



Strong to Severe Storms Possible Today in Arizona

KEY POINTS

- **Strong to severe storms possible today mainly across south-central AZ. Areas of blowing dust with some dense dust likely across south-central AZ and southwest AZ late this afternoon and evening.**
- **Excessive Heat Warning across Lower CO River Valley and southeast CA today**
- **Chances for thunderstorms will gradually decrease during the latter half of the week, eventually focused mainly over high terrain areas of Arizona by Thursday.**
- **Near normal temperatures expected for Wednesday and Thursday before heating back up into the weekend with some potential for Major HeatRisk.**

CHANGES FROM PREVIOUS BRIEFING

Increased thunderstorm wind risk to Major for Maricopa and Pinal Counties, including Phoenix.

WEATHER RISK OUTLOOK

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

	Tue 8/6	Wed 8/7	Thu 8/8	Fri 8/9	Sat 8/10
Phoenix Metro Including Maricopa and NW Pinal Counties	Thunderstorms Heat Blowing Dust	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms
Higher Terrain SC AZ S. Gila County and Tonto NF Foothills in NE Maricopa County	Thunderstorms Heat	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms
Southwest AZ Including La Paz and Yuma Counties	Heat Blowing Dust Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms	Heat Thunderstorms
Southeast CA Including Imperial and Eastern Riverside Counties	Heat Blowing Dust	Heat Thunderstorms	Heat	Heat	Heat
Joshua Tree National Park	Heat	Heat Thunderstorms	Heat	Heat	Heat Thunderstorms
Risk Levels	Little to None	Minor	Moderate	Major	Extreme

DETAILS

Phoenix Metropolitan



Thunderstorms

Impacts:

Strong to locally severe winds, lightning, and locally heavy rainfall

Timing:

Major Today, Minor other days

Details:

- Today: Thunderstorm wind gusts >35 mph 70% chance and >58 mph 10-30% chance
- Today: Locally heavy rainfall possible with isolated amounts between 1-2"



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 Risk Today-Friday; Major Risk Saturday

Details:

- Highs: 108-111°F Today, cooling to near normal for Wednesday and Thursday
- Above normal temperatures starting Friday with highs 109-114°F by Saturday with areas of Major HeatRisk.



Blowing Dust

Impacts:

Areas of blowing dust, locally dense possible

Timing:

Late this afternoon and early evening

Details:

- Blowing Dust Advisory in effect from 5-8 pm today with visibilities between 1/4 mile and 1 mile.

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:

Minor to Moderate Risk daily

Details:

- Near normal temperatures starting Wednesday before warming back to above normal late week into the weekend



Thunderstorms

Impacts:

Strong gusty winds, lightning, and locally heavy rainfall

Timing:

Moderate Risk Today; Minor Risk starting Wednesday

Details:

- Today: Thunderstorm wind gusts >35 mph 50-70% chance and 58 mph 5-10% chance
- Daily storm chances 20-40% starting Wednesday with an overall minor risk of impacts

Southwest Arizona

**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 Risk Today-Friday; Major Risk Saturday

Details:

- **Excessive Heat Warning** in effect for Today along Lower CO River Valley
- Highs: 108-112°F Today with Heat Indices above 115°F in many locations
- Near normal temperatures Wednesday and Thursday before warming back to 110-113°F by Saturday.

**Impacts:**

Areas of blowing dust, locally dense possible

Timing:

This evening

Details:

- Blowing Dust Advisory in effect from 7-10 pm today with visibilities between 1/4 mile and 1 mile.

**Impacts:**

Strong to locally severe winds, lightning, and locally heavy rainfall

Timing:

Moderate Risk Today; Minor risk most other days

Details:

- Today: Scattered thunderstorms in the evening with thunderstorm wind gusts chances >35 mph 50-70% and >58 mph 10-20%

Southeast California

**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 Risk Today and Saturday

Details:

- **Excessive Heat Warning** in effect Today
- Highs: 108-113°F Today with Heat Indices above 115°F.
- Near normal temperatures Wednesday and Thursday before warming back to 110-113°F by Saturday.

**Impacts:**

Strong gusty winds, lightning, and locally heavy rainfall

Timing:

Mainly Wednesday

Details:

- 15-25% rain chances Wednesday with isolated thunderstorms

**Impacts:**

Patchy Blowing Dust

Timing:

Late This Evening

Details:

- Blowing dust possible mainly between 9 pm-12am across eastern Riverside and eastern Imperial Counties.

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

Details:

- **Excessive Heat Warning** in effect Today
- Highs today (including lower deserts and higher terrain): 95-111°F
- Near normal temperatures Wednesday and Thursday before warming back to above normal by the weekend



Thunderstorms

Impacts:

Strong gusty winds, lightning, and locally heavy rainfall

Timing:

Mainly Wednesday

Details:

- 10-20% rain chances Wednesday with isolated thunderstorms

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

Severe Storm Risk

Tuesday, August 6, 2024

Details

- Storms will develop across the higher terrain areas of eastern AZ this afternoon.
- Some storms will survive into the lower deserts along with new development across south-central & southwestern AZ along deep/colliding outflow boundaries.
- Likely timing for storms to affect the lower deserts will be between **4-11 PM MST**.

