



Arizona Climate Summary

Summary of conditions for May 2025

Published June 19, 2025

May 2025 Summary

This May tied with 1952 and 2013 as the 30th hottest on record with above average temperatures across much of the state. A few weather disturbances brought a statewide average of 0.45 inches of precipitation, tying with 1901 as the 33rd wettest on record. Mohave County had their wettest May since 2019 with an average of 1.19 inches of precipitation (ranking as the 2nd wettest on record), while La Paz County experienced their wettest May since 2015 with an average of 0.41 inches of precipitation (tying with 1994 as the 4th wettest on record). For the water year to date (October-May), Arizona ranked as the 7th hottest and the 7th driest.

A weak low pressure system brought light rain showers to portions of northern Arizona from May 1-3. Natural Bridge State Park received 0.02 inches of precipitation, the Grand Canyon Airport and Prescott each received 0.01 inches of precipitation, and Kingman received a trace of precipitation.

From May 4-7, a stronger storm system triggered rain showers in several locations, including Tuzigoot National Monument (1.53 inches), Litchfield Park (1.13 inches), Teec Nos Pos (0.90 inches), Bellemont (0.82 inches), Kingman (0.81 inches), Youngtown (0.62 inches), Picacho (0.31 inches), Deer Valley (0.19 inches), and San Manuel (0.05 inches). On May 4, pea-sized hail (0.25 inches in diameter) was reported northwest of Litchfield Park, marble-sized hail (0.50 inches in diameter) was observed northwest of Florence Junction, and dime-sized hail (0.70 inches in diameter) was measured in Queen Valley. Flash flooding was reported on Highway 91 south of the Arizona/Utah border and northeast of Dolan Springs at Archibald Wash over Pierce Ferry Road. On May 5, 1.10 inches of rain falling in an hour was reported south-southeast of Deer Valley, and pea-sized hail (0.25 inches in diameter) was observed northwest of Deer Valley. On May 6, a tornado was observed north of Prescott Valley, where a small rotating debris field tore off a couple of roof shingles and threw a trash can into the air. In Mohave County, a running wash flooded Stockton Hill Road (located northeast of Dolan Springs) and made it impassable. Many other areas in Mohave County also experienced flash flooding, resulting in road closures. Quarter-sized hail (1.00 inches in diameter) fell at Fort Mohave, and dust storms occurred northwest of Valentine and along Route 66 in Hackberry (located west-southwest of Valentine). On May 7, Kingman set a new record for daily maximum rainfall (0.36 inches; previous record 0.24 inches in 1964).

On May 18, a trough brought rain showers to portions of northern Arizona, including Bright Angel (0.20 inches), Phantom Ranch (0.13 inches), and the Grand Canyon Airport (0.04 inches). On May 19, another trough brought an additional round of rain showers to portions of northern Arizona, including Teec Nos Pos (0.13 inches), Canyon de Chelly (0.10 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.

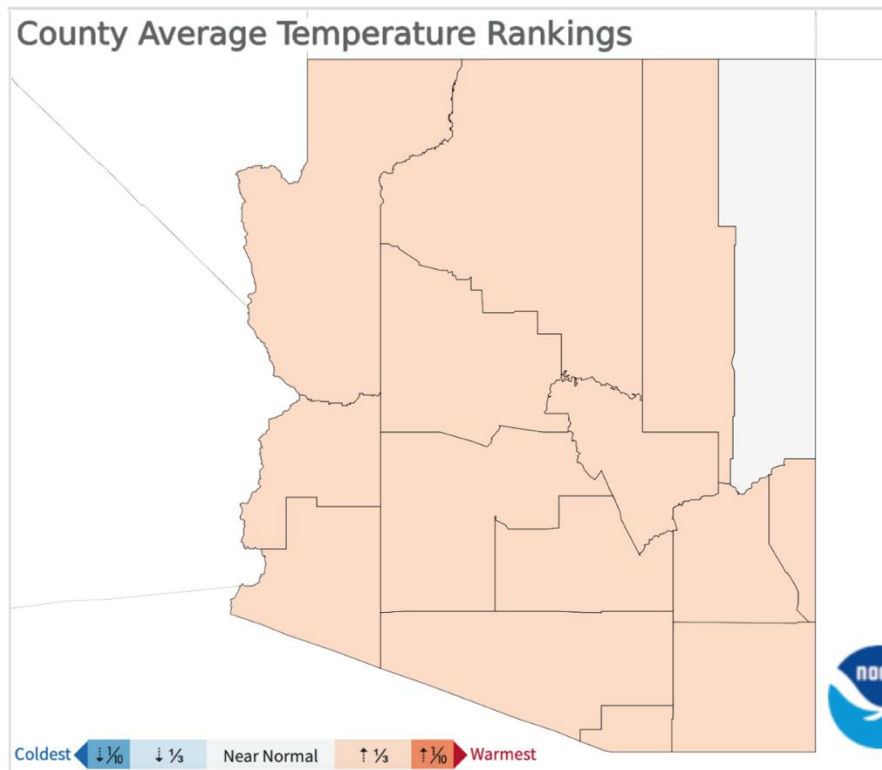
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Statewide Average Temperature per County

May 2025



The **average** state temperature for May was **67.4°F**, tying as the **30th hottest** May within the period of record. The **1895-2025 mean average** state temperature for May was **65.4°F**, resulting in an **anomaly** of **+2.0°F**.

