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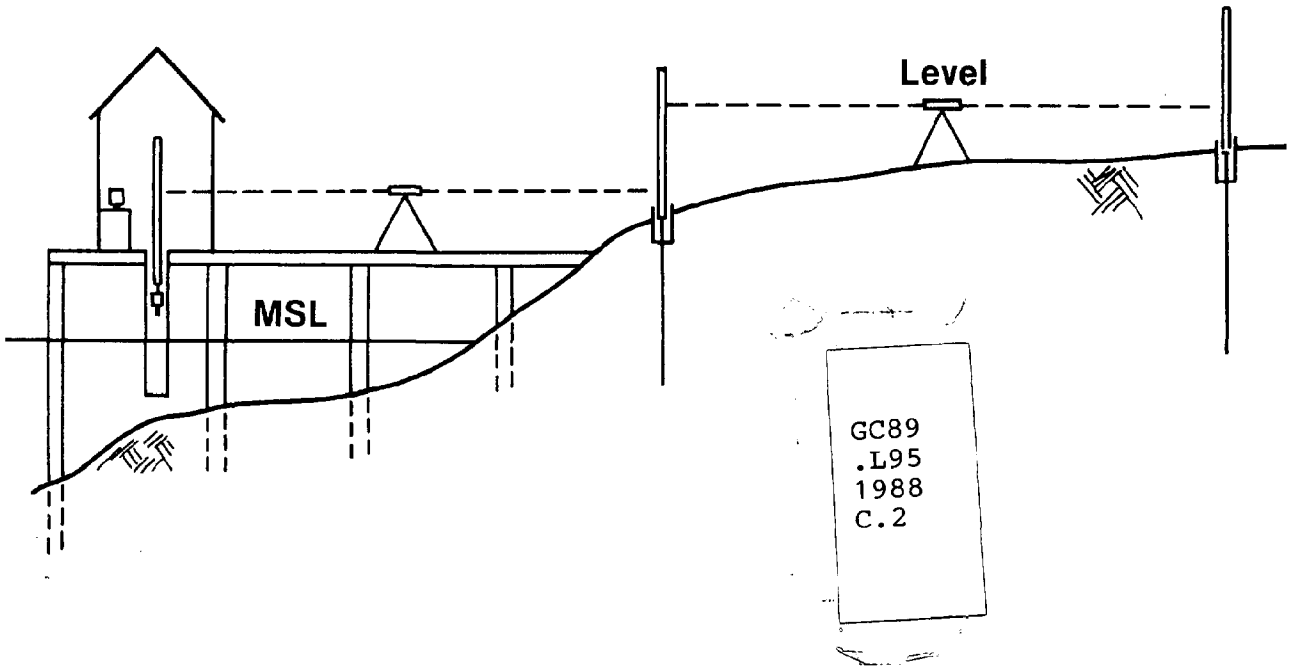
# Sea Level Variations for the United States 1855–1986

Rockville, Md.
February 1988

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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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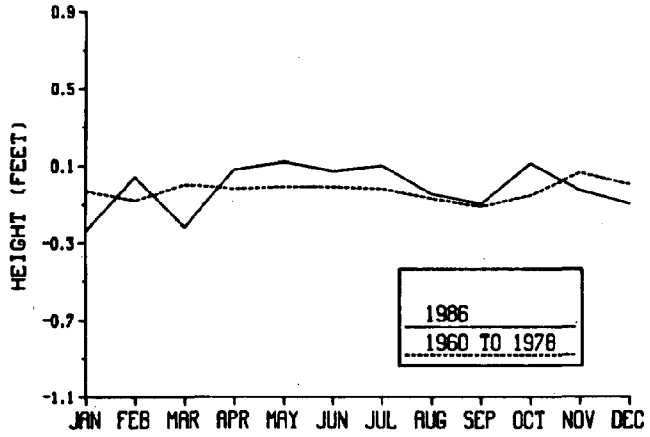
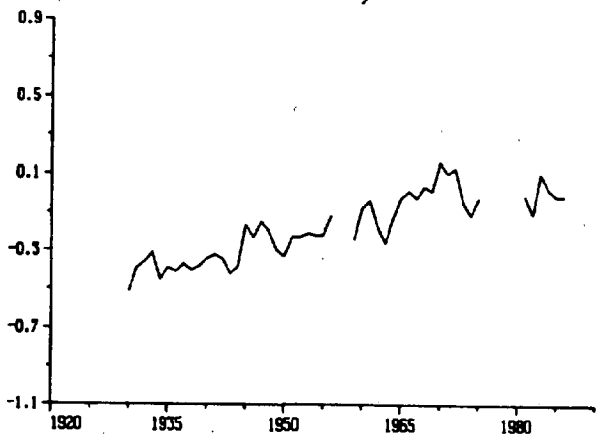
# APPENDIX A

## Plots of Monthly and Yearly Mean Sea Level

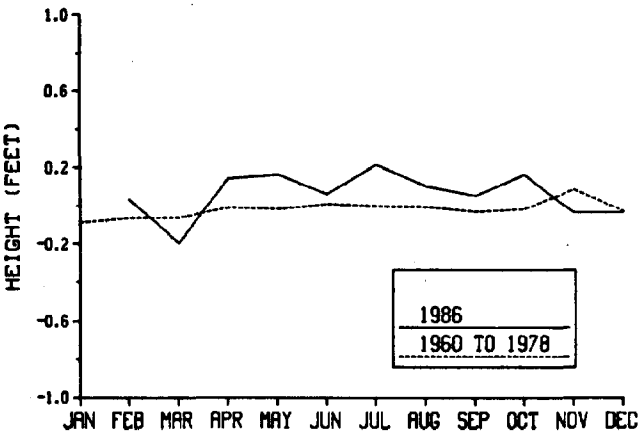
MONTHLY MEAN SEA LEVEL
STATION NO. 841-0140
EASTPORT, ME



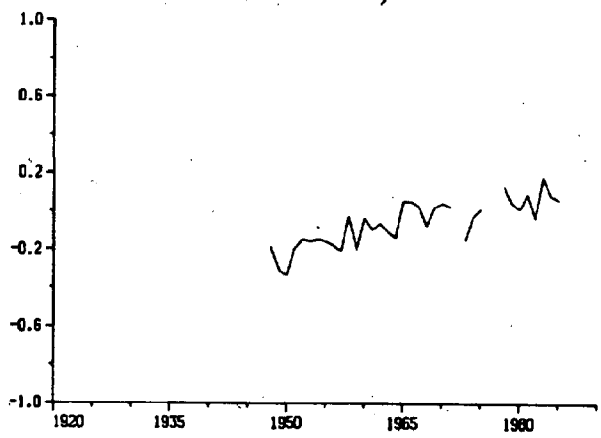

YEARLY MEAN SEA LEVEL
STATION NO. 841-0140
EASTPORT, ME



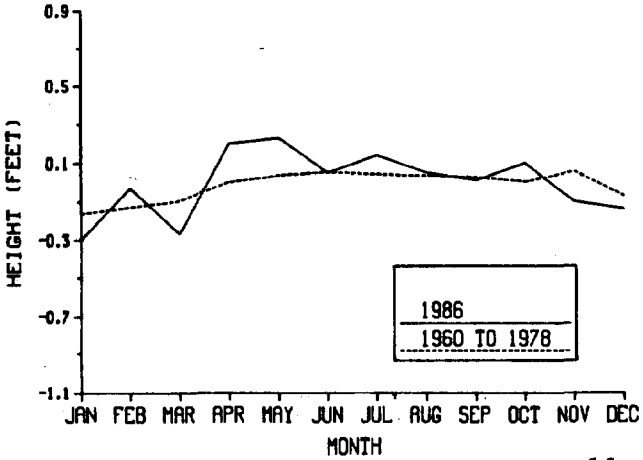

MONTHLY MEAN SEA LEVEL
STATION NO. 841-3320
BAR HARBOR, ME




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




MONTHLY MEAN SEA LEVEL
STATION NO. 841-8150
PORTLAND, ME

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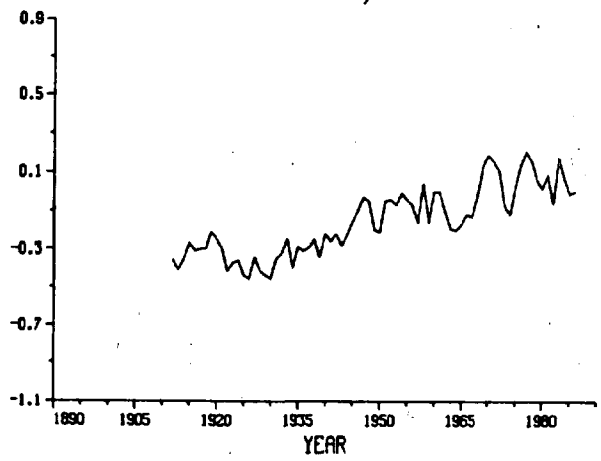
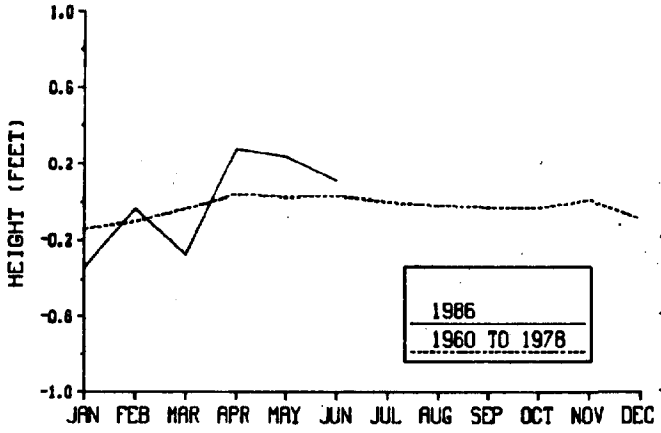
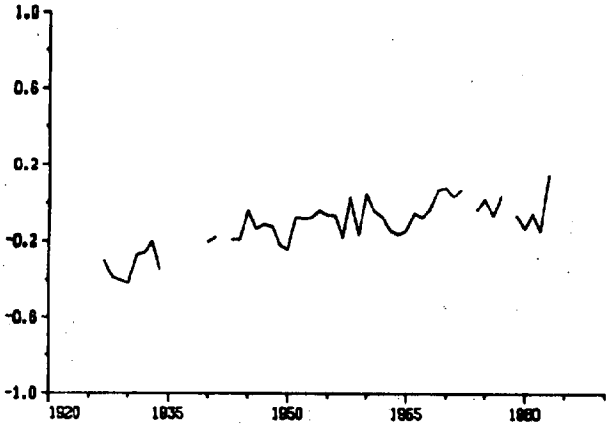
PORTLAND, ME



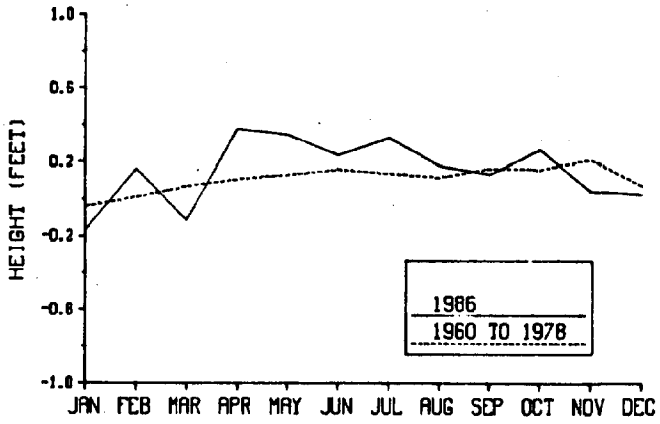
MONTHLY MEAN SEA LEVEL
STATION NO. 841-9870
SEAVEY IS, ME(PORTSMOUTH, NH)



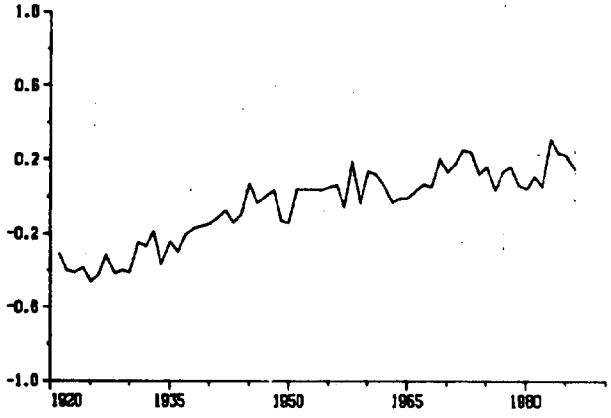

YEARLY MEAN SEA LEVEL
STATION NO. 841-9870
SEAVEY IS, ME(PORTSMOUTH, NH)



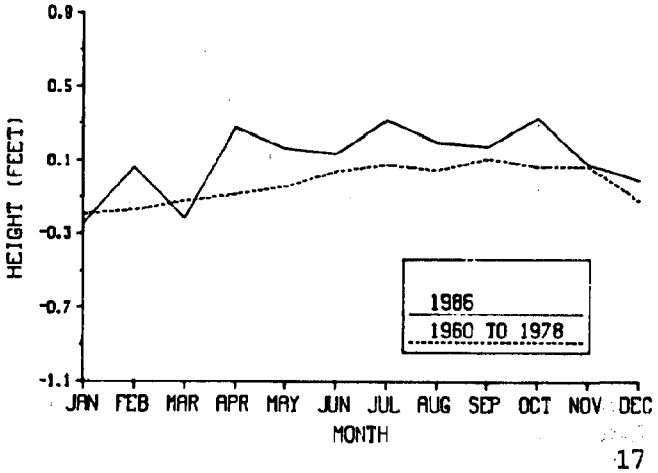

MONTHLY MEAN SEA LEVEL
STATION NO. 844-3970
BOSTON, MA




YEARLY MEAN SEA LEVEL
STATION NO. 844-3970
BOSTON, MA




MONTHLY MEAN SEA LEVEL
STATION NO. 844-7930
WOODS HOLE, MA




YEARLY MEAN SEA LEVEL
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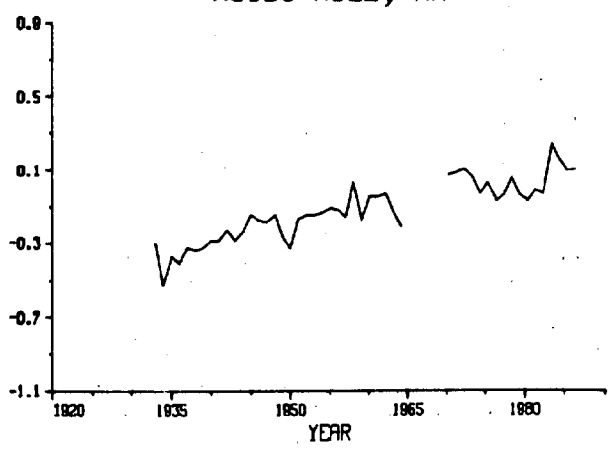
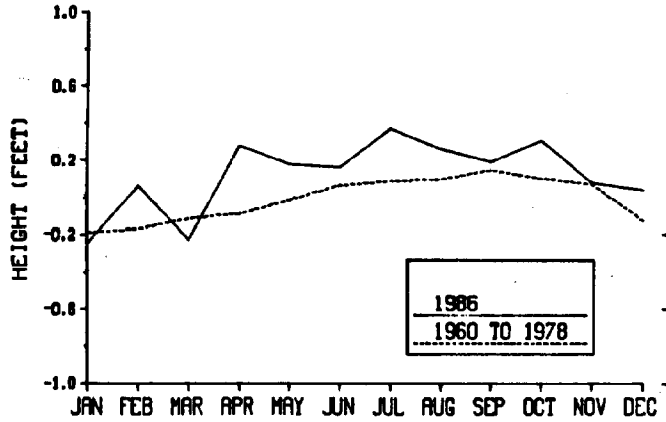
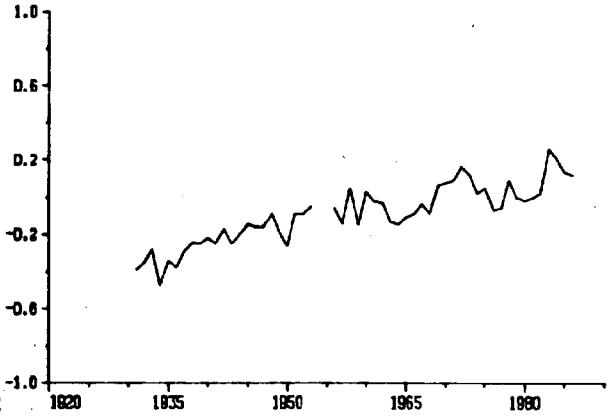
WOODS HOLE, MA



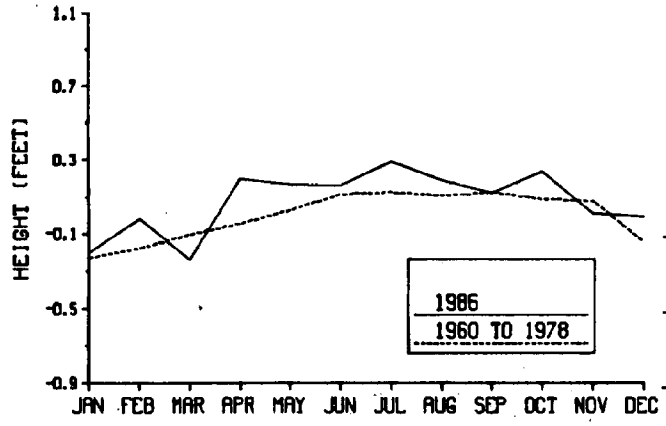
MONTHLY MEAN SEA LEVEL
STATION NO. 845-2660
NEWPORT, RI



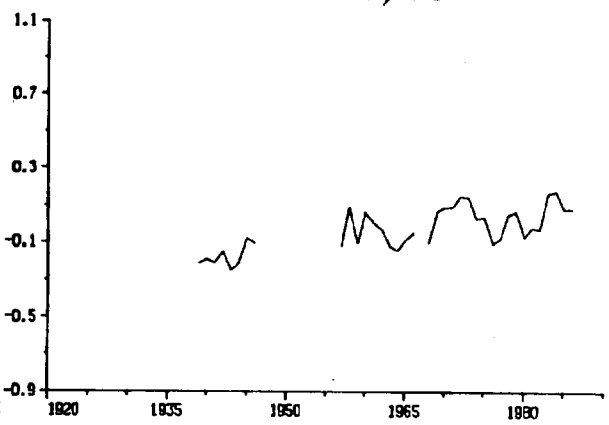

YEARLY MEAN SEA LEVEL
STATION NO. 845-2660
NEWPORT, RI



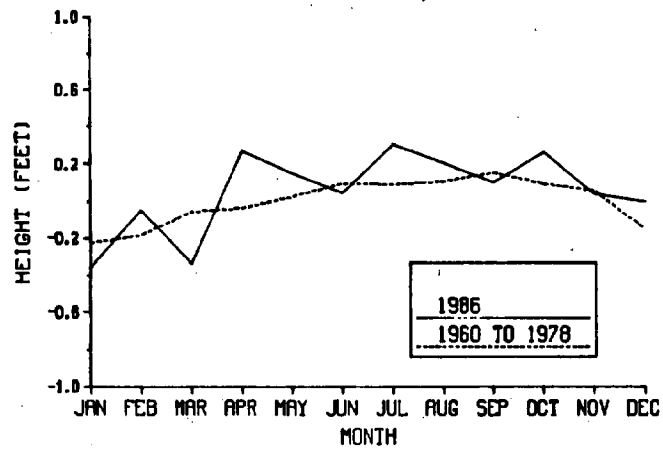

MONTHLY MEAN SEA LEVEL
STATION NO. 845-4000
PROVIDENCE, RI



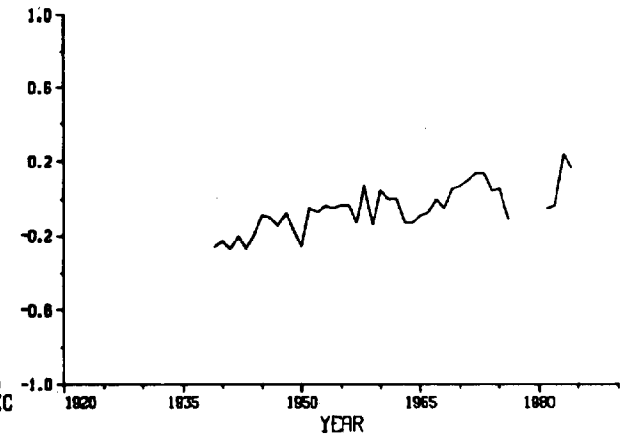

YEARLY MEAN SEA LEVEL
STATION NO. 845-4000
PROVIDENCE, RI

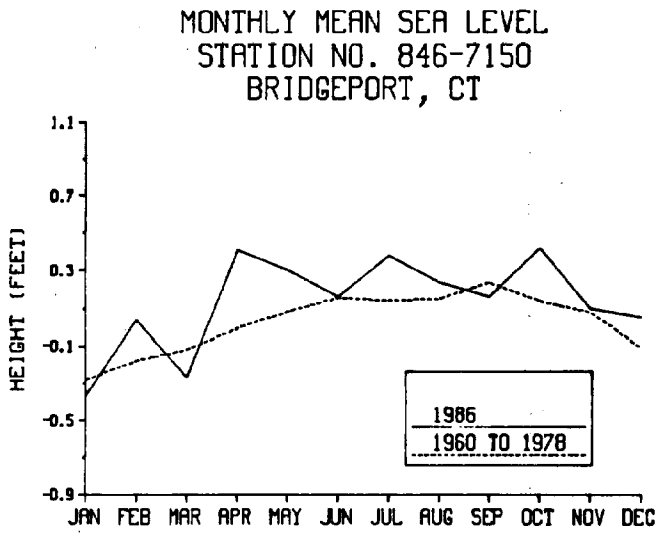



MONTHLY MEAN SEA LEVEL
STATION NO. 846-1490
NEW LONDON, CT




YEARLY MEAN SEA LEVEL
STATION NO. 846-1490
NEW LONDON, CT




MONTHLY MEAN SEA LEVEL
STATION NO. 846-7150
BRIDGEPORT, CT
HEIGHT (FEET)
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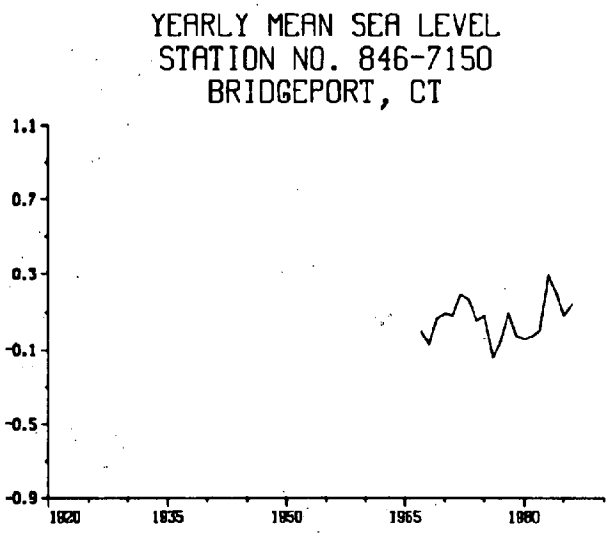
-0.1
-0.5
-0.9
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


YEARLY MEAN SEA LEVEL
STATION NO. 846-7150
BRIDGEPORT, CT
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0.7
0.3
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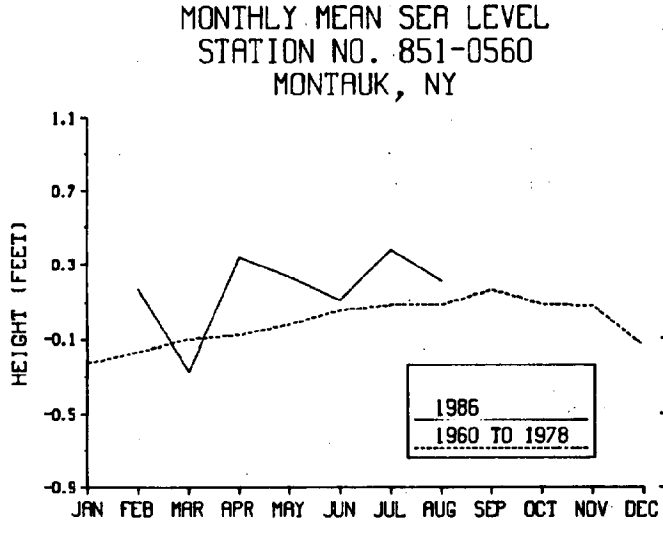
-0.5
-0.9
1920
1935
1950
1965
1980


MONTHLY MEAN SEA LEVEL
STATION NO. 851-0560
MONTAUK, NY
HEIGHT (FEET)
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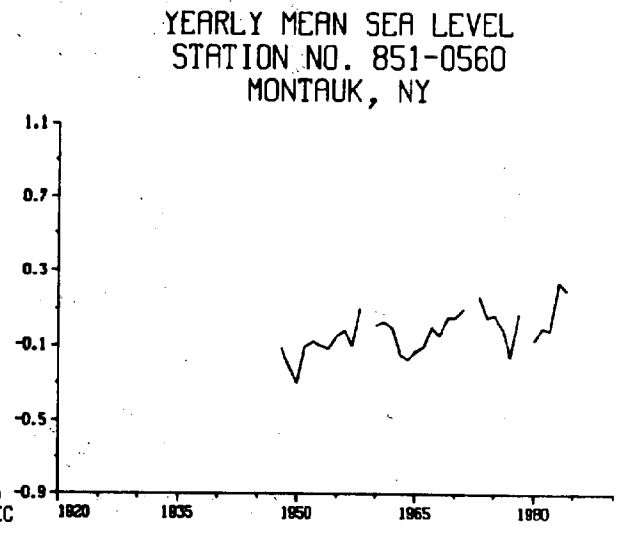
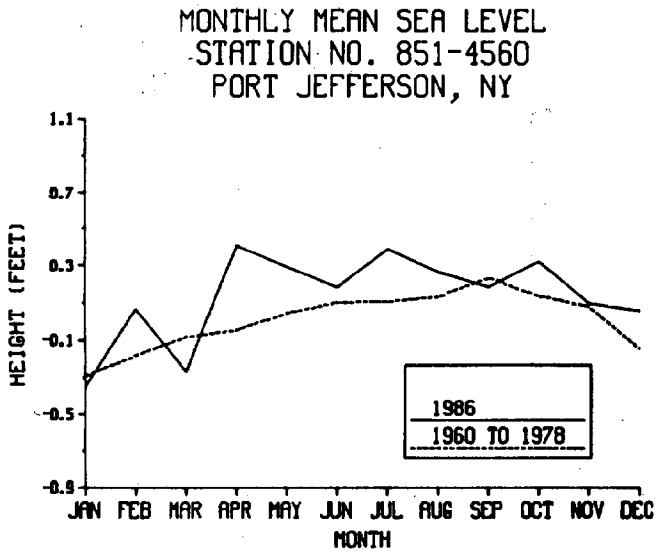
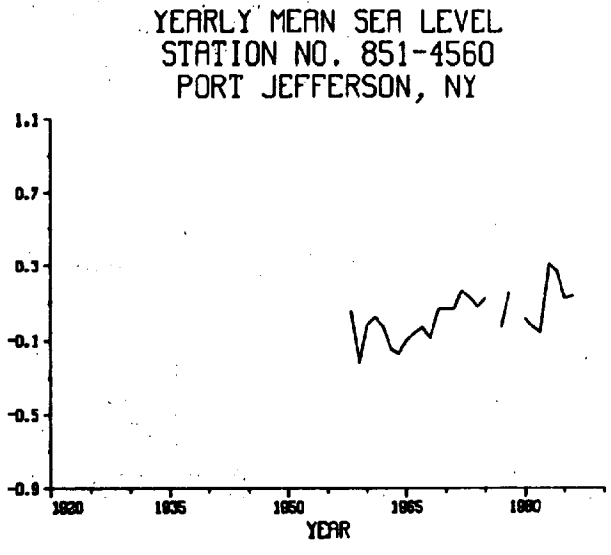
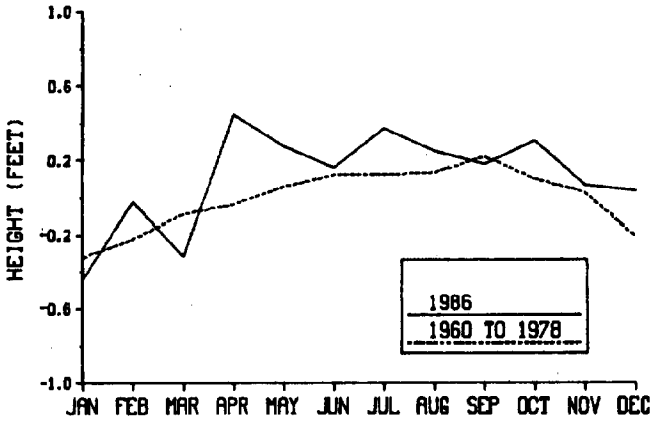
0.7
0.3
-0.1
-0.5
-0.9
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


