R. J. Renard, Volunteer Observer  
Nat'l Wea Serv Climatological Station  
Monterey, California  93940

SUMMARY OF THE JUNE 1980 WEATHER ON THE MONTEREY PENINSULA, CALIFORNIA

General: June was a rather uneventful month; temperatures were on the cool side, and rainfall and fog were well below normal. Winds were typically gusty during daytime hours but averaged below expectation.

Temperature: June was a pleasant month with average temperatures slightly below normal: 58.0°F vs 58.3°F. Both day and nite-time averages contributed to the slightly cool anomaly: 66.7°F vs 66.8°F by day and 49.2°F vs 49.8°F by nite. The low nite-time minimum was largely due to the many clear nites this past June. High for the month, 85°F, was recorded on 28 June during a two-day (27, 28) heat spell while the low, 44°F, was recorded on early morning 6 June.

Precipitation: The 0.04" in June (compared to a 29-year normal of 0.19") brought the rain year (Jul 1, 79 to Jun 30, 80) total to 23.80". The 29-year normal is 18.45". If we consider annual amounts within one inch of normal as representative of a normal year, then in the past 29 rain years there have been 10 above normal (34%), 4 normal (14%) and 15 below normal (52%) years. Along with the rain years Jul 1, 64 – Jun 30, 67, the recent three years (Jul 1, 77 – Jun 30, 80) have yielded one normal and two above normal years. Another year (Jul 1, 80 – Jun 30, 81) of even normal rainfall would establish a new 4-year “wet” record for the recent 30-year period.

Fog: Fog was well below average in June with only seven days with some fog. This compares to a June average of 14 such days. Only one June in the past 17 years was less foggy, namely June 1976, with six fog days. July and August are the foggiest months of the year (21 days each) followed by September (16 days) and June.

Wind: Winds were on the light side (average 6.4 miles per hour (mph)) compared with the recent 4-year airport average of 8.1 mph. Gusts reached 39 mph or more on six June days.

Earthquake: A very minor earthquake was felt in parts of the Monterey area during the evening of 17 June 80. The epicenter was located in the Watsonville area.