



Flood Watch Through This Evening | Some Strong to Severe Storms Possible Today

KEY POINTS

- Rain chances further increase today with a greater threat for flash flooding. Flood Watches are in effect or much of the area today.
- Some strong to severe storms will also be possible during the afternoon and evening. The primary threat will be damaging winds with some small hail possible.
- Chances for thunderstorms linger Saturday before drier, warmer conditions set in for the start of next week.

CHANGES FROM PREVIOUS BRIEFING

- Issued a **Flood Watch** for much of southeast California beginning at noon and continuing until midnight.

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.

| | Fri 9/1 | Sat 9/2 | Sun 9/3 | Mon 9/4 | Tue 9/5 |
|---|---|-----------------------|---------|---------|---------|
| Phoenix Metro Area Including Maricopa & NW. Pinal Counties | Flash Flooding Thunderstorms Heat | Thunderstorms Heat | Heat | Heat | Heat |
| High Terrain SC AZ S. Gila County and Tonto NF Foothills in NE Maricopa County | Flash Flooding Thunderstorms Heat | Thunderstorms Heat | Heat | Heat | Heat |
| Southwest Arizona Including La Paz & Yuma Counties | Flash Flooding Thunderstorms Heat | Thunderstorms Heat | Heat | Heat | Heat |
| Southeast California Including Imperial & Eastern Riverside Counties | Flash Flooding Thunderstorms Heat | Heat | Heat | Heat | Heat |

| | | | | | |
|-------------|----------------|-------|----------|-------|---------|
| Risk Levels | Little to None | Minor | Moderate | Major | Extreme |
|-------------|----------------|-------|----------|-------|---------|

DETAILS

Phoenix Metropolitan Area

**Impacts:**

Heavy rain leading to flash flooding.

Timing:

Today: Major

• Flood Watch Through This Evening

- High rainfall rates and training of stronger thunderstorms will be capable of producing flash flooding
- Slight Risk (15-20% chance) for rainfall leading to flash flooding today
- Total rainfall forecast through Sat: Favored - 0.5-0.75", Reasonable highest - 1.00-2.00", Reasonable lowest - 0.00-0.15"
- Very localized 2+ inch amounts (<5% chance)

**Impacts:**

Strong to severe wind gusts, dense blowing dust, heavy rainfall capable of producing flash flooding, and lightning.

Timing:

Moderate Risk: Today; Minor Risk: Saturday

- Today: Isolated to scattered showers and thunderstorms (50-70% chance) capable of producing strong to severe wind gusts, heavy rain leading to flash flooding, blowing dust, and small hail
- Saturday: Lingering afternoon showers and thunderstorms, favoring high terrain areas just outside the metro

**Impacts:**




Minor Risk for heat-related illnesses for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration.

Timing:




Minor HeatRisk: Daily

- Temperatures fall below normal today
- Temperatures gradually trend upward next week

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

| | |
|--|--|
|  Thunderstorms | <p>Impacts: Strong to severe wind gusts, heavy rainfall capable of producing flash flooding, and lightning.</p> <p>Timing: Moderate Risk: Today; Minor Risk: Saturday</p> <ul style="list-style-type: none">• Today: Scattered showers and thunderstorms (50-70% chance) capable of producing strong to severe wind gusts, heavy rain leading to flash flooding, blowing dust, and small hail• Saturday: Lingering afternoon showers and thunderstorms (30-40% chance) |
|  Flooding | <p>Impacts: Heavy rain leading to flash flooding.</p> <p>Timing: Moderate: Today; Minor: Saturday</p> <ul style="list-style-type: none">• High rainfall rates and training of stronger thunderstorms will be capable of producing flash flooding• Slight Risk (15% chance) for rainfall leading to flash flooding today• Burn scars will be especially prone to rapid runoff• Total rainfall forecast through Sat: Favored - 0.5-1.0", Reasonable highest - 1.5-2.0", Reasonable lowest - 0.00-0.25"• Very localized 2+ inch amounts (<5% chance) |
|  Heat | <p>Impacts: Minor Risk for heat-related illnesses for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration.</p> <p>Timing: Minor HeatRisk: Daily</p> <ul style="list-style-type: none">• Temperatures fall below normal today• Temperatures gradually trend upward next week |

