



Weather & Climate Summary Bering Land Bridge National Preserve Summer 2016

Nome Summer Weather

June was warmer and drier than normal in Nome. The average temperature for June was 49.3°F compared to a normal of 47.8°F. The low temperature for the month was -30°F recorded on June 9. The total precipitation for June was 0.34 inches, only 35% of average. June 2016 was the 15th warmest on record and 22nd driest. Records in Nome began in 1907.

July 1 was the hottest day of the year with a high temperature of 77°F. Overall, however, July was slightly cooler than normal with a monthly average temperature of 51.8°F. Normal is 52.2°F. Monthly precipitation was well above normal, totaling 3.82 inches. The 1.43 inches of rain measured on July 29 was a record for the date. Overall, July ended up at 181% of normal.

August was warm with near-normal precipitation. The average monthly temperature was 53.6°F, which is 3.5°F warmer than normal. It was the 8th warmest August on record. Rainfall was recorded on 13 days in August and was 94% of normal at 3.03 inches; August is typically the wettest month of the year, but this year July was wetter.

The average summer temperature at Nome was 51.6°F which is 1.5°F warmer than the 1981-2010 normal. It was the 10th warmest summer on record (1907-2016). The total summer precipitation was 7.19 inches, 114% of normal (Figures 1 and 2; Tables 1 and 2).

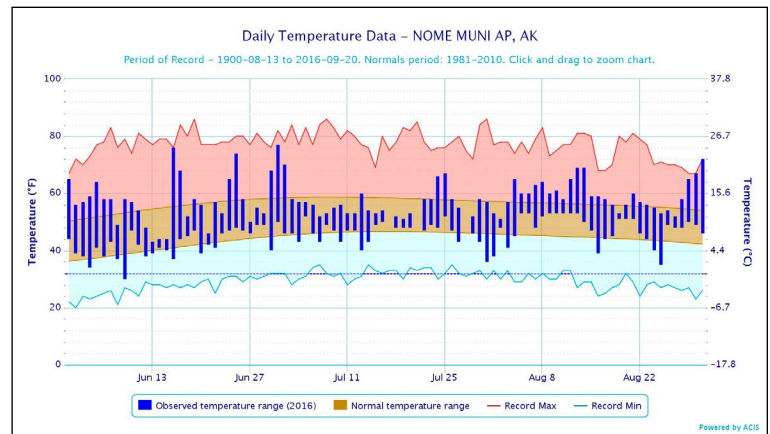


Figure 1. Summer 2016 daily temperatures at Nome showing **record maximum** (red), **record minimum** (blue), **normal** (brown) and **observed** range (blue bars).

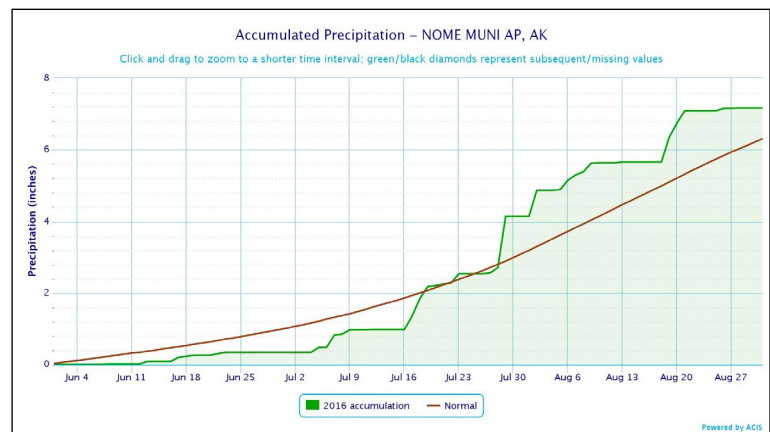


Figure 2. Summer **2016** accumulated precipitation at Nome (green) compared to **normal** (brown line).

Table 1. Temperature: Summer 2016 average monthly temperatures compared to the 1981-2010 normal.

Summer 2016	Average Monthly Temp °F	1981-2010 Normal °F	Departure from Normal °F	Monthly High °F / Date	Monthly Low °F / Date
June	49.3	47.8	+1.5	76* / June 16	30 / June 9
July	51.8	52.2	-0.4	77 / July 1	36 / July 31
August	53.6	50.1	+3.5	72* / Aug 31	35 / Aug 25

*Daily Record High; Summer Season Temperature Departure from Normal: +1.5°F

Table 2. Precipitation: Summer 2016 monthly precipitation totals compared to normal.

