



Thunderstorm Chances Continue through This Week | Warming Temperatures through the Middle of This Week

KEY POINTS

- Hot and humid conditions will continue through this week. Slight warming trend anticipated through the middle of the week. Widespread Moderate HeatRisk, with isolated areas of Major HeatRisk, during this period.
- Thunderstorm potential continue today, with best chances across the higher terrain areas. Small chances (10-30%) of strong outflow winds (35+ mph gusts).
- Daily thunderstorm chances continue through this week, but will be mostly relegated to higher terrain areas of southcentral AZ.

WEATHER RISK OUTLOOK

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

	Mon 6/24	Tue 6/25	Wed 6/26	Thu 6/27	Fri 6/28	Sat 6/29	Sun 6/30
Phoenix Metro Including Maricopa and NW Pinal Counties	Heat Thunderstorms	Heat	Heat	Heat	Heat	Heat	Heat
Higher Terrain SC AZ S. Gila County and Tonto NF Foothills in NE Maricopa County	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat	Heat	Heat
Southwest AZ Including La Paz and Yuma Counties	Heat Thunderstorms	Heat	Heat	Heat	Heat	Heat	Heat
Southeast CA Including Imperial and Eastern Riverside Counties	Heat	Heat	Heat	Heat	Heat	Heat	Heat
Joshua Tree National Park	Heat	Heat	Heat	Heat	Heat	Heat	Heat

Risk Levels

Little to None	Minor	Moderate	Major	Extreme
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DETAILS

Phoenix Metropolitan



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 Moderate HeatRisk

Details:

- Moderate HeatRisk this week, with localized (less than 10% coverage) Major HeatRisk developing by the middle of this week
- Highs ranging between 107-112°F through the middle of this week before slight cooling temperatures through the end of this week
- Overnight lows 85-92°F through the middle of this week



Thunderstorms

Impacts:

Gusty winds, lightning, and localized heavy rainfall

Timing:

Today

Details:

- Thunderstorm Chances Today: 5-15% across the Phoenix metro, 15-25% in higher terrain of Pinal and far eastern Maricopa counties
- Thunderstorm Threats/Impacts Today: Strong outflow winds (10-30% chance of winds gusting 35+ mph)
- Generally low (5-15%) thunderstorm chances Tuesday onward

Higher Terrain SC AZ



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 Moderate HeatRisk

Details:

- Moderate HeatRisk through this week
- Highs ranging from 98-105°F through the middle of this week, before slight cooling temperatures late this week



Thunderstorms

Impacts:

Gusty winds, lightning, and localized heavy rainfall

Timing:

Daily through Thursday

Details:

- Thunderstorm Chances Today: 20-40%
- Thunderstorm Threats/Impacts Today: Strong outflow winds (10-30% chance of winds gusting 35+ mph) and localized heavy downpours (low threat for localized flooding relegated to burn scars)
- Daily thunderstorm chances continue through Thursday, with chances gradually decreasing throughout the week

Southwest Arizona



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 Moderate HeatRisk

Details:

- Moderate HeatRisk through this week, with localized (less than 10% coverage) Major HeatRisk developing by the middle of this week
- Highs range generally from 105-111°F through the middle of this week before slight cooling temperatures late this week



Thunderstorms

Impacts:

Gusty winds, lightning, and brief heavy downpours

Timing:

Today

Details:

- Thunderstorm Chances Today: 10-20% chance of thunderstorms anticipated mainly over higher terrain spots in La Paz County
- Thunderstorm Threats/Impacts Today: 10-30% chance of gusty outflow winds of 35+ mph

Southeast California



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 Moderate HeatRisk

Details:

- Moderate HeatRisk through this week, with areas (10-20% coverage) of Major HeatRisk through most of this week
- Highs range generally from 107-113°F through the middle of this week before slight cooling late this week

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 Moderate HeatRisk

Details:

- Moderate HeatRisk through this week
- Highs range generally from 101-110°F (93-98°F) for the lower (higher) elevations through the middle of this week before slight cooling temperatures late this week

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 (602) 275-7003.

GRAPHICS

Thunderstorms Chances Today/Tonight

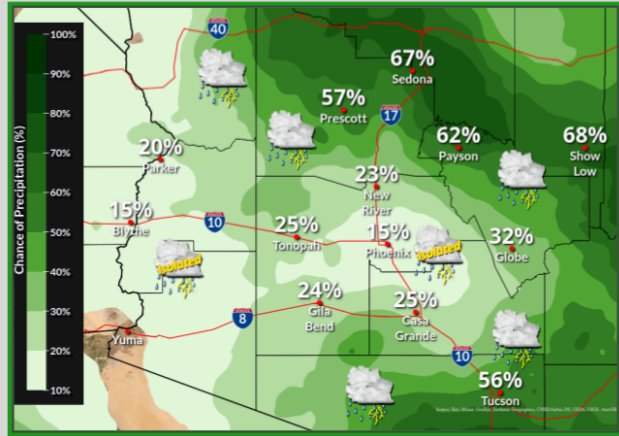
Monday, June 24th, 2024

Details:

- Isolated to widely scattered showers and thunderstorms will develop over the region today
- The greatest storm coverage will exist across the higher terrain of south central AZ with isolated storms possible in the lower deserts
- Any storm that develops will be capable of producing gusty outflow winds, frequent lightning, and brief heavy rainfall.

