

Excessive Heat Warning Through Tuesday-Rain Chances Increase Late Week

KEY POINTS

- **Extreme HeatRisk** for most locations through Tuesday evening.
- **Isolated showers and storms possible** across south-central AZ high terrain; mainly north and east of Phoenix through mid-week.
- **Better rain chances (20-50%)** across the region on Thursday and Friday.

CHANGES FROM PREVIOUS BRIEFING

- Increased to Extreme HeatRisk for southeast California on Monday and Tuesday
- Introduced a minor risk for thunderstorms for most areas on Thursday and Friday

WEATHER RISK OUTLOOK

Risk levels incorporate potential impacts from weather hazards and likelihood of occurrence. The weather hazard with the greatest risk will be listed first in the matrix.

	Mon 8/28	Tue 8/29	Wed 8/30	Thu 8/31	Fri 9/1
Phoenix Metro Area Including Maricopa & NW. Pinal Counties	Heat	Heat	Heat	Heat Thunderstorms	Heat Thunderstorms
High 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 Arizona Including La Paz & Yuma Counties	Heat	Heat	Heat	Heat Thunderstorms	Heat Thunderstorms
Southeast California Including Imperial & Eastern Riverside Counties	Heat	Heat	Heat	Heat	Heat

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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DETAILS

Phoenix Metropolitan Area



Heat

Impacts:

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

Timing:

Extreme HeatRisk: Monday - Tuesday

- **Excessive Heat Warning** through Tuesday evening
- Forecast Highs: 108-116°F
- Forecast Lows: 88-92°F
- Record high temperatures Monday and Tuesday (90%+ tie or break)



Thunderstorms

Impacts:

Strong wind gusts, brief heavy rainfall, and lightning

Timing:

Thursday and Friday afternoon and evening (30-40%)

- Scattered showers and thunderstorms with locally gusty winds (30-40 mph), brief downpours, and occasional lightning

Higher Terrain South Central Arizona (Southern Gila County & Tonto NF Foothills in Maricopa County)



Heat

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:

Moderate HeatRisk: Monday - Tuesday

- Well above normal temperatures through Tuesday
- Forecast Highs: Upper-90s to 108°F



Thunderstorms

Impacts:

Strong wind gusts, brief heavy rainfall, and lightning

Timing:

Daily 10-30% chance, increasing to 30-50% on Thursday and Friday

- Isolated shower and thunderstorm activity with minimal impacts, besides locally gusty winds (30-40 mph), brief downpours, and occasional lightning

Southwest Arizona (La Paz & Yuma Counties)



Heat

Impacts:

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

Timing:

Extreme HeatRisk: Monday - Tuesday

- **Excessive Heat Warning** through Tuesday evening
- Forecast Highs: 107-116°F



Thunderstorms

Impacts:

Strong wind gusts, brief heavy rainfall, and lightning

Timing:

Thursday and Friday afternoon and evening (20-30%)

- Scattered showers and thunderstorms with locally gusty winds (30-40 mph), brief downpours, and occasional lightning

Southeast California (Imperial and Eastern Riverside Counties)



Impacts:

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

Timing:

