



Long-Duration Heat Wave Continues | Chance for Mainly High Terrain Storms This Week

KEY POINTS

- Prolonged excessive heat event likely to cause public health impacts with the greatest impacts likely Thursday through the weekend.
- Areas of Major HeatRisk as early as Wednesday with localized Extreme HeatRisk possible over the weekend.
- Isolated mainly high terrain thunderstorms are possible each day, with the highest chances on Tuesday.
- [NOAA/NWS Phoenix Heat Page](#)

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 7/10	Tue 7/11	Wed 7/12	Thu 7/13	Fri 7/14
Phoenix Metro Area Including Maricopa & NW. Pinal Counties	Heat Isolated T-storms	Heat Isolated T-storms	Heat Isolated T-storms	Heat	Heat
High Terrain SC AZ S. Gila County and Tonto NF Foothills in NE Maricopa County	Heat Isolated T-storms	Heat Isolated T-storms	Heat Isolated T-storms	Heat Isolated T-storms	Heat Isolated T-storms
Southwest Arizona Including La Paz & Yuma Counties	Heat	Heat	Heat	Heat	Heat
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:

- Major Risk for heat-related illnesses for pets, livestock, and much of the population, especially with extended outdoor exposure, and for those who are heat sensitive and/or without effective cooling and/or adequate hydration.

Timing:

Moderate to Locally Major HeatRisk through Wednesday; Increased Areas of Major HeatRisk thereafter

- **Excessive Heat Warning** Currently through Sunday.
- Mainly moderate HeatRisk through Wednesday - high temperatures between 108-114°F and overnight lows 80-88°F.
- Increasing areas of Major HeatRisk to localized Extreme HeatRisk by Thursday - high temperatures between 111-117°F and overnight lows 85-93°F.



Thunderstorms

Impacts:

Lightning, gusty winds, patchy blowing dust

Timing:

Mainly Tuesday Evening

- 10-15% chance of high terrain thunderstorms reaching the Phoenix metro area Tuesday. ~5% today and Wednesday
- Potential for localized areas of blowing dust, especially in NW Pinal County due to wind gusts from outflows.

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:

Daily

- Moderate HeatRisk with high temperatures ranging from 95-104°F through Wednesday. 99-110°F Friday-Sunday.
- Localized areas of Major HeatRisk possible starting Friday.



Thunderstorms

Impacts:

Lightning, gusty winds

Timing:

Daily

- 20-50% chance of thunderstorms through Wednesday, lower chances late week, favoring eastern part of Gila County.
- Dry lightning could be a threat due to overall continued dry conditions.

Southwest Arizona (La Paz & Yuma Counties)



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.

- Major Risk for heat-related illnesses for pets, livestock, and much of the population, especially with extended outdoor exposure, and for those who are heat sensitive and/or without effective cooling and/or adequate hydration.

Timing:

Mainly Moderate HeatRisk through Wednesday; Increasing areas of Major HeatRisk late week

- **Excessive Heat Warning** in effect for Tuesday-Sunday.
- Mainly Moderate HeatRisk through Wednesday with high temperatures ranging from 106-113°F, or slightly above normal.
- Areas of Major HeatRisk by Thursday lasting through the weekend - high temperatures between 111-117°F.

Southeast California (Imperial and Eastern Riverside Counties)



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.
- Major Risk for heat-related illnesses for pets, livestock, and much of the population, especially with extended outdoor exposure, and for those who are heat sensitive and/or without effective cooling and/or adequate hydration.

Timing:

Mainly Moderate HeatRisk through Wednesday; Increasing areas of Major HeatRisk late week

- **Excessive Heat Warning** in effect for Tuesday-Sunday.
- Mainly Moderate HeatRisk through Wednesday with high temperatures ranging from 107-114°F, or slightly above normal.
- Areas of Major HeatRisk by Thursday lasting through the weekend - high temperatures between 112-118°F.

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 **Media - (602) 275-7417; EM - (602) 275-7003**.

