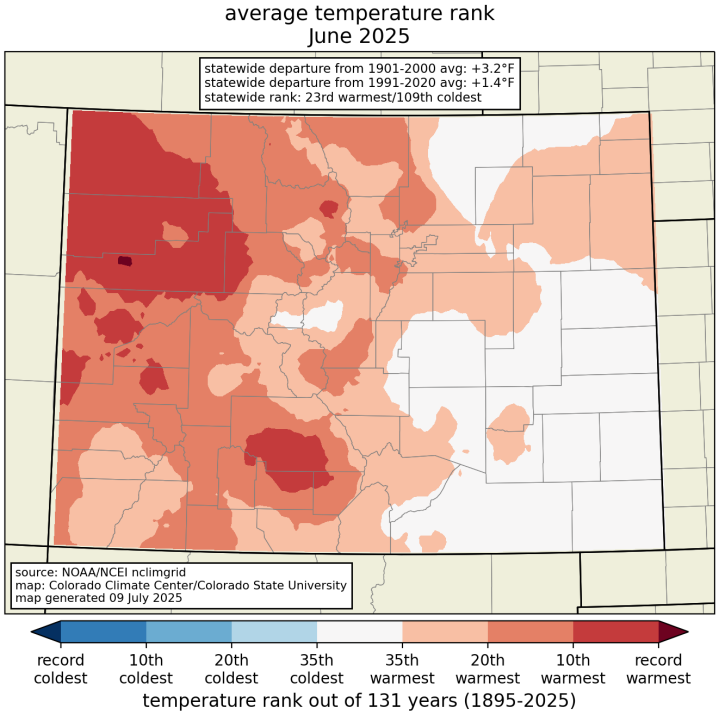
June 2025 Colorado Monthly Climate Summary

COLORADO CLIMATE CENTER

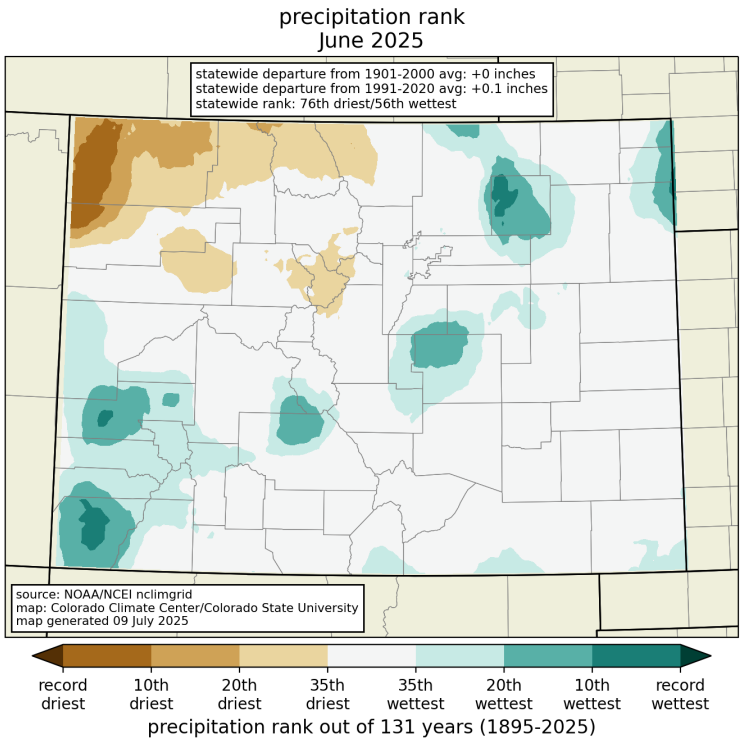
ATMOSPHERIC SCIENCE
COLORADO STATE UNIVERSITY