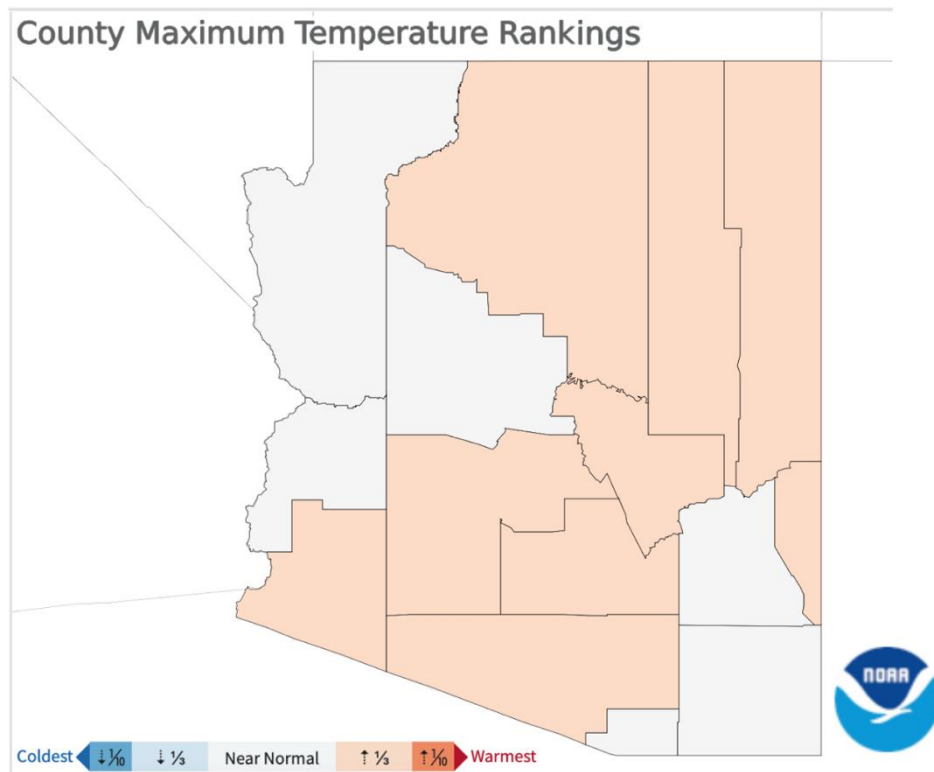
County	Average Temperature	Rank (131 Years)	Anomaly From the 1895-2025 mean
Apache	56.9°F	Tied 51 st hottest	+0.5°F
Cochise	68.0°F	Tied 37 th hottest	+1.4°F
Coconino	60.4°F	33 rd hottest	+2.1°F
Gila	66.1°F	30 th hottest	+2.0°F
Graham	68.0°F	Tied 35 th hottest	+1.5°F
Greenlee	62.6°F	Tied 43 rd hottest	+0.9°F
La Paz	78.8°F	Tied 29 th hottest	+2.5°F
Maricopa	77.5°F	Tied 26 th hottest	+2.5°F
Mohave	70.1°F	Tied 23 rd hottest	+2.7°F
Navajo	59.3°F	Tied 39 th hottest	+1.3°F
Pima	74.0°F	31 st hottest	+2.0°F
Pinal	76.2°F	30 th hottest	+2.4°F
Santa Cruz	66.8°F	32 nd hottest	+1.8°F
Yavapai	65.5°F	Tied 30 th hottest	+2.1°F
Yuma	78.5°F	Tied 25 th hottest	+2.4°F

Period of record: 1895-2025

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

Statewide Maximum Temperature per County

May 2025



The **average maximum** state temperature for May was **82.8°F**, tying as the **42nd hottest** May within the period of record. The **1895-2025 mean maximum** state temperature for May was **81.2°F**, resulting in an **anomaly** of **+1.6°F**.

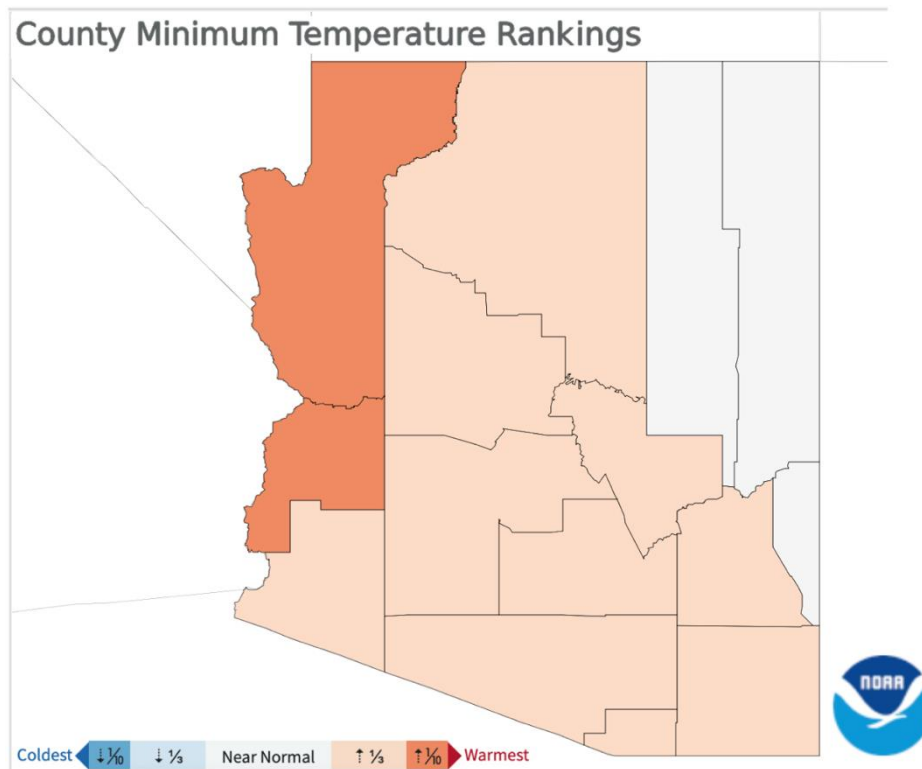
County	Maximum Temperature	Rank (131 Years)	Anomaly From the 1895-2025 mean
Apache	73.7°F	Tied 39 th hottest	+1.2°F
Cochise	84.2°F	Tied 56 th hottest	+0.5°F
Coconino	75.9°F	Tied 39 th hottest	+1.9°F
Gila	82.0°F	Tied 33 rd hottest	+2.2°F
Graham	82.7°F	53 rd hottest	+0.8°F
Greenlee	78.5°F	44 th hottest	+1.2°F
La Paz	92.7°F	Tied 50 th hottest	+1.2°F
Maricopa	92.9°F	43 rd hottest	+2.0°F
Mohave	83.1°F	49 th hottest	+1.6°F
Navajo	76.0°F	Tied 37 th hottest	+1.7°F
Pima	90.3°F	Tied 39 th hottest	+1.7°F
Pinal	91.6°F	Tied 43 rd hottest	+1.7°F
Santa Cruz	83.1°F	Tied 48 th hottest	+1.1°F
Yavapai	80.8°F	Tied 49 th hottest	+1.4°F
Yuma	94.7°F	Tied 29 th hottest	+2.3°F

Period of record: 1895-2025

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

Statewide Minimum Temperature per County

May 2025



The **average minimum** state temperature for May was **51.8°F**, tying as the **24th hottest** May within the period of record. The **1895-2025 mean minimum** state temperature for May was **49.6°F**, resulting in an **anomaly of +2.2°F**.

