

NWS GRAND JUNCTION COLORADO



A LOOK BACK AT **JULY 2024** WEATHER ACROSS E UTAH / W COLORADO

July started off with lingering monsoonal moisture bringing widespread shower and thunderstorms. In addition to the usual threats of gusty winds, frequent lightning, and small hail, heavy rain and flash flooding were also concerns. This wet period did not last long, however, as drier air and warmer temperatures built in to round out the first week of the month. As temperatures increased, so did fire weather concerns, with several days of critical fire weather conditions occurring during the middle of the month. Isolated to widely scattered showers and thunderstorms remained a daily nuisance, with the lightning and gusty outflow winds having the potential to create new wildfires. Near record heat moved in for the second week of the month, particularly for the low desert valleys of eastern Utah and western Colorado. Despite this unusual and prolonged period of heat, no records were tied or broken at the Grand Junction climate site. Deeper moisture made a return by the third week of the month, although the main threats continued to be gusty winds and lightning thanks to very dry surface levels. Higher elevations were most favored to see storms, especially south of I-70. Heat and dry air returned to round out the month, with triple digits across the desert valleys, and critical fire weather conditions most afternoons.



JULY 2024

CLIMATE 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 JULY have measured warmer or colder temperatures, or more or less precipitation than mentioned in this summary.

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STORY OF THE MONTH **J U L Y H E A T**

The month of July is typically when the Southwest Monsoon finally begins to influence the weather over eastern Utah and western Colorado, and as a result is typically a few degrees cooler on average than the month of June. This year, though, that did not happen. The month of July was nearly as warm as June, with several stretches of 10-15F above normal temperatures. Even six consecutive days of 100+ degree heat in Grand Junction. While no records were set during this period, it was a near thing, with many days coming within a degree of tying the record. By the end of the month, monsoonal moisture began to finally stream in, dropping temperatures closer to normal values.

Staying Safe in the Heat

- ☀ Limit Outdoor Activities
- ☀ Drink Plenty of Water
- ☀ Avoid Alcohol
- ☀ Wear Light Clothing
- ☀ Wear Sunscreen
- ☀ Work Outdoors Early or Very Late in the Day



[weather.gov/heat](https://www.weather.gov/heat)

J U L Y
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TEMPERATURES



Location	Average Temp (°F) (VS Normal)	Warmest Temp (°F)	Coldest Temp (°F)
Aspen, CO	63.4 (-1.8)	88 on 7/12, 13	39 on 7/5, 6
Cortez, CO	73.5 (+0.6)	97 on 7/12, 14	43 on 7/6
Craig, CO	69.1 (+0.8)	100 on 7/13	38 on 7/4
Durango, CO	69.9 (+4.8)	94 on 7/14, 15, 16	43 on 7/5, 6, 7
Grand Junction, CO	83.0 (+3.8)	104 on 7/12	60 on 7/3, 6
Meeker, CO	67.3 (-1.3)	94 on 7/12, 13	40 on 7/3, 4, 7
Montrose, CO	74.5 (+0.5)	97 on 7/13	50 on 7/5
Rifle, CO	74.6 (+0.9)	102 on 7/13	48 on 7/3
Canyonlands Airport, UT	82.6 (+1.5)	106 on 7/12	54 on 7/31
Vernal, UT	75.5 (+1.5)	101 on 7/12	47 on 7/4



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PRECIPITATION



Location	Total Precipitation (in.)	Departure from Normal (in.)
Aspen, CO	1.24	-0.40
Cortez, CO	1.13	-0.01
Craig, CO	0.38	-0.55
Durango, CO	1.08	-0.15
Grand Junction, CO	0.14	-0.45
Meeker, CO	0.50	-0.56
Montrose, CO	0.32	-0.48
Rifle, CO	0.26	-0.70
Canyonlands Airport, UT	0.08	-0.45
Vernal, UT	0.01	-0.52

