



ARIZONA STATE
CLIMATE OFFICE

Arizona Climate Summary

Summary of conditions for 2024

Published March 29, 2025

2024 Annual Summary

January had a few winter storm systems that brought a statewide average of 1.37 inches of precipitation, with southern counties and portions of eastern and western counties receiving above average precipitation. Yuma, Pima, and Santa Cruz counties each ranked as their 15th wettest January on record, with Yuma County receiving 250% of average January precipitation, Pima County receiving 221% of average January precipitation, and Santa Cruz County receiving 206% of average January precipitation. Locations that ranked within their top 5 wettest January include Green Valley (2.04 inches of precipitation, 3rd wettest January on record), Sasabe (3.57 inches of precipitation, 5th wettest January on record), and Picacho (1.98 inches of precipitation, 5th wettest January on record).

February began with an atmospheric river event along with a series of low pressure systems that occurred throughout the month, leading to a statewide average of 1.73 inches of precipitation and ranking as the 24th wettest February on record. Bellemont received 43.4 inches of snow (ranking as their snowiest February on record, previous record 41.6 inches set in 2023) and 3.93 inches of precipitation (ranking as their 3rd wettest February on record). Flagstaff received 45.9 inches of snow (ranking as their 3rd snowiest February on record), Paradise received 2.56 inches of precipitation (ranking as their 4th wettest February on record), and Carefree received 3.46 inches of precipitation (ranking as their 7th wettest February on record).

March brought above average precipitation to most counties, with Navajo County receiving 245% of average March precipitation (ranking as their 6th wettest March on record) and Apache County receiving 233% of average March precipitation (tying as their 7th wettest March on record). Show Low received 2.37 inches of precipitation (ranking as their wettest March on record, previous record 2.28 inches in 2000), Winslow received 1.86 inches of precipitation (ranking as their 2nd wettest March on record), and Alpine received 3.56 inches of precipitation (ranking as their 4th wettest March on record). Statewide, Arizona received 1.61 inches of precipitation, ranking as the 28th wettest March on record.

April brought above average precipitation to most of central and southern counties. Carefree received 1.68 inches of precipitation (ranking as their 3rd wettest April on record), and Bellemont received 1.51 inches of precipitation (ranking as their 4th wettest April on record). With an anomaly of 0.03 inches above the 1895-2024 mean of 0.53 inches, the state tied as the 47th wettest April on record.

May had a few low pressure systems that brought a statewide average of 0.05 inches of precipitation, tying as the 16th driest on record. On May 20, blowing dust caused near zero visibility on the I-10 near Arizona City, leading to a car accident with an injury. On May 27, Tucson reached 100°F for the first time this year, which was the second time on record (since 1895) that Tucson had their first 100°F high temperature of the year on Memorial Day (the first time was on May 30, 1977).

June tied as the 2nd hottest June on record. Although June is the driest month climatologically, Arizona received a statewide average of 0.58 inches of precipitation, which ranked as the 19th wettest June on record. Locations that received above average precipitation include Sierra Vista (2.07 inches, ranking as their 2nd wettest June on record) and Anvil Ranch (1.57 inches, ranking as their 3rd wettest June on record).

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July ranked as the 2nd hottest July on record, with La Paz, Mohave, and Yuma counties ranking as their hottest July on record. Other locations that experienced their hottest July on record include Apache Junction, East Mesa, Kingman, Seligman, and Yuma. The state also ranked as the 35th driest on record with a statewide average of 1.23 inches of precipitation. On July 2, an EF-1 tornado was observed 5 miles southeast of Tucson, which lasted for about 10 minutes with peak winds around 100 mph. It traveled 3.25 miles, downing several large trees and causing minor roof damage. There were no injuries or fatalities. On July 24, a large warehouse located near N 47th Ave and W Van Buren St completely collapsed due to a strong microburst. There was one fatality.

August tied as the 4th hottest August on record and was within the top 5 hottest for Greenlee, La Paz, Maricopa, Navajo, Yavapai, and Yuma counties. Flagstaff and Seligman each recorded their 2nd hottest August on record, while Kingman, Phoenix, and Saint Johns each measured their 3rd hottest August on record. Arizona received a statewide average of 1.67 inches of precipitation, ranking as the 40th driest August on record. On August 22, monsoon rains caused catastrophic flash flooding in Supai and Havasupai Falls. Hundreds of hikers were stranded and rescued via helicopter by the Arizona National Guard. One person was swept away in the flash flood, and their body was recovered three days later.

September brought above average temperatures to much of Arizona, leading the state to experience its hottest September on record. Maricopa, Pima, Pinal, and Yavapai counties all ranked as their hottest September on record, while Gila County tied as their hottest September on record. Other locations that recorded their hottest September include East Mesa, Phoenix, Picacho, Show Low, Tucson, and Youngtown. On September 28, Phoenix reached 117°F, which set a new record for their all-time hottest September high temperature (previous record 116°F set on 9/1/1950) and marks their latest 115°F+ day on record (previous record 9/5/2024 and 9/5/2020). This is almost ten weeks past the climatological normal date of July 22. Statewide, Arizona ranked as the 15th driest on record with an anomaly of 0.91 inches below the 1895-2024 mean of 1.16 inches.

October ranked as the hottest October on record. Several records were broken in many locations across the state, including Flagstaff (6 high maximum temperature records), Phoenix (16 high maximum temperature records and 11 high minimum temperature records), and Tucson (17 high maximum temperature records and 2 high minimum temperature records). Phoenix reached 110°F+ for the last time this year on October 7 (with a high temperature of 110°F), which was six weeks past the climatological normal date of August 26. This set a new record for the latest occurrence of a high temperature of 110°F+, with the previous date being September 19, 2010.

November brought a statewide average of 0.35 inches of precipitation, tying as the 39th driest on record, while Cochise, Graham, Pima, and Santa Cruz counties experienced their wettest November since 2019. A few locations observed their first snowfall of the season on November 3, including Show Low (2.0 inches, breaking the previous record of 0.1 inches set on 11/3/2022) and Bellemont (1.7 inches, breaking the previous record of 1.5 inches set on 11/3/2022). Some locations also received above average snowfall this month, including Show Low (421% of average, tying with 2019 as the 4th snowiest November on record) and Saint Johns (278% of average). In addition, the state tied as the 43rd coldest on record with an average temperature of 48.4°F.

December ranked as the 2nd hottest December on record. The average statewide temperature was 47.6°F, resulting in an anomaly of 5.9°F above the 1895-2024 mean of 41.7°F. Locations that also experienced their hottest December include Apache Junction, Bellemont, East Mesa, Phoenix, Sasabe, Tacna, and Tucson. Arizona received a statewide average of 0.01 inches of precipitation, ranking as the 2nd driest December on record and the driest December since 1917. A few locations recorded measurable precipitation (0.01 inches or greater), including Nogales Airport (0.35 inches), Robson Ranch (0.08 inches), East Mesa (0.02 inches), Canyon de Chelly (0.01 inches), and Window Rock (0.01 inches).

Data are preliminary and are from NOAA Regional Climate Centers and the National Weather Service Forecast Offices in Flagstaff, Phoenix, Tucson, and Las Vegas.

Note: Weather stations across the state have different reporting times. Official daily temperature and precipitation values are recorded at the airports from midnight to midnight, while statewide observations are taken at varying times throughout the day.

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Monsoon Season 2024 Summary (June 15-September 30)

Arizona's 2024 monsoon season began early due to moisture that streamed into the state from remnants of Tropical Storm Alberto in late June. The legacy start date for monsoon season is marked by the first of three consecutive days that have an average dew point temperature of 54°F or greater for Tucson and 55°F or greater for Phoenix. For Monsoon 2024, the legacy start date was June 21 for Tucson and June 22 for Phoenix. By the end of June, some counties received more than 300% of average June precipitation, including Pima County (322%, which was their wettest June since 2000) and Santa Cruz County (311%, which was their wettest June since 2015). Statewide, Arizona received 207% of average June precipitation.

July began with an anomalously strong ridge of high pressure that brought record-breaking temperatures to the state. Thunderstorms were prevalent throughout the rest of the month, with Apache, Greenlee, Yavapai, Gila, Maricopa, Pinal, Pima, and Santa Cruz counties receiving near average July precipitation. Arizona received 69% of average July precipitation. Strong to severe thunderstorms continued in some areas in August, with portions of Coconino and northern Navajo and Apache counties receiving above average precipitation, and the state measuring 82% of average August precipitation. Although remnants of Tropical Storm Ileana streamed moisture into the state and contributed to precipitation in September, Arizona received 22% of average September precipitation.

The legacy end date for Monsoon 2024 (the last day that has an average dew point temperature of 54°F+ for Tucson and 55°F+ for Phoenix) was August 23 for Phoenix and September 17 for Tucson. Total precipitation amounts were above average in portions of Apache, Cochise, Coconino, Gila, Pima, and Pinal counties and below average in western and central counties.

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Winter Precipitation Summary (October 2023-April 2024)

October 2023 tied as the 16th hottest and the 22nd driest on record. A few low pressure systems in November brought a statewide average of 0.47 inches of precipitation (58% of average November precipitation). Above average precipitation was recorded in Apache County, which measured 1.12 inches (129% of average).

In December, a winter storm system brought above average precipitation to southern counties, including Santa Cruz (2.28 inches; 165% of average) and Pima (1.66 inches; 142% of average) counties. Statewide, Arizona received 0.92 inches of precipitation (81% of average December precipitation). By December 31, snowpack was below average in the Salt (51% median SWE), Little Colorado (35% median SWE), and Verde (13% median SWE) basins.

Above average precipitation was measured in southern counties and portions of eastern and western counties in January, including Pima (2.17 inches; 221% of average), Yuma (1.50 inches; 250% of average), and Cochise (1.47 inches; 146% of average) counties. Arizona received an average of 1.37 inches of precipitation (118% of average January precipitation). By the end of the month, snowpack remained below average in the Salt (68% median SWE), Little Colorado (67% median SWE), and Verde (56% median SWE) basins.

In February, an atmospheric river event and multiple low pressure systems brought Arizona an average of 1.73 inches of precipitation (159% of average February precipitation). Navajo and Apache counties received average precipitation, while above average precipitation was measured in every other county. Yuma County received 204% of average February precipitation, which was their wettest February since 2017. By February 29, snowpack was slightly above average in the Verde basin (105% median SWE) and below average in the Little Colorado (94% median SWE) and Salt (74% median SWE) basins.

Several weather disturbances in March brought 1.61 inches of precipitation to the state (155% of average March precipitation). Navajo and Apache counties ranked in their top 10 wettest March on record, and Apache County also experienced their wettest March since 1973 with 233% of average March precipitation. By March 31, snowpack was much above average in the Salt (443% median SWE), Verde (324% median SWE), and Little Colorado (232% median SWE) basins.

Above average precipitation was recorded in most central and southern counties in April. Statewide, Arizona received 0.56 inches of precipitation (106% of average April precipitation). Cochise and Gila counties each experienced their wettest April since 2004, with 290% and 121% of average April precipitation, respectively. Complete snowmelt occurred in the Salt basin on April 22; however, late snow events brought 0.1 inches of snow to that basin on April 23 and April 27. The Little Colorado and Verde basins also received additional amounts of snow on April 27 (0.2 inches and 0.1 inches, respectively). By the end of the month, 2.6 inches of snow was measured in the Little Colorado basin and 1.3 inches of snow was recorded in the Verde basin.

