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Surface Water Temperatures, Salinities and Densities At Shore Stations, United States West Coast 1994

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SURFACE WATER TEMPERATURES, SALINITIES  
AND DENSITIES AT SHORE STATIONS

United States West Coast

1994

*Including five-meter temperatures,  
salinities, and densities at Scripps Pier*

P.W. Walker, C.L. Fey and D.M. Newton

SIO Reference 95-30  
October 1995

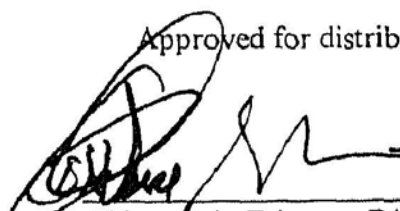
Sponsored by:

Marine Life Research Group  
Scripps Institution of Oceanography

and

The National Oceanic & Atmospheric Administration

Approved for distrib

A handwritten signature in black ink, appearing to be 'C. Fey', is written over the 'Approved for distrib' text.

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## INTRODUCTION

This report presents temperature and salinity data observed during 1994 at shoreline stations along the United States West Coast from La Jolla, California to the Strait of Juan de Fuca, Washington (see map, page 10). The data consist of daily temperature and salinity values when available, with means, ranges and standard deviations based on these observations. Densities have been calculated from the daily temperature and salinity measurements with the International Equation of State for seawater algorithms (UNESCO, 1981)<sup>1</sup> and are listed in the same format as the temperature and salinity data. The data are also shown in plots, along with a harmonic mean curve calculated from the available historical data at each location, so that one may quickly visualize how the 1994 data differ from the data of past observations.

Daily temperature values from tide gauge stations located at Neah Bay, Washington and Crescent City and Santa Monica, California are sent to Scripps Institution of Oceanography by the National Oceanic and Atmospheric Administration/National Ocean Survey (NOAA/NOS) annually (manual data collection at Port San Luis Harbor discontinued in early August, 1993). Temperature readings for these three NOAA/NOS stations, Morro Bay, San Dume and Balboa, California are recorded to 1°F. Southeast Farallon Island, Santa Barbara and La Jolla record temperature to the nearest 0.1°C from calibrated immersion thermometers supplied by Scripps. Charleston, Trinidad Bodega Bay, Santa Cruz, Pacific Grove, Granite Canyon, and Santa Catalina Island record temperatures to the nearest 0.1°C from standard thermometers, electronic digital thermometers or thermistors, and San Clemente to the nearest 0.1°F from an electronic digital thermometer. Fahrenheit readings are converted to the nearest 0.1°C. Reported temperatures are published with little attempt to screen or eliminate observer errors; occasional suspect extreme values may be noted with a "U" after the temperature to indicate that the value is believed to be uncertain.

Salinities from Trinidad Beach, Southeast Farallon Island, Granite Canyon, Balboa, San Clemente, and La Jolla are obtained from analyses of sea water samples collected in special salinity bottles supplied by Scripps. Sea water samples are forwarded to Scripps at the end of each month for salinity determination by inductive salinometer. Bodega Bay reports salinities measured by a conductivity meter. Salinities are listed to hundredths of a part per thousand. Values of maximum salinities may possibly be in error due to evaporation or contamination of the sample in the bottle. Reported salinities exceeding 34‰ may represent recently upwelled water, or they may be due to faulty sampling techniques or to loosely sealed sample bottles. Salinities less than 30‰ are due to local precipitation or fresh water runoff. All salinities higher than 34.5‰ have been omitted. A few unusual salinities are noted with a "U" after the salinity to indicate that the salinity is believed to be uncertain.

Densities are calculated for each day that has both a temperature and a salinity measurement. To omit redundant digits, the densities are listed in sigma-t units where  $\sigma\text{-}t = (\text{density} - 1.0) \times 1000$ . For example, for a density of 1.02451 g/cm<sup>3</sup>,  $\sigma\text{-}t = 24.51$ . Because of the high sensitivity of salinometer derived salinities, the computed densities are considered to be more accurate than densities derived from field hydrometer measurements. The densities have been reduced to a standard temperature (such as 15°C); they have been calculated from the observed values so as to reflect the actual conditions. Whenever either the temperature or salinity have been flagged as questionable, a "U" also appears after the sigma-t value.

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<sup>1</sup>UNESCO, 1981. Background papers and supporting data on the International Equation of State for Seawater. *UNESCO Technical Papers in Marine Science, No. 37.*

A few statistics for the data are presented below each month's column of daily observations: one-third month means, monthly means, maximum and minimum values, range, and standard deviation. For those stations with observations for every month of the year, the annual minimum, mean, and maximum are also given. This annual mean has been derived by calculating the mean of the 12 monthly means and differs very slightly from an annual mean calculated by using the individual days of the year. Data flagged with a "U" are not included in any of these computations, nor are they listed as the extremes for the month or year. The 1994 monthly and annual coastal sea-surface temperature means are summarized on page 8. In order to see how these means differ from "normal", the anomalies from the station's long-term monthly means have been calculated and are shown on the facing page. Listed below each station in this tabulation are the years used in determining the long-term mean for that location. The year's daily observations are shown on a parameter-versus-time plot. Data flagged with a "U" are not plotted. For convenience, the temperature plot shows a Celsius scale on the left side and a Fahrenheit scale on the right side. A least squares regression harmonic curve fit to all of the available daily historical data is also shown on each plot. The curves are composed of annual and semiannual harmonic components following the procedures described by Lynn (1967)<sup>2</sup> in his study of annual cycles in the California Current.

This research is made possible through the cooperation of many groups and individuals who collect samples, process data, and provide financial support. Various agencies and individuals volunteer to make daily observations which are sent to the Marine Life Research Group of Scripps Institution of Oceanography for the preparation of this data report and to update computer records of the historical shore stations database. These agencies are: National Oceanic and Atmospheric Administration/National Ocean Survey, University of California at San Diego, University of California at Davis, Humboldt State University, Stanford University, University of Oregon, Santa Catalina Island Conservancy in conjunction with the University of Southern California, California Department of Fish and Game, Point Reyes Bird Observatory, Los Angeles County, the cities of Santa Cruz, Santa Barbara, San Clemente, and Newport Beach, California, and the Pacific Gas and Electric Company. Prior to 1994, financial support for data processing was provided by the State of California through Scripps Institution of Oceanography (1916-1949), then through the Marine Life Research Group of Scripps Institution of Oceanography (1949-1993). Starting in 1989, partial support was provided by both the State of California through the Marine Life Research Group and the National Oceanic and Atmospheric Administration through the National Ocean Survey (1989-1993). More recently, support for data processing has been provided by the Joint Institute for Marine Observations (JIMO), a cooperative agreement between Scripps Institution of Oceanography and the National Oceanic and Atmospheric Administration (1993-1995).

Data from active shore stations can presently be accessed via anonymous FTP at NEMO.UCSD.EDU (132.239.114.238), and located in the directory /pub/shore. The README file contains a brief description of the Shore Stations Program and the data files available for the active stations. Historical files for the inactive stations containing both the data recorded daily and the monthly means, will be added at a later date.

A report of the Regents of the University of California, San Diego, pursuant to National Oceanic and Atmospheric Administration Award No. NA37GPO518.

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<sup>2</sup>Lynn, R.J., 1967. Seasonal variation of temperature and salinity at 10 meters in the California Current. *Calif. Coop. Oceanic Fish. Invest. Rep.*, XI:157-186.

## STATION DESCRIPTIONS

The paragraphs that follow provide information about the active stations listed in geographical order as they occur from south to north. Many of the agencies and participants who provide data for the Shore Stations Program are volunteers interested in the sea at their doorstep. It is to these people we owe the success of this long-range program, and we thank them for their help.

*La Jolla, California*  
1916-94 (Surface)  
1925-94 (Bottom)

*32°52.0'N, 117°15.5'W*

Scripps Institution of Oceanography,  
University of California, San Diego

Personnel from Scripps Stephen Birch Aquarium-Museum take daily temperature and salinity samples from the end of the Scripps pier at the sea surface and a depth of about 5 meters. The proximity of Scripps pier to the deep waters at the head of La Jolla submarine canyon results in data quite representative of oceanic conditions.

Historically, this data collection took place each morning between the hours of 0900-1200. However on September 27, 1994, the sampling time was changed to the afternoon between 1400-1630. Morning measurements were resumed again on February 23, 1995.

*San Clemente, California*  
1955, 1965-94

*33°25'N, 117°37'W*

City of San Clemente

Personnel of the Department of Marine Safety take daily temperatures and salinity samples from the San Clemente pier, and return the salinity samples to Scripps monthly. This station, which was established to take over monitoring from the old Dana Point station (1955-70), is so similar that the long record for this area is still preserved.

*Santa Catalina Island, California*  
1991-94

*33°26.8'N, 118°29.2'W*

Santa Catalina Island Conservancy  
and Wrigley Marine Science Center,  
University of Southern California

The Catalina Conservancy Divers is a support group of the Santa Catalina Island Conservancy, a private, non-profit conservation organization dedicated to the preservation of the natural heritage of Santa Catalina Island. Personnel of this group in conjunction with the Wrigley Marine Science Center maintain a Ryan thermograph in Isthmus Cove, just outside the mouth of Fisherman Cove, on the northeast side of the island. The data presented here are the daily means of these subsurface (4 M) temperatures recorded every 30 minutes.

Historically, temperature readings at Santa Catalina Island were measured manually in the surface waters at Isthmus Cove (1955-56, 1970-85) and Avalon Bay (1955-56, 1963-67). These measurements are therefore NOT comparable to the thermister data recorded at its current depth and location at the mouth of Fisherman Cove (1991-94).

*Balboa, California*  
1925-94

*33°36'N, 117°54'W*

City of Newport Beach

City lifeguards take daily temperature and salinity samples from the deeper waters surrounding the Newport Pier, which is located about two miles from the mouth of the Santa Ana River. Analysis of these salinity samples indicates that they reflect oceanic conditions except during winter storms when the salinity is strongly affected by runoff from the river.

*Santa Monica, California*  
1955-94

34°00.5'N, 118°30.0'W

NOAA/NOS

This tide-gauge station is located at the end of Santa Monica pier near the harbor master's office. Although located behind the breakwater, there is sufficient water flow to be representative of the nearshore waters.

*Point Dume, California*  
1957-94

34°01.1'N, 118°49.5'W

Los Angeles County

To reduce the effects of solar warming on the waters near the beach, water temperatures are taken in the surf early each morning by the Los Angeles County Lifeguards at Zuma Beach County Park. Temperatures at this site west of Point Dume, are therefore thought to be representative of the nearshore waters.

*Santa Barbara, California*  
1955-94

34°24.2'N, 119°41.6'W

City of Santa Barbara

Each morning, Santa Barbara Harbor Patrol personnel record the surface water temperature from their boat dock at the west end of the harbor. The harbor enjoys good tidal circulation and the sample is taken before the sun can exert a warming effect, so these temperatures should be representative of the coastal waters.

*Morro Bay, California*  
1962-94

35°22.3'N, 120°51.2'W

Pacific Gas & Electric Co.

As a part of daily operations, PG&E Morro Bay power plant personnel record the temperature of the cooling water for their generators. The plant's water intake structure, which is located near the entrance at the northern end of the bay, draws waters from 6.3 M below mean sea level. Historically, the data sent to Scripps reflected the 0800 temperature. However, around 1987, plant personnel began combining the 0200, 1000 and 1800 hour readings into an average daily temperature.

Encompassing approximately 2300 acres, Morro Bay consists primarily of intertidal mud flats traversed by a navigable channel 4 to 7.5 M deep which runs from the entrance in southern Estero Bay to White Point. Due to the shallow nature of the bay, reported temperatures may be affected by the warmer back bay waters drawn into the intake during outgoing tides.

*Granite Canyon, California*  
1971-94

36°25.9'N, 121°55'W

Marine Pollution Studies Laboratory  
California Department of Fish and Game

Personnel of the Marine Pollution Studies Laboratory take daily temperature and salinity samples off the rocks near the water intake for the laboratory, and return the salinity samples to Scripps once a month for analysis. This sampling site, approximately 5 miles south of the old Point Lobos South location (1956-1979), is considered to be a good representative of the spring-summer upwelling that is typical of the central California coast.

*Pacific Grove, California*  
1919-39, 41-75, 77-94

36°37.3'N, 121°54.2'W

Hopkins Marine Station,  
Stanford University

Hopkins Marine Station personnel take daily temperature measurements from a beach on the north side of Point Cabrillo just north of their main laboratory buildings. Exposed to the northwest swell as it sweeps past Point Pinos, this location is representative of coastal conditions on the south side of Monterey Bay.

*Santa Cruz, California*  
1955-71, 80-94

36°57.5'N, 122°01.0'W

City of Santa Cruz

Each morning at the Santa Cruz Municipal Wharf, temperatures are read on a buoy-gauge thermistor unit installed and maintained in a protective pipe on a pier piling 5.2 M below average tide.

*Farallon Islands, California*  
1925-43, 55-94

37°41.8'N, 122°59.9'W

Point Reyes Bird Observatory

The Farallon Islands, seven rocky islands comprising the Farallon Islands National Wildlife Refuge, are the breeding grounds for more than one-quarter of all California seabirds and home to populations of seals and sea lions. The largest seabird colony south of Alaska, this critical habitat provides protection for 12 different species, numbering more than 200,000 individuals. As a small part of their ongoing scientific studies, research personnel stationed on Southeast Farallon take daily temperature and salinity samples and return the salinity samples to Scripps once a month for analysis. Because of their location 26 miles west of the Golden Gate Bridge, where they catch the full force of winter storms and the strong summer northwesterly winds, data collection can be interrupted from time to time. The sampling site at the boat landing on the southeast side of the island is steep and rocky, so measurements are representative of the oceanic waters around the islands.

*Bodega Bay, California*  
1957-94

38°19.0'N, 123°04.3'W

Bodega Marine Laboratory,  
University of California, Davis

In the latter part of 1989, the Marine Biological Laboratory located at Horseshoe Cove switched from manual sampling to an automated meteorological and oceanographic monitoring system. Installed at the same site, this system records temperature and salinity at the aquarium's water system intake located in a deep rocky channel on the northern headland of the cove. The manual and automated data sets overlapped in 1990 with good agreement, so the manual collections of samples subsequently ceased in 1991. The temperature and salinity values presented are, for the most part, the 0815 data point, and since the water is deep and the headland steep and rocky, these values are representative of the coastal water.

*Trinidad Beach, California*  
1975-94  
*and Trinidad Bay, California*

41°03.6'N, 124°08.9'W

41°03.3'N, 124°08.8'W

Telonicher Marine Laboratory,  
Humboldt State University

Humboldt State University operates a marine laboratory on the rocky headland between the ocean and Trinidad Bay. Bay temperatures are taken from the fishing pier on the lee or southeast side of the headland. Ocean temperatures and salinity samples are taken from the beach on the northwest side, and returned to Scripps once a month for analysis. Except during periods of heavy runoff, salinity values from the coast and the bay are so similar that salinity samples are collected from the beach only.

*Crescent City, California*  
1955-94

41°44.7'N, 124°11.8'W

NOAA/NOS

This tide gauge station is located on the end of the Coast Guard Pier in Crescent City harbor. Temperatures at this site inside the harbor and the water on the beach outside the small entrance formed by two breakwaters, are nearly the same.

*Charleston, Oregon*  
1966-94

43°20.7'N, 124°19.3'W

Oregon Institute of Marine Biology,  
University of Oregon

Coos Bay, the second largest bay on the Oregon coast, encompasses over 12,000 acres which are divided almost evenly between tidelands and submerged lands. The OIMB pier is located less than a mile from the mouth of the bay, which is protected by jetties to both the north and the south. The bay itself is comprised of eleven tidal inlets, including the South Slough National Estuarine Research Reserve, a significant source of freshwater runoff, less than a mile above the pier. Because of this, personnel collect daily temperatures at high tide in order to minimize the effects of the estuarine environment.

*Neah Bay, Washington*  
1955-94

48°22.1'N, 124°37.0'W

NOAA/NOS

This tide gauge station is located near Cape Flattery at the entrance to the Strait of Juan de Fuca.



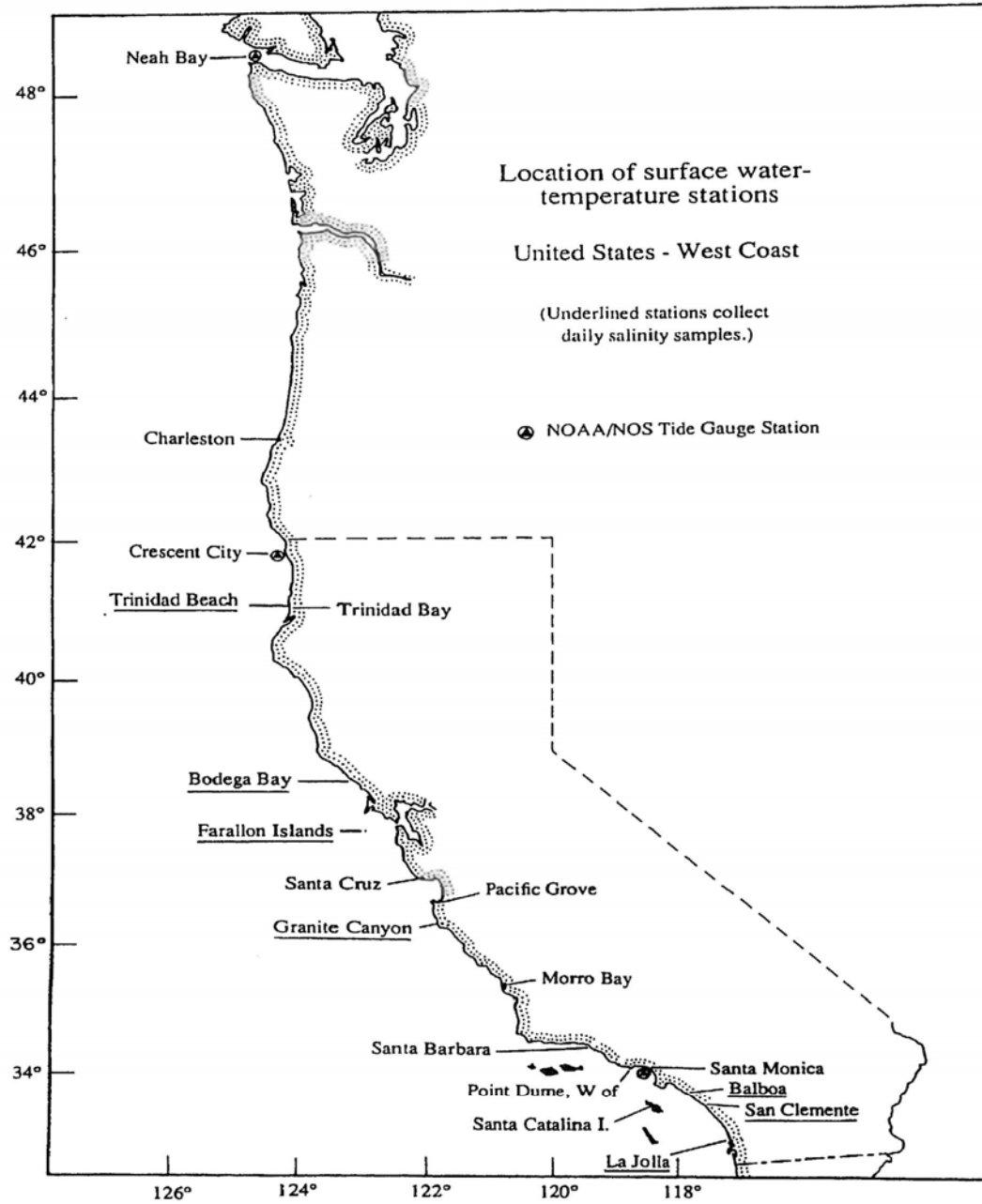
1994 COASTAL SEA-SURFACE TEMPERATURE  
MONTHLY AND YEARLY MEANS

Location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
La Jolla	15.43	14.93	16.06	16.76	17.32	19.83	21.49	22.25	21.19	19.67	16.10	14.92	18.00
San Clemente	15.23	14.63	15.97	16.01	16.88	19.27	20.22	22.15	20.69	18.44	15.55	14.75	17.48
Balboa	15.05	15.06	15.86	16.05	16.64	19.01	19.06	21.37	20.07	18.38	14.94	13.72	17.10
Santa Monica	15.21	14.76	16.00	15.79	17.06	20.25	19.19	22.29	21.25	18.71	15.10	14.42	17.50
Point Dume	14.72	14.23	14.95	14.30	14.55	17.26	17.07	20.52	18.97	18.08	14.80	14.38	16.15
Santa Barbara	14.48	14.00	15.73	14.88	15.45	18.21	16.81	20.33	19.10	17.44	14.84	13.49	16.23
Morro Bay	11.48	10.65	10.69	10.68	9.93	12.64	12.03	12.45	11.93	13.72	12.68	12.08	11.75
Granite Canyon	13.20	13.05	11.95	10.01	10.19	9.83	11.71	11.84	13.12	13.55	12.14	12.20	11.90
Pacific Grove	12.28	12.32	14.14	13.90	13.70	13.71	13.29	13.19	13.55	13.93	11.57	11.23	13.07
Santa Cruz	12.81	12.65	13.06	12.83	12.90	13.60	14.44	15.48	15.01	14.51	12.29	11.79	13.45
Farallon Islands	12.88	12.80	13.22	11.71	11.22	11.43	11.65	12.89	13.43	13.48	11.83	11.65	12.35
Bodega Bay	12.05	12.19	12.34	10.66	10.43	10.27	12.37	11.77	12.82	13.39	11.16	10.74	11.68
Trinidad Beach	12.41	11.72	12.74	12.19	12.75	13.65			13.55	12.42	10.89	10.80	
Crescent City	11.54	10.80	11.95	12.12	12.55	13.14	14.70	15.42	15.64	13.20		9.90	
Charleston	11.09	10.42	10.89	11.46	12.53	12.86	11.47	13.85	12.70	11.52	11.02	9.72	11.63
Neah Bay	9.56	8.34	9.54	10.74	12.02	13.22	12.67	13.25	12.42	10.84	9.50	8.49	10.88

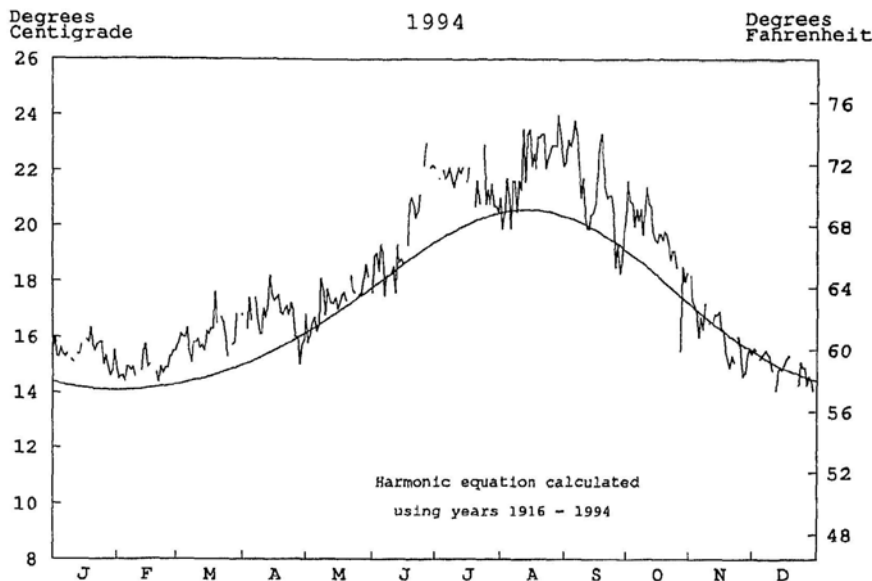
1994 COASTAL SEA-SURFACE TEMPERATURE  
MONTHLY AND YEARLY ANOMALIES

Location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
La Jolla 1916-94	1.30	0.84	1.48	1.19	0.30	1.37	1.52	1.45	1.71	1.54	-0.24	0.01	1.03
San Clemente* 1955-94	1.25	0.41	1.42	0.43	0.20	1.18	0.77	2.12	1.33	0.08	-0.83	0.15	0.73
Balboa 1925-94	0.92	0.96	1.46	0.93	0.43	1.40	0.40	2.07	1.46	0.47	-1.38	-1.25	0.65
Santa Monica 1946-94	1.17	0.53	1.44	0.58	0.76	2.27	-0.33	2.01	1.60	0.44	-1.07	-0.24	0.73
Point Dume 1957-94	0.67	0.35	0.98	-0.03	-0.27	1.00	-0.50	1.92	0.78	0.55	-1.30	-0.29	0.31
Santa Barbara 1955-94	0.95	0.19	1.59	0.21	0.02	1.29	-0.79	1.97	0.73	-0.20	-0.94	-0.59	0.37
Morro Bay 1962-94	-0.84	-1.70	-1.50	-1.49	-2.71	-0.91	-2.20	-2.29	-2.50	-0.49	-0.82	-0.58	-1.50
Granite Canyon 1971-94	0.71	0.84	0.52	-0.47	-0.17	-1.02	0.04	-0.77	0.21	0.41	-0.73	-0.44	(-0.12)
Pacific Grove 1919-94	0.37	0.21	1.78	1.36	0.92	0.23	-0.64	-0.97	-0.80	0.04	-1.40	-1.12	0.02
Santa Cruz 1955-71, 80-94	0.88	0.44	0.63	0.35	-0.11	-0.31	-0.45	0.01	-0.29	-0.06	-0.89	-0.46	-0.07
Farallon Islands 1925-43, 55-94	1.01	0.91	1.48	0.38	-0.07	-0.24	-0.58	-0.12	-0.21	-0.09	-1.07	-0.59	0.11
Bodega Bay 1957-94	0.95	0.86	1.28	0.27	0.23	-0.57	0.83	-0.45	0.11	0.63	-1.17	-0.78	0.21
Trinidad Beach 1975-94	1.54	0.86	1.14	1.11	1.59	2.04			0.97	0.09	-0.86	-0.32	
Crescent City 1933-94	1.49	0.35	1.03	0.88	0.56	0.08	0.52	0.38	1.48	0.37		-0.48	
Charleston 1966-94	1.25	0.43	0.36	0.54	0.89	0.51	-1.03	1.52	0.28	-0.02	-0.34	-0.60	(0.38)
Neah Bay 1935-94	2.15	0.79	1.22	1.30	1.22	1.52	0.74	1.36	0.87	0.16	-0.01	0.41	1.02

\* Recent data combined with older nearby records for historical means.  
( ) Historical mean of less than 30 years.

