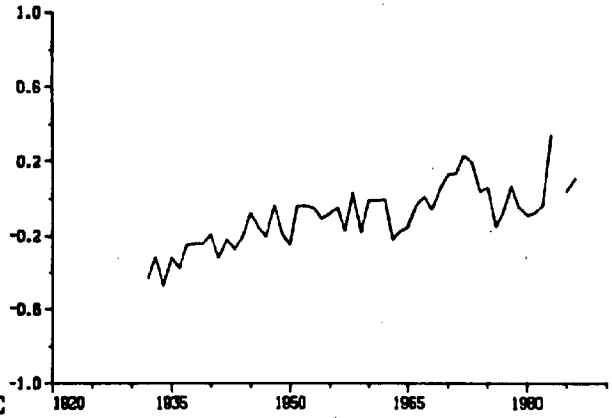
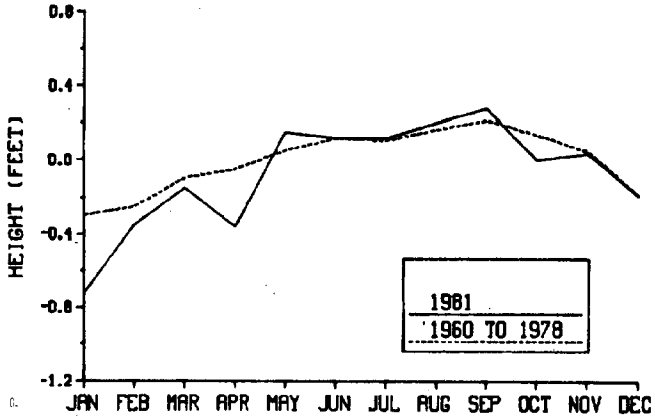
WILLETS POINT, NY



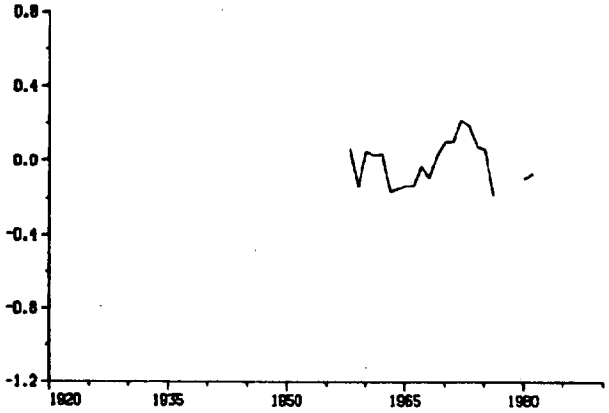
YEARLY MEAN SEA LEVEL
STATION NO. 851-6990
WILLETS POINT, NY



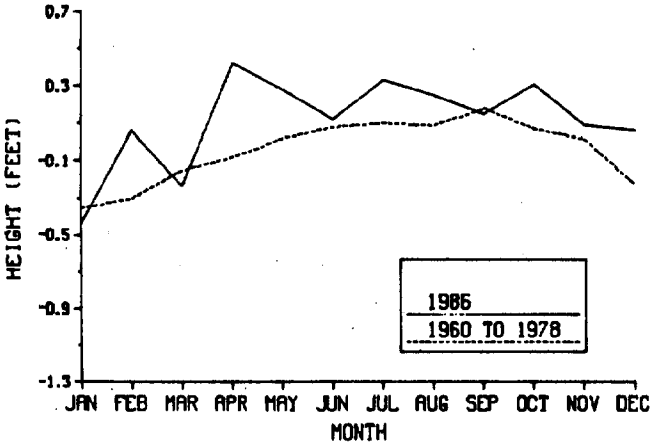
MONTHLY MEAN SEA LEVEL
STATION NO. 851-8490
NEW ROCHELLE, NY



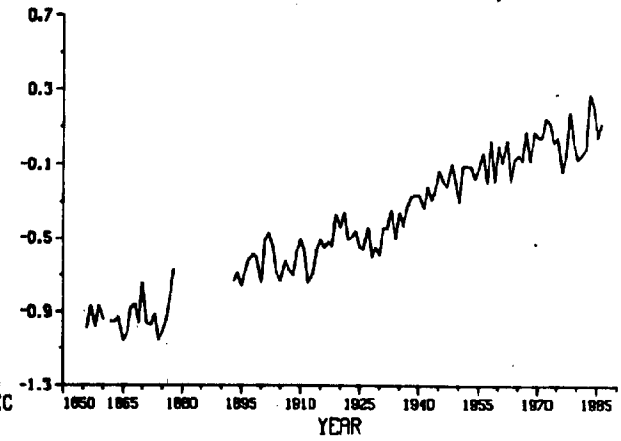
YEARLY MEAN SEA LEVEL
STATION NO. 851-8490
NEW ROCHELLE, NY



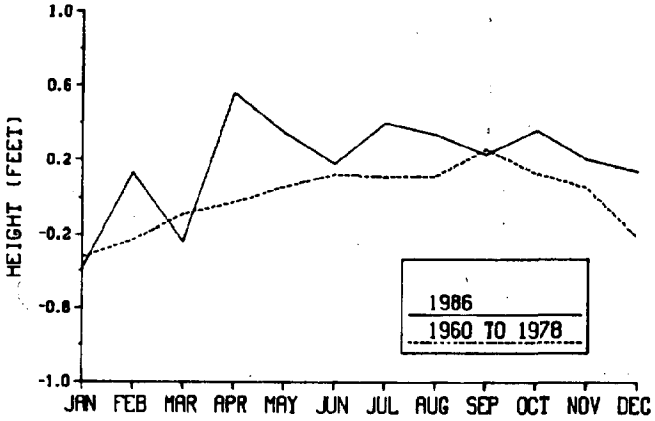
MONTHLY MEAN SEA LEVEL
STATION NO. 851-8750
NEW YORK (THE BATTERY), NY



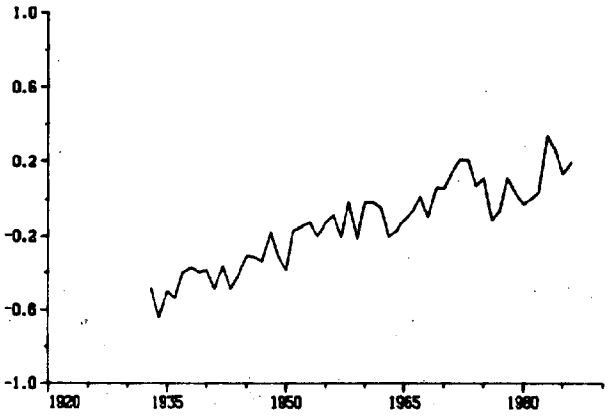
YEARLY MEAN SEA LEVEL
STATION NO. 851-8750
NEW YORK (THE BATTERY), NY



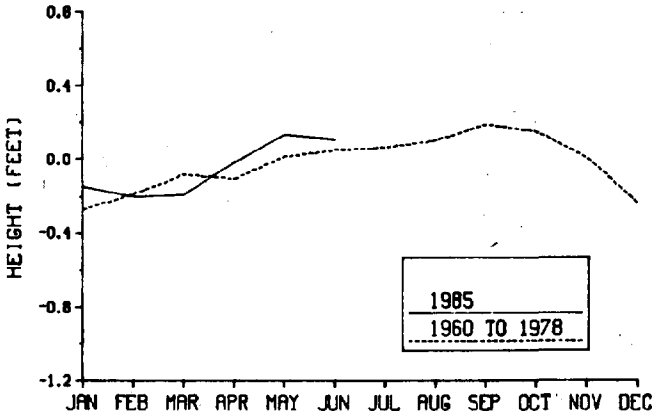
MONTHLY MEAN SEA LEVEL
STATION NO. 853-1680
SANDY HOOK, NJ



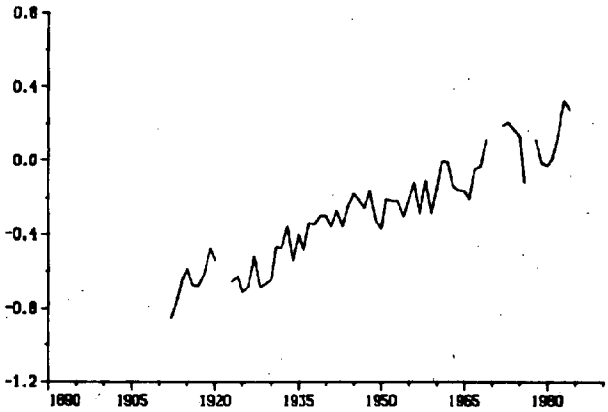
YEARLY MEAN SEA LEVEL
STATION NO. 853-1680
SANDY HOOK, NJ



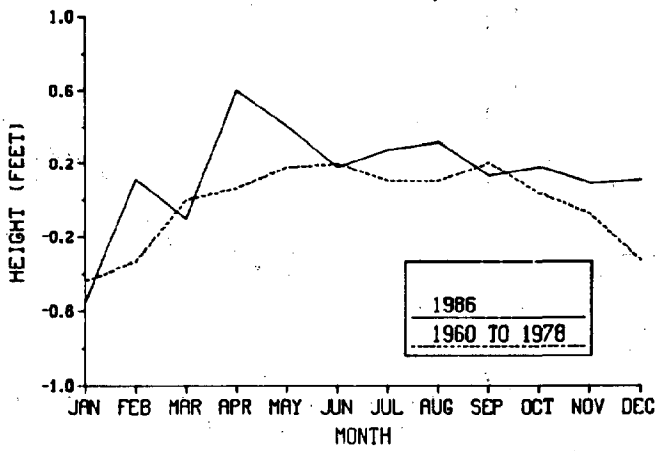
MONTHLY MEAN SEA LEVEL
STATION NO. 853-4720
ATLANTIC CITY, NJ



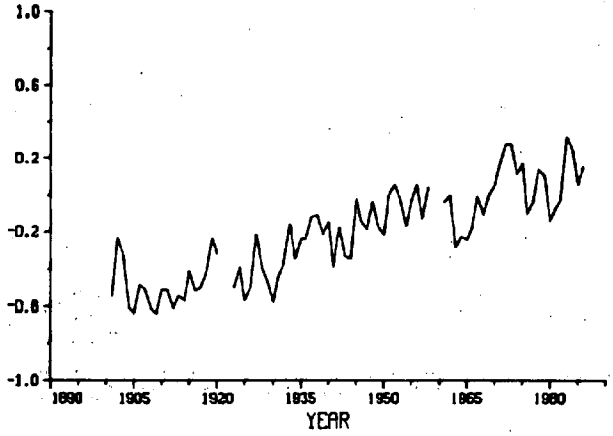
YEARLY MEAN SEA LEVEL
STATION NO. 853-4720
ATLANTIC CITY, NJ



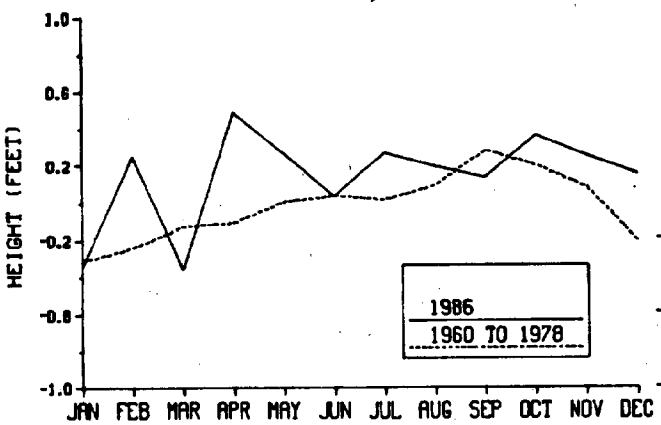
MONTHLY MEAN SEA LEVEL
STATION NO. 854-5530
PHILADELPHIA, PA



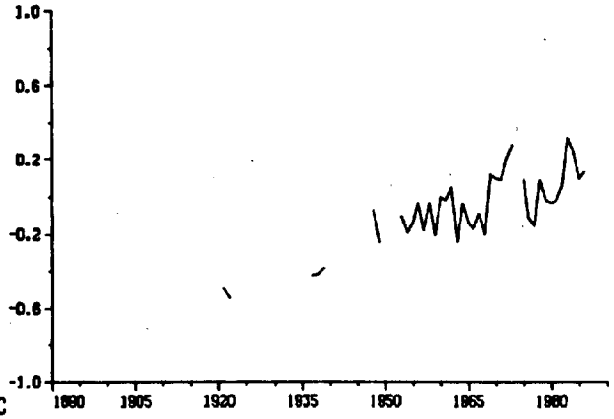
YEARLY MEAN SEA LEVEL
STATION NO. 854-5530
PHILADELPHIA, PA



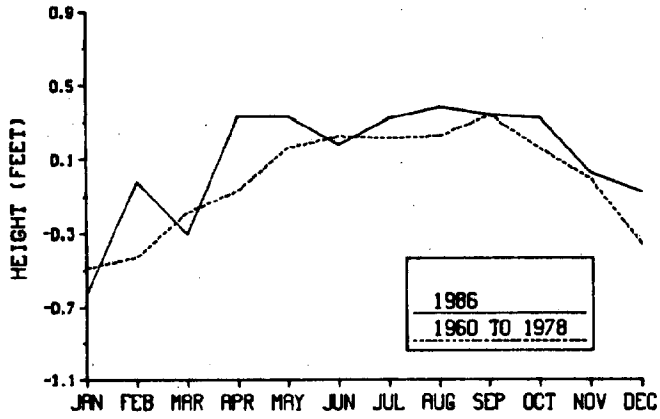
MONTHLY MEAN SEA LEVEL
STATION NO. 855-7380
LEWES, DE



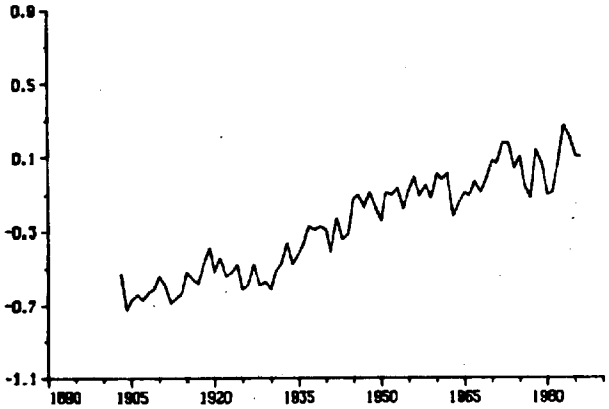
YEARLY MEAN SEA LEVEL
STATION NO. 855-7380
LEWES, DE



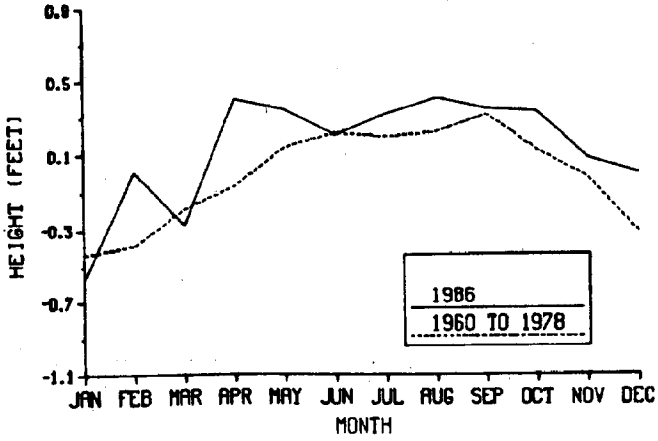
MONTHLY MEAN SEA LEVEL
STATION NO. 857-4680
BALTIMORE, MD



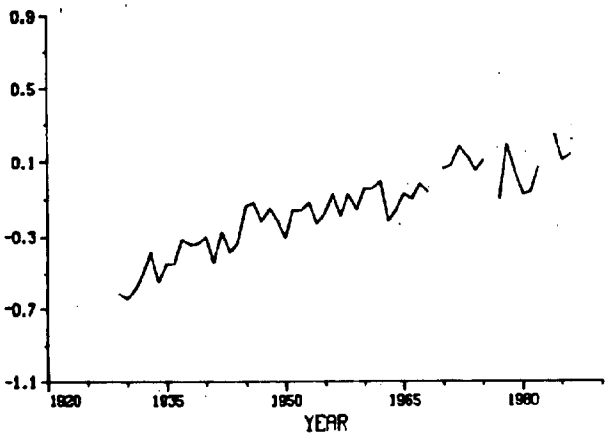
YEARLY MEAN SEA LEVEL
STATION NO. 857-4680
BALTIMORE, MD

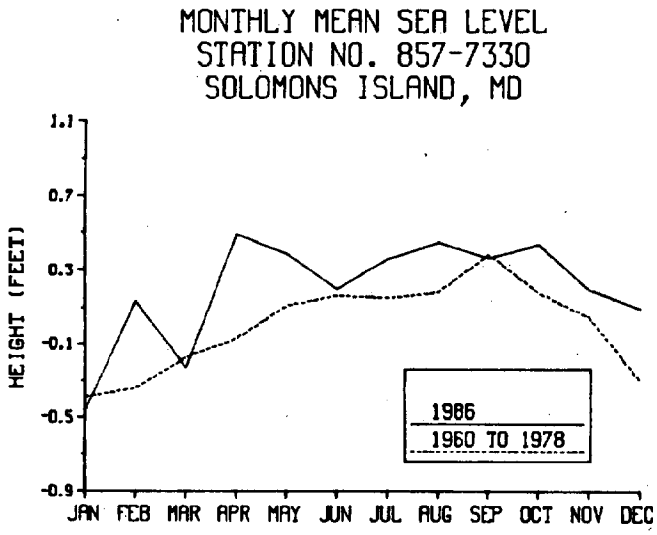


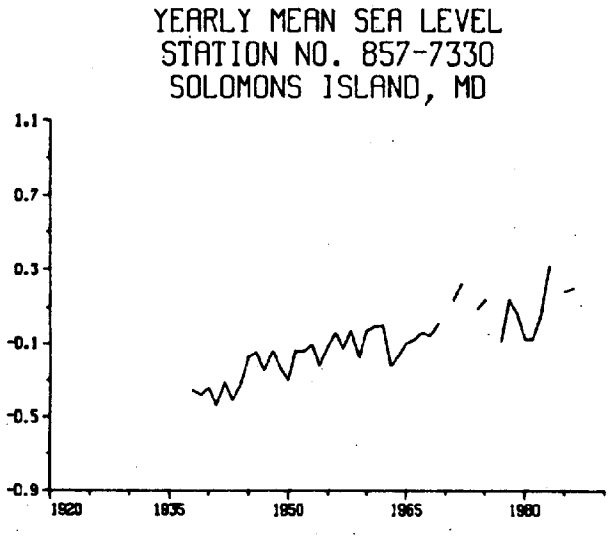
MONTHLY MEAN SEA LEVEL
STATION NO. 857-5512
ANNAPOLIS, MD

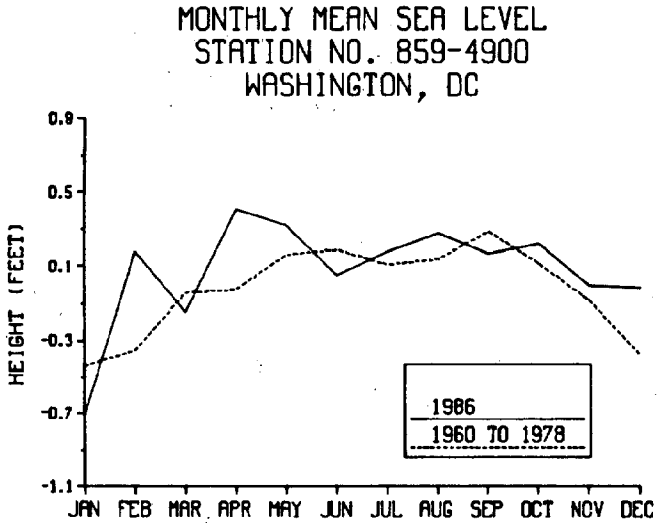


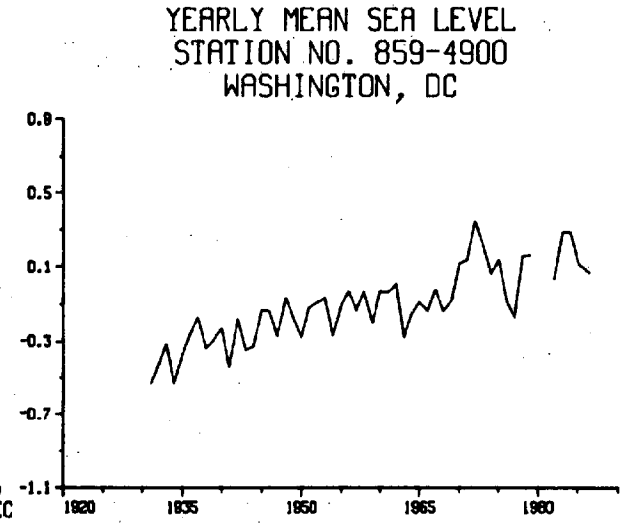
YEARLY MEAN SEA LEVEL
STATION NO. 857-5512
ANNAPOLIS, MD

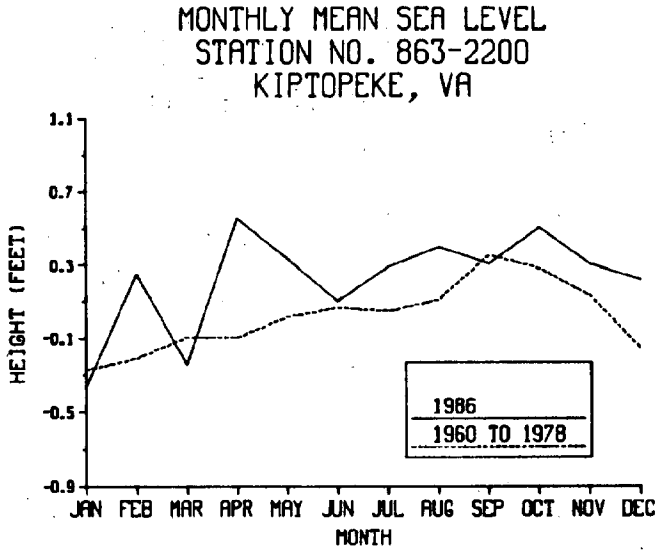


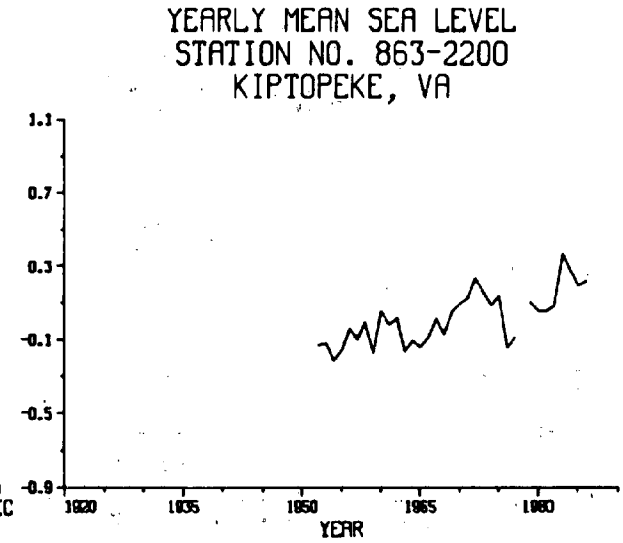

MONTHLY MEAN SEA LEVEL
STATION NO. 857-7330
SOLOMONS ISLAND, MD
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1986
1960 TO 1978


YEARLY MEAN SEA LEVEL
STATION NO. 857-7330
SOLOMONS ISLAND, MD
1.1
0.7
0.3
-0.1
-0.5
-0.9
1920 1935 1950 1965 1980

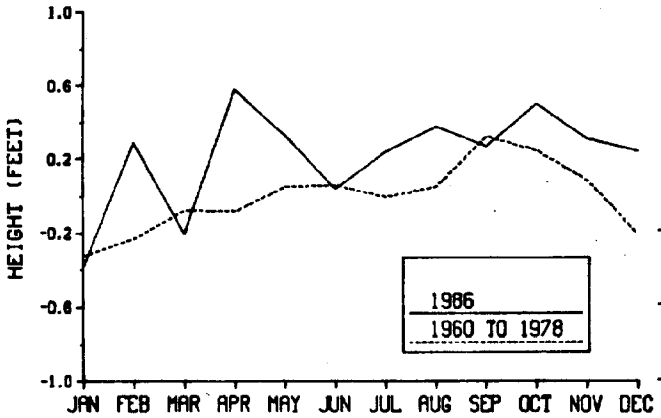

MONTHLY MEAN SEA LEVEL
STATION NO. 859-4900
WASHINGTON, DC
HEIGHT (FEET)
0.9
0.5
0.1
-0.3
-0.7
-1.1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1986
1960 TO 1978


YEARLY MEAN SEA LEVEL
STATION NO. 859-4900
WASHINGTON, DC
0.9
0.5
0.1
-0.3
-0.7
-1.1
1920 1935 1950 1965 1980

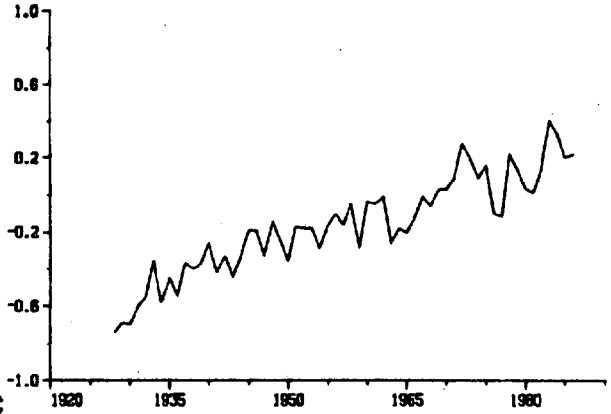

MONTHLY MEAN SEA LEVEL
STATION NO. 863-2200
KIPTOPEKE, VA
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH
1986
1960 TO 1978


YEARLY MEAN SEA LEVEL
STATION NO. 863-2200
KIPTOPEKE, VA
1.1
0.7
0.3
-0.1
-0.5
-0.9
1920 1935 1950 1965 1980
YEAR

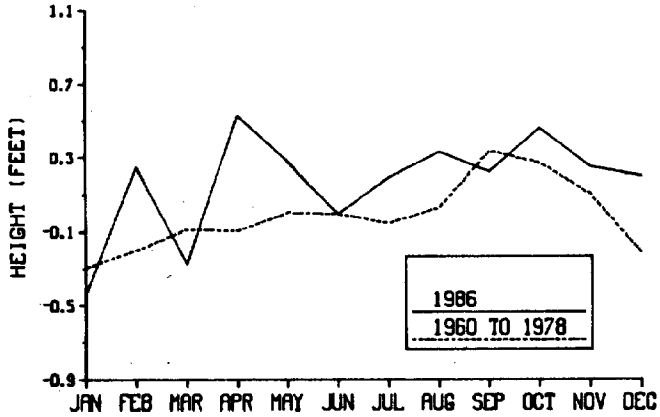
MONTHLY MEAN SEA LEVEL
STATION NO. 863-8610
HAMPTON RDS. (NORFOLK), VA



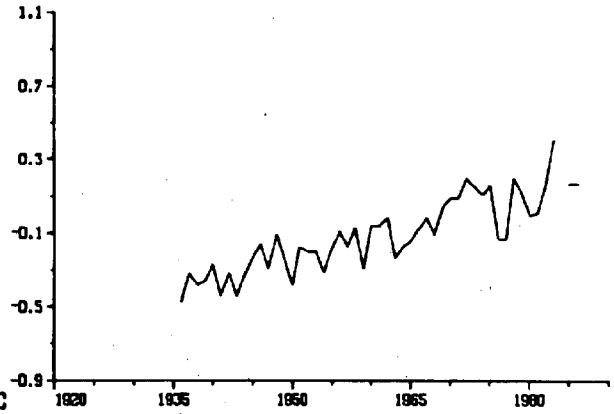
YEARLY MEAN SEA LEVEL
STATION NO. 863-8610
HAMPTON RDS. (NORFOLK), VA



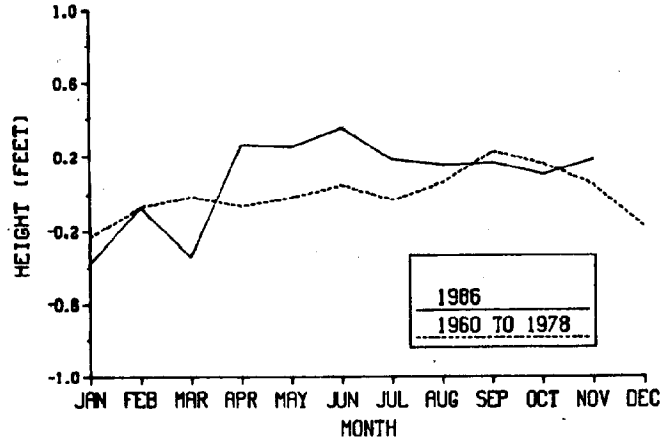
MONTHLY MEAN SEA LEVEL
STATION NO. 863-8660
PORTSMOUTH, VA



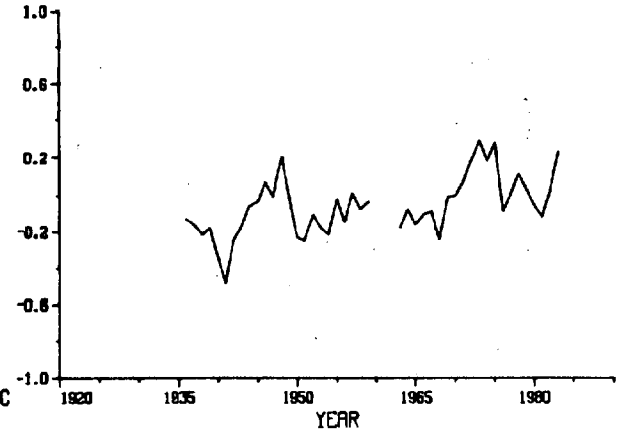
YEARLY MEAN SEA LEVEL
STATION NO. 863-8660
PORTSMOUTH, VA



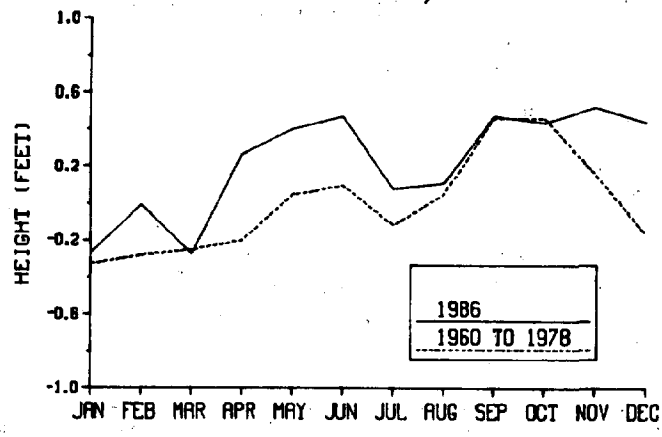
MONTHLY MEAN SEA LEVEL
STATION NO. 865-8120
WILMINGTON, NC



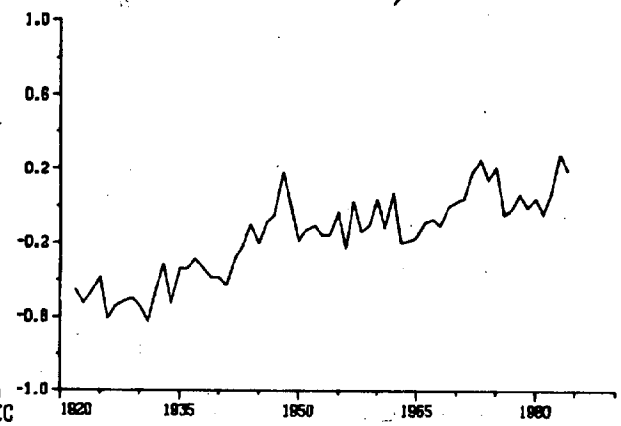
YEARLY MEAN SEA LEVEL
STATION NO. 865-8120
WILMINGTON, NC



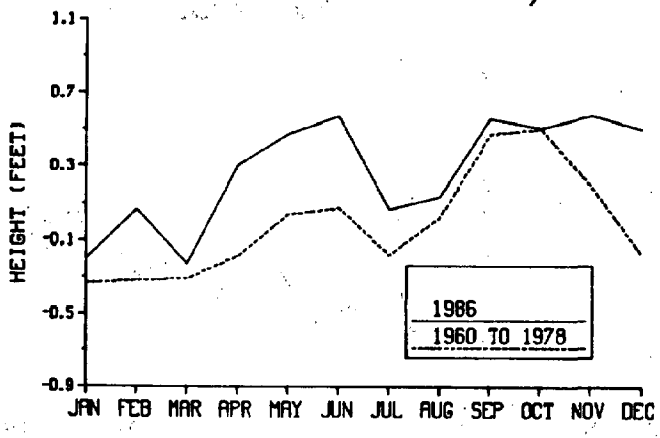
MONTHLY MEAN SEA LEVEL
STATION NO. 866-5530
CHARLESTON, SC



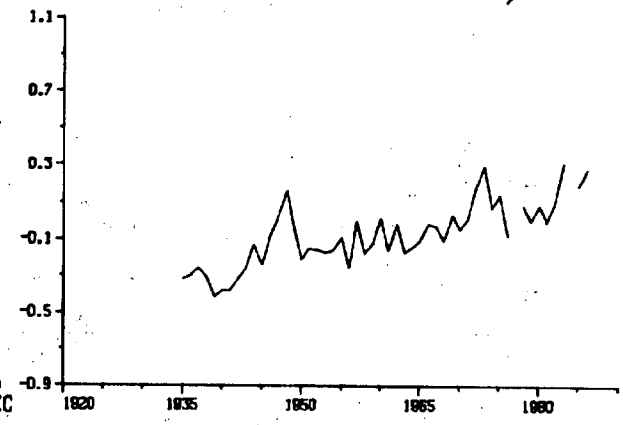
YEARLY MEAN SEA LEVEL
STATION NO. 866-5530
CHARLESTON, SC



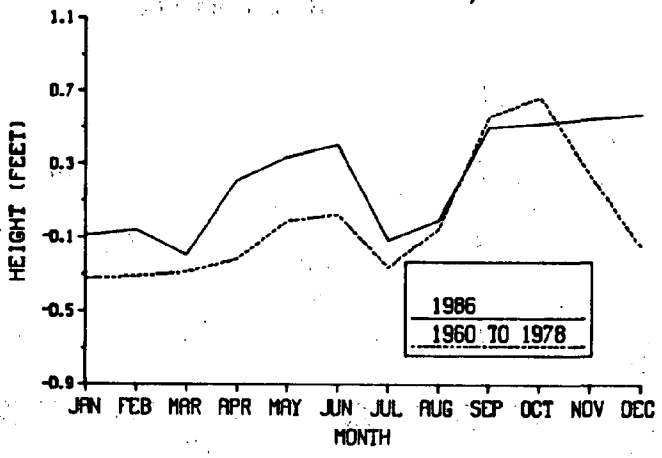
MONTHLY MEAN SEA LEVEL
STATION NO. 867-0870
FORT PULASKI (SAVANNAH), GA



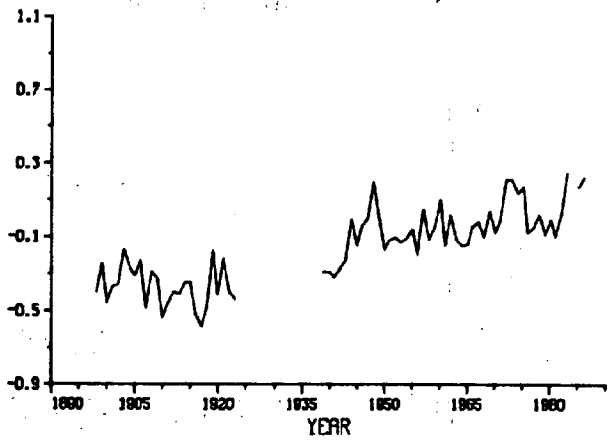
YEARLY MEAN SEA LEVEL
STATION NO. 867-0870
FORT PULASKI (SAVANNAH), GA

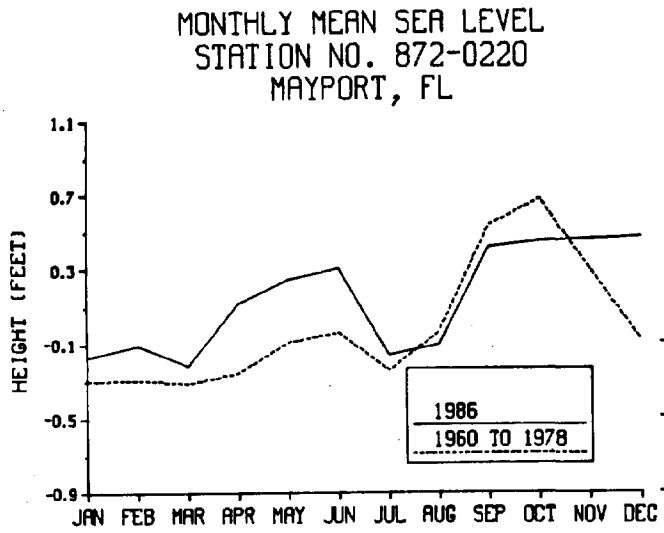


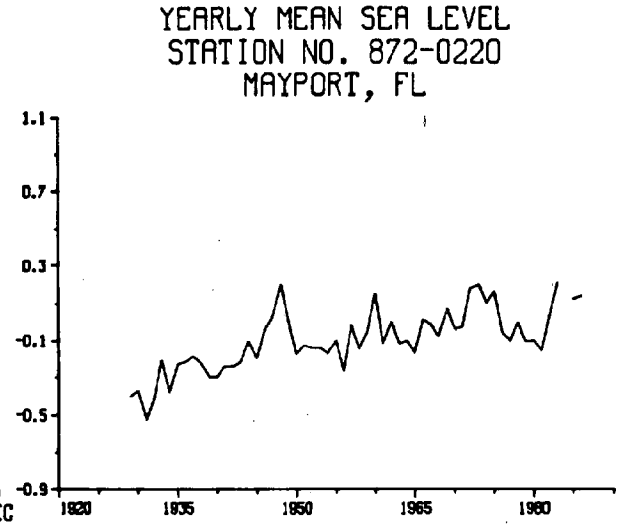
MONTHLY MEAN SEA LEVEL
STATION NO. 872-0030
FERNANDINA BEACH, FL

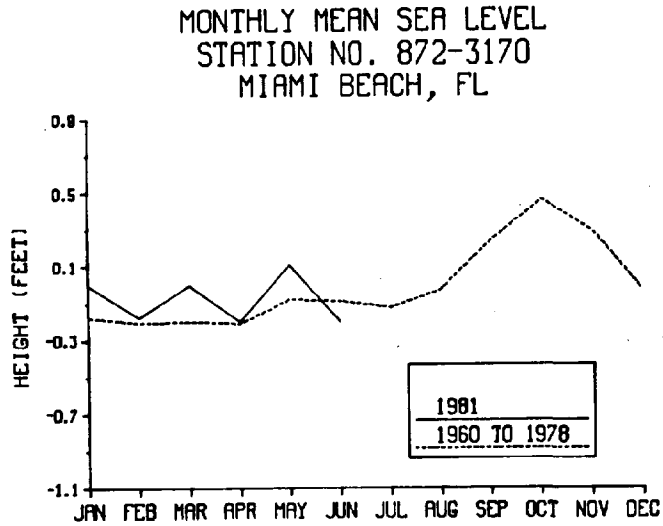


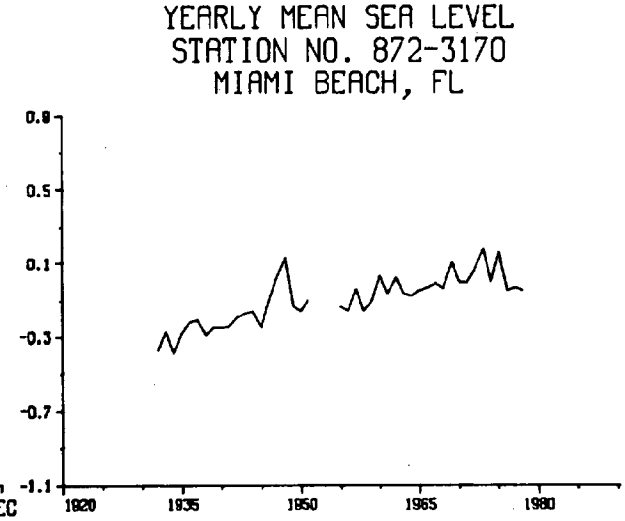
YEARLY MEAN SEA LEVEL
STATION NO. 872-0030
FERNANDINA BEACH, FL

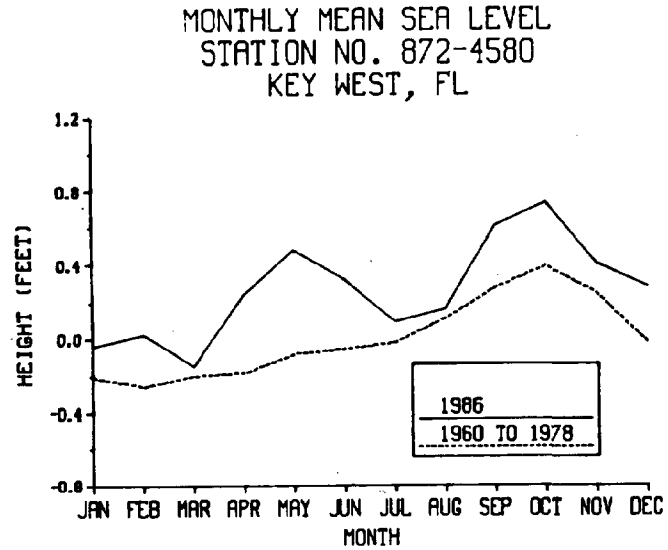


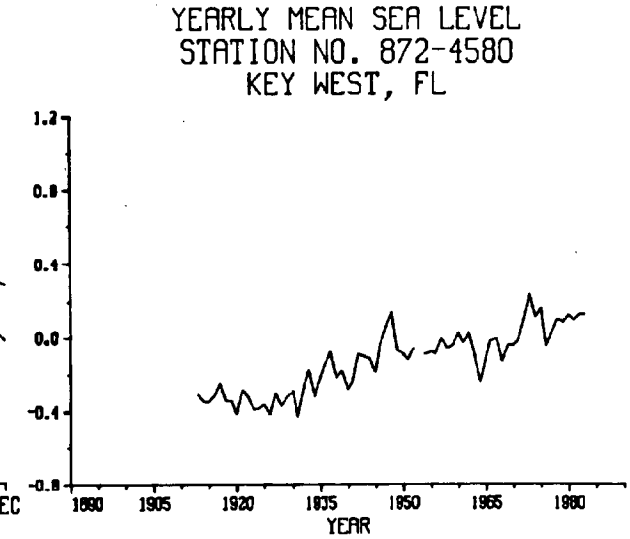

MONTHLY MEAN SEA LEVEL
STATION NO. 872-0220
MAYPORT, FL
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1986
1960 TO 1978

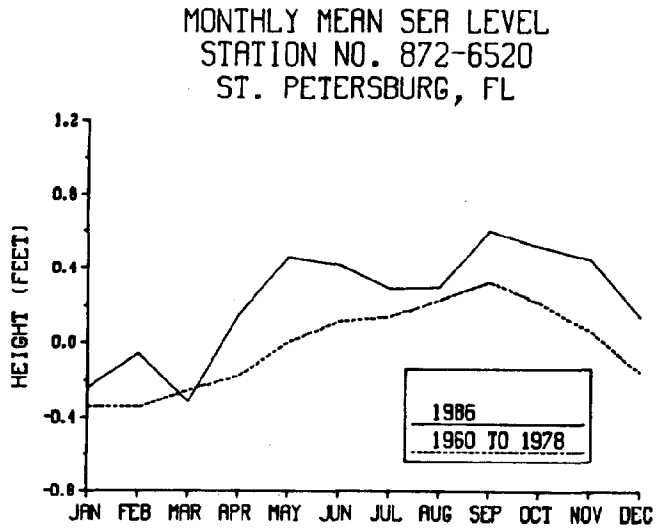

YEARLY MEAN SEA LEVEL
STATION NO. 872-0220
MAYPORT, FL
1.1
0.7
0.3
-0.1
-0.5
-0.9
1920 1935 1950 1965 1980

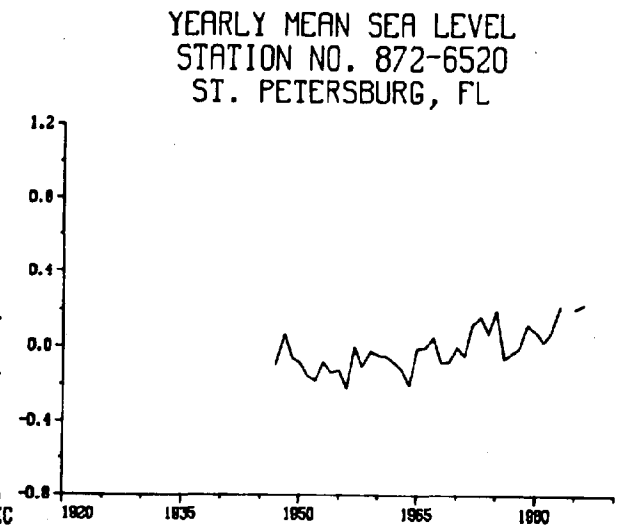

MONTHLY MEAN SEA LEVEL
STATION NO. 872-3170
MIAMI BEACH, FL
HEIGHT (FEET)
0.9
0.5
0.1
-0.3
-0.7
-1.1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1981
1960 TO 1978

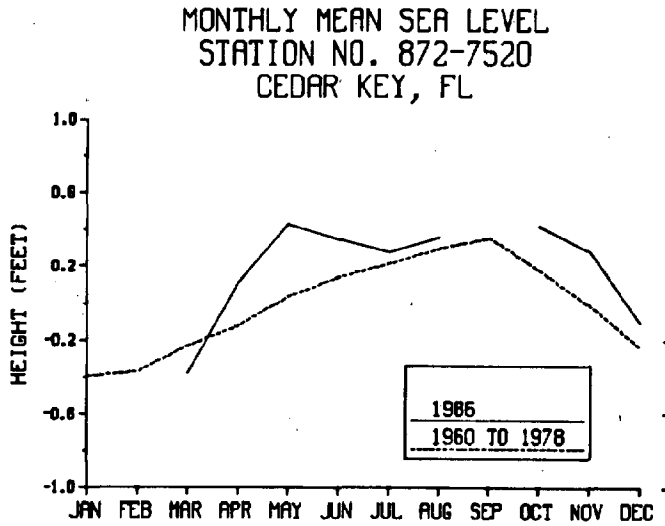

YEARLY MEAN SEA LEVEL
STATION NO. 872-3170
MIAMI BEACH, FL
0.9
0.5
0.1
-0.3
-0.7
-1.1
1920 1935 1950 1965 1980

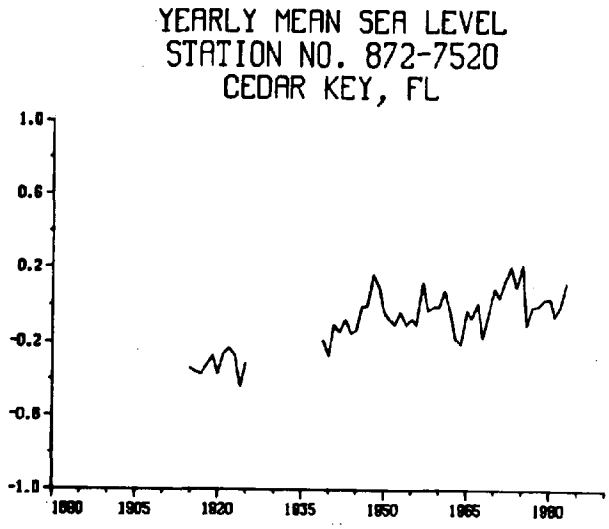

MONTHLY MEAN SEA LEVEL
STATION NO. 872-4580
KEY WEST, FL
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH
1986
1960 TO 1978

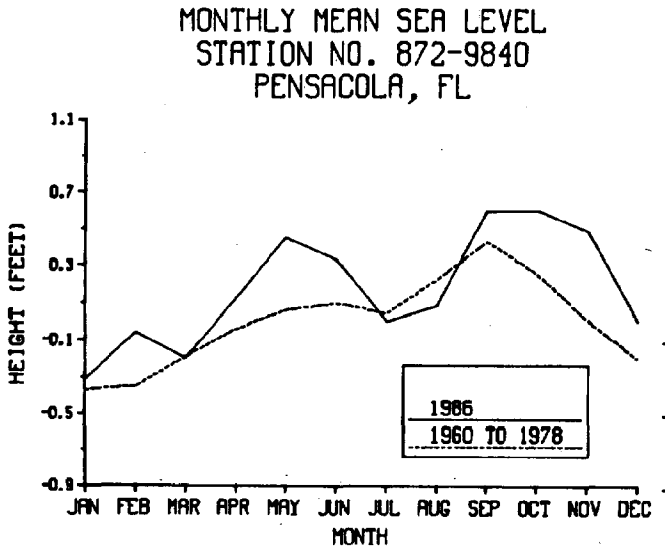

YEARLY MEAN SEA LEVEL
STATION NO. 872-4580
KEY WEST, FL
1.2
0.8
0.4
0.0
-0.4
-0.8
1890 1905 1920 1935 1950 1965 1980
YEAR

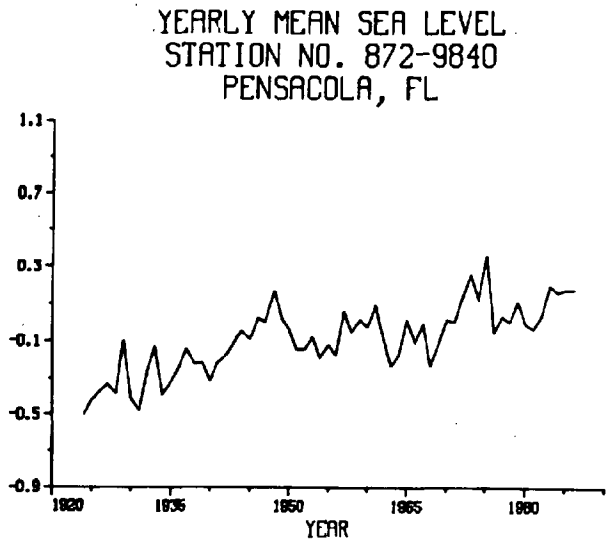

MONTHLY MEAN SEA LEVEL
STATION NO. 872-6520
ST. PETERSBURG, FL
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1986
1960 TO 1978

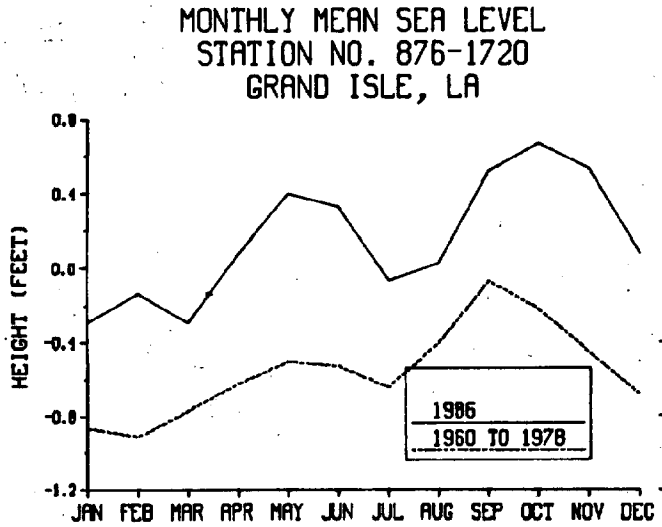

YEARLY MEAN SEA LEVEL
STATION NO. 872-6520
ST. PETERSBURG, FL
1.2
0.8
0.4
0.0
-0.4
-0.8
1920 1935 1950 1965 1980

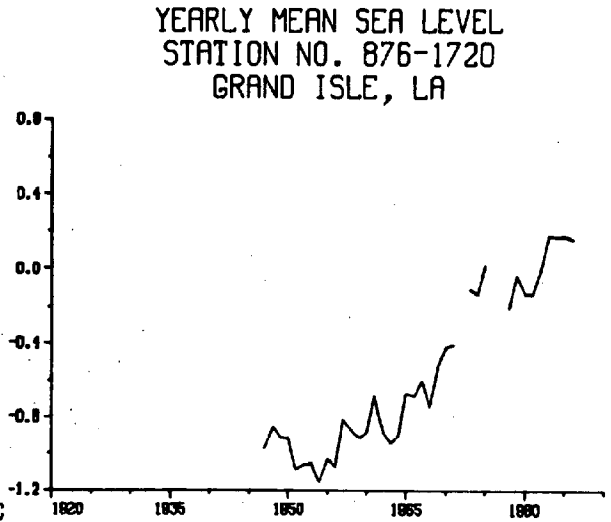

MONTHLY MEAN SEA LEVEL
STATION NO. 872-7520
CEDAR KEY, FL
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1986
1960 TO 1978

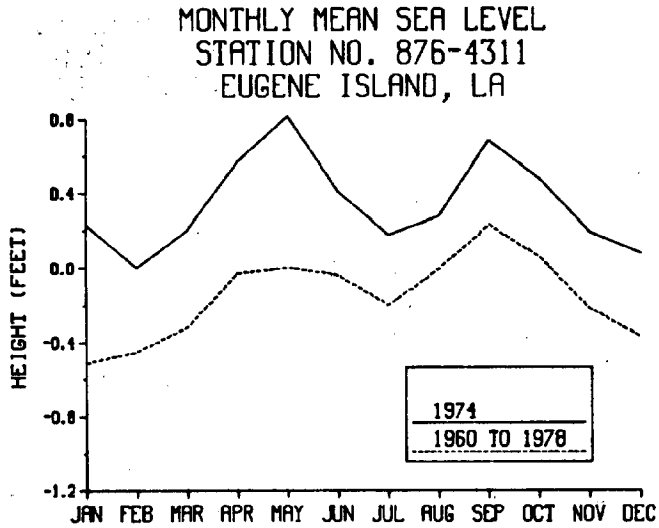

YEARLY MEAN SEA LEVEL
STATION NO. 872-7520
CEDAR KEY, FL
1.0
0.6
0.2
-0.2
-0.6
-1.0
1890 1905 1920 1935 1950 1965 1980

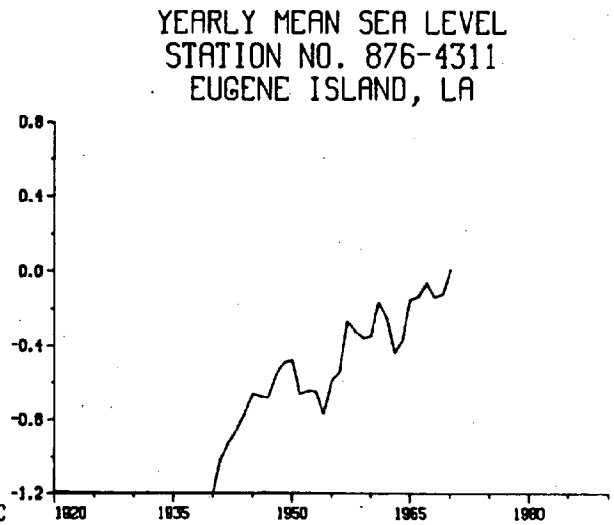

MONTHLY MEAN SEA LEVEL
STATION NO. 872-9840
PENSACOLA, FL
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH
1986
1960 TO 1978

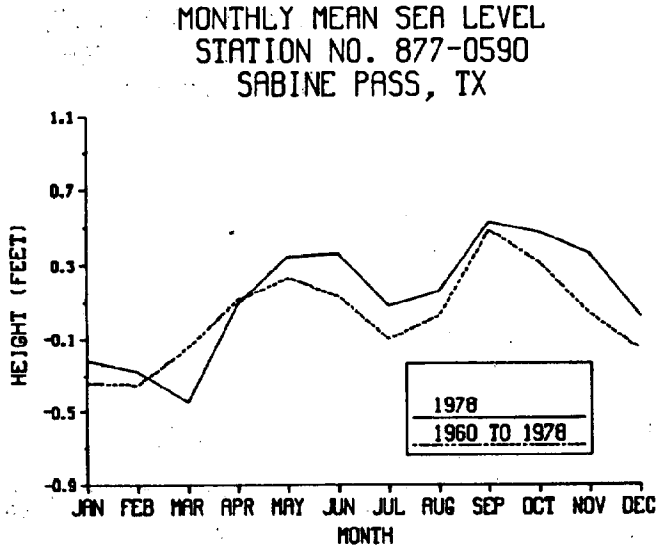

YEARLY MEAN SEA LEVEL
STATION NO. 872-9840
PENSACOLA, FL
1.1
0.7
0.3
-0.1
-0.5
-0.9
1920 1935 1950 1965 1980
YEAR

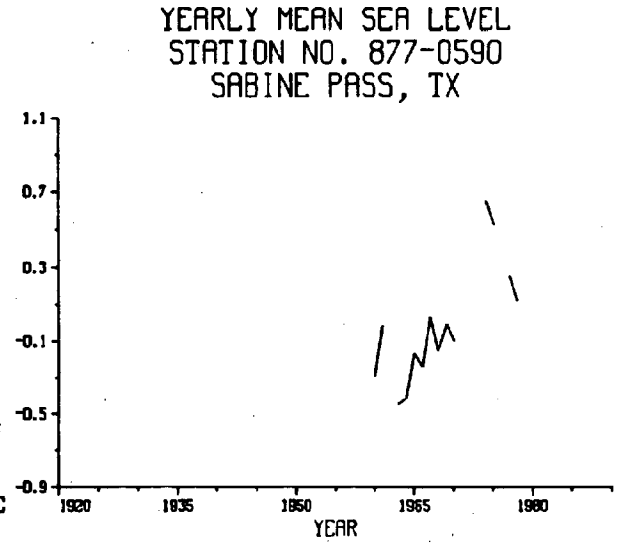

MONTHLY MEAN SEA LEVEL
STATION NO. 876-1720
GRAND ISLE, LA
HEIGHT (FEET)
0.8
0.4
0.0
-0.4
-0.8
-1.2
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

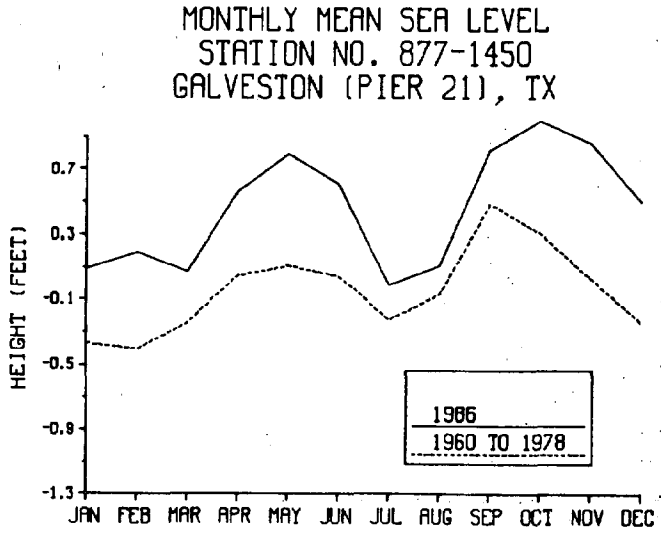

YEARLY MEAN SEA LEVEL
STATION NO. 876-1720
GRAND ISLE, LA
0.8
0.4
0.0
-0.4
-0.8
-1.2
1920
1935
1950
1965
1980

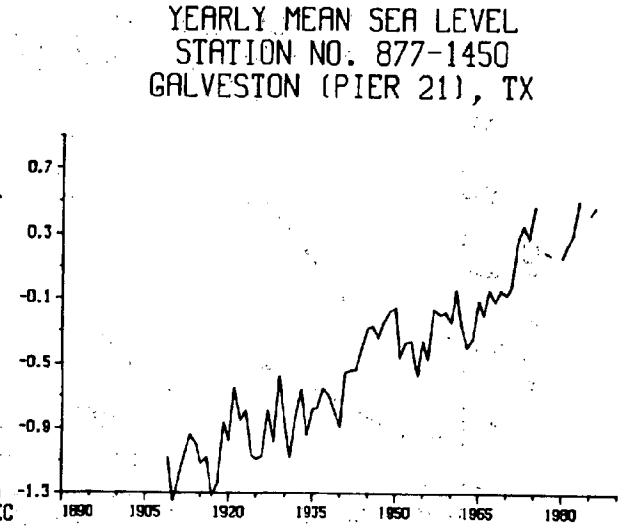

MONTHLY MEAN SEA LEVEL
STATION NO. 876-4311
EUGENE ISLAND, LA
HEIGHT (FEET)
0.8
0.4
0.0
-0.4
-0.8
-1.2
1974
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

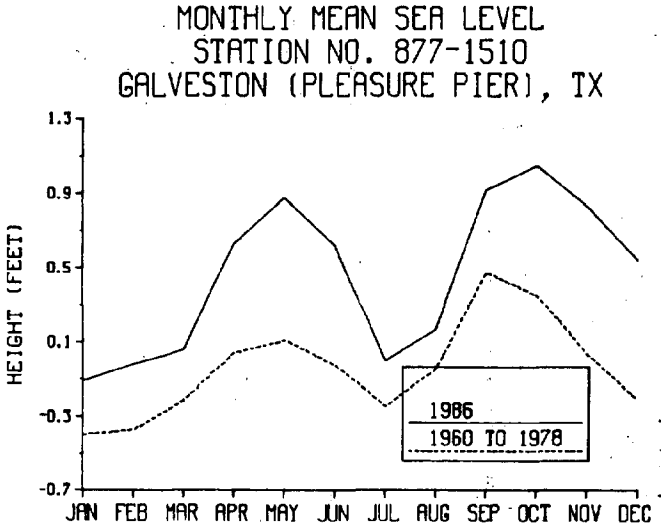

YEARLY MEAN SEA LEVEL
STATION NO. 876-4311
EUGENE ISLAND, LA
0.8
0.4
0.0
-0.4
-0.8
-1.2
1920
1935
1950
1965
1980

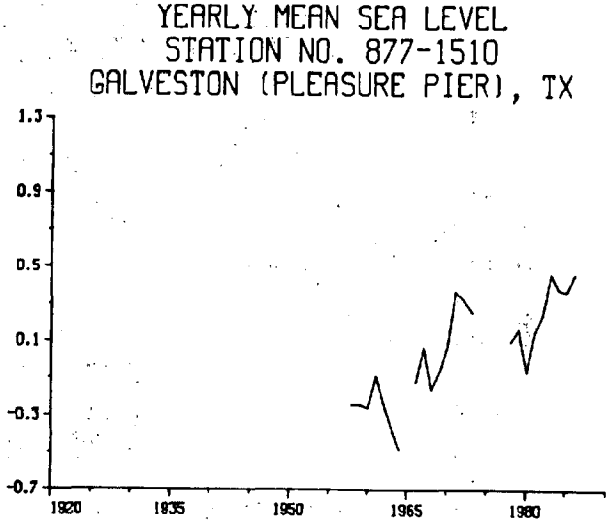

MONTHLY MEAN SEA LEVEL
STATION NO. 877-0590
SABINE PASS, TX
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1978
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

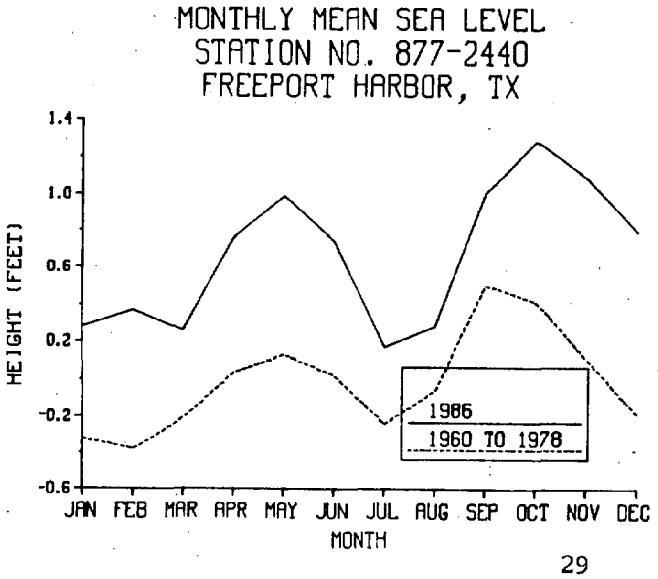

YEARLY MEAN SEA LEVEL
STATION NO. 877-0590
SABINE PASS, TX
1.1
0.7
0.3
-0.1
-0.5
-0.9
1920
1935
1950
1965
1980
YEAR

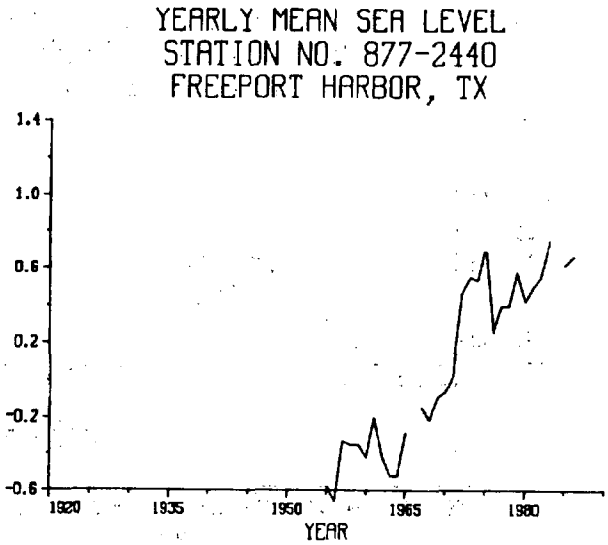

MONTHLY MEAN SEA LEVEL
STATION NO. 877-1450
GALVESTON (PIER 21), TX
HEIGHT (FEET)
0.7
0.3
-0.1
-0.5
-0.9
-1.3
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


YEARLY MEAN SEA LEVEL
STATION NO. 877-1450
GALVESTON (PIER 21), TX
0.7
0.3
-0.1
-0.5
-0.9
-1.3
1890 1905 1920 1935 1950 1965 1980

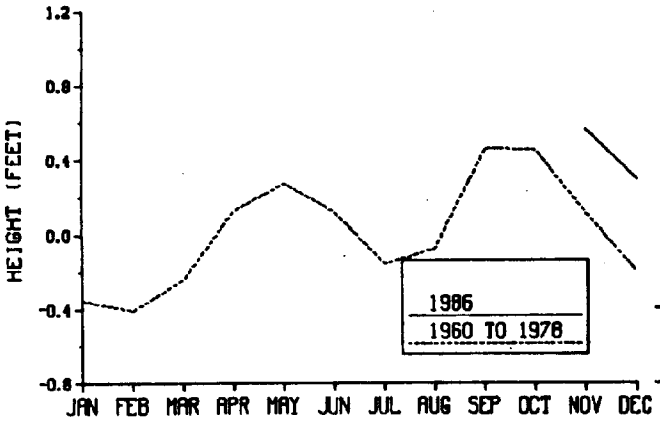

MONTHLY MEAN SEA LEVEL
STATION NO. 877-1510
GALVESTON (PLEASURE PIER), TX
HEIGHT (FEET)
1.3
0.9
0.5
0.1
-0.3
-0.7
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


YEARLY MEAN SEA LEVEL
STATION NO. 877-1510
GALVESTON (PLEASURE PIER), TX
1.3
0.9
0.5
0.1
-0.3
-0.7
1920 1935 1950 1965 1980

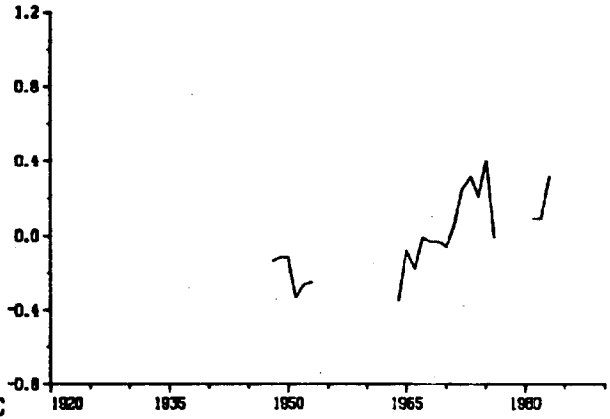

MONTHLY MEAN SEA LEVEL
STATION NO. 877-2440
FREEPORT HARBOR, TX
HEIGHT (FEET)
1.4
1.0
0.6
0.2
-0.2
-0.6
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


YEARLY MEAN SEA LEVEL
STATION NO. 877-2440
FREEPORT HARBOR, TX
1.4
1.0
0.6
0.2
-0.2
-0.6
1920 1935 1950 1965 1980
YEAR

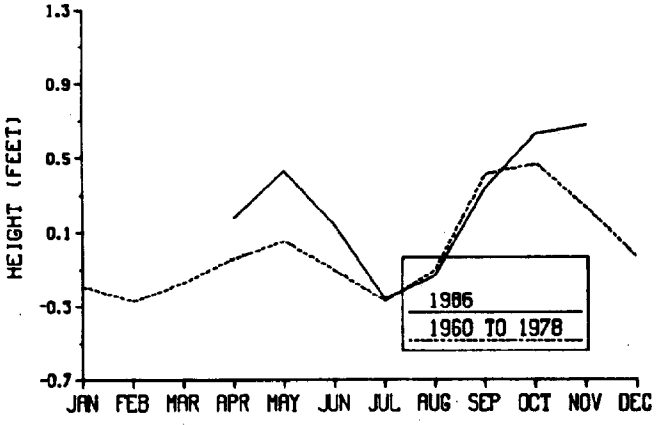
MONTHLY MEAN SEA LEVEL
STATION NO. 877-4770
ROCKPORT, TX



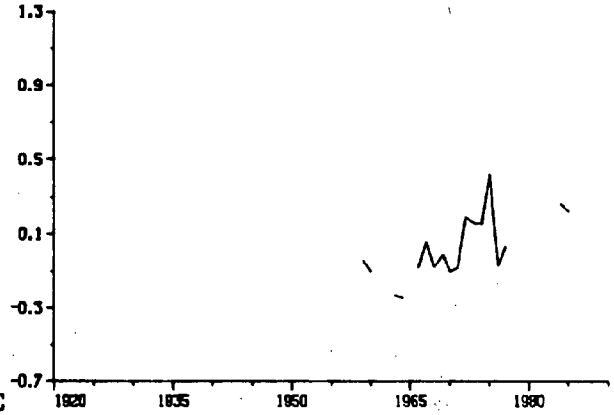
YEARLY MEAN SEA LEVEL
STATION NO. 877-4770
ROCKPORT, TX



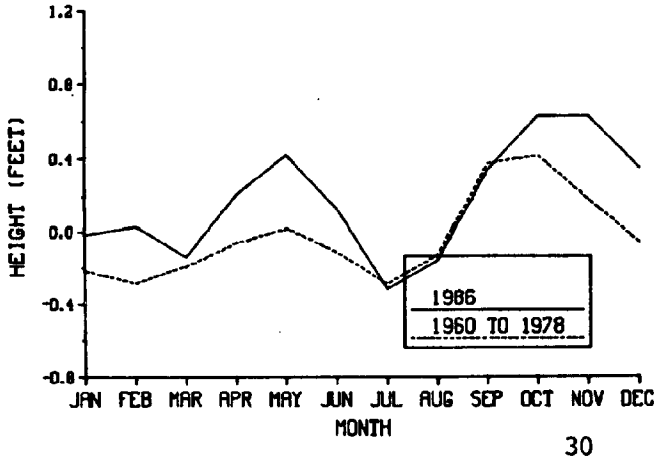
MONTHLY MEAN SEA LEVEL
STATION NO. 877-9750
SOUTH PADRE ISLAND, TX



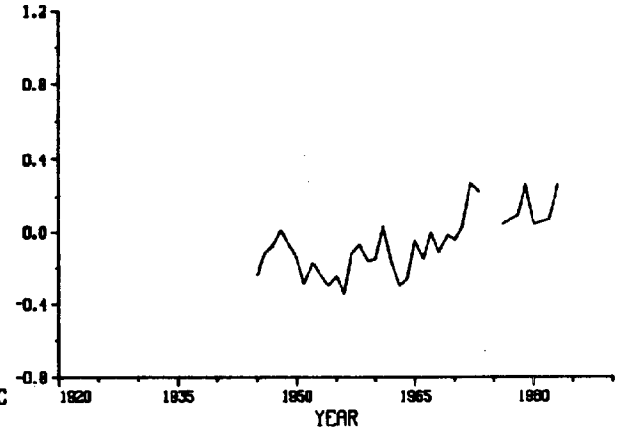
YEARLY MEAN SEA LEVEL
STATION NO. 877-9750
SOUTH PADRE ISLAND, TX

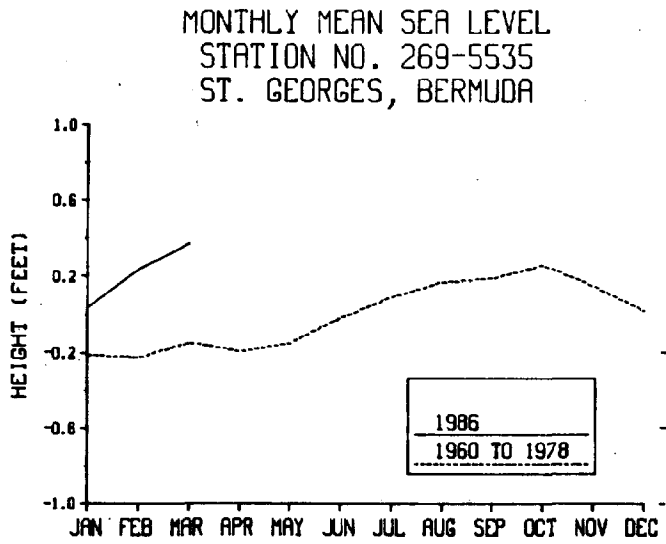


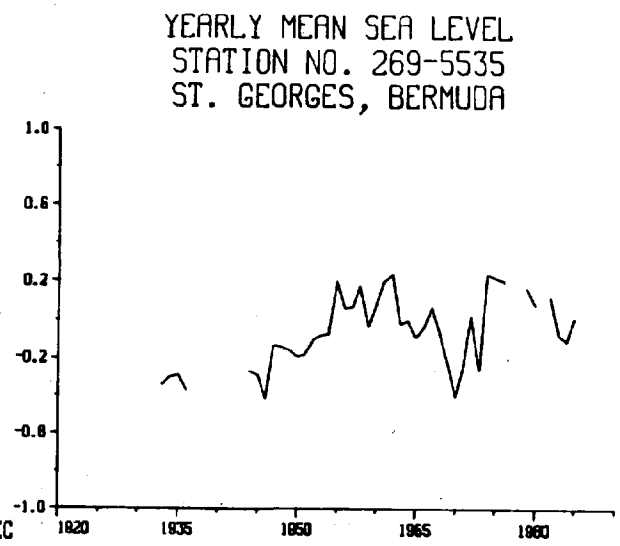
MONTHLY MEAN SEA LEVEL
STATION NO. 877-9770
PORT ISABEL, TX

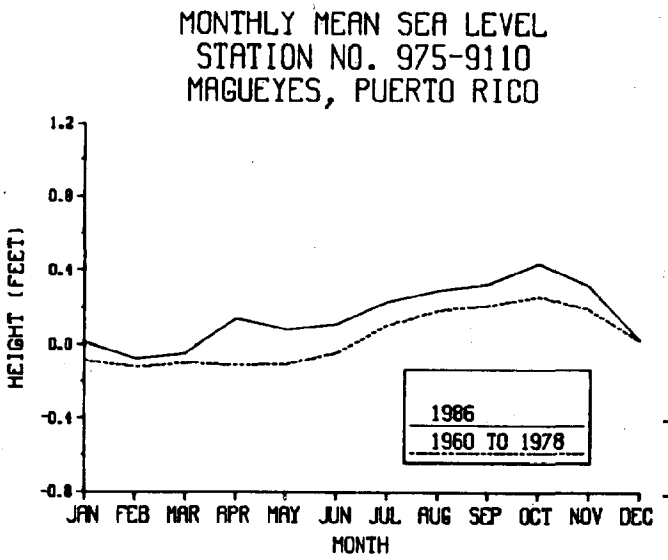


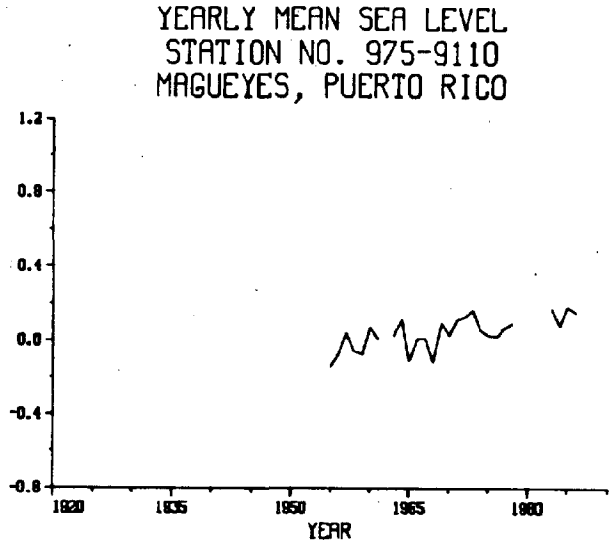
YEARLY MEAN SEA LEVEL
STATION NO. 877-9770
PORT ISABEL, TX

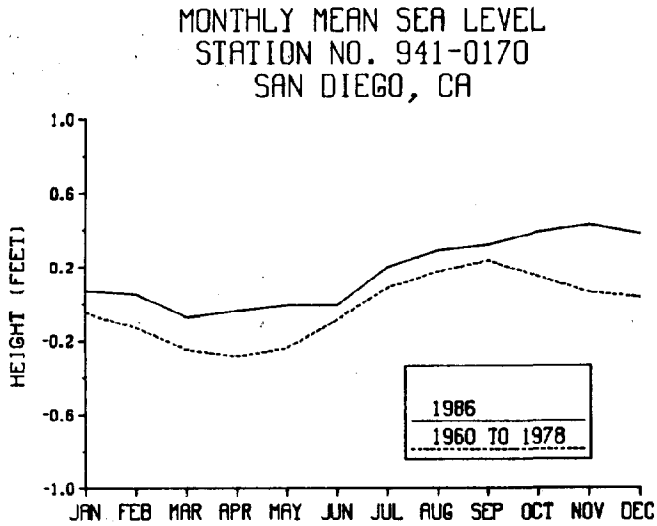


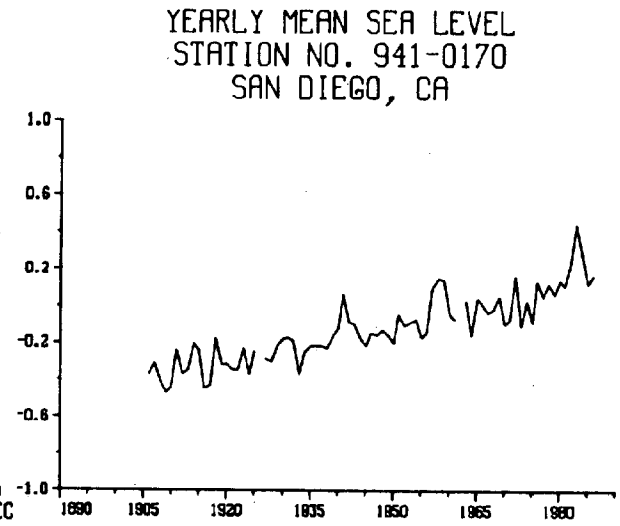

MONTHLY MEAN SEA LEVEL
STATION NO. 269-5535
ST. GEORGES, BERMUDA
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1986
1960 TO 1978

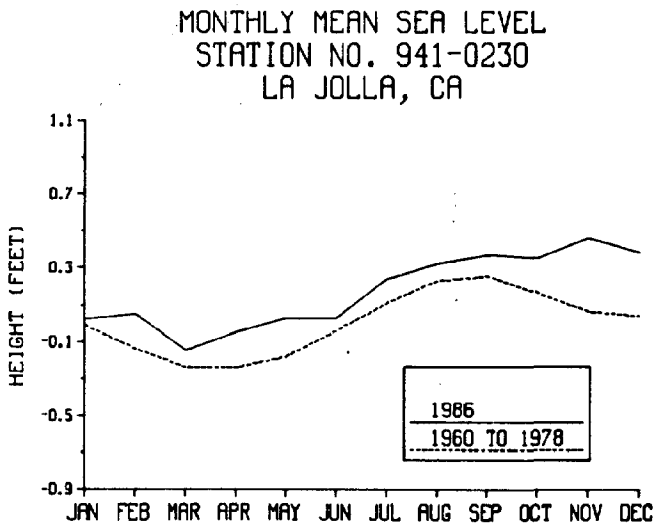

YEARLY MEAN SEA LEVEL
STATION NO. 269-5535
ST. GEORGES, BERMUDA
1.0
0.6
0.2
-0.2
-0.6
-1.0
1920
1935
1950
1965
1980

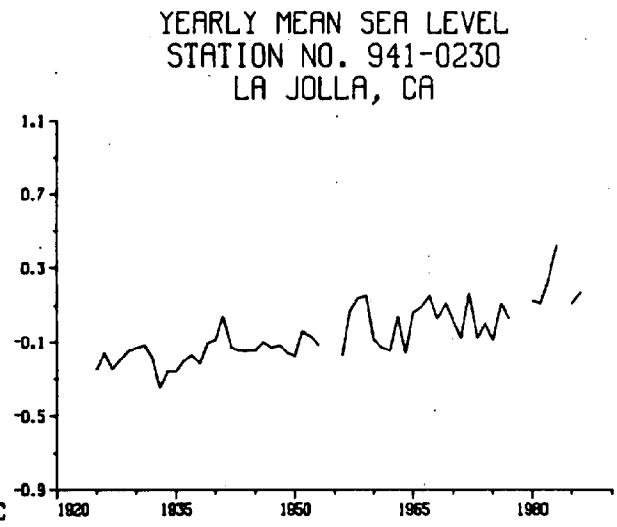

MONTHLY MEAN SEA LEVEL
STATION NO. 975-9110
MAGUEYES, PUERTO RICO
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH
1986
1960 TO 1978

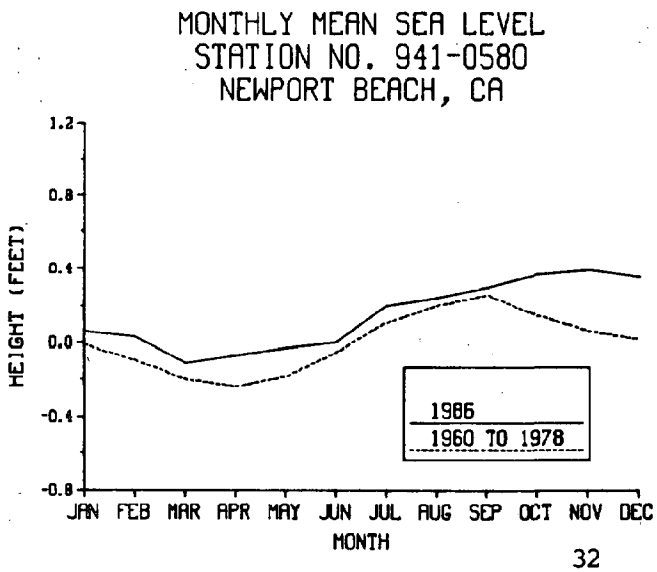

YEARLY MEAN SEA LEVEL
STATION NO. 975-9110
MAGUEYES, PUERTO RICO
1.2
0.8
0.4
0.0
-0.4
-0.8
1920
1935
1950
1965
1980
YEAR

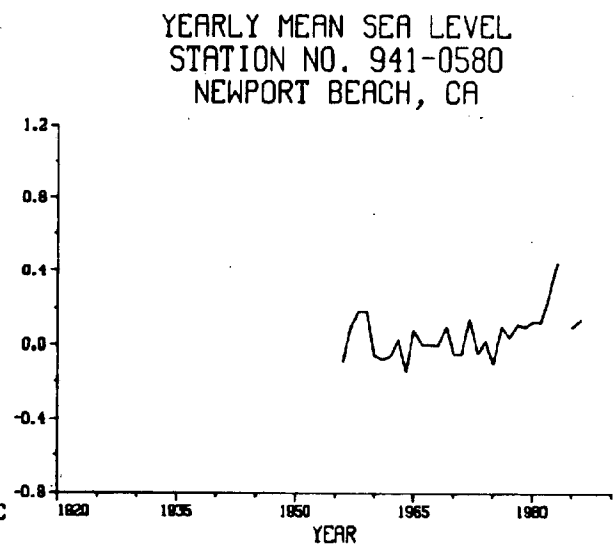

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0170
SAN DIEGO, CA
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1986
1960 TO 1978

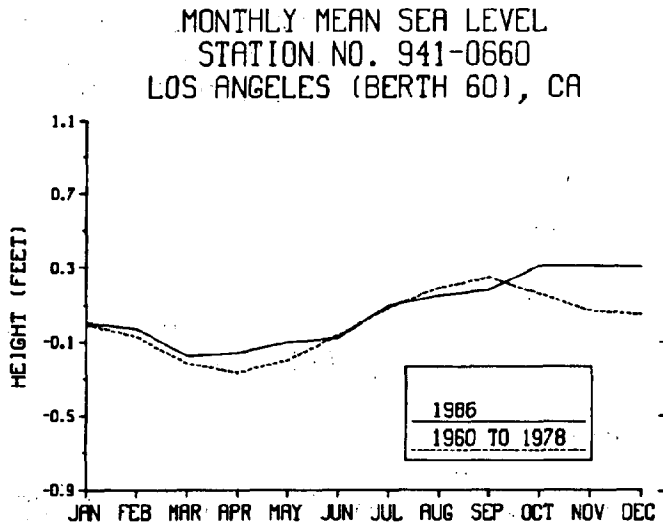

YEARLY MEAN SEA LEVEL
STATION NO. 941-0170
SAN DIEGO, CA
1.0
0.6
0.2
-0.2
-0.6
-1.0
1890 1905 1920 1935 1950 1965 1980

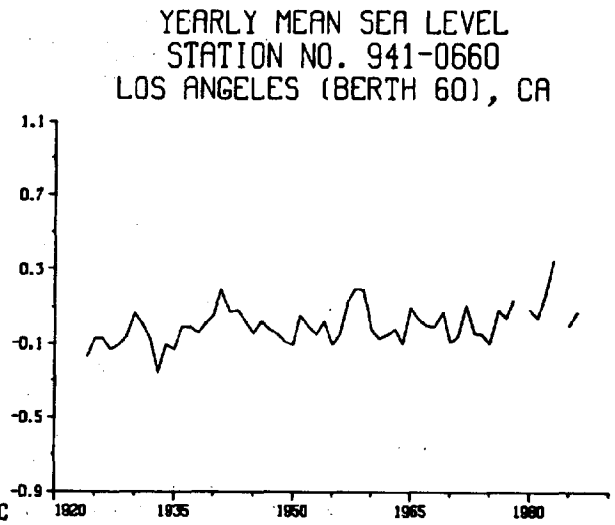

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0230
LA JOLLA, CA
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1986
1960 TO 1978

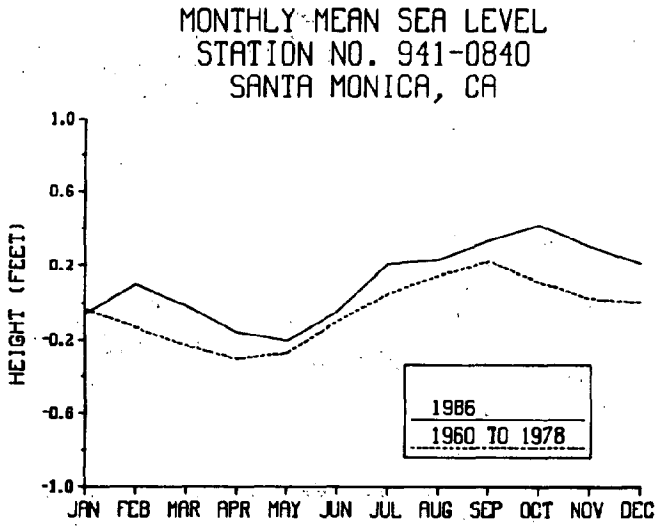

YEARLY MEAN SEA LEVEL
STATION NO. 941-0230
LA JOLLA, CA
1.1
0.7
0.3
-0.1
-0.5
-0.9
1920 1935 1950 1965 1980

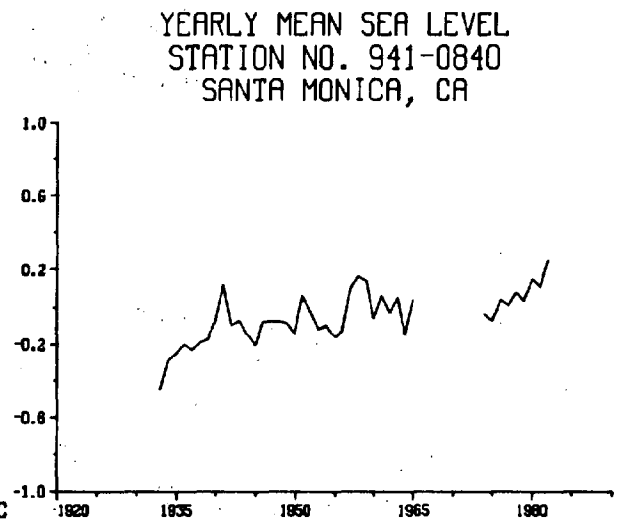

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0580
NEWPORT BEACH, CA
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH
1986
1960 TO 1978