The average state temperature for October 2023-April 2024 was 51.3°F, tying as the 15th hottest October-April on record, and the average state precipitation was 6.85 inches (103% of average statewide precipitation), ranking as the 55th wettest on record.

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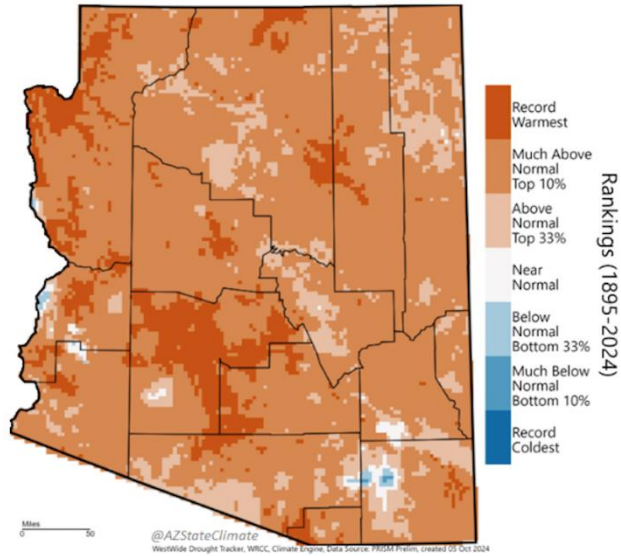
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Water Year 2024 Summary (October 2023-September 2024)

Water Year 2024 Mean Temperature

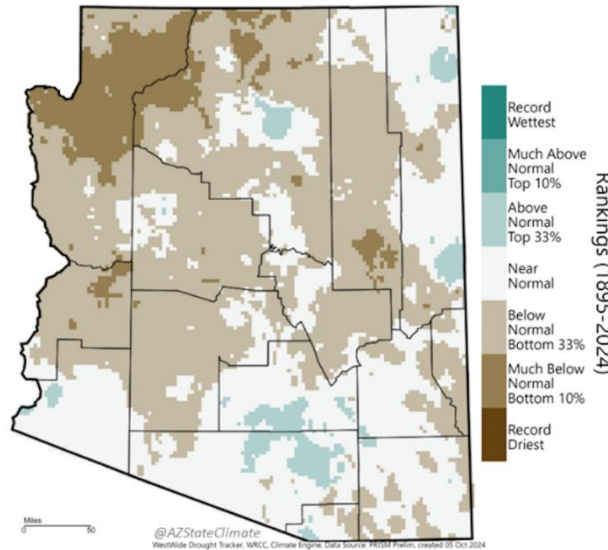
October 2023 - September 2024, Percentile



The **average state temperature** for Water Year 2024 was **62.3°F**, ranking as the **6th hottest** Water Year on record. The **1896-2024 mean average state temperature** for the Water Year was **59.7°F**, resulting in an **anomaly of +2.6°F**.

Water Year 2024 Precipitation

October 2023 - September 2024, Percentile



The **average state precipitation** for Water Year 2024 was **10.63 inches**, ranking as the **34th driest** Water Year within the period of record. The **1896-2024 mean state precipitation** for the Water Year was **12.25 inches**, resulting in an **anomaly of -1.62 inches**.

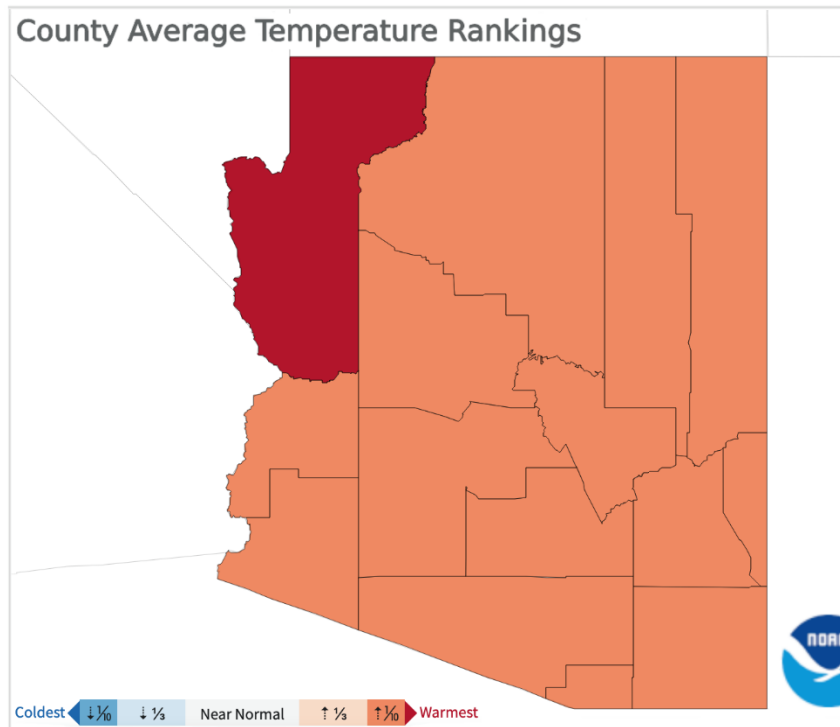
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2024 Statewide Average Temperatures per County



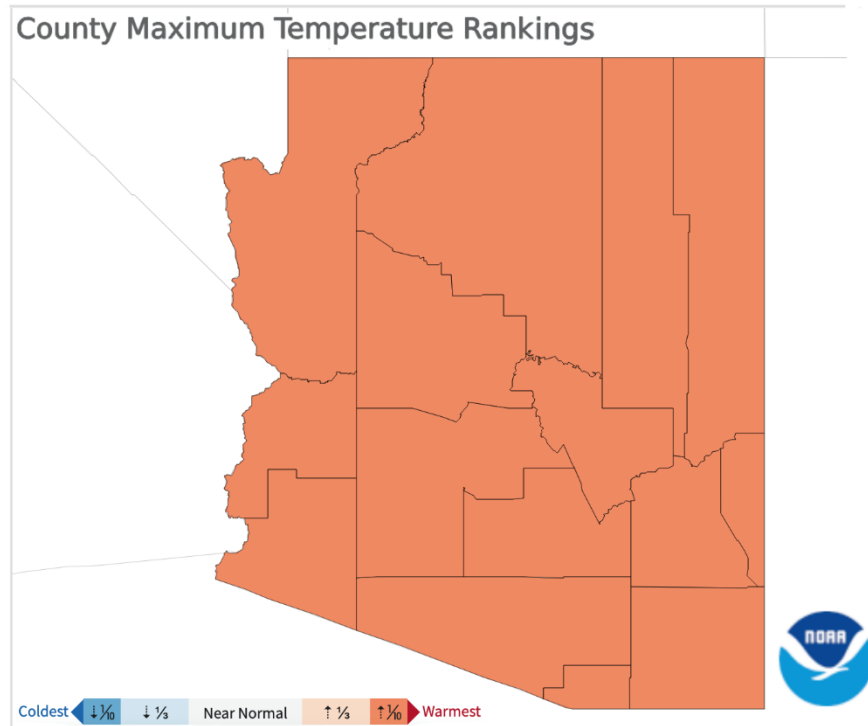
The **average** state temperature for 2024 was **62.4°F**, ranking as the **3rd hottest** year within the period of record. The **1895-2024 mean average** state temperature was **59.7°F**, resulting in an **anomaly** of **+2.7°F**.

County	Average Temperature	Rank (130 Years)	Anomaly From the 1895-2024 mean
Apache	52.2°F	Tied 5 th hottest	+2.1°F
Cochise	62.9°F	5 th hottest	+2.2°F
Coconino	55.2°F	3 rd hottest	+3.1°F
Gila	61.3°F	8 th hottest	+2.4°F
Graham	62.9°F	4 th hottest	+2.3°F
Greenlee	58.3°F	Tied 6 th hottest	+2.2°F
La Paz	73.6°F	Tied 3 rd hottest	+2.9°F
Maricopa	72.4°F	Tied 4 th hottest	+2.8°F
Mohave	64.8°F	Tied hottest	+3.0°F
Navajo	54.2°F	3 rd hottest	+2.7°F
Pima	69.5°F	Tied 3 rd hottest	+2.6°F
Pinal	70.6°F	Tied 4 th hottest	+2.6°F
Santa Cruz	62.5°F	Tied 3 rd hottest	+2.3°F
Yavapai	61.5°F	3 rd hottest	+2.8°F
Yuma	74.4°F	Tied 3 rd hottest	+3.0°F

Period of record: 1895-2024

Data are from the National Centers for Environmental Information and are **preliminary**.

2024 Statewide Maximum Temperatures per County



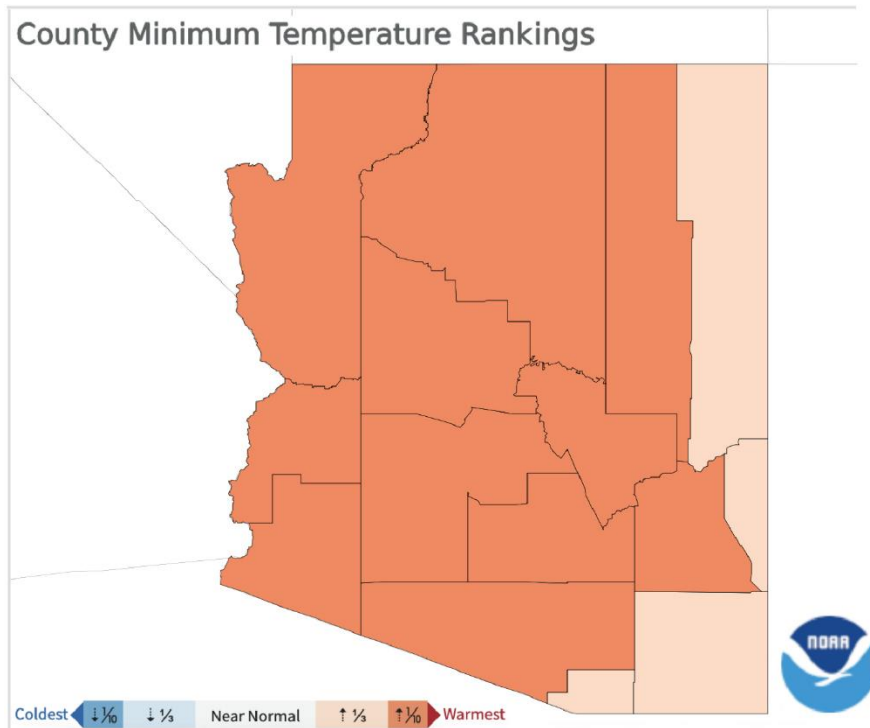
The **average maximum** state temperature for 2024 was **77.0°F**, ranking as the **3rd hottest** year within the period of record. The **1895-2024 mean maximum** state temperature was **73.8°F**, resulting in an **anomaly of +3.2°F**.

