



Extreme Heat Risk This Weekend and Monday | Daily Afternoon Storms

KEY POINTS

- Above normal temperatures daily with areas of Major and Extreme heat risk this weekend and Monday as temperatures warm.
- Daily afternoon thunderstorms, favoring high terrain areas of Arizona.
- A disturbance from the east early to middle next week will increase moisture in the region and may lead to more widespread thunderstorms.

CHANGES FROM PREVIOUS BRIEFING

- Increased Heat risk level to Extreme for Sun & Mon for lower deserts and to Major for High Terrain SC AZ Sat-Mon
- Excessive Heat Warning issued yesterday afternoon for this weekend and Monday

WEATHER RISK OUTLOOK

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

	Fri 8/2	Sat 8/3	Sun 8/4	Mon 8/5	Tue 8/6
Phoenix Metro Including Maricopa and NW Pinal Counties	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms
Higher Terrain SC AZ S. Gila County and Tonto NF Foothills in NE Maricopa County	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms
Southwest AZ Including La Paz and Yuma Counties	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms
Southeast CA Including Imperial and Eastern Riverside Counties	Heat	Heat	Heat	Heat	Heat Thunderstorms
Joshua Tree National Park	Heat Thunderstorms	Heat	Heat	Heat	Heat Thunderstorms
Risk Levels	Little to None	Minor	Moderate	Major	Extreme

DETAILS

Phoenix Metropolitan



Heat

Impacts:

Extreme Risk for heat-related illnesses for entire population, pets, and livestock due to long duration heat, with little to no relief overnight.

Timing:

Extreme Risk Sun-Mon; Major Risk Sat; Moderate Risk Fri & Tue

Details:

- **Excessive Heat Warning** in effect for Sat - Mon
- Above normal temperatures daily with near record temps today through Monday
- Highs: 111-115°F Sat-Mon
- Lows: 85-93°F



Thunderstorms

Impacts:

Strong gusty winds, lightning, and locally heavy rainfall

Timing:

Daily

Details:

- 10-30% rain chance for southern Maricopa and Pinal counties
- 5-10% rain chance for the Phoenix metro
- Thunderstorm wind gusts >35 mph Today: 20% chance
- Rain chances increase area-wide early to middle next week as a disturbance moves in from the east

Higher Terrain SC AZ



Heat

Impacts:

Major Risk for heat-related illnesses for pets, livestock, and much of the population, especially with extended outdoor exposure, and for those who are heat sensitive and/or without effective cooling and/or adequate hydration.

Timing:

Major Risk Sat - Mon; Moderate Risk Fri & Tue

Details:

- **Excessive Heat Warning** in effect for Sat - Mon, primarily for San Carlos
- Above normal temperatures daily
- Highs (Miami/Globe & San Carlos): 100-108°F
- Lows (Miami/Globe & San Carlos): 75-78°F



Thunderstorms

Impacts:

Strong gusty winds, lightning, and locally heavy rainfall

Timing:

Daily

Details:

- Storm chances 20-40%
- Thunderstorm wind gusts >35 mph Today: 30-50% chance

Southwest Arizona



Heat

Impacts:

Extreme Risk for heat-related illnesses for entire population, pets, and livestock due to long duration heat, with little to no relief overnight.

Timing:

Extreme Risk Sun-Mon; Major Risk Sat; Moderate Risk Fri & Tue

Details:

- **Excessive Heat Warning** in effect for Sat - Mon
- Above normal temperatures daily
- Highs: 111-115°F Sat-Mon
- Lows: 85-91°F



Thunderstorms

Impacts:

Strong gusty winds, lightning, and locally heavy rainfall

Timing:

Daily

Details:

- Storm chances 10-20% in favored terrain areas, mostly in La Paz County
- Thunderstorm wind gusts >35 mph Today: 10% chance
- Rain chances increase area-wide early to middle next week as a disturbance moves in from the east

Southeast California



Heat

Impacts:

Extreme Risk for heat-related illnesses for entire population, pets, and livestock due to long duration heat, with little to no relief overnight.

Timing:

Extreme Risk Sun-Mon; Major Risk Sat & Tue; Moderate Risk Fri

Details:

- **Excessive Heat Warning** in effect for Sat - Mon
- Above normal temperatures daily
- Highs: 112-116°F Sat-Tue
- Lows: 85-91F



Thunderstorms

Impacts:

Strong gusty winds, lightning, and locally heavy rainfall

Timing:

Mainly Friday

Details:

- Rain chances increase early to middle next week as a disturbance moves in from the east

Joshua National Park



Impacts:

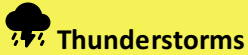
Moderate Risk for heat-related illnesses for pets, livestock, and those who are sensitive to heat, especially those without effective cooling and/or adequate hydration.