Southwest Arizona (La Paz & Yuma Counties)

| | |
|--|---|
|  Flooding | <p>Impacts: Heavy rain leading to flash flooding.</p> <p>Timing: Today: Major (Mainly for La Paz Co)</p> <ul style="list-style-type: none">• Flood Watch Through This Evening• High rainfall rates and training of stronger thunderstorms will be capable of producing flash flooding• Slight Risk (15-20% chance) for rainfall leading to flash flooding today |
|  Thunderstorms | <p>Impacts: Strong to severe wind gusts, blowing dust, heavy rainfall capable of producing flash flooding, and lightning.</p> <p>Timing: Moderate Risk: Today; Minor Risk: Saturday</p> <ul style="list-style-type: none">• Isolated to scattered showers and thunderstorms (30-70%) capable of producing strong to locally severe wind gusts, heavy rain leading to flash flooding, blowing dust, and small hail |
|  Heat | <p>Impacts: Minor Risk for heat-related illnesses for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration.</p> <p>Timing: MinorHeatRisk: Daily</p> <ul style="list-style-type: none">• Temperatures fall below normal today• Temperatures gradually trend upward next week |

Southeast California (Imperial and Eastern Riverside Counties)



Flooding

Impacts:

Heavy rain leading to flash flooding.

Timing:

Today: Major

• Flood Watch from noon today until midnight

- High rainfall rates and training of stronger thunderstorms will be capable of producing flash flooding
- Slight Risk (15-20% chance) for rainfall leading to flash flooding today



Thunderstorms

Impacts:

Strong wind gusts, blowing dust, heavy rainfall capable of producing localized flash flooding, and lightning.

Timing:

Today

- Isolated to scattered showers and thunderstorms (30-60%) capable of producing strong to locally severe wind gusts, localized heavy rainfall, blowing dust, and small hail



Heat

Impacts:

Minor Risk for heat-related illnesses for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration.

Timing:

Minor HeatRisk: Daily

- Temperatures fall below normal today
- Temperatures gradually trend upward next week

FOR MORE INFORMATION

For the latest forecast updates, visit [weather.gov/phoenix](https://www.weather.gov/phoenix).