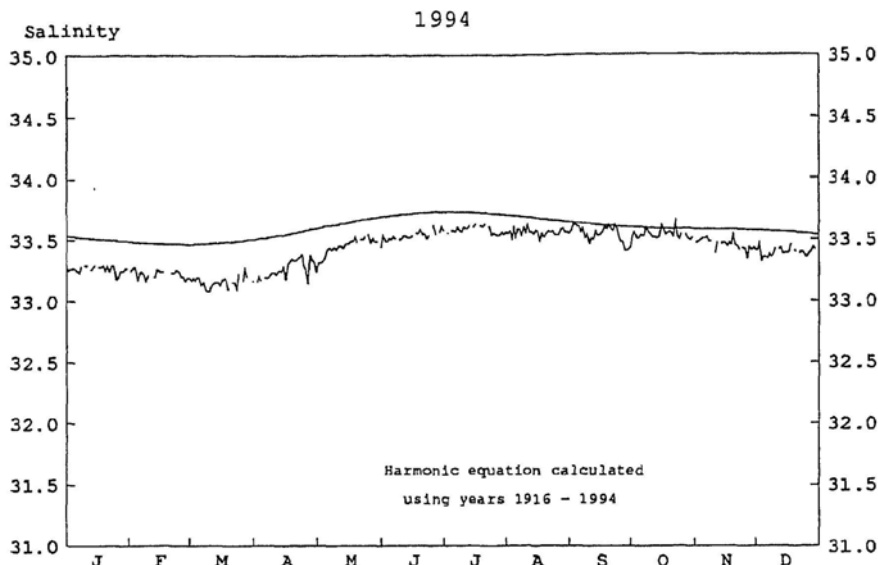


# SIO (Surface) La Jolla, CA



DAYS	YEAR 1994												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1	15.5	14.5	15.8		15.8	18.9		19.9	22.3	21.6	18.2	15.6	
2	16.0	14.6	16.1	16.3	16.1	19.0		20.5	23.1	20.9	17.3	15.5	
3	15.3	14.6	16.0	17.4	16.5	19.4	21.7	20.7	22.9	20.8	17.1		
4	15.3	14.4	16.0	16.6	16.7	19.3	22.0	21.1	23.2	20.0	16.8	15.2	
5	15.6	14.9	16.3		16.2	19.1	21.7	19.9	23.8	20.6	16.0	15.3	
6	15.4	14.9	15.5	17.4	16.4	17.5	21.8	21.6	23.3	20.2	16.7	15.4	
7	15.3	14.8	15.1	16.6	18.1	18.2	22.1	21.6	22.2	20.6	16.3	15.1	
8	15.4	14.9	15.8	16.1	17.7		21.7	20.5	21.0	19.7	17.2	15.4	
9		14.6	15.8	16.2	16.8	18.3	21.4	21.6	21.7	20.8		15.3	
10	15.2		15.9	17.0	17.7	18.5	21.8	21.3	20.4	21.4	16.5	14.8	
11	15.1		15.6	16.7	17.4	17.6	22.1	23.5	19.9	20.8			
12		14.8	15.7	17.1	17.2	19.3	21.9	21.6	19.9	20.7	16.5	14.1	
13	15.4	15.5	15.5	18.2	17.2	18.7	22.1	23.3	20.4	19.8	16.8	14.8	
14	15.4	15.7	16.2	17.5	17.4	18.8		23.5	20.5	19.5	16.8	14.9	
15	15.7	14.9	16.1	17.3	17.0	18.6	21.6	22.2	20.8	19.4	16.9	14.8	
16		15.0	16.3	17.4	17.2		22.1	22.6	21.8	19.7	16.3	15.0	
17	15.9		16.3	17.5	17.5	19.3		22.1	23.0	19.7	16.2	15.2	
18	15.8		17.6	16.9	17.6	20.8		22.1	23.3	19.5	16.5	15.3	
19	16.3	14.7	16.5	16.8	17.3	21.0	20.7	23.2	22.4	19.8	15.2		
20	15.7	14.4	16.7	17.0		20.7	21.6	23.3	21.4	19.7	14.9		
21	15.5	14.9	16.7	17.1	18.2	20.3	20.8	23.3	21.0	19.3	15.3		
22	15.7	14.7	16.5	16.8	17.7	20.5		22.1	21.1	18.8	15.1	14.3	
23	15.8	14.9	16.0	17.2	17.6	21.1	22.9	22.4	21.1	19.1	16.0	15.1	
24	15.8	14.9	15.3	17.0		20.8	22.6	22.6	20.5	19.1	16.0	14.9	
25	15.0	15.3		16.0	17.5	22.2	21.3	22.9	18.5	18.5	15.5	14.9	
26	15.3	15.3	15.7	16.0	17.6	23.0	20.8	22.9	19.3		14.6	14.3	
27	14.9	15.5	15.8	15.0	18.1	21.5	22.9	22.9	18.3	15.5	14.7	14.6	
28	14.6	15.5	16.8	15.7	18.6	22.1	20.7	24.0	18.7	18.5	15.3	14.4	
29	14.8			15.9	18.2	22.2	20.7	23.5	19.8	18.0	15.6	14.1	
30	15.5			16.8		22.1	20.5	22.8	20.2	18.3	15.4		
31	14.8		16.8		17.6		21.0	22.2				14.3	
1-10 MEANS	15.44	14.69	15.83	16.69	16.80	18.58	21.77	20.97	22.39	20.66	16.90	15.33	
SAMPLE SIZE	9	9	10	8	10	9	8	10	10	10	9	9	
11-20 MEANS	15.66	15.00	16.20	17.24	17.31	19.42	21.73	22.85	21.34	19.86	16.12	14.87	
SAMPLE SIZE	8	7	9	10	9	9	7	10	10	10	9	7	
21-31 MEANS	15.25	15.13	16.20	16.35	17.90	21.69	21.10	22.87	19.85	18.34	15.28	14.54	
SAMPLE SIZE	11	8	8	10	9	8	10	11	10	9	9	9	
MONTHLY MEANS	15.43	14.93	16.06	16.76	17.32	19.83	21.49	22.25	21.19	19.67	16.10	14.92	
SAMPLE SIZE	28	24	27	28	28	26	25	31	30	29	27	25	
MAXIMUM VALUE	16.3	15.7	17.6	18.2	18.6	23.0	22.9	24.0	23.8	21.6	18.2	15.6	
MINIMUM VALUE	14.6	14.4	15.1	15.0	15.8	17.5	20.5	19.9	18.3	15.5	14.6	14.1	
RANGE	1.7	1.3	2.5	3.2	2.8	5.5	2.4	4.1	5.5	6.1	3.6	1.5	
STANDARD DEV.	0.39	0.37	0.53	0.68	0.68	1.59	0.61	1.10	1.53	1.22	0.90	0.46	
ANNUAL MIN	14.1		ANNUAL MEAN				18.00				ANNUAL MAX		24.0

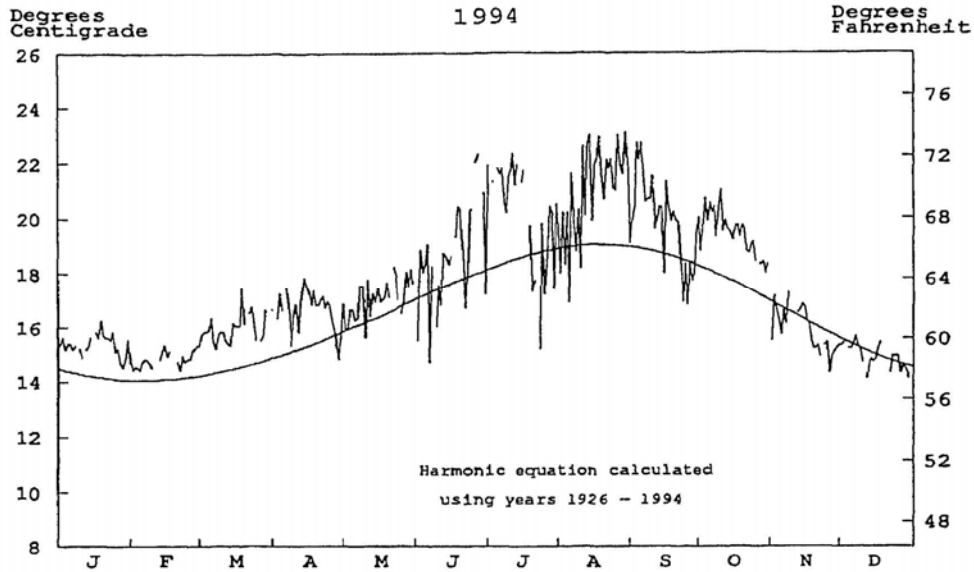
# SIO (Surface) La Jolla, CA



DAYS	SCRIPPS PIER			SURFACE SALINITY							YEAR 1994	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.27	33.25	33.17		33.31	33.54		33.55	33.57	33.53	33.47	33.41
2	33.26	33.27	33.19	33.16	33.31	33.49	33.55	33.57	33.63	33.56	33.48	33.47
3	33.26	33.28	33.17	33.20	33.32	33.48		33.50	33.62	33.51	33.50	33.42
4	33.27	33.17	33.19	33.17	33.35	33.51	33.57	33.60	33.61	33.51	33.51	33.36
5	33.26	33.23	33.19		33.41	33.50	33.57	33.51	33.60	33.53	33.51	33.35
6	33.25	33.24	33.13	33.19	33.43	33.53	33.56	33.58	33.56	33.53	33.52	33.34
7	33.23	33.22	33.15	33.19	33.41	33.51	33.60	33.58	33.59	33.53	33.48	33.38
8	33.28	33.16	33.09	33.21	33.44		33.57	33.53	33.51	33.60	33.48	33.35
9		33.21	33.08	33.23	33.42	33.50	33.56	33.60	33.54	33.56		33.37
10	33.29		33.08	33.23	33.45	33.51	33.60	33.55	33.46	33.56	33.39	33.42
11	33.29		33.12	33.21	33.45	33.53	33.59	33.62	33.51	33.52	33.47	
12		33.20	33.14	33.24	33.43	33.53	33.59	33.56	33.50	33.52		33.42
13	33.26	33.26	33.15	33.24	33.46	33.52	33.61	33.56	33.57	33.51	33.46	33.43
14	33.28	33.25	33.15	33.28	33.47	33.52		33.54	33.53	33.52	33.47	33.38
15	33.29	33.24	33.12	33.18	33.48	33.53	33.60	33.57	33.54	33.62	33.46	33.39
16		33.24	33.17	33.30	33.49		33.62	33.56	33.56	33.58	33.44	33.39
17	33.28		33.18	33.32	33.49	33.55		33.49	33.60	33.54		33.39
18	33.28		33.17	33.34	33.53	33.55		33.55	33.58	33.55	33.45	33.45
19	33.29		33.13	33.33	33.48	33.58	33.61	33.52	33.62	33.56	33.54	
20	33.25	33.23	33.09	33.33		33.54	33.60	33.55	33.59	33.55	33.45	33.40
21	33.29	33.23	33.15	33.35	33.50	33.55	33.62	33.57	33.57	33.52	33.44	
22	33.24	33.25	33.15	33.36	33.50	33.51		33.56	33.62	33.66	33.41	33.39
23	33.29	33.24	33.09	33.38	33.52	33.53		33.57	33.59	33.53		33.40
24	33.29	33.20	33.22	33.29		33.54	33.54	33.52	33.50		33.42	33.38
25	33.18	33.20		33.26	33.54	33.61	33.55	33.54	33.48	33.54	33.42	33.35
26	33.19	33.16	33.17	33.14	33.47	33.54	33.54	33.54	33.48		33.34	33.38
27	33.24	33.19	33.27	33.37	33.51		33.53	33.58	33.41	33.54	33.44	33.40
28	33.24	33.19	33.20	33.33	33.48	33.56	33.54	33.59	33.41	33.50	33.41	33.44
29	33.26			33.32	33.48	33.61	33.56	33.56	33.42	33.49	33.43	33.42
30	33.27			33.24		33.57	33.54	33.56	33.44	33.51	33.41	
31			33.16		33.44		33.56	33.55				33.43
1-10 MEANS	33.26	33.23	33.14	33.20	33.39	33.51	33.57	33.56	33.57	33.54	33.48	33.38
SAMPLE SIZE	9	9	10	8	10	9	8	10	10	10	9	10
11-20 MEANS	33.28	33.24	33.14	33.28	33.48	33.54	33.60	33.55	33.56	33.55	33.47	33.41
SAMPLE SIZE	8	6	9	10	9	9	7	10	10	10	9	8
21-31 MEANS	33.25	33.21	33.18	33.30	33.49	33.56	33.56	33.56	33.49	33.53	33.41	33.40
SAMPLE SIZE	10	8	8	10	9	8	10	11	10	9	9	9
MONTHLY MEANS	33.26	33.22	33.15	33.26	33.45	33.53	33.58	33.56	33.54	33.54	33.45	33.39
SAMPLE SIZE	27	23	27	28	28	26	25	31	30	29	27	27
MAXIMUM VALDE	33.29	33.28	33.27	33.38	33.54	33.61	33.62	33.62	33.63	33.66	33.54	33.47
MINIMUM VALDE	33.18	33.16	33.08	33.14	33.31	33.48	33.53	33.49	33.41	33.49	33.34	33.32
RANGE	0.11	0.12	0.19	0.24	0.23	0.13	0.09	0.13	0.22	0.17	0.20	0.15
STANDARD DEV.	0.03	0.04	0.04	0.07	0.06	0.03	0.03	0.03	0.07	0.04	0.04	0.04
ANNUAL MIN	33.08			ANNUAL MEAN				12	ANNUAL MAX			33.66

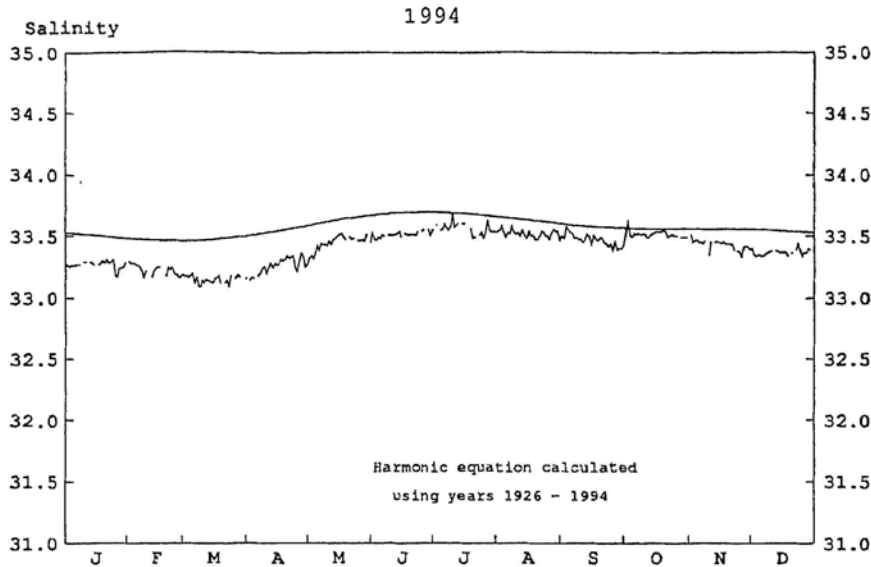


# SIO (Bottom) La Jolla, CA



DAYS	YEAR 1994											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.3	14.4	15.7		15.9	15.5		18.0	19.9	18.8	15.5	15.3
2	15.4	14.5	15.8	16.3	15.9	15.8	21.3	20.2	20.4	19.5	17.1	15.4
3	15.6	14.4	15.8	17.2	16.6	18.0		21.8	18.3	22.7	20.7	16.6
4	15.4	14.4	15.9	16.6	16.6	18.3		21.6	20.2	22.1	19.9	16.2
5	15.4	14.7	16.3		16.2	19.0		21.6	16.9	22.7	20.5	15.7
6	15.4	14.8	15.3	17.4	15.3	14.7		21.8	21.6	21.8	20.2	16.6
7	15.2	14.8	15.2	16.5	17.5	18.2		20.6	19.9	20.6	20.4	16.3
8	15.2	14.7	15.3	15.3	17.5	18.2		20.2	18.8	20.7	19.3	15.3
9	14.5	14.5	15.8	16.4	15.6	16.0		21.5	20.3	20.7	20.4	15.2
10	15.2		15.8	16.8	17.7	17.5		21.7	18.2	21.5	21.0	16.5
11	14.9		15.4	15.8	17.0	17.5		22.3	22.6	19.5		14.7
12		14.8	15.4	17.0	16.4	16.7		21.2	20.1	20.0	19.9	16.5
13	15.2	15.1	15.3	17.8	16.9	18.6		21.9	22.7	20.4	19.6	14.7
14	15.3	15.3	16.1	17.5	17.4	18.3		21.3	23.0	20.4	19.5	14.8
15	15.3	14.9	16.0	17.2	16.9	18.6		21.3	19.9	18.0	19.2	16.7
16	15.6	15.1	16.0	16.8	17.0			21.7	21.9	21.3	19.7	16.2
17	15.8		16.0	17.3	17.1	19.3			22.1	20.4	19.7	14.1
18	15.6		17.4	16.8	17.5	20.4			22.9	20.4	18.8	14.8
19	16.2	14.4	16.1	16.8	17.5	20.3		19.7	22.9	19.9	19.3	15.5
20	15.7	14.4	16.7	17.0	17.1	20.3		17.3	21.5	20.9	19.7	15.2
21	15.6	14.9	16.5	17.1	16.2	16.7		17.7	22.1	19.8	18.8	14.9
22	15.5	14.8	16.7	16.9	17.0	20.3			21.8	18.8	19.7	15.2
23	15.5	14.8	15.5	16.8					22.1	16.9	19.0	14.3
24	15.8	14.8	15.5	16.8					21.1	18.3	19.1	14.9
25	15.7	15.1	15.2	16.3	16.5	22.0			17.2	21.0	16.8	14.9
26	15.7	15.2	15.5	16.9	16.9	22.3			18.5	23.0	16.8	14.3
27	14.7	15.3	15.7	15.3	18.0				20.4	21.9	17.7	14.6
28	14.5	15.3	16.6	14.8	17.5	20.9			20.2	21.6	18.0	14.4
29	14.9		15.8	15.8	18.1	17.2			17.4	23.1	19.4	14.1
30	15.5		16.8		17.6	21.9			20.5	21.9	18.3	
31	14.7		16.6						19.8	19.1		14.3
1-10 MEANS	15.33	14.59	15.75	16.56	16.58	17.33	21.31	19.24	21.31	20.07	16.39	15.26
SAMPLE SIZE	9	9	10	8	10	9	8	10	10	10	9	9
11-20 MEANS	15.54	14.90	15.98	17.00	17.07	18.83	20.77	21.74	20.01	19.57	16.09	14.81
SAMPLE SIZE	8	7	9	10	9	9	7	10	10	10	9	7
21-31 MEANS	15.19	15.01	16.14	16.24	17.52	19.96	18.67	21.70	18.35	18.56	15.08	14.52
SAMPLE SIZE	11	8	8	10	9	8	10	11	10	9	9	9
MONTHLY MEANS	15.34	14.82	15.94	16.60	17.04	18.66	20.10	20.92	19.89	19.43	15.85	14.87
SAMPLE SIZE	28	24	27	28	28	26	25	31	30	29	27	25
MAXIMUM VALUE	16.2	15.3	17.4	17.8	18.2	22.3	22.3	23.1	22.7	21.0	17.2	15.6
MINIMUM VALUE	14.5	14.4	15.2	14.8	15.6	14.7	15.2	16.9	16.8	18.0	14.3	14.1
RANGE	1.7	0.9	2.2	3.0	2.6	7.6	7.1	6.2	5.9	3.0	2.9	1.5
STANDARD DEV.	0.37	0.29	0.49	0.71	0.70	1.93	1.87	1.67	1.56	0.78	0.77	0.44
ANNUAL MIN	14.1		ANNUAL MEAN				17.46	ANNUAL MAX				23.1

# SIO (Bottom) La Jolla, CA

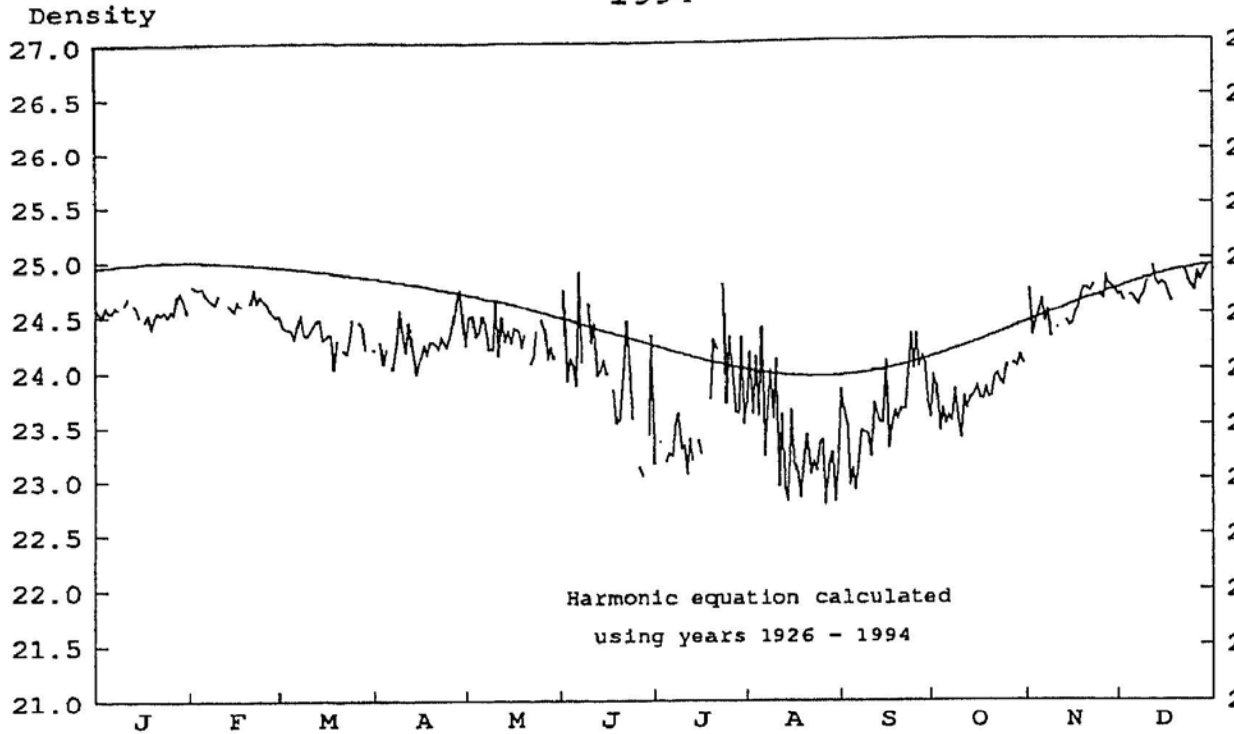


DAYS	SCRIPPS PIER											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.27	33.29	33.18		33.32	33.53		33.54	33.50	33.52	33.51	33.40
2	33.26	33.28	33.18	33.15	33.34	33.47	33.59	33.55	33.48	33.63	33.45	33.35
3	33.25	33.28	33.17	33.17	33.31	33.46		33.59	33.58	33.51	33.47	33.34
4	33.26	33.27	33.18	33.16	33.36	33.49	33.55	33.53	33.56	33.49	33.47	33.35
5	33.26	33.26	33.20		33.42	33.48	33.56	33.49	33.53	33.52	33.45	33.34
6	33.26	33.25	33.12	33.18	33.38	33.51	33.60	33.53	33.52	33.51	33.45	33.34
7	33.27	33.22	33.17	33.21	33.44	33.50	33.57	33.52	33.48	33.52	33.44	33.35
8	33.27	33.16	33.09	33.24	33.43		33.55	33.59	33.49	33.51	33.46	33.36
9		33.21	33.09	33.25	33.43	33.51	33.58	33.53	33.47	33.52		33.37
10	33.29		33.14	33.19	33.42	33.51	33.69	33.52	33.48	33.52	33.35	33.38
11	33.29		33.12	33.24	33.46	33.51	33.57	33.53	33.45	33.49	33.45	
12		33.17	33.15	33.28	33.43	33.51	33.59	33.50	33.48	33.49		33.38
13	33.29	33.22	33.14	33.24	33.47	33.52	33.60	33.55	33.52	33.51	33.45	33.38
14	33.28	33.24	33.13	33.28	33.48	33.54		33.51	33.50	33.52	33.46	33.36
15	33.27	33.25	33.12	33.26	33.50	33.49	33.60	33.48	33.43	33.53	33.45	33.37
16		33.25	33.16	33.27	33.51		33.60	33.54	33.51	33.54	33.44	33.37
17	33.27		33.16	33.31	33.52	33.52		33.50	33.48	33.53	33.46	33.37
18	33.28		33.18	33.30	33.49	33.51		33.51	33.46	33.54	33.44	33.34
19	33.50	33.18		33.31	33.47	33.51	33.56	33.47	33.48	33.55	33.44	
20	33.28	33.25		33.34		33.51	33.48	33.47	33.49	33.53	33.44	33.36
21	33.31	33.23		33.32	33.49	33.51	33.49	33.50	33.45	33.49	33.43	
22	33.28	33.23	33.14	33.33	33.47	33.50		33.54	33.44	33.51	33.39	
23	33.29	33.22	33.09	33.34	33.48	33.53	33.51	33.53	33.41	33.51		33.44
24	33.31	33.19	33.18	33.25		33.53	33.53	33.50	33.44	33.50	33.38	33.38
25	33.18	33.19		33.21	33.46	33.54	33.48	33.50	33.38	33.50	33.37	33.33
26	33.17	33.17	33.16	33.30	33.46	33.55	33.52	33.47	33.46		33.33	33.37
27	33.24	33.17	33.19	33.36	33.47	33.63	33.53	33.39	33.49	33.41	33.36	
28	33.24	33.19	33.17	33.34	33.45	33.55	33.55	33.56	33.40	33.49	33.42	33.40
29	33.25			33.25	33.51	33.50	33.53	33.54	33.40	33.49	33.41	33.39
30	33.28			33.27	33.55	33.54	33.54	33.43	33.49			
31			33.16		33.45		33.53	33.46				33.42
1-10 MEANS	33.27	33.25		33.15	33.38	33.50	33.59	33.54	33.51	33.53	33.45	33.36
SAMPLE SIZE	9	9	10	8	10	9	8	10	10	10	9	10
11-20 MEANS	33.28	33.22	33.14	33.28	33.48	33.51	33.57	33.51	33.48	33.52	33.45	33.37
SAMPLE SIZE	8	7	9	10	9	9	7	10	10	10	9	8
21-31 MEANS	33.25	33.20	33.15	33.20	33.47	33.53	33.53	33.52	33.42	33.50	33.39	33.39
SAMPLE SIZE	10	8	8	10	9	8	10	11	10	9	9	9
MONTHLY MEANS	33.27	33.22	33.15	33.26	33.44	33.51	33.56	33.52	33.47	33.52	33.43	33.37
SAMPLE SIZE	27	24	27	28	28	26	25	31	30	29	27	27
MAXIMUM VALUE	33.31	33.29	33.20	33.36	33.52	33.55	33.69	33.59	33.58	33.63	33.51	33.44
MINIMUM VALUE	33.17	33.16	33.09	33.15	33.31	33.46	33.48	33.46	33.38	33.49	33.33	33.33
RANGE	0.14	0.13	0.11	0.21	0.21	0.09	0.21	0.13	0.20	0.14	0.18	0.11
STANDARD DEV.	0.03	0.04	0.03	0.06	0.06	0.03	0.05	0.03	0.05	0.03	0.04	0.03
ANNUAL MIN		33.09			ANNUAL MEAN	33.39		ANNUAL MAX		33.69		



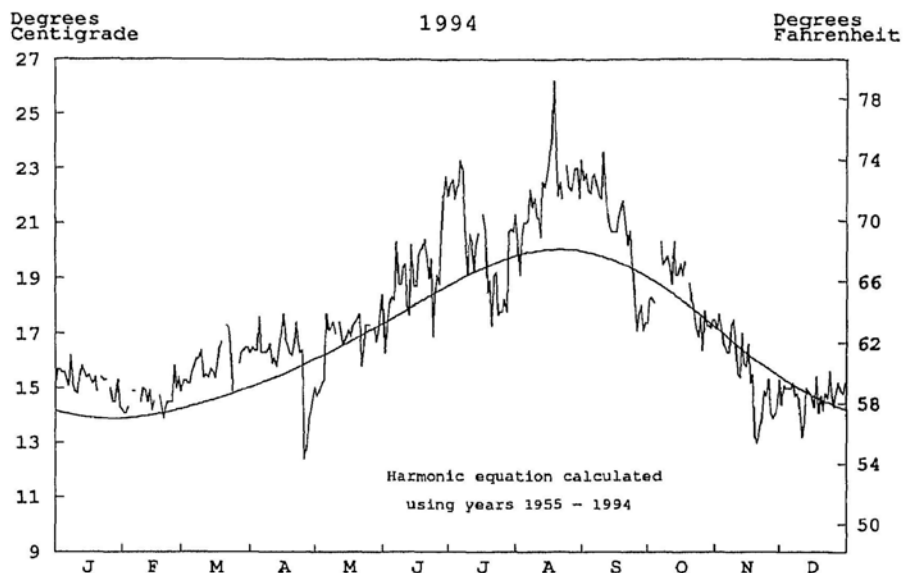
# SIO (Bottom) La Jolla, CA

1994



DAYS	SCRIPPS PIER			BOTTOM			SIGMA T			YEAR 1994	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
1	24.57	24.78	24.42		24.48	24.73		24.16	23.65	23.94	24.71
2	24.54	24.75	24.39	24.26	24.49	23.90	23.34	23.60	23.50	23.85	24.30
3	24.49	24.75	24.39	24.06	24.31	24.09		24.12	22.94	23.44	24.43
4	24.59	24.77	24.37	24.20	24.35	24.04	23.17	23.59	23.10	23.64	24.53
5	24.54	24.70	24.30		24.49	23.86	23.24	24.38	22.91	23.50	24.62
6	24.54	24.67	24.41	24.02	24.43	24.89	23.21	23.21	23.15	23.57	24.42
7	24.60	24.64	24.52	24.26	24.20	24.08	23.51	23.66	23.45	23.53	24.53
8	24.57	24.62	24.35	24.35	24.19		23.60	24.00	23.43	23.81	24.29
9		24.70	24.32	24.31	24.63	24.60	23.28	23.56	23.41	23.53	
10	24.61		24.36	24.17	24.14	24.25	23.31	24.09	23.20	23.37	24.37
11	24.68		24.41	24.44	24.47	24.42	23.05	22.93	23.68	23.74	
12		24.61	24.46	24.20	24.26	23.96	23.37	23.59	23.60	23.64	
13	24.61	24.58	24.47	23.97	24.36	23.99	23.18	22.92	23.53	23.73	24.42
14	24.58	24.55	24.29	24.08	24.25	24.08		22.81	23.51	23.76	24.38
15	24.51	24.65	24.30	24.13	24.39	23.97	23.35	23.63	24.07	23.85	24.40
16		24.60	24.33	24.23	24.37		23.24	23.14	23.28	23.73	24.50
17	24.46		24.33	24.15	24.36	23.82		23.05	23.50	23.72	24.54
18	24.52		24.02	24.26	24.21	23.52		22.83	23.61	23.83	24.66
19	24.40	24.63	24.28	24.27	24.32	23.55	23.74	23.20	23.55	23.74	24.73
20	24.49	24.75		24.24		24.01	24.28	23.41	23.64	23.75	24.73
21	24.54	24.63	24.19	24.20	24.07	24.44	24.19	23.05	23.63	23.92	24.70
22	24.52	24.69	24.16	24.30	24.13	24.03		23.17	24.01	23.96	24.75
23	24.55	24.64	24.28	24.26	24.35	23.56	24.78	23.07	24.32	23.88	
24	24.49	24.62	24.46	24.22			23.69	23.33	24.01	23.85	24.66
25	24.55	24.56		24.30	24.45	23.11	24.30	23.35	24.32	24.03	24.63
26	24.52	24.52	24.45	24.46	24.36	23.03	24.02	22.78	24.02	24.02	24.83
27	24.68	24.50	24.42	24.64	24.10		23.61	23.13	24.11	24.04	24.77
28	24.72	24.51	24.20	24.74	24.21	23.42	23.60	23.24	24.05	24.02	24.73
29	24.65			24.45	24.11	24.32	24.29	22.80	23.70	24.12	24.70
30	24.54			24.23		23.15	23.52	23.14	23.57	24.04	24.67
31			24.20				23.69	23.82			
1-10 MEANS	24.56	24.71	24.38	24.23	24.37	24.27	23.33	23.84	23.27	23.62	24.47
SAMPLE SIZE	9	9	10	8	10	9	8	10	10	10	9
11-20 MEANS	24.53	24.62	24.32	24.20	24.33	23.92	23.46	23.15	23.60	23.75	24.54
SAMPLE SIZE	8	7	9	10	9	9	7	10	10	10	8
21-31 MEANS	24.57	24.58	24.29	24.38	24.22	23.63	23.97	23.17	23.97	23.98	24.72
SAMPLE SIZE	10	8	8	10	8	8	10	11	10	9	9
MONTHLY MEANS	24.56	24.64	24.34	24.27	24.31	23.95	23.62	23.38	23.61	23.78	24.58
SAMPLE SIZE	27	24	27	28	27	26	25	31	30	29	26
MAXIMUM VALUE	24.72	24.78	24.52	24.74	24.63	24.89	24.78	24.38	24.32	24.12	24.83
MINIMUM VALUE	24.40	24.50	24.02	23.97	24.07	23.03	23.05	22.78	22.91	23.37	24.29
RANGE	0.33	0.29	0.49	0.76	0.56	1.85	1.73	1.60	1.41	0.75	0.55
STANDARD DEV.	0.07	0.08	0.11	0.18	0.14	0.48	0.45	0.44	0.37	0.19	0.16
ANNUAL MIN	22.78			ANNUAL MEAN			24.15	ANNUAL MAX			24.92