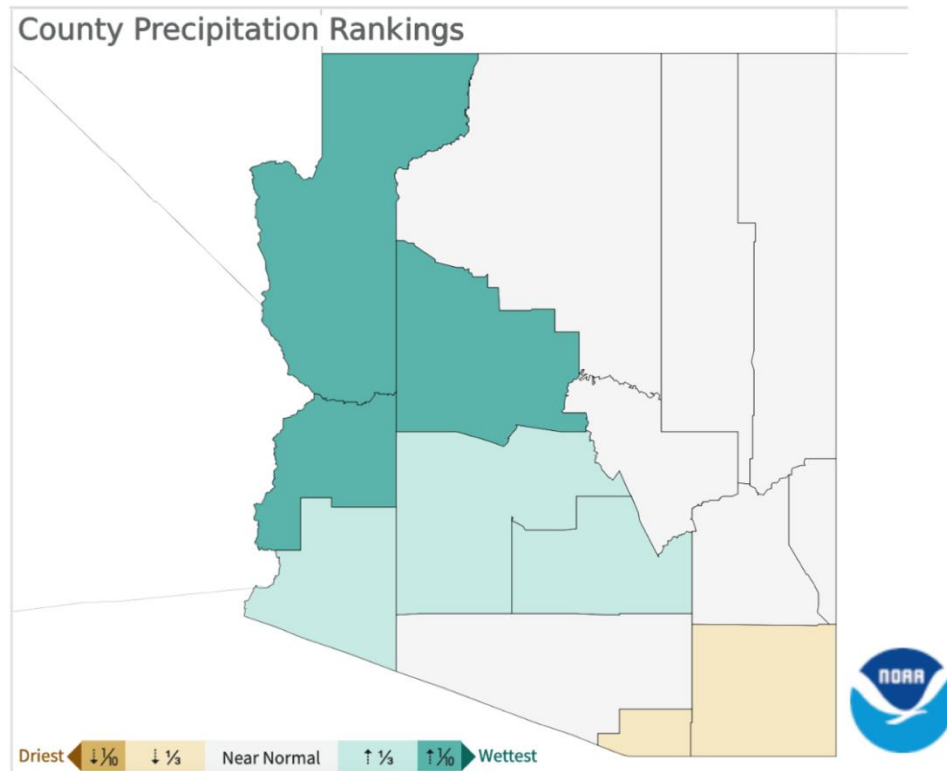
County	Minimum Temperature	Rank (131 Years)	Anomaly From the 1895-2025 mean
Apache	40.0°F	Tied 64 th coldest	-0.2°F
Cochise	51.8°F	Tied 24 th hottest	+2.2°F
Coconino	44.8°F	24 th hottest	+2.3°F
Gila	50.2°F	36 th hottest	+1.8°F
Graham	53.3°F	27 th hottest	+2.3°F
Greenlee	46.8°F	Tied 48 th hottest	+0.8°F
La Paz	64.9°F	Tied 11 th hottest	+3.8°F
Maricopa	62.1°F	20 th hottest	+3.1°F
Mohave	57.0°F	Tied 10 th hottest	+3.7°F
Navajo	42.6°F	Tied 49 th hottest	+0.9°F
Pima	57.8°F	Tied 23 rd hottest	+2.5°F
Pinal	60.8°F	Tied 18 th hottest	+3.0°F
Santa Cruz	50.6°F	Tied 17 th hottest	+2.6°F
Yavapai	50.2°F	19 th hottest	+2.7°F
Yuma	62.4°F	Tied 22 nd hottest	+2.5°F

Period of record: 1895-2025

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

Statewide Total Precipitation per County

May 2025



The **average state precipitation** for May was **0.45 inches**, tying as the **33rd wettest** May within the period of record. The **1895-2025 mean state precipitation** for May was **0.32 inches**, resulting in an **anomaly** of **+0.13 inches**.

County	Precipitation	Rank (131 Years)	Anomaly From the 1895-2025 mean
Apache	0.44"	63 rd wettest	-0.06"
Cochise	0.02"	Tied 33 rd driest	-0.19"
Coconino	0.53"	Tied 50 th wettest	+0.03"
Gila	0.29"	Tied 63 rd driest	-0.17"
Graham	0.08"	Tied 52 nd driest	-0.22"
Greenlee	0.16"	Tied 50 th driest	-0.24"
La Paz	0.41"	Tied 4 th wettest	+0.34"
Maricopa	0.28"	21 st wettest	+0.15"
Mohave	1.19"	2 nd wettest	+0.86"
Navajo	0.36"	Tied 59 th wettest	-0.07"
Pima	0.13"	Tied 46 th wettest	-0.02"
Pinal	0.23"	42 nd wettest	+0.02"
Santa Cruz	0.01"	Tied 36 th driest	-0.20"
Yavapai	1.00"	11 th wettest	+0.62"
Yuma	0.05"	Tied 23 rd wettest	+0.02"

