

NWS GRAND JUNCTION COLORADO



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

The month of June started off with lingering showers over the terrain and near normal temperatures, but that changed real quickly, with conditions drying out and temperatures jumping well above normal. The desert valleys of eastern Utah and western Colorado saw their first triple digits of the year. At the Grand Junction Regional Airport in the week between June 7th and the 14th, 5 new records were set. Four were tied or broken record daytime highs, and one was a broken record high low. By the middle of the month tropical moisture began working into the region, with temperatures cooling to near normal, and storms firing off the terrain. The dry air at the surface would take a while to saturate, so for the third week of the month, gusty winds, frequent lightning, and even some critical fire weather were the story across the region. Finally, the last week of the month saw moisture saturate all the way down, and heavy rain became a real concern. In addition, the concern for severe weather was heightened, especially over June 20th-22nd. A Severe Thunderstorm Watch was issued for the first time, and indeed, several severe thunderstorms formed, producing hail over an inch in diameter, severe winds, and very heavy rains. Flash flooding from these storms occurred in multiple areas, including Grand Junction and Moab. A few days of a break snuck in between the 24th and 26th, but severe storms and flash flooding made their return to close out the month.



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

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STORY OF THE MONTH

LATE MONTH SEVERE STORMS + FLOODING

While the month of June started off hot and dry, it ended on a wet and wild note. For the first time in 4 years, the Western Slope was under a Severe Thunderstorm Watch, and not just once but twice! And these storms definitely produced some impressive lightning, wind, and hail. Many locations saw hail an inch in diameter or better, and wind gusts of 60-70 mph. In addition, very heavy rain accompanied these storms, with rainfall rates of 3-4 inches per hour! This meant that even though these storms were moving quickly, there were capable of putting down 0.50-1.00 inches of rain in 30 minutes or less. And several places, including Grand Junction and Moab, saw flash flooding as a result.



SEVERE STORMS This Afternoon

Timing

Noon to 7 PM

HAIL Up to 2 inch

NONE HIGH

WIND Gusts 50 to 70 mph possible

NONE HIGH

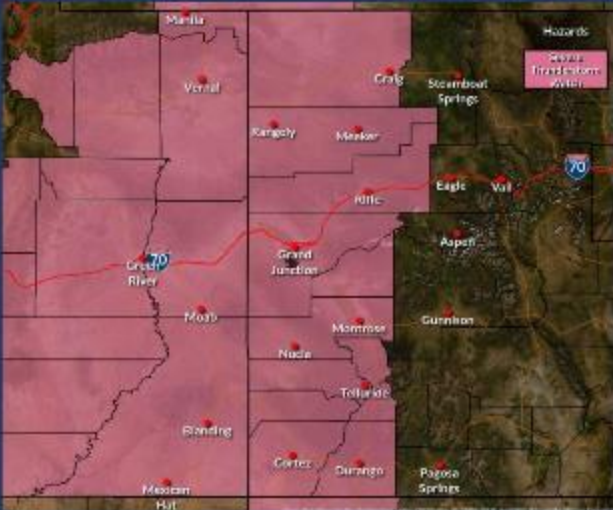
TORNADO A tornado possible

NONE HIGH

FLOODING Localized flash flooding

NONE HIGH

* Threat levels correspond to location with the HIGHEST RISK. Threats generally decrease away from the highest risk.




SEVERE THUNDERSTORM WATCH IN EFFECT UNTIL 7 PM MDT


What To Expect

- Scattered large hail & isolated very large hail up to 2 inches in diameter possible
- Scattered damaging winds up to 70 mph


What To Do?






