

NWS GRAND JUNCTION COLORADO



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

December 1st marked the end of Meteorological Fall, which runs from September 1st to November 30th, and the beginning of Meteorological Winter. The first half of the season was warmer than normal, while the stormier and cooler second half of the season was near to below normal in terms of temperatures. However, the unusual warmth of late September and early October meant that the season as a whole came in warmer than normal, with all ten of the automated weather observation stations finishing the season with above normal mean temperatures. Mean temperature departures ranged from 0.2F to 5.2F above normal. Precipitation was more of a mixed bag, with periods of much above normal precipitation during the season, with the tail end of the monsoon in September and the beginning of winter storm season in November, but also periods of much below normal precipitation, including the last half of September and most of October. In the end though, it really depended on where you were as to whether you saw above or below normal precipitation, as four sites finished above normal and six below. Location and elevation played a large part, as higher elevations and more southerly locations were better able to tap into passing Atmospheric River events, while lower elevations and more northerly locations tended to see less precipitation out of these events. Precipitation total departures ranged from 1.37 inches below normal to 0.70 inches above normal.

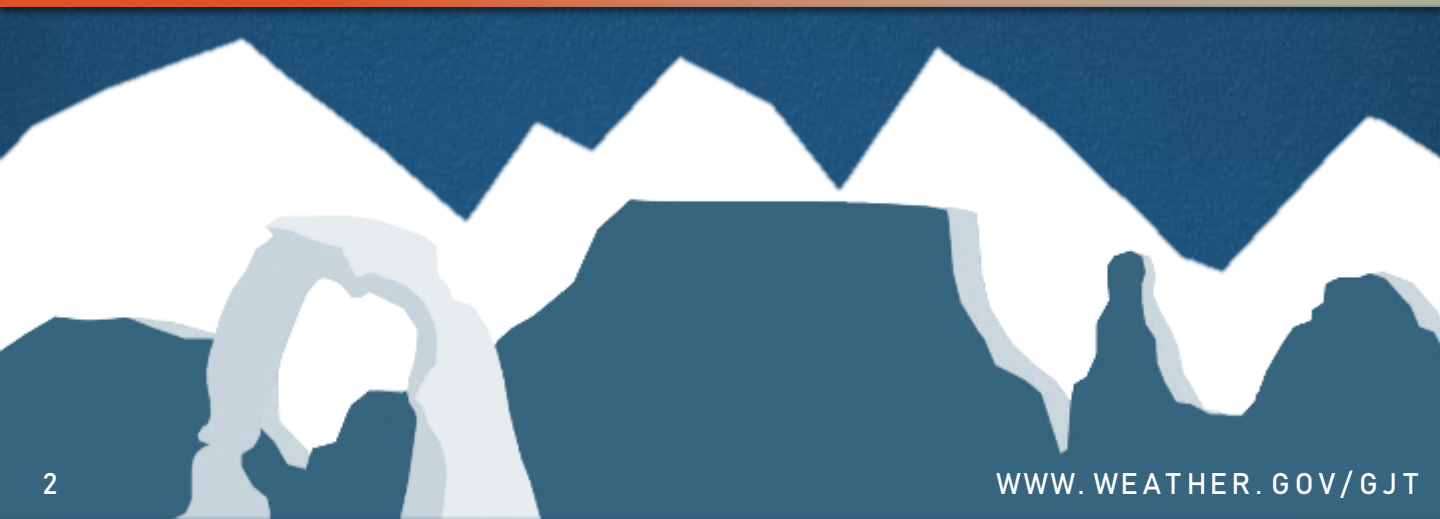
FALL 2024 CLIMATE SUMMARY



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

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Location	Average Temp (°F) (VS Normal)	Warmest Temp (°F)	Coldest Temp (°F)
Aspen, CO	44.3 (+0.2)	80 on 9/1	-4 on 11/29
Cortez, CO	51.5 (+2.2)	89 on 9/4, 30	10 on 11/22
Craig, CO	46.5 (+2.1)	89 on 9/3, 28	-8 on 11/29, 30
Durango, CO	49.7 (+2.2)	88 on 9/4	10 on 11/20
Grand Junction, CO	58.5 (+5.2)	93 on 9/3	21 on 11/20, 21
Meeker, CO	46.2 (+0.3)	86 on 9/1	1 on 11/7
Montrose, CO	52.5 (+1.8)	88 on 9/1, 3	13 on 11/7
Rifle, CO	52.1 (+2.6)	91 on 9/8, 27, 29	4 on 11/29
Canyonlands Airport, UT	56.5 (+2.5)	94 on 9/3, 8	14 on 11/22
Vernal, UT	51.7 (+3.1)	90 on 9/1, 2	15 on 11/30



Location	Total Precipitation (in.)	Departure from Normal (in.)
Aspen, CO	4.32	+0.52
Cortez, CO	4.13	+0.70
Craig, CO	3.61	-0.61
Durango, CO	3.16	-1.37
Grand Junction, CO	2.70	-0.09
Meeker, CO	4.98	+0.56
Montrose, CO	2.38	-0.33
Rifle, CO	3.73	+0.49
Canyonlands Airport, UT	1.14	-0.99
Vernal, UT	1.59	-1.13