Extreme HeatRisk: Monday - Tuesday

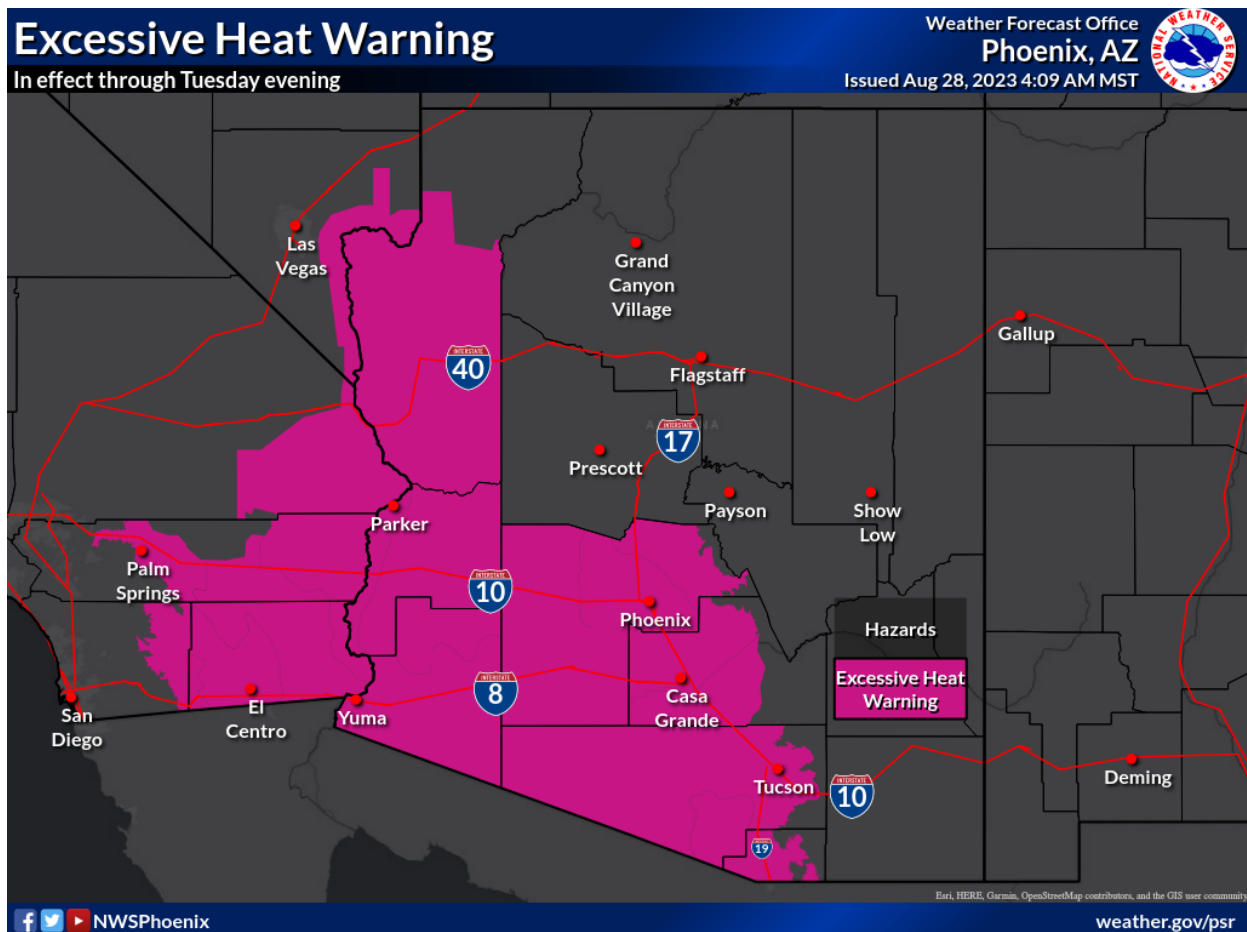
- Excessive Heat Warning through Tuesday evening
- Forecast Highs: 110-118°F

FOR MORE INFORMATION

For the latest forecast updates, visit [weather.gov/phoenix](https://www.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