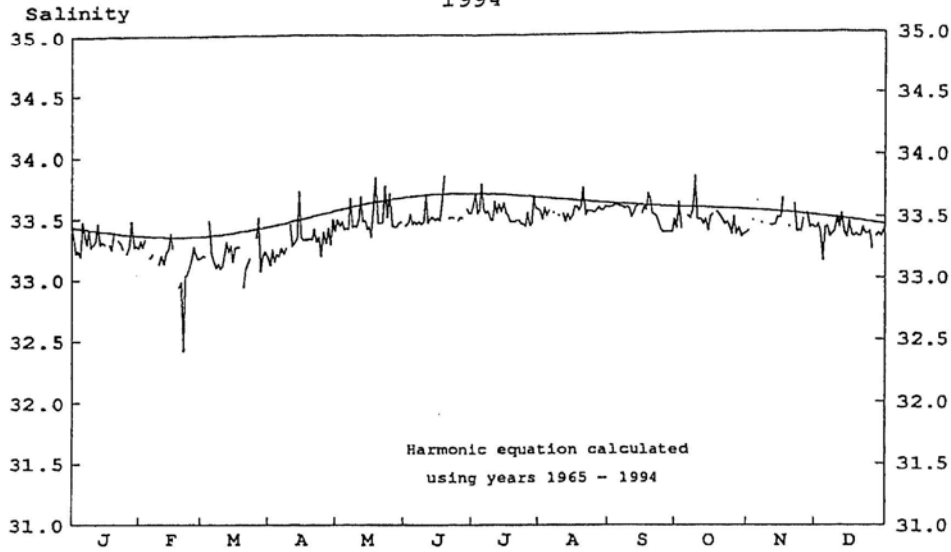
# San Clemente, CA



DAYS	SAN CLEMENTE											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.2	14.1	15.3	16.5	14.7	16.3	22.4	20.4	22.6	18.2	17.2	14.4
2	15.7	14.1	15.3	16.4	14.9	17.5	22.6	19.1	22.8	18.3	17.7	15.1
3	15.7	14.3	15.2	16.4	15.2	18.1	21.9	20.6	22.2	18.1	17.2	15.0
4	15.6		15.2	16.3	15.3	18.3	22.3	21.0	22.1		16.6	15.0
5	15.3	14.9	15.6	16.3	15.7	18.2	22.4	21.0	22.7		16.6	15.0
6	15.3		15.8	16.3	17.1	20.3	23.3	21.1	22.8	20.3	16.3	15.2
7	15.1		16.1	16.3	17.2	18.8	23.0	22.2	22.4	19.5	16.3	14.7
8	16.2		16.1	16.4	17.4	18.8	20.7	21.6	22.0	19.6	17.3	14.8
9	15.2	14.5	16.4	16.6	17.0	19.4	19.1	21.9	21.9	19.8	17.5	14.6
10	14.9	15.0	15.4	15.9		19.5	20.6	21.2	23.6	19.4	16.5	13.2
11	14.8	14.9	15.5	16.1	17.4	18.0	20.3	21.2	22.1	18.8	15.5	13.7
12	15.5	14.5	15.4	15.8	16.9	17.7	19.3	20.5	21.5	20.3	15.4	15.0
13	15.8	14.9	15.7	16.5	16.6	20.2	20.3	22.5	20.9	19.1	17.0	14.9
14	15.6	14.2	15.6	17.1	16.9	18.7	20.6	22.3	20.7	19.1	15.9	14.8
15	15.4	14.5	15.4	17.7	17.1	18.7		22.8	20.7	19.5	15.8	14.7
16	15.5		15.9	16.8	16.9	19.8	21.3	21.3	20.7	19.1	16.6	15.4
17	15.3		16.5	16.6	17.3	20.0	20.8	24.1	21.2	19.6	15.2	15.4
18	15.2	14.7	16.7	16.3	17.4	20.1	18.5	26.2	21.5		15.5	14.1
19	15.4	14.3		16.2	17.5	20.4	18.9	23.8	21.8	18.8	13.2	14.7
20	14.9	13.9	17.3	16.6	17.3	19.8	17.3	22.0	21.1	18.2	13.0	14.2
21		14.3	17.2	17.4	15.8	19.0	19.1	22.5	20.2	18.0	13.6	14.8
22	15.4	14.5	16.7	16.8	16.3	19.7	19.2	21.9	20.7	17.2	13.9	14.6
23	15.3	14.5	14.9	16.3	17.3	16.9	17.7		19.5	16.9	14.9	15.6
24	15.3	14.5		16.4	17.3	18.5	17.8	23.1	18.3	17.6	14.7	14.8
25		15.8		12.4	17.3	19.1	17.8	22.3	17.1	16.4	15.3	14.3
26	15.0	15.0	15.9	12.9		18.8	18.2	22.2	17.7	17.8	14.1	14.9
27	14.5	15.4	16.3	13.9	17.2	20.8	17.8	22.6	18.0	17.3	13.9	15.2
28	14.5	14.9	16.4	14.2	16.7	22.1	20.7	23.0	17.1	17.3	14.1	14.9
29	15.3		16.5	14.6	17.1	22.7	20.8		17.4	17.2	14.4	14.8
30	14.3		16.5	15.0	17.8	22.0	20.7	21.9	17.4	17.5	15.3	15.2
31	14.2		16.3		18.4		21.3	23.3		17.5		15.2
1-10 MEANS	15.45	14.54	15.64	16.47	16.28	18.52	21.83	21.01	22.51	19.15	16.91	14.70
SAMPLE SIZE	10	7	10	10	9	10	10	10	10	8	10	10
11-20 MEANS	15.34	14.49	16.00	16.57	17.17	19.34	19.70	22.87	21.22	19.17	15.31	14.58
SAMPLE SIZE	10	8	9	10	10	10	9	10	10	9	10	10
21-31 MEANS	14.87	14.86	16.30	14.99	17.12	19.96	19.19	22.58	18.34	17.34	14.42	14.94
SAMPLE SIZE	9	8	9	10	10	10	11	10	10	11	10	11
MONTHLY MEANS	15.23	14.63	15.97	16.01	16.88	19.27	20.22	22.15	20.69	18.44	15.55	14.75
SAMPLE SIZE	29	23	28	30	29	30	30	30	30	28	30	31
MAXIMUM VALUE	16.2	15.8	17.3	17.7	18.4	22.7	23.3	26.2	23.6	20.3	17.7	15.6
MINIMUM VALUE	14.2	13.9	14.9	12.4	14.7	16.3	17.3	19.1	17.1	16.4	13.0	13.2
RANGE	2.0	1.9	2.4	5.3	3.7	6.4	6.0	7.1	6.5	3.9	4.7	2.4
STANDARD DEV.	0.46	0.44	0.63	1.26	0.89	1.46	1.75	1.34	1.96	1.08	1.35	0.49
ANNUAL MIN	12.4		ANNUAL MEAN			17	17.48		ANNUAL MAX		26.2	

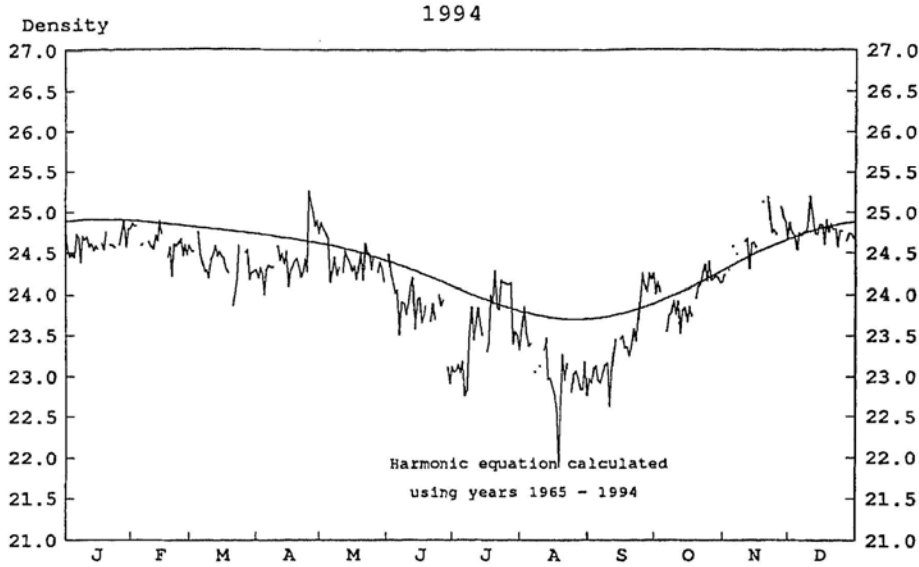
# San Clemente, CA

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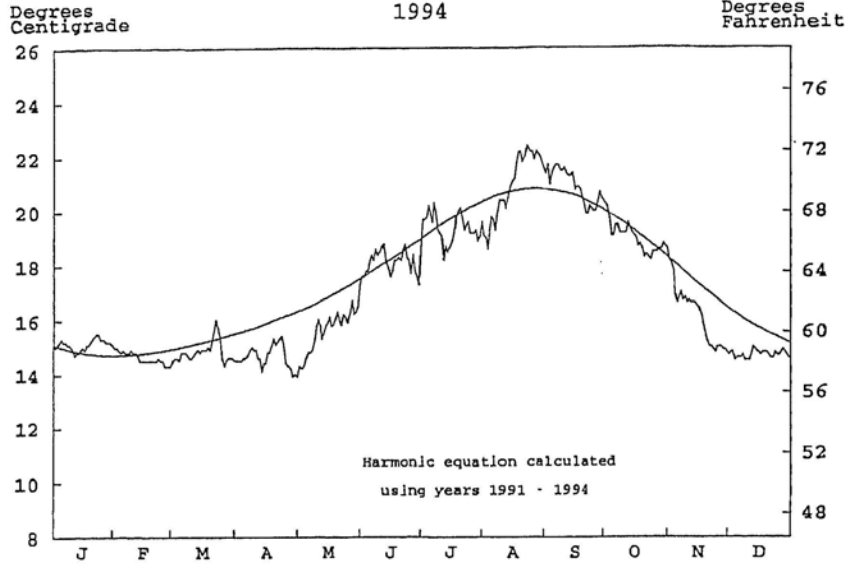
DAYS	SAN CLEMENTE											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.44	33.32	33.20	33.12	33.49	33.44	33.60	33.56	33.58	33.41	33.39	33.41
2	33.34	33.27	33.19	33.25	33.44	33.46	33.70	33.49	33.59	33.62		33.44
3	33.22	33.33		33.15	33.47	33.53	33.54	33.58	33.60	33.41	33.47	33.37
4	33.24		33.48	33.21	33.41	33.45	33.56	33.52	33.60			33.14
5	33.19	33.18	33.23	33.19	33.42	33.47	33.77	33.56	33.59		33.63	33.41
6	33.47	33.21	33.16	33.26	33.41	33.45	33.57	33.59	33.59			33.42
7	33.37		33.10	33.22	33.66	33.47	33.54	33.54	33.57	33.49	33.45	33.34
8	33.29		33.13	33.26	33.43	33.45	33.56	33.78	33.58	33.56		33.36
9	33.41	33.13	33.09		33.44	33.47	33.49	33.52	33.57	33.83		33.38
10	33.27	33.20	33.11	33.45	33.43	33.69	33.48		33.50	33.48		33.50
11	33.29	33.13	33.21	33.28	33.49	33.46	33.63	33.53	33.53	33.48	33.43	33.41
12	33.32	33.23	33.31	33.30	33.67	33.49	33.54	33.47	33.58	33.48	33.43	33.52
13	33.46	33.26	33.23	33.34	33.48	33.51	33.61	33.53	33.59	33.44	33.44	33.37
14	33.29	33.38	33.28	33.72	33.48	33.48	33.55	33.48		33.48	33.50	33.33
15	33.31	33.27	33.15	33.35	33.41	33.50	33.62	33.52	33.53	33.39	33.49	33.46
16	33.29		33.26	33.33	33.43	33.48	33.54	33.59	33.58	33.50	33.65	33.35
17			33.27	33.33	33.35	33.64	33.52	33.59	33.56	33.52		33.34
18	33.29	32.94	33.27	33.33	33.58	33.84	33.47	33.56	33.69			33.36
19	33.25	32.98		33.34	33.83	34.13	33.47	33.59	33.65	33.54	33.42	33.34
20	33.39		32.94	33.33	33.46	33.50	33.47	33.74	33.53	33.52		33.34
21		33.03	33.08	33.41	33.46	33.51	33.48	33.52	33.52	33.49	33.60	33.41
22	33.33	33.05	33.13	33.31	33.47	33.50	33.48	33.56	33.50	33.44	33.38	33.36
23	33.30	33.11	33.17	33.35	33.76	33.45	33.45	33.55	33.45	33.46	33.39	33.36
24	33.26	33.17		33.19	33.51	33.48	33.45	33.55	33.40	33.42	33.38	33.38
25		33.27	33.35	33.39	33.70	33.51	33.43	33.54	33.38	33.36	33.48	33.24
26	33.22	33.21	33.51	33.30	33.44	33.50	33.54	33.55	33.38	33.50		
27	33.27	33.17	33.51	33.42	33.43			33.58	33.38	33.36	33.53	33.34
28	33.48	33.18	33.07	33.29	33.43	33.57	33.45	33.56	33.38	33.41	33.41	33.37
29	33.27		33.20	33.49	33.46	33.54	33.68	33.56	33.38	33.34	33.43	33.34
30	33.28		33.23	33.40	33.47	33.54	33.58	33.59	33.48	33.36	33.41	33.38
31	33.26		33.19				33.57	33.58		33.37		33.42
1-10 MEANS	33.32	33.23	33.19	33.23	33.46	33.49	33.58	33.54	33.58	33.54	33.49	33.38
SAMPLE SIZE	10	7	9	9	10	10	10	7	10	8	4	10
11-20 MEANS	33.32	33.08	33.21	33.36	33.52	33.54	33.54	33.56	33.58	33.48	33.48	33.38
SAMPLE SIZE	9	8	9	10	10	9	10	10	9	9	7	10
21-31 MEANS	33.30	33.15	33.21	33.35	33.51	33.52	33.50	33.56	33.43	33.41	33.45	33.36
SAMPLE SIZE	9	8	9	10	10	8	11	11	10	11	9	10
MONTHLY MEANS	33.31	33.15	33.21	33.32	33.50	33.52	33.54	33.55	33.53	33.47	33.47	33.37
SAMPLE SIZE	28	23	27	29	30	27	31	28	29	28	20	30
MAXIMUM VALUE	33.48	33.38	33.51	33.72	33.83	33.84	33.77	33.74	33.69	33.83	33.65	33.52
MINIMUM VALUE	33.19	32.42	32.94	33.12	33.35	33.44	33.43	33.47	33.38	33.34	33.38	33.14
RANGE	0.29	0.96	0.57	0.60	0.48	0.40	0.34	0.27	0.31	0.49	0.27	0.38
STANDARD DEV.	0.08	0.19	0.12	0.12	0.11	0.09	0.08	0.05	0.09	0.10	0.08	0.07
ANNUAL MIN	32.42											
ANNUAL MEAN	33.41											
ANNUAL MAX	33.84											

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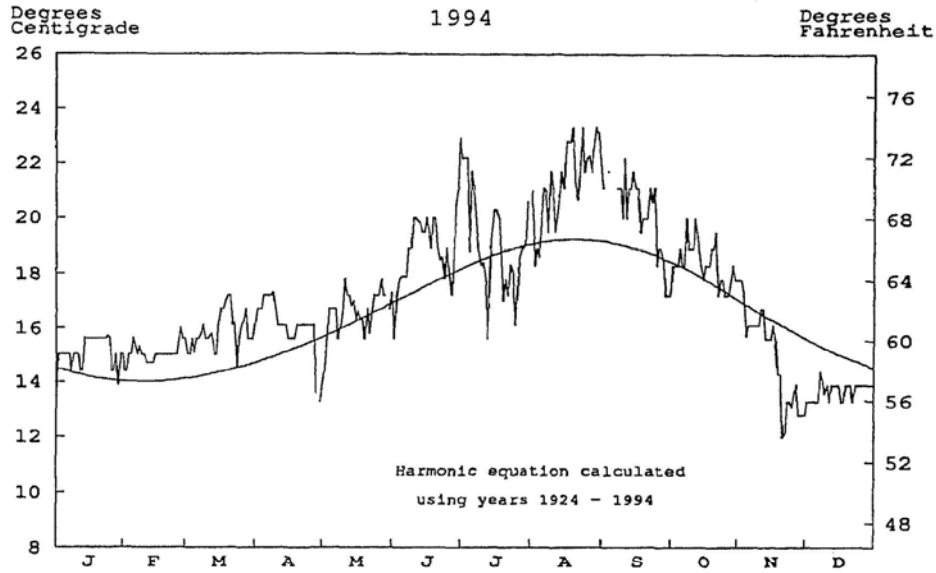
DAYS	SAN CLEMENTE													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1	24.73	24.87	24.52	24.19	24.87	24.48	23.04	23.56	22.87	24.01	24.23	24.88		
2	24.54	24.83	24.51	24.31	24.79	24.21	23.06	23.84	22.92	24.14		24.75		
3	24.45	24.83		24.23	24.75	24.12	23.14	23.52	23.10	24.03	24.29	24.72		
4	24.48		24.76	24.00	24.68	24.01	23.04	23.37	23.13			24.54		
5	24.45	24.59	24.48	24.29	24.14	24.05	23.17	23.40	22.95		24.58	24.75		
6	24.73	24.61	24.38	24.54	24.27	23.50	22.76	23.62	22.92	23.55		24.71		
7	24.69		24.26	24.31	24.44	23.90	22.83	23.05	23.02	23.74	24.49	24.76		
8	24.39		24.29	24.32	24.22	23.89	23.48	23.40	23.14	23.77		24.75		
9	24.70	24.64	24.15	24.32	24.32	23.75	23.84	23.12	23.16	23.92		24.81		
10	24.66	24.59	24.43	24.58		23.89	23.45		22.62	23.76		25.19		
11	24.70	24.55	24.48	24.40	24.26	24.09	23.64	23.32	23.07	23.91	24.65	25.02		
12	24.57	24.72	24.58	24.49	24.52	24.19	23.83	23.46	23.28	23.53	24.68	24.83		
13	24.61	24.65	24.45	24.36	24.44	23.57	23.57	23.96	23.45	23.81	24.33	24.74		
14	24.52	24.89	24.52	24.51	24.37	23.94	23.50	22.98		23.84	24.62	24.73		
15	24.58	24.75	24.46	24.08	24.27	23.95		22.87	23.46	23.66	24.63	24.85		
16	24.55		24.43	24.28	24.33	23.66	23.30	22.78	23.20	23.85	24.57	24.85		
17			24.30	24.33	24.18	23.73		22.55	23.35	23.74		24.61		
18	24.61	24.45	24.26	24.40	24.33	23.85	23.98	21.89	23.36			24.90		
19	24.54	24.56		24.43	24.50	23.99	23.88	22.63	23.25	24.09	25.13	24.76		
20	24.75	24.22	23.86	24.33	24.17	23.67	24.27	25.26	23.35	24.09		24.86		
21		24.60	23.99	24.20	24.61	23.88	23.84	22.96	23.58	24.12	25.19	24.79		
22	24.60	24.58		24.27	24.50	23.70	23.81	23.15	23.43	24.27	24.96	24.79		
23	24.60	24.62	24.58	24.41	24.49		23.71	23.71	24.36	24.75	24.88	24.88		
24	24.57	24.67		24.27	24.30	23.99	24.13	22.81	23.97	24.16	24.79	24.77		
25	24.60	24.46		25.26	24.45	23.86	24.12	23.03	24.25	24.40	24.74	24.77		
26		24.59	24.50	25.10		23.93	24.11	23.06	24.11	24.17				
27	24.75	24.47	24.53	24.99	24.26		24.13	22.97	24.03	24.19	25.07	24.65		
28	24.91	24.59		24.17	24.82	24.38	23.11	23.40	22.84	24.25	24.22	24.94		
29	24.57		24.25	24.89	24.31	22.91	23.54	22.84	24.18	24.19	24.89	24.74		
30	24.80		24.27	24.74	24.15	23.11	23.50	23.18	24.25	24.14	24.68	24.68		
31	24.80		24.29				23.33	22.77		24.15		24.71		
1-10 MEANS	24.58	24.71	24.42	24.29	24.50	23.98	23.18	23.41	22.89	23.87	24.40	24.78		
SAMPLE SIZE	10	7	9	9	9	10	10	7	10	8	4	10		
11-20 MEANS	24.60	24.60	24.37	24.36	24.34	23.85	23.72	22.87	23.34	23.82	24.66	24.81		
SAMPLE SIZE	9	8	9	10	10	9	9	10	9	9	7	10		
21-31 MEANS	24.69	24.57	24.31	24.69	24.38	23.56	23.82	22.96	23.98	24.21	24.89	24.72		
SAMPLE SIZE	9	8	9	10	9	8	11	10	10	11	9	10		
MONTHLY MEANS	24.62	24.62	24.37	24.45	24.40	23.81	23.58	23.04	23.44	23.99	24.71	24.77		
SAMPLE SIZE	28	23	27	29	28	27	30	27	29	28	20	30		
MAXIMUM VALUE	24.91	24.89	24.76	25.26	24.87	24.48	24.27	23.84	24.25	24.40	25.19	25.19		
MINIMUM VALUE	24.39	24.22	23.86	24.00	24.14	22.91	22.76	21.89	22.62	23.53	24.23	24.54		
RANGE	0.52	0.68	0.89	1.26	0.74	1.57	1.51	1.96	1.63	0.87	0.96	0.65		
STANDARD DEV.	0.12	0.15	0.19	0.30	0.20	0.35	0.42	0.38	0.47	0.24	0.27	0.13		
ANNUAL MIN	21.89		ANNUAL MEAN					24.15	ANNUAL MAX					25.26

# Santa Catalina Island, CA



DAYS	SANTA CATALINA I.											
	TEMPERATURE											
	YEAR 1994											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.1	15.0	14.5	14.5	14.3	17.6	19.7	19.1	21.4	20.3	18.2	14.7
2	15.0	15.0	14.6	14.5	14.2	17.6	19.7	19.0	21.7	20.2	18.1	14.8
3	15.1	14.9	14.6	14.5	14.3	17.8	19.8	18.6	21.0	19.7	17.8	14.8
4	15.2	14.8	14.5	14.6	14.6	17.8	20.2	19.3	21.4	19.1	16.9	14.5
5	15.3	14.9	14.8	14.6	14.8	18.2	19.9	19.8	21.6	19.1	16.6	14.6
6	15.2	14.8	14.8	14.7	14.8	18.4	19.6	19.7	21.7	19.5	16.8	14.6
7	15.2	14.8	14.8	14.9	14.9	18.2	20.3	19.3	21.7	19.5	17.0	14.6
8	15.1	14.8	14.7	15.0	15.3	18.6	20.0	19.9	21.5	19.2	16.7	14.7
9	15.1	14.9	14.6	14.9	15.8	18.4	19.3	20.4	21.5	19.2	16.8	14.5
10	15.0	14.8	14.6	14.9	16.0	18.5	19.2	20.4	21.6	19.2	16.6	14.5
11	14.9	14.8	14.7	14.6	15.8	18.7	19.1	20.4	21.4	19.2	16.7	14.5
12	14.7	14.7	14.8	14.6	15.3	18.8	18.2	20.1	21.3	19.6	16.6	14.7
13	14.8	14.5	14.9	14.1	15.5	18.2	18.7	20.5	21.3	19.4	16.6	15.0
14	14.8	14.5	14.8	14.4	15.8	17.9	18.5	20.9	21.4	19.3	16.6	14.9
15	14.9	14.5	14.9	14.4	15.9	17.6	18.7	21.1	20.8	19.1	16.5	14.8
16	15.0	14.5	14.9	14.8	16.1	17.8	18.9	21.2	20.9	19.0	16.4	14.7
17	14.9	14.5	14.9	14.8	15.8	18.2	19.2	21.8	20.9	18.7	16.2	14.8
18	15.1	14.5	15.0	15.0	15.8	18.2	19.8	22.2	20.8	18.8	15.8	14.8
19	15.1	14.5	14.9	15.3	16.0	18.3	20.0	22.2	20.5	18.6	15.5	14.8
20	15.2	14.5	15.3	15.1	16.3	18.2	20.1	21.8	20.3	18.3	15.2	14.7
21	15.3	14.5	15.6	15.2	16.0	18.6	19.7	22.0	19.9	18.4	15.0	14.6
22	15.4	14.6	16.0	15.3	15.8	18.8	19.3	22.4	19.9	18.3	15.0	14.6
23	15.5	14.5	15.7	15.4	16.2	18.3	19.5	22.3	20.2	18.2	14.9	14.8
24	15.5	14.5	15.4	15.0	16.1	18.2	19.6	22.2	20.1	18.5	14.8	14.7
25	15.3	14.3	14.6	14.4	15.9	17.7	19.2	22.2	20.0	18.5	15.0	14.7
26	15.3	14.3	14.3	14.3	16.3	18.4	19.2	21.9	20.0	18.5	15.0	14.8
27	15.3	14.3	14.5	14.2	16.7	17.8	19.2	22.2	20.4	18.6	15.0	14.9
28	15.2	14.3	14.6	13.9	16.2	17.6	19.3	22.1	20.7	18.6	14.9	14.8
29	15.2	14.3	14.6	14.0	16.3	17.3	18.9	22.0	20.5	18.8	14.9	14.7
30	15.2	14.6	13.9	16.5	18.7	19.1	21.8	20.4	18.7	14.8	14.6	14.6
31	15.1	14.5	14.5	17.3	17.3	19.6	21.6		18.6			
1-10 MEANS	15.13	14.87	14.65	14.71	14.90	18.11	19.77	19.55	21.51	19.50	17.15	14.63
SAMPLE SIZE	10	10	10	10	10	10	10	10	10	10	10	10
11-20 MEANS	14.94	14.55	14.91	14.71	15.83	18.19	19.12	21.22	20.96	18.99	16.21	14.77
SAMPLE SIZE	10	10	10	10	10	10	10	10	10	10	10	10
21-31 MEANS	15.30	14.41	14.95	14.56	16.30	18.14	19.33	22.06	20.21	18.52	14.93	14.71
SAMPLE SIZE	11	8	11	10	11	10	11	11	10	11	10	11
MONTHLY MEANS	15.13	14.63	14.84	14.66	15.70	18.15	19.40	20.98	20.89	18.99	16.10	14.70
SAMPLE SIZE	31	28	31	31	31	30	31	31	31	31	30	31
MAXIMUM VALUE	15.5	15.0	16.0	15.4	17.3	18.8	20.3	22.4	21.7	20.3	18.2	15.0
MINIMUM VALUE	14.7	14.3	14.3	13.9	14.2	17.3	18.2	18.6	19.9	18.2	14.8	14.5
RANGE	0.8	0.7	1.7	1.5	3.1	1.5	2.1	3.8	1.8	2.1	3.4	0.5
STANDARD DEV.	0.20	0.22	0.39	0.41	0.74	0.41	0.51	1.19	0.61	0.53	1.03	0.13
ANNUAL MIN	13.9											
ANNUAL MEAN						17.01						
ANNUAL MAX										22.4		

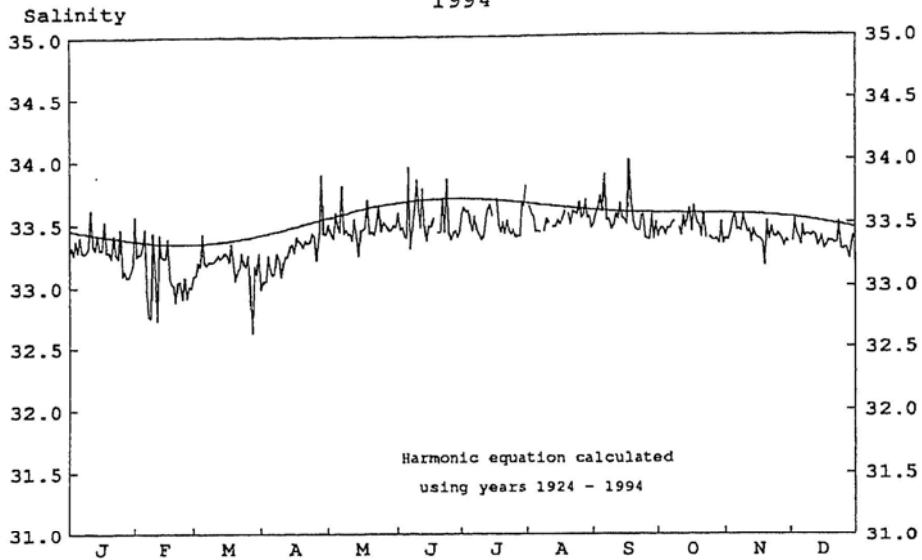
# Balboa, CA



DAYS	BALBOA											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.4	14.4	15.0	16.7	14.4	15.6	22.2	21.0	21.1	18.3	17.8	13.3
2	15.0	14.4	15.0	16.7	15.6	17.2	22.2	18.3	18.3	17.8	17.8	13.3
3	15.0	15.0	15.6	16.7	16.7	17.8	22.2	18.3	21.7	18.3	17.2	13.3
4	15.0	15.0	15.1	17.2	16.7	17.9	18.6	18.6		18.9	15.7	13.3
5	15.0	15.6	15.6	17.2	16.7	17.9	21.7	20.0		18.3	16.1	13.3
6	15.0	15.3	15.8	17.2	16.7	17.9	20.0	21.1		18.3	16.1	13.3
7	15.0	15.0	15.8	17.2	16.7	17.9	20.0	21.1		18.3	16.1	13.3
8	14.4	15.3	16.1	17.3	16.1	18.9	18.9	19.5	21.1	18.9	16.1	14.1
9	15.0	15.0	15.6	16.7	16.7	20.0	18.3	21.7	20.0	18.9	16.1	13.6
10	15.0	15.0	15.6	16.1	17.2	17.2	18.4	23.1	22.2	18.9	16.1	13.9
11	15.0	14.7	15.7	16.1	17.2	19.9	17.7	19.5	20.0	20.0	16.7	13.3
12	14.4	14.7	15.8	16.1	17.2	19.8	15.6	20.0	21.1	19.5	16.7	13.9
13	15.8	14.7	15.0	16.1	16.8	17.8	17.8	20.6	21.7	18.9	15.6	13.9
14	15.6	14.7	15.0	16.1	17.0	19.5	19.5	21.7	21.7	18.3	15.6	13.9
15	15.6	15.0	16.1	15.6	16.3	20.0	20.3	21.1	21.1	17.8	15.6	13.9
16	15.6	15.0	16.7	15.6	16.6	19.5	20.3	22.8	21.1	18.3	16.1	13.3
17	15.6	15.0	16.7	15.6	16.3	18.9	20.0	22.8	19.5	18.3	15.6	13.3
18	15.6	15.0	17.0	15.6	16.3	20.0	18.7	22.8	20.0	18.3	14.4	13.9
19	15.6	15.0	17.2	16.1	15.6	20.0	17.0	23.3	20.0	18.9	14.3	13.9
20	15.6	15.0	17.2	16.1	16.7	18.9	17.8	21.3	20.0	18.9	12.0	13.9
21	15.6	15.0	16.1	16.1	15.8	18.5	17.2	20.7	21.1	19.5	12.2	13.3
22	15.6	15.0	16.2	16.1	16.6	18.6	18.3	22.0	20.6	17.2	13.3	13.9
23	15.6	15.0	14.5	16.1	17.2	17.8	18.1	23.3	21.1	17.8	13.3	13.9
24	15.6	15.0	15.6	16.1	17.2	18.9	16.1	23.7	18.3	17.8	13.1	13.9
25	15.6	15.0	16.0	16.1	17.2	18.9	17.2	23.2	18.9	17.2	13.2	13.9
26	14.4	16.0	16.3	16.1	17.8	17.2	18.6	22.3	18.9	17.2	13.9	13.9
27	14.4	15.6	16.7	13.6	17.2	18.9	18.9	21.7	18.5	17.2	12.8	13.9
28	15.0	15.6	15.6	17.2	17.2	20.5	18.9	22.8	17.2	17.8	12.8	13.9
29	13.9		15.6	13.3		21.0	19.2	23.3	17.2	18.3		13.9
30	15.0		15.6	13.9	16.7	22.9	20.6	23.1	17.2	17.8	12.8	13.9
31	15.0		16.1	17.3				22.2		17.8		13.9
1-10 MEANS	14.78	15.00	15.50	16.90	16.30	18.21	20.39	20.12	21.20	18.71	16.51	13.58
SAMPLE SIZE	10	10	10	10	10	10	10	10	6	10	10	10
11-20 MEANS	15.30	14.88	16.24	15.90	16.60	19.60	18.47	21.59	20.56	18.72	15.25	13.72
SAMPLE SIZE	10	10	10	10	10	10	10	10	10	10	10	10
21-31 MEANS	15.07	15.35	15.85	15.27	17.02	19.23	18.31	22.30	18.90	17.78	13.06	13.85
SAMPLE SIZE	11	8	11	9	10	10	10	11	10	11	10	11
MONTHLY MEANS	15.05	15.06	15.86	16.05	16.64	19.01	19.06	21.37	20.07	18.38	14.94	13.72
SAMPLE SIZE	31	28	31	29	30	30	30	31	26	31	30	31
MAXIMUM VALUE	15.7	16.0	17.2	17.3	17.8	22.9	22.2	23.3	22.2	20.0	17.8	14.4
MINIMUM VALUE	13.4	14.4	14.5	13.3	14.4	15.6	15.6	18.3	17.2	17.2	12.0	13.3
RANGE	2.3	1.6	2.7	4.0	3.4	7.3	6.6	5.0	5.0	2.8	5.8	1.1
STANDARD DEV.	0.58	0.37	0.67	0.99	0.72	1.37	1.75	1.42	1.46	0.76	1.73	0.31
ANNUAL MIN	12.0											
ANNUAL MEAN	21											
ANNUAL MAX	23.3											

