

NWS GRAND JUNCTION COLORADO



A LOOK BACK AT **SUMMER 2023** WEATHER ACROSS E UTAH / W COLORADO

September 1st marked the beginning of Meteorological Fall and the end of Meteorological Summer. Meteorological Summer runs from June 1st through August 31st. Summer 2023 began as a continuation to the cool, wet Spring, with June coming in overall as cooler and wetter than normal. That changed dramatically in July, where very little precipitation was recorded across the area, and temperatures soared to well above normal. To round out the season, August came in at near normal, with above or below normal precipitation really depending on where you were. As a season, the Summer was overall warmer than normal, with eight of the ten automated weather observation stations at airports across the region finishing the season with above normal mean temperatures. These mean temperatures ranged from 1.7F below normal to 1.8F above normal. The season was also overall drier than normal, with seven of the ten automated observation stations finishing with below normal precipitation totals. With the return of below normal precipitation, pockets of Severe (D2) drought made a return by the end of August, along with larger areas of Moderate (D1) drought, and the majority of the southern half of eastern Utah and western Colorado under at least Abnormally Dry (D0) conditions.



SUMMER 2023

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 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	61.6 (-1.1)	91 on 7/24	35 on 6/13
Cortez, CO	69.7 (+0.5)	101 on 7/17	34 on 6/24
Craig, CO	65.8 (+0.6)	101 on 7/17	33 on 6/24
Durango, CO	67.1 (+0.5)	99 on 7/17	29 on 6/24
Grand Junction, CO	78.0 (+1.8)	107 on 7/17	47 on 6/3
Meeker, CO	64.1 (-1.7)	96 on 7/17	34 on 6/24
Montrose, CO	72.1 (+0.7)	99 on 7/17, 24	43 on 6/8
Rifle, CO	71.3 (+0.6)	103 on 7/17	42 on 6/24, 25
Canyonlands Airport, UT	78.0 (+0.3)	110 on 7/17	47 on 6/24
Vernal, UT	71.5 (+0.5)	102 on 7/17	43 on 6/24



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PRECIPITATION



Location	Total Precipitation (in.)	Departure from Normal (in.)
Aspen, CO	2.95	-1.05
Cortez, CO	1.28	-1.74
Craig, CO	2.90	+0.01
Durango, CO	1.20	-1.85
Grand Junction, CO	1.54	-0.38
Meeker, CO	4.92	+1.45
Montrose, CO	1.00	-1.06
Rifle, CO	3.23	+0.52
Canyonlands Airport, UT	1.35	-0.14
Vernal, UT	1.73	-0.06

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CLIMATE SUMMARY



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

A total of 9 daily records and 1 monthly record were set across the primary climate sites

Site	Date	Record Type	New Record	Previous Record
Grand Junction, CO	July 17th	High Max Temperature	107F	104F in 2010
Grand Junction, CO	July 18th	High Max Temperature	104F	103F in 1998
Grand Junction, CO	July 23rd	High Max Temperature	105F	104F in 1931
Grand Junction, CO	July 28th	High Min Temperature	76F	72F in 1960
Grand Junction, CO	July 30th	High Min Temperature	77F	75F in 1995
Grand Junction, CO	Month of July	Low total Monthly Precipitation	Trace	Trace, last set in 1898

High Max

Low Max

Precip

High Min

Low Min



SUMMER 2023

CLIMATE SUMMARY



SEASONAL
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	August 17th	High Max Temperature	101F	100F in 1994
Grand Junction, CO	August 18th	Max Daily Precipitation	0.88"	0.47" in 2021
Grand Junction, CO	August 30th	High Max Temperature	99F	97F in 1919
Grand Junction, CO	August 31st	High Max Temperature	98F	98F in 2022