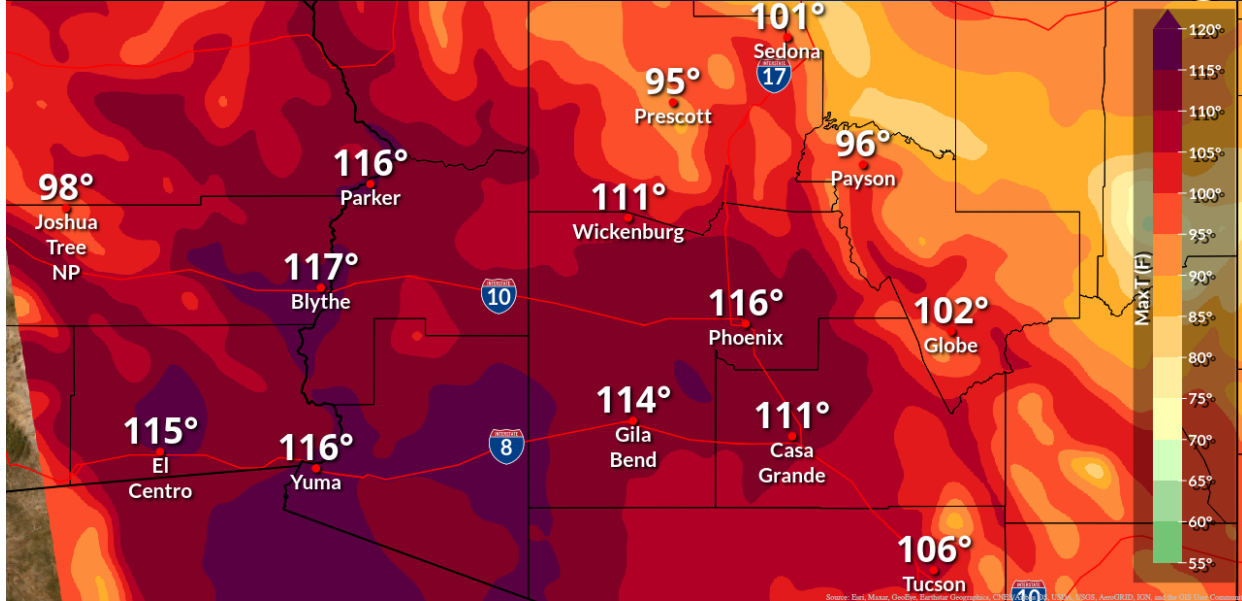
23-08-28_EHW.png

High Temperatures

Monday afternoon

Weather Forecast Office
Phoenix, AZ

Issued Aug 28, 2023 4:10 AM MST



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weather.gov/psr

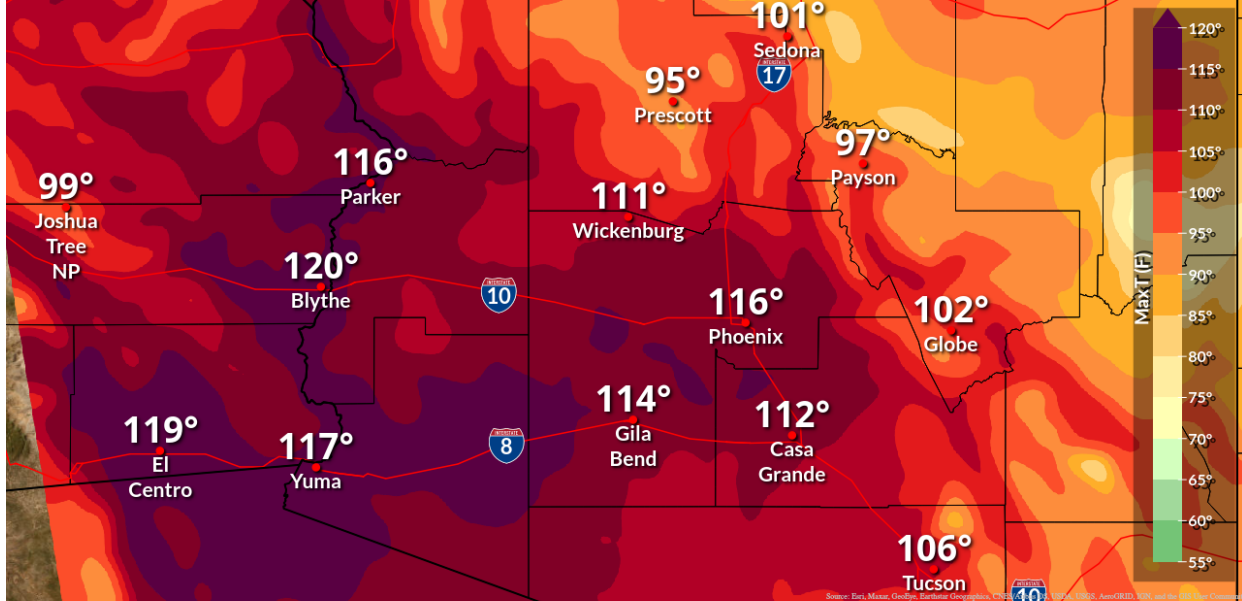
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High Temperatures

