

# NWS GRAND JUNCTION COLORADO



A LOOK  
BACK AT

## SEPTEMBER 2022

WEATHER ACROSS E UTAH / W COLORADO

The month of September kicked off with record setting heat as a strong ridge of high pressure set up shop for the first week of the month, bringing unusual heat and breaking a number of daily high temperature records. The hottest day of the period was September 6<sup>th</sup>... The Grand Junction Airport set a new daily record high temperature of 102F, which is also the record hottest temperature for any day in the month and the latest occurrence of a 100+ F day. The heat finally broke around the 10th, as a dry cold front dropped in. Next, moisture associated with the remnants of Tropical Storm Kay brought widespread soaking rain to the West Slope. Conditions remained unsettled through around the 18th, with several rounds of severe weather working across the region, including large hail. Another high pressure ridge built in for a few days and allowed temperatures to once more climb above normal. Following that, another strong, wet low pressure system dropped into the Intermountain West and from the 20th through the 23rd another round of widespread soaking rain, and occasional severe weather, moved in. The last week of the month was seasonable and generally sunny under another ridge of high pressure. The month ended unsettled, however, as a low pressure to the south brought cooler and wetter conditions for the Southern Mountains, as well as the first mountain snows.



# SEPTEMBER 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 **RECORD AUTUMN HEAT**





*The month of September started off unseasonably hot as a strong area of high pressure remained entrenched over the area for nearly a week. Several new record highs were set across eastern Utah and western Colorado during the this period. The hottest day of the hot spell was September 6<sup>th</sup>, where the Grand Junction Airport not only set a new record for the day with a high of 102F, but it also marked a new record high temperature for any day in the month of September, and the latest occurrence of a 100+°F degree day.*

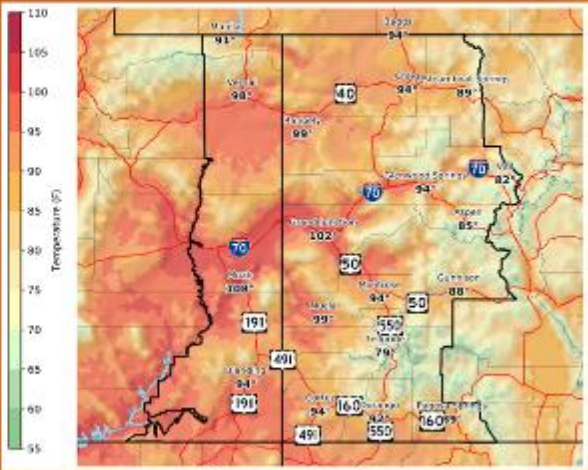
NATIONAL WEATHER SERVICE  
WEATHER AND CLIMATE SERVICE

Grand Junction CO

Tuesday, September 6<sup>th</sup>, 2022

## RECORD HEAT CONTINUES

 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 >>> ACT

SEPTEMBER  
2 0 2 2

# TEMPERATURES



Location	Average Temp (°F) (VS Normal)	Warmest Temp (°F)	Coldest Temp (°F)
Aspen, CO	58.9 <b>(+2.8)</b>	88 on 9/6, 7	35 on 9/11, 24, 25
Cortez, CO	65.7 <b>(+4.3)</b>	98 on 9/5	39 on 9/25
Craig, CO	60.6 <b>(+3.5)</b>	96 on 9/4, 5	28 on 9/11
Durango, CO	64.0 <b>(+4.5)</b>	95 on 9/5	40 on 9/18
Grand Junction, CO	71.2 <b>(+4.1)</b>	102 on 9/6	46 on 9/24
Meeker, CO	60.1 <b>(+1.6)</b>	95 on 9/4	31 on 9/11
Montrose, CO	67.1 <b>(+3.9)</b>	96 on 9/6	42 on 9/25
Rifle, CO	66.5 <b>(+4.0)</b>	100 on 9/6	39 on 9/24
Canyonlands Airport, UT	72.0 <b>(+3.7)</b>	103 on 9/6	44 on 9/24, 25
Vernal, UT	66.6 <b>(+3.4)</b>	98 on 9/5, 6	42 on 9/23, 24