Impacts:

-  Localized **flooding**
-  Frequent **lightning**
-  Gusty winds in excess of 30 mph from thunderstorm outflows possible



National Weather Service · Phoenix, AZ

weather.gov/phoenix

Issued: Monday, June 24, 2024 at 3:00 AM MST

Thunderstorm Chances Today

Rain Chances Continue through Mid-Week

Rainfall probabilities Tuesday and Wednesday

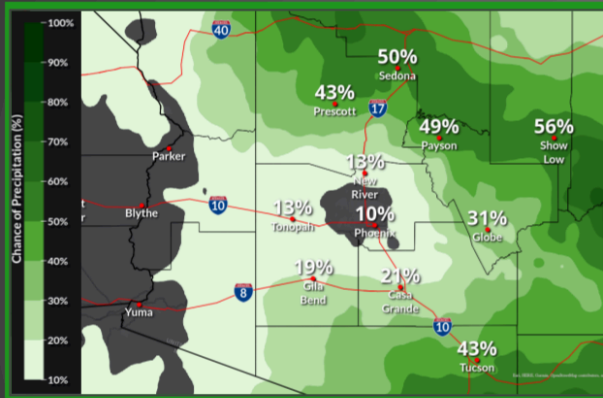
Weather Forecast Office

Phoenix, AZ

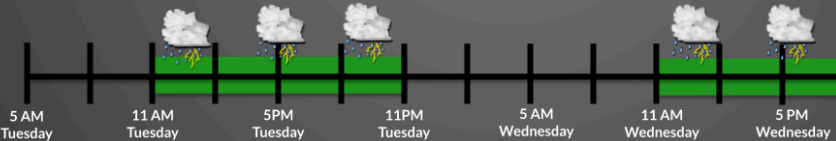
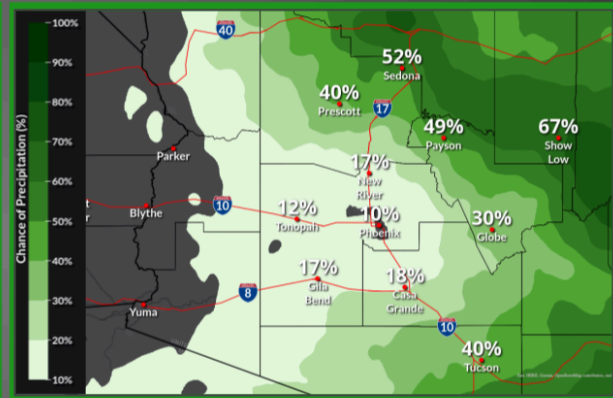
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Rain Chances Tuesday



Rain Chances Wednesday



Rain chances will diminish by the end of this week

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Thunderstorm Chances Tuesday & Wednesday

Forecast High Temperatures

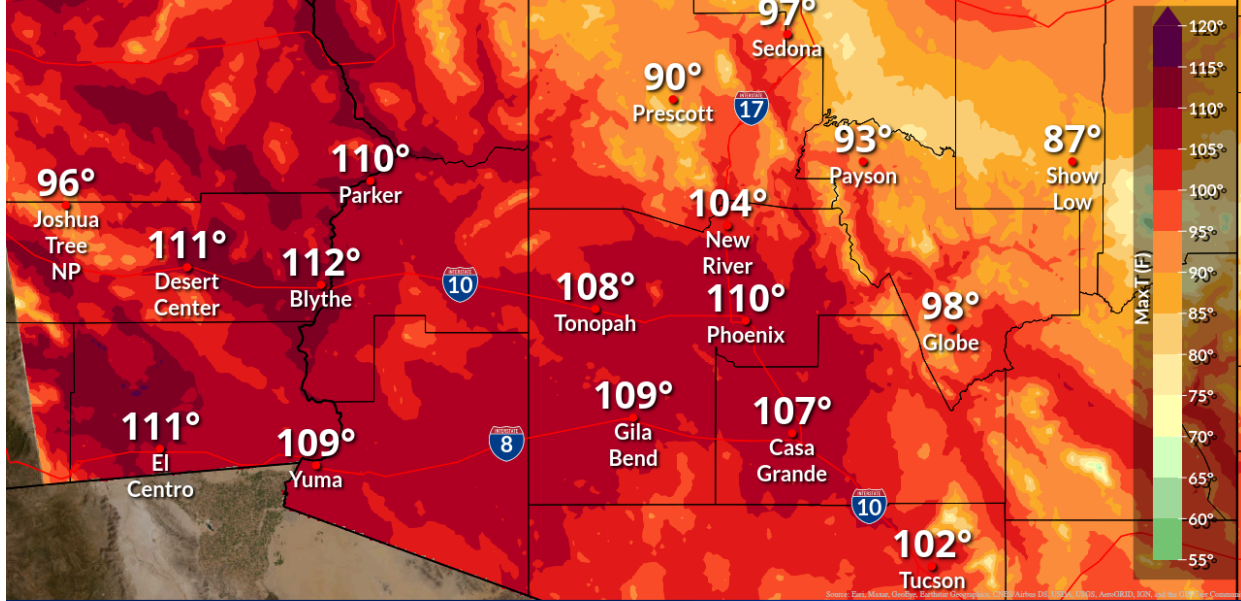
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Today



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High Temperatures Today