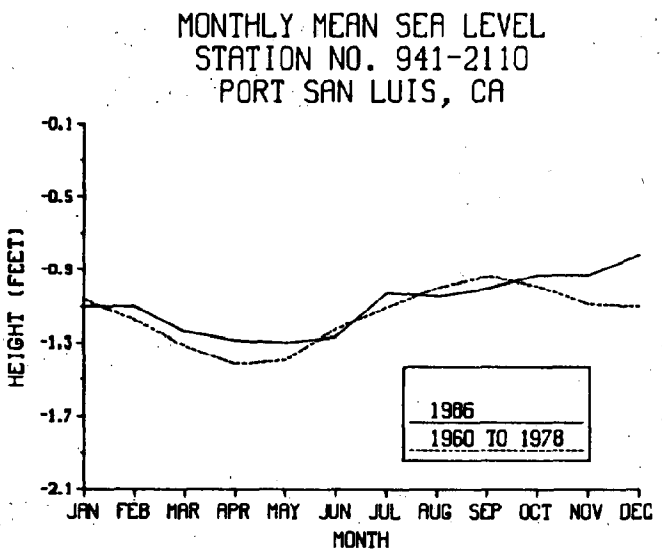

YEARLY MEAN SEA LEVEL
STATION NO. 941-0580
NEWPORT BEACH, CA
1.2
0.8
0.4
0.0
-0.4
-0.8
1920 1935 1950 1965 1980
YEAR

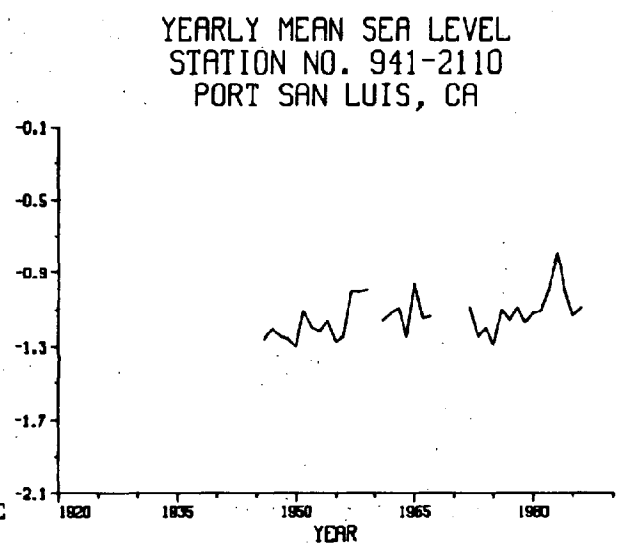

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0660
LOS ANGELES (BERTH 60), CA
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

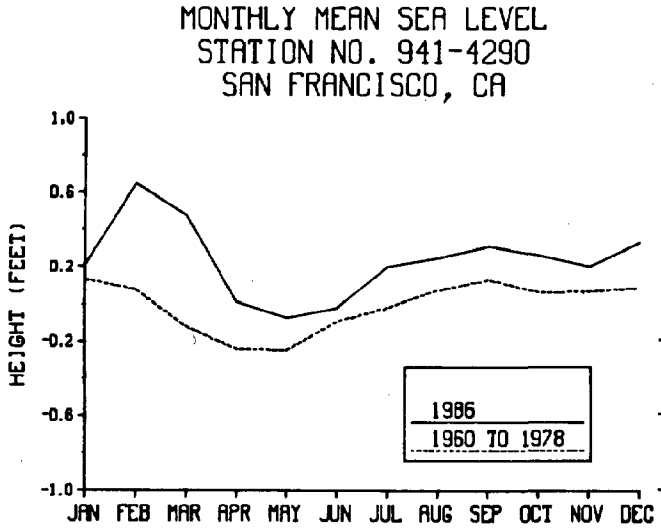

YEARLY MEAN SEA LEVEL
STATION NO. 941-0660
LOS ANGELES (BERTH 60), CA
1.1
0.7
0.3
-0.1
-0.5
-0.9
1920 1935 1950 1965 1980

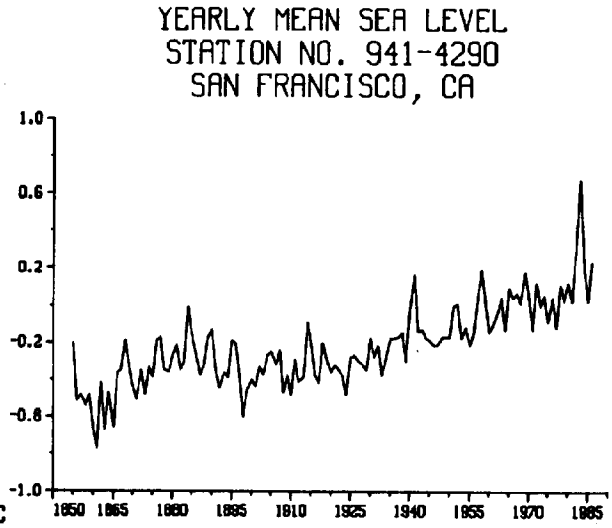

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0840
SANTA MONICA, CA
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

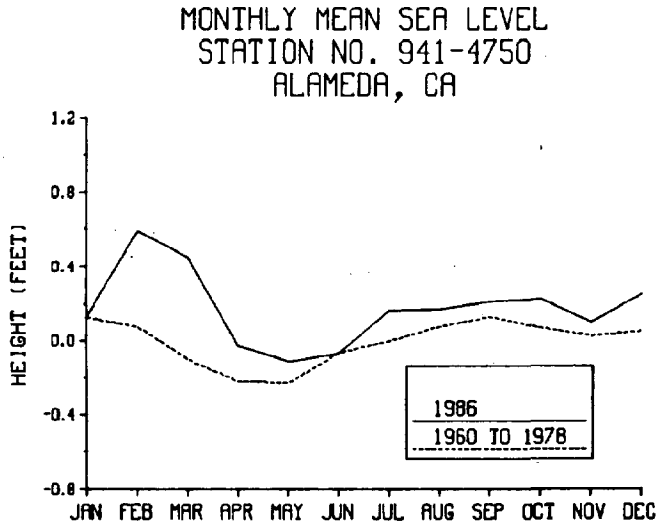

YEARLY MEAN SEA LEVEL
STATION NO. 941-0840
SANTA MONICA, CA
1.0
0.6
0.2
-0.2
-0.6
-1.0
1920 1935 1950 1965 1980

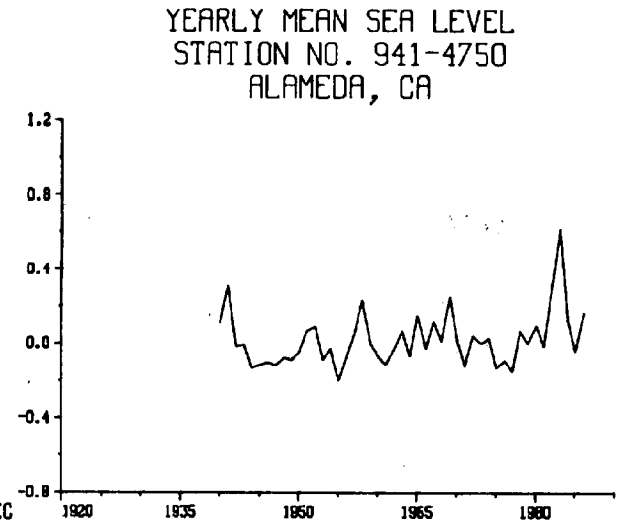

MONTHLY MEAN SEA LEVEL
STATION NO. 941-2110
PORT SAN LUIS, CA
HEIGHT (FEET)
-0.1
-0.5
-0.9
-1.3
-1.7
-2.1
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

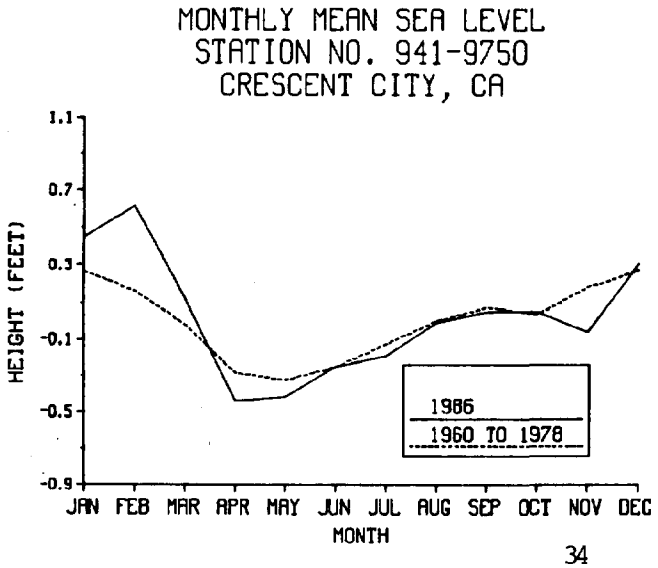

YEARLY MEAN SEA LEVEL
STATION NO. 941-2110
PORT SAN LUIS, CA
-0.1
-0.5
-0.9
-1.3
-1.7
-2.1
1920 1935 1950 1965 1980
YEAR

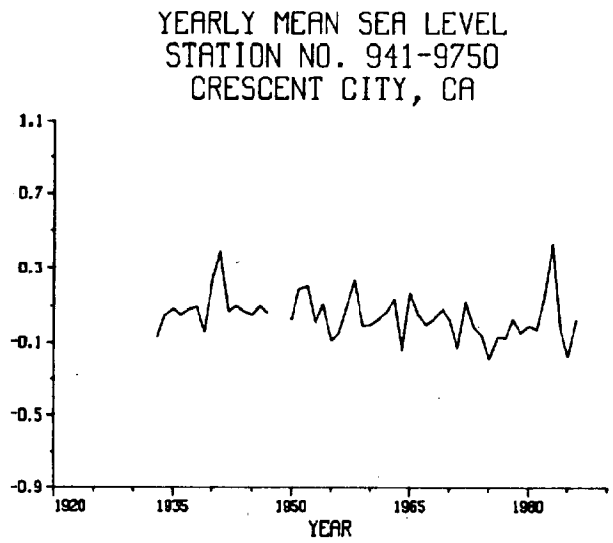

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4290
SAN FRANCISCO, CA
HEIGHT (FEET)
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


YEARLY MEAN SEA LEVEL
STATION NO. 941-4290
SAN FRANCISCO, CA

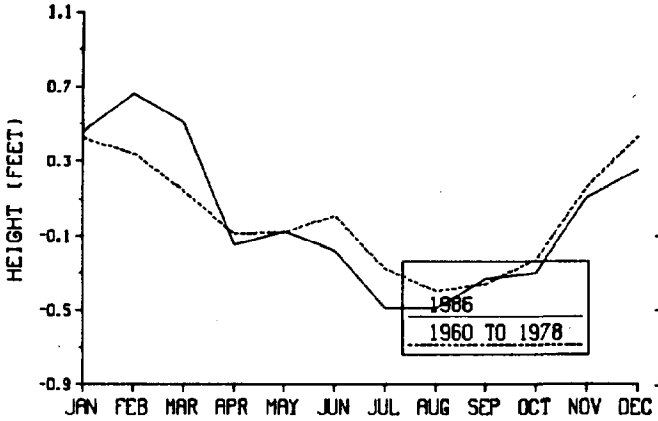

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4750
ALAMEDA, CA
HEIGHT (FEET)
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


YEARLY MEAN SEA LEVEL
STATION NO. 941-4750
ALAMEDA, CA

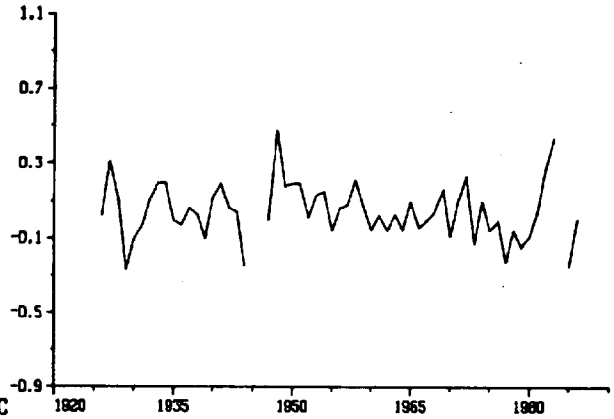

MONTHLY MEAN SEA LEVEL
STATION NO. 941-9750
CRESCENT CITY, CA
HEIGHT (FEET)
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


YEARLY MEAN SEA LEVEL
STATION NO. 941-9750
CRESCENT CITY, CA
YEAR

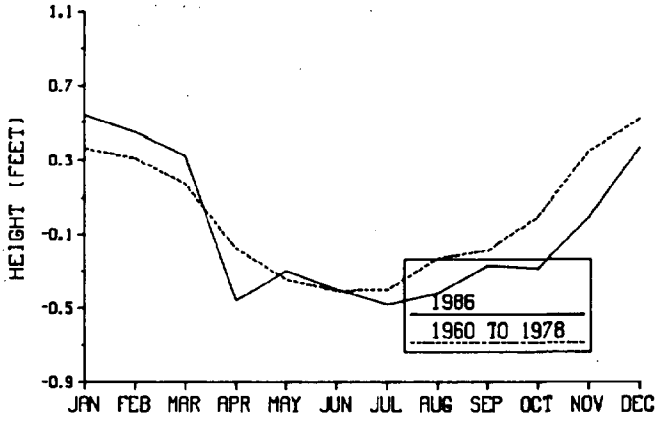
MONTHLY MEAN SEA LEVEL
STATION NO. 943-9040
ASTORIA, OR



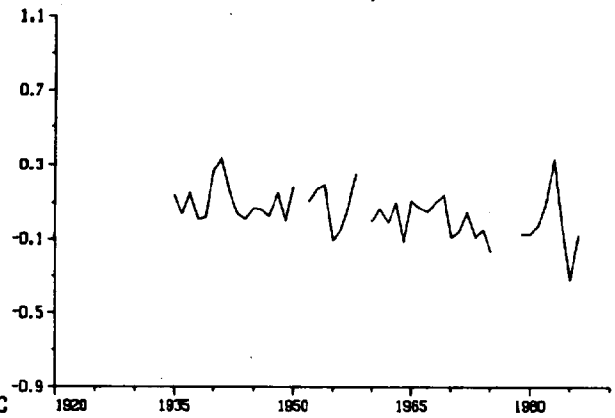
YEARLY MEAN SEA LEVEL
STATION NO. 943-9040
ASTORIA, OR



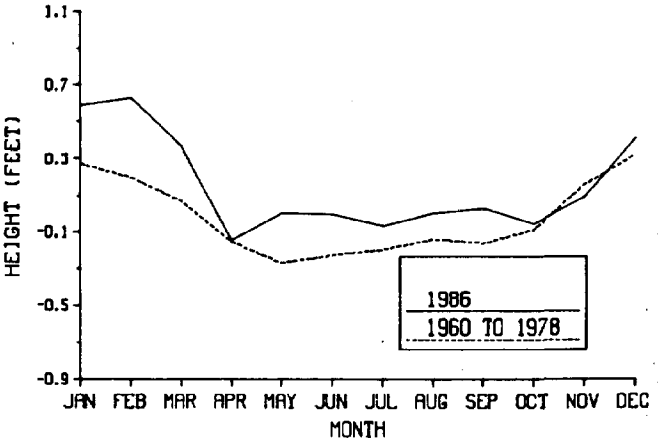
MONTHLY MEAN SEA LEVEL
STATION NO. 944-3090
NEAH BAY, WA



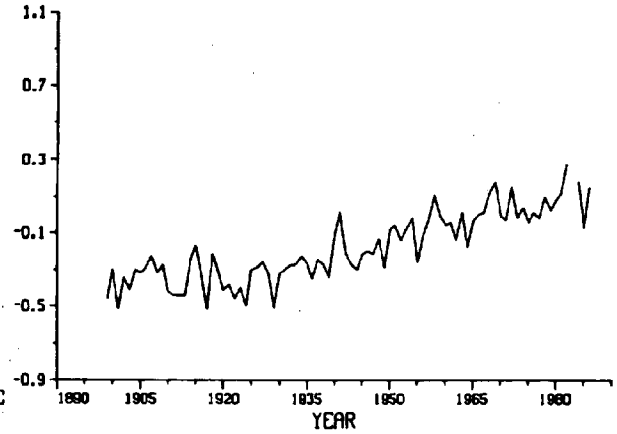
YEARLY MEAN SEA LEVEL
STATION NO. 944-3090
NEAH BAY, WA



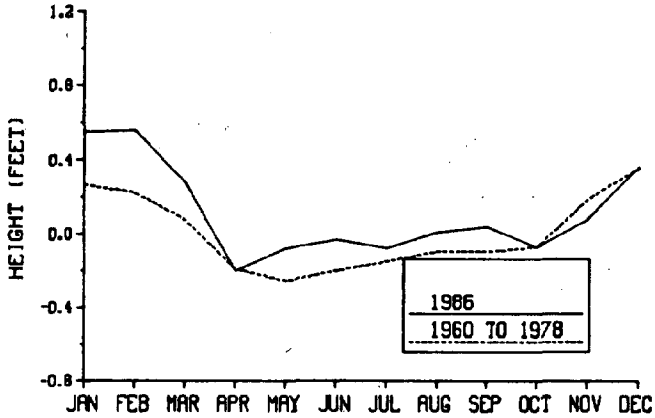
MONTHLY MEAN SEA LEVEL
STATION NO. 944-7130
SEATTLE, WA



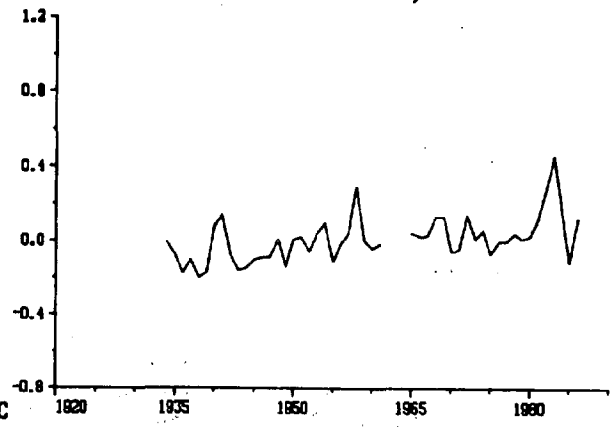
YEARLY MEAN SEA LEVEL
STATION NO. 944-7130
SEATTLE, WA



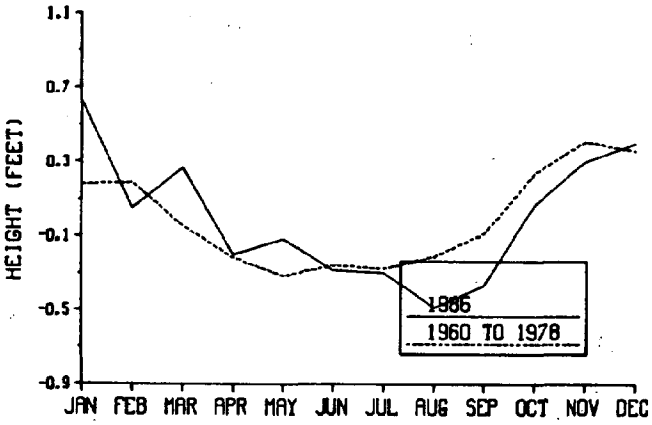
MONTHLY MEAN SEA LEVEL
STATION NO. 944-9880
FRIDAY HARBOR, WA



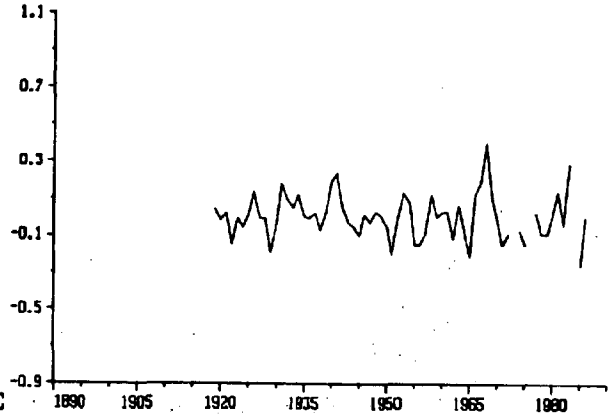
YEARLY MEAN SEA LEVEL
STATION NO. 944-9880
FRIDAY HARBOR, WA



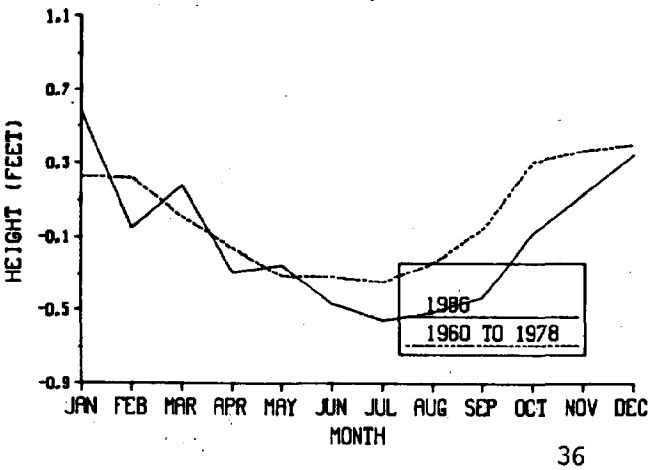
MONTHLY MEAN SEA LEVEL
STATION NO. 945-0460
KETCHIKAN, AK



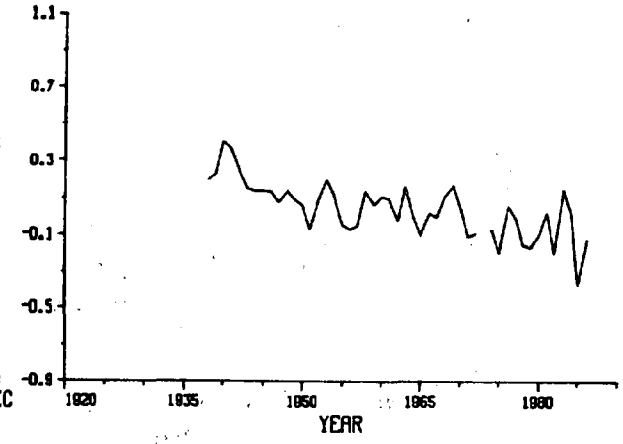
YEARLY MEAN SEA LEVEL
STATION NO. 945-0460
KETCHIKAN, AK



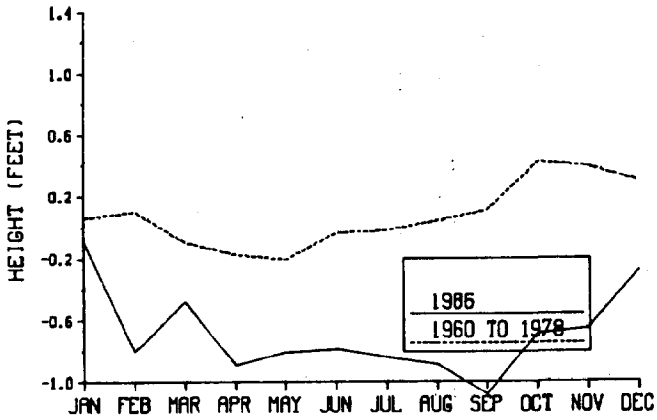
MONTHLY MEAN SEA LEVEL
STATION NO. 945-1600
SITKA, AK



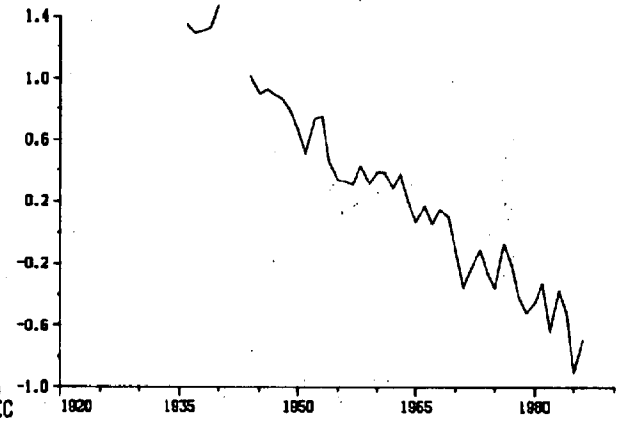
YEARLY MEAN SEA LEVEL
STATION NO. 945-1600
SITKA, AK



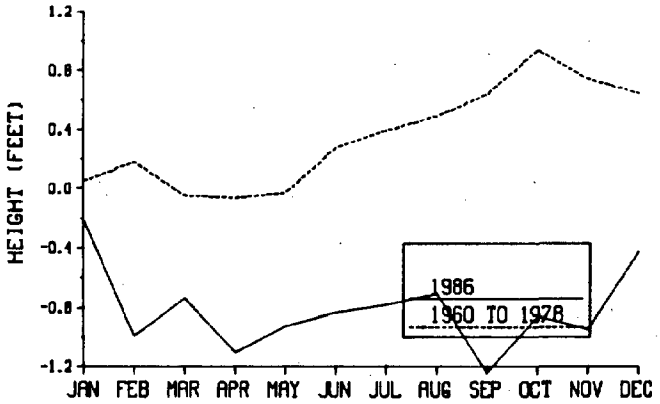
MONTHLY MEAN SEA LEVEL
STATION NO. 945-2210
JUNEAU, AK



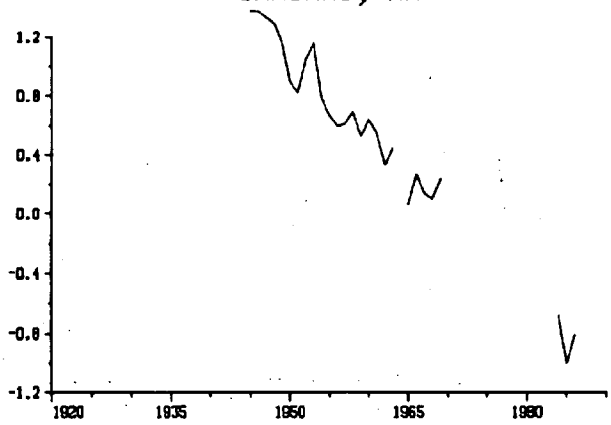
YEARLY MEAN SEA LEVEL
STATION NO. 945-2210
JUNEAU, AK



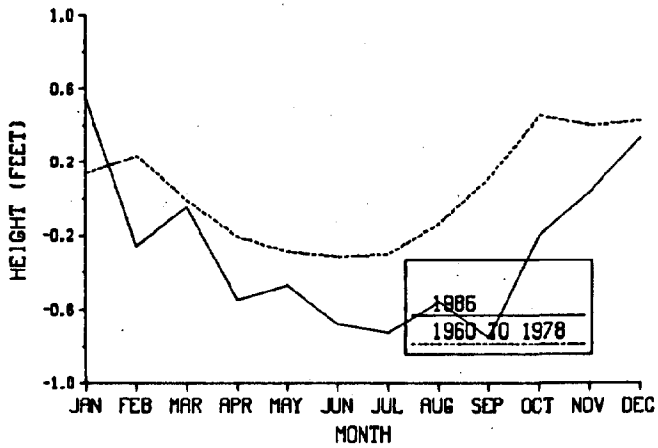
MONTHLY MEAN SEA LEVEL
STATION NO. 945-2400
SKAGWAY, AK



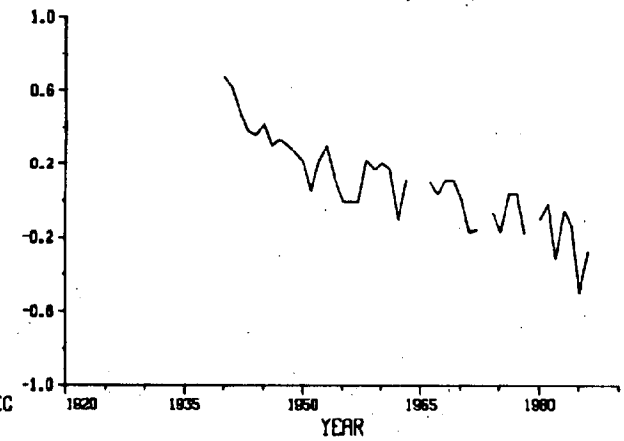
YEARLY MEAN SEA LEVEL
STATION NO. 945-2400
SKAGWAY, AK



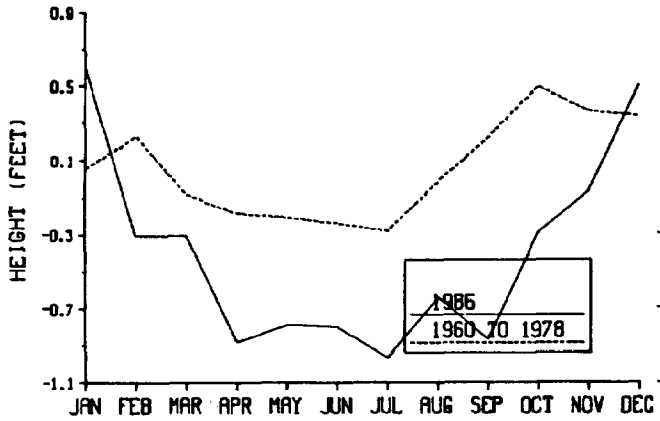
MONTHLY MEAN SEA LEVEL
STATION NO. 945-3220
YAKUTAT BAY, AK



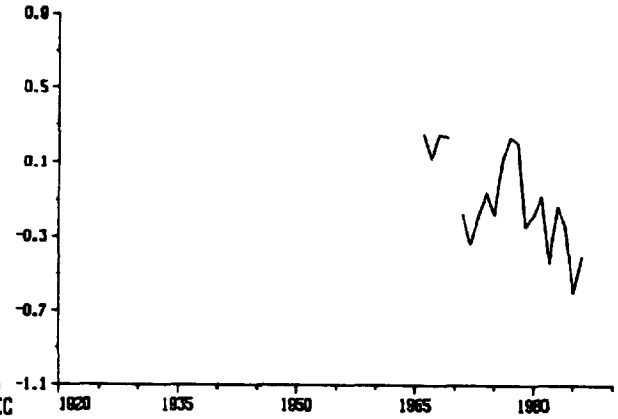
YEARLY MEAN SEA LEVEL
STATION NO. 945-3220
YAKUTAT BAY, AK



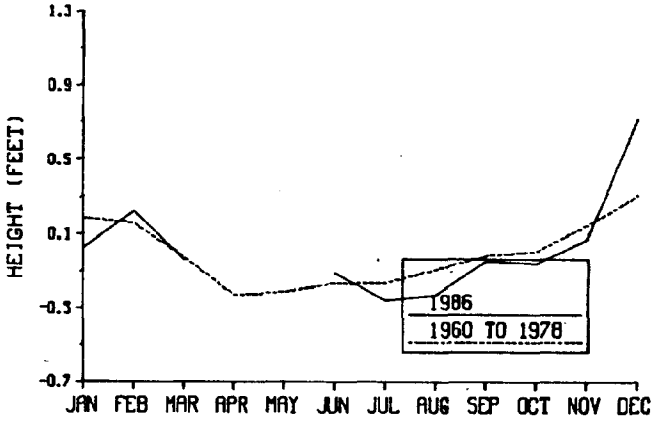
MONTHLY MEAN SEA LEVEL
STATION NO. 945-5500
SELDOVIA, AK



YEARLY MEAN SEA LEVEL
STATION NO. 945-5500
SELDOVIA, AK

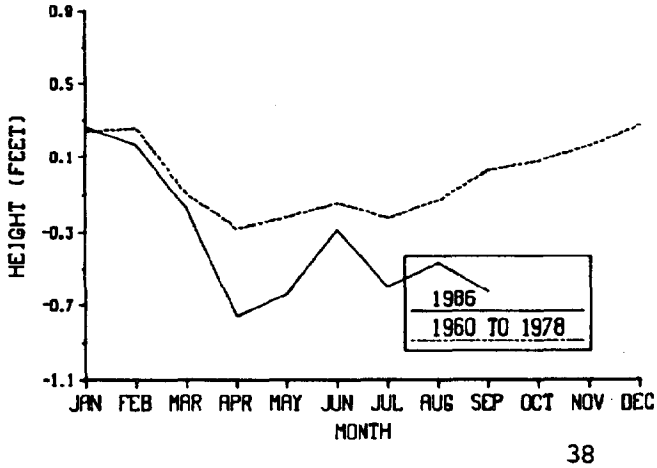


MONTHLY MEAN SEA LEVEL
STATION NO. 946-1380
ADAK, AK

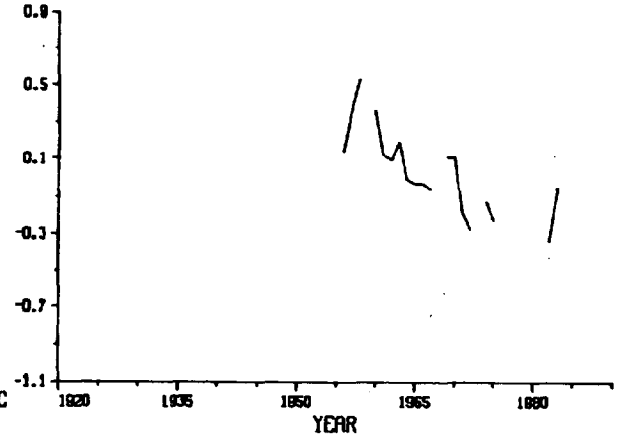


YEARLY MEAN SEA LEVEL
STATION NO. 946-1380
ADAK, AK

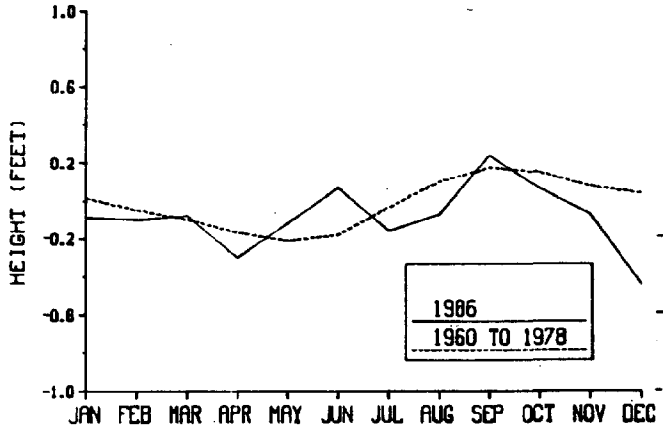
MONTHLY MEAN SEA LEVEL
STATION NO. 946-2620
UNALASKA ISLAND, AK



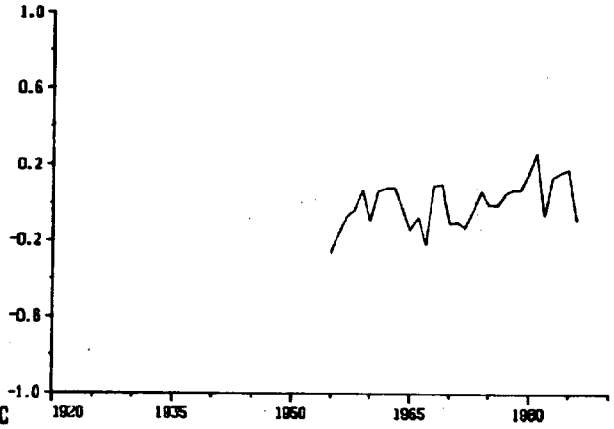
YEARLY MEAN SEA LEVEL
STATION NO. 946-2620
UNALASKA ISLAND, AK



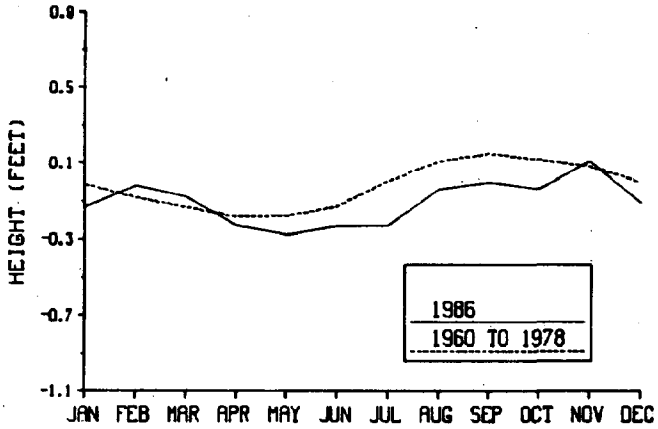
MONTHLY MEAN SEA LEVEL
STATION NO. 161-1400
NAWILIWILI, HI



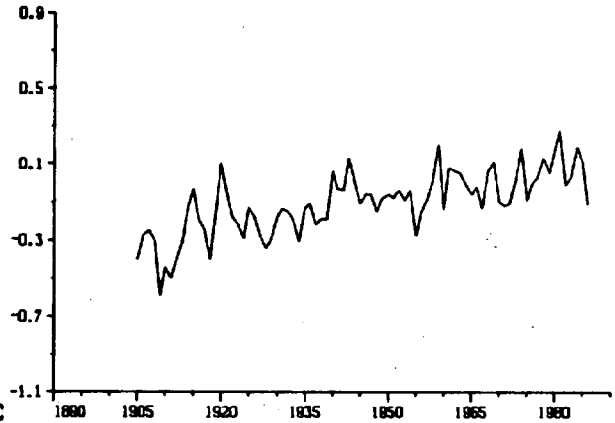
YEARLY MEAN SEA LEVEL
STATION NO. 161-1400
NAWILIWILI, HI



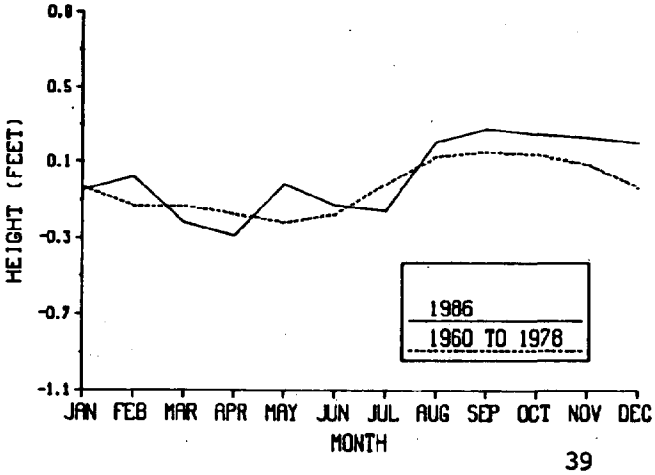
MONTHLY MEAN SEA LEVEL
STATION NO. 161-2340
HONOLULU, OAHU, HI



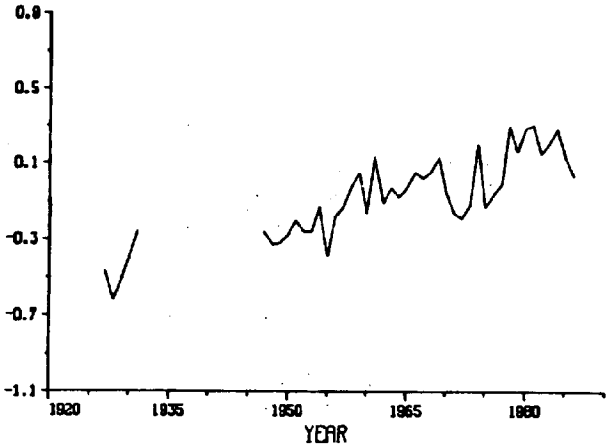
YEARLY MEAN SEA LEVEL
STATION NO. 161-2340
HONOLULU, OAHU, HI



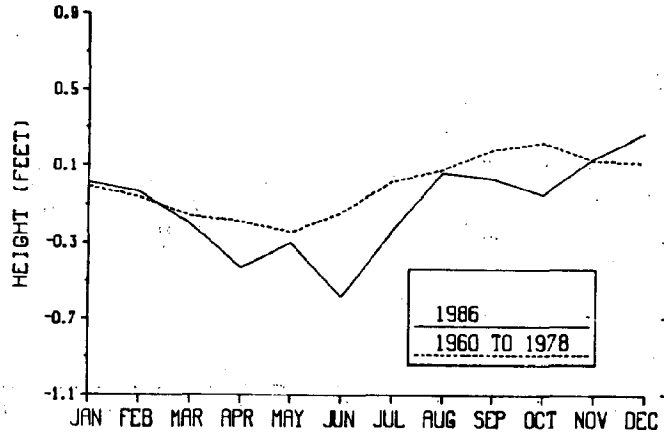
MONTHLY MEAN SEA LEVEL
STATION NO. 161-7760
HILO, HI



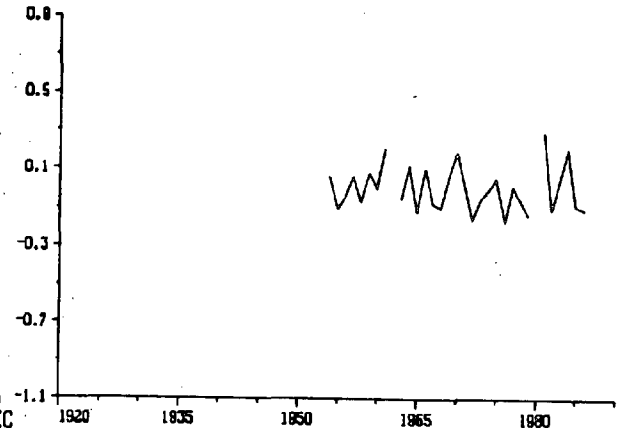
YEARLY MEAN SEA LEVEL
STATION NO. 161-7760
HILO, HI



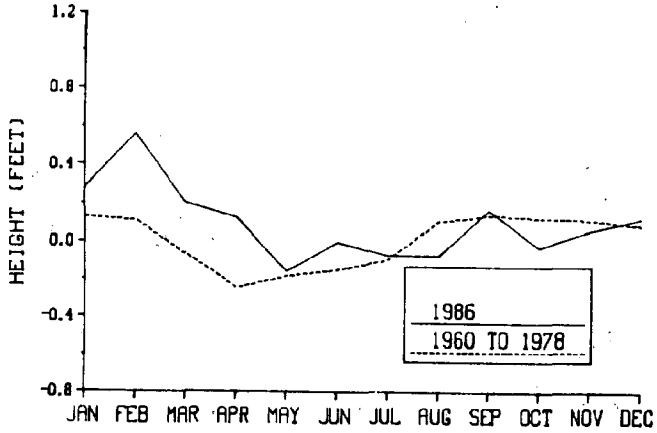
MONTHLY MEAN SEA LEVEL
STATION NO. 161-9000
JOHNSTON ISLAND



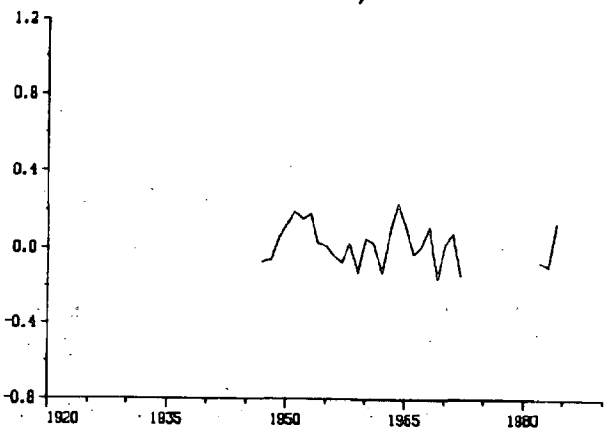
YEARLY MEAN SEA LEVEL
STATION NO. 161-9000
JOHNSTON ISLAND



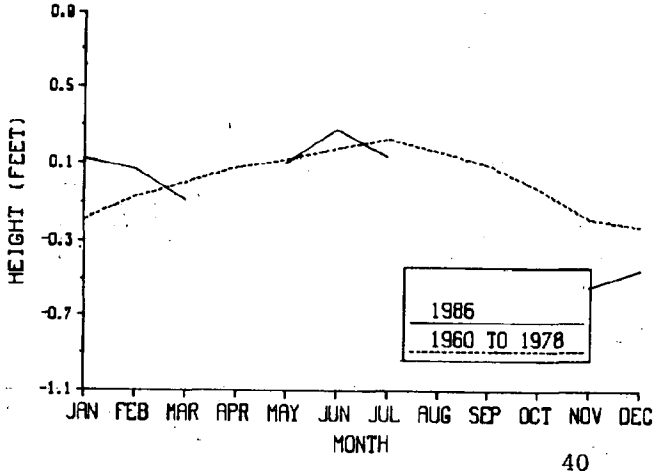
MONTHLY MEAN SEA LEVEL
STATION NO. 161-9910
SAND ISLAND, MIDWAY



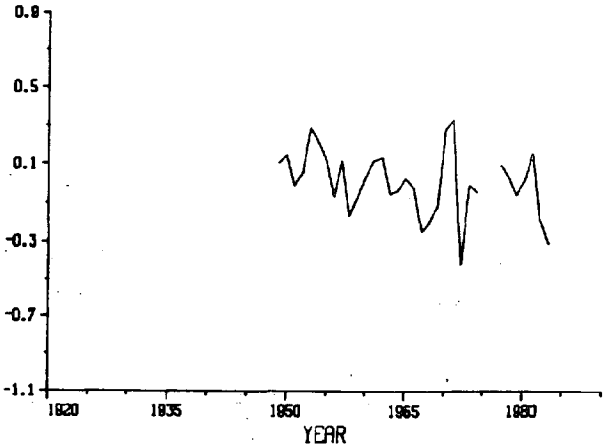
YEARLY MEAN SEA LEVEL
STATION NO. 161-9910
SAND ISLAND, MIDWAY



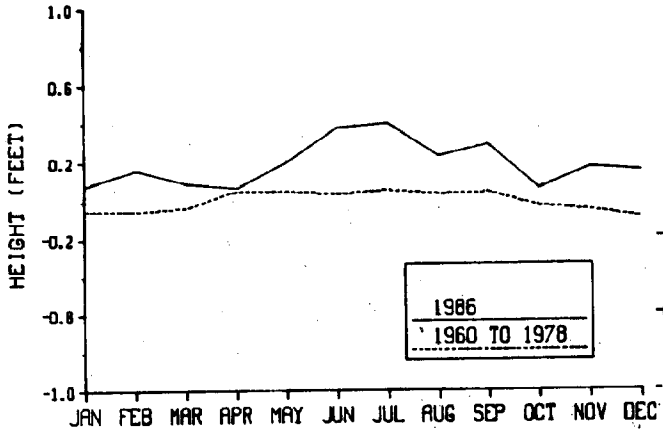
MONTHLY MEAN SEA LEVEL
STATION NO. 163-0000
APRA HARBOR, GUAM



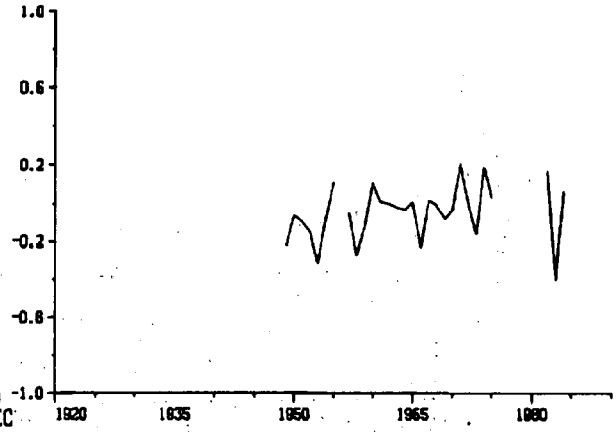
YEARLY MEAN SEA LEVEL
STATION NO. 163-0000
APRA HARBOR, GUAM



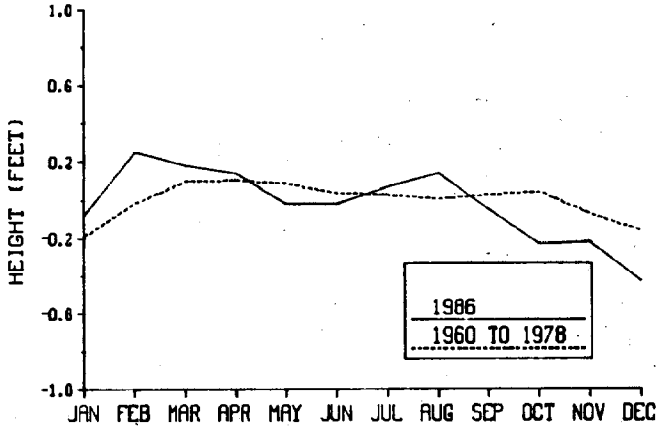
MONTHLY MEAN SEA LEVEL
STATION NO. 177-0000
PAGO PAGO, AMERICAN SAMOA



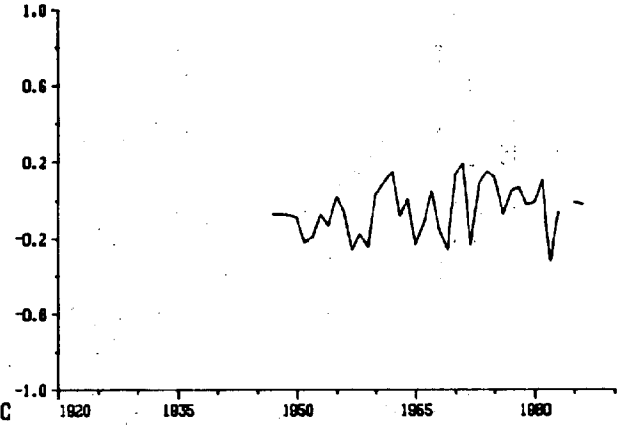
YEARLY MEAN SEA LEVEL
STATION NO. 177-0000
PAGO PAGO, AMERICAN SAMOA



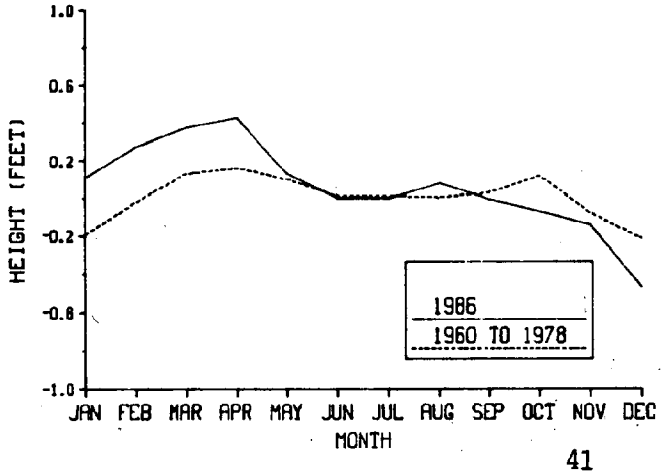
MONTHLY MEAN SEA LEVEL
STATION NO. 182-0000
KWAJALEIN, MARSHALL ISLANDS



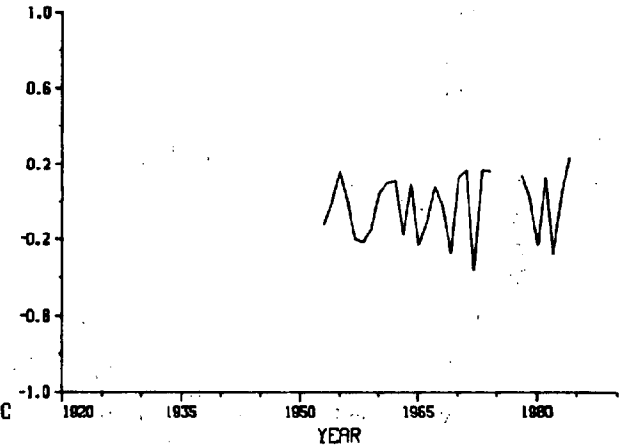
YEARLY MEAN SEA LEVEL
STATION NO. 182-0000
KWAJALEIN, MARSHALL ISLANDS

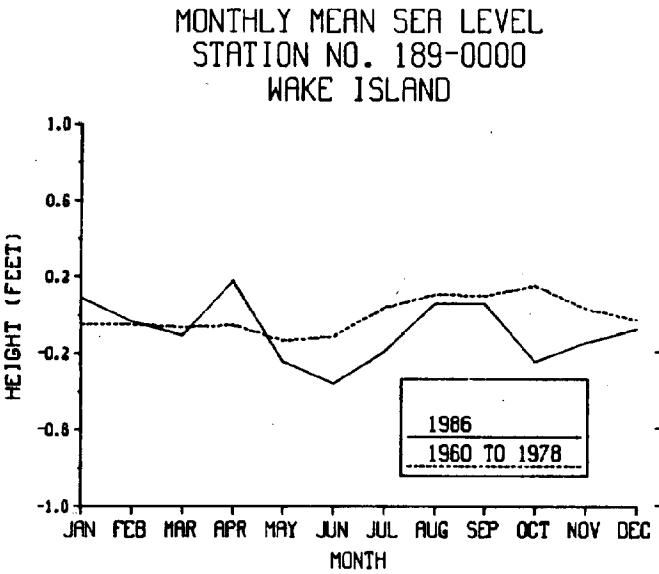


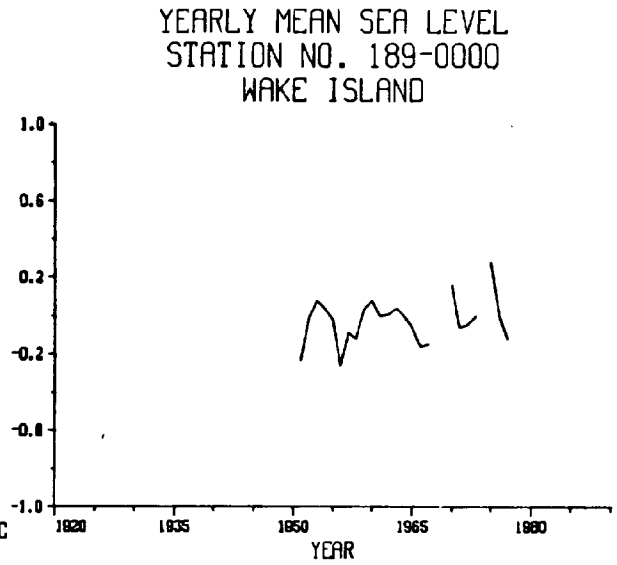
MONTHLY MEAN SEA LEVEL
STATION NO. 184-0000
TRUK ATOLL, EAST CAROLINES



YEARLY MEAN SEA LEVEL
STATION NO. 184-0000
TRUK ATOLL, EAST CAROLINES



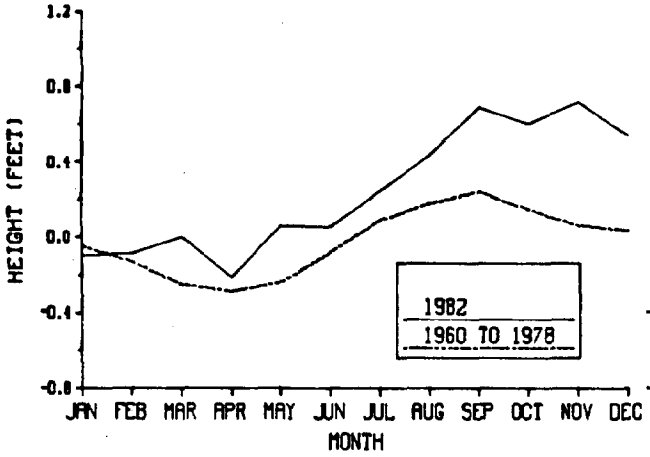

MONTHLY MEAN SEA LEVEL
STATION NO. 189-0000
WAKE ISLAND
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH
1986
1960 TO 1978


YEARLY MEAN SEA LEVEL
STATION NO. 189-0000
WAKE ISLAND
1.0
0.6
0.2
-0.2
-0.6
-1.0
1920
1935
1950
1965
1980
YEAR

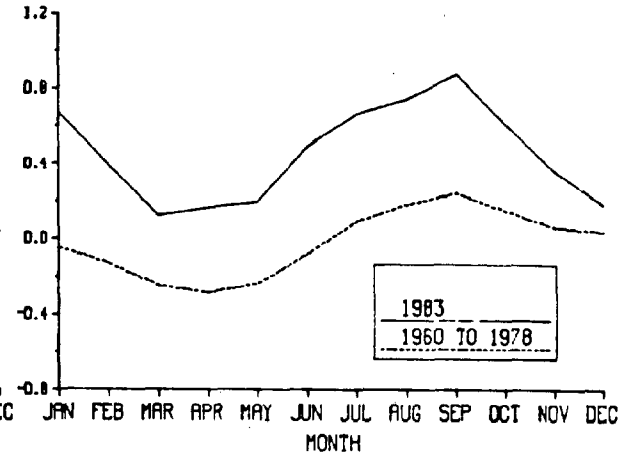
APPENDIX B

Plots of Monthly Mean Sea Level for 1982-83

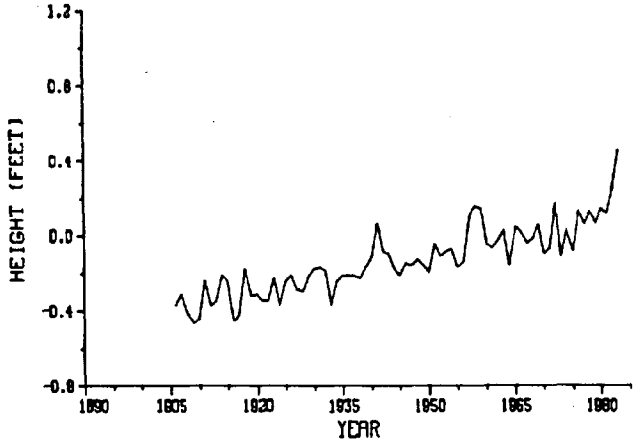
MONTHLY MEAN SEA LEVEL
STATION NO. 941-0170
SAN DIEGO, CA



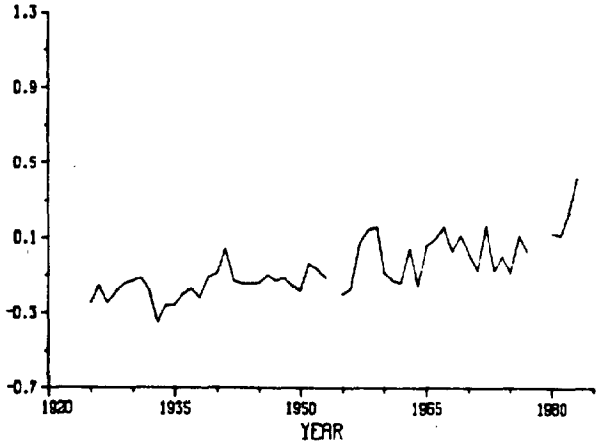
MONTHLY MEAN SEA LEVEL
STATION NO. 941-0170
SAN DIEGO, CA



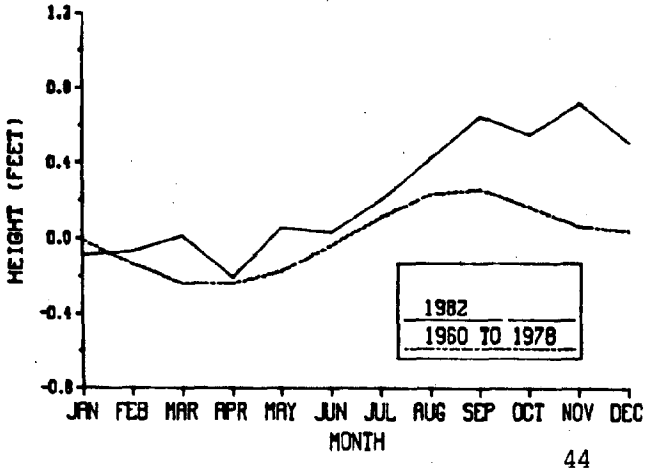
YEARLY MEAN SEA LEVEL
STATION NO. 941-0170
SAN DIEGO, CA



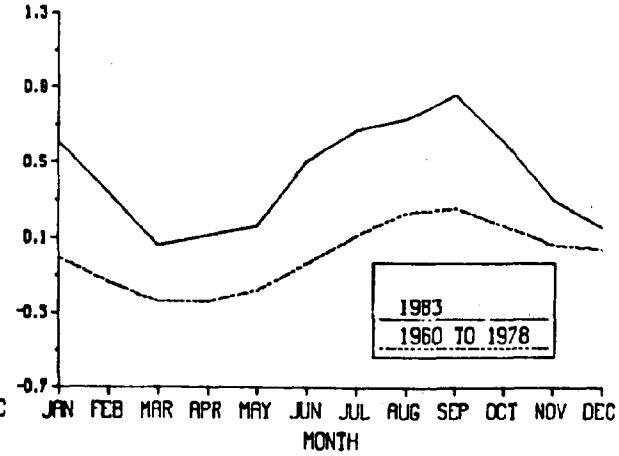
YEARLY MEAN SEA LEVEL
STATION NO. 941-0230
LA JOLLA, CA

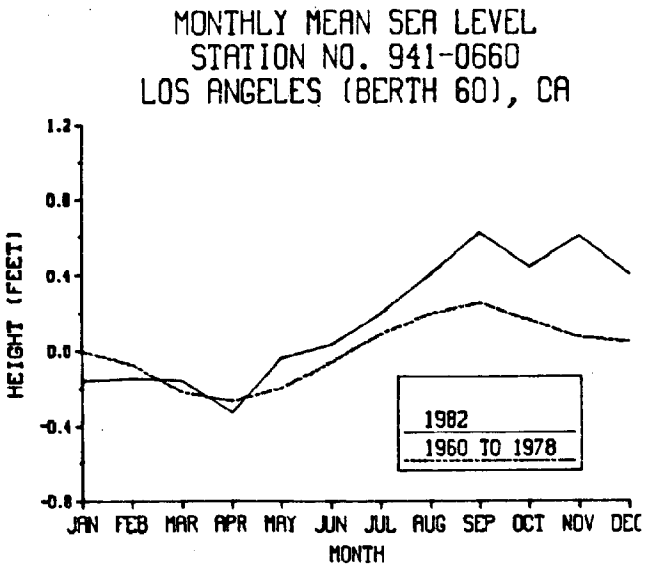


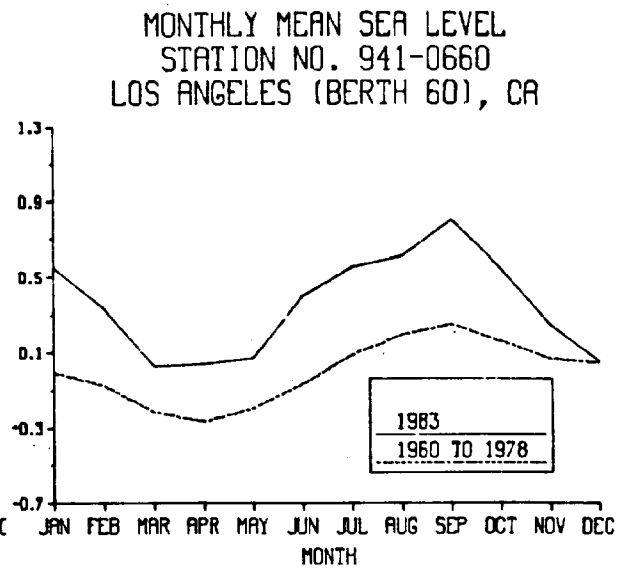
MONTHLY MEAN SEA LEVEL
STATION NO. 941-0230
LA JOLLA, CA

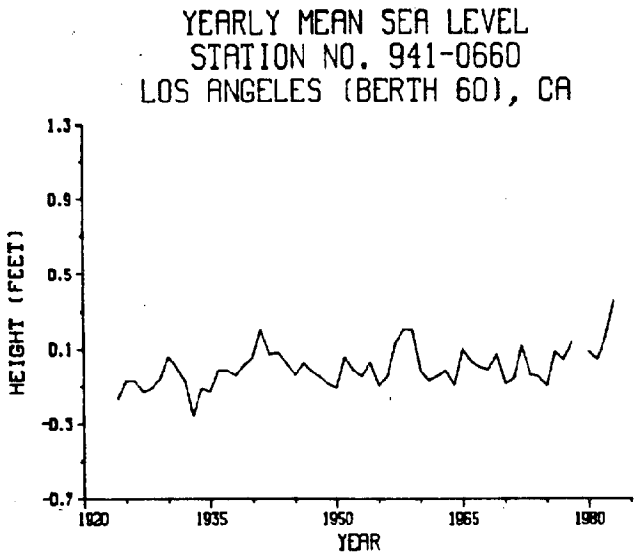


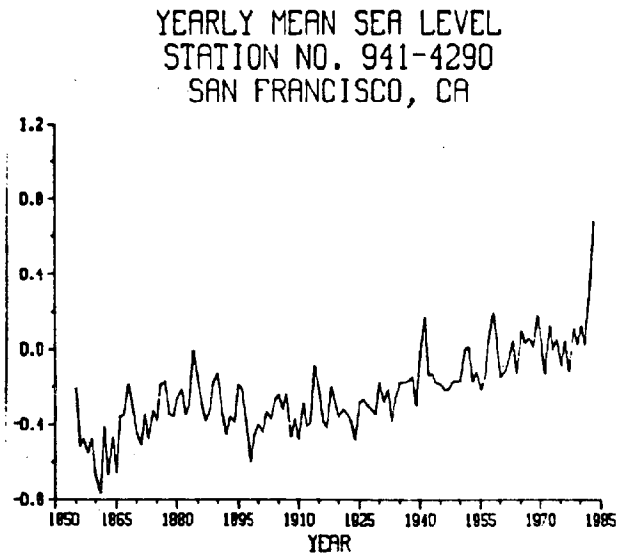
MONTHLY MEAN SEA LEVEL
STATION NO. 941-0230
LA JOLLA, CA

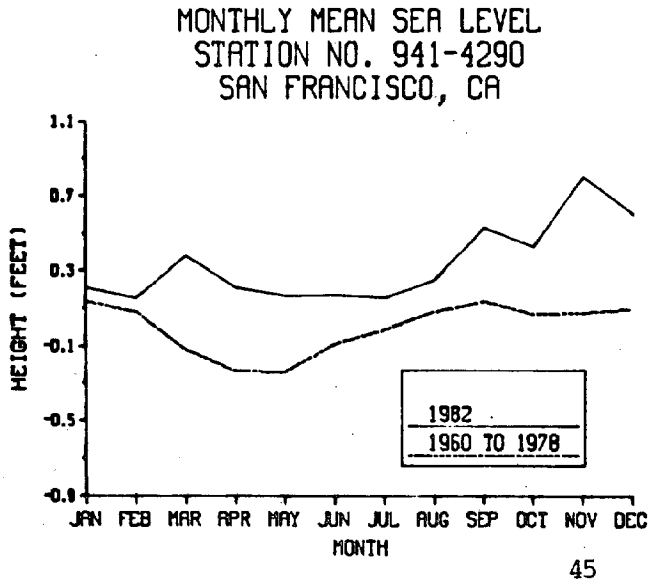


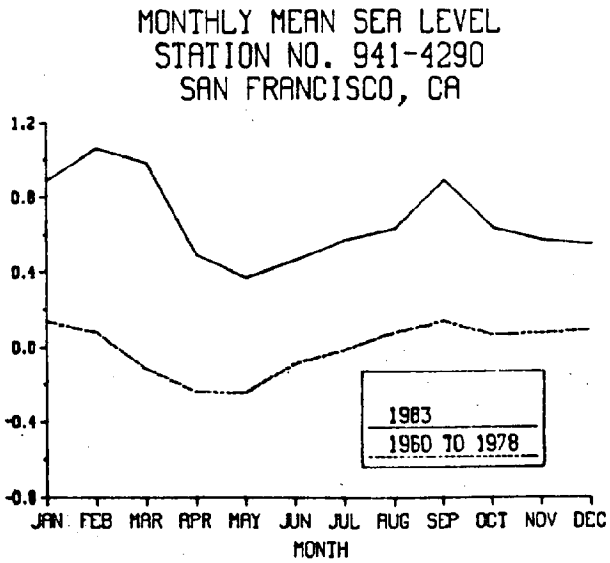

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0660
LOS ANGELES (BERTH 60), CA
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

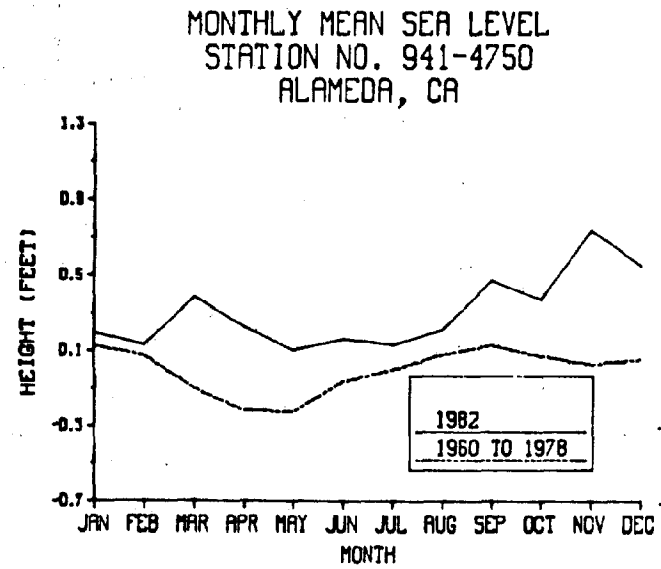

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0660
LOS ANGELES (BERTH 60), CA
1.3
0.9
0.5
0.1
-0.3
-0.7
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

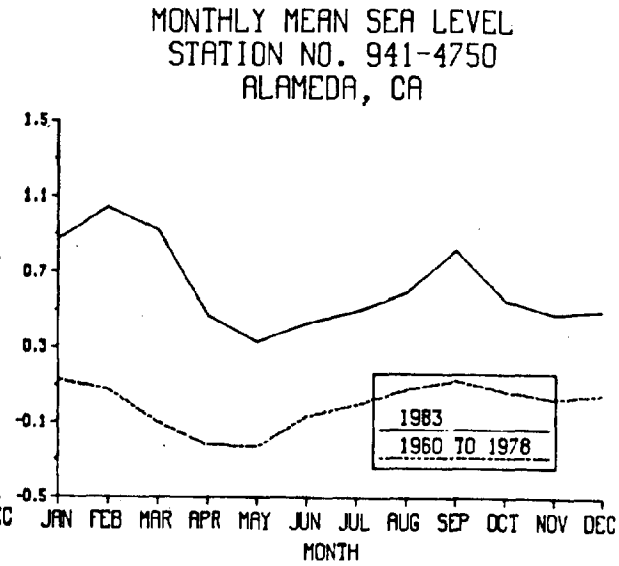

YEARLY MEAN SEA LEVEL
STATION NO. 941-0660
LOS ANGELES (BERTH 60), CA
HEIGHT (FEET)
1.3
0.9
0.5
0.1
-0.3
-0.7
1920
1935
1950
1965
1980
YEAR

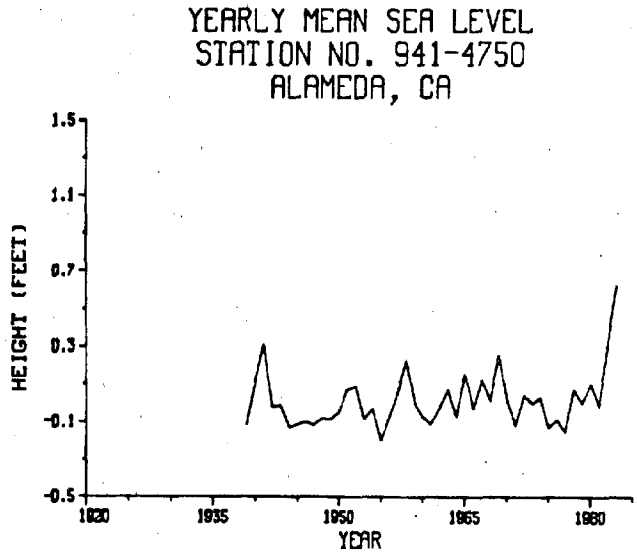

YEARLY MEAN SEA LEVEL
STATION NO. 941-4290
SAN FRANCISCO, CA
1.2
0.8
0.4
0.0
-0.4
-0.8
1850
1865
1880
1895
1910
1925
1940
1955
1970
1985
YEAR

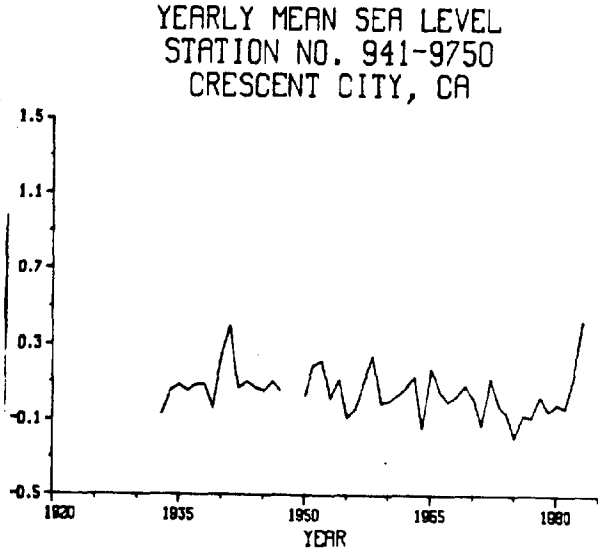

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4290
SAN FRANCISCO, CA
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

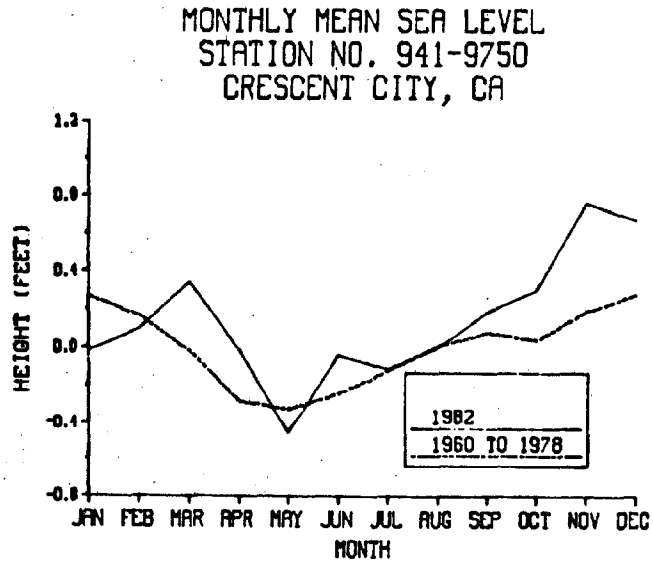

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4290
SAN FRANCISCO, CA
1.2
0.8
0.4
0.0
-0.4
-0.8
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

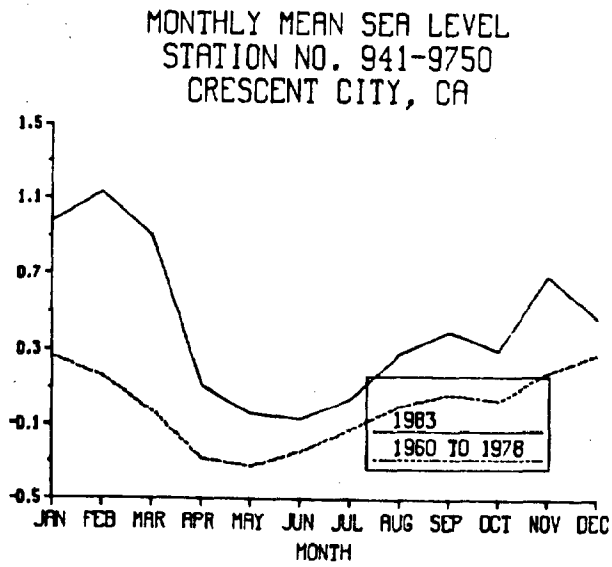

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4750
ALAMEDA, CA
HEIGHT (FEET)
1.3
0.9
0.5
0.1
-0.3
-0.7
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

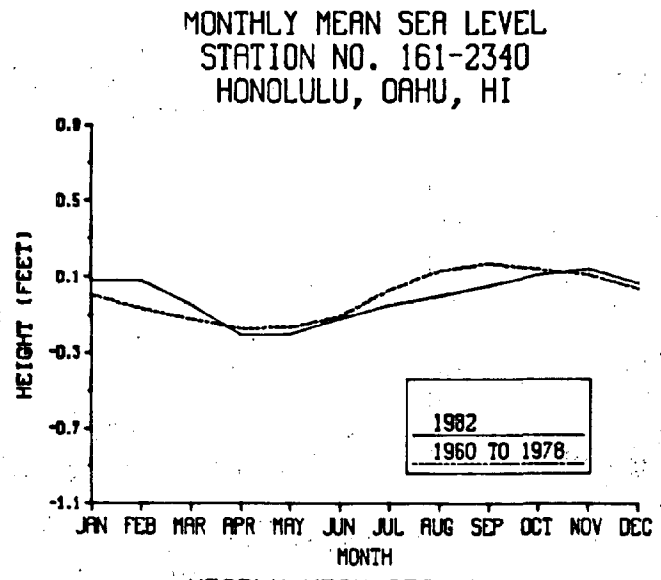

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4750
ALAMEDA, CA
1.5
1.1
0.7
0.3
-0.1
-0.5
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

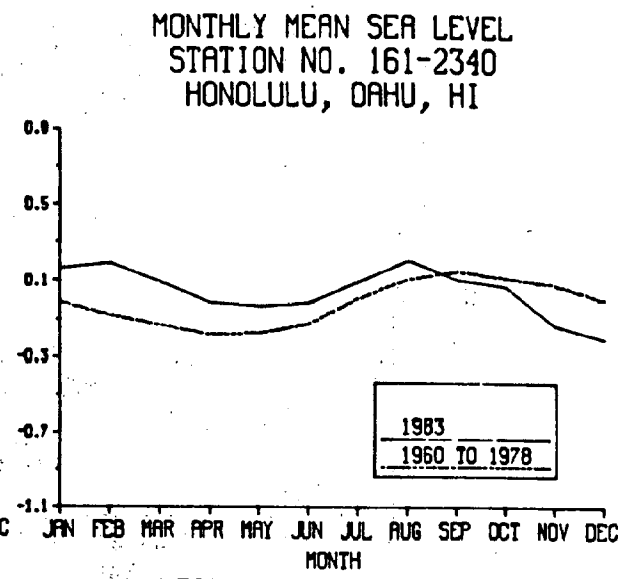

YEARLY MEAN SEA LEVEL
STATION NO. 941-4750
ALAMEDA, CA
HEIGHT (FEET)
1.5
1.1
0.7
0.3
-0.1
-0.5
1920
1935
1950
1965
1980
YEAR

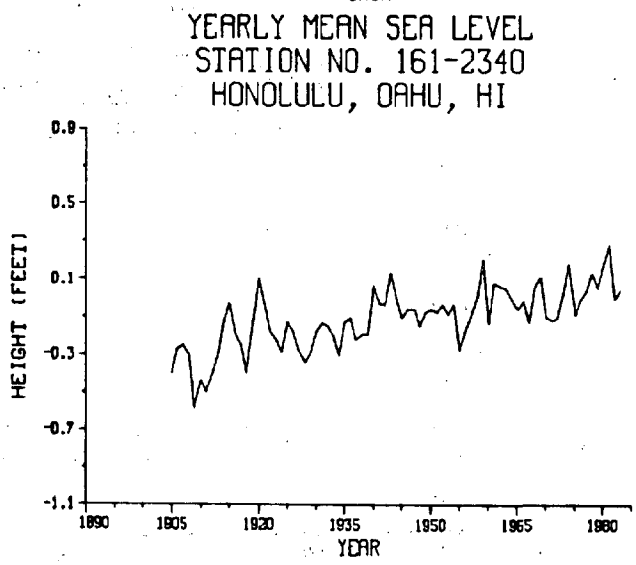

YEARLY MEAN SEA LEVEL
STATION NO. 941-9750
CRESCENT CITY, CA
1.5
1.1
0.7
0.3
-0.1
-0.5
1920
1935
1950
1965
1980
YEAR

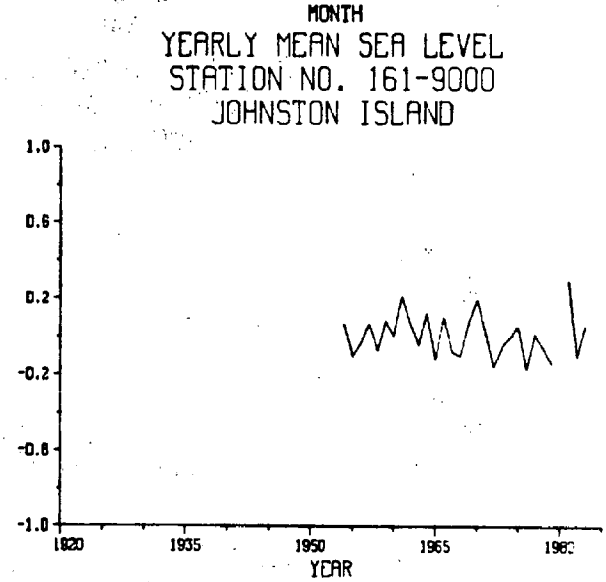

MONTHLY MEAN SEA LEVEL
STATION NO. 941-9750
CRESCENT CITY, CA
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

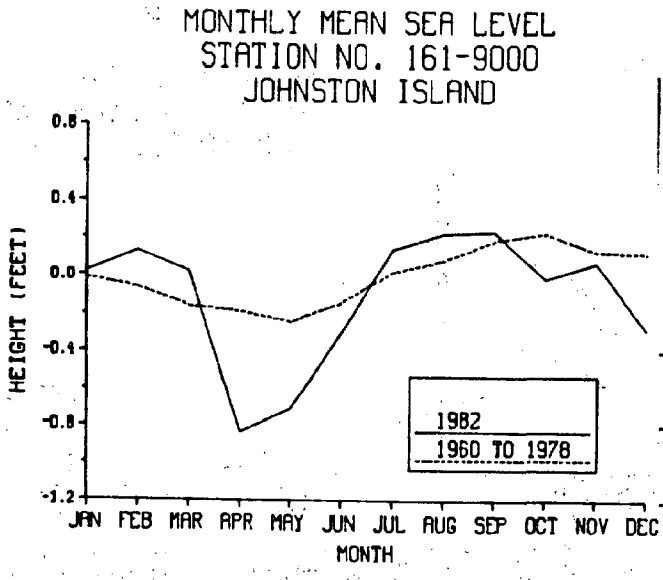

MONTHLY MEAN SEA LEVEL
STATION NO. 941-9750
CRESCENT CITY, CA
1.5
1.1
0.7
0.3
-0.1
-0.5
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

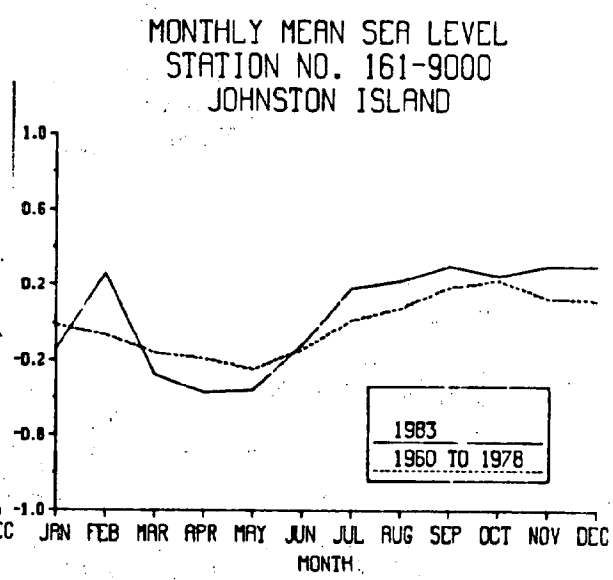

MONTHLY MEAN SEA LEVEL
STATION NO. 161-2340
HONOLULU, OAHU, HI
HEIGHT (FEET)
0.9
0.5
0.1
-0.3
-0.7
-1.1
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

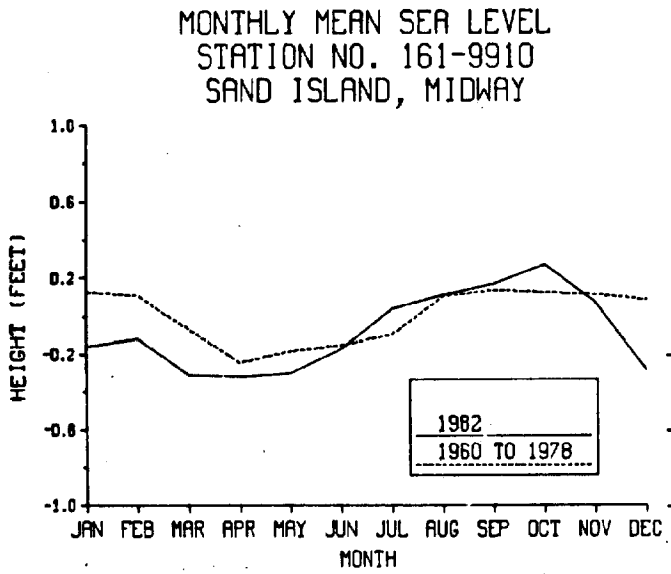

MONTHLY MEAN SEA LEVEL
STATION NO. 161-2340
HONOLULU, OAHU, HI
0.9
0.5
0.1
-0.3
-0.7
-1.1
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

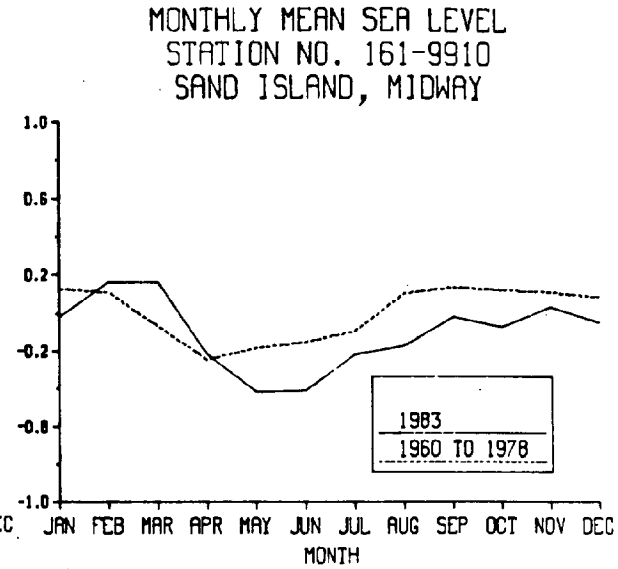

YEARLY MEAN SEA LEVEL
STATION NO. 161-2340
HONOLULU, OAHU, HI
HEIGHT (FEET)
0.9
0.5
0.1
-0.3
-0.7
-1.1
1890 1905 1920 1935 1950 1965 1980
YEAR

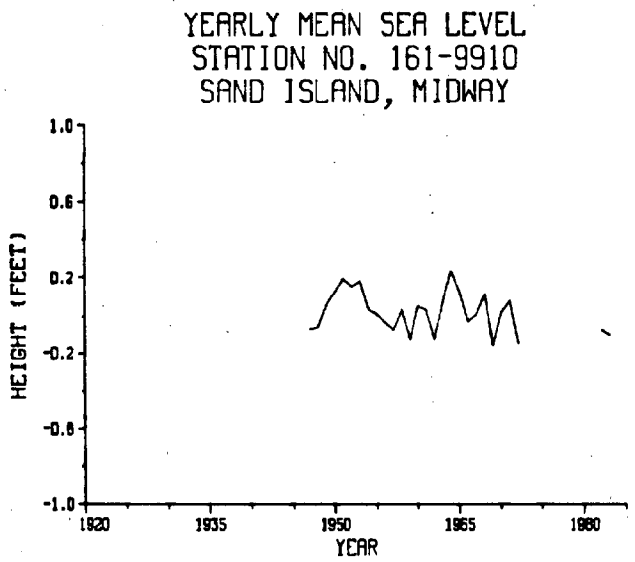

YEARLY MEAN SEA LEVEL
STATION NO. 161-9000
JOHNSTON ISLAND
1.0
0.6
0.2
-0.2
-0.6
-1.0
1920 1935 1950 1965 1980
YEAR

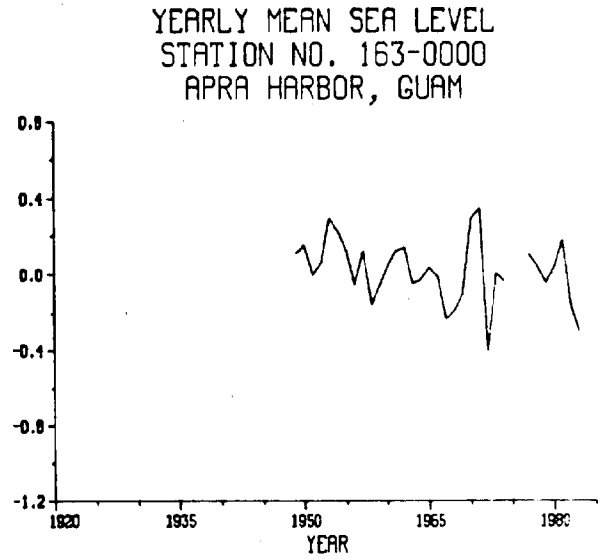

MONTHLY MEAN SEA LEVEL
STATION NO. 161-9000
JOHNSTON ISLAND
HEIGHT (FEET)
0.8
0.4
0.0
-0.4
-0.8
-1.2
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

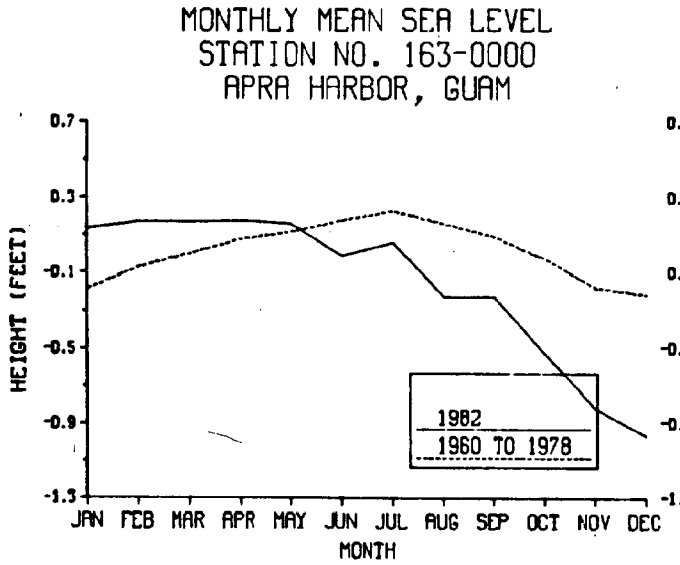

MONTHLY MEAN SEA LEVEL
STATION NO. 161-9000
JOHNSTON ISLAND
1.0
0.6
0.2
-0.2
-0.6
-1.0
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

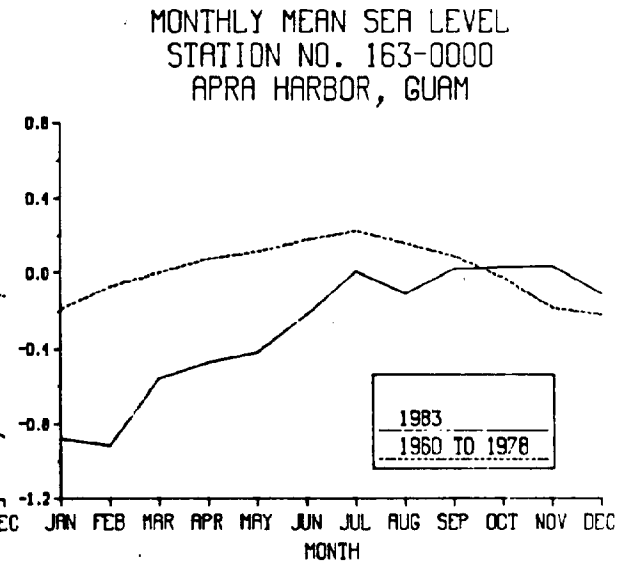

MONTHLY MEAN SEA LEVEL
STATION NO. 161-9910
SAND ISLAND, MIDWAY
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

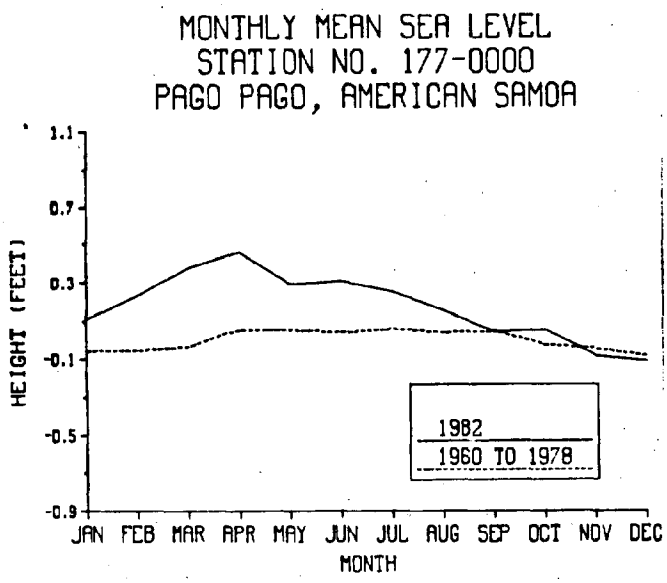

MONTHLY MEAN SEA LEVEL
STATION NO. 161-9910
SAND ISLAND, MIDWAY
1.0
0.6
0.2
-0.2
-0.6
-1.0
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