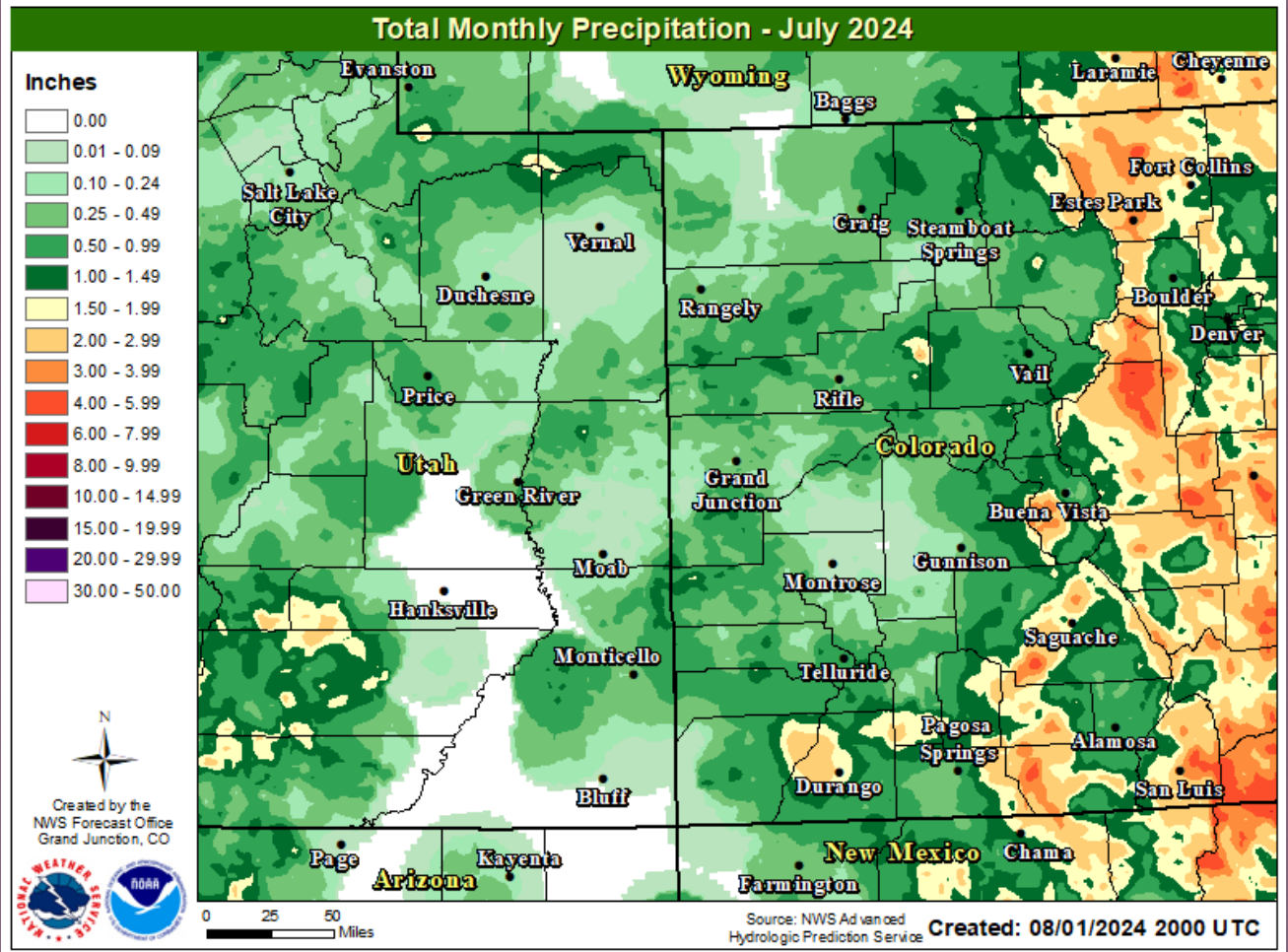


JULY 2024

CLIMATE SUMMARY



TOTAL MONTHLY PRECIPITATION



JULY 2024

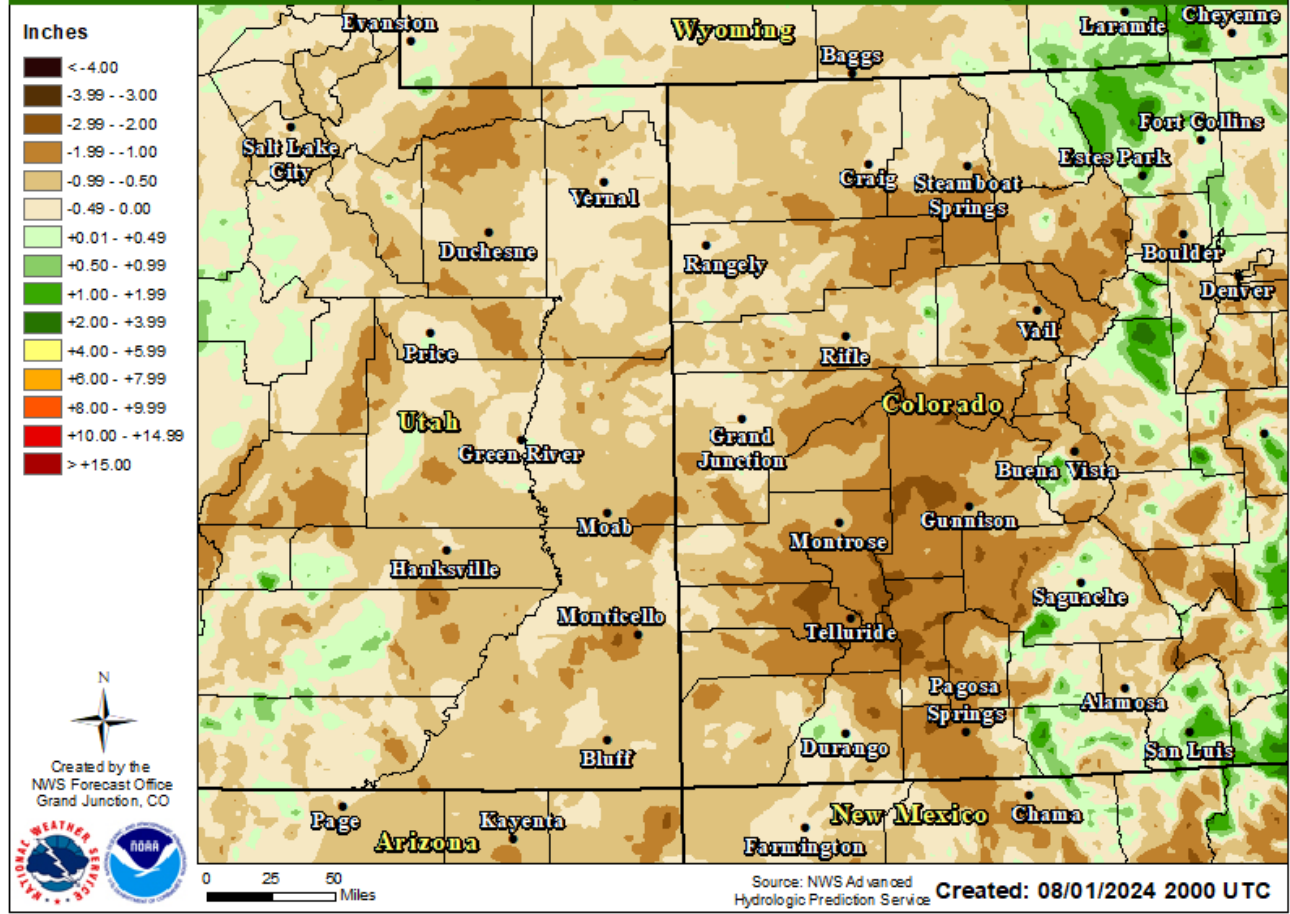
CLIMATE SUMMARY



TOTAL MONTHLY PRECIPITATION

DEPARTURE FROM NORMAL

Total Monthly Precipitation Departure From Normal - July 2024



JULY 2024

CLIMATE SUMMARY



DAILY RECORDS

REPORT

A total of 0 daily records were set across the primary climate sites

Site	Date	Record Type	New Record	Previous Record
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High Max

