SUMMARY OF THE JUNE 1989 WEATHER ON THE MONTEREY PENINSULA, CALIFORNIA

General: June 1989 was a warm, very dry month with normal fog and wind valued.

Temperatures: June 1989 was a most pleasant month on the Monterey Peninsula. The average high of 69.1°F is 2.1°F above normal (38 years) and the average low of 51.2°F is also above normal, by 1.1°F in this case. Overall, the 60.2°F average for the month exceeds the normal by 1.7°F .... making the month the ninth warmest June in 38 years. Maximum for the month, 90°F, occurred on 21 June while the month’s low, 46°F, was registered on 2 and 13 June. The month is the fourth normal to above-normal month in a row. Single-day records were broken on 22 June with 88°F (beat 87°F set in 1957) and the 65°F minimum early AM 22 June is a very significant warm record. It beat the previous warmest 22 June minimum of 53°F, set in 1981. But even more important, the 65°F reading is not only the warmest June night on record (38 years), but is the warmest night-time minimum on record from the period 7 Nov through 10 Sep. Two other minimums in June 1989 set records: 57°F on 1 June beat the previous record of 54°F in 1978 and the minimum of 58°F on 30 June topped the 56°F reading in 1980 as the previous record.

Precipitation: Only 0.02” of drizzle fell in June 1989 compared to 0.19” normal (38 years). 30 June is the last day of the 88/89 rain year. 14.44” fell during this rain year compared to a normal of 18.72” – 77% of normal. That is an improvement over the previous two rain years with 69% (1986/1987) and 65% (1987/1988) of normal recorded. Thus, we have experienced three straight years of below-normal and below-median rainfall (annual median is 16.55”). Water rationing on the Peninsula is a daily reminder of the recent three dry years. These three years are an improvement over the period 1974/1975, 1975/1976 and 1976/1977 when only 15.82”, 9.86” and 10.46”, respectively, were recorded. Four years below normal and below median were recorded in the period 1958/1959 through 1961/1962 with 12.90”, 14.66”, 10.79” and 14.31”, respectively. Thus, if a fourth consecutive dry year occurs next year, it has a precedent just 30 years ago!

Wind: Winds in June 1989 were near to just below seasonal values, with an average of 10 miles per hour (mph) (6 AM to 11 PM) at the airport and a daily maximum daily gust average of 22.7 mph at the National Weather Service Climate Station in Monterey. May and June are traditionally the windiest months of the year on the Peninsula, mostly due to strong sea breezes in the afternoon hours.

Fog: For the first time since Sep 1988 the fog incidence did not exceed normal. In fact, it was slightly below normal, with 14 fog days versus 15 as a 26-year average. Moreover, most of June 1989 fog days produced light fog and were confined to late night, early daylight hours.