YEARLY MEAN SEA LEVEL
STATION NO. 851-0560
MONTAUK, NY
1.1
0.7
0.3
-0.1
-0.5
-0.9
1920
1935
1950
1965
1980

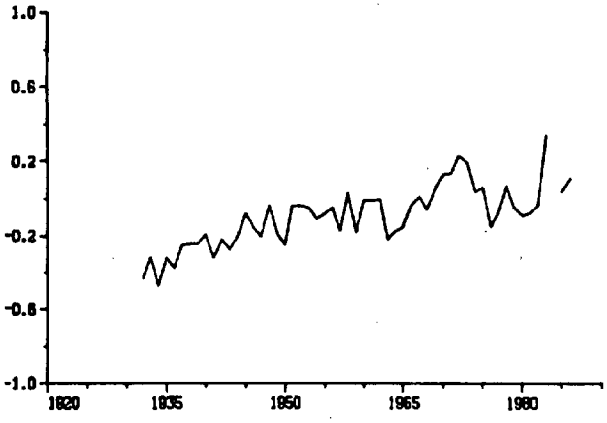

MONTHLY MEAN SEA LEVEL
STATION NO. 851-4560
PORT JEFFERSON, NY
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


YEARLY MEAN SEA LEVEL
STATION NO. 851-4560
PORT JEFFERSON, NY
1.1
0.7
0.3
-0.1
-0.5
-0.9
1920
1935
1950
1965
1980
YEAR

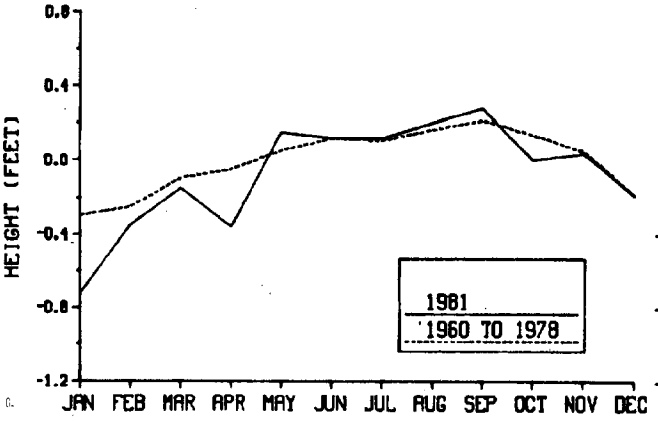
MONTHLY MEAN SEA LEVEL
STATION NO. 851-6990
WILLETS POINT, NY



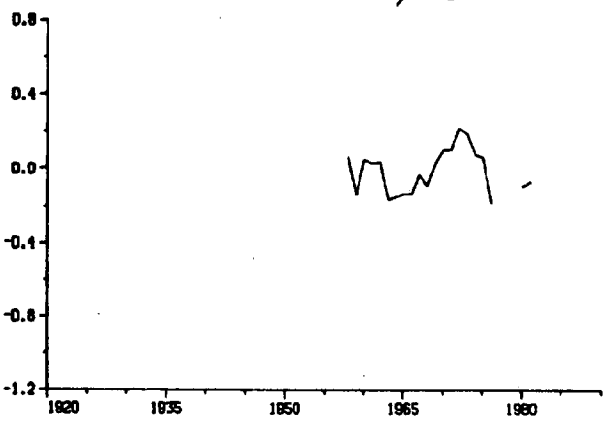

YEARLY MEAN SEA LEVEL
STATION NO. 851-6990
WILLETS POINT, NY



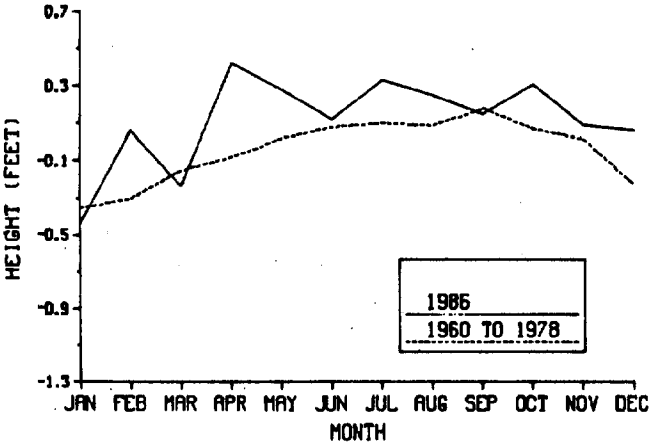

MONTHLY MEAN SEA LEVEL
STATION NO. 851-8490
NEW ROCHELLE, NY



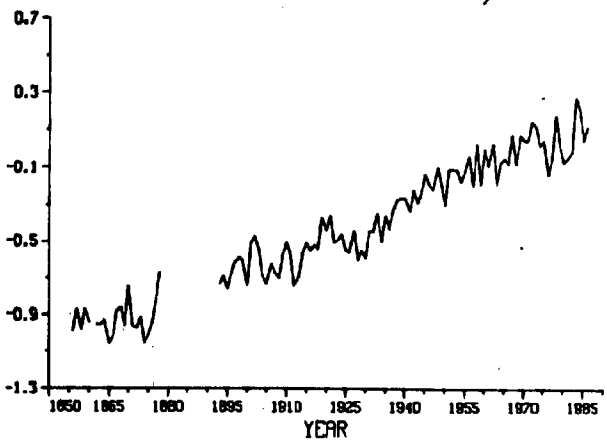

YEARLY MEAN SEA LEVEL
STATION NO. 851-8490
NEW ROCHELLE, NY



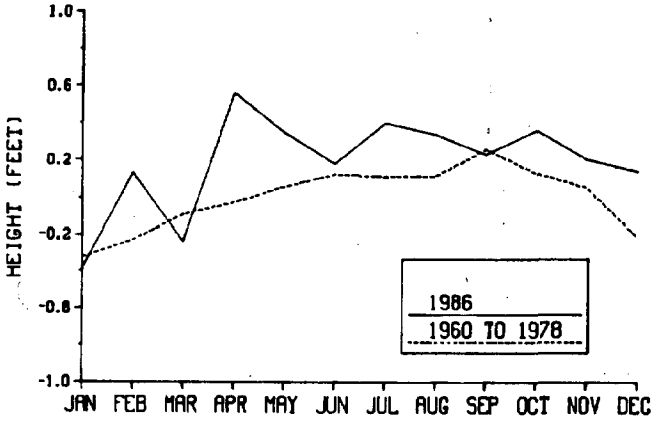

MONTHLY MEAN SEA LEVEL
STATION NO. 851-8750
NEW YORK (THE BATTERY), NY



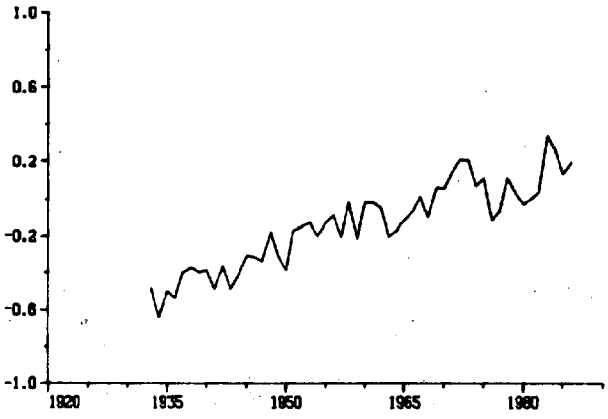

YEARLY MEAN SEA LEVEL
STATION NO. 851-8750
NEW YORK (THE BATTERY), NY



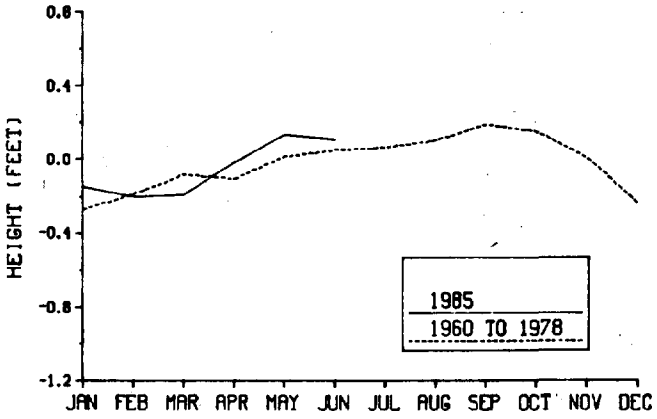
MONTHLY MEAN SEA LEVEL
STATION NO. 853-1680
SANDY HOOK, NJ



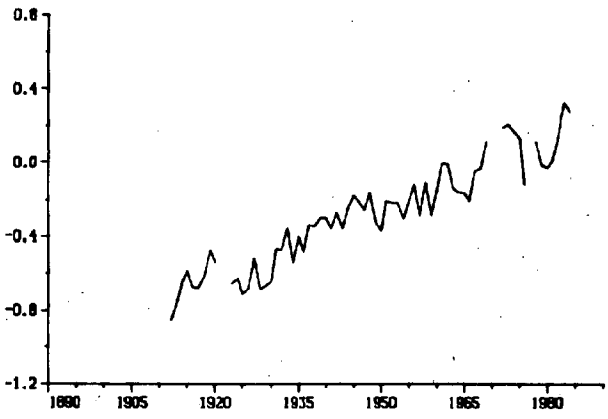

YEARLY MEAN SEA LEVEL
STATION NO. 853-1680
SANDY HOOK, NJ



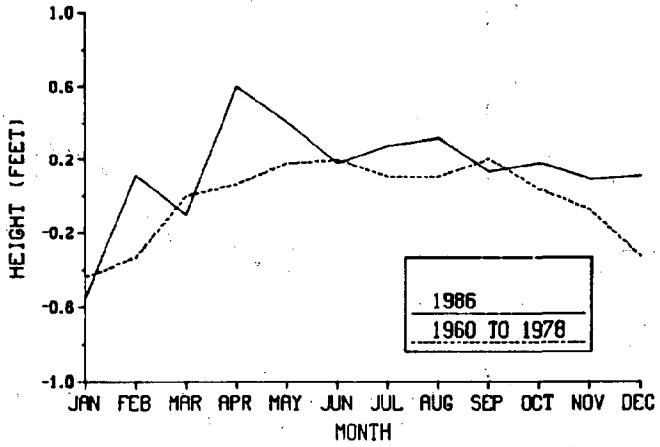

MONTHLY MEAN SEA LEVEL
STATION NO. 853-4720
ATLANTIC CITY, NJ



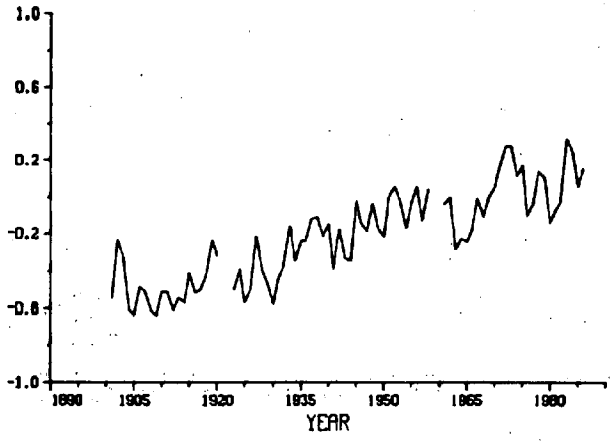

YEARLY MEAN SEA LEVEL
STATION NO. 853-4720
ATLANTIC CITY, NJ

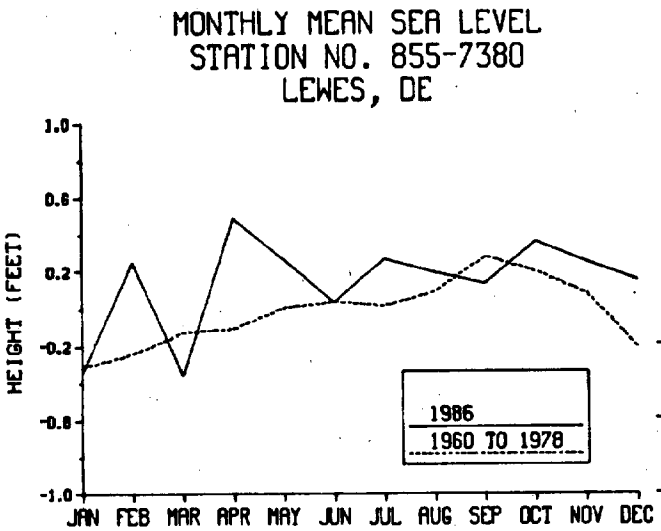


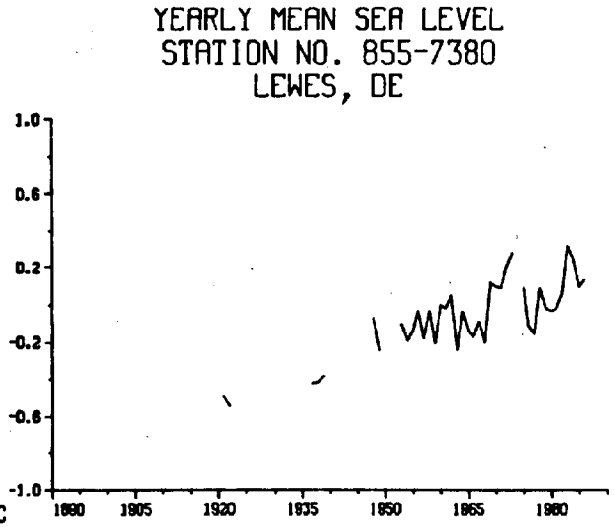

MONTHLY MEAN SEA LEVEL
STATION NO. 854-5530
PHILADELPHIA, PA

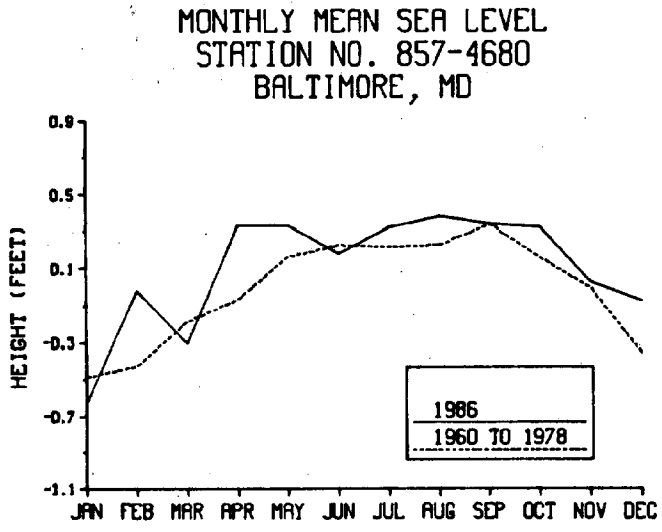


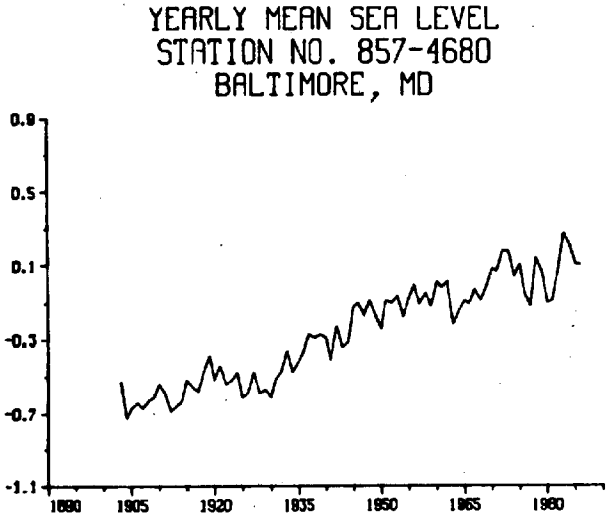

YEARLY MEAN SEA LEVEL
STATION NO. 854-5530
PHILADELPHIA, PA

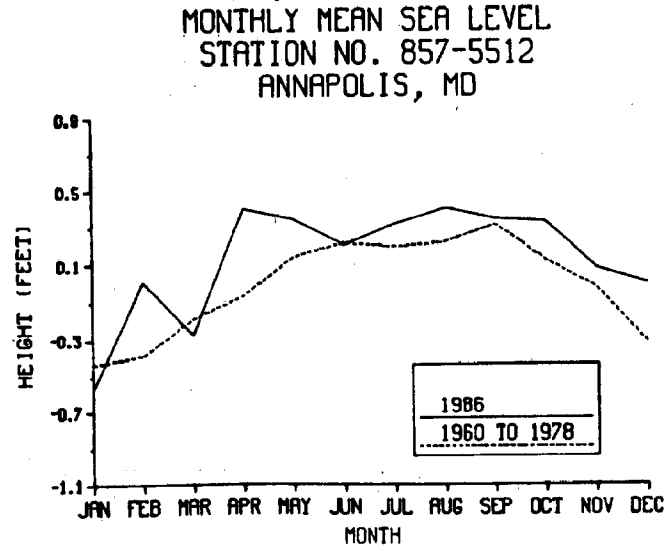


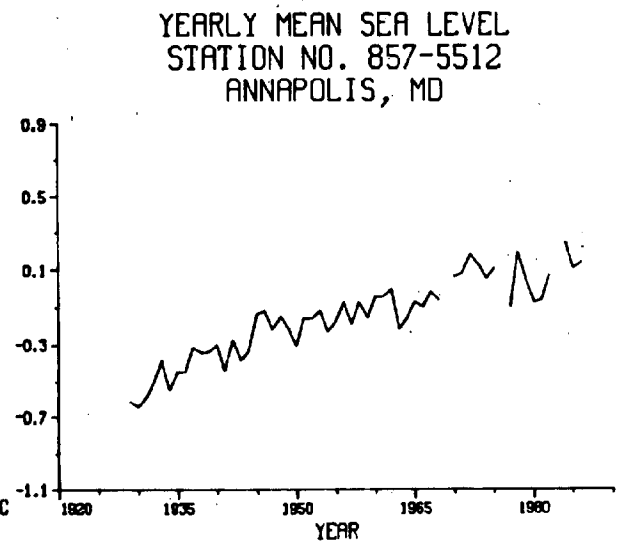

MONTHLY MEAN SEA LEVEL
STATION NO. 855-7380
LEWES, DE
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.8
-1.0
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

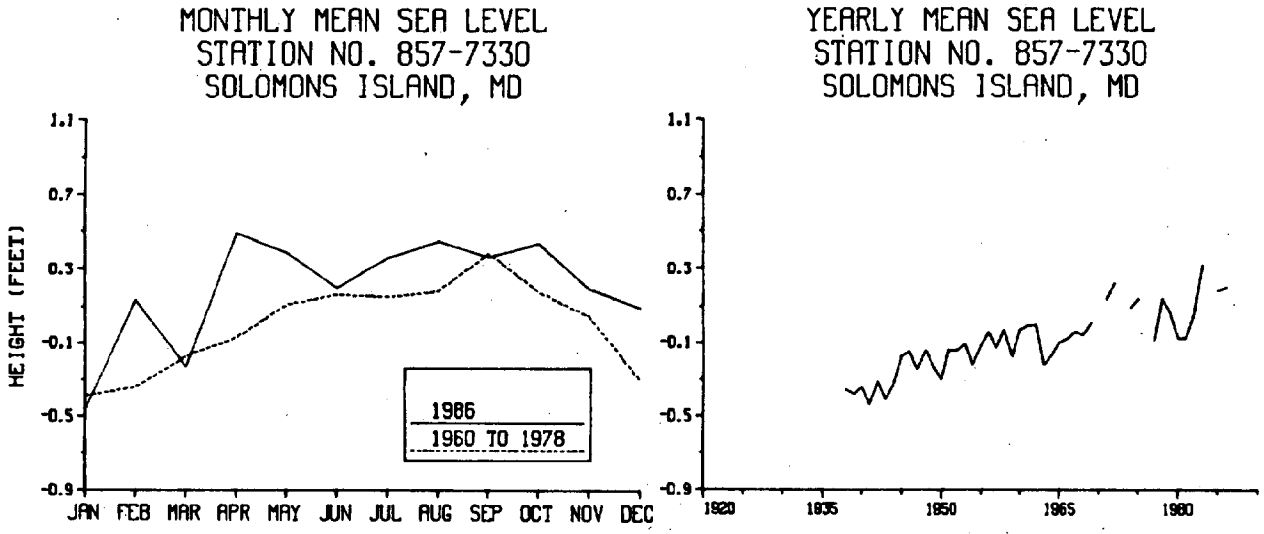

YEARLY MEAN SEA LEVEL
STATION NO. 855-7380
LEWES, DE
1.0
0.6
0.2
-0.2
-0.8
-1.0
1890 1905 1920 1935 1950 1965 1980


MONTHLY MEAN SEA LEVEL
STATION NO. 857-4680
BALTIMORE, MD
HEIGHT (FEET)
0.9
0.5
0.1
-0.3
-0.7
-1.1
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

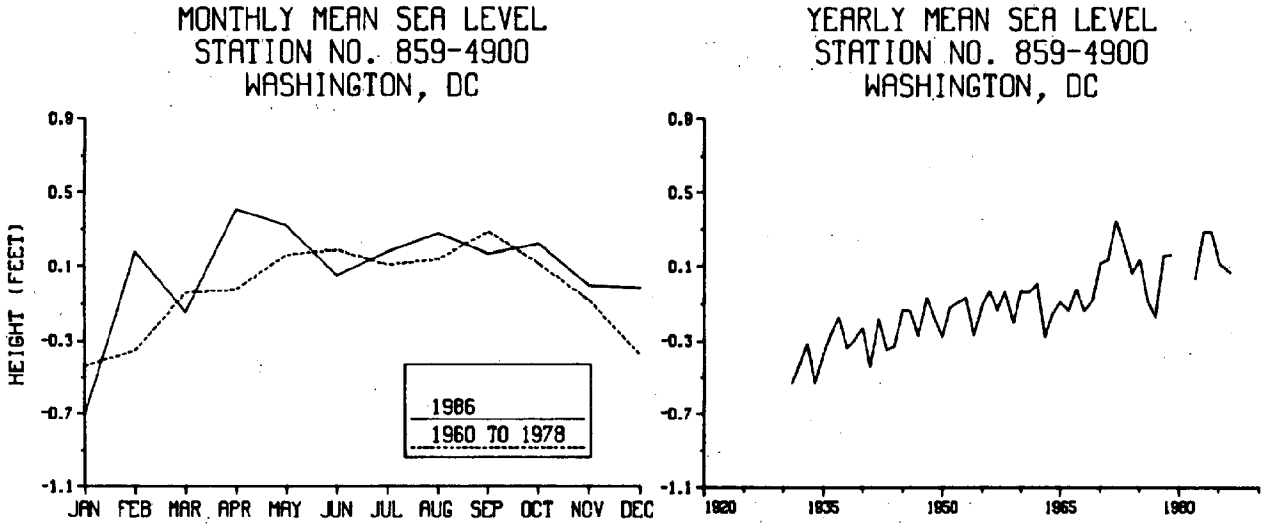

YEARLY MEAN SEA LEVEL
STATION NO. 857-4680
BALTIMORE, MD
0.9
0.5
0.1
-0.3
-0.7
-1.1
1890 1905 1920 1935 1950 1965 1980


MONTHLY MEAN SEA LEVEL
STATION NO. 857-5512
ANNAPOLIS, MD
HEIGHT (FEET)
0.9
0.5
0.1
-0.3
-0.7
-1.1
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

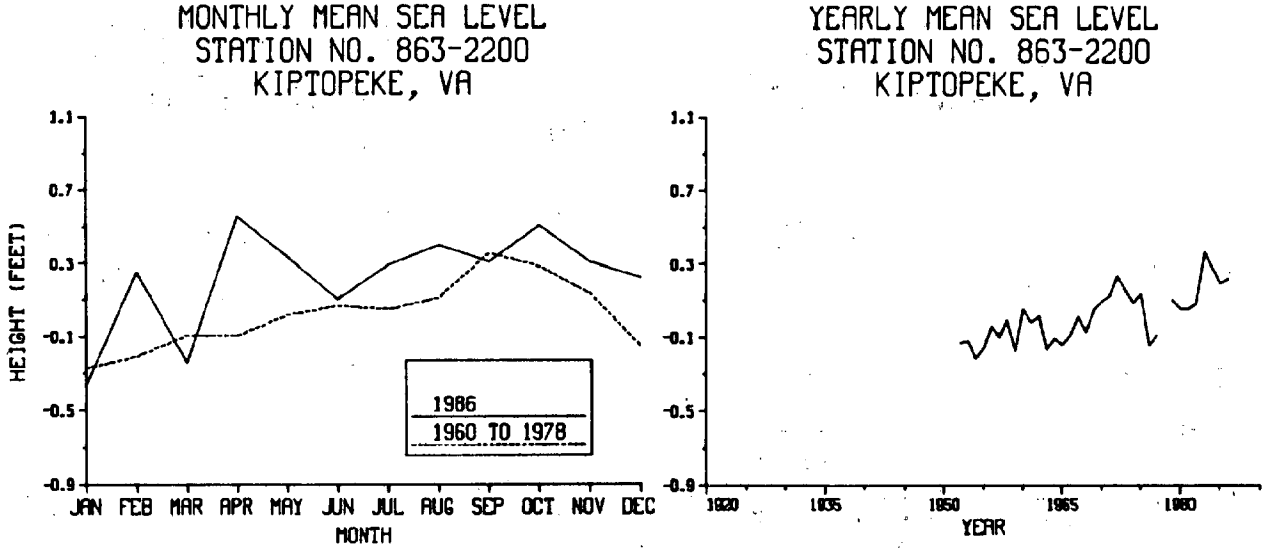

YEARLY MEAN SEA LEVEL
STATION NO. 857-5512
ANNAPOLIS, MD
0.9
0.5
0.1
-0.3
-0.7
-1.1
1920 1935 1950 1965 1980
YEAR


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
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


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

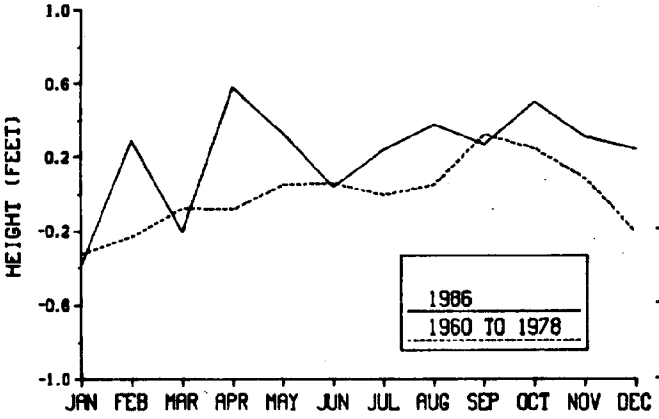

MONTHLY MEAN SEA LEVEL
STATION NO. 859-4900
WASHINGTON, DC
HEIGHT (FEET)
0.9
0.5
0.1
-0.3
-0.7
-1.1
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