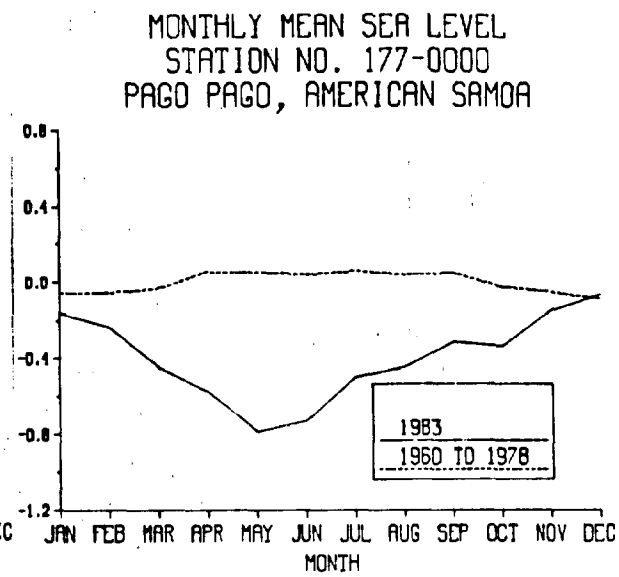

YEARLY MEAN SEA LEVEL
STATION NO. 161-9910
SAND ISLAND, MIDWAY
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
1920
1935
1950
1965
1980
YEAR

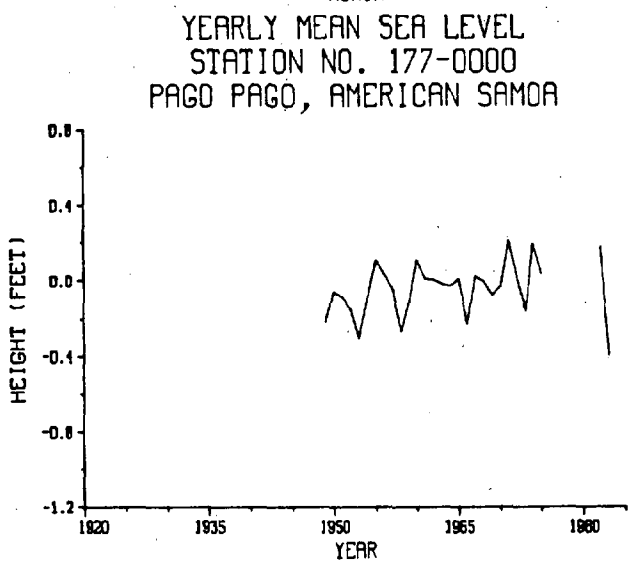

YEARLY MEAN SEA LEVEL
STATION NO. 163-0000
APRA HARBOR, GUAM
0.8
0.4
0.0
-0.4
-0.8
-1.2
1920
1935
1950
1965
1980
YEAR

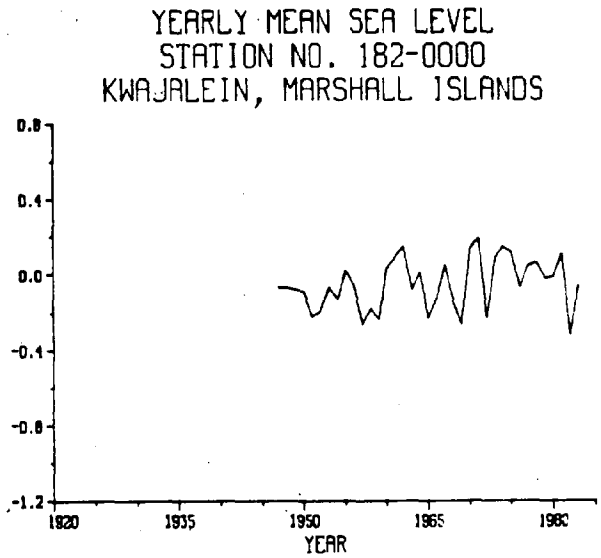

MONTHLY MEAN SEA LEVEL
STATION NO. 163-0000
APRA HARBOR, GUAM
HEIGHT (FEET)
0.7
0.3
-0.1
-0.5
-0.9
-1.3
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

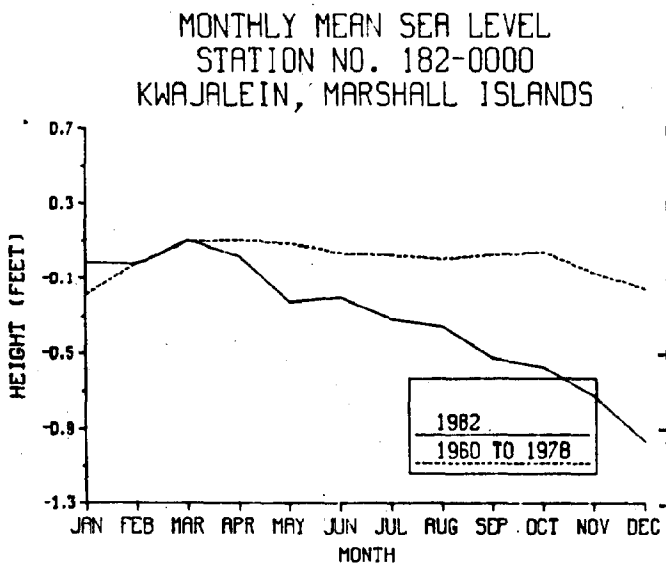

MONTHLY MEAN SEA LEVEL
STATION NO. 163-0000
APRA HARBOR, GUAM
0.8
0.4
0.0
-0.4
-0.8
-1.2
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

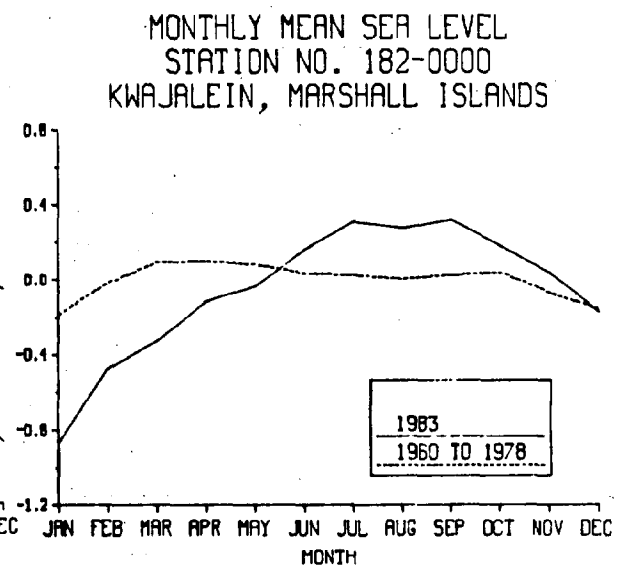

MONTHLY MEAN SEA LEVEL
STATION NO. 177-0000
PAGO PAGO, AMERICAN SAMOA
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

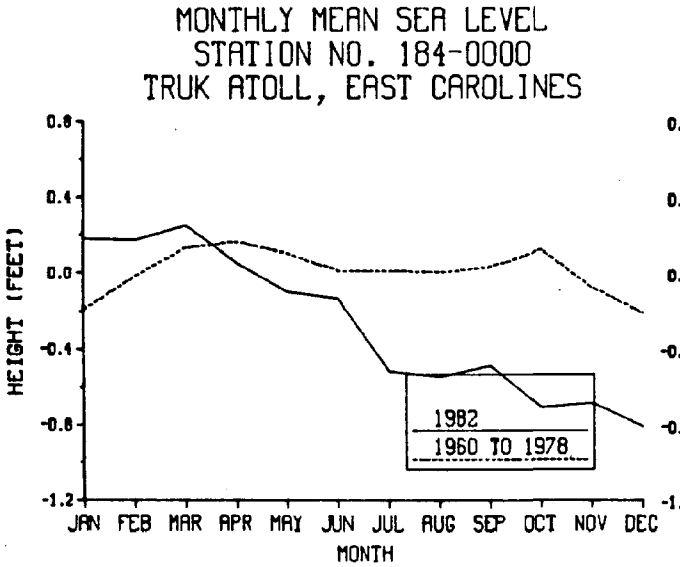

MONTHLY MEAN SEA LEVEL
STATION NO. 177-0000
PAGO PAGO, AMERICAN SAMOA
0.8
0.4
0.0
-0.4
-0.8
-1.2
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

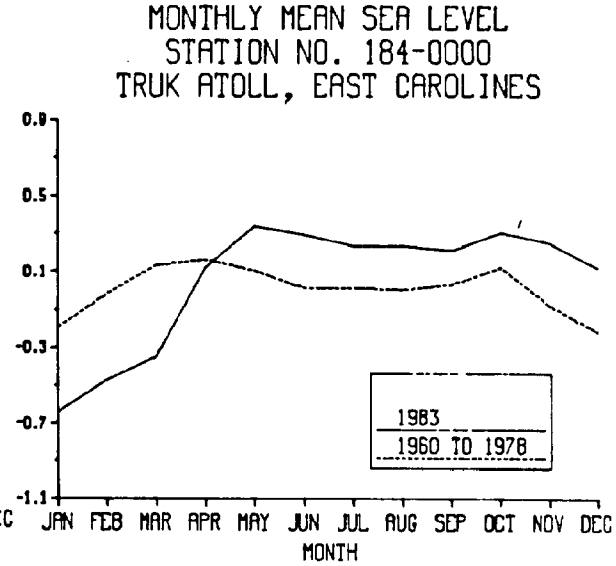

YEARLY MEAN SEA LEVEL
STATION NO. 177-0000
PAGO PAGO, AMERICAN SAMOA
HEIGHT (FEET)
0.8
0.4
0.0
-0.4
-0.8
-1.2
1920
1935
1950
1965
1980
YEAR

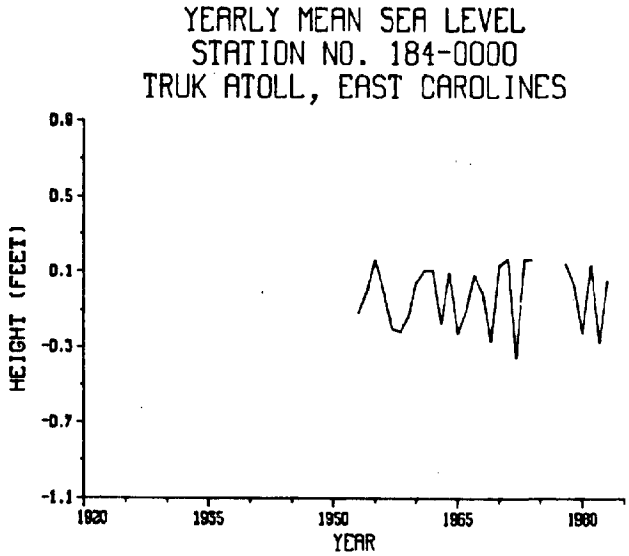

YEARLY MEAN SEA LEVEL
STATION NO. 182-0000
KWAJALEIN, MARSHALL ISLANDS
0.8
0.4
0.0
-0.4
-0.8
-1.2
1920
1935
1950
1965
YEAR

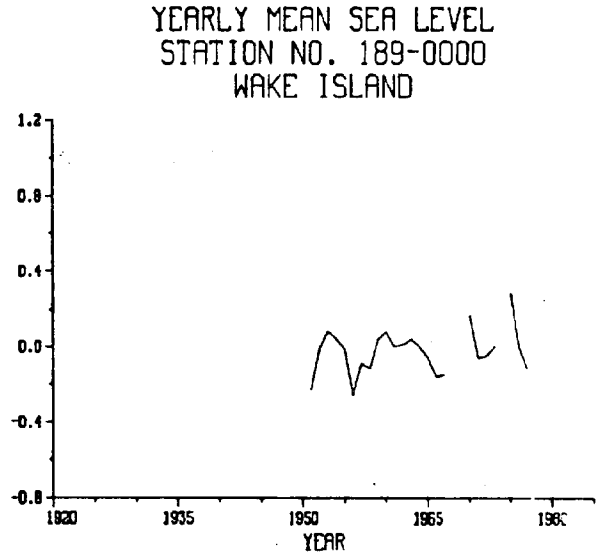

MONTHLY MEAN SEA LEVEL
STATION NO. 182-0000
KWAJALEIN, MARSHALL ISLANDS
HEIGHT (FEET)
0.7
0.3
-0.1
-0.5
-0.9
-1.3
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

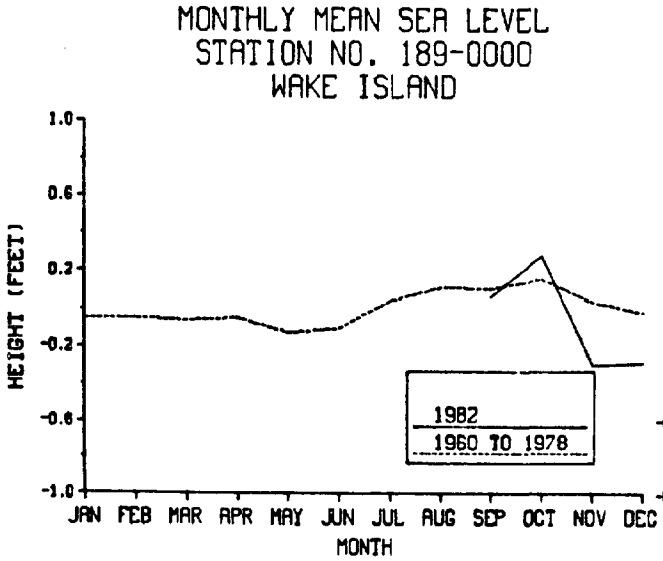

MONTHLY MEAN SEA LEVEL
STATION NO. 182-0000
KWAJALEIN, MARSHALL ISLANDS
0.8
0.4
0.0
-0.4
-0.8
-1.2
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

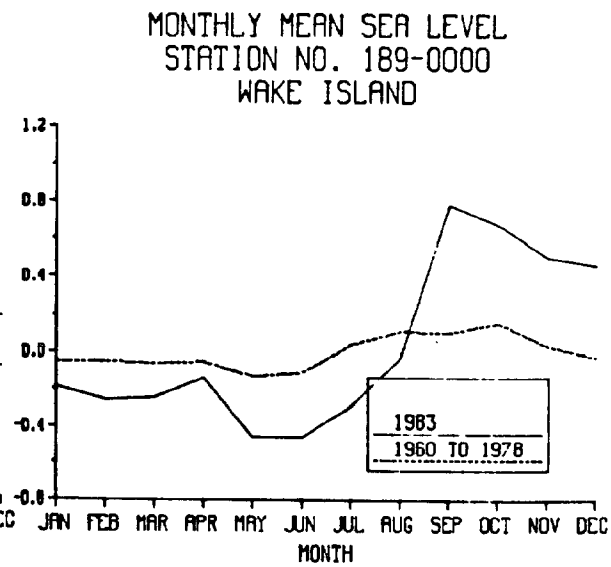

MONTHLY MEAN SEA LEVEL
STATION NO. 184-0000
TRUK ATOLL, EAST CAROLINES
HEIGHT (FEET)
0.8
0.4
0.0
-0.4
-0.8
-1.2
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


MONTHLY MEAN SEA LEVEL
STATION NO. 184-0000
TRUK ATOLL, EAST CAROLINES
0.9
0.5
0.1
-0.3
-0.7
-1.1
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


YEARLY MEAN SEA LEVEL
STATION NO. 184-0000
TRUK ATOLL, EAST CAROLINES
HEIGHT (FEET)
0.9
0.5
0.1
-0.3
-0.7
-1.1
1920
1935
1950
1965
1980
YEAR


YEARLY MEAN SEA LEVEL
STATION NO. 189-0000
WAKE ISLAND
1.2
0.8
0.4
0.0
-0.4
-0.8
1920
1935
1950
1965
YEAR


MONTHLY MEAN SEA LEVEL
STATION NO. 189-0000
WAKE ISLAND
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


MONTHLY MEAN SEA LEVEL
STATION NO. 189-0000
WAKE ISLAND
1.2
0.8
0.4
0.0
-0.4
-0.8
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

APPENDIX C

Monthly and Yearly Mean Sea Level Data

RUN DATE 08/19/87

STATION NO. 8410140

EASTPORT,ME 44 54.2N 66 59.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1929										13.91	13.99	13.95	
1930	13.76	13.97	14.01	13.86	14.00	13.88	14.11	14.04	14.05	14.28	13.94	13.97	13.99
1931	14.06	13.94	14.37	14.08	14.03	14.19	14.14	14.06	14.17	14.22	13.99	14.06	14.11
1932	14.07	14.18	14.28	14.14	14.03	14.23	14.26	14.00	14.18	14.11	14.14	14.09	14.14
1933	14.33	14.18	14.13	14.11	14.23	14.27	14.16	14.21	14.28	14.07	14.23	14.03	14.19
1934	14.08	14.00	13.88	14.13	14.01	14.22	14.14	14.07	13.90	14.11	13.91	14.13	14.05
1935	13.94	13.87	14.02	14.14	14.18	14.14	14.08	14.05	14.04	14.05	14.33	14.50	14.11
1936	14.31	14.14	14.16	14.09	14.02	14.07	14.22	13.95	14.00	14.20	14.08	13.84	14.09
1937	13.95	14.39	14.09	14.10	14.17	14.14	14.23	14.02	14.10	14.11	14.19	14.12	14.13
1938	14.21	14.05	14.15	14.08	14.20	14.07	14.02	14.11	14.01	14.16	14.02	14.11	14.10
1939	14.05	13.96	14.01	14.20	14.13	14.15	14.12	14.08	14.16	14.15	14.09	14.28	14.12
1940	14.16	14.37	14.13	14.17	14.36	14.28	14.10	13.93	14.11	14.12	14.14	14.10	14.16
1941	14.20	14.08	14.09	14.12	14.30	14.28	14.16	14.25	14.23	14.23	14.14	14.07	14.18
1942	13.96	14.34	14.25	14.25	14.08	14.29	14.15	14.11	14.15	14.12	14.13	14.11	14.16
1943	13.86	14.08	13.87	14.06	14.02	14.21	14.12	14.23	14.04	14.31	14.18	13.98	14.08
1944	14.01	14.02	13.92	14.15	14.01	14.23	14.20	14.14	14.10	14.09	14.49	14.06	14.12
1945	14.19	14.05	14.15	14.29	14.40	14.36	14.31	14.21	14.28	14.46	14.65	14.60	14.33
1946	14.37	14.31	14.25	14.43	14.24	14.24	14.17	14.21	14.11	14.31	14.35	14.26	14.27
1947	14.20	14.53	14.61	14.23	14.38	14.43	14.36	14.25	14.17	14.19	14.62	14.23	14.35
1948	14.20	14.16	14.25	14.18	14.35	14.38	14.41	14.28	14.20	14.36	14.35	14.45	14.30
1949	14.19	14.23	14.04	14.27	14.18	14.12	14.24	14.32	14.24	14.20	14.35	14.00	14.20
1950	14.01	14.14	13.95	14.08	13.92	14.11	14.02	14.09	14.20	14.34	14.60	14.55	14.17
1951	14.15	14.08	14.35	14.23	14.31	14.27	14.21	14.24	14.37	14.34	14.42	14.32	14.27
1952	14.20	14.37	14.31	14.18	14.48	14.35	14.16	14.17	14.22	14.17	14.26	14.42	14.27
1953	14.48	14.22	14.26	14.41	14.36	14.25	14.15	14.23	14.26	14.21	14.28	14.35	14.29
1954	14.31	14.28	14.32	14.08	14.40	14.27	14.30	14.28	14.26	14.28	14.24	14.35	14.28
1955	14.47	14.10	14.34	14.41	14.32	14.27	14.19	14.16	14.14	14.33	14.46	14.11	14.28
1956	14.38	14.22	14.33	14.43	14.34	14.38	14.40	14.49	14.38	14.35	14.48	14.38	14.38
1957	14.22	14.23	14.40	14.22	14.42	14.43							
1958										14.42	14.49	14.18	
1959	14.35	14.09	14.25	14.31	14.11	14.30	14.12	14.29	14.21	14.34	14.28	14.45	14.26
1960	14.38	14.65	14.62	14.49	14.52	14.53	14.33	14.37	14.30	14.35	14.35	14.15	14.42
1961	14.27	14.37	14.56	14.71	14.51	14.45	14.40	14.22	14.37	14.55	14.63	14.50	14.46
1962	14.11	14.14	14.49	14.31	14.28	14.34	14.38	14.24	14.24	14.47	14.40	14.49	14.32
1963	14.33	14.00	14.20	14.26	14.14	14.30	14.24	14.30	14.05	14.28	14.56	14.21	14.24
1964	14.28	14.41	14.46	14.06	14.40	14.60	14.51	14.44	14.20	14.35	14.48	14.22	14.37
1965	14.47	14.32	14.25	14.49	14.53	14.52	14.45	14.36	14.43	14.68	14.63	14.55	14.47
1966	14.82	14.52	14.61	14.46	14.63	14.46	14.70	14.24	14.67	14.30	14.30	14.39	14.51
1967	14.46	14.42	14.39	14.54	14.50	14.45	14.69	14.28	14.41	14.40	14.57	14.53	14.47
1968	14.36	14.58	14.57	13.99	14.39	14.26	14.61	14.73	14.45	14.59	14.77	15.02	14.53
1969	14.69	14.32	14.27	14.45	14.62	14.57	14.37	14.41	14.33	14.46	14.80	14.83	14.51
1970	14.71	14.61	14.78	14.71	14.57	14.67	14.53	14.69	14.55	14.47	14.75	14.89	14.66
1971	14.74	14.51	14.65	14.64	14.64	14.60	14.44	14.47	14.48	14.63	14.83	14.54	14.60
1972	14.52	14.68	14.61	14.65	14.66	14.68	14.56	14.70	14.73	14.47	14.66	14.65	14.63

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8410140

EASTPORT,ME 44 54.2N 66 59.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1973	14.60	14.44	14.53	14.62	14.48	14.35	14.45	14.52	14.39	14.39	14.31	14.31	14.45
1974	14.42	14.27	14.36	14.46	14.44	14.50	14.58	14.38	14.26	14.12	14.40	14.36	14.38
1975	14.30	14.44	14.52	14.64	14.56	14.57	14.42	14.47	14.34	14.49	14.58	14.36	14.47
1976	14.46												
1977			14.66	14.47	14.49	14.67	14.62	14.42	14.34	14.53	14.55		
1978	14.50			14.69	14.47	14.26	14.32				14.55		
1979	14.56	14.55	14.24	14.45	14.25	14.28	14.30	14.31	14.33	14.44	14.30	14.36	14.36
1980	14.29	14.44	14.28				14.45		14.33	14.33	14.51	14.26	
1981	14.31	14.21	14.70	14.35	14.44	14.58	14.52	14.36	14.61	14.32	14.61	14.74	14.48
1982	14.36	14.20	14.30	14.38	14.33	14.61	14.48	14.41	14.33	14.63	14.26	14.44	14.39
1983	14.36	14.59	14.67	14.57	14.55	14.71	14.63	14.56	14.50	14.63	14.87	14.59	14.60
1984	14.29	14.43	14.49	14.73	14.58	14.60	14.55	14.51	14.39	14.56	14.65	14.43	14.52
1985	14.61	14.38	14.40	14.44	14.60	14.49	14.47	14.40	14.45	14.44	14.52	14.55	14.48
1986	14.26	14.54	14.28	14.58	14.62	14.57	14.60	14.45	14.40	14.61	14.47	14.40	14.48

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8413320

BAR HARBOR,ME 44 23.5N 68 12.3W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1947									8.74	8.68	9.18	8.74	
1948	8.74	8.68	8.82	8.71	8.94	9.01	9.01	8.93	8.83	8.92	8.85	9.00	8.87
1949	8.74	8.75	8.62	8.80	8.80	8.72	8.85	8.84	8.76	8.78	8.89	8.40	8.75
1950	8.49	8.65	8.44	8.65	8.56	8.71	8.70	8.74	8.88	8.86	9.03	8.91	8.72
1951	8.70	8.58	8.98	8.85	8.96	8.94	8.88	8.90	8.89	8.89	8.94	8.81	8.86
1952	8.85	9.01	8.86	8.82	9.11	9.06	8.83	8.82	8.81	8.83	8.88	9.07	8.91
1953	9.11	8.74	8.86	8.98	8.97	8.88	8.83	8.93	8.90	8.84	8.88	8.89	8.90
1954	8.90	8.89	8.88	8.70	9.07	9.00	8.92	8.91	8.92	8.95	8.86	8.88	8.91
1955	9.05	8.67	8.87	9.04	9.04	9.05	8.94	8.94	8.71	8.96	8.98	8.55	8.90
1956	8.92	8.71	8.88	8.96	8.78	8.92	8.97	9.00	8.87	8.78	8.95	8.78	8.88
1957	8.62	8.75	8.94	8.72	8.95	8.93	8.99	8.83	8.88	8.90	8.97	8.75	8.85
1958	9.15	9.09	9.41	9.18	8.85	8.99	8.96	8.93	9.03	9.05	8.94	8.75	9.03
1959	8.89	8.65	8.82	8.84	8.72	8.99	8.78	8.99	8.82	8.98	8.83	8.98	8.86
1960	8.86	9.28	9.13	9.09	9.16	9.02	8.90	9.03	8.97	9.04	8.94	8.78	9.02
1961	8.82	8.88	8.97	9.24	9.05	8.95	8.94	8.83	8.88	9.00	9.05	8.92	8.96
1962	8.71	8.74	9.09	8.87	8.92	8.96	9.21	8.94	8.93	9.14	9.12	9.26	8.99
1963	9.02	8.72	8.94	8.95	8.88	9.02	9.00	9.02	8.89	8.88	9.27	8.87	8.95
1964	8.99	8.94	8.94	8.61	8.95	8.87	8.84	9.00	8.94	8.88	9.20	8.84	8.92
1965	9.02	9.07	8.89	9.11	8.94	9.11	8.97	9.12	9.13	9.41	9.29	9.21	9.11
1966	9.22	9.08	9.12	9.00	9.02	9.04	9.20	9.10	9.19	9.00	9.32	8.97	9.11
1967	9.12	9.00	8.91	9.12	9.29	9.26	9.33	9.00	9.10	9.04	8.86	8.99	9.08
1968	8.79	8.99	8.86	8.90	9.08	9.13	8.93	9.02	8.93	9.01	9.15	8.95	8.98
1969	8.81	9.13	9.12	8.93	9.00	9.12	9.11	9.18	9.08	9.17	9.21	9.16	9.08
1970	9.07	8.98	9.01	9.08	8.91	9.10	9.05	9.18	9.11	9.03	9.25	9.39	9.10
1971	9.24	9.01	9.18	9.09	9.11	9.10	8.88	9.03	8.98	9.13	9.27	8.98	9.08
1972	8.99	9.05		9.27	9.18				9.24	9.16	9.22		
1973	8.81	8.75	8.83	8.94	8.94	8.92	9.03	9.01	8.97	9.02	8.91	8.88	8.91
1974	9.04	8.94	8.99	9.17	9.09	9.12	9.17	8.96	9.12	8.81	8.99	8.98	9.03
1975	8.91	8.88	8.88	9.01	8.99	9.16	9.12	9.18	9.02	9.09	9.25	9.30	9.07
1976													
1977										9.14		9.16	
1978	9.06	9.43	9.05	9.42	9.17	9.17	9.19	9.22	9.23	9.12	9.11	9.13	9.19
1979	9.28	9.12	8.94	9.15	9.07	9.19	9.19	9.22	9.04	9.17	8.92	8.88	9.10
1980	8.87	9.01	8.84	9.05	9.26	9.18	9.15	9.15	9.09	9.18	9.14	8.87	9.07
1981	8.93	8.87	9.39	8.99	9.19	9.30	9.07	9.06	9.27	9.05	9.27	9.36	9.15
1982	8.94	8.88	8.86	8.92	8.95	9.26	9.12	9.08	9.02	9.25	8.93	9.05	9.02
1983	8.96	9.18	9.31	9.31	9.21	9.23	9.33	9.25	9.18	9.21	9.51	9.23	9.24
1984	8.89	8.95	9.11	9.33	9.17	9.27	9.22	9.21	9.08	9.16	9.29	8.99	9.14
1985	9.19	9.02	8.96	9.08	9.25	9.26	9.25	9.07	9.08	9.04	9.08	9.13	9.12
1986		9.09	8.86	9.20	9.22	9.12	9.27	9.16	9.11	9.22	9.02	9.02	*

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

* DENOTES THAT VALUES ARE CONSIDERED PRELIMINARY AND MAYBE SUBJECTED TO MINOR CHANGES.

RUN DATE 08/19/87

STATION NO. 8418150

PORTLAND, ME 43 39.4N 70 14.8W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1912	12.72	12.87	12.73	13.07	13.14	13.24	13.32	13.36	13.36	13.14	13.16	12.85	13.08
1913	12.87	12.86	12.64	12.98	13.00	13.21	13.17	13.14	13.01	13.32	13.07	13.09	13.03
1914	13.28	12.81	13.00	12.92	13.07	13.01	13.23	13.19	13.29	13.18	13.12	13.03	13.09
1915	12.96	13.06	13.18	12.92	13.31	13.12	13.29	13.23	13.21	13.17	13.22	13.32	13.17
1916	12.94	13.02	13.07	13.25	13.28	13.39	13.11	13.27	13.16	12.98	13.08	13.01	13.13
1917	13.01	12.97	13.05	13.01	13.42	13.28	13.23	13.22	13.08	13.29	13.11	13.02	13.14
1918	13.30	13.03	13.06	13.12	13.05	13.23	13.18	13.07	13.15	13.08	13.20	13.25	13.14
1919	12.96	13.17	13.08	13.22	13.32	13.24	13.33	13.32	13.29	13.20	13.55	13.10	13.23
1920	13.07	13.04	12.80	13.38	13.15	13.31	13.23	13.16	13.25	13.40	13.21	13.30	13.19
1921	13.25	13.13	12.90	13.09	13.33	13.23	13.17	12.95	13.16	13.22	13.21	13.04	13.14
1922	12.62	12.85	13.00	13.18	12.95	13.10	13.05	13.10	13.04	13.20	13.18	12.96	13.02
1923	13.27	13.06	13.01	13.11	13.12	13.16	13.00	12.98	12.89	13.04	13.20	13.01	13.07
1924	12.76	13.03	13.37	13.17	13.22	13.18	13.06	13.18	13.09	13.09	13.03	12.82	13.08
1925	12.98	12.88	12.87	12.98	13.10	13.10	13.11	12.99	13.06	13.06	12.97	12.88	13.00
1926	12.71	13.02	12.71	12.85	12.99	13.05	13.09	13.16	13.07	13.19	12.89	13.03	12.98
1927	12.78	13.07	12.98	13.01	13.12	13.25	13.06	13.14	13.04	13.23	13.20	13.29	13.10
1928	12.86	12.80	12.96	12.85	13.09	13.20	13.13	13.21	13.23	13.07	13.05	12.76	13.02
1929	12.66	12.91	13.09	13.27	12.90	13.23	13.07	13.00	13.02	13.01	12.98	12.80	13.00
1930	12.78	12.79	12.86	12.84	13.05	13.04	13.25	13.06	13.10	13.28	12.80	12.89	12.98
1931	12.89	12.85	13.41	13.16	13.07	13.33	13.21	13.15	13.18	13.13	12.83	12.85	13.09
1932	13.02	13.03	13.12	13.04	12.94	13.17	13.31	13.21	13.31	13.03	13.27	13.01	13.12
1933	13.22	13.00	13.18	13.27	13.26	13.34	13.31	13.22	13.29	13.10	13.11	12.95	13.19
1934	12.95	12.76	12.70	13.10	12.99	13.26	13.24	13.10	13.13	13.23	12.95	13.01	13.04
1935	13.07	12.84	12.99	13.31	13.17	13.38	13.15	13.17	13.12	13.04	13.32	13.26	13.15
1936	13.16	13.06	13.17	13.13	13.10	13.21	13.35	13.16	13.15	13.20	13.01	12.87	13.13
1937	12.88	13.34	12.98	13.13	13.31	13.29	13.29	13.14	13.12	13.11	13.15	13.03	13.15
1938	13.15	13.07	13.22	13.13	13.31	13.23	13.20	13.29	13.16	13.29	13.15	13.04	13.19
1939	12.93	12.87	12.95	13.11	13.16	13.22	13.21	13.22	13.21	13.20	12.99	13.16	13.10
1940	13.05	13.35	13.15	13.24	13.46	13.42	13.24	13.13	13.19	13.19	13.12	13.11	13.22
1941	13.17	13.11	13.05	13.14	13.31	13.34	13.28	13.28	13.20	13.18	13.08	13.04	13.18
1942	12.98	13.26	13.23	13.29	13.23	13.39	13.31	13.20	13.27	13.19	13.19	13.07	13.22
1943	12.84	12.97	12.83	13.09	13.10	13.31	13.28	13.39	13.24	13.49	13.39	12.96	13.16
1944	13.03	12.99	12.93	13.19	13.12	13.41	13.35	13.30	13.28	13.21	13.60	13.10	13.21
1945	13.12	13.02	13.21	13.23	13.46	13.36	13.27	13.25	13.21	13.36	13.43	13.46	13.28
1946	13.17	13.20	13.23	13.45	13.34	13.42	13.33	13.46	13.37	13.43	13.46	13.27	13.34
1947	13.19	13.56	13.63	13.30	13.45	13.59	13.44	13.36	13.33	13.26	13.67	13.19	13.41
1948	13.20	13.16	13.28	13.23	13.54	13.55	13.56	13.41	13.34	13.47	13.43	13.50	13.39
1949	13.29	13.28	13.09	13.36	13.33	13.21	13.34	13.36	13.29	13.25	13.32	12.82	13.24
1950	12.97	13.13	12.90	13.23	13.09	13.24	13.23	13.28	13.37	13.33	13.55	13.45	13.23
1951	13.16	13.12	13.64	13.46	13.49	13.48	13.40	13.45	13.37	13.45	13.39	13.26	13.39
1952	13.37	13.38	13.40	13.33	13.66	13.54	13.32	13.35	13.33	13.23	13.30	13.53	13.40
1953	13.52	13.14	13.47	13.49	13.56	13.35	13.30	13.40	13.35	13.35	13.36	13.20	13.37
1954	13.31	13.43	13.39	13.20	13.73	13.58	13.49	13.38	13.48	13.49	13.37	13.31	13.43
1955	13.47	13.21	13.24	13.51	13.50	13.56	13.45	13.46	13.31	13.57	13.44	13.11	13.40

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8418150

PORTLAND,ME 43 39.4N 70 14.8W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1956	13.45	13.13	13.26	13.50	13.32	13.44	13.50	13.54	13.40	13.24	13.36	13.26	13.37
1957	12.98	13.09	13.40	13.13	13.33	13.39	13.48	13.31	13.33	13.37	13.40	13.21	13.28
1958	13.45	13.48	13.78	13.71	13.42	13.40	13.49	13.47	13.51	13.50	13.39	13.18	13.48
1959	13.27	12.99	13.20	13.35	13.20	13.45	13.17	13.41	13.30	13.44	13.29	13.33	13.28
1960	13.34	13.69	13.43	13.54	13.67	13.52	13.39	13.48	13.33	13.44	13.31	13.14	13.44
1961	13.24	13.39	13.59	13.83	13.49	13.29	13.36	13.27	13.36	13.52	13.55	13.41	13.44
1962	13.01	13.17	13.48	13.25	13.35	13.33	13.55	13.31	13.28	13.53	13.43	13.40	13.34
1963	13.15	12.90	13.24	13.33	13.20	13.33	13.36	13.28	13.21	13.21	13.62	13.16	13.25
1964	13.29	13.11	13.16	12.93	13.23	13.29	13.26	13.31	13.32	13.32	13.44	13.23	13.24
1965	13.22	13.23	13.13	13.28	13.30	13.37	13.26	13.17	13.26	13.37	13.41	13.22	13.27
1966	13.51	13.26	13.35	13.25	13.36	13.35	13.45	13.39	13.41	13.12	13.25	13.15	13.32
1967	13.22	13.17	13.15	13.47	13.55	13.40	13.43	13.32	13.28	13.23	13.16	13.29	13.31
1968	12.99	13.19	13.26	13.27	13.55	13.65	13.41	13.86	13.52	13.40	13.57	13.35	13.42
1969	13.23	13.61	13.58	13.55	13.60	13.64	13.54	13.60	13.53	13.62	13.68	13.73	13.58
1970	13.55	13.41	13.44	13.56	13.48	13.66	13.60	13.73	13.68	13.66	13.88	13.92	13.63
1971	13.59	13.49	13.65	13.71	13.75	13.67	13.53	13.51	13.56	13.66	13.71	13.31	13.60
1972	13.28	13.42	13.56	13.62	13.66	13.74	13.61	13.49	13.62	13.46	13.65	13.48	13.55
1973	13.20	13.12	13.37	13.50	13.49	13.45	13.52	13.50	13.48	13.46	13.19	13.21	13.37
1974	13.23	13.30	12.95	13.43	13.41	13.37	13.51	13.26	13.49	13.13	13.43	13.37	13.32
1975	13.22	13.26	13.36	13.44	13.41	13.52	13.48	13.53	13.40	13.74	13.76	13.56	13.47
1976	13.49	13.41	13.43	13.68	13.56	13.56	13.80	13.68	13.75	13.60	13.60	13.39	13.58
1977	13.47	13.38	13.64	13.46	13.75	13.88	13.65	13.68	13.82	13.74	13.65	13.71	13.65
1978	13.55	13.82	13.39	13.68	13.61	13.61	13.62	13.75	13.68	13.52	13.51	13.50	13.60
1979	13.66	13.40	13.35	13.57	13.51	13.55	13.61	13.64	13.50	13.58	13.36	13.23	13.50
1980	13.26	13.38	13.27	13.48	13.69	13.62	13.61	13.57	13.46	13.46	13.48	13.24	13.46
1981	13.27	13.26	13.70	13.27	13.55	13.70	13.54	13.53	13.73	13.47	13.66	13.64	13.53
1982	13.27	13.14	13.17	13.19	13.42	13.70	13.54	13.52	13.41	13.61	13.27	13.38	13.38
1983	13.34	13.59	13.76	13.77	13.68	13.54	13.67	13.63	13.53	13.61	13.84	13.46	13.62
1984	13.23	13.38	13.50	13.81	13.55	13.65	13.47	13.62	13.44	13.58	13.60	13.31	13.51
1985	13.43	13.27	13.25	13.37	13.58	13.58	13.52	13.47	13.44	13.35	13.51	13.44	13.43
1986	13.14	13.41	13.17	13.64	13.67	13.49	13.58	13.49	13.45	13.54	13.34	13.30	13.44

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8419870
SEAVEY IS,ME(PORTSMOUTH,NH) 43 04.9N 70 44.7W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1926									6.21	6.36	6.08	6.18	
1927	6.00	6.31	6.21	6.19	6.35	6.39	6.27	6.36	6.36	6.41	6.35	6.50	6.31
1928	6.09	5.98	6.21	6.13	6.37	6.42	6.37	6.36	6.35	6.20	6.13	5.97	6.22
1929	5.86	6.16	6.32	6.58	6.14	6.41	6.23	6.26	6.26	6.12	6.12	6.01	6.21
1930	5.91	6.02	6.13	6.04	6.26	6.15	6.35	6.33	6.32	6.50	6.05	6.17	6.19
1931	6.17	6.07	6.62	6.32	6.34	6.62	6.46	6.44	6.43	6.38	6.09	6.15	6.34
1932	6.32	6.33	6.37	6.34	6.13	6.35	6.43	6.33	6.49	6.26	6.51	6.29	6.35
1933	6.47	6.22	6.41	6.54	6.46	6.52	6.47	6.45	6.54	6.38	6.29	6.22	6.41
1934	6.15	5.99	5.93	6.40	6.23	6.52	6.40	6.26	6.39	6.50	6.22	6.25	6.27
1940	6.26	6.61	6.37	6.50	6.58	6.59	6.41	6.28	6.35	6.40	6.31	6.29	6.41
1941	6.47	6.38	6.28	6.37	6.53	6.57	6.49	6.51	6.44	6.43	6.34	6.30	6.43
1943	6.13	6.21	6.16	6.41	6.42	6.60	6.54	6.66	6.52	6.67	6.59	6.13	6.42
1944	6.22	6.16	6.19	6.45	6.32	6 58	6.54	6.49	6.46	6.46	6.83	6.37	6.42
1945	6.38	6.33	6.56	6.49	6.78	6.66	6.53	6.49	6.49	6.57	6.77	6.78	6.57
1946	6.37	6.36	6.44	6.66	6.55	6.53	6.45	6.60	6.43	6.53	6.49	6.32	6.48
1947	6.26	6.56	6.74	6.39	6.61	6.70	6.56	6.48	6.37	6.34	6.77	6.26	6.50
1948	6.26	6.19	6.40	6.34	6.65	6.71	6.69	6.51	6.45	6.61	6.47	6.59	6.49
1949	6.45	6.44	6.29	6.51	6.44	6.31	6.45	6.52	6.39	6.38	6.54	5.98	6.39
1950	6.14	6.23	6.08	6.43	6.20	6.32	6.34	6.40	6.56	6.46	6.71	6.60	6.37
1951	6.37	6.35	6.79	6.61	6.69	6.69	6.52	6.56	6.46	6.51	6.61	6.38	6.54
1952	6.48	6.60	6.64	6.57	6.79	6.61	6.41	6.38	6.42	6.37	6.44	6.66	6.53
1953	6.67	6.37	6.63	6.69	6.73	6.52	6.46	6.48	6.50	6.48	6.53	6.37	6.54
1954	6.45	6.52	6.51	6.32	6.93	6.68	6.60	6.57	6.63	6.61	6.53	6.52	6.57
1955	6.64	6.33	6.45	6.78	6.64	6.73	6.58	6.58	6.34	6.67	6.69	6.18	6.55
1956	6.70	6.32	6.51	6.70	6.41	6.62	6.60	6.67	6.57	6.44	6.55	6.46	6.55
1957	6.16	6.27	6.60	6.28	6.52	6.48	6.61	6.45	6.41	6.52	6.52	6.35	6.43
1958	6.76	6.68	7.03	6.94	6.55	6.58	6.51	6.54	6.60	6.64	6.51	6.33	6.64
1959	6.36	6.11	6.37	6.50	6.31	6.60	6.42	6.54	6.47	6.61	6.49	6.59	6.45
1960	6.52	6.77	6.72	6.81	6.96	6.78	6.66	6.68	6.58	6.65	6.52	6.29	6.66
1961	6.31	6.45	6.70	6.99	6.62	6.48	6.58	6.39	6.48	6.69	6.62	6.53	6.57
1962	6.19	6.37	6.71	6.45	6.55	6.51	6.54	6.56	6.53	6.70	6.72	6.64	6.54
1963	6.36	6.11	6.44	6.58	6.43	6.53	6.55	6.50	6.47	6.40	6.84	6.38	6.47
1964	6.47	6.51	6.50	6.17	6.46	6.45	6.44	6.52	6.44	6.54	6.55	6.34	6.45
1965	6.39	6.42	6.43	6.58	6.52	6.56	6.43	6.40	6.41	6.53	6.56	6.40	6.47
1966	6.72	6.50	6.60	6.60	6.52	6.55	6.68	6.58	6.70	6.36	6.52	6.44	6.56
1967	6.51	6.34	6.43	6.83	6.80	6.57	6.61	6.49	6.48	6.45	6.44	6.55	6.54
1968	6.16	6.48	6.64	6.49	6.81	6.92	6.52	6.54	6.53	6.52	6.77	6.52	6.58
1969	6.29	6.76	6.62	6.54	6.55	6.71	6.70	6.74	6.82	6.76	6.84	6.85	6.68
1970	6.71	6.55	6.59	6.72	6.52	6.66	6.62	6.78	6.68	6.66	6.90	6.94	6.69
1971	6.63	6.54	6.69	6.76	6.78	6.69	6.58	6.54	6.56	6.71	6.79	6.39	6.64
1972	6.33	6.48	6.66	6.74	6.76	6.83	6.71	6.65	6.75	6.59	6.89	6.81	6.68
1973	6.69	6.66	6.81	6.92			6.74	6.74	6.66	6.64	6.51	6.57	
1974	6.58	6.50	6.29	6.61	6.71	6.73	6.77	6.51	6.66	6.34	6.63	6.64	6.58
1975	6.44	6.47	6.56	6.73	6.65	6.73	6.66	6.73	6.54	6.76	6.74	6.60	6.63

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8419870
SEAVEY IS,ME(PORTSMOUTH,NH) 43 04.9N 70 44.7W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1976	6.51	6.48	6.55	6.69	6.52	6.56	6.75	6.65	6.71	6.66	6.41	6.14	6.55
1977	6.47	6.38	6.67	6.42	6.70	6.81	6.60	6.63	6.81	6.84	6.65	6.81	6.65
1978	6.62	6.89	6.29	6.65	6.52	6.44	6.42			6.40	6.39	6.41	
1979	6.77	6.49	6.48	6.68	6.63	6.58	6.60	6.72	6.36	6.64	6.37	6.31	6.55
1980	6.28	6.42	6.28	6.53	6.73	6.60	6.59	6.59	6.47	6.54	6.48	6.24	6.48
1981	6.16	6.23	6.78	6.38	6.62	6.68	6.62	6.60	6.70	6.46	6.75	6.68	6.56
1982	6.30	6.17	6.27	6.31	6.50	6.84	6.53	6.55	6.54	6.76	6.35	6.49	6.47
1983	6.47	6.79	7.03	7.04	6.87	6.85	6.86	6.73	6.52	6.56	6.89	6.50	6.76
1984					6.58	6.71	6.53	6.61	6.40	6.53	6.56	6.34	
1985	6.56	6.39	6.36	6.44	6.66	6.58	6.58	6.74	6.70	6.52	6.69	6.58	6.57
1986	6.27	6.57	6.33	6.89	6.85	6.72							

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8443970

BOSTON,MA 42 21.3N 71 03.0W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1921	8.28	8.15	7.93	8.12	8.38	8.30	8.24	8.05	8.17	8.13	8.29	8.10	8.18
1922	7.76	7.85	8.02	8.11	8.09	8.20	8.22	8.21	8.18	8.22	8.22	8.03	8.09
1923	8.14	7.96	7.96	8.09	8.09	8.23	8.06	8.02	7.98	8.10	8.26	8.04	8.08
1924	7.75	8.11	8.44	8.18	8.26	8.19	8.08	8.17	8.12	8.13	8.06	7.74	8.10
1925	7.97	7.82	7.79	8.01	8.10	8.11	8.11	8.11	8.18	8.09	8.01	8.01	8.03
1926	7.77	8.22	7.81	7.97	8.07	8.07	8.14	8.23	8.15	8.25	7.96	8.09	8.06
1927	7.90	8.24	8.03	8.05	8.21	8.25	8.14	8.22	8.19	8.26	8.21	8.33	8.17
1928	7.91	7.80	8.00	7.91	8.20	8.25	8.21	8.25	8.27	8.09	8.07	7.85	8.07
1929	7.70	8.05	8.11	8.42	7.92	8.30	8.09	8.16	8.20	8.09	8.07	8.01	8.09
1930	7.86	7.90	7.93	7.88	8.07	8.02	8.19	8.22	8.23	8.50	7.99	8.15	8.08
1931	8.10	8.05	8.58	8.12	8.20	8.49	8.36	8.35	8.33	8.30	7.99	8.05	8.24
1932	8.20	8.24	8.25	8.15	8.00	8.24	8.29	8.21	8.34	8.18	8.41	8.13	8.22
1933	8.42	8.05	8.25	8.35	8.33	8.43	8.36	8.35	8.47	8.32	8.20	8.11	8.30
1934	8.02	7.83	7.77	8.19	8.01	8.36	8.24	8.14	8.28	8.40	8.09	8.07	8.12
1935	8.14	7.91	8.06	8.45	8.19	8.41	8.26	8.31	8.22	8.15	8.55	8.32	8.25
1936	8.22	8.11	8.25	8.16	8.14	8.27	8.42	8.22	8.26	8.25	8.10	7.90	8.19
1937	7.92	8.45	8.06	8.29	8.39	8.37	8.42	8.24	8.34	8.32	8.32	8.26	8.28
1938	8.33	8.19	8.32	8.19	8.40	8.31	8.28	8.41	8.31	8.54	8.25	8.28	8.32
1939	8.18	8.05	8.20	8.33	8.44	8.49	8.40	8.41	8.43	8.40	8.31	8.36	8.33
1940	8.16	8.52	8.20	8.35	8.56	8.50	8.35	8.25	8.34	8.38	8.26	8.27	8.34
1941	8.39	8.25	8.26	8.33	8.47	8.52	8.42	8.46	8.39	8.34	8.30	8.30	8.37
1942	8.16	8.36	8.44	8.41	8.41	8.55	8.44	8.46	8.57	8.45	8.44	8.28	8.41
1943	8.15	8.21	8.06	8.25	8.28	8.45	8.45	8.51	8.49	8.74	8.55	8.07	8.35
1944	8.23	8.13	8.14	8.31	8.27	8.57	8.48	8.47	8.46	8.48	8.90	8.25	8.39
1945	8.38	8.32	8.51	8.45	8.71	8.67	8.51	8.53	8.50	8.54	8.82	8.80	8.56
1946	8.31	8.36	8.40	8.57	8.50	8.45	8.41	8.64	8.49	8.52	8.48	8.31	8.45
1947	8.24	8.48	8.62	8.33	8.54	8.65	8.54	8.48	8.45	8.36	8.84	8.30	8.49
1948	8.30	8.28	8.38	8.33	8.63	8.71	8.69	8.54	8.50	8.71	8.53	8.60	8.52
1949	8.34	8.25	8.25	8.44	8.43	8.32	8.43	8.52	8.35	8.40	8.54	7.99	8.36
1950	8.06	8.22	7.98	8.30	8.11	8.26	8.37	8.42	8.62	8.51	8.74	8.59	8.35
1951	8.37	8.30	8.69	8.52	8.72	8.69	8.51	8.57	8.52	8.59	8.55	8.35	8.53
1952	8.45	8.61	8.60	8.48	8.80	8.58	8.44	8.43	8.49	8.38	8.50	8.61	8.53
1953	8.64	8.29	8.52	8.65	8.70	8.54	8.48	8.55	8.46	8.56	8.58	8.35	8.53
1954	8.47	8.53	8.45	8.22	8.66	8.65	8.53	8.57	8.54	8.66	8.54	8.46	8.52
1955	8.61	8.27	8.36	8.77	8.60	8.70	8.50	8.68	8.41	8.73	8.68	8.21	8.54
1956	8.72	8.30	8.57	8.58	8.37	8.61	8.57	8.69	8.63	8.52	8.58	8.48	8.55
1957	8.14	8.27	8.54	8.24	8.53	8.52	8.57	8.46	8.40	8.59	8.58	8.32	8.43
1958	8.85	8.72	9.11	8.89	8.54	8.59	8.62	8.56	8.66	8.74	8.58	8.32	8.68
1959	8.35	8.11	8.35	8.50	8.36	8.59	8.31	8.59	8.54	8.66	8.45	8.54	8.45
1960	8.56	8.79	8.69	8.57	8.73	8.75	8.63	8.65	8.61	8.67	8.50	8.36	8.63
1961	8.36	8.48	8.66	8.95	8.63	8.53	8.60	8.48	8.58	8.78	8.70	8.55	8.61
1962	8.09	8.36	8.75	8.41	8.52	8.57	8.60	8.58	8.62	8.74	8.64	8.57	8.54
1963	8.34	8.09	8.39	8.49	8.39	8.49	8.57	8.51	8.58	8.53	8.85	8.33	8.46
1964	8.50	8.48	8.50	8.16	8.49	8.48	8.47	8.54	8.55	8.61	8.64	8.37	8.48

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8443970

BOSTON,MA 42 21.3N 71 03.0W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1965	8.38	8.41	8.37	8.53	8.51	8.59	8.52	8.45	8.42	8.58	8.58	8.48	8.48
1966	8.69	8.45	8.51	8.51	8.47	8.51	8.65	8.54	8.68	8.41	8.44	8.39	8.52
1967	8.53	8.35	8.44	8.73	8.78	8.62	8.62	8.55	8.59	8.48	8.48	8.61	8.56
1968	8.22	8.43	8.48	8.44	8.68	8.80	8.56	8.55	8.55	8.52	8.80	8.49	8.54
1969	8.20	8.78	8.64	8.48	8.46	8.62	8.65	8.68	8.82	8.97	9.09	8.89	8.69
1970	8.63	8.49	8.54	8.63	8.45	8.61	8.53	8.67	8.61	8.58	8.84	8.91	8.62
1971	8.58	8.51	8.66	8.74	8.76	8.68	8.54	8.55	8.60	8.83	9.01	8.58	8.67
1972	8.42	8.58	8.76	8.79	8.83	8.88	8.74	8.65	8.80	8.65	8.95	8.80	8.74
1973	8.67	8.66	8.81	8.85	8.82	8.72	8.87	8.86	8.74	8.66	8.55	8.56	8.73
1974	8.52	8.53	8.41	8.62	8.70	8.73	8.77	8.56	8.77	8.41	8.71	8.63	8.61
1975	8.43	8.48	8.50	8.65	8.66	8.77	8.67	8.76	8.64	8.85	8.78	8.61	8.65
1976	8.49	8.38	8.44	8.65	8.50	8.52	8.75	8.67	8.70	8.61	8.45	8.14	8.52
1977	8.32	8.32	8.54	8.37	8.69	8.87	8.57	8.60	8.87	8.82	8.71	8.83	8.63
1978	8.60	8.93	8.46	8.75	8.70	8.61	8.61	8.67	8.71	8.62	8.64	8.51	8.65
1979	8.76	8.40	8.34	8.64	8.61	8.58	8.64	8.70	8.53	8.65	8.42	8.34	8.55
1980	8.33	8.46	8.32	8.57	8.77	8.67	8.61	8.60	8.54	8.64	8.60	8.25	8.53
1981	8.18	8.20	8.70	8.35	8.66	8.70	8.68	8.72	8.84	8.57	8.81	8.75	8.60
1982	8.36	8.32	8.32	8.32	8.57	9.01	8.64	8.59	8.60	8.87	8.40	8.54	8.54
1983	8.51	8.81	8.97	8.95	8.74	8.75	8.83	8.80	8.72	8.84	9.02	8.65	8.80
1984	8.45	8.60	8.80	9.07	8.74	8.86	8.69	8.84	8.55	8.74	8.74	8.56	8.72
1985	8.70	8.55	8.49	8.60	8.85	8.78	8.74	8.78	8.79	8.65	8.90	8.69	8.71
1986	8.32	8.65	8.37	8.87	8.84	8.73	8.82	8.67	8.62	8.76	8.53	8.51	8.64

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8447930

WOODS HOLE, MA 41 31.5N 70 40.4W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1932								3.13	3.27	3.03	3.20	2.98	
1933	3.19	2.92	3.02	3.07	3.10	3.27	3.24	3.27	3.44	3.22	3.04	2.88	3.14
1934	2.85	2.39	2.47	2.89	2.87	3.19	3.15	3.04	3.16	3.23	2.95	2.89	2.92
1935	2.87	2.68	2.82	3.18	3.01	3.24	3.15	3.18	3.15	3.05	3.39	3.07	3.07
1936	2.88	2.79	3.00	2.93	2.96	3.14	3.33	3.17	3.19	3.26	2.99	2.86	3.04
1937	2.90	3.27	2.88	3.06	3.12	3.16	3.26	3.12	3.26	3.22	3.13	3.05	3.12
1938	3.10	2.99	3.05	2.92	3.18	3.12	3.12	3.23	3.23	3.34	3.08	3.00	3.11
1939	2.93	2.90	2.95	3.09	3.11	3.24	3.26	3.26	3.30	3.24	3.10	3.08	3.12
1940	2.94	3.28	2.96	2.99	3.25	3.32	3.22	3.16	3.28	3.28	3.09	3.10	3.16
1941	3.16	3.01	2.92	3.07	3.18	3.32	3.31	3.32	3.23	3.23	3.13	3.07	3.16
1942	2.95	3.07	3.14	3.17	3.13	3.34	3.31	3.28	3.45	3.35	3.31	3.08	3.22
1943	2.95	3.03	2.87	3.01	3.04	3.28	3.29	3.39	3.31	3.53	3.32	2.89	3.16
1944	3.02	2.97	2.97	3.09	3.03	3.37	3.38	3.35	3.34	3.35	3.65	2.99	3.21
1945	2.97	3.00	3.12	3.13	3.38	3.34	3.37	3.34	3.38	3.44	3.57	3.55	3.30
1946	3.10	3.07	3.14	3.36	3.25	3.28	3.30	3.45	3.37	3.45	3.39	3.11	3.27
1947	3.06	3.14	3.28	3.08	3.22	3.44	3.38	3.33	3.34	3.27	3.62	3.00	3.26
1948	3.01	3.07	3.12	3.06	3.30	3.41	3.47	3.41	3.41	3.54	3.37	3.44	3.30
1949	3.14	3.14	2.93	3.22	3.21	3.10	3.25	3.39	3.31	3.32	3.40	2.80	3.18
1950	2.88	2.98	2.70	3.00	2.91	3.09	3.14	3.29	3.39	3.35	3.49	3.26	3.12
1951	3.04	2.99	3.38	3.18	3.36	3.44	3.32	3.43	3.38	3.44	3.31	3.08	3.28
1952	3.14	3.21	3.23	3.13	3.48	3.37	3.27	3.29	3.37	3.29	3.36	3.40	3.30
1953	3.39	2.90	3.22	3.29	3.44	3.33	3.32	3.39	3.40	3.39	3.37	3.14	3.30
1954	3.18	3.18	3.12	3.03	3.49	3.48	3.45	3.45	3.42	3.44	3.29	3.18	3.31
1955	3.34	3.03	3.06	3.42	3.33	3.50	3.44	3.49	3.33	3.61	3.47	3.00	3.34
1956	3.37	3.00	3.21	3.32	3.15	3.36	3.43	3.57	3.51	3.42	3.39	3.26	3.33
1957	2.96	3.12	3.38	3.02	3.34	3.37	3.48	3.38	3.38	3.51	3.39	3.17	3.29
1958	3.51	3.37	3.77	3.55	3.27	3.45	3.44	3.49	3.55	3.64	3.50	3.21	3.48
1959	3.08	2.92	3.15	3.23	3.12	3.44	3.22	3.49	3.40	3.56	3.30	3.30	3.27
1960	3.23	3.42	3.34	3.30	3.46	3.54	3.50	3.53	3.47	3.60	3.34	3.12	3.40
1961	3.15	3.33	3.46	3.54	3.34	3.29	3.42	3.31	3.49	3.62	3.51	3.33	3.40
1962	3.02	3.37	3.58	3.17	3.33	3.46	3.54	3.51	3.50	3.62	3.56	3.38	3.42
1963	3.16	2.91	3.26	3.36	3.19	3.40	3.45	3.46	3.46	3.38	3.68	3.14	3.32
1964	3.18	3.22	3.12	2.96	3.22	3.37	3.41	3.40	3.30	3.31	3.32	3.02	3.24
1965	3.08	3.04	3.00										
1966	3.36	3.14	3.20	3.30	3.32	3.37	3.55	3.48	3.58	3.30	3.34	3.20	3.34
1967	3.22												
1968													
1969									3.66	3.71	3.70	3.62	
1970	3.40	3.42	3.42	3.52	3.38	3.49	3.51	3.64	3.59	3.56	3.74	3.68	3.53
1971	3.52	3.34	3.50	3.55	3.59	3.60	3.51	3.53	3.61	3.73	3.76	3.29	3.54
1972	3.25	3.35	3.44	3.46	3.53	3.72	3.58	3.58	3.72	3.61	3.86	3.65	3.56
1973	3.46	3.45	3.64	3.60	3.58	3.47	3.60	3.61	3.65	3.59	3.32	3.32	3.52
1974	3.37	3.34	3.19	3.30	3.44	3.52	3.62	3.45	3.55	3.30	3.47	3.49	3.42
1975	3.23	3.27	3.30	3.37	3.47	3.56	3.54	3.64	3.55	3.66	3.70	3.46	3.48

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8447930

WOODS HOLE,MA 41 31.5N 70 40.4W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1976	3.32	3.18	3.30	3.38	3.34	3.43	3.67	3.55	3.65	3.55	3.26	2.94	3.38
1977	3.05	3.07	3.20	3.10	3.41	3.66	3.46	3.51	3.77	3.65	3.48	3.57	3.41
1978	3.33	3.60	3.26	3.52	3.47	3.48	3.54	3.63	3.72	3.57	3.58	3.38	3.51
1979	3.60	3.22	3.20	3.37	3.40	3.44	3.55	3.60	3.53	3.55	3.32	3.19	3.41
1980	3.20	3.29	3.15	3.34	3.52	3.48	3.54	3.58	3.49	3.51	3.42	3.08	3.38
1981	2.99	3.04	3.42	3.15	3.48	3.58	3.58	3.63	3.75	3.52	3.64	3.51	3.44
1982	3.16	3.16	3.21	3.09	3.36	3.74	3.56	3.58	3.58	3.78	3.36	3.50	3.42
1983	3.41	3.62	3.70	3.70	3.59	3.62	3.80	3.83	3.76	3.81	3.95	3.55	3.70
1984	3.37	3.40	3.52	3.80	3.59	3.68	3.64	3.75	3.65	3.78	3.76	3.39	3.61
1985	3.47	3.34	3.26	3.38	3.56	3.63	3.65	3.69	3.72	3.65	3.74	3.55	3.55
1986	3.20	3.51	3.23	3.73	3.62	3.59	3.77	3.65	3.63	3.78	3.53	3.44	3.56

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8452660

NEWPORT,RI 41 30.3N 71 19.6W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1930										3.27	2.76	2.89	
1931	2.81	2.78	3.31	2.76	2.98	3.26	3.27	3.22	3.25	3.20	2.89	2.84	3.05
1932	2.99	3.03	2.95	2.92	2.86	3.14	3.26	3.19	3.34	3.10	3.27	2.98	3.09
1933	3.20	2.84	2.96	3.09	3.17	3.30	3.31	3.34	3.41	3.22	3.08	2.95	3.16
1934	2.81	2.54	2.62	2.98	2.93	3.34	3.14	3.11	3.20	3.20	2.94	2.86	2.97
1935	2.90	2.71	2.85	3.19	3.03	3.23	3.17	3.22	3.20	3.13	3.46	3.07	3.10
1936	2.89	2.86	3.04	2.96	2.98	3.17	3.33	3.18	3.24	3.25	2.96	2.84	3.06
1937	2.90	3.25	2.86	3.13	3.14	3.23	3.31	3.19	3.31	3.26	3.16	3.07	3.15
1938	3.20	3.09	3.11	2.98	3.24	3.19	3.22	3.34	3.27	3.47	3.17	3.07	3.20
1939	2.93	2.95	3.04	3.21	3.23	3.32	3.34	3.38	3.41	3.29	3.11	3.10	3.19
1940	2.97	3.33	3.01	3.11	3.35	3.34	3.28	3.24	3.34	3.39	3.15	3.14	3.22
1941	3.21	3.02	2.90	3.12	3.21	3.32	3.37	3.37	3.29	3.25	3.14	3.07	3.19
1942	3.00	3.07	3.24	3.24	3.21	3.44	3.45	3.36	3.51	3.38	3.32	3.04	3.27
1943	2.94	3.03	2.90	3.02	3.10	3.34	3.32	3.48	3.40	3.55	3.33	2.88	3.19
1944	2.95	2.94	3.04	3.14	3.07	3.41	3.37	3.40	3.43	3.41	3.68	3.00	3.24
1945	2.95	2.98	3.14	3.14	3.39	3.37	3.39	3.37	3.42	3.45	3.52	3.54	3.30
1946	3.11	3.01	3.20	3.36	3.30	3.33	3.32	3.54	3.40	3.50	3.34	3.00	3.28
1947	3.02	3.02	3.24	3.16	3.31	3.47	3.42	3.41	3.36	3.30	3.69	3.00	3.28
1948	3.02	3.08	3.21	3.09	3.36	3.50	3.53	3.49	3.43	3.58	3.41	3.49	3.35
1949	3.18	3.20	2.99	3.27	3.27	3.24	3.38	3.46	3.38	3.43	3.40	2.81	3.25
1950	2.95	3.05	2.74	3.06	2.96	3.10	3.20	3.32	3.46	3.42	3.52	3.35	3.18
1951	3.11	3.06	3.47	3.29	3.42	3.55	3.40	3.55	3.43	3.48	3.37	3.11	3.35
1952	3.19	3.20	3.27	3.21	3.52	3.42	3.32	3.41	3.46	3.30	3.40	3.46	3.35
1953	3.49	3.07	3.29	3.37	3.53	3.40	3.39	3.46	3.50	3.48	3.48	3.19	3.39
1954	3.25	3.22	3.15	3.12	3.53	3.52	3.52	3.48					
1955							3.47	3.55	3.41	3.69	3.47	3.02	
1956	3.42	3.06	3.26	3.40	3.21	3.43	3.50	3.62	3.56	3.47	3.41	3.24	3.38
1957	2.97	3.15	3.40	3.01	3.35	3.39	3.49	3.40	3.40	3.51	3.37	3.19	3.30
1958	3.48	3.33	3.73	3.51	3.30	3.45	3.53	3.55	3.60	3.71	3.48	3.16	3.49
1959	3.07	2.91	3.12	3.28	3.12	3.46	3.27	3.53	3.44	3.54	3.34	3.38	3.29
1960	3.35	3.38	3.44	3.42	3.62	3.60	3.57	3.59	3.56	3.60	3.38	3.15	3.47
1961	3.15	3.35	3.49	3.59	3.33	3.40	3.50	3.38	3.56	3.63	3.41	3.25	3.42
1962	2.99	3.32	3.57	3.17	3.30	3.43	3.55	3.55	3.49	3.65	3.60	3.28	3.41
1963	3.16	2.84	3.25	3.38	3.21	3.42	3.46	3.41	3.47	3.39	3.63	3.14	3.31
1964	3.19	3.11	3.23	2.98	3.24	3.31	3.41	3.44	3.45	3.45	3.48	3.18	3.29
1965	3.26	3.22	3.17	3.35	3.32	3.38	3.36	3.30	3.40	3.47	3.44	3.27	3.33
1966	3.37	3.18	3.24	3.24	3.24	3.31	3.44	3.40	3.65	3.31	3.51	3.26	3.35
1967	3.28	3.18	3.21	3.40	3.50	3.44	3.49	3.48	3.50	3.47	3.34	3.45	3.40
1968	3.01	3.14	3.15	3.11	3.56	3.65	3.48	3.56	3.35	3.44	3.61	3.19	3.35
1969	3.13	3.39	3.35	3.30	3.36	3.56	3.58	3.66	3.72	3.71	3.75	3.61	3.51
1970	3.36	3.38	3.32	3.44	3.33	3.55	3.57	3.67	3.60	3.62	3.78	3.68	3.52
1971	3.48	3.38	3.44	3.52	3.55	3.58	3.52	3.54	3.60	3.72	3.76	3.28	3.53
1972	3.24	3.31	3.47	3.49	3.65	3.83	3.71	3.68	3.81	3.61	3.87	3.68	3.61
1973	3.47	3.48	3.58	3.60	3.68	3.53	3.68	3.69	3.71	3.62	3.36	3.36	3.56

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8452660

NEWPORT,RI 41 30.3N 71 19.6W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1974	3.43	3.38	3.22	3.34	3.47	3.55	3.66	3.52	3.64	3.32	3.51	3.45	3.46
1975	3.26	3.26	3.34	3.36	3.50	3.52	3.60	3.64	3.53	3.74	3.70	3.45	3.49
1976	3.30	3.22	3.28	3.32	3.37	3.42	3.65	3.55	3.61	3.52	3.22	2.95	3.37
1977	2.97	3.04	3.21	3.09	3.37	3.64	3.26	3.55	3.80	3.62	3.49	3.53	3.38
1978	3.30	3.58	3.27	3.58	3.55	3.52	3.58	3.65	3.75	3.71	3.61	3.29	3.53
1979	3.59	3.15	3.24	3.41	3.41	3.49	3.60	3.69	3.58	3.60	3.37	3.20	3.44
1980	3.21	3.30	3.20	3.40	3.56	3.53	3.61	3.63	3.53	3.52	3.42	3.10	3.42
1981	2.95	3.12	3.44	3.15	3.49	3.57	3.61	3.65	3.75	3.50	3.63	3.48	3.44
1982	3.17	3.21	3.23	3.12	3.41	3.81	3.61	3.63	3.64	3.84	3.39	3.51	3.46
1983	3.43	3.65	3.72	3.72	3.58	3.64	3.79	3.80	3.75	3.82	3.93	3.54	3.70
1984	3.35	3.40	3.55	3.85	3.61	3.74	3.68	3.79	3.65	3.79	3.73	3.49	3.64
1985	3.45	3.34	3.32	3.43	3.61	3.65	3.65	3.71	3.80	3.67	3.79	3.53	3.58
1986	3.19	3.50	3.21	3.72	3.62	3.60	3.81	3.70	3.63	3.75	3.52	3.48	3.56

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8454000

PROVIDENCE,RI 41 48.4N 71 24.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1938							5.51	5.57				5.23	
1939	5.12	5.17	5.21	5.38	5.45	5.56	5.58	5.63	5.61	5.47	5.28	5.27	5.39
1940	5.12	5.40	5.22	5.34	5.57	5.58	5.51	5.46	5.52	5.52	5.33	5.33	5.41
1941	5.27	5.16	5.10	5.38	5.43	5.55	5.60	5.55	5.51	5.49	5.35	5.25	5.39
1942	5.19	5.23	5.45	5.44	5.43	5.61	5.58	5.57	5.66	5.57	5.45	5.21	5.45
1943	5.10	5.18	5.10	5.23	5.32	5.54	5.53	5.65	5.48	5.68	5.45	4.97	5.35
1944	5.07	5.08	5.12	5.34	5.34	5.61	5.60	5.54	5.54	5.50	5.73	5.12	5.38
1945	5.08	5.14	5.39	5.42	5.73	5.61	5.67	5.54	5.56	5.66	5.71	5.68	5.52
1946	5.34	5.23	5.41	5.53	5.53	5.59	5.61	5.66	5.59	5.58	5.53	5.25	5.49
1947	5.31	5.30	5.52	5.42	5.59								
1956									5.74	5.64	5.61	5.43	
1957	5.07	5.31	5.56	5.29	5.51	5.62	5.67	5.58	5.59	5.63	5.53	5.36	5.48
1958	5.65	5.48	5.93	5.81	5.56	5.69	5.69	5.76	5.80	5.90	5.67	5.32	5.69
1959	5.21	5.06	5.34	5.51	5.33	5.66	5.53	5.75	5.65	5.75	5.52	5.57	5.49
1960	5.46	5.59	5.58	5.72	5.84	5.79	5.77	5.77	5.75	5.77	5.54	5.30	5.66
1961	5.27	5.54	5.73	5.86	5.64	5.69	5.68	5.58	5.66	5.75	5.56	5.40	5.61
1962	5.16	5.42	5.69	5.43	5.57	5.64	5.72	5.69	5.59	5.76	5.72	5.49	5.57
1963	5.30	5.05	5.41	5.47	5.44	5.60	5.67	5.63	5.60	5.53	5.81	5.23	5.48
1964	5.41	5.21	5.41	5.15	5.45	5.50	5.57	5.62	5.59	5.62	5.64	5.33	5.46
1965	5.33	5.35	5.28	5.59	5.58	5.64	5.62	5.56	5.58	5.62	5.58	5.38	5.51
1966	5.45	5.41	5.48	5.46	5.50	5.61	5.80	5.71	5.80	5.45	5.54	5.36	5.55
1967	5.40		5.35	5.60							5.55	5.57	
1968	5.16	5.34	5.37	5.39	5.50	5.75	5.67	5.66	5.64	5.55	5.69	5.26	5.50
1969	5.19	5.42	5.53	5.60	5.64	5.82	5.81	5.86	5.80	5.81	5.87	5.71	5.67
1970	5.48	5.53	5.44	5.69	5.60	5.77	5.78	5.82	5.74	5.75	5.93	5.73	5.69
1971	5.51	5.53	5.63	5.70	5.81	5.82	5.74	5.72	5.66	5.92	5.87	5.42	5.69
1972	5.38	5.45	5.67	5.62	5.78	6.01	5.90	5.81	5.86	5.75	6.00	5.78	5.75
1973	5.62	5.57	5.75	5.81	5.90	5.76	5.91	5.89	5.84	5.76	5.46	5.58	5.74
1974	5.58	5.51	5.40	5.56	5.70	5.78	5.83	5.70	5.77	5.45	5.61	5.63	5.63
1975	5.41	5.43	5.47	5.51	5.67	5.76	5.78	5.74	5.65	5.82	5.84	5.56	5.64
1976	5.43	5.39	5.45	5.48	5.52	5.57	5.75	5.69	5.73	5.58	5.29	4.99	5.49
1977	5.06	5.14	5.33	5.23	5.53	5.76	5.55	5.66	5.92	5.78	5.64	5.68	5.52
1978	5.47	5.69	5.40	5.67	5.65	5.63	5.72	5.78	5.88	5.72	5.70	5.46	5.65
1979	5.76	5.35	5.46	5.61	5.79	5.76	5.77	5.87	5.76	5.88	5.60	5.38	5.67
1980	5.34	5.40	5.38	5.61	5.65	5.66	5.73	5.73	5.60	5.61	5.49	5.12	5.53
1981	5.13	5.29	5.57	5.26	5.66	5.75	5.77	5.81	5.88	5.64	5.67	5.57	5.58
1982	5.29	5.33	5.35	5.34	5.57	6.01	6.04	5.63	5.59	5.78	5.41	5.46	5.57
1983	5.36	5.57	5.66	5.85	5.73	5.69	5.88	5.96	5.89	5.94	6.02	5.70	5.77
1984	5.43	5.60	5.74	6.05	5.86	5.92	5.89	5.92	5.73	5.84	5.84	5.50	5.78
1985	5.53	5.43	5.43	5.54	5.80	5.74	5.78	5.84	5.85	5.72	5.83	5.66	5.68
1986	5.40	5.58	5.36	5.80	5.77	5.76	5.89	5.79	5.72	5.84	5.61	5.59	5.68

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8461490

NEW LONDON,CT 41 21.5N 72 05.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1938							4.65	4.76		4.76	4.40	4.51	
1939	4.40	4.41	4.51	4.61	4.72	4.74	4.76	4.83	4.83	4.70	4.58	4.46	4.63
1940	4.25	4.77	4.43	4.65	4.86	4.83	4.72	4.70	4.81	4.80	4.55	4.56	4.66
1941	4.62	4.42	4.35	4.61	4.68	4.79	4.80	4.78	4.71	4.65	4.55	4.48	4.62
1942	4.41	4.43	4.71	4.70	4.65	4.87	4.82	4.79	4.89	4.82	4.69	4.44	4.68
1943	4.41	4.42	4.40	4.53	4.59	4.77	4.75	4.88	4.81	4.97	4.74	4.21	4.62
1944	4.39	4.34	4.50	4.63	4.57	4.87	4.84	4.80	4.83	4.87	5.16	4.48	4.69
1945	4.44	4.48	4.73	4.64	4.97	4.91	4.83	4.81	4.88	4.85	5.04	4.99	4.80
1946	4.60	4.56	4.73	4.84	4.88	4.92	4.91	4.97	4.89	4.94	4.79	4.47	4.79
1947	4.54	4.45	4.70	4.66	4.80	4.94	4.87	4.86	4.80	4.76	5.12	4.35	4.74
1948	4.44	4.53	4.72	4.64	4.90	4.98	4.96	4.90	4.89	5.06	4.83	4.88	4.81
1949	4.69	4.69	4.46	4.76	4.80	4.71	4.81	4.89	4.79	4.88	4.81	4.24	4.71
1950	4.34	4.47	4.15	4.57	4.48	4.59	4.64	4.77	4.89	4.83	4.98	4.83	4.63
1951	4.54	4.55	5.02	4.82	4.95	5.07	4.86	4.95	4.91	4.97	4.86	4.61	4.84
1952	4.68	4.67	4.79	4.72	5.00	4.92	4.76	4.83	4.91	4.72	4.86	4.96	4.82
1953	4.95	4.48	4.81	4.87	5.04	4.86	4.83	4.91	4.94	4.93	4.93	4.62	4.85
1954	4.63	4.69	4.63	4.63	5.06	5.00	4.95	4.95	5.01	5.02	4.87	4.68	4.84
1955	4.75	4.54	4.57	5.01	4.86	5.02	4.95	5.10	4.97	5.23	4.96	4.41	4.86
1956	4.88	4.50	4.76	4.94	4.72	4.91	4.94	5.05	5.04	4.97	4.90	4.71	4.86
1957	4.40	4.60	4.92	4.57	4.82	4.84	4.91	4.86	4.86	4.98	4.78	4.60	4.76
1958	4.97	4.75	5.27	5.10	4.83	4.93	4.94	5.00	5.04	5.16	4.89	4.62	4.96
1959	4.46	4.33	4.65	4.84	4.59	4.90	4.70	4.96	4.87	5.02	4.83	4.86	4.75
1960	4.73	4.82	4.86	4.99	5.05	5.10	5.00	5.10	5.06	5.09	4.79	4.53	4.93
1961	4.50	4.80	4.98	5.13	4.90	4.86	4.98	4.88	5.05	5.09	4.88	4.65	4.89
1962	4.47	4.83	5.11	4.63	4.83	4.91	4.96	4.99	4.95	5.13	5.06	4.78	4.89
1963	4.60	4.31	4.77	4.83	4.70	4.88	4.92	4.85	4.99	4.79	5.03	4.50	4.76
1964	4.67	4.60	4.72	4.50	4.73	4.76	4.80	4.91	4.96	4.94	4.90	4.66	4.76
1965	4.71	4.64	4.64	4.88	4.82	4.86	4.92	4.81	4.91	4.90	4.83	4.72	4.80
1966	4.71	4.65	4.77	4.82	4.78	4.84	5.01	4.97	5.11	4.71	4.84	4.67	4.82
1967	4.73	4.59	4.76	5.01	5.02	4.93	4.97	5.01	5.04	4.90	4.74	5.00	4.89
1968	4.50	4.59	4.70	4.75	4.99	5.17	4.97	4.99	5.01	4.86	5.03	4.51	4.84
1969	4.44	4.84	4.81	4.79	4.87	5.06	5.05	5.08	5.12	5.09	5.15	4.99	4.94
1970	4.73	4.76	4.78	4.98	4.81	4.99	4.98	5.13	5.04	5.06	5.28	5.04	4.96
1971	4.73	4.79	4.88	5.01	5.09	5.10	5.03	5.02	5.05	5.26	5.20	4.72	4.99
1972	4.62	4.69	4.94	4.95	5.03	5.19	5.06	5.08	5.19	5.09	5.38	5.14	5.03
1973	4.92	5.01	5.20	5.12	5.11	5.02	5.13	5.14	5.16	5.09	4.69	4.81	5.03
1974	4.90	4.83	4.70	4.83	5.01	5.08	5.07	4.99	5.09	4.76	4.95	4.91	4.93
1975	4.65	4.68	4.79	4.74	4.98	5.10	5.04	5.06	4.95	5.17	5.13	4.98	4.94
1976	4.68	4.54	4.77	4.82	4.79	4.87	5.04	5.02	5.04	4.93	4.56	4.25	4.78
1977				4.57	4.87								
1978								5.09		4.98	5.04	4.67	
1979	4.98		4.66	4.87	4.84	4.92							
1980					4.97	4.90	4.92	4.99	4.91	4.85	4.72	4.39	
1981	4.35	4.51	4.82	4.58	4.96	4.99	4.97	5.03	5.12	4.89	5.01	4.85	4.84

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8461490

NEW LONDON,CT 41 21.5N 72 05.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1982	4.51	4.59	4.59	4.51	4.89	5.29	4.98	4.99	5.02	5.23	4.77	4.91	4.86
1983	4.84	5.10	5.18	5.24	5.06	5.06	5.18	5.23	5.17	5.28	5.30	4.97	5.13
1984	4.81	4.86	5.06	5.36	5.06	5.19	5.09	5.21	5.04	5.22	5.12	4.75	5.06
1985	4.69		4.67	4.81	5.06		5.04	5.12	5.10	4.99	5.21	4.88	
1986	4.53	4.84	4.55	5.16	5.04	4.93	5.19	5.09	4.99	5.15	4.92	4.88	4.94

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8467150

BRIDGEPORT,CT 41 10.4N 73 10.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1964										5.42	5.37		
1965	5.11	5.10	5.11	5.35	5.32	5.35	5.42	5.31	5.47	5.36	5.24	5.19	5.28
1966	5.11				5.32			5.49	5.67		5.40	5.15	
1967	5.22	5.04	5.33	5.52	5.54	5.48	5.51	5.52	5.59	5.49	5.26	5.46	5.41
1968	4.97	5.00	5.19	5.31	5.55	5.68	5.49	5.56	5.58	5.39	5.58	4.92	5.35
1969	4.91	5.38	5.32	5.32	5.51	5.58	5.60	5.62	5.72	5.64	5.70	5.53	5.49
1970	5.22	5.23	5.30	5.53	5.39	5.57	5.56	5.70	5.59	5.66	5.85	5.55	5.51
1971	5.19	5.32	5.31	5.47	5.62	5.62	5.54	5.53	5.66	5.76	5.77	5.26	5.50
1972	5.11	5.27	5.45	5.54	5.69	5.83	5.69	5.66	5.80	5.64	5.97	5.64	5.61
1973	5.36	5.60	5.76	5.68	5.72	5.59	5.68	5.73	5.70	5.66	5.12	5.37	5.58
1974	5.42	5.31	5.12	5.33	5.55	5.70	5.61	5.57	5.70	5.34	5.46	5.50	5.47
1975	5.20	5.25	5.27	5.28	5.57	5.61	5.59	5.66	5.58	5.83	5.65	5.49	5.50
1976	5.20	5.06	5.29	5.35	5.30	5.39	5.56	5.54	5.56	5.40	4.98	4.68	5.28
1977	4.68	4.91	5.12	5.12	5.36	5.60	5.44	5.50	5.86	5.65	5.55	5.54	5.36
1978	5.22	5.66	5.31	5.59	5.64	5.52	5.62	5.64	5.74	5.57	5.60	5.06	5.51
1979	5.44	5.00	5.17	5.43	5.44	5.52	5.55	5.63	5.57	5.54	5.31	5.06	5.39
1980	5.13	5.24	5.23	5.53	5.61	5.49	5.51	5.61	5.50	5.41	5.22	4.92	5.37
1981	4.84	5.05	5.30	5.10	5.59	5.55	5.58	5.66	5.73	5.43	5.54	5.33	5.39
1982	4.98	5.15	5.19	5.00	5.51	5.92	5.54	5.54	5.63	5.80	5.29	5.44	5.42
1983	5.38	5.67	5.77	5.88	5.64	5.67	5.74	5.80	5.77	5.87	5.85	5.44	5.71
1984	5.34	5.38	5.60	5.95	5.57	5.72	5.61	5.81	5.65	5.80	5.64	5.34	5.62
1985	5.18	5.25	5.23	5.37	5.61	5.59	5.62	5.69	5.70	5.55	5.88	5.38	5.50
1986	5.05	5.46	5.15	5.83	5.72	5.58	5.80	5.66	5.58	5.84	5.52	5.47	5.56

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8510560

MONTAUK,NY 41 02.9N 71 57.6W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1947										4.72	5.07	4.33	
1948	4.41	4.47	4.58	4.56	4.82	4.88	4.92	4.86	4.90	5.09	4.85	4.95	4.77
1949	4.62	4.65	4.45	4.71	4.73	4.66	4.80	4.87	4.80	4.84	4.80	4.25	4.68
1950	4.34	4.48	4.12	4.54	4.42	4.52	4.60	4.76	4.83	4.78	4.93	4.74	4.59
1951	4.47	4.47	4.94	4.70	4.89	5.00	4.81	4.93	4.91	4.98	4.78	4.54	4.78
1952	4.68	4.68	4.79	4.69	4.97	4.90	4.70	4.81	4.91	4.75	4.90	4.97	4.81
1953	4.89	4.35	4.71	4.79	4.96	4.81	4.81	4.88	4.92	4.95	4.91	4.54	4.79
1954	4.66	4.64	4.55	4.49	4.97	4.91	4.91	4.89	4.90	4.93	4.75	4.60	4.77
1955	4.81	4.50	4.50	4.96	4.78	5.02	4.94	5.02	4.96	5.17	4.97	4.48	4.84
1956	5.00	4.52	4.78	4.85	4.68	4.89	4.96	5.10	5.07	5.00	4.86	4.69	4.87
1957	4.40	4.61	4.87	4.53	4.82	4.87	4.94	4.88	4.87	5.03	4.93	4.71	4.79
1958	5.10	4.87	5.35	5.13	4.80	4.92	4.92	4.97	5.04	5.13	4.90	4.72	4.99
1959		4.33							4.87	5.03	4.75	4.79	
1960	4.77	4.82	4.87	4.80	4.99	5.00	4.99	5.00	5.03	5.08	4.81	4.63	4.90
1961	4.60	4.87	5.03	5.11	4.91	4.85	4.97	4.82	5.03	5.10	4.98	4.73	4.92
1962	4.46	4.84	5.07	4.57	4.78	4.92	4.97	5.03	5.04	5.09	5.05	4.75	4.88
1963	4.61	4.32	4.69	4.82	4.69	4.87	4.90	4.85	4.98	4.78	5.00	4.49	4.75
1964	4.63	4.60	4.68	4.38	4.69	4.78	4.74	4.84	4.90	4.87	4.87	4.65	4.72
1965	4.72	4.62	4.61	4.81	4.71	4.79	4.87	4.74	4.86	4.84	4.83	4.68	4.76
1966	4.74	4.58	4.69	4.73	4.76	4.80	4.97	4.90	5.08	4.70	4.78	4.64	4.78
1967	4.71	4.54	4.80	4.96	5.01	4.94	4.96	4.98	5.00	4.94	4.85	5.00	4.89
1968	4.50	4.60	4.67	4.76	4.96	5.09	4.90	4.98	5.02	4.89	5.08	4.58	4.84
1969	4.52	4.92	4.85	4.71	4.78	5.00	5.01	5.06	5.11	5.09	5.13	5.04	4.94
1970	4.76	4.70	4.73	4.90	4.77	5.00	4.97	5.12	5.02	5.05	5.27	5.03	4.94
1971	4.67	4.78	4.80	5.00	5.07	5.07	4.99	5.01	5.10	5.27	5.28	4.80	4.99
1972	4.69	4.84											
1973	4.89	5.09	5.14	5.09	5.07	5.01	5.15	5.16	5.21	5.16	4.76	4.82	5.05
1974	4.88	4.84	4.74	4.84	5.01	5.06	5.11	4.98	5.15	4.81	4.91	5.01	4.94
1975	4.71	4.71	4.77	4.79	4.94	5.04	5.01	5.11	5.00	5.20	5.14	5.03	4.95
1976	4.91	4.71	4.91	4.96	4.84	4.88	5.13	5.02	5.11	4.98	4.63	4.38	4.87
1977	4.03	4.26	4.47	4.39	4.71	5.01	4.85	4.87	5.19	5.03	4.93	4.99	4.73
1978	4.83	5.12	4.67	4.97	4.95	4.91	5.03	5.08	5.16	4.98	5.06	4.71	4.96
1979	5.08		4.60	4.82	4.82	4.88	4.97	5.05	5.00	4.97	4.77	4.60	
1980	4.67	4.76	4.67	4.85	4.97	4.90	4.95	5.02	4.92	4.89	4.77	4.53	4.82
1981	4.46	4.52	4.84	4.56	4.96	5.02	5.01	5.10	5.20	4.97	5.09	4.87	4.88
1982	4.50	4.65	4.61	4.53	4.85	5.27	4.98	5.00	5.06	5.27	4.81	4.95	4.87
1983	4.90	5.14	5.21	5.17	5.03	5.04	5.16	5.22	5.18	5.25	5.26	4.97	5.13
1984	4.82	4.85	5.09	5.34	5.00	5.13	5.06	5.26	5.13	5.30	5.19	4.85	5.09
1985	4.81	4.72	4.75	4.82	5.05	5.13	5.17	5.20	5.16	5.08	5.35		
1986		5.06	4.61	5.23	5.12	5.00	5.27	5.10					

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8514560

PORT JEFFERSON,NY 40 57.0N 73 04.6W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1957										7.19	6.90	6.70	
1958	7.12	6.88	7.45	7.24	6.99	7.09	7.09	7.13	7.20	7.41	7.20	6.90	7.14
1959	6.50	6.49	6.71	6.93	6.72	7.05	6.77	7.17	7.09	7.20	6.89	6.95	6.87
1960	6.79	6.92	6.97	7.02	7.26	7.20	7.15	7.27	7.26	7.38	6.92	6.66	7.07
1961	6.70	7.07	7.19	7.35	7.10	7.04	7.15	7.11	7.32	7.35	7.06	6.84	7.11
1962	6.53	7.08	7.27	6.76	6.98	7.18	7.17	7.23	7.21	7.22	7.24	6.85	7.06
1963	6.72	6.41	6.94	6.97	6.86	7.06	7.14	7.06	7.26	6.98	7.19	6.70	6.94
1964	6.76	6.67	6.86	6.65	6.84	6.93	7.07	7.12	7.19	7.12	7.11	6.78	6.92
1965	6.90	6.82	6.84	7.04	6.95	7.03	7.11	6.99	7.18	7.06	7.03	6.95	6.99
1966	6.89	6.83	6.96	7.02	7.02	7.07	7.18	7.17	7.34	6.96	6.99	6.93	7.03
1967	7.00	6.74	6.92	7.14	7.19	7.10	7.14	7.13	7.22	7.10	6.91	7.10	7.06
1968	6.63	6.64	6.84	6.93	7.17	7.30	7.12	7.19	7.21	7.06	7.27	6.60	7.00
1969	6.59	7.09	7.00	6.99	7.15	7.26	7.28	7.31	7.38	7.32	7.36	7.21	7.16
1970	6.90	6.89	6.94	7.17	7.00	7.17	7.18	7.36	7.26	7.31	7.50	7.25	7.16
1971	6.88	6.97	6.98	7.21	7.26	7.24	7.14	7.18	7.27	7.49	7.40	6.87	7.16
1972	6.77	6.99	7.18	7.16	7.29	7.42	7.28	7.28	7.51	7.25	7.61	7.26	7.25
1973	7.00	7.22	7.39	7.31	7.31	7.20	7.29	7.34	7.36	7.31	6.79	6.99	7.21
1974	7.07	7.02	6.86	6.99	7.20	7.33	7.35	7.24	7.38	7.12	7.24	7.27	7.17
1975	7.01	6.99	7.09	7.04	7.32	7.35	7.20	7.34	7.30	7.48	7.24	7.14	7.21
1976									7.36	7.11	6.67	6.37	
1977	6.34	6.58	6.86	6.71	7.09	7.33	7.15	7.19	7.55	7.35	7.26	7.27	7.06
1978	6.95	7.37	7.01	7.27	7.39	7.20	7.37	7.42	7.51	7.25	7.32	6.80	7.24
1979				7.01	7.01	7.08	7.20	7.35	7.31	7.26	7.04	6.82	
1980	6.90	7.00	6.94	7.19	7.33	7.17	7.24	7.32	7.22	7.14	7.01	6.68	7.10
1981	6.62	6.80	7.03	6.75	7.19	7.22	7.20	7.29	7.39	7.10	7.19	6.93	7.06
1982	6.58	6.75	6.79	6.60	7.07	7.49	7.14	7.14	7.25	7.51	6.95	7.10	7.03
1983	7.08	7.38	7.45	7.50	7.25	7.38	7.46	7.53	7.49	7.59	7.53	7.18	7.40
1984	7.08	7.10	7.35	7.68	7.30	7.45	7.34	7.57	7.42	7.65	7.37	7.07	7.36
1985	6.93	6.99	6.96	7.05	7.31	7.31	7.32	7.39	7.41	7.26	7.54	7.06	7.21
1986	6.74	7.15	6.82	7.50	7.38	7.27	7.48	7.35	7.27	7.41	7.18	7.14	7.22*

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

* DENOTES THAT VALUES ARE CONSIDERED PRELIMINARY AND MAYBE SUBJECTED TO MINOR CHANGES.

