

Narrative Summary – September 2013

September 2013 was warmer than normal, averaging 69.3°F, 2.9° above normal (66.4°F). The hottest September (1990) averaged 72.4°F, while the coolest (1985) averaged 58.8°F. There were 11 days in September with maximum temperatures $\geq 90^\circ\text{F}$ compared to a normal of 6. There were 76 days this year with maximum temperatures $\geq 90^\circ\text{F}$ compared to a normal of 56 days. That was the third highest total on record, and only the fifth time with 70 or more days $\geq 90^\circ\text{F}$. The greatest number was 79 days in 1967. There were 0 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 13 days this year with maximum temperatures $\geq 100^\circ\text{F}$ compared to a normal of 14. The following daily temperature records were established in September 2013:

<u>Date</u>	<u>Category</u>	<u>New Record</u>	<u>Old Record</u>	<u>Year</u>
11	High Minimum	69	66	1969
12	High Minimum	70	67	1953
13	High Maximum	99	98	1948
14	High Maximum	95	95	2001 (Tie)
15	High Maximum	96	96	1979+ (Tie)

Note: + most recent of multiple occurrences

Precipitation for September 2013 totaled 0.42 inches, 135% 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 2013 (through September) is 4.57 inches, 102% of normal (4.50 inches).

The average wind speed for September 2013 was 8.5 miles per hour (mph), which is above 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 2013 was 58 mph on September 15. 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://www.hanford.gov/HMS>

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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.