County	Maximum Temperature	Rank (130 Years)	Anomaly From the 1895-2024 mean
Apache	67.3°F	Tied 5 th hottest	+2.9°F
Cochise	78.9°F	3 rd hottest	+3.3°F
Coconino	70.0°F	2 nd hottest	+3.7°F
Gila	75.4°F	Tied 11 th hottest	+2.7°F
Graham	76.9°F	3 rd hottest	+3.0°F
Greenlee	72.7°F	3 rd hottest	+3.1°F
La Paz	87.4°F	5 th hottest	+2.7°F
Maricopa	86.6°F	4 th hottest	+2.8°F
Mohave	77.5°F	3 rd hottest	+3.0°F
Navajo	69.8°F	3 rd hottest	+3.9°F
Pima	84.9°F	3 rd hottest	+3.3°F
Pinal	85.0°F	Tied 3 rd hottest	+3.0°F
Santa Cruz	78.3°F	4 th hottest	+3.2°F
Yavapai	76.4°F	3 rd hottest	+3.3°F
Yuma	89.0°F	4 th hottest	+3.0°F

Period of record: 1895-2024

Data are from the National Centers for Environmental Information and are **preliminary**.

2024 Statewide Minimum Temperatures per County



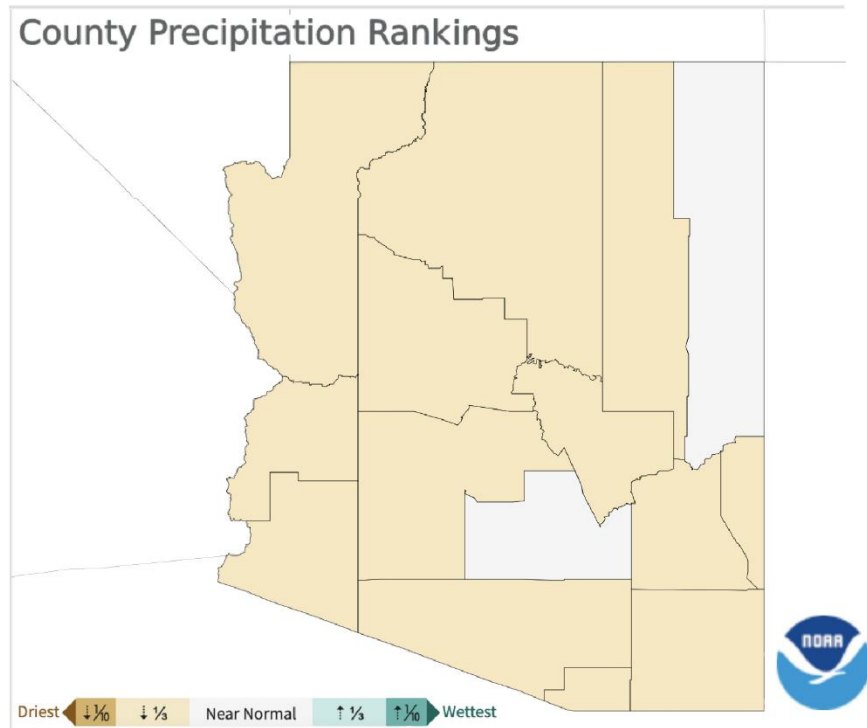
The **average minimum** state temperature for 2024 was **47.8°F**, tying as the **6th hottest** year within the period of record. The **1895-2024 mean minimum** state temperature was **45.6°F**, resulting in an **anomaly of +2.2°F**.

County	Minimum Temperature	Rank (130 Years)	Anomaly From the 1895-2024 mean
Apache	37.1°F	Tied 14 th hottest	+1.4°F
Cochise	47.0°F	Tied 16 th hottest	+1.3°F
Coconino	40.4°F	Tied 2 nd hottest	+2.4°F
Gila	47.1°F	8 th hottest	+2.0°F
Graham	48.9°F	10 th hottest	+1.7°F
Greenlee	43.9°F	Tied 22 nd hottest	+1.4°F
La Paz	59.8°F	5 th hottest	+3.0°F
Maricopa	58.2°F	7 th hottest	+2.8°F
Mohave	52.1°F	2 nd hottest	+3.1°F
Navajo	38.6°F	Tied 12 th hottest	+1.5°F
Pima	54.1°F	9 th hottest	+1.9°F
Pinal	56.2°F	9 th hottest	+2.2°F
Santa Cruz	46.6°F	Tied 21 st hottest	+1.2°F
Yavapai	46.5°F	Tied 5 th hottest	+2.3°F
Yuma	59.7°F	5 th hottest	+3.0°F

Period of record: 1895-2024

Data are from the National Centers for Environmental Information and are **preliminary**.

2024 Statewide Precipitation Totals per County



The **average state precipitation** for 2024 was **9.84 inches**, ranking as the **25th driest** year within the period of record. The **1895-2024 mean state precipitation** for the year was **12.23 inches**, resulting in an anomaly of **-2.39 inches**.

County	Precipitation	Rank (130 Years)	Anomaly From the 1895-2024 mean
Apache	12.26''	Tied 55 th driest	-0.70''
Cochise	12.01''	33 rd driest	-2.30''
Coconino	10.66''	26 th driest	-2.55''
Gila	17.04''	36 th driest	-2.94''
Graham	11.50''	23 rd driest	-3.47''
Greenlee	13.38''	26 th driest	-3.20''
La Paz	3.30''	18 th driest	-2.46''
Maricopa	6.37''	Tied 24 th driest	-2.56''
Mohave	6.44''	14 th driest	-3.80''
Navajo	9.77''	28 th driest	-2.10''
Pima	10.85''	42 nd driest	-1.26''
Pinal	10.41''	44 th driest	-1.63''
Santa Cruz	15.93''	40 th driest	-2.18''
Yavapai	11.83''	26 th driest	-3.84''
Yuma	3.73''	42 nd driest	-0.98''

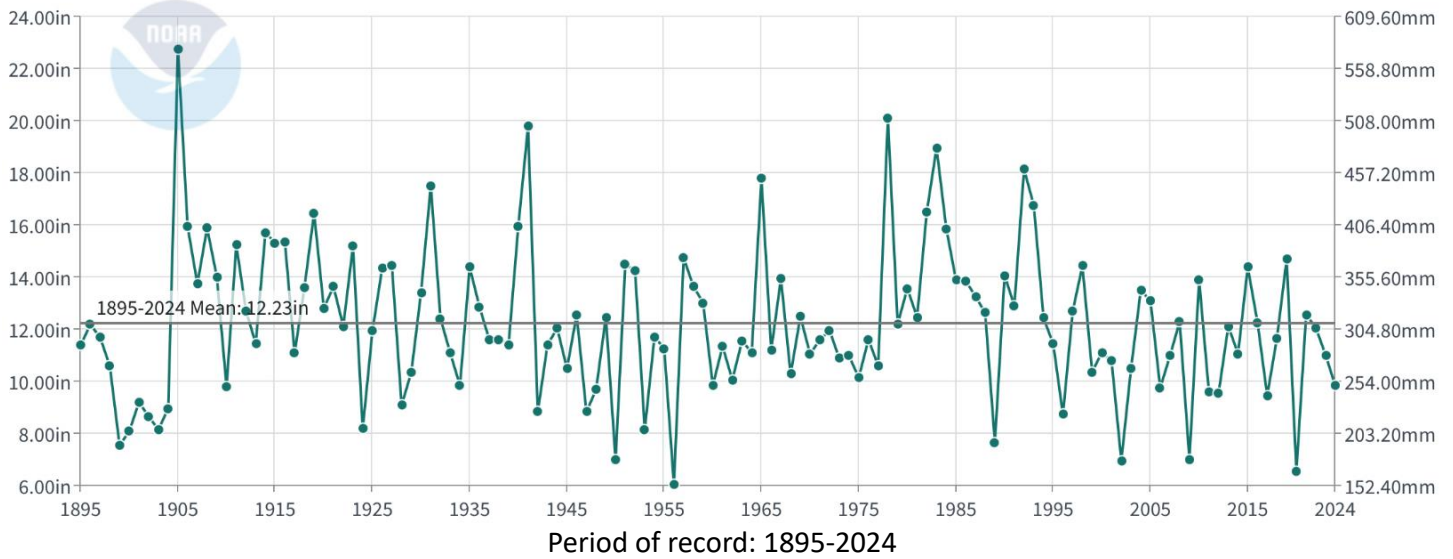
Period of record: 1895-2024

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2024 Statewide Precipitation (1895 to date)

Arizona Precipitation

January-December



This chart shows average Arizona precipitation each year through the period of record (1895 to 2024). 2024 ranked as the **25th driest** with an average of **9.84 inches**, which is **2.39 inches below** the **1895-2024 average of 12.23 inches**. This was the driest year since 2020.

Data are from the National Centers for Environmental Information and are **preliminary**.

2024 Statewide Rankings

Arizona Average Temperatures

	Value	1895-2024 Mean	Anomaly	Ranking		
January	42.1°F	41.1°F	+1.0°F	Tied 51 st hottest		
February	46.7°F	44.9°F	+1.8°F	Tied 39 th hottest		
March	49.8°F	50.0°F	-0.2°F	Tied 59 th coldest		
April	57.9°F	57.2°F	+0.7°F	Tied 57 th hottest		
May	66.4°F	65.4°F	+1.0°F	Tied 50 th hottest		
June	80.3°F	75.0°F	+5.3°F	Tied 2 nd hottest		
July	84.4°F	80.1°F	+4.3°F	2 nd hottest		
August	81.4°F	78.1°F	+3.3°F	Tied 4 th hottest		
September	76.3°F	72.4°F	+3.9°F	Hottest		
October	67.8°F	61.3°F	+6.5°F	Hottest		
November	48.4°F	49.6°F	-1.2°F	Tied 43 rd coldest		
December	47.6°F	41.7°F	+5.9°F	2 nd hottest		
Annual	62.4°F	59.7°F	+2.7°F	3rd hottest		
Record coldest	Top 10% coldest	Top 33% coldest	Normal	Top 33% hottest	Top 10% hottest	Record hottest

Arizona Maximum Temperatures

	Value	1895-2024 Mean	Anomaly	Ranking		
January	53.8°F	53.5°F	+0.3°F	Tied 62 nd hottest		
February	59.2°F	57.9°F	+1.3°F	Tied 50 th hottest		
March	62.5°F	63.7°F	-1.2°F	Tied 52 nd coldest		
April	73.4°F	72.2°F	+1.2°F	Tied 52 nd hottest		
May	82.9°F	81.2°F	+1.7°F	41 st hottest		
June	96.2°F	91.5°F	+4.7°F	7 th hottest		
July	99.5°F	94.2°F	+5.3°F	2 nd hottest		
August	95.1°F	91.6°F	+3.5°F	Tied 6 th hottest		
September	91.7°F	86.8°F	+4.9°F	3 rd hottest		
October	84.1°F	75.9°F	+8.2°F	Hottest		
November	62.9°F	63.5°F	-0.6°F	59 th coldest		
December	63.0°F	54.2°F	+8.8°F	Tied hottest		
Annual	77.0°F	73.8°F	+3.2°F	3rd hottest		
Record coldest	Top 10% coldest	Top 33% coldest	Normal	Top 33% hottest	Top 10% hottest	Record hottest

Data are from the National Centers for Environmental Information and are **preliminary**.