Low Max

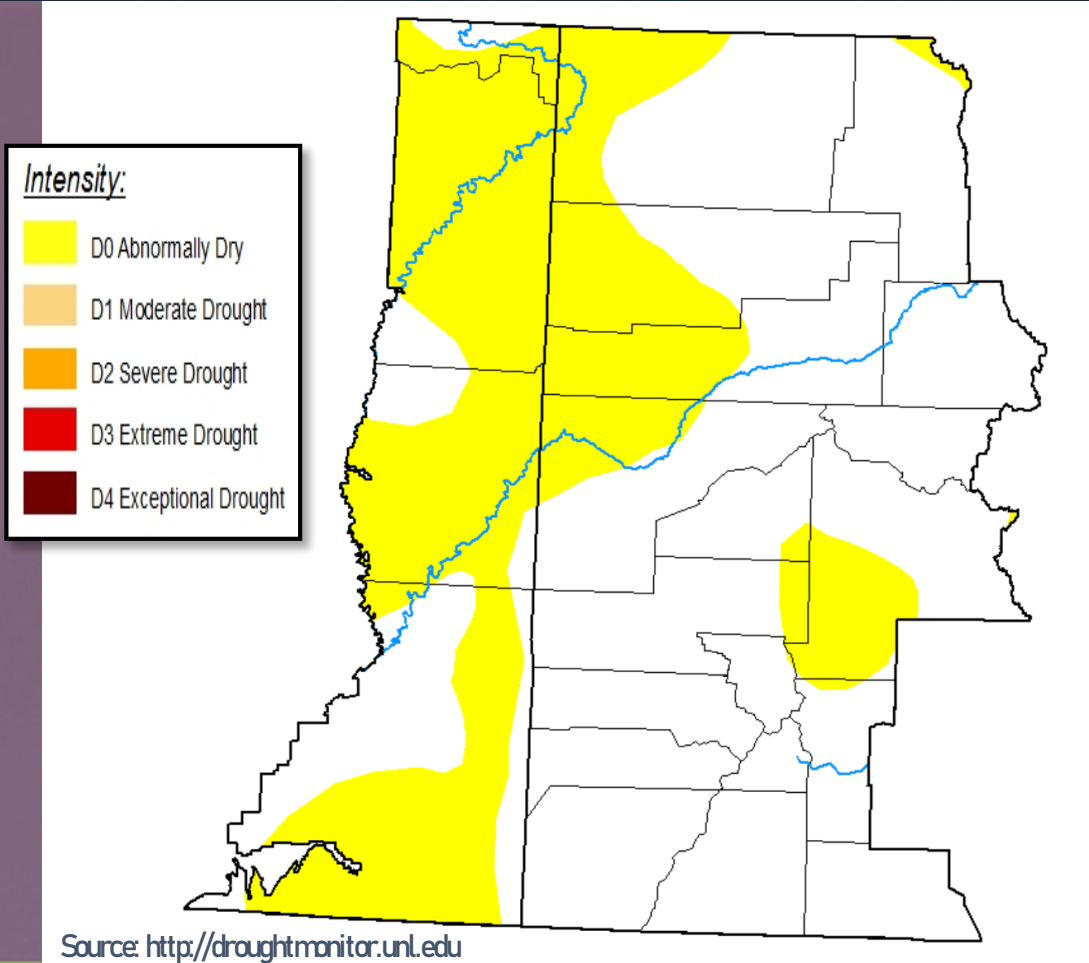
Precip

High Min

Low Min



Despite an unusually dry July, eastern Utah and western Colorado remained drought free. Much of eastern Utah and portions of northwest Colorado, as well as southern Gunnison County, have maintained Abnormally Dry (D0) conditions through the period. This will bear watching if dry conditions persist into the month of August.





The latest guidance from the Climate Prediction Center (CPC) indicates that above normal temperatures are again very likely (70-80%) for all of eastern Utah and western Colorado during the month of August. Nearly all of eastern Utah and much of western Colorado are currently favored for equal chances of above or below normal precipitation during the month, with some areas of northwest Colorado, closer to the Divide, indicating a slight leaning (33-40%) toward below normal precipitation.

Temperatures



Precipitation

