

NWS GRAND JUNCTION COLORADO



A LOOK BACK AT **JULY 2022** WEATHER ACROSS E UTAH / W COLORADO

The month of July was characterized by near weekly monsoonal surges bringing widespread shower and thunderstorm activity. The first week of the month was one of these wetter periods, with cloud cover and precipitation keeping temperatures near normal. By July 8th, the monsoonal surge backed off and while there were still isolated to scattered showers and storms, the increased sunshine and drier conditions allowed temperatures to climb into near record territory. And this would be the cycle for the entire month. The best moisture during the month fell south of I-70, with the southern Colorado valleys coming up the big winners, especially the Pagosa Springs area, where daily rainfall totals came in at an inch or more several times during the month. But even the Grand Junction area got in on the monsoonal moisture on July 16th, where a record setting 0.72 inches fell and led to widespread urban street flooding across the downtown area.



JULY 2022

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

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STORY OF THE MONTH **HEAT AND HEAVY RAIN**

The month of July was a story of heat and heavy rain. During periods of monsoonal surges temperatures remained near or even quiet a bit below normal. However, during periods where storm coverage took a downturn, temperatures to a jump into near record territory. In fact some spots did set new record highs. The monsoonal surges dropped quite a bit of rain in the southern valleys too, with the Pagosa Springs area seeing daily accumulations of an inch or more for several days this month.

NATIONAL WEATHER SERVICE Grand Junction, CO Friday, July 22nd, 2022

NEAR RECORD HEAT TODAY!

- Wear lightweight, light-colored and loose clothing
- Keep pets indoors or provide plenty of shade and water
- Never leave kids or pets unattended in vehicles. Look before you lock!
- Avoid strenuous activity during hottest part of the day

PLAN >>> PREPARE >>>

MONSOON T-STORMS

- Scattered to numerous showers and thunderstorms to day end tomorrow
- Mountains of western Colorado favored for activity
- Heavy rainfall, localized flash flooding, lightning, and gusty winds will be possible with storms

When Thunder Roars
Go Indoors!
STOP All Activities.
Get inside a substantial building or a hard-topped vehicle.
Avoid sheltering under trees, power lines, utility poles, or other structures.

Grand Junction, CO
Tuesday, July 5, 2022
NWS GRAND JUNCTION NATIONAL WEATHER SERVICE

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TEMPERATURES



Location	Average Temp (°F) (VS Normal)	Warmest Temp (°F)	Coldest Temp (°F)
Aspen, CO	65.8 (+0.6)	89 on 7/17	45 on 7/1, 2, 7
Cortez, CO	74.5 (+2.3)	101 on 7/22	45 on 7/8
Craig, CO	70.3 (+2.0)	96 on 7/9, 10, 22	43 on 7/9
Durango, CO	72.4 (+2.9)	96 on 7/19, 20, 23	49 on 7/8, 9
Grand Junction, CO	81.3 (+2.1)	103 on 7/22	58 on 7/29
Meeker, CO	69.1 (+0.5)	93 on 7/17	46 on 7/9
Montrose, CO	75.1 (+1.1)	98 on 7/22	51 on 7/2, 7
Rifle, CO	75.3 (+1.6)	101 on 7/22	52 on 7/7, 9
Canyonlands Airport, UT	82.1 (+1.0)	104 on 7/17, 22	57 on 7/8
Vernal, UT	77.0 (+3.0)	100 on 7/9	54 on 7/9



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PRECIPITATION



Location	Total Precipitation (in.)	Departure from Normal (in.)
Aspen, CO	1.71	+0.07
Cortez, CO	0.46	-0.68
Craig, CO	1.63	+0.70
Durango, CO	2.04	+0.81
Grand Junction, CO	0.93	+0.34
Meeker, CO	0.81	-0.25
Montrose, CO	0.50	-0.30
Rifle, CO	0.78	-0.18
Canyonlands Airport, UT	1.24	+0.71
Vernal, UT	0.06	-0.47

