



Piney River Ranch
Photo taken by Ayesha Wilkinson

.....September 2022 CLIMATE SUMMARY FOR THE DENVER AREA.....

September 2022 finished with above normal temperatures & below normal precipitation. The forecast area experienced unseasonably hot temperatures & mostly dry weather during the first 8 days of the month as a large upper level ridge of high pressure dominated the western half of the U.S. An upper level low pressure trough & associated cold front brought much cooler temperatures & precipitation to the region the 9th & 10th. Denver saw a return to above normal temperatures & mostly dry weather the final three weeks of the month as upper level high pressure set up over the region. However, occasional upper level troughs & associated cold fronts resulted in a few cooler days with below normal temperatures & light precipitation.

TEMPERATURES:

The average temperature at Denver International Airport for the month of September was 69.0° F, which is 4.2° above normal. This makes it the 3rd warmest September in Denver weather history. There were 10 days with max temperatures at or above 90° which is the most ever recorded in Denver weather history. There were no days with temperatures at or below 32°. Denver experienced a heat wave the first 8 days of the month with max temperatures in the middle to upper 90s most days. Denver set new record high temperatures from the 6th through the 8th with temperatures of 98, 99 and 99 degrees respectively.

TEN WARMEST SEPTEMBER AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY SINCE 1872: DEGREES F

69.4	-	2015
69.3	-	2019
69.0	-	2022
68.8	-	2021
68.3	-	1948
68.2	-	1981, 1931
68.0	-	1998
67.8	-	2018
67.7	-	1933

ELEVEN COLDEST SEPTEMBER AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY SINCE 1872: DEGREES F

54.7	-	1912
55.6	-	1965
56.3	-	1961
57.5	-	1971
58.1	-	1918
58.8	-	1985
58.9	-	2006, 1929
59.2	-	1999

Record-Breaking Temperatures in Denver

September 6th- 8th 2022



Date	Observed High at Denver Intl Airport	Previous Record (Most Recent Year)
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Tuesday (9/6)	98 ⁰	97 ⁰ (2020)
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Wednesday (9/7)	99 ⁰	95 ⁰ (2013)
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Thursday (9/8)	99 ⁰	94 ⁰ (1959)
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PRECIPITATION:

Denver Received 1.25 inches of precipitation in September 2022 which is 0.10 inches below the normal of 1.35 inches. There were 6 days with measurable precipitation during the month, with the highest daily amount of 0.50" on the 2nd.