temperature



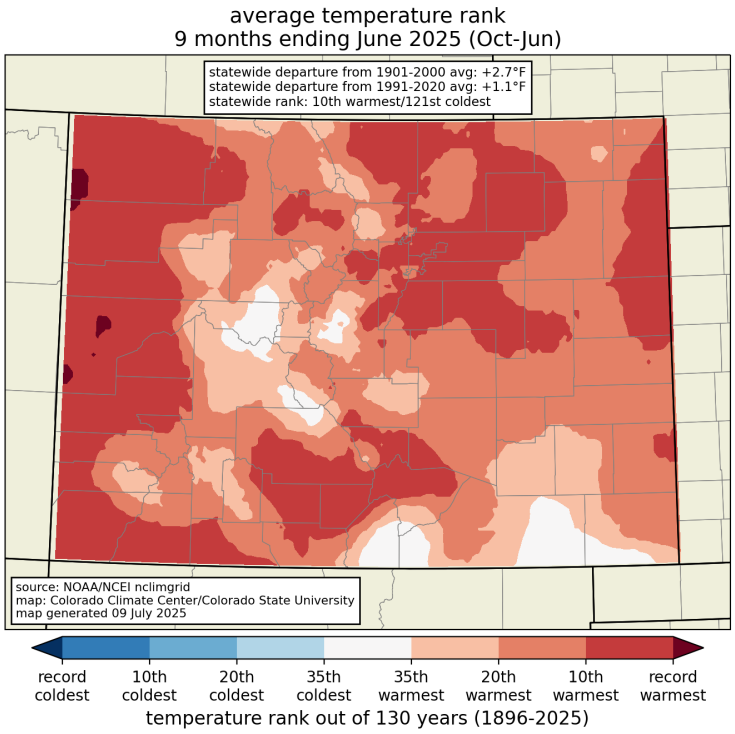
June featured warmer than average temperatures, and statewide it was the 23rd hottest on record. The brunt of the abnormal June heat occurred in the western half of the state. For many locations in northwest Colorado, it was at least a top-10 warmest June. Much of northeast Colorado also experienced a warmer than average June, while the southeast was near-normal.

precipitation



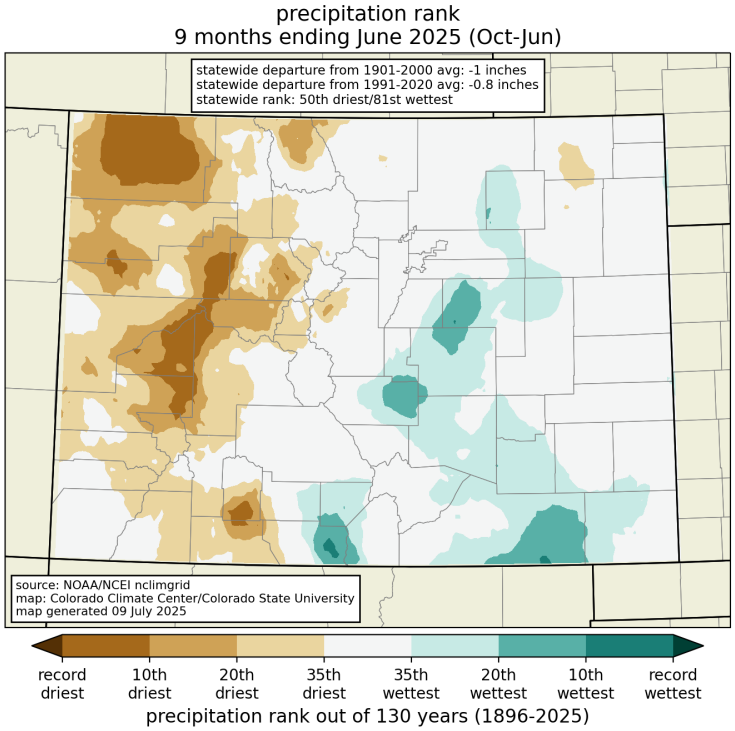
Statewide, precipitation was slightly wetter than normal for June. Some areas in the northeast and southwest parts of the state benefitted from enhanced shower and thunderstorm activity, which led to localized areas of abnormally-wet conditions. Far northwest Colorado missed out on much of this rainfall, and June 2025 was unusually dry as a result.