Summer 2016	Total Monthly Precip. in.	1981-2010 Normal in.	Departure from Normal in.	Greatest 24 -hr. total in. / Date	# Days with >=0.01 in. water
June	0.34	0.98	-0.64	0.11 / June 17	8
July	3.82	2.11	+1.71	1.43* / July 29	15
August	3.03	3.22	-0.19	0.73 / Aug 2	13

*Daily Record Total Inches; Summer Season Precipitation Departure from Normal: +0.86 inches (114% of normal)

Climate Monitoring in Bering Land Bridge National Preserve

NPS climate stations in Bering Land Bridge complement the long-term record from the National Weather Service station in Nome. NPS stations are located at Serpentine Hot Springs, Midnight Mountain, Devil Mountain, and Ella Creek (Figure 3). Near real-time observations are available through the National Weather Service at this [hyperlink](#).

Featured Station: Serpentine Hot Springs

The Serpentine station was installed in 2011 near the hot springs. The station is located in the central Seward Peninsula at an elevation of 518 feet. The site is surrounded by gentle, rolling hills and granite tors. Vegetation near the site is composed of dwarf birch, lichens, and low tundra. The lowest temperature measured was -45.7°F in February 2012. The maximum temperature measured was 85.3°F in June 2013. The mean annual air temperature at the site is 23.3°F. Winds are moderate with a mean wind speed of 6.8 mph over the period of record. About 18 inches of snow accumulated at the site in 2013, but in recent years there has been very little snow accumulation at the site.

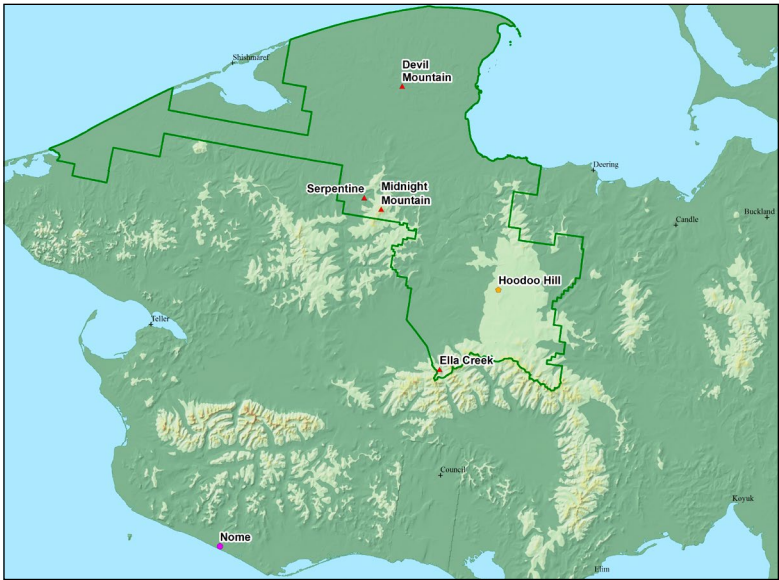


Figure 3. NPS Climate stations in Bering Land Bridge National Preserve.

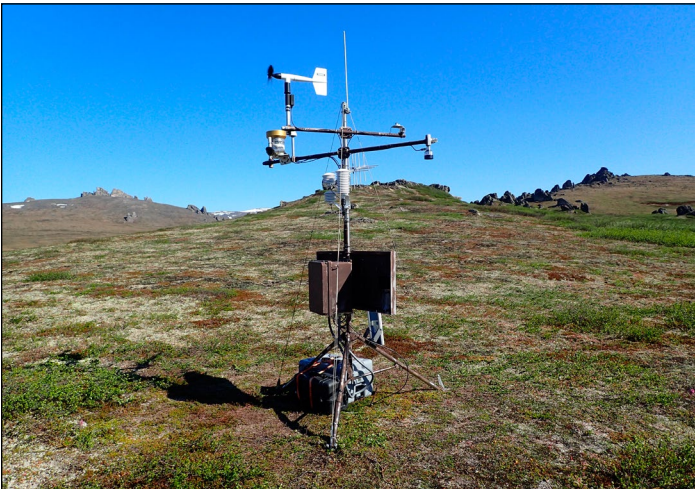


Figure 4. Serpentine Hot Springs climate station.

More Information

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[Current weather in BELA](#)