

Narrative Summary – September 2016

September 2016 was cooler than normal, averaging 65.7°F, 0.7° below normal (66.4°F). The hottest September (1990) averaged 72.4°F, while the coolest (1985) averaged 58.8°F. There were 2 days in September with maximum temperatures $\geq 90^\circ\text{F}$ compared to a normal of 6. There were 48 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 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 16 days this year with maximum temperatures $\geq 100^\circ\text{F}$ compared to a normal of 13. The greatest number was 28 days in 1958 and 2015. The following daily temperature record was established during September 2016:

<u>Date</u>	<u>Category</u>	<u>New Record</u>	<u>Old Record</u>	<u>Year</u>
27	High Minimum	60	60	2004+ (tie)

Precipitation for September 2016 totaled 0.08 inches, 26% 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 2016 (through September) is 4.02 inches, 89% of normal (4.50 inches).

The average wind speed for September 2016 was 8.0 miles per hour (mph), which was 0.7 mph above normal (7.3 mph). 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 2016 was from the north-northwest at 40 mph on September 8. The record wind gust for September is 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.