



Prolonged Heat Wave Through Much Of This Week | Storm Chances Increase

KEY POINTS

- Long-duration excessive heat event likely to cause continued public health impacts with Major to Extreme HeatRisk through much of this week. Record temperatures possible each day.
- A few strong thunderstorms capable of producing strong winds and blowing dust possible this afternoon/evening across south-central AZ.
- Chances for isolated thunderstorms continue each day this week over the high terrain east of Phoenix.
- [NOAA/NWS Phoenix Heat Page](#)

CHANGES FROM PREVIOUS BRIEFING

- Extended the Excessive Heat Warning through Friday for the lower deserts.
- Extended the Excessive Heat Warning through Wednesday for areas including Superior and San Carlos.
- Blowing Dust Advisory issued for this afternoon and evening for portions of northwest Pinal County.

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 7/17	Tue 7/18	Wed 7/19	Thu 7/20	Fri 7/21
Phoenix Metro Area Including Maricopa & NW Pinal Counties	Heat Thunderstorms	Heat Thunderstorms	Heat	Heat	Heat
High Terrain SC AZ S. Gila County and Tonto NF Foothills in NE Maricopa County	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms
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:

- Extreme Risk for heat-related illnesses for entire population, pets, and livestock due to long duration heat, with little to no relief overnight.

Timing:

Daily Major to Extreme HeatRisk

- **Excessive Heat Warning** in effect through Friday.
- Through Friday: high temperatures between 110-118°F and overnight lows 86-95°F.



Thunderstorms

Impacts:

Lightning, gusty winds, blowing dust

Timing:

Today

- Up to 20-30% chance of thunderstorms today across the lower deserts.
- Up to 50-60% chance of outflow winds in excess of 35 mph.
- Blowing Dust Advisory in effect this afternoon/evening for portions of northwest Pinal County.

Higher Terrain South Central Arizona (Southern Gila County & Tonto NF Foothills in Maricopa County)



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:

Major HeatRisk Through At Least Wednesday

- Through Wednesday: high temperatures between 99-112°F

Southwest Arizona (La Paz & Yuma Counties)



Heat

Impacts:

- Extreme Risk for heat-related illnesses for entire population, pets, and livestock due to long duration heat, with little to no relief overnight.

Timing:

Daily Major to Extreme HeatRisk

- **Excessive Heat Warning** in effect through Friday.
- Through Friday: high temperatures ranging from 111-119°F

Southeast California (Imperial and Eastern Riverside Counties)



Heat

Impacts:

- Extreme Risk for heat-related illnesses for entire population, pets, and livestock due to long duration heat, with little to no relief overnight.

Timing:

Daily Major to Extreme HeatRisk

- **Excessive Heat Warning** in effect through Friday.
- Through Friday: high temperatures ranging from 112-120°F

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**.

GRAPHICS

Very Dangerous Long Duration Heat!

Intense Heat - **Major** to **Extreme** Risk Areawide through all of this week

extreme
VERY HIGH risk of heat-related illness for the entire population without protective action

major
HIGH risk of heat-related illness for much of the population without protective action

moderate

minor

little/none

Heat Risk

Highs:

- Today: 112° - 115°
- Tuesday - Friday: **112°-118°**

Lows:

