



Bering Land Bridge N Pres. • Cape Krusenstern NM • Gates of the Arctic NP & Pres.
Kobuk Valley NP • Noatak N Pres.

Fall 2025



Weather & Climate Summary Bering Land Bridge National Preserve Fall 2025

Serpentine Hot Springs fall color splash. NPS Photo Katie Cullen

Nome Fall Weather 2025

Fall 2025 was warmer and slightly drier than normal. The average temperature for the season was 0.9°F warmer than normal, with cooler than average temperatures in September and warmer than normal temperatures for October and November. Total precipitation was just a tenth of an inch below the 1991-2020 average or 94% of normal (Table 1 and 2, Figures 1 and 2).

September

September was cooler and drier than normal. The average monthly temperature was 1.2°F below normal. The second week of the month brought much cooler than normal temperatures, with September 12 and 13 approaching record lows. For the remainder of the month temperatures remained in the normal to below normal range. September precipitation was well below normal with less than half the normal amount.

October

October was much warmer and much wetter than normal. Several storms brought warm, wet conditions to western Alaska October 8-12, including the remnants of ex-Typhoon Halong. Precipitation was recorded every day for the first two weeks of the month. Average daily air temperatures remained above freezing so it was likely all rain. On October 7, a total of 1.29 inches of precipitation fell, a record daily high. A total of 3.24 inches of precipitation fell in October, making it the 8th wettest October (back to 1906). The average monthly air temperature was 2.6°F warmer than normal.

November

November was warmer and drier than normal. November temperatures were quite variable, but the last week of the month was warm, averaging 9°F above normal. Generally, November temperatures are below freezing; this November had five days when daily temperatures reached the freezing threshold of 32°F. November is the second wettest/snowiest month of the year in Nome. This November the precipitation total was 53% of normal with 0.67inches.

Table 1. Nome average monthly temperatures compared to the 1991-2020 normal.

Fall 2025	Average Monthly Temp (°F)	1991-2020 Normal (°F)	Departure from Normal (°F)
September	41.9	43.1	-1.2
October	33.0	30.4	2.6
November	19.5	18.2	1.3

Fall temperature departure from normal: +0.9°F

Table 2. Nome monthly precipitation totals compared to normal.

Fall 2025	Total Monthly Precip. (in.)	1991-2020 Normal (in.)	Departure from Normal (in.)
September	1.08	2.20	-1.12
October	3.24	1.84	1.40
November	0.67	1.27	-0.60

Fall precipitation departure from normal: -0.11 in. (94% of normal)

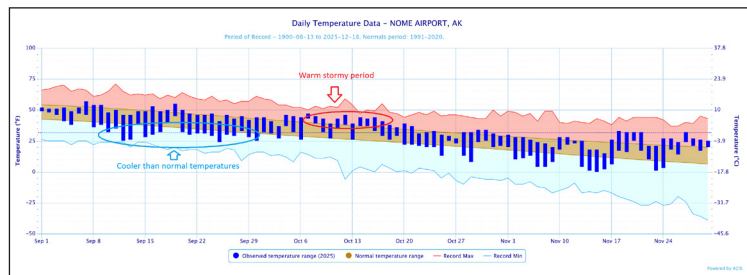


Figure 1. Fall 2025 daily temperatures at Nome showing record maximum (red), record minimum (blue), normal (brown) and observed range (blue bars). <http://xmacis.rcc-acis.org/>

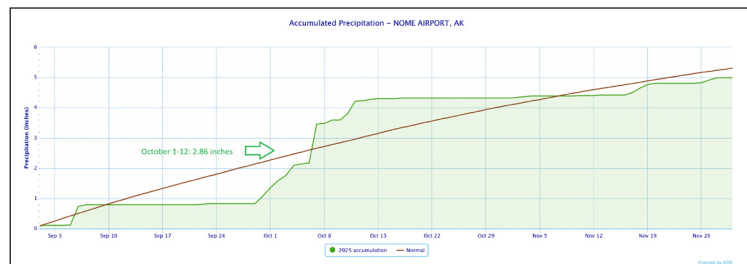


Figure 2. Fall 2025 accumulated precipitation at Nome (green) compared to normal (brown line). <http://xmacis.rcc-acis.org/>

Water Year (Oct. 1 - Sep 30) Wrap Up

The total yearly precipitation (between October 1 and September 30) was 115% of normal with 18.60 inches for the water year. The three wettest months, in order, were January (251% of normal), June (271% of normal), and August (161% of normal). We use the water year for annual calculations to capture the entire winter season.

Wet, Warm Fall Storms

Overall, the fall season was drier than normal, but the total precipitation for October was more than 1.5 times normal. A powerful fall storm barreled up from the north Pacific Ocean bringing the record breaking 1.29 inches of rain on October 7. A few days later ex-typhoon Halong slammed into the region.

