

# NWS GRAND JUNCTION COLORADO



## A L O O K BACK AT **SUMMER 2024** WEATHER ACROSS E UTAH / W COLORADO

September 1st marked the beginning of Meteorological Fall and the end of Meteorological Summer, which runs from June 1st to August 31st. This summer was a contradiction, with it simultaneously being one of the top warmest and top wettest on record. For the entire state of Colorado, the month was the 6th warmest, with Grand Junction having a mean seasonal temperature above 80F for the first time in its 132 year long record. July, which is typically a cooler and wetter month thanks to the Southwest Monsoon, actually ended up being the warmest and driest month of the season. June and August, on the other hand, ended up being stormy and wetter than normal. June saw 8 of the 10 automated weather stations finishing with above normal precipitation, and August saw all 10 finishing the month with above normal precipitation. With this background, it stands to reason that the season was overall warmer than normal, with 8 of the 10 automated weather observation stations finishing the month with above normal mean temperatures, and the remaining 2 with exactly normal mean temperatures. Means ranged from 0.0F (normal) to 3.9F above normal. Summer was also wetter than normal, with 9 of the 10 sites finishing with above normal precipitation. Departures ranged from 0.39 inches below normal at Vernal Airport to a whopping 4.20 inches above normal at Durango-La Plata County Airport.

# SUMMER 2024

## CLIMATE SUMMARY



### TABLE OF **C O N T E N T S**

*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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# TEMPERATURES



Location	Average Temp (°F) (VS Normal)	Warmest Temp (°F)	Coldest Temp (°F)
Aspen, CO	62.7 <b>(0.0)</b>	88 on 8/1, 2, 3	37 on 6/19
Cortez, CO	72.2 <b>(+3.0)</b>	97 on 6/7, 6/25, 8/1	40 on 6/1
Craig, CO	67.3 <b>(+2.1)</b>	100 on 7/13	35 on 6/1
Durango, CO	69.0 <b>(+2.4)</b>	96 on 8/5	34 on 6/2
Grand Junction, CO	80.1 <b>(+3.9)</b>	104 on 7/12	51 on 6/18
Meeker, CO	65.8 <b>(0.0)</b>	96 on 8/2	37 on 6/1
Montrose, CO	72.8 <b>(+1.4)</b>	99 on 8/4	49 on 6/15, 6/19, 8/31
Rifle, CO	73.0 <b>(+2.3)</b>	102 on 7/13	44 on 6/1
Canyonlands Airport, UT	80.0 <b>(+2.3)</b>	106 on 7/12	52 on 6/18
Vernal, UT	73.4 <b>(+2.4)</b>	101 on 7/12	45 on 6/1



# PRECIPITATION



Location	Total Precipitation (in.)	Departure from Normal (in.)
Aspen, CO	4.95	+0.95
Cortez, CO	5.15	+2.13
Craig, CO	3.05	+0.16
Durango, CO	7.25	+4.20
Grand Junction, CO	3.52	+1.60
Meeker, CO	4.88	+1.41
Montrose, CO	4.37	+2.31
Rifle, CO	3.12	+0.41
Canyonlands Airport, UT	3.05	+1.56
Vernal, UT	1.40	-0.39



# SUMMER 2024

## CLIMATE SUMMARY



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

*A total of 12 daily records were set across the primary climate sites*

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

High Max

Low Max

Precip

High Min

Low Min



# SUMMER 2024

## CLIMATE SUMMARY



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

*A total of 12 daily records were set across the primary climate sites*

Site	Date	Record Type	New Record	Previous Record
Grand Junction, CO	August 1 <sup>st</sup>	High Max Temperature	103F	102F in 1902
Grand Junction, CO	August 2 <sup>nd</sup>	High Max Temperature	103F	103F in 1902
Grand Junction, CO	August 3 <sup>rd</sup>	High Min Temperature	102F	102F in 202
Grand Junction, CO	August 3 <sup>rd</sup>	High Min Temperature	75F	74F in 1934
Grand Junction, CO	August 5 <sup>th</sup>	High Max Temperature	102F	102F in 1979
Grand Junction, CO	August 7 <sup>th</sup>	High Min Temperature	77F	73F in 1983

