

## Narrative Summary – August 2016

August 2016 was warmer than normal, averaging 77.0°F, 1.2° above normal (75.8°F). The hottest August (1967) averaged 81.5°F, while the coolest (1964) averaged 69.8°F. There were 21 days in August with maximum temperatures  $\geq 90^\circ\text{F}$  compared to an August normal of 18 days. There have been 46 days this year with maximum temperatures  $\geq 90^\circ\text{F}$  compared to a normal (through August) of 50 days. There were 6 days in August with maximum temperatures  $\geq 100^\circ\text{F}$  compared to an August normal of 5 days. There have been 16 days this year with maximum temperatures  $\geq 100^\circ\text{F}$  compared to a normal (through August) of 13 days. The following temperature record was established during August 2016:

<u>Date</u>	<u>Category</u>	<u>New Record</u>	<u>Old Record</u>	<u>Year</u>
18	High Minimum	73	71	2010+

Precipitation for August 2016 totaled a Trace, 0% of normal (0.18 inch). The wettest August (1977) received 1.36 inches, while the driest (1955 and 1988) received no precipitation. Total precipitation for 2016 (through August) is 3.94 inches, 95% of normal (4.14 inches).

The average wind speed for August 2016 was 8.0 miles per hour (mph), which was normal. The windiest August (1996) averaged 9.5 mph, while the August with the lightest winds (1956) averaged 6.0 mph. The peak gust for August 2016 was from the northwest at 39 mph on August 5. The record wind gust for August was 66 mph in 1961.

The summer season of 2016 (June, July and August) was warmer than normal, averaging 75.2°F, 1.0° above normal (74.2°F). The coolest summer (1980) averaged 70.2°F. The warmest summer (2015) averaged 79.4°F. The summer's highest maximum temperature was 106°F on June 6 and July 29. The highest maximum temperature ever recorded at the Hanford Meteorology Station was 113°F (recorded on August 4, 1961, July 13, 2002;, and July 23, 2006). Summer season precipitation totaled 0.65 inches, 75% of normal (0.87 inch). The wettest summer (1950) received 2.99 inches, while the driest (1973) received only 0.03 inch.

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

<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.