SUMMARY OF THE SEPTEMBER 1993 WEATHER ON THE MONTEREY PENINSULA, CALIFORNIA

General: Cool, very foggy, light winds and near record low rainfall characterized the month of September 1993.

Temperature: September 1993 was the first month with below normal temperatures since February this year. The average daily high of 70.5°F is 1.3°F below normal and the average low of 52.4°F is 0.5°F below normal. Overall, the 61.5°F average is 0.9°F below normal. Were it not for several days in the 80's and high 70's (to 86°F on 27 September) in the period 24-28 September, the average would have been much lower. Both 24 and 25 September set new minimum temperature records for the dates: 45°F on the 24th (coldest reading of the month) replaces 46°F in 1958 as the record, and 46°F on the 25th is the new record low for that date, which was previously 47°F, set in 1972.

Precipitation: Rainfall approached a record low for the month. Only 0.01" fell (on the 17th); other local stations received several hundredths of an inch on that day in drizzle and light showers. The month of September has recorded as much as 3.14" (in 1959) and as little as a trace, most recently in 1987. A normal September yields 0.31". For the rain year, starting 01 July 1993, only 0.09" has fallen, compared to a normal of 0.49". The long range National Weather Service outlook, through December 1993, doesn't offer much hope for a change in the current dry pattern.

Fog: The number of fog days in September, 26, came close to the record number for the month (30 years of record), which is 28, recorded in September 1974 and 1975. Normal is 18 fog days.

Wind: Winds were light in September. The hourly average at the Monterey Airport (in the period 6 AM to 11 PM) was only 5 miles per hour (mph). The average daily maximum wind gust at the National Weather Service Climate Station was only 18 mph, although gusts in the 30's occurred on three days, with the highest on 20 September, 34 mph.