# Balboa, CA

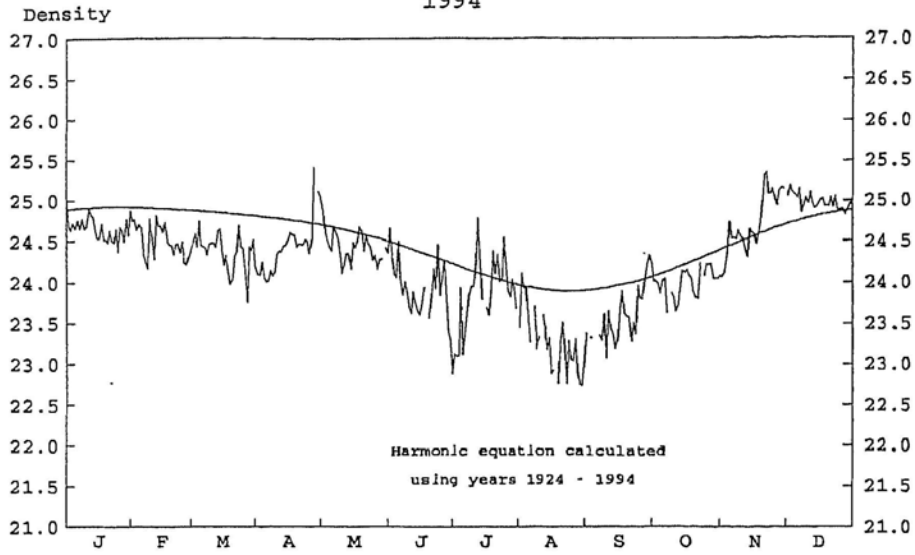
1994



DAYS	BALBOA											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.28	33.24	33.09	33.04	33.42	33.45	33.62	33.63	33.56	33.45	33.36	33.35
2	33.32	33.26	33.19	33.04	33.38	33.47	33.59	33.57	33.62	33.46	33.42	33.52
3	33.26	33.26	33.16	33.24	33.58	33.40	33.60	33.55	33.71	33.40	33.53	33.41
4	33.37	33.34	33.42	33.15	33.48	33.38	33.50	33.43	33.59	33.46	33.57	33.37
5	33.28	33.46	33.19	33.09	33.43	33.94	33.44	33.44	33.88	33.45	33.44	33.32
6	33.40	32.95	33.17	33.10	33.79	33.30	33.55	33.43	33.52	33.49	33.45	33.47
7	33.28	32.75	33.20	33.26	33.42	33.43	33.45		33.53	33.51	33.43	33.38
8	33.27	32.74	33.19	33.21	33.45	33.63	33.41	33.44	33.45		33.56	33.40
9	33.28	33.43	33.20	33.08	33.41	33.84	33.37	33.53	33.48	33.46	33.48	33.40
10	33.31	33.35	33.22	33.19	33.42	33.60	33.40	33.50	33.57	33.40	33.42	33.39
11	33.61	32.72	33.25	33.24	33.36	33.47	33.53		33.53	33.55	33.44	33.41
12	33.33	33.41	33.22	33.23	33.53	33.77	33.61	33.47	33.65	33.46	33.34	33.40
13	33.30	33.24	33.24	33.32	33.42	33.49	33.64	33.47	33.54	33.54	33.44	33.31
14	33.42	33.23	33.27	33.33	33.24	33.16	33.56	33.52	33.53	33.61	33.39	33.34
15	33.30	33.23	33.25	33.27	33.44	33.48		33.49	33.49	33.43	33.37	33.39
16	33.30	33.38	33.20	33.39	33.45	33.47	33.69	33.54	33.99	33.63	33.36	33.29
17	33.52	33.06	33.34	33.36	33.47	33.54	33.48	33.59	33.68	33.55	33.34	33.31
18	33.28	33.02	33.20	33.35	33.68	33.43			33.51	33.49	33.16	33.35
19	33.28	33.01	33.05	33.31	33.42	33.43	33.51	33.57	33.45	33.48	33.51	33.35
20	33.23	32.88	33.13	33.36	33.43	33.43	33.42	33.49	33.44	33.39	33.36	33.35
21	33.41	33.03	33.15	33.34	33.41	33.70	33.52	33.59	33.44	33.57	33.46	33.32
22	33.26	33.04	33.26	33.35	33.51	33.43	33.44	33.58	33.55	33.38	33.39	33.34
23	33.23	32.90	33.18	33.42	33.64	33.85	33.41	33.57	33.56		33.38	33.30
24	33.46	33.07	33.16	33.40	33.44	33.42	33.45	33.66	33.38	33.38	33.41	33.29
25	33.09	32.91	33.25	33.21	33.51	33.37	33.39	33.54	33.37	33.36	33.39	33.28
26	33.13	33.00	32.88	33.42	33.48	33.43	33.40	33.56	33.36	33.36	33.36	33.30
27	33.08	32.99	32.62	33.88	33.44	33.44	33.40	33.68	33.56	33.37	33.31	33.29
28	33.08	33.08	33.16	33.42	33.45	33.39	33.66	33.54	33.37	33.33	33.36	33.21
29	33.13		33.10	33.41	33.48	33.43	33.63	33.55	33.50	33.50	33.34	33.31
30	33.18		33.26	33.49	33.47	33.57	33.79	33.46	33.39	33.33	33.33	33.39
31	33.56		32.98		33.58			33.49		33.37		
1-10 MEANS	33.31	33.16	33.20	33.14	33.48	33.54	33.49	33.50	33.59	33.45	33.47	33.40
SAMPLE SIZE	10	10	10	10	10	10	10	9	10	9	10	10
11-20 MEANS	33.36	33.12	33.22	33.32	33.44	33.49	33.54	33.52	33.58	33.51	33.37	33.35
SAMPLE SIZE	10	10	10	10	10	9	9	8	10	10	10	10
21-31 MEANS	33.24	33.00	33.09	33.43	33.49	33.50	33.51	33.57	33.45	33.40	33.38	33.32
SAMPLE SIZE	11	8	11	10	11	10	10	11	10	10	9	10
MONTHLY MEANS	33.30	33.10	33.17	33.30	33.47	33.51	33.51	33.53	33.54	33.45	33.41	33.36
SAMPLE SIZE	31	28	31	30	31	29	29	28	30	29	29	30
MAXIMUM VALUE	33.61	33.46	33.42	33.88	33.79	33.94	33.79	33.68	33.99	33.63	33.57	33.52
MINIMUM VALUE	33.08	32.72	32.62	33.04	33.24	33.30	33.37	33.43	33.36	33.33	33.16	33.21
RANGE	0.53	0.74	0.80	0.84	0.55	0.64	0.42	0.25	0.63	0.30	0.41	0.31
STANDARD DEV.	0.13	0.21	0.14	0.17	0.10	0.16	0.11	0.07	0.14	0.08	0.08	0.07
ANNUAL MIN		32.62										
ANNUAL MEAN					33.39							
ANNUAL MAX											33.99	

# Balboa, CA

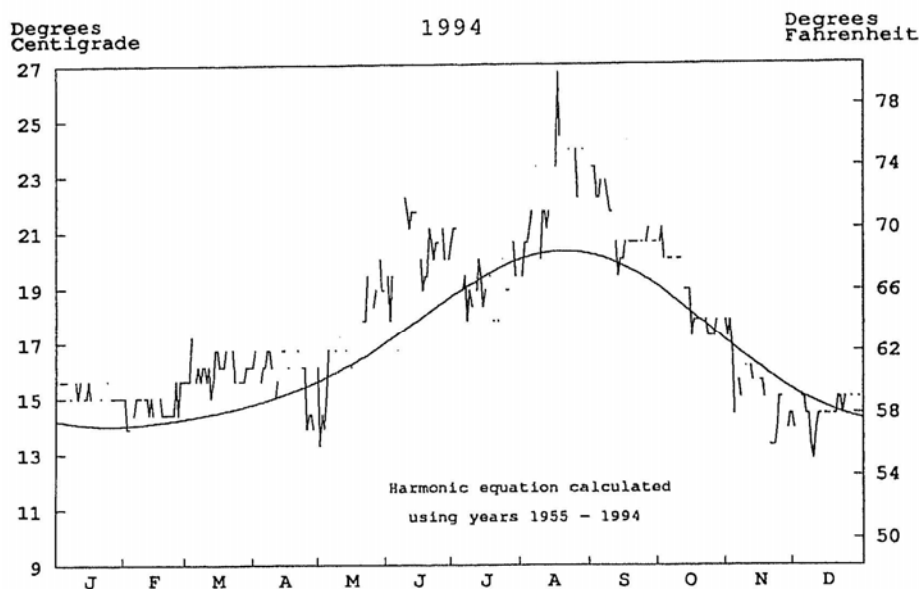
1994



DAYS	BALBOA					SIGMA T					YEAR 1994			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1	24.98	24.74	24.50	24.08	24.88	24.65	23.12	23.45	23.37	24.01	24.07	25.06		
2	24.68	24.76	24.58	24.08	24.59	24.29	23.09	24.10		24.02	24.11	25.19		
3	24.63	24.63	24.42	24.23	24.50	24.10	23.10	23.94	23.32	23.87	24.34	25.10		
4	24.72	24.68	24.73	24.05	24.42	24.06	23.93	23.92		23.87	24.72	25.07		
5	24.65	24.65	24.45	24.00	24.38	24.49	23.12	23.57		24.01	24.53	25.03		
6	24.74	24.33	24.43	24.01	24.66	24.00	23.34	23.27		24.04	24.53	25.15		
7	24.65	24.24	24.41	24.33	24.62	23.85	23.58		23.35	24.52	24.85			
8	24.77	24.17	24.33	24.07	24.53	24.00	23.83	23.70	23.29		24.62	24.93		
9	24.65	24.76	24.45	24.11	24.37	23.88	23.95	23.19	23.60	23.87	24.56	25.03		
10	24.67	24.55	24.47	24.33	24.11	23.70	23.95	23.33	23.08	23.83	24.51	24.96		
11	24.90	24.28	24.47	24.37	24.21	23.62	24.22		23.64	23.66	24.38	25.10		
12	24.81	24.81	24.42	24.36	24.34	23.88	24.77	23.60	23.44	23.72	24.31	24.57		
13	24.79	24.68	24.62	24.43	24.35	23.74	24.28	23.44	23.36	23.53	24.64	24.90		
14	24.62	24.67	24.64	24.44	24.16	23.64	23.79	23.18	23.19	24.14	24.60	24.53		
15	24.53	24.61	24.38	24.51	24.48	23.60		23.32	23.32	24.12	24.58	24.96		
16	24.53	24.72	24.20	24.60	24.42	23.73	23.69	22.89	23.70	24.15	24.46	25.01		
17	24.70	24.48	24.31	24.58	24.50	23.93	23.60	22.92	23.89	24.09	24.56	25.02		
18	24.52	24.45	24.33	24.57	24.66		23.90		23.63	24.94	24.70	24.93		
19	24.52	24.44	23.97	24.43	24.62	23.57	24.37	22.76	23.58	23.89	24.97	24.93		
20	24.48	24.34	24.03	24.46	24.38	23.85	24.11	23.26	23.57	23.82	25.32	24.93		
21	24.62	24.45	24.30	24.45	24.57	24.15	24.33	23.50	23.28	23.80	25.36	25.04		
22	24.50	24.46	24.36	24.46	24.47	23.92	24.01	23.14	23.50	24.22	25.09	24.93		
23	24.48	24.35	24.68	24.51	24.42	24.44	24.03	22.76	23.37		25.08	25.05		
24	24.63	24.49	24.42	24.50	24.27	23.84	24.53	23.28	23.96	24.08	25.14	24.89		
25	24.37	24.23	24.40	24.35	24.32	24.03	24.23	23.05	23.80	24.21	25.03	24.88		
26	24.66	24.21	24.05	24.51	24.16	24.26	23.90	23.04	23.79	24.21	24.94	24.89		
27	24.62	24.29	23.76	25.40	24.27	23.86	23.83	23.30	24.05	24.22	25.12	24.89		
28	24.48	24.36	24.42		24.28	23.40	24.02	22.89	24.22	24.04	25.16	24.83		
29	24.76		24.38	25.10		23.30	23.92	22.75	24.32	24.05	25.15	24.50		
30	24.57		24.50	25.04	24.41	22.88	23.68	22.74	24.23	24.04		24.96		
31	24.86		24.17		24.35			23.02		24.07				
1-10 MEANS	24.71	24.55	24.48	24.11	24.51	24.10	23.50	23.61	23.34	23.92	24.45	25.04		
SAMPLE SIZE	10	10	10	10	10	10	10	9	6	9	10	10		
11-20 MEANS	24.64	24.55	24.32	24.48	24.41	23.73	24.08	23.17	23.53	23.95	24.65	24.97		
SAMPLE SIZE	10	10	10	10	10	9	9	8	10	10	10	10		
21-31 MEANS	24.60	24.36	24.31	24.70	24.35	23.81	24.05	23.04	23.85	24.10	25.12	24.93		
SAMPLE SIZE	11	8	11	9	10	10	10	11	10	10	9	10		
MONTHLY MEANS	24.65	24.49	24.37	24.42	24.42	23.88	23.87	23.26	23.61	23.99	24.73	24.98		
SAMPLE SIZE	31	28	31	29	30	29	29	28	26	29	29	30		
MAXIMUM VALUE	24.98	24.81	24.73	25.40	24.88	24.65	24.77	24.10	24.32	24.22	25.36	25.19		
MINIMUM VALUE	24.37	24.17	23.76	24.00	24.11	22.88	23.09	22.74	23.08	23.63	24.07	24.83		
RANGE	0.61	0.65	0.97	1.40	0.77	1.77	1.68	1.37	1.24	0.60	1.29	0.36		
STANDARD DEV.	0.14	0.20	0.21	0.33	0.17	0.37	0.43	0.37	0.34	0.16	0.35	0.09		
ANNUAL MIN	22.74		ANNUAL MEAN					24.22	ANNUAL MAX					25.40

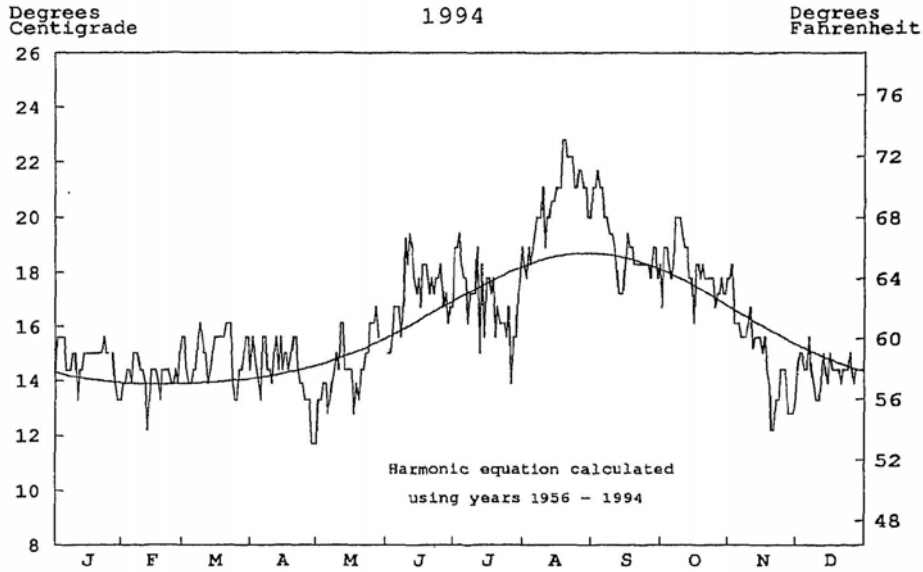


# Santa Monica, CA



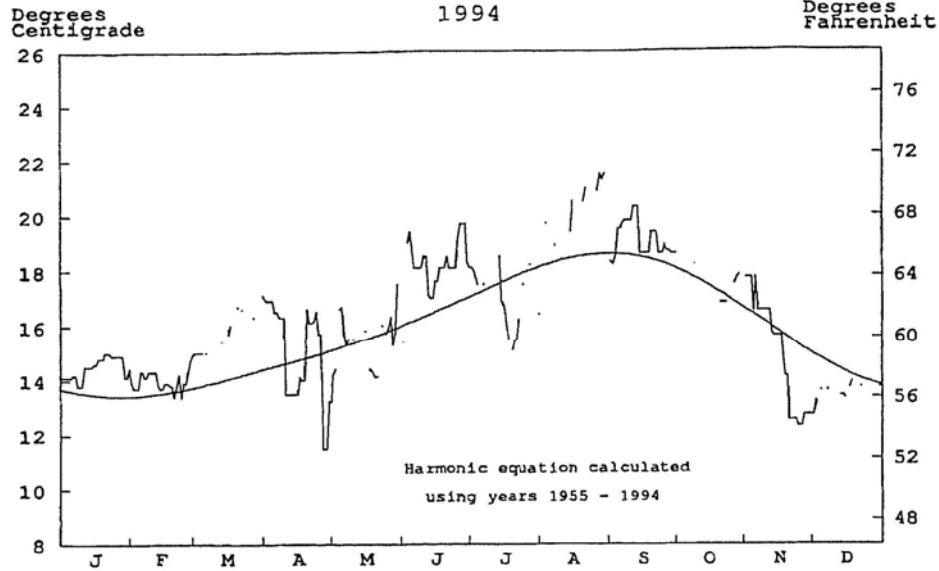
DAYS	SANTA MONICA											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.0	15.0	15.6	16.7	13.3	19.4	21.1	19.4	23.3	20.6	17.2	13.9
2	15.0	13.9	15.6		14.4	17.8	21.1	20.6	23.3	21.1	17.8	14.4
3	15.6	13.9	17.2		13.9	19.4		20.6	22.2	20.0	16.7	15.0
4	15.6			15.6	15.0			21.1	22.2		14.4	15.0
5		14.4	15.6	16.1	16.7		18.9	21.7	22.8	20.0	15.0	14.4
6		15.0	16.1	16.1		16.7	19.4			20.0	15.6	14.4
7	15.0	15.0	16.1	16.7			17.8	23.3	22.8	20.0	15.0	14.4
8		15.0	16.1	16.7	16.7		18.9		22.2	20.0	15.0	13.3
9	15.6		16.1	16.1		22.2	18.3	20.0	21.7	20.0	16.1	12.8
10	15.0	15.0	15.6		17.2	21.7	21.7	21.7	21.7	20.0	15.9	13.9
11	15.6	15.0	16.1	15.0		21.1	18.9	21.7	21.7	20.0	16.1	14.4
12		14.4	15.0	15.6		21.7	20.0	21.1	20.6		15.6	14.4
13	15.0	15.0	15.6	16.7	16.7	21.7	19.4	21.7	19.4	18.9	14.4	14.4
14	15.0	14.4	16.7	16.7	16.1	21.7	18.3		20.0	18.9	15.6	14.4
15	15.6		16.7	16.7			18.9		20.0	17.2	15.6	14.4
16	15.0		16.1			20.0		23.3	20.6	17.8	15.0	14.4
17		15.0	16.1	16.1		18.9	19.4	26.7		17.8		14.4
18		14.4	16.1			19.4	19.4	24.4	20.6	17.8		14.4
19		14.4	16.7			19.4	17.8		20.6	17.8		14.4
20		14.4			17.8	21.1			20.6	17.8	13.3	15.0
21	15.0			16.7	17.8	20.6	17.8		20.6		17.8	13.3
22		14.4	16.7		19.4	20.0			20.6	17.8	13.3	15.0
23		14.4	15.6	16.1		20.6		23.9	20.6	17.2	13.9	15.0
24	15.6	15.6	16.1			20.6	20.0		20.6	17.2	15.0	15.0
25		14.4	15.6	13.9	18.3		18.9	23.9	20.6	17.2	15.0	
26	15.0	15.6	15.6	14.4	18.9	21.1	18.9	22.2	21.1	17.2	15.0	
27	15.0	15.6	15.6	14.4		20.0				17.8		15.0
28	15.0	15.6	16.1	13.9	20.0		20.6	23.9	20.6		13.9	
29	15.0		16.1	13.9	20.0	20.0	20.6		20.6		14.4	15.0
30	15.0		16.1	16.1	18.9	20.6	19.4				14.4	
31	15.0		16.1	16.1	18.9	20.6				17.8	14.4	14.4
1-10 MEANS	15.34	14.65	15.94	16.29	15.31	19.53	19.36	21.05	22.47	20.21	16.11	14.09
SAMPLE SIZE	7	8	9	7	7	6	7	8	9	8	7	8
11-20 MEANS	15.24	14.63	16.12	16.02	16.87	20.56	18.96	23.15	20.30	18.34	15.20	14.48
SAMPLE SIZE	5	8	9	5	3	9	7	6	8	9	6	8
21-31 MEANS	15.07	15.00	15.94	15.20	18.89	20.44	19.27	23.48	20.68	17.46	14.15	14.80
SAMPLE SIZE	8	8	9	8	7	8	6	4	6	7	8	6
MONTHLY MEANS	15.21	14.76	16.00	15.79	17.06	20.25	19.19	22.29	21.25	18.71	15.10	14.42
SAMPLE SIZE	20	24	27	20	17	23	20	18	23	24	21	22
MAXIMUM VALUE	15.6	15.6	17.2	16.7	20.0	22.2	21.1	26.7	23.3	21.1	17.8	15.0
MINIMUM VALUE	15.0	13.9	15.0	13.9	13.3	16.7	17.8	19.4	19.4	17.2	13.3	12.8
RANGE	0.6	1.7	2.2	2.8	6.7	5.5	3.3	7.3	3.9	3.9	4.5	2.2
STANDARD DEV.	0.29	0.51	0.48	0.96	2.00	1.32	0.99	1.84	1.11	1.29	1.25	0.57
ANNUAL MIN	12.8		ANNUAL MEAN				17.50	ANNUAL MAX				26.7

# Point Dume, CA



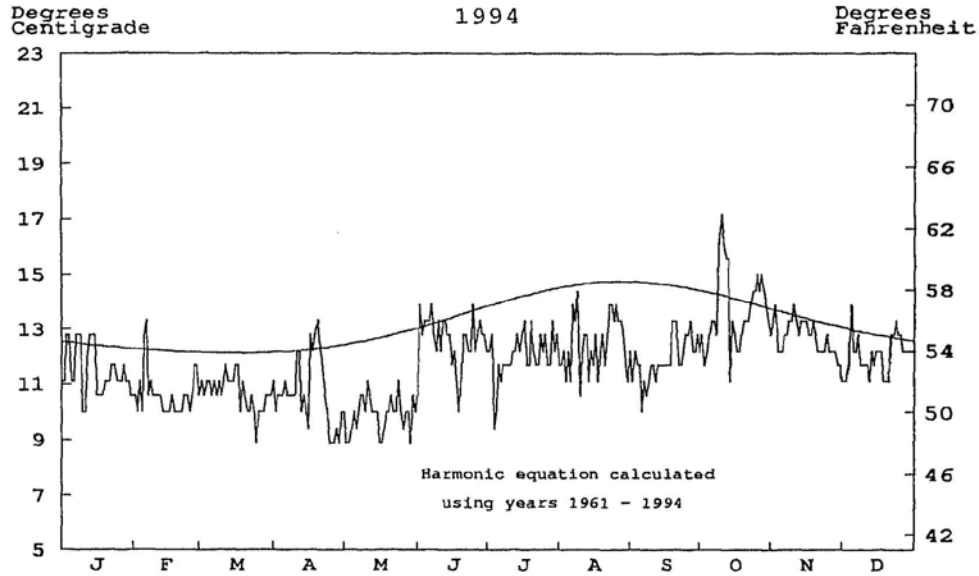
DAYS	POINT DUME											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.4	13.9	15.6	15.6	13.3	15.0	18.9	18.3	21.1	16.7	17.8	14.4
2	15.6	13.9	14.4	15.0	13.3	15.0	18.9	17.8	21.1	18.9	18.3	15.0
3	15.6	14.4	13.9	14.4	13.9	15.6	19.4	18.9	21.7	18.9	16.1	15.0
4	15.6	14.4	13.9	13.9	13.9	15.6	18.3	18.3	21.1	18.3	16.1	14.4
5	15.6	14.4	14.4	13.3	15.6	16.7	17.8	18.9	21.1	17.8	16.1	14.4
6	14.4	15.0	14.4	15.6	13.3	16.7	17.8	19.4	20.0	18.3	15.6	15.6
7	14.4	15.0	15.6	15.6	13.9	15.6	16.1	20.0	20.0	20.0	15.6	14.4
8	14.4	15.0	16.1	14.4	14.4	16.7	17.2	20.0	19.4	20.0	15.6	13.9
9	15.0	14.4	15.6	14.4	15.0	19.2	17.2	20.0	19.4	20.0	16.1	13.3
10	15.0	14.4	15.0	13.9	14.4	18.3	17.2	21.1	19.0	19.4	16.7	13.3
11	13.3	13.9	15.0	15.0	16.1	19.4	18.9	18.9	18.3	18.9	15.2	13.9
12	14.4	12.2	13.9	15.6	16.1	18.9	15.0	20.0	17.2	18.9	15.6	15.0
13	14.4	13.3	14.4	14.4	14.4	17.8	18.3	20.0	17.2	17.8	15.6	14.4
14	15.0	14.4	15.0	15.6	14.4	17.2	15.6	20.6	17.2	17.8	15.6	13.9
15	15.0	14.4	15.6	14.4	14.4	17.8	17.8	20.6	18.3	16.1	15.0	15.0
16	15.0	14.4	15.6	15.0	14.4	16.7	17.8	21.1	19.4	18.3	15.6	14.4
17	15.0	13.9	15.6	15.0	12.8	18.3	17.2	21.1	18.9	18.3	14.4	14.4
18	15.0	13.3	15.6	14.4	13.9	18.3	17.8	21.1	18.9	17.8	13.9	14.4
19	15.0	14.4	15.6	15.0	13.3	18.3	15.6	22.8	18.3	18.3	12.2	14.4
20	15.0	14.4	16.1	15.6	14.4	17.2	16.7	22.8	18.3	17.8	12.2	13.9
21	15.0	14.4	16.1	15.6	14.4	17.8	16.1	22.2	18.3	17.8	13.3	14.4
22	15.0	14.4	16.1	14.4	15.0	17.2	16.1	22.2	18.3	17.8	13.3	14.4
23	15.0	13.9	13.9	13.9	15.0	17.8	16.1	22.2	18.3	17.8	14.4	14.4
24	15.0	13.9	13.3	13.9	16.1	17.8	15.6	21.1	18.3	17.8	14.4	15.0
25	15.0	14.4	13.3	13.3	16.1	18.3	16.7	21.1	18.3	16.7	14.4	14.4
26	15.0	14.4	14.4	13.3	16.1	16.7	13.9	21.1	17.8	17.2	13.3	13.9
27	15.0	15.0	14.4	13.3	16.7	17.2	15.6	21.7	18.9	17.2	12.8	14.4
28	13.9	15.6	15.0	11.7	15.6	16.1	15.6	21.1	18.9	17.8	12.8	14.4
29	13.3	15.6	15.6	11.7	15.6	16.7	17.2	21.1	17.8	17.2	12.8	14.4
30	13.3	15.6	15.6	11.7	16.7	17.8	17.8	20.0	18.3	17.2	13.3	14.4
31	13.3	14.4	14.4	14.4	16.7	18.9	18.9	20.0	17.8	17.8	14.4	14.4
1-10 MEANS	15.00	14.43	14.89	14.61	13.82	16.55	17.88	19.27	20.39	18.83	16.40	14.37
SAMPLE SIZE	10	10	10	10	10	10	10	10	10	10	10	10
11-20 MEANS	14.71	13.86	15.24	15.00	14.42	17.99	17.07	20.80	18.20	18.00	14.53	14.37
SAMPLE SIZE	10	10	10	10	10	10	10	10	10	10	10	10
21-31 MEANS	14.44	14.44	14.74	13.28	15.62	17.23	16.33	21.31	18.32	17.48	13.48	14.41
SAMPLE SIZE	10	8	11	10	8	10	11	11	10	11	10	11
MONTHLY MEANS	14.72	14.23	14.95	14.30	14.55	17.26	17.07	20.52	18.97	18.08	14.80	14.38
SAMPLE SIZE	30	28	31	30	28	30	31	31	30	31	30	31
MAXIMUM VALUE	15.6	15.6	16.1	15.6	16.7	19.4	19.4	22.8	21.7	20.0	18.3	15.6
MINIMUM VALUE	13.3	12.2	13.3	11.7	12.8	15.0	13.9	17.8	17.2	16.1	12.2	13.3
RANGE	2.3	3.4	2.8	3.9	3.9	4.4	5.5	5.0	4.5	3.9	6.1	2.3
STANDARD DEV.	0.70	0.65	0.85	1.16	1.10	1.14	1.35	1.32	1.24	0.96	1.58	0.48
ANNUAL MIN		11.7										
ANNUAL MEAN						16.15						
ANNUAL MAX										22.8		