RUN DATE 08/19/87

STATION NO. 8516990

WILLETS POINT,NY 40 47.6N 73 46.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1931								8.81	8.69	8.54	8.23	8.06	
1932	8.37	8.39	8.09	8.27	8.24	8.46	8.55	8.56	8.80	8.46	8.83	8.32	8.44
1933	8.64	8.02	8.30	8.64	8.68	8.71	8.74	8.82	8.87	8.66	8.26	8.25	8.55
1934	8.13	7.80	8.13	8.47	8.38	8.68	8.65	8.61	8.82	8.65	8.40	8.14	8.40
1935	8.25	8.06	8.27	8.68	8.47	8.73	8.67	8.75	8.69	8.58	9.09	8.40	8.55
1936	8.10	8.23	8.71	8.29	8.41	8.70	8.82	8.67	8.77	8.63	8.24	8.35	8.49
1937	8.46	8.70	8.18	8.74	8.66	8.75	8.80	8.66	8.80	8.68	8.54	8.43	8.62
1938	8.61	8.52	8.55	8.53	8.72	8.64	8.57	8.73	8.77	9.02	8.50	8.40	8.63
1939	8.33	8.34	8.51	8.59	8.81	8.79	8.78	8.92	8.84	8.70	8.62	8.32	8.63
1940	8.25	8.82	8.38	8.67	8.94	8.83	8.75	8.81	8.84	8.85	8.45	8.52	8.68
1941	8.60	8.28	8.24	8.64	8.66	8.80	8.76	8.66	8.60	8.54	8.43	8.37	8.55
1942	8.31	8.25	8.65	8.69	8.67	8.84	8.84	8.83	8.99	8.91	8.61	8.22	8.65
1943	8.41	8.24	8.43	8.45	8.56	8.79	8.77	8.88	8.94	9.01	8.66	8.06	8.60
1944	8.41	8.26	8.55	8.69	8.57	8.89	8.78	8.77	8.84	8.87	9.18	8.16	8.66
1945	8.20	8.34	8.69	8.56	8.91	8.91	9.02	8.95	8.97	8.85	9.14	8.93	8.79
1946	8.45	8.38	8.69	8.77	8.81	8.75	8.83	8.97	8.95	8.99	8.69	8.36	8.72
1947	8.37	8.16	8.45	8.65	8.80	8.96	8.80	8.90	8.90	8.78	9.07	8.21	8.67
1948	8.40	8.56	8.73	8.59	8.97	9.04	8.94	8.90	8.94	9.16	8.84	8.87	8.83
1949	8.66	8.64	8.40	8.73	8.79	8.66	8.78	8.92	8.76	8.91	8.74	8.23	8.68
1950	8.34	8.48	8.02	8.56	8.49	8.52	8.65	8.76	8.94	8.87	9.09	8.78	8.62
1951	8.42	8.52	9.07	8.77	9.04	9.12	8.86	8.98	8.95	9.05	8.79	8.42	8.83
1952	8.60	8.65	8.87	8.75	9.02	8.96	8.78	8.85	8.90	8.69	8.89	9.00	8.83
1953	9.02	8.33	8.78	8.82	9.05	8.86	8.78	8.98	8.90	9.02	8.98	8.33	8.82
1954	8.55	8.58	8.45	8.62	9.05	8.97	8.89	8.94	8.89	8.94	8.70	8.51	8.76
1955	8.55	8.40	8.41	9.07	8.82	9.02	8.90	9.13	8.92	9.25	8.72	8.27	8.79
1956	8.88	8.40	8.71	8.86	8.65	8.83	8.93	9.06	9.13	9.05	8.80	8.60	8.82
1957	8.29	8.60	8.88	8.43	8.78	8.78	8.89	8.82	8.83	8.98	8.63	8.48	8.70
1958	8.88	8.62	9.32	9.07	8.80	8.81	8.89	8.95	9.00	9.20	8.78	8.51	8.90
1959	8.23	8.22	8.56	8.85	8.50	8.93	8.74	8.99	8.88	9.01	8.62	8.72	8.69
1960	8.60	8.71	8.83	8.82	9.09	9.07	8.91	9.08	9.10	9.08	8.65	8.38	8.86
1961	8.38	8.76	8.99	9.12	8.86	8.80	8.99	8.84	9.14	9.07	8.84	8.54	8.86
1962	8.34	8.88	9.24	8.61	8.90	8.96	8.94	9.03	9.02	8.98	9.00	8.58	8.87
1963	8.47	8.06	8.62	8.67	8.68	8.86	8.88	8.82	8.78	8.73	8.91	8.34	8.65
1964	8.53	8.48	8.63	8.47	8.67	8.70	8.83	8.89	9.00	8.89	8.79	8.52	8.70
1965	8.56	8.52	8.58	8.81	8.74	8.85	8.81	8.76	8.96	8.77	8.69	8.64	8.72
1966	8.65	8.61	8.76	8.92	8.85	8.92	9.07	8.94	9.15	8.67	8.88	8.66	8.84
1967	8.71	8.50	8.79	9.01	9.07	8.90	8.99	9.06	9.06	8.92	8.66	8.88	8.88
1968	8.34	8.41	8.63	8.75	9.07	9.19	9.02	9.01	9.05	8.81	9.09	8.35	8.81
1969	8.36	8.81	8.74	8.77	8.70	8.94	9.13	9.09	9.21	9.15	9.15	9.08	8.93
1970	8.65	8.67	8.78	9.03	8.88	9.03	9.04	9.19	9.04	9.12	9.44	9.09	9.00
1971	8.69	8.77	8.80	8.96	9.04	9.09	9.00	9.08	9.21	9.46	9.27	8.76	9.01
1972	8.56	8.72	9.00	9.06	9.24	9.37	9.16	9.08	9.33	9.08	9.46	9.16	9.10
1973	8.83	9.05	9.26	9.17	9.20	9.11	9.18	9.25	9.13	9.15	8.65	8.77	9.06
1974	8.86	8.75	8.55	8.75	9.06	9.14	9.00	9.12	9.20	8.74	8.80	8.91	8.91

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8516990

WILLETS POINT,NY 40 47.6N 73 46.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1975	8.60	8.69	8.66	8.60	9.01	9.14	8.99	9.14	9.10	9.28	9.05	8.91	8.93
1976	8.55	8.48	8.71	8.83	8.74	8.84	9.06	9.04	9.08	8.86	8.33	8.08	8.72
1977	8.13	8.36	8.57	8.54	8.79	9.09	8.89	8.78	9.33	9.15	9.01	8.98	8.80
1978	8.60	9.10	8.72	8.98	9.10	8.90	9.02	9.12	9.24	8.98	9.08	8.46	8.94
1979	8.88	8.55	8.62	8.85	8.81	8.88	8.98	9.16	9.01	8.90	8.70	8.45	8.82
1980	8.52	8.61	8.63	8.96	9.02	8.87	8.93	9.07	8.96	8.81	8.64	8.38	8.78
1981	8.14	8.52	8.75	8.48	8.98	8.96	8.97	9.05	9.14	8.88	8.95	8.71	8.79
1982	8.34	8.57	8.59	8.38	8.94	9.37	8.97	8.91	9.07	9.27	8.72	8.88	8.83
1983	8.85	9.14	9.26	9.37	9.09	9.13	9.30	9.34	9.28	9.33	9.25	8.83	9.21
1984	8.74	8.80						9.26	9.11	9.28	9.03	8.75	
1985	8.53	8.62	8.63	8.78	9.02	9.01	8.97	9.12	9.13	9.00	9.38	8.75	8.91
1986	8.43	8.85	8.55	9.32	9.15	9.03	9.24	9.12	9.05	9.18	8.94	8.91	8.98

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8518490

NEW ROCHELLE,NY 40 53.6N 73 46.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1957									5.30	5.42	5.23	5.00	
1958	5.37	5.08	5.77	5.58	5.35	5.39	5.45	5.45	5.60	5.70	5.29	5.01	5.42
1959	4.77	4.74	5.05	5.34	5.03	5.48	5.26	5.51	5.41	5.58	5.23	5.27	5.22
1960	5.14	5.20	5.23	5.33	5.66	5.59	5.62	5.68	5.69	5.64	5.24	4.91	5.41
1961	4.95	5.30	5.50	5.66	5.42	5.35	5.22	5.37	5.64	5.63	5.30	5.08	5.39
1962	4.84	5.42	5.67	5.07	5.35	5.48	5.43	5.55	5.52	5.60	5.60	5.25	5.40
1963	5.00	4.58	5.25	5.26	5.23	5.41	5.38	5.35	5.31	5.27	5.45	4.89	5.20
1964	5.05	4.87	5.10	4.94	5.21	5.24	5.35	5.47	5.48	5.39	5.34	5.04	5.21
1965	5.10	4.98	5.07	5.30	5.23	5.24	5.36	5.38	5.51	5.27	5.20	5.15	5.23
1966	5.08	5.02	5.20	5.25	5.20	5.27	5.40	5.41	5.60	5.11	5.26	4.97	5.23
1967	5.13	4.92	5.23	5.44	5.49	5.40	5.43	5.43	5.48	5.37	5.15	5.45	5.33
1968	4.91	4.86	5.12	5.24	5.55	5.64	5.31	5.48	5.53	5.31	5.49	4.77	5.27
1969	4.77	5.27	5.21	5.26	5.28	5.54	5.62	5.61	5.75	5.56	5.52	5.42	5.40
1970	5.15	5.16	5.24	5.48	5.34	5.52	5.49	5.60	5.57	5.67	5.85	5.55	5.47
1971	5.10	5.21	5.22	5.48	5.61	5.58	5.46	5.54	5.56	5.93	5.70	5.22	5.47
1972	5.06	5.24	5.43	5.50	5.69	5.80	5.65	5.61	5.77	5.61	6.01	5.62	5.58
1973	5.25	5.51	5.71	5.60	5.68	5.58	5.64	5.73	5.74	5.71	5.08	5.33	5.55
1974	5.40	5.29	5.14	5.35	5.56	5.71	5.60	5.51	5.65	5.28	5.37	5.48	5.44
1975	5.12	5.15	5.21	5.17	5.53	5.57	5.50	5.61	5.55	5.75	5.54	5.42	5.43
1976	5.07	4.93	5.19	5.24	5.18	5.28	5.47	5.47	5.47	5.40	4.88	4.60	5.18
1977			5.07	5.02	5.27	5.53	5.36						
1978						5.39	5.60	5.67	5.76	5.53	5.60		
1979					5.34	5.37	5.46	5.57	5.52	5.40	5.19	4.96	
1980	5.00	5.10	5.13	5.46	5.53	5.38	5.42	5.53	5.44	5.28	5.13	4.81	5.27
1981	4.63	5.01	5.21	5.00	5.51	5.48	5.48	5.56	5.64	5.36	5.40	5.17	5.29

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8518750
NEW YORK(THE BATTERY), NY 40 42.0N 74 05.5W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1856	4.74	4.74	4.56	4.71	4.89	4.49	4.65	4.76	4.60	4.52	4.60	4.70	4.66
1857	4.74	4.62	4.70	4.76	4.99	4.96	4.81	4.88	4.82	4.62	4.73	4.75	4.78
1858	4.81	4.66	4.64	4.63	4.78	4.89	4.77	4.59	4.55	4.36	4.65	4.74	4.67
1859	4.75	4.71	4.72	4.74	4.94	4.79	4.88	4.92	4.76	4.64	4.68	4.87	4.78
1860	4.76	4.72	4.62	4.71	4.83	4.90	4.74	4.76	4.64	4.56	4.54	4.68	4.71
1861													
1862	4.59	4.55	4.67	4.75	4.93	4.86	4.89	4.75	4.62	4.42	4.65	4.72	4.70
1863	4.53	4.41	4.53	4.81	4.97	4.79	4.89	4.80	4.83	4.98	4.57	4.29	4.70
1864	3.92	4.20	4.78	5.22	4.97	4.56	4.70	4.90	4.96	5.27	4.61	4.50	4.72
1865	4.26	4.55	4.46	4.52	4.95	4.82	4.20	4.66	4.76	4.66	4.66	4.56	4.59
1866	4.42	4.12	4.14	4.49	4.72	4.82	4.86	4.84	4.83	5.20	4.74	4.34	4.63
1867	4.78	4.32	4.90	4.59	4.85	4.82	5.32	4.82	4.84	4.90	4.57	4.48	4.77
1868	4.46	4.17	4.39	4.88	5.58	4.99	5.02	4.74	5.10	4.95	4.87	4.30	4.79
1869	4.53	4.34	4.38	4.65	4.94	4.72	4.78	4.82	4.86	4.90	4.64	4.70	4.69
1870	4.48	4.84	5.06	5.29	5.04	4.98	4.97	5.04	5.04	5.00	4.56	4.50	4.90
1871	4.40	4.40	4.74	5.00	4.76	4.93	4.90	4.88	4.92	4.60	4.72	4.04	4.69
1872	4.36	4.62	4.37	4.56	4.59	4.88	4.88	4.86	4.67	4.98	4.74	4.70	4.68
1873	4.46	4.50	4.27	4.99	4.94	4.83	4.91	4.98	4.92	5.03	4.51	4.58	4.74
1874	4.62	4.48	4.23	4.46	4.78	4.84	4.79	4.91	4.97	4.56	4.39	4.02	4.59
1875	4.50	4.06	4.59	4.72	4.56	4.65	4.80	4.97	4.78	4.82	4.63	4.58	4.64
1876	3.97	4.29	4.61	4.80	4.71	4.80	4.84	4.92	5.13	4.57	5.32	4.59	4.71
1877	4.22	4.44	4.58	4.99	4.92	4.79	4.91	5.16	5.01	5.11	5.09	4.66	4.82
1878	4.65	5.11	4.86	5.16	5.15	5.08	4.96	5.14	5.07	4.99	4.66	4.89	4.98
1893	4.72	4.33	4.79	5.03	5.09	5.23	4.99	5.24	5.07	5.18	4.95	4.48	4.92
1894	4.96	4.68	4.77	5.28	5.15	4.96	4.98	5.08	5.16	5.13	4.57	4.86	4.96
1895	4.54	4.29	4.44	4.99	4.92	5.16	5.15	5.04	5.12	5.00	4.91	5.07	4.89
1896	4.91	4.53	4.28	4.86	5.12	5.10	4.98	5.12	5.21	5.42	5.01	5.06	4.97
1897	4.57	5.07	4.76	4.76	5.07	5.23	5.36	5.34	5.26	5.49	4.81	4.76	5.04
1898	4.77	4.79	4.82	5.24	5.39	5.21	5.21	5.14	5.17	5.29	5.04	4.62	5.06
1899	4.54	4.73	5.03	5.03	5.26	5.08	5.05	5.36	5.28	5.13	5.24	4.85	5.05
1900	4.34	4.44	4.59	4.81	5.08	5.20	5.09	5.26	5.20	5.22	4.91	4.82	4.91
1901	4.92	4.14	4.78	5.58	5.43	5.33	5.34	5.42	5.50	5.06	5.13	5.01	5.14
1902	4.74	4.87	5.15	5.13	5.02	5.16	5.31	5.36	5.45	5.40	5.40	5.14	5.18
1903	4.61	4.38	4.94	5.44	5.15	5.63	5.28	5.43	5.28	5.62	5.02	4.55	5.11
1904	4.70	4.35	4.75	4.95	5.07	5.27	5.17	5.09	5.16	5.08	5.07	4.83	4.96
1905	4.72	4.35	4.68	4.88	4.88	5.11	5.12	5.28	5.19	5.05	4.83	4.92	4.92
1906	4.96	4.65	4.53	5.00	4.99	5.29	5.31	5.34	5.25	5.37	4.94	4.71	5.03
1907	4.65	4.51	4.80	5.00	5.00	5.27	5.15	5.14	5.10	5.00	5.15	4.96	4.98
1908	4.66	4.49	4.67	4.62	5.10	5.12	5.13	5.48	5.33	5.43	4.67	4.70	4.95
1909	4.84	4.71	4.78	4.85	5.37	5.22	5.19	5.43	5.35	5.02	5.11	5.10	5.08
1910	4.99	4.73	4.95	5.36	5.19	5.35	5.30	5.16	5.38	5.19	5.20	4.94	5.14
1911	4.66	5.02	4.72	5.08	5.11	5.36	5.10	5.25	5.52	5.51	4.83	4.89	5.09
1912	4.44	4.52	4.73	4.86	5.07	5.00	5.00	5.18	5.41	5.17	4.98	4.58	4.91
1913	4.66	4.47	4.35	4.98	5.09	5.10	5.05	5.26	5.22	5.50	5.06	4.83	4.96

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8518750
NEW YORK(THE BATTERY), NY 40 42.0N 74 05.5W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1914	5.15	4.59	4.88	5.07	5.20	5.14	5.29	5.19	5.25	5.33	4.88	5.09	5.09
1915	5.02	5.08	4.96	4.89	5.12	5.27	5.34	5.49	5.19	5.33	5.10	4.86	5.14
1916	4.74	4.76	4.98	5.40	5.23	5.49	5.15	5.34	5.31	5.21	5.04	4.54	5.10
1917	4.65	4.66	5.01	5.07	5.48	5.29	5.34	5.37	5.33	5.31	5.12	4.91	5.13
1918	4.98	4.89	5.10	5.32	4.84	5.24	5.25	5.25	5.15	5.04	5.07	5.24	5.11
1919	4.78	4.94	5.10	5.16	5.49	5.47	5.34	5.59	5.43	5.51	5.55	4.99	5.28
1920	4.81	5.01	4.58	5.36	5.37	5.52	5.25	5.40	5.36	5.38	5.31	5.13	5.21
1921	4.91	5.31	5.04	5.37	5.74	5.44	5.43	5.31	5.43	5.12	5.37	4.97	5.29
1922	4.68	4.89	4.99	5.09	5.22	5.32	5.34	5.32	5.38	5.30	5.12	5.04	5.14
1923	5.02	4.83	4.92	5.19	5.18	5.25	5.28	5.28	5.26	5.35	5.40	5.00	5.16
1924	4.61	5.19	5.47	5.21	5.48	5.34	5.23	5.40	5.34	5.29	5.07	4.62	5.19
1925	5.19	4.91	4.78	5.14	5.18	5.20	5.26	5.26	5.42	5.08	4.99	4.81	5.10
1926	4.57	5.00	4.69	4.94	5.14	5.20	5.25	5.49	5.50	5.34	4.97	5.01	5.09
1927	4.61	5.16	5.17	5.10	5.30	5.32	5.22	5.51	5.36	5.40	5.19	5.16	5.21
1928	4.53	4.72	4.88	4.94	5.24	5.35	5.33	5.49	5.50	5.08	4.86	4.71	5.05
1929	4.34	5.03	4.99	5.51	4.98	5.39	5.21	5.28	5.39	5.12	5.10	4.90	5.10
1930	4.85	4.87	4.80	4.85	5.05	5.06	5.23	5.38	5.32	5.49	4.86	5.01	5.06
1931	4.79	4.86	5.57	5.10	5.23	5.45	5.50	5.53	5.43	5.30	4.96	4.83	5.21
1932	5.16	5.08	4.75	5.06	5.08	5.30	5.35	5.34	5.51	5.20	5.55	5.06	5.20
1933	5.30	4.71	5.00	5.43	5.40	5.48	5.54	5.64	5.67	5.45	5.02	4.94	5.30
1934	4.87	4.56	4.89	5.30	5.16	5.40	5.37	5.37	5.56	5.39	5.10	4.84	5.15
1935	4.89	4.78	5.02	5.49	5.19	5.50	5.42	5.49	5.45	5.32	5.80	5.13	5.29
1936	4.81	4.94	5.42	5.13	5.09	5.41	5.55	5.39	5.49	5.40	4.94	5.04	5.22
1937	5.19	5.39	4.87	5.48	5.40	5.47	5.54	5.36	5.52	5.43	5.25	5.11	5.33
1938	5.35	5.23	5.26	5.24	5.42	5.42	5.37	5.47	5.55	5.77	5.30	5.23	5.38
1939	5.06	5.11	5.28	5.39	5.56	5.59	5.53	5.71	5.63	5.47	5.31	4.99	5.39
1940	4.87	5.46	5.03	5.41	5.71	5.59	5.44	5.56	5.59	5.57	5.18	5.23	5.39
1941	5.35	4.97	4.90	5.45	5.36	5.55	5.51	5.48	5.44	5.33	5.20	5.13	5.31
1942	5.10	4.91	5.43	5.43	5.47	5.68	5.61	5.62	5.78	5.70	5.37	5.04	5.43
1943	5.13	4.96	5.16	5.20	5.40	5.54	5.55	5.67	5.70	5.76	5.39	4.83	5.36
1944	5.12	4.99	5.27	5.42	5.38	5.63	5.58	5.56	5.59	5.60	5.88	4.97	5.42
1945	4.91	5.03	5.45	5.35	5.71	5.65	5.68	5.66	5.75	5.59	5.77	5.65	5.52
1946	5.15	5.03	5.46	5.48	5.59	5.56	5.59	5.77	5.72	5.71	5.46	5.04	5.46
1947	5.13	4.84	5.18	5.40	5.56	5.73	5.60	5.72	5.68	5.52	5.85	4.90	5.43
1948	5.10	5.28	5.48	5.35	5.68	5.77	5.66	5.61	5.66	5.91	5.58	5.54	5.55
1949	5.43	5.37	5.11	5.42	5.56	5.48	5.58	5.67	5.57	5.74	5.50	4.91	5.44
1950	5.01	5.18	4.74	5.27	5.30	5.30	5.36	5.53	5.69	5.61	5.69	5.52	5.35
1951	5.16	5.19	5.76	5.51	5.72	5.86	5.55	5.71	5.65	5.78	5.46	5.15	5.54
1952	5.33	5.31	5.49	5.55	5.71	5.63	5.49	5.57	5.72	5.38	5.57	5.69	5.54
1953	5.65	5.05	5.49	5.55	5.80	5.54	5.59	5.67	5.68	5.74	5.66	5.06	5.54
1954	5.25	5.32	5.12	5.35	5.78	5.72	5.63	5.56	5.65	5.65	5.43	5.15	5.47
1955	5.22	5.16	5.17	5.80	5.54	5.75	5.67	5.91	5.70	5.98	5.56	5.03	5.54
1956	5.55	5.18	5.52	5.67	5.44	5.63	5.70	5.88	5.89	5.88	5.59	5.40	5.61

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8518750
NEW YORK(THE BATTERY), NY 40 42.0N 74 05.5W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1957	4.94	5.31	5.59	5.23	5.52	5.57	5.55	5.60	5.58	5.76	5.44	5.27	5.45
1958	5.56	5.30	6.02	5.93	5.60	5.69	5.78	5.79	5.87	5.99	5.42	5.15	5.68
1959	5.04	4.95	5.26	5.66	5.26	5.61	5.52	5.66	5.69	5.82	5.47	5.59	5.46
1960	5.62	5.34	5.46	5.58	5.73	5.89	5.75	5.90	6.03	5.84	5.52	5.17	5.65
1961	5.17	5.58	5.73	5.80	5.68	5.59	5.76	5.44	5.75	5.64	5.32	5.32	5.56
1962	4.96	5.58	6.12	5.52	5.79	5.86	5.88	5.82	5.78	5.76	5.78	5.36	5.68
1963	5.56	4.82	5.39	5.46	5.38	5.63	5.70	5.64	5.63	5.54	5.66	5.08	5.46
1964	5.22	5.17	5.48	5.37	5.59	5.52	5.77	5.78	5.93	5.85	5.86	5.36	5.58
1965	5.49	5.31	5.38	5.64	5.59	5.75	5.78	5.60	5.77	5.66	5.59	5.58	5.60
1966	5.11	5.22	5.40	5.58	5.51	5.63	5.73	5.77	6.02	5.54	5.83	5.50	5.57
1967	5.58	5.41	5.71	5.91	5.91	5.89	5.93	5.86	5.83	5.57	5.39	5.68	5.72
1968	5.25	5.25	5.42	5.57	5.80	5.93	5.73	5.74	5.83	5.58	5.74	4.98	5.57
1969	5.14	5.57	5.52	5.54	5.60	5.87	5.94	5.85	5.93	5.88	5.97	5.77	5.72
1970	5.36	5.40	5.43	5.72	5.58	5.76	5.72	5.89	5.80	5.91	6.06	5.71	5.70
1971	5.30	5.41	5.41	5.65	5.83	5.88	5.72	5.71	5.96	6.19	5.92	5.41	5.70
1972	5.27	5.35	5.62	5.75	5.97	5.99	5.86	5.87	6.05	5.82	6.18	5.82	5.80
1973	5.56	5.74	5.98	5.89	5.93	5.84	5.90	5.88	5.87	5.81	5.35	5.53	5.77
1974	5.60	5.46	5.44	5.51	5.77	5.97	5.86	5.75	5.90	5.50	5.60	5.66	5.67
1975	5.33	5.42	5.46	5.48	5.78	5.82	5.79	5.84	5.84	6.09	5.82	5.73	5.70
1976	5.35	5.19	5.53	5.54	5.52	5.70	5.87	5.83	5.79	5.76	5.16	4.88	5.51
1977	4.86	4.94	5.24	5.26	5.56	5.78	5.73	5.81	6.15	6.03	5.99	5.83	5.60
1978	5.45	6.02	5.64	5.87	5.97	5.80	5.93	5.99	6.12	5.88	5.95	5.35	5.83
1979	5.65	5.40	5.53	5.77	5.78	5.77	5.79	5.91	5.86	5.72	5.55	5.28	5.67
1980	5.37	5.38	5.43	5.84	5.84	5.68	5.71	5.83	5.76	5.65	5.42	5.06	5.58
1981	4.98	5.23	5.52	5.28	5.81	5.79	5.79	5.87	5.95	5.66	5.76	5.56	5.60
1982	5.16	5.36	5.42	5.22	5.77	6.14	5.76	5.77	5.88	6.08	5.49	5.62	5.64
1983	5.54	5.88	6.05	6.17	5.88	5.91	5.91	6.04	6.01	6.12	5.99	5.69	5.93
1984	5.57	5.59	5.85	6.27	5.79	5.97	5.87	6.07	5.92	6.10	5.79	5.49	5.86
1985	5.27	5.33	5.39	5.56	5.82	5.76	5.82	5.91	5.94	5.82	6.16	5.59	5.70
1986	5.21	5.71	5.41	6.07	5.93	5.77	5.98	5.90	5.80	5.96	5.74	5.71	5.77

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8531680

SANDY HOOK,NJ 40 28.0N 74 00.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1932											4.57	4.12	
1933	4.36	3.80	4.05	4.46	4.43	4.54	4.55	4.70	4.67	4.50	4.02	4.00	4.34
1934	3.89	3.63	3.96	4.30	4.21	4.46	4.41	4.37	4.57	4.44	4.12	3.91	4.19
1935	3.96	3.88	4.04	4.55	4.21	4.51	4.40	4.51	4.48	4.32	4.89	4.17	4.33
1936	3.87	4.00	4.49	4.18	4.16	4.47	4.62	4.47	4.58	4.51	4.02	4.14	4.29
1937	4.28	4.49	3.97	4.54	4.46	4.57	4.62	4.47	4.63	4.57	4.32	4.25	4.43
1938	4.43	4.33	4.39	4.35	4.54	4.47	4.38	4.47	4.54	4.85	4.35	4.27	4.45
1939	4.13	4.12	4.38	4.42	4.59	4.65	4.60	4.77	4.68	4.51	4.34	4.00	4.43
1940	3.92	4.59	4.04	4.42	4.74	4.59	4.52	4.63	4.65	4.69	4.24	4.28	4.44
1941	4.44	4.04	4.03	4.47	4.41	4.58	4.52	4.50	4.46	4.34	4.17	4.17	4.34
1942	4.11	4.04	4.46	4.48	4.47	4.68	4.64	4.64	4.81	4.76	4.38	4.04	4.46
1943	4.19	3.95	4.16	4.19	4.34	4.51	4.55	4.63	4.72	4.72	4.38	3.78	4.34
1944	4.14	3.99	4.24	4.39	4.38	4.62	4.56	4.56	4.60	4.64	4.87	3.91	4.41
1945	3.92	4.06	4.41	4.34	4.70	4.65	4.64	4.66	4.74	4.57	4.85	4.64	4.52
1946	4.16	4.07	4.51	4.50	4.60	4.63	4.64	4.83	4.86	4.77	4.48	4.08	4.51
1947	4.22	3.83	4.22	4.47	4.59	4.79	4.65	4.80	4.73	4.63	4.91	4.00	4.49
1948	4.27	4.33	4.54	4.43	4.74	4.88	4.75	4.71	4.74	5.04	4.67	4.68	4.65
1949	4.49	4.41	4.22	4.46	4.63	4.55	4.63	4.76	4.62	4.82	4.56	3.99	4.51
1950	4.08	4.26	3.85	4.35	4.37	4.37	4.44	4.63	4.80	4.73	4.80	4.62	4.44
1951	4.21	4.32	4.87	4.56	4.87	4.97	4.68	4.84	4.79	4.93	4.67	4.27	4.66
1952	4.45	4.46	4.64	4.63	4.82	4.80	4.61	4.74	4.85	4.51	4.74	4.87	4.68
1953	4.83	4.23	4.65	4.70	4.95	4.70	4.72	4.86	4.82	4.92	4.84	4.23	4.70
1954	4.43	4.47	4.31	4.51	4.93	4.86	4.77	4.74	4.80	4.81	4.59	4.34	4.63
1955	4.45	4.30	4.31	4.98	4.74	4.93	4.88	5.06	4.84	5.09	4.70	4.18	4.70
1956	4.73	4.32	4.66	4.75	4.56	4.79	4.84	5.02	5.01	5.01	4.66	4.51	4.74
1957	4.13	4.47	4.81	4.42	4.73	4.76	4.74	4.77	4.75	4.92	4.57	4.39	4.62
1958	4.72	4.44	5.16	5.03	4.78	4.77	4.79	4.90	4.90	5.11	4.73	4.44	4.81
1959	4.07	4.08	4.43	4.72	4.44	4.79	4.64	4.94	4.85	4.99	4.63	4.71	4.61
1960	4.70	4.50	4.66	4.80	5.05	5.00	4.91	5.08	5.11	5.03	4.62	4.28	4.81
1961	4.37	4.76	4.95	5.00	4.81	4.82	4.89	4.81	5.04	5.00	4.78	4.48	4.81
1962	4.24	4.79	5.16	4.51	4.77	4.82	4.84	4.95	4.93	4.91	4.99	4.46	4.78
1963	4.39	4.08	4.59	4.66	4.58	4.79	4.76	4.72	5.02	4.74	4.89	4.24	4.62
1964	4.45	4.37	4.58	4.44	4.65	4.64	4.78	4.84	5.00	4.88	4.77	4.50	4.66
1965	4.60	4.50	4.59	4.82	4.77	4.79	4.83	4.73	4.94	4.66	4.69	4.63	4.71
1966	4.58	4.53	4.65	4.87	4.75	4.77	4.92	4.88	5.12	4.65	4.76	4.60	4.76
1967	4.56	4.48	4.77	5.01	5.01	4.94	4.97	4.94	5.04	4.83	4.61	4.90	4.84
1968	4.37	4.31	4.56	4.67	4.95	5.12	4.91	4.93	5.03	4.74	4.97	4.24	4.73
1969	4.26	4.79	4.76	4.71	4.75	5.05	5.16	5.03	5.17	5.06	5.09	4.89	4.89
1970	4.57	4.60	4.70	4.95	4.72	4.86	4.83	5.00	4.90	5.13	5.32	5.00	4.88
1971	4.57	4.70	4.72	4.95	5.08	5.11	4.98	4.99	5.19	5.40	5.16	4.75	4.97
1972	4.58	4.73	4.93	5.02	5.20	5.23	5.08	5.00	5.22	5.02	5.41	5.10	5.04
1973	4.77	5.03	5.25	5.11	5.16	5.04	5.12	5.21	5.21	5.11	4.59	4.72	5.03
1974	4.88	4.88	4.63	4.75	5.02	5.19	5.06	4.82	5.02	4.74	4.85	4.92	4.90
1975	4.60	4.66	4.70	4.70	5.04	5.18	4.99	5.01	5.10	5.26	5.04	4.96	4.94

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8531680

SANDY HOOK,NJ 40 28.0N 74 00.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1976	4.60	4.44	4.73	4.77	4.73	4.87	5.00	4.94	5.00	4.96	4.42	4.07	4.71
1977	4.06	4.14	4.44	4.46	4.76	5.02	4.87	4.95	5.36	5.12	5.03	4.92	4.76
1978	4.49	5.08	4.67	5.05	5.08	4.89	4.99	5.15	5.29	5.00	5.10	4.53	4.94
1979	4.80	4.64	4.68	4.92	4.93	4.95	5.00	5.10	5.09	4.92	4.78	4.54	4.86
1980	4.63	4.63	4.64	5.05	5.07	4.87	4.93	5.05	4.98	4.84	4.61	4.34	4.80
1981	4.30	4.54	4.76	4.48	5.05	5.01	5.01	5.09	5.17	4.88	4.99	4.67	4.83
1982	4.33	4.59	4.57	4.44	5.01	5.37	4.97	4.97	5.09	5.33	4.74	4.88	4.86
1983	4.82	5.12	5.33	5.35	5.08	5.15	5.18	5.26	5.26	5.39	5.21	4.91	5.17
1984	4.81	4.83	5.11	5.49	5.01	5.18	5.07	5.28	5.13	5.33	5.08	4.75	5.09
1985	4.56	4.69	4.66	4.81	5.08	5.04	5.06	5.14	5.18	5.06	5.39	4.82	4.96
1986	4.44	4.96	4.59	5.39	5.18	5.01	5.23	5.17	5.06	5.19	5.03	4.97	5.02

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8534720

ATLANTIC CITY,NJ 39 21.3N 74 25.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1911									5.50	6.51	5.89	5.98	
1912	5.74	5.66	5.84	5.84	6.06	6.11	6.08	6.23	6.55	6.27	6.01	5.64	6.00
1913	5.73	5.64	5.48	6.10	6.21	6.21	6.09	6.34	6.36	6.68	6.15	6.02	6.08
1914	6.41	5.82	5.86	6.04	6.23	6.14	6.37	6.26	6.42	6.44	6.01	6.41	6.20
1915	6.21	6.19	6.19	6.03	6.21	6.41	6.39	6.52	6.37	6.40	6.21	5.97	6.26
1916	5.82	5.92	6.07	6.34	6.15	6.44	6.21	6.45	6.34	6.33	6.14	5.81	6.17
1917	5.82	5.71	6.08	6.14	6.46	6.25	6.27	6.27	6.39	6.29	6.29	6.07	6.17
1918	6.08	5.80	6.08	6.52	6.08	6.41	6.41	6.26	6.30	6.19	6.25	6.36	6.23
1919	5.81	6.15	6.20	6.18	6.50	6.56	6.40	6.68	6.49	6.64	6.66	6.19	6.37
1920	6.02	6.24	5.70	6.40	6.48	6.55	6.23	6.43	6.50	6.52	6.44	6.21	6.31
1922												6.14	
1923	6.10	5.96	6.00	6.14	6.12	6.18	6.28	6.28	6.27	6.49	6.45	6.01	6.19
1924	5.57	6.24	6.56	6.13	6.46	6.40	6.21	6.41	6.43	6.43	6.10	5.65	6.22
1925	6.18	5.91	5.84	6.16	6.25	6.21	6.29	6.32	6.49	6.19	5.87	5.82	6.13
1926	5.61	6.10	5.72	5.93	6.18	6.24	6.35	6.59	6.62	6.45	6.06	6.17	6.17
1927	5.82	6.31	6.25	6.25	6.32	6.44	6.31	6.60	6.49	6.53	6.28	6.34	6.33
1928	5.58	5.88	6.04	6.01	6.40	6.35	6.30	6.53	6.65	6.22	6.02	5.94	6.16
1929	5.56	6.22	6.01	6.53	5.94	6.43	6.24	6.38	6.49	6.25	6.18	5.98	6.18
1930	6.04	6.01	5.90	5.98	6.13	6.07	6.29	6.51	6.44	6.74	6.10	6.21	6.20
1931	6.01	6.09	6.79	6.16	6.28	6.58	6.58	6.74	6.63	6.53	6.15	6.05	6.38
1932	6.33	6.34	5.99	6.21	6.22	6.40	6.40	6.39	6.73	6.38	6.76	6.28	6.37
1933	6.56	5.93	6.19	6.50	6.49	6.64	6.68	6.86	6.85	6.71	6.24	6.19	6.49
1934	6.05	5.91	6.03	6.33	6.20	6.43	6.46	6.51	6.72	6.64	6.27	6.06	6.30
1935	6.15	5.98	6.08	6.64	6.27	6.58	6.43	6.61	6.65	6.52	7.05	6.38	6.44
1936	6.04	6.17	6.38	6.18	6.20	6.54	6.67	6.48	6.63	6.60	6.15	6.32	6.36
1937	6.40	6.64	6.14	6.63	6.48	6.59	6.68	6.50	6.75	6.61	6.40	6.33	6.51
1938	6.49	6.42	6.41	6.35	6.58	6.51	6.35	6.57	6.63	6.94	6.42	6.33	6.50
1939	6.26	6.23	6.41	6.43	6.63	6.67	6.66	6.90	6.84	6.76	6.57	6.22	6.55
1940	6.17	6.75	6.24	6.36	6.74	6.65	6.55	6.76	6.82	6.84	6.33	6.36	6.55
1941	6.64	6.25	6.21	6.59	6.54	6.70	6.60	6.61	6.60	6.48	6.31	6.32	6.49
1942	6.27	6.21	6.51	6.55	6.52	6.80	6.73	6.73	6.95	6.88	6.53	6.23	6.58
1943	6.32	6.08	6.25	6.35	6.40	6.57	6.64	6.71	6.98	7.00	6.55	6.02	6.49
1944	6.36	6.23	6.52	6.58	6.45	6.75	6.66	6.74	6.80	6.85	7.15	6.06	6.60
1945	6.18	6.21	6.55	6.44	6.73	6.79	6.80	6.80	6.93	6.67	6.94	7.00	6.67
1946	6.36	6.19	6.54	6.65	6.66	6.65	6.67	6.96	7.00	6.95	6.70	6.30	6.64
1947	6.40	6.13	6.37	6.51	6.58	6.77	6.60	6.88	6.87	6.70	7.04	6.22	6.59
1948	6.31	6.51	6.47	6.44	6.69	6.83	6.65	6.76	6.82	7.25	6.81	6.77	6.69
1949	6.45	6.47	6.22	6.36	6.52	6.54	6.55	6.78	6.76	6.91	6.62	6.07	6.52
1950	6.06	6.41	5.92	6.30	6.40	6.33	6.46	6.71	6.96	6.86	6.72	6.69	6.48
1951	6.22	6.29	6.84	6.49	6.81	6.97	6.67	6.86	6.75	6.94	6.60	6.18	6.64
1952	6.45	6.48	6.65	6.47	6.78	6.71	6.53	6.62	6.88	6.52	6.70	6.79	6.63
1953	6.70	6.09	6.52	6.48	6.78	6.61	6.68	6.84	6.82	6.95	6.88	6.16	6.63
1954	6.38	6.39	6.20	6.27	6.83	6.77	6.72	6.69	6.76	6.76	6.50	6.24	6.54
1955	6.57	6.17	6.24	6.83	6.53	6.81	6.70	7.00	6.86	7.03	6.68	6.28	6.64

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8534720

ATLANTIC CITY,NJ 39 21.3N 74 25.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1956	6.89	6.33	6.65	6.69	6.37	6.73	6.77	6.99	7.16	7.05	6.69	6.45	6.73
1957	6.14	6.46	6.79	6.21	6.55	6.60	6.66	6.78	6.77	6.98	6.57	6.24	6.56
1958	6.71	6.43	7.13	6.79	6.65	6.77	6.72	6.82	6.80	7.06	6.60	6.46	6.74
1959	6.10	6.10	6.28	6.67	6.38	6.74	6.58	6.83	6.84	6.91	6.57	6.66	6.56
1960	6.70	6.54	6.68	6.71	7.06	6.92	6.61	6.79	6.82	6.97	6.48	6.12	6.70
1961	6.15	6.49	6.92	6.80	6.75	6.69	7.06	7.26	7.44	7.36	6.83	6.30	6.84
1962	6.28	6.85	7.19	6.53	6.78	6.81	6.85	6.99	6.98	6.95	7.16	6.66	6.84
1963	6.50	6.21	6.65	6.70	6.60	6.86	6.84	6.77	7.20	6.96	6.92	6.33	6.71
1964	6.52	6.49	6.56	6.44	6.64	6.67	6.77	6.82	7.04	6.95	6.84	6.56	6.69
1965	6.68	6.51	6.53	6.75	6.67	6.77	6.76	6.67	6.91	6.72	6.62	6.52	6.68
1966	6.49	6.40	6.45	6.63	6.71	6.73	6.79	6.80	6.91	6.55	6.71	6.53	6.64
1967	6.55	6.46	6.74	6.94	6.96	6.80	6.75	6.76	7.06	6.94	6.65	6.96	6.80
1968	6.55	6.50	6.64	6.69	6.99	7.07	6.91	6.94	7.07	6.85	7.15	6.45	6.82
1969	6.44	7.01	6.83	6.60	6.76	7.05	7.16	7.01	7.24	7.20	7.15	7.03	6.96
1970													
1971							6.89	6.98	7.04	7.50	7.24	6.67	
1972	6.58	6.77	6.93	6.91	7.06	7.02	7.05	7.10	7.31	7.12	7.46	7.19	7.04
1973	6.84	7.08	7.26	7.12	7.16	7.07	7.14	7.22	7.21	7.14	6.60	6.85	7.06
1974	7.01	6.98	6.73	6.84	7.10	7.21	7.15	7.09	7.26	6.85	6.96	6.97	7.01
1975	6.73	6.78	6.87	6.74	7.12	7.09	7.03	7.08	7.11	7.32	7.00	6.95	6.98
1976	6.55	6.35	6.61	6.79	6.68	6.85	6.95	7.05	7.16	7.06	6.51	6.22	6.73
1977			6.60	6.45	6.65	6.89	6.69	6.75	7.17	6.86	6.84	6.73	
1978	6.70	7.18	6.80	6.96	6.97	6.77	7.00	7.04	7.28	7.10	7.21	6.57	6.96
1979	6.75	6.70	6.60	6.80	6.80	6.93	7.02	7.10	7.06	6.87	6.79	6.58	6.83
1980	6.73	6.72	6.51	6.97	7.12	6.95	6.82	7.01	6.95	6.86	6.73	6.47	6.82
1981	6.32	6.44	6.76	6.43	7.07	6.94	6.96	7.06	7.33	7.02	7.11	6.81	6.85
1982	6.47	6.77	6.66	6.21	7.05	7.45	7.13	7.16	7.33	7.56	6.89	7.05	6.98
1983	6.97	7.35	7.42	7.17	6.98	7.08	7.14	7.23	7.27	7.43	7.16	6.86	7.17
1984	6.88	6.78	7.14	7.43	6.92	7.08	7.00	7.46	7.35	7.42	7.16	6.78	7.12
1985	6.70	6.65	6.66	6.83	6.98	6.95							

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8545530

PHILADELPHIA,PA 39 57.1N 75 08.4W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1900							6.34	6.33	6.31	6.37	5.95	5.97	
1901	5.91	4.90	6.14	7.06	7.01	6.91	6.64	6.94	6.98	6.42	6.21	6.56	6.47
1902	6.22	6.14	7.30	6.87	6.59	6.56	6.83	6.89	7.01	7.31	6.80	6.85	6.78
1903	6.20	6.25	7.14	7.32	6.56	7.20	6.76	6.78	6.76	7.19	6.29	5.83	6.69
1904	6.07	5.74	6.52	6.48	6.45	6.67	6.51	6.53	6.65	6.78	6.40	6.13	6.41
1905	6.12	5.79	6.65	6.48	6.31	6.41	6.48	6.56	6.71	6.52	6.09	6.38	6.38
1906	6.40	6.25	6.20	6.90	6.51	6.92	6.84	6.91	6.70	6.80	6.17	5.81	6.53
1907	6.33	5.80	6.48	6.40	6.59	6.85	6.58	6.48	6.52	6.46	6.84	6.82	6.51
1908	6.30	6.25	6.62	6.31	6.98	6.63	6.39	6.65	6.51	6.56	5.77	5.84	6.40
1909	6.13	6.32	6.21	6.48	6.98	6.57	6.34	6.59	6.56	6.15	6.12	6.08	6.38
1910	6.32	5.85	6.81	6.84	6.52	6.80	6.66	6.66	6.81	6.44	6.17	6.27	6.51
1911	6.06	6.20	6.25	6.79	6.44	6.85	6.44	6.55	6.78	7.03	6.40	6.31	6.51
1912	5.94	5.91	6.56	6.73	6.82	6.39	6.36	6.52	6.83	6.56	6.34	6.01	6.41
1913	6.50	5.86	6.23	6.71	6.62	6.58	6.41	6.62	6.54	6.85	6.50	6.20	6.47
1914	6.41	5.93	6.11	6.89	6.76	6.43	6.81	6.55	6.49	6.59	6.06	6.35	6.45
1915	6.78	6.90	6.32	6.29	6.59	6.73	6.85	7.12	6.67	6.62	6.36	6.04	6.61
1916	6.25	6.04	6.20	7.12	6.64	6.99	6.76	6.78	6.60	6.45	6.28	5.94	6.50
1917	6.15	5.78	6.67	6.61	6.78	6.88	6.82	6.76	6.69	6.61	6.44	6.06	6.52
1918	6.11	6.30	6.68	7.05	6.67	6.79	6.64	6.72	6.67	6.62	6.37	6.54	6.60
1919	6.17	6.28	6.63	6.67	7.20	7.07	7.12	7.07	6.82	6.91	7.04	6.42	6.78
1920	6.05	6.02	6.64	7.20	6.85	6.87	6.74	6.89	6.76	6.78	6.69	6.90	6.70
1921	6.31												
1922						6.89	6.82	6.69	6.78	6.55	6.21	6.15	
1923	6.15	5.67	6.75	6.81	6.78	6.36	6.61	6.64	6.59	6.71	6.63	6.50	6.52
1924	6.24	6.50	6.79	7.02	7.29	6.91	6.65	6.69	6.66	6.80	6.29	5.75	6.63
1925	6.22	6.67	6.34	6.59	6.60	6.49	6.57	6.52	6.66	6.27	6.41	6.04	6.45
1926	5.84	6.32	6.19	6.44	6.51	6.59	6.55	6.96	7.03	6.80	6.73	6.27	6.52
1927	5.91	6.70	6.82	6.66	6.86	6.86	6.75	6.96	6.92	7.19	7.00	6.97	6.80
1928	5.92	6.46	6.43	6.72	7.00	7.09	7.23	7.06	7.04	6.50	6.06	6.06	6.63
1929	5.62	6.32	6.64	7.20	6.69	6.78	6.54	6.62	6.73	6.62	6.54	6.29	6.55
1930	6.29	6.42	6.42	6.40	6.38	6.61	6.60	6.69	6.65	6.66	6.10	6.06	6.44
1931	5.97	6.06	6.86	6.66	6.82	6.91	7.05	6.92	6.79	6.63	6.27	6.02	6.58
1932	6.70	6.47	5.96	6.64	6.57	6.71	6.66	6.68	6.85	6.67	7.27	6.59	6.65
1933	6.69	6.05	6.59	7.31	7.06	7.00	7.03	7.50	7.46	6.98	6.41	6.30	6.86
1934	6.35	5.76	6.40	7.08	6.78	6.95	6.88	6.81	7.20	6.85	6.52	6.44	6.67
1935	6.33	6.21	6.69	6.96	6.76	6.95	7.09	6.97	6.94	6.71	7.30	6.45	6.78
1936	6.31	6.42	7.79	6.95	6.64	6.91	6.94	6.77	6.85	6.88	6.27	6.58	6.78
1937	7.03	6.89	6.32	7.25	7.08	7.05	7.06	6.92	6.95	6.99	6.74	6.56	6.90
1938	6.81	6.69	6.70	6.77	6.89	7.00	7.18	7.07	7.17	7.12	6.69	6.85	6.91
1939	6.38	6.82	7.00	7.09	6.97	6.97	6.87	7.06	7.01	6.75	6.60	6.13	6.80
1940	6.07	6.55	6.61	7.43	7.27	7.13	6.86	6.99	7.09	6.93	6.69	6.78	6.87
1941	6.74	6.13	6.22	7.07	6.66	6.97	6.97	6.82	6.71	6.60	6.35	6.27	6.63
1942	6.34	6.02	6.94	6.80	7.07	7.14	6.95	7.16	7.19	7.26	6.72	6.46	6.84
1943	6.54	6.42	6.70	6.60	6.97	7.03	6.88	6.88	6.83	6.91	6.60	5.97	6.69

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8545530

PHILADELPHIA,PA 39 57.1N 75 08.4W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1944	6.23	6.18	6.70	6.95	6.91	6.97	6.87	6.72	6.82	6.70	6.84	6.15	6.67
1945	6.03	6.36	7.09	6.84	7.17	7.30	7.42	7.20	7.31	7.04	7.10	7.08	7.00
1946	6.60	6.26	7.17	6.82	7.20	7.24	7.12	7.11	7.07	7.04	6.72	6.21	6.88
1947	6.45	5.95	6.54	7.06	7.21	7.24	7.15	7.07	7.03	6.78	7.28	6.24	6.83
1948	6.33	6.69	7.21	7.03	7.30	7.29	7.02	6.97	7.02	7.14	6.94	6.86	6.98
1949	7.09	6.95	6.44	6.87	7.15	7.01	6.92	6.95	6.81	6.98	6.65	6.20	6.84
1950	6.35	6.58	6.29	6.79	6.88	6.81	6.80	6.91	7.07	6.97	7.08	7.02	6.80
1951	6.57	6.78	7.29	7.20	7.08	7.34	6.99	7.10	7.03	7.14	7.01	6.71	7.02
1952	6.93	6.79	7.08	7.35	7.42	7.13	7.00	7.00	7.26	6.63	7.00	7.27	7.07
1953	7.21	6.64	7.08	7.25	7.43	7.10	6.98	7.06	7.00	6.97	6.87	6.47	7.00
1954	6.37	6.70	6.67	6.92	7.30	7.10	7.00	6.85	7.02	6.96	6.86	6.45	6.85
1955	6.57	6.46	6.70	7.20	6.93	7.13	6.99	7.79	7.20	7.65	6.98	6.32	6.99
1956	6.67	6.56	6.99	7.31	7.11	7.17	7.17	7.26	7.35	7.30	6.99	6.95	7.07
1957	6.40	6.79	7.14	6.90	7.05	7.13	7.02	7.01	6.97	6.96	6.66	6.67	6.89
1958	6.71	6.31	7.44	7.84	7.34	7.10	6.97	7.13	7.02	7.27	6.93	6.62	7.06
1959	6.51	6.36	6.69					7.15	7.12		6.82	7.05	
1960				7.33	7.36								
1961	6.42	6.92	7.39	7.38	7.17	6.97	7.05	7.13	7.18	6.94	6.76	6.49	6.98
1962	6.52	6.87	7.43	6.96	7.09	7.07	7.02	7.33	7.26	7.07	7.19	6.47	7.02
1963	6.27	6.04	7.04	6.80	6.80	7.10	6.92	6.84	7.12	6.74	6.83	6.25	6.73
1964	6.54	6.35	6.88	6.84	6.96	6.84	6.92	7.01	7.14	6.87	6.76	6.40	6.79
1965	6.50	6.54	6.70	6.80	6.90	6.84	7.01	6.87	7.05	6.84	6.60	6.56	6.77
1966	6.24	6.52	6.93	7.05	7.03	6.95	7.01	6.95	7.22	6.77	6.90	6.50	6.84
1967	6.63	6.54	6.96	7.15	7.31	7.15	7.15	7.32	7.21	7.01	6.68	7.05	7.01
1968	6.45	6.38	6.74	6.96	7.26	7.53	7.18	7.09	7.20	6.85	6.99	6.24	6.91
1969	6.29	6.57	6.77	7.02	7.04	7.36	7.49	7.39	7.31	7.17	7.14	6.70	7.02
1970	6.49	6.79	6.84	7.23	7.08	7.17	7.12	7.28	7.12	7.31	7.52	6.94	7.07
1971	6.56	7.03	7.04	7.12	7.30	7.36	7.07	7.21	7.50	7.70	7.28	6.95	7.18
1972	6.74	6.64	7.21	7.37	7.58	7.81	7.44	7.25	7.37	7.09	7.67	7.40	7.30
1973	7.01	7.17	7.37	7.56	7.64	7.50	7.52	7.40	7.37	7.27	6.58	7.15	7.30
1974	7.22	6.92	6.86	7.19	7.33	7.42	7.26	7.20	7.36	6.83	6.83	7.17	7.13
1975	6.85	7.02	6.99	6.58	7.45	7.44	7.45	7.22	7.42	7.52	7.37	6.93	7.19
1976	6.77	6.89	7.02	6.87	6.96	7.14	7.16	7.12	7.15	7.32	6.52	6.13	6.92
1977	6.10	6.17	6.98	7.01	6.94	7.14	6.97	7.07	7.53	7.28	7.30	7.30	6.98
1978	6.96	6.92	7.21	7.36	7.58	7.10	7.23	7.35	7.44	7.11	7.15	6.53	7.16
1979	7.18	6.63	7.16	7.12	7.33	7.27	7.20	7.24	7.44	7.27	7.03	6.55	7.12
1980	6.68	6.43	6.71	7.50	7.32	6.97	7.02	7.10	7.04	6.87	6.62	6.25	6.88
1981	6.12	6.70	6.82	6.88	7.56	7.18	7.14	7.22	7.26	6.91	6.90	6.55	6.94
1982	6.36	6.84	6.87	6.68	7.08	7.64	7.16	7.10	7.21	7.37	6.77	6.92	7.00
1983	6.78	7.17	7.51	7.94	7.46	7.43	7.27	7.38	7.32	7.48	7.26	7.08	7.34
1984	6.75	7.02	7.15	8.01	7.42	7.44	7.45	7.45	7.27	7.46	6.99	6.85	7.27
1985	6.42	6.60	6.68	6.93	7.23	7.18	7.25	7.24	7.38	7.28	7.69	6.97	7.07
1986	6.46	7.13	6.92	7.62	7.43	7.20	7.30	7.34	7.15	7.20	7.11	7.13	7.17*

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

* DENOTES THAT VALUES ARE CONSIDERED PRELIMINARY AND MAYBE SUBJECTED TO MINOR CHANGES.

RUN DATE 08/19/87

STATION NO. 8557380

LEWES,DE 38 46.9N 75 07.2W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1919		4.12	4.19	4.19	4.39	4.54	4.32	4.67	4.67	4.56	4.68	4.22	
1920						4.35	4.14	4.32	4.44	4.48	4.32	4.42	
1921	3.94	4.26	3.88	4.26	4.70	4.29	4.62	4.45	4.35	4.21	4.44	4.13	4.29
1922	3.96	4.15	4.11	4.25	4.20	4.20	4.40	4.37	4.53	4.28	4.24	4.22	4.24
1923	3.92	4.05	3.92	4.21									
1936					4.06	4.36	4.50	4.30	4.55	4.47	3.99	4.14	
1937	4.28	4.54	4.02	4.49	4.33	4.35	4.51	4.27	4.63	4.48	4.25	4.19	4.36
1938	4.35	4.32	4.25	4.21	4.43	4.35	4.21	4.37	4.47	4.82	4.38	4.24	4.37
1939	4.13	4.06	4.31	4.26	4.52	4.55	4.47	4.67	4.70	4.63	4.47	3.99	4.40
1947					4.58	4.77	4.57	4.81	4.95	4.69	5.09	4.14	
1948	4.42	4.46	4.55	4.50	4.77	4.89	4.66	4.69	4.84	5.23	4.71	4.77	4.71
1949	4.50	4.48	4.24	4.41	4.63	4.54	4.52	4.73	4.73	4.95	4.63	4.08	4.54
1950	4.09	4.43											
1951													
1952						4.73	4.55	4.73	4.87	4.58	4.70	4.88	
1953	4.79	4.20	4.62	4.56	4.87	4.66	4.69	4.88	4.80	5.02	4.82	4.14	4.67
1954	4.48	4.40	4.23	4.45	4.91	4.79	4.69	4.68	4.80	4.83	4.55	4.28	4.59
1955	4.54	4.24	4.18	4.84	4.60	4.87	4.68	4.95	4.92	4.95	4.68	4.29	4.64
1956	4.90	4.24	4.61	4.65	4.50	4.75	4.76	4.97	5.16	5.22	4.75	4.52	4.75
1957	4.22	4.55	4.83	4.30	4.66	4.72	4.60	4.73	4.73	4.95	4.58	4.28	4.60
1958	4.55	4.25	5.13	4.95	4.71	4.73	4.61	4.82	4.84	5.21	4.67	4.49	4.75
1959	4.14	4.08	4.37	4.68	4.47	4.71	4.51	4.84	4.81	4.99	4.64	4.64	4.57
1960	4.58	4.49	4.69	4.68	4.96	4.99	4.84	5.03	5.12	5.09	4.61	4.33	4.78
1961	4.34	4.79	4.97	4.88	4.75	4.59	4.75	4.71	5.02	5.11	4.75	4.50	4.76
1962	4.22	4.76	5.23	4.33	4.74	4.77	4.71	4.89	5.17	5.32	5.31	4.55	4.83
1963	4.33	4.09	4.44	4.51	4.48	4.72	4.65	4.58	5.03	4.74	4.75	4.21	4.54
1964	4.46	4.48	4.54	4.60	4.86	4.82	4.93	4.95	5.07	4.91	4.76	4.51	4.74
1965	4.67	4.38	4.53	4.74	4.59	4.70	4.71	4.66	4.80	4.69	4.59	4.49	4.63
1966	4.46	4.37	4.42	4.60	4.68	4.65	4.77	4.60	4.97	4.51	4.74	4.55	4.61
1967	4.41	4.37	4.69	4.85	4.93	4.80	4.77	4.80	4.97	4.62	4.41	4.67	4.69
1968	4.21	4.25	4.28	4.43	4.75	4.82	4.62	4.82	4.97	4.69	4.86	4.23	4.58
1969	4.43	4.89	4.76	4.56	4.70	4.95	5.08	5.02	5.16	5.16	5.13	4.98	4.90
1970	4.70	4.57	4.77	4.95	4.75	4.84	4.79	5.03	4.90	5.11	5.23	4.97	4.88
1971	4.55	4.65	4.65	4.85	4.92	4.99	4.71	4.85	5.09	5.42	5.10	4.62	4.87
1972	4.54	4.59	4.83	4.97	5.10	5.03	4.91	4.97	5.37	5.18	5.33	5.06	4.99
1973	4.85	5.17	5.21	5.08	5.13	5.00	5.10	5.26	5.34	5.25	4.64	4.74	5.06
1974	4.85	4.82	4.54	4.58	4.89								
1975	4.50	4.66	4.68	4.66	4.92	4.94	4.88	5.04	5.04	5.23	4.99	4.91	4.87
1976	4.54	4.31	4.60	4.73	4.60	4.76	4.91	4.95	4.99	5.03	4.40	4.12	4.66
1977	3.93	4.01	4.31	4.33	4.62	4.88	4.73	4.75	5.21	4.95	4.91	4.81	4.62
1978	4.36	5.02	4.67	4.91	4.94	4.75	4.92	4.98	5.24	5.01	5.19	4.43	4.87
1979	4.60	4.66	4.52	4.79	4.69	4.83	4.92	5.01	5.05	4.84	4.74	4.51	4.76
1980	4.69	4.60	4.54	4.86	5.00	4.76	4.74	4.92	4.89	4.80	4.64	4.43	4.74
1981	4.25	4.36	4.72	4.39	5.01	4.90	4.90	5.03	5.15	4.87	4.96	4.60	4.76

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8557380

LEWES,DE 38 46.9N 75 07.2W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1982	4.28	4.66	4.58	4.32	4.89	5.30	4.94	4.92	5.11	5.43	4.75	4.89	4.84
1983	4.88	5.26	5.31	5.11	4.91	5.03	5.08	5.14	5.20	5.38	5.06	4.82	5.10
1984	4.87	4.73	5.09	5.39	4.81	4.97	4.84	5.24	5.21	5.37	5.04	4.66	5.02
1985	4.53	4.57	4.59	4.67	4.95	4.88	4.87	5.07	5.19	5.15	5.40	4.72	4.88
1986	4.44	5.03	4.42	5.27	5.05	4.81	5.05	4.97	4.91	5.14	5.03	4.93	4.92

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "0".

RUN DATE 08/19/87

STATION NO. 8574680

BALTIMORE,MD 39.16.ON 76 34.7W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1902						4.30	4.44	4.49	4.16	4.53	4.42	4.00	
1903	3.64	3.47	4.04	4.36	4.37	4.78	4.39	4.61	4.50	4.39	3.92	3.42	4.16
1904	3.52	3.33	3.77	3.82	4.17	4.35	4.28	4.21	4.36	4.12	3.90	3.70	3.96
1905	3.41	3.37	3.79	3.92	4.11	4.32	4.44	4.49	4.39	4.20	3.94	3.80	4.02
1906	3.90	3.50	3.62	3.97	4.09	4.52	4.57	4.57	4.37	4.34	3.74	3.46	4.05
1907	3.72	3.52	3.87	3.78	4.14	4.44	4.23	4.27	4.25	4.01	4.00	3.95	4.02
1908	3.64	3.56	3.85	3.76	4.24	4.37	4.33	4.55	4.51	4.46	3.70	3.72	4.06
1909	3.72	3.63	3.71	3.96	4.44	4.37	4.28	4.54	4.46	4.03	3.95	3.87	4.08
1910	3.84	3.50	4.00	4.42	4.17	4.36	4.49	4.45	4.65	4.37	3.77	3.75	4.15
1911	3.71	3.86	3.73	4.08	4.12	4.38	4.21	4.44	4.60	4.52	3.78	3.77	4.10
1912	3.39	3.61	3.74	3.89	4.30	4.21	4.21	4.28	4.69	4.23	3.87	3.60	4.00
1913	3.74	3.53	3.52	3.94	4.09	4.23	4.20	4.47	4.40	4.43	4.01	3.77	4.03
1914	3.99	3.44	3.54	4.13	4.13	4.18	4.40	4.38	4.23	4.46	3.85	3.99	4.06
1915	3.99	3.95	3.79	3.81	4.24	4.46	4.51	4.62	4.45	4.42	4.13	3.64	4.17
1916	3.80	3.48	3.72	4.18	4.18	4.61	4.51	4.51	4.44	4.34	4.08	3.67	4.13
1917	3.73	3.49	4.05	3.99	4.33	4.34	4.47	4.51	4.42	4.32	3.99	3.69	4.11
1918	3.85	3.73	3.99	4.35	4.18	4.49	4.40	4.48	4.41	4.38	4.11	4.12	4.21
1919	3.67	3.85	3.86	4.07	4.63	4.77	4.70	4.61	4.54	4.61	4.48	3.87	4.30
1920	3.67	3.75	3.62	4.37	4.40	4.40	4.29	4.44	4.44	4.40	4.20	4.09	4.17
1921	3.75	4.09	4.04	4.24	4.68	4.44	4.48	4.39	4.60	4.11	4.23	3.96	4.25
1922	3.33	3.80	3.97	4.13	4.38	4.41	4.49	4.45	4.58	4.38	3.98	3.88	4.15
1923	3.87	3.62	4.05	4.20	4.34	4.13	4.39	4.44	4.45	4.28	4.26	4.02	4.17
1924	3.64	4.00	4.13	4.27	4.71	4.54	4.40	4.54	4.57	4.27	4.08	3.42	4.21
1925	3.89	4.03	3.70	4.15	4.23	4.31	4.38	4.33	4.54	4.03	3.90	3.51	4.08
1926	3.45	3.88	3.57	3.88	4.10	4.25	4.28	4.60	4.73	4.45	4.10	3.88	4.10
1927	3.47	4.12	3.99	4.11	4.31	4.44	4.41	4.50	4.49	4.49	4.13	4.02	4.21
1928	3.38	3.71	3.85	4.05	4.28	4.54	4.46	4.59	4.56	4.28	3.73	3.72	4.10
1929	3.26	3.83	3.93	4.35	4.21	4.49	4.32	4.40	4.51	4.27	4.09	3.83	4.12
1930	3.76	3.94	3.88	3.96	4.01	4.24	4.32	4.50	4.49	4.36	3.80	3.75	4.08
1931	3.70	3.73	4.13	4.05	4.34	4.47	4.59	4.41	4.45	4.36	4.07	3.80	4.18
1932	4.20	4.09	3.55	4.01	4.20	4.41	4.31	4.47	4.61	4.33	4.33	4.05	4.21
1933	4.09	3.66	3.81	4.50	4.53	4.49	4.73	4.90	4.81	4.56	4.00	3.93	4.33
1934	3.80	3.40	3.88	4.38	4.28	4.62	4.60	4.48	4.83	4.33	4.05	3.84	4.21
1935	3.79	3.78	4.04	4.30	4.26	4.58	4.57	4.68	4.60	4.40	4.47	3.79	4.27
1936	3.78	4.04	4.59	4.21	4.27	4.58	4.65	4.57	4.59	4.59	3.94	3.99	4.32
1937	4.35	4.18	3.79	4.58	4.58	4.62	4.72	4.62	4.60	4.64	4.28	4.09	4.42
1938	4.33	4.09	4.30	4.30	4.49	4.53	4.56	4.50	4.54	4.63	4.38	4.12	4.40
1939	4.00	4.21	4.36	4.36	4.66	4.73	4.69	4.65	4.88	4.46	4.19	3.86	4.42
1940	3.70	4.18	4.08	4.37	4.74	4.66	4.53	4.88	4.62	4.57	4.19	4.29	4.40
1941	4.11	3.63	3.73	4.49	4.27	4.68	4.71	4.53	4.60	4.43	4.23	4.01	4.28
1942	3.99	3.67	4.34	4.40	4.67	4.80	4.67	4.80	4.87	4.96	4.36	4.03	4.46
1943	4.06	4.02	4.09	4.21	4.48	4.69	4.70	4.77	4.57	4.61	4.25	3.78	4.35
1944	3.93	3.89	4.21	4.31	4.62	4.68	4.78	4.66	4.65	4.46	4.46	3.79	4.37
1945	3.82	3.98	4.45	4.46	4.79	4.73	4.90	4.77	5.03	4.73	4.67	4.56	4.57

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8574680

BALTIMORE,MD 39 16.0N 76 34.7W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1946	4.25	4.07	4.63	4.61	4.75	4.82	4.86	4.82	4.82	4.84	4.53	4.11	4.59
1947	4.24	3.70	4.12	4.57	4.58	4.98	4.81	4.91	4.88	4.67	4.87	3.94	4.52
1948	3.88	4.24	4.52	4.51	4.79	4.84	4.82	4.71	4.87	4.77	4.72	4.48	4.60
1949	4.42	4.41	3.99	4.41	4.71	4.83	4.80	4.86	4.66	4.87	4.40	3.93	4.52
1950	4.10	4.16	3.72	4.24	4.52	4.51	4.58	4.73	4.89	4.81	4.78	4.36	4.45
1951	4.15	4.08	4.74	4.60	4.69	5.11	4.80	4.89	4.92	4.84	4.27	4.17	4.60
1952	4.18	4.30	4.46	4.53	4.85	4.66	4.74	4.79	4.89	4.42	4.67	4.55	4.59
1953	4.61	4.15	4.40	4.56	4.90	4.90	4.82	4.89	4.92	4.84	4.51	4.09	4.63
1954	4.09	4.34	4.18	4.58	4.76	4.84	4.75	4.60	4.86	4.74	4.43	3.94	4.51
1955	4.21	4.12	4.18	4.71	4.72	4.80	4.83	5.26	4.98	5.11	4.45	3.97	4.61
1956	4.16	4.16	4.40	4.65	4.79	4.86	4.88	5.01	5.04	5.08	4.65	4.45	4.68
1957	4.00	4.36	4.67	4.47	4.81	4.96	4.72	4.77	4.89	4.69	4.51	4.13	4.58
1958	4.24	3.75	4.65	5.03	4.77	4.91	4.79	4.88	4.89	4.97	4.60	4.24	4.64
1959	3.95	4.01	4.23	4.74	4.54	4.59	4.82	5.01	4.96	5.04	4.54	4.45	4.57
1960	4.38	4.30	4.16	4.77	5.12	5.07	4.95	5.08	5.17	4.88	4.62	3.93	4.70
1961	4.02	4.56	4.81	4.70	4.75	4.84	4.83	4.84	4.95	4.79	4.61	4.32	4.67
1962	4.07	4.45	4.89	4.40	4.86	4.91	4.88	5.01	5.00	4.90	4.78	4.20	4.70
1963	4.11	3.86	4.45	4.45	4.56	4.76	4.75	4.70	4.93	4.57	4.53	3.94	4.47
1964	4.13	3.96	4.46	4.48	4.63	4.64	4.80	4.85	4.98	4.74	4.58	4.29	4.54
1965	4.27	4.28	4.35	4.63	4.68	4.80	4.87	4.75	5.00	4.68	4.53	4.39	4.60
1966	3.97	4.16	4.50	4.65	4.76	4.77	4.90	4.77	4.97	4.58	4.67	4.21	4.58
1967	4.28	4.09	4.47	4.63	4.86	4.98	4.90	4.96	4.90	4.82	4.42	4.62	4.66
1968	4.14	3.98	4.22	4.67	4.90	5.03	4.91	4.91	5.01	4.73	4.77	3.95	4.60
1969	4.01	4.10	4.39	4.66	4.78	5.08	5.14	4.93	5.08	4.96	4.76	4.14	4.67
1970	4.15	4.20	4.42	4.86	4.73	5.01	4.97	5.12	4.99	5.10	5.07	4.65	4.77
1971	4.17	4.55	4.36	4.57	4.86	5.00	4.84	4.82	5.18	5.39	4.84	4.54	4.76
1972	4.42	4.26	4.67	4.91	5.14	5.18	5.02	5.09	5.16	4.81	4.98	4.76	4.87
1973	4.61	4.60	4.95	4.88	5.06	5.07	5.07	5.11	5.18	5.12	4.38	4.44	4.87
1974	4.73	4.46	4.30	4.57	4.95	5.10	4.93	4.97	5.03	4.53	4.55	4.66	4.73
1975	4.34	4.57	4.48	4.12	5.05	5.00	5.11	4.94	5.18	5.07	4.95	4.63	4.79
1976	4.36	4.38	4.67	4.52	4.73	5.07	4.87	4.95	5.04	4.89	4.27	3.97	4.64
1977	3.37	3.67	4.42	4.48	4.68	4.84	4.80	4.90	5.28	4.86	4.87	4.72	4.57
1978	4.30	4.56	4.57	4.86	5.10	4.84	5.08	5.12	5.30	4.94	4.98	4.28	4.83
1979	4.39	4.25	4.68	4.66	4.86	5.00	4.95	4.99	5.23	4.94	4.73	4.31	4.75
1980	4.42	4.13	4.18	4.92	4.97	4.75	4.84	4.94	4.94	4.65	4.30	4.07	4.59
1981	3.90	4.27	4.28	4.39	4.94	4.90	4.92	5.07	5.03	4.76	4.60	4.16	4.60
1982	4.04	4.45	4.53	4.29	4.89	5.36	4.96	4.89	5.06	5.22	4.71	4.69	4.76
1983	4.46	4.77	4.94	5.05	5.04	5.16	5.04	5.21	5.11	5.31	4.94	4.51	4.96
1984	4.47	4.65	4.65	5.39	4.87	5.07	4.99	5.15	5.00	5.25	4.74	4.58	4.90
1985	4.14	4.33	4.39	4.75	5.00	4.94	5.10	5.13	4.90	5.08	5.34	4.50	4.80
1986	4.06	4.67	4.38	5.02	5.02	4.87	5.01	5.07	5.03	5.01	4.71	4.61	4.79*

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "0".

* DENOTES THAT VALUES ARE CONSIDERED PRELIMINARY AND MAYBE SUBJECTED TO MINOR CHANGES.

RUN DATE 08/19/87

STATION NO. 8575512

ANNAPOLIS,MD 38 59.0N 76 28.8W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1928									4.84	4.53	4.00	4.02	
1929	3.57	4.14	4.19	4.62	4.44	4.72	4.56	4.66	4.78	4.60	4.41	4.06	4.40
1930	4.10	4.26	4.20	4.26	4.30	4.49	4.57	4.75	4.70	4.73	4.07	4.00	4.37
1931	3.95	3.98	4.45	4.31	4.58	4.69	4.80	4.70	4.72	4.63	4.34	4.02	4.43
1932	4.53	4.45	3.98	4.33	4.49	4.66	4.58	4.71	4.90	4.63	4.64	4.36	4.52
1933	4.42	3.97	4.14	4.80	4.80	4.80	4.99	5.14	5.06	4.86	4.31	4.24	4.63
1934	4.11	3.72	4.09	4.62	4.54	4.86	4.83	4.76	5.05	4.63	4.31	4.14	4.47
1935	4.11	4.02	4.31	4.62	4.55	4.82	4.79	4.92	4.97	4.77	4.84	4.14	4.57
1936	4.09	4.27	4.81	4.47	4.54	4.83	4.88	4.76	4.85	4.86	4.21	4.27	4.57
1937	4.60	4.53	4.13	4.85	4.83	4.87	4.96	4.86	4.87	4.94	4.56	4.36	4.70
1938	4.56	4.45	4.61	4.62	4.79	4.80	4.80	4.77	4.79	4.89	4.63	4.37	4.67
1939	4.30	4.41	4.61	4.62	4.85	4.94	4.90	4.91	5.15	4.73	4.51	4.21	4.68
1940	4.05	4.54	4.47	4.65	5.03	4.95	4.81	5.19	4.95	4.91	4.54	4.60	4.72
1941	4.47	4.02	4.07	4.79	4.57	4.96	4.96	4.79	4.87	4.69	4.51	4.31	4.58
1942	4.29	4.09	4.62	4.69	4.91	5.03	4.91	5.02	5.14	5.21	4.67	4.34	4.74
1943	4.35	4.30	4.37	4.52	4.71	4.93	4.94	5.03	4.89	4.89	4.57	4.07	4.63
1944	4.25	4.23	4.54	4.63	4.90	5.00	5.03	4.93	4.92	4.84	4.84	4.08	4.68
1945	4.21	4.28	4.72	4.76	5.05	5.03	5.16	5.07	5.31	5.03	5.03	4.86	4.88
1946	4.57	4.41	4.89	4.93	5.01	5.08	5.20	5.20	5.18	5.14	4.86	4.38	4.90
1947	4.49	4.04	4.36	4.81	4.88	5.24	5.02	5.16	5.18	4.97	5.21	4.26	4.80
1948	4.14	4.48	4.78	4.79	5.04	5.10	5.10	4.96	5.15	5.08	4.99	4.81	4.87
1949	4.71	4.70	4.29	4.74	4.99	5.13	5.04	5.12	4.93	5.09	4.62	4.20	4.80
1950	4.35	4.41	4.03	4.54	4.77	4.73	4.81	4.96	5.16	5.08	4.98	4.67	4.71
1951	4.40	4.45	5.01	4.87	4.95	5.33	5.00	5.11	5.13	5.12	4.58	4.42	4.86
1952	4.48	4.65	4.76	4.84	5.09	4.93	4.92	4.99	5.20	4.73	4.92	4.86	4.86
1953	4.89	4.44	4.70	4.83	5.15	5.12	5.05	5.16	5.17	5.14	4.81	4.37	4.90
1954	4.39	4.62	4.55	4.85	5.07	5.10	5.02	4.88	5.12	4.99	4.70	4.24	4.79
1955	4.53	4.36	4.47	4.98	4.91	5.01	4.99	5.46	5.17	5.29	4.76	4.27	4.85
1956	4.53	4.44	4.70	4.93	4.97	5.09	5.09	5.28	5.29	5.34	4.89	4.68	4.94
1957	4.29	4.64	4.91	4.67	5.01	5.16	4.98	5.00	5.13	4.98	4.81	4.42	4.83
1958	4.59	4.16	4.97	5.24	5.02	5.14	5.03	5.14	5.17	5.27	4.94	4.58	4.94
1959	4.35	4.32	4.57	5.02	4.77	4.92	4.98	5.25	5.21	5.33	4.83	4.78	4.86
1960	4.69	4.66	4.47	4.94	5.34	5.30	5.18	5.34	5.40	5.15	4.88	4.27	4.97
1961	4.37	4.84	5.11	5.08	5.07	5.07	5.06	5.12	5.23	5.11	4.91	4.64	4.97
1962	4.42	4.76	5.27	4.73	5.20	5.17	5.14	5.26	5.23	5.23	5.16	4.58	5.01
1963	4.48	4.22	4.78	4.83	4.85	5.07	5.08	4.98	5.23	4.90	4.88	4.33	4.80
1964	4.50	4.36	4.81	4.73	4.95	4.94	5.02	5.18	5.29	5.06	4.93	4.60	4.86
1965	4.57	4.63	4.74	5.02	5.02	5.11	5.16	5.07	5.26	5.04	4.90	4.74	4.94
1966	4.42	4.56	4.87	5.01	5.10	5.06	5.13	5.16	5.30	4.86	5.01	4.60	4.92
1967	4.59	4.48	4.80	5.04	5.23	5.26	5.20	5.31	5.25	5.14	4.79	4.97	5.00
1968	4.53	4.47	4.58	4.99	5.22	5.34	5.24	5.21	5.38	5.08	5.02	4.35	4.95
1969	4.43	4.60	4.80	4.91	5.14	5.46	5.47						
1970	4.60	4.63	4.83	5.22	5.00	5.25	5.17	5.36	5.14	5.40	5.40	4.98	5.08
1971	4.58	4.85	4.73	5.00	5.18	5.33	5.17	5.13	5.44	5.70	5.16	4.88	5.10

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8575512

ANNAPOLIS,MD 38 59.0N 76 28.8W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1972	4.79	4.63	5.02	5.21	5.44	5.49	5.35	5.36	5.48	5.19	5.34	5.09	5.20
1973	4.90	4.90	5.23	5.16	5.32	5.30	5.32	5.34	5.44	5.32	4.66	4.75	5.14
1974	5.09	4.89	4.70	4.85	5.25	5.40	5.23	5.31	5.37	4.87	4.88	5.02	5.07
1975	4.72	4.91	4.82	4.59	5.24	5.33	5.40	5.25	5.44	5.40	5.34	5.03	5.12
1976													
1977	4.21	4.08	4.58	4.64	4.98	5.14	5.12	5.23	5.62	5.13	5.24	5.06	4.92
1978	4.71	4.96	4.92	5.23	5.41	5.20	5.41	5.44	5.68	5.42	5.42	4.77	5.21
1979	4.80	4.60	5.02	5.02	5.15	5.30	5.27	5.30	5.50	5.19	5.04	4.62	5.07
1980	4.80	4.52	4.54	5.21	5.25	5.06	5.10	5.26	5.29	5.03	4.70	4.46	4.94
1981	4.35	4.57	4.71	4.69	5.26	5.20	5.23	5.38	5.41	5.07	4.97	4.59	4.95
1982	4.42	4.81	4.86	4.63	5.18	5.65	5.26	5.26	5.41	5.52	5.03	5.02	5.09
1983	4.85	5.15	5.31	5.38	5.33	5.44	5.36	5.54	5.51	5.68	5.34	5.00	5.32
1984	4.88	5.00	5.07	5.74	5.17	5.38	5.27	5.50	5.39	5.61	5.11	4.96	5.26
1985	4.59	4.72	4.78	5.07	5.33	5.26	5.39	5.42	5.21	5.29	5.55	4.81	5.12
1986	4.45	5.03	4.75	5.43	5.37	5.22	5.34	5.43	5.37	5.35	5.10	5.02	5.16

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "0".

