

Narrative Summary – September 2011

September 2011 was warmer than normal, averaging 69.4°F, 3.0° above normal (66.4°F). The hottest September (1990) averaged 72.4°F, while the coolest (1985) averaged 58.8°F. There were 12 days in September with maximum temperatures $\geq 90^\circ\text{F}$ compared to a normal of 6. There were 51 days this year with maximum temperatures $\geq 90^\circ\text{F}$ compared to a normal of 56 days. The greatest number was 79 days in 1967. There were 2 days in September with maximum temperatures $\geq 100^\circ\text{F}$ compared to a normal of <1, and a record of 3 on numerous occasions. There were 4 days this year with maximum temperatures $\geq 100^\circ\text{F}$ compared to a normal of 14. The 100°F recorded on September 12 becomes the latest in the calendar year ever recorded at this location. The following daily temperature records were established in September 2011:

<u>Date</u>	<u>Category</u>	<u>New Record</u>	<u>Old Record</u>	<u>Year</u>	
7	High Maximum	97	97	1958	Tie
9	High Maximum	98	98	1981+	Tie
10	High Maximum	98	97	1993	
11	High Maximum	100	98	1990+	
12	High Maximum	100	96	2002+	
23	High Maximum	95	93	1987	

Note: + denotes latest of multiple occurrences

Precipitation for September 2011 totaled 0.05 inches, 16% of normal (0.31 inch). The wettest September (1947) received 1.34 inches, while the driest (1991 and 1999) received no precipitation. Total precipitation for 2011 (through September) is 3.46 inches, 77% of normal (4.50 inches).

The average wind speed for September 2011 was 7.0 miles per hour (mph), below normal (7.3). The windiest September (1961) averaged 9.2 mph, while the September with the lightest winds (1957) averaged 5.4 mph. The peak gust for September 2011 was 45 mph on September 25. The record wind gust for September was 65 mph in 1953.

The monthly climatological data summaries, as well as other information, are available on the Internet.

Address: <http://hms.pnl.gov/>

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Note: The data in this summary pertain specifically to the Hanford Meteorology Station (HMS), which is located approximately 25 miles northwest of Richland, WA. No attempt should be made to infer meteorological conditions at other locations from these data.