

Significant Flooding Possible This Weekend | Excessive Heat Warning through Thursday

KEY POINTS

- **Minor Risk of thunderstorm impacts through Thursday - mainly over elevated terrain areas**
- **Localized Major HeatRisk through Thursday. An Excessive Heat Warning in effect**
- **Thunderstorm coverage (30-60% chance) and intensity expected to increase Friday with areas of Moderate Risk**
- **Major Risk of thunderstorms with heavy flooding rainfall in SW Arizona & SE California Saturday and Sunday. Some significant flooding possible**

CHANGES FROM PREVIOUS BRIEFING

Large increase in Flood/Thunderstorm threat in SW Arizona & SE California this weekend

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.

	Wed 8/16	Thu 8/17	Fri 8/18	Sat 8/19	Sun 8/20
Phoenix Metro Area Including Maricopa & NW Pinal Counties	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Thunderstorms Heat
High Terrain SC AZ S. Gila County and Tonto NF Foothills in NE Maricopa County	Heat Thunderstorms	Heat Thunderstorms	Thunderstorms Heat	Heat Thunderstorms	Thunderstorms Heat
Southwest Arizona Including La Paz & Yuma Counties	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Flash Flooding Thunderstorms	Flash Flooding Thunderstorms
Southeast California Including Imperial & Eastern Riverside Counties	Heat Thunderstorms	Heat	Heat	Flash Flooding Thunderstorms	Flash Flooding Thunderstorms

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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DETAILS

Phoenix Metropolitan Area



Heat

Impacts:

Major 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:

Areas of Major HeatRisk through Thursday, otherwise Moderate HeatRisk becoming Minor over the weekend

- High temperatures: 108-115 degrees through Thursday
- **Excessive Heat Warning for the greater Phoenix metro through Thursday**



Thunderstorms

Impacts:

Gusty winds, blowing dust, brief heavy rainfall, and lightning

Timing:

Moderate Risk Friday, otherwise Minor

- 10-30% through Thursday
- 60% Friday with some strong to severe storms possible
- 40-60% over the weekend, but limited impacts

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 through Thursday followed by Minor HeatRisk

- High temperatures: 95-105 degrees through Thursday



Thunderstorms

Impacts:

Gusty winds, brief heavy rainfall, and lightning

Timing:

Daily

- 25-40% through Thursday
- 50-60% Friday - Sunday

Southwest Arizona (La Paz & Yuma Counties)



Heat

Impacts:

Major 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:

Localized Major HeatRisk through Thursday, then Moderate Friday and Minor over the weekend

- High temperatures: 108-115 degrees through Thursday
- **Excessive Heat Warning for the Lower Colorado River and Yuma metro area through Thursday**



Thunderstorms

Impacts:

Gusty winds, areas of blowing dust, heavy rainfall, and lightning

Timing:

Moderate Risk Saturday, otherwise Minor

- 10-20% through Thursday
- 20-40% Friday
- 60-80% Saturday and Sunday with some strong to severe storms possible Saturday



Flooding

Impacts:

Flowing washes, standing water, and impassible roads

Timing:

Saturday and Sunday

- Substantial increase in moisture and thunderstorm coverage beginning Saturday
- Persistent, steady moderate to heavy rainfall likely
- Widespread storm total rainfall amounts over 2 inches possible

Southeast California (Imperial and Eastern Riverside Counties)



Heat

Impacts:

Major 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:

Localized Major HeatRisk through Thursday, then Moderate Friday and Minor over the weekend

- High temperatures: 109-115 degrees through Thursday
- **Excessive Heat Warning for portions of Riverside and Imperial Counties through Thursday**



Thunderstorms

Impacts:

Gusty winds, areas of blowing dust, heavy rainfall, and lightning

Timing:

Moderate Risk Saturday, otherwise Little to Minor Risk

- 10-20% Today
- 50-90% Saturday and Sunday



Flooding

Impacts:

Flowing washes, standing water, and impassible roads

Timing:

