

### Narrative Summary – July 2013

July 2013 was warmer than normal, averaging 80.7°F, 3.6° above normal (77.1°F). The hottest July (1985) averaged 82.2°F, while the coolest (1993) averaged 70.5°F. There were 27 days in July with maximum temperatures  $\geq 90^\circ\text{F}$  compared to a July normal of 20. There have been 40 days this year with maximum temperatures  $\geq 90^\circ\text{F}$  compared to a normal (through July) of 31 days. There were eleven days in July with maximum temperatures  $\geq 100^\circ\text{F}$  compared to a July normal of seven. There have been eleven days this year with maximum temperatures  $\geq 100^\circ\text{F}$  compared to a normal (through July) of eight. The following daily temperature records were established in July 2013:

<u>Date</u>	<u>Category</u>	<u>New Record</u>	<u>Old Record</u>	<u>Year</u>
1	High Maximum	107	103	1987
2	High Maximum	109	104	2006
2	High Minimum	78	70	1945

Precipitation for July 2013 totaled 0.01 inches, 4% of normal (0.23 inch). The wettest July (1993) received 1.76 inches, while the driest (2003) received no precipitation. Total precipitation for 2013 (through July) is 3.91 inches, 97% of normal (4.01 inches).

The average wind speed for July 2013 was 8.8 miles per hour (mph), which was 0.2 mph above normal (8.6 mph). The windiest July (1983) averaged 10.7 mph, while the July with the lightest winds (1955) averaged 6.8 mph. The peak gust for July 2013 was 44 mph on July 4. The record wind gust for July was 69 mph in 1979.

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.