

## Afternoon Update

Partners, We have some forecast updates to share with you.

### KEY POINTS

- **Excessive Heat Warning ends this evening**
- **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 through Monday; lower risk south-central AZ**

### CHANGES FROM PREVIOUS BRIEFING

Flash Flood Watch issued for southeast California and southwest Arizona.

### 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.

	Thu 8/17	Fri 8/18	Sat 8/19	Sun 8/20	Mon 8/21
<b>Phoenix Metro Area</b> Including Maricopa & NW. Pinal Counties	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Thunderstorms Heat	Thunderstorms Heat
<b>High Terrain SC AZ</b> S. Gila County and Tonto NF Foothills in NE Maricopa County	Heat Thunderstorms	Thunderstorms Heat	Heat Thunderstorms	Thunderstorms Heat	Thunderstorms Heat
<b>Southwest Arizona</b> Including La Paz & Yuma Counties	Heat Thunderstorms	Heat Thunderstorms	Flash Flooding Thunderstorms	Flash Flooding Thunderstorms	Flash Flooding Thunderstorms
<b>Southeast California</b> Including Imperial & Eastern Riverside Counties	Heat	Heat	Flash Flooding Thunderstorms	Flash Flooding Thunderstorms	Flash Flooding Thunderstorms

<b>Risk Levels</b>	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 today, otherwise Moderate HeatRisk becoming Minor over the weekend

- High temperatures: 108-115 degrees this afternoon
- **Excessive Heat Warning for the greater Phoenix metro today**



Thunderstorms

### Impacts:

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

### Timing:

Moderate Risk Friday, otherwise Minor

- 10-30% today
- 60% Friday with some strong to severe storms possible
- 30-60% Saturday through Monday, 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 today followed by Minor HeatRisk

- High temperatures: 95-105 degrees today



Thunderstorms

### Impacts:

Gusty winds, brief heavy rainfall, and lightning

### Timing:

Daily

- 25-40% today
- 30-60% Friday through Monday

## Southwest Arizona (La Paz & Yuma Counties)

**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 today, then Moderate Friday and Minor over the weekend

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

**Impacts:**

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

**Timing:**

Moderate Risk Saturday, otherwise Minor

- 10-20% today
- 20-50% Friday
- 70-90% Saturday through Monday with some strong to severe storms possible Saturday

**Impacts:**

Flowing washes, standing water, and impassible roads

**Timing:**

Saturday through Monday

- Substantial increase in moisture and thunderstorm coverage beginning Saturday
- **Flash Flood Watch in effect from 11am Saturday to 5pm Sunday**
- Widespread storm total rainfall amounts over 2 inches possible

## Southeast California (Imperial and Eastern Riverside Counties)

**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 today, then Moderate Friday and Minor over the weekend

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

**Impacts:**

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

**Timing:**

Moderate Risk Saturday, otherwise Minor Risk

- Less than 15% Today and Friday
- 70-90% Saturday through Monday

**Impacts:**

Flowing washes, standing water, rock slides, and impassible roads

**Timing:**

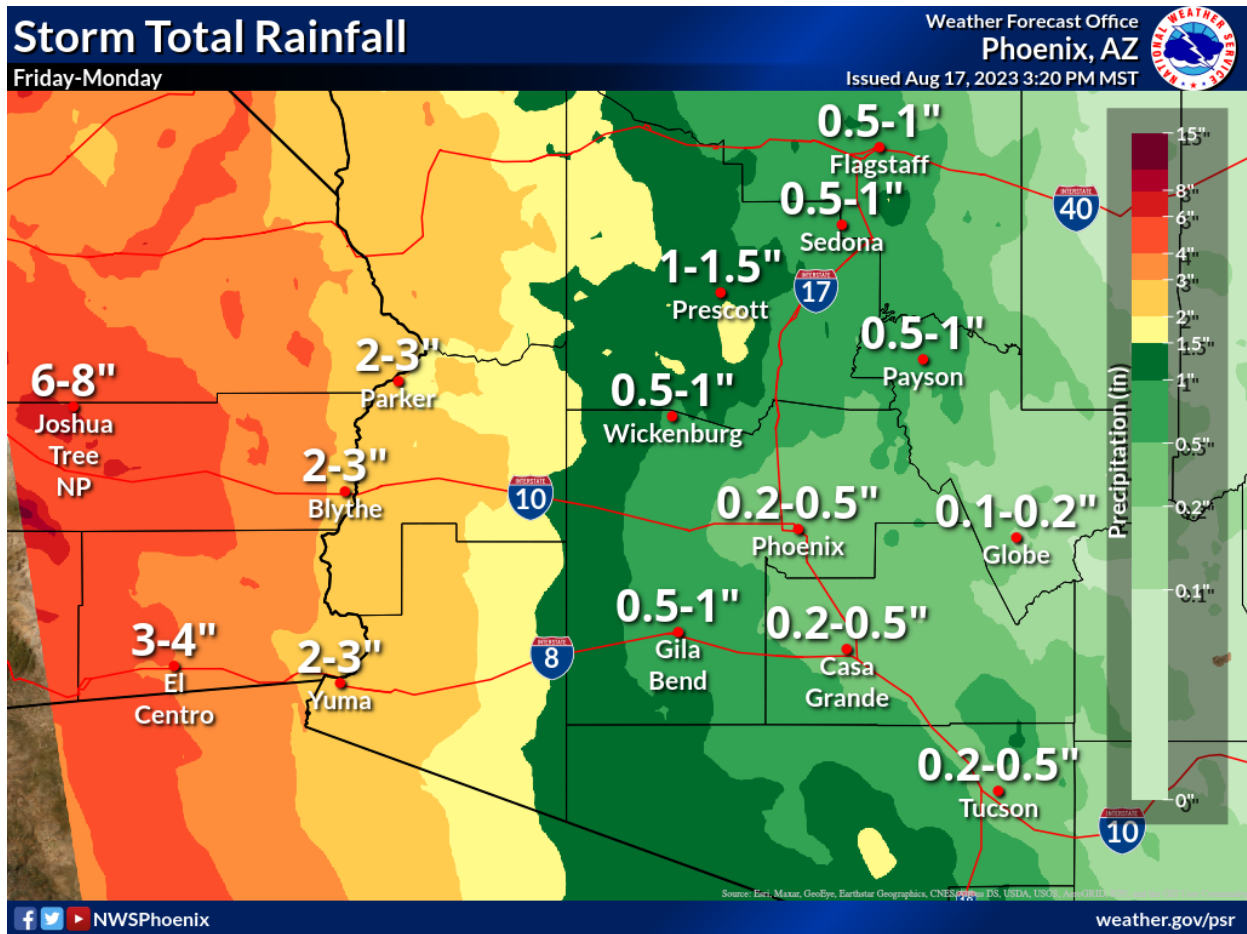
Saturday through Monday

- Substantial increase in moisture and thunderstorm coverage beginning Saturday
- **Flash Flood Watch in effect from 11am Saturday to 5pm Sunday**
- Widespread storm total rainfall amounts over 2 inches likely. Isolated areas with storm total rainfall over 5 inches possible (most likely over/near higher terrain).

## FOR MORE INFORMATION

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

## GRAPHICS



Storm Total Rainfall.png