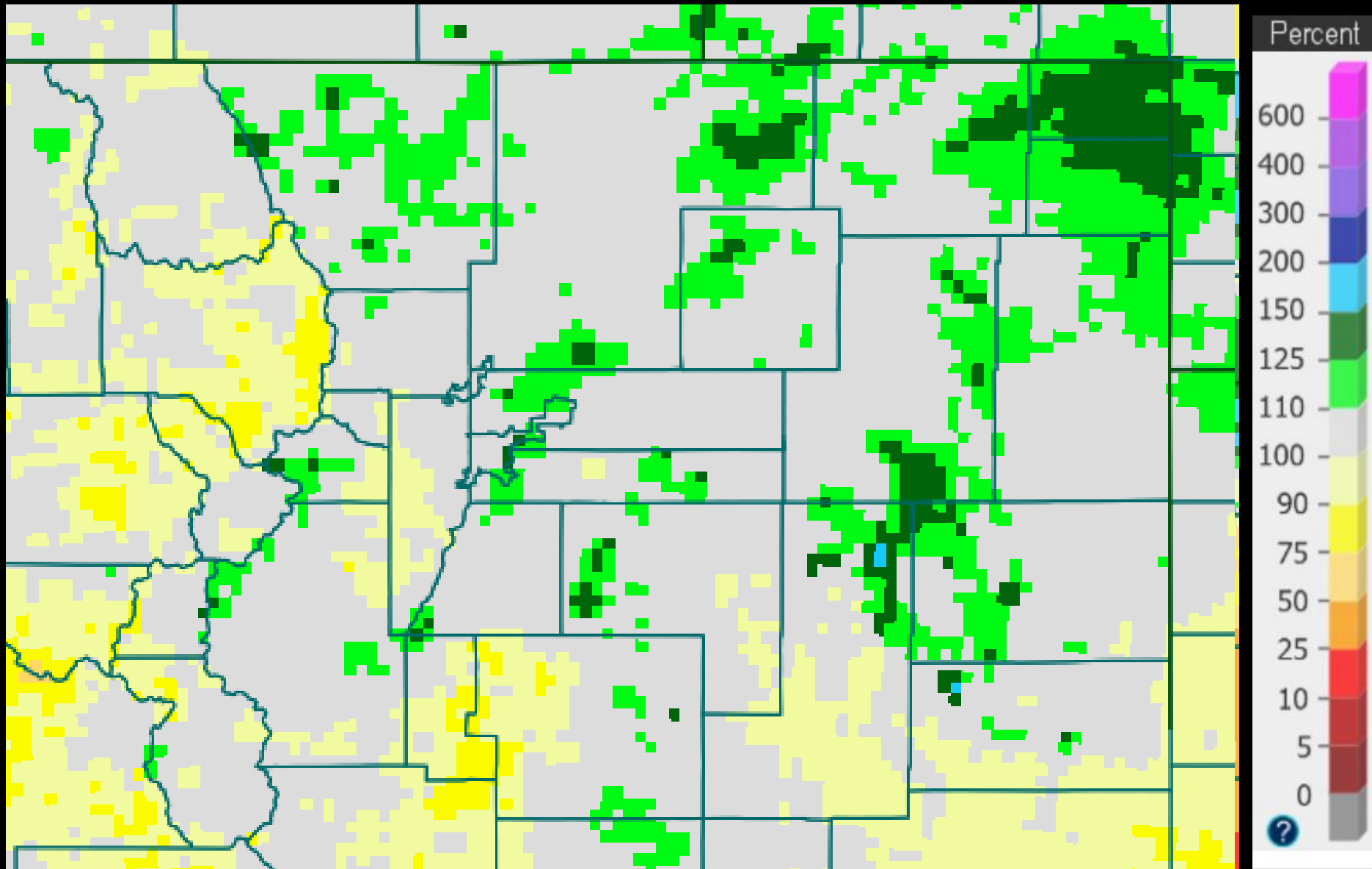
TEN WETTEST AUGUST PRECIPITATION TOTALS IN DENVER WEATHER HISTORY SINCE 1872: INCHES

- 5.61 - 2013
- 4.67 - 1961
- 3.78 - 1909
- 3.70 - 1902
- 3.42 - 1938
- 2.95 - 2012
- 2.89 - 1936, 1918
- 2.85 - 1973, 1971

TEN DRIEST AUGUST PRECIPITATION TOTALS IN DENVER WEATHER HISTORY SINCE 1872: INCHES

- T - 1944, 1892
- 0.01 - 1992, 1956
- 0.02 - 1921, 1879
- 0.05 - 1893
- 0.06 - 2010, 1920, 1882

September 2021 Departure from Normal Precipitation



Much of the Front Range Urban Corridor and Northeastern Plains received near normal precipitation during the month. However, above normal precipitation was noted over the far northeast plains where it was extremely dry through most of the summer

SNOWFALL:

No snow was measured during the month at Denver International Airport which is 0.8 inches below the NCEI 1991-2020 Normal.

TEN SNOWIEST SEPTEMBERS IN DENVER WEATHER HISTORY SINCE 1872:
INCHES

17.2 – 1971
16.5 – 1936
12.9 – 1959
11.4 – 1895
8.7 – 1985
6.5 – 1908
5.8 – 1961
5.5 – 1965
5.4 – 1993
5.2 – 1984

Weather Conditions

Three days of thunder were observed at Denver International Airport during the month with 2 days having dense fog with a visibility at or below $\frac{1}{4}$ mile. A peak wind of 44 mph from the northwest was recorded on the 2nd.