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

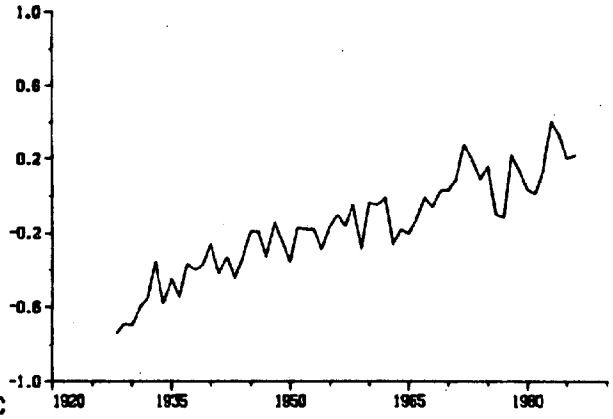

MONTHLY MEAN SEA LEVEL
STATION NO. 863-2200
KIPTOPEKE, VA
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


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

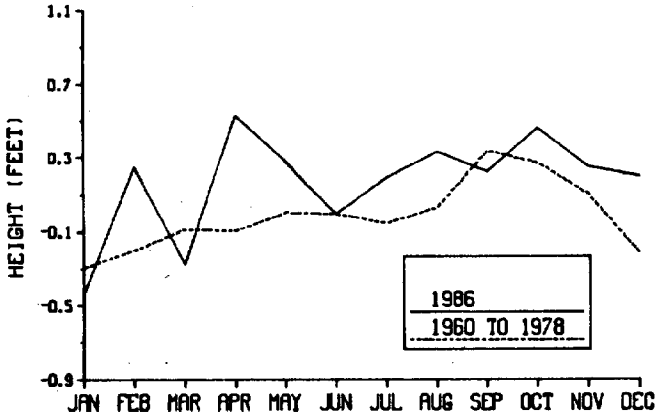
MONTHLY MEAN SEA LEVEL
STATION NO. 863-8610
HAMPTON RDS. (NORFOLK), VA



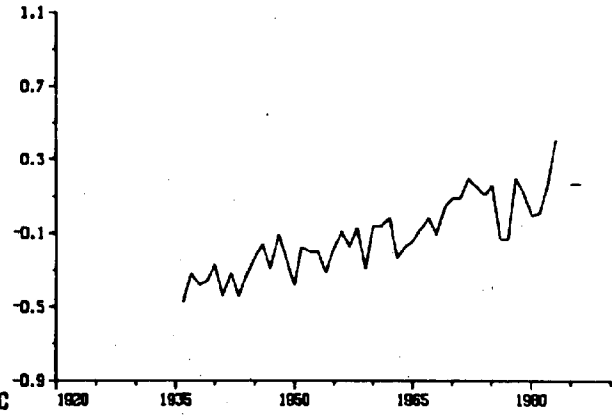

YEARLY MEAN SEA LEVEL
STATION NO. 863-8610
HAMPTON RDS. (NORFOLK), VA



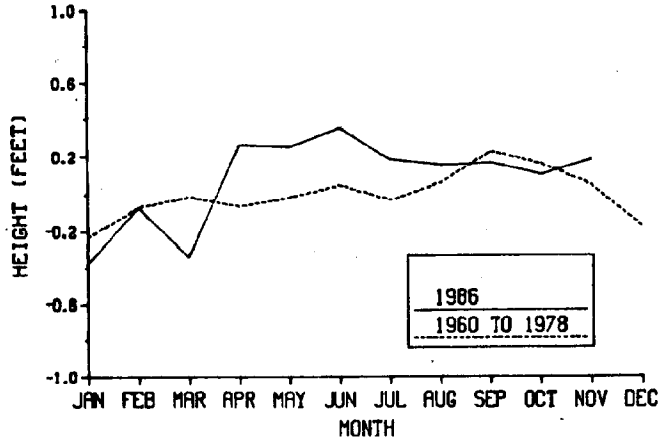

MONTHLY MEAN SEA LEVEL
STATION NO. 863-8660
PORTSMOUTH, VA



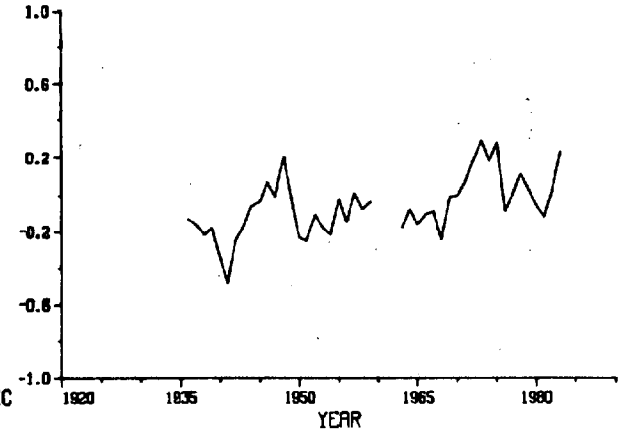

YEARLY MEAN SEA LEVEL
STATION NO. 863-8660
PORTSMOUTH, VA



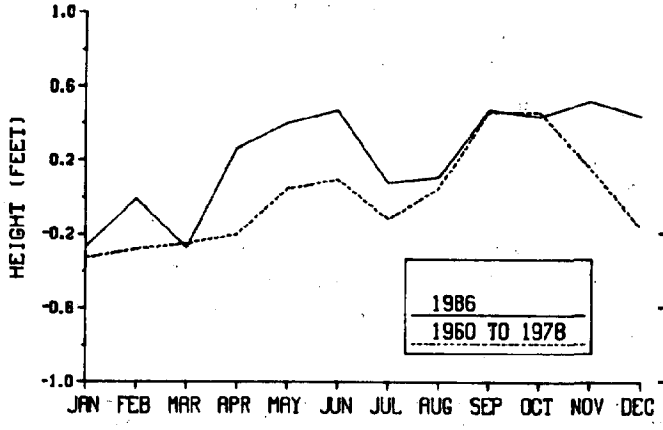

MONTHLY MEAN SEA LEVEL
STATION NO. 865-8120
WILMINGTON, NC



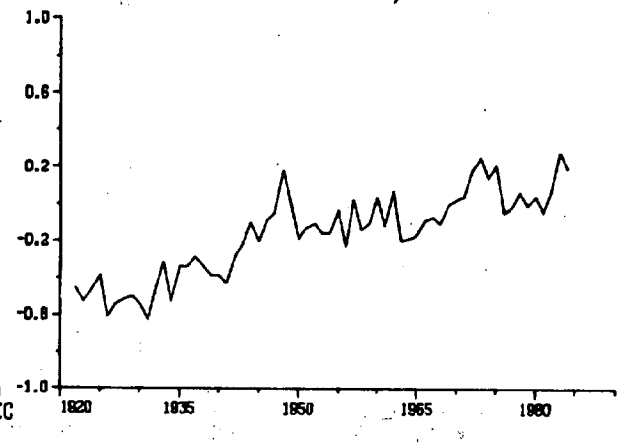

YEARLY MEAN SEA LEVEL
STATION NO. 865-8120
WILMINGTON, NC



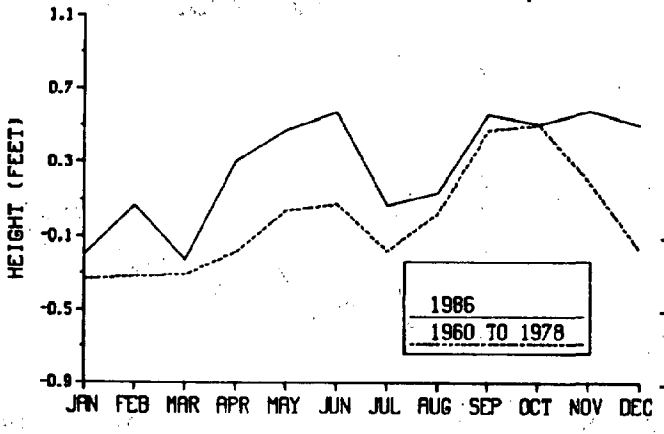
MONTHLY MEAN SEA LEVEL
STATION NO. 866-5530
CHARLESTON, SC



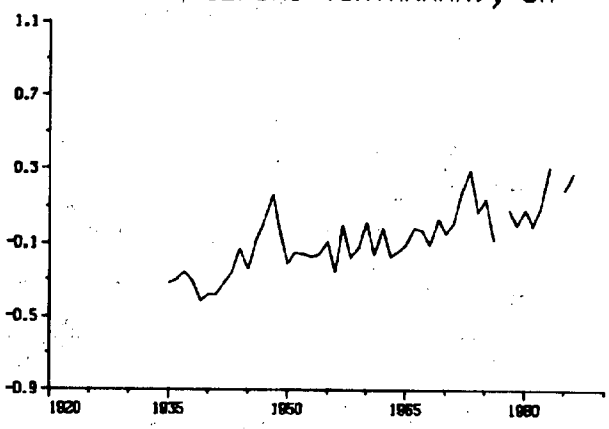

YEARLY MEAN SEA LEVEL
STATION NO. 866-5530
CHARLESTON, SC



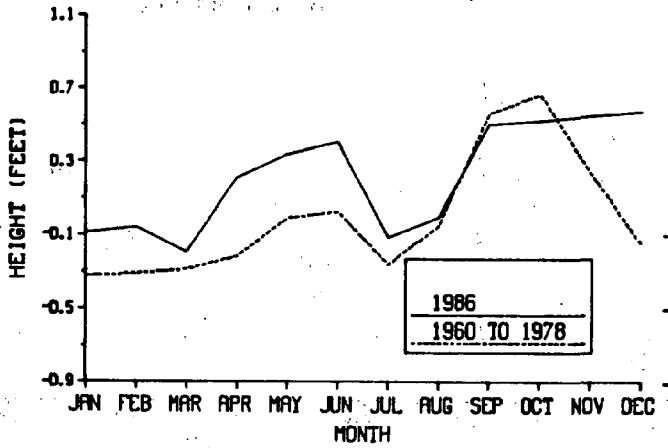

MONTHLY MEAN SEA LEVEL
STATION NO. 867-0870
FORT PULASKI (SAVANNAH), GA



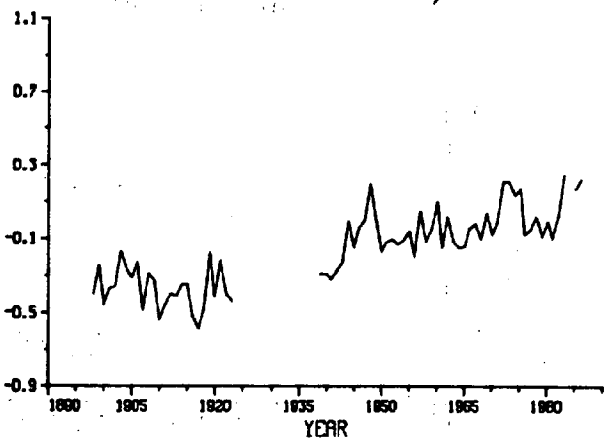

YEARLY MEAN SEA LEVEL
STATION NO. 867-0870
FORT PULASKI (SAVANNAH), GA



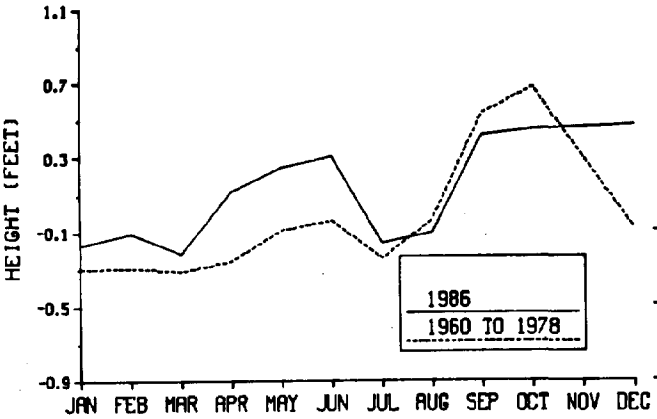

MONTHLY MEAN SEA LEVEL
STATION NO. 872-0030
FERNANDINA BEACH, FL



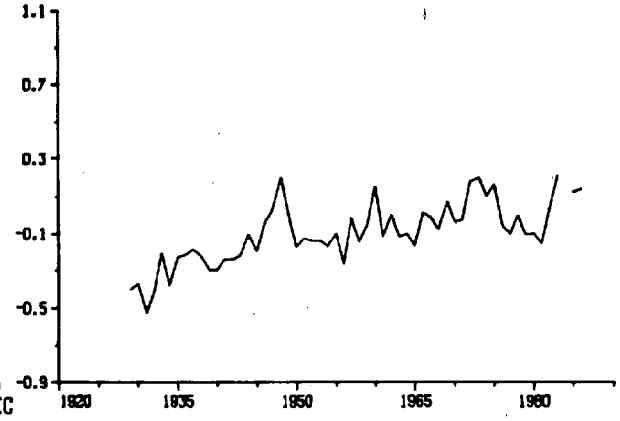

YEARLY MEAN SEA LEVEL
STATION NO. 872-0030
FERNANDINA BEACH, FL



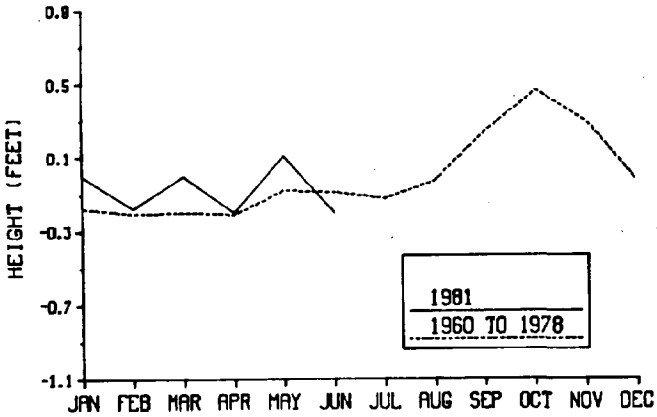
MONTHLY MEAN SEA LEVEL
STATION NO. 872-0220
MAYPORT, FL



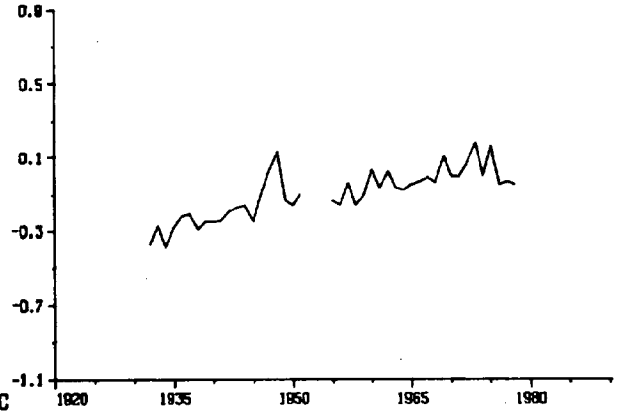

YEARLY MEAN SEA LEVEL
STATION NO. 872-0220
MAYPORT, FL



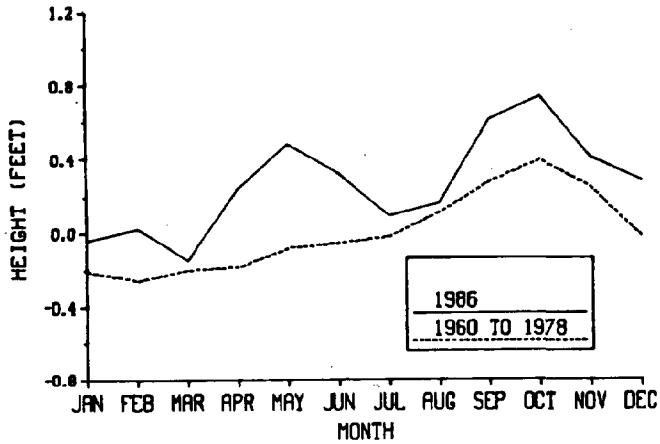

MONTHLY MEAN SEA LEVEL
STATION NO. 872-3170
MIAMI BEACH, FL



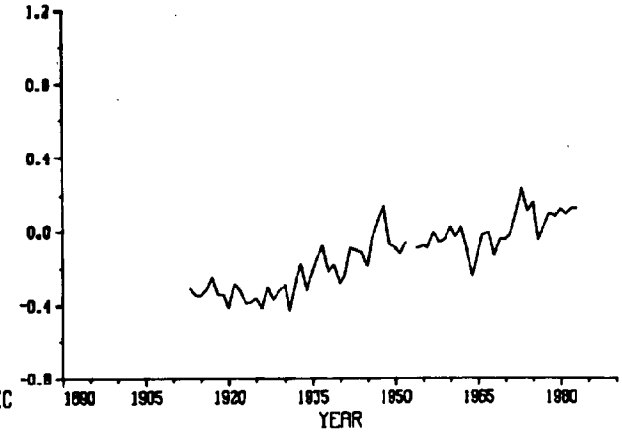

YEARLY MEAN SEA LEVEL
STATION NO. 872-3170
MIAMI BEACH, FL

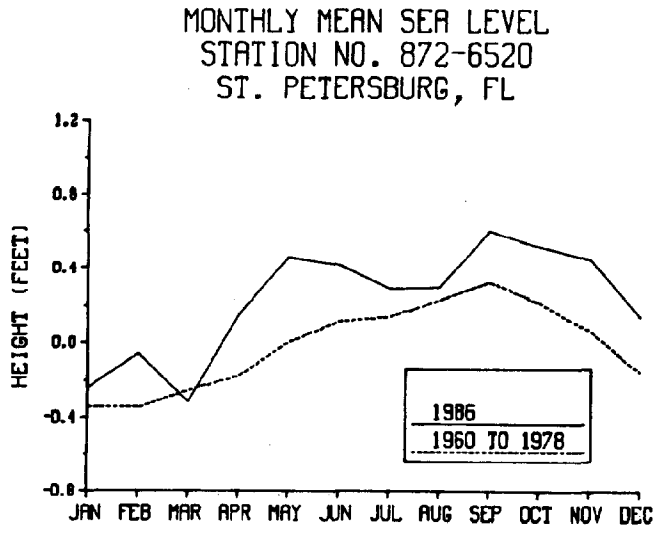


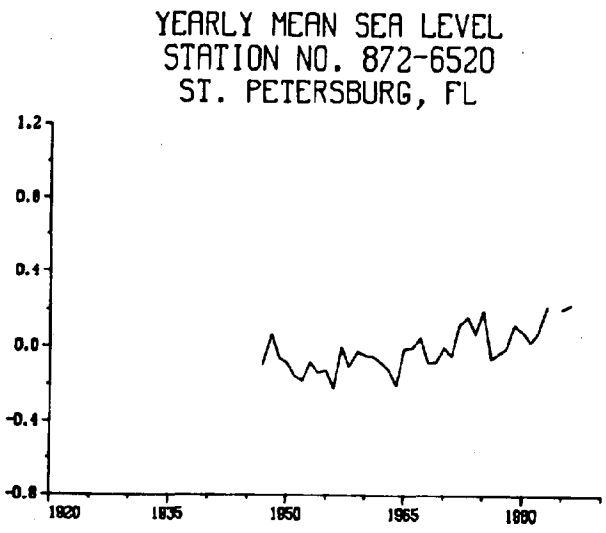

MONTHLY MEAN SEA LEVEL
STATION NO. 872-4580
KEY WEST, FL

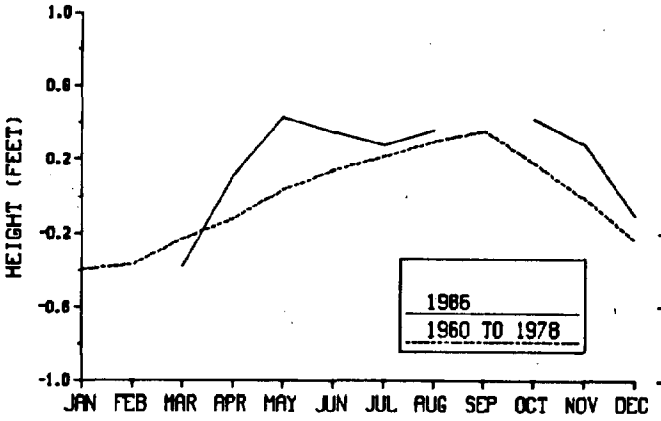


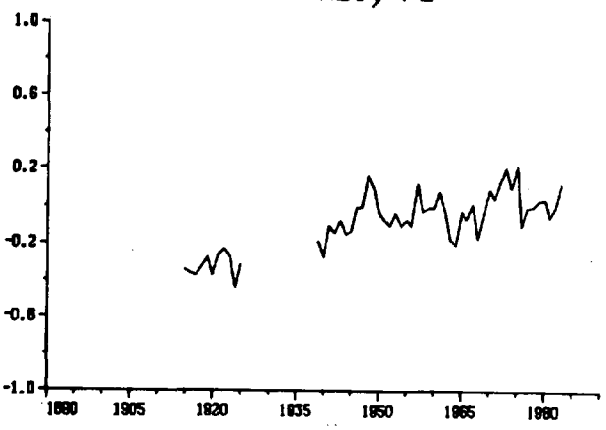

YEARLY MEAN SEA LEVEL
STATION NO. 872-4580
KEY WEST, FL

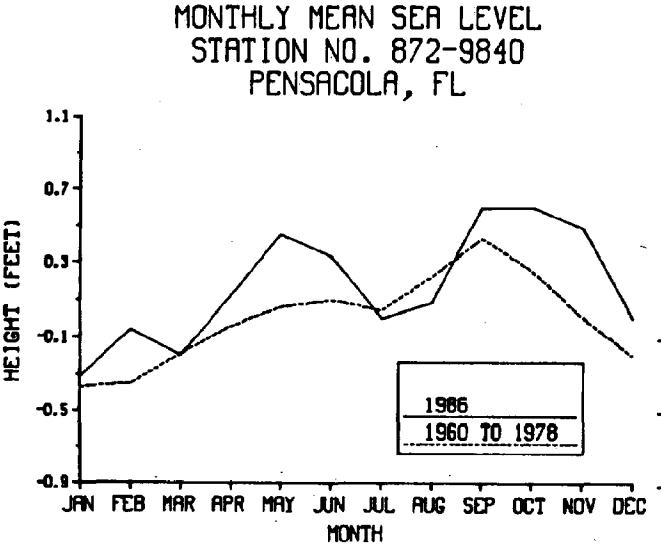


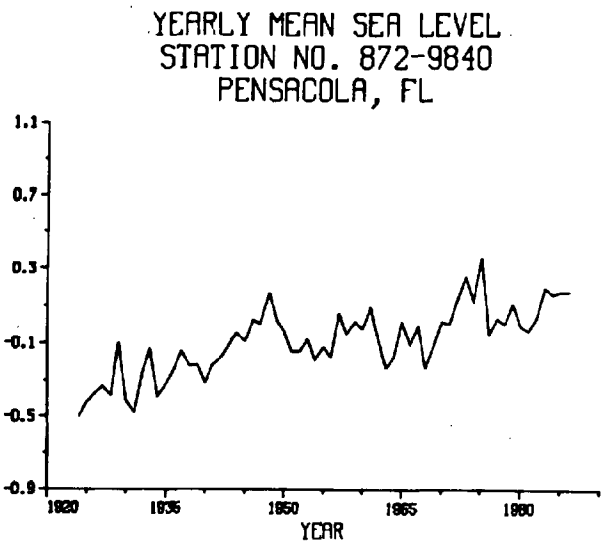

MONTHLY MEAN SEA LEVEL
STATION NO. 872-6520
ST. PETERSBURG, FL
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

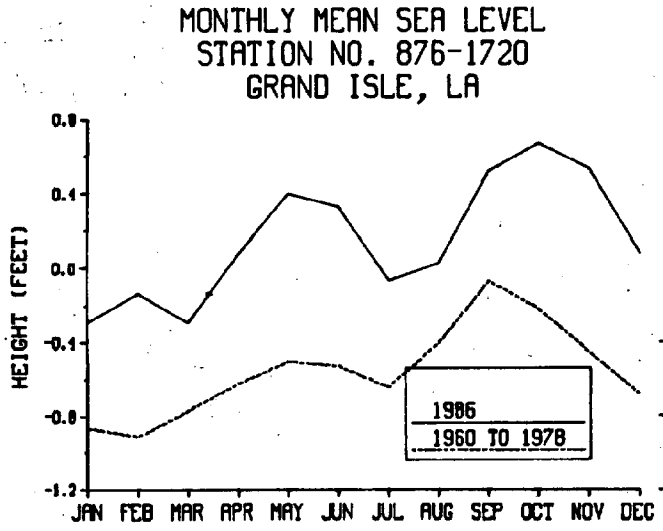

YEARLY MEAN SEA LEVEL
STATION NO. 872-6520
ST. PETERSBURG, FL
1.2
0.8
0.4
0.0
-0.4
-0.8
1920
1935
1950
1965
1980

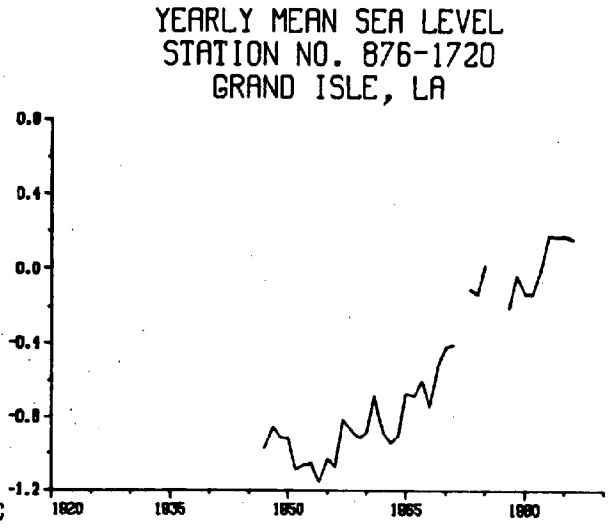

MONTHLY MEAN SEA LEVEL
STATION NO. 872-7520
CEDAR KEY, FL
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

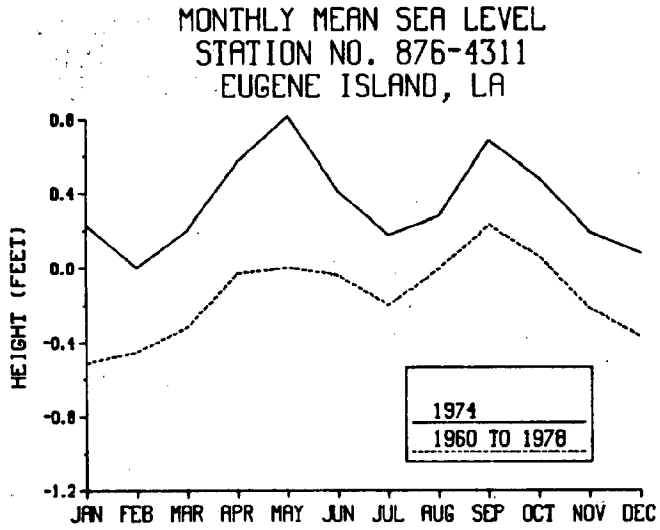

YEARLY MEAN SEA LEVEL
STATION NO. 872-7520
CEDAR KEY, FL
1.0
0.6
0.2
-0.2
-0.6
-1.0
1890
1905
1920
1935
1950
1965
1980

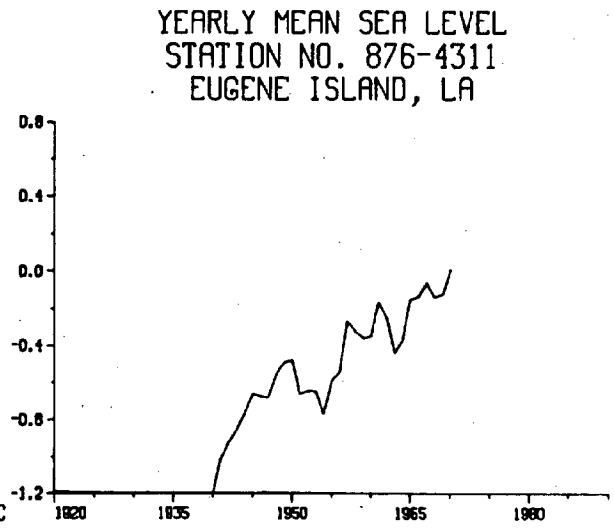

MONTHLY MEAN SEA LEVEL
STATION NO. 872-9840
PENSACOLA, FL
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

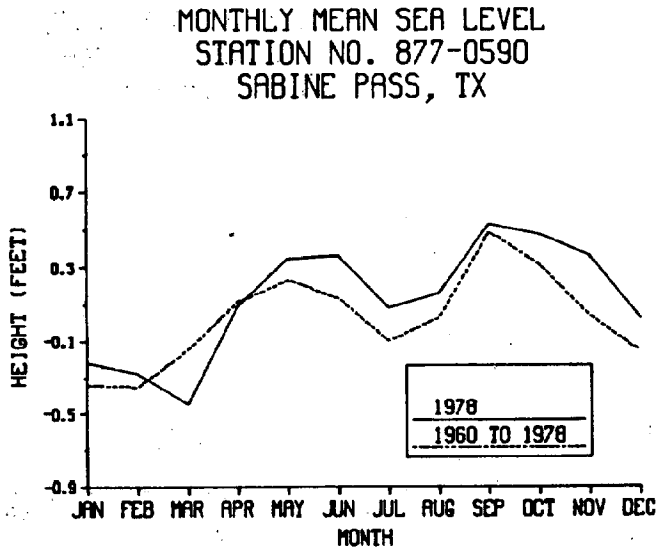

YEARLY MEAN SEA LEVEL
STATION NO. 872-9840
PENSACOLA, FL
1.1
0.7
0.3
-0.1
-0.5
-0.9
1920
1935
1950
1965
1980
YEAR

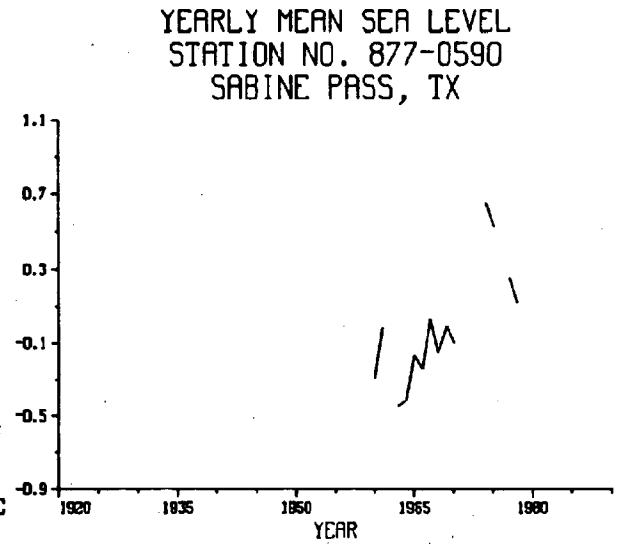

MONTHLY MEAN SEA LEVEL
STATION NO. 876-1720
GRAND ISLE, LA
HEIGHT (FEET)
0.8
0.4
0.0
-0.4
-0.8
-1.2
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


