



Weather & Climate Summary Denali National Park & Preserve Summer 2025

Eielson Visitor Center climate station August 12, 2025. NPS Photo/Ken Hill

Denali Park HQ Summer Season 2025

Summer 2025 was warmer than normal with near normal precipitation for the season. July was the warmest month, and August was the wettest month. The summer season was 0.8°F warmer than the 1991-2020 normal. The total summer rainfall was 8.67 inches, just above normal at 101%. June and July were much drier than normal, while August was much wetter than normal (Table 1 and 2, Figures 1 and 2).

June

June was much drier than normal with near normal temperatures. The first half of June was relatively cool with four days of overnight low temperatures at or below freezing (32°F). After that, temperatures warmed, and daily high temperatures climbed to the high 70s and low 80s around solstice. June rainfall totaled only 1.19 inches, which is 49% of normal for the month.

July

July was warmer and drier than normal. The average monthly temperature was 1.9°F warmer than normal at 57.4°F. The two warmest days of the month, July 3 and 6, both had daily high temperatures of 81°F. July remained on the dry side with reports of crunchy tundra from the backcountry rangers. Only 2.16 inches of rain fell; the normal July total is 3.12 inches. July 29 was the wettest day with 0.52 inches. The wettest four days were the last days of the month.

August

August was warmer and wetter than normal. Temperatures continued to be above normal through late summer, but the

timing changed. The daily *high* temperatures moderated while the overnight *lows* were warmer than normal. The minimum temperatures averaged 1.3°F warmer than normal. It was another wet August. A total of 5.32 inches of rain fell, normal is 3.01 inches. Half of that rain fell during the 48-hour period between August 29-30. 1.35 inches of rain was recorded on August 29, a new daily record. The extreme rain caused a flooding event that was disruptive to park operations including road closures and campground evacuations. It rained 24 out of 31 days in August and ranked as the 6th wettest August on record.

Table 1. Denali Park HQ average monthly temperatures compared to the 1991-2020 normal.

Summer 2025	Average Monthly Temp (°F)	1991-2020 Normal (°F)	Departure from Normal (°F)
June	53.1	53	+0.1
July	57.4	55.5	+1.9
August	51.3	50.9	+0.4

Summer Temperature Departure from normal: +0.8°F

Table 2. Denali Park HQ monthly precipitation totals compared to normal.

Summer 2025	Total Monthly Precip. (in.)	1991-2020 Normal (in.)	Departure from Normal (in.)
June	1.19	2.42	-1.23
July	2.16	3.12	-0.96
August	5.32	3.01	+2.31

Summer Precipitation Departure from normal: +0.12 in. (101% of normal)

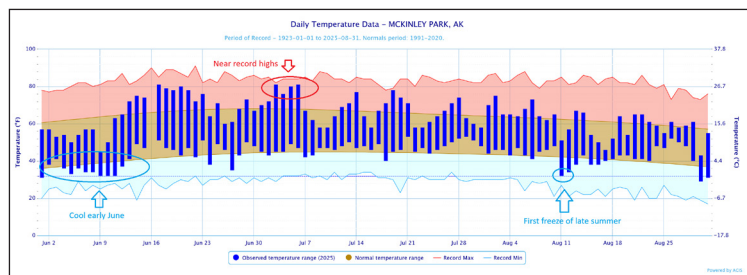


Figure 1. Summer 2025 daily temperatures at Denali Park HQ showing record maximum (red), record minimum (blue), normal (brown) and observed range (blue bars). <http://xmacis.rcc-acis.org/>

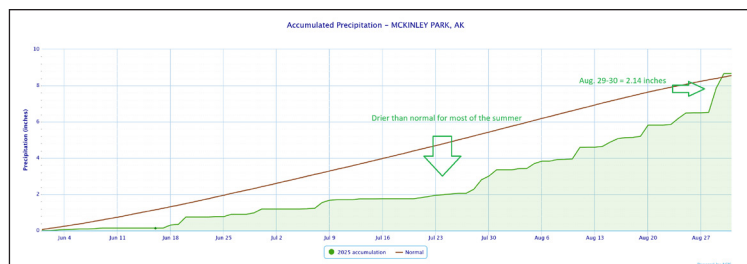


Figure 2. Summer 2025 accumulated precipitation at Denali Park HQ (green) compared to normal (brown line). <http://xmacis.rcc-acis.org/>

