



## Widespread Moderate HeatRisk Increasing to Locally Major Today and Tuesday | Thunderstorm Chances Return Mid-Week

### KEY POINTS

- Excessive Heat Warning in Effect for portions of southcentral AZ including the Phoenix Metro on Monday and Tuesday
- Excessive Heat Warning in effect for southwest AZ and southeast CA on Tuesday
- Thunderstorm chances decrease going through early this week, then increase again by Wednesday
- Drier conditions settling into south-central Arizona late this week.

### WEATHER RISK OUTLOOK

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

	Mon 8/19	Tue 8/20	Wed 8/21	Thu 8/22	Fri 8/23
<b>Phoenix Metro</b> Including Maricopa and NW Pinal Counties	Heat	Heat	Heat Thunderstorms	Heat Thunderstorms	Heat
<b>Higher Terrain SC AZ</b> S. Gila County and Tonto NF Foothills in NE Maricopa County	Heat	Heat	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms
<b>Southwest AZ</b> Including La Paz and Yuma Counties	Heat	Heat	Heat Thunderstorms	Heat Thunderstorms	Heat
<b>Southeast CA</b> Including Imperial and Eastern Riverside Counties	Heat	Heat	Heat	Heat	Heat
<b>Joshua Tree National Park</b>	Heat	Heat	Heat	Heat	Heat
<b>Risk Levels</b>	Little to None	Minor	Moderate	Major	Extreme

### DETAILS

## Phoenix Metropolitan



Heat

**Impacts:**

Prolonged exposure to heat can result in heat stroke and heat exhaustion.

**Timing:**

Major Risk Monday and Tuesday, Moderate Risk all other days

**Details:**

- Highs increasing to 106-114°F Monday and Tuesday
- Excessive Heat Warning in effect Monday and Tuesday
- Cooling temperatures mid to late week, with highs 100-107°F



Thunderstorms

**Impacts:**

Strong gusty winds, occasional lightning, localized blowing dust, and brief heavy rainfall

**Timing:**

Wednesday & Thursday

**Details:**

- Thunderstorm chances: 20-40% Wednesday
- Thunderstorm chances: 20-30% Thursday

## Higher Terrain SC AZ



Heat

**Impacts:**

Prolonged exposure to heat can result in heat stroke and heat exhaustion.

**Timing:**

Major Risk Monday and Tuesday, Moderate Risk becoming Minor Risk late week

**Details:**

- Highs increasing to 102-108°F Monday and Tuesday
- Excessive Heat Warning in effect Monday and Tuesday
- Cooling temperatures mid to late week, with highs 95-102°F



Thunderstorms

**Impacts:**

Strong gusty winds, lightning, and locally heavy rainfall

**Timing:**

Wednesday-Friday

**Details:**

- Thunderstorm chances: 30-50% Wednesday and Thursday
- Thunderstorm chances: 15-25% Friday

## Southwest Arizona



Heat

**Impacts:**

Prolonged exposure to heat can result in heat stroke and heat exhaustion.

**Timing:**

Major Risk Tuesday, Moderate Risk all other days

**Details:**

- Highs increasing to 108-113°F by Tuesday
- Excessive Heat Warning in effect Tuesday
- Cooling temperatures mid to late week, with highs 101-107°F



Thunderstorms

**Impacts:**

Strong gusty winds, occasional lightning, localized blowing dust, and brief heavy rainfall

**Timing:**

Wednesday & Thursday

**Details:**

- Thunderstorm chances: 30-40% Wednesday
- Thunderstorm chances: 15-25% Thursday

## Southeast California



Heat

### Impacts:

Prolonged exposure to heat can result in heat stroke and heat exhaustion.

### Timing:

Major Risk Tuesday, Moderate Risk all other days

### Details:

- Highs increasing to 110-115°F Tuesday
- Excessive Heat Warning in effect Tuesday
- Cooling temperatures mid to late week, with highs 102-108°F

## Joshua National Park



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:

Daily Through Wednesday

### Details:

- Highs 94-109°F through Tuesday
- Cooling temperatures with highs 86-100°F by the end of the week

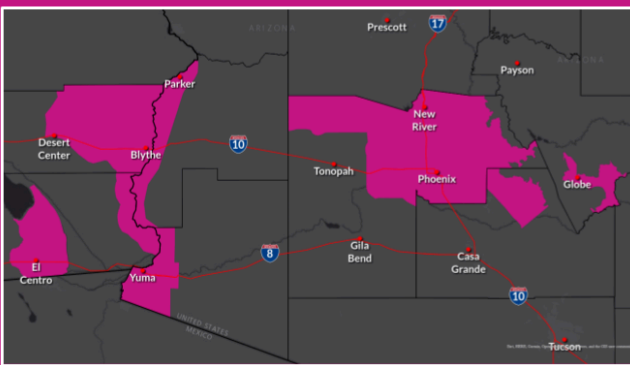
## FOR MORE INFORMATION

For the latest forecast updates, visit [weather.gov/phoenix](https://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](mailto:nws.phoenix@noaa.gov) or call Media - (602) 275-7417; EM - (602) 275-7003.

## GRAPHICS

### Excessive Heat Warning



Areas affected: Portions of South-Central AZ & CO River Valley and Imperial Valley

### Timing

- South-Central AZ
  - 10 AM - 8 PM MST Mon-Tue
- CO River Valley & Imperial Valley
  - 10 AM - 8 PM MST/PDT Tue

### Temperatures

- Monday - Tuesday
  - Highs: 107° - 114°
  - Lows: 81° - 92°

### Precautions

- ✓ **Impact:** High risk of heat stress or illnesses for anyone without effective cooling and/or adequate hydration
- ✓ Stay hydrated—drink at least 2 liters of water per day
- ✓ Avoid exposure to the sun from 10 am to 6 pm
- ✓ If you lack access to air conditioning, free transportation to cooling centers is available 8am-5pm daily through Arizona 211



National Weather Service · Phoenix, AZ

[weather.gov/phoenix](https://weather.gov/phoenix)

Updated: Sunday, August 18, 2024

Don't underestimate the heat! It is the deadliest weather phenomenon in the USA

## Excessive Heat Warning