# Santa Barbara, CA



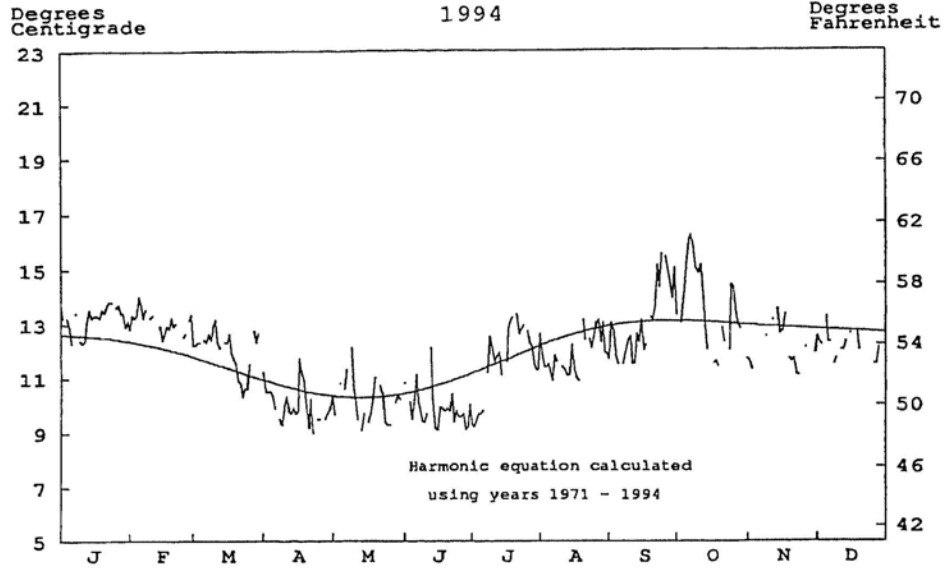
DAYS	SANTA BARBARA											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.1	13.9	15.0	16.9	14.2	15.4	18.1	18.3			17.7	12.7
2	14.1	13.7	15.0	16.9	14.4	15.4	17.9	18.2			17.7	13.2
3	14.1	13.7	15.0	16.9	16.6	19.0	17.5	19.7			17.7	
4	14.1	13.7	15.0	16.9	16.6	19.4				17.9	16.5	13.6
5	14.1	14.3		16.9	16.7	18.7					17.7	
6	14.2	14.3		16.9	15.7	18.3					16.5	
7	14.2	14.1	15.0	16.3	15.3	18.1	17.5	18.9			16.5	13.6
8	13.8	14.1		16.3	15.5	18.1					16.5	
9	13.8	14.3		16.3	15.5	18.1					16.5	
10	13.8	14.3		16.3	15.5	18.1		18.4		18.2	16.5	
11	14.5	14.3		13.5	15.5	18.5					16.5	
12	14.5	14.3		13.5	15.5	17.0					15.7	
13	14.5	13.8	15.4	13.5	15.5	17.0	18.5				15.6	13.4
14	14.5	13.7		13.5	15.8	17.0	16.9	19.4			15.6	13.4
15	14.6	13.7		13.5	15.8	17.6	16.7	20.5			15.6	13.3
16	14.6	13.9	15.7	14.1	14.4	17.6	18.1				15.6	
17	14.8	13.9	16.0	14.0	14.3	18.1	15.3				14.8	
18	14.8	13.8		14.0	14.3	18.1					14.1	13.7
19	14.8	13.8		16.6	14.1	18.1	15.1				14.1	13.9
20	15.0	13.4		16.1	14.1	18.5	15.4				14.4	
21	15.0	13.8	16.7	16.1	14.1	18.5	15.4	20.5			19.4	
22	15.0	14.2	16.6	16.2	16.0	18.1	16.2	21.0		16.8	12.5	
23	14.9	13.4		16.2	15.7	18.1	16.2			16.8	12.5	13.7
24	14.9	13.9		15.7	15.7	18.1	17.5			16.8	12.5	
25	14.9	13.9		15.7	15.9	19.3					12.3	
26	14.9	14.3		11.5	16.3	19.7		20.9			12.3	
27	14.9	14.7	16.3	11.5	15.3	19.7		21.5		17.5	12.7	
28	14.9	14.9		11.5	15.7	19.7	18.2	21.3		17.7	12.7	
29	14.1			13.2	17.5	18.3		21.5		17.8	12.7	
30	14.1			13.2		18.1					12.7	13.7
31	14.4		17.1				16.4					13.7
1-10 MEANS	14.03	14.04	15.00	16.30	15.49	18.16	17.75	19.00	19.29	18.05	16.98	13.27
SAMPLE SIZE	10	10	5	10	8	9	4	3	10	2	10	4
11-20 MEANS	14.66	13.86	15.95	14.23	14.54	17.76	16.31	20.13	19.27		15.01	13.54
SAMPLE SIZE	10	10	4	10	5	10	7	3	10		10	5
21-31 MEANS	14.73	14.14	16.67	14.11	16.06	18.70	16.76	21.24	18.73	17.23	12.52	13.70
SAMPLE SIZE	11	8	3	10	7	10	5	5	10	6	10	3
MONTHLY MEANS	14.48	14.00	15.73	14.88	15.45	18.21	16.81	20.33	19.10	17.44	14.84	13.49
SAMPLE SIZE	31	28	12	30	20	29	16	11	30	8	30	12
MAXIMUM VALUE	15.0	14.9	17.1	16.9	17.5	19.7	18.5	21.5	20.3	18.2	17.7	13.9
MINIMUM VALUE	13.8	13.4	15.0	11.5	14.1	15.4	15.1	18.4	18.2	16.8	12.3	12.7
RANGE	1.2	1.5	2.1	5.4	3.4	4.3	3.4	3.1	2.1	1.4	5.4	1.2
STANDARD DEV.	0.40	0.35	0.78	1.79	0.96	0.91	1.11	1.07	0.65	0.56	2.00	0.32
ANNUAL MIN	11.5		ANNUAL MEAN 16.23				ANNUAL MAX 21.5					

# Morro Bay, CA



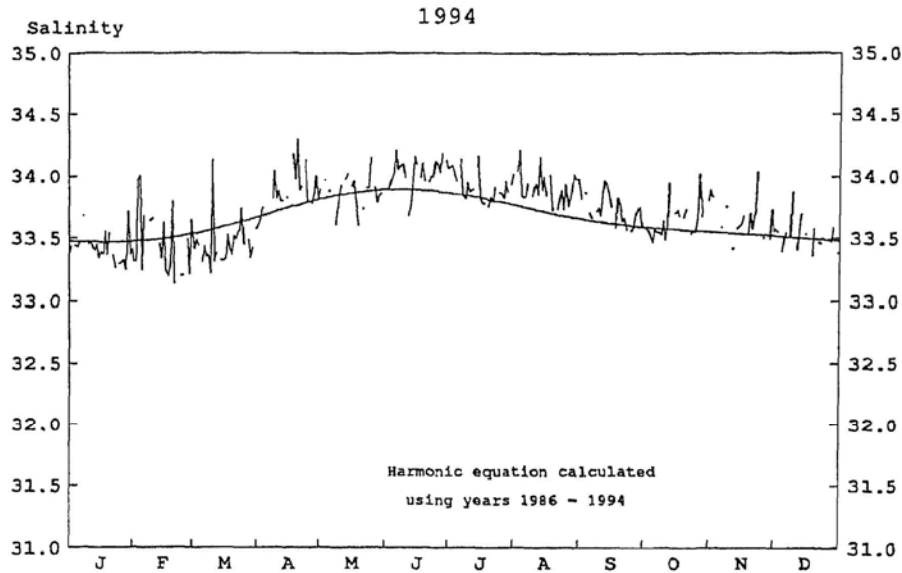
DAYS	MORRO BAY											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.1	10.6	11.1	10.0	8.9	13.9	12.2	11.7	11.1	12.8	13.3	11.1
2	11.1	10.0	10.6	10.6	8.9	12.8	12.8	12.2	12.2	13.3	13.9	11.1
3	12.8	11.1	11.1	10.6	9.4	13.3	9.4	11.1	11.7	12.2	12.2	11.7
4	12.8	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
5	11.1	12.8	10.6	11.1	9.4	13.3	11.7	11.1	10.0	13.3	12.2	12.2
6	11.1	13.3	11.1	10.6	10.0	13.9	11.1	13.9	11.1	13.3	12.8	12.2
7	12.8	10.6	10.6	10.6	10.6	12.8	11.7	13.3	10.6	12.8	13.3	12.8
8	12.8	11.1	11.1	10.6	10.6	10.6	11.7	14.4	11.1	16.1	13.3	11.7
9	12.8	10.6	10.6	10.6	10.0	13.3	11.7	10.6	11.7	17.2	13.3	11.7
10	10.0	10.6	11.1	12.2	11.1	12.2	11.7	12.2	11.7	16.1	13.9	11.7
11	10.0	10.6	11.7	12.2	10.6	13.3	12.2	12.8	11.1	15.6	13.3	11.7
12	12.2	10.6	11.1	10.0	10.0	13.3	12.2	12.8	11.7	15.6	12.8	11.1
13	12.8	10.0	11.1	10.6	10.0	12.8	12.8	11.1	11.1	11.1	13.3	12.2
14	12.8	10.0	11.1	10.0	10.0	12.8	12.2	12.2	11.7	13.3	13.3	11.7
15	12.8	10.0	11.7	9.4	8.9	11.7	12.8	11.7	11.7	12.8	13.3	12.2
16	10.6	10.0	11.7	12.8	8.9	12.2	13.3	12.8	11.7	12.2	12.8	12.2
17	10.6	10.6	10.0	12.2	9.4	11.1	11.7	11.1	11.7	12.2	12.8	12.2
18	10.6	10.0	11.1	12.8	10.0	10.0	11.7	12.2	13.3	12.8	13.3	11.1
19	11.1	10.0	10.6	13.3	10.0	11.1	13.3	12.8	13.3	13.3	12.8	11.1
20	11.1	10.0	10.0	12.2	10.6	12.8	12.2	11.7	13.3	13.3	12.2	11.1
21	11.1	10.0	10.0	11.7	10.0	12.8	11.7	12.8	11.7	13.3	12.2	12.8
22	11.7	10.6	10.6	10.6	10.0	12.2	11.7	13.9	11.7	13.9	12.2	12.8
23	11.7	10.6	10.0	10.0	11.1	12.2	12.8	13.9	12.2	14.4	12.2	13.3
24	11.1	10.0	8.9	8.9	10.0	13.9	12.2	13.3	12.8	14.4	12.8	12.8
25	11.1	10.6	10.0	8.9	9.4	12.2	12.8	13.9	12.8	15.0	12.2	12.8
26	11.1	11.7	10.0	8.9	10.0	12.8	11.7	13.3	13.3	14.4	12.2	12.2
27	11.7	11.7	10.0	9.4	10.0	13.3	11.7	13.3	12.2	15.0	12.2	12.2
28	11.1	10.6	10.6	8.9	8.9	12.8	13.3	12.8	12.2	14.4	11.7	12.2
29	11.1	10.6	10.0	10.6	10.6	12.8	12.2	11.7	12.8	13.9	11.7	12.2
30	10.6	10.6	10.6	10.0	10.0	12.2	12.8	11.1	12.2	13.3	11.1	12.2
31	10.6	11.1	11.1	10.6	10.6	11.7	12.2	11.7	12.2	12.8	11.1	12.2
1-10 MEANS	11.84	11.07	10.90	10.75	9.89	13.10	11.40	12.27	11.29	13.83	12.99	12.01
SAMPLE SIZE	10	10	10	10	10	10	10	10	10	10	10	10
11-20 MEANS	11.46	10.18	11.01	11.55	9.84	12.11	12.44	12.12	12.12	13.22	12.99	11.66
SAMPLE SIZE	10	10	10	10	10	10	10	10	10	10	10	10
21-31 MEANS	11.17	10.73	10.22	9.73	10.05	12.72	12.24	12.93	12.39	14.07	12.05	12.52
SAMPLE SIZE	11	8	11	10	11	10	11	11	10	11	10	11
MONTHLY MEANS	11.48	10.65	10.69	10.68	9.93	12.64	12.03	12.45	11.93	13.72	12.68	12.08
SAMPLE SIZE	31	28	31	30	31	30	31	31	30	31	30	31
MAXIMUM VALUE	12.8	13.3	11.7	13.3	11.1	13.9	13.3	14.4	13.3	17.2	13.9	13.9
MINIMUM VALUE	10.0	10.0	8.9	8.9	8.9	10.0	9.4	10.6	10.0	11.1	11.1	11.1
RANGE	2.8	3.3	2.8	4.4	2.2	3.9	3.9	3.8	3.3	6.1	2.8	2.8
STANDARD DEV.	0.91	0.84	0.62	1.25	0.63	0.87	0.85	1.02	0.81	1.41	0.67	0.69
ANNUAL MIN	8.9											
ANNUAL MEAN	27											
ANNUAL MAX	17.2											

# Granite Canyon, CA



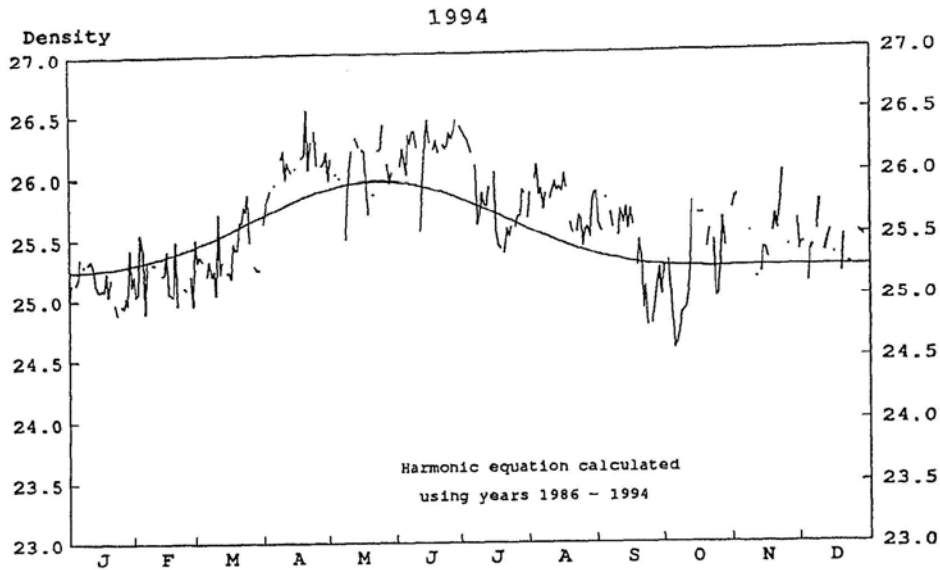
DAYS	GRANITE CANYON													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1	13.6	13.3	12.2	10.5	9.7									
2	13.2	13.2	12.3	10.5		10.1	9.2	11.9	13.0		11.6	12.3		
3		13.3	12.3	10.5		9.5	9.5	11.4	12.7	13.0	11.3	12.2		
4	13.2	14.0		10.3	10.8	10.2	9.7	11.4	11.8	14.1				
5	12.9	13.7	12.4	9.9	10.6	11.1	9.8	11.3	11.5	15.2		13.2		
6	12.3	13.2	12.3		11.3	10.1		11.2	11.2	16.0		12.3		
7		13.5	12.6	9.5		9.8	11.2	11.8	11.5	16.2				
8	13.4		12.4	9.3	12.1	9.4	12.5	11.6	12.4	15.7				
9		12.4	12.9	10.0	10.6	9.4	12.0	11.8	12.5	15.0	12.5	11.5		
10	12.4	13.3		10.3		9.7	11.6	11.4	12.5	14.8		11.7		
11	12.3		12.3	9.8	9.5	9.7	11.8	11.3	11.5	15.1				
12	12.4		12.1	9.7	9.1	12.1	11.9	11.1	12.6	14.0	13.1	12.0		
13	13.1	12.9		9.9	9.1	10.2	11.1	11.1	12.3	12.8		12.0		
14	13.6	12.4	12.3	9.7	9.7	9.2		12.2	13.1	12.0		12.6		
15	13.2	12.6	12.3	9.8		9.1	11.6	11.3	12.0	12.7		12.6		
16	13.3	12.9	12.6	11.7	9.4	9.9	12.8	11.0	12.2	11.5	13.3			
17	13.3	12.8	11.9	11.2	9.7	9.9	13.1	10.9		11.4				
18	13.2	15.2	11.7	10.9	10.2	9.8	13.2		13.2	11.7	12.7			
19	13.5	12.9	11.5	9.9	11.0	9.9		13.1	13.1	11.6		12.7		
20	13.4	13.0	10.9	9.2		9.8	13.3	13.1	13.1	11.6	12.0			
21	13.7		10.3	10.2	10.7	10.4	12.6	12.4	13.5	12.8	11.7	12.7		
22	13.8		10.3	9.0		9.4	12.8	12.4	14.3	11.1	12.7			
23		12.6	10.6	9.5	9.4	9.8	12.9		15.5	12.0				
24			10.6	9.5	9.3	9.6		12.5		14.4				
25	13.6		11.5	9.5	9.3	9.6	12.7	13.0	15.4	14.3	12.1			
26	13.7	13.1	12.7	9.5	10.1	9.7	12.3	13.1	15.0	13.5		11.5		
27	13.4	13.3		9.7	10.1	9.1	12.1	12.3	14.4	13.0		11.5		
28	13.4	12.2	12.3	9.7	10.4	9.2	11.5	13.0	13.9	12.8		12.1		
29	12.9		12.6	9.9	10.2	10.0	11.3	11.9	15.0		11.9			
30	13.1			10.3		9.3	11.3	11.9	13.3	12.5				
31	12.8		11.2		10.8		12.6		11.7					
1-10 MEANS	13.00	13.41	12.50	10.09	10.74	9.92	10.58	11.46	12.09	15.01	11.80	12.21		
SAMPLE SIZE	7	9	9	9	7	9	9	9	9	9	3	7		
11-20 MEANS	13.12	12.84	11.96	10.18	9.80	9.99	12.35	11.60	12.61	12.30	12.52	12.27		
SAMPLE SIZE	10	8	9	10	7	9	8	9	9	7	8	6		
21-31 MEANS	13.42	12.74	11.40	9.70	10.07	9.61	12.21	12.39	14.66	13.00	11.74	12.10		
SAMPLE SIZE	10	5	9	8	9	10	10	10	9	8	5	5		
MONTHLY MEANS	13.20	13.05	11.95	10.01	10.19	9.83	11.71	11.84	13.12	13.55	12.14	12.20		
SAMPLE SIZE	27	22	27	27	23	28	27	28	27	24	16	18		
MAXIMUM VALUE	13.8	14.0	13.1	11.7	12.1	12.1	13.3	13.1	15.5	16.2	13.5	13.2		
MINIMUM VALUE	12.3	12.2	10.3	9.0	9.1	9.1	9.2	10.9	11.5	11.4	11.1	11.5		
RANGE	1.5	1.8	2.8	2.7	3.0	3.0	4.1	2.2	4.0	4.8	2.4	1.7		
STANDARD DEV.	0.45	0.43	0.77	0.61	0.74	0.62	1.21	0.69	1.29	1.52	0.77	0.47		
ANNUAL MIN	9.0		ANNUAL MEAN					11.90	ANNUAL MAX					16.2

# Granite Canyon, CA



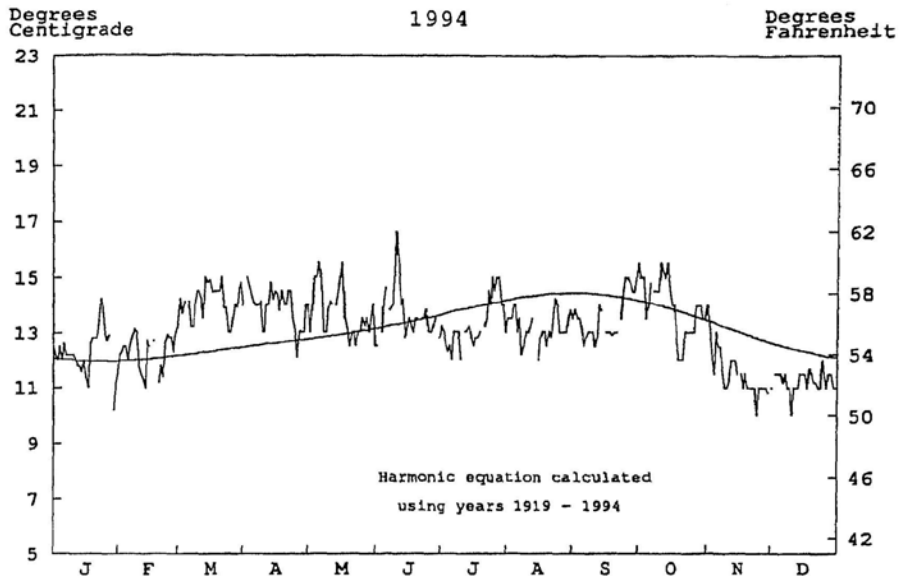
DAYS	GRANITE CANYON											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.38	33.31	33.41	33.61	33.89		34.07		33.98		33.89	33.57
2	33.43	33.31	33.48	33.66		33.90	34.08	34.38	33.82	33.58	33.84	33.55
3		33.97	33.44	33.74	33.97	33.84	34.09	34.05				
4	33.44	34.00				33.99	34.02	34.21	33.87	33.51		33.40
5	33.43	33.24	33.31	33.68	33.88	34.03	33.97	33.84		33.47		33.49
6	33.47	33.67			34.47	34.21		33.83	33.71	33.57	33.59	33.54
7			33.35			34.06	34.14	33.84	33.67	33.55		
8	33.68		33.36	33.82	33.61	34.09	33.85	33.94		33.55	33.75	33.52
9		33.64	33.22	34.04	33.74	34.10	33.82		33.72	33.53		33.87
10	33.45	33.66	34.13	33.82	33.86	34.00	33.95	33.84	33.74	33.64		
11	33.46		33.31	33.88	33.92		33.88	33.91	33.69	33.48	33.42	33.41
12	33.42		33.38	33.80		33.69	33.89	33.94	33.88	33.59		33.54
13	33.40			33.80	33.98	33.77	33.90	33.86	33.96	33.94	33.58	33.69
14	33.44	33.45	33.32	33.43	34.02	33.96		34.16	33.95	33.60		
15	33.34	33.62	33.32	33.82		34.16	34.16	33.90	33.87		33.62	33.53
16	33.39	33.24	33.33		33.92	34.10	33.82	34.00	33.76	33.70		
17	33.37	33.20	33.52		33.96	34.42	33.78	33.85		33.72		
18	33.55	33.28	33.41	34.17	33.76	34.00	33.78		33.59	33.68	33.55	33.36
19	33.37	33.27	33.37	33.98	33.61	34.11		34.01	33.82	33.70	33.70	33.57
20	33.53	33.14	33.51	34.29		33.97	33.76	33.73	33.78	33.67	33.58	
21			33.49	33.89	33.74		33.83		33.64	33.73	33.71	33.46
22	33.36		33.54	33.92	34.36	33.96	33.80	33.74		33.66		33.45
23	33.26		33.56		33.91	34.00	33.91	33.82	33.57	33.54		
24		33.20	33.73	34.13	33.97	34.00		33.89		33.56		
25	33.29		33.45	33.79	34.15	34.12	33.87	33.74	33.56	33.55	33.50	
26	33.30	33.48				34.09	33.87	33.93	33.59	33.65		33.49
27	33.32	33.21	33.48	33.78	33.91	34.04	33.83	33.76	33.70	34.02		33.47
28	33.25	33.64	33.34	33.86	33.79	34.18	33.96	33.83	33.74	33.68	33.49	33.58
29	33.71		33.42	34.00	33.85	34.43	33.88	33.93	33.75		33.72	
30	33.37			33.81	33.86	34.13	34.36	34.01	33.60		33.55	33.38
31	33.41		33.57				33.94	33.98		33.81		
1-10 MEANS	33.47	33.60	33.46	33.77	33.83	34.04	34.00	33.95	33.79	33.55	33.77	33.56
SAMPLE SIZE	7	8	9	7	6	9	9	8	7	9	4	7
11-20 MEANS	33.43	33.38	33.39	33.96	33.88	33.97	33.87	33.93	33.81	33.68	33.59	33.52
SAMPLE SIZE	10	8	9	7	7	8	8	9	9	7	8	6
21-31 MEANS	33.36	33.35	33.51	33.90	33.89	34.06	33.88	33.86	33.65	33.69	33.67	33.47
SAMPLE SIZE	9	5	9	8	8	8	9	10	8	8	6	6
MONTHLY MEANS	33.42	33.46	33.45	33.88	33.87	34.02	33.92	33.91	33.74	33.64	33.66	33.52
SAMPLE SIZE	26	21	27	22	21	25	26	27	25	24	18	19
MAXIMUM VALUE	33.71	34.00	34.13	34.29	34.15	34.21	34.16	34.21	33.98	34.02	34.03	33.87
MINIMUM VALUE	33.25	33.14	33.22	33.61	33.61	33.69	33.76	33.73	33.56	33.47	33.42	33.36
RANGE	0.46	0.86	0.91	0.68	0.54	0.52	0.40	0.48	0.42	0.55	0.61	0.51
STANDARD DEV.	0.11	0.26	0.17	0.17	0.13	0.12	0.11	0.12	0.12	0.13	0.15	0.12
ANNUAL MIN	33.14											
ANNUAL MEAN	33.71											
ANNUAL MAX	34.29											

# Granite Canyon, CA



DAYS	GRANITE CANYON					SIGMA T			YEAR 1994				
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1	25.02	25.02	25.32	25.78	26.14		26.36	25.85	25.60		25.80	25.42	
2	25.14	25.04	25.35	25.82		26.08	26.32	26.22	25.54	25.29	25.82	25.43	
3	25.15	25.54	25.32	25.88	26.01	26.21	26.29	25.96		25.05			
4	25.20	25.42				26.13	26.24	26.07	25.81		24.78	25.11	
5	25.20	24.89	25.20	25.94	25.97	26.00	26.18	25.84		24.57		25.36	
6	25.34	25.32	25.31		26.31	26.32		25.88	25.68	24.60		25.40	
7			25.19			26.25	26.07	25.73	25.58	24.70			
8	25.29		25.24	26.15	25.49	26.34	25.60	25.84		24.85	25.52	25.53	
9		25.30	25.03	26.20	25.87	26.35	25.67		25.50	24.88		25.77	
10	25.31	25.30	25.70	25.98	26.05	26.22	25.85	25.80	25.70	24.90			
11	25.34		25.22	26.11	26.19		25.76	25.87	25.67	25.02	25.15	25.35	
12	25.29		25.31	26.07		25.55	25.75	25.93	25.60	25.34		25.46	
13	25.13	25.21	26.03		26.30	25.96	25.90	25.87	25.72	25.77	25.19	25.52	
14	25.08	25.22	25.23	25.78	26.24	26.27	26.01	25.90	25.56		25.39		
15	25.07	25.40	25.23	26.06		26.44	26.01	25.87	25.71	25.38		25.33	
16	25.09	25.05	25.18		26.21	26.27	25.52	26.00	25.59	25.67	25.31		
17	25.07	25.04	25.46		26.19	26.52	25.43	25.90		25.67			
18	25.23	25.02	25.41	26.15	25.95	26.21	25.41		25.26	25.68	25.52	25.18	
19	25.03	25.48	25.42	26.17	25.69	26.27		25.61	25.46	25.65	25.52	25.48	
20	25.17	24.95	25.63	26.53		26.18	25.37	25.53	25.40	25.54			
21			25.64	26.05	25.85		25.37		25.35	25.55	25.75	25.26	
22	24.96		25.76	26.27	26.38	26.24	25.50	25.53	25.09	26.00		25.25	
23	24.88	25.10	25.73		26.20	26.21	25.57	25.65	24.76		25.46		
24		25.08	25.86	26.36	26.22	26.24		25.63	24.99		25.68		
25	24.95		25.88	26.09	26.40		26.33	25.58	25.42	24.78			
26	24.94	25.20			26.29	25.65	25.54		24.89	25.25	25.41	25.51	
27	25.01	24.95	25.28	26.08	26.08	26.35	25.66	25.37	25.10	25.63		25.49	
28	24.96	25.50	25.24	26.11	25.94	26.44	25.88	25.49	25.23	25.41		25.47	
29	25.41		25.25	26.19	26.02	26.51	25.85	25.78	25.01		25.61		
30	25.11			25.97		26.39	26.22	25.84	25.25		25.37		
31	25.20		25.63				25.65	25.85		25.72			
1-10 MEANS	25.21	25.23	25.30	25.96	25.92	26.21	26.06	25.87	25.63	24.85	25.71	25.43	
SAMPLE SIZE	7	8	9	7	6	9	9	8	7	9	3	7	
11-20 MEANS	25.15	25.17	25.34	26.16	26.11	26.14	25.64	25.83	25.55	25.51	25.39	25.39	
SAMPLE SIZE	10	8	9	7	7	8	8	9	9	7	8	6	
21-31 MEANS	25.05	25.16	25.54	26.14	26.10	26.31	25.66	25.63	25.00	25.38	25.63	25.40	
SAMPLE SIZE	9	5	9	8	7	8	9	10	9	8	5	5	
MONTHLY MEANS	25.13	25.19	25.39	26.09	26.05	26.22	25.79	25.77	25.37	25.22	25.53	25.41	
SAMPLE SIZE	26	21	27	22	20	25	26	27	25	24	16	18	
MAXIMUM VALUE	25.41	25.54	25.86	26.53	26.40	26.44	26.36	26.07	25.81	25.77	26.00	25.77	
MINIMUM VALUE	24.88	24.89	25.03	25.78	25.49	25.55	25.37	25.42	24.76	24.57	25.15	25.11	
RANGE	0.53	0.65	0.82	0.75	0.91	0.89	0.99	0.65	1.04	1.19	0.85	0.65	
STANDARD DEV.	0.14	0.20	0.21	0.17	0.22	0.18	0.30	0.17	0.32	0.38	0.24	0.15	
ANNUAL MIN	24.57		ANNUAL MEAN				30	25.60		ANNUAL MAX			26.53