Tuesday afternoon

Weather Forecast Office
Phoenix, AZ

Issued Aug 28, 2023 4:13 AM MST



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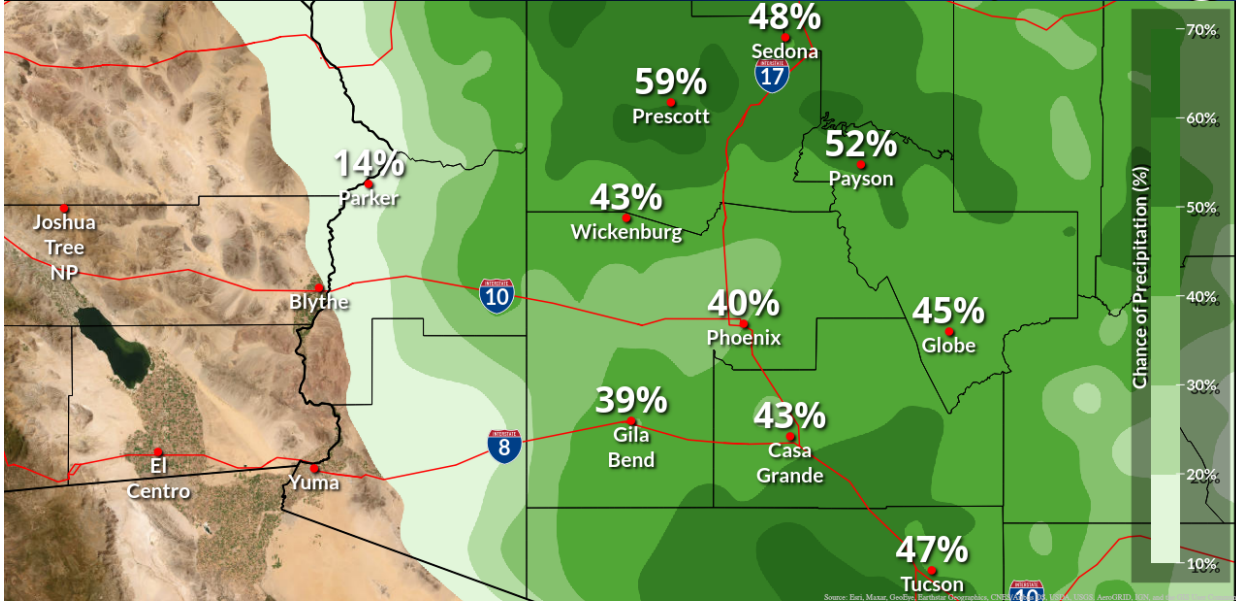
23-08-28_HighTemp_Tue.png

Rain Chances

Thursday afternoon and evening

Weather Forecast Office
Phoenix, AZ

Issued Aug 28, 2023 4:14 AM MST



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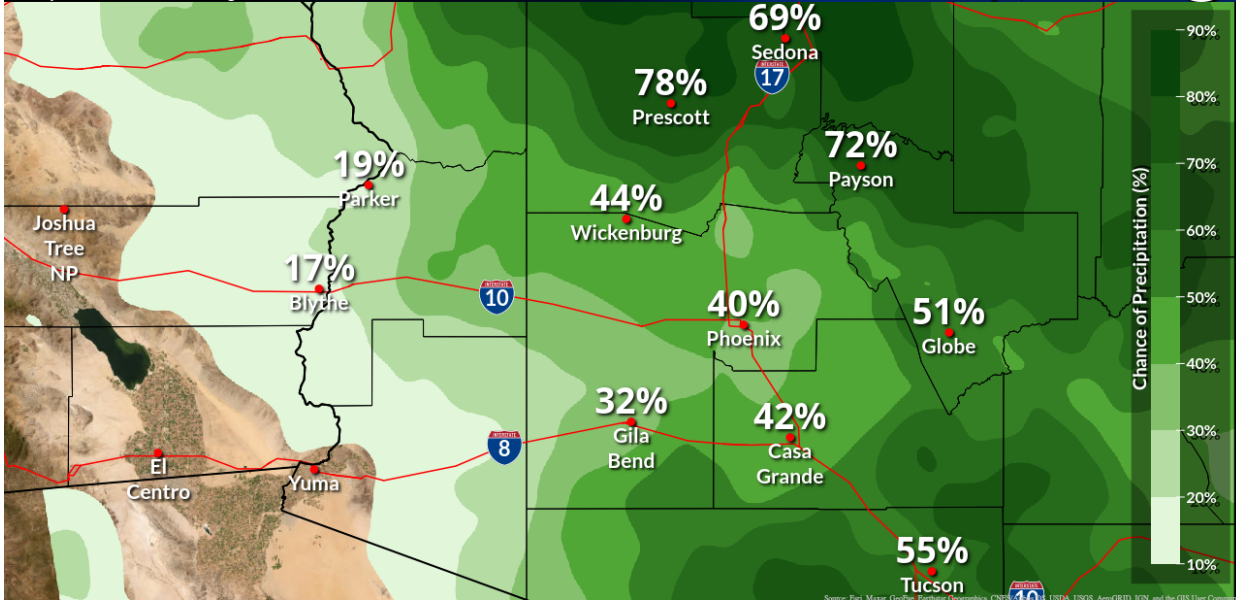
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Rain Chances

Friday afternoon and evening

Weather Forecast Office
Phoenix, AZ

Issued Aug 28, 2023 4:16 AM MST



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23-08-28_RainChances_Fri.png