

Narrative Summary – October 2019

October 2019 was much colder than normal, averaging 48.2°F, 4.9° below normal (53.1°F). This made October 2019 the second coldest October on record. The warmest October (2015) averaged 59.9°F. The coolest October (1984) averaged 47.9°F. The following daily temperatures records were established during October 2017.

<u>Date</u>	<u>Category</u>	<u>New Record</u>	<u>Old Record</u>	<u>Year</u>
1	Low Maximum	61	61	1959 (Tied)
2	Low Minimum	32	32	1952 (Tied)
10	Low Minimum	24	29	2009
12	Low Minimum	28	29	2009 (Tied)
25	High Maximum	75	75	1955 (Tied)
29	Low Maximum	40	42	1991
30	Low Minimum	15	16	2002

Precipitation for October 2019 totaled 0.50 inches, 102% above normal (0.49 inch). The wettest October (1957) received 2.72 inches, while the driest (1987 and earlier years) received only a trace. Total precipitation for 2019 (through October) is 8.67 inches, 173% above normal (5.00 inches).

The average wind speed for October 2019 was 7.8 miles per hour (mph), which was 1.1 mph below normal (6.7 mph). The windiest October (1946) averaged 9.1 mph, while the October with the lightest winds (1952) averaged 4.4 mph. The peak gust for October 2019 was from the northwest at 55 mph on October 25. The record wind gust for October was 72 mph in 1997.

A strong early season arctic front blasted through on October 28th. This caused northeast winds gusting to 50 mph with the high temperature only reaching 40°F. This was the fourth lowest maximum ever recorded for October. The low temperature that night of 15 °F was the fourth lowest minimum ever recorded for October.

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

Address: <http://www.hanford.gov/page.cfm/hms>

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Note: The data in this summary pertains 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.