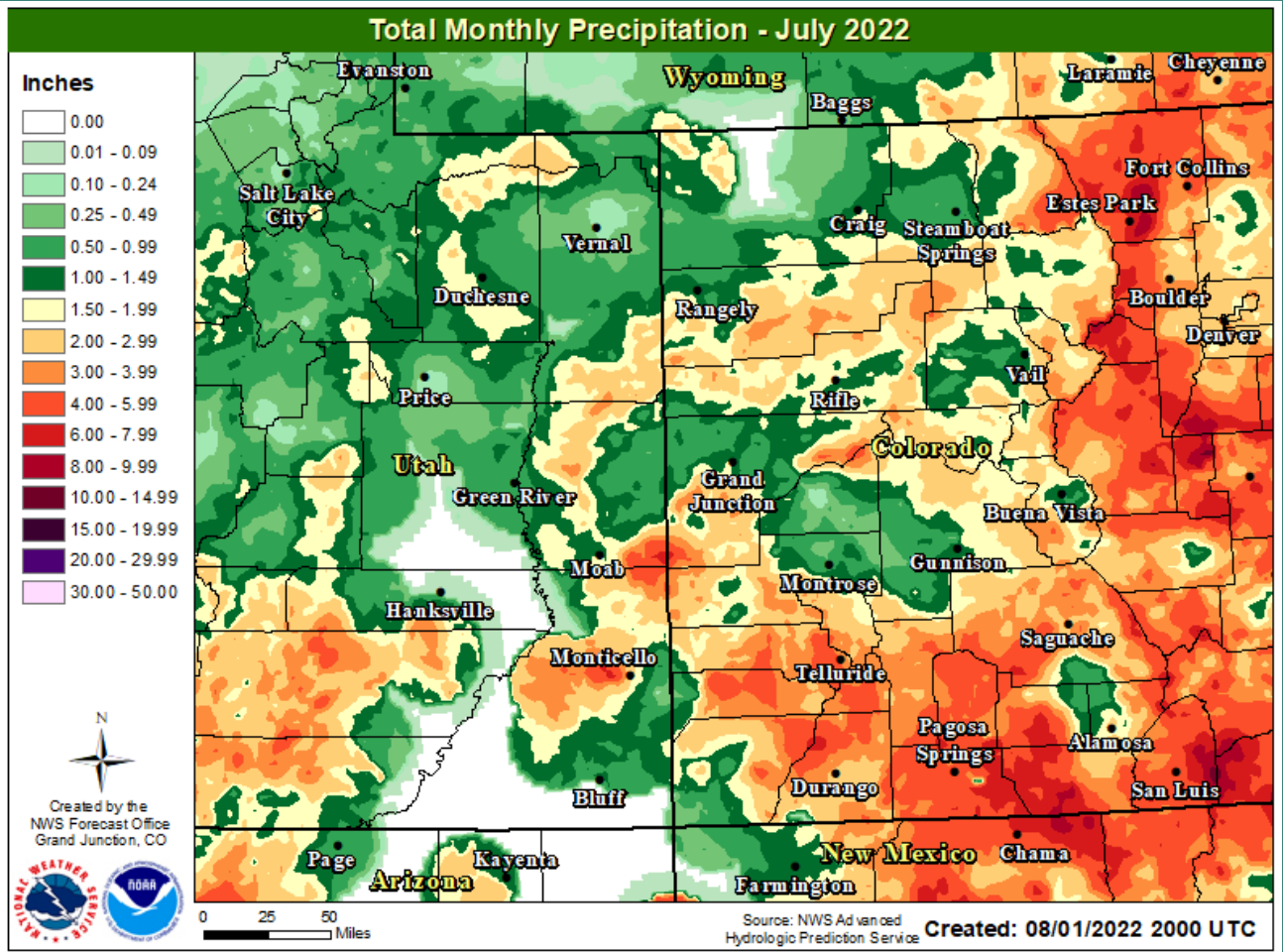


JULY 2022

CLIMATE SUMMARY



TOTAL MONTHLY PRECIPITATION



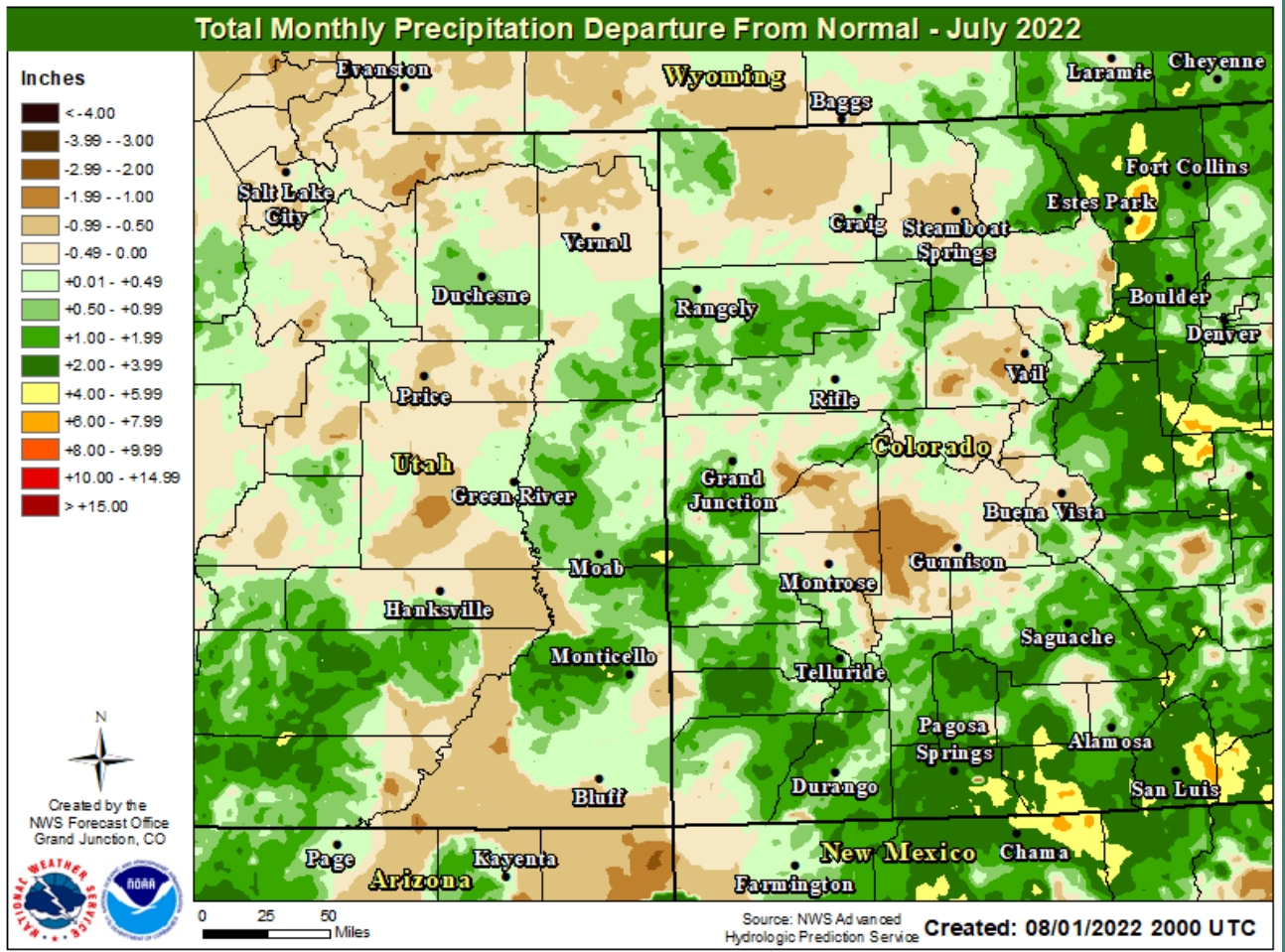
JULY 2022

CLIMATE SUMMARY



TOTAL MONTHLY PRECIPITATION

DEPARTURE FROM NORMAL



JULY 2022

CLIMATE SUMMARY



DAILY RECORDS **R E P O R T**

A total of 4 daily records were set across the primary climate sites

Site	Date	Record Type	New Record	Previous Record
Grand Junction, CO	July 15th	Daily Max Precip	0.72 inches	0.51 inches, set in 1921
Grand Junction, CO	July 18th	High Min Temperature	78 F	75 F, set in 2017
Grand Junction, CO	July 22th	High Max Temperature	103 F	103 F, set in 1931