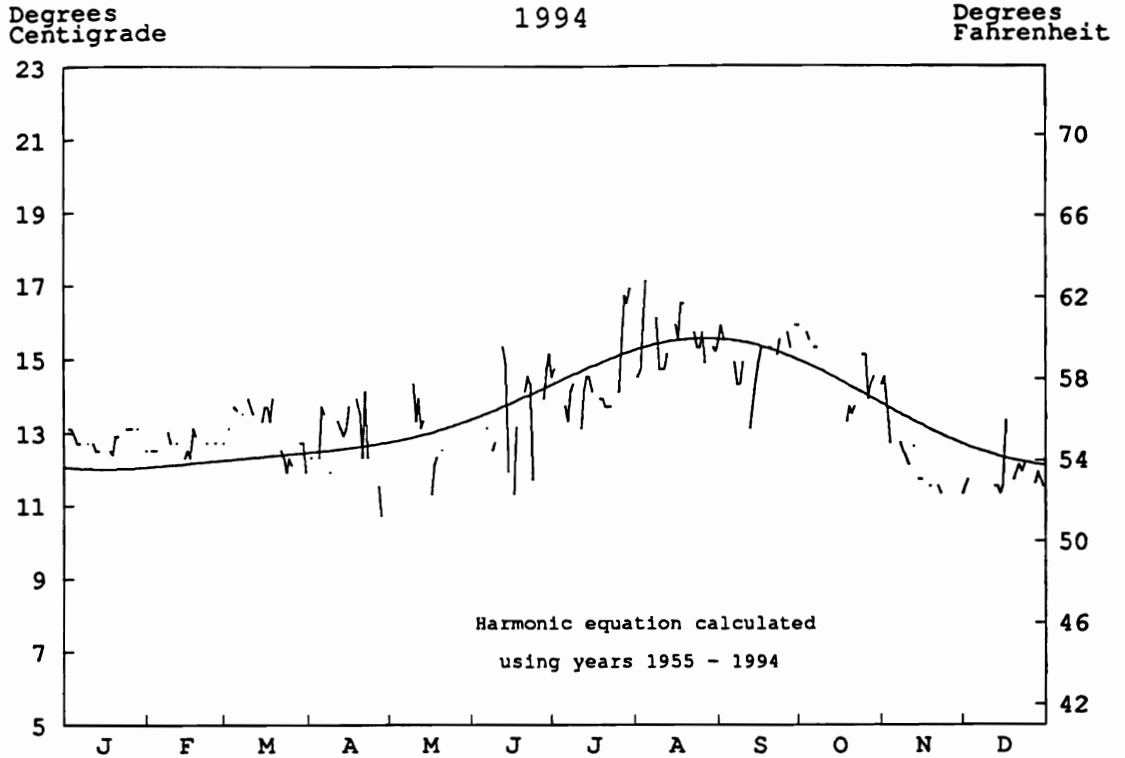
# Pacific Grove, CA



DAYS	PACIFIC GROVE											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.5	12.2	14.2		13.0	12.5	13.2	13.5	13.5	15.5	14.0	11.0
2	12.2	12.3	13.7	15.0	14.0	12.5	13.0	13.5	13.8	15.0	13.2	11.5
3	12.0	12.5	14.1	14.7	15.0	13.0	12.5	13.5	13.5	15.0	12.0	11.5
4	12.0	12.0		14.1	15.5	14.6	12.5	14.0	13.0	14.0	13.0	11.5
5	12.0	12.5	13.2	14.0	15.0	18.0	12.0	13.0	12.5	14.8	12.5	11.5
6	12.2	12.8	13.2	14.0	13.8	14.2	12.0	13.5	12.8	14.5	12.5	11.5
7	12.2	13.1	14.7	14.1	13.0	14.0	13.0	12.2	13.0	14.5	11.8	11.0
8	12.2	13.0	14.5	13.0	13.8	15.0	11.0	12.5	13.0	14.3	11.0	11.0
9	12.2	11.8	14.5	13.0	14.1	16.6	12.0	13.0	13.0	14.5	11.0	10.0
10	12.0	11.5	14.2	14.0	14.0	15.5	13.0	12.5	15.5	11.2	11.2	11.0
11	11.8	11.3	13.5	14.0	13.0	14.0	13.0	13.2	12.8	15.2	12.0	11.0
12	11.8	11.0	15.0	14.8	14.0	14.2	13.1	13.5	14.0	15.0	12.0	11.0
13	11.6	12.7	14.8	14.2	14.5	12.8	13.2	13.8	15.3	12.0	11.3	11.0
14	12.0	12.5	14.9	14.5	15.0	13.2	12.8	14.5	14.5	11.5	11.5	11.0
15	11.4		14.5	14.4	15.5	13.5	12.5	12.0	13.0	14.0	11.5	11.5
16	11.0	12.7	14.5	13.8	13.5	13.2	12.8	12.8	13.0	14.0	11.5	11.0
17	11.0		14.5	14.0	13.0	13.0	12.8	13.0	13.0	14.0	11.0	11.0
18	10.8	11.2	14.5	14.0	12.8	13.0	15.0	13.0	12.0	14.0	11.5	11.5
19	10.8	11.8	14.5	14.0	13.0	13.5		12.5	13.0	12.0	11.0	11.2
20	12.8	11.4	15.0	14.5	13.0	13.0	13.2	13.0	13.0	12.0	11.0	11.2
21	12.8	11.4	15.0	14.5	13.0	13.0	13.2	13.0	13.0	12.0	11.0	11.2
22	13.4	12.6	13.9	14.5	12.5	13.5	13.5	12.8	13.0	11.8	11.8	11.0
23	14.2	13.9	13.9	13.5	13.0	13.5	14.5	13.5	12.5	13.0	11.0	11.0
24	14.0	12.8	13.0	13.0	13.0	13.8	14.0	14.2	14.5	13.0	10.0	12.0
25	13.0	12.8	13.0	12.1	13.5	13.0	12.0	14.0	15.0	13.0	11.0	11.5
26	12.7	12.3	13.5	13.0	13.0	13.0	12.0	13.0	15.0	13.0	11.0	11.0
27	12.9	13.0	14.0	13.0	13.5	13.2	15.0	13.0	14.8	14.0	11.0	11.5
28	10.2	13.2	13.9	13.0	13.0	13.5	15.0	13.0	14.5	14.0	11.0	11.5
29	11.2		14.8	14.0	13.5	14.0	14.0	13.0	14.5	14.0	10.8	11.5
30	11.2		14.0	14.0	14.0	12.8	14.0	13.5	15.0	13.5	11.0	11.0
31	11.5		14.0		12.5		13.0	13.8		13.5		11.0
1-10 MEANS	12.26	12.47	13.96	14.03	14.14	14.21	12.65	13.27	13.16	14.59	12.25	11.13
SAMPLE SIZE	10	10	9	9	10	8	10	10	10	9	10	9
11-20 MEANS	11.98	11.84	14.49	14.22	13.88	13.64	12.90	12.88	13.11	14.07	11.52	11.29
SAMPLE SIZE	10	8	10	10	9	10	8	8	9	10	9	10
21-31 MEANS	12.59	12.63	13.96	13.46	13.15	13.29	14.15	13.35	14.42	13.27	10.87	11.25
SAMPLE SIZE	10	8	11	10	11	8	11	11	9	11	9	11
MONTHLY MEANS	12.28	12.32	14.14	13.90	13.76	13.71	13.29	13.19	13.55	13.93	11.57	11.23
SAMPLE SIZE	30	26	30	29	30	26	29	29	28	30	28	30
MAXIMUM VALUE	14.2	13.2	15.0	15.0	15.5	16.6	13.0	14.2	15.0	15.5	14.0	12.0
MINIMUM VALUE	10.2	11.0	13.0	12.1	12.5	12.5	12.0	12.0	12.5	12.0	10.0	10.0
RANGE	4.0	2.2	2.0	2.9	3.0	4.1	3.0	2.2	2.5	3.5	4.0	2.0
STANDARD DEV.	0.83	0.63	0.58	0.68	0.90	0.91	0.86	0.54	0.80	1.04	0.86	0.36
ANNUAL MIN	10.0											
ANNUAL MEAN	13.07											
ANNUAL MAX	16.6											

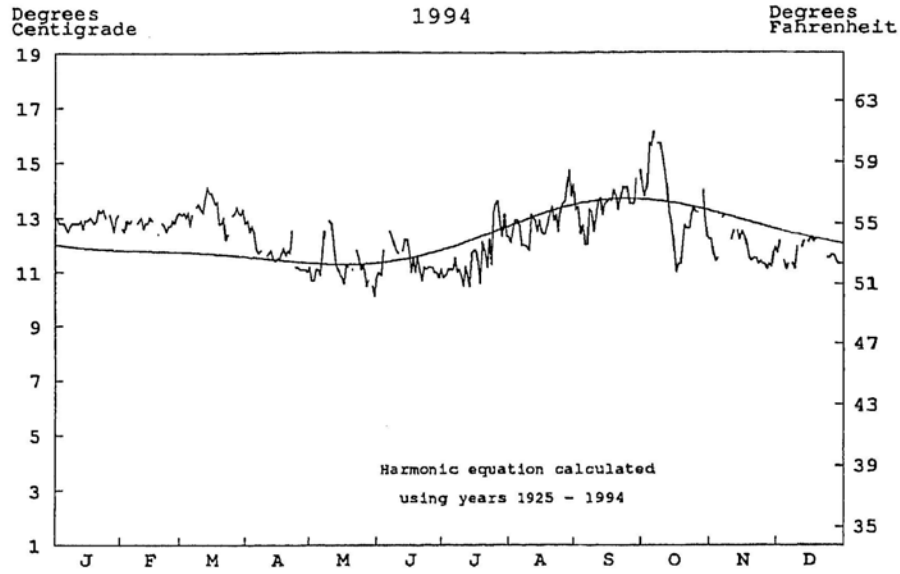


# Santa Cruz, CA



DAYS	SANTA CRUZ											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				12.3			14.7	14.5	15.9		14.5	11.5
2		12.5	13.1					14.7	15.5		13.7	11.7
3	13.1	12.5						16.1		15.7		
4	13.1	12.5	13.7	12.3				17.1		15.5		
5	12.9		13.6	13.7			13.7					
6	12.7			13.5		13.1	13.3		14.9	15.3		
7	12.7		13.5				14.1		14.3	15.3	12.7	
8		13.0		11.9		12.5	14.3	16.1	14.3		12.5	
9		12.7	13.9		14.3	12.7		14.7	14.9		12.3	
10	12.7		13.7		13.3			14.7			12.1	
11		12.7	13.5	13.3	13.9		13.1	14.7				
12	12.7			13.1	13.1	15.3	14.1	15.1	13.1		12.6	11.5
13	12.5		12.9	12.9	13.3	14.9	14.5		13.7			11.5
14	12.5	12.3	13.3	13.1	11.9	11.9	14.5		14.3		11.7	11.3
15		12.3	13.7	13.7			14.1	15.9	14.9		11.7	11.3
16		12.3	13.7	13.7	11.3	11.3		15.5	15.3		11.7	11.3
17		13.1	13.3		12.1	13.1		16.5				13.3
18	12.5	12.9	13.9	13.9	12.3		13.9	16.5		13.3	11.5	
19	12.4			13.5			13.9		15.3	13.7		11.7
20	12.9			12.3	12.5	14.1	13.7		15.3	13.5		11.9
21	12.9		12.5	14.1		14.5	13.7		15.3	13.7	11.5	12.1
22		12.7	12.3	12.3		14.3	13.7	15.7	15.1	13.7	11.3	11.9
23			11.9	12.3		11.7		15.3	15.5		11.3	12.1
24	13.1		12.3				14.1	15.3		15.1		
25	13.1	12.7	12.1				15.3	15.7		15.1		
26	13.1			11.5			15.3	14.9	15.7	13.9		
27				10.7		13.9	16.7		15.3	14.3		11.6
28	13.1	12.7	12.7			14.7	16.5		15.3	14.5		11.9
29			12.7			15.1	16.9	15.3	15.9			11.7
30			11.9			14.5		15.2	15.9		11.3	11.5
31	12.5							15.5		14.3		
1-10 MEANS	12.87	12.64	13.58	12.74	13.80	12.77	14.02	15.41	14.97	15.45	12.93	11.60
SAMPLE SIZE	6	5	6	5	2	3	5	7	6	4	7	2
11-20 MEANS	12.58	12.63	13.57	13.23	12.64	13.43	13.98	15.70	14.56	13.50	11.88	11.81
SAMPLE SIZE	6	6	6	8	7	6	8	6	7	3	4	7
21-31 MEANS	12.97	12.70	12.30	12.15		14.10	15.27	15.36	15.57	14.41	11.37	11.83
SAMPLE SIZE	6	3	8	4		7	7	8	6	7	3	7
MONTHLY MEANS	12.81	12.65	13.06	12.83	12.90	13.60	14.44	15.48	15.01	14.51	12.29	11.79
SAMPLE SIZE	18	14	20	17	9	16	20	21	19	14	14	16
MAXIMUM VALUE	13.1	13.1	13.9	14.1	14.3	15.3	16.9	17.1	15.9	15.7	14.5	13.3
MINIMUM VALUE	12.4	12.3	11.9	10.7	11.3	11.3	13.1	14.5	13.1	13.3	11.3	11.3
RANGE	0.7	0.8	2.0	3.4	3.0	4.0	3.8	2.6	2.8	2.4	3.2	2.0
STANDARD DEV.	0.26	0.24	0.70	0.93	0.94	1.29	1.09	0.70	0.77	0.81	0.93	0.46
ANNUAL MIN	10.7											
ANNUAL MEAN	13.45											
ANNUAL MAX	17.1											

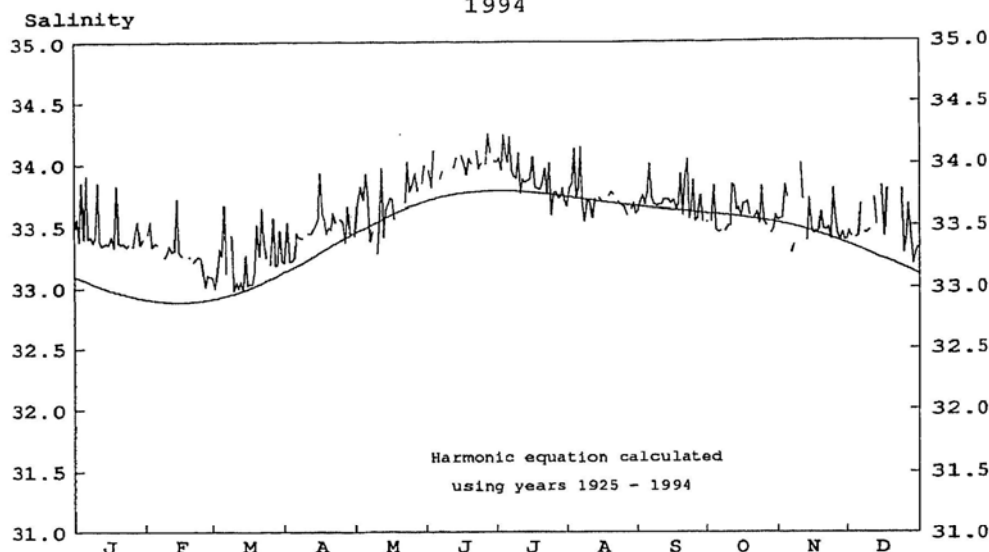
# Farallon Islands, CA



DAYS	FARALLON ISLANDS											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.0	12.6	13.1	12.9	10.7	11.0	10.8	12.1	13.3	14.1	12.2	11.7
2	13.0	12.5	13.2	12.5	10.7	10.9	10.9	12.6	13.4	13.8	11.7	12.1
3	12.8	12.9	13.0	12.7	11.1	11.8	11.1	12.9	12.4	14.2	11.4	
4	12.8	12.8	13.2	12.5	11.1	11.1	11.1	12.9	12.7	15.0	11.5	11.4
5	12.8	12.9	12.7	11.9	10.9	11.1	11.1	12.7	12.0	15.6	11.1	11.1
6	12.6		13.1	11.7	11.7	12.5	11.5	12.0	12.0	16.1	13.0	11.3
7	12.5			11.8	12.5	12.3	11.0	12.0	13.3		13.1	
8	12.7	12.8	13.4		12.9	12.0	13.1	12.0	13.2	15.7		11.3
9	12.8	12.9	13.5		12.8	11.8	10.8	11.9	12.5	15.7		11.1
10	12.8	13.0	13.3	11.6	12.9	11.7	10.5	11.8	13.0	15.2	12.2	11.9
11	12.8	12.6	13.2	11.7	12.0	11.2	11.2	13.1	13.6	14.7	12.5	
12	12.8	12.8	13.7	11.8	11.3	12.2	10.9	12.0	13.7	14.1		11.9
13	12.9	12.8	14.1	11.5	10.8	11.9	10.5	12.0	13.7	13.2	12.5	11.9
14	12.6	13.0	13.9	11.4	10.9	12.2	11.7	12.5	13.5	12.8	12.2	12.1
15	12.9	12.9	13.9	11.5	10.8	11.7	11.8	12.8	13.6	11.9	12.5	12.1
16	12.9	12.9	13.7	11.5	10.6	11.0	11.8	12.5	13.7	11.9	12.5	12.3
17	13.0		13.5	11.7	11.3	11.5	11.3	12.4	13.6	11.3	12.0	12.1
18	12.9	12.4	13.6	11.9	11.2	11.0	10.6	12.4	14.0	11.3	11.5	12.2
19	12.8		12.8	11.8	11.5	11.6	12.1	12.7	13.8	12.1		11.4
20	12.9	12.8	12.8	11.8	11.1	11.0	11.8	12.1	13.8	12.1	11.4	11.5
21	13.3	12.7	13.0	11.7	11.8	10.7	11.2	13.4	13.8	12.6	11.5	
22	13.2	12.5	12.2	12.5	11.8	11.2	12.2	12.9	14.1	12.6	11.3	
23	13.3	12.7	12.4		11.5	11.1	11.3	13.1	14.1	13.1	11.4	11.5
24	13.0	12.7		11.2	11.1	11.2	13.2	12.5	14.1	13.4	11.3	11.5
25		12.9	13.1	11.2	11.3	11.2	13.5	13.2	13.5	13.2	11.3	11.6
26	13.1	12.8	13.4	11.1	10.9	11.2	13.6	13.5	13.5	13.2	11.1	11.6
27	12.8	13.1	13.4	11.1	10.7	11.0	12.7	13.5	13.5	13.2	11.1	11.6
28	12.5	13.2	13.2	11.1		11.0	12.3	14.2	14.4	14.0	11.2	11.3
29	13.0		13.1	11.0	10.5	10.8	13.1	14.7		13.0	11.7	11.3
30	13.1		13.3	11.2	10.1	11.1	12.3	13.8		12.3	11.9	11.3
31			12.8		10.8		12.3	14.2	14.7	12.2		
1-10 MEANS	12.78	12.80	13.17	12.20	11.60	11.75	10.99	12.29	12.78	15.12	12.16	11.49
SAMPLE SIZE	10	8	9	8	9	8	10	10	10	9	7	8
11-20 MEANS	12.85	12.76	13.52	11.64	11.14	11.56	11.37	12.75	13.59	12.51	12.04	12.12
SAMPLE SIZE	10	7	10	10	9	9	10	10	10	10	9	6
21-31 MEANS	13.03	12.82	12.97	11.34	10.92	11.05	12.52	13.55	13.97	12.96	11.40	11.45
SAMPLE SIZE	9	8	10	9	9	10	11	11	9	10	10	8
MONTHLY MEANS	12.88	12.80	13.22	11.71	11.22	11.43	11.65	12.89	13.43	13.48	11.83	12.65
SAMPLE SIZE	29	23	29	27	27	27	31	31	29	29	26	22
MAXIMUM VALUE	13.3	13.2	14.1	12.9	12.9	12.5	13.6	14.7	14.7	16.1	13.1	12.3
MINIMUM VALUE	12.5	12.4	12.2	11.0	10.1	10.7	10.5	11.8	12.0	11.0	11.1	11.1
RANGE	0.8	0.8	1.9	1.9	2.8	1.8	3.1	2.9	2.7	5.1	2.0	1.2
STANDARD DEV.	0.20	0.19	0.43	0.52	0.69	0.51	0.88	0.71	0.65	1.45	0.57	0.38
ANNUAL MIN	10.1		ANNUAL MEAN				12.35	ANNUAL MAX				16.1

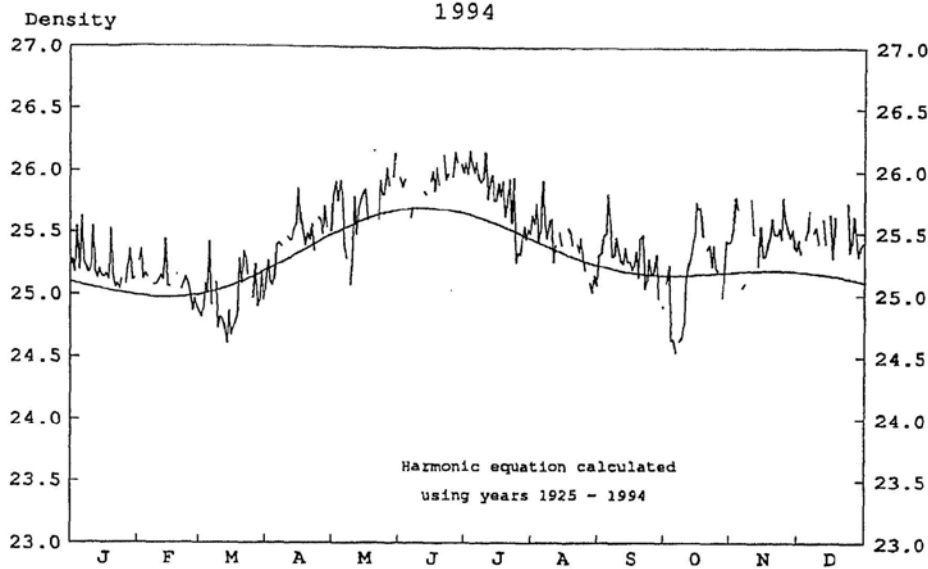
# Farallon Islands, CA

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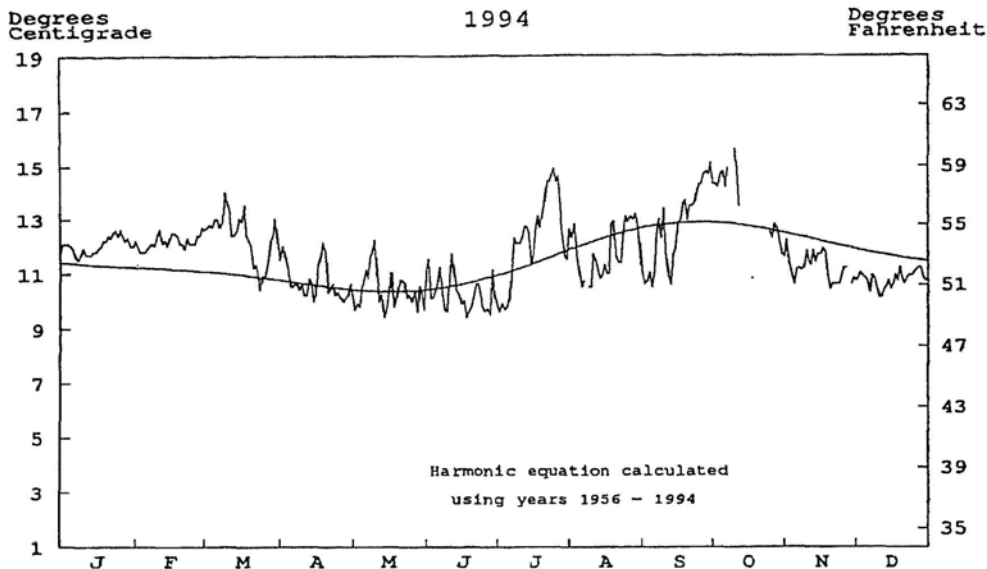
DAYS	FARALLON ISLANDS											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.49	33.44	33.00	33.52	33.66	33.94	34.04	33.80	33.69		33.55	33.45
2	33.56	33.53	33.13	33.21	33.81	33.81	33.95	33.84	33.74	33.54	33.56	33.41
3	33.38	33.33	33.31	33.22	33.71	34.10	34.23	34.12	33.67	33.82	33.82	
4	33.85	33.36	33.26	33.25	33.91		34.09	33.72	33.76	33.47	33.73	33.40
5	33.40	33.35	33.66	33.44	33.74		34.01	33.80	33.99	33.45		33.41
6	33.90		33.12	33.41	33.38	33.88	34.21	34.13	33.72	33.46	33.28	33.66
7	33.40			33.40	33.45	33.93	33.94	33.67	33.67		33.34	
8	33.41	33.25	33.42				33.90	33.54	33.66	33.46		33.44
9	33.37	33.28	32.98		33.28	34.43U	33.88	33.70	33.67	33.50		33.44
10	33.41	33.34	33.04	33.44	33.60	34.34U	34.08	33.69	33.67	33.50	33.99	33.46
11	33.85	33.29	33.00	33.44	33.96		33.76	33.57	33.71	33.83	33.71	
12	33.38	33.30	33.05	33.47	33.41	33.97	33.87	33.71	33.71	33.81		33.71
13	33.34	33.71	32.98	33.51	33.63	34.04	33.85	33.71	33.71	33.63	33.38	33.51
14	33.35	33.29	33.26	33.55	33.68		33.86	33.72	33.68	33.64	33.71	
15	33.36	33.26	33.02	33.92	33.72	34.06	33.88	33.69	33.70	33.58	33.47	33.81
16	33.35		33.03	33.60	33.71	34.00	34.05		33.64	33.67	33.43	33.41
17	33.41		33.03	33.55	33.56	33.91	33.81		33.67	33.68	33.45	33.78
18	33.33	33.25	33.13	33.44	34.32U	34.04	33.80	33.74	33.91	33.69	33.59	
19	33.82		33.51	33.49		34.00	33.79	33.77	33.59	33.59	33.60	
20	33.37	33.21	33.26	33.47	34.24	34.43U	33.85	33.75	33.87	33.47		
21	33.35	33.24	33.64	33.60		34.10	33.96		34.03	33.57	33.46	
22	33.36	33.25	33.38	33.53	33.69	33.96	33.75	33.69	33.56	33.61	33.48	
23	33.33	33.24	33.25		34.01	34.00	34.00	33.67	33.63	33.52	33.39	33.78
24	33.35	33.01	33.19	33.55	33.77		33.59	33.66	33.86	33.81	33.79	33.28
25				33.53	33.83	34.00	33.76	33.64	33.54	33.53	33.57	33.39
26	33.34	33.10	33.56	33.37	33.92	34.24	33.77	33.59	33.56	33.50	33.43	33.66
27	33.45	33.09	33.18	33.65	33.78	34.09	33.72		33.74		33.38	33.43
28	33.53	33.08		33.44			33.73	33.64	33.54	33.44	33.44	33.19
29	33.35		33.46		33.84	34.02	33.80	33.68		33.47	33.38	33.27
30	33.39		33.22	33.42	33.98	34.01	33.70	33.60	33.53	33.58	33.39	33.32
31			33.20		34.39U		33.66	33.62		33.54		
1-10 MEANS	33.52	33.36	33.21	33.36	33.62	33.93	34.03	33.80	33.72	33.52	33.61	33.46
SAMPLE SIZE	10	8	9	8	9	5	10	10	10	8	7	8
11-20 MEANS	33.46	33.33	33.13	33.54	33.74	34.00	33.85	33.71	33.72	33.68	33.52	33.64
SAMPLE SIZE	10	7	10	10	8	7	10	7	10	9	9	5
21-31 MEANS	33.38	33.14	33.33	33.51	33.85	34.05	33.77	33.64	33.67	33.56	33.47	33.42
SAMPLE SIZE	9	8	10	8	8	8	11	9	9	10	10	8
MONTHLY MEANS	33.45	33.27	33.22	33.48	33.73	34.01	33.88	33.72	33.70	33.59	33.53	33.49
SAMPLE SIZE	29	23	29	26	25	20	31	26	29	27	26	21
MAXIMUM VALUE	33.90	33.71	33.66	33.92	34.24	34.24	34.23	34.13	34.03	33.83	33.99	33.81
MINIMUM VALUE	33.33	33.01	32.98	33.21	33.28	33.81	33.59	33.54	33.53	33.44	33.28	33.19
RANGE	0.57	0.70	0.68	0.71	0.96	0.43	0.64	0.59	0.50	0.39	0.71	0.62
STANDARD DEV.	0.17	0.15	0.20	0.14	0.22	0.09	0.15	0.14	0.13	0.12	0.17	0.18
ANNUAL MIN	32.98											
ANNUAL MEAN	33.59											
ANNUAL MAX	34.24											