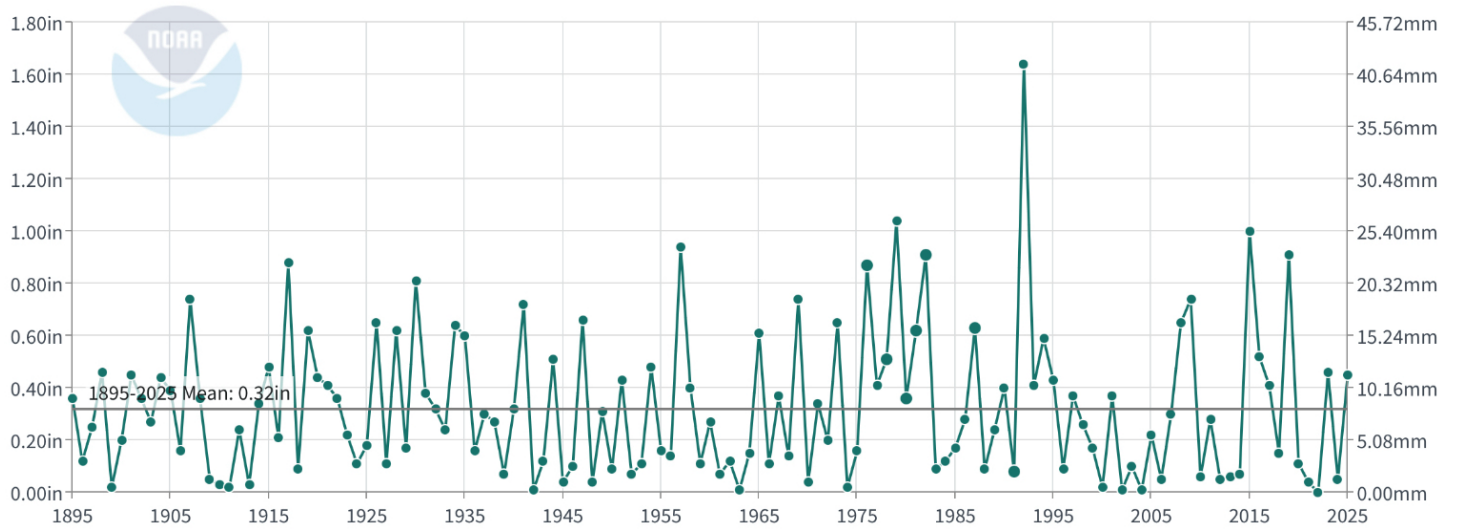
Period of record: 1895-2025

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

May Statewide Precipitation (1895 to date)

Arizona Precipitation

May



Period of record: 1895-2025

This chart shows average Arizona precipitation each May through the period of record (1895 to present). May 2025 tied as the **33rd wettest** with an average of **0.45 inches**, which is **0.13 inches above the 1895-2025 average of 0.32 inches**.

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

Flagstaff Climate Statistics

May 2025

This tied as the 32nd hottest May on record (9/10/1898 to present). With 0.37 inches of precipitation, it tied as the 54th driest May on record.

Total May Precipitation: 0.37''
Normal May Precipitation: 0.77''
Departure from Normal: -0.40''
Greatest 24-Hr Precip: 0.21'' on 5th

Avg Max Temp: 69.3°F Normal: 68.1°F
Avg Min Temp: 35.9°F Normal: 34.6°F
Avg Mean Temp: 52.6°F Normal: 51.3°F

Total Precipitation Year-to-Date: 5.76''
Normal Precipitation Year-to-Date: 7.76''
Departure from Normal: -2.00''
Total Precip Year-to-Date (Last Year): 9.64''

Highest Monthly Avg Temp: 56.8°F in 1984
Lowest Monthly Avg Temp: 44.6°F in 1917

Greatest May Precipitation: 4.14'' in 1992
Least May Precipitation: 0.00'' in 2022
and 11 other years

Highest Temp this month: 84°F on 31st
Lowest Temp this month: 26°F on 15th

Average Wind Speed: 7.2 mph
Highest Wind Speed: 41 mph from 210° on 13th
Highest Peak Gust: 60 mph from 230° on 13th

Record High: 89°F on 5/31/2002
Record Low: 7°F on 5/3/1915

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

No temperature or precipitation records this month.

Normals on this page are from 1991-2020

Flagstaff Number of Days of:
Minimum Temp 32°F or lower 9
Minimum Temp 0°F or lower 0
Maximum Temp 80°F or greater 2
Measurable Precipitation 4
(0.01'' or greater)
Trace Precipitation 1
(less than 0.01'')



Flagstaff experienced 16 days of above average temperatures, 4 days of average temperatures, and 11 days of below average temperatures this month.

Phoenix Climate Statistics

May 2025

This tied as the 16th hottest May on record (8/6/1895 to present). With 0.00 inches of precipitation, it tied as the driest May on record.

Total May Precipitation: 0.00"
Normal May Precipitation: 0.13"
Departure from Normal: -0.13"

Avg Max Temp: 95.6°F Normal: 94.5°F
Avg Min Temp: 71.2°F Normal: 69.5°F
Avg Mean Temp: 83.4°F Normal: 82.0°F

Total Precipitation Year-to-Date: 1.02"
Normal Precipitation Year-to-Date: 2.92"
Departure from Normal: -1.90"
Total Precip Year-to-Date (Last Year): 3.80"

Highest Monthly Avg Temp: 87.0°F in 1984
Lowest Monthly Avg Temp: 69.0°F in 1917

Greatest May Precipitation: 1.31" in 1930
Least May Precipitation: 0.00" in 2025
and 65 other years

Highest Temp this month: 106°F on 22nd
Lowest Temp this month: 59°F on 5th

Average Wind Speed: 7.6 mph
Highest Wind Speed: 28 mph from 290° on 19th
Highest Peak Gust: 40 mph from 320° on 19th

Record High: 114°F on 5/30/1910
Record Low: 39°F on 5/3/1899

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

Temperature or precipitation records this month:
Highest Minimum Temperature: 80°F on 5/12/2025;
previous record 79°F on 5/12/2001 and 5/12/1993

Normals on this page are from 1991-2020

Phoenix Number of Days of:

Maximum Temp 90°F or greater	24
Maximum Temp 100°F or greater	14
Measurable Precipitation (0.01" or greater)	0
Trace Precipitation (less than 0.01")	3



Phoenix observed 20 days of above average temperatures, 2 days of average temperatures, and 9 days of below average temperatures this month.