2024 Statewide Rankings

Arizona Minimum Temperatures

	Value	1895-2024 Mean	Anomaly	Ranking		
January	30.3°F	28.8°F	+1.5°F	Tied 45 th hottest		
February	34.2°F	31.9°F	+2.3°F	Tied 30 th hottest		
March	37.2°F	36.2°F	+1.0°F	Tied 49 th hottest		
April	42.4°F	42.1°F	+0.3°F	Tied 58 th hottest		
May	50.0°F	49.6°F	+0.4°F	61 st hottest		
June	64.4°F	58.5°F	+5.9°F	Hottest		
July	69.3°F	66.0°F	+3.3°F	2 nd hottest		
August	67.6°F	64.7°F	+2.9°F	4 th hottest		
September	60.8°F	58.0°F	+2.8°F	Tied 9 th hottest		
October	51.6°F	46.7°F	+4.9°F	3 rd hottest		
November	33.8°F	35.8°F	-2.0°F	Tied 25 th coldest		
December	32.1°F	29.2°F	+2.9°F	Tied 14 th hottest		
Annual	47.8°F	45.6°F	+2.2°F	Tied 6th hottest		
Record coldest	Top 10% coldest	Top 33% coldest	Normal	Top 33% hottest	Top 10% hottest	Record hottest

Arizona Precipitation Totals

	Value	1895-2024 Mean	Anomaly	Ranking		
January	1.37"	1.16"	+0.21"	46 th wettest		
February	1.73"	1.09"	+0.64"	24 th wettest		
March	1.61"	1.04"	+0.57"	28 th wettest		
April	0.56"	0.53"	+0.03"	Tied 47 th wettest		
May	0.05"	0.32"	-0.27"	Tied 16 th driest		
June	0.58"	0.28"	+0.30"	19 th wettest		
July	1.23"	1.79"	-0.56"	35 th driest		
August	1.67"	2.04"	-0.37"	40 th driest		
September	0.25"	1.16"	-0.91"	15 th driest		
October	0.43"	0.87"	-0.44"	Tied 43 rd driest		
November	0.35"	0.81"	-0.46"	Tied 39 th driest		
December	0.01"	1.13"	-1.12"	2 nd driest		
Annual	9.84"	12.23"	-2.39"	25th driest		
Record driest	Top 10% driest	Top 33% driest	Normal	Top 33% wettest	Top 10% wettest	Record wettest

Data are from the National Centers for Environmental Information and are **preliminary**.

Flagstaff Climate Statistics

2024

2024 ranked as the 2nd hottest year on record (09/10/1898 to present). With 19.16 inches of precipitation, it ranked as the 51st driest year on record.

Avg Max Temp: 64.3°F Normal: 61.8°F
 Avg Min Temp: 33.8°F Normal: 31.9°F
 Avg Mean Temp: 49.1°F Normal: 46.8°F

Highest Yearly Avg Temp: 49.4°F in 1981
 Lowest Yearly Avg Temp: 42.9°F in 1913

Highest Temp this year: 94°F on July 7, July 10
 Lowest Temp this year: -2°F on January 9,
 February 11

Highest Temp on record: 97°F on 7/5/1973
 Lowest Temp on record: -30°F on 1/22/1937

Flagstaff Number of Days of:

Minimum Temp 32°F or lower	190
Minimum Temp 0°F or lower	2
Maximum Temp 32°F or lower	7
Maximum Temp 90°F or higher	12
Measurable Precipitation (0.01" or greater)	77
Trace Precipitation (less than 0.01")	21

Weather Conditions, Number of Days of:

Thunderstorm (with and without precip)	62
Heavy rain	9
Rain	19
Light rain	62
Light freezing rain	1

Weather Conditions, Number of Days of (cont.):

Heavy snow	13
Snow	18
Light snow	45
Fog or Mist	60
Fog w/ visibility ≤ ¼ mile	14
Smoke or Haze	43

Total 2024 Precipitation: 19.16"
 Normal Annual Precipitation: 20.52"
 Departure from Normal: -1.36"
 Greatest 24-Hr Precip: 1.45" on October 18

Greatest Annual Precipitation: 36.59" in 1965
 Least Annual Precipitation: 9.59" in 2020

Total 2024 Snowfall: 105.5"
 Normal Annual Snowfall: 90.1"
 Departure from Normal: +15.4"
 Greatest 24-Hr Snowfall: 13.1" on February 7

Greatest Annual Snowfall: 184.3" in 1965
 Least Annual Snowfall: 3.2" in 1934

Highest Wind Speed: 45 mph from 210° on May 5
 Highest Peak Gust: 63 mph from 210° on May 5

Data are from NOAA Regional Climate Centers and are **preliminary**.

Normals on this page are from 1991-2020

Flagstaff Highest Maximum Temperature Records 2024

14 records set, 3 records tied

June

Date	Record	Previous record
June 5, 2024	89°F	88°F in 2016, 2010
June 6, 2024	91°F	90°F in 2010

July

Date	Record	Previous record
July 7, 2024	94°F	92°F in 1905
July 8, 2024	93°F	92°F in 2002, 1939
July 11, 2024	92°F (tied)	92°F in 2003, 1958

September

Date	Record	Previous record
September 26, 2024	84°F (tied)	84°F in 1899
September 27, 2024	85°F	83°F in 2009, 1963
September 28, 2024	86°F	83°F in 2010
September 29, 2024	84°F	83°F in 2010
September 30, 2024	84°F	83°F in 2010, 1980

October

Date	Record	Previous record
October 3, 2024	84°F	83°F in 1980
October 4, 2024	84°F	83°F in 1947
October 5, 2024	82°F	80°F in 2020, 1991, 1975
October 6, 2024	81°F (tied)	81°F in 1987
October 7, 2024	81°F	80°F in 1965
October 8, 2024	81°F	80°F in 1980, 1965, 1934

December

Date	Record	Previous record
December 21, 2024	62°F	61°F in 1969

Data are from NOAA Regional Climate Centers and are preliminary.

Flagstaff Highest Minimum Temperature Records 2024

5 records set, 4 records tied

February

Date	Record	Previous record
February 26, 2024	36°F (tied)	36°F in 1989

June

Date	Record	Previous record
June 23, 2024	61°F	59°F in 1958
June 26, 2024	59°F	58°F in 1981

July

Date	Record	Previous record
July 14, 2024	61°F (tied)	61°F in 2023, 2002, 1978

August

Date	Record	Previous record
August 11, 2024	59°F	57°F in 2020, 2015, 2006, 2002, 1986, 1964, 1910
August 17, 2024	58°F	57°F in 2022, 1945
August 18, 2024	57°F (tied)	57°F in 2012, 2011, 2010
August 19, 2024	57°F (tied)	57°F in 2023, 2020, 2002, 1939, 1932
August 28, 2024	57°F	56°F in 1967, 1909

Flagstaff Precipitation Records 2024

1 record set

June

Date	Record	Previous record
June 25, 2024	0.91''	0.78'' in 1954

Total records set: 20

Total records tied: 7

Data are from NOAA Regional Climate Centers and are **preliminary**.

Phoenix Climate Statistics

2024

2024 ranked as the hottest year on record (08/06/1895 to present). With 4.54 inches of precipitation, it ranked as the 23rd driest year on record.

Avg Max Temp: 90.4°F Normal: 87.1°F
Avg Min Temp: 66.7°F Normal: 64.1°F
Avg Mean Temp: 78.6°F Normal: 75.6°F

Highest Yearly Avg Temp: 78.6°F in 2024
Lowest Yearly Avg Temp: 67.8°F in 1964*

Highest Temp this year: 118°F on July 5, July 8
Lowest Temp this year: 35°F on January 9

Highest Temp on record: 122°F on 6/26/1990
Lowest Temp on record: 16°F on 1/7/1913

Phoenix Number of Days of:

Minimum Temp 90°F or higher	39
Maximum Temp 90°F or higher	188
Maximum Temp 100°F or higher	143
Maximum Temp 110°F or higher	70
Maximum Temp 115°F or higher	12
Measurable Precipitation (0.01" or greater)	29
Trace Precipitation (less than 0.01")	23

Weather Conditions, Number of Days of:

Thunderstorm (with and without precip)	30
Heavy rain	5
Rain	10
Light rain	44

Weather Conditions, Number of Days of (cont.):

Fog or Mist	10
Smoke or Haze	32
Dust storm w/ visibility ≤ ½ mile	7

Total 2024 Precipitation: 4.54"
Normal Annual Precipitation: 7.22"
Departure from Normal: -2.68"
Greatest 24-Hr Precip: 0.50" on March 31

Greatest Annual Precipitation: 19.73" in 1905
Least Annual Precipitation: 2.82" in 2002, 1956

Highest Wind Speed: 41 mph from 270° on May 20
Highest Peak Gust: 65 mph from 360° on August 22

*Missing data on 9/14/1964

Data are from NOAA Regional Climate Centers and are **preliminary**.

Normals on this page are from 1991-2020

Phoenix Highest Maximum Temperature Records 2024

31 records set, 8 records tied

June

Date	Record	Previous record
June 6, 2024	113°F	111°F in 2016
June 21, 2024	117°F (tied)	117°F in 2017

July

Date	Record	Previous record
July 5, 2024	118°F	116°F in 1983
July 8, 2024	118°F	115°F in 1985
July 9, 2024	116°F (tied)	116°F in 1958
July 10, 2024	115°F (tied)	115°F in 1958, 1934
July 12, 2024	116°F (tied)	116°F in 2020

August

Date	Record	Previous record
August 3, 2024	116°F	114°F in 2020, 2019, 2009, 1975
August 4, 2024	116°F (tied)	116°F in 1975

September

Date	Record	Previous record
September 5, 2024	116°F	115°F in 2020
September 8, 2024	110°F (tied)	110°F in 2023, 1979
September 24, 2024	108°F (tied)	108°F in 2002
September 25, 2024	113°F	108°F in 1989, 1979
September 26, 2024	110°F	108°F in 1989
September 27, 2024	113°F	107°F in 2009
September 28, 2024	117°F	108°F in 1992
September 29, 2024	113°F	107°F in 2003, 2001
September 30, 2024	107°F (tied)	107°F in 2010, 2003, 1980

October

Date	Record	Previous record
October 1, 2024	113°F	107°F in 2020, 1980
October 2, 2024	108°F	107°F in 1980

Data are from NOAA Regional Climate Centers and are **preliminary**.

October 3, 2024	109°F	105°F in 2020, 1988
October 4, 2024	108°F	105°F in 2020
October 5, 2024	111°F	105°F in 2020
October 6, 2024	113°F	105°F in 1917
October 7, 2024	110°F	104°F in 1991
October 8, 2024	108°F	104°F in 1987
October 9, 2024	106°F	103°F in 1996
October 10, 2024	107°F	105°F in 1991
October 11, 2024	104°F	102°F in 1991
October 12, 2024	104°F	103°F in 1950
October 13, 2024	103°F	101°F in 1989, 1978, 1950
October 14, 2024	103°F	100°F in 2020, 2015, 2010, 1973
October 25, 2024	97°F	96°F in 2014, 1990
October 26, 2024	100°F	98°F in 2001

December

Date	Record	Previous record
December 3, 2024	83°F	81°F in 1940
December 18, 2024	83°F	79°F in 1950
December 19, 2024	83°F	79°F in 1917
December 20, 2024	83°F	78°F in 1954
December 21, 2024	79°F	78°F in 2023

Phoenix Highest Minimum Temperature Records 2024

30 records set, 12 records tied

February

Date	Record	Previous record
February 24, 2024	58°F (tied)	58°F in 1982
February 26, 2024	63°F	61°F in 1988

June

Date	Record	Previous record
June 7, 2024	87°F	85°F in 1977
June 21, 2024	92°F	90°F in 2017
June 22, 2024	92°F	91°F in 2017
June 23, 2024	91°F	89°F in 2016, 1988
June 27, 2024	95°F	93°F in 1990
June 28, 2024	92°F	89°F in 2021, 2016, 2012, 1986

Data are from NOAA Regional Climate Centers and are preliminary.

