

## Narrative Summary – July 2018

July 2018 was warmer than normal, averaging 80.6°F, 3.5° above normal (77.1°F). The warmest (2014) averaged 82.8°F. The coolest (1993) averaged 70.5°F. There were 24 days in July with a maximum temperature  $\geq 90^\circ\text{F}$  compared to a July normal of 20 such days. For the year there have been 37 days with a maximum temperature  $\geq 90^\circ\text{F}$  compared to a normal (through July) of 31 days. There were 17 days in July with a maximum temperature  $\geq 100^\circ\text{F}$  compared to a normal (through July) of 7 days. This breaks the previous July record of 16 days with maximum temperature  $\geq 100^\circ\text{F}$  (set in 1960 and 1971). For the year there have been 17 days with a maximum temperature  $\geq 100^\circ\text{F}$  compared to a normal (through July) of 8 days.

There were no daily temperatures records established during July 2018

Precipitation for July 2018 totaled a trace, compared to a normal of 0.23 inches. The wettest July (1993) received 1.76 inches, while the driest (2003) received no precipitation. Total precipitation for 2018 (through July) is 4.09 inches, 102% of normal (4.01 inches).

The average wind speed for July 2018 was 9.5 miles per hour (mph), which was 0.9 mph above normal (8.6 mph). This makes July 2018 the 5<sup>th</sup> windiest July on record. 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 2018 was from the NW at 43 mph on July 19. The record wind gust for July (69 mph) occurred in 1979.

July 2018 can also be noted for having notable low humidity. The average humidity for July 2018 was 25.7%, the 5<sup>th</sup> lowest monthly average humidity on record for July. This includes a measurement of 5% humidity on July 17 which is an all-time record low at HMS.

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

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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.