Tucson Climate Statistics

May 2025

This ranked as the 20th hottest May on record (9/1/1894 to present). With 0.03 inches of precipitation, it tied as the 61st wettest May on record.

Total May Precipitation: 0.03''
Normal May Precipitation: 0.20''
Departure from Normal: -0.17''
Greatest 24-Hr Precip: 0.02'' on 5th

Avg Max Temp: 91.8°F Normal: 91.8°F
Avg Min Temp: 63.2°F Normal: 61.8°F
Avg Mean Temp: 77.5°F Normal: 76.8°F

Total Precipitation Year-to-Date: 0.56''
Normal Precipitation Year-to-Date: 2.68''
Departure from Normal: -2.12''
Total Precip Year-to-Date (Last Year): 5.29''

Highest Monthly Avg Temp: 80.7°F in 2020
Lowest Monthly Avg Temp: 64.6°F in 1905

Greatest May Precipitation: 1.34'' in 1931
Least May Precipitation: 0.00'' in 2024
and 53 other years

Highest Temp this month: 104°F on 22nd
Lowest Temp this month: 53°F on 6th

Average Wind Speed: 7.8 mph
Highest Wind Speed: 31 mph from 230° on 4th
Highest Peak Gust: 44 mph from 240° on 4th

Record High: 111°F on 5/29/1910
Record Low: 32°F on 5/3/1899

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

Temperature or precipitation records this month:
Highest Minimum Temperature: 75°F on 5/11/2025;
tied record set on 5/11/1934

Normals on this page are from 1991-2020

Highest Minimum Temperature: 74°F on 5/12/2025;
previous record 72°F on 5/12/2001

Tucson Number of Days of:
Maximum Temp 90°F or greater 22
Maximum Temp 100°F or greater 5
Measurable Precipitation 2
(0.01'' or greater)
Trace Precipitation 0
(less than 0.01'')

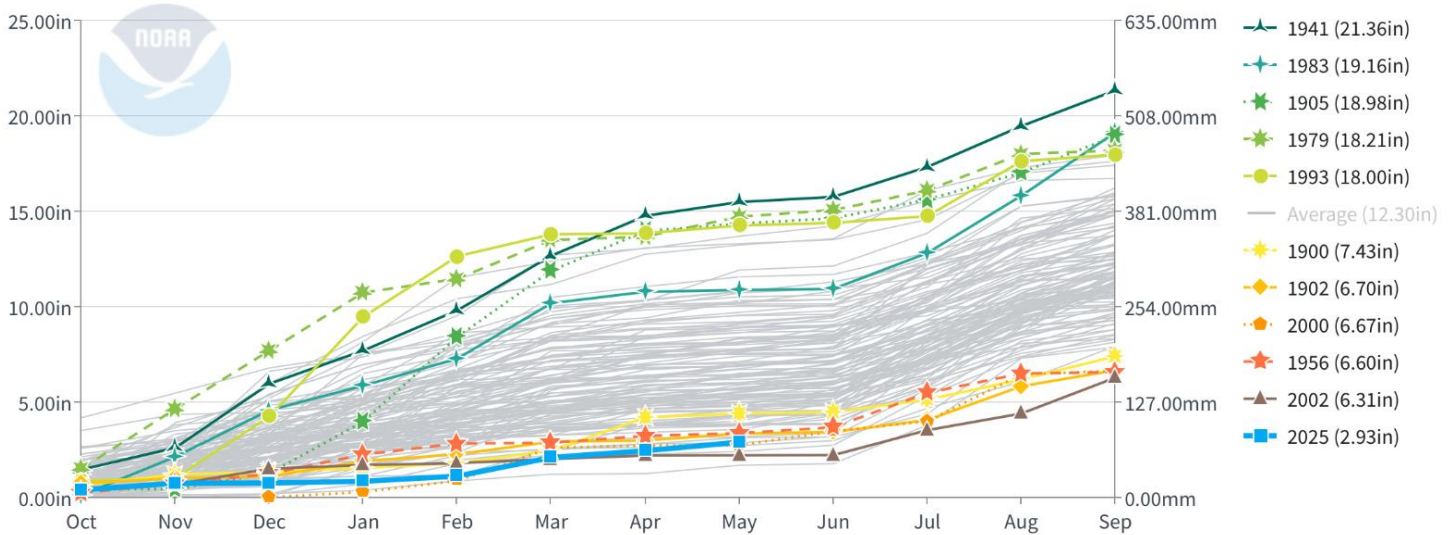


Tucson recorded 14 days of above average temperatures, 5 days of average temperatures, and 12 days of below average temperatures this month.

Cumulative Statewide Precipitation per Water Year (Oct 2024-Sept 2025)

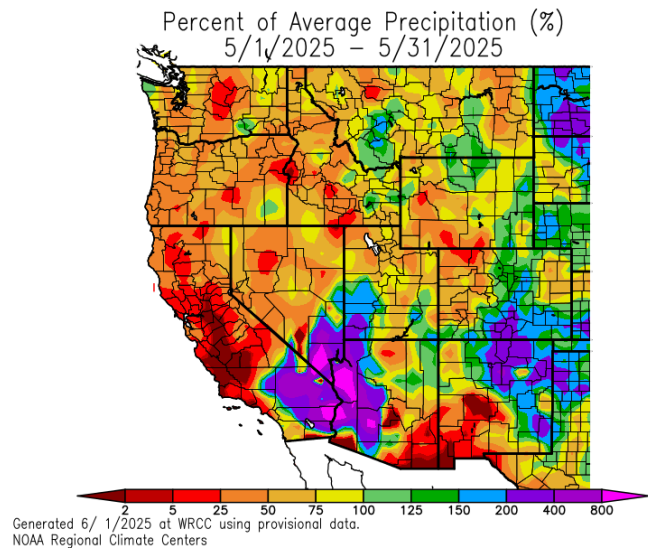
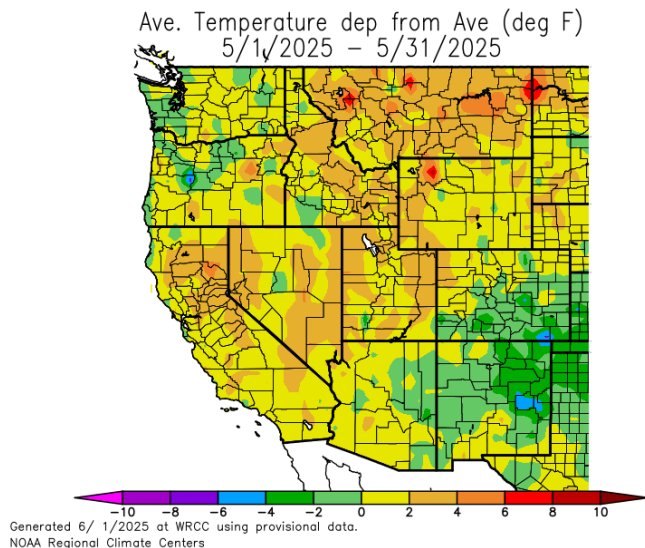
Arizona