RUN DATE 08/19/87

STATION NO. 8577330

SOLOMONS ISLAND,MD 38 19.0N 76 27.2W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1937												3.64	
1938	3.83	3.66	3.77	3.77	3.97	3.94	3.96	4.05	4.03	4.11	3.85	3.61	3.88
1939	3.52	3.58	3.81	3.81	4.01	4.09	4.07	4.07	4.29	3.96	3.75	3.41	3.86
1940	3.28	3.77	3.67	3.83	4.18	4.08	3.95	4.36	4.16	4.06	3.70	3.75	3.90
1941	3.76	3.29	3.35	3.95	3.78	4.10	4.10	4.01	4.07	3.89	3.71	3.57	3.80
1942	3.51	3.38	3.77	3.84	3.99	4.21	4.10	4.20	4.36	4.40	3.88	3.56	3.93
1943	3.60	3.47	3.60	3.73	3.89	4.07	4.09	4.15	4.14	4.18	3.76	3.32	3.83
1944	3.55	3.50	3.82	3.86	4.02	4.16	4.16	4.11	4.20	4.12	4.14	3.32	3.91
1945	3.49	3.53	3.85	3.95	4.18	4.19	4.28	4.28	4.52	4.21	4.22	4.18	4.07
1946	3.76	3.58	4.08	4.11	4.14	4.20	4.34	4.36	4.40	4.37	4.11	3.64	4.09
1947	3.72	3.31	3.58	3.94	4.02	4.36	4.14	4.34	4.39	4.19	4.45	3.52	4.00
1948	3.52	3.79	3.95	3.95	4.19	4.34	4.22	4.15	4.38	4.40	4.22	4.06	4.10
1949	3.90	3.92	3.56	3.92	4.15	4.25	4.19	4.31	4.21	4.37	3.93	3.43	4.01
1950	3.53	3.72	3.31	3.75	3.99	3.88	3.96	4.21	4.46	4.34	4.14	3.94	3.94
1951	3.62	3.76	4.27	4.05	4.21	4.52	4.17	4.35	4.33	4.43	3.85	3.67	4.10
1952	3.77	3.92	4.03	4.04	4.28	4.15	4.09	4.16	4.43	3.97	4.16	4.14	4.10
1953	4.15	3.67	3.99	4.03	4.36	4.27	4.27	4.38	4.38	4.41	4.07	3.54	4.13
1954	3.69	3.82	3.72	3.97	4.32	4.28	4.23	4.14	4.32	4.26	3.96	3.52	4.02
1955	3.83	3.61	3.70	4.21	4.18	4.31	4.21	4.70	4.48	4.51	4.05	3.61	4.12
1956	3.95	3.71	3.97	4.13	4.18	4.31	4.32	4.52	4.58	4.68	4.15	3.94	4.20
1957	3.59	3.95	4.24	3.93	4.25	4.36	4.21	4.33	4.38	4.31	4.07	3.70	4.11
1958	3.91	3.55	4.34	4.48	4.27	4.34	4.20	4.40	4.40	4.62	4.18	3.84	4.21
1959	3.55	3.54	3.78	4.23	3.96	4.16	4.14	4.41	4.43	4.54	4.04	3.95	4.06
1960	3.93	3.93	3.82	4.13	4.53	4.50	4.37	4.57	4.67	4.42	4.10	3.58	4.21
1961	3.70	4.17	4.41	4.33	4.26	4.27	4.28	4.32	4.48	4.46	4.16	3.87	4.23
1962	3.67	4.05	4.55	3.92	4.40	4.37	4.34	4.49	4.45	4.40	4.40	3.85	4.24
1963	3.73	3.50	3.99	4.04	4.05	4.29	4.20	4.17	4.48	4.18	4.13	3.51	4.02
1964	3.72	3.64	3.97	3.90	4.13	4.12	4.21	4.36	4.55	4.32	4.15	3.82	4.07
1965	3.88	3.87	3.94	4.21	4.16	4.26	4.33	4.21	4.44	4.25	4.11	3.96	4.14
1966	3.78	3.80	4.08	4.26	4.27	4.23	4.34	4.28	4.65	4.13	4.19	3.87	4.16
1967	3.82	3.73	3.93	4.19	4.29	4.32	4.37	4.41	4.57	4.38	4.13	4.25	4.20
1968	3.86	3.85	3.88	4.23	4.38	4.50	4.38	4.40	4.55	4.25	4.24	3.64	4.18
1969	3.72	3.91	4.04	4.04	4.21	4.57	4.60	4.44	4.65	4.53	4.40	3.92	4.25
1970	3.73	3.77	4.02	4.32	4.13								
1971	3.87	4.08	3.99	4.28	4.45	4.58	4.40	4.40	4.71	4.98	4.70	4.06	4.38
1972	3.99	3.94	4.25	4.46	4.66	4.63	4.56	4.61	4.80	4.53	4.72	4.34	4.46
1973	4.22			4.38	4.62							3.98	
1974	4.32	4.18	4.01	4.07	4.48	4.66	4.51	4.52	4.60	4.13	4.18	4.25	4.33
1975	4.00	4.21	4.20	3.87	4.55	4.50	4.52	4.47	4.73	4.72	4.51	4.28	4.38
1976	3.94					4.43	4.36	4.53		4.44	3.80		
1977	3.34	3.46	3.89	3.95	4.16	4.33	4.28	4.38	4.81	4.44	4.45	4.27	4.15
1978	3.92	4.18	4.15	4.45	4.59	4.30	4.58	4.59	4.86	4.51	4.53	3.85	4.38
1979	3.99	4.11	4.16	4.28	4.35	4.50	4.48	4.54	4.72	4.42	4.26	3.90	4.31
1980	4.12	3.87	3.84	4.41	4.46	4.23	4.26	4.47	4.44	4.24	3.92	3.72	4.16

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8577330

SOLOMONS ISLAND,MD 38 19.0N 76 27.2W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1981	3.58	3.75	3.97	3.85	4.47	4.36	4.40	4.57	4.60	4.30	4.24	3.85	4.16
1982	3.66	4.08	4.12	3.84	4.35	4.83	4.40	4.44	4.61	4.77	4.21	4.21	4.29
1983	4.15	4.48	4.65	4.59	4.47	4.63	4.58	4.73	4.75	4.90	4.53	4.21	4.56
1984	4.18	4.22					4.47	4.74	4.66	4.84	4.41	4.20	
1985	3.90	4.00	4.05	4.32	4.55	4.50	4.57	4.66	4.59	4.69	4.97	4.18	4.42
1986	3.77	4.37	4.01	4.73	4.63	4.44	4.60	4.69	4.61	4.68	4.43	4.33	4.44

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8594900

WASHINGTON,DC 38 52.5N 77 01.4W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1931	4.95	4.95	5.35	5.35	5.51	5.56	5.68	5.62	5.57	5.48	5.16	4.89	5.34
1932	5.38	5.31	4.87	5.27	5.62	5.59	5.40	5.58	5.77	5.47	5.70	5.29	5.44
1933	5.35	4.92	5.12	6.02	5.84	5.65	5.89	6.12	5.95	5.71	5.06	5.02	5.55
1934	4.99	4.60	5.07	5.55	5.38	5.66	5.62	5.55	5.97	5.47	5.12	5.11	5.34
1935	5.12	5.17	5.30	5.71	5.51	5.69	5.59	5.78	5.83	5.50	5.69	4.97	5.49
1936	5.28	5.76	6.76	5.53	5.38	5.66	5.73	5.60	5.68	5.72	4.99	5.24	5.61
1937	5.85	5.60	5.02	6.24	5.78	5.70	5.78	5.73	5.76	6.03	5.56	5.31	5.70
1938	5.49	5.29	5.48	5.48	5.65	5.62	5.61	5.52	5.65	5.77	5.46	5.30	5.53
1939	5.19	5.62	5.62	5.58	5.79	5.82	5.77	5.78	5.94	5.57	5.35	4.96	5.58
1940	4.92	5.47	5.41	5.78	5.95	5.98	5.64	6.09	5.82	5.70	5.39	5.48	5.64
1941	5.40	4.83	4.94	5.78	5.36	5.81	5.80	5.60	5.66	5.48	5.28	5.12	5.42
1942	5.12	4.80	5.51	5.62	5.91	5.92	5.73	6.01	5.98	6.83	5.51	5.33	5.69
1943	5.44	5.38	5.46	5.49	5.65	5.76	5.71	5.78	5.68	5.73	5.30	4.83	5.52
1944	5.14	5.09	5.65	5.60	5.85	5.75	5.81	5.68	5.76	5.66	5.57	4.95	5.54
1945	5.08	5.25	5.66	5.62	5.87	5.78	5.95	5.93	6.38	5.78	5.77	5.80	5.74
1946	5.52	5.28	5.86	5.75	5.93	5.94	5.93	5.94	5.97	5.89	5.58	5.15	5.73
1947	5.37	4.75	5.20	5.61	5.68	6.01	5.78	5.96	5.97	5.77	6.05	5.08	5.60
1948	5.05	5.54	5.78	5.76	5.95	5.98	5.87	5.79	6.02	6.00	5.94	5.91	5.80
1949	5.81	5.70	5.18	5.60	5.83	6.03	5.99	5.96	5.77	5.94	5.47	5.05	5.69
1950	5.18	5.45	4.94	5.33	5.76	5.56	5.56	5.77	6.09	5.96	5.79	5.67	5.59
1951	5.29	5.54	5.96	5.87	5.86	6.30	5.79	5.91	5.92	5.96	5.32	5.25	5.75
1952	5.49	5.56	5.75	5.94	6.13	5.77	5.73	5.82	6.05	5.52	5.87	5.79	5.78
1953	5.97	5.41	5.83	5.73	6.10	5.98	5.88	5.98	5.99	5.92	5.62	5.13	5.80
1954	5.19	5.38	5.41	5.69	5.89	5.88	5.79	5.65	5.88	5.89	5.54	5.05	5.60
1955	5.35	5.28	5.56	5.90	5.84	5.98	5.87	6.61	6.12	6.12	5.47	5.05	5.76
1956	5.27	5.47	5.69	5.89	5.87	5.92	5.99	6.14	6.16	6.27	5.78	5.60	5.84
1957	5.20	5.73	5.91	5.66	5.89	6.02	5.77	5.86	5.99	5.79	5.67	5.36	5.74
1958	5.51	5.01	6.11	6.35	6.13	5.97	5.85	5.98	5.96	6.12	5.75	5.35	5.84
1959	5.08	5.08	5.37	5.92	5.64	5.72	5.78	6.06	6.13	6.16	5.60	5.55	5.67
1960	5.52	5.58	5.38	6.08	6.36	6.21	5.94	6.17	6.28	5.96	5.66	4.99	5.84
1961	5.17	6.05	6.12	6.12	5.95	5.86	5.77	5.85	6.01	5.93	5.67	5.42	5.83
1962	5.29	5.68	6.52	5.64	6.05	5.98	5.95	6.07	6.10	5.98	5.97	5.29	5.88
1963	5.25	4.96	6.01	5.53	5.62	5.85	5.78	5.70	6.04	5.71	5.62	5.06	5.59
1964	5.40	5.23	5.79	5.69	5.83	5.73	5.81	6.09	6.10	5.88	5.72	5.38	5.72
1965	5.51	5.58	5.78	5.93	5.92	5.94	5.95	5.84	6.03	5.78	5.59	5.49	5.78
1966	5.12	5.48	5.72	5.85	6.01	5.78	5.87	5.88	6.14	5.71	5.79	5.41	5.73
1967	5.45	5.25	5.91	5.73	6.27	6.06	6.00	6.10	6.08	5.96	5.51	5.87	5.85
1968	5.39	5.36	5.55	5.84	6.05	6.14	5.95	5.94	6.12	5.78	5.73	4.96	5.73
1969	5.15	5.27	5.62	5.70	5.92	6.19	6.19	6.04	6.22	6.03	5.88	5.28	5.79
1970	5.43	5.58	5.80	6.34	5.89	6.10	6.04	6.19	6.03	6.25	6.33	5.86	5.99
1971	5.50	6.04	5.64	5.83	6.13	6.26	5.98	5.99	6.32	6.67	6.01	5.73	6.01
1972	5.61	5.64	6.04	6.26	6.46	6.99	6.33	6.23	6.31	6.13	6.33	6.27	6.22
1973	5.87	5.95	6.21	6.37	6.33	6.17	6.11	6.19	6.27	6.24	5.48	5.77	6.08
1974	6.17	5.72	5.59	5.77	6.11	6.36	6.09	6.12	6.16	5.59	5.59	5.90	5.93

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8594900

WASHINGTON,DC 38 52.5N 77 01.4W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1975	5.56	5.86	5.95	5.34	6.26	6.16	6.22	6.01	6.60	6.35	6.11	5.75	6.01
1976	5.70	5.50	5.81	5.65	5.77	6.09	5.87	5.98	6.06	6.39	5.38	5.13	5.78
1977	4.87	4.94	5.57	5.72	5.69	5.84	5.82	5.89	6.28	5.81	6.05	5.94	5.70
1978	5.66	5.70	6.22	6.12	6.50	5.89	6.17	6.24	6.39	6.00	6.07	5.42	6.03
1979	5.79	5.88	6.28	6.03	6.06	6.16	6.03	6.09	6.51	6.31	5.94	5.42	6.04
1980	5.75	5.31	5.51	6.32	6.23	5.79	5.83	5.98				5.17	
1981			5.42	5.50	6.06	6.01	5.94	6.07	6.08	5.74	5.65	5.17	
1982	5.21	5.85	5.91	5.36	5.99	6.59	5.99	5.97	6.14	6.26	5.72	5.79	5.90
1983	5.56	6.04	6.30	6.57	6.33	6.21	6.05	6.22	6.20	6.44	6.06	5.92	6.16
1984	5.71	6.23	6.22	7.06	6.12	6.11	6.02	6.31	6.15	6.36	5.84	5.79	6.16
1985	5.23	5.66	5.58	5.91	6.14	6.04	6.13	6.17	6.00	6.20	7.08	5.76	5.99
1986	5.16	6.05	5.72	6.28	6.19	5.92	6.05	6.15	6.04	6.09	5.86	5.85	5.95

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8632200

KIPTOPEKE, VA 37 10.0N 75 59.3W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1951									4.79	5.15	4.57	4.23	
1952	4.36	4.50	4.59	4.49	4.73	4.65	4.48	4.55	4.90	4.65	4.74	4.80	4.62
1953	4.70	4.23	4.54	4.50	4.75	4.61	4.70	4.87	4.83	4.97	4.78	4.10	4.63
1954	4.39	4.37	4.22	4.33	4.82	4.70	4.63	4.59	4.75	4.80	4.53	4.20	4.53
1955	4.54	4.22	4.18	4.65	4.53	4.75	4.51	5.00	4.95	4.94	4.65	4.21	4.59
1956	4.90	4.22	4.49	4.61	4.51	4.68	4.60	4.93	5.16	5.29	4.73	4.38	4.71
1957	4.17	4.66	4.92	4.38	4.69	4.72	4.68	4.85	4.88	4.98	4.63	4.25	4.65
1958	4.57	4.37	4.99	4.84	4.60	4.67	4.51	4.89	4.88	5.27	4.81	4.54	4.74
1959	4.18	4.12	4.43	4.59	4.32	4.61	4.51	4.80	4.91	5.07	4.72	4.60	4.57
1960	4.56	4.56	4.59	4.60	4.91	4.92	4.86	5.11	5.23	5.12	4.72	4.40	4.80
1961	4.34	4.63	4.93	4.85	4.73	4.54	4.61	4.69	5.10	5.02	4.82	4.49	4.73
1962	4.20	4.64	5.17	4.32	4.71	4.72	4.75	4.90	4.96	4.97	5.23	4.61	4.76
1963	4.36	4.14	4.47	4.55	4.45	4.68	4.67	4.63	5.09	4.89	4.74	4.33	4.58
1964	4.39	4.36	4.46	4.33	4.66	4.59	4.58	4.79	5.18	5.03	4.80	4.49	4.64
1965	4.62	4.48	4.59	4.79	4.61	4.72	4.64	4.49	4.74	4.63	4.65	4.40	4.61
1966	4.64	4.47	4.54	4.61	4.62	4.62	4.70	4.76	5.08	4.76	4.65	4.52	4.66
1967	4.32	4.41	4.53	4.80	4.89	4.93	4.94	4.82	5.15	4.85	4.66	4.88	4.76
1968	4.49	4.49	4.41	4.60	4.85	4.86	4.78	4.84	5.01	4.80	4.85	4.24	4.68
1969	4.36	4.80	4.72	4.46	4.56	4.89	4.99	4.86	5.14	5.19	5.01	4.66	4.80
1970	4.52	4.47	4.64	4.87	4.74	4.81	4.71	5.03	4.86	5.21	5.24	4.94	4.84
1971	4.55	4.53	4.60	4.82	4.91	4.98	4.79	4.84	5.14	5.52	5.18	4.63	4.87
1972	4.55	4.55	4.81	4.92	5.22	4.97	4.95	5.06	5.39	5.21	5.28	4.91	4.98
1973	4.81	5.01	5.08	4.90	4.95	4.76	4.83	4.99	5.18	5.18	4.50	4.63	4.90
1974	4.81	4.79	4.52	4.50	4.89	5.15	4.96	4.94	5.15	4.75	4.73	4.76	4.83
1975	4.49	4.65	4.76	4.52	4.92	4.91	4.95	4.97	5.16	5.22	5.03	4.92	4.88
1976	4.57	4.30	4.53	4.61	4.50	4.67	4.75	4.92	4.90	4.97	4.34	4.12	4.60
1977	3.97	3.92	4.29	4.33	4.64	4.92	4.81	4.66	5.23	5.15	5.05	4.90	4.66
1978	4.45	5.02	4.79	5.03				4.98	5.34	5.14	5.27	4.51	
1979	4.65	4.89	4.62	4.83	4.74	4.91	4.93	5.05	5.16	4.96	4.84	4.58	4.85
1980	4.84	4.73	4.58	4.93	5.01	4.77	4.69	4.89	4.94	4.90	4.72	4.55	4.80
1981	4.35	4.33	4.73	4.39	4.99	4.87	4.91	5.09	5.20	5.01	5.07	4.64	4.80
1982	4.37	4.74	4.67	4.30	4.82	5.24	4.65	4.91	5.13	5.45	4.77	4.86	4.83
1983	4.91	5.27	5.33	5.09	4.84	5.03	5.06	5.15	5.33	5.49	5.09	4.86	5.12
1984	4.87	4.75	5.04	5.41	4.85	4.95	4.78	5.24	5.29	5.31	5.13	4.71	5.03
1985	4.66	4.60	4.63	4.76	5.01	4.92	4.96	5.09	5.18	5.23	5.48	4.81	4.94
1986	4.38	5.00	4.50	5.31	5.09	4.85	5.04	5.15	5.06	5.26	5.06	4.97	4.97

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8638610
HAMPTON RDS.(NORFOLK),VA 36 56.8N 76 19.9W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1927								5.08	5.03	4.97			
1928	4.02	4.37	4.55	4.51	4.95	4.71	4.65	4.90	5.31	4.84	4.44	4.52	4.65
1929	4.07	4.72	4.48	4.88	4.43	4.95	4.68	4.92	5.17	4.85	4.76	4.43	4.70
1930	4.67	4.57	4.35	4.55	4.59	4.48	4.68	4.94	4.85	5.29	4.60	4.70	4.69
1931	4.41	4.49	5.15	4.64	4.68	4.98	4.91	5.04	5.12	4.97	4.58	4.51	4.79
1932	4.79	4.79	4.42	4.69	4.75	4.74	4.72	4.77	5.27	4.91	5.39	4.79	4.84
1933	4.93	4.47	4.66	5.19	5.06	5.23	5.23	5.36	5.47	5.44	4.64	4.63	5.03
1934	4.56	4.50	4.65	4.88	4.84	4.84	4.79	4.82	5.30	5.20	4.72	4.57	4.81
1935	4.78	4.54	4.62	5.16	4.81	4.92	4.73	5.05	5.25	5.06	5.60	4.79	4.94
1936	4.55	4.81	4.88	4.69	4.72	4.94	5.00	4.81	5.22	5.11	4.63	4.76	4.84
1937	5.06	5.21	4.67	5.10	4.99	4.93	5.10	4.79	5.37	5.21	4.94	4.82	5.02
1938	4.87	4.91	4.83	4.96	5.13	5.02	4.71	4.90	5.11	5.56	5.04	4.85	4.99
1939	4.68	4.73	5.01	4.90	5.10	5.09	5.03	5.25	5.39	5.27	5.16	4.61	5.02
1940	4.77	5.08	4.90	4.98	5.32	5.18	5.07	5.49	5.46	5.42	4.94	4.91	5.13
1941	5.23	4.82	4.66	5.10	4.97	5.08	5.04	5.03	5.19	4.99	4.76	4.79	4.97
1942	4.71	4.72	4.82	4.96	4.94	5.28	5.11	5.22	5.54	5.61	5.10	4.73	5.06
1943	4.84	4.59	4.80	4.84	4.87	4.98	5.01	5.12	5.44	5.41	4.94	4.56	4.95
1944	4.82	4.72	5.05	5.01	4.93	5.21	4.99	4.98	5.33	5.48	5.54	4.56	5.05
1945	4.83	4.71	4.90	5.05	5.16	5.25	5.23	5.37	5.59	5.38	5.42	5.46	5.20
1946	4.98	4.73	5.14	5.17	5.18	5.13	5.30	5.45	5.60	5.53	5.34	4.80	5.20
1947	4.74	4.51	4.66	4.92	4.92	5.17	4.93	5.30	5.58	5.43	5.76	4.77	5.06
1948	4.90	5.13	5.08	5.07	5.20	5.30	5.13	5.15	5.54	5.75	5.33	5.38	5.25
1949	5.00	5.07	4.81	5.00	5.24	5.25	5.10	5.29	5.45	5.63	5.16	4.72	5.14
1950	4.59	5.01	4.49	4.90	5.05	4.89	4.83	5.21	5.66	5.50	5.09	5.12	5.03
1951	4.69	5.01	5.35	5.06	5.40	5.54	5.11	5.37	5.36	5.85	5.15	4.75	5.22
1952	4.99	5.16	5.27	5.10	5.29	5.22	5.01	5.07	5.51	5.26	5.29	5.38	5.21
1953	5.25	4.85	5.18	5.06	5.33	5.17	5.26	5.45	5.38	5.61	5.33	4.64	5.21
1954	5.01	4.90	4.84	4.97	5.45	5.33	5.20	5.15	5.26	5.32	5.08	4.75	5.10
1955	5.14	4.79	4.80	5.36	5.23	5.36	5.17	5.63	5.68	5.51	5.22	4.87	5.23
1956	5.46	4.81	5.04	5.19	5.09	5.26	5.16	5.45	5.75	6.04	5.31	4.93	5.29
1957	4.81	5.25	5.53	4.96	5.27	5.35	5.14	5.45	5.41	5.60	5.21	4.83	5.23
1958	5.21	4.84	5.69	5.60	5.32	5.32	5.01	5.35	5.44	5.93	5.31	5.12	5.34
1959	4.68	4.66	4.85	5.19	4.84	5.22	4.97	5.30	5.46	5.59	5.34	5.16	5.10
1960	5.15	5.08	5.23	5.27	5.58	5.50	5.32	5.64	5.72	5.65	5.21	4.87	5.35
1961	4.90	5.28	5.58	5.45	5.37	5.13	5.20	5.23	5.69	5.70	5.49	5.08	5.34
1962	4.78	5.35	5.86	4.90	5.38	5.36	5.36	5.53	5.54	5.56	5.89	5.09	5.38
1963	4.86	4.78	5.02	5.11	5.05	5.28	5.24	5.16	5.78	5.41	5.19	4.70	5.13
1964	4.77	4.93	5.10	4.99	5.25	5.17	5.13	5.33	5.89	5.60	5.27	5.08	5.21
1965	5.17	4.85	5.10	5.38	5.18	5.35	5.16	5.09	5.40	5.31	5.18	5.12	5.19
1966	5.12	4.96	5.13	5.27	5.35	5.27	5.37	5.27	5.71	5.39	5.29	5.10	5.27
1967	4.90	4.89	5.30	5.53	5.65	5.55	5.30	5.43	5.84	5.45	5.20	5.52	5.38
1968	5.27	5.16	5.04	5.27	5.49	5.54	5.39	5.61	5.67	5.34	5.37	4.80	5.33
1969	5.00	5.51	5.45	5.11	5.17	5.45	5.58	5.49	5.78	5.82	5.53	5.19	5.42
1970	5.06	5.04	5.22	5.44	5.41	5.50	5.37	5.61	5.36	5.88	5.81	5.37	5.42

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8638610
HAMPTON RDS.(NORFOLK),VA 36 56.8N 76 19.9W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1971	4.90	5.00	5.18	5.48	5.54	5.60	5.35	5.44	5.83	6.25	5.85	5.31	5.48
1972	5.22	5.28	5.52	5.58	5.88	5.63	5.62	5.70	6.07	5.99	6.00	5.59	5.67
1973	5.56	5.84	5.81	5.56	5.62	5.43	5.46	5.63	5.84	5.80	5.05	5.30	5.58
1974	5.55	5.53	5.19	5.15	5.57	5.84	5.54	5.51	5.82	5.41	5.29	5.37	5.48
1975	5.15	5.30	5.48	5.19	5.64	5.62	5.56	5.59	5.86	5.96	5.71	5.56	5.55
1976	5.19	4.89	5.20	5.33	5.21	5.37	5.39	5.61	5.58	5.72	5.05	4.80	5.28
1977	4.63	4.61	4.98	4.99	5.28	5.51	5.30	5.22	5.80	5.68	5.66	5.53	5.27
1978	5.10	5.73	5.53	5.78	5.76	5.39	5.63	5.59	6.03	5.76	5.92	5.05	5.61
1979	5.30	5.53	5.38	5.55	5.43	5.64	5.58	5.66	5.93	5.60	5.54	5.23	5.53
1980	5.56	5.43	5.28	5.57	5.65	5.39	5.28	5.48	5.53	5.45	5.27	5.13	5.42
1981	4.95	4.95	5.34	4.92	5.63	5.46	5.50	5.73	5.78	5.64	5.70	5.22	5.40
1982	4.95	5.45	5.40	5.02	5.50	5.91	5.48	5.55	5.79	6.19	5.48	5.58	5.52
1983	5.66	6.02	6.09	5.78	5.50	5.68	5.69	5.74	5.97	6.19	5.67	5.56	5.80
1984	5.64	5.42	5.74	6.17	5.55	5.60	5.39	5.89	6.00	6.10	5.78	5.34	5.72
1985	5.27	5.26	5.29	5.37	5.63	5.52	5.54	5.72	5.84	5.93	6.22	5.43	5.59
1986	5.00	5.68	5.18	5.97	5.72	5.43	5.63	5.77	5.66	5.89	5.70	5.63	5.61

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8638660

PORTSMOUTH,VA 36 49.1N 76 17.6W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1935					7.03	7.14	6.98	7.30	7.47	7.27	7.82	7.04	
1936	6.82	7.11	7.12	6.93	6.94	7.15	7.24	7.05	7.45	7.41	6.86	7.05	7.09
1937	7.32	7.45	6.90	7.32	7.16	7.14	7.34	6.96	7.57	7.42	7.19	7.07	7.24
1938	7.10	7.15	7.05	7.12	7.29	7.18	6.90	7.10	7.34	7.76	7.23	7.00	7.18
1939	6.84	6.92	7.17	7.06	7.30	7.25	7.24	7.43	7.59	7.43	7.39	6.81	7.20
1940	6.93	7.27	7.10	7.09	7.44	7.30	7.19	7.66	7.66	7.61	7.11	7.10	7.29
1941	7.36	6.97	6.86	7.28	7.12	7.21	7.15	7.17	7.37	7.12	6.89	6.98	7.12
1942	6.90	6.92	7.04	7.17	7.12	7.44	7.25	7.38	7.71	7.76	7.28	6.92	7.24
1943	7.03	6.74	7.00	7.02	7.03	7.11	7.16	7.29	7.60	7.59	7.11	6.73	7.12
1944	7.01	6.95	7.26	7.18	7.08	7.40	7.15	7.15	7.51	7.65	7.71	6.72	7.23
1945	6.98	6.88	7.01	7.16	7.26	7.36	7.35	7.49	7.72	7.52	7.56	7.70	7.33
1946	7.19	6.94	7.42	7.38	7.34	7.30	7.51	7.61	7.78	7.74	7.54	7.00	7.40
1947	6.99	6.75	6.89	7.13	7.15	7.39	7.15	7.48	7.78	7.60	7.96	7.01	7.27
1948	7.14	7.39	7.26	7.25	7.38	7.53	7.30	7.32	7.74	7.96	7.54	7.57	7.45
1949	7.21	7.25	7.04	7.18	7.44	7.39	7.23	7.49	7.59	7.78	7.27	6.85	7.31
1950	6.72	7.17	6.67	7.09	7.20	7.03	7.00	7.35	7.78	7.65	7.22	7.29	7.18
1951	6.84	7.17	7.50	7.21	7.56	7.69	7.26	7.55	7.54	8.03	7.31	6.92	7.38
1952	7.17	7.32	7.44	7.27	7.46	7.36	7.16	7.23	7.63	7.36	7.40	7.55	7.36
1953	7.40	6.99	7.34	7.18	7.46	7.31	7.41	7.63	7.54	7.80	7.51	6.77	7.36
1954	7.17	7.08	6.99	7.12	7.59	7.52	7.36	7.30	7.42	7.46	7.21	6.80	7.25
1955	7.29	6.94	6.91	7.50	7.34	7.50	7.32	7.77	7.87	7.68	7.38	7.03	7.38
1956	7.68	7.01	7.21	7.38	7.28	7.43	7.30	7.61	7.95	8.24	7.51	7.08	7.47
1957	6.98	7.43	7.69	7.06	7.42	7.47	7.27	7.58	7.57	7.82	7.37	7.01	7.39
1958	7.40	7.02	7.90	7.72	7.43	7.45	7.12	7.47	7.59	8.07	7.48	7.25	7.49
1959	6.88	6.81	7.07	7.39	7.01	7.37	7.19	7.47	7.63	7.70	7.44	7.28	7.27
1960	7.31	7.26	7.38	7.38	7.72	7.60	7.48	7.70	7.98	7.83	7.36	7.06	7.50
1961	7.11	7.50	7.72	7.62	7.46	7.23	7.34	7.39	7.82	7.84	7.66	7.26	7.50
1962	6.97	7.52	8.04	7.03	7.56	7.53	7.50	7.68	7.69	7.70	8.02	7.30	7.54
1963	7.11	7.02	7.19	7.27	7.23	7.46	7.37	7.33	7.93	7.67	7.41	6.97	7.33
1964	7.01	7.10	7.22	7.11	7.46	7.30	7.28	7.49	8.07	7.88	7.55	7.17	7.39
1965	7.37	7.22	7.33	7.54	7.43	7.54	7.45	7.39	7.59	7.57	7.39	7.27	7.42
1966	7.38	7.22	7.35	7.49	7.49	7.49	7.50	7.48	7.84	7.66	7.52	7.42	7.49
1967	7.16	7.16	7.44	7.60	7.72	7.55	7.44	7.57	8.04	7.71	7.38	7.69	7.54
1968	7.38	7.28	7.14	7.44	7.63	7.59	7.51	7.58	7.76	7.54	7.59	6.94	7.45
1969	7.20	7.70	7.61	7.22	7.29	7.63	7.71	7.64	7.97	8.06	7.79	7.46	7.61
1970	7.35	7.36	7.52	7.74	7.57	7.57	7.50	7.81	7.60	8.06	7.98	7.69	7.65
1971	7.22	7.16	7.30	7.66	7.72	7.83	7.52	7.62	7.99	8.45	7.97	7.39	7.65
1972	7.37	7.37	7.58	7.73	7.96	7.58	7.59	7.69	8.26	8.10	8.10	7.75	7.76
1973	7.65	7.93	7.94	7.68	7.74	7.53	7.63	7.78	7.96	7.98	7.21	7.44	7.71
1974	7.73	7.71	7.40	7.34	7.73	8.01	7.74	7.69	8.01	7.59	7.51	7.54	7.67
1975	7.34	7.53	7.66	7.39	7.77	7.77	7.70	7.75	8.00	8.11	7.86	7.77	7.72
1976	7.37	7.05	7.34	7.50	7.36	7.51	7.54	7.71	7.74	7.85	7.20	6.94	7.43
1977	6.81	6.80	7.15	7.13	7.48	7.62	7.48	7.40	8.01	7.80	7.82	7.68	7.43
1978	7.20	7.90	7.68	7.93	7.89	7.56	7.79	7.73	8.18	7.92	8.08	7.21	7.76

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8638660

PORTSMOUTH,VA 36 49.1N 76 17.6W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1979	7.43	7.70	7.50	7.70	7.59	7.78	7.74	7.82	8.05	7.72	7.68	7.43	7.68
1980	7.77	7.60	7.39	7.60	7.71	7.50	7.42	7.62	7.69	7.62	7.45	7.29	7.56
1981	7.13	7.08	7.47	7.06	7.78	7.63	7.67	7.91	7.96	7.83	7.88	7.43	7.57
1982	7.20	7.69	7.60	7.19	7.68	8.05	7.64	7.71	7.96	8.38	7.65	7.73	7.71
1983	7.81	8.22	8.29	7.94	7.66	7.85	7.86	7.93	8.16	8.36	7.83	7.72	7.97
1984								8.03	8.17	8.26	7.95	7.52	
1985	7.42	7.41	7.46	7.53	7.80	7.66	7.68	7.86	7.99	8.07	8.33	7.56	7.73
1986	7.12	7.81	7.28	8.09	7.84	7.55	7.75	7.89	7.78	8.02	7.81	7.76	7.73

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8658120

WILMINGTON,NC 34 13.6N 77 57.2W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1935					4.29	4.35	4.30	4.22	4.84	4.38	4.65	4.14	
1936	4.68	4.67	4.65	4.87	4.18	4.67	4.42	4.46	4.51	4.84	4.27	4.66	4.57
1937	4.66	5.05	4.41	4.77	4.64	4.42	4.38	4.57	4.71	4.54	4.22	4.16	4.54
1938	4.29	4.05	4.23	4.43	4.51	4.57	4.48	4.52	4.70	4.87	4.66	4.41	4.48
1939	4.32	4.70	4.99	4.39	4.61	4.45	4.59	4.67	4.87	4.49	4.22	3.98	4.52
1940	3.92	4.34	4.33	4.29	4.50	4.48	4.18	4.79	4.61	4.55	4.36	4.09	4.37
1941	4.19	4.09	4.07	4.36	4.11	4.38	4.50	4.21	4.30	4.28	4.22	3.95	4.22
1942	3.98	4.30	4.43	4.33	4.52	4.48	4.40	4.71	4.76	5.10	4.37	4.20	4.46
1943	4.36	4.24	4.35	4.69	4.54	4.67	5.00	4.59	4.62	4.79	4.35	4.15	4.53
1944	4.47	4.60	4.92	4.90	4.55	4.55	4.74	4.69	4.54	4.96	4.55	4.19	4.64
1945	4.27	4.14	4.23	4.30	4.40	4.50	4.89	4.91	5.69	5.07	4.59	4.96	4.66
1946	4.76	4.65	4.45	4.61	4.79	4.57	4.89	4.87	4.92	5.31	4.95	4.42	4.77
1947	4.61	4.21	4.26	4.41	4.38	4.64	4.58	4.51	5.13	5.05	5.62	4.89	4.69
1948	4.66	5.36	5.07	4.78	4.78	4.90	4.62	4.54	4.89	5.10	5.08	5.03	4.90
1949	4.45	4.61	4.39	4.48	4.89	4.76	4.85	4.81	5.12	4.97	4.70	4.16	4.68
1950	4.02	4.32	4.35	4.47	4.65	4.43	4.76	4.67	4.73	4.69	4.32	4.21	4.47
1951	4.07	4.10	4.49	4.54	4.47	4.62	4.29	4.51	4.52	4.80	4.57	4.40	4.45
1952	4.36	4.71	4.97	4.54	4.76	4.32	4.31	4.51	4.92	4.59	4.53	4.60	4.59
1953	4.54	4.40	4.63	4.50	4.48	4.53	4.42	4.49	4.70	4.80	4.45	4.35	4.52
1954	4.41	4.53	4.29	4.67	4.67	4.68	4.56	4.26	4.44	4.64	4.42	4.15	4.48
1955	4.36	4.30	4.30	4.60	4.69	4.68	4.69	5.18	5.54	5.20	4.54	4.12	4.68
1956	4.39	4.46	4.43	4.55	4.58	4.48	4.34	4.61	4.70	5.05	4.74	4.28	4.55
1957	4.07	4.56	4.97	4.37	4.62	4.81	4.69	4.79	4.93	5.03	4.91	4.82	4.71
1958	4.70	4.29	4.71	4.96	4.78	4.58	4.41	4.40	4.56	5.08	4.55	4.38	4.62
1959	4.36	4.20	4.50	4.74	4.54	4.73	4.79	4.66	4.80	5.07	4.93	4.56	4.66
1960	4.77	5.02	4.69			4.82							
1961	4.14	4.46	4.84	4.95	4.60	4.60	4.75	4.53	4.75	4.69	4.62	4.29	4.60
1962	4.13	4.55	5.07	4.49	4.59			4.65	4.85	4.84			
1963	4.74	4.53	4.43	4.36	4.40	4.37	4.41	4.45	4.86	4.61	4.69	4.33	4.52
1964	4.47	4.49	4.47	4.47	4.58	4.56	4.40	4.59	5.19	5.28	4.61	4.39	4.62
1965	4.35	4.51	4.59	4.51	4.36	4.59	4.90	4.68	4.75	4.63	4.51	4.16	4.54
1966	4.46	4.45	4.82	4.37	4.76	4.82	4.58	4.65	4.90	4.55	4.37	4.44	4.60
1967	4.44	4.44	4.20	4.52	4.69	4.66	4.49	4.79	5.05	4.80	4.64	4.60	4.61
1968	4.32	4.46	4.32	4.29	4.35	4.52	4.56	4.66	4.72	4.70	4.48	4.15	4.46
1969	4.05	4.67	4.72	4.43	4.51	4.85	4.72	5.04	4.90	4.94	4.87	4.58	4.69
1970	4.36	4.47	4.66	4.78	4.58	4.71	4.62	4.89	4.73	4.98	4.90	4.74	4.70
1971	4.52	4.48	4.75	4.61	4.75	4.80	4.49	4.64	5.00	5.36	5.15	4.70	4.77
1972	4.58	4.76	4.64	4.75	5.01	4.97	4.76	4.85	5.00	5.00	5.26	5.01	4.88
1973	4.99	5.37	5.26	5.34	4.94	4.72	4.81	4.95	5.03	5.19	4.72	4.51	4.99
1974	4.54	5.11	4.52	4.78	5.00	5.07	4.85	5.34	5.20	4.90	4.64	4.67	4.88
1975	4.68	5.10	4.98	4.82	5.02	5.09	5.22	5.14	5.02	5.16	4.79	4.76	4.98
1976	4.43	4.26	4.45	4.53	4.66	4.99	4.80	4.80	4.76	4.65	4.38	4.63	4.61
1977	4.24	4.09	4.85	4.59	4.72	4.99	4.55	4.75	5.01	4.75	5.19	4.77	4.71
1978	4.67	4.78	4.77	4.83	5.14	4.68	4.79	4.75	4.99	4.85	4.94	4.50	4.81

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8658120

WILMINGTON,NC 34 13.6N 77 57.2W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1979	4.50	4.40	4.89	4.73	4.67	4.78	4.71	4.64	5.27	4.87	4.68	4.60	4.73
1980	4.90	4.71	4.71	4.90	4.86	4.76	4.55	4.40	4.62	4.57	4.39	4.25	4.64
1981	4.27	4.23	4.41	4.36	4.71	4.49	4.75	5.05	4.92	4.58	4.84	4.30	4.58
1982	4.38	4.51	4.73	4.28	4.60	5.25	4.72	4.66	4.70	4.98	4.88	4.91	4.72
1983	4.95	5.22	5.59	5.21	4.68	4.87	4.84	4.61	4.91	4.97	4.78	4.57	4.93
1984				5.33	4.67	4.77	4.73	4.89	5.15	5.28	5.00	4.65	
1985	4.61	4.75	4.51	4.41	4.86	4.71	4.84	5.21	5.05	5.24		4.58	
1986	4.32	4.63	4.36	4.96	4.95	5.05	4.88	4.85	4.86	4.80	4.88		

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8665530

CHARLESTON.SC 32 46.9N 79 55.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1921										5.47	5.16	5.01	
1922	4.60	4.88	4.83	4.81	5.08	5.01	4.83	4.96	5.57	5.35	5.11	4.67	4.98
1923	4.72	4.81	4.57	4.91	5.19	4.90	4.78	4.65	5.09	5.42	5.22	4.64	4.91
1924	4.46	4.85	4.77	4.79	4.76	4.82	4.99	5.14	5.61	5.63	5.18	4.77	4.98
1925	5.05	4.94	4.88	5.05	5.06	5.03	5.04	5.40	5.35	5.02	5.19	4.59	5.05
1926	4.37	4.31	4.44	4.67	4.89	5.00	4.89	5.06	5.53	5.25	4.82	4.75	4.83
1927	4.50	4.57	4.88	4.97	4.84	5.06	4.77	5.01	5.11	5.17	4.97	4.94	4.90
1928	4.17	4.54	4.72	4.72	5.12	4.77	4.86	5.09	5.32	5.46	5.13	5.15	4.92
1929	4.46	5.01	4.62	4.86	4.77	5.31	4.95	5.00	5.39	5.18	5.14	4.61	4.94
1930	5.11	4.95	4.60	4.94	4.69	4.89	4.69	4.98	4.87	5.40	4.95	4.79	4.90
1931	4.49	4.91	5.09	4.62	4.58	4.72	4.74	4.56	5.02	5.25	4.86	4.90	4.81
1932	4.70	4.81	4.52	4.66	4.89	4.98	4.66	5.04	5.64	5.27	5.41	5.12	4.98
1933	5.02	4.80	4.78	5.21	4.99	5.16	5.08	5.36	5.38	5.73	5.16	4.78	5.12
1934	4.62	4.69	4.63	4.84	5.03	4.75	4.75	4.72	5.25	5.68	5.08	4.90	4.91
1935	5.13	4.78	4.79	5.10	5.05	5.02	4.83	5.07	5.39	5.49	5.64	4.86	5.10
1936	4.60	4.86	4.65	4.92	5.27	5.38	4.86	5.13	5.54	5.67	5.02	5.24	5.10
1937	5.04	5.18	4.93	5.00	5.24	5.04	4.88	5.18	5.62	5.57	5.15	4.93	5.15
1938	4.82	4.91	4.89	4.69	5.08	5.09	4.96	4.91	5.36	5.80	5.60	5.11	5.10
1939	4.76	4.66	4.92	4.82	5.20	5.07	5.12	5.00	5.68	5.46	5.20	4.73	5.05
1940	4.55	4.59	4.84	4.70	5.04	4.85	4.97	5.62	5.69	5.65	5.18	4.97	5.05
1941	5.09	4.92	4.61	4.92	4.83	5.12	4.83	4.96	5.40	5.38	5.24	4.86	5.01
1942	4.81	5.09	4.58	5.05	5.22	5.23	5.01	5.17	5.49	5.90	5.33	4.88	5.15
1943	4.79	4.65	5.02	5.15	5.32	5.27	5.11	5.39	5.79	5.87	5.30	5.04	5.22
1944	5.09	4.98	5.18	5.24	5.43	5.55	5.53	5.38	5.56	5.78	5.48	4.90	5.34
1945	4.91	4.65	4.79	5.21	5.13	5.15	5.25	5.26	5.64	5.96	5.43	5.36	5.23
1946	5.00	4.79	5.18	5.30	5.29	5.17	5.20	5.20	5.80	6.07	5.85	5.30	5.35
1947	5.12	4.77	4.84	5.00	5.12	5.56	5.26	5.32	5.92	5.95	6.12	5.68	5.39
1948	5.35	5.50	5.56	5.58	5.62	5.58	5.27	5.48	6.15	6.14	5.77	5.38	5.62
1949	5.00	5.20	5.05	5.19	5.56	5.66	5.46	5.43	5.91	6.18	5.32	5.31	5.44
1950	4.87	5.10	5.06	5.23	5.41	5.24	4.83	5.49	5.76	5.81	5.05	5.13	5.25
1951	4.94	4.96	5.21	5.16	5.31	5.41	5.01	5.28	5.59	6.12	5.53	5.18	5.31
1952	5.04	5.22	5.26	5.12	5.37	5.07	5.18	5.32	5.86	5.79	5.32	5.36	5.33
1953	4.87	4.74	5.05	5.11	5.02	5.42	5.28	5.51	5.86	5.91	5.51	5.13	5.28
1954	5.02	5.20	4.89	5.37	5.56	5.62	5.35	5.19	5.49	5.53	5.32	4.83	5.28
1955	5.18	5.04	4.90	5.30	5.59	5.58	5.33	5.69	5.80	5.97	5.28	5.12	5.40
1956	5.22	4.92	4.89	5.05	5.39	5.26	4.80	5.34	5.63	5.95	5.42	4.70	5.21
1957	4.80	5.28	5.49	5.08	5.50	5.40	5.54	5.78	5.75	6.01	5.73	5.22	5.46
1958	5.20	4.59	5.25	5.44	5.27	5.36	5.03	5.21	5.59	6.02	5.39	5.29	5.30
1959	4.97	4.99	5.00	5.06	5.23	5.50	5.38	5.21	5.79	5.85	5.74	5.34	5.34
1960	5.39	5.15	5.15	5.15	5.44	5.61	5.58	5.56	6.08	6.00	5.38	5.15	5.47
1961	4.95	4.93	5.27	5.07	5.45	5.14	5.14	5.37	5.79	5.82	5.79	5.18	5.32
1962	4.76	5.38	5.72	5.02	5.63	5.68	5.57	5.63	5.91	5.90	5.58	5.31	5.51
1963	5.30	5.10	4.74	5.02	5.35	5.22	5.08	5.29	6.01	5.88	5.32	4.58	5.24
1964	4.73	4.68	4.86	4.97	5.48	5.37	4.99	5.40	6.01	5.92	5.50	5.13	5.25

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8665530

CHARLESTON,SC 32 46.9N 79 55.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1965	4.99	5.06	4.99	5.31	5.03	5.09	5.20	5.11	5.84	5.73	5.63	5.27	5.27
1966	5.30	5.00	5.20	5.11	5.53	5.59	5.32	5.26	5.61	5.58	5.35	5.36	5.35
1967	5.09	4.94	4.96	5.28	5.41	5.77	5.02	5.38	6.04	5.65	5.47	5.41	5.37
1968	5.31	5.42	4.78	5.22	5.21	5.37	5.21	5.48	5.84	5.85	5.26	4.98	5.33
1969	4.97	5.42	5.13	5.12	5.30	5.49	5.29	5.59	5.99	6.06	5.62	5.25	5.44
1970	5.05	4.89	5.16	5.37	5.40	5.59	5.30	5.37	5.75	6.30	5.68	5.63	5.46
1971	5.15	4.94	5.04	5.18	5.33	5.42	5.24	5.60	5.98	6.24	6.02	5.64	5.48
1972	5.40	5.27	5.34	5.46	5.94	5.74	5.23	5.66	5.84	6.03	6.06	5.53	5.62
1973	5.71	5.74	5.78	5.53	5.58	5.45	5.56	5.65	6.07	6.28	5.70	5.25	5.69
1974	5.25	5.50	5.22	5.30	5.70	5.78	5.63	5.76	5.98	5.99	5.59	5.31	5.58
1975	5.10	5.61	5.34	5.49	5.88	5.93	5.63	5.57	5.95	6.06	5.66	5.55	5.65
1976	4.93	4.72	5.19	5.37	5.57	5.78	5.42	5.64	5.72	5.69	5.36	5.31	5.39
1977	4.86	4.82	5.36	5.17	5.63	5.70	5.31	5.57	5.75	5.60	5.89	5.42	5.42
1978	4.86	5.43	5.34	5.41	5.42	5.47	5.42	5.45	6.01	5.96	5.96	5.22	5.50
1979	4.81	5.11	5.16	5.35	5.37	5.68	5.59	5.48	5.96	5.72	5.50	5.44	5.43
1980	5.64	5.48	5.29	5.43	5.67	5.61	5.34	5.24	5.65	5.63	5.47	5.36	5.48
1981	5.09	5.05	5.17	5.16	5.55	5.14	5.49	5.63	5.75	5.61	5.82	5.19	5.39
1982	4.89	5.14	5.45	5.22	5.38	5.70	5.38	5.48	5.77	6.03	5.95	5.72	5.51
1983	5.87	5.77	5.78	5.55	5.42	5.77	5.68	5.55	6.01	6.20	5.76	5.34	5.72
1984	5.58	5.13	5.49	5.68	5.40	5.61	5.24	5.49	5.98	6.24	6.07	5.65	5.63
1985	5.32	5.20	5.33	5.22	5.73	5.48			6.13	6.45	5.81	5.14	
1986	5.17	5.43	5.16	5.72	5.85	5.92	5.53	5.56	5.92	5.89	5.97	5.89	5.67

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8670870
FORT PULASKI(SAVANNAH), GA 32 02.0N 80 54.1W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1935	6.83	6.48	6.38	6.79	6.75	6.64	6.38	6.64	7.00	7.21	7.23	6.38	6.73
1936	6.27	6.51	6.18	6.69	7.03	7.14	6.42	6.77	7.14	7.32	6.65	6.90	6.75
1937	6.74	6.79	6.53	6.58	6.97	6.65	6.44	6.83	7.28	7.25	6.72	6.71	6.79
1938	6.47	6.57	6.55	6.51	6.74	6.66	6.57	6.76	6.99	7.34	7.18	6.60	6.74
1939	6.23	6.19	6.46	6.36	6.85	6.60	6.60	6.58	7.42	7.18	6.90	6.24	6.63
1940	6.08	6.09	6.42	6.30	6.67	6.48	6.61	7.27	7.44	7.26	6.84	6.62	6.67
1941	6.77	6.56	6.28	6.58	6.49	6.74	6.44	6.57	7.15	7.09	6.91	6.50	6.67
1942	6.42	6.68	6.20	6.67	6.78	6.71	6.54	6.82	7.14	7.48	6.91	6.43	6.73
1943	6.36	6.14	6.54	6.71	6.96	6.87	6.64	6.95	7.49	7.49	6.84	6.54	6.79
1944	6.72	6.50	6.74	6.83	7.11	7.11	7.09	6.90	7.16	7.36	7.08	6.44	6.92
1945	6.45	6.25	6.38	6.84	6.68	6.75	6.73	6.94	7.15	7.60	7.05	6.94	6.81
1946	6.68	6.31	6.82	6.88	6.93	6.71	6.72	6.70	7.49	7.76	7.56	6.94	6.96
1947	6.76	6.34	6.48	6.73	6.79	7.24	6.88	6.94	7.67	7.74	7.82	7.36	7.06
1948	6.90	7.11	7.20	7.29	7.16	7.10	6.82	7.01	7.84	7.77	7.30	7.01	7.21
1949	6.54	6.79	6.62	6.75	7.11	7.23	7.00	6.95	7.52	7.79	6.83	6.97	7.01
1950	6.48	6.71	6.64	6.77	6.99	6.82	6.33	7.08	7.43	7.52	6.61	6.73	6.84
1951	6.45	6.50	6.77	6.73	6.88	6.97	6.58	6.85	7.21	7.82	7.17	6.81	6.90
1952	6.61	6.78	6.79	6.69	6.91	6.59	6.76	6.86	7.48	7.46	6.87	6.87	6.89
1953	6.37	6.30	6.55	6.63	6.60	7.04	6.90	7.10	7.58	7.65	7.16	6.72	6.88
1954	6.57	6.73	6.44	6.98	7.16	7.26	6.93	6.82	7.20	7.17	6.95	6.42	6.89
1955	6.67	6.59	6.43	6.88	7.18	7.14	6.90	7.31	7.46	7.51	6.79	6.70	6.96
1956	6.77	6.46	6.39	6.58	6.99	6.85	6.33	6.90	7.26	7.65	7.03	6.23	6.79
1957	6.35	6.81	6.98	6.65	7.11	6.97	7.13	7.33	7.39	7.82	7.30	6.70	7.04
1958	6.75	5.96	6.81	6.98	6.80	6.92	6.59	6.77	7.26	7.69	7.02	6.88	6.87
1959	6.59	6.62	6.50	6.58	6.77	7.10	6.88	6.81	7.39	7.53	7.40	7.00	6.93
1960	6.98	6.72	6.79	6.81	7.00	7.18	7.13	7.14	7.73	7.55	6.99	6.72	7.06
1961	6.62	6.52	6.86	6.58	6.97	6.72	6.66	6.89	7.30	7.41	7.30	6.80	6.89
1962	6.28	6.75	7.19	6.52	7.15	7.26	7.07	7.16	7.49	7.47	7.16	6.85	7.03
1963	6.82	6.64	6.22	6.66	7.01	6.77	6.69	6.86	7.76	7.61	6.95	6.61	6.88
1964	6.31	6.24	6.53	6.70	7.19	6.97	6.57	7.03	7.80	7.59	7.17	6.79	6.91
1965	6.63	6.71	6.61	6.99	6.72	6.83	6.80	6.73	7.60	7.45	7.30	6.96	6.94
1966	6.95	6.63	6.77	6.81	7.28	7.34	6.99	6.93	7.25	7.34	7.09	7.00	7.03
1967	6.72	6.56	6.63	7.00	7.10	7.52	6.59	7.00	7.72	7.34	7.09	7.00	7.02
1968	6.94	6.94	6.33	6.86	6.79	7.02	6.82	7.10	7.56	7.54	6.85	6.56	6.94
1969	6.62	7.02	6.68	6.72	7.02	7.13	6.91	7.25	7.74	7.85	7.25	6.77	7.08
1970	6.58	6.43	6.73	6.95	7.01	7.20	6.85	6.99	7.29	7.83	7.10	7.09	7.00
1971	6.59	6.34	6.60	6.78	6.92	7.01	6.81	7.18	7.61	7.87	7.68	7.30	7.06
1972	7.02	6.88	6.97	7.10	7.60	7.29	6.85	7.28	7.54	7.71	7.59	6.97	7.23
1973	7.09	7.28	7.19	7.14	7.09	7.10	7.24	7.39	7.78	8.05	7.71	7.02	7.34
1974	6.75	7.06	6.88	6.81	7.14	7.22	7.21	7.27	7.57	7.59	7.12	6.84	7.12
1975	6.86	7.30	6.97	7.14	7.40	7.46	6.96	7.21	7.35	7.17	7.34	7.16	7.19
1976	6.55	6.38	6.80	7.06	7.22	7.36	6.93	7.25	7.22	7.21	6.73	6.94	6.97
1977	6.73			6.86	7.37	7.33					7.50		
1978	6.37	7.00	6.89	6.97	7.03	7.13	7.10	7.06	7.70	7.73	7.73	6.87	7.13

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8670870
FORT PULASKI(SAVANNAH), GA 32 02.0N 80 54.1W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1979	6.22	6.74	6.62	6.93	6.99	7.40	7.29	7.15	7.61	7.36	7.18	7.07	7.05
1980	7.20	7.08	6.91	7.09	7.32	7.25	6.96	6.91	7.38	7.29	7.18	7.01	7.13
1981	6.72	6.76	6.78	6.84	7.21	6.77	7.11	7.25	7.43	7.36	7.50	6.77	7.04
1982	6.42	6.73	7.05	6.87	7.04	7.28	7.03	7.14	7.46	7.77	7.64	7.34	7.15
1983	7.50	7.38	7.33	7.13	7.07	7.47	7.33	7.19	7.68	7.90	7.41	6.90	7.36
1984								7.06	7.66	7.88	7.73	7.26	
1985	6.85	6.76	6.94	6.88	7.34	7.05	7.19	7.62	7.83	8.16	7.43	6.79	7.24
1986	6.85	7.11	6.82	7.35	7.52	7.62	7.12	7.19	7.61	7.56	7.63	7.55	7.33

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "0".

RUN DATE 08/19/87

STATION NO. 8720030

FERNANDINA BEACH,FL 30 40.3N 81 28.0W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1897						4.45	4.03	4.20	5.03	5.52	4.53	4.35	
1898	3.94	4.25	4.44	4.23	4.29	4.14	4.10	4.17	4.98	5.31	4.78	3.93	4.38
1899	4.40	4.06	3.77	4.39	4.81	4.30	4.35	4.57	4.91	5.38	4.88	4.50	4.53
1900	4.12	3.85	4.03	4.34	4.42	4.32	3.95	4.21	4.49	5.14	4.45	4.46	4.32
1901	4.41	4.04	3.68	4.23	4.28	4.24	4.03	4.12	5.29	5.43	4.90	4.22	4.41
1902	4.04	3.90	4.15	4.14	4.41	4.39	4.11	4.28	4.88	5.06	5.15	4.49	4.42
1903	4.13	4.07	4.57	4.58	5.21	4.83	4.37	4.27	4.95	5.20	4.98	4.13	4.61
1904	4.12	4.39	4.31	4.34	4.70	4.66	4.13	4.05	4.91	5.53	4.80	4.23	4.51
1905	3.79	4.18	4.43	4.11	4.32	4.49	4.08	4.86	4.90	5.17	4.81	4.49	4.47
1906	4.30	4.65	4.26	4.17	4.70	4.64	4.41	4.21	4.90	5.29	4.69	4.35	4.55
1907	4.15	4.25	4.21	4.66	4.39	4.38	4.02	4.06	4.15	4.84	4.43	3.95	4.29
1908	3.64	3.73	3.94	4.35	4.18	4.78	4.68	4.55	5.40	5.72	4.70	4.16	4.49
1909	4.48	3.58	3.87	4.11	4.49	4.30	4.43	4.76	5.36	4.99	4.85	4.22	4.45
1910	3.87	3.90	4.31	4.07	3.99	4.11	3.87	4.31	4.83	4.90	4.72	4.06	4.24
1911	3.83	4.12	4.14	4.42	4.53	4.33	3.82	4.24	4.55	4.72	4.74	4.43	4.32
1912	4.31	4.04	4.23	3.99	4.15	4.66	4.52	3.87	4.65	5.26	4.69	4.13	4.38
1913	4.05	4.54	4.24	4.51	4.48	4.41	4.05	4.47	4.86	4.45	4.24	4.11	4.37
1914	4.13	4.19	3.88	4.19	4.37	4.61	4.39	4.26	5.03	4.82	4.51	4.83	4.43
1915	4.25	4.51	4.45	4.38	4.31	4.64	4.25	4.14	4.86	4.95	4.43	4.02	4.43
1916	4.01	4.02	3.83	4.15	4.37	4.12	3.97	4.16	4.90	5.28	4.50	3.82	4.26
1917	3.76	3.53	3.91	4.14	4.10	4.13	3.82	4.23	4.99	4.73	4.52	4.39	4.19
1918	3.71	3.71	3.94	4.28	4.05	4.37	4.22	4.28	4.87	4.94	4.79	4.47	4.30
1919	4.28	4.35	4.60	4.71	4.39	4.87	4.54	4.20	4.85	4.87	5.02	4.55	4.60
1920	4.02	4.39	3.67	4.00	4.73	4.43	4.07	4.26	4.84	5.05	4.66	4.24	4.36
1921	4.34	4.40	4.40	4.44	4.75	4.84	4.29	4.46	4.73	5.14	4.48	4.39	4.56
1922	4.10	4.19	4.18	4.13	4.43	4.36	4.04	4.23	5.12	5.05	4.63	4.11	4.38
1923	4.05	4.20	4.05	4.42	4.61	4.26	4.33	3.82	4.53	5.04	4.75	4.08	4.34
1924	3.94	4.20	4.13	3.99	4.01	4.11							
1938											5.19	4.53	
1939	4.09	4.01	4.27	4.15	4.62	4.39	4.46	4.38	5.21	5.17	4.92	4.20	4.49
1940	3.98	3.98	4.24	4.10	4.37	4.17	4.36	4.93	5.34	5.19	4.72	4.51	4.49
1941	4.59	4.37	4.06	4.44	4.25	4.38	4.09	4.25	5.01	4.93	4.82	4.39	4.46
1942	4.30	4.49	3.93	4.50	4.55	4.48	4.23	4.48	4.90	5.34	4.77	4.20	4.51
1943	4.10	3.94	4.44	4.46	4.58	4.43	4.24	4.63	5.24	5.39	4.75	4.43	4.55
1944	4.55	4.31	4.51	4.68	4.86	4.90	4.92	4.73	5.08	5.36	5.08	4.39	4.78
1945	4.34	4.16	4.17	4.63	4.42	4.45	4.46	4.65	4.93	5.55	4.98	4.77	4.63
1946	4.42	4.15	4.52	4.64	4.56	4.43	4.41	4.43	5.34	5.68	5.41	4.84	4.74
1947	4.48	4.11	4.23	4.40	4.44	4.85	4.47	4.54	5.41	5.62	5.62	5.25	4.78
1948	4.80	4.87	4.86	5.07	4.86	4.81	4.48	4.82	5.69	5.71	5.07	4.72	4.98
1949	4.31	4.62	4.45	4.44	4.85	4.92	4.70	4.56	5.32	5.66	4.65	4.82	4.78
1950	4.29	4.50	4.36	4.50	4.63	4.40	3.99	4.81	5.32	5.52	4.48	4.47	4.61
1951	4.27	4.34	4.50	4.40	4.61	4.61	4.25	4.55	4.94	5.77	5.01	4.64	4.66
1952	4.40	4.54	4.52	4.39	4.66	4.29	4.54	4.58	5.44	5.46	4.71	4.66	4.68
1953	4.06	4.04	4.25	4.32	4.24	4.69	4.61	4.84	5.45	5.65	5.09	4.59	4.65

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8720030
FERNANDINA BEACH,FL 30 40.3N 81 28.0W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1954	4.45	4.49	4.23	4.75	4.89	4.96	4.60	4.52	4.98	5.13	4.78	4.21	4.67
1955	4.49	4.45	4.18	4.49	4.86	4.78	4.56	5.04	5.24	5.36	4.61	4.63	4.72
1956	4.59	4.20	4.21	4.29	4.67	4.52	3.97	4.57	5.05	5.64	5.06	4.17	4.58
1957	4.15	4.60	4.67	4.40	4.81	4.70	4.81	5.22	5.13	5.75	5.19	4.50	4.83
1958	4.61	3.74	4.60	4.81	4.50	4.61	4.29	4.49	5.08	5.66	4.82	4.72	4.66
1959	4.44	4.39	4.36	4.43	4.52	4.86	4.66	4.49	5.19	5.23	5.30	4.85	4.73
1960	4.75	4.46	4.67	4.60	4.78	4.96	4.78	4.90	5.60	5.42	4.90	4.70	4.88
1961	4.42	4.32	4.54	4.29	4.69	4.35	4.26	4.61	5.23	5.33	5.09	4.41	4.63
1962	4.03	4.57	4.95	4.35	4.87	4.92	4.74	4.89	5.30	5.34	5.06	4.64	4.80
1963	4.58	4.53	4.06	4.39	4.73	4.43	4.31	4.48	5.66	5.56	4.74	4.39	4.66
1964	4.08	4.01	4.25	4.28	4.91	4.71	4.15	4.61	5.58	5.41	4.96	4.57	4.63
1965	4.43	4.48	4.35	4.77	4.26	4.40	4.39	4.28	5.37	5.21	5.04	4.72	4.64
1966	4.69	4.35	4.54	4.42	4.89	5.02	4.70	4.58	4.99	5.09	4.89	4.69	4.74
1967	4.48	4.38	4.38	4.73	4.73	5.28	4.25	4.64	5.60	5.14	4.87	4.66	4.76
1968	4.70	4.70	4.11	4.55	4.48	4.68	4.42	4.78	5.41	5.35	4.62	4.35	4.68
1969	4.45	4.74	4.44	4.43	4.72	4.80	4.49	4.90	5.60	5.79	5.06	4.48	4.82
1970	4.38	4.17	4.40	4.68	4.64	4.81	4.46	4.61	5.02	5.62	4.87	4.80	4.70
1971	4.36	4.05	4.28	4.46	4.59	4.61	4.46	4.83	5.37	5.63	5.53	5.10	4.77
1972	4.78	4.71	4.50	4.70	5.34	5.18	4.69	4.91	5.32	5.62	5.42	4.76	4.99
1973	4.95	5.10	4.99	4.81	4.65	4.62	4.76	4.93	5.41	5.86	5.19	4.57	4.99
1974	4.55	4.64	4.51	4.53	4.85	5.06	4.92	5.06	5.51	5.65	5.06	4.59	4.91
1975	4.41	4.88	4.62	4.84	5.15	5.18	4.82	4.83	5.27	5.53	5.04	4.86	4.95
1976	4.27	4.00	4.45	4.71	4.70	5.00	4.54	4.97	5.13	5.19	4.78	4.69	4.70
1977	4.24	4.19	4.65	4.44	4.96	4.89	4.50	4.84	5.08	5.03	5.22	4.70	4.73
1978	4.14	4.62	4.62	4.61	4.66	4.72	4.59	4.66	5.39	5.59	5.48	4.55	4.80
1979	4.04	4.40	4.29	4.50	4.57	5.01	4.78	4.70	5.20	5.07	4.89	4.87	4.69
1980	4.91	4.80	4.54	4.66	4.90	4.80	4.49	4.48	5.02	4.98	4.88	4.80	4.77
1981	4.38	4.43	4.39	4.44	4.81	4.32	4.63	4.88	5.09	5.13	5.23	4.46	4.68
1982	4.08	4.40	4.71	4.57	4.65	4.82	4.56	4.69	5.21	5.56	5.40	5.07	4.81
1983	5.22	5.07	4.97	4.80	4.67	5.11	4.90	4.80	5.35	5.63	5.16	4.68	5.03
1984							4.40	4.65	5.49	5.62	5.58	4.98	
1985	4.54	4.41	4.68	4.56	5.02	4.66	4.80	5.28	5.73	5.98	5.15	4.59	4.95
1986	4.69	4.72	4.58	4.99	5.12	5.18	4.66	4.77	5.28	5.30	5.33	5.35	5.00

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8720220

MAYPORT,FL 30 23.6N 81 25.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1928					3.57	3.26	3.40	3.66	4.10	4.34	4.06	4.00	
1929	3.21	3.75	3.23	3.40	3.33	3.89	3.59	3.53	4.21	4.04	3.87	3.35	3.62
1930	3.84	3.72	3.39	3.56	3.40	3.69	3.35	3.72	3.60	4.26	3.77	3.51	3.65
1931	3.25	3.57	3.68	3.45	3.29	3.23	3.23	3.11	3.67	4.07	3.66	3.64	3.49
1932	3.32	3.39	3.11	3.22	3.51	3.59	3.16	3.65	4.35	3.97	4.17	3.88	3.61
1933	3.69	3.53	3.40	3.84	3.54	3.72	3.65	3.99	4.04	4.68	4.06	3.55	3.81
1934	3.41	3.41	3.35	3.48	3.75	3.48	3.45	3.35	3.98	4.48	3.92	3.57	3.64
1935	3.88	3.52	3.38	3.66	3.59	3.54	3.36	3.62	4.08	4.53	4.60	3.74	3.79
1936	3.37	3.66	3.35	3.55	4.09	4.08	3.36	3.72	4.12	4.40	3.90	3.97	3.80
1937	3.67	3.69	3.62	3.59	3.88	3.61	3.38	3.78	4.36	4.56	3.98	3.82	3.83
1938	3.53	3.60	3.47	3.31	3.55	3.62	3.57	3.88	4.16	4.60	4.40	3.78	3.79
1939	3.38	3.21	3.49	3.39	3.81	3.59	3.70	3.62	4.43	4.41	4.19	3.48	3.72
1940	3.32	3.18	3.38	3.30	3.60	3.49	3.56	4.13	4.53	4.41	3.91	3.77	3.72
1941	3.93	3.75	3.42	3.66	3.52	3.62	3.45	3.54	4.28	4.24	4.19	3.77	3.78
1942	3.59	3.78	3.26	3.76	3.77	3.73	3.57	3.72	4.12	4.56	4.03	3.46	3.78
1943	3.33	3.20	3.61	3.64	3.82	3.67	3.52	3.96	4.58	4.70	3.98	3.63	3.80
1944	3.68	3.38	3.60	3.76	3.94	4.02	4.05	3.91	4.20	4.53	4.28	3.58	3.91
1945	3.51	3.28	3.32	3.71	3.55	3.59	3.72	3.93	4.22	4.76	4.24	4.05	3.82
1946	3.68	3.40	3.77	3.83	3.74	3.66	3.63	3.72	4.60	4.91	4.64	4.10	3.97
1947	3.71	3.43	3.51	3.63	3.65	4.01	3.75	3.80	4.64	4.90	4.91	4.48	4.04
1948	4.02	4.16	4.16	4.21	4.07	4.02	3.72	4.08	4.92	4.98	4.41	3.94	4.22
1949	3.53	3.80	3.68	3.68	4.07	4.15	3.93	3.80	4.56	4.98	4.02	4.03	4.02
1950	3.56	3.70	3.57	3.72	3.84	3.63	3.23	3.96	4.47	4.78	3.87	3.74	3.84
1951	3.56	3.60	3.77	3.59	3.80	3.77	3.46	3.73	4.14	5.03	4.32	3.88	3.89
1952	3.65	3.75	3.76	3.60	3.77	3.49	3.68	3.74	4.58	4.69	3.95	3.94	3.88
1953	3.34	3.23	3.47	3.59	3.42	3.85	3.78	4.00	4.76	4.96	4.38	3.84	3.88
1954	3.68	3.70	3.43	3.84	4.06	4.10	3.78	3.72	4.13	4.32	3.98	3.45	3.85
1955	3.67	3.65	3.40	3.66	4.04	3.92	3.74	4.23	4.44	4.57	3.86	3.83	3.92
1956	3.83	3.44	3.35	3.48	3.78	3.68	3.18	3.71	4.22	4.82	4.23	3.30	3.75
1957	3.29	3.76	3.89	3.59	3.94	3.85	3.96	4.40	4.28	4.95	4.42	3.72	4.00
1958	3.84	3.02	3.82	3.93	3.69	3.78	3.49	3.71	4.19	4.86	4.07	3.99	3.87
1959	3.68	3.60	3.67	3.68	3.80	4.03	3.90	3.78	4.36	4.50	4.54	4.07	3.97
1960	4.01	3.75	3.94	3.82	4.04	4.18	4.11	4.21	4.92	4.79	4.27	3.96	4.17
1961	3.64	3.59	3.69	3.62	3.81	3.66	3.58	3.90	4.45	4.65	4.42	3.84	3.90
1962	3.39	3.82	4.20	3.59	3.97	4.00	3.90	4.12	4.46	4.58	4.28	3.88	4.02
1963	3.82	3.80	3.29	3.60	3.87	3.65	3.53	3.73	4.87	4.87	4.08	3.70	3.90
1964	3.50	3.34	3.50	3.52	4.23	3.99	3.48	3.76	4.85	4.76	4.32	3.85	3.92
1965	3.63	3.67	3.48	3.85	3.46	3.61	3.64	3.64	4.53	4.43	4.34	3.96	3.85
1966	4.00	3.64	3.79	3.68	4.12	4.20	4.02	3.93	4.28	4.44	4.22	4.09	4.03
1967	3.69	3.61	3.52	3.88	3.91	4.51	3.59	4.00	4.91	4.38	4.13	3.90	4.00
1968	3.92	3.93	3.31	3.74	3.67	3.93	3.70	4.07	4.75	4.66	3.94	3.63	3.94
1969	3.69	3.98	3.75	3.66	3.89	3.98	3.69	4.08	4.82	5.15	4.47	3.93	4.09
1970	3.83	3.62	3.72	3.94	3.82	3.98	3.70	3.86	4.20	4.78	4.17	4.08	3.98
1971	3.61	3.31	3.62	3.70	3.75	3.79	3.67	4.02	4.52	4.81	4.74	4.35	3.99

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8720220

MAYPORT,FL 30 23.6N 81 25.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1972	4.05	3.96	3.76	4.00	4.47	4.23	3.86	4.12	4.55	4.77	4.62	4.03	4.20
1973	4.20	4.41	4.17	4.05	3.92	3.84	3.92	4.10	4.65	5.13	4.40	3.83	4.22
1974	3.69	3.83	3.69	3.69	3.96	4.21	4.17	4.30	4.73	4.91	4.32	3.91	4.12
1975	3.64	3.98	3.85	3.99	4.31	4.32	4.12	4.10	4.55	4.85	4.38	4.08	4.18
1976	3.54	3.21	3.63	3.94	3.99	4.34	3.84	4.16	4.28	4.48	4.05	4.03	3.96
1977	3.48	3.40	3.65	3.48	4.11	4.10	3.71	4.07	4.20	4.35	4.46	3.96	3.91
1978	3.34	3.95	3.88	3.73	3.79	3.87	3.87	3.89	4.56	4.78	4.68	3.82	4.01
1979	3.33	3.68	3.51	3.68	3.76	4.18	3.98	3.90	4.47	4.31	4.12	4.01	3.91
1980	4.08	3.97	3.72	3.81	4.02	3.91	3.65	3.61	4.16	4.10	4.02	3.93	3.92
1981	3.60	3.62	3.61	3.59	3.91	3.52	3.77	4.00	4.28	4.29	4.47	3.70	3.86
1982	3.37	3.53	3.90	3.83	3.90	4.08	3.86	3.93	4.37	4.80	4.60	4.26	4.04
1983	4.40	4.20	4.21	4.01	3.84	4.32	4.17	3.97	4.53	4.81	4.39	3.89	4.23
1984	4.24	3.63	3.75	4.00	3.72		3.61	3.86	4.64	4.82	4.77	4.21	
1985	3.81	3.61	3.85	3.71	4.16	3.80	3.96	4.48	4.90	5.17	4.37	3.83	4.14
1986	3.85	3.91	3.80	4.14	4.27	4.33	3.86	3.92	4.44	4.47	4.48	4.49	4.16

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8723170

MIAMI BEACH,FL 25 46.1N 80 07.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1931						3.15	3.09	3.14	3.46	3.54	3.40	3.22	
1932	3.15	3.13	3.11	3.19	3.24	3.21	3.25	3.33	3.78	3.50	3.74	3.64	3.36
1933	3.27	3.21	3.12	3.37	3.42	3.49	3.28	3.47	3.62	4.20	3.92	3.20	3.46
1934	3.22	3.08	3.05	3.24	3.24	3.31	3.19	3.27	3.58	3.91	3.63	3.36	3.34
1935	3.49	3.31	3.20	3.45	3.22	3.31	3.23	3.31	3.44	3.98	4.00	3.48	3.45
1936	3.27	3.36	3.14	3.12	3.72	3.69	3.28	3.44	3.80	3.92	3.68	3.67	3.51
1937	3.28	3.60	3.33	3.30	3.59	3.27	3.42	3.54	3.77	4.05	3.71	3.38	3.52
1938	3.30	3.28	3.15	3.22	3.35	3.30	3.18	3.39	3.60	3.98	4.04	3.54	3.44
1939	3.25	3.19	3.16	3.26	3.47	3.36	3.30	3.48	3.95	4.10	3.96	3.31	3.48
1940	3.30	3.26	3.24	3.07	3.42	3.24	3.32	3.67	3.96	4.15	3.58	3.49	3.48
1941	3.61	3.60	3.16	3.46	3.52	3.38	3.23	3.31	3.87	3.67	3.74	3.36	3.49
1942	3.27	3.42	3.13	3.55	3.43	3.42	3.44	3.37	3.79	4.40	3.98	3.34	3.54
1943	3.17	3.17	3.42	3.50	3.55	3.53	3.28	3.54	4.00	4.38	3.74	3.50	3.56
1944	3.43	3.21	3.31	3.45	3.57	3.59	3.62	3.55	3.72	4.09	3.94	3.34	3.57
1945	3.24	2.93	3.09	3.36	3.41	3.31	3.37	3.67	3.72	4.09	3.91	3.61	3.48
1946	3.22	3.28	3.38	3.61	3.34	3.28	3.27	3.63	4.10	4.30	4.12	3.98	3.63
1947	3.36	3.52	3.36	3.26	3.69	3.85	3.51	3.63	3.93	4.32	4.40	4.13	3.75
1948	3.73	3.65	3.65	3.85	3.89	3.79	3.76	3.74	4.22	4.50	3.94	3.66	3.86
1949	3.20	3.23	3.41	3.39	3.59	3.60	3.61	3.52	3.93	4.39	3.81	3.48	3.60
1950	3.36	3.42	3.35	3.56	3.49	3.31	3.31	3.83	3.90	4.17	3.61	3.48	3.57
1951	3.37	3.40	3.43	3.51	3.57	3.45	3.39	3.61	3.77	4.37	4.02	3.64	3.63
1952													
1953													
1954													
1955	3.39	3.37	3.12	3.38	3.68	3.57	3.57	3.91	3.91	4.11	3.61	3.46	3.59
1956	3.60	3.23	3.26	3.37	3.50	3.48	3.41	3.52	3.95	4.31	4.14	3.05	3.57
1957	3.13	3.54	3.66	3.39	3.61	3.68	3.61	3.68	3.86	4.43	4.08	3.59	3.69
1958	3.62	3.08	3.32	3.36	3.36	3.51	3.27	3.49	3.89	4.39	3.80	3.70	3.57
1959	3.47	3.31	3.37	3.40	3.52	3.71	3.48	3.48	3.78	4.06	4.18	3.79	3.63
1960	3.71	3.49	3.42	3.53	3.72	3.83	3.73	3.69	4.13	4.20	3.90	3.74	3.76
1961	3.50	3.48	3.72	3.60	3.50	3.55	3.35	3.60	3.74	4.28	3.99	3.56	3.66
1962	3.38	3.52	3.98	3.37	3.78	3.72	3.67	3.71	4.00	4.18	3.89	3.81	3.75
1963	3.60	3.42	3.26	3.38	3.64	3.35	3.65	3.51	4.08	4.46	4.05	3.48	3.66
1964	3.22	3.14	3.20	3.40	3.91	3.70	3.53	3.66	4.15	4.13	4.02	3.71	3.65
1965	3.62	3.54	3.39	3.54	3.43	3.54	3.53	3.60	4.10	3.92	4.18	3.74	3.68
1966	3.84	3.54	3.52	3.60	3.65	3.58	3.53	3.60	3.84	4.01	4.06	3.68	3.70
1967	3.46	3.41	3.44	3.67	3.57	3.84	3.52	3.82	4.03	4.12	4.08	3.74	3.72
1968	3.80	3.72	3.49	3.50	3.50	3.39	3.57	3.82	4.00	4.13	3.74	3.63	3.69
1969	3.78	3.80	3.72	3.45	3.51	3.71	3.85	3.92	4.06	4.49	4.09	3.56	3.83
1970	3.46	3.36	3.32	3.48	3.71	3.68	3.49	3.87	3.98	4.35	4.13	3.88	3.73
1971	3.55	3.43	3.51	3.38	3.41	3.48	3.59	3.58	3.84	4.39	4.52	4.00	3.72
1972	3.77	3.71	3.68	3.55	3.93	3.74	3.62	3.66	4.11	4.16	3.95	3.77	3.80
1973	3.86	3.95	3.94	3.88	3.66	3.54	3.79	3.86	4.04	4.67	4.09	3.64	3.91
1974	3.36	3.52	3.42	3.34	3.64	3.84	3.72	3.80	4.16	4.46	3.95	3.56	3.73

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8723170

MIAMI BEACH, FL 25 46.1N 80 07.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1975	3.44	3.68	3.70	3.71	3.92	3.88	4.03	3.98	4.11	4.22	4.06	3.97	3.89
1976	3.37	3.27	3.37	3.61	3.60	3.86	3.56	3.77	3.86	4.08	3.97	3.89	3.68
1977	3.50	3.29	3.46	3.44	3.75	3.72	3.66	3.75	4.00	3.94	4.07	3.76	3.70
1978	3.28	3.61	3.54	3.41	3.54	3.70	3.62	3.73	3.75	4.10	4.34	3.59	3.68
1979	3.58	3.35	3.51	3.36	3.56	3.87						3.88	
1980	3.78	3.87	3.47	3.70	3.85	3.81	3.56	3.62	3.99	4.01	4.08	3.85	3.80
1981	3.73	3.55	3.73	3.53	3.84	3.53							

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8724580

KEY WEST,FL 24 33.2N 81 48.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1913	4.66	4.83	4.68	4.87	4.89	5.00	4.89	5.17	5.19	5.20	4.99	4.85	4.94
1914	4.71	4.57	4.47	4.67	5.10	4.96	4.77	5.18	5.32	5.06	5.01	5.00	4.90
1915	4.87	4.82	4.79	4.75	4.70	4.82	4.84	4.95	5.19	5.19	5.08	4.75	4.90
1916	4.68	4.77	4.55	4.71	4.95	4.74	4.97	5.02	5.23	5.51	5.28	4.88	4.94
1917	4.57	4.64	5.10	5.05	4.93	4.84	4.75	4.77	5.32	5.53	5.46	5.10	5.00
1918	4.75	4.49	4.73	4.98	4.93	4.86	4.88	4.99	5.13	5.06	5.12	5.00	4.91
1919	4.68	4.55	4.75	4.67	4.76	4.91	4.94	4.98	5.28	5.34	5.21	4.89	4.91
1920	4.53	4.72	4.26	4.62	4.76	4.92	4.90	4.92	5.16	5.21	5.07	4.87	4.83
1921	4.73	4.68	4.73	4.91	4.95	5.12	4.92	4.98	5.31	5.44	5.00	4.87	4.97
1922	4.65	4.81	4.81	4.77	4.88	4.93	4.99	5.06	5.28	5.28	5.02	4.68	4.93
1923	4.68	4.63	4.80	4.88	5.04	4.89	4.78	4.78	5.07	5.15	4.97	4.61	4.86
1924	4.66	4.72	4.74	4.49	4.64	4.81	4.99	5.14	5.26	5.33	5.14	4.49	4.87
1925	4.61	4.76	4.68	4.50	4.88	4.81	4.83	5.08	5.19	5.14	5.27	4.94	4.89
1926	4.56	4.34	4.40	4.65	4.72	4.79	4.81	5.13	5.31	5.38	5.07	4.79	4.83
1927	4.77	4.80	4.81	4.84	4.82	4.89	4.78	5.06	5.06	5.28	5.27	5.00	4.95
1928	4.63	4.34	4.57	4.57	4.82	4.90	4.94	5.10	5.22	5.28	5.18	5.02	4.88
1929	4.62	4.86	4.71	4.91	4.86	4.92	5.10	5.07	5.20	5.03	4.99	4.92	4.93
1930	4.96	4.92	4.81	4.87	4.90	4.86	4.90	5.15	5.08	5.29	5.00	4.78	4.96
1931	4.50	4.63	4.82	4.81	4.53	4.72	4.80	4.81	5.13	5.11	5.09	4.90	4.82
1932	4.84	4.69	4.67	4.77	4.86	4.87	4.92	5.09	5.26	5.20	5.26	5.21	4.97
1933	4.88	4.77	4.65	4.95	5.04	5.14	5.04	5.24	5.36	5.68	5.35	4.82	5.08
1934	4.81	4.56	4.66	4.80	4.75	4.86	4.87	4.93	5.30	5.42	5.19	5.03	4.93
1935	5.01	4.73	4.83	4.99	4.84	4.89	4.99	5.14	5.10	5.55	5.34	4.93	5.03
1936	4.84	4.90	4.72	4.75	5.20	5.22	5.08	5.11	5.38	5.57	5.30	5.23	5.11
1937	5.04	5.19	4.82	4.97	5.21	4.95	5.17	5.36	5.44	5.57	5.29	5.00	5.17
1938	4.84	4.82	4.75	4.91	4.99	4.98	4.90	5.19	5.19	5.40	5.41	5.02	5.03
1939	4.86	4.82	4.85	4.89	5.00	4.97	4.98	5.15	5.32	5.63	5.38	4.95	5.07
1940	4.69	4.63	4.68	4.65	4.89	4.87	4.94	5.25	5.42	5.52	5.08	5.00	4.97
1941	5.01	4.97	4.67	4.90	5.01	4.86	4.83	4.99	5.41	5.23	5.23	5.02	5.01
1942	4.88	4.91	4.78	5.03	5.02	5.15	5.23	5.19	5.44	5.72	5.57	5.00	5.16
1943	4.81	4.80	5.05	5.12	5.11	5.13	4.92	5.20	5.63	5.72	5.25	5.02	5.15
1944	4.84	4.76	4.94	5.01	5.08	5.16	5.14	5.22	5.47	5.70	5.45	4.91	5.14
1945	4.86	4.56	4.74	5.04	5.10	5.14	5.12	5.28	5.38	5.44	5.15	4.95	5.06
1946	4.79	4.83	4.89	5.07	4.96	4.97	5.10	5.35	5.59	5.71	5.64	5.59	5.21
1947	5.13	5.08	4.97	4.95	5.28	5.41	5.15	5.17	5.42	5.73	5.85	5.54	5.31
1948	5.16	5.15	5.29	5.28	5.38	5.33	5.43	5.39	5.66	5.86	5.51	5.24	5.39
1949	4.93	4.85	4.91	4.96	5.12	5.08	5.30	5.28	5.50	5.84	5.28	5.05	5.18
1950	5.09	5.03	4.95	5.18	5.03	4.92	5.02	5.39	5.51	5.59	5.20	4.99	5.16
1951	4.87	4.85	4.90	5.05	5.00	5.02	5.09	5.22	5.36	5.69	5.38	5.09	5.13
1952	4.95	4.96	5.06	4.95	5.21	5.05	5.17	5.27	5.55	5.57	5.29	5.28	5.19
1953									5.52	5.63	5.41	5.08	
1954	4.93	4.94	4.90	5.12	5.32	5.20	5.10	5.10	5.53	5.46	5.36	4.92	5.16
1955	5.05	5.03	4.79	4.87	5.20	5.22	5.28	5.36	5.59	5.62	5.16	4.87	5.17
1956	5.00	4.88	4.89	4.97	5.09	5.24	5.10	5.30	5.47	5.61	5.56	4.82	5.16

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8724580

KEY WEST,FL 24 33.2N 81 48.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1957	4.67	5.01	4.99	5.01	5.29	5.18	5.28	5.51	5.46	5.84	5.53	5.12	5.24
1958	5.09	4.60	4.92	4.96	5.00	5.23	5.12	5.20	5.60	5.90	5.44	5.24	5.19
1959	5.06	4.84	4.92	5.01	5.22	5.27	5.19	5.19	5.38	5.58	5.58	5.27	5.21
1960	5.17	5.00	4.93	5.04	5.15	5.36	5.37	5.43	5.48	5.67	5.42	5.17	5.27
1961	4.85	5.06	5.29	5.20	5.14	5.13	5.13	5.15	5.27	5.67	5.59	5.21	5.22
1962	4.89	4.94	5.41	4.91	5.26	5.21	5.27	5.47	5.57	5.62	5.41	5.27	5.27
1963	5.11	4.79	4.81	4.90	5.10	4.90	5.23	5.24	5.63	5.78	5.45	4.90	5.15
1964	4.67	4.59	4.73	4.84	5.13	5.06	4.95	5.11	5.37	5.35	5.28	5.00	5.01
1965	5.00	4.99	4.79	5.01	5.02	5.01	5.06	5.31	5.60	5.25	5.52	5.17	5.14
1966	5.30	5.03	5.03	5.12	5.24	5.07	5.23	5.27	5.43	5.45	5.45	5.18	5.23
1967	5.01	4.86	4.97	5.18	5.06	5.38	5.27	5.42	5.44	5.56	5.43	5.32	5.24
1968	5.07	5.08	5.00	5.08	4.95	4.91	5.11	5.22	5.42	5.45	5.19	5.02	5.12
1969	5.11	4.99	4.97	4.98	5.00	5.10	5.16	5.41	5.38	5.65	5.48	5.30	5.21
1970	4.90	4.79	4.94	4.93	5.16	5.19	5.07	5.61	5.53	5.73	5.48	5.20	5.21
1971	4.95	5.14	5.04	4.93	4.88	4.99	5.23	5.25	5.38	5.73	5.86	5.42	5.23
1972	5.36	5.15	5.15	5.13	5.41	5.39	5.22	5.26	5.63	5.68	5.50	5.29	5.35
1973	5.47	5.39	5.50	5.44	5.24	5.10	5.33	5.63	5.66	6.00	5.65	5.31	5.48
1974	5.09	5.13	5.08	5.15	5.27	5.43	5.33	5.39	5.76	6.04	5.53	5.12	5.36
1975	4.97	5.27	5.24	5.28	5.43	5.43	5.56	5.54	5.61	5.50	5.58	5.46	5.41
1976	4.90	4.78	4.97	5.04	5.12	5.33	5.17	5.30	5.47	5.57	5.37	5.36	5.20
1977	4.98	4.73	4.98	5.06	5.41	5.27	5.26	5.45	5.70	5.49	5.60	5.31	5.27
1978	4.98	5.12	5.12	5.07	5.23	5.39	5.34	5.38	5.63	5.95	5.65	5.31	5.35
1979	5.28	4.95	5.14	5.11	5.13	5.40	5.30	5.41	5.75	5.67	5.46	5.38	5.33
1980	5.32	5.24	5.02	5.25	5.43	5.44	5.37	5.42	5.62	5.53	5.65	5.18	5.37
1981	5.10	5.10	5.15	5.23	5.34	5.19	5.46	5.46	5.46	5.63	5.75	5.20	5.34
1982	4.98	5.00	5.22	5.23	5.29	5.33	5.29	5.33	5.70	5.88	5.78	5.49	5.38
1983	5.42	5.35	5.38	5.14	5.11	5.24	5.37	5.36	5.52	5.80	5.65	5.20	5.38
1984							5.04	5.34	5.81	5.91	5.80	5.47	
1985	5.35	5.11	5.15	5.02	5.36	5.36	5.27			5.95	5.62	5.33	
1986	5.21	5.27	5.10	5.49	5.73	5.57	5.34	5.41	5.86	5.98	5.65	5.53	5.51

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8726520

ST. PETERSBURG,FL 27 46.4N 82 37.3W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1947	4.04	3.81	3.88	3.96	4.30	4.48	4.28	4.42	4.22	4.70	4.68	4.45	4.27
1948	4.00	4.09	4.61	4.41	4.52	4.56	4.57	4.54	4.60	4.61	4.49	4.14	4.43
1949	3.99	4.01	4.03	4.16	4.22	4.49	4.49	4.59	4.69	4.79	4.24	3.93	4.30
1950	4.22	4.03	3.96	4.11	4.26	4.22	4.37	4.62	4.67	4.43	4.28	4.16	4.28
1951	3.94	3.83	4.14	4.04	4.09	4.33	4.32	4.42	4.58	4.47	4.21	4.20	4.21
1952	4.01	4.03	4.14	4.02	4.29	4.24	4.20	4.35	4.40	4.10	4.10	4.29	4.18
1953	4.07	4.01	4.05	4.19	4.27	4.56	4.27	4.41	4.71	4.43	4.25	4.13	4.28
1954	4.00	4.08	3.88	4.18	4.46	4.33	4.37	4.41	4.65	4.27	4.21	3.89	4.23
1955	4.00	3.86	3.83	4.14	4.26	4.48	4.52	4.50	4.59	4.48	4.28	3.97	4.24
1956	3.96	3.95	3.89	4.09	4.06	4.21	4.16	4.39	4.52	4.33	4.24	3.84	4.14
1957	3.73	4.02	4.17	4.12	4.45	4.67	4.64	4.71	4.74	4.59	4.55	3.94	4.36
1958	3.87	3.68	4.05	4.22	4.09	4.49	4.36	4.46	4.62	4.74	4.49	4.08	4.26
1959	4.00	4.02	4.13	4.18	4.29	4.52	4.48	4.55	4.68	4.77	4.30	4.16	4.34
1960	4.17	4.06	3.93	4.03	4.26	4.47	4.72	4.59	4.59	4.65	4.26	4.06	4.32
1961	3.81	4.04	4.29	4.20	4.26	4.30	4.48	4.57	4.58	4.43	4.51	4.22	4.31
1962	3.77	4.04	4.34	3.96	4.18	4.44	4.45	4.58	4.72	4.48	4.24	4.16	4.28
1963	4.10	3.94	3.98	4.21	4.16	4.35	4.42	4.41	4.64	4.41	4.42	3.88	4.24
1964	3.74	3.77	3.83	3.97	4.18	4.30	4.30	4.42	4.65	4.39	4.28	4.04	4.16
1965	4.03	4.08	4.00	4.10	4.24	4.46	4.47	4.72	4.77	4.64	4.51	4.17	4.35
1966	4.27	4.10	4.03	4.24	4.60	4.35	4.46	4.53	4.79	4.53	4.22	4.18	4.36
1967	4.05	4.08	4.04	4.36	4.54	4.67	4.59	4.76	4.59	4.38	4.34	4.47	4.41
1968	4.03	3.99	3.93	4.21	4.17	4.25	4.61	4.66	4.65	4.56	4.27	4.04	4.28
1969	4.00	4.11	4.16	4.12	4.09	4.50	4.42	4.61	4.48	4.53	4.29	4.19	4.29
1970	3.83	3.88	4.26	4.34	4.47	4.51	4.53	4.83	4.69	4.79	4.16	4.08	4.36
1971	3.88	3.99	3.91	3.97	4.20	4.25	4.32	4.52	4.65	4.80	4.78	4.42	4.31
1972	4.30	4.00	4.27	4.31	4.62	4.82	4.58	4.56	4.73	4.70	4.63	4.26	4.48
1973	4.31	4.23	4.61	4.55	4.51	4.51	4.50	4.64	4.79	4.70	4.65	4.27	4.52
1974	4.23	4.14	4.14	4.19	4.53	4.74	4.57	4.57	4.87	4.60	4.37	4.21	4.43
1975	4.17	4.43	4.35	4.34	4.63	4.60	4.83	4.78	4.99	4.65	4.48	4.41	4.56
1976	3.79	3.83	4.10	4.35	4.55	4.59	4.51	4.45	4.67	4.39	4.16	4.16	4.30
1977	3.93	3.73	4.03	4.02	4.41	4.54	4.45	4.68	4.93	4.47	4.51	4.21	4.33
1978	3.87	3.95	4.07	4.24	4.42	4.43	4.56	4.44	4.71	4.69	4.70	4.27	4.36
1979	4.19	4.05	4.36	4.55	4.46	4.45	4.67	4.71	5.00	4.67	4.33	4.26	4.48
1980	4.35	4.22	4.26	4.43	4.54	4.57	4.60	4.57	4.61	4.42	4.53	4.24	4.44
1981	4.04	4.03	4.15	4.24	4.47	4.52	4.66	4.64	4.62	4.47	4.62	4.20	4.39
1982	4.03	4.16	4.26	4.24	4.33	4.61	4.48	4.54	4.69	4.72	4.64	4.62	4.44
1983	4.41	4.39	4.66	4.43	4.60	4.58	4.61	4.64	4.69	4.85	4.84	4.24	4.58
1984							4.75	4.69	4.77	4.83	4.59	4.52	
1985	4.39	4.16	4.26	4.27	4.53	4.56	4.63	4.98	4.83	5.12	4.83	4.28	4.57
1986	4.12	4.30	4.04	4.51	4.82	4.78	4.65	4.66	4.96	4.88	4.81	4.50	4.59

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8727520

CEDAR KEY,FL 29 08.1N 83 01.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1914				3.20	3.38	3.55	3.64	3.82	3.59	3.53	3.37	3.16	
1915	3.10	3.10	3.11	3.08	3.53	3.42	3.70	3.66	3.66	3.34	3.45	3.13	3.36
1916	3.09	2.98	3.10	3.14	3.37	3.53	3.73	3.55	3.57	3.48	3.31	3.27	3.34
1917	3.04	2.89	3.19	3.38	3.46	3.55	3.63	3.63	3.62	3.46	3.08	3.02	3.33
1918	3.24	2.87	3.19	3.48	3.46	3.65	3.49	3.55	3.59	3.51	3.21	3.31	3.38
1919	2.94	3.18	3.21	3.26	3.52	3.36	3.71	3.72	3.73	3.92	3.62	3.01	3.43
1920	2.99	2.97	2.81	3.40	3.17	3.54	3.65	3.73	3.73	3.45	3.30	3.18	3.33
1921	3.09	3.16	3.26	3.38	3.54	3.60	3.73	3.56	3.72	3.49	3.49	3.28	3.44
1922	3.03	3.27	3.26	3.39	3.53	3.54	3.79	3.70	3.59	3.64	3.56	3.34	3.47
1923	3.11	2.93	3.24	3.34	3.71	3.76	3.57	3.80	3.62	3.55	3.37	3.14	3.43
1924	2.85	3.02	3.31	2.93	3.17	3.53	3.65	3.52	3.84	3.09	3.27	2.88	3.26
1925	3.11	3.18	3.07	3.28	3.40	3.50	3.61	3.63	3.79	3.68	3.41	3.02	3.39
1938										3.64	3.50	3.29	
1939	3.25	3.31	3.23	3.37	3.54	3.76	3.70	3.83	3.77	3.79	3.29	3.29	3.51
1940	2.84	2.95	3.03	3.25	3.52	3.57	3.62	3.90	3.79	3.78	3.46	3.47	3.43
1941	3.14	3.04	2.97	3.37	3.66	3.82	4.04	3.89	4.08	4.01	3.66	3.42	3.59
1942	3.23	3.17	3.24	3.36	3.55	3.80	3.78	3.84	3.96	3.89	3.56	3.34	3.56
1943	3.12	3.02	3.34	3.63	3.82	3.98	3.70	4.02	4.16	4.00	3.39	3.31	3.62
1944	3.02	3.20	3.46	3.55	3.57	3.89	3.91	3.87	3.95	3.56	3.69	2.95	3.55
1945	3.05	2.99	3.35	3.58	3.64	3.72	3.78	4.03	3.98	3.92	3.43	3.33	3.57
1946	3.18	3.18	3.39	3.57	3.87	3.81	3.86	3.98	4.08	3.91	3.87	3.57	3.69
1947	3.50	3.14	3.47	3.50	3.76	3.87	3.71	3.85	3.57	4.12	4.05	3.84	3.70
1948	3.33	3.42	4.02	3.81	3.95	3.90	4.16	4.02	4.07	4.12	4.07	3.61	3.87
1949	3.52	3.58	3.63	3.79	3.80	3.91	3.98	4.07	4.11	4.23	3.68	3.35	3.80
1950	3.65	3.44	3.32	3.46	3.64	3.64	3.89	4.10	3.78	3.86	3.60	3.52	3.66
1951	3.33	3.23	3.58	3.52	3.53	3.78	3.74	3.82	3.97	3.76	3.60	3.65	3.63
1952	3.37	3.42	3.60	3.49	3.72	3.67	3.65	3.80	3.79	3.45	3.53	3.57	3.59
1953	3.34	3.32	3.46	3.59	3.76	3.99	3.73	3.92	4.10	3.73	3.49	3.46	3.66
1954	3.32	3.46	3.30	3.51	3.80	3.73	3.82	3.76	4.06	3.62	3.52	3.23	3.59
1955	3.28	3.22	3.24	3.64	3.71	3.90	3.96	3.91	3.97	3.83	3.66	3.26	3.63
1956	3.14	3.29	3.29	3.57	3.58	3.76	3.76	3.93	4.07	3.73	3.65	3.36	3.59
1957	3.24	3.57	3.65	3.51	3.86	4.19	4.16	4.10	4.27	3.96	3.96	3.32	3.82
1958	3.13	3.00	3.48	3.70	3.54	3.95	3.80	3.93	4.11	4.08	3.89	3.43	3.67
1959	3.39	3.35	3.47	3.54	3.82	3.87	3.85	3.96	3.97	4.17	3.48	3.40	3.69
1960	3.51	3.38	3.30	3.53	3.63	3.88	4.13	4.03	3.94	4.03	3.61	3.26	3.69
1961	2.94	3.44	3.63	3.56	3.62	3.80	4.05	4.03	4.25	4.05	4.20	3.84	3.78
1962	3.38	3.71	3.66	3.32	3.59	3.85	3.93	3.96	4.02	3.76	3.49	3.36	3.67
1963	3.33	3.12	3.30	3.61	3.50	3.75	3.82	3.80	3.79	3.60	3.61	3.02	3.52
1964	2.94	3.00	3.19	3.35	3.57	3.61	3.69	3.82	4.12	3.68	3.50	3.40	3.49
1965	3.35	3.29	3.34	3.41	3.60	3.90	3.83	4.07	4.06	3.90	3.80	3.54	3.67
1966	3.42	3.28	3.34	3.68	3.96	3.70	3.74	3.88	4.08	3.71	3.39	3.36	3.63
1967	3.33	3.32	3.36	3.77	3.92	3.94	3.97	4.15	3.81	3.67	3.55	3.71	3.71
1968	3.19	3.11	3.15	3.51	3.47	3.54	3.91	3.91	3.99	4.00	3.45	3.18	3.53
1969	3.16	3.26	3.50	3.49	3.44	3.89	3.87	4.12	3.98	4.04	3.64	3.58	3.66

