SUMMARY of the August 2008 WEATHER ON THE MONTEREY PENINSULA

General: Below normal average temperatures continue, with typical dry-season rainfall and, like July, above expectation for number of fog days. Winds were seasonal.

Temperature: 25 months and still counting! The long-period of monthly average below normal temperatures added yet another month to the tally. It all started in August 2006, and with a one-month exception, March 2007, continued on through August 2008. 66.0°F is the average daily maximum for August 2008 (3.1°F below the 57-year “norm”), while the average daily minimum was close to normal, but below nevertheless: 52.7°F vs. 52.9°F. Given the warm start and short-term outlook for September 2008, perhaps September 2008 will bring an end to the long-period coolness.

The 3-day “heat wave” 27-29 August 2008 couldn’t turn around the effect of 22 days with below-normal maximum temperatures. Only three days with cold record-setting or -tieing temperatures this August, but several days more with one or two degrees from the mark.

- 4 August: maximum of 57°F – new cold record (was 60°F in 1984)
- 6 August: maximum of 61°F – tied cold record set in 1965
- 12 August: maximum of 57°F – new cold record (was 59°F in 1950 and 1955)

Cool on-shore flow, with associated fog, relates well to the August temperatures (see Fog section).

25 September is climatologically the warmest day of the year, with an average 74/54°F temperature range at the NWS Climate Station.

Precipitation: Not much expected, not much received in August 2008! Drizzle events on four days accounted for 0.07” -- 0.02” below the long-term 58-year average (= normal). With two months into the new 2008/2009 rain-year the total is up to 0.11” at the NWSCS. Normal is 0.16”. With the two driest months behind us, we now enter the transition season, continuing until the unofficial start to the rainy season in early/mid November.

Wind: Winds were seasonal in August 2008. About half the August days gave maximum wind gusts below expectation (21 mph). Absolute maximum at the NWCS: 34 mph on 29 August. See data page for winds at other locations.

Fog: Fog was the weather focus at the NWS Climate Station in August 2008. As in July, there were 27 fog days in August 2008. The 45-year average is 21 days. And, on an unusual number of these days (16) the fog was recorded as dense, with visibilities at times < ¼ mile. The July and August fog-day total of 54 days is the highest since July/August 1996 with 56 fog days. The fog season is not totally over yet, since 17 fog days is the expectation in September, but usually September’s fog is not as widespread or long-lasting for each fog-day.

NOTE: The Monthly Monterey Peninsula Weather Summary is available electronically using the following website address: http://www.weather.nps.navy.mil/renard_wx/. Click on a given month and year to see the desired weather summary. Listings go back to January 1992. The latest weather summary is generally available by the fifth of the month following.

Temperatures and Precipitation Outlook for the Central Coast for the period September thru November 2008: The National Weather Service outlook for September through November indicates equal chances for below, near, above-normal temperatures, in all of California, except extreme SE California. Precipitation chances are also uncertain, in this case for all of California.
### Comparative Weather Data for Stations on/near the Monterey Peninsula & Salinas
#### August 2008

Following are comparative figures from eleven local observation sites:

1. National Weather Service Climate Station (NWSCS), (elevation 385') located in the western hilly section of Monterey;
2. National Weather Service Forecast Office (NWSFO) site (elevation 122'), located in the flat area of eastern Monterey, on the NPS Annex grounds adjacent to Airport;
3. Naval Postgraduate School Campus (NPS) site, Monterey; (elevation 45');
4. Ft. Ord (NPS) site (elevation 167") located just north of the Marina Municipal Airport (formerly Fritzschie Army Airfield). This is the site of the Naval Postgraduate School's wind profilers managed by Department of Meteorology;
5. Marina site, SE end of Marina located about 2-1/2 miles ESE of Monterey Bay (elevation 80');
6. Carmel Valley site near Carmel Village, vicinity of Ford Rd. and Lilac Lane (elevation 475');
7. Salinas site, vicinity of W. Blanco Rd. within 1/2 mile of S. Main St.;
8. Carmel, located on Rio Road near east end;
9. Seaside, vicinity of Paralta and Military Aves;
10. Pacific Grove site, vicinity of Sunset and Congress Streets;
11. Big Sur Ranger Station, Highway 1, Big Sur.

<table>
<thead>
<tr>
<th>Location</th>
<th>Temperature (°F)</th>
<th>Precipitation (inches)</th>
<th>Wind (mph)</th>
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<tbody>
<tr>
<td></td>
<td>Avg. Max.</td>
<td>Highest</td>
<td>Avg. Min.</td>
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<tr>
<td>NWSCS</td>
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<td>86</td>
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<td>66.9</td>
<td>81</td>
<td>53.9</td>
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<tr>
<td>NPS</td>
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<td>Ft. Ord (NPS)</td>
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<tr>
<td>Pacific Grove</td>
<td>67.6</td>
<td>76</td>
<td>54.7</td>
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Rainfall (inches)  | Normal Max/Min Temps (°F)  |
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<tr>
<td>September 0.26</td>
<td>September 71.6 52.9</td>
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<tr>
<td>October 0.83</td>
<td>October 70.2 51.0</td>
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<tr>
<td>November 2.32</td>
<td>November 65.1 47.2</td>
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FOOTNOTES: Precipitation observations: a = 5 or 6 PM PST, b = midnight PST, c = 3 or 4 PM local, d = 6 to 8 AM local time. (NOTE: for d: 24-h rainfall measured 8 AM, first day of the month counts for previous month) @ = 58-year average, # = 51-year average, + = 25-year average, & = 24-year average.