

# NWS GRAND JUNCTION COLORADO



A LOOK  
BACK AT

## SUMMER 2022

WEATHER ACROSS E UTAH / W COLORADO

September 1st marked the beginning of meteorological fall and the conclusion of meteorological summer, which was observed from June 1st to August 31st. Summer 2022 was either wetter than normal or drier than normal, depending on where you were standing. 5 of the 10 automated stations at airports across eastern Utah and western Colorado finished the season with above normal precipitation, and the remaining 5 finished the season with below normal precipitation. In areas that saw above normal precipitation, some significant drought improvement has occurred, with expansion of Abnormally Dry (D0) conditions across western Colorado. Southeastern Utah has seen much of the Extreme (D3) drought eradicated, although it does remain in pockets. The summer was generally warmer than normal, with all 10 of the automated stations finishing the season with above normal mean temperatures. These mean temperatures ranged from 0.5F to 2.7F above normal.



# SUMMER 2022

## CLIMATE SUMMARY



### TABLE OF CONTENTS

*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.*

| PAGE # | PAGE TITLE                     |
|--------|--------------------------------|
| 1      | Cover                          |
| 2      | Table of Contents              |
| 3      | Temperatures                   |
| 4      | Precipitation                  |
| 5      | Seasonal Records Report        |
| 6      | Seasonal Records Report Con't. |
| 7      | Seasonal Drought Outlook       |
| 8      | Next Season Outlook            |



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# TEMPERATURES



| Location                | Average Temp<br>(°F)<br>(VS Normal) | Warmest Temp<br>(°F) | Coldest Temp<br>(°F) |
|-------------------------|-------------------------------------|----------------------|----------------------|
| Aspen, CO               | 63.4 (+0.7)                         | 89 on 7/17           | 31 on 6/21           |
| Cortez, CO              | 71.7 (+2.5)                         | 101 on 7/22          | 33 on 6/1            |
| Craig, CO               | 67.2 (+2.0)                         | 97 on 8/10           | 28 on 6/15           |
| Durango, CO             | 69.3 (+2.7)                         | 96 on 7/19, 20, 23   | 31 on 6/1            |
| Grand Junction, CO      | 78.2 (+2.0)                         | 103 on 7/22          | 45 on 6/2, 15        |
| Meeker, CO              | 66.3 (+0.5)                         | 93 on 7/17, 8/10     | 29 on 6/1            |
| Montrose, CO            | 72.6 (+1.2)                         | 98 on 7/22           | 41 on 6/21           |
| Rifle, CO               | 72.7 (+2.0)                         | 101 on 7/22          | 39 on 6/1            |
| Canyonlands Airport, UT | 79.1 (+1.4)                         | 104 on 7/17, 22      | 45 on 6/2            |
| Vernal, UT              | 73.7 (+2.7)                         | 100 on 7/9           | 39 on 6/1            |

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# PRECIPITATION



| Location                | Total Precipitation<br>(in.) | Departure from Normal<br>(in.) |
|-------------------------|------------------------------|--------------------------------|
| Aspen, CO               | 4.94                         | +0.94                          |
| Cortez, CO              | 3.90                         | +0.88                          |
| Craig, CO               | 3.17                         | +0.28                          |
| Durango, CO             | 5.03                         | +1.98                          |
| Grand Junction, CO      | 1.55                         | -0.37                          |
| Meeker, CO              | 2.96                         | -0.51                          |
| Montrose, CO            | 1.53                         | -0.53                          |
| Rifle, CO               | 2.34                         | -0.37                          |
| Canyonlands Airport, UT | 1.94                         | +0.45                          |
| Vernal, UT              | 1.04                         | -0.75                          |

# SUMMER 2022

## CLIMATE SUMMARY



SEASONAL  
RECORDS

# R E P O R T

*A total of 11 daily records were set across the primary climate sites*

| Site               | Date      | Record Type          | New Record  | Previous Record          |
|--------------------|-----------|----------------------|-------------|--------------------------|
| Grand Junction, CO | June 10th | High Max Temperature | 100 F       | 100 F, set in 1981       |
| Grand Junction, CO | June 11th | High Max Temperature | 102 F       | 101 F, set in 1918       |
| Grand Junction, CO | June 12th | High Max Temperature | 101 F       | 100 F, set in 1918       |
| Grand Junction, CO | June 12th | High Min Temperature | 70 F        | 69 F, set in 1918        |
| 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 22nd | High Max Temperature | 103 F       | 103 F, set in 2005       |