Talkeetna Summer Season 2025

Talkeetna was cooler and drier than normal this summer. The summer season ended up 1.1°F cooler than the 1991-2020 normal. June, July, and August were all cooler than normal. June was the coolest month with an average monthly temperature -2.3°F cooler than normal. Normally, August is the coolest month of the summer season. On June 19 the high temperature reached 81°F, the warmest day of the summer. July was dry with only 1.16 inches of rain falling for the month, 60% of normal. The total summer rainfall total was 7.13, normal is 9.28 inches.

Summer at Eielson Visitor Center

Summer started out cool this year with early June temperatures well below average at the Eielson Visitor Center climate station. Daily minimum temperatures between 28°F and 34°F June 6-10 were the lowest ever recorded on those dates. June temperatures warmed mid-month with new record highs reaching into the mid to upper 60s the week leading up to solstice. Another short warm period occurred around July 4th with two additional record highs of 69°F on July 2 and 70°F on July 4th.

Temperatures were near normal through July and the first part of August before plunging to freezing levels on August 10 and remaining cool until the 16th. More temperature variability was evident the last week of August with record warm daily highs on August 25th followed by near record overnight lows on August 29 and 30. The site had 8 new record highs and 9 new record lows this summer with continuous observations for the past 20 years.

The average summer temperature was 49.5°F at Eielson Visitor Center, just above the site average (Figure 3). Overall, summer temperatures have increased since 2006 when we began continuous measurements.

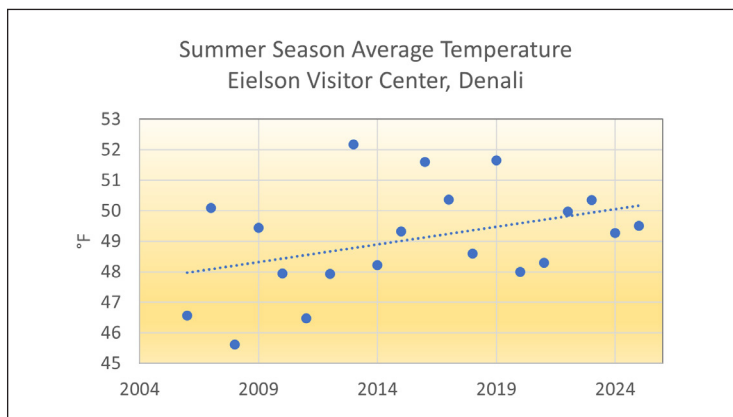


Figure 3. Summer season average temperatures at Eielson Visitor Center, Denali NP&P.

August Rain

Abundant rain fell across Denali on August 29-30, 2025. The highest totals were at the east end of the park road with the long-term site at the kennels recording 2.14 inches over the 2-day period. The nearby Denali Visitor Center RAWS recorded 1.77 inches over the same period. Farther west on the park road, Eielson VC recorded 1.10 inches while Wonder Lake had 1.20 inches. Some of the precipitation at Eielson fell as snow that lasted several days before melting off (measured precipitation may be underestimated due to snow). An inch of rain over a 24-hour period is significant for Interior Alaska and can lead to dangerous high-water levels on rivers and streams, erosion, and landslides all which pose a risk to public safety (Figure 4). August rainfall totals have increased significantly at park headquarters over the past 75 years.



Figure 4. The Teklanika River (left) and Teklanika Bridge (right) during the August 29-30 flooding event. NPS photo.

More Information

[Pam Sousanes@nps.gov](mailto:Pam_Sousanes@nps.gov); ph 907-455-0677

[Kenneth Hill@nps.gov](mailto:Kenneth_Hill@nps.gov); ph 907-455-0678

Current Weather in Denali

<https://www.nps.gov/im/cakn/climate.htm>

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 climate stations are available at [NPS Data Store](#)