SHELTER INDOORS



OUTDOOR PLANS? STAY WEATHER AWARE



HAVE MULTIPLE WAYS TO RECEIVE WARNINGS

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TEMPERATURES



Location	Average Temp (°F) (VS Normal)	Warmest Temp (°F)	Coldest Temp (°F)
Aspen, CO	61.6 (+2.2)	85 on 6/13, 25	37 on 6/19
Cortez, CO	70.9 (+5.4)	97 on 6/7, 25	40 on 6/1
Craig, CO	65.2 (+4.3)	94 on 6/13	35 on 6/1
Durango, CO	67.5 (+4.8)	94 on 6/6, 12	34 on 6/2
Grand Junction, CO	78.6 (+5.6)	102 on 6/12	51 on 6/18
Meeker, CO	63.8 (+1.8)	93 on 6/13	37 on 6/1
Montrose, CO	71.6 (+2.9)	95 on 6/12, 13	49 on 6/1, 15, 19
Rifle, CO	71.7 (+4.5)	98 on 6/13	44 on 6/1
Canyonlands Airport, UT	78.5 (+4.4)	103 on 6/12	52 on 6/18
Vernal, UT	71.8 (+4.7)	98 on 6/13	45 on 6/1



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PRECIPITATION



Location	Total Precipitation (in.)	Departure from Normal (in.)
Aspen, CO	1.27	+0.39
Cortez, CO	1.50	+1.21
Craig, CO	0.71	-0.28
Durango, CO	3.17	+2.72
Grand Junction, CO	1.76	+1.35
Meeker, CO	1.64	+0.56
Montrose, CO	1.93	+1.57
Rifle, CO	1.25	+0.57
Canyonlands Airport, UT	0.90	+0.57
Vernal, UT	0.36	-0.14