# Farallon Islands, CA



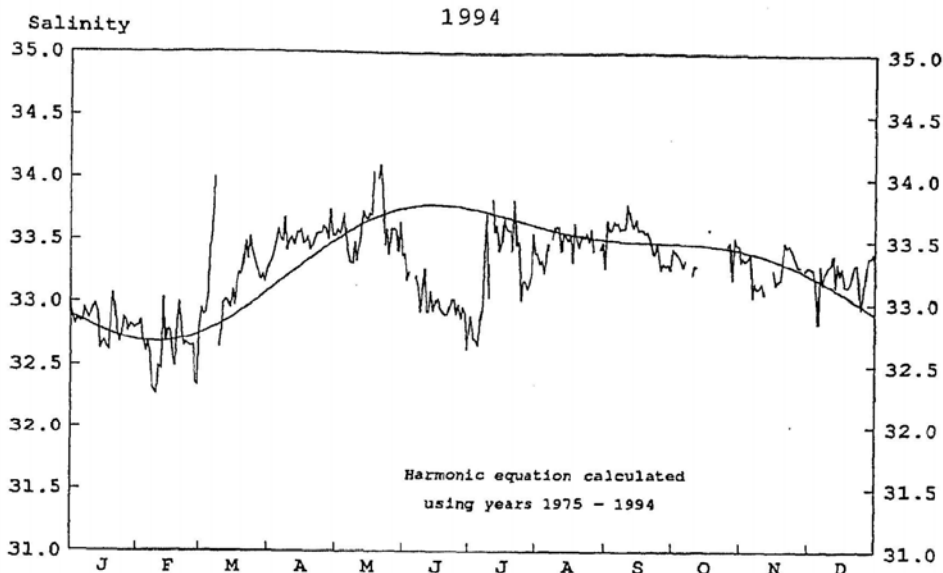
DAYS	FARALLON ISLANDS											YEAR 1994		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1	25.22	25.26	24.82	25.27	25.79	25.95	26.06	25.64	25.32		25.43	25.44		
2	25.28	25.35	24.91	25.10	25.90	25.87	25.98	25.57	25.34		25.53	25.34		
3	25.18	25.12	25.08	25.07	25.75	25.93	26.16	25.73	25.48	25.10	25.23	25.78		
4	25.54	25.16	25.01	25.14	25.91		26.05	25.42	25.49	24.64	24.64	25.70	25.46	
5	25.19	25.14	25.41	25.40	25.81		25.89	25.32	25.81	24.65	24.65	25.32	25.68	
6	25.62		24.92	25.41	25.39	25.62	26.07	25.81	26.60	24.54	25.06	25.68		
7	25.25			25.38	25.29	25.70	25.95	25.56	25.30		25.09			
8	25.22	25.08	25.09		25.08	25.90	25.90	25.46	25.32	24.63		25.51		
9	25.17	25.08	24.73		25.35	26.18U	25.94	25.60	25.46	24.66		25.54		
10	25.20	25.11	24.82	25.45	25.35	26.13U	26.15	25.61	25.36	24.77	25.77	25.41		
11	25.54	25.15	24.80	25.43	25.78		25.77	25.27	25.27	25.14		25.49		
12	25.18	25.12	24.74	25.44	25.48	25.83	25.91	25.39	25.25	25.25	25.24	25.61		
13	25.13	25.43	24.61	25.53	25.69	25.81	25.97	25.39	25.37	25.29	25.55	25.41		
14	25.19	25.07	24.86	25.57	25.77		25.76	25.50	25.27	25.38	25.55	25.41		
15	25.14	25.07	24.68	25.84	25.81	25.92	25.76	25.40	25.27	25.51	25.31	25.65		
16	25.14		24.73	25.60	25.84	25.00	25.89		25.20	25.74	25.31	25.30		
17	25.16		24.77	25.52	25.60	25.84	25.80		25.24	25.69	25.39	25.62		
18	25.12	25.15	24.82	25.40	26.21U	26.03	25.91	25.53	25.35	25.70	25.48	25.61		
19	25.52		25.28	25.49		25.89	25.63	25.50	25.14	25.48	25.61	25.41		
20	25.15	25.05	25.09	25.44	26.17	26.33U	25.73	25.41	25.46	25.49	25.49	25.41		
21	25.06	25.09	25.34	25.56		26.13	25.93		25.48	25.36	25.49	25.41		
22	25.08	25.14	25.29	25.35	25.61	25.93	25.58	25.40	25.05	25.40	25.54	25.74		
23	25.04	25.09	25.15		25.91	25.98	25.94	25.34	25.11	25.23	25.45	25.35		
24	25.12	24.99		25.61	25.80		25.26	25.45	25.29	25.39	25.78	25.35		
25		24.87	24.97	25.60	25.81	25.96	25.33	25.30	25.16	25.21	25.61	25.41		
26	25.09	24.96	25.24	25.49	26.02	26.15	25.32	25.20	25.18	25.19	25.54	25.62		
27	25.23	24.89	24.90	25.71	25.88	26.07	25.46		25.32		25.46	25.46		
28	25.35	24.87	24.95	25.54			25.45	25.10	24.98		25.33	25.31		
29	25.12		25.18		25.96	26.05	25.44	25.02		25.21	25.39	25.38		
30	25.13		24.96	25.51	26.14	25.99	25.52	25.15	24.90	25.43	25.36	25.41		
31			25.04		26.34U		25.49	25.08		25.42				
1-10 MEANS	25.29	25.16	24.98	25.28	25.59	25.81	26.02	25.60	25.45	24.78	25.48	25.49		
SAMPLE SIZE	10	8	9	8	9	5	10	10	10	8	7	8		
11-20 MEANS	25.23	25.15	24.84	25.53	25.77	25.90	25.81	25.43	25.28	25.46	25.43	25.52		
SAMPLE SIZE	10	7	10	10	8	7	10	7	10	9	9	5		
21-31 MEANS	25.13	24.99	25.10	25.55	25.89	26.03	25.53	25.23	25.16	25.28	25.51	25.46		
SAMPLE SIZE	9	8	10	8	8	8	11	9	9	10	10	8		
MONTHLY MEANS	25.22	25.10	24.97	25.46	25.74	25.93	25.78	25.43	25.30	25.19	25.48	25.48		
SAMPLE SIZE	29	23	29	26	25	20	31	26	29	27	26	21		
MAXIMUM VALUE	25.62	25.43	25.41	25.84	26.17	26.15	26.16	25.91	25.81	25.74	25.78	25.74		
MINIMUM VALUE	25.04	24.87	24.61	25.07	25.08	25.62	25.26	25.02	24.90	24.54	25.06	25.30		
RANGE	0.58	0.57	0.81	0.77	1.09	0.52	0.90	0.89	0.90	1.20	0.72	0.44		
STANDARD DEV.	0.15	0.13	0.21	0.17	0.26	0.13	0.26	0.21	0.18	0.35	0.28	0.13		
ANNUAL MIN		24.54			ANNUAL MEAN	25.42		ANNUAL MAX		26.17				

# Bodega Bay, CA



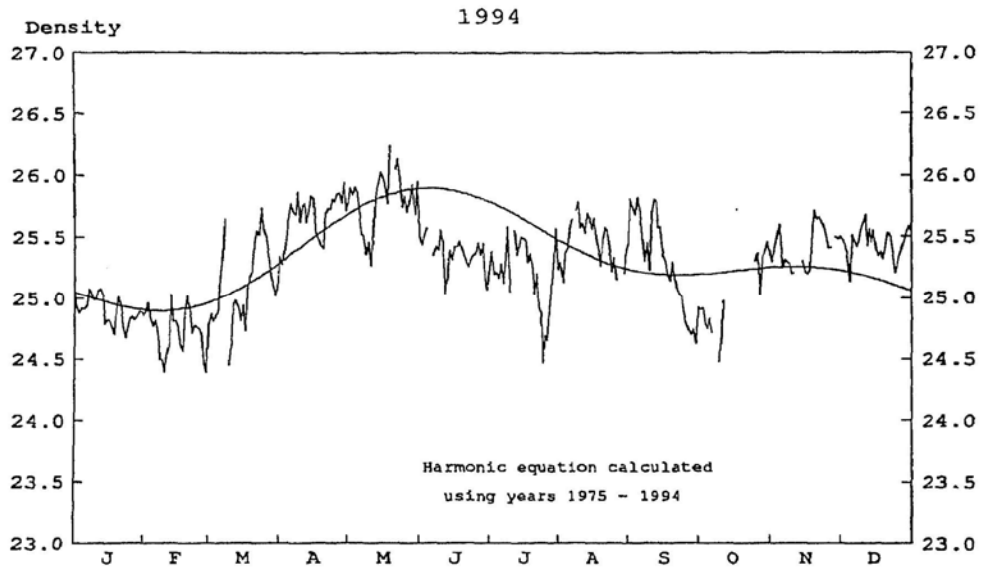
DAYS	BODEGA BAY											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.8	12.0	12.7	12.0	9.7	11.5	9.6	12.3	10.6	14.3	12.2	10.8
2	12.1	11.8	12.8	11.6	9.9	10.5	9.9	12.8	10.7	14.2	11.4	11.0
3	12.1	11.8	12.7	11.2	9.8	10.1	9.7	11.6	11.0	14.7	10.9	10.9
4	12.0	11.8	13.0	10.6	10.5	10.3	9.8	11.0	10.5	14.8	10.6	10.8
5	11.9	12.0	13.0	10.8	10.8	10.7	10.1	10.5	11.0	14.2	11.1	10.7
6	11.9	12.0	12.7	10.8	11.1	11.2	11.3	10.7	12.3	14.9	11.2	10.3
7	11.9	12.1	12.9	10.6	10.8	10.5	12.3	13.0	13.0	14.9	11.1	10.9
8	11.9	12.0	14.0	10.4	11.6	9.7	12.1	10.5	12.3	15.6	11.2	10.8
9	11.9	12.4	13.6	10.6	11.8	9.6	12.1	10.5	13.4	15.6	11.2	10.4
10	11.9	12.6	13.3	10.2	12.2	10.8	12.3	11.7	11.7	15.0	11.4	10.1
11	11.7	12.1	12.4	10.2	10.9	11.7	12.7	11.5	10.9	15.5	11.3	10.1
12	11.7	12.2	12.4	10.2	10.9	11.7	12.7	11.1	10.9	15.5	11.3	10.1
13	11.7	12.2	12.6	10.2	10.9	11.7	12.7	11.1	10.9	15.5	11.3	10.1
14	11.8	12.3	13.0	10.0	9.4	10.2	11.3	10.9	11.9	15.5	11.4	10.2
15	11.8	12.5	13.0	10.2	9.7	9.9	11.7	11.3	12.8	15.5	11.7	10.7
16	11.9	12.5	13.5	11.3	10.3	10.0	12.5	11.0	13.0	15.5	11.9	10.6
17	12.0	12.4	12.4	11.6	11.0	9.4	13.1	11.0	13.6	15.5	11.8	10.9
18	12.2	12.1	12.2	12.1	9.8	9.6	12.7	12.8	13.7	15.5	10.9	10.7
19	12.2	12.1	12.0	11.8	10.1	9.8	13.2	12.9	13.9	15.5	10.4	11.2
20	12.2	11.9	11.2	10.3	10.7	10.2	13.7	11.6	13.5	15.5	10.6	10.8
21	12.2	12.3	11.3	10.4	10.7	10.6	14.4	11.4	13.5	15.5	10.6	10.6
22	12.2	12.1	10.9	10.6	10.6	10.6	14.4	11.4	13.6	15.5	10.6	10.8
23	12.2	12.1	10.4	10.6	10.6	10.6	14.4	11.4	13.6	15.5	10.6	10.8
24	12.2	12.1	10.9	10.3	10.2	9.8	14.9	13.1	14.3	15.5	10.9	10.9
25	12.2	12.4	10.9	10.3	10.0	9.6	14.4	12.9	14.3	15.5	11.2	11.0
26	12.4	12.4	11.5	10.0	10.3	9.7	14.6	13.1	14.7	15.5	11.2	11.1
27	12.2	12.7	12.2	10.1	9.6	9.5	13.0	13.0	14.8	15.5	11.2	11.2
28	12.3	12.6	12.4	10.2	10.5	11.1	12.2	13.2	14.7	15.5	10.6	11.2
29	12.0	12.3	13.0	10.8	10.2	10.2	11.6	12.9	15.1	15.5	12.1	10.8
30	12.0	12.3	13.0	10.8	9.7	9.9	11.5	12.1	14.3	15.5	11.7	10.7
31	12.2	11.5	11.5	11.1	11.1	11.1	12.6	11.0	11.6	15.5	11.6	10.7
1-10 MEANS	11.87	12.04	13.07	10.83	10.82	10.45	10.92	11.29	11.65	14.71	11.29	10.67
SAMPLE SIZE	10	10	10	10	10	10	10	10	10	10	10	10
11-20 MEANS	11.94	12.21	12.46	10.89	10.21	10.22	12.61	11.49	12.47	12.15	11.35	10.63
SAMPLE SIZE	10	10	10	10	10	10	10	10	10	10	10	10
21-31 MEANS	12.32	12.34	11.57	10.27	10.27	10.14	13.48	12.41	14.33	12.23	10.80	10.90
SAMPLE SIZE	11	8	11	10	11	10	11	11	10	7	9	11
MONTHLY MEANS	12.05	12.19	12.34	10.66	10.43	10.27	12.37	11.77	12.82	13.39	11.16	10.74
SAMPLE SIZE	31	28	31	30	31	30	31	30	30	17	29	31
MAXIMUM VALUE	12.6	12.7	14.0	12.1	12.2	11.7	14.9	13.2	15.1	15.6	12.2	11.2
MINIMUM VALUE	11.5	11.8	10.4	10.0	9.4	9.4	9.6	10.5	10.5	10.8	10.4	10.1
RANGE	1.1	0.9	3.6	2.1	2.8	2.3	5.3	2.7	4.6	4.8	1.8	1.1
STANDARD DEV.	0.30	0.26	0.89	0.61	0.67	0.61	1.53	0.93	1.46	1.44	0.49	0.29
ANNUAL MIN	9.4											
ANNUAL MEAN	11.68											
ANNUAL MAX	15.6											

# Bodega Bay, CA



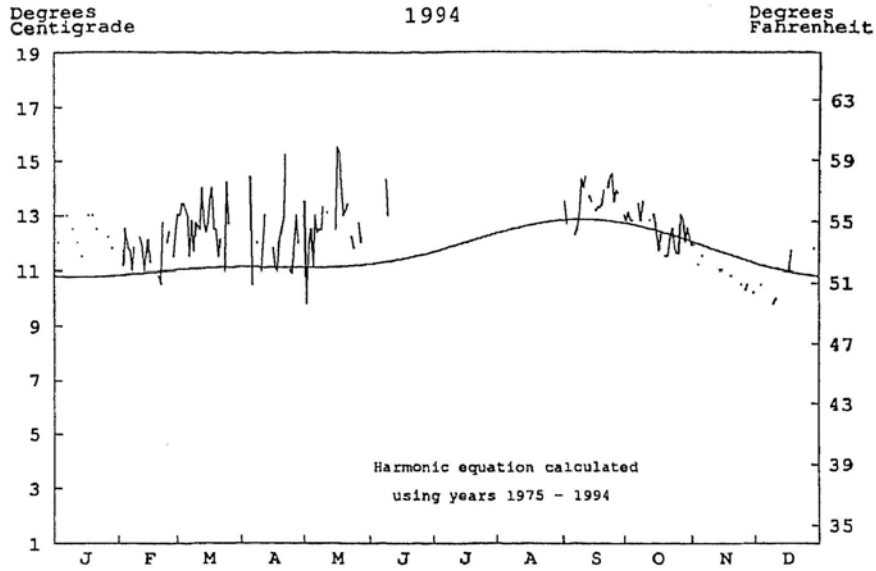
DAYS	BODEGA BAY					SALINITY					YEAR 1994	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	32.97	32.81	32.95	33.31	33.58	33.39	32.89	33.40	33.66	33.41	33.37	33.28
2	32.88	32.85	32.90	33.35	33.55	33.18	32.72	33.31	33.58	33.40	33.34	33.27
3	32.82	32.70	32.92	33.41	33.61	33.24	32.70	33.34	33.58	33.37	33.28	33.16
4	32.87	32.61	33.06	33.50	33.71			32.66	33.24	33.65	33.35	33.39
5	32.84	32.69	33.43	33.58	33.56			32.87	33.33	33.63	33.29	33.05
6	32.85	32.57	33.55	33.52	33.41	33.21	32.94	33.47	33.64	33.34	33.16	33.15
7	32.95	32.32	34.00	33.49	33.32	33.14	33.41	33.59			33.11	33.23
8	32.91	32.30		33.68	33.31	32.93	33.71	33.52	33.60		33.12	33.26
9	32.87	32.27	32.65	33.42	33.48	33.11	33.04	33.60	33.60	33.23	33.16	33.29
10	32.91	32.49	32.77	33.50	33.48			33.61	33.79	33.30	33.07	33.31
11	32.96	32.47	32.99	33.52	33.45	32.93	33.82	33.61	33.72	33.29		33.38
12	32.98	33.03	33.02	33.46	33.56	32.93	33.57	33.42	33.64			33.13
13	32.92	32.70	32.99	33.56	33.73	33.08	33.62	33.55	33.61			33.32
14	32.63	32.78	32.96	33.56	33.68	32.94	33.42	33.84	33.67			33.26
15	32.67	32.77	33.09	33.58	33.67	33.01	33.50	33.50	33.58		33.15	33.28
16	32.69	32.57	32.98	33.47	33.71	33.03	33.67	33.54	33.59		33.18	33.14
17	32.64	32.49	33.15	33.48	33.70	32.96	33.60	33.34	33.59	33.59	33.19	33.13
18	32.62	32.86	33.23	33.52	34.04	32.93	33.58	33.64	33.56		33.31	33.13
19	32.89	32.99	33.22	33.42		32.91	33.58	33.51	33.57		33.49	33.17
20	33.06	32.78	33.34	33.45	34.00	32.91	33.42	33.45	33.52		33.45	33.23
21	32.96	32.65	33.48	33.51	34.10	32.96	33.82	33.54	33.41		33.47	33.30
22	32.77	32.68	33.35	33.55	33.84	33.02	33.46	33.52	33.39		33.43	33.31
23	32.68	32.66	33.52	33.56	33.46	33.02	33.49	33.56	33.47		33.39	33.13
24	32.74	32.65	33.41	33.56	33.59	32.91	33.02	33.50	33.39		33.25	32.96
25	32.88	32.66	33.34	33.61	33.39	32.98	33.17	33.59	33.27	33.46	33.29	33.05
26	32.85	32.36	33.26	33.59	33.59	32.88	33.17	33.42	33.32	33.49	33.29	33.18
27	32.77	32.34	33.22	33.51	33.59	32.96	33.11		33.29	33.19	33.29	33.29
28	32.82	32.81	33.18	33.74	33.58	32.93	33.15		33.31	33.52	33.26	33.27
29	32.81		33.22	33.54	33.41	32.63	33.23	33.43	33.27	33.47	33.28	33.37
30	32.79		33.16	33.53	33.64	32.77	33.55	33.48	33.43	33.46	33.29	33.40
31	32.81		33.26		33.38		33.40	33.28		33.33		33.34
1-10 MEANS	32.89	32.56	33.14	33.48	33.49	33.18	32.99	33.42	33.63	33.34	33.21	33.21
SAMPLE SIZE	10	10	9	10	10	8	9	10	10	10	10	10
11-20 MEANS	32.81	32.74	33.10	33.50	33.73	32.96	33.58	33.51	33.60	33.44	33.29	33.21
SAMPLE SIZE	10	10	10	10	9	10	10	10	10	2	7	10
21-31 MEANS	32.81	32.60	33.31	33.57	33.60	32.91	33.32	33.48	33.35	33.42	33.34	33.25
SAMPLE SIZE	11	8	11	10	11	10	10	9	10	7	9	12
MONTHLY MEANS	32.83	32.64	33.19	33.52	33.60	33.01	33.31	33.47	33.53	33.38	33.28	33.22
SAMPLE SIZE	31	28	30	30	30	28	30	28	30	17	26	31
MAXIMUM VALUE	33.06	33.03	34.00	33.74	34.10	33.39	33.82	33.64	33.79	33.59	33.49	33.40
MINIMUM VALUE	32.62	32.27	32.65	33.31	33.31	32.63	32.66	33.24	33.27	33.19	33.05	32.84
RANGE	0.44	0.76	1.35	0.43	0.79	0.76	1.16	0.40	0.52	0.40	0.44	0.56
STANDARD DEV.	0.11	0.20	0.27	0.09	0.20	0.16	0.34	0.11	0.14	0.11	0.13	0.13
ANNUAL MIN		32.27				33.25				34.10		
ANNUAL MAX												

# Bodega Bay, CA



DAYS	BODEGA BAY					SIGMA T					YEAR 1994	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	25.05	24.89	24.86	25.28	25.89	25.43	25.37	25.29	25.80	24.90	25.29	25.47
2	24.92	24.96	24.81	25.38	25.84	25.51	25.19	25.12	25.72	24.91	25.41	25.43
3	24.88	24.84	24.84	25.50	25.90	25.56	25.21	25.37	25.68	24.78	25.55	25.36
4	24.92	24.77	24.89	25.68	25.86	25.16	25.16	25.41	25.87	24.74	25.59	25.13
5	24.91	24.81	25.18	25.76	25.69	25.27	25.27	25.56	25.71	24.62	25.24	25.51
6	24.94	24.70	25.33	25.69	25.52	25.35	25.12	25.64	25.46	24.71	25.11	25.46
7	25.07	24.49	25.64	25.67	25.52	25.30	25.30	25.57	25.45		25.23	25.42
8	25.06	24.49		25.85	25.35	25.39	25.39	25.71	25.45		25.28	25.66
9	24.99	24.39	24.45	25.62	25.45	25.34	25.05	25.77	25.23	24.48	25.20	25.55
10	24.99	24.53	24.61	25.75	25.26	25.46	25.46	25.57	25.71	24.66	25.20	25.62
11	25.06	24.61	24.95	25.76	25.59	25.04	25.54	25.60	25.80	24.97	25.20	25.67
12	25.08	25.02	24.98	25.61	25.83	25.16	25.34	25.53	25.79		25.25	25.42
13	25.03	24.80	24.91	25.73	25.93	25.39	25.42	25.68	25.57		25.29	25.56
14	24.79	24.81	24.81	25.83	25.02	25.31	25.49	25.66	25.58		25.21	25.45
15	24.82	24.76	24.93	25.81	25.96	25.42	25.48	25.55	25.33		25.20	25.54
16	24.81	24.61	24.73	25.53	25.89	25.41	25.46	25.64	25.30		25.22	25.40
17	24.76	24.57	25.08	25.48	25.76	25.46	25.29	25.48	25.18	25.71	25.22	25.34
18	24.70	24.91	25.18	25.42	26.24	25.40	25.35	25.38	25.14		25.48	25.37
19	24.91	25.01	25.21	25.40		25.35	25.25	25.26	25.29		25.71	25.32
20	25.01	24.88	25.45	25.69	26.05	25.29	25.03	25.46	25.15		25.64	25.43
21	24.95	24.71	25.54	25.72	26.13	25.26	25.19	25.57	25.05		25.66	25.52
22	24.76	24.77	25.51	25.72	25.94	25.30	24.91	25.55	25.03		25.62	25.50
23	24.67	24.75	25.73	25.79	25.73	25.34	24.87	25.40	25.01		25.59	25.34
24	24.76	24.75	25.56	25.78	25.82	25.35	24.47	25.21	24.88		25.51	25.21
25	24.83	24.70	25.50	25.85	25.70	25.44	24.69	25.32	24.79	25.30	25.41	25.26
26	24.84	24.46	25.33	25.85	25.80	25.35	24.65	25.15	24.74		25.41	25.34
27	24.82	24.39	25.17	25.77	25.92	25.44	24.93	24.70	24.88		25.51	25.41
28	24.84	24.78	25.10	25.93	25.78	25.15	25.12	24.73	25.38	25.30	25.41	25.47
29	24.89		25.01	25.71	25.68	25.07	25.25	25.32	24.62		25.38	25.47
30	24.87		25.10	25.77	25.94	25.23	25.56	25.39	24.91		25.45	25.58
31	24.85		25.33	25.50		25.23	25.23	25.44		25.37	25.45	25.54
1-10 MEANS	24.97	24.69	24.96	25.62	25.63	25.46	25.25	25.49	25.59	24.75	25.33	25.44
SAMPLE SIZE	10	10	9	10	10	8	9	10	10	8	10	10
11-20 MEANS	24.90	24.80	25.02	25.63	25.92	25.32	25.37	25.52	25.41	25.34	25.39	25.45
SAMPLE SIZE	10	10	10	10	9	10	10	10	10	2	7	10
21-31 MEANS	24.83	24.66	25.35	25.79	25.81	25.29	24.99	25.36	24.85	25.32	25.52	25.43
SAMPLE SIZE	11	8	11	10	11	10	11	9	10	7	9	11
MONTHLY MEANS	24.90	24.72	25.12	25.68	25.78	25.35	25.19	25.46	25.28	25.05	25.41	25.44
SAMPLE SIZE	31	28	30	30	30	28	30	28	30	17	26	31
MAXIMUM VALUE	25.08	25.02	25.73	25.93	26.24	25.56	25.57	25.77	25.81	25.71	25.71	25.67
MINIMUM VALUE	24.67	24.39	24.45	25.28	25.26	25.04	24.47	25.12	24.62	24.48	25.20	25.13
RANGE	0.40	0.63	1.27	0.66	0.97	0.52	1.10	0.65	1.20	1.24	0.51	0.54
STANDARD DEV.	0.11	0.18	0.32	0.16	0.23	0.13	0.28	0.18	0.38	0.34	0.16	0.12
ANNUAL MIN	24.39		ANNUAL MEAN					25.28	ANNUAL MAX		26.24	

# Trinidad Beach, CA

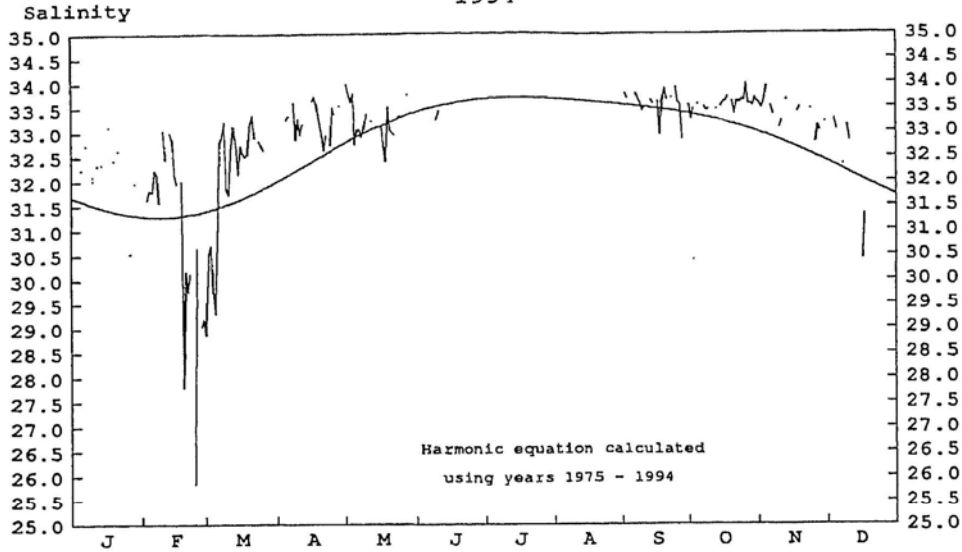


DAYS	TRINIDAD BEACH					TEMPERATURE					YEAR 1994	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			13.0		9.8				13.5	12.8	11.9	
2		11.2	13.4		12.0				12.7	13.1		
3	12.0	12.5	13.4		12.5					12.8	11.2	10.5
4		11.8	13.2	14.4	11.1					12.8		
5	13.0	11.7	13.0	10.5	13.0						11.5	
6		11.0	11.5		12.4				12.3			
7	13.0	11.8	12.8	12.0	12.5				12.5	13.4		
8		11.7	11.7		12.5				13.1	12.8		
9	12.5	12.2	12.7	11.0	13.3	14.3			14.3	13.5		9.8
10		11.0	12.6	12.0		13.0			14.0			10.0
11	12.0	11.9	12.5	13.0	13.1				14.4			
12		11.0	14.0							12.8		
13	11.5	11.5	12.7						13.7	13.0	11.0	
14		12.1	12.4						13.5	13.0	11.0	
15	11.5	11.3	12.7	11.8	12.5					12.3		
16		13.6	11.1	15.5					13.2	11.7		11.0
17	13.0	10.9	14.0	11.0	15.3				13.3	12.3		11.7
18		12.5	12.0	14.0					13.3		10.8	
19	13.0	10.8	12.5	12.5	13.0				13.4	11.5		
20		10.5	11.5	12.9	13.2				13.9	11.5		
21	12.5	12.7	12.1	15.2	13.4					12.1		
22									14.0	12.5		
23		12.0	11.0	12.2					14.4	11.8	10.5	
24		12.4	14.2	10.9	11.8				14.5	11.6		
25			12.7	11.9					13.5	11.6	10.3	
26	12.2	11.5		13.0	12.7				13.9	13.0	10.5	
27		12.3		12.0	12.0				13.8	12.9		
28	11.8	13.0								12.0		11.8
29										12.5	10.2	
30				13.5					13.0	12.2		
31										11.9		
1-10 MEANS	12.63	11.74	12.73	11.98	12.12	13.65			13.20	13.03	11.53	10.10
SAMPLE SIZE	4	7	10	5	9	2			7	7	3	3
11-20 MEANS	12.38	11.25	12.84	12.04	13.80				13.59	12.16	10.93	11.35
SAMPLE SIZE	4	8	10	7	7				8	7	3	2
21-31 MEANS	12.17	12.32	12.50	12.50	12.42				13.07	12.19	10.38	11.80
SAMPLE SIZE	3	6	4	7	5				7	11	4	1
MONTHLY MEANS	12.41	11.72	12.74	12.19	12.75	13.65			13.55	12.42	10.89	10.80
SAMPLE SIZE	11	21	24	19	21	2			22	25	10	6
MAXIMUM VALUE	13.0	13.0	14.2	15.2	15.5	14.3			14.5	13.5	11.9	11.8
MINIMUM VALUE	11.5	10.5	11.0	10.5	9.8	13.0			12.3	11.5	10.2	9.8
RANGE	1.5	2.5	3.2	4.7	5.7	1.3			2.2	2.0	1.7	2.0
STANDARD DEV.	0.55	0.67	0.81	1.25	1.24	0.92			0.61	0.61	0.54	0.85