SEPTEMBER  
2 0 2 2

# PRECIPITATION



Location	Total Precipitation (in.)	Departure from Normal (in.)
Aspen, CO	1.30	-0.13
Cortez, CO	0.89	-0.69
Craig, CO	2.39	+0.64
Durango, CO	2.32	+0.33
Grand Junction, CO	2.29	+1.10
Meeker, CO	2.45	+0.77
Montrose, CO	1.12	-0.05
Rifle, CO	2.42	+1.08
Canyonlands Airport, UT	1.15	+0.26
Vernal, UT	0.63	-0.59

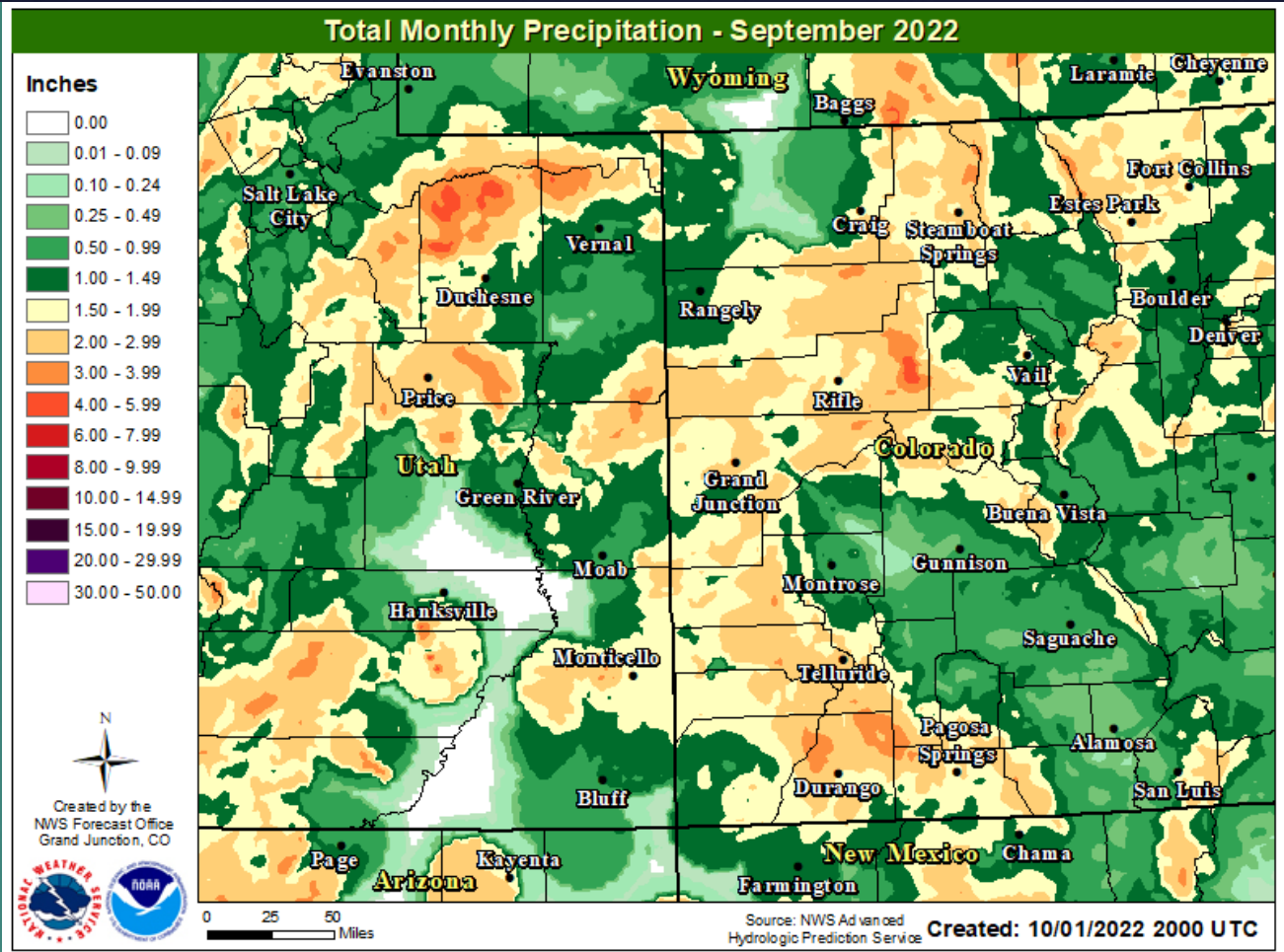


# SEPTEMBER 2022

## CLIMATE SUMMARY



# TOTAL MONTHLY PRECIPITATION



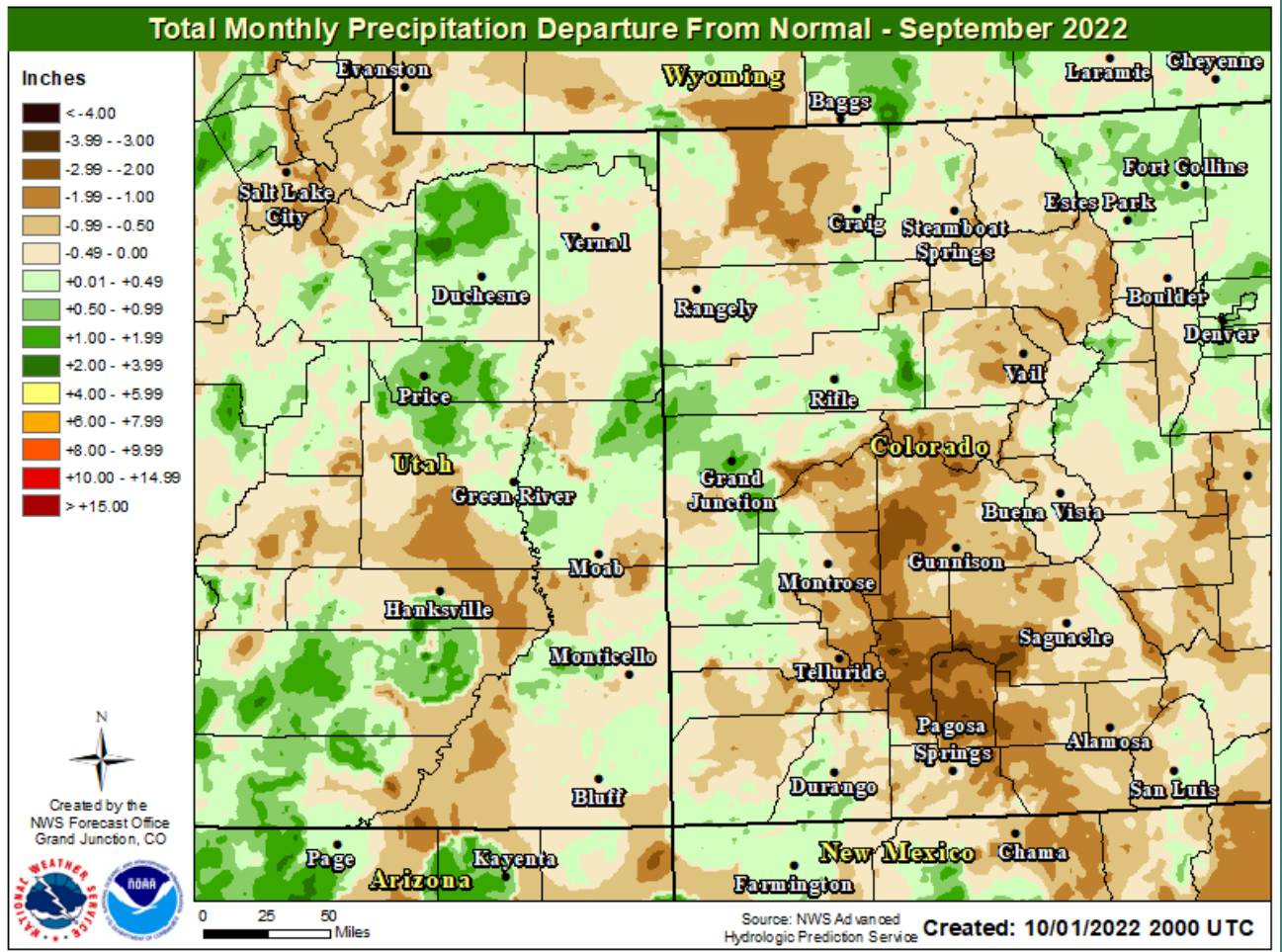
# SEPTEMBER 2022

## CLIMATE SUMMARY



# TOTAL MONTHLY PRECIPITATION

## DEPARTURE FROM NORMAL



# SEPTEMBER 2022

## CLIMATE SUMMARY



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

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

Site	Date	Record Type	New Record	Previous Record
Grand Junction, CO	September 2nd	High Max Temperature	99 F	98 F, set in 2019
Grand Junction, CO	September 5th	High Max Temperature	100 F	99 F, set in 2020
Grand Junction, CO	September 6th	High Max Temperature	102 F	99 F, set in 2020
Grand Junction, CO	September 7th	High Max Temperature	99 F	98 F, set in 1977
Grand Junction, CO	September 8th	High Max Temperature	98 F	98 F, set in 1977
Grand Junction, CO	September 14th	Precipitation	1.18 inches	0.34 inches, set in 2011