July

Date	Record	Previous record
July 2, 2024	92°F	90°F in 2010, 2006
July 3, 2024	93°F	92°F in 2001
July 4, 2024	91°F (tied)	91°F in 2013, 1973
July 5, 2024	93°F	91°F in 1996
July 7, 2024	92°F	91°F in 2018, 2017, 2007, 1989
July 10, 2024	92°F	91°F in 2023, 2020, 2012, 2010
July 20, 2024	93°F (tied)	93°F in 2023, 2020, 1989

August

Date	Record	Previous record
August 2, 2024	93°F (tied)	93°F in 2023, 2020
August 3, 2024	92°F (tied)	92°F in 2023
August 4, 2024	93°F	91°F in 2018
August 10, 2024	93°F	92°F in 1995
August 17, 2024	93°F (tied)	93°F in 2023
August 20, 2024	92°F	90°F in 2018

September

Date	Record	Previous record
September 6, 2024	93°F	89°F in 2020, 2019, 2013
September 7, 2024	91°F	90°F in 2019
September 8, 2024	88°F	87°F in 2011, 2005
September 14, 2024	86°F (tied)	86°F in 1983
September 26, 2024	82°F (tied)	82°F in 2015, 2014, 2010, 1989
September 28, 2024	85°F	82°F in 2022
September 29, 2024	88°F	82°F in 1992
September 30, 2024	83°F	82°F in 1997

October

Date	Record	Previous record
October 1, 2024	84°F	82°F in 2011, 1987
October 2, 2024	86°F	83°F in 1997
October 3, 2024	82°F	81°F in 1987
October 4, 2024	81°F	79°F in 2007
October 5, 2024	80°F (tied)	80°F in 1993
October 6, 2024	80°F	77°F in 1996
October 8, 2024	81°F	79°F in 2023

Data are from NOAA Regional Climate Centers and are **preliminary**.

October 9, 2024	79°F	78°F in 2023
October 10, 2024	78°F	76°F in 1934
October 11, 2024	78°F	76°F in 1991, 1980
October 13, 2024	75°F (tied)	75°F in 2015, 2003

November

Date	Record	Previous record
November 27, 2024	59°F (tied)	59°F in 2002

December

Date	Record	Previous record
December 7, 2024	55°F (tied)	55°F in 1995

Phoenix Precipitation Records 2024

2 records set

January

Date	Record	Previous record
January 23, 2024	0.41''	0.25'' in 1967

March

Date	Record	Previous record
March 31, 2024	0.50''	0.27'' in 1949

Total records set: 63

Total records tied: 20

Data are from NOAA Regional Climate Centers and are **preliminary**.

Tucson Climate Statistics

2024

2024 ranked as the 3rd hottest year on record (09/01/1894 to present). With 11.52 inches of precipitation, it ranked as the 58th wettest year on record.

Total 2024 Precipitation: 11.52"
Normal Annual Precipitation: 10.61"
Departure from Normal: +0.91"
Greatest 24-Hr Precip: 1.83" on July 25

Avg Max Temp: 86.4°F Normal: 84.0°F
Avg Min Temp: 58.3°F Normal: 57.3°F
Avg Mean Temp: 72.4°F Normal: 70.6°F

Greatest Annual Precipitation: 24.17" in 1905
Least Annual Precipitation: 4.17" in 2020

Highest Yearly Avg Temp: 73.2°F in 2017
Lowest Yearly Avg Temp: 65.0°F in 1912, 1905*

Greatest Annual Snowfall: 8.3" in 1987
Least Annual Snowfall: 0.0" in 2024
and numerous other years

Highest Temp this year: 112°F on July 8
Lowest Temp this year: 28°F on January 9

Highest Wind Speed: 52 mph from 120° on June 21
Highest Peak Gust: 73 mph from 120° on June 21

Highest Temp on record: 117°F on 6/26/1990
Lowest Temp on record: 6°F on 1/7/1913

*Missing data on 7/4/1912, 2/13/1905

Data are from NOAA Regional Climate Centers and are **preliminary**.

Tucson Number of Days of:

Minimum Temp 32°F or lower	4
Maximum Temp 90°F or higher	175
Maximum Temp 100°F or higher	112
Maximum Temp 110°F or higher	6
Measurable Precipitation (0.01" or greater)	46
Trace Precipitation (less than 0.01")	20

Normals on this page are from 1991-2020

Weather Conditions, Number of Days of:

Thunderstorm (with and without precip)	54
Heavy rain	19
Rain	20
Light rain	49
Fog or Mist	21
Smoke or Haze	30

Tucson Highest Maximum Temperature Records 2024

29 records set, 5 records tied

June

Date	Record	Previous record
June 7, 2024	109°F (tied)	109°F in 1985

July

Date	Record	Previous record
July 5, 2024	111°F (tied)	111°F in 2018, 1992, 1983
July 8, 2024	112°F	111°F in 1994, 1920
July 9, 2024	111°F	110°F in 1979
July 10, 2024	110°F	109°F in 2021, 2019, 1979, 1958, 1934

September

Date	Record	Previous record
September 25, 2024	105°F	104°F in 1899
September 26, 2024	105°F	104°F in 2023, 1899
September 27, 2024	108°F	103°F in 2023
September 28, 2024	108°F	103°F in 1994
September 29, 2024	104°F	101°F in 2010, 2009, 2000, 1917
September 30, 2024	105°F	104°F in 2010

October

Date	Record	Previous record
October 1, 2024	105°F	103°F in 2020
October 3, 2024	103°F	102°F in 1993
October 4, 2024	106°F	102°F in 2020
October 5, 2024	105°F	101°F in 2020, 1917
October 6, 2024	105°F	101°F in 2023, 1987, 1934, 1929, 1928
October 7, 2024	104°F	101°F in 2020, 1987
October 8, 2024	103°F	101°F in 1910
October 9, 2024	102°F	100°F in 1996
October 10, 2024	101°F	99°F in 1996
October 11, 2024	101°F	99°F in 1950, 1936

Data are from NOAA Regional Climate Centers and are **preliminary**.

October 12, 2024	101°F	99°F in 1998, 1992
October 13, 2024	101°F	99°F in 2020, 1998
October 22, 2024	96°F (tied)	96°F in 2016
October 23, 2024	99°F	96°F in 2017
October 25, 2024	97°F	95°F in 2017, 2014
October 26, 2024	99°F	96°F in 2001
October 27, 2024	98°F	97°F in 2016

December

Date	Record	Previous record
December 16, 2024	79°F (tied)	79°F in 1980, 1969, 1939
December 18, 2024	82°F	80°F in 2023, 1950
December 19, 2024	82°F	81°F in 1917
December 20, 2024	82°F	80°F in 2003, 1921
December 21, 2024	83°F	80°F in 1917
December 24, 2024	79°F (tied)	79°F in 1936

Tucson Highest Minimum Temperature Records 2024

8 records set, 2 records tied

February

Date	Record	Previous record
February 26, 2024	61°F	59°F in 1921
February 27, 2024	57°F	54°F in 1968, 1938, 1905

August

Date	Record	Previous record
August 10, 2024	83°F (tied)	83°F in 1915
August 17, 2024	80°F (tied)	80°F in 2020, 2015, 2010, 1951

September

Date	Record	Previous record
September 6, 2024	86°F	84°F in 2020
September 7, 2024	83°F	81°F in 2019
September 8, 2024	80°F	79°F in 2020, 1979, 1935
September 29, 2024	79°F	76°F in 1992

Data are from NOAA Regional Climate Centers and are preliminary.

October

Date	Record	Previous record
October 1, 2024	73°F	72°F in 2011, 1997, 1914
October 2, 2024	75°F	74°F in 1997

Tucson Lowest Maximum Temperature Records 2024

1 record set

April

Date	Record	Previous record
April 1, 2024	55°F	56°F in 1949

Tucson Precipitation Records 2024

3 records set

January

Date	Record	Previous record
January 21, 2024	0.81''	0.40'' in 1982, 1933
January 23, 2024	0.60''	0.56'' in 1985

July

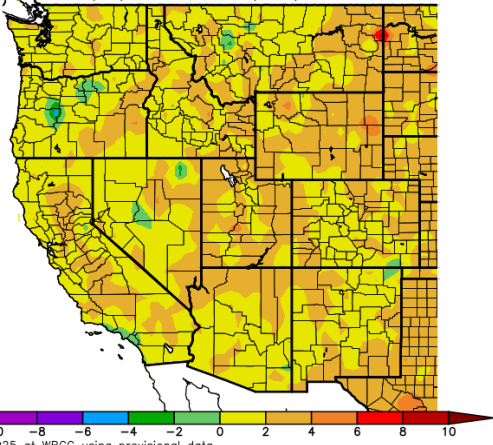
Date	Record	Previous record
July 25, 2024	1.83''	1.50'' in 2021

Total records set: 41

Total records tied: 7

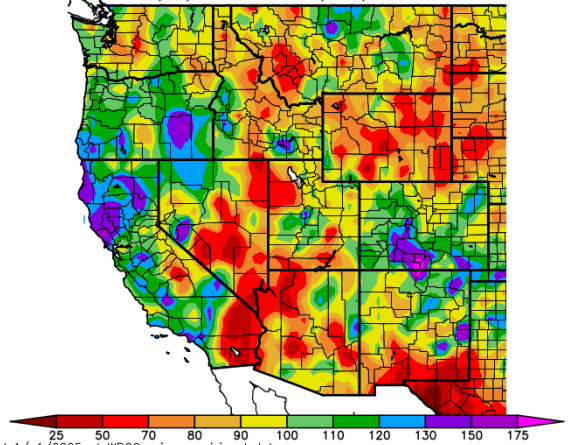
Data are from NOAA Regional Climate Centers and are **preliminary**.