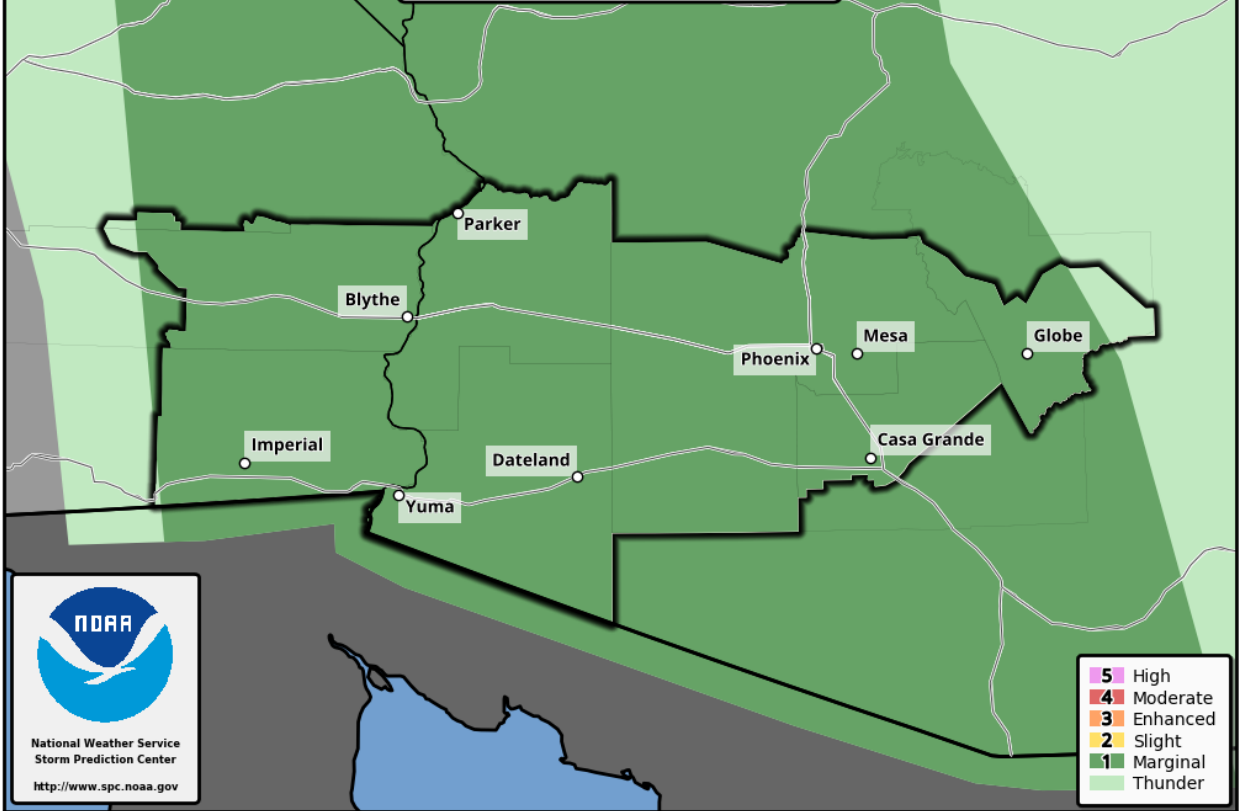
If you have questions or would like to submit weather reports, photos, or to unsubscribe from these briefings, email nws.phoenix@noaa.gov or call **Media - (602) 275-7417; EM - (602) 275-7003**.