By October 13, the Pargon Creek Snotel site south of Bering Land Bridge National Preserve had accumulated 3.3 inches of rain (since October 1). The median for that date is 0.5 inches (Figure 3). The new Snotel site at Pilgrim Hot Springs recorded 2.9 inches of precipitation and the NPS station at Serpentine Hot Springs (liquid precipitation only) totaled 0.9 inches over the same time period.

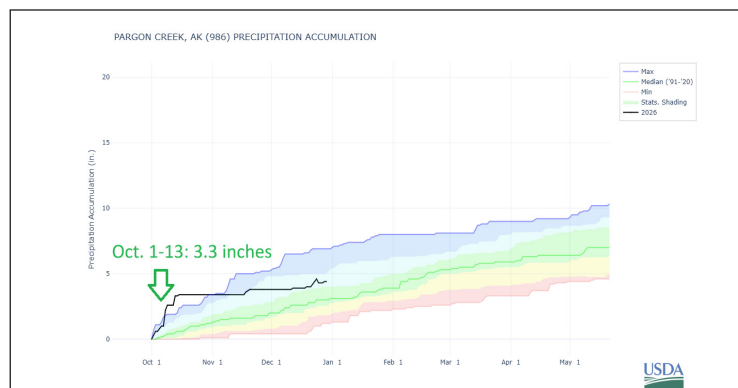


Figure 3. Accumulated precipitation at the Pargon Snotel site south of Bering Land Bridge National Preserve starting October 1, 2025.

At our remote sites we generally only measure summer rainfall when temperatures are reliably above freezing, and the precipitation is liquid. During this event, the air temperatures were mostly above freezing at Serpentine, suggesting that the rain gauge was recording liquid precipitation.

Cool Fall Season at Serpentine Hot Springs

The average fall season temperature at Serpentine Hot Springs hovers below freezing at 28.9°F. This fall was 0.7°F cooler than the site average with records back to 2012 (Figure 4). Remember that the fall season in Nome was warmer than normal this year, but that is based on a 30-year average between 1991-2020 (the current standard climate reference period). We don't have that many years of data at Serpentine yet. Nome fall season temperatures (grey dots on graph) average about 3°F warmer than Serpentine and have increased by about 2°F over the past 100 years.

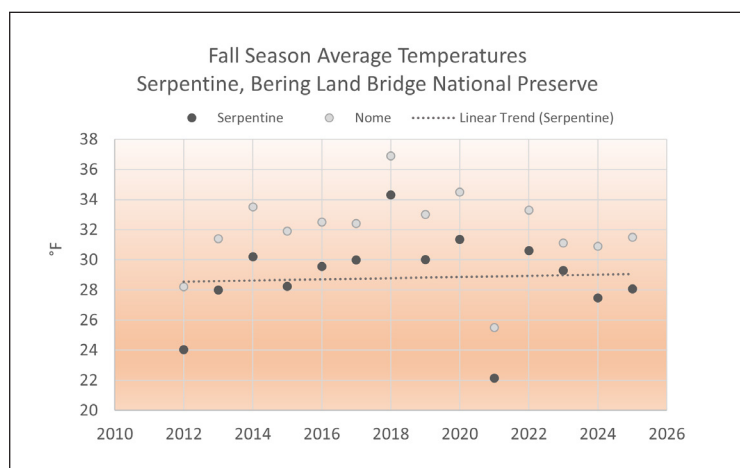
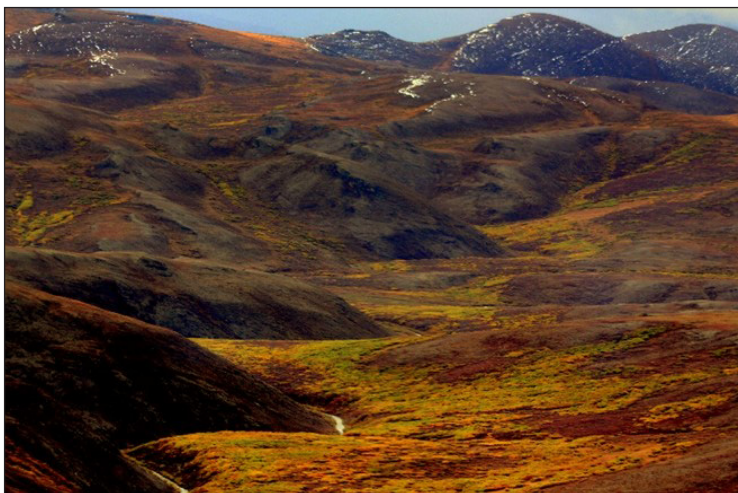


Figure 4. Fall season average temperatures at Serpentine Hot Springs (and Nome in light grey).



[Click here](#) for current weather in Bering Land Bridge National Preserve.

More Information

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Data disclaimer: Please note that the near-real time data used to generate these reports is subject to change. QA/QC data from the NPS CAKN/ARCN climate stations are available at [NPS Data Store](#)