

# NWS GRAND JUNCTION COLORADO



A LOOK  
BACK AT

## AUGUST 2025

WEATHER ACROSS E UTAH / W COLORADO

August started hot and dry, with daily Red Flag Warnings in effect for much of those first two weeks. Enough moisture was present in the first few days of the month that a few high elevation thunderstorms were able to form. From these dry thunderstorms, several new fires started in the first week of the month, including the Lee Fire, which ultimately grew to over 137,000 acres. Temperatures during this period also ran consistently 5-10 degrees above normal. Moisture began to sneak back in starting on the 14th, spawning dry thunderstorms across the higher terrain each afternoon, resulting in concerns for gusty outflows and frequent lightning. The peak heat of the month arrived in the third week, with several new record highs being set at the Grand Junction Regional Airport, and elsewhere across the region. But by the end of that week, a significant push of monsoonal moisture moved into the Four Corners region. This moisture gradually overspread the region between the 23rd and the 28th. To start, showers and thunderstorms were mostly dry and produced gusty winds and lightning, but by the 24th and the 25th, the atmosphere became saturated to the surface, and the heavy rain threat began. Widespread moderate to heavy rain fell across much of the area, with heavy rainfall associated with convection in certain locations. Some of these heavier storms moved over the recent burn scars from earlier this summer, including the Lee Fire. Multiple debris flows were reported over multiple days of monsoonal moisture on the Lee Fire, including one that trapped an 18-wheeler. Things dried out by the 30th, ending things on a sunny note.



# AUGUST 2025

## MONTHLY SUMMARY



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*NOTE: all data mentioned is collected from our automated observing stations from 10 airports across the area. Some observers in more remote areas may have measured warmer or colder temperatures, or more or less precipitation than mentioned in this summary.*

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# STORY OF THE MONTH **FIRE AND FLOOD**

*August started off hot and dry, with just enough moisture to spark some new wildfires across the area. Two of the biggest were the Lee Fire and the Elk RBX fire, both of which burned in Rio Blanco county around the town of Meeker. The hot, dry and windy conditions of the first half of the month only fueled the flames. However, cooler and wetter conditions made a return for the second half of the month, including a solid monsoonal period during the last 10 days. But that meant that concerns around the fires turned from "what will burn next" to "what will flood and what debris will flow." The Lee Fire had several confirmed debris flows during the monsoonal push, including one that trapped a large truck.*

Image of the Lee Fire on August 19th, provided by Rocky Mountain Area Complex Incident Management Team Three



An ATV covered in mud in a flooded area of the White River approximately 10 miles west of Meeker, Colorado, as photographed by Regas Halandras, became wreckage from flooding caused by rain run off from the burn scars of the nearby Lee fire in Rio Blanco County.

AUGUST 2025

# TEMPERATURES



Location	AVG Temp (°F) (VS Normal)	Warmest Temp (° F)	Coldest Temp (°F)
Aspen, CO	64.4 <b>(+1.3)</b>	91 on 8/21	40 on 8/11
Cortez, CO	71.5 <b>(+1.6)</b>	98 on 8/7, 21	43 on 8/4, 11
Craig, CO	65.9 <b>(-0.4)</b>	96 on 8/20, 21	35 on 8/10
Durango, CO	70.6 <b>(+3.1)</b>	96 on 8/7	43 on 8/4
Grand Junction, CO	78.6 <b>(+2.3)</b>	103 on 8/21	51 on 8/30
Meeker, CO	66.1 <b>(-0.7)</b>	97 on 8/21	38 on 8/11
Montrose, CO	73.8 <b>(+2.4)</b>	98 on 8/21	50 on 8/31
Rifle, CO	72.9 <b>(+1.6)</b>	102 on 8/21	46 on 8/11
Canyonlands Airport, UT	78.7 <b>(+0.7)</b>	104 on 8/21	52 on 8/30
Vernal, UT	73.1 <b>(+1.3)</b>	99 on 8/20, 21	48 on 8/31





Location	Total Precipitation (in.)	Departure from Normal (in.)
Aspen, CO	1.11	-0.37
Cortez, CO	1.52	-0.07
Craig, CO	1.22	+0.25
Durango, CO	0.79	-0.58
Grand Junction, CO	0.31	-0.61
Meeker, CO	1.50	+0.17
Montrose, CO	0.45	-0.45
Rifle, CO	0.65	-0.42
Canyonlands Airport, UT	0.15	-0.48
Vernal, UT	0.16	-0.60