temperature: water year update



There are only three months left in Water Year 2025, and the first three-quarters of it were abnormally warm. Statewide, October 2024-June 2025 were the 10th warmest October-June period on record. The most anomalous heat over the last nine months has occurred in parts of the Northeast Plains, San Luis Valley, and the West Slope.

precipitation: water year update

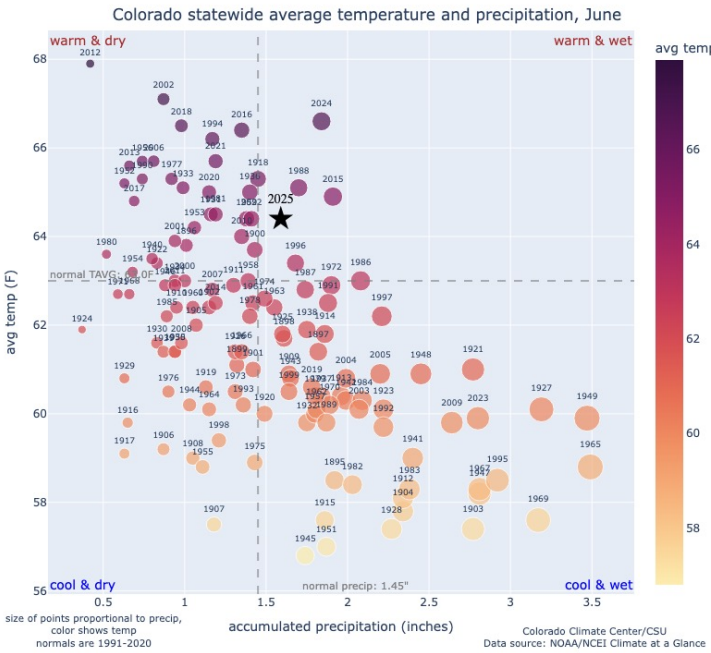


The first nine months of Water Year 2025 were abnormally dry for most locations west of the Continental Divide, while the eastern half of the state was average to slightly wetter than average. June precipitation brought some relief from the drier-than-normal conditions in parts of southwest Colorado, while recent rainfall and the big November snowstorm have kept much of Southeast Colorado running above average for Water Year 2025 so far.

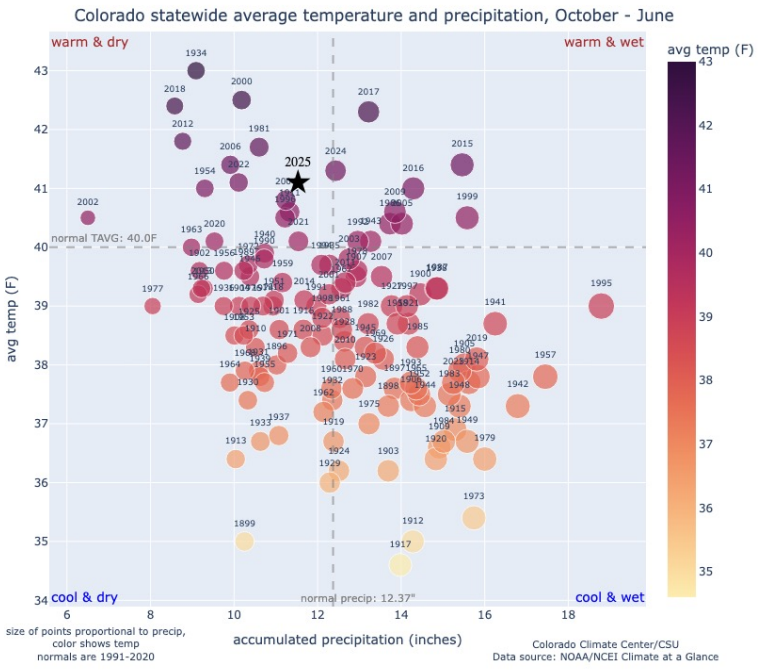
quadrant charts

Each dot plots the precipitation on the horizontal axis and the temperature on the vertical axis. Dots are colored based on temperature and size is based on precipitation. The current year is denoted with a star. The 1991-2020 averages are denoted by the dashed lines.