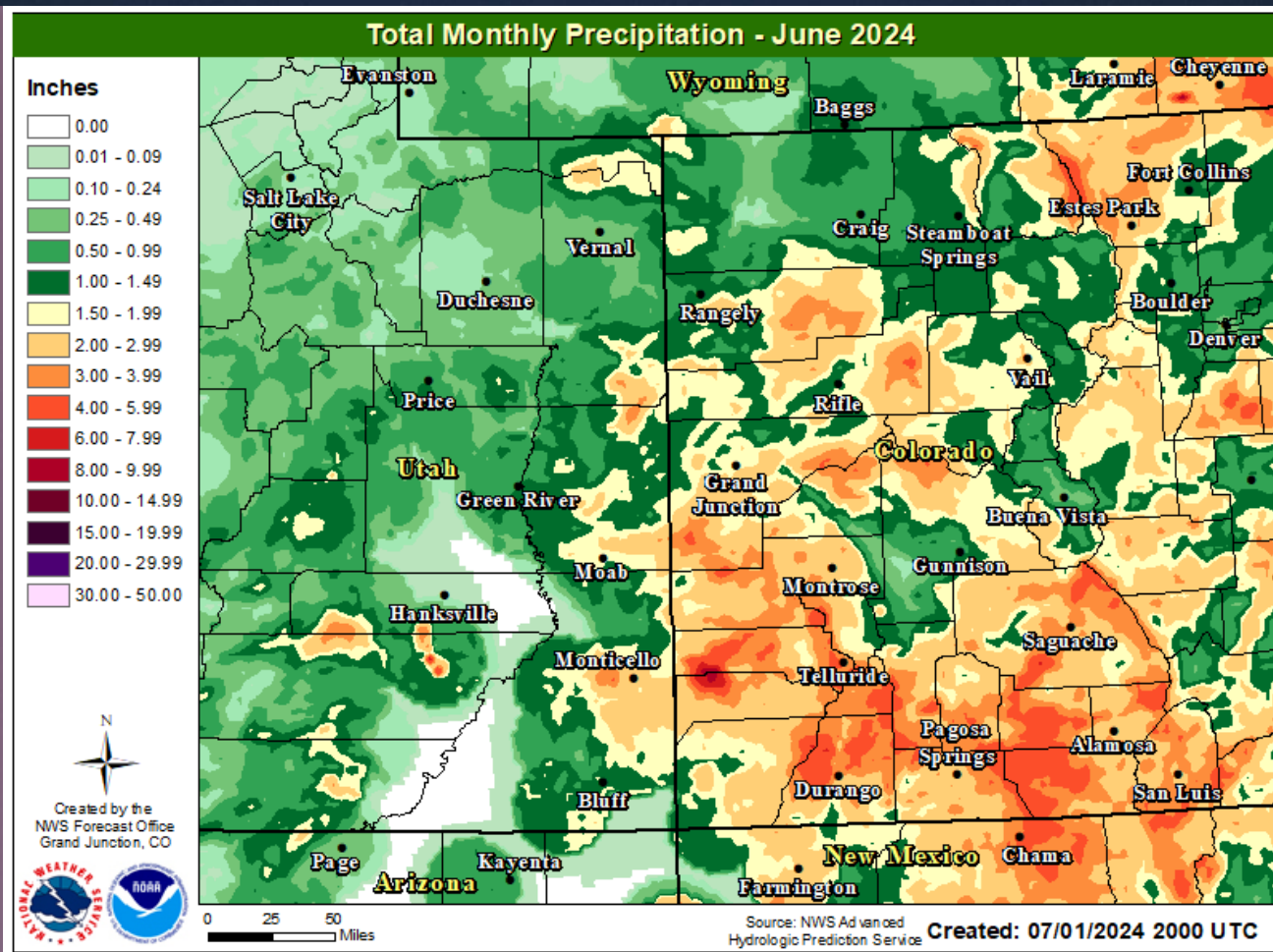


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CLIMATE SUMMARY



TOTAL MONTHLY PRECIPITATION



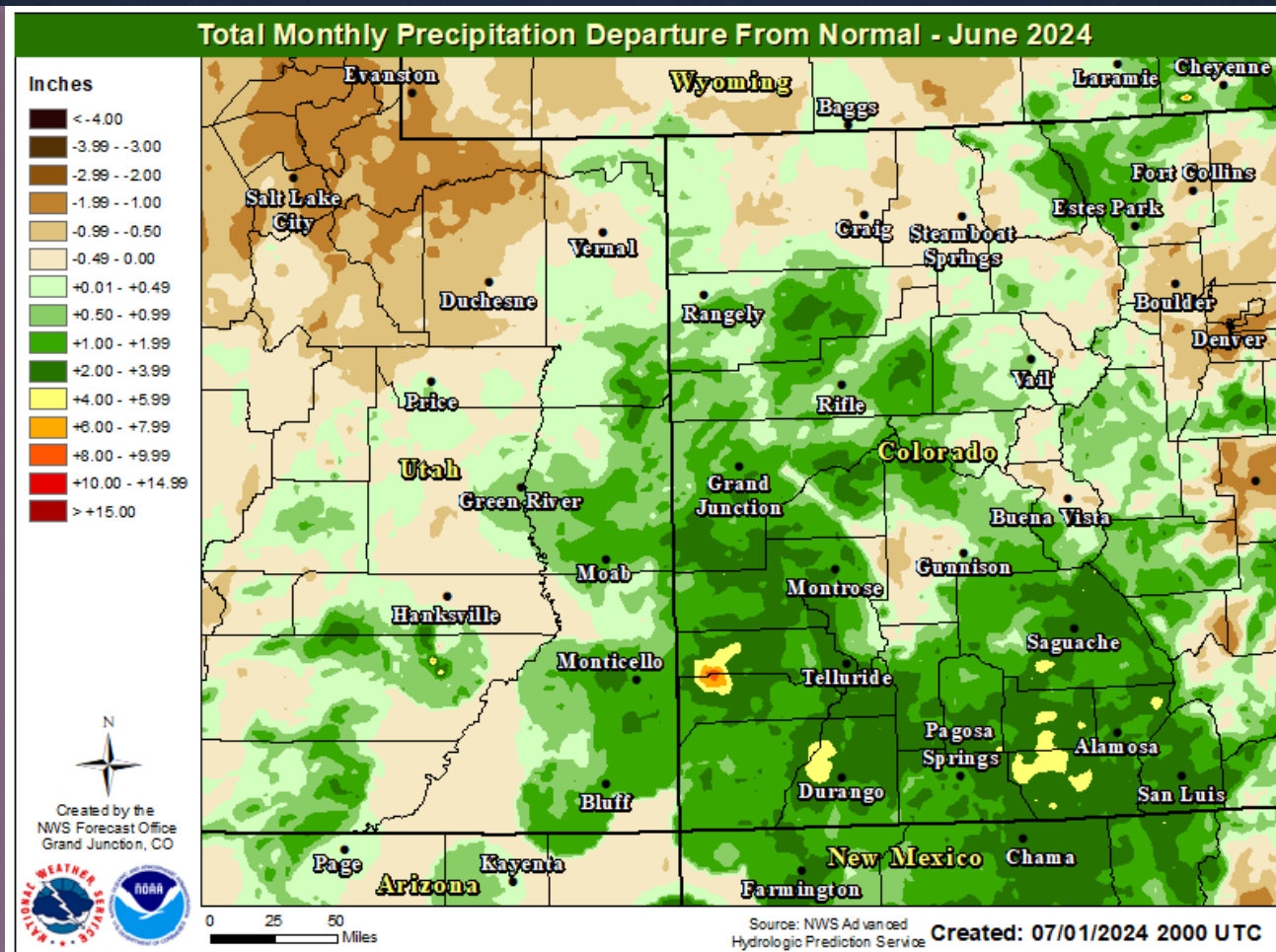
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CLIMATE SUMMARY