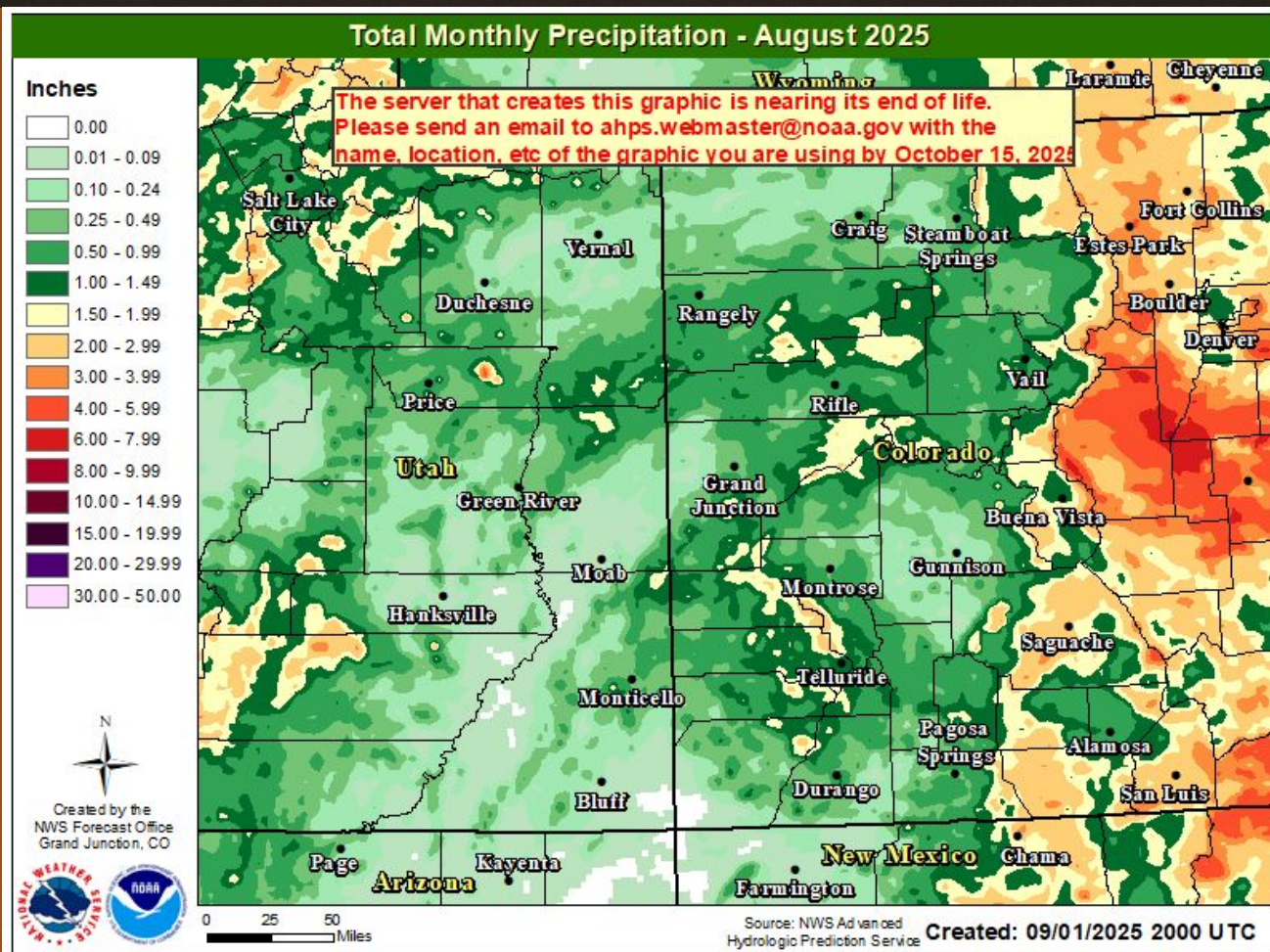
# AUGUST 2025

## MONTHLY SUMMARY



TOTAL  
MONTHLY

# PRECIPITATION





# AUGUST 2025

## MONTHLY SUMMARY

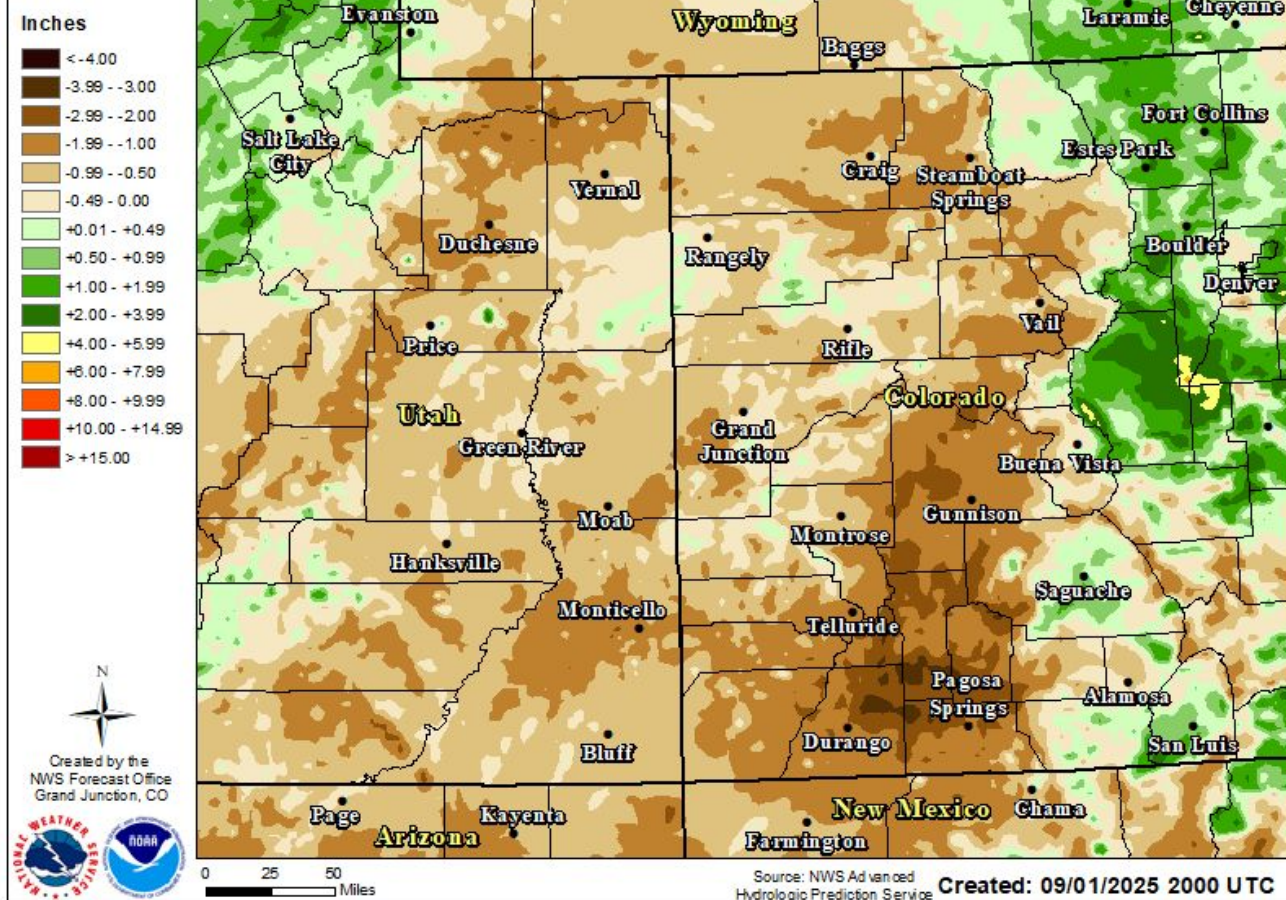


TOTAL  
MONTHLY

# PRECIPITATION

## DEPARTURE FROM NORMAL

Total Monthly Precipitation Departure From Normal - August 2025



# AUGUST 2025

## MONTHLY SUMMARY



DAILY  
RECORDS

# R E P O R T

*A total of 6 daily records was set across the primary climate sites*

Site	Date	Record Type	New Record	Previous Record
Grand Junction, CO	August 19th	High Max Temperature	99F	98F in 2020
Grand Junction, CO	August 20th	High Max Temperature	100F	100F in 2020
Grand Junction, CO	August 21st	High Max Temperature	103F	99F in 2019
Grand Junction, CO	August 22nd	High Max Temperature	100F	99F in 2020
Grand Junction, CO	August 22nd	High Min Temperature	74F	71F in 2019
Grand Junction, CO	August 23rd	High Min Temperature	71F	70F in 1905