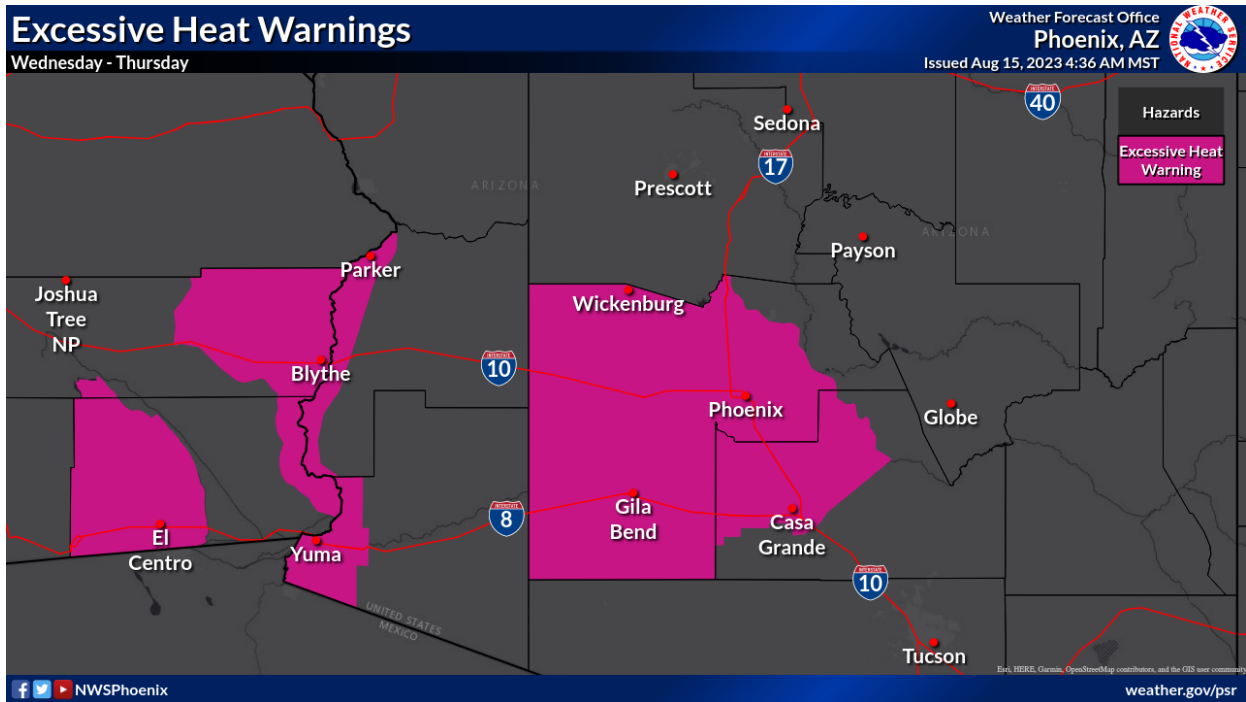
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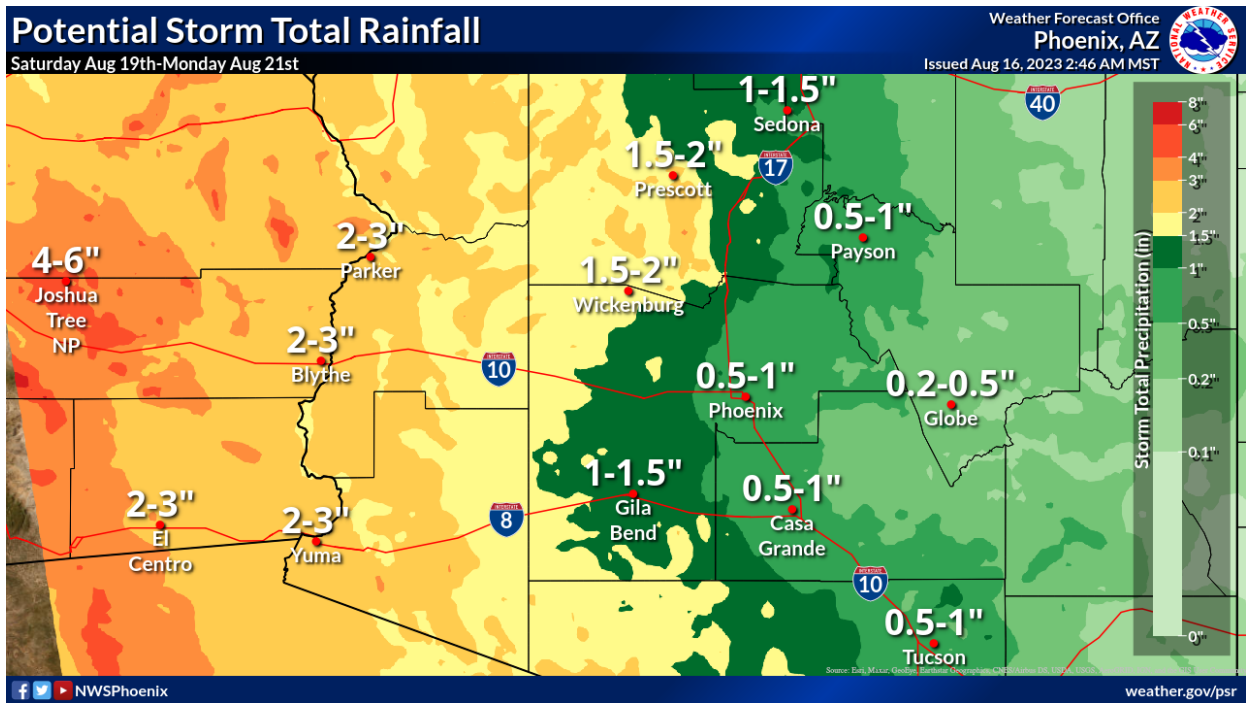
FOR MORE INFORMATION

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**.



Excessive Heat Warnings



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