June 2025 was slightly wetter than average and definitively warmer than average for Colorado. The average temperature across the state was 64.4°F for June 2025, which is 1.4°F warmer than the 1991-2020 June average of 63°F. June precipitation was 0.09” above the statewide 30-year mean of 1.45”.



The first nine months of Water Year 2025 (October 2024-June 2025) have been drier and warmer than average. Statewide, the average temperature of 41.1°F was 1.1°F warmer than the 1991-2020 average. The average precipitation of 11.53” over the past nine months was 0.84” below the 30-year normal of 12.37”.



[view all quadrant charts]

	High Max	Low Max	High Min	Low Min	Precip	Snow
Daily	49/**55**	11/**24**	47/**188**	9/**11**	44/**66**	0/**0**
Monthly	0/**0**	0/**0**	7/**21**	0/**0**	0/**1**	0/**0**
All-time	0/**0**	0/**0**	2/**10**	0/**0**	0/**0**	0/**0**

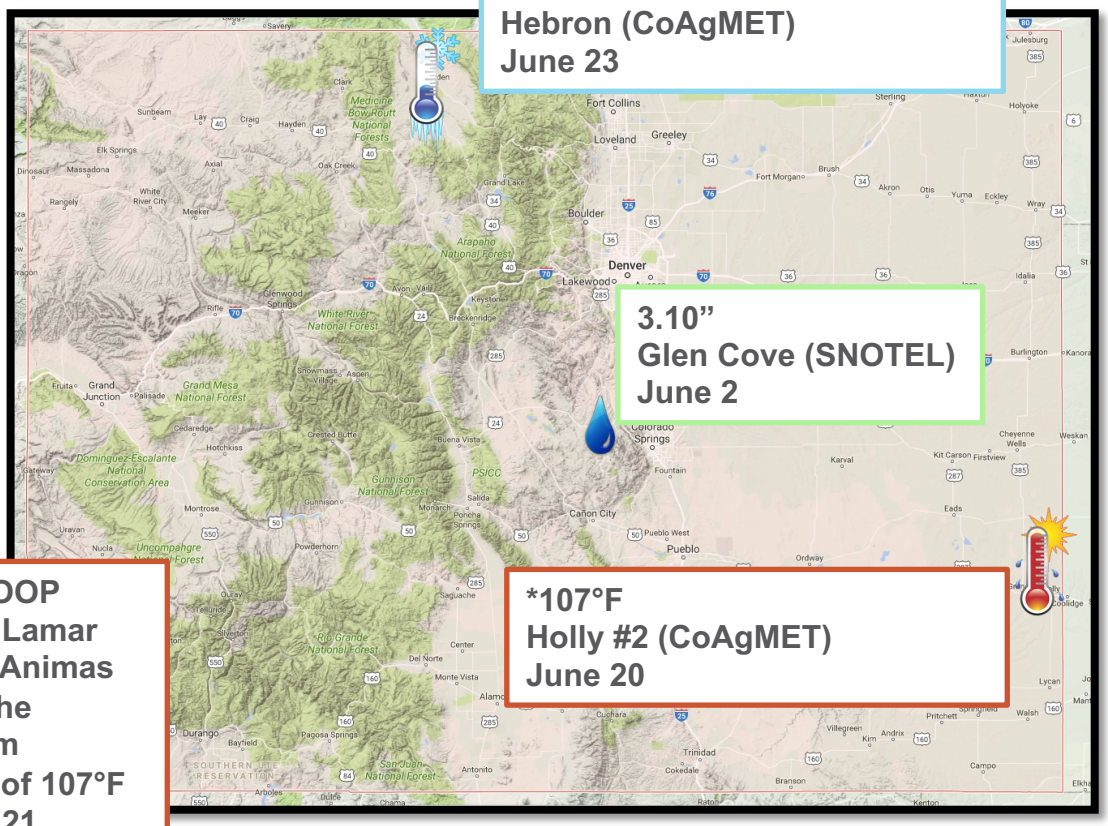
Tied/**Broken**, from NOAA National Centers for Environmental Information