Ave. Temperature dep from Ave (deg F)
1/1/2024 - 12/31/2024



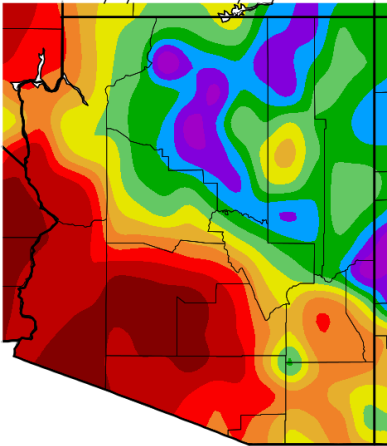
Generated 1/ 1/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Percent of Average Precipitation (%)
1/1/2024 - 12/31/2024



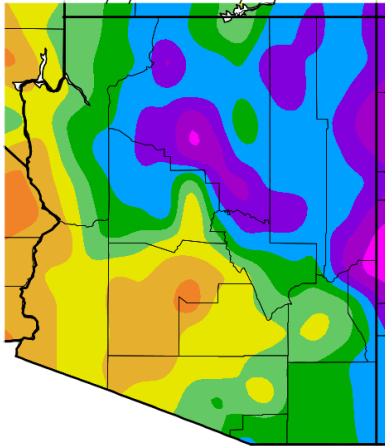
Generated 1/ 1/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Av. Max. Temperature (deg. F)
1/1/2024 - 12/31/2024



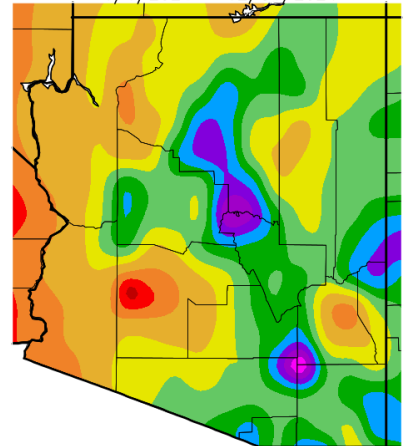
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NOAA Regional Climate Centers

Av. Min. Temperature (deg. F)
1/1/2024 - 12/31/2024



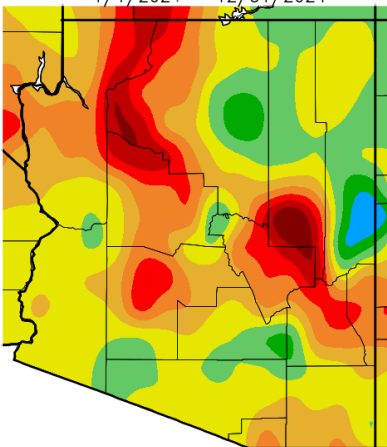
Generated 1/ 1/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Total Precipitation (in.)
1/1/2024 - 12/31/2024



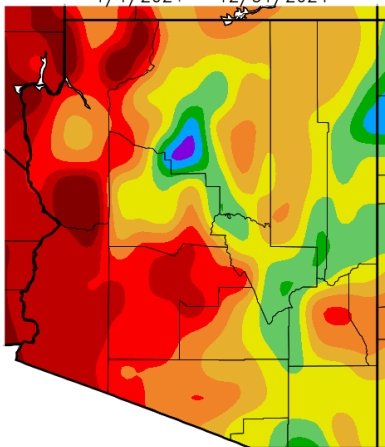
Generated 1/ 1/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Precipitation Departure from Average (in.)
1/1/2024 - 12/31/2024



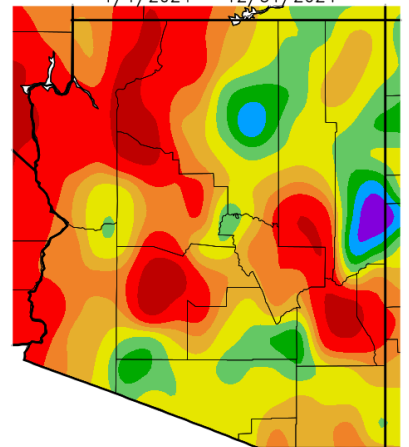
Generated 1/ 1/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Precipitation # Days > 0.01"
1/1/2024 - 12/31/2024



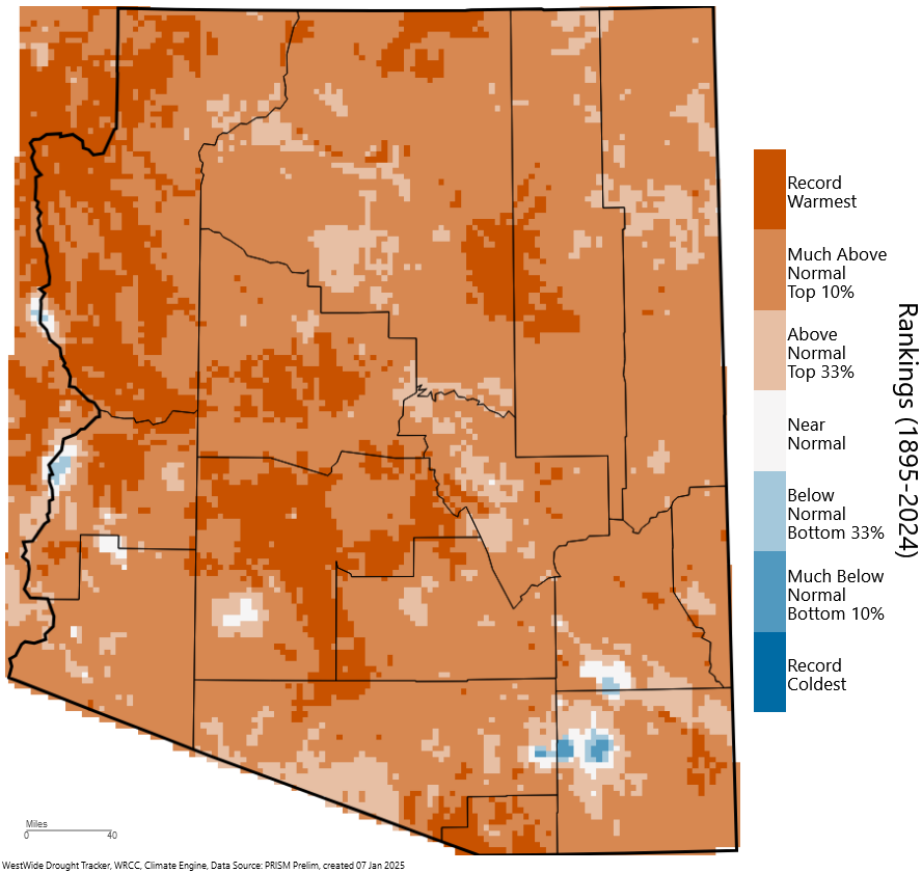
Generated 1/ 1/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Percent of Average Precipitation (%)
1/1/2024 - 12/31/2024



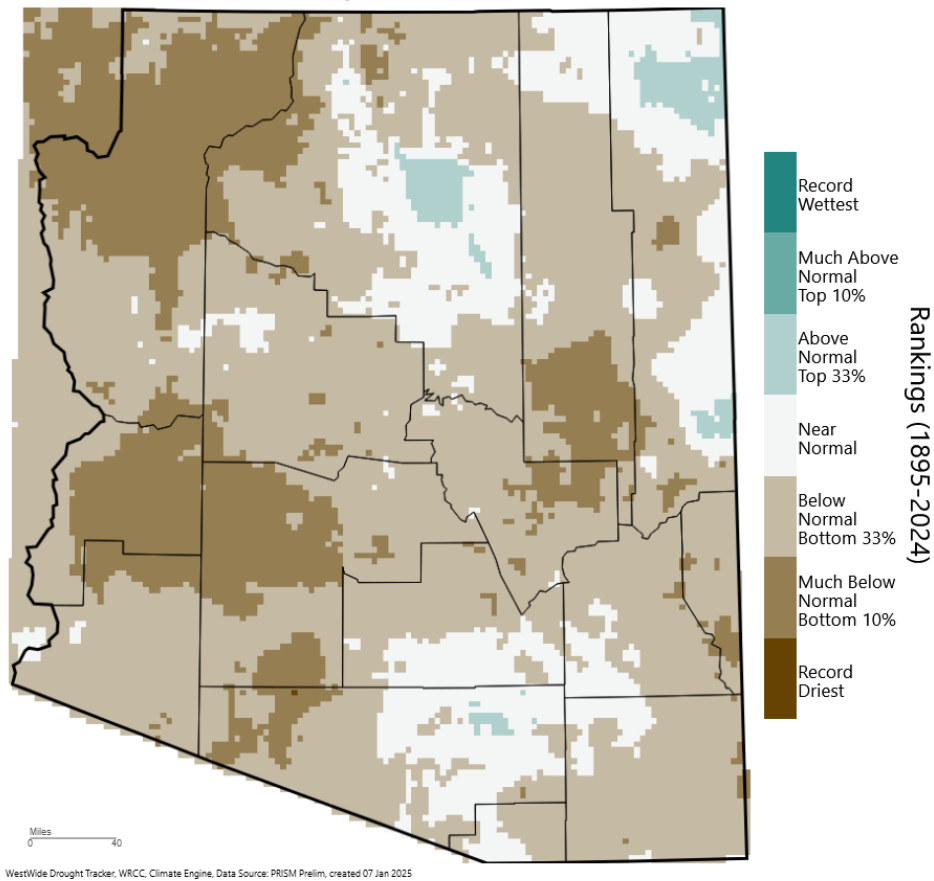
Generated 1/ 1/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Arizona - Mean Temperature January - December 2024, Percentile



Temperatures across the state were much above normal in 2024, with Mohave County tying as their hottest year on record. Coconino, Navajo, and Yavapai counties all ranked within their top 3 hottest years on record, while La Paz, Pima, Santa Cruz, and Yuma counties each tied within their top 3 hottest years on record.

Arizona - Precipitation January - December 2024, Percentile



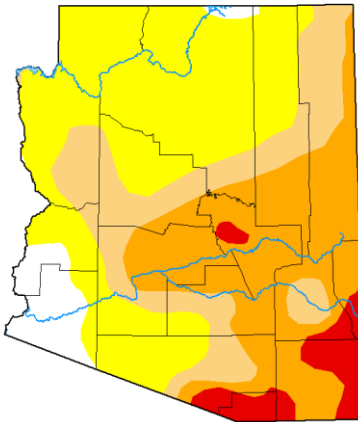
Precipitation amounts for 2024 were below normal to much below normal across much of the state, with portions of Apache, Coconino, and Pima counties receiving near normal to above normal precipitation.

