



Storm Chances Continue Today Before Drying Out For Midweek

KEY POINTS

- Thunderstorm chances today will mostly favor south-central AZ, with best chances in the AZ higher terrain.
- Thunderstorm chances Tuesday will be confined to the AZ higher terrain.
- Dry conditions expected mid-week, with a slight chance for storms returning to the AZ higher terrain to end the workweek.
- Near to slightly above normal temperatures expected through the week.

CHANGES FROM PREVIOUS BRIEFING

- Removed thunderstorm chances across the higher terrain for Wednesday and Thursday.

WEATHER RISK OUTLOOK

Risk levels incorporate potential impacts from weather hazards and likelihood of occurrence for a reasonable worse case scenario.

	Mon 8/12	Tue 8/13	Wed 8/14	Thu 8/15	Fri 8/16
Phoenix Metro Including Maricopa and NW Pinal Counties	Heat Thunderstorms	Heat	Heat	Heat	Heat
Higher Terrain SC AZ S. Gila County and Tonto NF Foothills in NE Maricopa County	Heat Thunderstorms	Heat Thunderstorms	Heat	Heat	Heat Isolated T-Storm
Southwest AZ Including La Paz and Yuma Counties	Heat Isolated T-Storm	Heat	Heat	Heat	Heat
Southeast CA Including Imperial and Eastern Riverside Counties	Heat	Heat	Heat	Heat	Heat
Joshua Tree National Park	Heat	Heat	Heat	Heat	Heat

Risk Levels

Little to None

Minor

Moderate

Major

Extreme

DETAILS

Phoenix Metropolitan

**Impacts:**

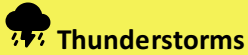
Moderate Risk for heat-related illnesses for pets, livestock, and those who are sensitive to heat, especially those without effective cooling and/or adequate hydration.

Timing:

Daily

Details:

- Daily highs to range between 102-110°F

**Impacts:**

Strong gusty winds, lightning, and locally heavy rainfall

Timing:

Today

Details:

- Storm chances today between 10-30%
- Storm chances starting on Tuesday lower to less than 10%

Higher Terrain SC AZ

**Impacts:**

Minor Risk for heat-related illnesses for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration.

Timing:

Daily

Details:

- Daily highs to range between 90-100°F

**Impacts:**

Strong gusty winds, lightning, and locally heavy rainfall

Timing:

Monday - Tuesday & Friday

Details:

- Storm chances today: 30-60%
- Storm chances Tuesday: 20-40%
- Storm chances Wednesday and Thursday: less than 10%
- Storm chances Friday: 10-30%

Southwest Arizona

**Impacts:**

Moderate Risk for heat-related illnesses for pets, livestock, and those who are sensitive to heat, especially those without effective cooling and/or adequate hydration.

Timing:

Daily

Details:

- Daily highs to range between 105-109°F

**Impacts:**

Strong gusty winds, lightning, and locally heavy rainfall

Timing:

Today

Details:

- Slight thunderstorm chance of between 10-20%, mainly over La Paz County

Southeast California



Impacts:

Moderate Risk for heat-related illnesses for pets, livestock, and those who are sensitive to heat, especially those without effective cooling and/or adequate hydration.

Timing:

Daily

Details:

- Daily highs to range between 105-110°F

Joshua National Park



Impacts:

Moderate Risk for heat-related illnesses for pets, livestock, and those who are sensitive to heat, especially those without effective cooling and/or adequate hydration.

Timing:

Daily

Details:

- Daily highs (including lower deserts and higher terrain) to range between 92-104°F

FOR MORE INFORMATION

For the latest forecast updates, visit weather.gov/phoenix.

If you have questions or would like to submit weather reports, photos, or to unsubscribe from these briefings, email nws.phoenix@noaa.gov or call Media - (602) 275-7417; EM - (602) 275-7003.

GRAPHICS

Thunderstorm Outlook

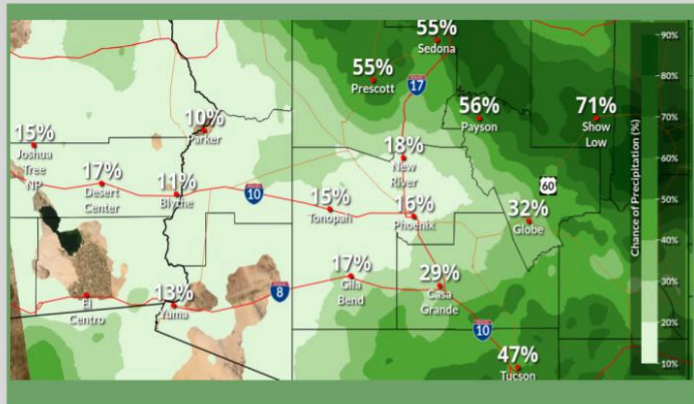
Monday, August 12, 2024

Details:

- Scattered thunderstorms (40-60% coverage) develop over the higher terrain in northern and eastern AZ
- Lower desert storm activity will be contingent on deep, colliding outflow boundaries materializing (10-20% chance)
- Limited storm chances (less than 15% chance) over the western AZ lower deserts and southeastern CA
- Main threats: **gusty outflow winds & locally heavy rainfall**

Hazards:

- Chance of **gusty winds 35+ MPH: 10-50%**
- Patchy **Blowing Dust**
- Locally **Heavy Rain**



All storms contain potentially deadly lightning!



National Weather Service · Phoenix, AZ

weather.gov/phoenix

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Storm Chances Today

Above Normal Temperatures Continue

Weather Forecast Office
Phoenix, AZ



Above normal temps with early week storm chances, then drying out later in the week

Issued August 12, 2024 1:30 AM MST

	Mon	Tue	Wed	Thu	Fri	Sat
Phoenix	106°	106°	108°	110°	109°	106°
Yuma	106°	108°	108°	107°	107°	106°
El Centro	107°	109°	108°	109°	108°	106°
Blythe	108°	109°	108°	109°	109°	108°
Globe	96°	95°	96°	99°	100°	98°

- Widespread **Minor & Moderate** HeatRisk continues through the week
- Scattered **Storms** (30-60% chance) over AZ higher terrain through Tuesday
- A few **Storms possible** (10-20% chance) over south-central AZ lower deserts Today
- **Drying out** during the middle and end of the week (only up to 20% chance over mountains)

Weekly Outlook