High Max

Low Max

Precip

High Min

Low Min

# SUMMER 2022

## CLIMATE SUMMARY



SEASONAL  
RECORDS

# R E P O R T

*A total of 11 daily records were set across the primary climate sites*

| Site               | Date        | Record Type          | New Record | Previous Record   |
|--------------------|-------------|----------------------|------------|-------------------|
| Grand Junction, CO | July 23rd   | High Min Temperature | 78 F       | 75 F, set in 2019 |
| Grand Junction, CO | August 5th  | High Min Temperature | 75 F       | 75 F, set in 1960 |
| Grand Junction, CO | August 14th | High Min Temperature | 71 F       | 71 F, set in 2021 |
| Grand Junction, CO | August 31st | High Max Temperature | 98 F       | 98 F, set in 2019 |

High Max

Low Max

Precip

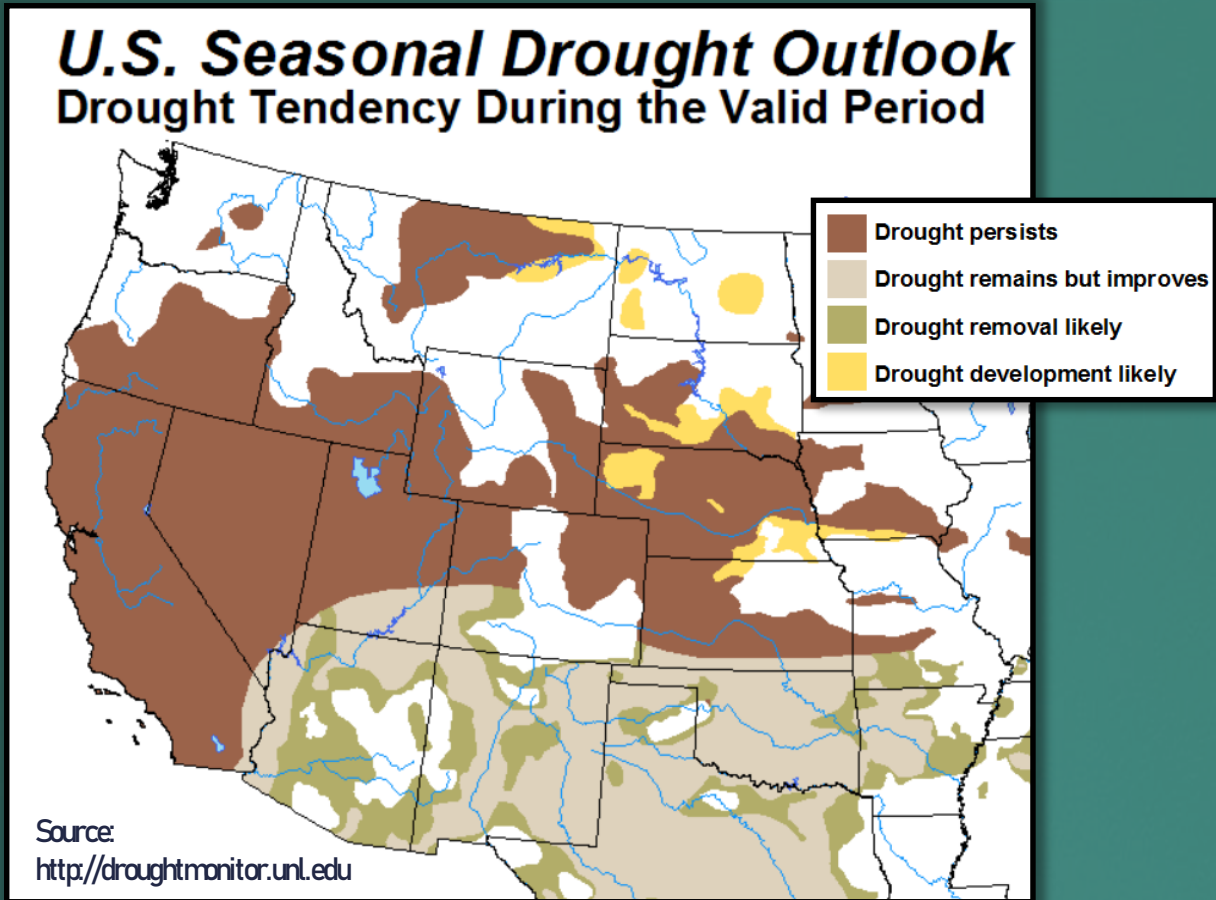
High Min

Low Min





*Drought improvement or even removal is likely for meteorological fall across southeast Utah and southwest Colorado. For the mountains of western Colorado no drought is present through the period and is not expected to redevelop. The northern half of eastern Utah and western Colorado will see drought persisting through the season.*



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# OUTLOOK

## TEMPERATURES & PRECIPITATION



*For Meteorological Fall (September, October, and November), the latest outlook from the Climate Prediction Center (CPC) shows odds strongly favoring above normal temperatures for eastern Utah and western Colorado, with west central Colorado most strongly favored. Precipitation chances for western Colorado and eastern Utah and leaning toward below normal for the season.*

### Temperatures

**Above**

**Below**

**Precipitation**