Short-term Drought

January 2

February 6

U.S. Drought Monitor Arizona



January 2, 2024
(Released Thursday, Jan. 4, 2024)
Valid 7 a.m. EST

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	5.62	94.38	53.37	33.54	5.75	0.00
Last Week 12-26-2023	10.98	89.02	53.37	33.54	5.75	0.00
3 Months Ago 10-03-2023	8.12	91.88	50.63	28.02	6.09	0.00
Start of Calendar Year 01-01-2024	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year 09-30-2023	8.12	91.88	47.06	22.74	5.34	0.00
One Year Ago 01-03-2023	12.40	87.60	38.94	7.85	0.00	0.00

Intensity:
 None
 D0 Abnormally Dry
 D1 Moderate Drought
 D2 Severe Drought
 D3 Extreme Drought
 D4 Exceptional Drought

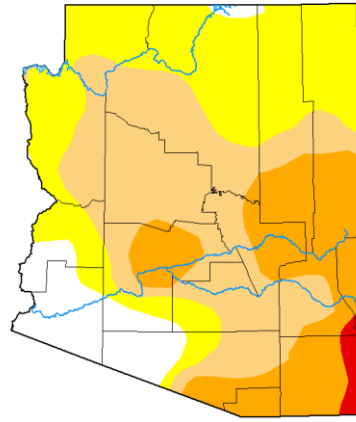
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
Lindsay Johnson
National Drought Mitigation Center



droughtmonitor.unl.edu

U.S. Drought Monitor Arizona



February 6, 2024
(Released Thursday, Feb. 8, 2024)
Valid 7 a.m. EST

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	10.24	89.76	57.83	23.19	1.83	0.00
Last Week 01-30-2024	10.24	89.76	62.65	30.23	1.83	0.00
3 Months Ago 10-07-2023	8.18	91.82	57.19	34.84	6.09	0.00
Start of Calendar Year 01-01-2024	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year 09-30-2023	8.12	91.88	47.06	22.74	5.34	0.00
One Year Ago 01-07-2023	42.37	57.63	21.33	1.10	0.00	0.00

Intensity:
 None
 D0 Abnormally Dry
 D1 Moderate Drought
 D2 Severe Drought
 D3 Extreme Drought
 D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
Deborah Blalock
National Drought Mitigation Center

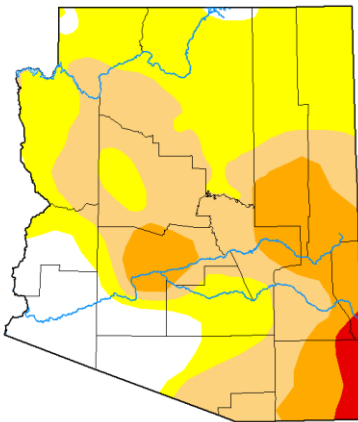


droughtmonitor.unl.edu

March 5

April 2

U.S. Drought Monitor Arizona



March 5, 2024
(Released Thursday, Mar. 7, 2024)
Valid 7 a.m. EST

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	13.54	86.46	48.58	17.05	1.83	0.00
Last Week 02-27-2024	13.53	86.47	48.58	18.12	1.83	0.00
3 Months Ago 12-05-2023	8.18	91.82	57.19	34.97	6.09	0.00
Start of Calendar Year 01-01-2024	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year 09-30-2023	8.12	91.88	47.06	22.74	5.34	0.00
One Year Ago 03-07-2023	97.64	32.36	13.09	0.36	0.00	0.00

Intensity:
 None
 D0 Abnormally Dry
 D1 Moderate Drought
 D2 Severe Drought
 D3 Extreme Drought
 D4 Exceptional Drought

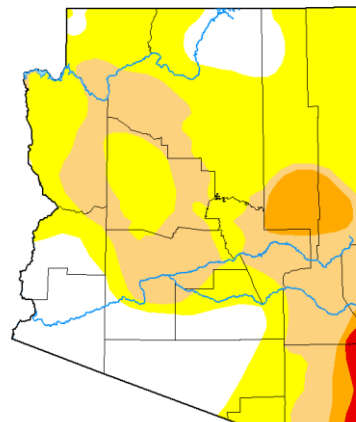
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
Curtis Riganti
National Drought Mitigation Center



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U.S. Drought Monitor Arizona



April 2, 2024
(Released Thursday, Apr. 4, 2024)
Valid 8 a.m. EDT

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	21.78	78.22	33.66	6.70	1.81	0.00
Last Week 03-26-2024	17.42	82.58	42.56	13.10	1.81	0.00
3 Months Ago 01-03-2024	5.62	94.38	53.37	33.54	5.75	0.00
Start of Calendar Year 01-01-2024	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year 09-30-2023	8.12	91.88	47.06	22.74	5.34	0.00
One Year Ago 04-04-2023	81.37	18.63	7.50	0.00	0.00	0.00

Intensity:
 None
 D0 Abnormally Dry
 D1 Moderate Drought
 D2 Severe Drought
 D3 Extreme Drought
 D4 Exceptional Drought

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Author:
Brad Pugh
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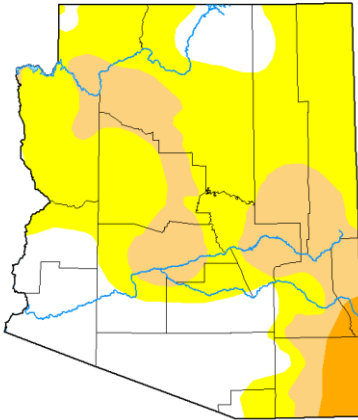


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May 7

June 4

U.S. Drought Monitor
Arizona



May 7, 2024
(Released Thursday, May 9, 2024)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)						
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	
Current	25.82	74.18	25.31	3.15	0.00	0.00	
Last Week 04-30-2024	25.82	74.18	25.31	3.15	0.00	0.00	
3 Months Ago 02-06-2024	10.24	89.76	57.83	23.19	1.83	0.00	
Start of Calendar Year 01-01-2024	5.02	94.38	53.37	33.54	5.75	0.00	
Start of Water Year 09-26-2023	8.12	91.88	47.06	22.74	5.34	0.00	
One Year Ago 05-09-2023	82.05	17.95	1.46	0.00	0.00	0.00	

Intensity:
 None (white), D0 Abnormally Dry (yellow), D1 Moderate Drought (orange), D2 Severe Drought (dark orange), D3 Extreme Drought (red), D4 Exceptional Drought (dark red)

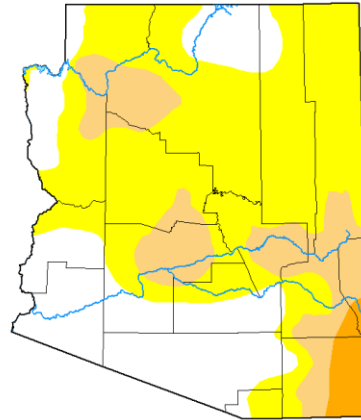
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Author:
Curtis Riganti
National Drought Mitigation Center



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U.S. Drought Monitor
Arizona



June 4, 2024
(Released Thursday, Jun. 6, 2024)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)						
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	
Current	28.64	71.36	20.02	3.15	0.00	0.00	
Last Week 05-28-2024	28.63	71.37	20.02	3.15	0.00	0.00	
3 Months Ago 03-05-2024	13.54	86.46	48.58	17.05	1.83	0.00	
Start of Calendar Year 01-01-2024	5.02	94.38	53.37	33.54	5.75	0.00	
Start of Water Year 09-26-2023	8.12	91.88	47.06	22.74	5.34	0.00	
One Year Ago 06-06-2023	82.08	17.92	1.46	0.00	0.00	0.00	

Intensity:
 None (white), D0 Abnormally Dry (yellow), D1 Moderate Drought (orange), D2 Severe Drought (dark orange), D3 Extreme Drought (red), D4 Exceptional Drought (dark red)

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Author:
Brad Pugh
CPC/NOAA

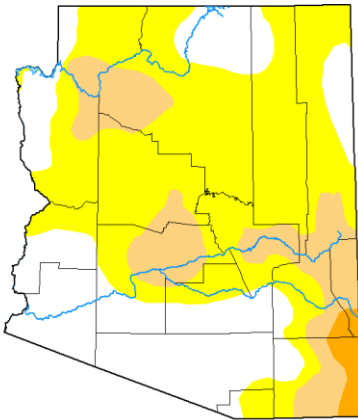


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July 2

August 6

U.S. Drought Monitor
Arizona



July 2, 2024
(Released Wednesday, Jul. 3, 2024)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)						
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	
Current	31.87	68.13	18.36	1.92	0.00	0.00	
Last Week 06-25-2024	29.83	70.17	18.37	2.78	0.00	0.00	
3 Months Ago 04-02-2024	21.78	78.22	33.66	6.70	1.81	0.00	
Start of Calendar Year 01-01-2024	5.02	94.38	53.37	33.54	5.75	0.00	
Start of Water Year 09-26-2023	8.12	91.88	47.06	22.74	5.34	0.00	
One Year Ago 07-04-2023	83.41	16.59	1.46	0.00	0.00	0.00	

Intensity:
 None (white), D0 Abnormally Dry (yellow), D1 Moderate Drought (orange), D2 Severe Drought (dark orange), D3 Extreme Drought (red), D4 Exceptional Drought (dark red)

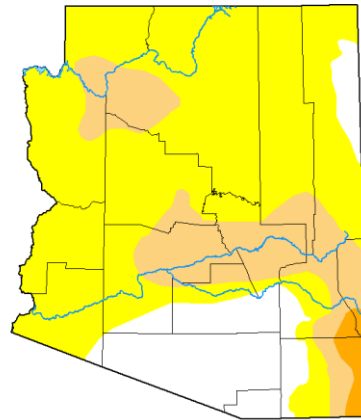
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
Adam Hartman
NOAA/NWS/NCEP/CPC



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U.S. Drought Monitor
Arizona



August 6, 2024
(Released Thursday, Aug. 8, 2024)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)						
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	
Current	17.20	82.80	20.84	1.92	0.00	0.00	
Last Week 07-30-2024	33.69	66.31	18.36	1.92	0.00	0.00	
3 Months Ago 05-07-2024	25.82	74.18	25.31	3.15	0.00	0.00	
Start of Calendar Year 01-01-2024	5.02	94.38	53.37	33.54	5.75	0.00	
Start of Water Year 09-26-2023	8.12	91.88	47.06	22.74	5.34	0.00	
One Year Ago 08-08-2023	14.66	85.34	28.81	0.00	0.00	0.00	

Intensity:
 None (white), D0 Abnormally Dry (yellow), D1 Moderate Drought (orange), D2 Severe Drought (dark orange), D3 Extreme Drought (red), D4 Exceptional Drought (dark red)

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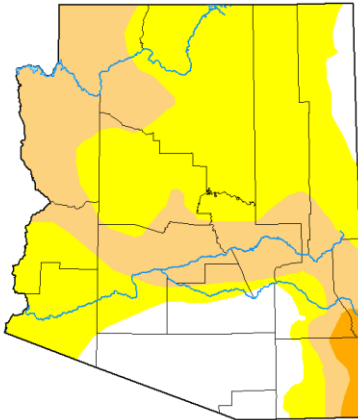
Author:
David Simeral
Western Regional Climate Center



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September 3

U.S. Drought Monitor Arizona



September 3, 2024
(Released Thursday, Sep. 5, 2024)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	17.86	82.14	31.92	1.92	0.00	0.00
Last Week 08-27-2024	17.38	82.62	20.84	1.92	0.00	0.00
3 Months Ago 06-04-2024	28.64	71.36	20.02	3.15	0.00	0.00
Start of Calendar Year 01-01-2024	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year 09-26-2023	8.12	91.88	47.06	22.74	5.34	0.00
One Year Ago 09-03-2023	8.08	90.92	47.06	18.18	0.00	0.00

Intensity

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

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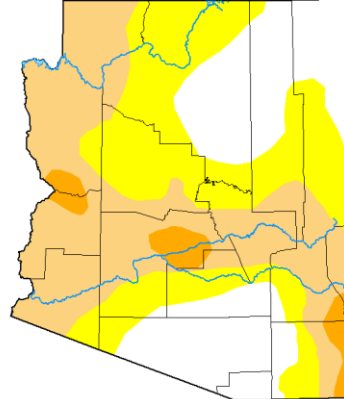
Author:
Lindsay Johnson
National Drought Mitigation Center