Slight Risk Area Hazards



Wind Gusts 35+ MPH: **60-80% Chance**

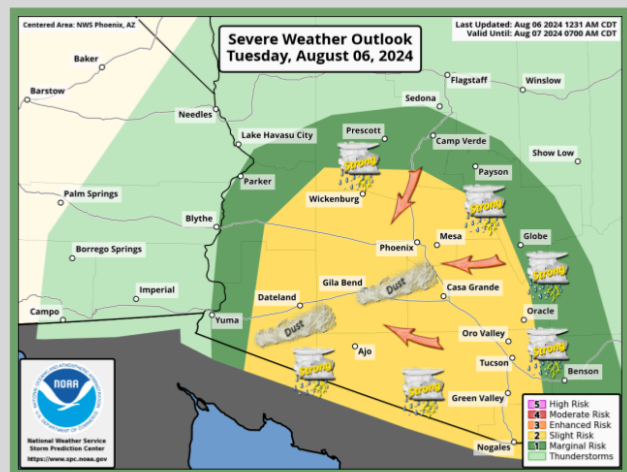
Wind Gusts 58+ MPH: **10-30% Chance**



Areas of dense **Blowing Dust**



Localized **Flooding**



All storms contain
deadly lightning!



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Updated: Tuesday, August 6, 2024

SevereStormOutlook_0806.png

Excessive Heat Warning



Areas affected: Lower Colorado River Valley and southeast CA



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🕒 Timing

- Through 8 PM PDT/MST this evening

🌡️ Temperatures

- Highs 108° to 113°
 - Max Heat Indices 114° to 118°

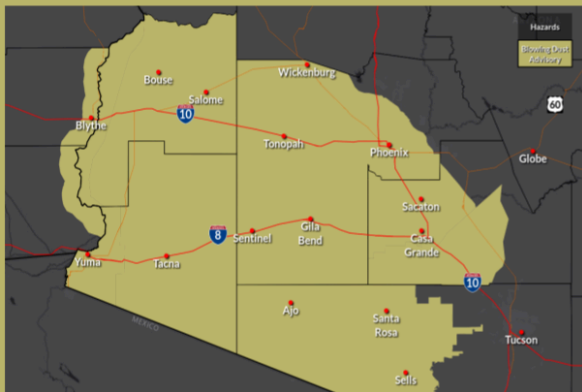
⚠️ Precautions

- ✓ **Impact:** High risk of heat stress or illnesses for anyone without effective cooling and/or adequate hydration.
- ✓ Stay hydrated
- ✓ Avoid exposure to the sun from 10 am to 6 pm

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

ExcessiveHeatWarning_0806.png

Blowing Dust Advisory



Areas affected: Lower deserts of south-central and southwest AZ and Lower Colorado River Valley



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🕒 Timing

- Late afternoon and evening hours today, August 6th

🌀 Forecast

- Visibility under 1 mile
- Strong winds in excess of 40-50 mph from thunderstorm outflows

⚠️ Precautions

- ✓ Hazardous driving conditions 
- ✓ Blowing debris
- ✓ Pull Aside, Stay Alive when encountering dense blowing dust

BlowingdustAdvisory_0806.png

Flooding Possible

Tuesday August 6, 2024

Forecast

Average amounts **0.05-0.50"** with isolated amounts upwards of **1.50-2.00"**



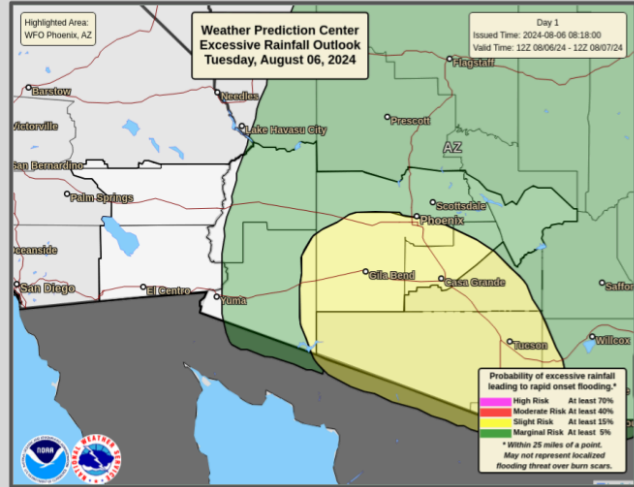
Ponding water & roadway flooding



Rises on small creeks & normally dry washes



Do not drive through flooded roads & low water crossings



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FloodOutlook_0806.png