- Mid 80s - Low 90s



Lower deserts



Stay hydrated with plenty of water



Avoid time outdoors between 10 am - 6 pm



If you have AC, use it. Fans will not be adequate



Stay in a cool place, including overnight



National Weather Service - Phoenix, AZ
weather.gov/phoenix

Updated: Monday, July 17, 2023

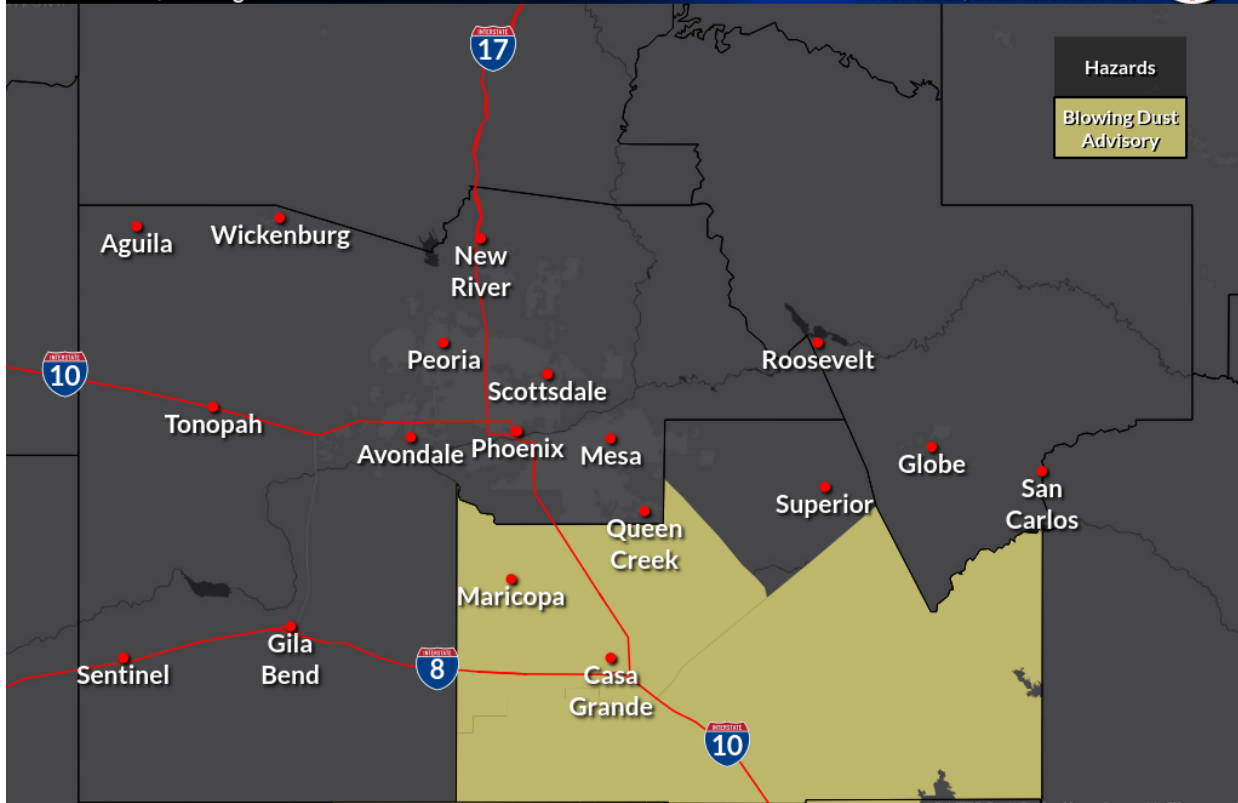
Long Duration Excessive Heat

Blowing Dust Advisory

This Afternoon/Evening

Weather Forecast Office
Phoenix, AZ

Issued Jul 17, 2023 5:05 AM MST



NWSPhoenix

weather.gov/psr

Blowing Dust Advisory

Heat Exhaustion

Heat Stroke

ACT FAST

- Move to a cooler area
- Loosen clothing
- Sip cool water
- Seek medical help if symptoms don't improve

Dizziness

Thirst

Heavy Sweating

Nausea

Weakness



Confusion

Dizziness

Becomes Unconscious

ACT FAST

CALL 911

- Move person to a cooler area
- Loosen clothing and remove extra layers
- Cool with water or ice

Heat exhaustion can lead to heat stroke.

Heat stroke can cause death or permanent disability if emergency treatment is not given.



Stay Cool, Stay Hydrated, Stay Informed!



Heat Symptoms