state extremes

25°F
Hebron (CoAgMET)
June 23

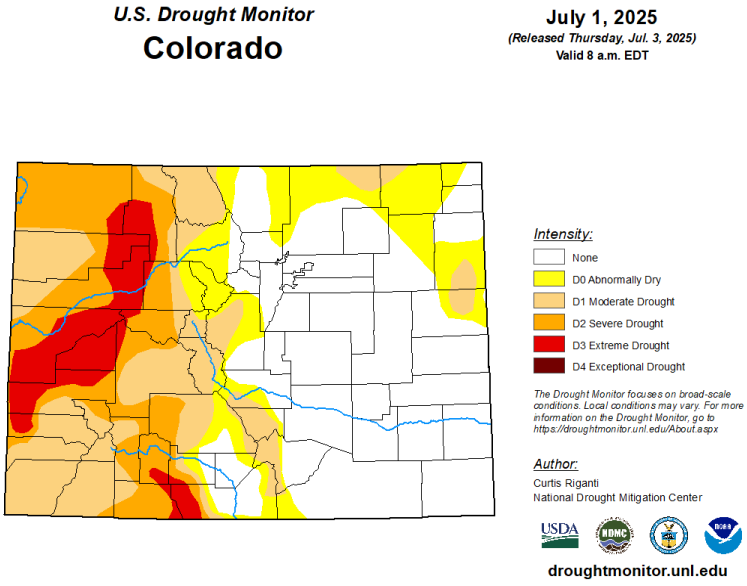
3.10”
Glen Cove (SNOTEL)
June 2

***107°F**
Holly #2 (CoAgMET)
June 20



***NWS COOP stations Lamar and Las Animas shared the maximum extreme of 107°F on June 21**

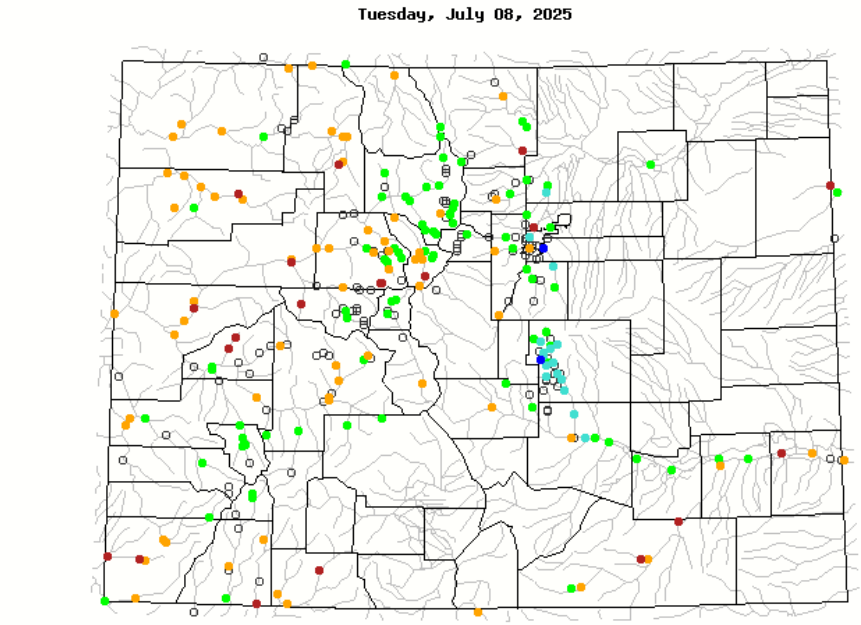
drought & streamflow



Throughout June, drought conditions across Colorado have generally improved or remained stable, aside from the northwest where conditions have continued to worsen from lacking precipitation and increased evaporative demand. The most notable improvements occurred across the southern and eastern portions of the state, where widespread 1-class improvements came from precipitation. Meanwhile, central Colorado remained largely stagnant.