October-September Precipitation

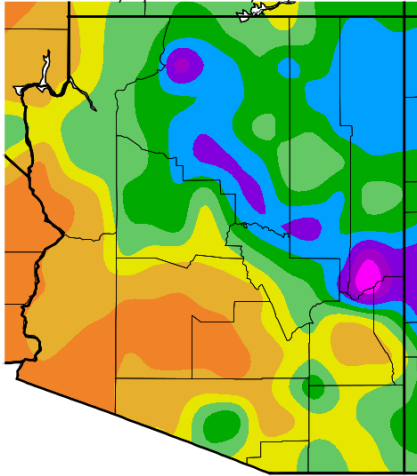


The 5 wettest Water Years are shown with green lines, the 5 driest Water Years are shown with brown lines, and the current Water Year is the blue line. The **average state cumulative Water Year precipitation (October-May)** was **2.93 inches**, which is **4.01 inches** below the **October-May average of 6.94 inches**.

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

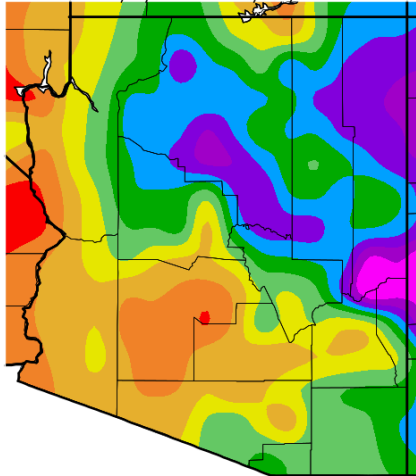


Av. Max. Temperature (deg. F)
5/1/2025 – 5/31/2025



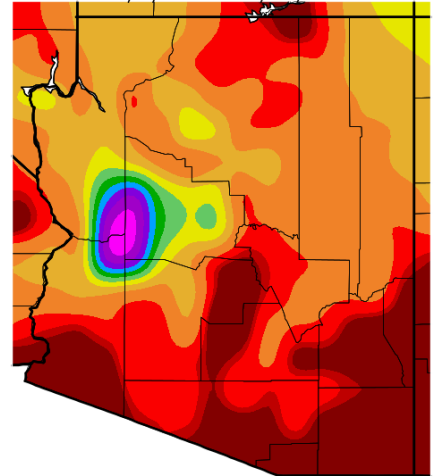
Generated 6/1/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Av. Min. Temperature (deg. F)
5/1/2025 – 5/31/2025



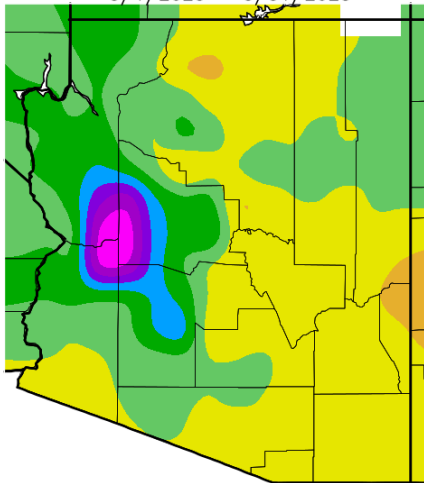
Generated 6/1/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Total Precipitation (in.)
5/1/2025 – 5/31/2025



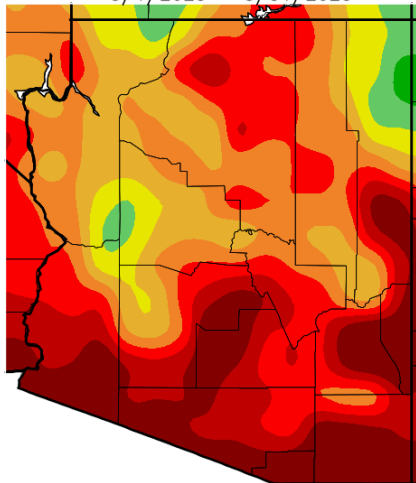
Generated 6/1/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Precipitation Departure from Average (in.)
5/1/2025 – 5/31/2025



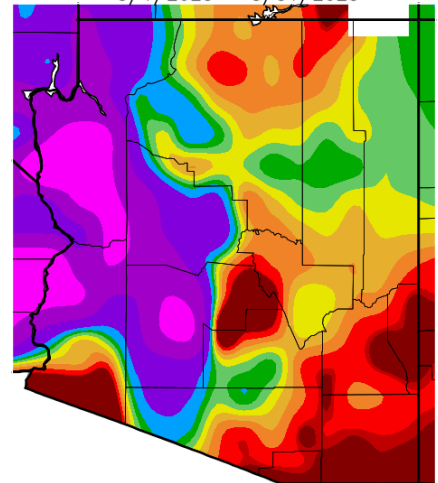
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NOAA Regional Climate Centers