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8727520

CEDAR KEY,FL 29 08.1N 83 01.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1970	3.24	3.56	3.72	3.75	3.89	3.86	3.90	4.31	3.96	4.04	3.59	3.61	3.79
1971	3.39	3.49	3.41	3.53	3.61	3.63	3.90	3.95	4.05	4.19	4.00	3.72	3.74
1972	3.60	3.21	3.61	3.73	3.90	4.20	4.04	3.99	4.16	4.07	3.95	3.55	3.83
1973	3.60	3.51	3.94	3.95	3.94	3.91	3.93	4.09	4.29	4.16	3.98	3.57	3.91
1974	3.56	3.51	3.60	3.67	4.03	4.06	3.92	3.97	4.23	3.86	3.66	3.54	3.80
1975	3.47	3.75	3.68	3.71	4.03	4.03	4.27	4.21	4.42	4.00	3.80	3.73	3.92
1976	3.09	3.10	3.41	3.64	3.96	3.95	3.88	3.87	3.97	3.60	3.32	3.27	3.59
1977	3.16	3.07	3.47	3.51	3.84	3.94	3.85	4.10	4.33	3.76	3.84	3.44	3.69
1978	3.14	3.18	3.36	3.63	3.89	3.84	4.02	3.90	4.09	3.90	4.02	3.45	3.70
1979	3.32	3.23	3.62	3.92	3.80	3.71	4.04	4.06	4.27	3.88	3.54	3.42	3.73
1980	3.56	3.42	3.56	3.79	3.92	3.92	4.00	3.90	3.99	3.65	3.73	3.40	3.74
1981	3.25	3.25	3.43	3.54	3.79	3.84	3.96	3.94	3.89	3.61	3.80	3.39	3.64
1982	3.24	3.37	3.44	3.48	3.68	3.93	3.80	3.85	3.88	3.92	3.82	3.84	3.69
1983	3.55	3.57	3.87	3.75	4.05	3.88	3.89	3.91	3.94	4.05	4.05	3.32	3.82
1984							4.22	4.02	3.94	4.10	3.69	3.73	
1985	3.53	3.38	3.51	3.51	3.78	3.86	3.93			4.35	4.12	3.49	
1986	3.25		3.32	3.81	4.13	4.05	3.98	4.06		4.12	3.98	3.59	

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8729840

PENSACOLA,FL 30 24.2N 87 12.8W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1923					8.95	9.00	8.68	8.77	8.98	9.05	8.57	8.41	
1924	8.12	8.20	8.35	8.11	8.17	8.51	8.56	8.53	8.94	8.75	8.46	8.12	8.40
1925	8.39	8.40	8.26	8.38	8.43	8.52	8.39	8.59	8.79	8.74	8.72	8.19	8.48
1926	8.07	8.03	8.20	8.36	8.39	8.48	8.39	9.00	9.32	9.04	8.48	8.56	8.53
1927	8.12	8.52	8.44	8.65	8.52	8.69	8.79	8.79	8.76	8.63	8.58	8.39	8.57
1928	7.92	8.05	8.29	8.49	8.70	8.67	8.64	8.79	8.95	8.80	8.50	8.41	8.52
1929	8.27	8.45	8.99	8.89	8.87	8.92	9.06	8.95	9.16	8.87	8.83	8.36	8.80
1930	8.33	8.47	8.37	8.44	8.64	8.56	8.41	8.56	8.80	8.74	8.40	8.14	8.49
1931	7.99	8.34	8.39	8.23	8.10	8.18	8.62	8.64	8.73	8.79	8.46	8.61	8.42
1932	8.58	8.57	8.25	8.30	8.54	8.65	8.64	8.90	9.11	8.94	8.50	8.71	8.64
1933	8.37	8.52	8.48	9.10	9.00	8.74	8.91	9.01	9.13	9.00	8.58	8.38	8.77
1934	8.34	8.09	8.20	8.38	8.42	8.64	8.51	8.64	8.82	9.02	8.79	8.28	8.51
1935	8.17	8.05	8.33	8.45	8.80	8.74	8.90	8.90	8.74	8.89	8.74	8.26	8.58
1936	8.55	8.40	8.24	8.42	8.82	8.96	8.73	9.01	9.02	8.93	8.40	8.41	8.66
1937	8.68	8.58	8.56	8.78	8.80	8.81	8.89	8.97	8.95	8.93	8.70	8.51	8.76
1938	8.28	8.19	8.62	8.77	8.70	8.58	8.75	9.10	8.96	8.96	8.75	8.45	8.68
1939	8.35	8.38	8.45	8.55	8.71	8.89	8.65	8.93	9.08	9.18	8.72	8.38	8.69
1940	7.93	8.09	8.30	8.36	8.51	8.67	8.83	8.87	9.12	8.98	8.72	8.67	8.59
1941	8.37	8.22	8.16	8.54	8.66	8.68	8.93	8.74	9.42	9.19	8.78	8.62	8.69
1942	8.34	8.45	8.49	8.67	8.75	8.91	8.79	9.02	9.14	9.06	8.79	8.39	8.73
1943	8.30	8.32	8.66	8.74	8.95	9.03	8.73	8.97	9.38	9.18	8.68	8.50	8.79
1944	8.34	8.38	8.82	9.04	9.08	9.08	8.96	9.08	9.26	8.98	8.97	8.28	8.86
1945	8.25	8.29	8.52	8.98	8.89	8.92	8.87	9.22	9.31	9.22	8.77	8.50	8.81
1946	8.51	8.38	8.66	8.75	9.11	9.15	8.90	9.11	9.37	9.25	9.17	8.79	8.93
1947	8.62	8.31	8.72	8.80	9.00	9.04	8.76	9.09	9.18	9.16	9.23	9.00	8.91
1948	8.45	8.58	9.29	9.19	8.98	8.99	9.22	9.24	9.48	9.31	9.24	8.82	9.07
1949	8.65	8.70	8.71	8.79	8.90	9.05	9.20	9.00	9.32	9.51	8.65	8.66	8.93
1950	8.90	8.67	8.61	8.83	8.82	8.72	8.94	9.24	9.15	9.15	8.75	8.65	8.87
1951	8.55	8.40	8.75	8.70	8.62	8.72	8.81	8.91	9.20	9.03	8.67	8.79	8.76
1952	8.60	8.67	8.80	8.63	8.86	8.69	8.90	8.87	9.16	8.67	8.57	8.64	8.76
1953	8.40	8.52	8.52	8.73	9.04	9.23	8.82	8.96	9.13	9.04	8.70	8.74	8.82
1954	8.53	8.51	8.54	8.74	8.95	8.74	8.69	8.80	9.21	8.95	8.60	8.28	8.71
1955	8.33	8.51	8.41	8.81	8.85	8.99	9.09	9.01	9.14	9.01	8.76	8.47	8.78
1956	8.24	8.52	8.57	8.71	8.80	8.87	8.73	8.85	9.25	9.13	8.76	8.37	8.73
1957	8.39	8.65	8.61	8.90	9.05	9.29	9.10	9.11	9.43	9.25	9.14	8.54	8.96
1958	8.43	8.17	8.63	8.79	8.79	8.97	9.00	9.03	9.46	9.33	9.07	8.55	8.85
1959	8.48	8.49	8.61	8.84	9.03	9.17	9.07	9.16	9.31	9.41	8.87	8.61	8.92
1960	8.64	8.62	8.54	8.82	8.71	9.07	9.06	9.21	9.31	9.15	8.80	8.61	8.88
1961	8.25	8.69	8.96	8.90	8.88	8.90	9.19	9.33	9.57	9.15	9.09	8.96	8.99
1962	8.45	8.63	8.91	8.77	8.80	8.97	8.78	9.04	9.21	8.99	8.67	8.46	8.81
1963	8.49	8.24	8.50	8.74	8.70	8.77	8.67	8.76	9.16	8.99	8.84	8.23	8.67
1964	8.24	8.30	8.58	8.65	8.88	8.72	8.78	9.03	9.19	9.00	8.76	8.68	8.73
1965	8.55	8.61	8.50	8.67	8.76	9.04	8.91	9.19	9.72	9.21	9.08	8.78	8.92
1966	8.68	8.56	8.67	8.76	9.08	8.86	8.76	8.90	9.10	8.95	8.66	8.53	8.79

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8729840

PENSACOLA,FL 30 24.2N 87 12.8W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1967	8.49	8.59	8.51	8.87	8.97	9.22	8.97	9.16	9.19	8.96	8.92	8.95	8.90
1968	8.48	8.37	8.43	8.63	8.59	8.58	8.89	9.00	9.13	8.97	8.58	8.36	8.67
1969	8.44	8.63	8.59	8.73	8.72	8.89	8.83	9.23	9.00	9.20	8.65	8.54	8.79
1970	8.24	8.28	8.76	8.93	9.04	9.10	8.96	9.33	9.33	9.50	8.76	8.81	8.92
1971	8.66	8.65	8.61	8.78	8.79	8.59	8.85	9.03	9.38	9.25	9.21	9.10	8.91
1972	8.84	8.45	8.76	8.99	9.25	9.24	9.19	8.99	9.36	9.39	9.08	8.86	9.03
1973	8.93	8.84	9.30	9.30	9.13	9.12	8.96	9.28	9.53	9.44	9.29	8.86	9.16
1974	8.82	8.71	8.70	9.02	9.23	9.19	9.01	9.10	9.49	9.31	8.92	8.72	9.02
1975	8.71	9.06	9.07	9.11	9.29	9.27	9.39	9.69	9.77	9.42	9.31	9.08	9.26
1976	8.40	8.39	8.74	8.96	9.14	9.29	8.91	8.98	9.17	8.92	8.63	8.67	8.85
1977	8.37	8.32	8.75	8.92	9.13	8.95	8.94	9.36	9.65	9.06	9.14	8.65	8.94
1978	8.40	8.50	8.59	8.78	9.12	9.13	9.05	9.07	9.33	9.18	9.14	8.68	8.91
1979	8.44	8.54	8.98	9.20	9.01	9.02	9.34	9.26	9.67	9.17	8.87	8.65	9.01
1980	8.73	8.60	8.80	9.06	9.11	8.98	8.99	9.10	9.23	8.77	8.89	8.59	8.90
1981	8.35	8.71	8.64	8.86	9.06	8.99	9.05	9.16	9.09	8.95	9.02	8.56	8.87
1982	8.48	8.68	8.79	8.73	8.89	8.98	8.83	9.02	9.21	9.29	9.12	9.20	8.94
1983	8.81	8.96	9.12	9.13	9.28	9.23	9.10	9.12	9.25	9.30	9.20	8.72	9.10
1984	8.63	8.56	8.70	8.94	9.02	9.17	9.30	9.24	9.42	9.49	9.18	9.02	9.06
1985	8.57	8.66	8.82	8.89	9.07	9.00	9.00	9.57	9.55	9.68	9.31	8.80	9.08
1986	8.59	8.84	8.70	9.02	9.35	9.23	8.90	8.98	9.50	9.51	9.39	8.90	9.08

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8761720

GRAND ISLE, LA 26 16.5N 89 57.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1947	4.78	4.53	4.80	4.95	5.15	5.16	4.89	5.25	5.33	5.28	5.33	5.04	5.04
1948	4.63	4.65	5.37	5.30	5.20	5.05	5.19	5.28	5.69	5.46	5.31	4.85	5.16
1949	4.78	4.94	4.98	4.98	5.13	5.14	5.15	5.00	5.56	5.75	4.88	4.94	5.10
1950	5.23	5.06	5.00	5.11	5.01	4.99	5.05	5.37	5.47	5.37	4.80	4.70	5.10
1951	4.64	4.61	4.95	4.90	4.86	4.90	4.94	5.01	5.32	5.23	4.84	5.00	4.93
1952	4.92	4.92	5.00	4.81	5.08	4.94	5.11	4.94	5.36	4.87	4.75	4.73	4.95
1953	4.44	4.67	4.82	4.93	5.15	5.37	4.92	5.09	5.38	5.17	4.85	4.70	4.96
1954	4.61	4.71	4.64	4.86	5.12	4.84	4.72	4.88	5.44	5.25	4.76	4.37	4.85
1955	4.55	4.76	4.65	5.03	5.06	5.05	5.18	5.12	5.39	5.21	5.04	4.75	4.98
1956	4.52	4.78	4.83	4.89	5.08	5.07	4.86	4.94	5.50	5.32	5.00	4.51	4.94
1957	4.55	4.98	4.85	5.20	5.36	5.59	5.21	5.28	5.69	5.52	5.40	4.81	5.20
1958	4.79	4.50	4.83	5.02	5.12	5.26	5.18	5.22	5.77	5.72	5.34	4.88	5.14
1959	4.71	4.81	4.87	5.02	5.28	5.31	5.08	5.34	5.49	5.49	5.03	4.83	5.10
1960	5.02	4.96	4.86	4.98	5.06	5.22	5.17	5.39	5.56	5.37	5.07	4.95	5.13
1961	4.66	4.90	5.22	5.08	5.23	5.21	5.44	5.54	6.07	5.60	5.53	5.39	5.32
1962	4.74	4.92	5.21	5.14	5.22	5.26	4.99	5.33	5.58	5.34	5.03	4.76	5.13
1963	4.89	4.64	4.91	5.17	5.01	5.11	4.97	5.05	5.64	5.44	5.29	4.68	5.07
1964	4.53	4.66	4.97	5.05	5.30	5.12	5.03	5.31	5.60	5.45	5.23	5.10	5.11
1965	4.94	5.02	4.87	5.10	5.27	5.41	5.16	5.43	6.13	5.74	5.63	5.33	5.34
1966	5.30	5.15	5.17	5.26	5.68	5.35	5.24	5.28	5.56	5.52	5.20	5.08	5.32
1967	5.01	5.06	5.07	5.48	5.45	5.75	5.39	5.61	5.74	5.49	5.47	5.40	5.41
1968	5.11	5.04	4.92	5.27	5.24	5.22	5.40	5.49	5.72	5.56	5.14	4.95	5.26
1969	5.20	5.39	5.35	5.45	5.54	5.55	5.38	5.77	5.74	6.00	5.33	5.17	5.49
1970	4.94	4.92	5.42	5.63	5.88	5.71	5.62	5.86	6.06	6.17	5.38	5.52	5.59
1971	5.43	5.35	5.27	5.40	5.42	5.23	5.42	5.63	6.24	6.07	5.92	5.86	5.60
1972	5.66		5.49							6.33	6.00	5.72	
1973	5.71	5.52	5.96	5.98	5.84	5.84	5.62	5.91	6.32	6.29	6.12	5.68	5.90
1974	5.70	5.50	5.62	5.98	6.24	5.99	5.72	5.84	6.38	6.18	5.82	5.53	5.88
1975	5.64	5.83	5.88	5.98	6.14	6.13	6.03	6.17	6.56	6.08	6.11	5.83	6.03
1976													
1977								6.16	6.52	6.01	6.00	5.59	
1978	5.34	5.30	5.33	5.72	6.02	5.97	5.81	5.91	6.24	6.17	6.05	5.70	5.80
1979	5.40	5.51	5.79	6.27	6.14	6.01	6.20	6.17	6.59	6.10	5.86	5.64	5.97
1980	5.77	5.70	5.70	6.00	6.08	5.89	5.84	6.09	6.25	5.81	5.86	5.60	5.88
1981	5.31	5.58	5.58	5.84	6.11	6.14	6.02	6.12	6.08	6.05	6.05	5.68	5.88
1982	5.58	5.70	5.88	5.90	6.01	6.05	5.79	5.96	6.29	6.34	6.17	6.29	6.00
1983	6.06	6.06	6.11	6.05	6.37	6.43	6.16	6.09	6.32	6.41	6.32	5.93	6.19
1984	5.78	5.68	5.80	5.98	6.24	6.28	6.22	6.34	6.60	6.59	6.35	6.24	6.18
1985	5.80	5.73	5.99	6.11	6.20	6.10	5.96	6.37	6.69	6.92	6.43	5.93	6.19
1986	5.72	5.88	5.72	6.09	6.41	6.34	5.95	6.04	6.53	6.68	6.54	6.09	6.17

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8764311

EUGENE ISLAND,LA 29 22.3N 91 23.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1939						2.58	2.13	2.20	2.43	2.58	2.23	1.76	
1940	1.28	1.49	1.90	2.06	2.14	2.32	2.22	2.28	2.66	2.55	2.21	2.18	2.11
1941	2.01	1.82	1.72	2.21	2.46	2.34	2.26	2.08	3.16	2.89	2.41	2.35	2.31
1942	1.84	2.02	2.11	2.54	2.60	2.62	2.42	2.64	2.81	2.64	2.44	2.07	2.40
1943	1.96	2.05	2.28	2.58	2.87	2.85	2.31	2.49	2.94	2.82	2.32	2.14	2.47
1944	2.00	2.08	2.49	2.80	3.14	2.94	2.58	2.59	2.88	2.65	2.59	1.90	2.55
1945	1.92	2.04	2.49	3.12	3.00	3.06	2.73	2.81	3.02	3.02	2.53	2.13	2.66
1946	2.15	2.29	2.53	2.56	2.86	2.92	2.40	2.56	3.02	3.01	2.95	2.52	2.65
1947	2.35	2.16	2.32	2.62	2.85	2.86	2.56	2.90	2.89	2.88	2.83	2.52	2.64
1948	2.09	2.28	3.01	3.04	2.93	2.75	2.87	2.85	3.17	3.02	2.82	2.42	2.77
1949	2.44	2.69	2.84	2.70	2.94	2.97	2.85	2.65	3.12	3.48	2.64	2.60	2.83
1950	3.00	2.89	2.90	2.99	2.89	2.79	2.83	3.05	3.05	2.96	2.42	2.36	2.84
1951	2.39	2.35	2.74	2.70	2.70	2.68	2.65	2.68	2.99	2.92	2.49	2.65	2.66
1952	2.68	2.67	2.82	2.62	2.83	2.76	2.99	2.71	3.08	2.44	2.29	2.29	2.68
1953	2.16	2.30	2.61	2.77	3.01	3.14	2.69	2.81	3.03	2 84	2.48	2.23	2.67
1954	2.26	2.38	2.42	2.66	2.90	2.63	2.45	2.61	3.07	2.90	2.40	1.90	2.55
1955	2.18	2.64	2.57	2.90	2.98	2.87	3.00	2.82	3.06	2.86	2.61	2.32	2.73
1956	2.17	2.44	2.75	2.84	2.99	3.03	2.73	2.84	3.29	3.12	2.83	2.37	2.78
1957	2.47	2.86	2.81	3.13	3.32	3.61	2.94	3.11	3.32	3.21	3.09	2.73	3.05
1958	2.71	2.45	2.75	2.93	3.04	3.24	3.13	3.10	3.61	3.39	3.11	2.60	3.00
1959	2.50	2.65	2.77	2.96	3.30	3.22	2.98	3.14	3.33	3.27	2.78	2.62	2.96
1960	2.71	2.79	2.66	3.00	3.01	3.14	3.02	3.27	3.35	3.16	2.83	2.74	2.97
1961	2.40	2.82	3.13	3.16	3.17	3.12	3.11	3.25	3.75	3.41	3.28	3.16	3.15
1962	2.61	3.02	3.14	3.21	3.27	3.24	2.87	3.28	3.44	3.16	2.91	2.61	3.06
1963	2.61	2.33	2.80	3.20	2.96	3.06	2.94	2.88	3.37	3.22	2.94	2.31	2.88
1964	2.30	2.36	2.82	3.09	3.16	3.01	2.96	3.24	3.40	3.18	2.98	2.88	2.95
1965	2.77	2.78	2.76	3.13	3.33	3.30	3.09	3.22	3.74	3.36	3.31	3.27	3.17
1966	3.11	3.23	3.25	3.25	3.51	3.22	3.15	3.13	3.39	3.18	2.97	2.87	3.19
1967	2.80	2.84	2.90	3.40	3.36	3.64	3.33	3.45	3.56	3.30	3.32	3.16	3.26
1968	2.96	2.86	2.75	3.41	3.24	3.27	3.29	3.42	3.57	3.38	3.11	2.88	3.18
1969	2.95	3.11	3.05	3.20	3.30	3.38	3.13	3.47	3.31	3.62	2.95	2.92	3.20
1970	2.65	2.71	3.14	3.57	3.66	3.58	3.32	3.56	3.71	3.78	3.09	3.19	3.33
1971	3.10	3.13	3.08	3.29	3.11	3.00	2.88						
1972													
1973													
1974	3.55	3.32	3.52	3.89	4.14	3.73	3.50	3.60	4.00	3.80	3.51	3.40	3.66

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8770590

SABINE PASS,TX 29 42.3N 93 51.2W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1958						5.28	5.19	4.96	6.01	5.86	5.39	4.78	
1959	4.60	4.96	4.75	5.11	5.54							4.86	
1960	4.86	4.80	4.88	5.05	4.97	5.11	4.92	5.29	5.38	5.23	5.06	5.09	5.05
1961	4.84	4.90	5.24	5.04	5.21	5.13	5.37	5.43	6.42	5.53	5.47	5.26	5.32
1962	4.51	5.00	5.11	5.21	5.40	5.21	4.68	5.09	5.51				
1963	4.77	4.47	4.78	5.10	4.78	4.89	4.74	4.61	5.62	5.35	5.12	4.49	4.89
1964	4.26	4.31	4.85	5.10	5.26	5.00	4.74	5.03	5.47	5.13	5.00	5.04	4.93
1965	4.64	4.82	4.50	4.84	5.24	5.18	4.83	5.13	6.08	5.65	5.66	5.43	5.17
1966	4.93	5.03	4.73	5.10	5.50	5.27	5.06	5.14	5.36	5.27	5.01	4.79	5.10
1967	4.81	4.83	4.98	5.60	5.53	5.63	5.33	5.55	5.86	5.54	5.43	5.35	5.37
1968	5.10	4.80	4.71	5.26	5.24	5.35	5.32	5.46	5.66	5.43	4.97	4.90	5.18
1969	5.14	5.25	5.21	5.55	5.58	5.51	5.11	5.47	5.59	5.89	4.92	4.77	5.33
1970	4.60	4.69	5.20	5.53	5.71	5.17	5.03	5.29	5.70	5.76	5.01	5.20	5.24
1971										5.80	5.80	5.93	
1972	5.69	5.24	5.36	5.77	5.80	5.84	5.83	5.46	6.06	6.12	5.65	5.50	5.69
1973		5.45	5.98	6.09	5.93	5.96	5.61						
1974	6.07	5.68	6.01	6.37	6.55	6.24	5.73	5.91	6.24	6.17	5.60	5.33	5.99
1975	5.56	5.63	5.88	6.04	6.16	6.03	5.71	5.90	6.25	5.86	5.86	5.54	5.87
1976	5.05	4.78	5.53	5.57	5.79	5.90	5.46	5.47	5.65			5.05	
1977	5.04	5.05	5.54	5.53	5.96	5.60	5.41	5.87	6.17	5.71	5.73	5.44	5.59
1978	5.12	5.06	4.89	5.43	5.69	5.71	5.42	5.50	5.87	5.81	5.70	5.36	5.46
1985					5.66								

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8771450
GALVESTON(PIER 21), TX 29 18.8N 94 47.2W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1908					3.63	4.04	3.57	3.33	4.19	3.89	3.32	2.96	
1909	3.21	2.78	3.14	3.32	3.71	3.53	3.24	3.58	3.97	3.94	3.92	3.43	3.48
1910	3.03	3.06	2.91	2.79	3.18	3.08	3.08	3.20	4.07	4.04	3.27	2.97	3.22
1911	2.82	3.14	3.24	3.75	3.72	3.04	3.10	3.26	3.72	3.74	3.41	3.31	3.35
1912	3.15	2.96	3.34	3.70	3.73	4.13	3.49	3.38	3.50	3.88	3.46	3.40	3.51
1913	2.97	3.54	3.64	3.74	4.05	3.91	3.30	3.69	4.12	3.69	3.48	3.45	3.63
1914	3.17	3.19	2.88	3.53	4.20	3.64	3.31	3.64	4.02	3.90	3.78	3.59	3.57
1915	3.09	3.40	3.22	3.33	3.59	3.34	3.41	3.39	3.89	4.00	3.41	3.35	3.45
1916	3.54	3.13	3.23	3.45	3.70	3.43	3.21	3.71	3.89	4.01	3.58	3.04	3.49
1917	2.86	2.84	3.35	3.42	3.60	3.47	3.16	3.03	3.75	3.54	2.89	3.07	3.25
1918	2.59	2.89	3.11	3.52	3.86	3.40	3.31	3.26	3.59	3.76	3.43	3.29	3.33
1919	3.10	3.33	3.63	3.53	3.63	4.15	3.44	3.23	4.42	4.17	4.13	3.58	3.70
1920	3.52	3.46	3.24	3.50	3.67	3.70	3.51	3.59	3.71	4.19	3.61	3.37	3.59
1921	3.43	3.40	4.20	4.54	4.49	4.44	3.82	3.83	4.33	3.92	3.45	3.22	3.92
1922	3.30	3.51	3.49	4.14	3.93	3.87	3.47	3.34	4.04	4.02	4.03	3.52	3.72
1923	3.38	3.54	3.79	4.04	4.17	4.23	3.54	3.20	3.72	4.46	3.71	3.53	3.78
1924	3.53	3.11	3.50	3.28	3.21	3.53	3.53	3.28	3.98	4.20	3.48	3.31	3.50
1925	3.05	3.11	3.41	3.51	3.51	3.61	3.10	3.41	3.85	3.83	4.01	3.31	3.48
1926	3.11	2.78	3.38	3.54	3.46	3.33	3.21	3.61	4.17	4.06	3.41	3.88	3.50
1927	3.44	3.68	3.66	4.07	4.01	3.88	3.72	3.59	3.92	3.91	3.85	3.57	3.78
1928	3.14	3.22	3.23	3.56	3.62	3.70	3.38	3.60	4.39	3.94	3.67	3.49	3.58
1929	3.49	3.67	3.80	4.21	4.20	4.18	4.10	4.01	4.44	4.20	3.88	3.68	3.99
1930	3.60	3.65	3.62	3.73	4.16	3.80	3.34	3.58	3.87	4.24	3.52	3.19	3.69
1931	3.11	3.42	3.02	3.34	3.21	3.34	3.49	3.52	3.88	4.12	3.81	3.64	3.49
1932	3.86	4.02	3.40	3.45	3.69	3.66	3.60	3.85	4.21	3.93	3.40	3.66	3.73
1933	3.52	3.78	3.75	3.90	4.18	3.83	3.90	4.14	4.44	4.29	3.72	3.45	3.91
1934	3.60	3.37	3.39	3.66	3.63	3.63	3.50	3.54	3.91	4.06	3.91	3.37	3.63
1935	3.30	3.32	3.50	3.53	4.19	4.00	3.87	3.73	4.08	4.34	3.98	3.62	3.79
1936	3.31	3.64	3.44	3.51	4.34	4.14	3.81	4.05	4.17	4.07	3.59	3.51	3.80
1937	3.95	3.99	3.97	3.78	3.85	3.88	3.96	3.94	4.21	4.22	3.81	3.53	3.92
1938	3.22	3.44	3.98	3.88	4.17	3.73	3.58	4.24	4.30	4.42	3.93	3.67	3.88
1939	3.45	3.70	3.79	3.84	3.91	3.99	3.55	3.47	3.96	4.31	4.03	3.30	3.78
1940	2.95	2.89	3.32	3.45	3.52	3.77	3.61	3.65	4.46	4.29	4.17	4.09	3.68
1941	3.76	3.52	3.48	3.96	4.14	4.00	3.79	3.63	5.09	4.70	4.08	4.11	4.02
1942	3.46	3.75	3.40	4.21	4.30	4.15	4.00	4.31	4.58	4.31	4.22	3.68	4.03
1943	3.59	3.55	3.99	4.16	4.33	4.38	3.78	3.92	4.53	4.39	4.04	3.82	4.04
1944	3.71	3.82	4.16	4.43	4.74	4.49	4.00	4.02	4.47	4.36	4.31	3.54	4.17
1945	3.65	3.68	4.11	4.82	4.36	4.51	4.19	4.44	4.74	4.82	4.32	3.85	4.29
1946	3.81	3.85	4.05	3.98	4.61	4.61	3.73	4.02	4.72	4.91	4.94	4.32	4.30
1947	3.99	3.76	3.83	4.18	4.32	4.30	4.04	4.56	4.47	4.52	4.57	4.24	4.23
1948	3.83	3.95	4.57	4.55	4.46	4.12	4.26	4.31	4.89	4.76	4.29	3.97	4.33
1949	3.99	4.32	4.58	4.26	4.50	4.37	4.16	4.08	4.84	5.20	4.05	4.50	4.40
1950	4.57	4.35	4.43	4.68	4.42	4.34	4.18	4.47	4.79	4.81	4.08	3.90	4.42
1951	3.86	3.81	4.02	3.95	4.22	4.01	3.94	4.00	4.54	4.64	4.08	4.25	4.11

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8771450
GALVESTON(PIER 21), TX 29 18.8N 94 47.2W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1952	4.21	3.96	4.32	4.02	4.25	4.14	4.42	4.06	4.79	4.15	4.10	3.93	4.20
1953	3.42	3.97	4.10	4.33	4.59	4.61	4.11	4.20	4.66	4.57	4.10	3.89	4.21
1954	3.81	3.72	3.91	4.11	4.37	4.07	3.20	4.00	4.76	4.64	4.00	3.41	4.00
1955	3.66	4.02	3.92	4.28	4.29	4.24	4.30	4.20	4.80	4.46	4.40	4.00	4.21
1956	3.80	3.91	4.06	4.24	4.35	4.27	3.69	3.97	4.70	4.54	4.08	3.55	4.10
1957	3.78	4.07	3.87	4.50	4.78	4.88	4.17	4.43	4.89	4.86	4.71	3.94	4.41
1958	4.00	3.81	4.03	4.24	4.36	4.41	4.33	4.16	5.19	5.18	4.70	4.13	4.38
1959	3.98	4.22	4.03	4.34	4.73	4.60	4.31	4.62	4.81	4.80	4.19	4.01	4.39
1960	4.11	4.01	4.07	4.22	4.29	4.32	4.19	4.50	4.76	4.58	4.45	4.36	4.32
1961	3.85	4.00	4.34	4.17	4.48	4.37	4.50	4.65	5.80	4.88	4.80	4.46	4.52
1962	3.70	4.21	4.40	4.43	4.52	4.48	3.97	4.33	4.78	4.53	4.24	4.06	4.30
1963	4.02	3.72	4.05	4.32	4.15	4.15	4.03	3.96	4.78	4.68	4.45	3.74	4.17
1964	3.55	3.65	4.02	4.18	4.48	4.25	4.02	4.33	4.88	4.57	4.42	4.35	4.22
1965	3.91	4.16	3.77	4.27	4.62	4.61	4.15	4.46	5.19	4.89	4.89	4.65	4.46
1966	4.30	4.18	3.98	4.46	4.90	4.51	4.27	4.29	4.60	4.67	4.27	4.05	4.37
1967	4.01	4.09	4.26	4.73	4.74	4.84	4.41	4.60	4.98	4.64	4.58	4.42	4.52
1968	4.20	4.14	3.97	4.50	4.53	4.55	4.58	4.70	5.03	4.80	4.35	4.09	4.45
1969	4.35	4.47	4.31	4.55	4.66	4.69	4.25	4.63	4.78	5.21	4.24	4.07	4.52
1970	3.94	3.86	4.33	4.64	4.88	4.47	4.37	4.66	5.04	5.06	4.20	4.47	4.49
1971	4.38	4.21	4.12	4.50	4.48	4.18	4.16	4.29	5.22	4.94	5.04	4.95	4.54
1972	4.78	4.19	4.53	5.00	4.92	4.98	4.97	4.60	5.23	5.22	4.94	4.65	4.83
1973	4.56	4.53	5.08	5.08	4.89	4.99	4.43	4.80	5.45	5.44	5.24	4.49	4.92
1974	4.68	4.24	4.71	5.17	5.35	4.95	4.45	4.67	5.16	5.30	4.91	4.47	4.84
1975	4.67	4.72	5.01	5.26	5.33	5.16	4.82	5.00	5.62	5.10	5.09	4.74	5.04
1976	4.21			4.86	4.68	5.01	4.63						
1977	4.16	4.18	4.71	4.69	5.09	4.78	4.59	5.03	5.35	5.03	4.87	4.60	4.76
1978	4.34	4.32	4.14	4.69	4.95	4.94	4.57	4.65	5.26	5.22	5.08	4.67	4.74
1979	4.23			5.34					5.81	5.01	4.79	4.58	
1980	4.68	4.69	4.68	4.62	5.01	4.65	4.52	5.04	5.11	4.75	4.67	4.38	4.73
1981	4.27	4.35	4.31	4.82	5.07	5.13	4.82	4.91	5.08	5.13	4.94	4.71	4.80
1982	4.41	4.48	4.75	4.99	5.06	4.76	4.40	4.57	5.19	5.34	5.25	5.22	4.87
1983	4.92	4.90	4.92	4.85	5.34	5.25	5.03	5.10	5.42	5.42	5.16	4.67	5.08
1984											5.34	5.15	
1985	4.53	4.61	5.00	5.16	4.98	4.96	4.61	4.90	5.68	5.32	5.32	4.81	4.99
1986	4.66	4.76	4.64	5.14	5.36	5.18	4.56	4.68	5.39	5.57	5.43	5.07	5.04

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8771510

GALVESTON PL PIER,TX 29 17.2N 94 47.4W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1957									4.25	4.20	4.04	3.34	
1958	3.26	3.17	3.33	3.63	3.69	3.77	3.77	3.54	4.55	4.52	4.04	3.41	3.72
1959	3.14	3.38	3.29	3.48	4.19	4.19	3.78	3.99	4.11	4.16	3.59	3.35	3.72
1960	3.38	3.32	3.45	3.68	3.69	3.77	3.58	3.84	4.14	3.99	3.87	3.75	3.70
1961	3.22	3.39	3.70	3.63	3.86	3.60	3.67	4.03	5.08	4.24	4.16	3.90	3.87
1962	3.10	3.60	3.80	3.86	4.04	3.99	3.42	3.79	4.19	3.91	3.53	3.37	3.72
1963	3.46	3.21	3.46	3.70	3.56	3.50	3.44	3.40	4.17	4.10	3.85	3.26	3.59
1964	2.89	2.94	3.37	3.56	3.72	3.44	3.20	3.52	4.07	3.91	3.64	3.55	3.48
1965	3.20								4.65	4.33	4.27	4.04	
1966	3.77	3.61	3.51	3.90	4.17	3.92	3.70	3.81	4.18	4.21	3.69	3.55	3.84
1967	3.54	3.70	4.03	4.33	4.51	4.36	3.77	3.97	4.34	4.04	3.97	3.82	4.03
1968	3.58	3.49	3.42	3.90	3.97	3.85	3.79	4.01	4.32	4.16	3.64	3.43	3.80
1969	3.68	3.89	3.60	3.86	4.00	4.02	3.63	4.07	4.19	4.67	3.66	3.51	3.90
1970	3.41	3.38	3.80	4.11	4.38	3.93	3.89	4.19	4.60	4.62	3.79	4.25	4.03
1971	4.19	4.11	3.96	4.27	4.24	3.91	3.92	4.08	5.01	4.77	4.86	4.63	4.33
1972	4.44	4.03	4.36	4.67	4.23	4.28	4.23	3.85	4.50	4.68	4.17	3.94	4.28
1973	3.92	3.92	4.49	4.43	4.27	4.27	3.77	4.13	4.63	4.60	4.43	3.71	4.21
1974													
1975													
1976													
1977													
1978	3.63	3.64	3.46	4.08	4.30	4.22	3.93	4.07	4.62	4.53	4.34	3.88	4.06
1979	3.36	3.73	3.86	4.36	4.29	4.30	4.37	4.23	4.91	4.26	4.00	3.86	4.13
1980	3.93	3.94	3.81	3.82	4.21	3.68	3.58	4.21	4.23	3.70	3.85	3.67	3.89
1981	3.56	3.61	3.62	4.13	4.44	4.41	4.18	4.27	4.43	4.46	4.19	3.98	4.11
1982	3.65	3.85	4.21	4.34	4.37	4.01	3.76	3.92	4.57	4.68	4.59	4.50	4.20
1983	4.26	4.25	4.24	4.18	4.72	4.70	4.43	4.39	4.72	4.73	4.47	3.94	4.42
1984	3.86	3.64	3.76	4.02	4.40	4.42	4.19	4.35	4.92	5.12	4.71	4.67	4.34
1985	3.92	3.94	4.27	4.43	4.33	4.28	4.07	4.32	5.08	4.70	4.62	4.05	4.33
1986	3.85	3.94	4.02	4.59	4.84	4.58	3.96	4.13	4.88	5.01	4.79	4.50	4.42

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8772440
FREEPORT HARBOR,TX 28 56.8N 95 18.5W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1954					3.77	3.49	3.14	3.46	4.18	4.07	3.45	2.89	
1955	3.14	3.47	3.32	3.70	3.71	3.66	3.73	3.64	4.27	3.95	3.91	3.42	3.66
1956	3.26	3.36	3.53	3.71	3.85	3.78	3.18	3.48	4.15	4.04	3.60	3.03	3.58
1957	3.26	3.59	3.42	4.02	4.26	4.31	3.69	3.90	4.36	4.38	4.25	3.46	3.91
1958	3.50	3.36	3.57	3.75	3.83	3.87	3.79	3.62	4.67	4.74	4.24	3.69	3.89
1959	3.52	3.77	3.55	3.83	4.20	4.05	3.73	4.04	4.27	4.35	3.81	3.57	3.89
1960	3.70	3.52	3.59	3.70	3.74	3.79	3.61	3.91	4.25	4.10	4.04	3.84	3.82
1961	3.44	3.51	3.78	3.65	4.00	3.82	3.96	4.18	5.22	4.44	4.38	4.04	4.04
1962	3.23	3.80	3.94	3.93	4.02	3.95	3.45	3.81	4.28	4.05	3.81	3.61	3.82
1963	3.57	3.33	3.60	3.74	3.66	3.70	3.53	3.49	4.32	4.23	4.06	3.37	3.72
1964	3.11	3.16	3.49	3.73	3.97	3.67	3.47	3.79	4.33	4.17	3.93	3.84	3.72
1965	3.44	3.66	3.22	3.78	4.14	4.04	3.60	3.90	4.68	4.47	4.40	4.15	3.96
1966	3.95	3.68	3.61	3.92	4.31	4.11	3.87	3.85	4.11		3.91	3.59	
1967	3.43	3.64	3.76	4.25	4.27	4.33	3.83	4.10	4.57	4.29	4.43	4.14	4.09
1968	3.94	3.76	3.57	4.03	4.06	4.06	4.16	4.22	4.57	4.43	3.89	3.67	4.03
1969	4.03	4.18	3.98	4.14	4.26	4.28	3.83	4.24	4.44	4.90	3.91	3.71	4.16
1970	3.63	3.56	4.01	4.27	4.52	4.10	4.04	4.34	4.75	4.81	3.90	4.21	4.18
1971	4.10	3.97	3.85	4.19	4.16	3.84	3.82	4.03	4.97	4.74	4.79	4.62	4.26
1972	4.52	4.00	4.39	4.80	4.83	4.84	4.84	4.47	5.04	5.26	4.84	4.51	4.70
1973	4.55	4.51	4.96	4.96	4.72	4.77	4.24	4.66	5.34	5.35	5.12	4.35	4.79
1974	4.58	4.18	4.64	5.03	5.26	4.89	4.37	4.57	5.12	5.35	4.90	4.38	4.77
1975	4.59	4.64	4.89	5.17	5.21	5.05	4.75	4.92	5.49	5.09	5.06	4.73	4.97
1976	4.19	3.85	4.56	4.80	4.63	4.93	4.52	4.49	4.77	4.62	4.38	4.28	4.50
1977	4.13	4.11	4.57	4.55	4.98	4.62	4.43	4.86	5.22	4.93	4.76	4.50	4.64
1978	4.37	4.33	4.13	4.58	4.86	4.83	4.46	4.28	5.16	5.09	4.98	4.58	4.64
1979	4.13	4.42	4.51	5.07	4.92	4.91	4.97	4.94	5.72	4.96	4.79	4.48	4.82
1980	4.63	4.64	4.65	4.60	4.87	4.57	4.40	4.90	5.00	4.68	4.66	4.38	4.66
1981	4.23	4.29	4.25	4.70	5.01	5.04	4.83	4.84	5.04	5.10	4.87	4.66	4.74
1982	4.35	4.47	4.80	4.92	4.96	4.61	4.33	4.49	5.08	5.26	5.16	5.09	4.79
1983	4.84	4.88	4.82	4.74	5.20	5.08	4.92	4.94	5.36	5.37	5.09	4.64	4.99
1984							7.68	4.82	5.43	5.60	5.21	5.07	
1985	4.44	4.53	4.87	4.93	4.83	4.76	4.44	4.75	5.49	5.32	5.27	4.72	4.86
1986	4.52	4.61	4.50	5.00	5.23	4.98	4.41	4.52	5.25	5.52	5.33	5.03	4.91

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8774770

ROCKPORT,TX 28 01.3N 97 02.8W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1948	5.40	5.33	5.98	5.98	5.97	5.59	5.68	5.70	6.43	6.21	5.80	5.44	5.79
1949	5.34	5.65	5.95	5.74	6.04	5.81	5.62	5.45	6.12	6.58	5.59	5.87	5.81
1950	5.97	5.74	5.85	6.19	5.97	5.71	5.49	5.69	6.15	6.26	5.51	5.22	5.81
1951	5.26	5.28	5.53	5.48	5.83	5.51	5.43	5.42	5.99	6.14	5.59	5.67	5.59
1952	5.61	5.35	5.76	5.58	5.69	5.68	5.75	5.44	6.23	5.70	5.65	5.53	5.66
1953	4.91	5.42	5.54	5.76	6.00	5.97	5.60	5.55	6.15	6.11	5.73	5.35	5.67
1954	5.23	5.17	5.33	5.62	5.85	5.64	5.12						
1963					5.58	5.62	5.42	5.38	5.97	6.04	5.89	5.11	
1964	4.93	4.96	5.33	5.63	5.90	5.61	5.28	5.64	6.13	5.99	5.80	5.59	5.57
1965	5.31	5.54	5.08	5.75	6.14	6.01	5.47	5.77	6.47	6.29	6.17	6.09	5.84
1966	5.71	5.45	5.44	5.80	6.24	5.90	5.70	5.62	5.91	6.00	5.72	5.43	5.74
1967	5.34	5.34	5.52	6.04	6.11	6.29	5.76	5.92	6.48	6.29	5.99	5.81	5.91
1968	5.60	5.59	5.31	5.85	6.17	6.01	6.08	6.00	6.39	6.34	5.76	5.58	5.89
1969	5.60	5.95	5.70	5.89	6.09	6.00	5.59	5.96	6.22	6.54	5.67	5.44	5.89
1970	5.25	5.22	5.64	5.96	6.31	5.92	5.78	6.00	6.31	6.46	5.54	5.87	5.86
1971	5.74	5.61	5.53	5.91	5.90	5.61	5.48	5.73	6.84	6.60	6.50	6.25	5.98
1972	5.96	5.61	5.83	6.31	6.56	6.44	6.30	5.95	6.41	6.69	6.20	5.77	6.17
1973	5.85	5.79	6.27	6.42	6.13	6.34	5.78	6.20	6.66	6.99	6.60	5.82	6.24
1974	5.84	5.60	5.97	6.42	6.71	6.27	5.84	5.84	6.38	6.67	6.34	5.72	6.13
1975	5.84	6.02	6.21	6.58	6.65	6.43	6.14	6.16	6.86	6.40	6.46	6.10	6.32
1976	5.54	5.20	5.95	6.28	6.08	6.36	6.06	5.82	6.15	6.04	5.81	5.62	5.91
1977					6.53	6.08	5.84			6.23	5.98	5.76	
1978	5.57	5.50	5.41	5.91	6.27	6.21	5.79	5.86	6.53	6.55	6.30	5.87	5.98
1979	5.53	5.68					6.22	6.18	7.07	6.24	6.09		
1980				5.80	6.13	5.90	5.64	6.35	6.24	5.94	5.87	5.60	
1981	5.45	5.61	5.53	5.98	6.31	6.38	6.14	6.05	6.28	6.31	6.25	5.87	6.01
1982	5.61	5.71	6.01	6.20	6.27	5.90	5.55	5.69	6.18	6.47	6.34	6.17	6.01
1983	6.01	5.98	6.11	5.99	6.51	6.38	6.27	6.08	6.54	6.78	6.39	5.79	6.24
1984								6.10	6.60	6.76	6.48	6.42	
1985												6.00	
1986											6.48	6.22	

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8779750

PADRE ISLAND,TX 26 04.1N 97 09.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1958						2.25	2.16	2.16			3.07	2.56	
1959	2.40	2.43	2.36	2.57	2.51	2.44	2.13	2.38	2.66	2.77	2.48	2.16	2.44
1960	2.36	2.21	2.24	2.20	2.18	2.13	2.18	2.44	2.84	2.65	2.58	2.49	2.38
1961	2.11	2.17	2.35	2.28	2.39	2.19	2.30	2.56					
1962					2.25	2.26	2.03	2.34	2.76		2.55	2.30	
1963	2.21	1.88	2.11	2.24	2.14	2.14	1.98	2.04	2.77	2.80	2.62	2.11	2.25
1964	1.71	1.83	1.98	2.12	2.43	2.14	1.94	2.15	2.79	2.80	2.54	2.34	2.23
1965							2.12	2.40	3.02	2.90	2.91	2.78	
1966	2.55	2.25	2.19	2.31	2.70	2.33	2.18	2.18	2.64	2.84	2.46	2.20	2.40
1967	2.25	2.24	2.23	2.46	2.59	2.69	2.31	2.59	3.10	2.80	2.67	2.61	2.54
1968	2.30	2.33	2.09	2.34	2.33	2.23	2.27	2.40	2.87	2.88	2.50	2.23	2.40
1969	2.36	2.60	2.45	2.32	2.56	2.40	2.11	2.46	2.75	3.10	2.49	2.09	2.47
1970	2.04	1.98	2.26	2.17	2.65	2.30	2.22	2.49	2.75	3.03	2.25	2.44	2.38
1971	2.37	2.30	2.10	2.41	2.14	1.91	1.96	2.16	2.92	2.92	2.95	2.71	2.40
1972	2.50	2.16	2.28	2.52	2.82	2.80	2.68	2.39	2.92	3.27	3.09	2.56	2.67
1973	2.56	2.46	2.76	2.84	2.52	2.44	2.13	2.48	3.00	3.23	2.90	2.40	2.64
1974	2.39	2.23	2.47	2.83	2.97	2.59	2.20	2.38	2.99	3.25	2.97	2.44	2.64
1975	2.55	2.81	2.79	3.07	3.06	2.80	2.67	2.72	3.46	3.05	3.00	2.83	2.90
1976	2.32	1.96	2.52	2.59	2.57	2.67	2.28	2.17	2.46	2.54	2.43	2.40	2.41
1977	1.96	1.94	2.45	2.49	2.73	2.50	2.27	2.64	3.19	2.86	2.74	2.39	2.51
1978	2.34	2.18	1.98	2.29						3.20	2.88	2.55	
1983								2.49	2.99	3.33	3.01	2.57	
1984	2.67	2.41	2.33	2.34	2.82	2.67	2.55	2.63	3.18	3.15	3.12	2.97	2.74
1985	2.46	2.45	2.55	2.66	2.62	2.57	2.34	2.61	3.21	3.24	2.95	2.71	2.70
1986				2.66	2.91	2.62	2.22	2.35	2.82	3.11	3.16		

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 8779770

PORT ISABEL,TX 26 03.6N 97 12.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1944				4.40	4.58	4.44	4.05	4.01	4.62	4.52	4.37	3.74	
1945	3.80	3.74	3.90	4.50	4.17	4.09	3.94	4.23	4.44	4.88	4.14	3.97	4.15
1946	3.89	3.88	3.86	3.83	4.28	4.33	3.83	4.24	4.80	5.08	4.88	4.43	4.28
1947	4.05	4.08	4.02	4.23	4.30	4.11	3.95	4.45	4.58	4.67	4.82	4.50	4.31
1948	4.05	3.98	4.52	4.47	4.43	4.12	4.27	4.37	5.04	4.93	4.55	4.12	4.40
1949	4.08	4.24	4.43	4.34	4.33	4.20	4.01	3.94	4.67	5.04	4.14	4.44	4.32
1950	4.39	4.26	4.34	4.46	4.11	3.98	3.90	4.25	4.56	4.67	4.02	3.89	4.24
1951	3.86	3.80	4.15	4.00	4.13	3.89	3.83	3.97	4.37	4.64	4.23	4.28	4.10
1952	4.21	4.05	4.38	4.10	4.19	4.05	4.11	4.01	4.74	4.37	4.27	4.17	4.22
1953	3.55	4.02	3.98	4.16	4.34	4.34	3.93	3.96	4.57	4.63	4.32	3.98	4.15
1954	3.85	3.90	3.99	4.12	4.33	3.97	3.71	3.97	4.67	4.65	4.22	3.68	4.09
1955	3.75	3.96	3.85	4.05	4.03	4.11	4.11	4.03	4.72	4.50	4.39	4.17	4.14
1956	3.93	3.83	4.03	4.20	4.17	4.11	3.63	3.84	4.61	4.42	4.21	3.65	4.05
1957	3.71	4.07	3.97	4.34	4.37	4.45	4.02	4.25	4.66	4.73	4.68	3.97	4.27
1958	4.13	3.93	4.23	4.14	4.21	4.10	4.02	3.92	4.71	5.33	4.85	4.30	4.32
1959	4.09	4.17	4.08	4.27	4.37	4.34	3.89	4.21	4.45	4.66	4.27	3.97	4.23
1960	4.17	4.06	4.02	4.05	4.12	4.09	4.02	4.29	4.67	4.52	4.48	4.38	4.24
1961	3.98	4.05	4.21	4.15	4.21	4.05	4.17	4.43	5.31	4.91	4.91	4.65	4.42
1962	3.87	4.03	4.45	4.23	4.13	4.20	3.91	4.20	4.59	4.45	4.33	4.12	4.21
1963	4.12	3.73	3.96	4.08	3.98	3.94	3.83	3.87	4.59	4.63	4.43	3.97	4.09
1964	3.59	3.73	3.96	4.06	4.32	4.02	3.80	4.12	4.65	4.68	4.43	4.23	4.13
1965	4.00	4.18	3.88	4.15	4.21	4.21	3.97	4.28	4.96	4.93	4.74	4.63	4.34
1966	4.43	4.09	4.03	4.24	4.60	4.16	4.06	4.02	4.46	4.63	4.19	3.99	4.24
1967	4.04	4.01	4.08	4.22	4.45	4.51	4.16	4.43	4.90	4.70	4.57	4.51	4.38
1968	4.23	4.27	3.93	4.25	4.26	4.09	4.17	4.26	4.70	4.75	4.32	4.16	4.28
1969	4.24	4.54	4.37	4.28	4.49	4.29	3.95	4.34	4.61	4.98	4.34	4.02	4.37
1970	4.05	3.94	4.24	4.29	4.63	4.27	4.17	4.40	4.64	4.95	4.18	4.41	4.35
1971	4.34	4.28	4.09	4.37	4.20	3.95	3.99	4.17	4.92	4.95	4.99	4.74	4.42
1972	4.49	4.20	4.36	4.63	4.85	4.77	4.65	4.36	4.86	5.22	5.04	4.51	4.66
1973	4.56	4.49	4.75	4.79	4.50	4.39	4.11	4.41	4.91	5.16	4.89	4.37	4.61
1974	4.37	4.20	4.43	4.71									
1975													
1976	4.22	3.86	4.41	4.54	4.52	4.62	4.36	4.31	4.59	4.68	4.56	4.53	4.43
1977	4.03	4.01	4.35	4.43	4.63	4.43	4.25	4.57	5.03	4.77	4.58	4.38	4.46
1978	4.37	4.23	4.04	4.35	4.60	4.49	4.14	4.24	4.78	5.13	4.89	4.55	4.48
1979	4.46	4.44	4.56	4.89	4.66	4.51	4.48	4.51	5.51	4.66	4.75	4.41	4.65
1980	4.47	4.49	4.49	4.40	4.52	4.18	4.13	4.60	4.56	4.43	4.56	4.30	4.43
1981	4.17	4.26	4.17	4.39	4.69	4.55	4.34	4.51	4.69	4.64	4.60	4.40	4.45
1982	4.29	4.35	4.44	4.60	4.40	4.30	3.94	4.10	4.60	4.94	4.90	4.70	4.46
1983	4.58	4.59	4.64	4.46	4.80	4.67	4.47	4.37	4.81	5.13	4.79	4.46	4.65
1984					4.52								
1985							4.17	4.42	5.01	5.25	4.84	4.61	
1986	4.37	4.42	4.25	4.60	4.81	4.52	4.07	4.23	4.73	5.02	5.02	4.74	4.57

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 2695535

ST GEORGES,BERMUDA 32 22.2N 64 41.8W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1932											4.17	4.02	
1933	4.25	4.15	4.12	3.83	4.09	4.55	4.09	3.86	4.01	4.58	4.30	4.14	4.16
1934	4.11	4.05	3.78	3.99	4.23	3.88	4.30	4.81	4.57	4.12	4.16	4.44	4.20
1935	4.48	4.21	4.12	4.11	4.15	4.15	4.18	4.37	4.09	4.22	4.30	4.19	4.21
1936	4.07	3.93	3.88	3.87	3.83	3.95	4.35	4.23	4.17	4.52	4.53	4.25	4.13
1937	4.18	4.29	4.36	4.20	4.25								
1944	4.20	4.15	4.10	4.20	3.97	4.25	4.13	4.41	4.56	4.55	4.40	3.89	4.23
1945	3.86	4.08	3.62	3.65	4.04	4.22	4.19	4.31	4.76	5.32	4.57	3.93	4.21
1946	3.75	4.10	4.16	3.73	3.40	4.05	4.16	3.75	4.24	4.56	4.44	4.72	4.09
1947	4.35	4.38	4.20	3.87	3.99	4.43	4.26	4.64	4.59	4.52	4.72	4.52	4.37
1948	4.15	3.98	4.24	4.74	3.97	4.30	4.41	4.15	4.45	4.69	4.60	4.63	4.36
1949	4.37	4.06	4.34	4.19	4.10	4.35	4.58	4.69	4.68	4.56	4.22	3.92	4.34
1950	4.13	4.69	3.87	3.95	4.19	4.08	4.23	4.64	4.93	4.49	4.06	4.49	4.31
1951	4.37	4.12	4.20	4.47	4.54	4.34	4.10	4.33	4.52	4.12	4.23	4.46	4.32
1952	4.59	4.07	4.01	4.32	4.47	4.47	4.45	4.30	4.67	4.37	4.25	4.79	4.40
1953	4.20	3.95	4.17	4.30	4.25	4.28	4.44	4.64	4.42	4.67	5.11	4.65	4.42
1954	4.44	4.46	4.27	4.30	4.52	4.21	4.33	4.39	4.43	4.38	5.04	4.43	4.43
1955	4.35	4.50	4.65	4.41	4.43	4.61	4.50	4.93	5.21	5.40	4.97	4.48	4.70
1956	4.56	4.24	4.18	4.41	4.06	4.39	4.30	4.80	5.13	5.05	5.04	4.52	4.56
1957	4.02	4.38	4.41	4.03	4.06	4.30	4.57	4.79	4.95	5.37	5.43	4.54	4.57
1958	4.61	4.51	4.58	4.51	4.28	4.65	5.13	4.40	5.03	5.02	4.69	4.78	4.68
1959	4.19	4.37	4.62	4.10	4.50	4.89	4.92	4.80	3.85	4.36	4.70	4.17	4.46
1960	4.32	4.65	4.72	4.46	4.54	4.45	4.86	4.63	4.45	4.78	4.38	4.69	4.58
1961	4.59	4.60	4.09	4.07	4.57	4.61	4.76	4.89	4.93	4.96	5.46	4.85	4.70
1962	4.04	4.22	4.73	4.57	4.35	4.53	4.78	5.59	5.08	5.26	4.91	4.79	4.74
1963	4.34	4.39	4.33	4.08	4.14	4.68	4.52	4.50	4.87	4.86	4.69	4.35	4.48
1964	4.24	4.56	4.60	4.40	4.18	4.37	4.75	4.73	5.01	4.34	4.44	4.41	4.50
1965	4.29	4.24	4.33	4.42	4.69	4.78	4.57	4.08	4.61	4.63	4.14	4.19	4.41
1966	4.40	4.29	4.23	3.88	4.07	4.40	4.56	4.60	4.90	5.08	4.71	4.40	4.46
1967	4.27	4.28	4.40	4.35	4.29	4.20	4.30	5.01	4.84	4.69	5.41	4.85	4.57
1968	4.35	4.52	3.96	4.24	4.26	4.31	4.62	4.88	4.61	4.23	4.58	4.78	4.44
1969	4.20	4.09	3.99	4.04	4.16	4.34	4.37	4.44	4.39	4.60	4.26	4.34	4.27
1970	3.87	3.30	3.84	4.12	4.05	4.49	4.11	4.01	4.34	4.54	4.34	4.16	4.10
1971	4.08	3.92	4.32	4.21	4.37	4.13	3.66	4.15	4.73	4.36	4.78	4.41	4.26
1972	4.08	4.23	4.53	4.22	4.14	4.28	4.76	4.82	4.47	5.00	5.12	4.58	4.52
1973	3.91	4.07	4.08	4.23	4.38	4.38	4.27	4.30	4.28	4.72	4.29	3.93	4.24
1974	4.03	4.31	4.60	4.72	4.92	4.89	4.96	4.73	4.98	4.99	4.95	4.75	4.74
1975	4.55	4.73	4.73	4.74	4.40	5.04	5.18	4.99	4.42	4.58	4.57	4.71	4.72
1976	4.44	4.29	4.76	4.38	4.35	4.57	4.79	5.07	5.04	4.85	4.71	5.20	4.70
1977	5.19		4.15	4.40	4.46	4.31	4.80						
1978						4.37		4.62	4.48	5.16	3.94	3.95	
1979	4.76	4.73	4.63	4.40	4.27	4.50	4.90	4.71	4.93	4.68	4.63	4.90	4.67
1980	4.73	4.42	4.00	4.18	4.64	4.50	4.58	4.93	5.01	4.62	4.84	4.57	4.58
1981	4.04	3.85	4.29			4.10	4.77	4.35	4.65	4.70	4.67	4.56	

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 2695535

ST GEORGES,BERMUDA 32 22.2N 64 41.8W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1982	4.75	4.42	4.07	4.33	4.87	4.85	4.80	4.68	4.49	5.05	4.86	4.29	4.62
1983	4.58	4.48	4.31	4.21	4.41	4.54	4.79	4.58	4.07	4.11	4.52	4.38	4.42
1984	4.23	4.18	4.31	4.48	4.22	4.39	4.44	4.42	4.59	4.67	4.59	4.19	4.39
1985	4.26	4.10	4.34	3.91	3.74	4.35	4.43	4.65	5.12	5.33	5.13	4.73	4.51
1986	4.54	4.74	4.87										

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9759110

MAGUEYES IS, P.R. 17 58.3N 67 02.8W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1955	3.39	3.44	3.48	3.59	3.60	3.65	3.80	3.87	3.82	3.76	3.71	3.72	3.65
1956	3.56	3.48	3.48	3.43	3.60	3.70	3.80	3.92	4.02	4.09	3.88	3.69	3.72
1957	3.66	3.70	3.64	3.68	3.84	3.81	3.88	3.95	4.01	4.18	3.99	3.66	3.83
1958	3.53	3.51	3.59	3.65	3.66	3.65	3.77	3.84	3.89	3.92	3.94	3.76	3.73
1959	3.61	3.55	3.62	3.61	3.60	3.59	3.66	3.72	3.89	3.94	3.92	3.79	3.71
1960	3.75	3.79	3.74	3.63	3.75	3.71	3.92	4.10	4.04	4.11	4.02	3.80	3.86
1961	3.70	3.62	3.64	3.63	3.76	3.81	3.93	4.05	3.95	4.00	3.87	3.68	3.80
1962	3.55	3.53											
1963	3.69	3.61	3.66	3.67	3.67	3.78	3.91	3.91	4.11	4.09	3.99	3.77	3.82
1964	3.80	3.77	3.77	3.72	3.65	3.88	4.16	4.01	4.08	4.16	3.99	3.78	3.90
1965	3.54	3.45	3.48	3.56	3.54	3.66	3.70	3.68	3.81	3.94	3.98	3.79	3.68
1966	3.71	3.71	3.74	3.60	3.69	3.76	4.03	3.99	3.83	3.92	3.88	3.75	3.80
1967	3.62	3.58	3.56	3.53	3.61	3.64	3.99	4.09	4.16	4.04	3.98	3.82	3.80
1968	3.72	3.52	3.50	3.48	3.47	3.47	3.65	3.84	3.93	3.92	3.90	3.63	3.67
1969	3.69	3.62	3.77	3.80	3.72	3.75	3.85	4.17	4.15	4.19	4.06	3.75	3.88
1970	3.63	3.75	3.71	3.76	3.69	3.61	3.71	3.98	4.04	4.05	3.96	3.89	3.82
1971	3.94	3.73	3.83	3.63	3.62	3.76	3.88	4.02	4.12	4.27	4.07	3.97	3.90
1972	3.78	3.78	3.78	3.77	3.87	3.95	4.01	4.04	4.00	4.11	4.10	3.90	3.92
1973	3.86	3.89	3.81	3.85	3.82	3.85	3.98	4.08	4.09	4.11	4.09	4.01	3.95
1974	3.92	3.83	3.75	3.76	3.72	3.76	3.86	3.90	3.99	3.96	3.83	3.75	3.84
1975	3.70	3.67	3.77	3.79	3.72	3.82	3.82	3.81	3.90	4.06	4.01	3.78	3.82
1976	3.54	3.51	3.58	3.62	3.64	3.77	3.98	3.97	4.02	4.19	4.12	3.81	3.81
1977	3.63	3.72	3.73	3.61	3.66	3.68	3.88	4.06	4.04	4.14	4.11	4.01	3.86
1978	3.85	3.83	3.82	3.83	3.83	3.80	3.91	3.98	3.97	3.98	3.98	3.79	3.88
1979	3.62	3.70	3.75	3.64				4.02	4.01	4.24	4.06		
1980	3.64	3.66	3.68	3.76	3.72	3.84	4.01	4.04	4.00	4.09	4.02	3.99	3.87
1981	3.86	3.81	3.70	3.76	3.79	3.89	4.02	4.12					
1982						3.88	4.17	4.03	4.18	4.26	4.21	3.96	
1983	3.80	3.85	3.89	3.92	3.90	3.87	4.02	3.97	4.12	4.14	4.00	4.01	3.96
1984	3.82	3.74	3.72	3.77	3.76	3.79	3.85	4.01	4.13	4.10	3.91	3.86	3.87
1985	3.71	3.73	3.84	3.88	3.88	3.84	4.02	4.23	4.21	4.27	4.12	3.88	3.97
1986	3.80	3.71	3.74	3.93	3.87	3.90	4.02	4.09	4.12	4.23	4.11	3.81	3.94

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "0".

RUN DATE 08/19/87

STATION NO. 9410170

SAN DIEGO,CA 32 42.9N 117 10.4W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1906	6.11	6.22	6.03	5.90	5.81	6.01	6.33	6.37	6.38	6.33	6.10	6.16	6.15
1907	6.11	6.13	5.94	6.00	6.03	6.11	6.44	6.45	6.41	6.45	6.27	6.14	6.21
1908	6.24	5.94	5.96	5.97	5.87	6.03	6.24	6.35	6.38	6.26	6.01	6.06	6.11
1909	5.99	5.85	5.88	5.88	5.87	6.08	6.21	6.17	6.22	6.19	6.05	6.21	6.05
1910	5.96	5.85	5.94	5.87	5.82	6.09	6.28	6.23	6.37	6.24	6.17	6.16	6.08
1911	6.09	6.05	6.03	5.96	6.09	6.14	6.38	6.48	6.55	6.66	6.54	6.43	6.28
1912	6.33	6.02	6.10	5.92	5.97	6.15	6.21	6.28	6.24	6.37	6.19	6.07	6.15
1913	6.03	6.18	5.86	5.94	5.89	6.11	6.32	6.31	6.42	6.40	6.37	6.24	6.17
1914	6.24	6.23	6.26	5.95	5.95	6.15	6.23	6.37	6.50	6.51	6.59	6.70	6.31
1915	6.44	6.29	6.20	6.13	5.99	6.24	6.31	6.47	6.49	6.30	6.27	6.18	6.28
1916	6.25	5.95	6.02	6.03	5.99	5.97	6.19	6.25	6.20	6.06	5.97	6.00	6.07
1917	5.98	5.90	5.87	5.84	5.90	6.21	6.34	6.24	6.32	6.27	6.05	6.14	6.09
1918	6.09	5.98	6.05	6.08	6.21	6.47	6.42	6.58	6.63	6.68	6.57	6.29	6.34
1919	6.30	5.97	6.00	5.91	6.08	6.16	6.31	6.32	6.49	6.39	6.36	6.11	6.20
1920	6.23	6.15	6.01	5.91	6.10	6.20	6.31	6.49	6.41	6.38	6.18	6.17	6.21
1921	6.11	5.92	5.95	5.84	6.00	6.16	6.51	6.30	6.37	6.41	6.18	6.32	6.17
1922	6.13	6.13	5.84	5.86	6.07	6.16	6.38	6.37	6.43	6.30	6.16	6.24	6.17
1923	6.19	6.10	6.03	6.05	6.14	6.18	6.33	6.40	6.45	6.60	6.55	6.45	6.29
1924	6.26	6.13	6.04	6.01	6.02	6.16	6.26	6.24	6.34	6.19	6.09	6.11	6.15
1925	6.04	5.94	6.07	5.86	6.13	6.28	6.43	6.42	6.45	6.53	6.48	6.64	6.27
1926							6.28	6.36	6.32	6.34	6.27	6.28	
1927	6.13	6.07	5.89	5.95	6.00	6.26	6.33	6.39	6.42	6.48	6.40	6.40	6.23
1928	6.25	6.22	5.94	5.94	6.08	6.21	6.34	6.44	6.44	6.37	6.23	6.17	6.22
1929	6.19	6.22	6.14	6.23	6.26	6.25	6.45	6.42	6.53	6.39	6.31	6.17	6.30
1930	6.26	6.16	6.13	6.09	6.05	6.26	6.40	6.57	6.50	6.56	6.58	6.50	6.34
1931	6.32	6.44	6.19	6.20	6.16	6.29	6.60	6.51	6.59	6.43	6.36	6.16	6.35
1932	6.18	6.36	6.09	6.17	6.27	6.18	6.41	6.58	6.60	6.47	6.36	6.29	6.33
1933	6.29	5.99	6.08	6.02	5.87	6.13	6.33	6.30	6.33	6.18	6.16	6.12	6.15
1934	6.10	5.97	6.14	6.12	6.22	6.19	6.37	6.39	6.63	6.35	6.35	6.41	6.27
1935	6.26	6.26	6.05	6.07	6.08	6.32	6.35	6.56	6.44	6.45	6.29	6.41	6.30
1936	6.15	6.19	6.08	5.88	6.10	6.18	6.43	6.59	6.64	6.51	6.50	6.38	6.30
1937	6.13	6.20	6.04	6.03	6.26	6.23	6.46	6.50	6.59	6.50	6.28	6.39	6.30
1938	6.34	6.17	6.06	6.05	6.11	6.24	6.33	6.51	6.59	6.36	6.32	6.38	6.29
1939	6.19	5.99	5.97	6.07	6.11	6.26	6.37	6.57	6.86	6.62	6.71	6.47	6.35
1940	6.37	6.31	6.13	6.06	6.16	6.26	6.36	6.53	6.66	6.59	6.55	6.77	6.40
1941	6.44	6.66	6.61	6.33	6.32	6.27	6.53	6.65	6.80	6.94	6.71	6.69	6.58
1942	6.41	6.40	6.35	6.42	6.27	6.54	6.55	6.50	6.55	6.55	6.40	6.26	6.43
1943	6.39	6.28	6.10	6.09	6.31	6.47	6.58	6.58	6.66	6.64	6.42	6.49	6.42
1944	6.28	6.37	6.36	6.07	6.16	6.20	6.35	6.57	6.61	6.36	6.38	6.35	6.34
1945	6.26	6.05	6.00	6.00	6.02	6.38	6.53	6.56	6.64	6.50	6.28	6.34	6.30
1946	6.25	6.19	6.18	6.15	6.15	6.32	6.49	6.45	6.71	6.55	6.54	6.46	6.37
1947	6.43	6.29	6.25	6.07	6.24	6.28	6.43	6.47	6.56	6.43	6.42	6.41	6.36
1948	6.48	6.31	6.16	6.14	6.20	6.35	6.55	6.56	6.65	6.45	6.44	6.41	6.39
1949	6.41	6.38	6.03	6.13	6.23	6.43	6.47	6.55	6.63	6.42	6.40	6.24	6.36

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9410170

SAN DIEGO,CA 32 42.9N 117 10.4W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1950	6.13	6.10	6.01	6.14	6.17	6.30	6.63	6.45	6.53	6.55	6.38	6.43	6.32
1951	6.15	6.20	6.25	6.12	6.32	6.46	6.67	6.71	6.82	6.75	6.70	6.50	6.47
1952	6.41	6.27	6.22	6.27	6.14	6.30	6.41	6.58	6.71	6.52	6.64	6.48	6.41
1953	6.40	6.39	6.29	6.16	6.17	6.33	6.64	6.56	6.65	6.62	6.55	6.43	6.43
1954	6.43	6.37	6.26	6.12	6.41	6.52	6.70	6.64	6.70	6.45	6.46	6.39	6.45
1955	6.31	6.29	6.28	6.15	6.26	6.41	6.50	6.68	6.61	6.28	6.31	6.15	6.35
1956	6.17	6.21	6.14	6.23	6.25	6.47	6.53	6.63	6.59	6.47	6.44	6.42	6.38
1957	6.40	6.38	6.24	6.28	6.46	6.65	6.84	6.91	6.81	6.79	6.82	6.85	6.62
1958	6.72	6.54	6.50	6.45	6.42	6.47	6.65	6.86	7.01	6.97	6.78	6.67	6.67
1959	6.65	6.62	6.40	6.39	6.42	6.58	6.70	6.82	6.94	6.97	6.64	6.80	6.66
1960	6.46	6.21	6.28	6.25	6.32	6.41	6.62	6.62	6.74	6.61	6.55	6.54	6.47
1961	6.53	6.33	6.25	6.23	6.18	6.41	6.63	6.59	6.67	6.53	6.46	6.56	6.45
1962	6.48	6.41	6.15										
1963	6.50	6.36	6.16	6.19	6.29	6.53	6.69	6.79	6.99	6.71	6.66	6.63	6.54
1964	6.50	6.28	6.21	6.10	6.06	6.22	6.42	6.64	6.62	6.52	6.38	6.41	6.36
1965	6.33	6.50	6.37	6.42	6.19	6.37	6.56	6.84	6.93	6.77	6.70	6.80	6.56
1966	6.65	6.35	6.26	6.37	6.43	6.55	6.64	6.78	6.69	6.65	6.50	6.50	6.53
1967	6.50	6.42	6.24	6.08	6.23	6.47	6.60	6.73	6.79	6.55	6.63	6.54	6.48
1968	6.51	6.49	6.23	6.30	6.26	6.37	6.56	6.62	6.76	6.70	6.63	6.52	6.50
1969	6.61	6.50	6.24	6.28	6.41	6.42	6.65	6.76	6.80	6.79	6.78	6.56	6.57
1970	6.21	6.33	6.36	6.11	6.24	6.37	6.59	6.70	6.66	6.63	6.53	6.36	6.42
1971	6.33	6.28	6.11	6.21	6.29	6.42	6.65	6.75	6.81	6.69	6.46	6.45	6.45
1972	6.43	6.37	6.41	6.30	6.41	6.72	6.77	6.98	6.94	6.96	6.92	6.96	6.68
1973	6.52	6.64	6.35	6.17	6.27	6.42	6.51	6.57	6.40	6.47	6.29	6.32	6.41
1974	6.40	6.29	6.31	6.34	6.48	6.66	6.74	6.73	6.86	6.68	6.52	6.44	6.54
1975	6.38	6.25	6.29	6.30	6.24	6.36	6.60	6.60	6.74	6.50	6.48	6.46	6.43
1976	6.42	6.44	6.36	6.34	6.50	6.65	6.79	6.65	6.99	6.87	6.89	6.86	6.65
1977	6.68	6.41	6.24	6.20	6.28	6.44	6.61	6.79	6.77	6.81	6.81	6.80	6.57
1978	6.81	6.70	6.56	6.36	6.44	6.46	6.60	6.71	6.84	6.86	6.73	6.65	6.64
1979	6.68	6.48	6.39	6.35	6.40	6.51	6.62	6.77	6.85	6.68	6.54	6.65	6.58
1980	6.75	6.87	6.59	6.44	6.42	6.56	6.63	6.88	6.85	6.71	6.62	6.62	6.66
1981	6.62	6.47	6.42	6.51	6.60	6.66	6.80	6.77	6.75	6.74	6.63	6.56	6.63
1982	6.42	6.43	6.52	6.31	6.58	6.57	6.76	6.96	7.21	7.12	7.24	7.06	6.76
1983	7.19	6.91	6.64	6.68	6.71	7.01	7.18	7.26	7.39	7.13	6.88	6.70	6.97
1984	6.66	6.56	6.62	6.51	6.69	6.83	7.01	7.09	7.28	6.92	6.67	6.74	6.80
1985	6.65	6.49	6.32	6.46	6.39	6.62	6.87	6.82	6.94	6.83	6.71	6.61	6.64
1986	6.59	6.57	6.45	6.48	6.51	6.51	6.72	6.81	6.84	6.91	6.95	6.90	6.69

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9410230

LA JOLLA,CA 32 52.0N 117 15.4W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1924											6.44	6.49	
1925	6.40	6.29	6.38	6.19	6.46	6.64	6.78	6.83	6.84	6.87	6.69	6.97	6.61
1926	6.97	6.67	6.63	6.53	6.54	6.69	6.78	6.85	6.74	6.69	6.61	6.67	6.70
1927	6.49	6.42	6.31	6.32	6.31	6.60	6.69	6.78	6.87	6.88	6.83	6.81	6.61
1928	6.67	6.69	6.37	6.34	6.47	6.63	6.75	6.92	6.81	6.79	6.81	6.84	6.67
1929	6.82	6.59	6.51	6.60	6.63	6.62	6.86	6.84	6.94	6.80	6.71	6.59	6.71
1930	6.64	6.60	6.54	6.43	6.39	6.68	6.82	6.99	6.89	6.96	6.93	6.86	6.73
1931	6.73	6.86	6.58	6.61	6.52	6.63	6.96	6.92	6.96	6.80	6.73	6.53	6.74
1932	6.51	6.68	6.43	6.53	6.61	6.54	6.76	6.91	6.92	6.82	6.70	6.58	6.67
1933	6.62	6.33	6.43	6.37	6.24	6.49	6.67	6.69	6.75	6.57	6.56	6.43	6.51
1934	6.46	6.34	6.49	6.50	6.53	6.57	6.77	6.74	6.94	6.54	6.63	6.72	6.60
1935	6.49	6.57	6.34	6.39	6.39	6.69	6.74	6.87	6.74	6.74	6.55	6.65	6.60
1936	6.43	6.50	6.53	6.29	6.50	6.55	6.80	6.90	6.98	6.84	6.86	6.70	6.66
1937	6.52	6.60	6.40	6.37	6.59	6.63	6.91	6.95	6.97	6.85	6.68	6.78	6.69
1938	6.69	6.56	6.35	6.38	6.45	6.59	6.72	6.89	6.91	6.74	6.68	6.75	6.64
1939	6.60	6.34	6.32	6.47	6.53	6.68	6.79	6.95	7.18	7.06	7.15	6.89	6.75
1940	6.69	6.66	6.68	6.58	6.55	6.57	6.72	6.90	6.97	6.91	6.92	7.13	6.77
1941	6.79	6.97	6.93	6.57	6.62	6.62	6.85	6.94	7.14	7.21	7.08	7.02	6.90
1942	6.76	6.75	6.59	6.58	6.48	6.70	6.81	6.91	6.96	6.92	6.76	6.59	6.73
1943	6.72	6.51	6.36	6.36	6.58	6.72	6.78	6.89	6.93	6.85	6.88	6.99	6.71
1944	6.61	6.72	6.76	6.55	6.53	6.43	6.71	6.92	7.01	6.79	6.79	6.73	6.71
1945	6.70	6.49	6.38	6.28	6.45	6.80	6.98	7.06	7.09	6.96	6.72	6.78	6.72
1946	6.61	6.60	6.52	6.56	6.55	6.71	6.84	6.85	7.10	6.96	6.91	6.87	6.76
1947	6.78	6.66	6.68	6.46	6.64	6.64	6.78	6.84	6.93	6.83	6.78	6.79	6.73
1948	6.83	6.65	6.52	6.50	6.57	6.69	6.81	6.91	7.00	6.85	6.79	6.77	6.74
1949	6.73	6.70	6.35	6.45	6.58	6.79	6.78	6.92	7.00	6.81	6.74	6.55	6.70
1950	6.45	6.43	6.29	6.51	6.58	6.70	7.00	6.82	6.95	6.90	6.73	6.75	6.68
1951	6.41	6.49	6.58	6.50	6.67	6.86	7.05	7.11	7.19	7.13	7.04	6.86	6.82
1952	6.78	6.67	6.59	6.64	6.53	6.67	6.80	6.98	7.07	6.91	6.93	6.89	6.79
1953	6.72	6.74	6.65	6.47	6.49	6.64	6.96	6.92	6.96	6.91	6.82	6.65	6.74
1954													
1955									6.90	6.57	6.60	6.48	
1956	6.51	6.51	6.44	6.55	6.54	6.67	6.85	6.98	6.89	6.78	6.79	6.72	6.69
1957	6.70	6.71	6.56	6.62	6.74	6.97	7.12	7.22	7.14	7.14	7.10	7.19	6.93
1958	7.06	6.90	6.83	6.73	6.70	6.76	6.93	7.25	7.36	7.27	7.12	7.07	7.00
1959	7.04	6.96	6.75	6.67	6.73	6.92	7.10	7.21	7.25	7.26	7.05	7.19	7.01
1960	6.82	6.57	6.64	6.61	6.71	6.67	6.79	6.86	6.96	6.94	6.86	6.79	6.77
1961	6.82	6.54	6.44	6.51	6.39	6.60	6.85	7.07	7.01	6.83	6.82	6.88	6.73
1962	6.78	6.65	6.38	6.53	6.59	6.61	6.67	6.89	6.99	6.94	6.71	6.74	6.71
1963	6.88	6.71	6.52	6.57	6.67	6.90	7.08	7.16	7.23	7.05	6.98	7.05	6.90
1964	6.85	6.60	6.49	6.48	6.45	6.56	6.76	7.01	6.97	6.86	6.71	6.70	6.70
1965	6.72	6.88	6.78	6.80	6.54	6.76	6.88	7.18	7.24	7.11	7.00	7.10	6.92
1966	6.96	6.69	6.65	6.82	6.86	6.95	7.08	7.32	7.20	7.11	6.88	6.88	6.95
1967	6.98	6.73	6.68	6.67	6.92	7.11	7.23	7.42	7.31	7.01	7.09	6.97	7.01

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9410230

LA JOLLA,CA 32 52.0N 117 15.4W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1968	6.96	6.90	6.56	6.61	6.72	6.79	6.94	7.06	7.10	7.07	7.01	6.91	6.89
1969	7.04	6.87	6.68	6.70	6.75	6.82	6.98	7.14	7.20	7.24	7.21	7.04	6.97
1970	6.72	6.81	6.87	6.61	6.72	6.83	6.98	7.06	7.07	7.05	6.95	6.76	6.87
1971	6.69	6.65	6.46	6.55	6.66	6.86	7.06	7.11	6.98	6.84	6.75	6.75	6.78
1972	6.78	6.72	6.80	6.71	6.74	7.03	7.07	7.25	7.24	7.28	7.25	7.32	7.02
1973	6.85	6.95	6.69	6.51	6.67	6.78	6.92	7.00	6.81	6.82	6.65	6.70	6.78
1974	6.73	6.62	6.65	6.66	6.81	6.96	7.07	7.05	7.19	6.93	6.86	6.82	6.86
1975	6.70	6.59	6.65	6.62	6.58	6.75	6.96	6.94	7.07	6.85	6.80	6.68	6.77
1976	6.74	6.76	6.65	6.65	6.84	6.98	7.16	7.00	7.30	7.18	7.23	7.20	6.97
1977	7.01	6.74	6.55	6.50	6.62	6.77	6.97	7.12	7.11	7.12	7.12	7.10	6.89
1978	7.05						6.94	7.04	7.19	7.20	7.10	7.05	
1979				6.71	6.72	6.86	7.02	7.19	7.25	7.04	6.93	7.04	
1980	7.06	7.12	6.86	6.75	6.79	6.92	6.92	7.18	7.16	7.04	6.94	7.01	6.98
1981	7.00	6.84	6.76	6.80	6.97	7.01	7.14	7.12	7.07	7.09	6.97	6.91	6.97
1982	6.77	6.79	6.87	6.65	6.91	6.89	7.06	7.28	7.51	7.41	7.58	7.37	7.09
1983	7.47	7.19	6.92	6.97	7.02	7.36	7.53	7.59	7.72	7.47	7.16	7.01	7.28
1984								7.41	7.56	7.23	7.02	7.03	
1985	6.95	6.83	6.64	6.80	6.73	6.92	7.17	7.15	7.26	7.19	7.05	6.98	6.97
1986	6.88	6.91	6.71	6.81	6.89	6.89	7.10	7.18	7.23	7.21	7.32	7.24	7.03

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9410580

NEWPORT BEACH,CA 33 36.2N 117 53.0W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1955								6.07	6.04	5.71	5.72	5.59	
1956	5.62	5.61	5.58	5.65	5.72	5.92	5.96	6.04	6.02	5.90	5.87	5.83	5.81
1957	5.83	5.82	5.65	5.68	5.84	6.03	6.23	6.22	6.15	6.18	6.08	6.22	5.99
1958	6.10	6.00	5.91	5.86	5.83	5.88	6.08	6.27	6.39	6.36	6.13	6.11	6.08
1959	6.08	6.02	5.82	5.80	5.83	6.02	6.10	6.21	6.31	6.39	6.22	6.18	6.08
1960	5.87	5.55	5.66	5.66	5.76	5.82	5.96	5.98	6.10	6.00	5.87	5.90	5.84
1961	5.91	5.73	5.65	5.65	5.54	5.75	5.97	6.00	6.13	5.96	5.78	5.82	5.82
1962	5.90	5.86	5.53	5.63	5.68	5.75	5.91	6.04	6.10	6.05	5.81	5.82	5.84
1963	5.81	5.83	5.62	5.56	5.71	5.94	6.12	6.17	6.35	6.04	6.03	6.04	5.93
1964	5.94	5.66	5.58	5.48	5.39	5.57	5.81	6.08	6.10	5.90	5.77	5.78	5.76
1965	5.73	5.92	5.83	5.85	5.68	5.83	6.01	6.28	6.31	6.17	6.07	6.12	5.98
1966	6.02	5.73	5.64	5.75	5.78	5.87	5.99	6.17	6.03	6.01	5.90	5.87	5.90
1967	5.86	5.76	5.65	5.54	5.69	5.90	6.02	6.18	6.20	5.96	6.07	5.93	5.90
1968	5.92	5.87	5.61	5.66	5.71	5.75	5.95	6.01	6.17	6.12	6.03	5.93	5.89
1969	6.09	5.96	5.71	5.73	5.81	5.83	6.03	6.20	6.24	6.27	6.15	5.99	6.00
1970	5.69	5.80	5.80	5.57	5.70	5.85	5.97	6.06	6.09	5.99	5.91	5.72	5.85
1971	5.71	5.67	5.50	5.65	5.68	5.89	6.09	6.13	6.17	6.09	5.85	5.76	5.85
1972	5.82	5.75	5.84	5.75	5.80	6.04	6.09	6.32	6.26	6.27	6.26	6.32	6.04
1973	5.99	6.03	5.79	5.58	5.75	5.87	5.96	6.03	5.86	5.88	5.75	5.82	5.86
1974	5.78	5.73	5.71	5.72	5.92	6.00	6.13	6.15	6.23	5.97	5.88	5.85	5.92
1975	5.77	5.70	5.73	5.66	5.65	5.75	6.02	5.92	6.06	5.87	5.83	5.62	5.80
1976	5.75	5.77	5.70	5.66	5.84	6.04	6.18	6.04	6.31	6.22	6.26	6.26	6.00
1977	6.06	5.80	5.61	5.56	5.65	5.79	6.00	6.13	6.14	6.19	6.17	6.14	5.94
1978	6.18	6.12	6.08	5.84	5.83	5.79	5.89	6.01	6.12	6.17	6.06	5.99	6.01
1979	6.02	5.97	5.83	5.79	5.82	5.99	6.03	6.17	6.27	6.10	5.95	6.02	6.00
1980	6.11	6.29	5.92	5.86	5.83	5.89	5.97	6.16	6.17	6.09	5.99	6.03	6.03
1981	6.02	5.89	5.82	5.87	6.01	6.05	6.17	6.13	6.15	6.13	6.05	5.97	6.02
1982	5.84	5.85	5.94	5.72	5.97	5.97	6.15	6.34	6.62	6.47	6.64	6.42	6.16
1983	6.55	6.32	6.05	6.05	6.09	6.40	6.57	6.59	6.75	6.49	6.22	6.08	6.35
1984								6.45	6.62	6.28	6.07	6.08	
1985	5.99	5.84	5.67	5.83	5.77	5.99	6.19	6.18	6.29	6.17	6.07	5.97	6.00
1986	5.96	5.93	5.79	5.83	5.87	5.90	6.10	6.14	6.19	6.27	6.29	6.25	6.04*

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

* DENOTES THAT VALUES ARE CONSIDERED PRELIMINARY AND MAYBE SUBJECTED TO MINOR CHANGES.