High Max

Low Max

Precip

High Min

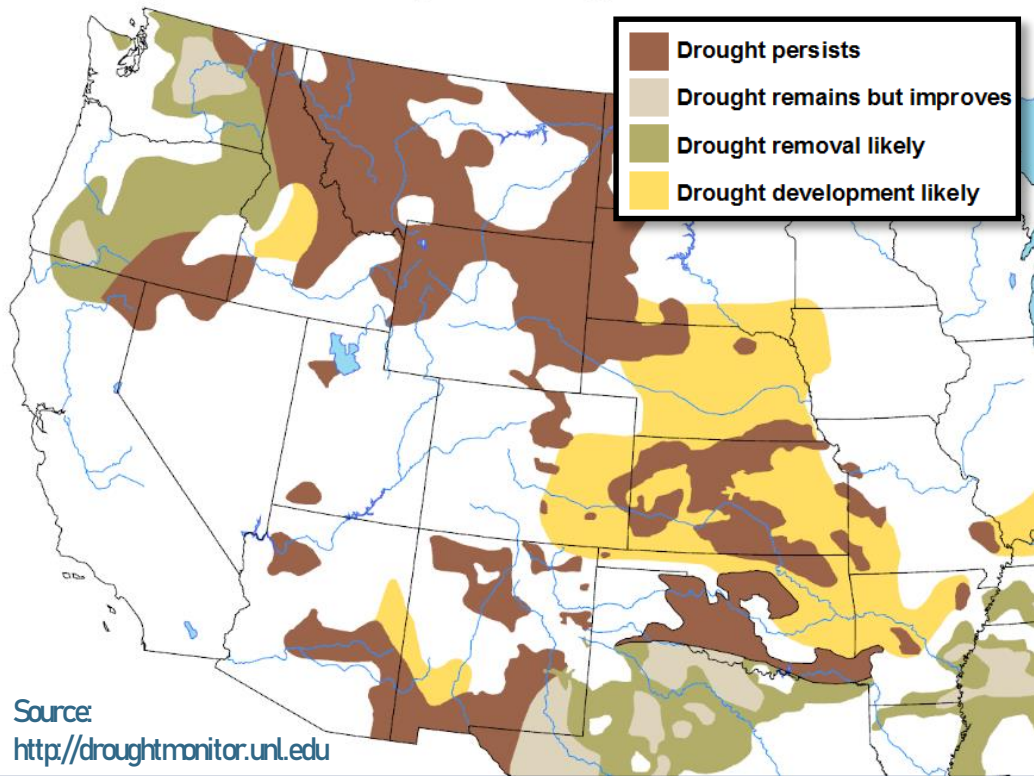
Low Min





*For Meteorological Fall, the US Drought Monitor's Outlook indicates little change for eastern Utah and western Colorado. This can mean that all the remaining patches of Abnormally Dry (D0) conditions improve to drought free, drought free areas develop Abnormally Dry (D0) conditions, or no change at all occurs.*

## U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period



F A L L  
2 0 2 4

# OUTLOOK

TEMPERATURES & PRECIPITATION



*For Meteorological Fall, the Climate Prediction Center (CPC) favors a high (60-70%) likelihood of above normal temperatures around the Four Corners, with a slightly less (50-60%) likelihood of above normal temperatures for the rest of the area. In addition, CPC favors moderate (40-50%) chances of below normal precipitation for most of eastern Utah and western Colorado, with a slightly less likelihood (33-40%) for northeast Utah and far northwestern Colorado.*

## Temperatures

**Above**

## Precipitation

**Below**