Precipitation # Days > 0.01"
5/1/2025 – 5/31/2025



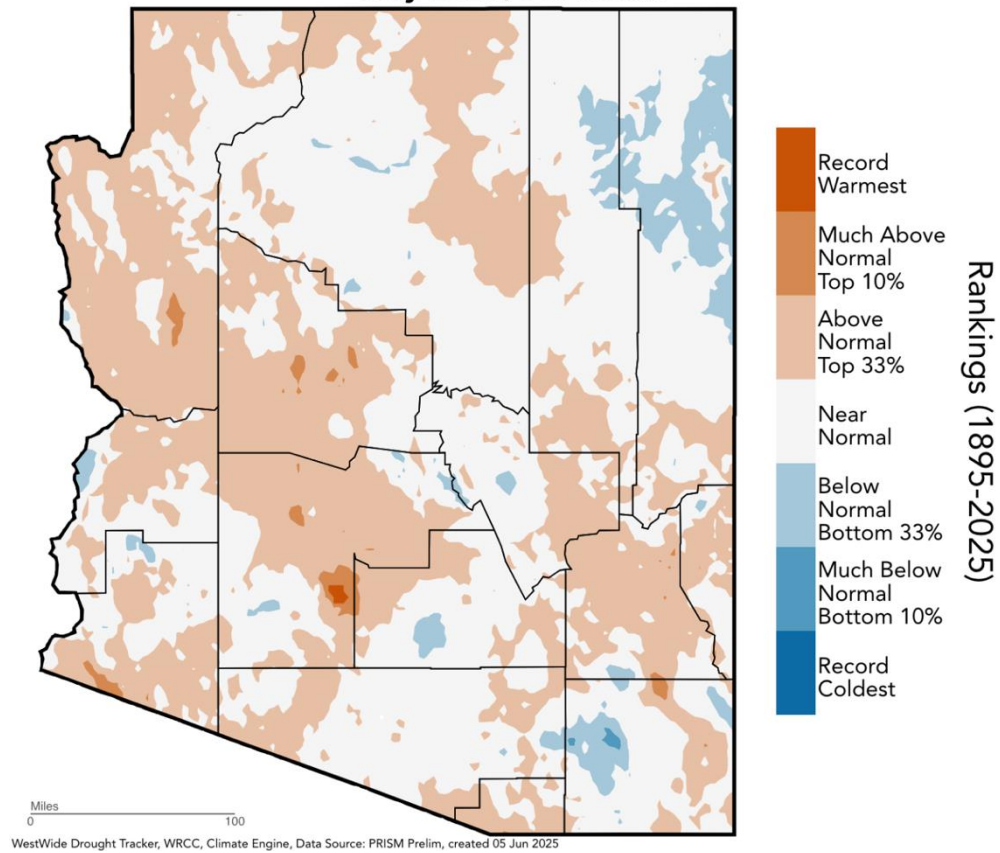
Generated 6/1/2025 at WRCC using provisional data.
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Percent of Average Precipitation (%)
5/1/2025 – 5/31/2025



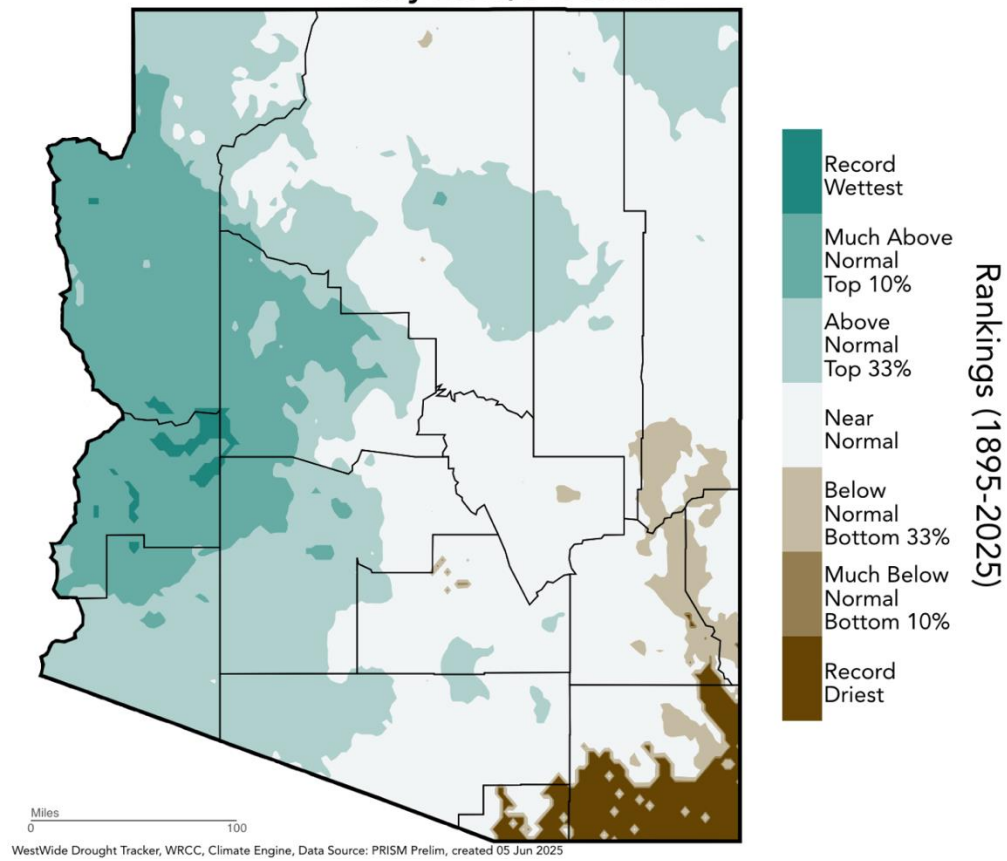
Generated 6/1/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Arizona - Mean Temperature May 2025, Percentile