High Max

Low Max

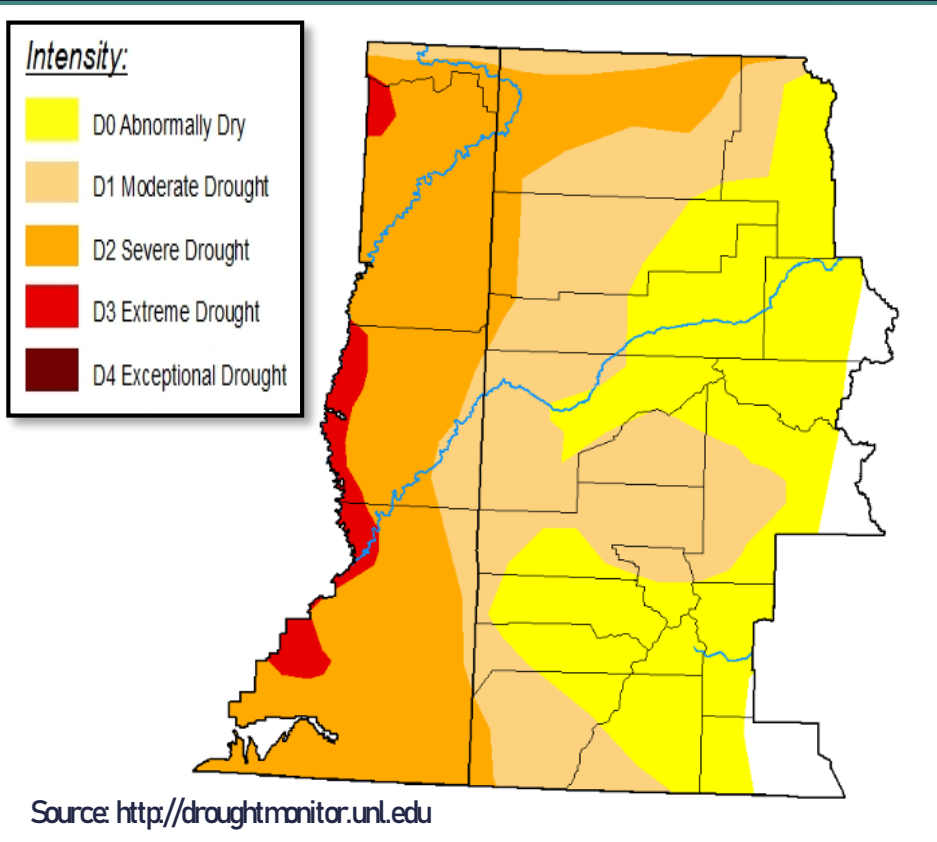
Precip

High Min

Low Min



***Extreme (D3) drought remains across far eastern portions of eastern Utah. Severe (D2) drought covers most of the remainder of eastern Utah, extending into far southwest and northwest Colorado. Moderate (D1) and Abnormally (D0) conditions account for the rest of western Colorado counties. Areas along the central and southern Divide mountains are indicated as having no drought. This substantial improvement is due to the several wet low pressure systems that moved through the area in September.***



OCTOBER  
2 0 2 2

# OUTLOOK

TEMPERATURES & PRECIPITATION



*For eastern Utah and western Colorado, odds are favoring above normal temperatures for the month of October. In addition, Climate Prediction Center guidance shows odds favoring above normal precipitation for all of eastern Utah and western Colorado.*



Above

A map of the western United States, specifically focusing on Utah and Colorado. The area is shaded in a gradient of orange and red, indicating above-normal temperatures. The word "Above" is written in large, bold, white letters with a black outline in the upper left quadrant of the map.



Precipitation

Above

A map of the western United States, specifically focusing on Utah and Colorado. The area is shaded in a gradient of green, indicating above-normal precipitation. The word "Above" is written in large, bold, white letters with a black outline in the center of the map. The word "Precipitation" is written in white letters on a dark grey background in the upper right quadrant of the map.

Temperatures