FALL 2024 CLIMATE SUMMARY



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

A total of 19 daily records were set across the primary climate sites

Site	Date	Record Type	New Record	Previous Record
Grand Junction, CO	September 4th	High Min Temperature	70F	69F in 1950
Grand Junction, CO	September 25th	High Max Temperature	89F	89F in 2001
Grand Junction, CO	September 26th	High Min Temperature	92F	89F in 1966
Grand Junction, CO	September 27th	High Max Temperature	92F	90F in 2010
Grand Junction, CO	September 28th	High Max Temperature	92F	89F in 2010
Grand Junction, CO	September 29th	High Max Temperature	91F	89F in 2010
Grand Junction, CO	September 30th	High Max Temperature	92F	89F in 2023

High Max

Low Max

Precip

High Min

Low Min



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

A total of 19 daily records were set across the primary climate sites

Site	Date	Record Type	New Record	Previous Record
Grand Junction, CO	October 1st	High Max Temperature	89F	88F in 2003
Grand Junction, CO	October 2nd	High Max Temperature	89F	87F in 2000
Grand Junction, CO	October 3rd	High Min Temperature	87F	86F in 1963
Grand Junction, CO	October 4th	High Max Temperature	87F	96F in 1922
Grand Junction, CO	October 5th	High Max Temperature	87F	86F in 1947
Grand Junction, CO	October 9th	High Max Temperature	85F	83F in 1980
Grand Junction, CO	October 10th	High Max Temperature	85F	85F in 1910

High Max

Low Max

Precip

High Min

Low Min



FALL 2024 CLIMATE SUMMARY



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

A total of 19 daily records were set across the primary climate sites

Site	Date	Record Type	New Record	Previous Record
Grand Junction, CO	October 11th	High Min Temperature	56F	56F in 1945
Grand Junction, CO	October 12th	High Max Temperature	83F	83F in 1975
Grand Junction, CO	October 13th	High Max Temperature	84F	83F in 1950
Grand Junction, CO	October 14th	High Max Temperature	84F	83F in 1948
Grand Junction, CO	October 29th	Daily Max Precipitation	0.46 inches	0.39 inches in 2013

High Max

Low Max

Precip

High Min

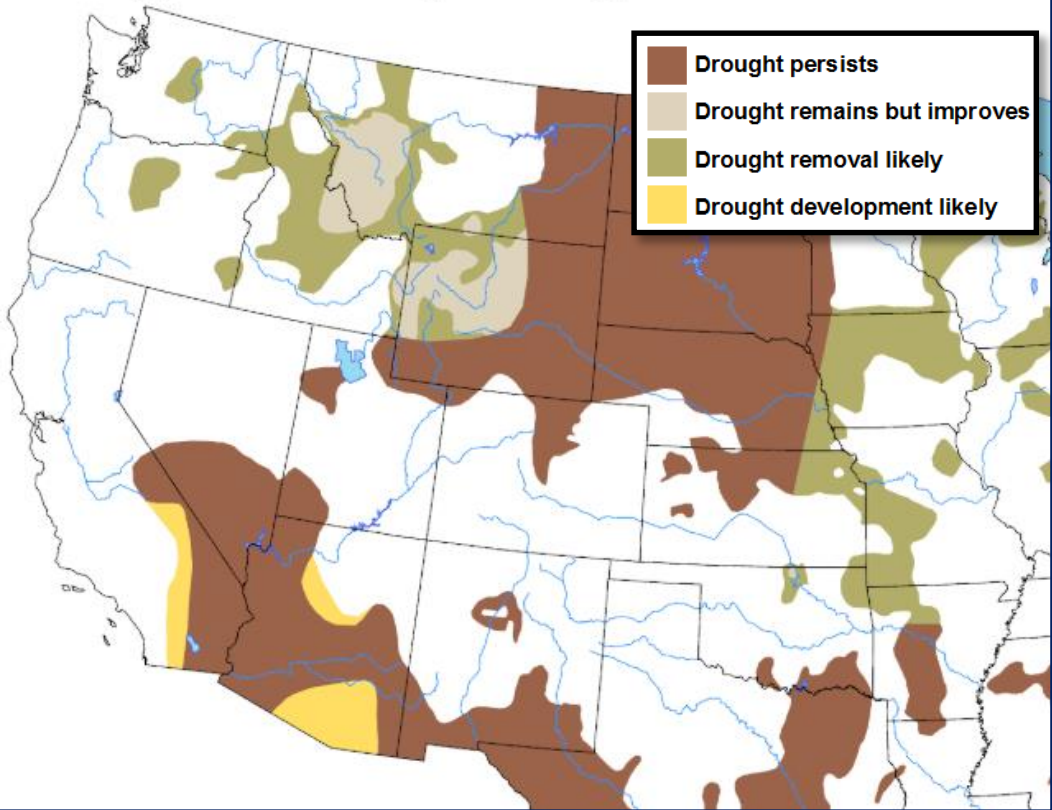
Low Min





For Meteorological Winter, the US Drought Monitor's Outlook indicates little change in drought conditions. Drought is expected to persist across far northwest Colorado and far northeast Utah. The remainder of the area, which is either drought free or under Abnormally Dry (D0) conditions is expected to remain as such.

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





For Meteorological winter, the Climate Prediction Center (CPC) favors a slight lean toward above normal temperatures (33-40%) for the majority of the southern half of the CWA, with a stronger lean (40-50%) around the Four Corners. Far northeastern Utah and much of the northern half of western Colorado are favored with equal chances of above or below normal temperatures. Likewise, the southern half of the CWA is slightly favored (33-40%) to see below normal precipitation, with a stronger lean (40-50%) around the Four Corners. The northern half of the CWA is looking at equal chances of above or below normal precipitation.