GRAPHICS

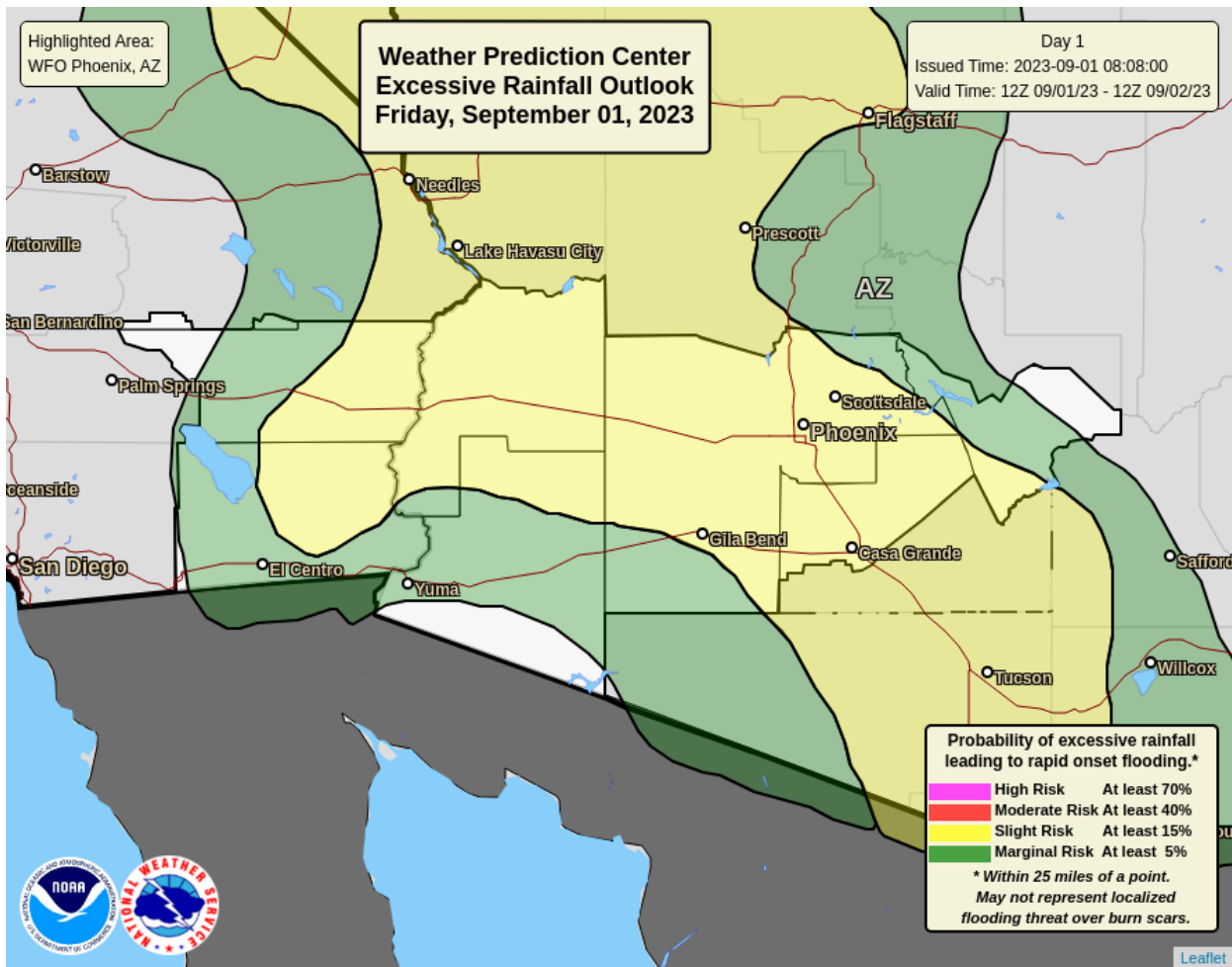
Highlighted Area: NWS Phoenix, AZ

Last Updated: Sep 01 2023 0749 AM CDT
Valid Until: Sep 02 2023 0700 AM CDT

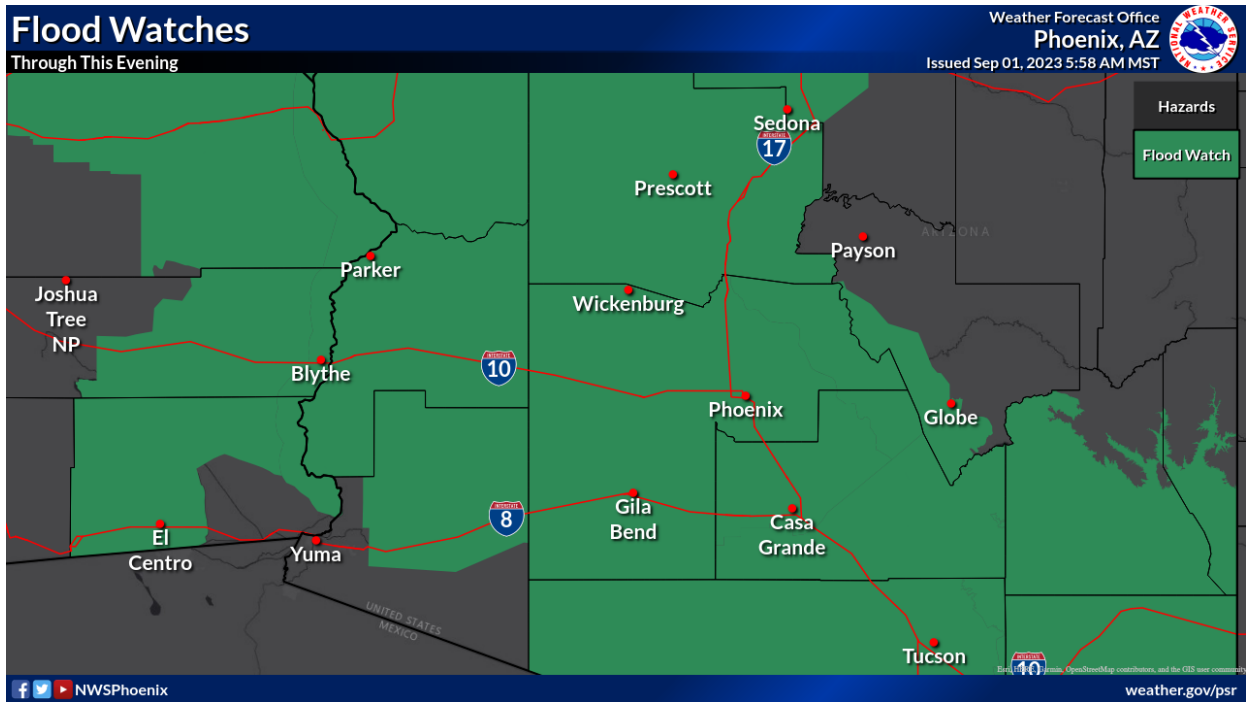
Severe Weather Outlook Friday, September 01, 2023