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

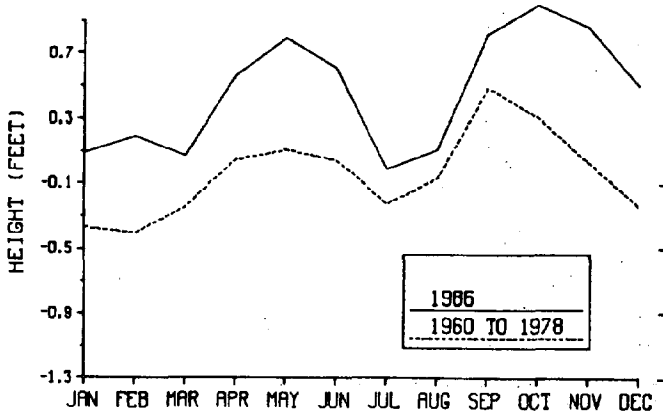

MONTHLY MEAN SEA LEVEL
STATION NO. 876-4311
EUGENE ISLAND, LA
HEIGHT (FEET)
0.8
0.4
0.0
-0.4
-0.8
-1.2
1974
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


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

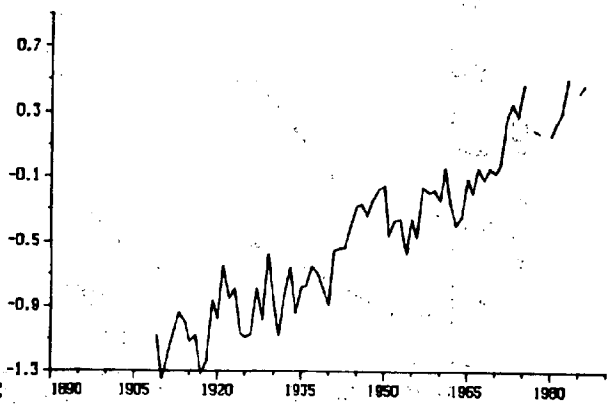

MONTHLY MEAN SEA LEVEL
STATION NO. 877-0590
SABINE PASS, TX
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1978
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


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

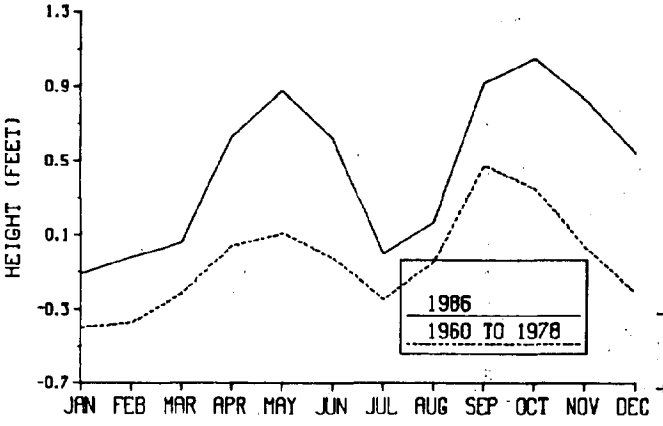
MONTHLY MEAN SEA LEVEL
STATION NO. 877-1450
GALVESTON (PIER 21), TX



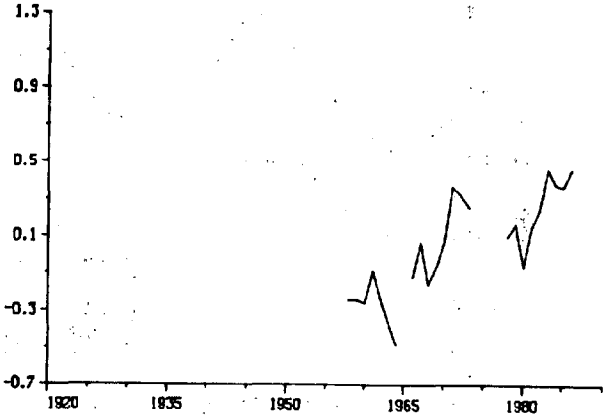

YEARLY MEAN SEA LEVEL
STATION NO. 877-1450
GALVESTON (PIER 21), TX



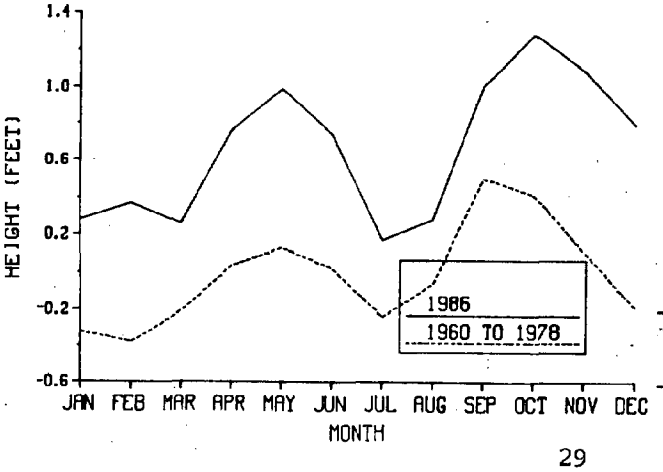

MONTHLY MEAN SEA LEVEL
STATION NO. 877-1510
GALVESTON (PLEASURE PIER), TX



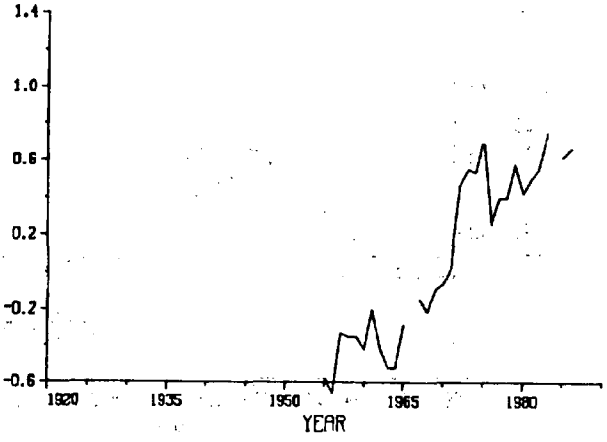

YEARLY MEAN SEA LEVEL
STATION NO. 877-1510
GALVESTON (PLEASURE PIER), TX



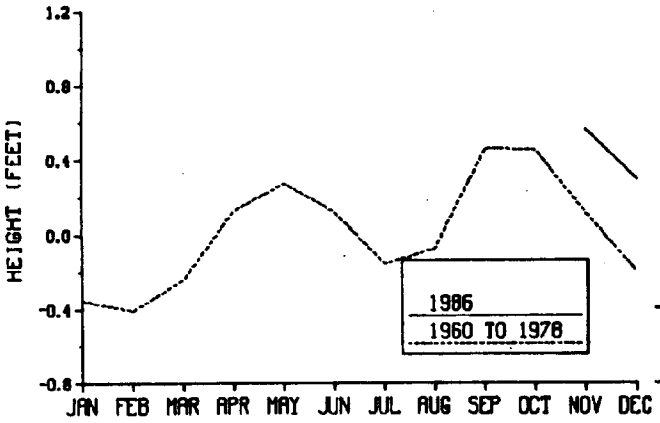

MONTHLY MEAN SEA LEVEL
STATION NO. 877-2440
FREEPORT HARBOR, TX



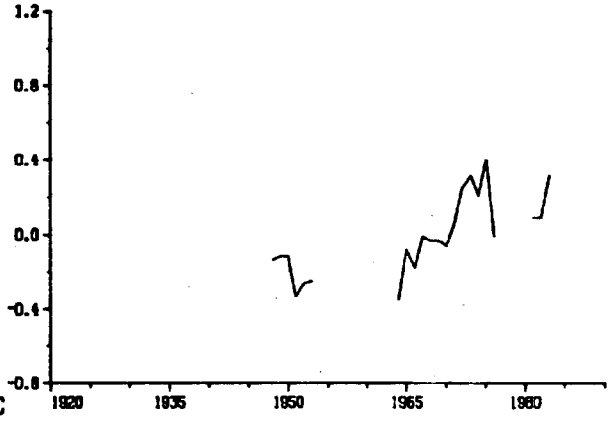

YEARLY MEAN SEA LEVEL
STATION NO. 877-2440
FREEPORT HARBOR, TX



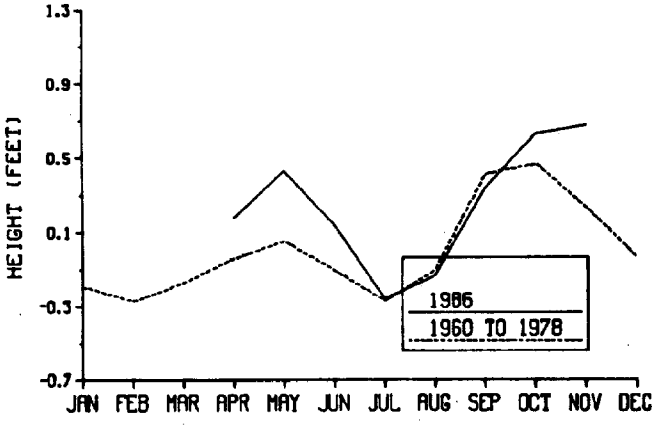
MONTHLY MEAN SEA LEVEL
STATION NO. 877-4770
ROCKPORT, TX



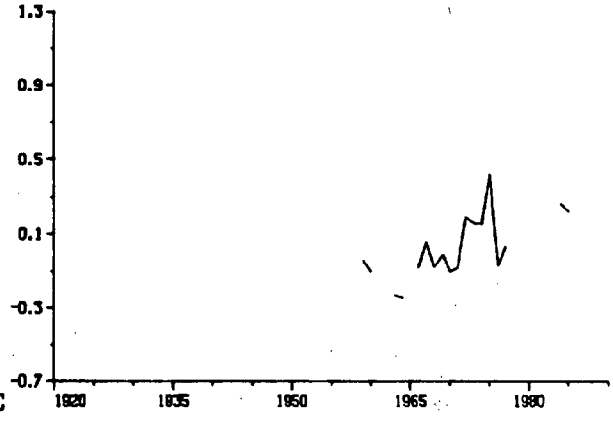

YEARLY MEAN SEA LEVEL
STATION NO. 877-4770
ROCKPORT, TX



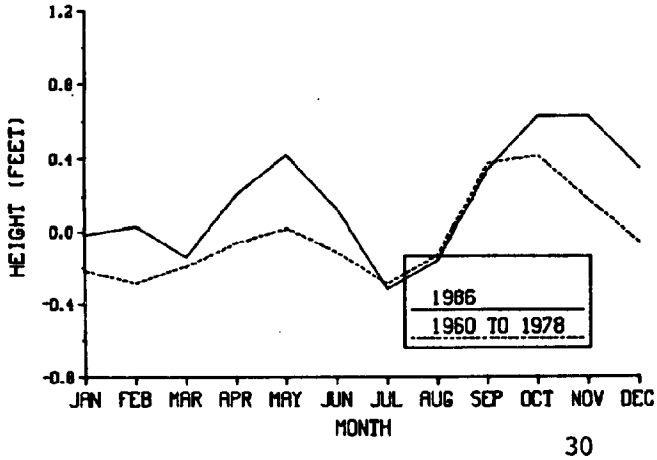

MONTHLY MEAN SEA LEVEL
STATION NO. 877-9750
SOUTH PADRE ISLAND, TX



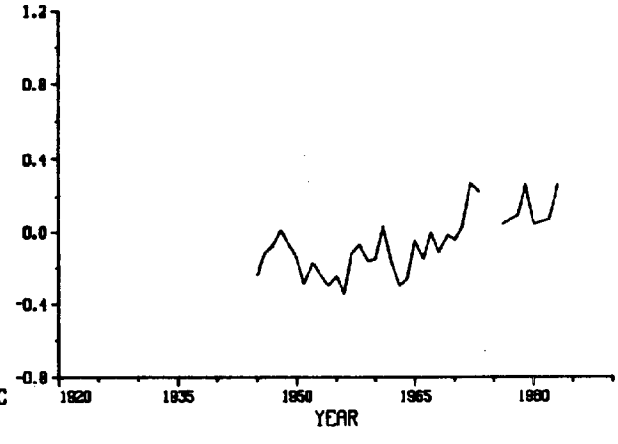

YEARLY MEAN SEA LEVEL
STATION NO. 877-9750
SOUTH PADRE ISLAND, TX

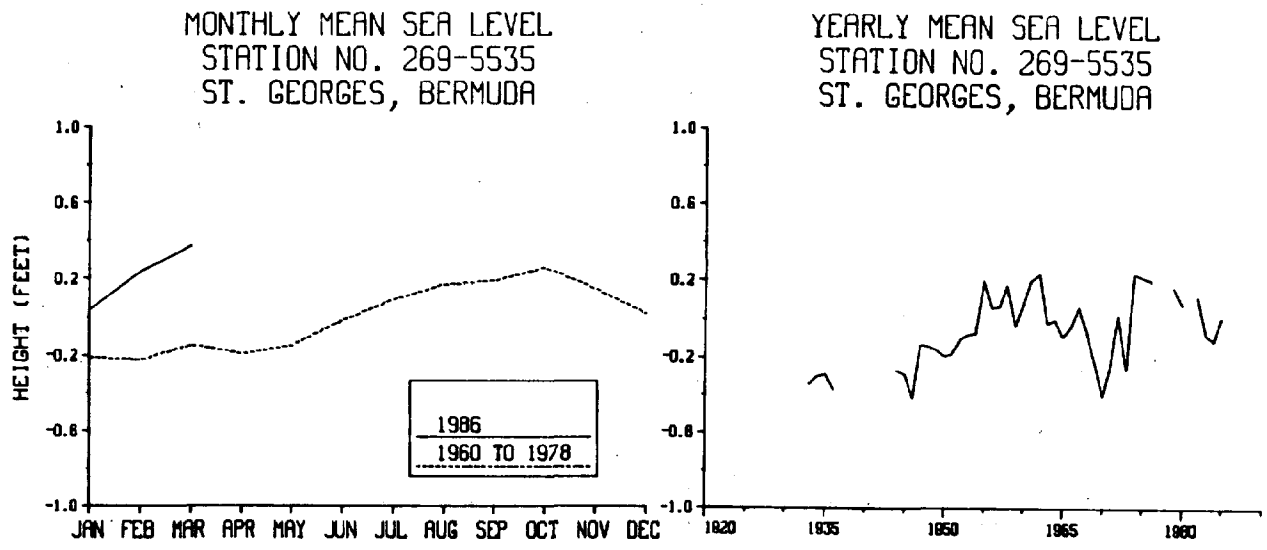



MONTHLY MEAN SEA LEVEL
STATION NO. 877-9770
PORT ISABEL, TX

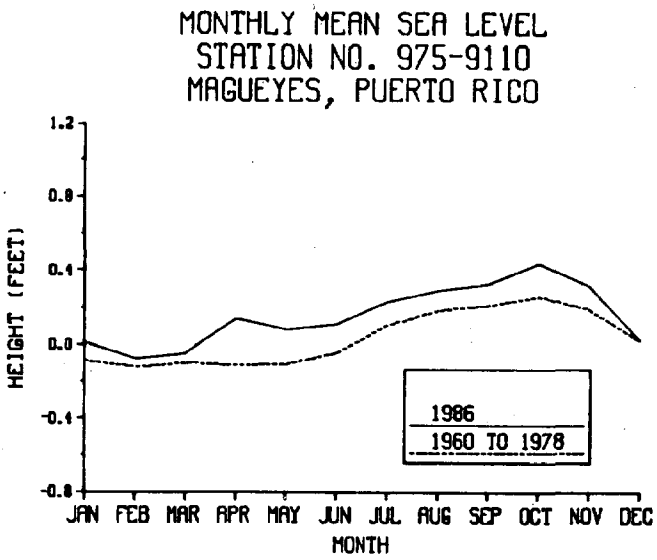


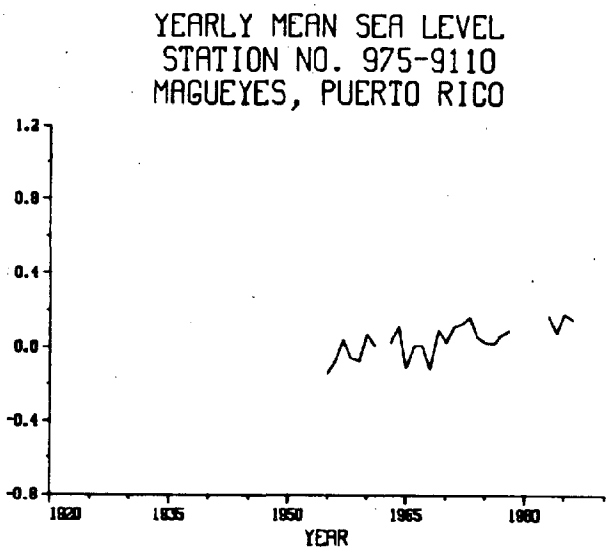

YEARLY MEAN SEA LEVEL
STATION NO. 877-9770
PORT ISABEL, TX

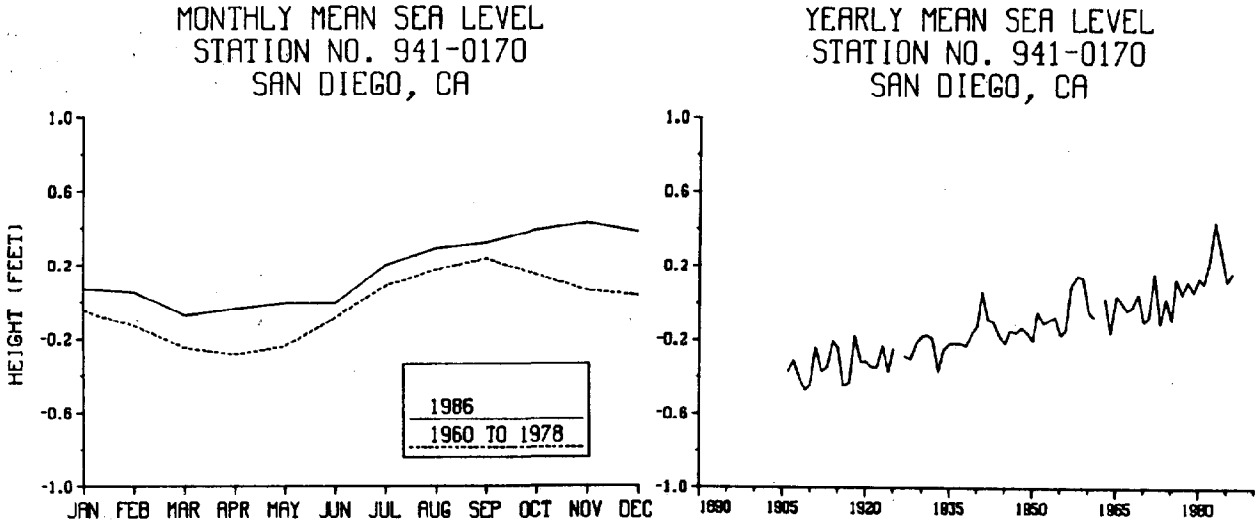



MONTHLY MEAN SEA LEVEL
STATION NO. 269-5535
ST. GEORGES, BERMUDA
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1986
1960 TO 1978

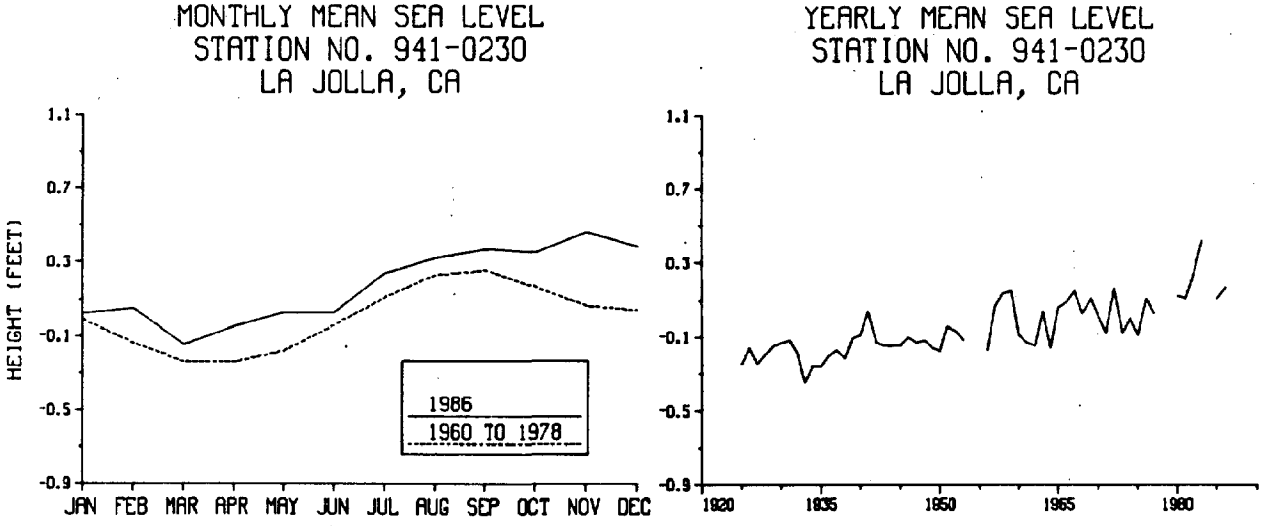

YEARLY MEAN SEA LEVEL
STATION NO. 269-5535
ST. GEORGES, BERMUDA
1.0
0.6
0.2
-0.2
-0.6
-1.0
1920
1935
1950
1965
1980


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

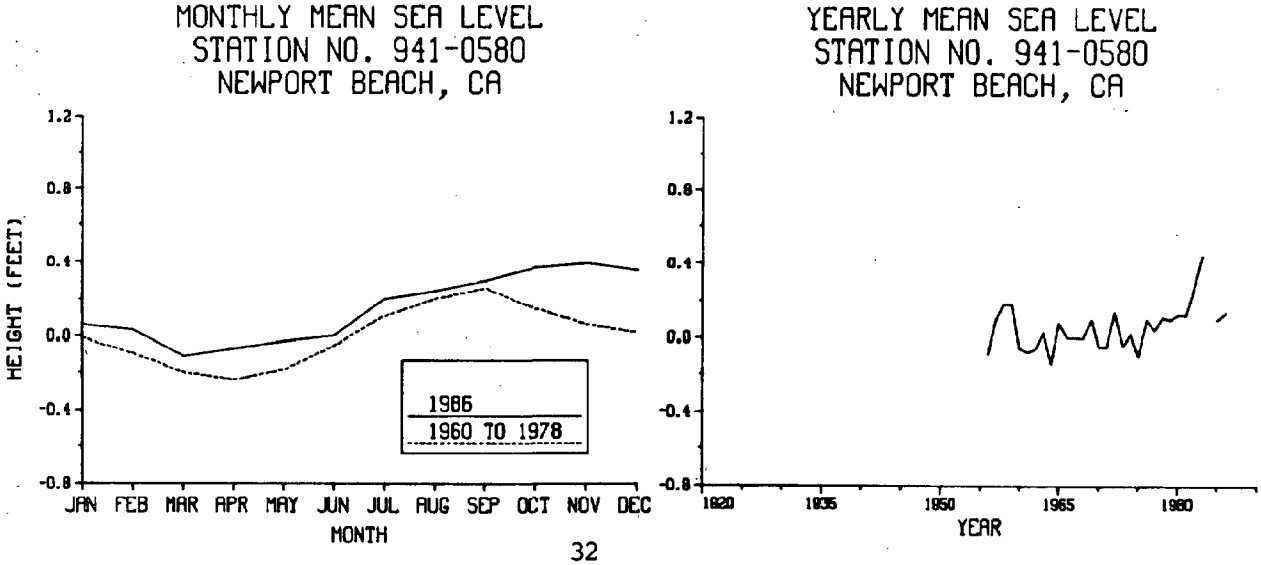

YEARLY MEAN SEA LEVEL
STATION NO. 975-9110
MAGUEYES, PUERTO RICO
1.2
0.8
0.4
0.0
-0.4
-0.8
1920
1935
1950
1965
1980
YEAR


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
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


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

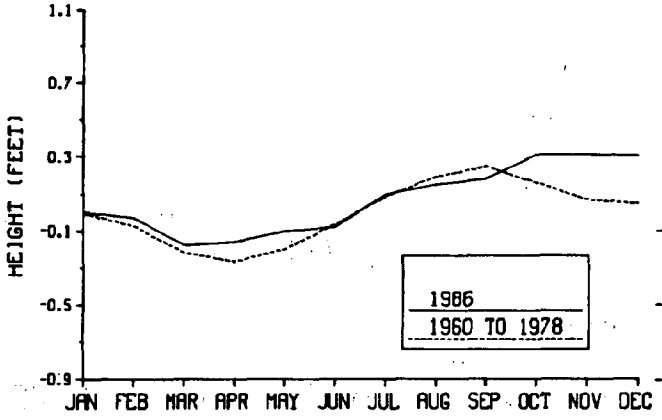

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0230
LA JOLLA, CA
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