RUN DATE 08/19/87

STATION NO. 9410660
LOS ANGELES(BERTH 60), CA 33 43.2N 118 16.3W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1923												6.63	
1924	6.41	6.40	6.36	6.14	6.26	6.30	6.34	6.44	6.40	6.48	6.33	6.41	6.36
1925	6.31	6.06	6.33	6.08	6.30	6.48	6.59	6.59	6.59	6.82	6.64	6.78	6.46
1926	6.71	6.46	6.42	6.32	6.24	6.29	6.52	6.62	6.52	6.56	6.44	6.44	6.46
1927	6.28	6.28	6.06	6.14	6.21	6.44	6.49	6.53	6.59	6.61	6.55	6.56	6.40
1928	6.41	6.38	6.10	6.14	6.29	6.45	6.56	6.67	6.62	6.54	6.49	6.42	6.42
1929	6.44	6.20	6.08	6.19	6.32	6.46	6.74	6.75	6.82	6.67	6.58	6.41	6.47
1930	6.53	6.46	6.38	6.36	6.28	6.52	6.62	6.83	6.83	6.80	6.80	6.71	6.59
1931	6.51	6.67	6.36	6.39	6.36	6.44	6.78	6.72	6.70	6.60	6.51	6.33	6.53
1932	6.31	6.48	6.21	6.33	6.41	6.34	6.56	6.75	6.71	6.60	6.44	6.30	6.45
1933	6.33	6.11	6.17	6.16	6.02	6.23	6.45	6.48	6.49	6.29	6.31	6.24	6.27
1934	6.28	6.15	6.31	6.30	6.36	6.38	6.59	6.55	6.75	6.52	6.39	6.44	6.42
1935	6.30	6.33	6.18	6.17	6.18	6.44	6.46	6.69	6.60	6.57	6.42	6.51	6.40
1936	6.23	6.38	6.32	6.19	6.40	6.45	6.66	6.80	6.80	6.73	6.72	6.56	6.52
1937	6.36	6.46	6.27	6.22	6.48	6.44	6.73	6.71	6.75	6.67	6.54	6.62	6.52
1938	6.53	6.39	6.25	6.23	6.34	6.43	6.62	6.76	6.74	6.54	6.47	6.59	6.49
1939	6.41	6.19	6.20	6.26	6.29	6.43	6.54	6.73	7.00	6.84	6.90	6.65	6.54
1940	6.55	6.49	6.32	6.25	6.37	6.41	6.56	6.72	6.87	6.76	6.72	6.93	6.58
1941	6.67	6.91	6.81	6.46	6.48	6.41	6.66	6.76	6.95	7.04	6.81	6.81	6.73
1942	6.57	6.54	6.42	6.50	6.38	6.60	6.70	6.71	6.80	6.77	6.62	6.54	6.60
1943	6.68	6.49	6.32	6.30	6.51	6.68	6.75	6.77	6.81	6.77	6.59	6.66	6.61
1944	6.50	6.57	6.56	6.27	6.35	6.47	6.60	6.73	6.81	6.61	6.59	6.51	6.55
1945	6.48	6.32	6.16	6.22	6.20	6.52	6.68	6.81	6.83	6.65	6.44	6.52	6.49
1946	6.38	6.39	6.32	6.32	6.32	6.50	6.64	6.67	6.93	6.74	6.73	6.69	6.55
1947	6.57	6.45	6.42	6.22	6.44	6.51	6.60	6.58	6.65	6.54	6.48	6.61	6.51
1948	6.60	6.40	6.28	6.26	6.36	6.46	6.63	6.61	6.73	6.49	6.50	6.46	6.48
1949	6.45	6.43	6.14	6.22	6.30	6.53	6.51	6.61	6.67	6.51	6.50	6.38	6.44
1950	6.25	6.24	6.15	6.26	6.27	6.41	6.70	6.56	6.62	6.60	6.47	6.54	6.42
1951	6.25	6.30	6.41	6.23	6.44	6.61	6.80	6.79	6.90	6.86	6.81	6.61	6.58
1952	6.60	6.39	6.32	6.38	6.27	6.38	6.50	6.66	6.76	6.63	6.71	6.58	6.52
1953	6.56	6.43	6.32	6.20	6.18	6.35	6.59	6.57	6.70	6.72	6.58	6.51	6.48
1954	6.55	6.45	6.34	6.25	6.48	6.64	6.79	6.72	6.71	6.57	6.58	6.50	6.55
1955	6.44	6.34	6.39	6.23	6.32	6.48	6.55	6.69	6.68	6.40	6.42	6.26	6.43
1956	6.30	6.31	6.23	6.32	6.37	6.60	6.65	6.71	6.65	6.56	6.59	6.50	6.48
1957	6.46	6.48	6.29	6.30	6.48	6.70	6.86	6.93	6.77	6.83	6.82	6.88	6.65
1958	6.75	6.64	6.59	6.50	6.48	6.52	6.71	6.90	7.00	7.04	6.82	6.77	6.73
1959	6.79	6.79	6.59	6.40	6.45	6.62	6.72	6.84	6.93	7.00	6.66	6.82	6.72
1960	6.53	6.26	6.34	6.27	6.38	6.47	6.63	6.65	6.77	6.67	6.56	6.57	6.51
1961	6.60	6.41	6.28	6.13	6.22	6.41	6.62	6.65	6.71	6.54	6.47	6.50	6.46
1962	6.50	6.53	6.13	6.24	6.37	6.39	6.52	6.66	6.80	6.71	6.43	6.51	6.48
1963	6.45	6.48	6.17	6.14	6.24	6.52	6.64	6.73	6.90	6.65	6.60	6.61	6.51
1964	6.54	6.31	6.18	6.17	6.11	6.37	6.49	6.74	6.71	6.60	6.44	6.49	6.43
1965	6.40	6.57	6.38	6.40	6.26	6.53	6.62	6.87	6.93	6.78	6.76	6.88	6.62
1966	6.68	6.51	6.42	6.43	6.43	6.54	6.66	6.82	6.63	6.61	6.52	6.50	6.56

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9410660
LOS ANGELES(BERTH 60), CA 33 43.2N 118 16.3W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1967	6.52	6.43	6.25	6.17	6.29	6.57	6.70	6.79	6.77	6.59	6.72	6.56	6.53
1968	6.58	6.54	6.29	6.35	6.33	6.34	6.56	6.66	6.76	6.68	6.61	6.49	6.52
1969	6.72	6.56	6.26	6.37	6.46	6.44	6.61	6.77	6.81	6.85	6.76	6.57	6.60
1970	6.31	6.40	6.44	6.18	6.33	6.41	6.47	6.58	6.66	6.60	6.49	6.35	6.44
1971	6.30	6.26	5.96	6.20	6.44	6.53	6.82	6.78	6.82	6.70	6.46	6.40	6.47
1972	6.47	6.44	6.44	6.29	6.32	6.57	6.61	6.93	6.89	6.91	6.84	6.93	6.64
1973	6.63	6.65	6.41	6.17	6.28	6.38	6.57	6.66	6.64	6.61	6.45	6.47	6.49
1974	6.48	6.30	6.40	6.36	6.45	6.56	6.63	6.56	6.69	6.50	6.41	6.41	6.48
1975	6.41	6.33	6.31	6.31	6.24	6.39	6.56	6.56	6.70	6.57	6.41	6.32	6.43
1976	6.37	6.45	6.33	6.28	6.42	6.61	6.77	6.65	6.94	6.80	6.86	6.83	6.61
1977	6.67	6.48	6.29	6.20	6.29	6.43	6.60	6.80	6.76	6.79	6.75	6.75	6.57
1978	6.79	6.70	6.64	6.30	6.44	6.37	6.61	6.83	6.89	6.89	6.80	6.69	6.66
1979	6.48							6.71	6.64	6.67	6.55	6.62	
1980	6.65	6.82	6.50	6.38	6.37	6.56	6.61	6.71	6.73	6.74	6.67	6.59	6.61
1981	6.61	6.45	6.47	6.35	6.52	6.62	6.74	6.61	6.67	6.68	6.57	6.52	6.57
1982	6.37	6.38	6.37	6.20	6.49	6.56	6.72	6.93	7.15	6.97	7.13	6.93	6.68
1983	7.08	6.86	6.56	6.57	6.60	6.93	7.08	7.14	7.33	7.07	6.78	6.58	6.88
1984								6.99	7.16	6.79	6.59	6.61	
1985	6.58	6.40	6.21	6.38	6.31	6.53	6.72	6.52	6.83	6.71	6.64	6.52	6.53
1986	6.53	6.50	6.35	6.37	6.43	6.45	6.63	6.68	6.71	6.84	6.84	6.83	6.60

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9410840

SANTA MONICA,CA 34 00.4N 118 29.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1933	4.82	4.50	4.52	4.49	4.45	4.71	4.91	4.85	4.92	4.72	4.73	4.64	4.69
1934	4.72	4.56	4.74	4.74	4.84	4.82	4.92	4.97	5.18	4.91	4.91	4.92	4.85
1935	4.80	4.80	4.66	4.72	4.67	4.94	4.97	5.22	5.08	5.00	4.86	4.95	4.89
1936	4.73	4.84	4.77	4.55	4.79	4.83	5.12	5.21	5.23	5.15	5.09	4.94	4.94
1937	4.70	4.80	4.68	4.64	4.88	4.88	5.12	5.14	5.19	5.05	4.86	4.95	4.91
1938	4.95	4.82	4.75	4.75	4.80	4.95	5.07	5.22	5.20	5.00	4.92	4.99	4.95
1939	4.85	4.59	4.61	4.73	4.74	4.89	5.03	5.19	5.40	5.26	5.28	5.09	4.97
1940	5.03	4.97	4.85	4.75	4.87	4.88	5.04	5.19	5.32	5.21	5.17	5.41	5.06
1941	5.19	5.36	5.30	5.01	5.02	5.00	5.25	5.35	5.48	5.50	5.36	5.31	5.26
1942	5.09	5.03	4.89	4.94	4.76	5.01	5.17	5.18	5.21	5.22	5.03	4.94	5.04
1943	5.03	4.89	4.76	4.78	4.96	5.14	5.21	5.25	5.32	5.24	5.09	5.16	5.07
1944	4.90	5.01	5.02	4.79	4.87	4.92	5.10	5.20	5.27	5.03	5.01	4.92	5.00
1945	4.85	4.67	4.59	4.67	4.72	5.02	5.21	5.28	5.30	5.11	4.86	4.89	4.93
1946	4.78	4.86	4.83	4.84	4.88	5.07	5.29	5.22	5.42	5.24	5.19	5.14	5.06
1947	5.12	4.99	5.00	4.77	4.94	5.06	5.15	5.15	5.18	5.11	5.09	5.15	5.06
1948	5.14	4.98	4.86	4.86	4.90	5.08	5.30	5.17	5.31	5.09	5.07	4.98	5.06
1949	4.99	5.06	4.76	4.83	4.97	5.18	5.14	5.24	5.31	5.14	5.11	4.87	5.05
1950	4.73	4.66	4.75	4.84	4.87	5.04	5.33	5.16	5.22	5.21	5.05	5.10	5.00
1951	4.80	4.94	4.95	4.92	5.10	5.28	5.44	5.43	5.53	5.47	5.40	5.16	5.20
1952	5.14	5.03	4.92	4.96	4.84	5.04	5.13	5.28	5.36	5.22	5.27	5.15	5.11
1953	5.05	4.98	4.88	4.80	4.76	4.91	5.21	5.23	5.24	5.15	5.04	5.04	5.02
1954	5.04	4.95	4.88	4.76	5.03	5.16	5.31	5.24	5.21	4.98	4.97	4.94	5.04
1955	4.89	4.87	4.93	4.75	4.93	5.10	5.12	5.28	5.24	4.92	4.94	4.82	4.98
1956	4.88	4.85	4.78	4.84	4.89	5.12	5.16	5.26	5.16	5.15	5.07	5.01	5.01
1957	5.10	5.12	4.84	4.88	5.06	5.28	5.43	5.48	5.42	5.36	5.41	5.50	5.24
1958	5.37	5.29	5.22	5.11	5.03	5.01	5.25	5.51	5.67	5.60	5.36	5.30	5.31
1959	5.43	5.32	5.07	5.08	5.12	5.18	5.32	5.34	5.47	5.50	5.17	5.32	5.28
1960	5.05	4.74	4.84	4.83	4.96	4.98	5.10	5.20	5.35	5.37	5.29	5.31	5.08
1961	5.33	5.24	5.10	5.15	5.05	5.28	5.24	5.37	5.31	5.15	5.06	5.11	5.20
1962	5.16	5.13	4.77	4.84	4.89	5.00	5.16	5.33	5.42	5.37	5.06	5.15	5.11
1963	5.09	5.14	4.89	4.78	4.90	5.16	5.33	5.42	5.61	5.39	5.25	5.28	5.19
1964	5.15	4.99	4.83	4.59	4.65	4.90	5.07	5.29	5.35	5.13	4.98	5.00	4.99
1965	4.94	5.11	5.07	5.05	4.86	4.99	5.18	5.45	5.55	5.33	5.26	5.36	5.18
1973												4.96	
1974	5.06	4.81	4.86	4.90	4.98	5.23	5.34	5.28	5.36	5.22	5.14	4.98	5.10
1975	5.01	5.00	4.94	4.88	4.77	5.05	5.26	5.20	5.35	5.10	5.12	5.09	5.06
1976	4.93	4.98	4.91	4.92	5.08	5.21	5.32	5.28	5.37	5.38	5.44	5.40	5.18
1977	5.28	5.04	4.85	4.76	4.84	5.00	5.16	5.42	5.37	5.44	5.34	5.32	5.15
1978	5.41	5.38	5.30	4.83	5.00	4.96	5.15	5.32	5.37	5.39	5.27	5.24	5.22
1979	5.30	5.11	5.03	4.98	5.01	5.10	5.23	5.32	5.42	5.25	5.09	5.24	5.17
1980	5.32	5.43	5.23	5.06	5.20	5.23	5.41	5.51	5.40	5.25	5.21	5.26	5.29
1981	5.35	5.14	5.03	5.10	5.32	5.33	5.39	5.36	5.31	5.33	5.22	5.14	5.25
1982	5.02	5.14	5.21	4.95	5.15	5.19	5.56	5.53	5.81	5.66	5.79	5.66	5.39
1983								5.46	5.77	5.40	5.27	5.17	

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "0".

RUN DATE 08/19/87

STATION NO. 9410840

SANTA MONICA,CA 34 00.4N 118 29.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1984	5.12	4.81	4.80	4.66	4.87	5.09	5.37	5.43	5.58	5.18	4.90	4.96	5.06
1985	4.82	4.76	4.60	4.62	4.92	5.69		5.21	5.63	5.49	5.27	5.06	
1986	5.08	5.24	5.12	4.98	4.93	5.09	5.35	5.37	5.47	5.56	5.44	5.35	5.25*

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

* DENOTES THAT VALUES ARE CONSIDERED PRELIMINARY AND MAYBE SUBJECTED TO MINOR CHANGES.

RUN DATE 08/19/87

STATION NO. 9412110

PORT SAN LUIS, CA 35 10.2N 120 45.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1945							5.84	5.83	6.00	5.88	5.50	5.57	
1946	5.29	5.42	5.31	5.53	5.75	5.67	5.88	5.88	6.05	5.83	5.92	5.92	5.70
1947	5.81	5.89	5.77	5.50	5.67	5.78	5.69	5.78	5.81	5.79	5.76	5.73	5.75
1948	5.96	5.65	5.51	5.51	5.37	5.72	5.83	5.83	6.04	5.80	5.68	5.58	5.71
1949	5.80	5.65	5.53	5.50	5.60	5.77	5.79	5.78	5.85	5.74	5.77	5.57	5.70
1950	5.53	5.50	5.37	5.46	5.46	5.53	5.93	5.78	5.90	5.89	5.76	5.83	5.66
1951	5.57	5.68	5.58	5.58	5.78	5.84	5.94	5.88	6.12	6.09	6.13	6.03	5.85
1952	5.98	5.76	5.68	5.74	5.63	5.73	5.69	5.64	5.84	5.74	5.84	5.80	5.76
1953	5.69	5.67	5.67	5.49	5.52	5.55	5.93	5.89	6.04	5.88	5.83	5.74	5.74
1954	5.88	5.71	5.63	5.49	5.78	5.81	5.94	5.90	5.93	5.82	5.91	5.85	5.80
1955	5.76	5.66	5.60	5.53	5.58	5.62	5.72	5.88	5.86	5.74	5.76	5.61	5.69
1956	5.65	5.56	5.42	5.52	5.63	5.81	5.90	5.91	5.89	5.86	5.72	5.83	5.72
1957	5.83	5.81	5.62	5.67	5.82	5.95	6.14	6.17	6.13	6.13	6.06	6.14	5.96
1958	5.91	5.80	5.83	5.58	5.77	5.74	5.96	6.20	6.27	6.29	6.03	6.15	5.96
1959	6.00	6.12	5.77	5.75	5.57	5.78	6.04	6.14	6.13	6.26	6.00	6.08	5.97
1960	5.97									6.09			
1961	6.08	5.68	5.53	5.66	5.41	5.69	5.90	6.00	5.98	5.91	5.83	5.95	5.80
1962	5.93	6.01	5.55	5.53	5.67	5.74	5.85	5.97	6.04	6.06	5.82	5.93	5.84
1963	5.96	6.10	5.90	5.70	5.52	5.69	5.76	5.91	6.13	5.88	5.98	5.93	5.87
1964	5.74	5.59	5.53	5.37	5.43	5.66	5.74	6.03	5.98	5.92	5.76	5.78	5.71
1965	5.73	5.89	5.86	5.92	5.59	5.80	6.03	6.23	6.35	6.22	6.15	6.17	6.00
1966	5.90	5.70	5.46	5.70	5.78	5.77	5.82	6.00	5.91	5.91	5.89	5.92	5.81
1967	5.94	5.66	5.58	5.46	5.57	5.81	5.91	6.04	6.15	5.91	5.98	5.78	5.82
1968	5.94	5.91	5.62	5.57									
1969													
1970	6.14	5.77	5.78	5.30	5.42	5.61	5.78	5.87	5.92	5.82	5.93	5.69	5.75
1971												5.67	
1972	5.66	5.62	5.63	5.61	5.64	5.92	5.94	6.05	6.09	6.16	6.05	6.12	5.87
1973	5.97	6.01	5.58	5.37	5.53	5.73	5.81	5.89	5.66	5.71	5.63	5.61	5.71
1974	5.74	5.47	5.65	5.47	5.70	5.87	5.90	5.88	6.06	5.93	5.71	5.73	5.76
1975	5.65	5.66	5.59	5.53	5.48	5.65	5.82	5.82	5.90	5.74	5.62	5.56	5.67
1976	5.66	5.67	5.49	5.52	5.69	5.83	6.02	5.91	6.20	6.10	6.12	6.16	5.86
1977	5.97	5.77	5.53	5.41	5.48	5.66	5.77	5.95	5.99	5.98	5.96	6.08	5.80
1978	6.18	6.03	5.97	5.58	5.58	5.54	5.73	5.90	5.93	6.11	5.96	5.91	5.87
1979	5.97	5.75	5.67	5.52	5.57	5.74	5.80	5.92	6.05	5.90	5.76	5.86	5.79
1980	6.00	6.24	5.77	5.55	5.55	5.68	5.74	6.01	5.99	5.83	5.76	5.92	5.84
1981	6.09	5.76	5.72	5.71	5.73	5.75	5.95	5.92	5.89	5.97	5.91	5.76	5.85
1982	5.72	5.76	5.82	5.55	5.80	5.79	5.92	6.05	6.36	6.22	6.48	6.15	5.97
1983	6.36	6.19	5.93	5.92	5.85	6.14	6.32	6.42	6.61	6.31	6.05	5.92	6.17
1984	5.90	5.77	5.76	5.56	5.75	5.95	6.17	6.29	6.46	6.01	5.91	5.99	5.96
1985	5.91	5.72	5.51	5.65	5.57	5.84	5.96	5.94	6.11	5.99	5.88	5.79	5.82
1986	5.86	5.86	5.72	5.67	5.66	5.69	5.93	5.91	5.95	6.02	6.02	6.14	5.87*

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

* DENOTES THAT VALUES ARE CONSIDERED PRELIMINARY AND MAYBE SUBJECTED TO MINOR CHANGES.

RUN DATE 08/19/87

STATION NO. 9414290

SAN FRANCISCO,CA 37 48.4N 122 27.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1854							8.54	8.64	8.71	8.68	8.68	8.79	
1855	8.87	8.95	9.03	9.03	8.75	8.43	8.46	8.79	8.68	8.71	8.38	8.17	8.69
1856	8.63	8.29	8.25	8.44	8.40	8.11	8.44	8.45	8.52	8.35	8.34	8.32	8.38
1857	8.52	8.62	8.65	8.39	8.35	8.44	8.18	8.39	8.48	8.46	8.25	8.36	8.42
1858	8.35	8.26	7.93	7.96	8.18	8.44	8.47	8.50	8.44	8.51	8.49	8.62	8.35
1859	8.65	8.83	8.26	8.26	8.40	8.47	8.40	8.32	8.33	8.47	8.23	8.36	8.42
1860	8.27	8.23	8.13	8.09	7.99	8.33	8.31	8.32	8.34	8.15	8.18	8.43	8.23
1861	8.08	8.09	8.15	7.98	8.00	8.07	8.28	8.22	8.19	8.14	8.12	8.27	8.13
1862	9.08	8.57	8.26	8.27	8.44	8.30	8.55	8.63	8.55	8.40	8.34	8.37	8.48
1863	8.18	8.17	8.04	8.12	8.16	8.24	8.33	8.34	8.36	8.35	8.34	8.17	8.23
1864	8.11	8.24	8.13	8.09	8.61	8.37	8.62	8.57	8.62	8.66	8.55	8.58	8.43
1865	8.59	8.54	7.85	7.90	8.20	8.09	8.28	8.38	8.40	8.37	8.32	7.98	8.24
1866	8.44	8.58	8.62	8.37	8.42	8.34	8.61	8.65	8.77	8.56	8.40	8.73	8.54
1867	8.66	8.33	8.66	8.37	8.51	8.42	8.68	8.66	8.56	8.43	8.45	8.83	8.55
1868	8.99	8.87	8.60	8.39	8.58	8.47	8.77	8.82	8.87	8.69	8.74	8.71	8.71
1869	8.70	8.81	8.52	8.32	8.40	8.53	8.65	8.80	8.70	8.73	8.36	8.44	8.58
1870	8.46	8.53	8.18	8.12	8.31	8.36	8.68	8.79	8.69	8.64	8.37	8.42	8.46
1871	8.39	8.48	8.12	8.20	8.25	8.39	8.60	8.51	8.50	8.26	8.37	8.65	8.39
1872	8.82	8.73	8.43	8.13	8.46	8.58	8.64	8.68	8.66	8.50	8.40	8.52	8.55
1873	8.44	8.47	8.31	8.12	8.23	8.35	8.62	8.64	8.37	8.46	8.41	8.67	8.42
1874	8.71	8.62	8.50	8.34	8.54	8.54	8.67	8.58	8.62	8.63	8.59	8.48	8.57
1875	8.60	8.49	8.05	8.20	8.35	8.56	8.75	8.70	8.70	8.61	8.58	8.56	8.51
1876	8.76	8.76	8.66	8.36	8.46	8.70	8.79	8.86	8.88	8.75	8.70	8.79	8.71
1877	8.73	8.72	8.69	8.40	8.45	8.69	8.82	8.85	8.85	8.68	8.78	9.11	8.73
1878	9.09	8.94	8.68	8.50	8.32	8.50	8.38	8.51	8.46	8.44	8.33	8.41	8.55
1879	8.42	8.47	8.51	8.52	8.38	8.60	8.64	8.76	8.63	8.56	8.46	8.49	8.54
1880	8.42	8.43	8.40	8.65	8.62	8.61	8.85	8.76	8.68	8.73	8.53	8.84	8.63
1881	8.91	8.87	8.55	8.71	8.75	8.69	8.82	8.75	8.74	8.59	8.35	8.42	8.68
1882	8.36	8.28	8.50	8.41	8.51	8.78	8.77	8.74	8.72	8.56	8.51	8.45	8.55
1883	8.26	8.31	8.62	8.27	8.65	8.75	8.82	8.75	8.83	8.78	8.51	8.68	8.60
1884	8.72	8.97	9.15	8.90	8.86	8.82	8.86	8.80	8.82	8.86	8.80	9.13	8.89
1885	8.85	8.57	8.70	8.65	8.49	8.49	8.66	8.78	8.82	8.82	9.08	8.99	8.74
1886	9.10	8.98	8.62	8.68	8.55	8.53	8.52	8.61	8.59	8.44	8.36	8.41	8.62
1887	8.29	8.55	8.36	8.39	8.48	8.67	8.66	8.66	8.70	8.59	8.45	8.42	8.52
1888	8.28	8.43	8.40	8.36	8.27	8.65	8.71	8.71	8.78	8.67	8.79	8.87	8.58
1889	8.80	8.56	8.84	8.57	8.52	8.69	8.67	8.70	8.77	8.80	8.74	9.06	8.73
1890	8.75	8.76	8.76	8.55	8.86	8.72	8.84	8.83	8.95	8.77	8.73	8.67	8.77
1891	8.52	8.84	8.44	8.32	8.61	8.50	8.74	8.74	8.73	8.53	8.48	8.23	8.56
1892	8.39	8.59	8.44	8.08	8.39	8.44	8.53	8.60	8.40	8.43	8.38	8.69	8.45
1893	8.64	8.55	8.64	8.37	8.52	8.42	8.58	8.68	8.67	8.51	8.48	8.48	8.54
1894	8.46	8.44	8.31	8.34	8.64	8.52	8.56	8.52	8.65	8.50	8.45	8.78	8.51
1895	9.14	8.83	8.52	8.43	8.60	8.69	8.87	8.82	8.68	8.73	8.72	8.46	8.71
1896	8.83	8.57	8.56	8.49	8.49	8.72	8.83	8.75	8.85	8.74	8.64	8.84	8.69
1897	8.96	8.70	8.57	8.31	8.51	8.55	8.64	8.60	8.54	8.46	8.29	8.19	8.53

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9414290

SAN FRANCISCO,CA 37 48.4N 122 27.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1898	8.24	8.30	8.11	8.09	8.20	8.34	8.37	8.54	8.48	8.31	8.29	8.28	8.30
1899	8.37	8.09	8.22	8.28	8.21	8.47	8.59	8.48	8.55	8.66	8.73	8.67	8.44
1900	8.70	8.46	8.53	8.24	8.31	8.47	8.56	8.58	8.56	8.57	8.52	8.51	8.50
1901	8.74	8.76	8.44	8.07	8.31	8.31	8.44	8.56	8.58	8.48	8.50	8.35	8.46
1902	8.38	8.59	8.44	8.26	8.29	8.45	8.67	8.71	8.80	8.81	8.72	8.70	8.57
1903	8.68	8.51	8.71	8.37	8.32	8.36	8.45	8.69	8.67	8.60	8.48	8.49	8.53
1904	8.27	8.52	8.74	8.51	8.53	8.57	8.66	8.70	8.95	8.77	8.72	8.59	8.63
1905	8.75	9.05	8.84	8.60	8.47	8.39	8.61	8.63	8.64	8.60	8.74	8.46	8.65
1906	8.66	8.84	8.89	8.51	8.41	8.45	8.64	8.77	8.60	8.41	8.26	8.55	8.58
1907	8.76	8.68	8.94	8.63	8.49	8.59	8.71	8.79	8.69	8.72	8.43	8.48	8.66
1908	8.67	8.48	8.34	8.31	8.12	8.29	8.57	8.58	8.61	8.43	8.39	8.37	8.43
1909	8.95	8.79	8.44	8.30	8.32	8.42	8.48	8.53	8.63	8.52	8.26	8.69	8.53
1910	8.45	8.27	8.50	8.29	8.22	8.33	8.54	8.54	8.57	8.50	8.40	8.39	8.42
1911	8.63	8.70	8.76	8.45	8.36	8.54	8.64	8.54	8.69	8.83	8.57	8.63	8.61
1912	8.71	8.27	8.64	8.31	8.39	8.56	8.60	8.52	8.57	8.57	8.51	8.28	8.49
1913	8.43	8.54	8.24	8.30	8.33	8.49	8.58	8.70	8.77	8.54	8.63	8.55	8.51
1914	9.04	8.85	8.76	8.62	8.65	8.58	8.70	8.85	8.83	8.90	8.79	9.16	8.81
1915	8.93	9.21	8.71	8.66	8.59	8.43	8.63	8.65	8.81	8.59	8.51	8.55	8.69
1916	9.02	8.71	8.57	8.37	8.26	8.32	8.56	8.54	8.57	8.56	8.33	8.47	8.52
1917	8.47	8.58	8.24	8.27	8.29	8.36	8.65	8.55	8.64	8.65	8.52	8.54	8.48
1918	8.39	8.47	8.65	8.50	8.51	8.76	8.72	8.85	8.99	8.90	8.92	8.74	8.70
1919	8.64	8.65	8.55	8.44	8.58	8.51	8.66	8.66	8.83	8.73	8.50	8.59	8.61
1920	8.61	8.57	8.42	8.23	8.41	8.53	8.48	8.70	8.61	8.61	8.59	8.69	8.54
1921	8.77	8.43	8.53	8.21	8.46	8.53	8.81	8.62	8.72	8.73	8.46	8.66	8.58
1922	8.39	8.74	8.31	8.09	8.39	8.69	8.75	8.63	8.71	8.68	8.48	8.71	8.55
1923	8.49	8.49	8.18	8.52	8.33	8.44	8.54	8.56	8.74	8.71	8.78	8.47	8.52
1924	8.50	8.42	8.34	8.31	8.27	8.46	8.55	8.47	8.60	8.48	8.30	8.38	8.42
1925	8.27	8.64	8.62	8.45	8.65	8.62	8.67	8.67	8.70	8.77	8.63	8.79	8.62
1926	8.82	8.85	8.75	8.66	8.36	8.54	8.55	8.62	8.54	8.60	8.79	8.53	8.63
1927	8.60	8.86	8.32	8.42	8.27	8.58	8.53	8.66	8.67	8.73	8.78	8.80	8.60
1928	8.57	8.68	8.55	8.47	8.42	8.53	8.63	8.74	8.63	8.59	8.51	8.63	8.58
1929	8.69	8.45	8.27	8.34	8.36	8.55	8.73	8.64	8.82	8.63	8.57	8.51	8.55
1930	8.80	8.71	8.77	8.53	8.47	8.59	8.70	8.78	8.91	8.85	8.82	8.75	8.72
1931	8.74	8.83	8.39	8.47	8.59	8.59	8.72	8.70	8.70	8.60	8.52	8.65	8.62
1932	8.57	8.74	8.42	8.54	8.67	8.64	8.76	8.88	9.03	8.73	8.56	8.56	8.68
1933	8.57	8.28	8.44	8.43	8.27	8.52	8.73	8.71	8.68	8.53	8.46	8.64	8.52
1934	8.54	8.71	8.59	8.46	8.55	8.61	8.65	8.70	8.85	8.63	8.68	8.64	8.63
1935	8.83	8.66	8.63	8.69	8.63	8.68	8.74	8.88	8.77	8.76	8.56	8.77	8.72
1936	8.60	8.99	8.62	8.40	8.61	8.62	8.73	8.85	8.89	8.84	8.72	8.74	8.72
1937	8.56	8.83	8.78	8.37	8.61	8.65	8.86	8.80	8.80	8.75	8.74	9.01	8.73
1938	8.80	9.14	8.89	8.56	8.62	8.81	8.83	8.76	8.73	8.70	8.51	8.67	8.75
1939	8.57	8.21	8.26	8.33	8.41	8.48	8.59	8.80	9.02	8.82	8.94	8.76	8.60
1940	9.05	9.03	8.90	8.61	8.58	8.71	8.72	8.83	8.96	8.82	8.80	9.39	8.87

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9414290

SAN FRANCISCO,CA 37 48.4N 122 27.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1941	9.40	9.61	9.44	8.92	8.76	8.63	8.93	8.84	9.03	8.98	9.03	9.26	9.07
1942	9.06	9.17	8.63	8.87	8.52	8.56	8.77	8.76	8.85	8.74	8.65	8.56	8.76
1943	8.90	8.80	8.78	8.57	8.57	8.73	8.79	8.76	8.92	8.85	8.76	8.84	8.77
1944	8.68	8.77	8.62	8.42	8.62	8.67	8.85	8.72	8.89	8.74	8.82	8.80	8.72
1945	8.70	8.64	8.46	8.29	8.45	8.71	8.86	8.81	8.95	8.91	8.73	9.00	8.71
1946	8.64	8.66	8.45	8.47	8.60	8.53	8.74	8.73	8.89	8.77	8.84	8.84	8.68
1947	8.66	8.79	8.80	8.42	8.66	8.72	8.60	8.73	8.77	8.77	8.58	8.65	8.68
1948	8.82	8.58	8.57	8.74	8.57	8.80	8.86	8.83	8.86	8.71	8.64	8.74	8.73
1949	8.65	8.81	8.80	8.52	8.66	8.87	8.77	8.79	8.95	8.68	8.70	8.55	8.73
1950	8.61	8.59	8.39	8.48	8.58	8.74	8.93	8.78	8.87	8.87	8.85	9.10	8.73
1951	8.74	8.87	8.64	8.64	8.77	8.91	8.95	9.03	9.07	8.99	9.11	9.07	8.90
1952	9.28	8.92	8.79	8.77	8.63	8.79	8.88	8.90	8.94	8.84	9.02	9.13	8.91
1953	9.00	8.56	8.64	8.48	8.54	8.60	8.84	8.77	8.99	8.79	8.89	8.60	8.72
1954	8.94	8.85	8.88	8.67	8.71	8.67	8.76	8.83	8.76	8.69	8.74	8.81	8.78
1955	8.72	8.58	8.59	8.47	8.59	8.70	8.69	8.86	8.82	8.61	8.58	8.94	8.68
1956	9.13	8.81	8.47	8.65	8.77	8.75	8.87	8.83	8.81	8.74	8.63	8.57	8.75
1957	8.80	8.91	8.70	8.70	8.93	8.86	9.03	8.97	9.15	9.13	9.01	9.09	8.94
1958	9.09	9.53	9.19	8.98	8.86	8.93	8.97	9.14	9.17	9.18	8.90	9.12	9.09
1959	9.12	9.20	8.63	8.78	8.61	8.67	9.00	9.05	9.07	9.09	8.88	8.95	8.92
1960	8.95	8.79	8.65	8.41	8.41	8.80	8.82	8.81	8.93	8.77	8.82	8.84	8.75
1961	8.90	8.73	8.67	8.60	8.45	8.82	8.92	8.93	8.99	8.77	8.84	8.85	8.79
1962	8.80	9.13	8.71	8.36	8.61	8.79	8.93	8.98	9.06	9.18	8.85	8.98	8.86
1963	8.92	9.16	8.65	8.86	8.79	8.91	8.96	8.93	9.08	8.97	9.06	9.05	8.94
1964	8.91	8.64	8.50	8.42	8.57	8.68	8.67	8.99	9.05	8.92	8.91	9.02	8.77
1965	9.10	8.91	8.92	8.93	8.53	8.81	8.85	9.02	9.13	9.01	9.32	9.36	8.99
1966	9.10	8.90	8.66	8.85	8.82	8.83	8.91	9.05	8.96	8.95	9.10	9.00	8.93
1967	9.04	8.89	8.96	8.87	8.79	8.97	8.99	9.04	9.09	8.88	9.13	8.86	8.96
1968	8.98	9.14	8.90	8.59	8.66	8.86	8.93	9.00	9.07	8.93	8.89	8.99	8.91
1969	9.48	9.60	8.95	8.80	8.76	8.85	8.97	9.03	9.12	9.07	9.14	9.19	9.08
1970	9.29	9.14	8.99	8.44	8.65	8.74	8.89	8.90	8.97	8.98	9.09	9.19	8.94
1971	8.86	8.56	8.41	8.51	8.65	8.71	8.85	9.01	9.10	8.91	8.85	8.86	8.77
1972	8.84	8.90	8.73	8.66	8.77	8.97	9.00	9.17	9.16	9.37	9.35	9.38	9.02
1973	9.34	9.52	8.85	8.45	8.67	8.84	8.83	8.94	8.80	8.86	8.80	8.93	8.90
1974	9.14	8.77	9.10	8.86	8.71	8.92	8.91	8.98	9.13	9.03	8.96	8.86	8.95
1975	8.73	8.93	8.92	8.81	8.59	8.80	8.87	8.93	8.98	8.84	8.66	8.64	8.81
1976	8.77	8.90	8.58	8.67	8.69	8.75	9.19	9.16	9.21	9.10	9.07	9.14	8.94
1977	9.01	8.68	8.36	8.35	8.50	8.72	8.77	8.97	9.09	8.95	8.88	9.05	8.78
1978	9.47	9.24	9.27	9.03	8.80	8.61	8.84	9.00	8.99	9.05	8.98	8.80	9.01
1979	9.19	9.03	8.98	8.64	8.77	8.74	8.85	8.94	9.02	9.02	8.86	9.05	8.92
1980	9.36	9.56	9.08	8.72	8.78	8.85	8.91	9.14	9.10	8.98	8.80	9.01	9.02
1981	9.14	8.91	8.89	8.68	8.75	8.73	8.98	8.91	8.93	8.99	9.12	9.07	8.92
1982	9.11	9.05	9.28	9.11	9.06	9.07	9.05	9.15	9.43	9.33	9.70	9.50	9.24
1983	9.79	9.96	9.88	9.39	9.27	9.36	9.47	9.53	9.79	9.54	9.47	9.45	9.58

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9414290

SAN FRANCISCO,CA 37 48.4N 122 27.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1984	9.27	9.02	8.95	8.64	8.72	9.00	9.31	9.31	9.47	9.06	9.23	9.17	9.10
1985	9.04	8.83	8.70	8.73	8.64	8.94	9.00	8.98	9.19	9.03	8.98	8.97	8.92
1986	9.11	9.55	9.38	8.91	8.83	8.88	9.10	9.15	9.21	9.16	9.10	9.23	9.13

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9414750

ALAMEDA,CA 37 46.3N 122 17.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1939				6.24	6.34	6.43	6.57	6.64	6.84	6.65	6.68	6.59	
1940	6.92	6.96	6.86	6.61	6.58	6.64	6.64	6.69	6.84	6.71	6.67	7.26	6.78
1941	7.25	7.56	7.36	6.88	6.75	6.59	6.87	6.74	6.92	6.86	6.86	7.06	6.98
1942	6.92	7.08	6.56	6.79	6.47	6.52	6.67	6.64	6.71	6.60	6.47	6.41	6.65
1943	6.82	6.78	6.73	6.51	6.49	6.66	6.69	6.63	6.77	6.67	6.51	6.65	6.66
1944	6.49	6.64	6.53	6.24	6.44	6.53	6.65	6.56	6.67	6.52	6.59	6.60	6.54
1945	6.51	6.51	6.33	6.15	6.39	6.64	6.73	6.64	6.75	6.71	6.56	6.80	6.56
1946	6.56	6.56	6.33	6.37	6.60	6.43	6.59	6.60	6.74	6.65	6.69	6.73	6.57
1947	6.51	6.63	6.65	6.30	6.51	6.61	6.47	6.59	6.64	6.64	6.47	6.53	6.55
1948	6.69	6.47	6.43	6.64	6.50	6.69	6.76	6.71	6.68	6.58	6.41	6.57	6.59
1949	6.53	6.64	6.66	6.40	6.52	6.71	6.67	6.64	6.73	6.50	6.55	6.42	6.58
1950	6.44	6.47	6.27	6.39	6.51	6.61	6.87	6.67	6.74	6.75	6.75	6.97	6.62
1951	6.54	6.75	6.52	6.49	6.62	6.80	6.79	6.86	6.92	6.79	6.87	6.87	6.74
1952	7.09	6.82	6.67	6.64	6.52	6.73	6.78	6.76	6.79	6.63	6.80	6.92	6.76
1953	6.88	6.45	6.48	6.35	6.43	6.48	6.73	6.63	6.85	6.61	6.70	6.43	6.58
1954	6.76	6.75	6.80	6.59	6.61	6.56	6.62	6.65	6.61	6.54	6.53	6.61	6.64
1955	6.53	6.44	6.40	6.24	6.35	6.51	6.46	6.65	6.61	6.36	6.36	6.76	6.47
1956	6.97	6.68	6.36	6.52	6.62	6.63	6.71	6.65	6.65	6.58	6.42	6.41	6.60
1957	6.55	6.66	6.52	6.46	6.70	6.70	6.85	6.78	6.93	6.96	6.76	6.78	6.72
1958	6.91	7.36	7.08	6.87	6.76	6.78	6.79	6.99	7.02	6.89	6.60	6.78	6.90
1959	6.78	6.91	6.47	6.50	6.34	6.49	6.70	6.75	6.80	6.84	6.66	6.75	6.67
1960	6.76	6.55	6.55	6.25	6.26	6.68	6.65	6.75	6.84	6.60	6.61	6.66	6.60
1961	6.72	6.57	6.51	6.42	6.22	6.56	6.61	6.70	6.74	6.54	6.55	6.56	6.56
1962	6.65	6.91	6.54	6.34	6.47	6.50	6.68	6.63	6.74	6.95	6.58	6.73	6.64
1963	6.65	6.87	6.51	6.65	6.63	6.79	6.77	6.79	6.89	6.81	6.81	6.66	6.74
1964	6.84	6.57	6.35	6.27	6.39	6.50	6.50	6.70	6.69	6.74	6.68	6.91	6.60
1965	7.02	6.76	6.73	6.86	6.34	6.66	6.70	6.89	6.98	6.86	6.93	7.06	6.82
1966	6.89	6.65	6.40	6.64	6.54	6.57	6.55	6.70	6.62	6.61	6.80	6.76	6.64
1967	6.85	6.73	6.76	6.66	6.60	6.89	6.85	6.92	6.93	6.67	6.91	6.66	6.79
1968	6.81	6.92	6.61	6.40	6.46	6.49	6.68	6.77	6.81	6.78	6.64	6.73	6.68
1969	7.24	7.40	6.74	6.65	6.68	6.79	6.83	6.88	7.02	6.91	6.90	6.97	6.92
1970	7.05	6.97	6.78	6.18	6.36	6.51	6.66	6.67	6.71	6.72	6.76	6.82	6.68
1971	6.58	6.33	6.21	6.33	6.41	6.54	6.69	6.77	6.89	6.71	6.54	6.56	6.55
1972	6.58	6.59	6.46	6.38	6.48	6.68	6.72	6.91	6.90	7.05	6.90	6.90	6.71
1973	6.97	7.23	6.73	6.26	6.48	6.62	6.62	6.63	6.58	6.58	6.58	6.74	6.67
1974	6.86	6.50	6.78	6.64	6.54	6.76	6.72	6.79	6.84	6.79	6.60	6.54	6.70
1975	6.42	6.61	6.63	6.50	6.44	6.69	6.63	6.66	6.67	6.53	6.37	6.33	6.54
1976	6.27	6.44	6.25	6.35	6.44	6.52	6.72	6.72	6.92	6.79	6.75	6.85	6.58
1977	6.68	6.42	6.16	6.11	6.26	6.49	6.54	6.71	6.83	6.71	6.56	6.80	6.52
1978	7.23	7.08	7.07	6.82	6.45	6.38	6.61	6.67	6.50	6.72	6.73	6.57	6.74
1979	6.72	6.82	6.74	6.45	6.48	6.53	6.63	6.72	6.79	6.76	6.61	6.80	6.67
1980	7.14	7.33	6.86	6.49	6.51	6.60	6.68	6.86	6.82	6.70	6.52	6.73	6.77
1981	6.85	6.64	6.64	6.42	6.49	6.46	6.70	6.61	6.65	6.69	6.82	6.83	6.65
1982	6.86	6.80	7.05	6.89	6.77	6.83	6.80	6.88	7.14	7.04	7.41	7.22	6.97

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9414750

ALAMEDA,CA 37 46.3N 122 17.9W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1983	7.54	7.71	7.59	7.13	7.00	7.10	7.16	7.26	7.49	7.22	7.15	7.17	7.29
1984	6.99	6.75	6.68	6.38	6.41	6.69	7.00	6.99	7.16	6.76	6.92	6.88	6.80
1985	6.76	6.54	6.41	6.46	6.37	6.68	6.73	6.71	6.89	6.72	6.63	6.66	6.63
1986	6.80	7.26	7.12	6.64	6.56	6.60	6.83	6.84	6.88	6.89	6.77	6.92	6.84

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9419750

CRESENT CITY,CA 41 44.7N 124 11.OW

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1933	7.50	7.22	7.27	7.18	7.08	7.19	7.33	7.39	7.50	7.30	7.23	7.83	7.34
1934	7.46	7.73	7.40	7.26	7.37	7.20	7.26	7.39	7.53	7.47	7.84	7.61	7.46
1935	7.87	7.70	7.54	7.41	7.09	7.16	7.29	7.49	7.51	7.57	7.41	7.88	7.49
1936	7.66	8.04	7.13	7.17	7.49	7.51	7.40	7.38	7.46	7.44	7.40	7.46	7.46
1937	7.27	7.66	7.62	7.12	7.19	7.48	7.44	7.37	7.47	7.58	7.86	7.84	7.49
1938	7.74	8.15	7.87	7.32	7.14	7.19	7.47	7.39	7.49	7.54	7.26	7.39	7.50
1939	7.52	7.05	7.23	7.10	7.28	7.08	7.29	7.53	7.65	7.39	7.53	7.84	7.37
1940	8.21	8.11	7.73	7.22	7.30	7.18	7.33	7.43	7.67	7.70	7.60	8.30	7.65
1941	8.23	8.41	8.10	7.54	7.60	7.35	7.53	7.54	7.60	7.59	7.91	8.21	7.80
1942	8.03	7.70	7.25	7.52	7.34	7.13	7.40	7.40	7.40	7.37	7.53	7.67	7.48
1943	7.65	7.72	7.52	7.35	6.97	7.38	7.37	7.44	7.75	7.56	7.63	7.81	7.51
1944	7.61	7.71	7.45	7.17	7.31	7.28	7.45	7.35	7.54	7.45	7.69	7.77	7.48
1945	7.63	7.52	7.43	6.36	7.35	7.16	7.51	7.45	7.48	7.49	7.96	8.19	7.46
1946	7.59	7.95	7.44	7.32	7.38	7.29	7.35	7.43	7.58	7.49	7.56	7.76	7.51
1947	7.47	7.78	7.76	7.48	7.33	7.33	7.20	7.36	7.42	7.48	7.45	7.62	7.47
1950	7.54	7.53	7.22	7.23	6.98	7.20	7.42	7.41	7.46	7.58	7.72	8.01	7.44
1951	7.70	7.79	7.44	7.28	7.37	7.52	7.42	7.50	7.56	7.57	7.98	8.04	7.60
1952	8.21	7.82	7.43	7.33	7.34	7.33	7.43	7.53	7.59	7.55	7.81	8.10	7.62
1953	7.93	7.13	7.33	7.22	7.26	7.12	7.34	7.47	7.63	7.40	7.80	7.38	7.42
1954	8.06	7.79	7.65	7.31	7.19	7.28	7.33	7.46	7.42	7.44	7.64	7.73	7.52
1955	7.54	7.26	7.11	7.22	6.85	7.15	7.25	7.33	7.38	7.22	7.45	8.08	7.32
1956	8.12	7.29	7.10	7.32	7.38	7.27	7.38	7.31	7.40	7.38	7.09	7.35	7.37
1957	7.40	7.63	7.52	7.14	7.48	7.19	7.40	7.42	7.61	7.78	7.62	7.88	7.51
1958	8.16	8.54	7.73	7.47	7.30	7.40	7.43	7.58	7.45	7.65	7.47	7.66	7.65
1959	7.84	8.00	7.14	7.03	7.01	7.11	7.36	7.45	7.53	7.41	7.34	7.60	7.40
1960	7.77	7.52	7.46	7.19	7.16	7.22	7.29	7.27	7.47	7.34	7.54	7.65	7.41
1961	7.81	7.68	7.70	7.07	7.29	7.40	7.35	7.45	7.39	7.23	7.50	7.47	7.44
1962	7.34	7.97	7.51	7.06	7.26	7.20	7.37	7.50	7.67	7.81	7.46	7.63	7.48
1963	7.41	7.86	7.40	7.65	7.37	7.18	7.42	7.41	7.69	7.63	7.84	7.60	7.54
1964	7.72	6.97	7.00	6.82	6.94	7.00	6.96	7.37	7.28	7.35	7.76	8.02	7.27
1965	7.95	7.34	7.51	7.59	6.86	7.22	7.38	7.61	7.68	7.67	8.19	7.99	7.58
1966	7.89	7.51	7.49	7.17	7.14	7.10	7.29	7.46	7.42	7.32	7.84	7.83	7.46
1967	7.62	7.28	7.58	7.46	7.20	7.28	7.26	7.47	7.58	7.31	7.54	7.38	7.41
1968	7.70	7.81	7.39	6.78	7.12	7.04	7.34	7.61	7.48	7.53	7.61	7.93	7.44
1969	8.05	8.14	7.26	7.34	7.18	7.28	7.02	7.18	7.51	7.56	7.55	7.85	7.49
1970	8.06	7.78	7.37	6.67	7.00	7.18	7.34	7.32	7.22	7.47	7.82	7.93	7.43
1971	7.33	7.08	7.30	6.92	7.08	7.12	7.30	7.33	7.52	7.29	7.40	7.65	7.28
1972	7.48	7.68	7.53	7.24	7.16	7.47	7.49	7.60	7.53	7.68	7.73	7.82	7.53
1973	7.77	7.86	7.32	6.77	6.97	7.09	7.22	7.32	7.32	7.30	7.82	7.91	7.39
1974	7.69	7.28	7.67	7.28	6.97	7.15	7.33	7.41	7.49	7.30	7.33	7.35	7.35
1975	7.22	7.55	7.39	6.99	6.94	6.89	7.28	7.28	7.37	7.34	7.35	7.09	7.22
1976	7.22	7.50	7.05	7.09	6.95	7.12	7.40	7.47	7.58	7.49	7.53	7.63	7.34
1977	7.55	7.36	6.95	6.73	7.09	7.12	7.12	7.46	7.58	7.56	7.46	7.96	7.33
1978	8.40	8.03	7.65	7.48	6.90	6.96	7.18	7.31	7.39	7.45	7.37	7.14	7.44

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9419750

CRESENT CITY,CA 41 44.7N 124 11.0W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1979	7.66	7.61	7.39	7.05	6.90	6.89	7.09	7.30	7.45	7.62	7.59	7.73	7.36
1980	7.85	8.01	7.35	7.08	7.04	7.15	7.24	7.39	7.45	7.37	7.23	7.65	7.40
1981	7.95	7.51	7.34	6.94	7.01	6.96	7.19	7.11	7.27	7.56	7.93	7.77	7.38
1982	7.39	7.50	7.75	7.39	6.95	7.36	7.29	7.40	7.59	7.71	8.17	8.08	7.55
1983	8.39	8.54	8.32	7.52	7.37	7.34	7.45	7.69	7.81	7.71	8.10	7.88	7.84
1984	7.49	7.56	7.43	6.98	7.03	7.11	7.38	7.47	7.52	7.38	7.79	7.59	7.39
1985	7.46	7.02	6.95	6.99	6.96	7.20	7.32	7.28	7.52	7.34	7.23	7.47	7.23
1986	7.86	8.03	7.53	6.97	6.99	7.16	7.22	7.40	7.46	7.46	7.35	7.72	7.43

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9439040

ASTORIA,OR 46 12.5N 123 46.0W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1925		7.63	6.63	6.88	7.10	7.07	6.70	6.47	6.58	6.36	6.71	6.99	
1926	6.86	7.49	6.55	6.64	6.94	6.35	6.32	6.33	6.39	6.75	7.25	7.11	6.75
1927	7.32	7.66	6.69	6.65	6.95	7.28	6.88	6.62	6.75	7.00	7.48	7.14	7.04
1928	7.16	6.75	7.23	7.16	7.02	7.09	6.77	6.42	6.30	6.47	6.77	6.91	6.84
1929	6.51	6.16	6.45	6.66	6.42	7.07	6.59	6.38	6.28	6.37	5.92	6.75	6.46
1930	6.35	7.20	6.45	6.81	6.74	6.75	6.38	6.54	6.52	6.45	6.62	6.64	6.62
1931	7.14	6.89	6.68	6.75	6.62	6.92	6.39	6.21	6.50	6.47	6.63	7.25	6.70
1932	6.96	6.74	7.05	7.27	7.14	6.97	6.81	6.47	6.17	6.38	7.05	7.02	6.84
1933	7.34	6.66	7.02	6.40	7.15	7.37	6.82	6.53	6.76	6.41	6.44	8.08	6.92
1934	7.51	7.02	6.87	6.90	7.30	6.83	6.57	6.41	6.35	6.68	7.51	7.17	6.93
1935	7.42	7.01	7.06	6.69	6.52	7.00	6.69	6.43	6.38	6.35	6.21	6.84	6.72
1936	7.37	6.91	6.56	6.53	7.33	7.42	6.69	6.36	6.21	6.21	6.12	6.74	6.70
1937	6.28	7.07	6.78	6.90	6.83	7.14	6.56	6.37	6.30	6.58	7.35	7.34	6.79
1938	7.08	7.30	7.32	6.86	6.79	6.81	6.71	6.17	6.29	6.52	6.44	6.68	6.75
1939	6.91	6.64	6.51	6.40	6.84	6.64	6.52	6.43	6.39	6.39	6.61	7.27	6.63
1940	7.03	7.56	7.12	6.75	6.79	6.51	6.50	6.36	6.63	6.86	6.77	7.35	6.85
1941	7.33	7.22	7.02	6.74	7.01	6.74	6.37	6.40	6.67	6.69	7.09	7.77	6.92
1942	6.88	6.98	6.51	7.06	6.95	6.92	6.86	6.42	6.24	6.36	7.03	7.25	6.79
1943	6.98	7.07	6.70	7.30	6.66	7.08	6.83	6.48	6.28	6.72	6.62	6.55	6.77
1944	6.78	6.65	6.28	6.56	6.40	6.61	6.24	6.19	6.32	6.38	6.85	6.48	6.48
1945	6.82	6.84	6.90	6.16	6.86	6.66	6.44						
1946										6.41	6.76	7.19	
1947	6.69	6.88	6.79	6.57	6.78	7.10	6.66	6.34	6.16	7.06	6.73	7.05	6.73
1948	7.07	7.02	6.76	7.11	7.27	7.89	7.30	7.07	7.07	6.90	7.25	7.76	7.21
1949	6.72	8.04	7.67	7.26	7.74	6.79	6.27	6.39	6.31	6.04	6.79	6.91	6.91
1950	7.09	7.02	7.13	6.70	6.53	7.14	6.98	6.44	6.31	7.02	7.23	7.50	6.92
1951	7.44	7.31	6.82	6.58	7.03	6.87	6.80	6.37	6.48	6.89	7.14	7.32	6.92
1952	7.40	7.12	6.89	6.69	6.80	6.83	6.48	6.36	6.28	6.20	6.50	7.33	6.74
1953	8.03	6.84	6.76	6.55	6.82	6.99	6.57	6.46	6.42	6.48	7.29	7.14	6.86
1954	7.61	7.30	6.75	6.54	6.63	7.23	6.84	6.48	6.55	6.56	7.00	7.08	6.88
1955	6.80	6.56	6.45	6.79	6.27	6.82	6.83	6.16	6.18	6.57	6.97	7.69	6.67
1956	7.85	6.75	6.98	6.78	7.07	7.34	6.60	6.25	6.19	6.63	6.30	6.71	6.79
1957	6.42	6.85	7.08	6.64	7.42	7.00	6.54	6.46	6.51	6.71	6.60	7.45	6.81
1958	7.37	7.90	7.01	7.01	6.87	7.18	6.50	6.35	6.39	6.55	7.00	7.11	6.94
1959	7.41	7.29	6.70	6.58	6.77	7.07	6.61	6.27	6.65	6.73	6.61	6.86	6.80
1960	6.77	7.02	6.82	7.04	7.00	6.59	6.35	6.22	6.07	6.41	6.98	6.79	6.67
1961	7.08	7.57	7.43	6.47	6.90	7.14	6.45	6.22	6.15	6.28	6.47	6.89	6.75
1962	6.41	6.97	6.71	6.69	6.75	6.63	6.29	6.36	6.42	6.84	7.04	6.96	6.67
1963	6.25	7.05	6.66	7.10	6.82	6.72	6.65	6.30	6.57	6.90	7.26	6.80	6.76
1964	7.56	6.23	6.60	6.09	6.48	7.05	6.65	6.35	6.20	6.41	6.83	7.62	6.67
1965	7.50	7.15	6.65	6.83	6.56	6.80	6.56	6.57	6.35	6.55	7.22	7.26	6.83
1966	7.47	6.88	6.97	6.36	6.31	6.63	6.53	6.26	6.29	6.36	6.85	7.37	6.69
1967	7.36	6.77	6.97	6.76	6.38	6.99	6.57	6.21	6.38	6.67	6.65	6.92	6.72
1968	7.03	7.16	6.86	6.04	6.45	6.57	6.54	6.59	6.44	6.78	7.16	7.59	6.77

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9439040

ASTORIA,OR 46 12.5N 123 46.0W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1969	7.65	7.49	6.72	7.21	6.98	6.95	6.39	6.23	6.45	6.59	6.77	7.25	6.89
1970	7.45	7.13	6.63	6.26	6.27	6.54	6.21	6.16	6.14	6.48	6.92	7.49	6.64
1971	7.16	6.81	7.13	6.86	6.94	7.09	6.49	6.46	6.44	6.34	6.90	7.37	6.83
1972	7.26	7.28	7.49	7.11	6.91	7.15	6.71	6.51	6.52	6.40	6.92	7.25	6.96
1973	7.23	6.91	6.79	6.03	6.21	6.27	6.08	6.10	6.22	6.38	7.38	7.66	6.60
1974	7.54	7.15	7.32	6.98	6.73	6.94	6.75	6.27	6.34	6.20	6.75	7.00	6.83
1975	7.06	7.11	7.03	6.48	6.50	6.41	6.34	6.15	6.12	6.75	7.00	7.05	6.67
1976	7.03	7.13	6.82	6.82	6.69	6.55	6.61	6.62	6.61	6.47	6.61	6.71	6.72
1977	6.56	6.59	6.31	5.89	6.51	6.14	5.94	6.33	6.54	6.56	6.97	7.69	6.50
1978	7.57	7.37	6.83	6.87	6.49	6.48	6.21	6.29	6.64	6.32	6.42	6.53	6.67
1979	6.39	7.24	6.78	6.59	6.47	6.03	6.25	6.17	6.44	6.67	6.68	7.23	6.58
1980	7.18	7.15	6.77	6.62	6.49	6.63	6.17	6.17	6.32	6.30	6.75	7.19	6.64
1981	7.12	7.07	6.77	6.56	6.60	6.80	6.29	6.33	6.38	6.70	7.12	7.50	6.77
1982	7.17	7.27	7.47	7.10	6.48	6.81	6.60	6.45	6.61	6.90	7.37	7.64	6.99
1983	7.96	8.04	7.95	7.05	6.91	6.86	6.86	6.71	6.61	6.57	7.53	6.99	7.17
1984		7.17	7.10	6.88	6.90	6.77	6.34	6.43			7.59	6.97	
1985	6.60	6.55	6.55	6.60	6.57	6.41	6.17	6.17	6.46	6.54	6.59	6.54	6.48
1986	7.19	7.39	7.24	6.58	6.65	6.55	6.24	6.24	6.40	6.43	6.84	6.98	6.73*

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

* DENOTES THAT VALUES ARE CONSIDERED PRELIMINARY AND MAYBE SUBJECTED TO MINOR CHANGES.

RUN DATE 08/19/87

STATION NO. 9443090

NEAH BAY,WA 48 22.1N 124 37.0W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1934								6.21	6.27	6.69	7.52	7.23	
1935	7.78	6.88	6.98	6.41	6.01	6.18	6.19	6.18	6.40	6.46	6.39	7.11	6.58
1936	7.18	6.94	6.32	6.22	6.51	6.71	6.39	6.28	6.13	6.22	6.13	6.81	6.49
1937	6.33	6.91	6.78	6.67	6.40	6.51	6.16	6.22	6.21	6.64	7.28	7.11	6.60
1938	6.93	7.33	7.03	6.42	6.00	5.91	6.10	5.99	6.18	6.67	6.36	6.59	6.46
1939	6.98	6.46	6.34	6.10	6.24	6.12	6.12	6.25	6.37	6.45	6.88	7.34	6.47
1940	7.14	7.36	6.96	6.39	6.38	6.01	6.26	6.17	6.61	6.97	6.89	7.50	6.72
1941	7.35	7.28	7.01	6.58	6.59	6.30	6.24	6.31	6.64	6.64	7.08	7.41	6.79
1942	7.02	6.82	6.44	6.81	6.46	6.18	6.40	6.27	6.21	6.48	7.01	7.09	6.60
1943	6.74	6.85	6.59	6.74	6.04	6.25	6.20	6.23	6.24	6.76	6.64	6.58	6.49
1944	6.99	6.57	6.22	6.52	6.17	6.14	6.14	6.16	6.32	6.45	7.13	6.76	6.46
1945	6.88	6.75	6.80	5.93	6.50	6.08	6.19	6.13	6.21	6.31	7.07	7.33	6.52
1946	6.83	7.07	6.69	6.50	6.18	6.41	6.27	6.06	6.33	6.34	6.59	6.83	6.51
1947	6.59	6.70	6.61	6.28	6.13	6.42	6.26	6.23	6.16	7.04	6.35	6.96	6.48
1948	6.76	6.79	6.62	6.96	6.67	6.36	6.27	6.38	6.47	6.33	6.61	6.92	6.60
1949	6.19	7.11	6.87	6.15	6.40	6.15	6.09	6.33	6.32	6.06	6.93	6.80	6.45
1950	6.85	6.97	6.96	6.48	5.96	6.21	6.16	6.23	6.29	7.11	7.02	7.31	6.63
1951	7.03									6.91	7.27	7.02	
1952	7.48	7.01	6.59	6.18	6.09	6.15	6.14	6.32	6.29	6.28	6.66	7.50	6.56
1953	7.69	6.43	6.68	6.34	6.49	6.17	6.10	6.37	6.43	6.57	7.35	6.86	6.62
1954	7.46	7.11	6.66	6.35	6.11	6.44	6.15	6.20	6.39	6.55	7.06	7.19	6.64
1955	6.68	6.35	6.15	6.60	5.87	5.94	6.06	6.03	6.14	6.40	6.65	7.21	6.34
1956	7.50	6.50	6.66	6.17	6.15	6.30	6.09	6.01	6.18	6.53	6.13	6.61	6.40
1957	6.46	6.62	6.78	6.32	6.47	6.15	6.27	6.34	6.45	6.68	6.64	7.22	6.53
1958	7.32	7.68	6.85	6.73	6.22	6.41	6.30	6.30	6.37	6.55	6.67	6.97	6.70
1959					6.17	6.28	6.03	6.05	6.59	6.46	6.35	6.78	
1960	6.82	6.68	6.51	6.74	6.52	5.98	5.98	6.11	6.10	6.39	6.82	6.78	6.45
1961	7.11	7.29	7.26	6.25	6.37	6.21	6.11	6.27	6.08	6.16	6.39	6.71	6.52
1962	6.34	6.84	6.45	6.24	6.30	5.94	5.91	6.28	6.35	6.79	6.94	6.88	6.44
1963	6.17	6.87	6.44	6.85	6.39	6.09	6.28	6.10	6.47	6.86	7.21	6.82	6.55
1964	7.25	6.04	6.31	5.82	5.89	6.05	6.14	6.21	6.18	6.28	6.69	7.06	6.33
1965	7.09	6.59	6.28	6.52	5.98	6.08	6.11	6.40	6.32	6.66	7.35	7.39	6.56
1966	7.30	6.85	6.88	6.12	5.91	5.86	6.15	6.16	6.25	6.40	6.92	7.39	6.52
1967	7.05	6.48	6.94	6.61	6.07	6.19	6.05	6.18	6.38	6.77	6.52	6.71	6.50
1968	6.92	6.96	6.82	5.93	6.20	6.00	6.14	6.42	6.26	6.71	6.93	7.28	6.55
1969	7.25	7.28	6.40	6.80	6.28	6.33	5.96	6.09	6.41	6.55	6.64	7.13	6.59
1970	6.99	6.77	6.44	5.85	5.82	5.95	5.96	6.06	6.07	6.42	6.77	7.18	6.36
1971	6.56	6.36	6.58	6.37	6.06	6.21	6.11	6.35	6.35	6.28	6.60	6.83	6.39
1972	6.63	6.96	6.82	6.53	6.06	6.11	6.20	6.23	6.34	6.23	6.85	7.03	6.50
1973	7.04	6.75	6.60	5.73	5.91	5.96	5.84	5.92	6.08	6.25	6.94	7.24	6.36
1974	6.75	6.76	6.98	6.51	6.08	6.09	6.16	6.06	6.11	5.92	6.64	6.73	6.40
1975	6.41	6.82	6.55	5.93	5.81	5.80	5.94	6.11	5.95	6.71	6.83	6.48	6.28
1976	6.49			6.23				6.55	6.28	6.28	6.33		
1977	6.46	6.61	6.26	5.84	6.19	5.94	5.89	6.40	6.45	6.43	6.84	7.26	6.38

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9443090

NEAH BAY,WA 48 22.1N 124 37.0W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1978					6.02	6.03	5.96	6.22	6.54	6.16	6.20	6.24	
1979	6.39	6.99	6.40	6.20	5.96	5.79	6.17	6.08	6.37	6.60	6.61	7.02	6.38
1980	6.77	7.00	6.53	6.32	6.01	6.08	5.89	6.03	6.18	6.22	6.67	6.92	6.38
1981	6.85	6.69	6.43	6.21	6.08	6.09	5.89	6.07	6.21	6.54	7.02	7.04	6.43
1982	6.65	6.76	6.76	6.62	5.83	6.09	6.11	6.17	6.38	6.75	7.17	7.22	6.54
1983	7.56	7.65	7.38	6.45	6.28	6.27	6.43	6.40	6.34	6.38	7.50	6.70	6.78
1984	6.39	6.79	6.62	6.33	6.23	5.95	5.89	6.14	6.30	6.58	7.26	6.58	6.42
1985	6.30	6.12	6.04	6.06	5.98	5.97	6.01	5.96	6.23	6.39	6.22	6.24	6.13
1986	6.99	6.90	6.77	5.99	6.15	6.05	5.97	6.03	6.18	6.16	6.44	6.82	6.37

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9447130

SEATTLE,WA 47 36.2N 122 20.2W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1899	14.20	13.83	13.86	13.76	13.66	13.69	13.73	13.74	13.69	13.89	14.70	14.48	13.94
1900	14.48	14.22	14.33	13.91	14.12	14.13	13.87	13.75	13.69	14.08	14.15	14.47	14.10
1901	14.33	14.05	13.97	13.59	13.85	13.71	13.69	13.73	13.85	13.73	14.17	13.94	13.88
1902	13.94	14.59	14.17	13.85	13.91	13.81	13.82	13.86	13.81	14.03	14.34	14.54	14.06
1903	14.50	14.01	14.16	13.83	13.70	13.81	13.78	13.80	13.76	13.94	14.43	14.12	13.99
1904	14.07	14.83	14.56	14.08	13.77	13.72	13.87	13.76	13.77	13.84	14.56	14.38	14.10
1905	14.43	14.45	14.50	14.06	13.92	13.74	13.85	13.89	13.95	13.91	14.04	14.25	14.08
1906	14.43	14.55	14.32	13.95	14.02	14.21	13.96	13.94	13.79	13.73	14.05	14.36	14.11
1907	14.36	14.27	14.44	14.14	14.07	14.09	14.05	14.00	14.02	13.90	14.07	14.61	14.17
1908	14.63	14.18	14.10	13.92	13.98	13.91	13.98	14.01	13.87	13.88	14.27	14.20	14.08
1909	14.78	14.84	14.07	13.69	13.75	13.89	13.93	13.86	13.88	14.03	14.48	14.29	14.12
1910	14.46	14.10	14.11	13.89	13.91	13.89	13.82	13.70	13.72	13.87	14.22	14.08	13.98
1911	14.33	14.03	13.96	13.79	13.96	13.82	13.93	13.80	13.88	14.04	13.96	13.96	13.96
1912	14.41	13.98	13.92	13.82	13.84	13.85	13.86	13.79	13.80	13.94	14.30	14.00	13.96
1913	14.24	13.82	13.81	13.99	13.74	14.00	13.86	13.90	13.86	13.63	14.35	14.27	13.96
1914	15.26	14.18	14.04	14.15	14.00	13.98	13.88	13.86	13.90	14.24	14.08	14.41	14.16
1915	14.47	14.77	14.17	14.24	14.27	13.84	13.99	14.00	14.03	13.99	14.38	14.58	14.23
1916	14.48	14.27	14.37	14.05	13.97	13.90	14.08	14.04	14.00	13.67	13.87	14.26	14.08
1917	13.89	13.86	13.83	14.01	13.70	13.80	13.95	13.79	13.89	13.61	13.92	14.36	13.88
1918	14.36	14.42	14.40	14.00	13.98	13.99	14.01	13.97	14.07	14.14	14.40	14.41	14.18
1919	14.65	14.53	14.23	14.10	14.03	13.86	13.87	13.86	13.96	13.75	13.98	14.12	14.08
1920	13.98	13.77	14.18	13.68	13.69	13.80	13.87	13.83	14.04	14.29	14.09	14.67	13.99
1921	14.49	14.18	14.15	13.75	13.82	13.99	13.79	13.79	13.84	14.07	14.16	14.21	14.02
1922	13.86	14.24	13.98	13.55	13.72	13.88	13.86	13.92	13.90	14.02	13.92	14.37	13.94
1923	14.65	13.83	13.46	13.97	13.81	14.00	13.85	13.92	13.95	14.07	14.14	14.33	14.00
1924	14.09	14.38	13.71	13.62	13.69	13.74	13.70	13.43	13.82	14.27	14.23	14.07	13.90
1925	14.29	14.73	14.02	13.92	13.97	13.99	13.98	13.95	13.90	13.87	14.16	14.39	14.10
1926	14.45	14.72	13.94	14.06	14.00	13.72	13.78	13.90	13.90	14.15	14.49	14.22	14.11
1927	14.58	14.67	13.96	13.93	13.84	14.00	13.86	13.97	14.03	14.20	14.46	14.14	14.14
1928	14.35	14.09	14.30	14.23	13.90	13.94	13.93	13.99	13.86	13.91	14.16	14.25	14.08
1929	13.91	13.67	13.79	13.97	13.74	14.17	13.98	13.99	13.88	13.96	13.51	14.11	13.89
1930	13.98	14.42	14.02	14.19	13.92	13.93	13.90	14.10	14.12	14.09	14.14	14.19	14.08
1931	14.50	14.34	13.97	13.96	13.95	14.07	13.89	13.88	13.97	14.01	14.03	14.64	14.10
1932	14.22	14.24	14.15	14.42	14.10	13.88	13.98	14.00	13.82	13.99	14.34	14.33	14.12
1933	14.54	14.05	14.36	13.79	14.11	14.04	13.92	13.92	14.14	13.84	13.86	14.99	14.13
1934	14.56	14.40	14.24	14.00	14.16	13.90	13.91	13.87	13.89	14.09	14.67	14.34	14.17
1935	14.76	14.42	14.46	14.03	13.76	13.87	14.03	13.96	14.00	13.98	13.86	14.45	14.13
1936	14.54	14.41	13.94	13.79	14.11	14.25	14.00	13.94	13.83	13.81	13.74	14.23	14.05
1937	13.88	14.46	14.25	14.14	14.01	14.14	13.99	13.90	13.88	14.09	14.57	14.52	14.15
1938	14.44	14.81	14.61	14.04	13.86	13.86	13.98	13.85	13.92	14.06	13.90	14.11	14.12
1939	14.36	13.95	13.86	13.75	13.97	13.91	13.91	14.02	14.02	14.00	14.21	14.71	14.06
1940	14.61	14.79	14.48	14.04	14.09	13.88	14.00	13.93	14.21	14.41	14.29	14.88	14.30
1941	14.85	14.82	14.64	14.26	14.27	14.02	14.07	14.14	14.23	14.12	14.54	14.94	14.41
1942	14.49	14.37	14.00	14.40	14.14	13.97	14.10	14.02	13.94	14.01	14.41	14.43	14.19

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9447130

SEATTLE,WA 47 36.2N 122 20.2W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1943	14.24	14.39	14.14	14.24	13.86	14.12	14.03	14.01	13.99	14.29	14.15	14.13	14.13
1944	14.44	14.18	13.92	14.06	13.89	13.98	13.95	13.91	14.02	14.03	14.50	14.29	14.10
1945	14.41	14.31	14.32	13.71	14.18	13.93	14.05	13.99	13.95	13.98	14.54	14.81	14.18
1946	14.39	14.57	14.31	14.12	14.09	14.14	14.11	13.91	14.10	14.02	14.18	14.48	14.20
1947	14.27	14.42	14.32	13.98	14.00	14.19	14.09	14.03	13.94	14.51	14.07	14.35	14.18
1948	14.37	14.41	14.23	14.58	14.33	14.21	14.16	14.12	14.10	14.00	14.17	14.52	14.27
1949	13.86	14.63	14.47	13.92	14.15	13.98	13.95	14.04	14.02	13.72	14.30	14.29	14.11
1950	14.49	14.48	14.47	14.19	13.89	14.11	14.14	14.10	14.08	14.61	14.53	14.80	14.32
1951	14.65	14.72	14.28	14.03	14.19	14.10	14.22	14.06	14.20	14.40	14.65	14.58	14.34
1952	14.89	14.54	14.25	14.04	13.88	14.04	14.02	14.19	14.06	13.93	14.21	15.01	14.26
1953	15.14	14.18	14.31	14.06	14.25	14.01	14.00	14.15	14.17	14.18	14.88	14.47	14.32
1954	15.03	14.76	14.38	14.21	14.10	14.29	14.11	14.12	14.13	14.21	14.55	14.72	14.38
1955	14.35	14.12	13.95	14.27	13.82	14.01	14.03	13.88	13.93	14.10	14.35	14.89	14.14
1956	15.12	14.36	14.38	14.10	14.21	14.24	14.15	14.08	14.14	14.27	13.94	14.35	14.28
1957	14.18	14.39	14.56	14.17	14.52	14.22	14.19	14.22	14.33	14.40	14.30	14.94	14.37
1958	14.99	15.30	14.51	14.48	14.19	14.28	14.18	14.30	14.27	14.34	14.52	14.80	14.51
1959	14.88	14.83	14.32	14.29	14.11	14.23	14.20	14.19	14.40	14.35	14.29	14.55	14.39
1960	14.63	14.64	14.43	14.45	14.33	14.14	14.05	14.15	14.11	14.22	14.48	14.51	14.34
1961	14.84	14.86	14.81	14.14	14.28	14.23	14.15	14.20	14.11	14.06	14.22	14.48	14.36
1962	14.22	14.62	14.28	14.09	14.14	13.96	14.01	14.11	14.17	14.45	14.52	14.54	14.26
1963	14.02	14.68	14.29	14.60	14.30	14.15	14.26	14.16	14.44	14.61	14.84	14.57	14.41
1964	14.88	13.89	14.22	13.79	13.86	14.12	14.14	14.26	14.12	14.13	14.44	14.85	14.22
1965	14.76	14.31	14.17	14.44	13.85	14.01	14.20	14.33	14.23	14.40	14.87	14.82	14.37
1966	14.90	14.61	14.57	14.16	14.05	14.02	14.19	14.15	14.21	14.21	14.65	15.04	14.40
1967	14.80	14.43	14.70	14.45	14.00	14.37	14.24	14.27	14.18	14.48	14.40	14.56	14.41
1968	14.79	14.82	14.59	14.03	14.25	14.15	14.32	14.54	14.34	14.59	14.73	15.09	14.52
1969	15.13	15.10	14.44	14.73	14.43	14.49	14.23	14.24	14.44	14.41	14.47	14.88	14.58
1970	14.88	14.66	14.41	14.05	14.04	14.21	14.20	14.14	14.16	14.34	14.65	14.92	14.39
1971	14.52	14.30	14.49	14.39	14.17	14.28	14.29	14.35	14.29	14.25	14.41	14.67	14.37
1972	14.58	14.79	14.77	14.52	14.28	14.36	14.47	14.49	14.43	14.35	14.69	14.86	14.55
1973	14.97	14.76	14.59	13.84	14.04	14.11	14.09	14.12	14.13	14.21	14.69	15.03	14.38
1974	14.71	14.61	14.87	14.52	14.22	14.37	14.38	14.29	14.21	14.07	14.47	14.58	14.44
1975	14.43	14.77	14.58	14.17	14.03	14.10	14.23	14.18	14.09	14.51	14.69	14.50	14.36
1976	14.53	14.71	14.41	14.34	14.20	14.24	14.42	14.45	14.40	14.33	14.33	14.55	14.41
1977	14.38	14.47	14.20	13.88	14.27	14.14	14.11	14.44	14.47	14.43	14.68	15.15	14.38
1978	15.27	15.10	14.64	14.51	14.15	14.29	14.33	14.49	14.49	14.23	14.26	14.29	14.50
1979	14.40	14.87	14.49	14.30	14.11	14.06	14.26	14.27	14.36	14.52	14.50	14.92	14.42
1980	14.84	14.92	14.61	14.39	14.26	14.28	14.19	14.30	14.33	14.26	14.50	14.86	14.48
1981	14.87	14.70	14.52	14.28	14.28	14.29	14.20	14.30	14.31	14.54	14.94	14.99	14.52
1982	14.67	14.79	14.91	14.71	14.17	14.47	14.41	14.42	14.53	14.74	15.13	15.25	14.68
1983	15.59	15.65	15.37	14.65	14.51	14.53	14.65						
1984	14.52	14.85	14.73	14.43	14.39	14.34	14.32	14.48	14.51	14.60	15.10	14.64	14.58
1985	14.42	14.25	14.19	14.26	14.20	14.32	14.37	14.29	14.46	14.44	14.38	14.35	14.33

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9447130

SEATTLE,WA 47 36.2N 122 20.2W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1986	14.99	15.03	14.77	14.25	14.40	14.39	14.33	14.40	14.43	14.34	14.49	14.81	14.55

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9449880

FRIDAY HARBOR,WA 48 32.7N 123 00.7W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1934	8.65	8.42	8.22	8.01	8.23	8.04	8.09	8.06	8.03	8.23	8.80	8.44	8.27
1935	8.82	8.49	8.50	8.08	7.81	8.00	8.03	8.03	8.10	8.06	7.92	8.53	8.20
1936	8.55	8.42	7.92	7.68	8.13	8.28	8.13	8.08	7.94	7.92	7.82	8.32	8.10
1937	7.90	8.54	8.27	8.11	7.98	8.12	8.00	7.95	7.98	8.16	8.60	8.54	8.18
1938	8.35	8.73	8.53	7.96	7.77	7.79	7.98	7.83	7.94	8.08	7.89	8.09	8.08
1939	8.46	8.04	7.89	7.76	7.98	7.90	7.97	8.07	8.07	8.03	8.35	8.82	8.11
1940	8.70	8.87	8.45	8.11	8.10	7.90	8.13	8.04	8.29	8.44	8.35	8.92	8.36
1941	8.86	8.80	8.63	8.23	8.25	8.04	8.09	8.13	8.26	8.23	8.54	8.97	8.42
1942	8.51	8.37	7.98	8.37	8.08	7.92	8.11	8.08	8.03	8.06	8.44	8.47	8.20
1943	8.22	8.35	8.12	8.24	7.56	8.14	8.09	8.07	8.04	8.32	8.18	8.11	8.12
1944	8.40	8.06	7.84	8.06	7.93	8.09	8.10	8.09	8.10	8.11	8.54	8.29	8.13
1945	8.37	8.35	8.39	7.71	8.12	7.94	8.07	8.00	7.95	7.95	8.57	8.77	8.18
1946	8.33	8.51	8.22	8.09	8.02	8.23	8.17	8.05	8.13	7.99	8.19	8.37	8.19
1947	8.24	8.37	8.30	7.98	8.02	8.18	8.10	8.16	7.93	8.56	7.97	8.45	8.19
1948	8.37	8.41	8.28	8.60	8.35	8.20	8.17	8.10	8.11	8.02	8.29	8.58	8.29
1949	7.79	8.64	8.43	7.93	8.13	8.01	7.95	8.09	8.10	7.81	8.39	8.37	8.14
1950	8.42	8.41	8.43	8.09	7.82	8.07	8.12	8.10	8.14	8.59	8.55	8.79	8.29
1951	8.57	8.56	8.18	7.89	8.07	8.08	8.20	8.14	8.26	8.40	8.74	8.57	8.30
1952	8.90	8.52	8.20	7.93	7.81	8.02	8.00	8.08	8.05	7.85	8.20	9.04	8.22
1953	9.19	8.17	8.35	8.06	8.20	7.99	8.05	8.19	8.18	8.14	8.85	8.45	8.32
1954	9.01	8.79	8.37	8.17	8.07	8.24	8.09	8.10	8.14	8.22	8.62	8.74	8.38
1955	8.38	8.14	7.99	8.31	7.84	7.96	8.08	7.97	8.01	8.12	8.37	8.83	8.17
1956	9.13	8.41	8.38	8.06	8.12	8.17	8.16	8.03	8.12	8.27	7.95	8.36	8.26
1957	8.16	8.42	8.50	8.12	8.42	8.12	8.20	8.23	8.31	8.35	8.18	8.89	8.32
1958	9.02	9.30	8.63	8.54	8.25	8.38	8.36	8.38	8.32	8.40	8.45	8.77	8.57
1959	8.79	8.75	8.14	8.02	8.08	8.15	8.14	8.17	8.33	8.22	8.11	8.51	8.28
1960	8.54	8.48	8.28	8.32	8.19	7.92	8.04	8.01	8.05	8.17	8.45	8.47	8.24
1961	8.68	8.74	8.84	7.95	8.20	8.18	8.13	8.15	8.08	7.90	8.03	8.25	8.26
1962	7.35	8.07	7.94	7.94	8.09	7.94	7.98	8.12	8.21				
1963													
1964			8.19	7.71	7.81	8.00	8.11	8.23	8.12	8.14	8.42	8.79	
1965	8.68	8.24	8.08	8.26	7.83	8.03	8.10	8.27	8.25	8.30	8.88	8.89	8.32
1966	8.83	8.51	8.44	8.04	7.89	8.01	8.09	8.10	8.08	8.08	8.58	8.90	8.30
1967	8.67	8.29	8.54	8.33	7.97	8.20	8.14	8.19	8.24	8.38	8.30	8.44	8.31
1968	8.70	8.70	8.51	7.91	8.16	8.02	8.21	8.38	8.23	8.47	8.64	8.94	8.41
1969	8.93	8.95	8.21	8.49	8.16	8.28	8.08	8.10	8.31	8.30	8.34	8.80	8.41
1970	8.71	8.42	8.17	7.82	7.79	8.03	8.06	8.05	8.01	8.26	8.52	8.81	8.22
1971	8.34	8.13	8.34	8.21	8.04	8.13	8.17	8.23	8.20	8.12	8.31	8.54	8.23
1972	8.36	8.66	8.60	8.40	8.12	8.28	8.38	8.37	8.33	8.17	8.56	8.76	8.42
1973	8.84	8.57	8.44	7.69	7.92	8.03	8.00	8.04	8.07	8.13	8.68	9.09	8.29
1974	8.57	8.49	8.77	8.37	8.06	8.29	8.32	8.18	8.17	7.96	8.35	8.49	8.34
1975	8.28	8.54	8.36	7.97	7.87	7.95	8.12	8.11	8.00	8.44	8.61	8.32	8.21
1976	8.33	8.53	8.24	8.19	8.06	8.11	8.34	8.33	8.35	8.29	8.20	8.45	8.28
1977	8.27	8.38	8.17	7.75	8.16	8.03	8.01	8.37	8.39	8.36	8.58	8.95	8.28

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9449880

FRIDAY HARBOR,WA 48 32.7N 123 00.7W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1978	9.05	8.89	8.44	8.34	7.98	8.05	8.10	8.22	8.35	8.12	8.13	8.15	8.32
1979	8.26	8.74	8.27	8.13	7.93	7.88	8.15	8.15	8.29	8.43	8.41	8.81	8.29
1980	8.64	8.71	8.26	8.19	8.07	8.16	8.05	8.18	8.22	8.14	8.41	8.70	8.31
1981	8.73	8.54	8.38	8.18	8.13	8.12	8.11	8.22	8.21	8.46	8.82	8.90	8.40
1982	8.52	8.63	8.73	8.52	8.00	8.30	8.28	8.36	8.47	8.67	9.03	9.11	8.55
1983	9.40	9.49	9.21	8.46	8.30	8.39	8.51	8.54	8.45	8.38	9.26	8.52	8.74
1984	8.31	8.65	8.55	8.29	8.24	8.19	8.21	8.34	8.40	8.50	9.06	8.49	8.44
1985	8.25	8.09	8.05	8.12	8.05	8.16	8.22	8.17	8.30	8.32	8.17	8.16	8.17
1986	8.83	8.84	8.56	8.08	8.20	8.25	8.20	8.29	8.32	8.21	8.36	8.65	8.40

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9450460

KETCHIKAN,AK 55 20.0N 131 37.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1919	15.21	14.73	14.26	14.35	14.36	14.06	14.04	13.93	14.14	13.84	14.39	14.42	14.31
1920	14.30	13.76	14.23	13.84	14.00	14.21	14.03	14.01	14.41	14.58	14.55	15.03	14.25
1921	14.61	14.59	14.03	14.00	13.79	14.31	13.96	13.96	14.32	14.89	14.56	14.51	14.29
1922	14.24	14.15	14.28	13.59	14.03	13.85	13.61	13.85	14.21	14.43	14.82	14.44	14.12
1923	14.59	13.91	13.78	14.18	14.08	13.97	13.81	13.97	14.25	14.52	14.93	15.10	14.26
1924	14.56	14.87	13.85	13.87	13.87	13.80	13.85	13.86	14.19	14.72	14.76	14.36	14.21
1925	14.44	14.60	14.17	14.10	14.16	14.20	14.16	13.97	13.89	14.03	14.63	14.96	14.28
1926	15.02	15.18	14.28	14.24	14.51	14.08	14.13	14.05	13.78	14.50	14.61	14.58	14.41
1927	14.60	14.80	14.35	14.02	13.99	14.06	13.93	13.87	14.23	14.63	14.53	14.08	14.26
1928	14.55	14.20	14.58	14.35	14.12	14.00	13.98	13.89	13.83	14.24	14.70	14.71	14.26
1929	14.05	13.64	14.11	13.95	13.68	14.15	14.22	14.31	13.75	14.52	14.16	14.38	14.08
1930	13.81	14.68	13.87	14.12	13.88	14.11	13.93	14.05	14.10	14.48	14.67	15.16	14.24
1931	15.24	14.88	14.38	14.40	14.14	14.24	14.03	13.95	14.34	14.61	14.31	14.93	14.45
1932	14.50	14.37	14.29	14.47	14.24	14.03	14.25	14.19	14.23	14.41	14.91	14.57	14.37
1933	14.70	14.14	14.46	13.92	14.23	14.23	14.19	14.05	14.39	14.26	14.49	14.79	14.32
1934	14.87	14.67	14.30	14.06	14.42	14.07	14.15	13.95	13.99	14.51	15.08	14.59	14.39
1935	14.61	14.64	14.47	13.90	13.77	14.22	13.97	14.06	14.00	14.23	14.21	15.15	14.27
1936	14.68	14.10	13.93	13.86	14.05	14.38	14.35	14.07	14.04	14.21	14.57	14.89	14.26
1937	13.71	14.44	14.43	14.36	14.10	14.17	14.11	14.18	13.90	14.46	14.87	14.71	14.29
1938	14.73	14.67	14.49	14.18	13.81	13.82	13.83	13.66	13.98	14.48	14.25	14.47	14.20
1939	14.69	14.05	13.95	13.90	14.10	14.00	14.06	13.97	14.06	14.41	14.95	15.42	14.30
1940	14.80	14.81	14.60	14.17	14.09	14.01	14.04	14.30	14.33	14.75	14.59	15.18	14.47
1941	15.02	14.69	14.56	14.24	14.27	14.17	14.18	14.17	14.36	14.50	14.96	14.99	14.51
1942	14.93	14.48	14.30	14.48	14.18	13.99	14.00	13.72	13.79	14.56	14.72	14.69	14.32
1943	14.24	14.37	13.98	14.28	13.87	13.96	14.06	14.07	14.11	14.56	14.76	14.66	14.24
1944	14.90	14.06	14.07	14.22	13.88	13.88	13.91	13.93	14.01	14.44	14.82	14.41	14.21
1945	14.63	14.21	14.38	13.72	13.81	13.85	14.04	13.67	13.89	14.26	14.74	14.80	14.17
1946	14.53	14.61	14.49	14.22	13.90	14.13	14.27	13.90	14.32	14.32	14.18	14.44	14.28
1947	14.24	14.13	14.02	13.93	13.87	14.13	14.20	13.96	14.07	15.15	14.37	14.78	14.24
1948	14.63	14.13	14.16	14.14	14.15	14.00	14.00	14.07	14.42	14.53	14.78	14.59	14.30
1949	13.96	14.42	14.24	14.28	14.07	14.13	14.02	14.28	14.20	14.34	14.93	14.33	14.27
1950	13.65	14.47	14.20	14.03	13.79	13.96	14.07	14.13	14.19	14.81	14.47	14.76	14.21
1951	14.45	14.25	13.97	13.67	13.87	13.76	13.83	13.76	13.93	14.30	14.73	14.33	14.07
1952	14.76	14.43	14.12	14.08	13.84	14.02	13.84	13.86	14.21	14.21	14.55	15.31	14.27
1953	14.83	14.20	14.40	14.06	14.22	14.00	13.96	14.04	14.24	14.80	15.25	14.82	14.40
1954	14.62	14.76	14.03	13.92	13.77	14.24	14.14	13.87	14.08	14.55	15.05	15.14	14.35
1955	14.60	14.22	13.80	14.19	13.74	13.83	13.86	13.97	13.91	14.61	14.33	14.40	14.12
1956	14.62	13.98	14.09	13.75	13.80	14.20	13.84	13.93	13.96	14.52	14.25	14.53	14.12
1957	13.79	13.96	14.19	13.85	14.02	14.15	14.21	14.12	14.06	14.20	14.53	15.08	14.18
1958	15.21	15.08	14.19	14.22	13.91	13.84	13.65	14.09	14.25	14.73	14.77	14.75	14.39
1959	14.68	14.41	14.44	13.94	13.82	14.18	13.89	13.95	14.34	14.30	14.32	14.97	14.27
1960	14.55	14.39	14.33	14.43	14.27	13.95	13.90	13.93	14.16	14.52	14.70	14.46	14.30
1961	14.87	14.83	14.70	13.99	13.90	14.21	13.87	13.93	13.90	14.42	14.46	14.51	14.30
1962	14.18	14.08	13.78	13.99	13.80	13.80	13.71	14.03	14.07	14.64	14.94	14.78	14.15

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9450460

KETCHIKAN,AK 55 20.0N 131 37.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1963	13.79	14.63	14.01	14.20	14.06	14.02	14.00	13.82	14.70	15.13	14.96	14.63	14.33
1964	15.02	14.08	14.02	13.66	13.65	13.96	14.09	14.18	13.92	14.50	14.51	14.57	14.18
1965	14.43	14.20	13.64	13.94	13.60	13.69	13.83	13.86	13.49	14.61	14.66	14.76	14.06
1966	14.51	14.29	14.59	13.76	13.92	14.36	14.09	14.20	14.54	14.66	14.64	15.13	14.39
1967	14.83	14.62	14.34	14.10	14.12	14.15	14.34	14.19	14.70	15.07	14.43	14.61	14.46
1968	14.46	15.01	14.70	14.50	14.36	14.45	14.50	14.60	14.70	14.98	15.16	14.63	14.67
1969	14.35	14.59	13.79	14.31	13.85	14.00	14.04	14.32	14.42	14.49	15.07	15.23	14.37
1970	14.78	14.48	14.25	13.99	13.96	13.97	14.02	14.03	14.05	14.41	14.42	14.54	14.24
1971	13.98	13.90	14.27	14.16	13.70	14.03	13.77	14.18	14.27	14.35	14.55	14.25	14.12
1972	13.97	14.33	14.26	14.17	13.77	14.01	14.04	14.13	14.06	14.10	14.74	14.58	14.18
1973			14.33	13.62	13.90	14.00		13.79		14.31		14.72	
1974	14.18	14.30	14.42	14.04	14.00	14.00	14.09	13.71	13.88	14.31	14.64	14.87	14.20
1975	14.35	14.41	14.01	13.73	13.73	13.78	13.85	14.05	13.71	14.51	14.86	14.49	14.12
1976			14.21	14.21	14.19					14.37	14.48		
1977	14.22	14.78	14.29	13.88	14.04	14.06	14.06	14.09	14.17	14.66	14.68	14.54	14.29
1978	14.42	14.61	14.25	14.01	13.85	13.70	13.58	14.15	14.41	14.26	14.64	14.28	14.18
1979	14.20	14.34	14.03	13.84	13.88	13.79	14.01	13.86	14.26	14.56	14.52	14.82	14.18
1980	14.54	14.63	14.28	14.40	13.96	13.78	13.89	13.88	14.02	14.52	14.97	14.65	14.29
1981	14.97	14.50	14.48	14.32	14.14	14.28	13.80	13.78	14.38	14.35	15.05	14.83	14.41
1982	14.36	14.20	14.26	14.18	13.87	13.83	13.93	13.91	14.09	14.59	14.75	14.83	14.23
1983	15.23	15.24	14.67	14.18	14.12	14.30	14.44	14.41	14.33	14.58	15.10	14.14	14.56
1984							14.01	14.29	14.38	14.62	14.88	14.36	
1985	14.32	14.16	14.00	14.13	13.85	13.95	13.86	13.73	13.81	14.40	13.84	14.03	14.01
1986	14.90	14.32	14.54	14.07	14.15	13.98	13.97	13.78	13.90	14.34	14.57	14.67	14.27

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9451600

SITKA,AK 57 03.1N 135 20.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1938	10.65	10.57	10.43	10.08	9.66	9.80	9.76	9.63	10.11	10.56	10.30	10.49	10.17
1939	10.58	9.98	9.91	9.83	9.94	9.72	9.93	9.93	10.08	10.35	10.76	11.35	10.20
1940	10.74	10.72	10.53	10.01	10.01	9.92	9.94	10.17	10.29	10.68	10.48	11.13	10.38
1941	10.95	10.52	10.51	10.24	10.09	9.94	9.92	9.87	10.12	10.43	10.72	10.78	10.34
1942	10.86	10.40	10.26	10.39	10.02	9.80	9.81	9.75	9.75	10.50	10.49	10.51	10.21
1943	10.15	10.16	9.85	10.11	9.68	9.76	9.85	9.98	10.06	10.53	10.69	10.65	10.12
1944	10.92	9.96	10.00	10.09	9.85	9.74	9.75	9.78	9.90	10.31	10.74	10.23	10.11
1945	10.58	10.21	10.41	9.71	9.77	9.78	10.00	9.61	9.88	10.23	10.47	10.62	10.11
1946	10.42	10.47	10.30	10.12	9.69	9.82	9.95	9.79	10.21	10.17	10.01	10.26	10.10
1947	10.04	9.94	9.87	9.79	9.71	9.87	9.88	9.78	9.95	10.87	10.23	10.68	10.05
1948	10.52	10.08	10.02	9.88	9.90	9.64	9.76	9.81	10.17	10.40	10.66	10.44	10.11
1949	9.95	10.23	10.10	10.07	9.82	9.88	9.72	9.96	9.99	10.16	10.72	10.14	10.06
1950	9.53	10.41	10.04	9.92	9.71	9.69	9.82	9.92	10.00	10.56	10.22	10.53	10.03
1951	10.23	10.01	9.80	9.57	9.66	9.55	9.66	9.61	9.87	10.18	10.59	10.12	9.90
1952	10.53	10.25	9.95	9.92	9.67	9.76	9.49	9.62	9.98	10.06	10.39	11.19	10.07
1953	10.62	10.18	10.21	9.87	9.91	9.63	9.64	9.85	10.06	10.58	10.88	10.60	10.17
1954	10.38	10.39	9.78	9.72	9.63	10.03	9.83	9.60	9.83	10.22	10.78	10.88	10.09
1955	10.45	10.03	9.71	10.00	9.67	9.65	9.55	9.73	9.71	10.33	10.08	10.17	9.92
1956	10.40	9.87	9.82	9.55	9.58	9.89	9.60	9.80	9.74	10.23	10.10	10.28	9.90
1957	9.45	9.76	9.96	9.62	9.75	9.77	9.82	9.83	9.91	10.02	10.37	10.76	9.92
1958	10.88	10.79	9.85	9.90	9.73	9.53	9.40	9.98	9.96	10.34	10.45	10.56	10.11
1959	10.44	10.12	10.25	9.69	9.60	9.85	9.78	9.86	10.02	10.04	10.13	10.69	10.04
1960	10.37	10.27	10.08	10.14	9.94	9.74	9.66	9.72	9.78	10.29	10.52	10.39	10.08
1961	10.62	10.64	10.51	9.76	9.72	9.90	9.57	9.76	9.73	10.13	10.18	10.27	10.07
1962	10.05	9.77	9.69	9.88	9.53	9.62	9.46	9.68	10.02	10.47	10.76	10.52	9.95
1963	9.64	10.46	9.81	9.94	9.85	9.78	9.77	9.61	10.34	10.96	10.81	10.59	10.13
1964	10.78	9.95	9.87	9.56	9.49	9.66	9.86	9.94	9.77	10.20	10.27	10.36	9.98
1965	10.25	9.97	9.44	9.76	9.41	9.56	9.56	9.61	9.49	10.50	10.35	10.49	9.87
1966	10.20	10.05	10.28	9.53	9.74	9.71	9.44	9.70	10.11	10.32	10.15	10.62	9.99
1967	10.38	10.26	9.77	9.59	9.64	9.49	9.66	9.70	10.29	10.50	10.13	10.28	9.97
1968	10.11	10.22	10.21	9.75	9.60	9.74	9.66	9.84	10.13	10.54	10.78	10.42	10.08
1969	10.16	10.40	9.76	10.33	9.79	9.68	9.68	9.93	10.14	10.21	10.67	10.94	10.14
1970	10.50	10.25	10.07	9.76	9.76	9.72	9.77	9.77	9.85	10.18	10.21	10.35	10.02
1971	9.86	9.81	10.06	9.90	9.54	9.61	9.46	9.89	9.96	9.98	10.24	10.01	9.86
1972	9.76	9.95	9.99	9.90	9.57	9.76	9.58	9.78	9.78	9.80	10.42	10.26	9.88
1973	10.41	10.09	10.09						9.71	10.11	9.97	10.45	
1974	9.87	10.16	9.94	9.85	9.71	9.71	9.58	9.42	9.54	10.06	10.37	10.63	9.90
1975	10.02	10.09	9.79	9.47	9.46	9.39	9.56	9.66	9.53	10.15	10.24	10.02	9.78
1976	10.19	10.05	9.93	9.86	9.91	9.67	10.02	9.96	10.06	10.07	10.24	10.40	10.03
1977	9.98	10.53	9.98	9.63	9.67	9.64	9.63	9.69	9.92	10.43	10.32	10.11	9.96
1978	10.16	10.30	9.95	9.69	9.57	9.29	9.27	9.62	10.01	10.13	9.94	9.89	9.82
1979	9.90	10.02	9.83	9.40	9.47	9.36	9.58	9.46	9.86	10.22	10.21	10.37	9.81
1980	10.08	10.21	9.88	10.06	9.53	9.38	9.49	9.49	9.68	10.17	10.43	10.20	9.88
1981	10.62	10.11	10.07	9.77	9.70	9.79	9.32	9.57	10.07	10.02	10.61	10.35	10.00

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "0".