TOTAL MONTHLY PRECIPITATION

DEPARTURE FROM NORMAL



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CLIMATE SUMMARY



DAILY RECORDS REPORT

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

Site	Date	Record Type	New Record	Previous Record
Grand Junction, CO	June 8th	High Max Temperature	98F	98F in 1981
Grand Junction, CO	June 9th	High Max Temperature	99F	99F in 1981
Grand Junction, CO	June 10th	High Min Temperature	72F	69F in 2010
Grand Junction, CO	June 12th	High Max Temperature	102F	101F in 2022
Grand Junction, CO	June 13th	High Max Temperature	101F	101F in 2021
Grand Junction, CO	June 20th	Daily Max Precip	1.07 in.	0.42 in. in 1967

High Max

Low Max

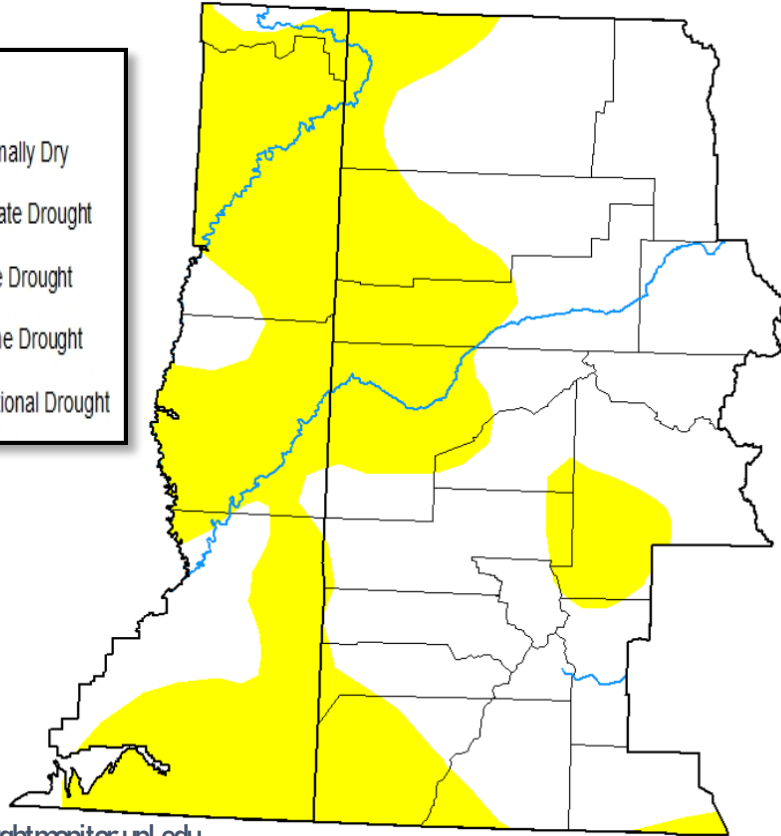
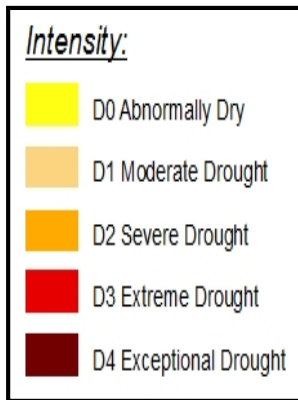
Precip