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

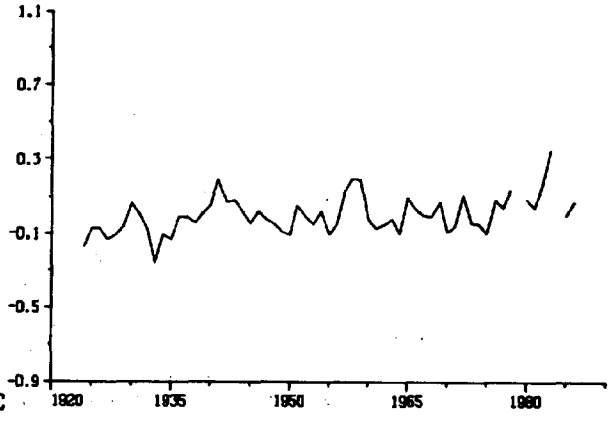

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0580
NEWPORT BEACH, CA
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


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

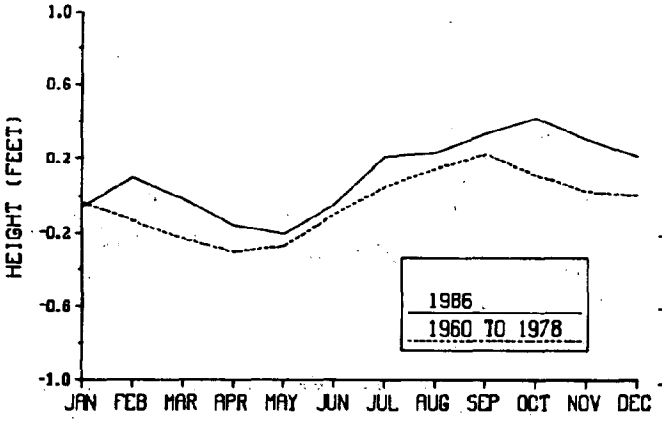
MONTHLY MEAN SEA LEVEL
STATION NO. 941-0660
LOS ANGELES (BERTH 60), CA



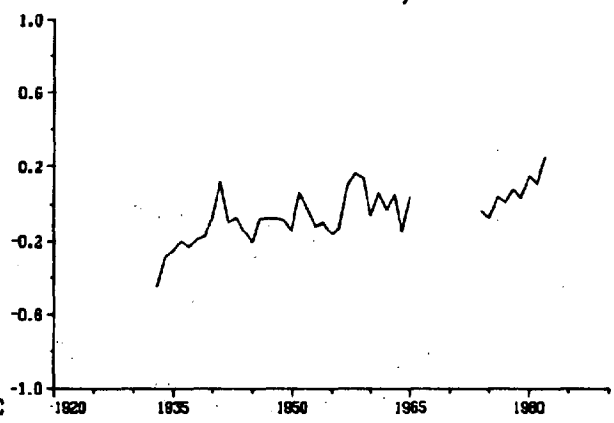

YEARLY MEAN SEA LEVEL
STATION NO. 941-0660
LOS ANGELES (BERTH 60), CA



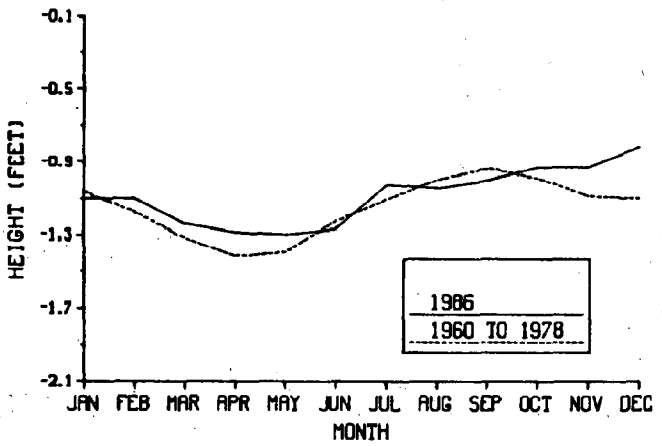

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0840
SANTA MONICA, CA



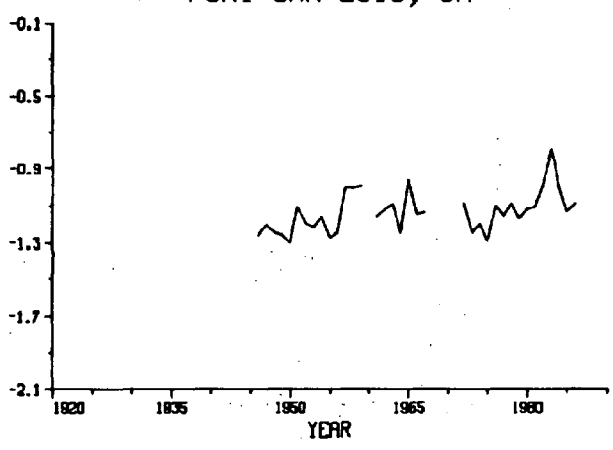

YEARLY MEAN SEA LEVEL
STATION NO. 941-0840
SANTA MONICA, CA

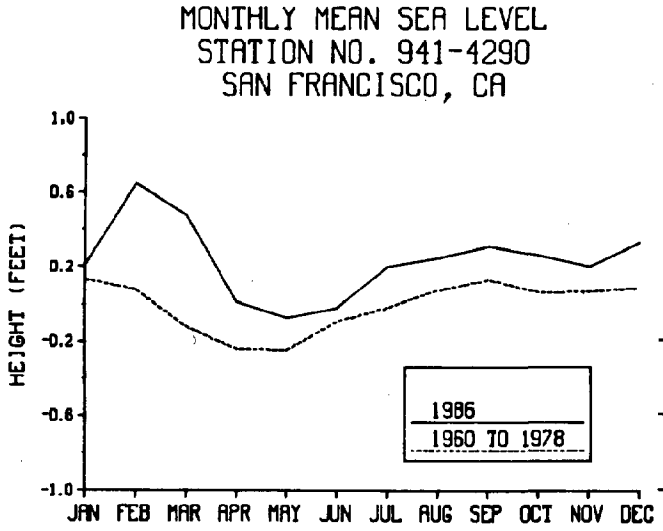


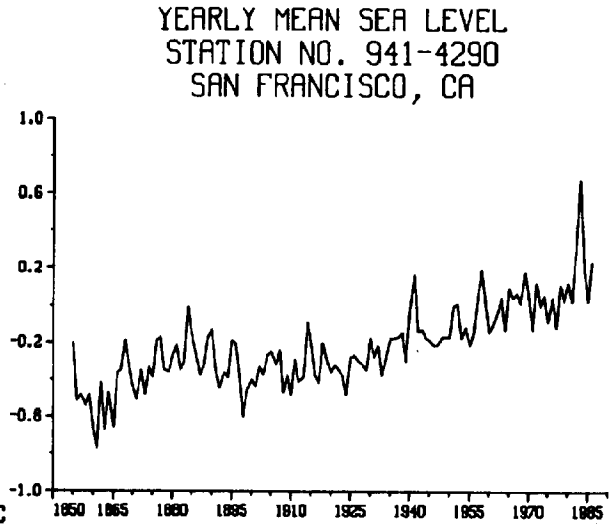

MONTHLY MEAN SEA LEVEL
STATION NO. 941-2110
PORT SAN LUIS, CA

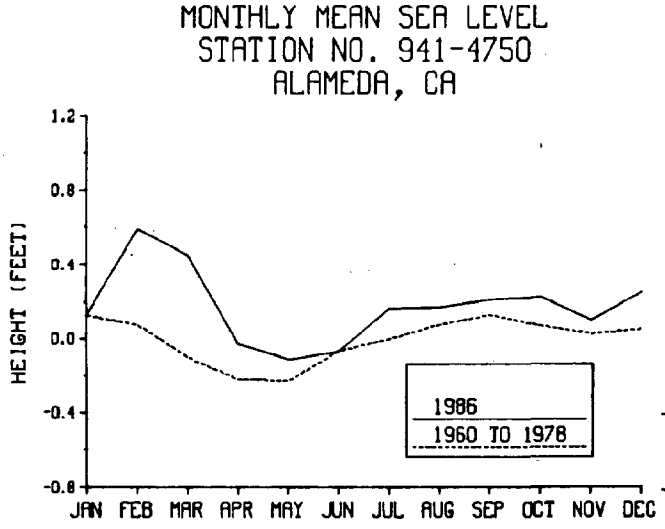


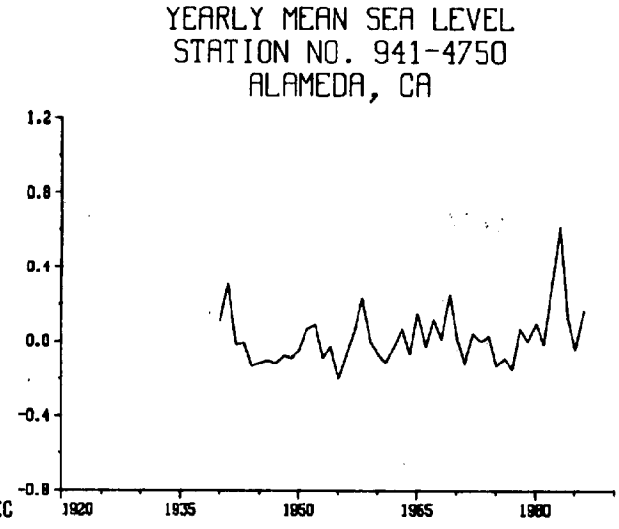

YEARLY MEAN SEA LEVEL
STATION NO. 941-2110
PORT SAN LUIS, CA

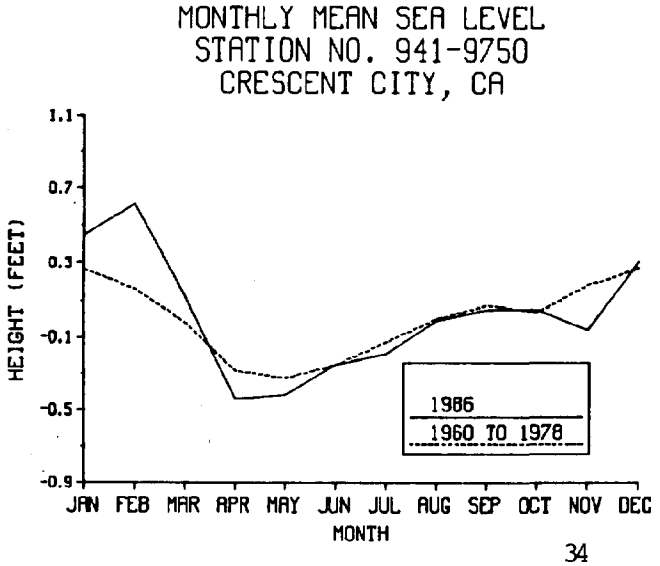


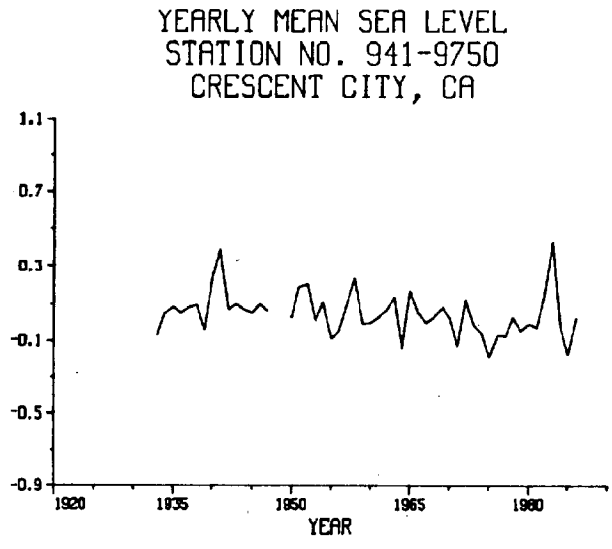

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4290
SAN FRANCISCO, CA
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


YEARLY MEAN SEA LEVEL
STATION NO. 941-4290
SAN FRANCISCO, CA
1.0
0.6
0.2
-0.2
-0.6
-1.0
1850 1865 1880 1895 1910 1925 1940 1955 1970 1985

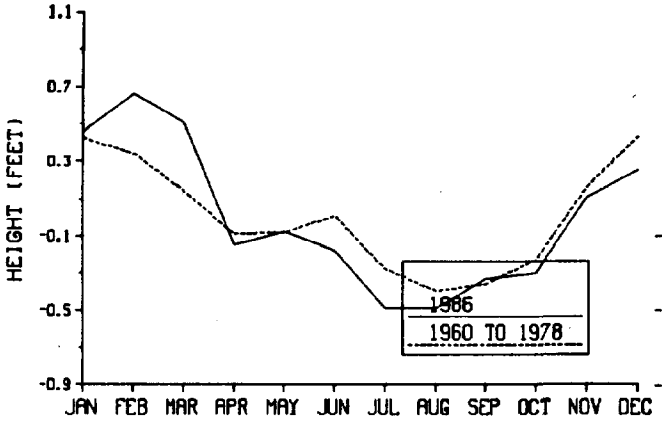

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4750
ALAMEDA, CA
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


YEARLY MEAN SEA LEVEL
STATION NO. 941-4750
ALAMEDA, CA
1.2
0.8
0.4
0.0
-0.4
-0.8
1920 1935 1950 1965 1980

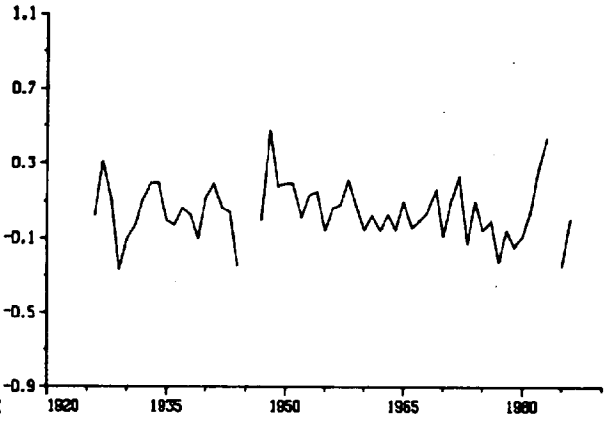

MONTHLY MEAN SEA LEVEL
STATION NO. 941-9750
CRESCENT CITY, CA
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1986
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


YEARLY MEAN SEA LEVEL
STATION NO. 941-9750
CRESCENT CITY, CA
1.1
0.7
0.3
-0.1
-0.5
-0.9
1920 1935 1950 1965 1980
YEAR

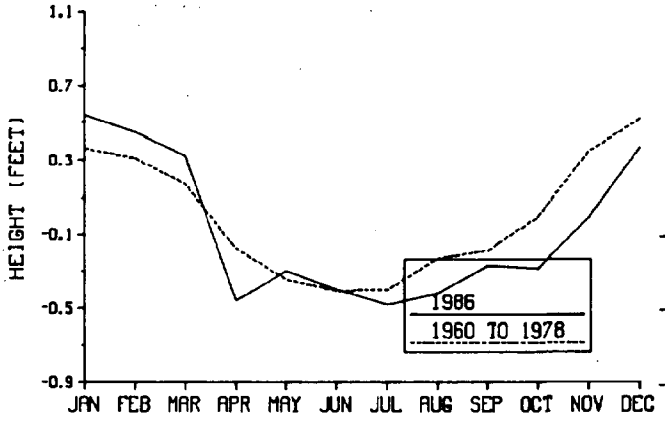
MONTHLY MEAN SEA LEVEL
STATION NO. 943-9040
ASTORIA, OR




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
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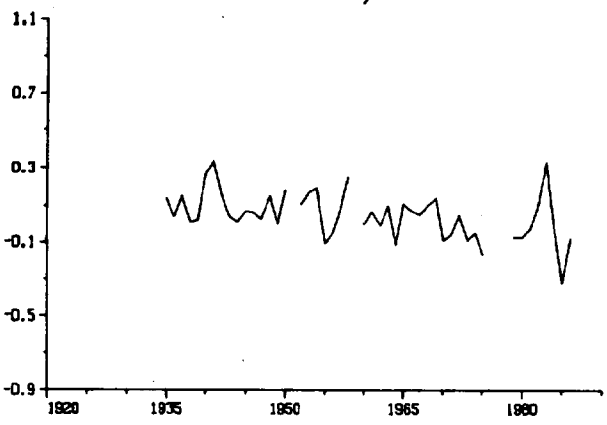
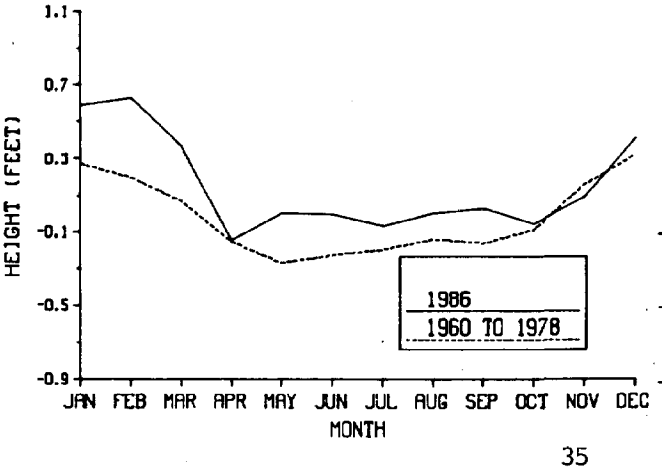
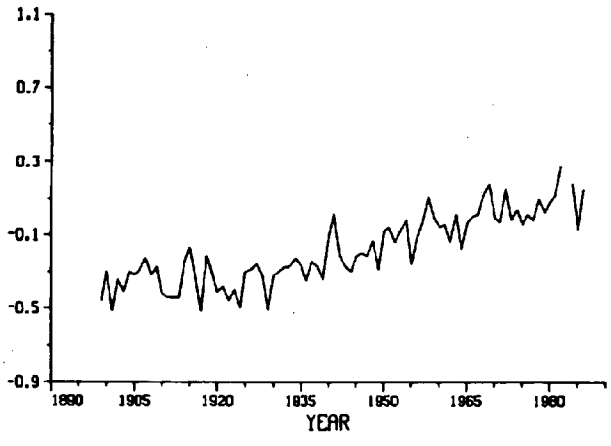
NEAH BAY, WA



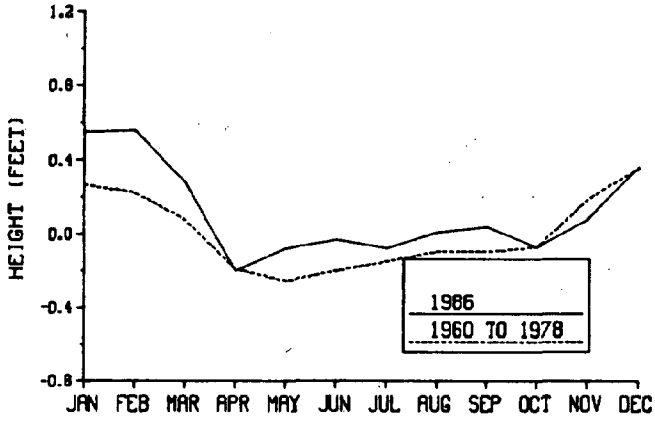

MONTHLY MEAN SEA LEVEL
STATION NO. 944-7130
SEATTLE, WA




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
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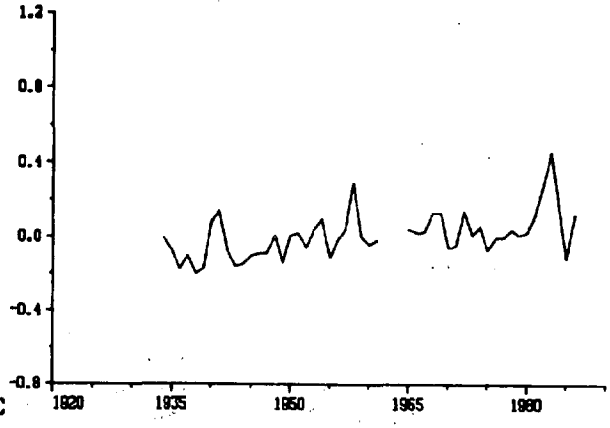
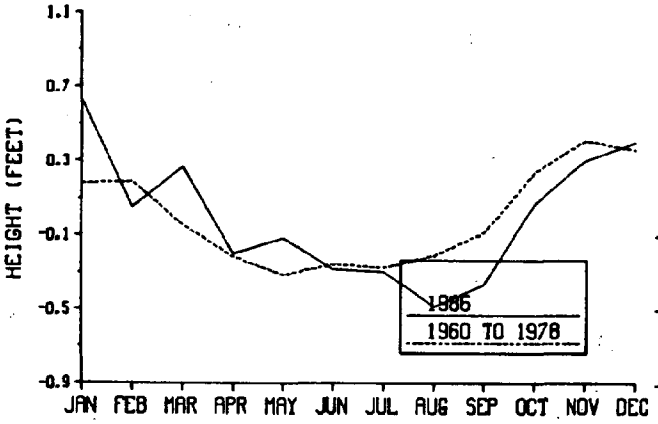
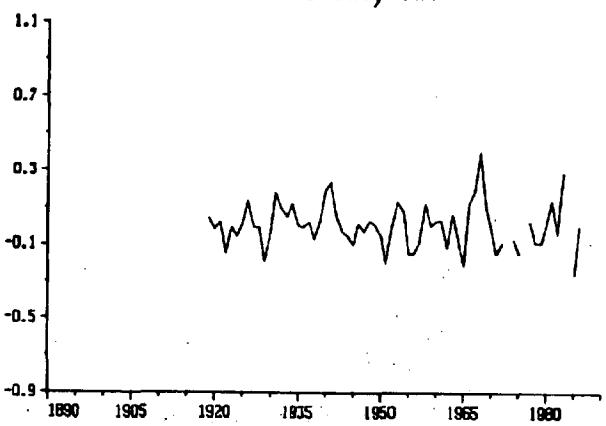
FRIDAY HARBOR, WA



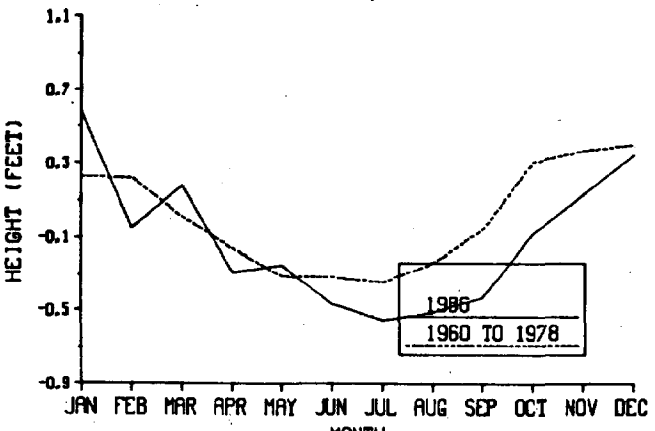

MONTHLY MEAN SEA LEVEL
STATION NO. 945-0460
KETCHIKAN, AK



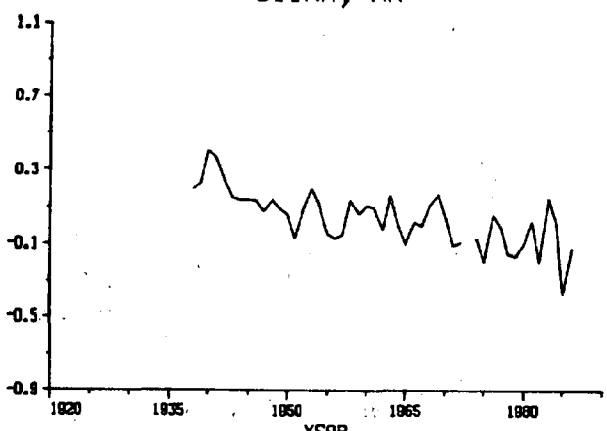

YEARLY MEAN SEA LEVEL
STATION NO. 945-0460
KETCHIKAN, AK



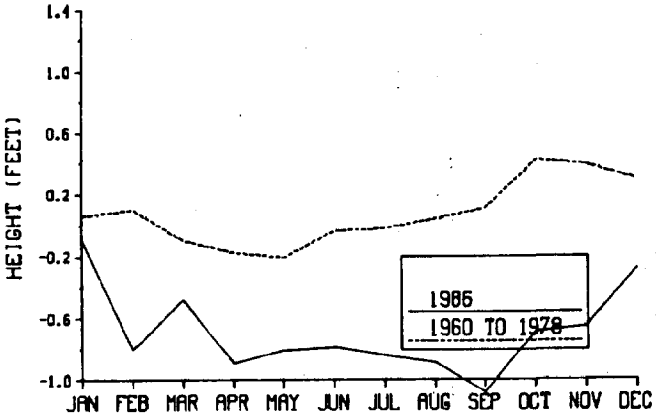

MONTHLY MEAN SEA LEVEL
STATION NO. 945-1600
SITKA, AK



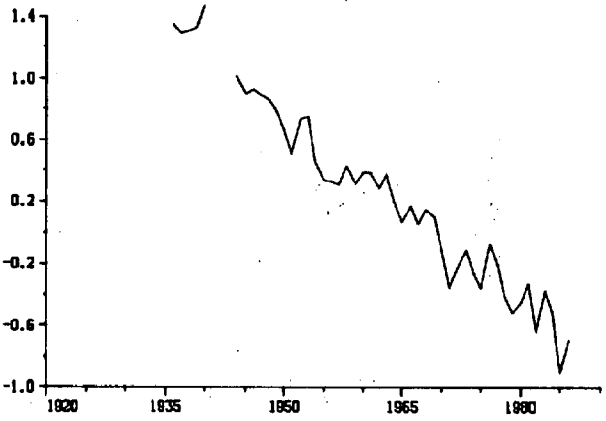

YEARLY MEAN SEA LEVEL
STATION NO. 945-1600
SITKA, AK



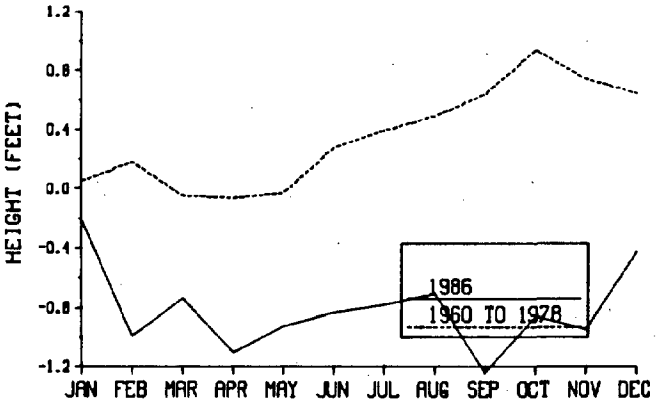
MONTHLY MEAN SEA LEVEL
STATION NO. 945-2210
JUNEAU, AK