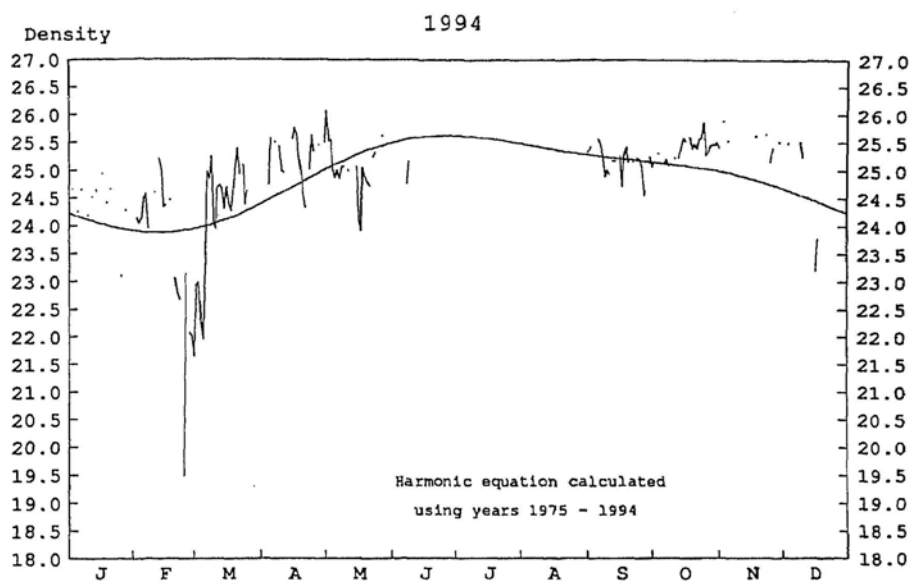
# Trinidad Beach, CA

1994



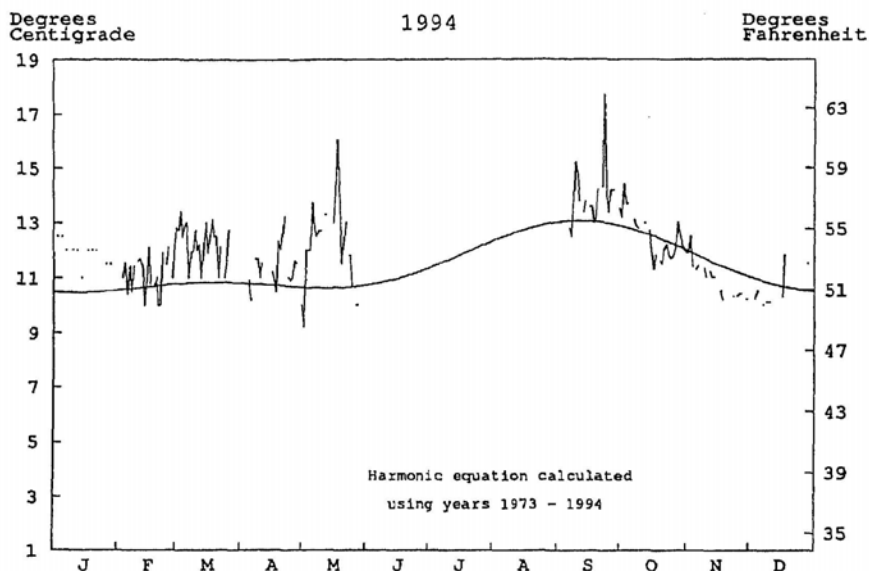
DAYS	TRINIDAD BEACH					SALINITY					YEAR 1994	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			30.52		33.80				33.77	33.25	33.48	
2		31.63	30.67		33.62				33.67	33.45	33.59	
3	32.51	31.82	29.73		33.77						33.91	33.24
4		31.79	29.30	33.25	32.74					33.56		33.03
5	32.24	32.23	30.99	33.32	33.03						33.51	
6		32.16	32.78		33.04				33.76		33.35	
7	32.74	31.57	32.95	33.59	32.89				33.67	33.50		32.33
8			33.20	32.85	33.14	33.25			33.57	33.43		
9		33.03	31.84	33.26	33.36	33.42			33.42	33.46	33.08	33.12
10	32.02	32.47	31.73	32.93					33.49		33.21	32.82
11			32.66	33.15	33.22				33.50			
12	32.32	32.98	33.11							33.45	33.64	
13		32.85	32.69						33.63			
14	32.35	32.13	32.15						33.57	33.51		
15		31.97	32.71	33.63	33.15					33.60		
16			32.56	33.71	32.69				33.60	33.63		
17	33.12	32.00	32.50	33.56	32.41				33.93	33.70	33.40	30.42
18		27.81	32.55	33.28	33.51					33.64		31.30
19	32.44	30.15	33.13	32.97	33.05				33.86	33.61		
20		29.75	33.33	32.63	32.97				33.65	33.36		
21	32.63	30.10	32.89	32.92	32.94					33.61		
22									33.68	33.60		
23		25.84	32.82	32.74	33.32					33.65	33.45	
24		30.62	32.72	33.49	33.31					33.89		
25			32.63	33.36					33.59	33.97	32.79	
26	30.53	29.04							33.56	33.58	33.12	
27		29.16		33.53	33.75				32.85	33.58	33.02	
28	31.96	28.86								33.52		
29										33.68	33.19	
30				33.97					33.53	33.61		
31										33.58		
1-10 MEANS	32.38	32.09	31.37	33.20	33.27	33.33			33.62	33.44	33.45	32.91
SAMPLE SIZE	4	8	10	6	9	2			7	6	7	5
11-20 MEANS	32.56	31.20	32.74	33.28	33.00				33.55	33.55	33.51	30.86
SAMPLE SIZE	4	8	10	7	7				8	7	3	2
21-31 MEANS	31.71	28.94	32.76	33.34	33.33				33.52	33.64	33.11	
SAMPLE SIZE	3	6	4	6	4				6	11	5	
MONTHLY MEANS	32.26	30.91	32.17	33.27	33.19	33.33			33.56	33.56	33.35	32.32
SAMPLE SIZE	11	22	24	19	20	2			21	24	15	7
MAXIMUM VALUE	33.12	33.03	33.33	33.97	33.80	33.42			33.89	33.97	33.91	33.24
MINIMUM VALUE	30.53	25.84	29.30	32.63	32.41	33.25			32.85	33.25	32.79	30.42
RANGE	2.59	7.19	4.03	1.34	1.39	0.17			1.04	0.72	1.12	2.82
STANDARD DEV.	0.66	1.87	1.12	0.36	0.38	0.12			0.25	0.14	0.28	1.07

# Trinidad Beach, CA



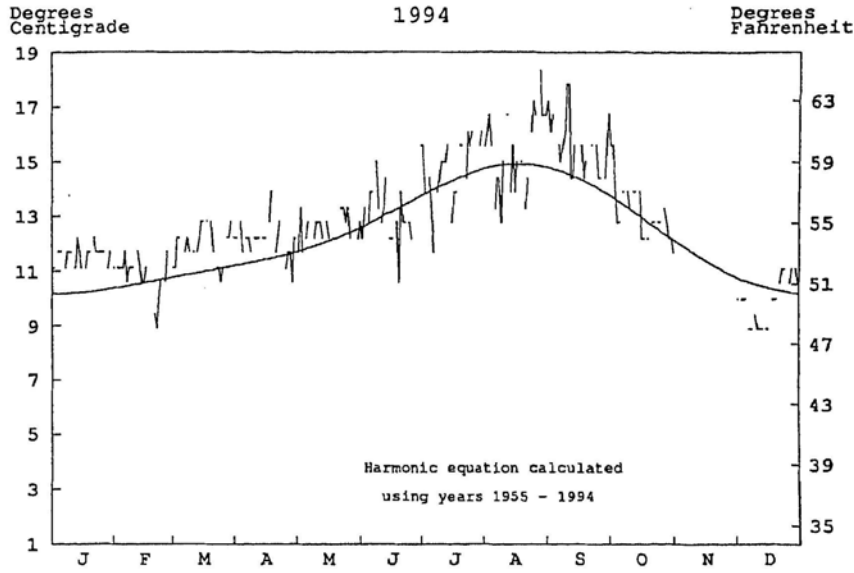
DAYS	TRINIDAD BEACH					SIGMA T					YEAR 1994	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			22.93		26.05				25.34	25.08	25.43	
2		24.12	22.96		25.52				25.42	25.17		
3	24.66	24.03	22.24		25.34						25.80	25.49
4		24.13	21.94	24.75	25.00					25.32		
5	24.26	24.49	23.29	25.56	24.87							
6		24.57	24.96		24.99				25.57			
7	24.64	23.96	24.84	25.49	24.86				25.46	25.15		
8			25.25		25.20	24.77			25.27	25.22		
9			24.00	25.42	25.05	25.17			24.90	25.10		25.52
10	24.18	24.59	23.94	24.98					25.02			25.25
11			24.68	24.96	24.99				24.94			
12	24.51	25.20	24.73							25.23		
13		25.01	24.66						25.19			
14	24.62	24.34	24.30						25.19	25.24		
15		24.36	24.68	25.56	25.05					25.45		
16			24.38	25.75	24.08				25.27	25.88		
17	24.94	24.46	24.26	25.65	23.91				24.73	25.52		23.21
18			24.59	25.25	25.04				25.28		25.63	23.77
19	24.41	23.04	25.04	24.92	24.88				25.43			
20		22.78	25.39	24.38	24.78				25.17	25.41		
21	24.65	22.66	24.93	24.33	24.72				25.17	25.49		
22			19.49	25.08	25.02	25.25			25.41	25.61		
23			23.12	24.38	25.62	25.31			25.22	25.61		
24			24.62	25.33					25.20	25.86	25.18	
25									25.10	25.29	25.40	
26	23.08	22.05		25.45	25.62				24.57	25.31		
27		22.00							25.44	25.47		
28		21.64							25.47	25.41		
29	24.27								25.25	25.51	25.51	
30				25.49							25.51	
31												
1-10 MEANS	24.43	24.27	23.64	25.24	25.21	24.97			25.28	25.17	25.61	25.42
SAMPLE SIZE	4	7	10	5	9	2			6	6	3	3
11-20 MEANS	24.62	24.17	24.67	25.24	24.68				25.15	25.43	25.63	23.49
SAMPLE SIZE	4	7	10	7	7				8	7	1	2
21-31 MEANS	24.00	21.83	24.75	25.21	25.22				25.09	25.49	25.43	
SAMPLE SIZE	3	6	4	6	4				6	11	4	
MONTHLY MEANS	24.38	23.50	24.25	25.23	25.03	24.97			25.18	25.40	25.53	24.65
SAMPLE SIZE	11	20	24	18	20	2			21	24	8	5
MAXIMUM VALUE	24.94	25.20	25.39	25.75	26.05	25.17			25.57	25.86	25.89	25.52
MINIMUM VALUE	23.08	19.49	21.94	24.33	23.91	24.77			24.57	25.08	25.18	23.21
RANGE	1.85	5.72	3.44	1.43	2.14	0.40			1.00	0.79	0.71	2.31
STANDARD DEV.	0.49	1.41	0.93	0.41	0.48	0.28			0.24	0.19	0.21	1.08

# Trinidad Bay, CA



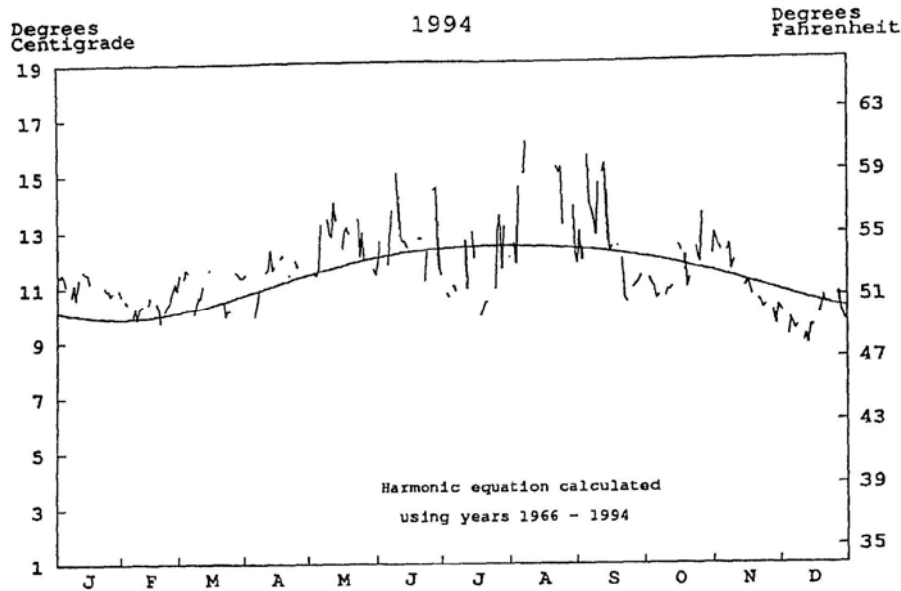
DAYS	TRINIDAD BAY					TEMPERATURE					YEAR 1994	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			12.7		9.2				13.0	13.2	11.9	
2		11.0	13.4		12.0				13.0	14.4	12.5	
3	12.5	11.5	12.5		12.0					13.7	11.4	10.2
4		10.4	12.9	10.9	12.0					13.7		10.5
5	12.5	11.4	13.0	10.2	12.0							
6		10.5	11.0		12.7				12.8		11.3	
7	12.0	11.4	11.9	11.7	12.5				12.5	13.1		10.0
8		11.6	12.7	11.7	12.7				13.8	12.9		
9		11.4	12.0	11.0	12.7				14.8	12.8	11.3	10.1
10	12.0	11.7	12.0	11.5	12.7				13.8		11.0	10.1
11		11.4	12.2		13.3					13.0		
12	12.0	10.0	11.0						13.4	12.7	11.2	
13		10.8	12.0	12.0					13.8	11.9	11.0	
14	11.0	12.1	13.0		11.2					12.7		
15		10.8	11.9	11.2	13.0				13.6	11.3		10.3
16			12.5	10.9	14.0				13.6	11.8	10.5	11.8
17	12.0	10.7	13.1	10.5	16.0				13.0		10.2	
18		11.0	12.5	12.3	14.0				13.2			
19	12.0	10.0	12.5	12.0	11.5				14.2	11.6		
20		10.0	11.0	12.6	12.3					11.5		
21	12.0	11.9	12.1	13.2	13.0				14.2	12.0		
22									14.3	12.0		
23		11.5	11.0	11.0	11.8				17.7	12.2		
24		12.1	11.5	10.9	10.7				14.0	11.7	10.3	
25			12.7	11.0					13.4	11.9	10.4	
26	11.5	11.0		11.6	10.0				14.2	12.0	10.4	
27		12.0		11.5	10.0					13.0	10.4	
28	11.5	12.8								12.5		11.5
29										12.0		
30									13.5	12.0	10.2	
31				10.0						11.9		
1-10 MEANS	12.25	11.19	12.41	11.17	12.17				13.59	13.40	11.54	10.18
SAMPLE SIZE	4	8	10	6	9				7	7	7	5
11-20 MEANS	11.75	10.76	12.17	11.64	13.44				13.57	11.97	10.78	11.05
SAMPLE SIZE	4	9	10	7	7				8	7	5	2
21-31 MEANS	11.67	11.88	11.82	11.31	11.10				14.47	12.10	10.32	11.50
SAMPLE SIZE	3	6	4	7	5				7	11	5	1
MONTHLY MEANS	11.91	11.20	12.21	11.39	12.34				13.86	12.43	10.96	10.56
SAMPLE SIZE	11	23	24	20	21				22	25	17	8
MAXIMUM VALUE	12.5	12.8	13.4	13.2	16.0				17.7	14.4	12.5	11.8
MINIMUM VALUE	11.0	10.0	11.0	10.0	9.2				12.5	11.3	10.2	10.0
RANGE	1.5	2.8	2.4	3.2	6.8				5.2	3.1	2.3	1.8
STANDARD DEV.	0.44	0.74	0.71	0.79	1.55				1.08	0.79	0.65	0.69

# Crescent City, CA



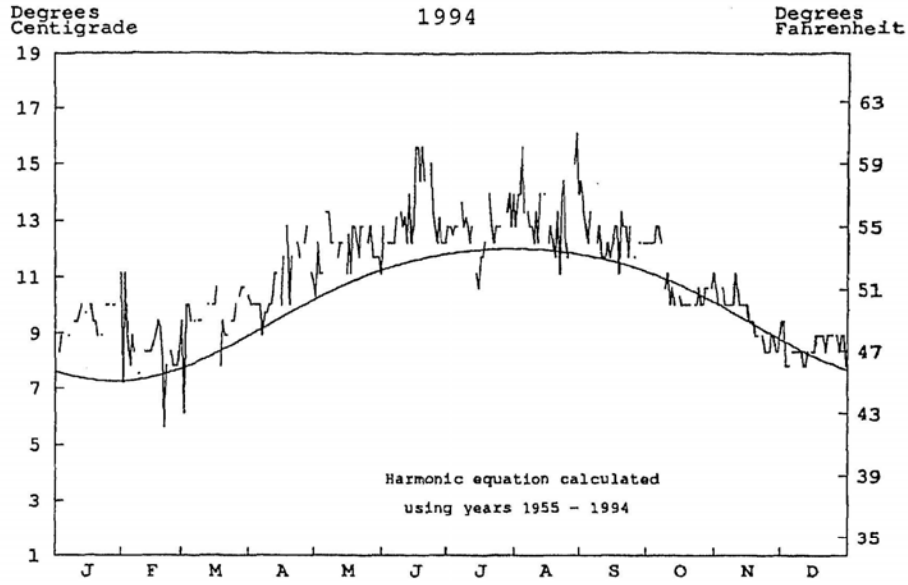
DAYS	CRESCENT CITY											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.1		11.1	12.2	11.7	12.2	15.6	15.6	17.2	15.6		10.0
2	11.1		12.2		13.3	13.3	13.9	16.1	16.1	15.6		
3		11.1	12.2	12.8	11.7			16.7	16.7	13.9		10.0
4	11.7	11.1		11.7		12.8	14.4			12.8		10.0
5	11.7				12.2	13.9	13.3	15.6				
6		10.6	11.7	12.2	12.8	13.9	11.7	13.3	15.6			8.9
7	11.1	11.1	12.2	12.2		15.0	13.9	14.4	15.0	13.9		8.9
8	11.7	11.1	11.7	11.7		13.3	14.4	12.8	16.1	13.9		9.4
9					12.2	12.8	14.4	15.0	17.8	13.3		8.9
10	11.7		11.7	12.2	12.8	12.8	15.0	15.0	17.8	13.3		8.9
11		11.7	11.7	12.2	12.8	12.8	15.0		17.8			8.9
12	11.1	11.1	11.7	12.2	12.8	13.3	15.0	16.7	14.4	13.9		8.9
13	12.2	10.6	12.2		12.2	14.4	15.6		14.4	13.9		
14	11.7	10.6	12.8	12.2	12.8	12.2	12.8	13.9	15.6			8.9
15	11.1	11.1	12.8	12.2	12.2	12.2	12.8	13.9	15.6	13.9		8.9
16										12.2		
17	11.1	10.6	12.8	12.8	12.2	12.2	13.9	13.9	15.6	12.2		10.0
18	11.7			13.9	12.2	12.8	13.9	14.4	14.4	12.2		10.0
19	11.7	9.4	12.8		12.2	10.6	15.6	15.0	15.0	12.2		10.0
20		8.9	11.7	11.7	12.2	13.9	15.6					10.0
21	12.2	10.0		12.2	12.8	12.8		13.3		12.8		10.6
22	11.7	10.6	11.1	12.8	13.3	12.8	14.4	14.4	15.6	12.8		11.1
23	11.7		11.1		13.3	13.3	16.1	14.4	15.6	12.8		11.1
24	11.7	10.6	10.6		12.8	12.8	15.6	16.1	15.6	12.8		
25	11.7	11.7	11.1	11.1	13.3	12.2	16.1	17.2	14.4	12.8		
26	11.7			11.7	12.2			16.7	14.4			
27			12.2	11.7						13.3		11.1
28	11.1	11.1		10.6			15.6	18.3	14.4	12.8		11.1
29	11.7		12.8	12.2			16.7	16.7	15.6	12.2		11.1
30					12.2	15.6	16.1	16.7	16.7	12.2		10.6
31	11.1		12.2		12.8		16.7			11.7		
1-10 MEANS	11.47	11.11	11.83	12.14	12.39	13.49	14.03	14.88	16.26	13.98		9.44
SAMPLE SIZE	8	8	7	7	7	7	8	9	8	8		7
11-20 MEANS	11.51	10.50	12.40	12.46	12.42	12.78	14.67	15.02	15.31	13.05		9.37
SAMPLE SIZE	7	8	7	7	8	8	8	6	7	6		7
21-31 MEANS	11.62	10.80	11.66	11.76	12.84	13.24	15.65	16.23	15.24	12.60		10.89
SAMPLE SIZE	9	5	8	7	7	5	6	9	7	9		7
MONTHLY MEANS	11.54	10.80	11.95	12.12	12.55	13.14	14.70	15.42	15.64	13.20		9.90
SAMPLE SIZE	24	21	22	21	22	20	22	24	22	23		21
MAXIMUM VALUE	12.2	11.7	12.8	13.9	13.3	15.6	16.1	18.3	17.8	15.6		11.1
MINIMUM VALUE	11.1	8.9	10.6	10.6	11.7	10.6	11.7	12.8	14.4	11.7		8.9
RANGE	1.1	2.8	2.2	3.3	1.6	5.0	4.4	5.5	3.4	3.9		2.2
STANDARD DEV.	0.35	0.70	0.66	0.67	0.50	1.11	1.16	1.42	1.08	1.02		0.85

# Charleston, OR



CHARLESTON, OR.				TEMPERATURE								YEAR 1994		
DAYS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1						12.6			12.9		12.6	10.0		
2	11.4	10.5	11.3		11.4		10.7	12.5	11.9	11.2	12.4			
3	11.5	10.4	11.6		11.4		10.6	11.8	11.9	11.0	12.2			
4	11.4		11.5		11.6		10.6	14.5	15.6	10.9		9.1		
5	11.1				13.2	11.8	11.0	14.5	15.9	10.9		9.7		
6		9.9		10.4		12.9	10.8	15.0	13.7	10.2	12.2	9.5		
7		10.2	10.0	10.9		13.7		16.1	13.4	10.4	12.4	9.3		
8	10.7	9.8	10.4		13.4	15.0			12.6	10.6	11.5	9.4		
9	15.1	10.2	10.6		12.9	15.0	12.6		14.6	10.8	11.8			
10	10.2	10.3	10.6	11.5	12.8	13.9	12.6		15.3	10.8		8.9		
11	11.3		11.0	11.6	14.0	12.8	10.9		15.3	10.9		9.1		
12				12.3	13.4	12.6	12.9		15.4			8.8		
13	11.6	10.4		11.6		12.6	12.0		15.2		10.9	9.4		
14	11.5	10.6	11.6	11.7		12.4			12.4	12.4	11.1	9.4		
15					12.4						10.9			
16	11.2				13.0					12.2	10.9			
17		10.4		12.0	13.1		9.9				10.6			
18		10.2		12.1	12.9		10.1		12.4	12.0		9.9		
19		9.7					10.1			10.9		10.2		
20						12.7	10.4		11.9	11.2	10.4	10.5		
21		10.1	10.4	11.4		12.7	10.4		10.5		10.3	10.3		
22		10.3	9.9		13.4	11.2		15.2	12.3					
23	11.0	10.4	10.1		12.1	12.2		15.0	12.0					
24	10.9	10.6	10.1	11.9	12.9		10.9	13.2	10.4	12.3				
25	10.9	10.9		11.7	11.9		13.0		10.9	12.0				
26	10.7	11.1				14.4	13.5		11.0	13.5				
27	10.8	10.9	11.5			14.5	11.6		11.1		10.0	10.6		
28		11.4	11.4			12.1	13.1		11.1		9.5	10.0		
29		11.4	11.3		11.6			13.8	11.3		10.2	9.8		
30	10.9		11.3		11.4			12.1		12.1	10.1	9.6		
31	10.7		11.4		11.8		12.0	11.8		12.8				
1-10 MEANS	11.11	10.19	10.86	10.67	12.39	13.32	11.14	13.98	13.60	10.80	12.16	9.50		
SAMPLE SIZE	7	7	7	4	7	6	5	5	8	7	7	6		
11-20 MEANS	11.42	10.26	11.30	11.88	13.13	12.63	10.94		13.23	11.49	10.78	9.52		
SAMPLE SIZE	5	5	2	6	6	6	7		7	7	5	8		
21-31 MEANS	10.84	10.71	10.82	11.67	12.16	12.63	12.35	13.76	10.87	12.42	10.06	10.13		
SAMPLE SIZE	7	8	9	3	7	6	6	7	6	6	7	7		
MONTHLY MEANS	11.09	10.42	10.89	11.46	12.53	12.86	11.47	13.85	12.70	11.52	11.02	9.72		
SAMPLE SIZE	19	20	18	13	20	18	18	12	21	20	19	21		
MAXIMUM VALUE	11.6	11.4	11.6	12.3	14.0	15.0	13.5	16.1	15.6	13.5	12.6	10.6		
MINIMUM VALUE	10.6	9.7	9.9	9.9	11.4	11.2	9.9	11.8	10.4	10.5	9.5	8.8		
RANGE	1.0	1.7	1.7	2.4	2.6	3.8	3.6	4.3	5.2	3.0	3.1	1.8		
STANDARD DEV.	0.33	0.42	0.62	0.69	0.81	1.06	1.15	1.52	1.58	0.85	0.98	0.53		
ANNUAL MIN	8.8			ANNUAL MEAN				11.63				ANNUAL MAX		16.1

# Neah Bay, WA



DAYS	NEAH BAY											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		7.2	6.1	10.0	10.3	12.8	12.8	12.8	14.4	12.2	10.6	9.4
2		11.1	10.0	10.0	12.2	12.2	12.8	13.9	13.3	12.2	10.0	9.4
3	8.3	8.9	10.0	10.0	11.1	12.2	12.8	13.9	12.8	12.2	10.6	7.8
4	8.9	7.8	9.4	10.0	11.1	12.2	12.8	15.6	12.2	12.2	10.6	7.8
5		8.9	10.0	10.0	12.2	12.2	12.8	13.3	13.3	12.8	10.0	8.3
6		8.3	9.4	8.9	13.3	12.2	13.1	13.6	13.3	12.2	10.0	8.3
7	8.9		9.4	9.7	13.3	13.1	13.6	13.3	13.3	12.2	10.0	8.3
8		7.5	9.4	9.7	12.2	13.3	12.8	12.8	12.2	10.0	10.0	8.3
9			9.4	10.0	12.2	12.8	13.1	12.8	12.8	10.6	10.0	8.3
10	9.4			10.0	11.1	12.8	12.8	12.2	11.7	11.1	11.1	8.3
11	9.4	8.3		10.3	11.7	13.1	12.2	13.3	11.7	10.0	10.6	7.8
12	9.7	8.3	10.0	11.1	12.2	12.2	12.8	12.2	11.7	10.6	10.0	7.8
13	10.0	8.3	11.1	12.2	12.2	13.9	12.8	13.9	12.2	10.0	10.0	8.3
14		8.3	10.0	10.0	11.1	12.2	11.1	11.7	11.7	10.0	10.0	
15	9.7	8.6	10.0	10.0	11.1	12.8	10.6	13.9	12.2	10.3	10.0	8.3
16		8.9	10.6	11.7	12.5	15.6	11.7	12.8	12.8	10.0	9.4	8.3
17	10.0	9.4			11.1	15.6	11.7	12.2	12.8	10.0	9.4	8.3
18	9.4	5.2	7.8	12.8	12.8	14.4	12.2	12.8	11.1	10.0	9.4	8.9
19	9.4	8.3	9.4	10.0	12.8	15.6		12.2	13.3	10.0	8.9	8.9
20	8.9	5.6	8.9	11.7	12.2	14.4		11.7	12.8	10.0	8.9	8.9
21		7.8	8.9		11.7	12.8	12.8	13.3	12.8		8.3	8.3
22	8.9				12.8	12.2	11.1	11.7	11.7	10.0	8.9	8.9
23		8.3	9.4	12.2	12.8	15.0	12.8	13.9	12.8	10.0	8.3	8.9
24	10.0	7.8	9.4	11.7	12.2	13.3	12.8	14.4	12.2	10.6	8.3	8.9
25	10.0	7.8	10.0	12.2	12.2	12.8	12.8	12.2	11.7	10.0	8.3	
26		7.8			12.2	12.8	11.7		11.7	10.0	8.9	8.9
27	10.0	8.3	10.3	12.8	11.7	13.1			12.2	10.6	8.9	8.3
28	10.0	9.4	10.6		11.7	12.2	13.3	15.0	12.2	10.6	8.3	8.9
29			10.6		11.7	12.2	12.8	16.1	12.2	10.6	8.3	8.9
30			10.8		11.7	12.2	12.8	16.1	12.2	10.6	8.9	7.8
31	11.1		10.3		11.1	12.2	13.9	13.9		11.1	7.8	7.8
1-10 MEANS	8.88	8.53	9.10	9.83	11.96	12.60	12.89	13.40	12.84	12.03	10.26	8.43
SAMPLE SIZE	4	7	7	10	8	8	9	9	8	9	9	9
11-20 MEANS	9.56	8.32	9.53	11.09	12.07	13.98	12.02	12.77	12.23	10.10	9.66	8.46
SAMPLE SIZE	8	10	7	8	9	10	8	8	10	9	10	9
21-31 MEANS	10.00	8.17	9.94	11.80	12.02	12.87	13.03	13.51	12.23	10.39	8.57	8.56
SAMPLE SIZE	6	7	8	6	10	8	9	9	7	9	9	10
MONTHLY MEANS	9.56	8.34	9.54	10.74	12.02	13.22	12.67	13.25	12.42	10.84	9.50	8.49
SAMPLE SIZE	18	24	22	24	27	26	26	26	25	27	28	28
MAXIMUM VALUE	11.1	11.1	10.6	12.8	13.3	15.6	13.9	16.1	14.4	12.8	11.1	9.4
MINIMUM VALUE	8.3	5.6	6.1	8.9	10.3	12.2	10.6	11.1	11.1	10.0	8.3	7.8
RANGE	2.8	5.5	4.5	3.9	3.0	3.4	3.3	5.0	3.3	2.8	2.8	1.6
STANDARD DEV.	0.64	0.99	1.01	1.07	0.75	1.18	0.79	1.21	0.72	0.99	0.82	0.49
ANNUAL MIN	5.6											
ANNUAL MEAN	10.88											
ANNUAL MAX	16.1											