GRAPHICS

Maximum Temperature Forecast

	7/10	7/11	7/12	7/13	7/14	7/15	7/16	7/17
	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
Phoenix, AZ	111	112	114	115	115	117	117	116
Scottsdale, AZ	108	110	110	112	112	115	114	113
Glendale, AZ	108	110	110	112	112	115	114	113
Mesa, AZ	109	110	111	112	113	115	114	114
Apache Junction, AZ	106	107	109	110	110	112	112	111
Buckeye, AZ	109	110	111	112	113	115	114	114
Anthem, AZ	105	107	107	109	109	112	111	110
Wickenburg, AZ	105	107	108	110	111	113	112	110
Casa Grande, AZ	106	108	109	110	110	112	112	112
Globe, AZ	101	101	101	102	103	106	105	104
San Carlos, AZ	107	107	107	108	109	112	111	110
Tonto Basin, AZ	106	107	107	108	110	112	111	110
Quartzsite, AZ	108	110	112	112	112	115	115	114
Parker, AZ	109	112	113	114	115	117	117	116
Yuma, AZ	106	110	112	112	112	114	114	113
Gila Bend, AZ	108	110	110	112	112	114	114	113
Blythe, CA	110	112	114	115	115	117	117	117
El Centro, CA	109	112	113	114	115	116	117	116
Joshua Tree NP, CA	94	96	98	99	99	102	102	101

*Table values in °F

**Created: 3 am MST Mon 7/10/2023

***Values are maximums over the period beginning at the time shown.

23-07-10_Forecast_Highs.png

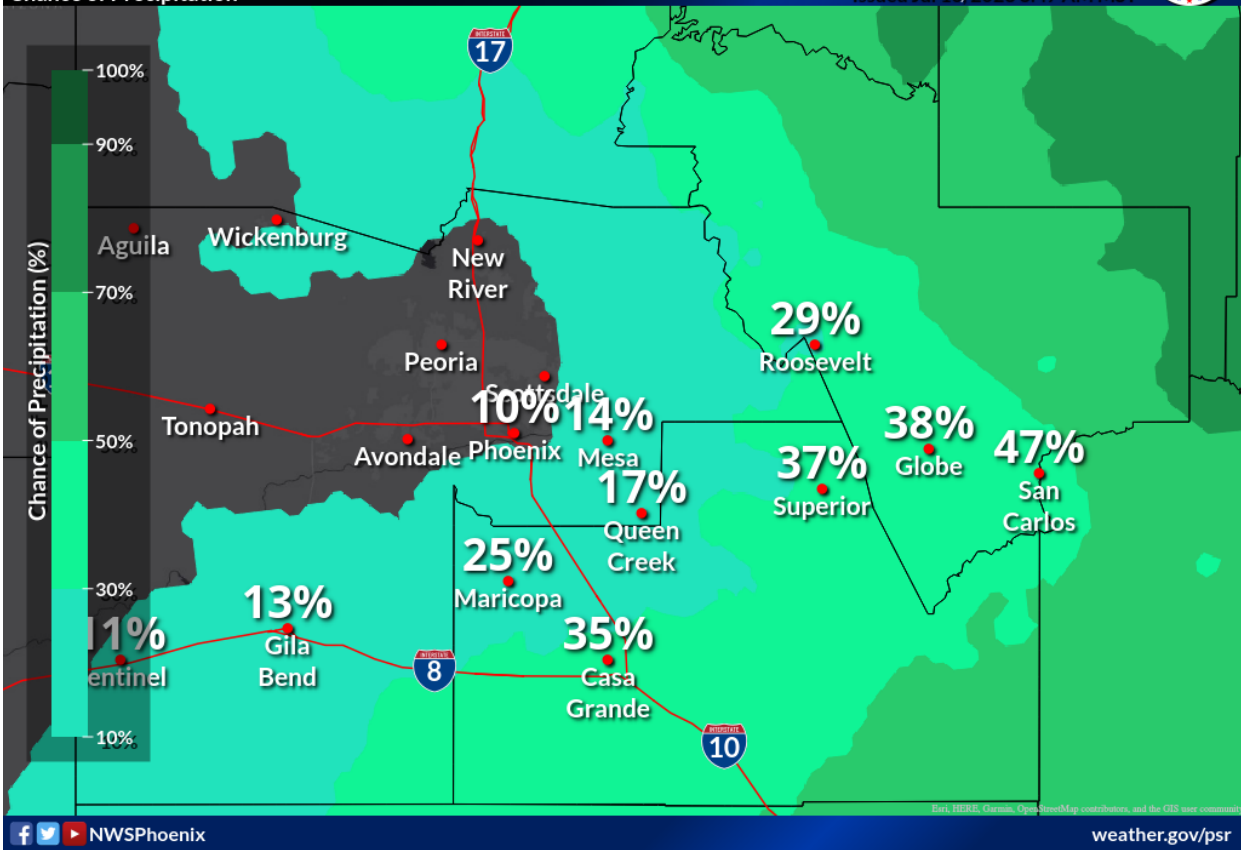
Best Chance for Thunderstorms on Tuesday

Weather Forecast Office
Phoenix, AZ



Chance of Precipitation

Issued Jul 10, 2023 3:47 AM MST



NWSPhoenix

weather.gov/psr

23-07-10_Tue_PoPs2.png