High Max

Low Max

Precip

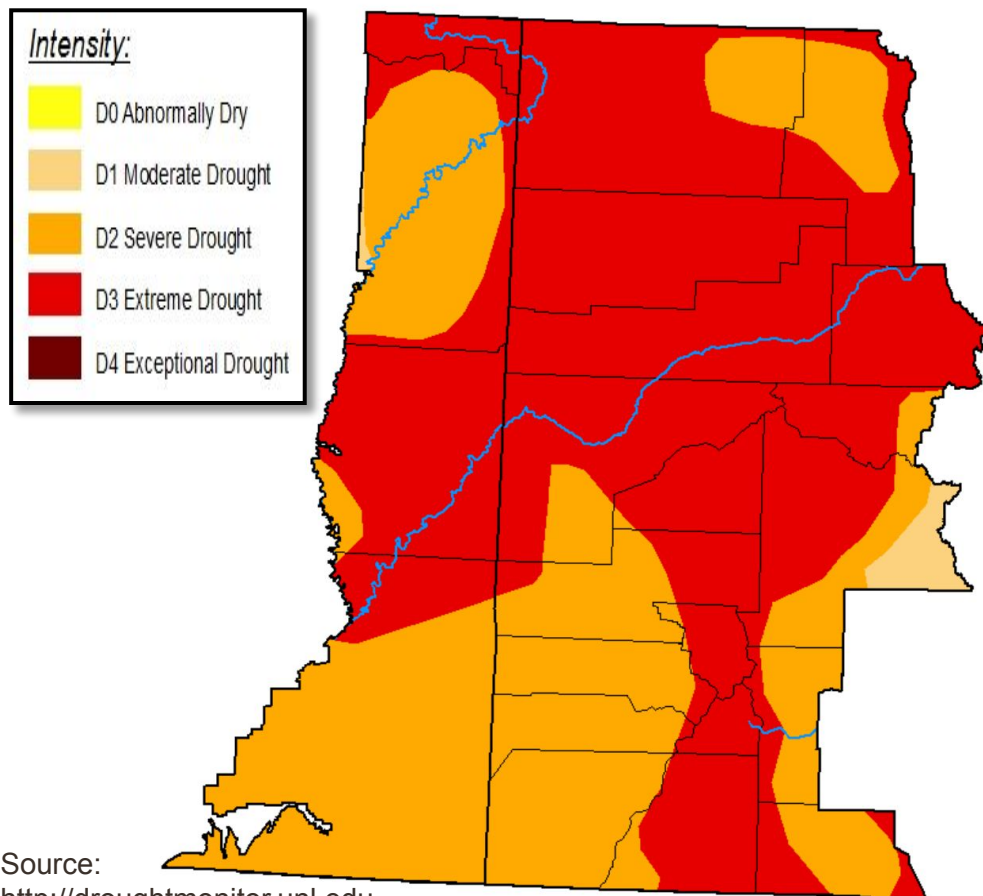
High Min

Low Min





*Despite how it seems from the most recent Drought Monitor update, a patch of Exception (D4) Drought developed over central Western Colorado and was present for most of the month of August, appearing on the August 12th update and only being removed on the September 2nd update. Extreme (D3) Drought expanded substantially during the month, and Severe (D2) Drought filled in just about all the remaining portions of Moderate (D1) Drought, although a pocket has reappeared over the central Divide mountains.*



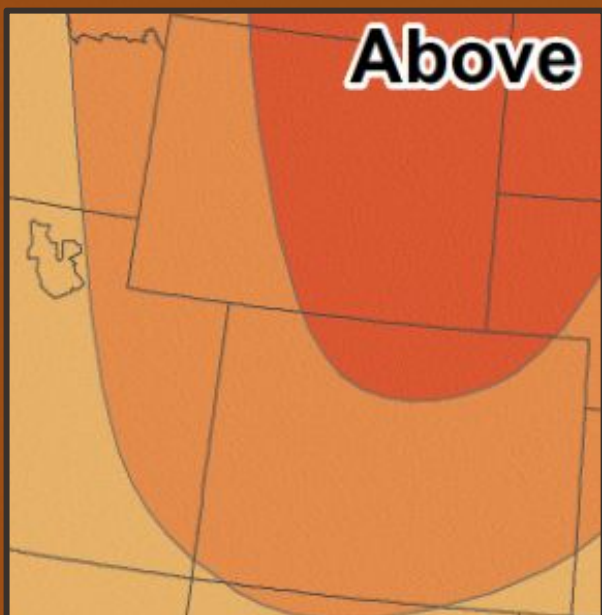
SEPTEMBER  
2 0 2 5

# OUTLOOK

## TEMPERATURES & PRECIPITATION



*The latest guidance from the Climate Prediction Center (CPC) is leaning toward above normal temperatures for eastern Utah and western Colorado for the month of September. The majority of the region is highlighted with a 40-50% probability of above normal temperatures, while a small portion of southwest Colorado and southeast Utah are less favored, with a 33-40% probability. A portion of the northwest Colorado mountains is more favored, with a 50-60% probability. As for precipitation, the entire region is under equal chances of above or below normal precipitation.*



Temperatures

Precipitation

Equal  
Chances

Above