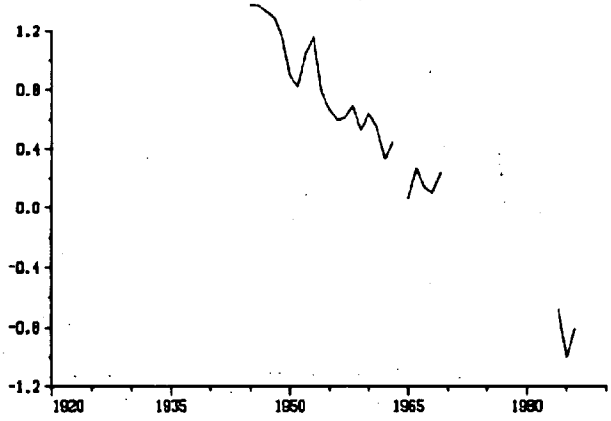

YEARLY MEAN SEA LEVEL
STATION NO. 945-2210
JUNEAU, AK



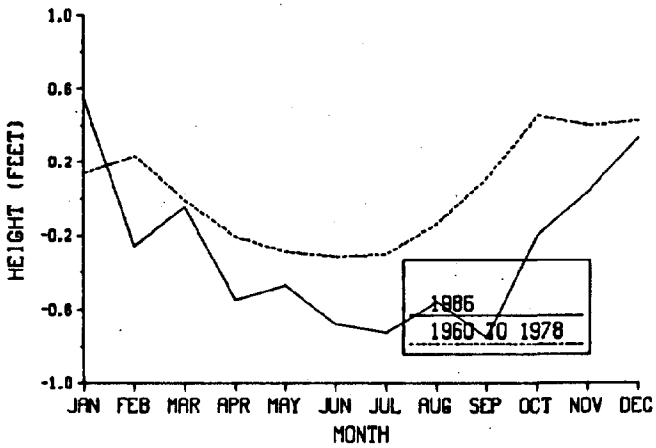

MONTHLY MEAN SEA LEVEL
STATION NO. 945-2400
SKAGWAY, AK



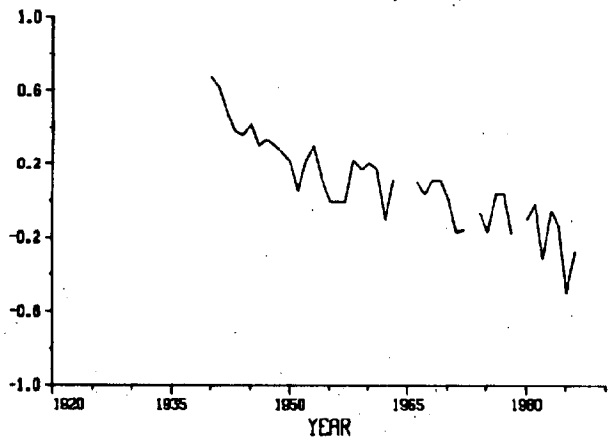

YEARLY MEAN SEA LEVEL
STATION NO. 945-2400
SKAGWAY, AK



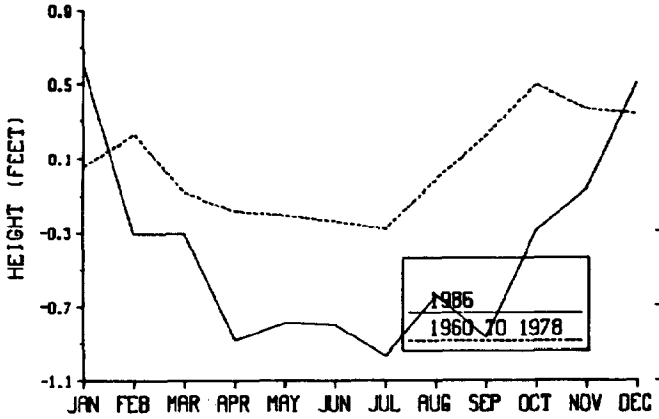

MONTHLY MEAN SEA LEVEL
STATION NO. 945-3220
YAKUTAT BAY, AK



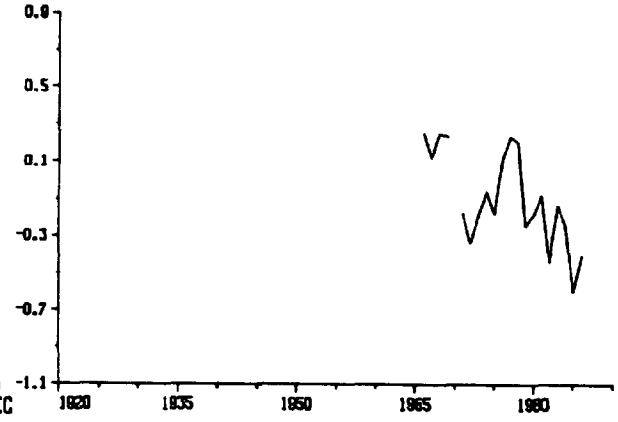

YEARLY MEAN SEA LEVEL
STATION NO. 945-3220
YAKUTAT BAY, AK



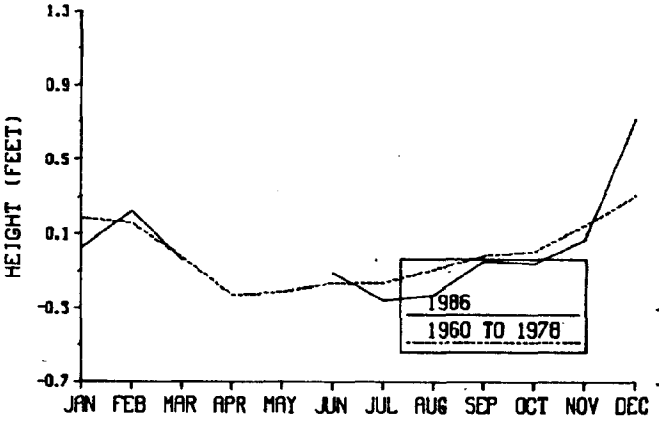
MONTHLY MEAN SEA LEVEL
STATION NO. 945-5500
SELDOVIA, AK



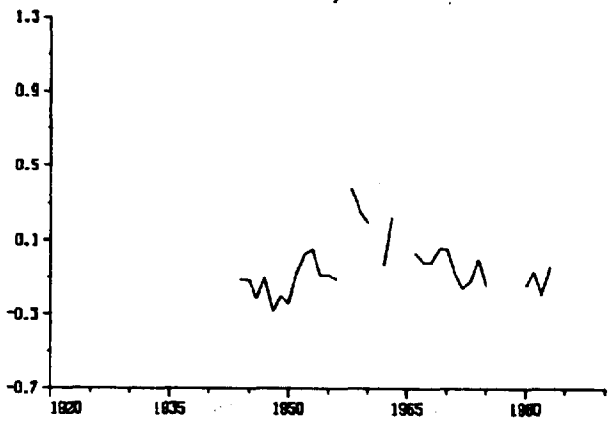

YEARLY MEAN SEA LEVEL
STATION NO. 945-5500
SELDOVIA, AK



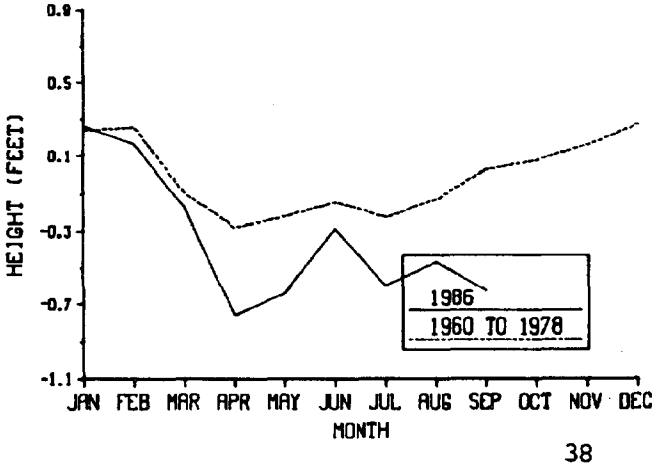

MONTHLY MEAN SEA LEVEL
STATION NO. 946-1380
ADAK, AK



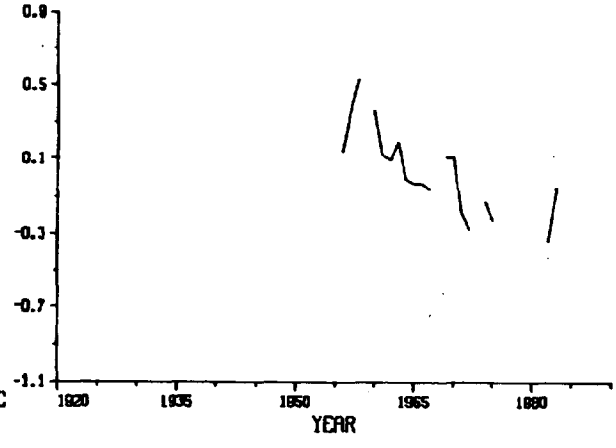

YEARLY MEAN SEA LEVEL
STATION NO. 946-1380
ADAK, AK



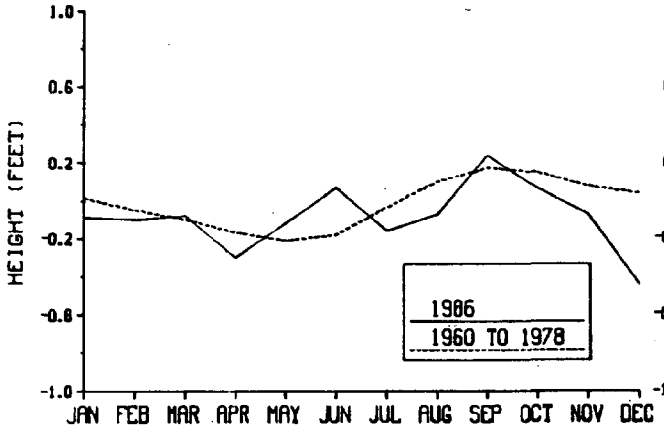

MONTHLY MEAN SEA LEVEL
STATION NO. 946-2620
UNALASKA ISLAND, AK



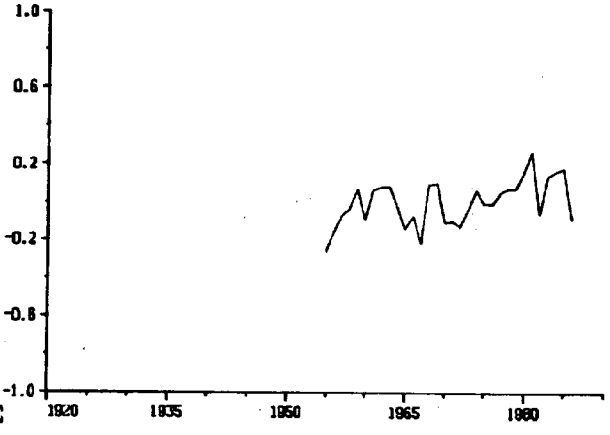

YEARLY MEAN SEA LEVEL
STATION NO. 946-2620
UNALASKA ISLAND, AK



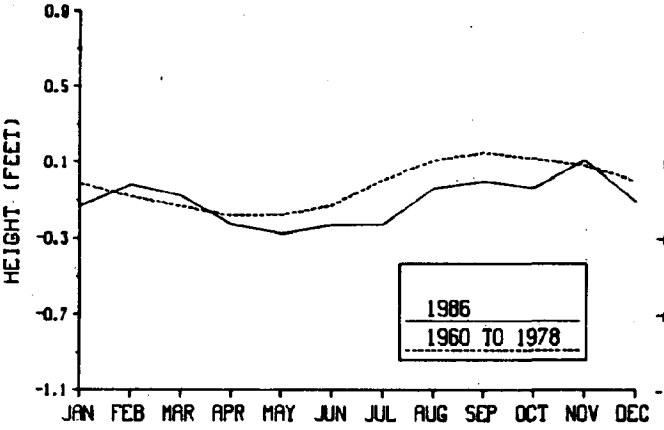
MONTHLY MEAN SEA LEVEL
STATION NO. 161-1400
NAWILIWILI, HI



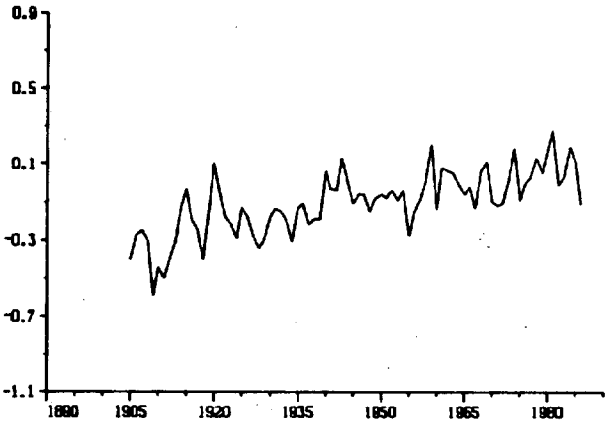

YEARLY MEAN SEA LEVEL
STATION NO. 161-1400
NAWILIWILI, HI



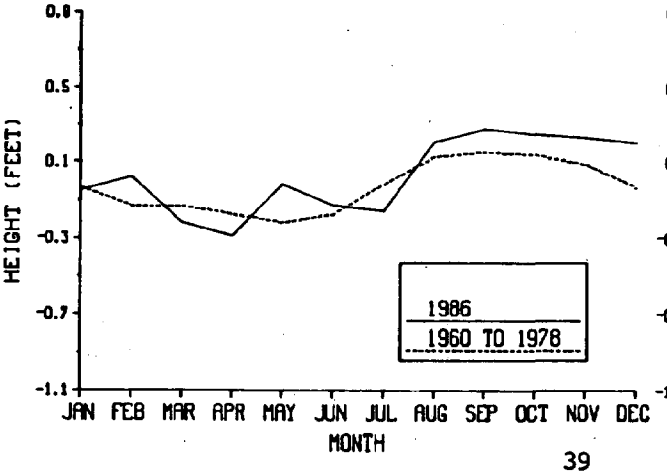

MONTHLY MEAN SEA LEVEL
STATION NO. 161-2340
HONOLULU, OAHU, HI



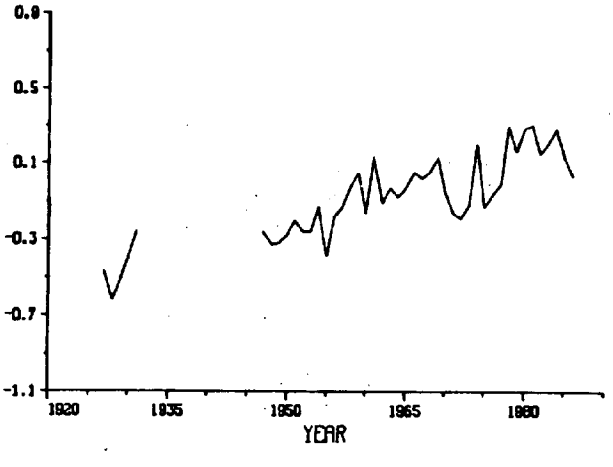

YEARLY MEAN SEA LEVEL
STATION NO. 161-2340
HONOLULU, OAHU, HI



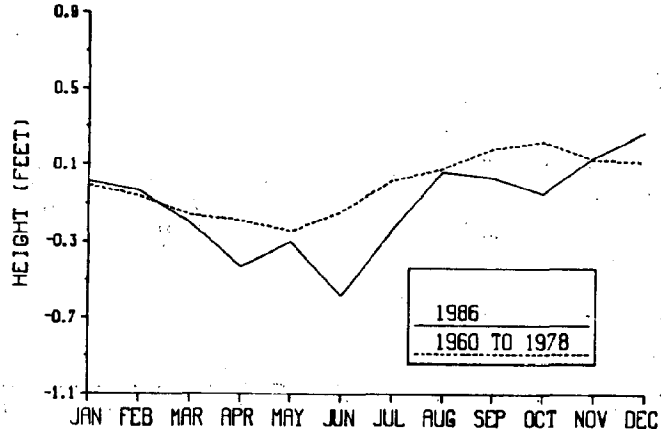

MONTHLY MEAN SEA LEVEL
STATION NO. 161-7760
HILO, HI



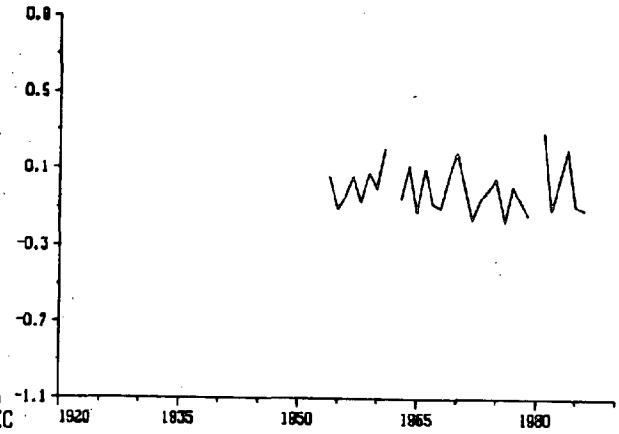

YEARLY MEAN SEA LEVEL
STATION NO. 161-7760
HILO, HI



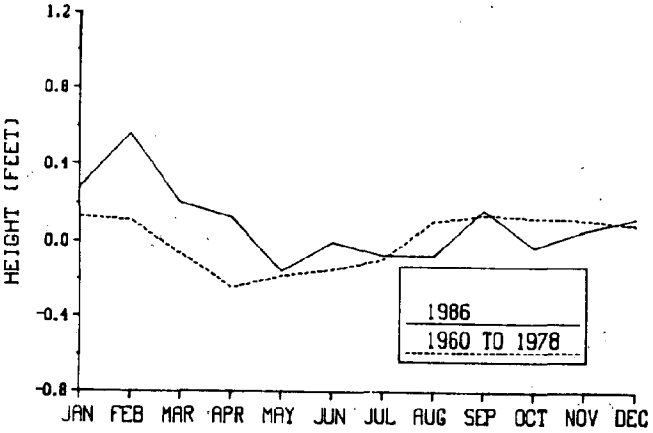
MONTHLY MEAN SEA LEVEL
STATION NO. 161-9000
JOHNSTON ISLAND



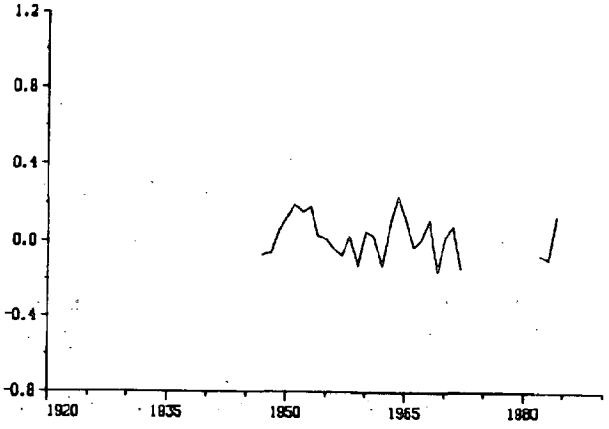

YEARLY MEAN SEA LEVEL
STATION NO. 161-9000
JOHNSTON ISLAND



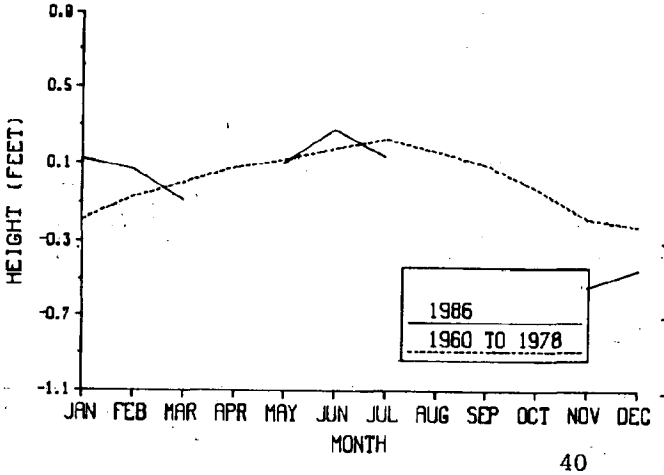

MONTHLY MEAN SEA LEVEL
STATION NO. 161-9910
SAND ISLAND, MIDWAY



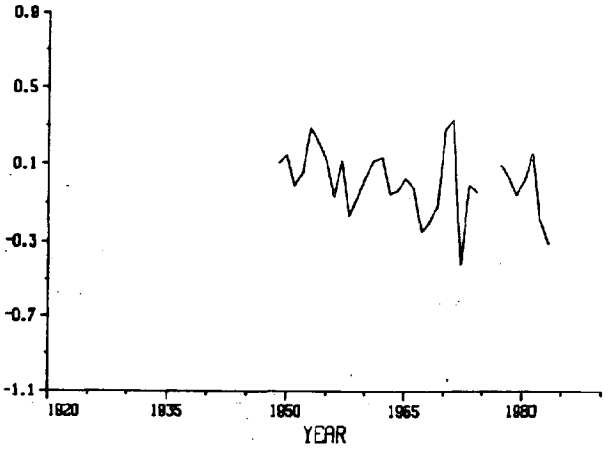

YEARLY MEAN SEA LEVEL
STATION NO. 161-9910
SAND ISLAND, MIDWAY



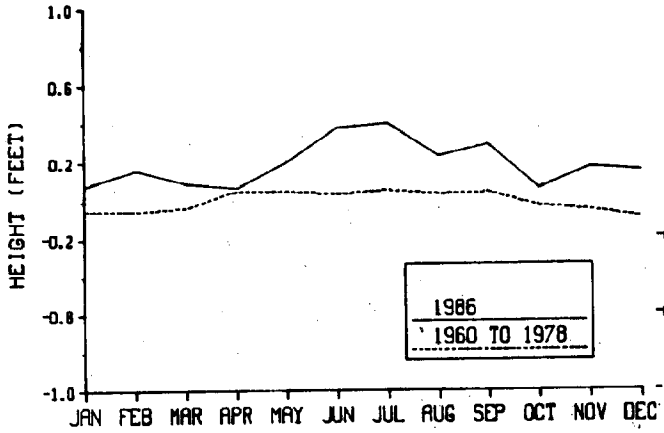

MONTHLY MEAN SEA LEVEL
STATION NO. 163-0000
APRA HARBOR, GUAM



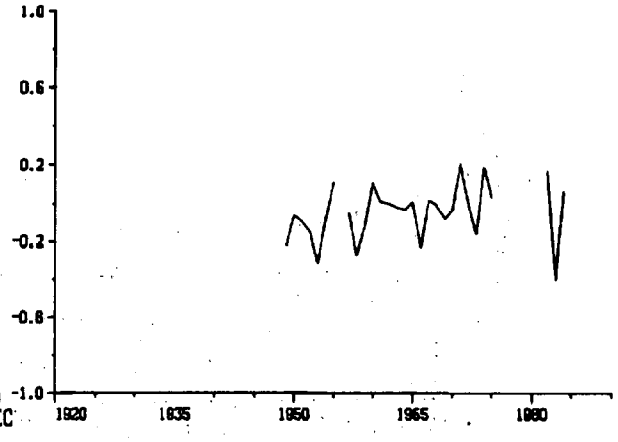

YEARLY MEAN SEA LEVEL
STATION NO. 163-0000
APRA HARBOR, GUAM



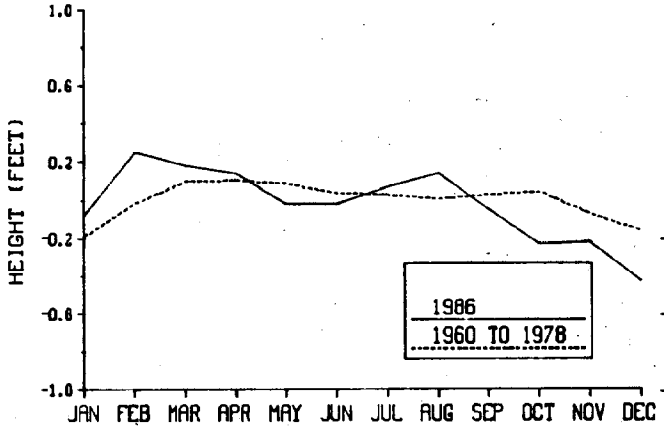
MONTHLY MEAN SEA LEVEL
STATION NO. 177-0000
PAGO PAGO, AMERICAN SAMOA