Timing:

Daily

Details:

- **Excessive Heat Warning** in effect for Sat - Mon
- Above normal temperatures daily
- Highs (including lower deserts and higher terrain): 95-111°F
- Lows (including lower deserts and higher terrain): 73-88°F



Impacts:

Strong gusty winds, lightning, and locally heavy rainfall

Timing:

Today and Tuesday

Details:

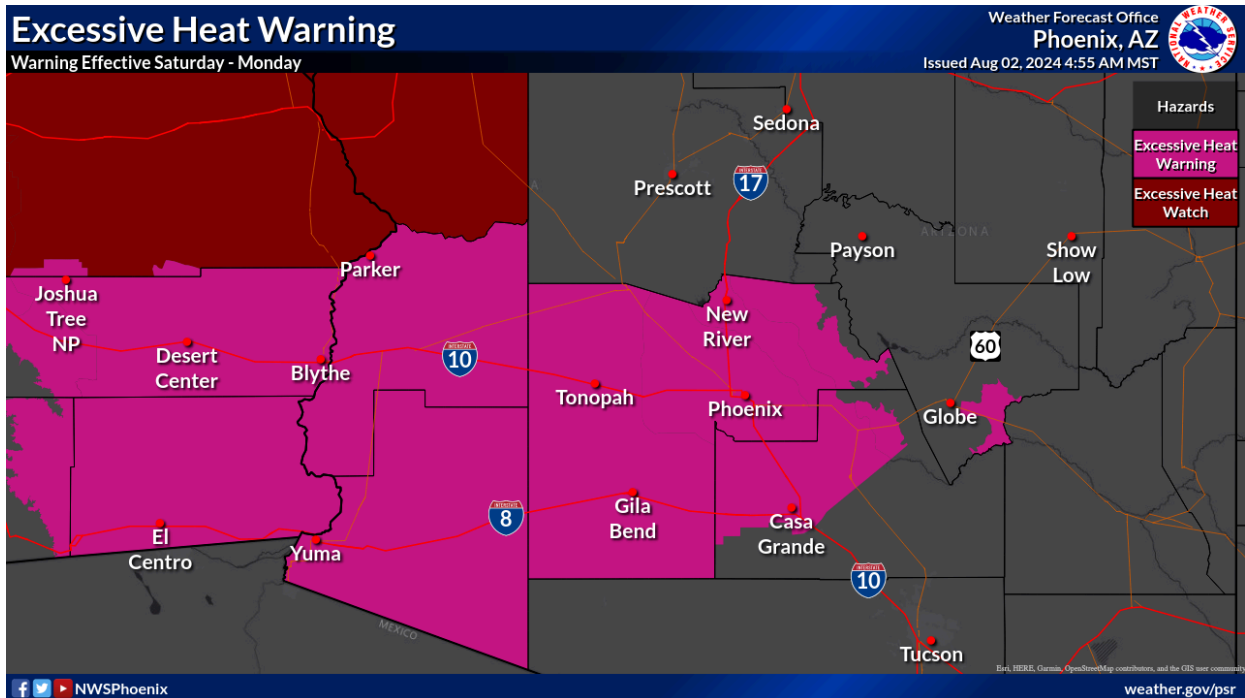
- Storm chances 10-15% this afternoon
- Rain chances increase early to middle next week as a disturbance moves in from the east