High Min

Low Min



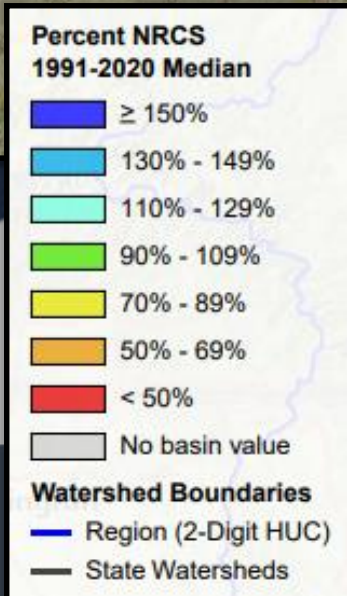
An unusually wet June has led to significant improvement in drought across eastern Utah and western Colorado. All areas of Moderate (D1) Drought have been eradicated. In addition, significant portions of Abnormally Dry (D0) conditions across southwest Colorado have been removed, leaving much of western Colorado completely drought free. Eastern Utah and parts of northwest and far southwest Colorado remain under Abnormally Dry (D0) conditions, along with a pocket over southern Gunnison County.



Source: <http://droughtmonitor.unl.edu>



Per the NRCS, the snowpack of eastern Utah and western Colorado has finally melted out completely at all elevations. This will be the final snowpack update until the snow starts flying again in September or October.



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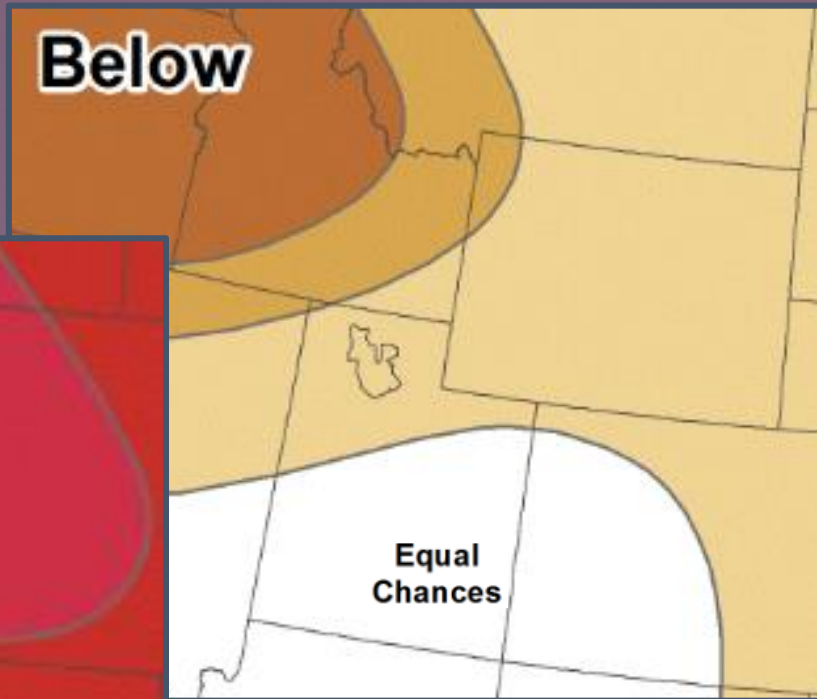
OUTLOOK

TEMPERATURES & PRECIPITATION



The latest guidance from the Climate Prediction Center (CPC) indicates that above normal temperatures are very likely (70-80%) for all of eastern Utah and western Colorado during the month of July, with a sliver of slightly lower chances (60-70%) along the border with New Mexico. Portions of far northeast Utah and far northwest Colorado have a slight chance (34-40%) of seeing below normal precipitation, while the remainder of the area is looking at equal chances of above or below normal precipitation.

Precipitation



Temperatures