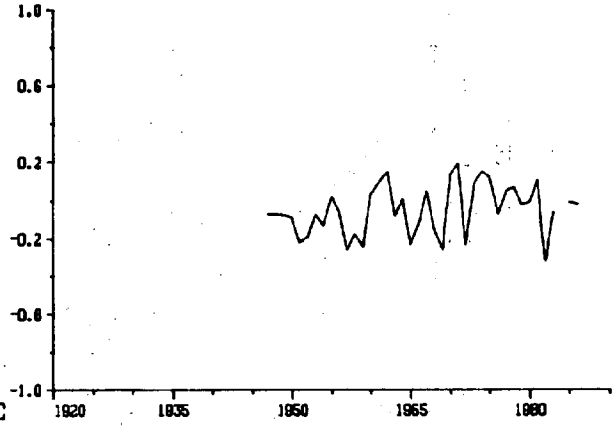

YEARLY MEAN SEA LEVEL
STATION NO. 177-0000
PAGO PAGO, AMERICAN SAMOA



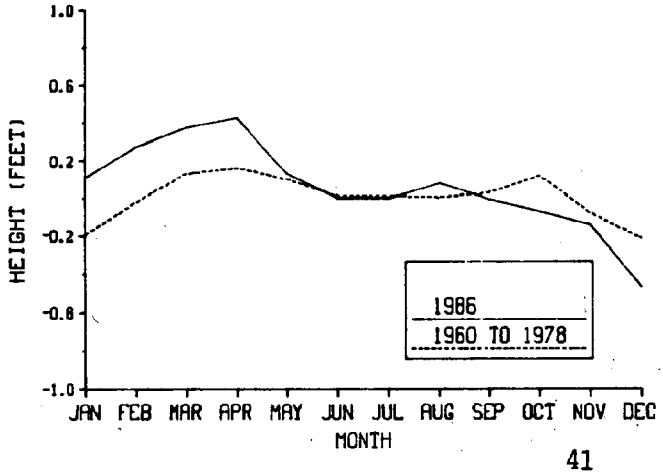

MONTHLY MEAN SEA LEVEL
STATION NO. 182-0000
KWAJALEIN, MARSHALL ISLANDS



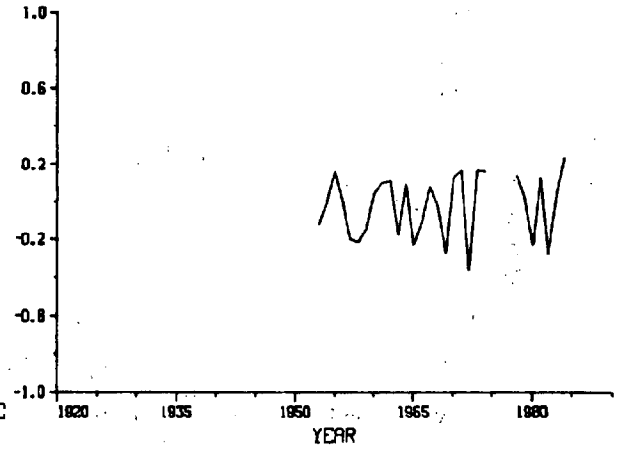

YEARLY MEAN SEA LEVEL
STATION NO. 182-0000
KWAJALEIN, MARSHALL ISLANDS

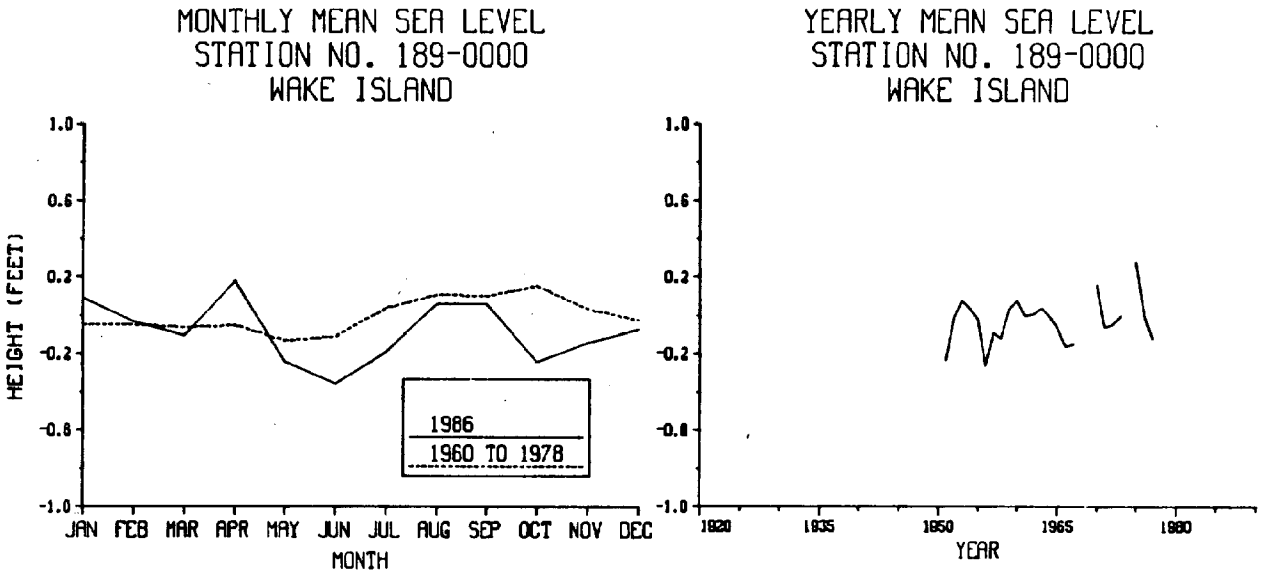



MONTHLY MEAN SEA LEVEL
STATION NO. 184-0000
TRUK ATOLL, EAST CAROLINES



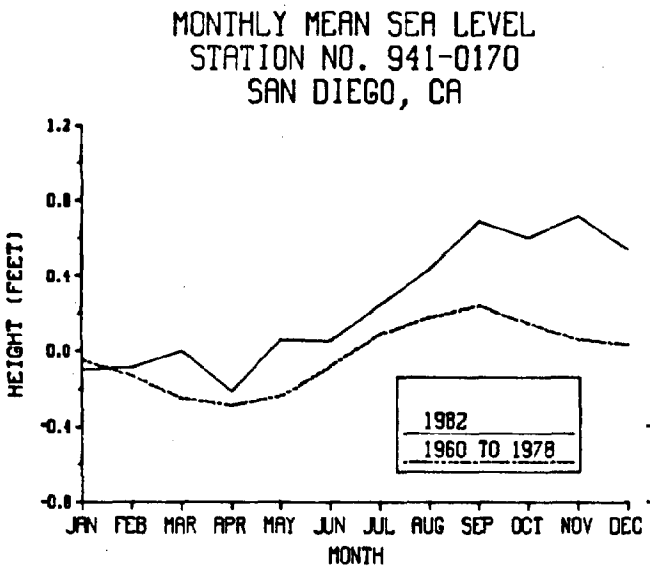

YEARLY MEAN SEA LEVEL
STATION NO. 184-0000
TRUK ATOLL, EAST CAROLINES

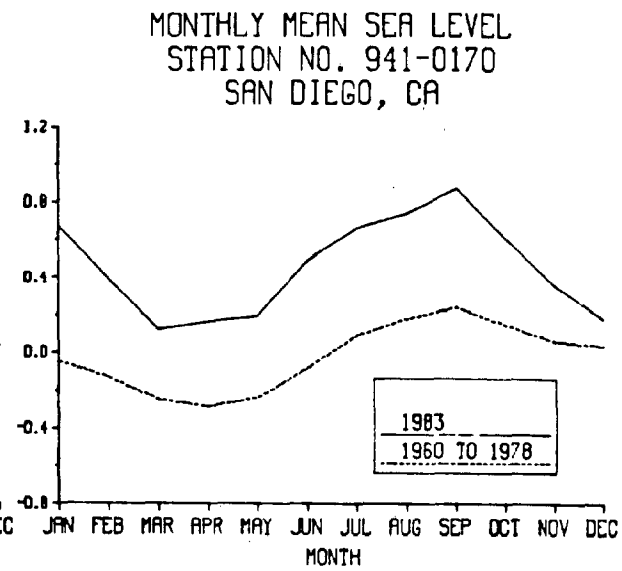


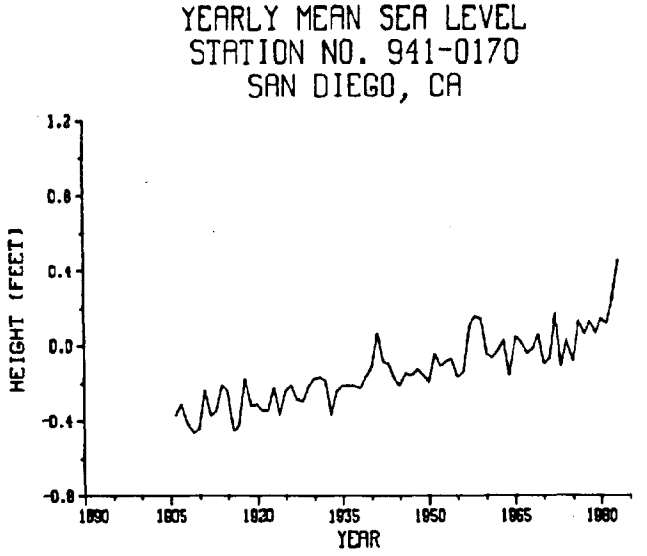

MONTHLY MEAN SEA LEVEL
STATION NO. 189-0000
WAKE ISLAND
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.8
-1.0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH
1986
1960 TO 1978
YEARLY MEAN SEA LEVEL
STATION NO. 189-0000
WAKE ISLAND
1920
1935
1950
1965
1980
YEAR

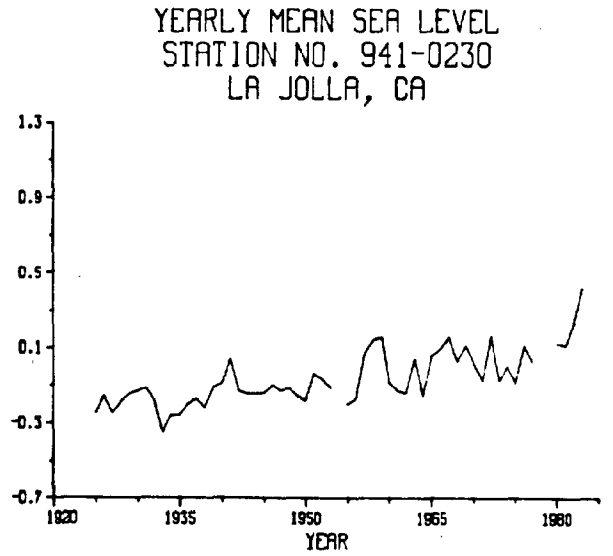
# APPENDIX B

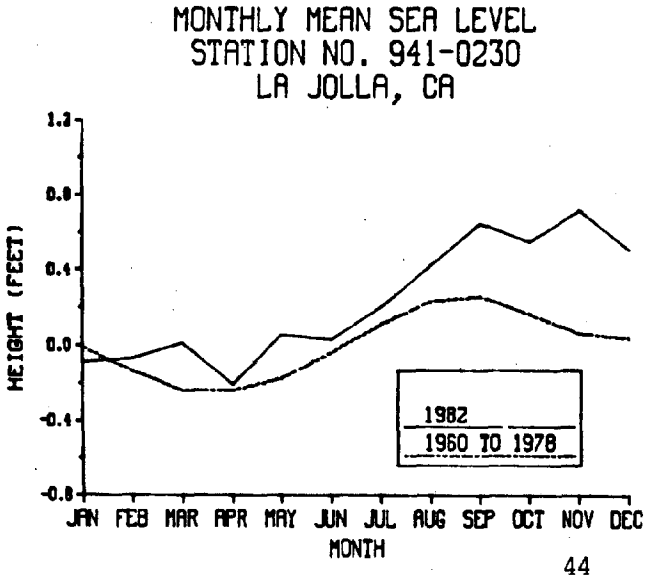
Plots of Monthly Mean Sea Level for 1982-83

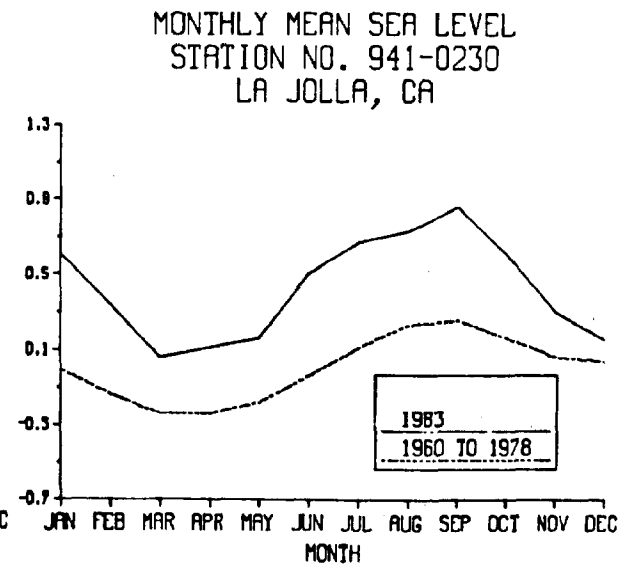

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0170
SAN DIEGO, CA
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

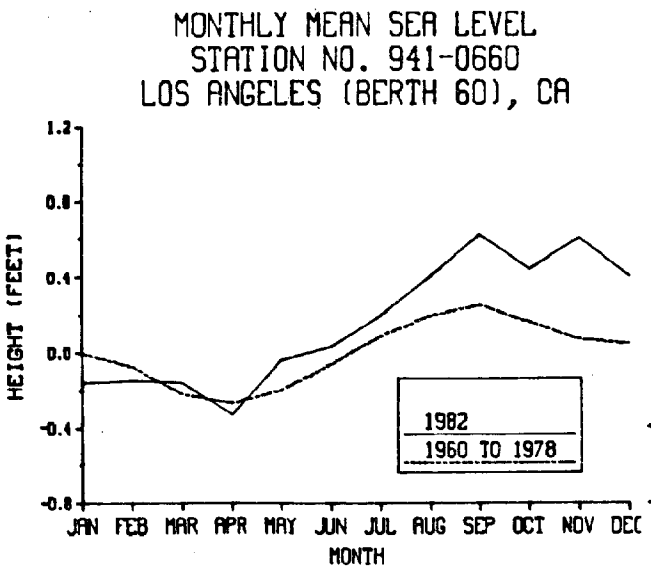

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0170
SAN DIEGO, CA
1.2
0.8
0.4
0.0
-0.4
-0.8
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

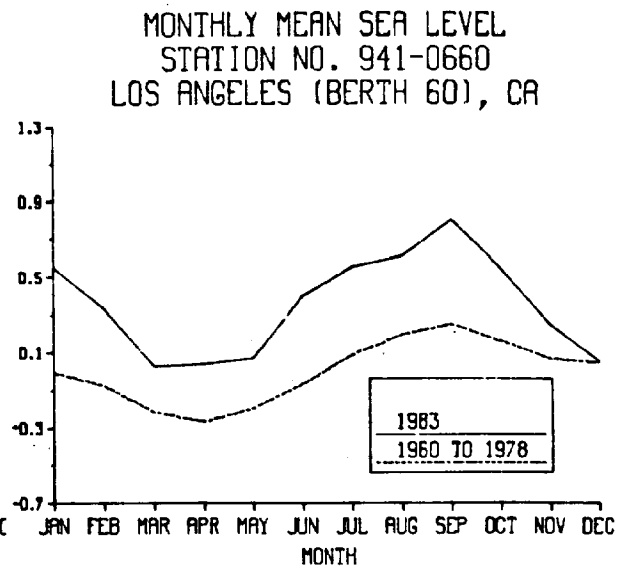

YEARLY MEAN SEA LEVEL
STATION NO. 941-0170
SAN DIEGO, CA
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
1890 1905 1920 1935 1950 1965 1980
YEAR

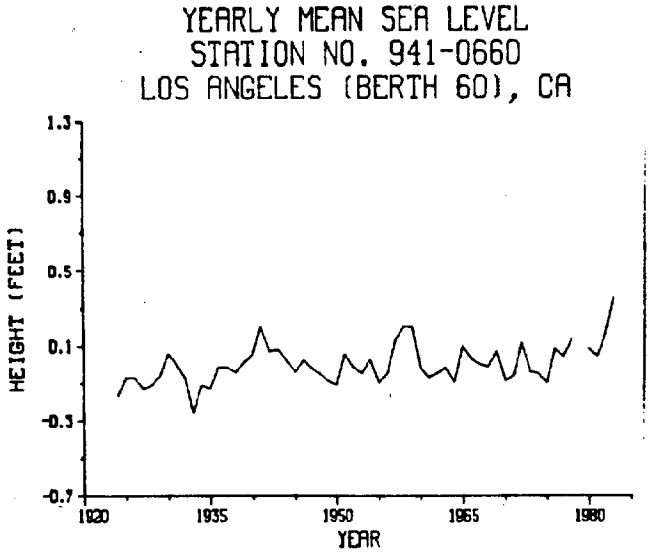

YEARLY MEAN SEA LEVEL
STATION NO. 941-0230
LA JOLLA, CA
1.3
0.9
0.5
0.1
-0.3
-0.7
1920 1935 1950 1965 1980
YEAR

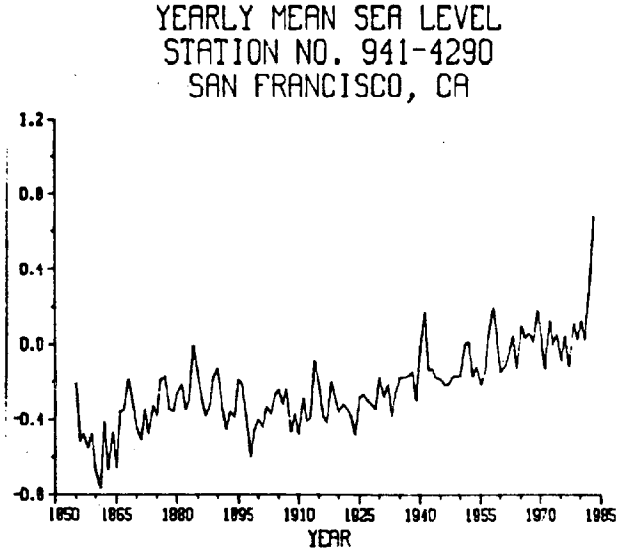

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0230
LA JOLLA, CA
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

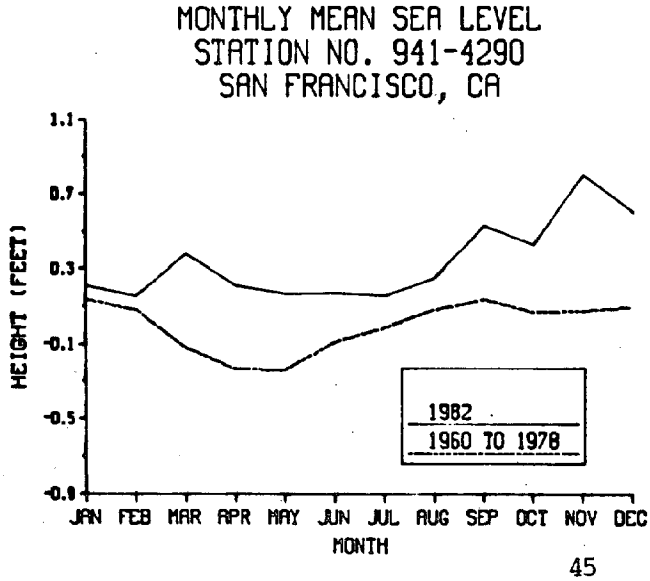

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0230
LA JOLLA, CA
1.3
0.8
0.5
0.1
-0.3
-0.7
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

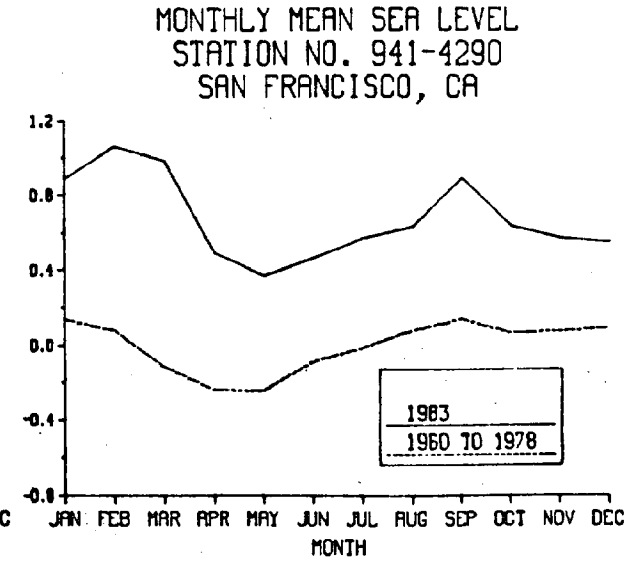

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0660
LOS ANGELES (BERTH 60), CA
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

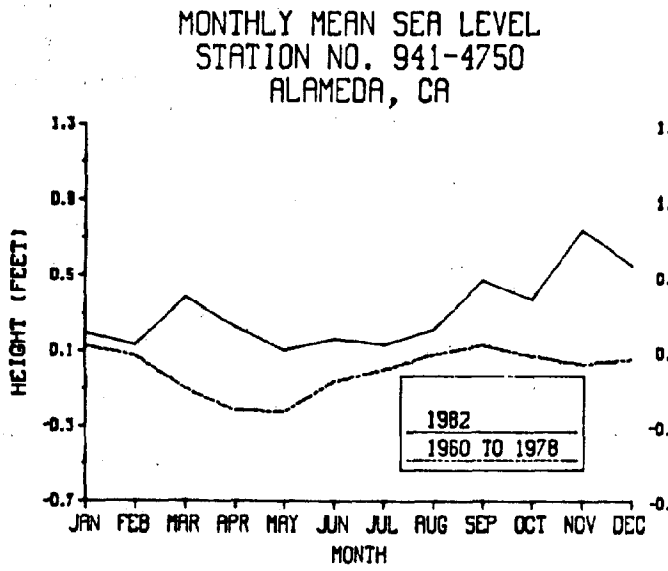

MONTHLY MEAN SEA LEVEL
STATION NO. 941-0660
LOS ANGELES (BERTH 60), CA
1.3
0.9
0.5
0.1
-0.3
-0.7
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

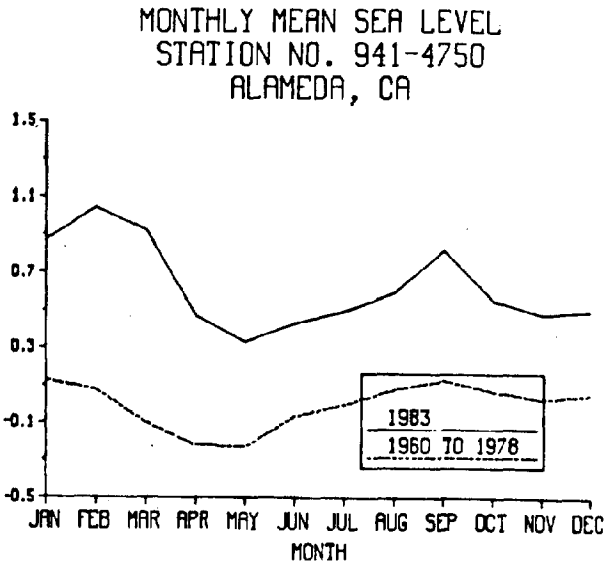

YEARLY MEAN SEA LEVEL
STATION NO. 941-0660
LOS ANGELES (BERTH 60), CA
HEIGHT (FEET)
1.3
0.9
0.5
0.1
-0.3
-0.7
1920
1935
1950
1965
1980
YEAR

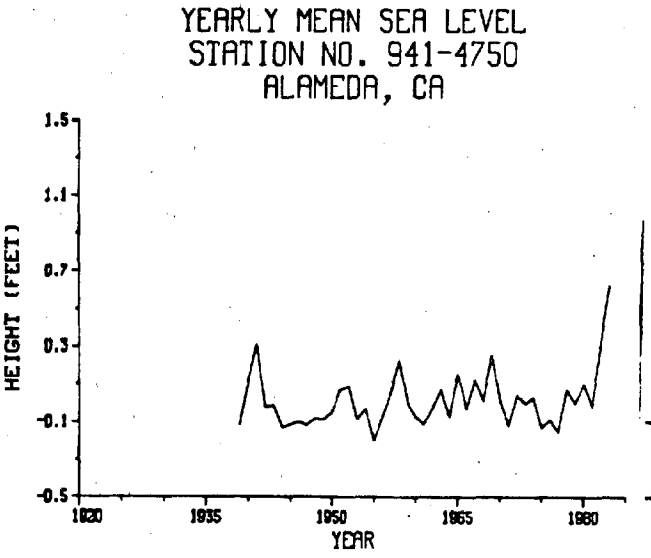

YEARLY MEAN SEA LEVEL
STATION NO. 941-4290
SAN FRANCISCO, CA
1.2
0.8
0.4
0.0
-0.4
-0.8
1850
1865
1880
1895
1910
1925
1940
1955
1970
1985
YEAR

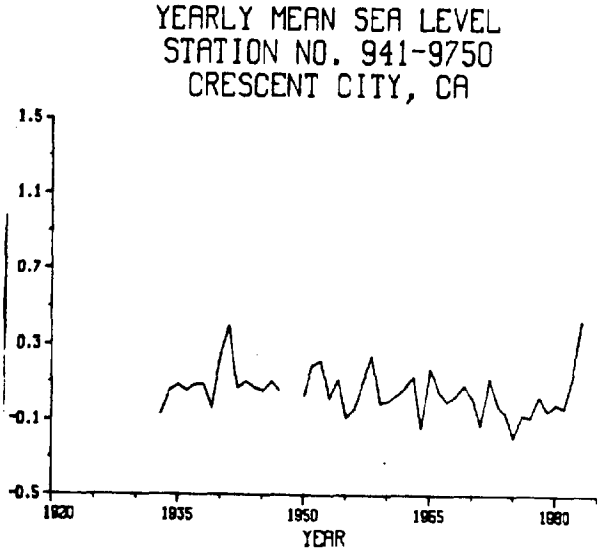

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4290
SAN FRANCISCO, CA
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

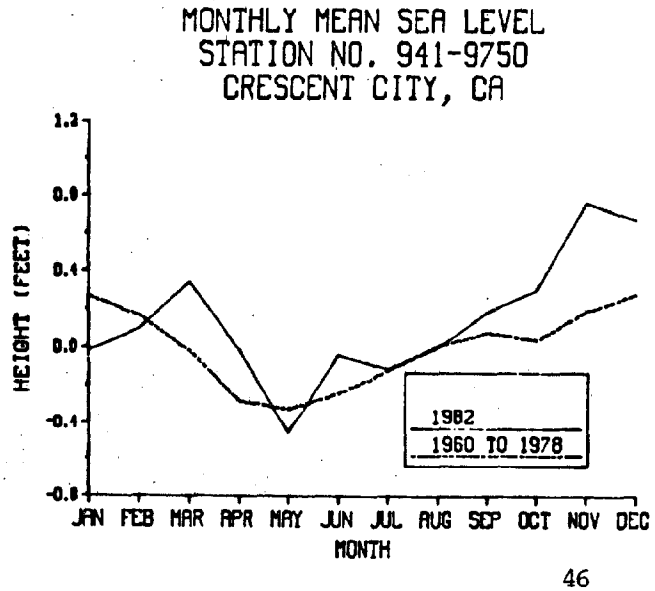

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4290
SAN FRANCISCO, CA
1.2
0.8
0.4
0.0
-0.4
-0.8
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

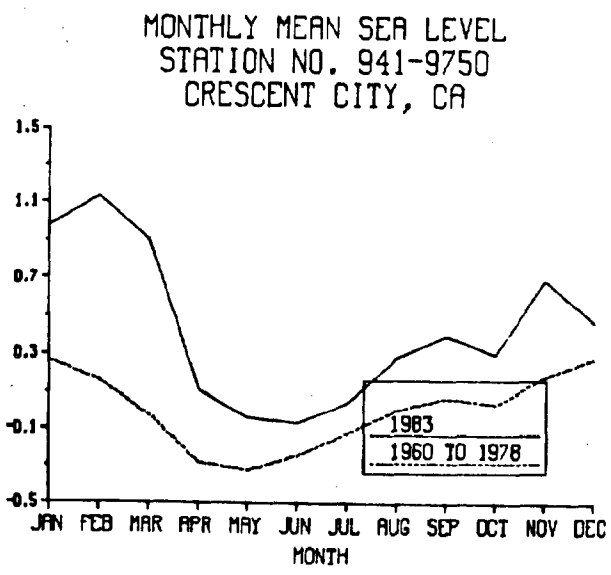

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4750
ALAMEDA, CA
HEIGHT (FEET)
1.3
0.9
0.5
0.1
-0.3
-0.7
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

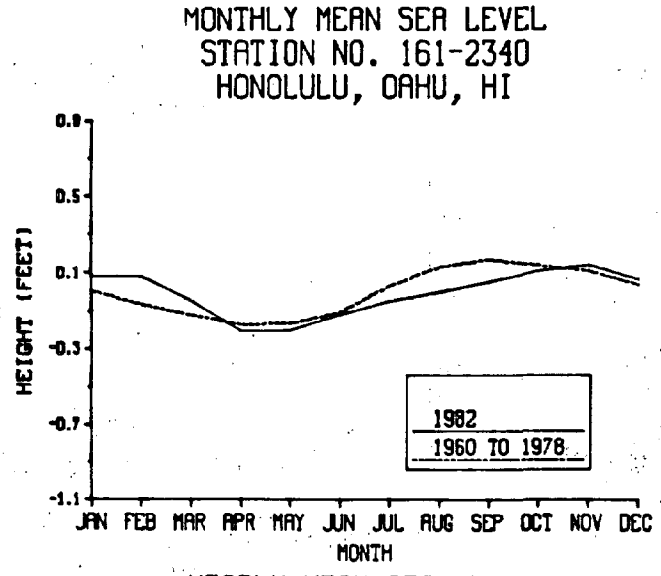

MONTHLY MEAN SEA LEVEL
STATION NO. 941-4750
ALAMEDA, CA
1.5
1.1
0.7
0.3
-0.1
-0.5
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

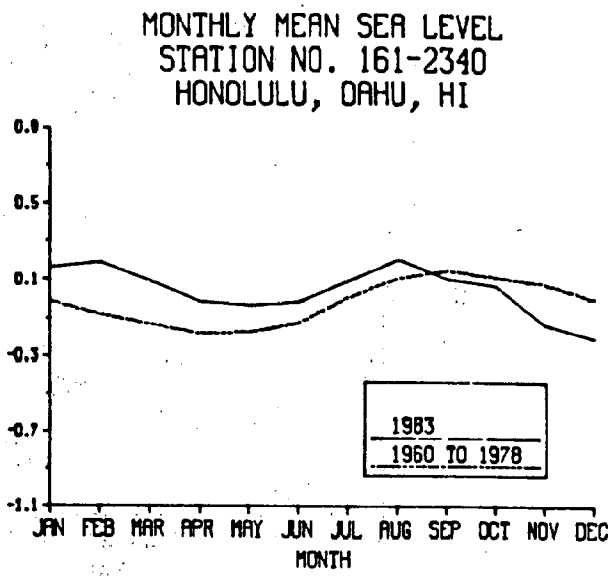

YEARLY MEAN SEA LEVEL
STATION NO. 941-4750
ALAMEDA, CA
HEIGHT (FEET)
1.5
1.1
0.7
0.3
-0.1
-0.5
1920
1935
1950
1965
1980
YEAR

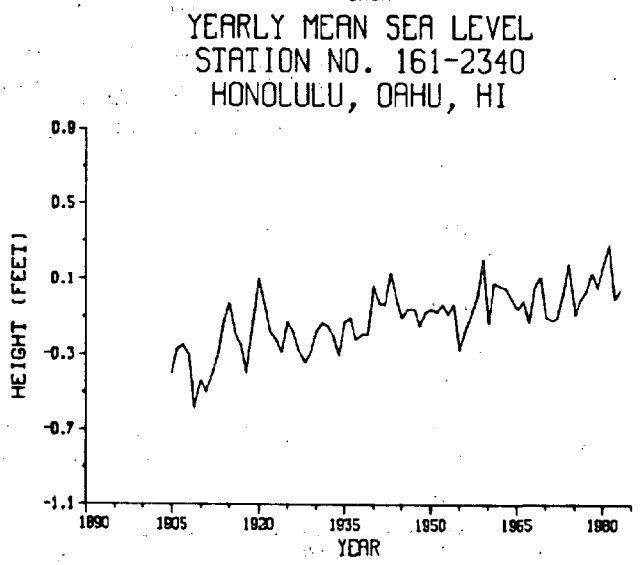

YEARLY MEAN SEA LEVEL
STATION NO. 941-9750
CRESCENT CITY, CA
1.5
1.1
0.7
0.3
-0.1
-0.5
1920
1935
1950
1965
1980
YEAR

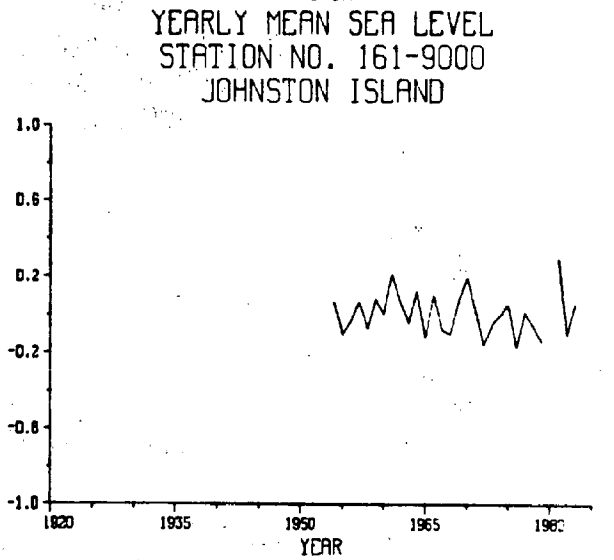

MONTHLY MEAN SEA LEVEL
STATION NO. 941-9750
CRESCENT CITY, CA
HEIGHT (FEET)
1.2
0.8
0.4
0.0
-0.4
-0.8
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