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



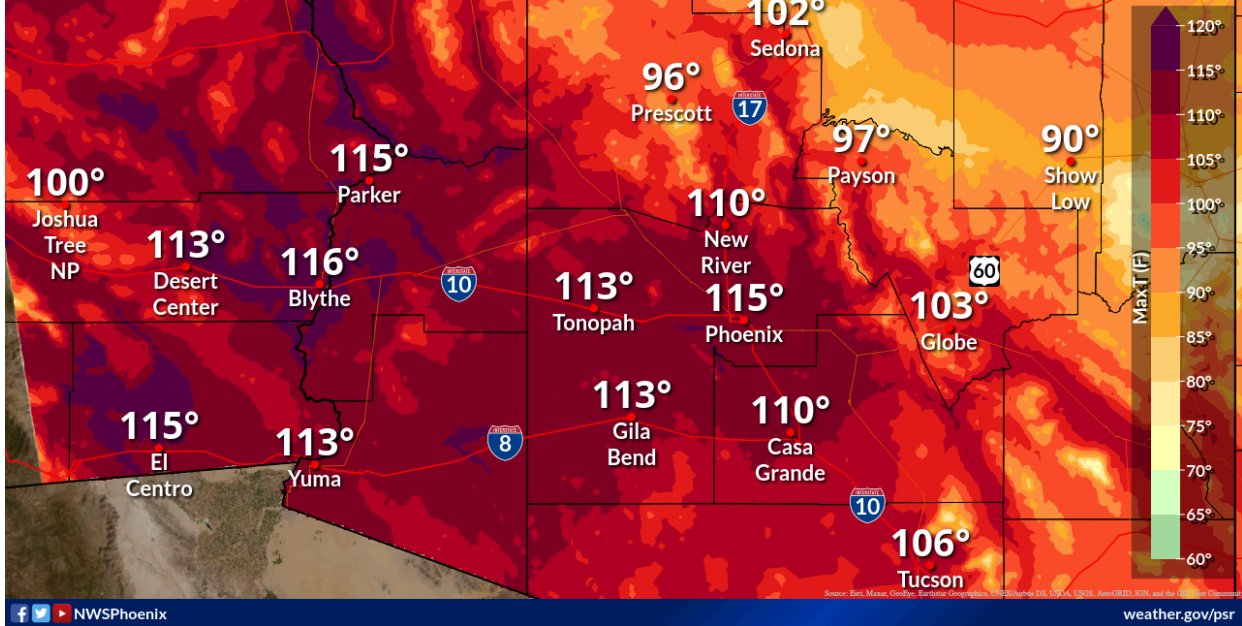
Excessive Heat Warning

Forecast High Temperatures

Sunday

Weather Forecast Office
Phoenix, AZ

Issued Aug 02, 2024 4:04 AM MST



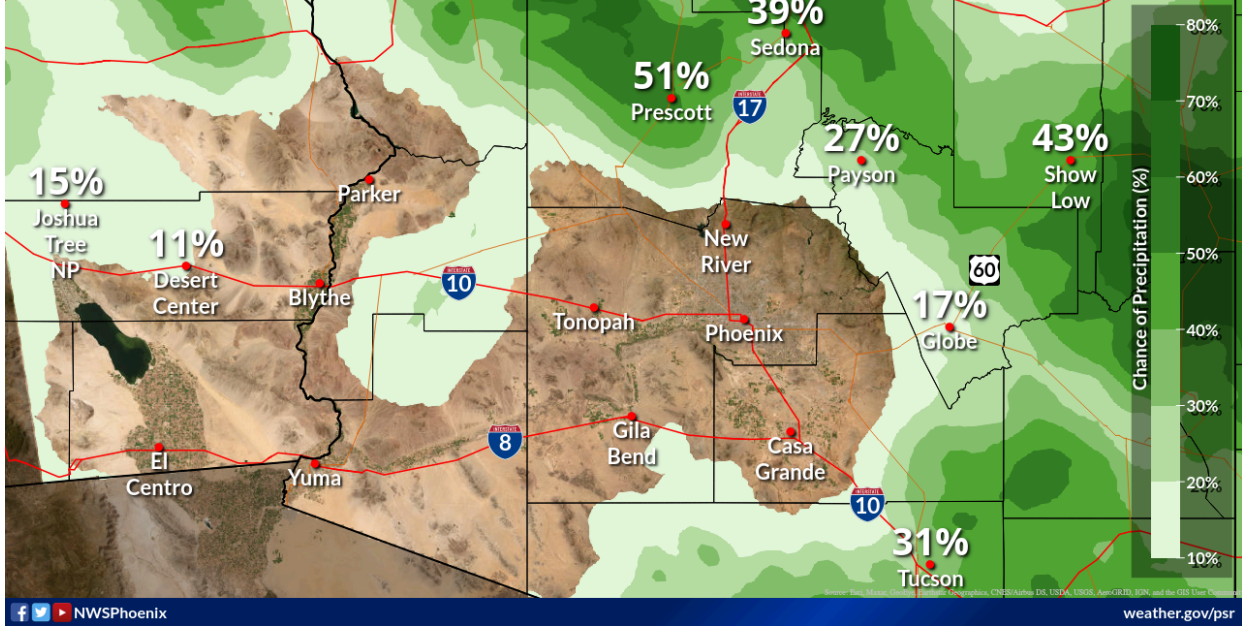
Forecast High Temperatures Sunday

Precipitation Chances

This afternoon

Weather Forecast Office
Phoenix, AZ

Issued Aug 02, 2024 4:06 AM MST



Rain Chances This Afternoon