High Max

Low Max

Precip

High Min

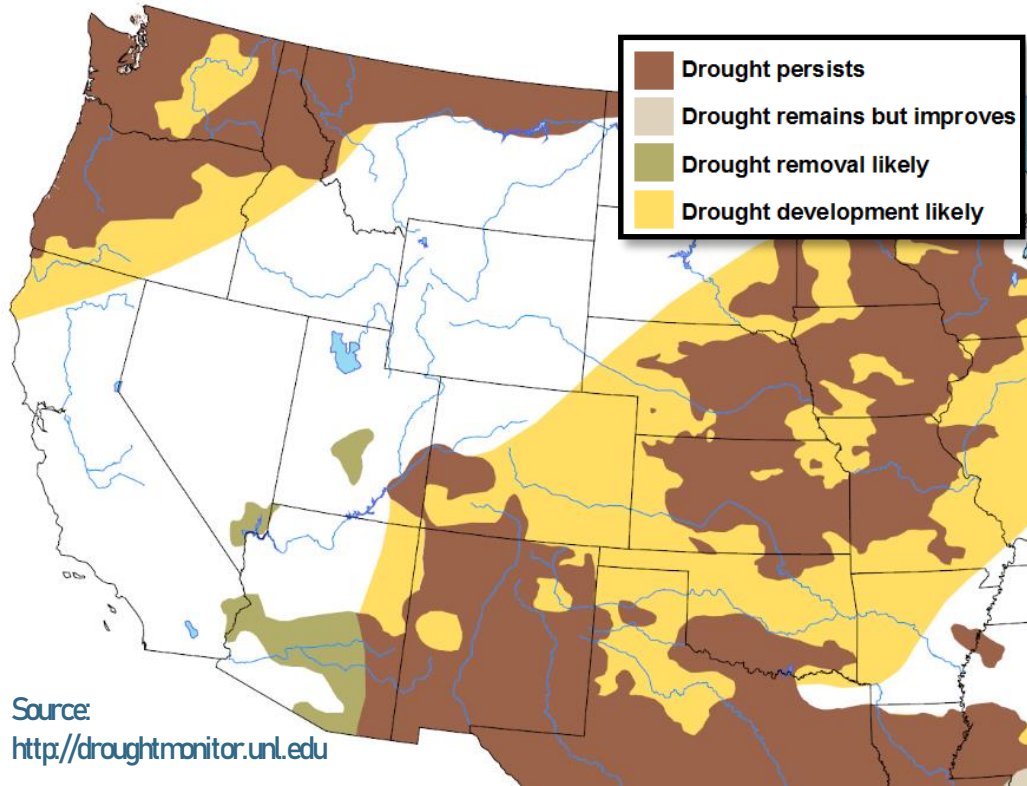
Low Min





For meteorological fall, the US Drought Monitor's Outlook indicates the Moderate (D1) to Severe (D2) drought across southwest Colorado and southeast Utah will persist, with the areas currently in Abnormally Dry (D0) conditions developing into Moderate (D1) drought. Areas north of the I-70 corridor will remain drought free or in Abnormally Dry (D0) conditions.

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



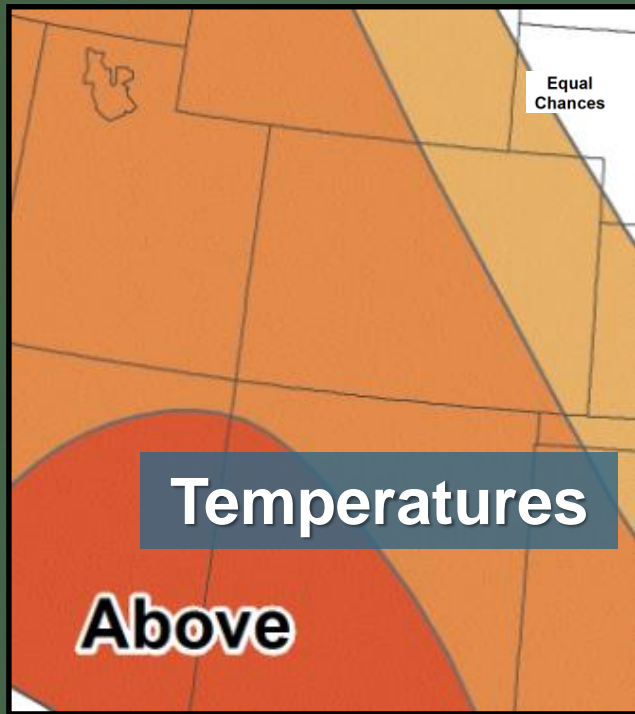
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OUTLOOK

TEMPERATURES & PRECIPITATION



For Meteorological Fall, the Climate Prediction Center (CPC)'s guidance is leaning toward above normal temperatures across eastern Utah and western Colorado. Highest chances for above normal temperatures are around the Four Corners. CPC guidance is indicating equal chances of above or below normal precipitation for all of eastern Utah and western Colorado through the season.



Precipitation