RUN DATE 08/19/87

STATION NO. 9451600

SITKA,AK 57 03.1N 135 20.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1982	9.87	9.74	9.76	9.78	9.48	9.36	9.47	9.45	9.73	10.13	10.25	10.36	9.78
1983	10.80	10.85	10.25	9.74	9.67	9.80	9.89	9.99	9.95	10.18	10.60	9.76	10.12
1984	10.01	10.42	10.16	9.97	9.72	9.71	9.59	9.85	9.98	10.14	10.42	9.93	9.99
1985	9.98	9.77	9.64	9.73	9.45	9.54	9.36	9.34	9.41	9.93	9.32	9.75	9.60
1986	10.55	9.92	10.15	9.68	9.72	9.50	9.42	9.46	9.54	9.89	10.10	10.32	9.85

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9452210

JUNEAU, AK 58 17.9N 134 24.7W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1936	15.30	14.71	14.65	14.65	14.90	15.21	15.25	15.01	15.02	15.30	15.60	15.55	15.10
1937	14.18	14.98	14.96	14.98	14.88	15.04	15.01	15.25	14.96	15.31	15.50	15.40	15.04
1938	15.25	14.94	15.23	14.92	14.77	14.85	14.85	14.71	15.11	15.48	15.28	15.33	15.06
1939	15.33	14.57	14.63	14.56	14.82	14.76	14.96	15.03	15.20	15.25	15.69	16.21	15.08
1940	15.42	15.42	15.24	14.79	14.95	14.89	15.02	15.21	15.20	15.40	15.30	15.80	15.22
1941											15.31	15.37	
1942													
1943													
1944	15.50	14.45	14.46	14.57	14.57	14.64	14.59	14.73	14.58	14.91	15.24	14.85	14.76
1945	14.95	14.60	15.02	14.08	14.29	14.48	14.70	14.35	14.46	15.00	14.82	15.01	14.65
1946	14.85	14.95	14.82	14.65	14.28	14.54	14.74	14.56	14.83	14.92	14.52	14.55	14.68
1947	14.45	14.22	14.34	14.25	14.36	14.65	14.65	14.46	14.64	15.53	14.89	15.27	14.64
1948	15.09	14.22	14.31	14.19	14.40	14.39	14.56	14.43	14.73	15.04	15.23	14.73	14.61
1949	14.34	14.29	14.39	14.47	14.50	14.56	14.47	14.68	14.62	14.62	15.00	14.47	14.53
1950	13.76	14.50	14.21	14.21	14.08	14.30	14.60	14.76	14.68	14.90	14.21	14.85	14.42
1951	14.43	14.08	13.90	13.90	14.06	14.22	14.29	14.35	14.47	14.38	14.74	14.29	14.26
1952	14.70	14.42	14.15	14.19	14.10	14.40	14.15	14.25	14.55	14.55	14.84	15.46	14.48
1953	14.75	14.42	14.41	14.13	14.25	14.14	14.24	14.38	14.45	14.94	15.06	14.81	14.50
1954	14.20	14.41	13.74	13.66	13.76	14.36	14.23	13.95	14.03	14.36	14.85	15.00	14.21
1955	14.34	14.02	13.63	14.13	13.89	14.11	13.96	14.13	14.09	14.51	14.04	14.18	14.09
1956	14.35	13.88	13.90	13.67	13.82	14.17	13.97	14.22	14.06	14.44	14.30	14.19	14.08
1957	13.34	13.73	13.98	13.69	13.94	14.23	14.21	14.09	14.15	14.06	14.49	14.79	14.06
1958	14.95	14.59	13.80	13.98	13.76	13.75	13.72	14.15	14.13	14.47	14.51	14.37	14.18
1959	14.05	13.92	14.32	13.69	13.64	14.09	14.07	14.13	14.15	13.88	14.06	14.83	14.07
1960	14.32	14.17	13.91	14.06	13.95	13.98	14.01	13.92	13.94	14.48	14.57	14.37	14.14
1961	14.49	14.63	14.41	13.88	13.78	14.12	13.89	14.07	13.93	14.31	14.19	14.03	14.14
1962	13.80	13.69	13.63	13.90	13.70	13.84	13.79	14.03	14.17	14.61	14.84	14.52	14.04
1963	13.62	14.22	13.69	13.79	13.91	14.00	14.03	13.88	14.36	15.04	14.65	14.35	14.13
1964	14.62	13.96	13.71	13.54	13.55	13.75	14.05	14.11	13.78	14.25	14.10	14.01	13.95
1965	13.91	13.85	13.27	13.70	13.46	13.69	13.78	13.84	13.52	14.51	14.08	14.28	13.82
1966	13.88	13.81	14.05	13.35	13.73	13.87	13.71	13.87	14.24	14.36	13.90	14.26	13.92
1967	14.02	13.89	13.30	13.30	13.43	13.52	13.72	13.66	14.32	14.41	14.00	14.00	13.80
1968	13.68	13.81	13.86	13.58	13.44	13.67	13.70	13.82	14.10	14.46	14.65	14.05	13.90
1969	13.60	13.96	13.35	13.94	13.51	13.69	13.66	13.94	13.94	13.72	14.32	14.57	13.85
1970	13.88	13.84	13.65	13.37	13.42	13.57	13.66	13.76	13.62	13.67	13.52	13.56	13.63
1971	12.95	13.11	13.35	13.54	13.08	13.37	13.27	13.67	13.66	13.64	13.78	13.34	13.40
1972	13.07	13.33	13.45	13.51	13.22	13.62	13.46	13.69	13.54	13.60	14.02	13.76	13.52
1973	13.93	13.62	13.85	13.18	13.52	13.66	13.52	13.74	13.83	13.79	13.30	13.77	13.64
1974	13.20	13.56	13.29	13.30	13.29	13.49	13.22	13.17	13.17	13.79	14.20	14.29	13.50
1975	13.52	13.51	13.32	13.06	13.11	13.15	13.42	13.30	13.26	13.81	13.80	13.45	13.39
1976	13.53	13.54	13.42	13.46	13.45	13.73	14.08	13.61	13.70	13.72	13.88	14.00	13.68
1977	13.52	14.12	13.59	13.21	13.30	13.37	13.37	13.39	13.46	13.96	13.98	13.36	13.55
1978	13.40	13.62	13.30	13.12	13.07	13.00	12.98	13.31	13.54	13.87	13.40	13.41	13.34
1979	13.21	13.00	13.19	12.78	12.99	12.94	13.10	13.07	13.32	13.76	13.65	13.76	13.23

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9452210

JUNEAU,AK 58 17.9N 134 24.7W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1980	13.24	13.49	13.19	13.41	13.01	13.00	13.10	13.08	13.18	13.70	13.92	13.25	13.30
1981	13.87	13.42	13.38	13.08	13.08	13.35	12.96	13.12	13.60	13.53	14.06	13.67	13.43
1982	12.87	12.76	12.97	13.02	12.80	12.92	13.09	13.04	13.24	13.59	13.47	13.58	13.11
1983	13.97	13.98	13.36	12.99	13.06	13.24	13.35	13.43	13.32	13.49	13.66	12.71	13.38
1984	13.15	13.62	13.35	13.21	13.04	13.11	13.02	13.24	13.16	13.32	13.53	12.96	13.23
1985	13.15	12.89	12.83	12.98	12.73	12.91	12.80	12.69	12.73	13.23	12.32	12.80	12.84
1986	13.66	12.95	13.27	12.86	12.94	12.96	12.91	12.86	12.67	13.06	13.10	13.47	13.06

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9452400

SKAGWAY,AK 59 27.0N 135 19.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1944									14.87	15.30	15.08	14.97	
1945	14.99	14.63	15.12	14.23	14.56	14.91	15.10	14.95	14.87	15.41	14.65	14.98	14.87
1946	15.00	15.00	15.00	14.79	14.49	14.87	15.18	15.03	14.99	15.13	14.58	14.35	14.87
1947	14.42	14.14	14.49	14.38	14.53	15.04	14.98	14.71	15.02	15.81	15.02	15.44	14.83
1948	15.21	14.15	14.28	14.13	14.60	14.77	14.94	14.70	15.05	15.35	15.50	14.80	14.79
1949	14.50	14.05	14.35	14.45	14.44	14.92	14.77	14.96	14.85	14.83	15.42	14.29	14.65
1950	13.47	14.18	14.26	14.10	14.29	14.55	14.84	14.72	14.87	14.97	13.97	14.61	14.40
1951	14.15	14.08	13.89	14.02	14.28	14.67	14.71	14.61	14.59	14.18	14.62	14.08	14.32
1952	14.04	14.35	14.15	14.21	14.09	14.44	14.55	14.44	14.65	14.96	15.25	15.44	14.55
1953	14.49	14.55	14.39	14.17	14.42	14.48	14.62	14.87	15.00	15.09	14.96	14.87	14.66
1954	14.04	14.27	13.75	13.67	13.86	14.62	14.68	14.25	14.11	14.50	14.81	14.88	14.29
1955	14.50	13.98	13.64	14.17	13.95	14.18	14.26	14.62	14.29	14.66	13.78	13.86	14.16
1956	13.97	13.69	13.69	13.66	13.93	14.40	14.28	14.45	14.25	14.45	14.46	13.94	14.10
1957	13.17	13.67	13.91	13.69	13.94	14.44	14.44	14.25	14.44	13.97	14.58	14.79	14.11
1958	14.79	14.27	13.65	13.82	13.86	14.09	14.11	14.32	14.23	14.44	14.48	14.27	14.19
1959	13.52	13.77	14.25	13.61	13.54	14.09	14.50	14.30	14.25	13.78	14.04	14.72	14.03
1960	14.35	14.00	13.50	13.86	13.79	14.02	14.06	14.23	14.26	14.51	14.65	14.47	14.14
1961	14.31	14.29	14.16	13.67	13.63	14.07	14.12	14.44	14.16	14.15	13.90	13.70	14.05
1962	13.41	13.26	13.29	13.61	13.52	13.92	13.76	14.03	14.20	14.38	14.51	14.03	13.83
1963	13.20	13.96	13.31	13.46	13.62	13.72	14.20	13.91	14.38	14.86	14.40	14.20	13.94
1964						13.83	14.16	14.10	13.67		13.83		
1965	13.24	13.36	13.09	13.53	13.36	13.53	13.77	13.87	13.57	14.25	13.59	13.71	13.57
1966	13.26	13.20	13.60	13.20	13.56	13.77	13.74	13.91	14.02	14.45	14.00	14.48	13.77
1967	13.96	13.46	12.88	12.88	13.26	13.60	13.89	13.91	14.42	14.09	13.74	13.64	13.64
1968	13.18	13.29	13.46	13.27	13.19	13.66	13.64	13.72	14.00	14.13	14.32	13.34	13.60
1969	12.81	13.49	13.06	13.55	13.30	13.62	13.56	13.78	13.96	14.23	14.59	14.88	13.74
1970	14.07		14.14										
1971													
1972													
1973													
1974													
1975													
1976													
1977	13.29	14.49		13.28									
1978													
1979													
1980													
1981													
1982	12.06	12.01	12.15	12.21	12.26	12.30	12.49	12.39	12.61	12.77	12.60	12.72	12.38
1983			12.51	12.31	12.58	12.55	13.12	13.29	13.08	13.14	13.14	12.15	
1984	12.60	13.15	12.88	12.73	12.74	12.74	12.90	13.01	12.76	12.83	13.02	12.48	12.82
1985	12.76	12.32	12.39	12.62	12.39	12.67	12.59	12.58	12.52	12.93	11.77	12.42	12.50
1986	13.29	12.51	12.76	12.40	12.57	12.67	12.72	12.79	12.26	12.64	12.55	13.07	12.69

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9453220

YAKUTAT BAY,AK 59 32.8N 139 44.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1940	9.16	9.06	8.88	8.31	8.32	8.32	8.26	8.66	8.80	9.21	8.86	9.41	8.77
1941	9.38	8.87	8.87	8.62	8.34	8.35	8.44	8.24	8.44	8.94	9.05	9.13	8.72
1942	9.20	8.82	8.65	8.64	8.29	8.16	8.22	8.27	8.16	8.96	8.80	8.80	8.58
1943	8.52	8.51	8.19	8.36	7.89	7.96	8.26	8.34	8.50	8.89	9.19	9.10	8.48
1944	9.30	8.10	8.28	8.32	8.14	7.98	8.11	8.22	8.25	8.86	9.14	8.87	8.46
1945	9.26	8.64	8.78	8.03	8.01	8.24	8.42	8.09	8.30	8.74	8.80	8.94	8.52
1946	8.77	8.84	8.67	8.40	7.91	8.02	8.22	8.13	8.48	8.63	8.28	8.46	8.40
1947	8.41	8.26	8.25	8.12	7.99	8.23	8.19	8.22	8.38	9.44	8.68	9.14	8.44
1948	8.97	8.26	8.23	7.95	8.06	7.84	8.12	8.03	8.58	8.92	9.11	8.67	8.40
1949	8.38	8.35	8.27	8.27	7.98	8.24	7.93	8.30	8.42	8.57	9.05	8.56	8.36
1950	7.86	8.63	8.32	8.14	7.98	7.93	8.19	8.34	8.39	8.86	8.33	8.71	8.31
1951	8.50	8.17	8.04	7.84	7.91	7.89	7.90	7.92	8.27	8.32	8.82	8.24	8.15
1952	8.63	8.48	8.09	8.10	7.88	7.86	7.68	7.95	8.39	8.39	8.84	9.52	8.32
1953	8.83	8.56	8.43	8.11	7.97	7.76	7.84	8.07	8.39	8.90	9.09	8.90	8.40
1954	8.46	8.42	7.78	7.88	7.69	8.10	8.00	7.75	8.07	8.56	8.96	9.02	8.22
1955	8.67	8.16	7.82	8.09	7.91	7.79	7.74	8.04	7.93	8.56	8.14	8.27	8.09
1956	8.49	7.99	7.92	7.72	7.82	7.95	7.73	8.11	8.04	8.46	8.49	8.34	8.09
1957	7.42	7.98	8.11	7.76	7.84	7.89	7.92	7.96	8.24	8.28	8.70	8.98	8.09
1958	9.17	8.83	7.88	7.97	7.87	7.66	7.80	8.22	8.19	8.71	8.84	8.76	8.32
1959	8.59	8.29	8.51	7.93	7.80	8.03	8.01	8.03	8.30	8.29	8.48	8.94	8.27
1960	8.47	8.41	8.25	8.30	8.02	7.98	7.93	7.97	8.13	8.66	8.78	8.76	8.30
1961	8.81	8.83	8.64	7.83	7.88	8.14	7.79	8.13	8.01	8.36	8.43	8.39	8.27
1962	8.06	7.59	7.63	7.87	7.52	7.77	7.61	7.74	8.24	8.58	8.87	8.39	7.99
1963	7.70	8.53	7.85	7.96	7.94	7.93	7.81	7.70	8.44	9.17	8.76	8.68	8.21
1964	8.91	8.12	7.90	7.72									
1965										8.87	8.42	8.72	
1966	8.22	8.17	8.51	7.73	8.04	7.83	7.70	8.11	8.50	8.59	8.23	8.73	8.20
1967	8.48	8.43	7.75	7.58	7.71	7.74	7.92	7.99	8.57	8.62	8.32	8.48	8.13
1968	8.12	8.45	8.31	7.83	7.62	7.77	7.79	7.99	8.42	8.72	8.94	8.55	8.21
1969	8.04	8.43	7.91	8.38	7.77	7.66	7.90	8.08	8.13	8.34	8.86	9.05	8.21
1970	8.47	8.27	8.18	7.82	7.91	7.66	7.95	7.97	7.98	8.40	8.25	8.39	8.10
1971	7.76	7.98	8.07	8.07	7.68	7.56	7.62	8.00	8.06	8.17	8.25	7.95	7.93
1972	7.78	7.96	7.90	7.77	7.50	7.64	7.54	8.09	8.03	8.09	8.62	8.40	7.94
1973										8.32	7.99	8.51	
1974	7.92	8.27	7.85	7.92	7.72	7.89	7.68	7.47	7.69	8.43	8.64	8.88	8.03
1975	8.08	8.25	7.90	7.61	7.74	7.58	7.70	7.77	7.79	8.29	8.38	8.07	7.93
1976	8.28	8.15	7.96	7.98	8.00	7.79	7.94	8.07	8.31	8.19	8.32	8.55	8.13
1977	7.90	8.67	8.12	7.73	7.77	7.72	7.89	7.86	8.21	9.06	8.62	8.08	8.14
1978	8.15	8.46	7.96	7.65	7.62	7.32	7.49	7.68	8.23	8.44	7.98	8.00	7.92
1979							7.77	7.59	8.07	8.56	8.52	8.51	
1980	8.16	8.32	8.01	8.19	7.59	7.45	7.65	7.53	7.84	8.42	8.70	8.16	8.00
1981	8.76	8.14	8.18	7.75	7.60	7.73	7.42	7.74	8.22	8.15	8.76	8.51	8.08
1982	7.88	7.67	7.76	7.85	7.40	7.32	7.43	7.44	7.79	8.23	8.17	8.44	7.78
1983	8.78	8.79	8.06	7.62	7.64	7.74	7.78	8.03	7.94	8.21	8.37	7.51	8.04

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9453220

YAKUTAT BAY,AK 59 32.8N 139 44.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1984	7.97	8.40	8.14	7.88	7.60	7.67	7.59	7.82	7.94	8.16	8.41	7.91	7.96
1985	8.05	7.65	7.66	7.73	7.43	7.55	7.31	7.33	7.43	8.01	7.22	7.82	7.60
1986	8.65	7.84	8.05	7.55	7.63	7.42	7.37	7.54	7.34	7.90	8.13	8.44	7.82

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9455500

SELDOVIA,AK 59 26.4N 151 43.OW

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1964						17.52	17.73	18.17	18.01	18.37			
1965				17.58	17.52	17.62	17.52						
1966	17.93	17.77	17.84	17.32	17.61	17.47	17.37	17.94	18.42	18.28	17.72	18.25	17.83
1967	17.83	17.92	17.32	17.00	17.16	17.27	17.41	17.89	18.60	18.26	17.90	17.90	17.70
1968	17.68	18.21	17.97	17.57	17.29	17.43	17.59	17.56	17.97	18.41	18.62	17.71	17.83
1969	17.51	18.02	17.41	17.99	17.37	17.30	17.50	17.66	17.85	18.06	18.14	18.88	17.81
1970	17.95											17.84	
1971	17.06	17.47	17.07	17.48	17.36	17.18	17.18	17.60	17.65	17.81	17.67	17.26	17.40
1972	16.81	17.14	17.04	17.01	16.96	17.12	16.92	17.57	17.39	17.38	17.89	17.61	17.24
1973	17.68	17.40	17.60	17.10	17.26	17.28	16.90	16.94	17.39	17.88	17.40	17.94	17.40
1974	17.10	17.55	17.25	17.30	17.19	17.37	17.06	17.28	17.46	18.10	18.22	18.37	17.52
1975	17.57	17.77	17.27	16.99	17.12	16.98	17.18	17.25	17.42	17.98	17.79	17.47	17.40
1976	17.82	17.29	17.26	17.41	17.46	17.14	17.46	17.65	18.14	17.88	18.51	18.41	17.70
1977	18.23	18.57	17.62	17.37	17.38	17.35	17.42	17.66	17.57	18.61	18.08	17.89	17.81
1978	18.13	18.62	18.29	18.03	18.17	17.73	16.93	17.14	17.55	17.94	17.39	17.39	17.78
1979	17.48	17.06	17.39	16.68	17.02	16.76	17.10	17.15	17.66	18.21	17.97	17.62	17.34
1980	17.38	17.80	17.33	17.71	17.14	16.75	16.96	16.94	17.38	17.92	18.05	17.40	17.40
1981	18.46	17.55	17.67	16.96	17.01	17.19	16.83	17.32	17.65	17.44	18.08	17.79	17.50
1982	17.13	16.73	17.01	17.10	16.77	16.77	16.82	16.80	17.38	17.38	17.71	18.10	17.14
1983	18.08	18.20	17.44	16.98	17.15	17.05	17.11	17.33	17.29	17.63	18.16	16.98	17.45
1984	17.37	17.69	17.54	17.23	16.92	17.05	16.98	17.10	17.49	17.59	17.75	17.31	17.34
1985	17.74	16.91	17.01	16.94	16.74	16.92	16.71	16.69	16.80	17.18	16.56	17.55	16.98
1986	18.18	17.27	17.27	16.70	16.79	16.78	16.61	16.94	16.71	17.29	17.51	18.08	17.18

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 9461380

ADAK,AK 51 51.5N 176 38.1W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1943					4.83	4.80	4.91	4.87	5.09	5.19	5.46	5.50	
1944	5.57	5.33	4.65	5.02	4.96	5.03	5.01	5.14	4.86	4.83	5.53	5.54	5.12
1945	5.79	5.43	5.00	4.53	5.03	4.83	4.91	5.08	5.12	5.16	4.68	5.72	5.11
1946	5.69	5.40	5.00	4.90	4.94	4.87	4.85	4.86	4.91	5.07	4.79	4.98	5.02
1947	4.79	5.43	5.12	5.09	5.19	5.04	4.89	4.85	4.89	5.17	5.78	5.35	5.13
1948	5.45	4.94	4.71	4.40	4.92	5.03	4.92	4.85	4.83	5.14	5.19	5.05	4.95
1949	5.06	4.97	5.45	4.92	4.96	4.87	4.79	4.97	5.12	4.90	5.45	4.95	5.03
1950	4.55	5.00	5.60	4.85	4.99	4.80	4.93	5.06	5.17	5.05	4.59	5.24	4.99
1951	5.21	5.33	4.80	5.05	5.10	5.20	4.85	5.08	5.04	5.39	5.36	5.23	5.14
1952	5.26	5.65	5.29	5.12	4.99	5.26	5.04	4.99	5.14	5.34	5.68	5.40	5.26
1953	5.68	5.53	4.99	5.28	5.25	4.91	4.89	5.05	5.03	5.33	5.76	5.63	5.28
1954	5.19	5.51	5.11	4.82	5.19	5.00	4.85	5.00	5.10	5.24	5.44	5.18	5.14
1955	5.84	5.14	5.01	5.04	5.27	4.98	5.07	4.94	5.07	5.07	5.22	5.00	5.14
1956	5.00	5.31	5.20	5.20	5.37	5.19	4.94	5.15	5.18	4.65	5.08	5.23	5.12
1957						5.66	5.45	5.60	5.72	5.78	5.90	5.49	
1958	6.04	5.97	5.59	5.49	5.63	5.34	5.38	5.29	5.56	5.39	5.61	5.98	5.61
1959	5.56	5.54	5.33	5.30	5.30	5.20	5.15	5.35	5.61	5.82	5.95	5.71	5.48
1960	5.91	5.73	5.15	5.20	5.19	5.20	5.17	5.38	5.23	5.48	5.51	5.85	5.42
1961					5.36	5.16	5.29						
1962	5.24	5.18	5.10	4.52	5.00	5.00	5.03	5.25	5.13	5.55	5.86	5.54	5.20
1963	5.98	5.52	5.24	5.09	5.34	5.51	5.24	5.26	5.56	5.30	5.40	6.00	5.45
1964					4.32	4.86		5.08					
1965				4.96	5.18	5.30	5.07	5.27	5.37	5.30	5.27	5.18	
1966	5.82	5.25	4.91	5.28	5.14	5.04	5.19	5.25	5.36	5.12	5.05	5.77	5.26
1967	5.52	5.60	5.03	4.92	4.80	5.12	4.88	5.22	5.36	5.37	5.36	5.34	5.21
1968	5.10	5.52	5.14	5.03	4.85	4.98	5.22	5.24	5.17	5.32	5.75	5.15	5.21
1969	5.29	5.55	5.23	5.14	5.19	5.20	4.97	4.94	5.33	5.36	5.51	5.80	5.29
1970	5.42	5.87	5.57	5.11	4.78	5.17	5.23	5.14	5.21	5.19	5.09	5.53	5.28
1971	4.96	5.33	5.24	5.03	5.18	4.93	5.11	5.03	5.19	5.02	5.38	5.36	5.15
1972	5.20	4.93	5.08	4.66	5.03	5.00	4.81	5.12	5.25	5.13	5.49	5.16	5.07
1973	5.24	5.36	5.41	4.91	4.93	4.95	4.99	5.06	5.03	4.87	4.97	5.57	5.11
1974	5.44	5.05	5.44	5.25	5.14	4.90	4.80	5.18	4.97	5.31	5.43	5.84	5.23
1975	5.16	5.37	5.09	4.89	5.04	4.99	5.01	4.95	4.95	5.04	5.09	5.51	5.09
1976	5.49	4.97					5.16	5.10					
1977		5.56											
1979								4.87	4.99	5.22	4.97	5.18	
1980	5.17	5.43	5.26	4.97	5.09	4.70	4.76	4.85	4.95	5.16	5.33	5.37	5.09
1981	5.83	5.76	5.49	4.88	4.96	4.84	4.83	4.85	4.83	5.03	5.35	5.25	5.16
1982	5.23	4.76	4.99	4.67	4.97	5.20	4.94	4.92	5.01	4.83	5.42	5.48	5.04
1983	5.42	5.76	5.42	4.96	4.97	5.01	4.98	4.87	4.93	5.03	5.56	5.37	5.19
1984						5.07	4.59	4.92	5.16	5.14	5.49	5.24	
1985	5.76	4.87	4.66	4.56	4.81	4.86	4.86	4.86	5.08	5.03	5.12	5.71	5.02
1986	5.25	5.45	5.19			5.12	4.97	5.00	5.18	5.17	5.30	5.95	*

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

* DENOTES THAT VALUES ARE CONSIDERED PRELIMINARY AND MAYBE SUBJECTED TO MINOR CHANGES.

RUN DATE 08/19/87

STATION NO. 9462620
UNALASKA ISLAND, AK 53 52.8N 166 32.3W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1955						5.17			5.26	5.40	5.51	5.41	
1956	5.41	5.35	5.32	5.34	5.54	5.33	5.13	5.39	5.30	5.10	5.43	5.60	5.35
1957	5.30	5.32	5.68	5.46	5.65	5.69	5.47	5.55	5.91	5.12	5.90	5.80	5.57
1958	6.16	6.10	5.54	5.63	5.59	5.65	5.55	5.49	5.60	5.65	5.85	6.03	5.74
1959	5.89					5.22			5.63	5.75	6.24	6.03	
1960	5.97	5.91	5.19	5.39	5.39	5.35	5.28	5.35	5.43	5.69	5.72	6.22	5.57
1961	6.29	5.74	5.52	4.86	5.27	5.04	5.11	5.34	5.14	5.13	5.29	5.26	5.33
1962	5.34	5.46	5.23	4.89	4.97	4.96	5.05	5.19	5.22	5.58	6.04	5.62	5.30
1963	5.71	5.64	4.83	4.92	5.18	5.30	5.06	5.09	5.65	5.61	5.58	6.20	5.40
1964	6.04	5.67	5.00	4.92	4.61	5.08	5.12	5.24	5.30	5.25	5.18	5.05	5.20
1965	5.75	5.22	5.34	4.78	4.97	5.21	4.89	5.06	5.26	5.47	5.18	5.09	5.18
1966	5.50	5.10	4.92	5.05	4.86	5.14	5.20	5.30	5.48	5.13	4.82	5.70	5.18
1967	5.32	5.46	4.73	4.65	4.80	5.03	4.84	5.20	5.59	5.52	5.36	5.30	5.15
1968	4.99	5.71	5.49	5.24	5.00						6.04	5.14	
1969	5.11	5.49	5.05	5.28	5.16	5.24	4.84	4.80	5.34	5.57	5.71	6.27	5.32
1970	5.55	6.01	5.68	4.89	4.98	5.19	5.30	5.27	5.37	5.20	5.06	5.28	5.32
1971	4.88	5.20	5.07	5.07	5.11	4.87	4.97	4.94	5.07	4.89	5.12	5.06	5.02
1972	4.82	4.88	4.84	4.55	4.90	4.94	4.72	5.05	4.91	5.01	5.46	5.18	4.94
1973	5.24					4.88	4.84	4.79	4.99	4.76	4.74	5.51	
1974	5.18	4.91	5.18	5.15	5.01	4.83	4.71	4.81	4.87	5.37	5.34	5.66	5.08
1975	5.07	5.25	4.94	4.71	4.98	4.78	4.93	4.90	4.91	5.02	5.07	5.24	4.98
1976							4.95	4.96	5.22	5.27	5.55	5.52	
1977	5.89	5.85	4.80	4.48	4.58		4.82	5.04			5.24		
1978													
1979													
1980													
1981													
1982	5.10	4.48	4.75	4.57	4.72	4.85	4.73	4.68	4.92	4.65	5.23	5.72	4.87
1983	5.50	6.00	5.51	4.86	4.98	4.96	4.90	4.75	4.81	4.94	5.62	5.12	5.16
1984						4.95	4.58	4.71	5.14	5.09	5.43	4.97	
1985	5.72	4.61	4.51	4.48	4.53	4.62	4.66	4.54	4.66	4.65	4.74	5.60	4.78
1986	5.47	5.38	5.03	4.45	4.57	4.92	4.61	4.74	4.58				

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "0".

RUN DATE 08/19/87

STATION NO. 161.1400
NAWILIWILI,KAUAI,HI 21 57.4N 159 21.6W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1955	2.79	2.69	2.85	2.83	2.71	2.62	2.51	2.52	2.83	2.93	3.08	2.91	2.77
1956	2.68	2.58	2.49	2.72	2.82	2.74	2.85	3.05	3.15	3.18	3.16	3.05	2.87
1957	2.94	2.96	3.04	2.80	2.80	2.82	2.87	3.13	3.23	3.01	3.07	2.87	2.96
1958	2.65	2.76	2.78	2.84	2.90	2.73	3.06	3.12	3.23	3.33	3.36	3.16	2.99
1959	3.22	2.87	2.83	3.03	3.04	2.99	3.05	3.22	3.40	3.25	3.20	3.14	3.10
1960	3.05	3.01	2.95	2.85	2.75	2.88	2.86	2.85	3.08	2.99	2.96	3.01	2.94
1961	3.18	3.04	2.94	2.87	2.89	3.04	3.26	3.25	3.37	3.34	3.03	2.91	3.09
1962	3.04	3.32	3.16	3.24	3.01	3.09	2.99	3.17	3.11	3.08	2.96	3.14	3.11
1963	3.18	3.09	3.09	2.90	2.91	2.93	2.88	3.18	3.31	3.28	3.31	3.27	3.11
1964	2.72	2.74	2.85	2.83	2.94	2.83	3.15	3.42	3.39	3.10	3.06	3.07	3.01
1965	2.99	2.86	2.85	2.82	2.55	2.65	2.84	2.98	3.02	2.95	3.12	3.10	2.89
1966	3.03	3.04	2.95	2.83	2.76	2.71	2.86	3.06	3.06	3.10	3.09	3.03	2.96
1967	2.87	2.69	2.72	2.64	2.56	2.49	2.85	2.77	3.00	3.18	2.97	2.96	2.81
1968	3.26	3.34	2.99	2.85	2.78	2.68	2.88	3.30	3.49	3.36	3.26	3.21	3.12
1969	3.17	3.01	3.02	3.09	2.88	3.07	3.28	3.32	3.17	3.27	3.26	3.07	3.13
1970	2.91	2.94	2.93	2.64	2.73	2.77	2.78	3.00	3.19	3.28	3.05	2.83	2.92
1971	3.00	2.79	2.75	2.78	2.63	2.85	3.13	3.16	3.06	3.10	2.97	2.94	2.93
1972	2.89	2.79	2.94	2.72	2.69	2.82	2.90	2.77	3.00	3.18	3.00	3.07	2.90
1973	2.87	2.73	2.78	2.85	2.87	2.93	3.06	3.13	3.24	3.18	3.21	3.10	3.00
1974	3.13	3.12	3.04	2.86	2.90	2.92	3.06	3.14	3.50	3.24	3.06	3.15	3.09
1975	2.98	2.95	3.02	2.99	2.97	3.00	3.05	3.12	3.22	3.11	2.91	2.95	3.02
1976	2.97	3.00	2.84	2.77	2.98	2.87	2.91	3.11	3.27	3.18	3.22	3.12	3.02
1977	3.22	2.98	2.80	2.78	2.81	2.84	3.19	3.24	3.24	3.34	3.30	3.19	3.08
1978	3.35	3.17	3.04	3.03	2.92	2.77	2.96	3.47	3.12	3.09	3.21	3.13	3.10
1979	3.01	2.93	2.91	3.16	3.27	2.84	3.00	3.30	3.22	3.39	3.17	2.99	3.10
1980	3.11	3.23	3.19	3.21	2.97	2.97	3.28	3.38	3.30	3.16	3.15	3.38	3.19
1981	3.35	3.41	3.36	3.16	3.21	3.07	3.07	3.30	3.70	3.59	3.27	3.14	3.30
1982	3.18	3.03	2.84	2.77	2.73	2.88	3.01	3.07	3.07	2.99	3.15	2.95	2.97
1983	2.99	3.27	3.49	3.19	2.97	2.88	3.10	3.31	3.35	3.20	3.19	3.05	3.17
1984	2.82	2.94	3.06	2.85	2.95	3.17	3.35	3.58	3.42	3.45	3.30	3.39	3.19
1985	3.58	3.39	3.17	3.04	2.83	3.16	3.46	3.23	3.21	3.31	3.23	2.88	3.21
1986	2.94	2.93	2.95	2.73	2.91	3.10	2.87	2.96	3.27	3.09	2.96	2.59	2.94

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 1612340

HONOLULU,OAHU,HI 21 18.4N 151 52.0W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1905	4.20	4.17	4.19	4.07	4.14	4.03	4.07	4.20	4.34	4.24	4.08	3.92	4.14
1906	4.09	4.10	4.08	4.12	4.24	4.13	4.22	4.34	4.54	4.46	4.48	4.40	4.27
1907	4.35	4.13	4.11	3.95	4.26	4.37	4.43	4.51	4.48	4.44	4.28	4.20	4.29
1908	4.16	4.20	4.30	4.14	4.30	4.34	4.27	4.32	4.33	4.32	4.12	4.01	4.23
1909	3.95	3.91	4.03	4.05	3.80	3.80	4.02	3.98	4.01	4.00	3.87	3.95	3.95
1910	3.71	3.85	3.78	3.98	3.91	3.89	4.11	4.29	4.54	4.62	4.42	4.15	4.10
1911	4.13	4.02	4.04	3.92	3.73	3.83	4.10	4.14	4.11	4.21	4.13	4.09	4.04
1912	4.06	4.13	3.91	3.96	4.06	4.20	4.15	4.10	4.22	4.25	4.32	4.30	4.14
1913	4.11	4.15	4.28	4.10	4.25	4.30	4.30	4.20	4.27	4.33	4.29	4.22	4.23
1914	4.23	4.20	4.28	4.38	4.46	4.46	4.55	4.55	4.49	4.36	4.41	4.51	4.41
1915	4.27	4.36	4.42	4.36	4.25	4.48	4.78	4.83	4.84	4.59	4.38	4.52	4.51
1916	4.54	4.46	4.31	4.23	4.24	4.24	4.22	4.19	4.56	4.60	4.31	4.33	4.35
1917	4.28	4.32	4.20	3.71	4.04	4.25	4.38	4.38	4.36	4.58	4.48	4.46	4.29
1918	4.37	4.25	3.99	4.05	4.03	3.94	3.99	4.15	4.24	4.34	4.20	4.16	4.14
1919	4.14	4.10	4.23	4.32	4.26	4.27	4.33	4.47	4.77	4.73	4.59	4.57	4.40
1920	4.62	4.56	4.59	4.57	4.61	4.74	4.94	4.91	4.72	4.63	4.40	4.43	4.64
1921	4.40	4.58	4.61	4.51	4.49	4.48	4.44	4.50	4.62	4.46	4.42	4.39	4.49
1922	4.33	4.32	4.23	4.15	4.28	4.34	4.36	4.48	4.59	4.44	4.49	4.34	4.36
1923	4.29	4.18	4.32	4.21	4.19	4.19	4.30	4.46	4.49	4.49	4.39	4.39	4.33
1924	4.29	4.18	4.10	4.19	4.20	4.26	4.22	4.27	4.31	4.27	4.34	4.36	4.25
1925	4.30	4.30	4.26	4.26	4.35	4.37	4.49	4.58	4.47	4.61	4.45	4.44	4.41
1926	4.29	4.29	4.31	4.36	4.39	4.47	4.39	4.42	4.48	4.33	4.23	4.37	4.36
1927	4.15	4.12	4.09	4.10	4.07	4.11	4.35	4.54	4.58	4.33	4.40	4.34	4.26
1928	4.22	4.29	4.40	4.43	4.31	4.11	4.04	4.11	4.24	4.14	4.09	4.02	4.20
1929	4.24	4.17	4.00	3.94	4.06	4.19	4.33	4.38	4.39	4.45	4.42	4.41	4.25
1930	4.36	4.22	4.17	4.03	4.20	4.34	4.54	4.48	4.70	4.54	4.47	4.28	4.36
1931	4.39	4.27	4.41	4.35	4.38	4.33	4.38	4.38	4.41	4.59	4.54	4.40	4.40
1932	4.18	4.15	4.33	4.22	4.26	4.32	4.32	4.50	4.59	4.59	4.65	4.53	4.39
1933	4.28	4.24	4.24	4.38	4.36	4.30	4.31	4.30	4.40	4.47	4.42	4.41	4.34
1934	4.36	4.20	4.25	4.22	4.12	4.09	4.08	4.17	4.40	4.37	4.35	4.14	4.23
1935	4.22	4.17	4.28	4.48	4.42	4.30	4.28	4.55	4.62	4.66	4.52	4.41	4.41
1936	4.40	4.46	4.23	4.41	4.38	4.30	4.36	4.56	4.54	4.47	4.54	4.47	4.43
1937	4.40	4.26	4.07	4.32	4.22	4.16	4.24	4.38	4.47	4.64	4.41	4.30	4.32
1938	4.23	4.32	4.28	4.29	4.31	4.33	4.35	4.40	4.65	4.55	4.35	4.14	4.35
1939	4.10	4.20	4.36	4.42	4.40	4.25	4.49	4.48	4.37	4.29	4.42	4.44	4.35
1940	4.64	4.56	4.54	4.32	4.32	4.52	4.78	4.80	4.69	4.77	4.72	4.57	4.60
1941	4.50	4.49	4.46	4.43	4.56	4.53	4.33	4.59	4.62	4.48	4.60	4.53	4.51
1942	4.60	4.64	4.41	4.31	4.21	4.23	4.35	4.48	4.60	4.83	4.68	4.66	4.50
1943	4.52	4.46	4.86	4.59	4.39	4.38	4.56	4.93	4.97	4.89	4.79	4.71	4.67
1944	4.58	4.68	4.68	4.41	4.30	4.47	4.62	4.57	4.57	4.61	4.51	4.43	4.54
1945	4.52	4.51	4.32	4.35	4.35	4.28	4.33	4.30	4.47	4.55	4.56	4.57	4.43
1946	4.46	4.50	4.40	4.39	4.29	4.42	4.47	4.57	4.64	4.54	4.51	4.60	4.48
1947	4.37	4.27	4.31	4.21	4.24	4.40	4.60	4.70	4.65	4.90	4.60	4.47	4.48
1948	4.48	4.35	4.23	4.14	4.08	4.28	4.33	4.39	4.47	4.60	4.68	4.60	4.39

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 1612340

HONOLULU,OAHU,HI 21 18.4N 151 52.0W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1949	4.80	4.58	4.52	4.38	4.46	4.34	4.36	4.46	4.44	4.45	4.39	4.28	4.46
1950	4.38	4.38	4.36	4.40	4.37	4.32	4.44	4.58	4.63	4.61	4.60	4.64	4.48
1951	4.28	4.34	4.36	4.19	4.33	4.40	4.46	4.67	4.72	4.76	4.62	4.39	4.46
1952	4.33	4.50	4.51	4.44	4.41	4.34	4.44	4.59	4.63	4.62	4.64	4.51	4.50
1953	4.35	4.36	4.26	4.25	4.37	4.30	4.52	4.78	4.60	4.57	4.53	4.53	4.45
1954	4.48	4.53	4.34	4.40	4.35	4.24	4.40	4.62	4.72	4.71	4.65	4.57	4.50
1955	4.25	4.41	4.32	4.10	4.10	3.82	4.00	4.32	4.50	4.58	4.51	4.19	4.26
1956	4.17	4.19	4.18	4.27	4.30	4.31	4.30	4.41	4.56	4.57	4.65	4.59	4.38
1957	4.56	4.57	4.44	4.36	4.33	4.39	4.49	4.61	4.53	4.41	4.43	4.30	4.45
1958	4.17	4.39	4.44	4.22	4.34	4.34	4.63	4.67	4.78	4.95	4.91	4.80	4.55
1959	4.74	4.64	4.61	4.64	4.72	4.79	4.74	5.01	4.93	4.74	4.64	4.62	4.74
1960	4.43	4.44	4.38	4.25	4.20	4.31	4.32	4.37	4.44	4.56	4.54	4.56	4.40
1961	4.54	4.41	4.38	4.53	4.36	4.73	4.88	4.91	5.00	4.89	4.48	4.38	4.62
1962	4.77	4.72	4.58	4.47	4.54	4.60	4.64	4.55	4.61	4.50	4.59	4.67	4.60
1963	4.63	4.51	4.47	4.38	4.52	4.52	4.48	4.80	4.82	4.76	4.67	4.57	4.59
1964	4.31	4.31	4.43	4.45	4.42	4.44	4.78	4.71	4.73	4.56	4.57	4.62	4.53
1965	4.50	4.34	4.44	4.18	4.23	4.26	4.56	4.51	4.58	4.70	4.83	4.64	4.48
1966	4.50	4.49	4.46	4.37	4.26	4.34	4.56	4.76	4.68	4.64	4.67	4.52	4.52
1967	4.43	4.48	4.31	4.16	4.08	4.18	4.22	4.45	4.62	4.68	4.68	4.64	4.41
1968	4.62	4.59	4.38	4.14	4.20	4.38	4.66	4.91	4.88	4.86	4.83	4.79	4.60
1969	4.83	4.64	4.66	4.43	4.60	4.70	4.72	4.58	4.79	4.73	4.62	4.45	4.65
1970	4.53	4.46	4.28	4.20	4.26	4.29	4.37	4.50	4.72	4.61	4.62	4.43	4.44
1971	4.44	4.22	4.26	4.24	4.29	4.46	4.63	4.64	4.51	4.47	4.51	4.43	4.42
1972	4.38	4.41	4.45	4.28	4.24	4.25	4.46	4.65	4.71	4.59	4.37	4.42	4.43
1973	4.24	4.47	4.37	4.58	4.48	4.40	4.60	4.68	4.72	4.70	4.74	4.69	4.56
1974	4.84	4.67	4.58	4.51	4.64	4.58	4.62	5.06	4.95	4.82	4.78	4.61	4.72
1975	4.52	4.46	4.45	4.44	4.39	4.40	4.40	4.52	4.51	4.46	4.45	4.41	4.45
1976	4.51	4.31	4.28	4.32	4.37	4.43	4.46	4.66	4.82	4.73	4.77	4.65	4.53
1977	4.70	4.37	4.22	4.34	4.32	4.49	4.60	4.80	4.74	4.72	4.82	4.86	4.58
1978	4.62	4.67	4.54	4.73	4.68	4.44	4.87	4.64	4.61	4.87	4.78	4.55	4.67
1979	4.50	4.34	4.45	4.57	4.64	4.52	4.57	4.69	4.73	4.81	4.65	4.66	4.59
1980	4.86	4.81	4.61	4.54	4.51	4.60	4.83	4.79	4.73	4.75	4.80	4.87	4.72
1981	4.71	4.81	4.67	4.83	4.57	4.59	4.84	5.02	5.21	5.08	4.75	4.73	4.82
1982	4.62	4.62	4.49	4.33	4.34	4.42	4.49	4.54	4.59	4.65	4.68	4.60	4.53
1983	4.70	4.73	4.63	4.52	4.50	4.52	4.63	4.74	4.64	4.61	4.41	4.33	4.58
1984	4.36	4.47	4.43	4.42	4.59	4.73	4.79	4.93	5.02	5.07	5.01	4.97	4.73
1985	4.91	4.82	4.47	4.40	4.41	4.71	4.68	4.73	4.78	4.79	4.61	4.39	4.64
1986	4.41	4.52	4.46	4.31	4.26	4.31	4.31	4.50	4.54	4.50	4.65	4.43	4.43

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 1617760

HILO,KUHIO BY,HI 19 44.ON 155 03.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1927	4.40	4.38	4.15	4.29	4.30	4.20	4.29	4.47	4.52	4.47	4.62	4.54	4.39
1928	4.12	4.23	4.45	4.33	4.34	4.16	4.16	4.37	4.20	4.06	4.42	4.09	4.24
1929	4.29	4.14	4.14	3.99	4.17	4.21	4.32	4.41	4.71	4.52	4.56	4.63	4.34
1930	4.47	4.35	4.33	4.19	4.16	4.46	4.52	4.62	4.83	4.61	4.54	4.47	4.46
1931	4.50	4.64	4.59	4.41	4.36	4.50	4.60	4.53	4.66	4.95	4.89	4.53	4.60
1932	4.38	4.33	4.40	4.46	4.30	4.31							
1946												4.64	
1947	4.46	4.40	4.49	4.46	4.56	4.51	4.75	4.67	4.82	4.71	4.68	4.73	4.60
1948	4.58	4.47	4.22	4.52	4.25	4.38	4.62	4.70	4.66	4.73	4.67	4.53	4.53
1949	4.55	4.38	4.62	4.53	4.60	4.51	4.48	4.72	4.62	4.65	4.48	4.29	4.54
1950	4.45	4.33	4.52	4.67	4.34	4.35	4.48	4.57	4.66	4.77	4.92	4.92	4.58
1951	4.50	4.64	4.55	4.50	4.42	4.56	4.65	4.75	4.93	4.80	4.90	4.69	4.66
1952	4.44	4.61	4.35	4.43	4.45	4.57	4.59	4.62	4.81	4.70	4.95	4.71	4.60
1953	4.67	4.61	4.39	4.46	4.49	4.37	4.69	4.73	4.74	4.85	4.65	4.59	4.60
1954	4.75	4.48	4.47	4.52	4.57	4.77	4.79	4.85	5.04	4.82	4.95	4.70	4.73
1955	4.46	4.73	4.47	4.49	4.41	4.14	4.35	4.67	4.55	4.50	4.59	4.33	4.47
1956	4.49	4.54	4.40	4.87	4.71	4.50	4.82	4.77	4.66	4.83	4.76	4.85	4.68
1957	4.80	4.85	4.77	4.68	4.65	4.64	4.64	4.69	4.81	4.88	4.62	4.59	4.72
1958	4.50	4.61	4.78	4.51	4.69	4.76	4.87	5.05	5.03	5.12	5.02	5.03	4.83
1959	4.86	4.87	4.94	4.81	4.75	4.85	4.93	5.26	5.04	5.00	4.81	4.85	4.91
1960	4.69	4.67	4.69	4.63	4.46	4.74	4.46	4.61	4.91	4.78	4.84	4.97	4.70
1961	5.01	4.78	4.88	4.79	5.05	5.19	5.15	5.15	5.36	5.04	4.82	4.61	4.99
1962	5.01	4.83	4.78	4.94	4.64	4.51	4.62	4.68	4.73	4.79	4.70	4.75	4.75
1963	4.92	4.76	4.70	4.66	4.63	4.75	4.72	5.13	5.16	4.93	4.86	4.73	4.83
1964	4.62	4.50	4.57	4.66	4.51	4.61	4.99	4.90	5.10	5.02	4.84	4.99	4.78
1965	4.80	4.59	4.57	4.52	4.69	4.70	4.99	5.08	4.90	5.14	5.14	4.81	4.83
1966	4.96	4.79	4.76	4.62	4.59	4.85	4.85	5.11	5.19	5.17	5.16	4.89	4.91
1967	4.94	4.70	4.65	4.69	4.66	4.62	4.93	5.14	5.10	5.18	5.06	4.92	4.88
1968	4.80	4.95	4.82	4.80	4.45	4.50	4.89	5.15	5.09	5.23	5.17	5.11	4.91
1969	5.17	4.97	4.92	4.70	4.86	4.96	5.15	5.09	5.28	4.93	4.96	4.94	4.99
1970	4.91	4.84	4.78	4.56	4.55	4.81	4.74	4.99	4.92	4.88	4.94	4.63	4.80
1971	4.81	4.69	4.71	4.67	4.65	4.47	4.79	4.70	4.74	4.64	4.89	4.64	4.70
1972	4.66	4.64	4.79	4.44	4.40	4.44	4.80	4.85	4.92	4.88	4.65	4.62	4.67
1973	4.58	4.51	4.73	4.52	4.32	4.57	4.73	5.01	4.92	5.06	4.98	4.99	4.74
1974	5.03	4.76	4.97	5.00	4.98	4.89	5.24	5.30	5.10	5.31	5.28	4.84	5.06
1975	4.87	4.87	4.65	4.63	4.83	4.47	4.56	5.03	4.78	4.86	4.66	4.54	4.73
1976	4.57	4.56	4.69	4.69	4.79	4.58	4.64	5.02	5.11	4.94	5.06	4.93	4.80
1977	4.74	4.72	4.65	4.65	4.49	4.72	4.95	5.00	5.08	5.14	5.05	5.06	4.85
1978	5.00	5.00	5.04	5.19	4.95	5.10	5.30	5.31	5.34	5.53	5.24	4.97	5.16
1979	5.03	4.80	4.93	5.17	5.07	4.93	4.97	5.03	4.97	5.23	5.06	5.10	5.02
1980	5.24	5.13	5.29	5.14	5.01	4.68	5.12	5.38	5.28	5.26	5.14	5.08	5.15
1981	5.21	5.09	4.97	5.10	5.13	5.14	5.10	5.33	5.44	5.28	5.15	5.09	5.17
1982	5.11	4.85	4.74	4.91	4.66	4.65	4.89	5.18	5.22	5.49	5.16	5.23	5.01
1983	5.27	5.15	5.07	4.96	4.91	4.89	5.04	5.15	5.35	5.08	4.91	5.05	5.07

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "0".

RUN DATE 08/19/87

STATION NO. 1617760

HILO,KUHIO BY,HI 19 44.0N 155 03.5W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1984	4.99	4.86	5.05	4.92	4.97	5.15	5.11	5.44	5.48	5.44	5.18	5.19	5.15
1985	5.16	5.05	5.01	4.75	4.80	4.96	5.00	5.09	5.16	5.15	5.07	4.82	5.00
1986	4.81	4.88	4.64	4.57	4.84	4.73	4.70	5.07	5.14	5.11	5.09	5.06	4.89

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 1619000

JOHNSTON ISLAND 16 44.4N 169 31.8W

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1950	2.47	2.37	2.44	2.71	2.37	2.67	2.88	2.76	3.06	2.65	2.63	2.84	2.65
1951	2.52	2.52	1.82	2.70	2.87	2.09	2.27	3.07	2.96	2.90	2.75	2.87	2.61
1952					2.92		3.04		3.35	3.23	2.94	2.98	
1953	3.05	2.89				2.52	2.69	3.08	2.98	3.23	2.99	3.00	
1954	3.25	3.15	2.72	2.73	2.74	2.64	2.57	2.73	2.67	2.91	3.48	2.82	2.87
1955	2.89	2.76	2.38	2.31	2.32	2.41	2.61	2.90	2.84	3.07	3.08	2.98	2.71
1956	2.84	2.93	2.60	2.61	2.34	2.41	2.67	2.88	2.80	2.78	3.26	3.17	2.77
1957	3.18	3.14	2.88	2.65	2.60	2.78	2.56	2.72	3.07	2.96	3.27	2.66	2.87
1958	2.76	2.70	2.49	2.50	2.48	2.21	2.63	3.31	3.05	2.98	3.00	2.82	2.74
1959	3.20	2.56	2.58	2.70	2.64	2.63	2.94	2.98	3.27	3.19	2.87	3.11	2.89
1960	3.09	3.04	2.48	2.51	2.87	2.51	2.48	2.80	3.17	2.74	2.99	3.07	2.81
1961	3.16	3.40	3.16	2.91	2.58	2.85	3.08	3.04	3.01	3.15	2.81	3.08	3.02
1962	3.04	3.22		2.45	2.22	2.75	2.98	3.12	3.25				
1963	2.50	2.75	2.33	2.37	2.48	2.37	2.85	2.95	3.06	3.08	3.16	3.19	2.76
1964	2.76	2.47	3.10	3.06	2.71	2.90	2.86	3.09	3.24	3.26	3.07	2.62	2.93
1965	2.16	2.47	2.59	2.50	2.56	2.54	2.70	2.64	2.95	3.14	3.14	2.92	2.69
1966	2.78	2.95	2.87	2.95	2.66	2.62	2.94	3.05	3.00	3.28	2.94	2.83	2.91
1967	2.75	3.03	2.61	1.78	2.38	2.68	2.92	2.85	3.03	2.97	2.93	2.88	2.73
1968	2.54	2.73	2.39	1.95	2.79	2.36	2.56	2.74	3.00	3.25	3.18	2.99	2.71
1969	2.51	2.63	2.67	2.56	2.70	2.84	2.93	2.90	3.20	3.08	3.17	3.32	2.88
1970	3.02	2.93	3.08	3.02	2.89	2.93	3.06	2.99	2.72	3.21	3.16	2.94	3.00
1971	3.06	2.86	2.82	2.78	2.51	2.64	2.93	3.02	3.04	2.98	2.62	2.74	2.83
1972	2.58	2.29	2.39	2.58	2.51	2.53	2.72	2.83	2.48	2.79	2.93	3.14	2.65
1973	2.93	2.58	2.58	2.56	2.14	2.72	2.94	2.90	2.89	2.86	2.83	3.13	2.76
1974	3.19	2.50	2.69	2.71	2.59	2.58	2.53	2.72	2.75	3.11	3.25	3.02	2.80
1975	3.17	2.82	2.61	3.23	2.41	2.71	2.68	3.03	3.08	3.04	2.92	2.64	2.86
1976	2.47	2.82	2.30	2.37	2.69	2.46	2.60	2.79	2.90	2.92	2.65	2.66	2.64
1977	2.90	2.52	2.66	2.70	2.51	2.70	2.90	2.75	3.05	3.25	3.01	2.92	2.82
1978	2.87	2.52	2.54	2.67	2.69	2.93	2.93	2.80	3.03	2.88	2.45	2.67	2.75
1979	2.37	2.05	2.46	2.66	2.46	2.58	2.72	2.94	3.05	3.06	2.86	2.82	2.67
1980	3.10	2.69			2.66	2.68		3.04	3.13	3.04	3.12	3.32	
1981	3.18	3.06	2.76	3.12	3.13	2.75	2.93	3.31	3.60	3.36	2.99	3.00	3.10
1982	2.83	2.94	2.83	1.97	2.09	2.50	2.95	3.03	3.04	2.79	2.88	2.52	2.70
1983	2.67	3.07	2.53	2.44	2.45	2.69	2.99	3.03	3.11	3.06	3.11	3.11	2.86
1984	3.21	2.80	2.98	2.90	2.87	2.87	3.21	3.32	2.97	3.16	3.07	2.94	3.02
1985	2.88	2.47	2.59	2.53	2.30	2.55	2.83	3.14	2.77	2.90	2.91	2.80	2.72
1986	2.82	2.77	2.61	2.38	2.51	2.23	2.57	2.87	2.84	2.76	2.95	3.08	2.70

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 1619910
SAND ISLAND, MIDWAY 28 12.7N 177 21.6W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1947	3.32	3.40	3.13	2.91	3.09	3.28	3.06	3.18	3.27	3.36	3.47	2.91	3.20
1948	2.88	3.09	2.91	3.10	3.08	3.04	3.07	3.42	3.50	3.33	3.60	3.52	3.21
1949	3.34	3.54	3.59	3.07	3.19	3.20	3.12	3.26	3.34	3.40	3.45	3.49	3.33
1950	3.53	3.29	3.29	3.12	3.10	3.07	3.23	3.48	3.56	3.58	3.78	3.66	3.39
1951	3.65	3.70	3.56	3.21	3.12	3.27	3.41	3.46	3.53	3.53	3.55	3.51	3.46
1952	3.38	3.22	3.13	3.10	3.00	3.38	3.61	3.53	3.76	3.63	3.63	3.64	3.42
1953	3.69	3.60	3.36	3.43	3.33	3.29	3.33	3.34	3.64	3.73	3.39	3.25	3.45
1954	3.55	3.31	3.32	3.14	3.08	3.47	3.25	3.11	3.23	3.24	3.50	3.41	3.30
1955	3.40	3.37	3.40	3.13	3.11	3.28	3.32	3.28	3.27	3.31	3.29	3.24	3.28
1956	3.33	3.23	2.93	2.82	2.83	2.96	3.10	3.37	3.67	3.69	3.44	3.39	3.23
1957	3.21	3.42	3.19	3.05	3.23	3.10	2.87	3.16	3.36	3.32	3.20	3.16	3.19
1958	3.62	3.63	2.96	2.77	3.15	3.10	3.15	3.44	3.61	3.53	3.31	3.30	3.30
1959	3.33	2.74	3.01	2.84	2.88	3.11	3.11	3.39	3.54	3.28	3.18	3.31	3.14
1960	3.63	3.37	3.15	3.10	3.36	3.46	3.49	3.51	3.21	3.36	3.23	2.99	3.32
1961	3.29	3.47	3.75	3.19	2.91	3.11	2.84	2.98	3.33	3.69	3.32	3.66	3.30
1962	3.30	3.31	3.20	3.27	2.85	3.02	2.96	2.92	3.14	3.15	3.18	3.44	3.14
1963	3.71	3.53	3.25	3.23	3.37	3.33	3.05	3.38	3.41	3.44	3.23	3.25	3.35
1964	3.42	3.58	3.29	2.82	3.20	3.41	3.55	3.64	3.62	3.75	3.94	3.73	3.50
1965	3.22	3.21	3.54	3.11	3.05	3.08	3.28	3.64	3.87	3.57	3.73	3.43	3.39
1966	3.43	3.20	3.35	3.30	3.20	3.12	3.21	3.12	3.25	3.19	3.29	3.24	3.24
1967	3.34	3.26	3.15	3.20	3.09	3.35	3.38	3.13	3.33	3.33	3.29	3.50	3.28
1968	3.48	3.79	3.03	3.03	3.02	3.02	3.17	3.73	3.88	3.52	3.35	3.49	3.38
1969	2.93	3.15	3.02	2.60	2.70	2.85	2.99	3.40	3.67	3.37	3.10	3.49	3.11
1970	3.79	3.90	3.44	2.70	3.38	3.47	3.26	3.23	2.98	3.00	3.24	3.07	3.29
1971	3.26	3.41	3.07	3.13	3.42	3.06	3.63	3.76	3.37	3.32	3.41	3.41	3.35
1972	3.25	3.15	2.92	2.87	3.04	2.89	3.04	3.16	3.36	3.18	3.30	3.24	3.12
1973													
1974			3.25	3.07			3.72	3.68	3.34	3.28	3.12	3.35	
1975	3.06	3.18	3.12	2.98	2.80	2.84	2.91	3.08	3.10	3.22	3.21	3.08	3.05
1976	3.48	3.28	3.04						3.75	3.75	3.67	3.58	
1977	3.91	3.36	3.19	3.12	3.33	3.04	2.73			3.20	3.78	3.49	
1978	3.35	3.23	2.91	2.79	2.64	2.66	2.85	3.78		3.76			
1979				3.39	2.95	2.62	2.84	3.45	3.62	3.50			
1980			3.11	2.86	2.74	2.74	3.10	3.28	3.24	3.09	3.42	3.72	
1981	3.61	3.35	3.19	3.08			2.67	2.80	2.91	3.12	3.11	3.24	
1982	3.11	3.15	2.96	2.95	2.97	3.10	3.31	3.38	3.44	3.54	3.34	2.98	3.19
1983	3.25	3.43	3.43	3.05	2.85	2.86	3.05	3.10	3.25	3.20	3.30	3.22	3.17
1984	3.68	3.35	3.59	3.29	3.30	2.96	3.23	3.68	3.68	3.48	3.14	3.45	3.40
1985	3.52	3.07	2.84	2.92	3.04				3.53	3.59	3.26	3.38	
1986	3.55	3.83	3.47	3.39	3.11	3.26	3.19	3.19	3.43	3.24	3.33	3.39	3.37

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 1630000

APRA HARBOR,GUAM 13 26.5N 144 39.2E

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1949	2.38	2.51	2.59	2.68	2.70	2.86	2.95	3.04	3.04	2.85	2.59	2.89	2.76
1950	2.94	2.98	3.06	3.07	3.11	2.99	2.96	2.70	2.64	2.42	2.38	2.31	2.80
1951	2.24	2.28	2.56	2.73	2.84	2.91	2.87	2.88	2.79	2.71	2.51	2.41	2.64
1952	2.51	2.62	2.79	2.77	2.73	2.84	2.83	2.88	2.62	2.71	2.63	2.56	2.71
1953	2.63	2.76	2.84	2.92	2.88	3.06	3.20	3.15	3.04	2.93	3.00	2.88	2.94
1954	2.83	3.03	3.07	3.19	3.02	3.02	2.92	2.97	2.77	2.62	2.55	2.49	2.87
1955	2.40	2.75	2.79	2.82	2.84	2.84	2.87	2.90	2.93	2.70	2.68	2.68	2.77
1956	2.62	2.76	2.76	2.87	2.81	2.68	2.61	2.61	2.39	2.32	2.32	2.32	2.59
1957	2.64	2.78	2.79	2.82	2.72	2.79	2.99	2.98	2.92	2.80	2.59	2.46	2.77
1958	2.33	2.44	2.41	2.51	2.50	2.50	2.71	2.85	2.60	2.51	2.40	2.11	2.49
1959	1.90	2.26	2.44	2.72	2.78	2.84	2.89	2.85	2.86	2.68	2.46	2.39	2.59
1960	2.36	2.63	2.58	2.78	2.83	2.95	2.88	2.90	2.66	2.65	2.60	2.46	2.69
1961	2.46	2.57	2.77	2.74	2.91	3.08	3.02	2.84	2.89	2.82	2.57	2.56	2.77
1962	2.76	2.70	2.86	3.11	3.07	2.94	2.82	2.85	2.66	2.61	2.58	2.50	2.79
1963	2.54	2.50	2.92	3.02	2.98	2.82	2.57	2.63	2.63	2.26	2.20	2.09	2.60
1964	2.31	2.45	2.47	2.56	2.65	2.80	2.90	2.87	2.78	2.53	2.58	2.54	2.62
1965	2.54	2.82	2.76	2.76	2.74	2.70	2.90	2.90	2.81	2.58	2.33	2.31	2.68
1966	2.35	2.46	2.53	2.59	2.72	2.76	2.80	2.82	2.86	2.78	2.42	2.47	2.63
1967	2.38	2.41	2.42	2.50	2.55	2.50	2.67	2.60	2.39	2.48	2.12	1.87	2.41
1968	2.34	2.56	2.67	2.59	2.67	2.68	2.74	2.59	2.54	2.28	2.06	1.76	2.46
1969	1.97	2.20	2.50	2.46	2.43	2.58	2.84	2.81	2.76	2.58	2.74	2.60	2.54
1970	2.46	2.68	2.81	2.73	2.92	3.18	3.19	3.08	3.16	3.07	2.94	3.08	2.94
1971	2.96	2.96	2.90	2.95	2.91	3.09	3.23	3.10	3.07	2.95	2.85	2.96	2.99
1972	2.74	2.75	2.65	2.57	2.56	2.50	2.49	2.19	1.80	1.23	1.62	1.78	2.24
1973	1.95	1.95	2.04	2.47	2.65	2.92	3.01	3.03	3.03	3.03	2.95	2.81	2.65
1974	2.85	2.92	2.80	2.81	2.74	2.62	2.62	2.50	2.42	2.59	2.23	2.21	2.61
1975	2.44	2.63	2.76	2.76	2.90	3.11	3.18			2.97			
1976				2.95								2.55	
1977	2.61	2.75	2.86	2.92	2.85	2.88	2.86	2.86	2.99	2.75	2.34	2.33	2.75
1978	2.37	2.53	2.48	2.60	2.80	2.77	2.99	2.99	2.86	2.83	2.70	2.40	2.69
1979	2.35	2.22	2.45	2.60	2.64	2.79	3.03	2.85	2.66	2.57	2.59	2.40	2.60
1980	2.36	2.46	2.61	2.85	2.80	2.87	2.91	2.95	2.77	2.62	2.63	2.38	2.68
1981	2.48	2.55	2.72	2.67	2.76	2.88	3.15	3.15	2.98	3.07	2.89	2.60	2.82
1982	2.79	2.82	2.82	2.83	2.81	2.64	2.71	2.42	2.42	2.12	1.83	1.68	2.48
1983	1.77	1.73	2.09	2.18	2.23	2.43	2.66	2.54	2.67	2.68	2.69	2.54	2.35
1984									3.20	3.00	2.67	2.85	
1985	2.71	2.93	2.95	3.11	2.79	2.75	2.81	2.79	2.71	2.63	2.51	2.66	2.78
1986	2.77	2.72	2.56		2.75	2.93	2.78				2.11	2.20	

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 1770000
PAGO PAGO, AMERICAN SAMOA 14 16.7S 170 40.9W
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1948										3.49	3.31	3.31	
1949	3.30	3.55	3.59	3.63	3.88	3.61	3.59	3.54	3.56	3.62	3.60	3.80	3.61
1950	3.83	3.78	3.86	3.88	3.84	3.71	3.60	3.60	3.70	3.77	3.82	3.90	3.77
1951	3.78	4.02	4.07	3.95	3.74	3.64	3.66	3.64	3.67	3.64	3.61	3.49	3.74
1952	3.54	3.53	3.60	3.52	3.50	3.78	3.87	3.88	3.82	3.80	3.72	3.61	3.68
1953	3.42	3.40	3.56	3.62	3.70	3.61	3.65	3.66	3.47	3.49	3.31	3.38	3.52
1954	3.46	3.43	3.55	3.71	3.69	3.95	3.81	3.85	3.80	3.88	3.81	3.98	3.74
1955	4.08	4.06	4.06	4.11	3.94	3.92	3.82	3.95	3.87	3.85	3.84	3.83	3.94
1956	3.91												
1957	3.86	3.86	3.76	4.00	3.84	3.75	3.79	3.78	3.83	3.60	3.69	3.59	3.78
1958	3.46	3.45	3.41	3.24	3.45	3.43	3.64	3.69	3.70	3.76	3.77	3.69	3.56
1959	3.76	3.58	3.47	3.96	3.92	3.77	3.73	3.83	3.67	3.68	3.56	3.72	3.72
1960	3.84	3.89	3.95	4.08	4.00	3.94	3.83	3.93	4.38	3.86	3.78	3.79	3.94
1961	3.76	3.78	3.78	3.68	3.76	3.97	3.96	4.08	4.11	3.87	3.67	3.63	3.84
1962	3.69	3.67	3.61	3.89	4.04	3.97	3.89	3.89	3.90	3.90	3.82	3.73	3.83
1963	3.60	3.64	3.72	4.07	3.98	3.90	3.83	3.92	3.83	3.83	3.78	3.66	3.81
1964	3.53	3.50	3.58	3.58	3.70	3.82	3.98	4.03	4.00	4.03	4.05	3.86	3.80
1965	3.80	3.89	3.93	3.90	3.87	3.86	3.93	3.91	3.96	3.82	3.68	3.49	3.84
1966	3.53	3.18	3.48	3.62	3.56	3.72	3.80	3.76	3.70	3.67	3.74	3.49	3.60
1967	3.51	3.72	3.75	4.08	4.11	4.01	3.97	3.71	3.81	3.84	3.82	3.84	3.85
1968	3.91	3.82	3.68	3.59	3.78	3.81	3.90	3.92	3.80	3.96	3.87	3.70	3.82
1969	3.88	3.91	3.93	3.82	3.72	3.69	3.66	3.71	3.77	3.75	3.63	3.58	3.75
1970	3.62	3.78	3.61	3.73	3.92	3.98	4.07	3.94	3.67	3.64	3.68	3.95	3.80
1971	4.08	4.18	4.19	4.28	4.26	4.09	4.07	3.87	3.90	3.93	3.88	3.72	4.04
1972	3.84	3.77	3.86	3.91	3.84	3.81	3.88	3.86	3.81	3.83	3.74	3.88	3.84
1973	3.80	3.69	3.67	3.70	3.54	3.58	3.62	3.59	3.77	3.60	3.58	3.88	3.67
1974	3.93	3.91	3.88	4.16	4.21	4.07	4.05	4.11	4.03	3.80	4.09	4.03	4.02
1975	3.78	3.79	3.85	3.93	3.79	3.78	3.77	3.80	3.91	3.99	4.01	3.91	3.86
1976	3.97	4.00	4.02	4.02	3.96		4.05		3.76	3.79	3.88	3.98	
1977	3.83	3.81	3.82	3.75	3.79	3.73	3.68	3.67	3.60	3.61	3.76	3.61	3.72
1978													
1979													
1980	3.82	3.60	3.86	3.90	3.60	3.72	3.83	4.06	4.10	4.18	4.11	4.15	3.91
1981	3.96	3.84	3.70	3.86		3.69					4.05	4.02	
1982	3.94	4.06	4.21	4.29	4.12	4.14	4.08	3.98	3.87	3.88	3.74	3.71	4.00
1983	3.67	3.59	3.38	3.25	3.04	3.10	3.33	3.38	3.51	3.49	3.68	3.76	3.43
1984	3.66	3.84	3.78	3.86	4.14	4.01	3.88	3.81	4.00	3.91	3.85	3.91	3.89
1985		4.06	4.36	4.37	4.21	4.13	4.14	4.02	4.00	3.98	3.77	3.89	
1986	3.91	3.99	3.92	3.90	4.03	4.21	4.23	4.06	4.12	3.89	4.00	3.98	4.02

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 1820000
KWAJALEIN, MARSHALL ISLANDS 08 44.2N 167 44.3E
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1947	4.49	4.69	4.83	4.84	4.65	4.67	4.58	4.62	4.56	4.67	4.68	4.68	4.66
1948	4.61	4.51	4.50	4.59	4.72	4.66	4.70	4.65	4.95	4.90	4.54	4.63	4.66
1949	4.29	4.60	4.68	4.70	4.88	4.69	4.74	4.75	4.69	4.65	4.66	4.45	4.65
1950	4.48	4.46	4.64	4.62	4.65	4.44	4.51	4.67	4.82	4.73	4.69	4.94	4.64
1951	4.41	4.63	4.65	4.74	4.61	4.63	4.54	4.53	4.44	4.37	4.34	4.22	4.51
1952	4.14	4.32	4.36	4.49	4.51	4.63	4.76	4.73	4.71	4.88	4.56	4.42	4.54
1953	4.51	4.62	4.73	4.73	4.82	4.83	4.74	4.74	4.63	4.56	4.52	4.48	4.66
1954	4.65	4.61	4.64	4.81	4.58	4.40	4.35	4.60	4.76	4.77	4.47	4.56	4.60
1955	4.71	4.85	4.85	4.73	4.55	4.56	4.61	4.76	4.85	4.79	4.78	4.96	4.75
1956	4.81	4.63	4.71	4.64	4.63	4.55	4.63	4.72	4.68	4.72	4.66	4.62	4.67
1957	4.41	4.62	4.61	4.63	4.70	4.67	4.59	4.56	4.51	4.35	4.15	3.88	4.47
1958	4.01	4.38	4.62	4.75	4.67	4.57	4.65	4.73	4.62	4.75	4.52	4.35	4.55
1959	4.35	4.37	4.64	4.71	4.53	4.30	4.35	4.43	4.61	4.65	4.49	4.42	4.49
1960	4.42	4.63	4.79	4.71	4.86	4.87	4.78	4.74	4.84	5.01	4.83	4.67	4.76
1961	4.69	4.80	4.87	4.82	4.88	4.91	4.84	4.87	4.95	4.87	4.81	4.55	4.82
1962	4.72	4.85	4.85	4.90	4.89	4.91	4.96	4.91	4.99	4.98	4.87	4.79	4.88
1963	4.47	4.89	4.96	4.82	4.79	4.70	4.60	4.63	4.50	4.56	4.47	4.45	4.65
1964	4.44	4.58	4.86	4.86	4.95	4.80	4.72	4.74	4.90	4.80	4.69	4.49	4.74
1965	4.37	4.52	4.69	4.76	4.74	4.61	4.63	4.53	4.46	4.41	4.18	4.09	4.50
1966	4.24	4.52	4.51	4.64	4.72	4.66	4.59	4.69	4.75	4.75	4.69	4.56	4.61
1967	4.59	4.76	4.90	4.80	4.67	4.66	4.82	4.84	4.95	4.97	4.80	4.59	4.78
1968	4.71	4.95	4.94	4.74	4.43	4.30	4.39	4.47	4.53	4.66	4.52	4.37	4.58
1969	4.26	4.33	4.38	4.54	4.59	4.47	4.53	4.58	4.66	4.48	4.37	4.45	4.47
1970	4.53	4.71	4.90	4.87	4.94	4.96	4.93	4.91	4.89	4.96	4.95	4.91	4.87
1971	4.81	4.91	5.01	4.98	4.99	5.02	5.12	4.96	4.84	4.94	4.72	4.80	4.92
1972	4.64	4.76	4.75	4.69	4.56	4.44	4.46	4.44	4.47	4.36	4.23	4.20	4.50
1973	4.36	4.56	4.81	4.87	5.06	4.97	4.99	4.90	4.80	4.90	4.85	4.82	4.82
1974	4.78	4.87	5.08	4.96	4.83	4.79	4.83	4.77	4.96	5.05	5.00	4.62	4.88
1975	4.58	4.68	4.82	5.00	4.88	4.90	4.77	4.78	4.98	5.11	4.83	4.86	4.85
1976	4.78	4.83	4.72	4.75	4.76	4.80	4.80	4.67	4.48	4.47	4.35	4.50	4.66
1977	4.50	4.66	4.88	5.06	5.02	4.95	4.98	4.85	4.69	4.62	4.66	4.44	4.78
1978	4.44	4.75	4.96	5.03	5.06	4.91	4.78	4.78	4.93	4.84	4.64	4.49	4.80
1979	4.29	4.46	4.77	4.77	4.76	4.82	4.94	4.86	4.82	4.71	4.71	4.61	4.71
1980	4.64	4.73	4.93	4.80	4.70	4.76	4.63	4.69	4.80	4.84	4.55	4.63	4.72
1981	4.79	4.80	4.81	5.03	4.93	4.91	5.01	4.93	4.78	4.86	4.69	4.57	4.84
1982	4.72	4.71	4.83	4.75	4.50	4.52	4.41	4.37	4.20	4.15	4.00	3.76	4.41
1983	3.86	4.25	4.40	4.61	4.69	4.89	5.04	5.00	5.05	4.91	4.77	4.55	4.67
1984										4.83	4.80	4.86	
1985	4.69	4.81	4.90	4.92	4.78	4.68	4.60	4.64	4.68	4.75	4.74	4.42	4.72
1986	4.65	4.98	4.91	4.87	4.71	4.71	4.80	4.87	4.68	4.50	4.51	4.30	4.71

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 1840000
TRUK ATOLL, E. CAROL 07 26.8N 151 50.7E
MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1947										3.71			
1948		3.52	3.61								3.66	3.71	
1949				3.58						3.61	3.77		
1950		3.55	3.72	3.68	3.61	3.58					3.84	3.60	
1951	3.40	3.54	3.80	3.45	3.27						2.93	2.75	
1952											3.55	3.33	
1953	3.30	3.33	3.66	3.74	3.77	3.67	3.67	3.48	3.23	3.17	3.20	3.06	3.44
1954	3.06	3.36	3.46	3.65	3.62	3.56	3.43	3.47	3.70	3.86	3.76	3.62	3.55
1955	3.65	3.89	3.80	3.63	3.58	3.50	3.45	3.46	3.81	3.85	4.05	3.93	3.72
1956	3.65	3.65	3.75	3.64	3.52	3.49	3.34	3.51	3.62	3.62	3.52	3.36	3.56
1957	3.58	3.56	3.60	3.75	3.54	3.56	3.42	3.39	3.16	3.04	2.96	2.72	3.36
1958	2.74	3.01	3.36	3.61	3.65	3.51	3.28	3.26	3.46	3.41	3.26	3.50	3.34
1959	3.40	3.44	3.34	3.54	3.62	3.46	3.30	3.31	3.46	3.46	3.44	3.27	3.42
1960	3.18	3.38	3.64	3.72	3.68	3.66	3.75	3.81	3.71	3.56	3.63	3.42	3.60
1961	3.39	3.59	3.70	3.81	3.79	3.55	3.58	3.79	3.64	3.74	3.66	3.66	3.66
1962	3.42	3.53	3.72	3.76	3.79	3.64	3.72	3.63	3.55	3.86	3.80	3.59	3.67
1963	3.42	3.53	3.69	3.60	3.60	3.56	3.36	3.29	3.24	3.30	3.00	2.95	3.38
1964	3.22	3.45	3.62	3.72	3.73	3.75	3.71	3.75	3.81	3.86	3.71	3.47	3.65
1965	3.43	3.55	3.74	3.75	3.67	3.56	3.44	3.13	3.04	2.97	2.81	2.82	3.33
1966	3.03	3.32	3.57	3.59	3.50	3.48	3.41	3.47	3.46	3.61	3.51	3.56	3.46
1967	3.68	3.82	3.78	3.64	3.60	3.46	3.61	3.51	3.70	3.81	3.65	3.39	3.64
1968	3.62	3.86	3.89	3.80	3.67	3.40	3.40	3.38	3.41	3.54	3.33	3.15	3.54
1969	3.17	3.08	3.27	3.47	3.45	3.36	3.36	3.28	3.32	3.35	3.33	3.08	3.29
1970	2.87	3.48	3.67	3.81	3.88	3.73	3.71	3.83	3.88	3.93	3.85	3.65	3.69
1971	3.63	3.75	3.74	3.65	3.42	3.67	3.79	3.75	3.82	4.14	3.67	3.72	3.73
1972	3.70	3.60	3.69	3.55	3.36	3.07	2.92	3.04	2.92	2.91	2.84	2.81	3.20
1973	3.01	3.28	3.76	3.85	3.86	3.75	3.85	3.74	3.91	3.97	3.90	3.84	3.73
1974	3.77	3.75	3.56	3.76	3.55	3.51	3.62	3.88	3.89	4.06	3.85	3.41	3.72
1975	3.48	3.90	4.03	3.97	3.90	3.89	3.77	3.69	3.98	4.27			
1976				3.65	3.32	3.21	3.23	3.28			2.97	2.91	
1977				3.90	3.78	3.81	3.78	3.61	3.51	3.54	3.31	3.17	
1978	3.20	3.32	3.70	3.74	4.01	3.78	3.83	3.78	3.82	3.75	3.81	3.60	3.70
1979	3.47	3.54	3.75	3.80	3.70	3.71	3.70	3.57	3.67	3.30	3.38	3.32	3.58
1980	3.15	3.24	3.57	3.70	3.45	3.30	3.29	3.31	3.36	3.43	3.11	3.09	3.33
1981	3.40	3.75	3.58	3.71	3.64	3.81	3.77	3.79	3.76	3.78	3.78	3.49	3.69
1982	3.74	3.73	3.81	3.61	3.46	3.42	3.04	3.01	3.07	2.85	2.87	2.75	3.28
1983	2.92	3.09	3.21	3.68	3.90	3.85	3.79	3.79	3.77	3.86	3.81	3.68	3.61
1984	3.45	3.66	3.80	4.00	4.09	3.95	3.93	3.84	3.75	3.80	3.61	3.77	3.80
1985		4.08	4.04	3.88	3.84	3.72	3.59	3.53	3.61	3.53	3.50	3.47	
1986	3.67	3.84	3.94	3.99	3.69	3.56	3.56	3.64	3.55	3.49	3.42	3.09	3.62

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

RUN DATE 08/19/87

STATION NO. 1890000

WAKE ISLAND 19 17.4N 166 37.8E

MONTHLY AND YEARLY MEAN SEA LEVEL (FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR MEAN
1950						4.76	4.94	5.07	5.18	5.21	5.03	4.91	
1951	4.51	5.15	4.79	4.77	4.80	4.83	5.20	5.02	4.87	4.95	4.88	4.76	4.88
1952	4.93	4.92	4.87	5.01	4.92	5.00	5.34	5.09	5.10	5.30	5.44	5.24	5.10
1953	5.29	5.48	5.29	5.40	5.27	5.16	5.01	5.02	5.04	5.11	5.33	4.93	5.19
1954	5.27	5.33	5.02	5.23	5.01	4.90	5.17	5.49	5.09	5.25	5.14	4.92	5.15
1955	4.87	5.20	5.44	4.97	5.12	5.05	5.35	5.24	4.97	4.77	5.17	4.96	5.09
1956	5.09	4.28	4.80	4.83	4.53	4.76	4.77	4.90	5.03	5.15	5.07	5.04	4.85
1957	5.04	5.13	4.66	4.58	4.43	4.88	5.44	5.52	5.27	5.08	5.30	4.94	5.02
1958	4.71	4.77	5.08	5.22	4.62	4.94	4.74	5.41	5.02	5.05	5.04	5.23	4.99
1959	5.07	4.84	4.94	5.12	4.95	5.25	4.83	5.30	5.67	5.50	5.15	5.16	5.15
1960	4.90	5.11	5.40	5.68	5.17	5.20	5.23	4.94	5.26	5.15	4.93	5.36	5.19
1961	5.25	5.06	5.01	5.03	4.88	4.92	5.21	5.55	5.64	5.30	4.70	4.75	5.11
1962	4.84	4.72	5.00	5.47	5.00	5.07	5.33	5.61	5.40	5.26	4.87	4.84	5.12
1963	4.79	5.12	5.01	5.08	5.21	5.44	5.38	5.48	4.86	5.16	5.13	5.12	5.15
1964	5.03	5.03	5.06	5.06	5.17	4.76	5.17	5.20	4.95	5.10	5.40	5.35	5.11
1965	5.26	5.12	5.17	5.26	4.97	4.63	4.90	5.34	4.99	5.44	4.90	4.62	5.05
1966	4.96	5.20	5.00	4.56	4.75	4.72	4.68	4.84	5.00	5.54	5.05	5.08	4.95
1967	5.04	5.22	5.02	4.56	4.91	4.69	4.97	5.01	5.12	5.16	5.00	4.80	4.96
1969						5.15	5.19	5.06	5.48	5.34	5.28	5.16	
1970	5.28	5.26	5.12	4.73	4.85	5.34	5.61	5.52	5.48	5.41	5.41	5.23	5.27
1971	5.02	4.88	4.82	4.79	4.81	4.81	5.03	5.32	5.37	5.29	5.20	5.23	5.05
1972	4.91	4.84	4.94	4.98	4.65	4.96	5.10	5.19	5.13	5.27	5.39	5.31	5.06
1973	5.05	5.18	5.02	5.11	4.99	5.02	5.24	5.13	5.15	5.11	5.14	5.17	5.11
1974	5.40		4.95									5.08	
1975	5.01	5.13	5.41	5.47	5.53	5.41	5.18	5.40	5.52	5.49	5.62	5.48	5.39
1976	5.33	5.14	5.12	5.26	4.98	5.03	5.12	5.07	5.08	5.10	4.99	4.93	5.10
1977	4.87	4.86	4.66	4.78	4.79	5.07	5.24	5.00	5.01	5.16	5.39	5.10	4.99
1978													
1979			5.18	4.85	5.16	4.67	4.91	5.21	5.17	4.88	5.46	5.26	
1980	5.04	4.98	4.89	5.20	4.67	5.22	5.23	5.58	5.67	5.20	5.03	5.41	5.18
1981	5.16	5.37											
1982									5.17	5.39	4.81	4.82	
1983	4.92	4.85	4.86	4.97	4.66	4.66	4.82	5.08	5.89	5.78	5.61	5.57	5.14
1984							5.18	5.76	5.91	5.45	5.55	5.26	
1985					5.32	5.44	5.64	5.41	5.28	5.46	5.18	5.02	
1986	5.20	5.07	5.00	5.29	4.87	4.75	4.92	5.17	5.17	4.87	4.97	5.04	5.03

NOTE: ALL ELEVATIONS ARE ABOVE ORIGINAL STATION STAFF "O".

APPENDIX D

Formulae for Calculating Trends and Variability

Slope of a least-squares line of regression:

$$b = \frac{\Sigma xy - \frac{(\Sigma x)(\Sigma y)}{n}}{\Sigma x^2 - \frac{(\Sigma x)^2}{n}}$$

Where x = date,

y = height of yearly mean sea level, and

n = number of yearly mean sea-level values.

Standard Error of Slope:

$$s_b = \frac{s_{y.x}}{\sqrt{\Sigma x^2 - \frac{(\Sigma x)^2}{n}}}$$

Where $s_{y.x}$ = Standard Error Estimate.

Standard Error of Estimate (standard deviation from line of regression):

$$s_{y.x} = \sqrt{\frac{\Sigma y^2 - \frac{(\Sigma y)^2}{n} - b\left(\Sigma xy - \frac{(\Sigma x)(\Sigma y)}{n}\right)}{n - 2}}$$

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