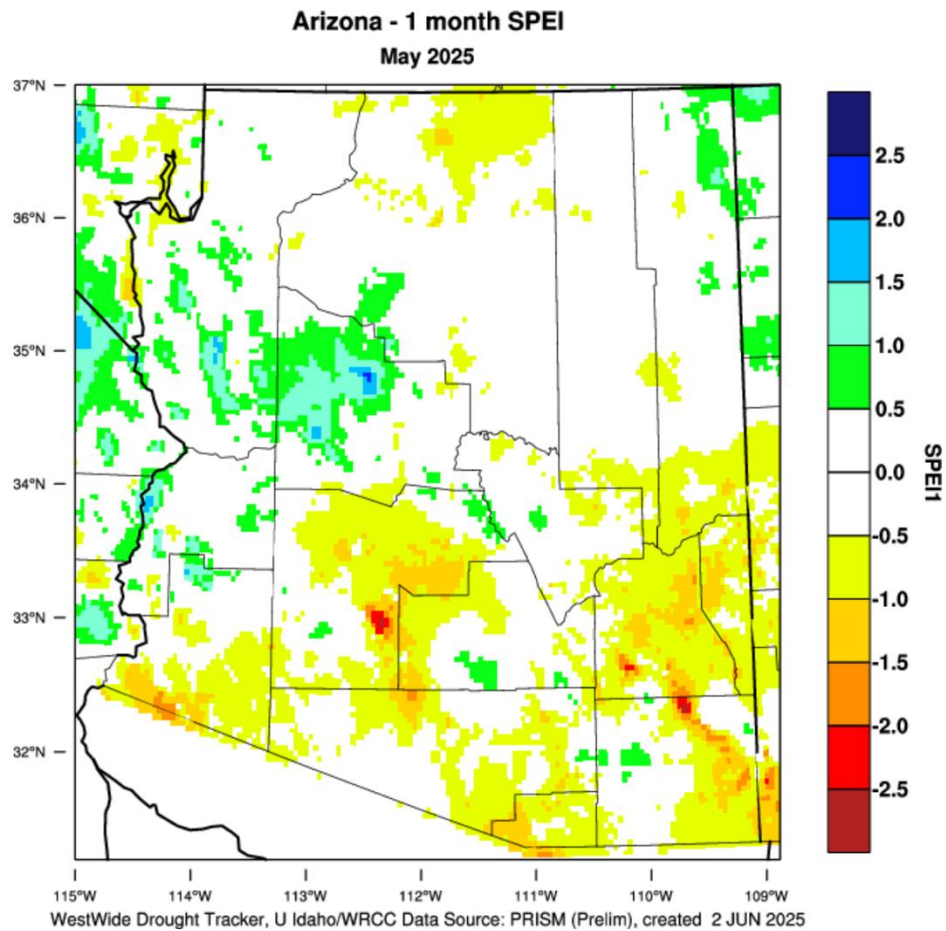


Temperatures were above normal across much of the state.

Arizona - Precipitation May 2025, Percentile



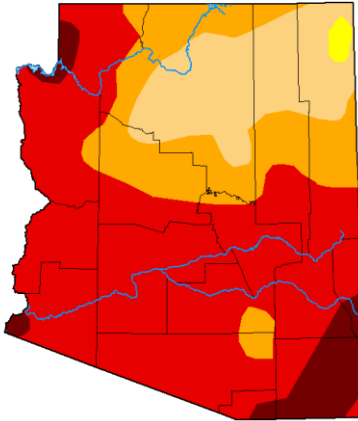
Above average precipitation was recorded in western counties, including Mohave, La Paz, Yavapai, and Yuma counties.



This map shows the Standardized Precipitation Evapotranspiration Index (SPEI) across Arizona. May precipitation and evapotranspiration totals are measured across the state and are compared to previous May precipitation and evapotranspiration totals through the period of record (1895-present). Positive values represent wet conditions, while negative values represent dry conditions.

Short-term Drought

U.S. Drought Monitor Arizona



May 6, 2025
(Released Thursday, May. 8, 2025)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)					
	None	D0	D1	D2	D3	D4
Current	0.00	0.66	16.52	19.31	57.01	6.51
Last Week (4-29-2025)	0.00	0.66	10.62	21.56	54.82	12.34
3 Months Ago (2-04-2025)	0.00	2.23	24.93	33.61	38.19	1.03
Start of Calendar Year (1-01-2025)	3.74	19.63	31.09	31.50	14.03	0.00
Start of Water Year (10-01-2024)	27.62	32.48	35.29	4.61	0.00	0.00
One Year Ago (5-07-2024)	25.82	48.87	22.16	3.15	0.00	0.00

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

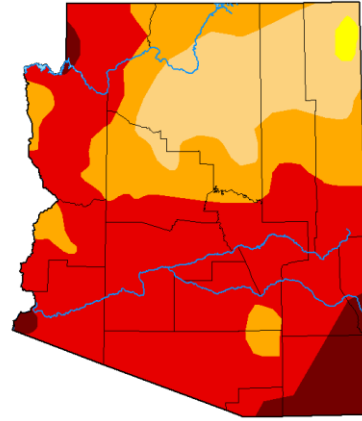
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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droughtmonitor.unl.edu

U.S. Drought Monitor Arizona



May 27, 2025
(Released Thursday, May. 29, 2025)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)					
	None	D0	D1	D2	D3	D4
Current	0.00	0.66	17.16	21.44	54.60	6.14
Last Week (5-20-2025)	0.00	0.66	17.16	21.44	54.60	6.14
3 Months Ago (2-25-2025)	0.00	0.93	12.10	34.08	51.86	1.03
Start of Calendar Year (1-01-2025)	3.74	19.63	31.09	31.50	14.03	0.00
Start of Water Year (10-01-2024)	27.62	32.48	35.29	4.61	0.00	0.00
One Year Ago (5-07-2024)	28.63	51.35	16.87	3.15	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:
Brad Pugh
CPC/NOAA



droughtmonitor.unl.edu

Arizona saw marginal improvement to Extreme (D3) short-term drought in western counties.

Percent of Statewide Area Change in Short-term Drought

Category	May 6, 2025	May 27, 2025	Change
No Drought	0	0	0
D0 – Abnormally Dry	1	1	0
D1 – Moderate Drought	17	17	0
D2 – Severe Drought	19	21	+2
D3 – Extreme Drought	57	55	-2
D4 – Exceptional Drought	7	6	-1



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