PSR Severe Weather Outlook



PSR Excessive Rainfall Outlook



Flood Watch

Rain Chances

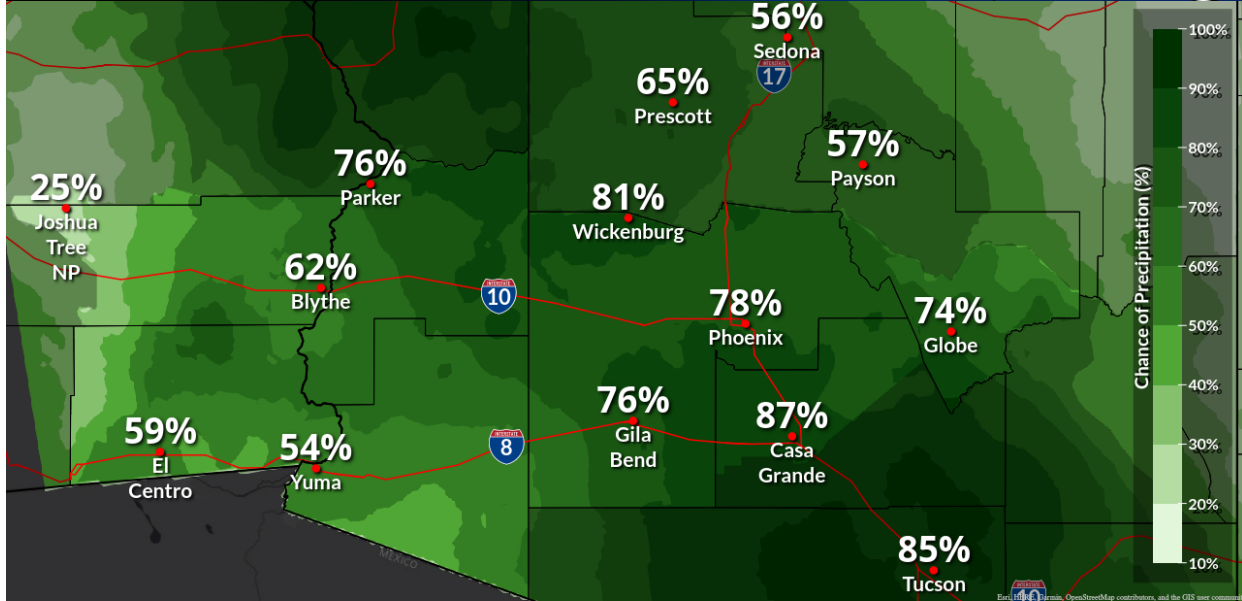
Weather Forecast Office

Phoenix, AZ

Issued Sep 01, 2023 6:01 AM MST



Today



NWSPhoenix

Map data by OpenStreetMap contributors, and the GIS user community

weather.gov/psr

Today's Rain Chances