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September 24

U.S. Drought Monitor Arizona



September 24, 2024
(Released Thursday, Sep. 26, 2024)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	27.62	72.38	39.91	4.61	0.00	0.00
Last Week 09-17-2024	27.62	72.38	39.91	4.61	0.00	0.00
3 Months Ago 06-20-2024	29.83	70.17	18.37	2.78	0.00	0.00
Start of Calendar Year 01-01-2024	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year 09-26-2023	8.12	91.88	47.06	22.74	5.34	0.00
One Year Ago 09-26-2023	8.12	91.88	47.06	22.74	5.34	0.00

Intensity

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

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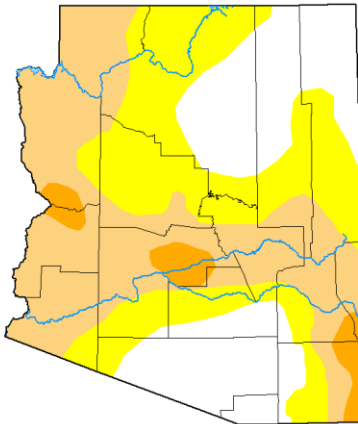
Author:
Brad Rippey
U.S. Department of Agriculture



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October 1

U.S. Drought Monitor Arizona



October 1, 2024
(Released Thursday, Oct. 3, 2024)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	27.62	72.38	39.91	4.61	0.00	0.00
Last Week 09-24-2024	27.62	72.38	39.91	4.61	0.00	0.00
3 Months Ago 07-02-2024	31.87	68.13	18.36	1.92	0.00	0.00
Start of Calendar Year 01-01-2024	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year 09-26-2023	8.12	91.88	47.06	22.74	5.34	0.00
One Year Ago 09-03-2023	8.12	91.88	50.63	28.02	6.09	0.00

Intensity

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

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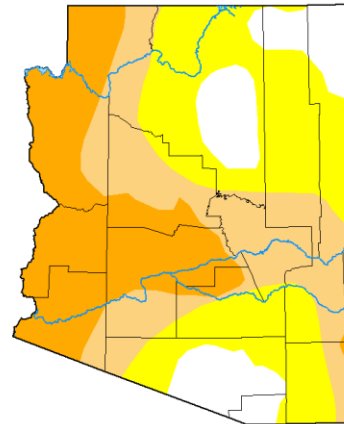
Author:
Richard Tinker
CPC/NOAA/NWS/NCEP



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October 29

U.S. Drought Monitor Arizona



October 29, 2024
(Released Thursday, Oct. 31, 2024)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	14.47	85.53	52.55	26.89	0.00	0.00
Last Week 10-22-2024	14.49	85.51	52.17	26.89	0.00	0.00
3 Months Ago 07-30-2024	33.69	66.31	18.36	1.92	0.00	0.00
Start of Calendar Year 01-01-2024	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year 09-26-2023	27.62	72.38	39.91	4.61	0.00	0.00
One Year Ago 09-26-2023	8.12	91.88	50.63	28.02	6.09	0.00

Intensity

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

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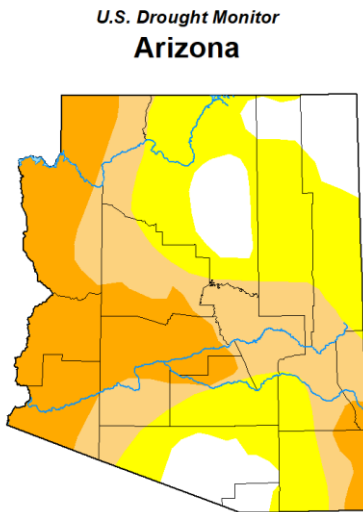
Author:
Brian Fuchs
National Drought Mitigation Center



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November 5

November 26



November 5, 2024
(Released Thursday, Nov. 7, 2024)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

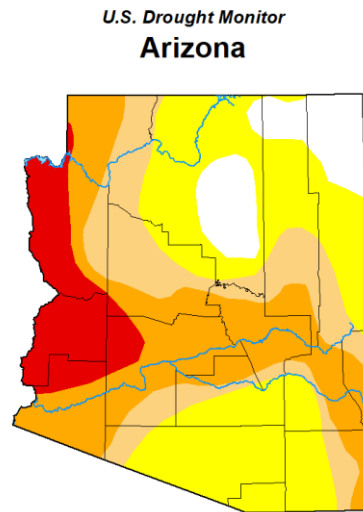
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	14.45	85.55	52.56	26.89	0.00	0.00
Last Week	14.47	85.53	52.55	26.89	0.00	0.00
3 Months Ago	17.20	82.80	20.84	1.92	0.00	0.00
Start of Calendar Year	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year	27.62	72.38	39.91	4.61	0.00	0.00
One Year Ago	8.18	91.82	57.19	34.84	6.09	0.00

Intensity:
 None (White), D0 Abnormally Dry (Yellow), D1 Moderate Drought (Light Orange), D2 Severe Drought (Orange), D3 Extreme Drought (Red), D4 Exceptional Drought (Dark Red)

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Author:
Brian Fuchs
National Drought Mitigation Center

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November 26, 2024
(Released Wednesday, Nov. 27, 2024)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	9.47	90.53	56.04	37.19	11.19	0.00
Last Week	14.44	85.56	56.04	29.18	8.34	0.00
3 Months Ago	17.38	82.62	20.84	1.92	0.00	0.00
Start of Calendar Year	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year	27.62	72.38	39.91	4.61	0.00	0.00
One Year Ago	8.18	91.82	57.19	34.97	6.09	0.00

Intensity:
 None (White), D0 Abnormally Dry (Yellow), D1 Moderate Drought (Light Orange), D2 Severe Drought (Orange), D3 Extreme Drought (Red), D4 Exceptional Drought (Dark Red)

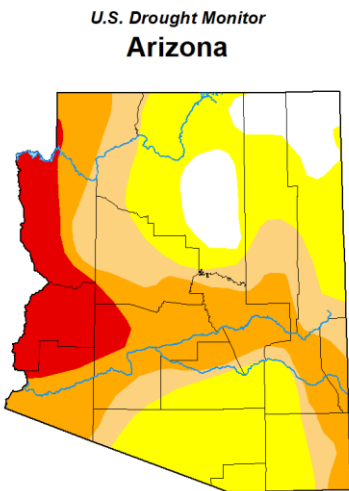
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Author:
David Simeral
Western Regional Climate Center

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December 3

December 31



December 3, 2024
(Released Thursday, Dec. 5, 2024)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

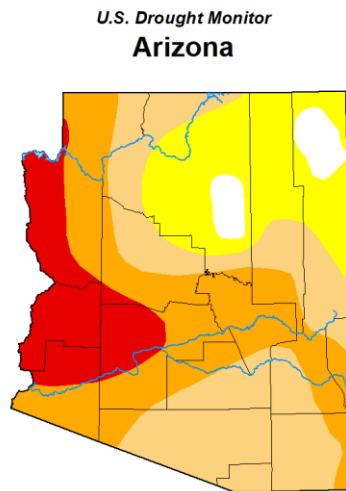
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	9.16	90.84	56.37	37.19	11.19	0.00
Last Week	9.47	90.53	56.04	37.19	11.19	0.00
3 Months Ago	17.85	82.14	21.92	1.92	0.00	0.00
Start of Calendar Year	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year	27.62	72.38	39.91	4.61	0.00	0.00
One Year Ago	8.18	91.82	57.19	34.97	6.09	0.00

Intensity:
 None (White), D0 Abnormally Dry (Yellow), D1 Moderate Drought (Light Orange), D2 Severe Drought (Orange), D3 Extreme Drought (Red), D4 Exceptional Drought (Dark Red)

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Author:
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Western Regional Climate Center

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December 31, 2024
(Released Wednesday, Jan. 1, 2025)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	3.74	96.26	75.57	43.98	14.03	0.00
Last Week	8.35	91.65	56.37	37.19	11.19	0.00
3 Months Ago	27.62	72.38	39.91	4.61	0.00	0.00
Start of Calendar Year	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year	27.62	72.38	39.91	4.61	0.00	0.00
One Year Ago	5.62	94.38	53.37	33.54	5.75	0.00

Intensity:
 None (White), D0 Abnormally Dry (Yellow), D1 Moderate Drought (Light Orange), D2 Severe Drought (Orange), D3 Extreme Drought (Red), D4 Exceptional Drought (Dark Red)

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Author:
Rocky Bilotta
NCEI/NOAA

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Percent of Statewide Area Change in Short-term Drought

Category	January 2, 2024	December 31, 2024	Change
No Drought	6	4	-2
D0 – Abnormally Dry	41	20	-21
D1 – Moderate Drought	20	33	+13
D2 – Severe Drought	28	30	+2
D3 – Extreme Drought	6	14	+8
D4 – Exceptional Drought	0	0	0

Periods of Record for Weather Stations

From xmACIS2¹

Dates are written as MM/DD/YYYY

Alpine: 10/01/1904 to present (121 years – precipitation)
01/01/1912 to present (113 years – temperature)

Anvil Ranch: 12/01/1942 to present (83 years)

Apache Junction: 05/01/1987 to present (38 years)

Bellefont: 11/01/1999 to present (26 years)

Carefree: 11/01/1961 to present (64 years)

East Mesa: 07/13/2002 to present (23 years)

Flagstaff: 09/10/1898 to present (127 years)

Green Valley: 05/01/1988 to present (37 years – precipitation)
05/01/1998 to present (27 years – temperature)

Kingman: 05/12/1901 to present (124 years)

Paradise: 01/01/1906 to present (119 years – precipitation)
01/10/1906 to present (119 years – temperature)

Phoenix: 08/06/1895 to present (130 years)

Picacho: 12/01/1987 to present (38 years)

Saint Johns: 08/26/1901 to present (124 years)

Sasabe: 02/12/1959 to present (66 years)

Seligman: 12/01/1904 to present (121 years)

Show Low: 03/10/1984 to present (41 years)

Sierra Vista: 03/01/1982 to present (43 years)

Tacna: 02/01/1969 to present (56 years)

Tucson: 09/01/1894 to present (131 years)

Winslow: 01/01/1915 to present (110 years)

Youngtown: 10/01/1964 to present (61 years)

Yuma: 01/01/1876 to present (149 years – precipitation)
01/01/1878 to present (147 years – maximum temperature)
02/09/1878 to present (147 years – minimum temperature)

¹xmACIS2: <https://xmacis.rcc-acis.org/>

Definitions of Weather Conditions

From the American Meteorological Society's *Glossary of Meteorology*²

Dust storm: <https://glossary.ametsoc.org/wiki/Duststorm>

Fog: <https://glossary.ametsoc.org/wiki/Fog>

Freezing rain: https://glossary.ametsoc.org/wiki/Freezing_rain

Haze: <https://glossary.ametsoc.org/wiki/Haze>

Mist: <https://glossary.ametsoc.org/wiki/Mist>

Rain: <https://glossary.ametsoc.org/wiki/Rain>

Smoke: <https://glossary.ametsoc.org/wiki/Smoke>

Snow: <https://glossary.ametsoc.org/wiki/Snow>

Thunderstorm: <https://glossary.ametsoc.org/wiki/Thunderstorm>

²AMS *Glossary of Meteorology*: <https://glossary.ametsoc.org/wiki/Welcome>

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