[Colorado Drought Update Page]

USGS 28-day streamflow percentiles largely reflect recent drought trends, following a lackluster snowpack and rapid melt-off earlier this season. Several stations across the Western Slope—denoted in red—are now reporting streamflows below the 10th percentile, highlighting ongoing surface water deficits and growing hydrologic concerns in the region.

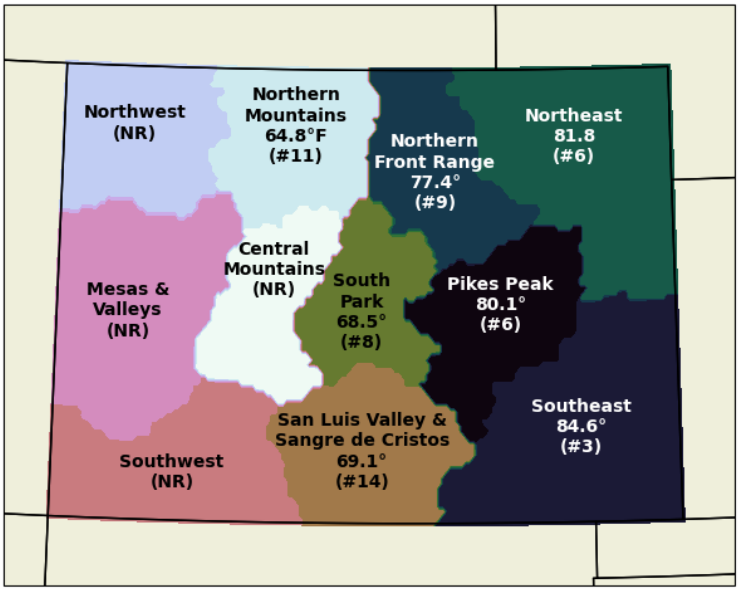


significant events

Nocturnal thunderstorms brought severe hail to some areas of the northern I-25 during the very early morning hours of June 17th. The hail fell between 2am-5am MDT across parts of Larimer, Weld, Adams and Morgan counties, and there were several reports of hailstones in excess of 2” in diameter. Hailstones larger than 2”—denoted “significant severe”—are extremely rare to see during the early morning hours in Colorado. Since 1955, there have only been seven other 2”+ hail reports between the hours of 2am-5am in the state.

CoCoRaHS hail report from Wellington, CO capturing 2.5 inch hailstone that fell in the early morning hours of June 17th.

June 21-22, 2025 Mean Temperatures



Mean temperatures for June 20-21 across CO’s alternate climate divisions and ranking compared to other two-day June periods since 1951. Data from NCEI nClimGrid.

For the eastern half of Colorado, June was not as abnormally hot as the western half of the state was. However, June 21-22 did feature record-setting temperatures that climbed into the triple digits. Some notable tied or broken daily maximum temperature records include 107°F in Lamar, 105°F in Holyoke, and 103°F in Burlington. This heat marked Southeast Colorado’s 3rd-warmest two-day June period since 1951, and it ranked among the top-10 for several other regions.

CCC in the news

- ❑ **June 4, 2025:** Above average rainfall leaves Colorado's Front Range drought-free
  - Featuring Russ Schumacher in Kiowa County Press
- ❑ **June 5, 2025**: Wildfire risk remains potent on Colorado's Western Slope as summer heats up
  - Featuring Russ Schumacher in the Summit Daily
- ❑ **June 8, 2025**: First week of June brings twice as much rain as the area normally sees all month
  - Featuring Allie Mazurek in the Grand Junction Daily Sentinel
- ❑ **June 17, 2025**: Western Slope communities consider water limits as drought deepens in west
  - Featuring Allie Mazurek in CPR News
- ❑ **June 17, 2025**: Weather Around The USA, June 17, 2025, And A Mexico Hurricane Threat (re: Overnight hail in Colorado)
  - Featuring Russ Schumacher in The Weather Channel
- ❑ **June 23, 2025**: Seasonal drought outlook: A look at what's ahead in Southern Colorado
  - Featuring Russ Schumacher on MSN and KXRM Colorado Springs

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