Grand Junction, CO	July 23rd	High Min Temperature	78 F	75 F, set in 2019

High Max

Low Max

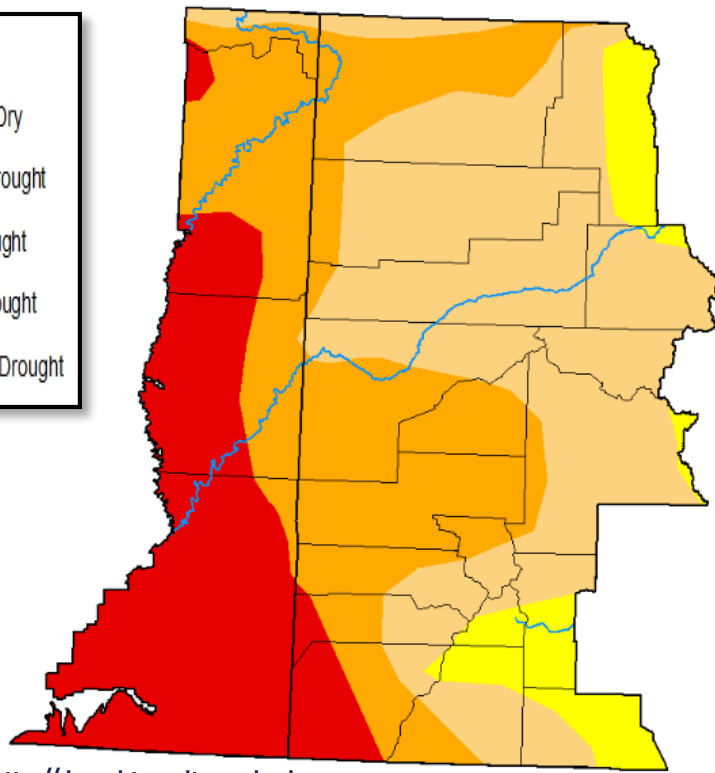
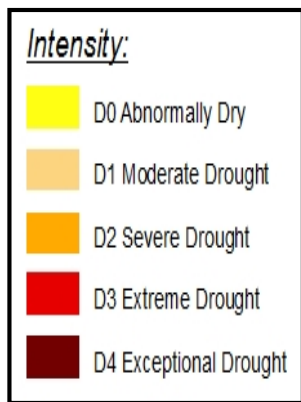
Precip

High Min

Low Min



Extreme (D3) drought remains across eastern Utah and far southwest Colorado. Eastern portions of southwest Colorado, corresponding roughly with the San Juan Mountain range and some of the central mountain ranges, has seen significant improvement over the last month, with conditions moving from Severe (D2) drought to Moderate (D1) drought and Abnormally Dry (D0). Some improvement has also occurred along the far northern border with Wyoming. Otherwise, the remainder of the area has seen little change.



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

AUGUST
2022

OUTLOOK

TEMPERATURES & PRECIPITATION



For southeast Utah and southwest Colorado, odds are slightly favoring below normal temperatures for the month of July. Northeast Utah and northwest Colorado are not favored for either above or below normal temperatures for the month. All of eastern Utah and western Colorado are favored slightly for above normal precipitation, with the Four Corners region and eastern Utah slightly more favored.

Temperatures

Equal
Chances

Below

Precipitation

Above