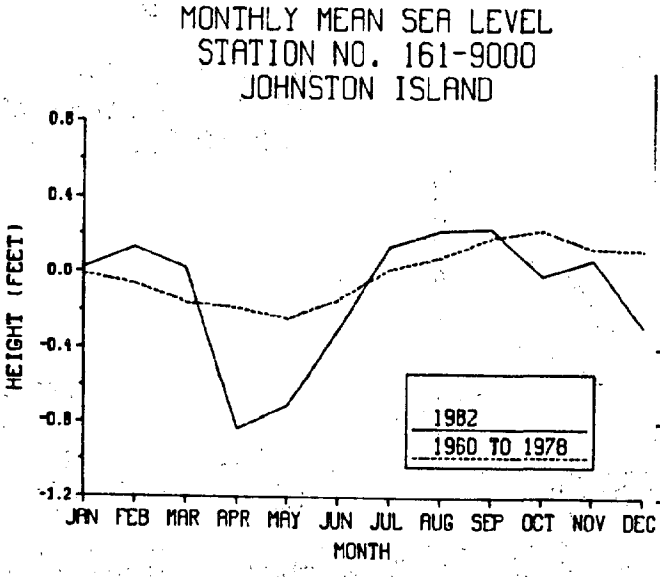

MONTHLY MEAN SEA LEVEL
STATION NO. 941-9750
CRESCENT CITY, CA
1.5
1.1
0.7
0.3
-0.1
-0.5
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

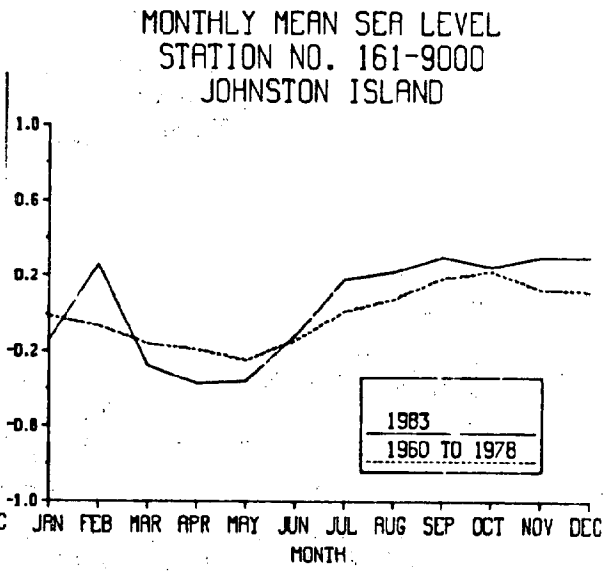

MONTHLY MEAN SEA LEVEL
STATION NO. 161-2340
HONOLULU, OAHU, HI
HEIGHT (FEET)
0.9
0.5
0.1
-0.3
-0.7
-1.1
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

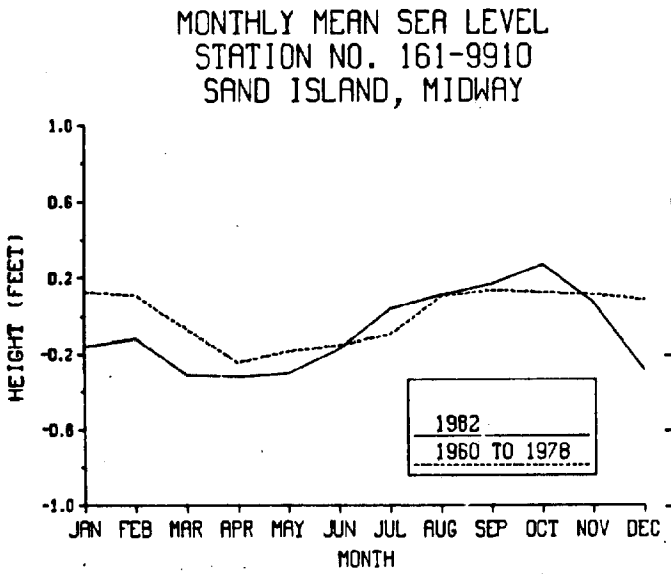

MONTHLY MEAN SEA LEVEL
STATION NO. 161-2340
HONOLULU, OAHU, HI
0.9
0.5
0.1
-0.3
-0.7
-1.1
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

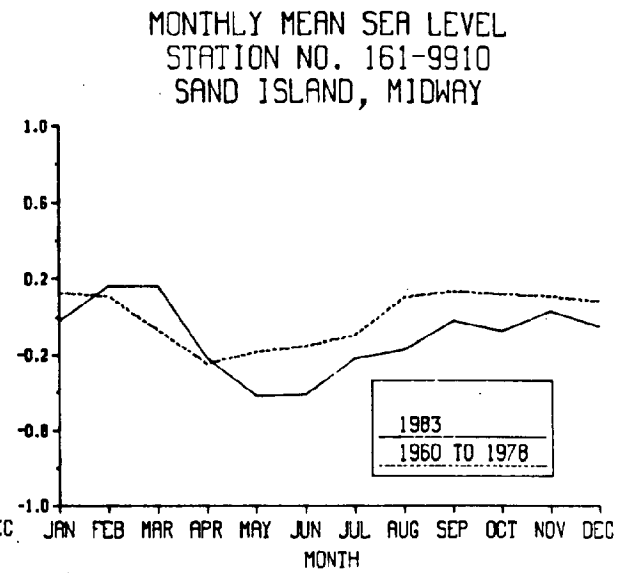

YEARLY MEAN SEA LEVEL
STATION NO. 161-2340
HONOLULU, OAHU, HI
HEIGHT (FEET)
0.9
0.5
0.1
-0.3
-0.7
-1.1
1890 1905 1920 1935 1950 1965 1980
YEAR

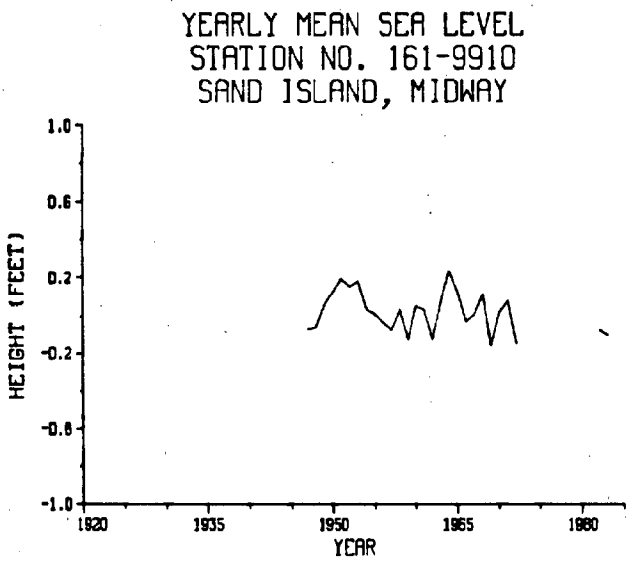

YEARLY MEAN SEA LEVEL
STATION NO. 161-9000
JOHNSTON ISLAND
1.0
0.6
0.2
-0.2
-0.6
-1.0
1920 1935 1950 1965
YEAR

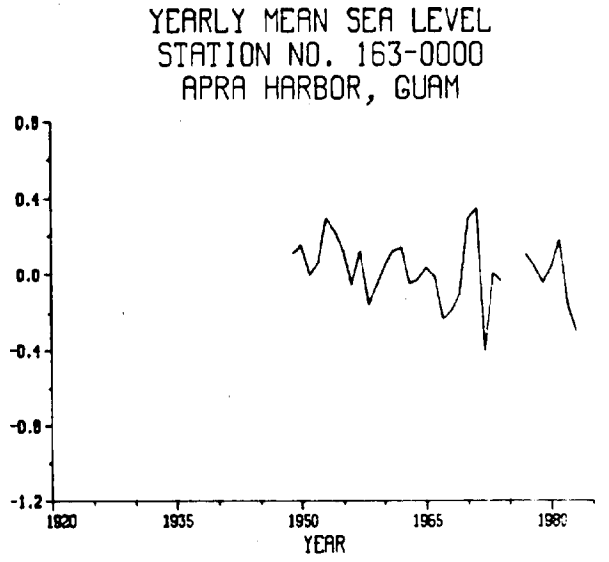

MONTHLY MEAN SEA LEVEL
STATION NO. 161-9000
JOHNSTON ISLAND
HEIGHT (FEET)
0.8
0.4
0.0
-0.4
-0.8
-1.2
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

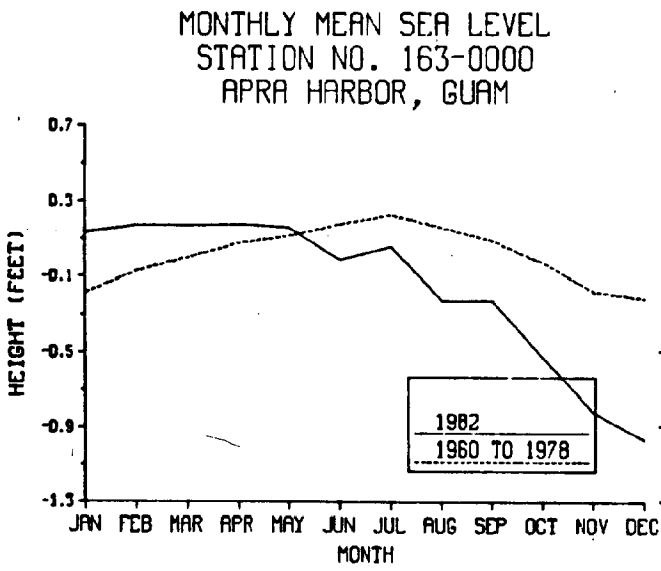

MONTHLY MEAN SEA LEVEL
STATION NO. 161-9000
JOHNSTON ISLAND
1.0
0.6
0.2
-0.2
-0.6
-1.0
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

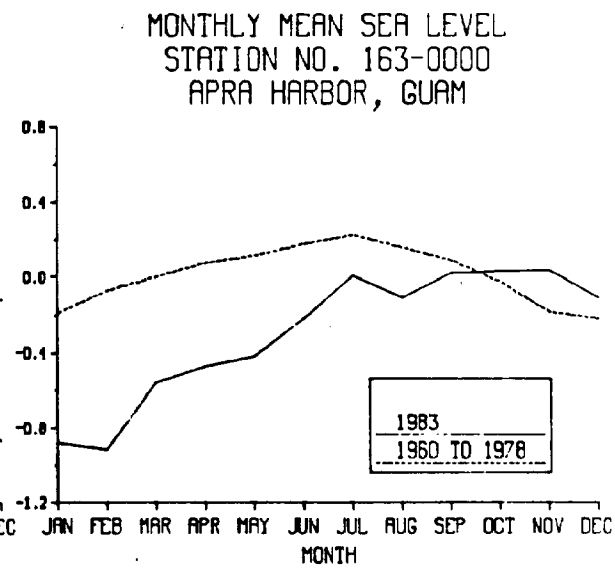

MONTHLY MEAN SEA LEVEL
STATION NO. 161-9910
SAND ISLAND, MIDWAY
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

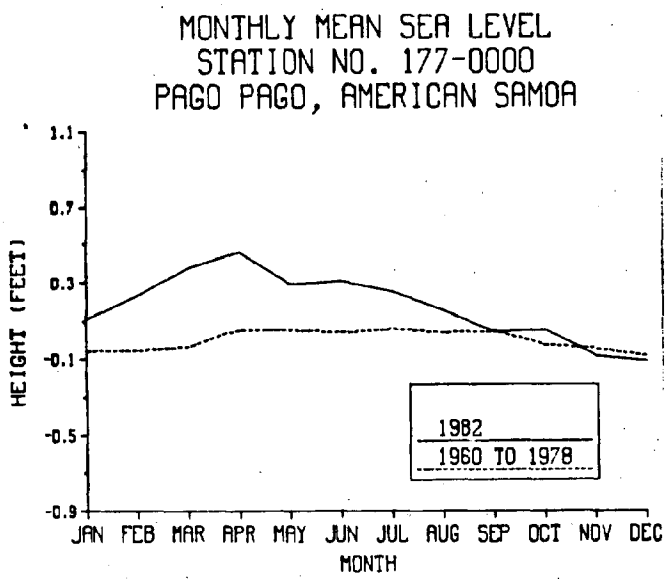

MONTHLY MEAN SEA LEVEL
STATION NO. 161-9910
SAND ISLAND, MIDWAY
1.0
0.6
0.2
-0.2
-0.6
-1.0
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

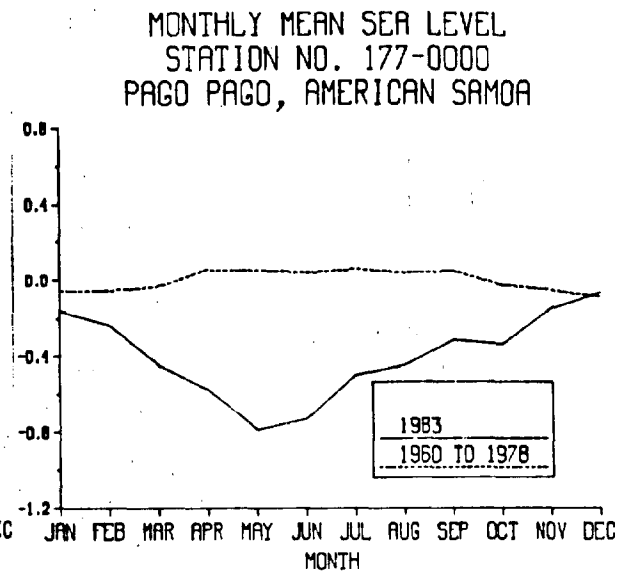

YEARLY MEAN SEA LEVEL
STATION NO. 161-9910
SAND ISLAND, MIDWAY
HEIGHT (FEET)
1.0
0.6
0.2
-0.2
-0.6
-1.0
1920
1935
1950
1965
1980
YEAR

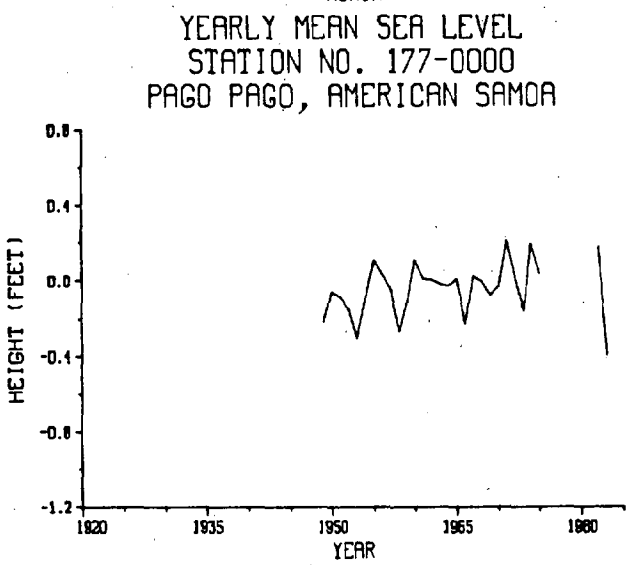

YEARLY MEAN SEA LEVEL
STATION NO. 163-0000
APRA HARBOR, GUAM
0.8
0.4
0.0
-0.4
-0.8
-1.2
1920
1935
1950
1965
1980
YEAR

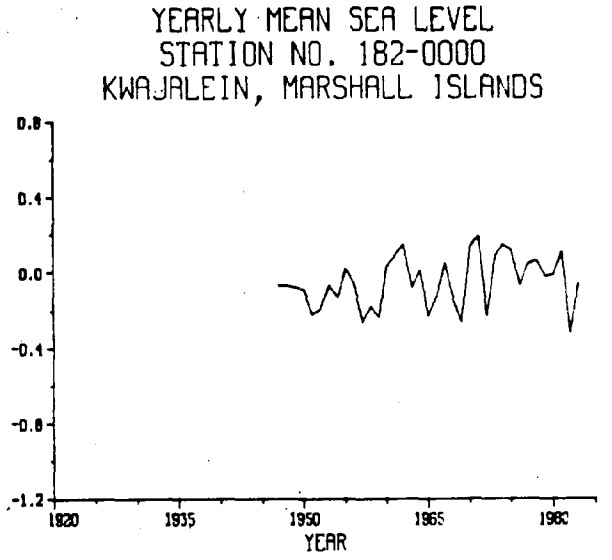

MONTHLY MEAN SEA LEVEL
STATION NO. 163-0000
APRA HARBOR, GUAM
HEIGHT (FEET)
0.7
0.3
-0.1
-0.5
-0.9
-1.3
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

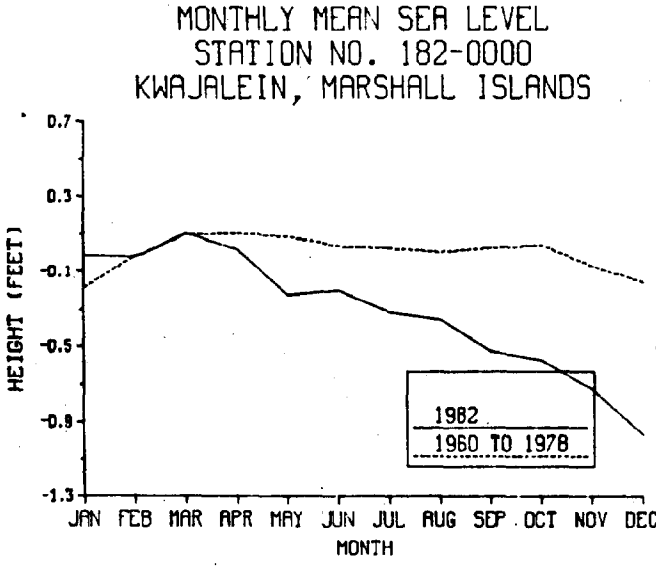

MONTHLY MEAN SEA LEVEL
STATION NO. 163-0000
APRA HARBOR, GUAM
0.8
0.4
0.0
-0.4
-0.8
-1.2
1983
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH

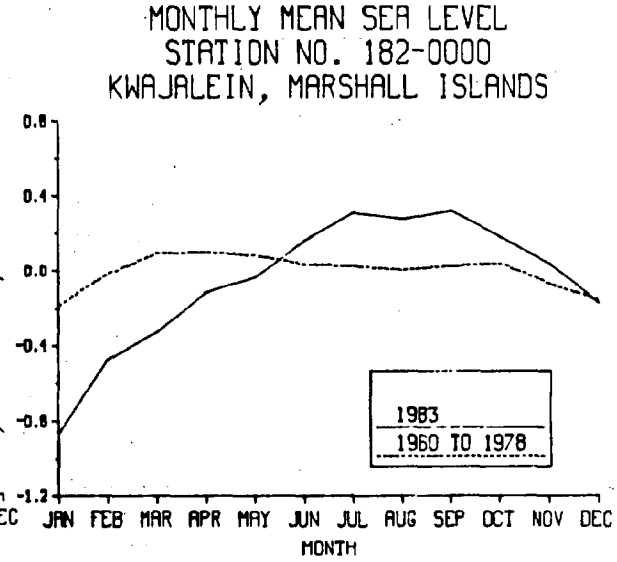

MONTHLY MEAN SEA LEVEL
STATION NO. 177-0000
PAGO PAGO, AMERICAN SAMOA
HEIGHT (FEET)
1.1
0.7
0.3
-0.1
-0.5
-0.9
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


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

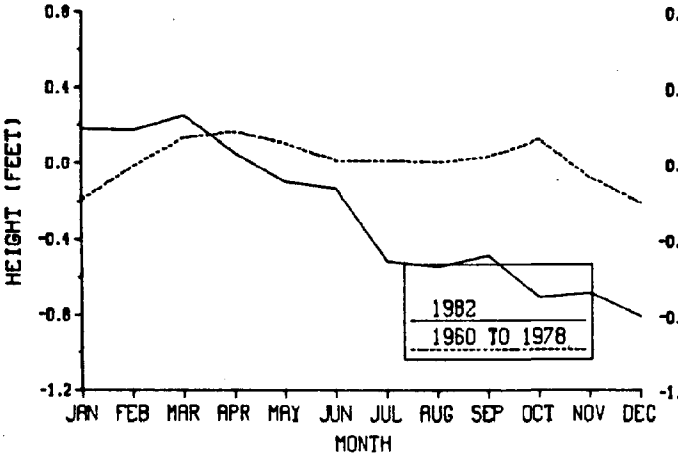

YEARLY MEAN SEA LEVEL
STATION NO. 177-0000
PAGO PAGO, AMERICAN SAMOA
HEIGHT (FEET)
0.8
0.4
0.0
-0.4
-0.8
-1.2
1920
1935
1950
1965
1980
YEAR


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

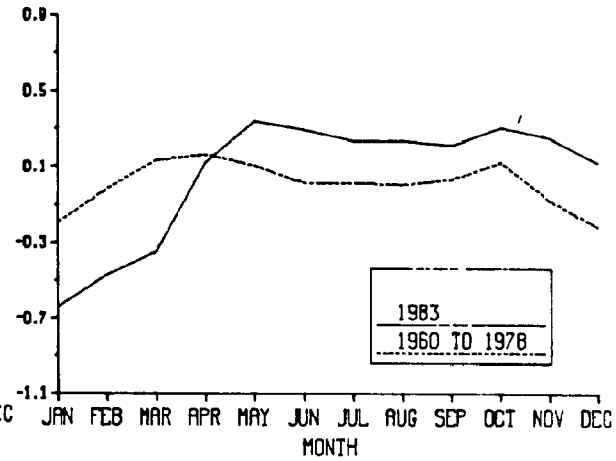

MONTHLY MEAN SEA LEVEL
STATION NO. 182-0000
KWAJALEIN, MARSHALL ISLANDS
HEIGHT (FEET)
0.7
0.3
-0.1
-0.5
-0.9
-1.3
1982
1960 TO 1978
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTH


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

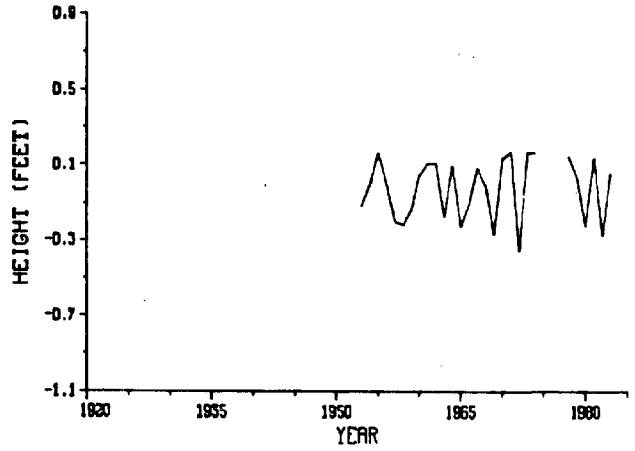
MONTHLY MEAN SEA LEVEL
STATION NO. 184-0000
TRUK ATOLL, EAST CAROLINES



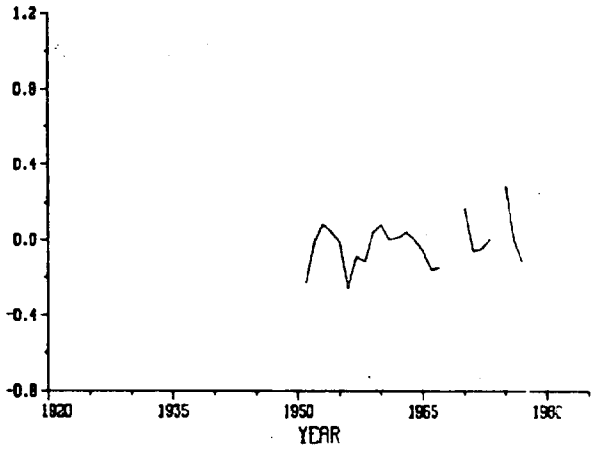

MONTHLY MEAN SEA LEVEL
STATION NO. 184-0000
TRUK ATOLL, EAST CAROLINES



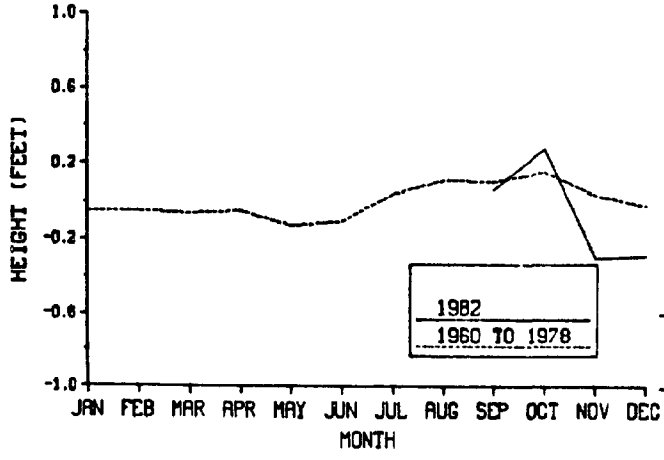

YEARLY MEAN SEA LEVEL
STATION NO. 184-0000
TRUK ATOLL, EAST CAROLINES



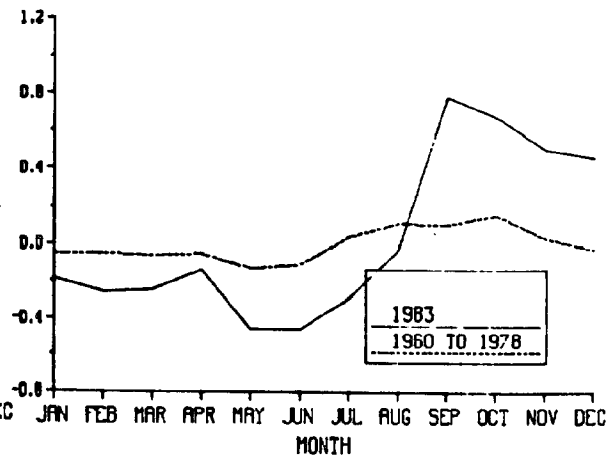

YEARLY MEAN SEA LEVEL
STATION NO. 189-0000
WAKE ISLAND




MONTHLY MEAN SEA LEVEL
STATION NO. 189-0000
WAKE ISLAND




MONTHLY MEAN SEA LEVEL
STATION NO. 189-0000
WAKE ISLAND



# 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 "0".

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 "0".

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 "0".

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 "0".

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 "0".

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 "0".

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 "0".

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 "0".

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 "0".

* 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 "0".

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 "0".

* 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 "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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 "0".

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 "0".

RUN DATE 08/19/87

STATION NO. 8575512

ANNAPOLIS,MD 38 59.ON 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 "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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 "0".

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 "0".

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 "0".

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 "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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 "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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 "0".

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 "0".

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 "0".

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 "0".

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 "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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 "0".

* 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 11.0W

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 "0".

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 "0".

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 43.0W

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 "0".

* 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. 161400
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 "0".

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 44.0N 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 "0".

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 |
| 973 | 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 "0".

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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