

Summary

- The region has experienced 110°F temperatures for 10 consecutive days and at least another full week of such conditions is expected.
- Major to Extreme HeatRisk is currently forecast for the end of the upcoming week with a chance of temperatures reaching 120°F.
- Heat-associated deaths and illnesses are tracking below 2022 year-to-date statistics.
- City departments are reporting services and programs continuing as normal.

1. NATIONAL WEATHER SERVICE FORECAST

Extremely high temperatures are forecast for the upcoming week, in which the region is anticipated to approach the all-time record of 18 consecutive 110°F days. There is a 20% chance that temperatures reach 120°F on Saturday. Temperatures above 117°F have only been recorded 18 times in the history of Sky Harbor Airport.

Mon	Tue	Wed	Thu	Fri	Sat	Sun
111	113	113	115	116	117	117
92	92	92	91	90	91	92
No risk.		Risk to those extremely sensitive to heat.	Risk to those sensitive to heat.	Risk to most people.	Risk to everyone.	
None		Low	Moderate	High	Very High	

The extended forecast keeps the odds very much in favor of above-normal temperatures for the following week. There are no clear signals of a transition toward the typical late season monsoonal pattern at this time.

NWS Phoenix Forecast Office Heat Dashboard: <https://www.weather.gov/psr/heatdashboard>

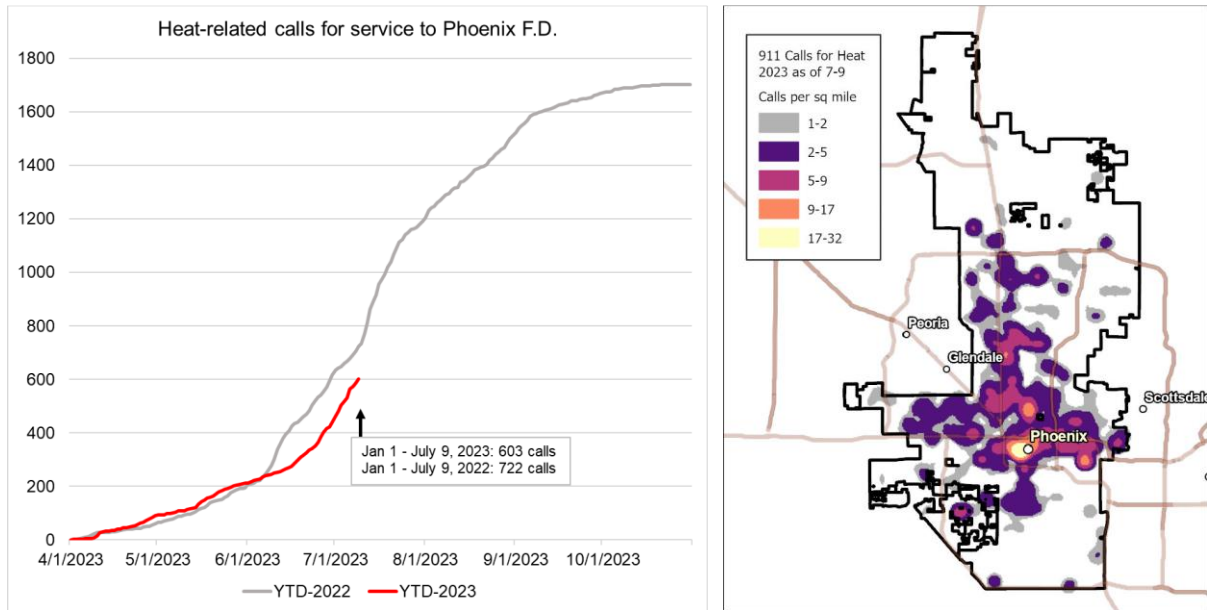
2. HEAT-HEALTH DATA

HEAT-RELATED MORTALITY AND MORBIDITY

The Maricopa County Department of Public Health has confirmed 8 heat-associated deaths countywide for 2023 as of July 6, with 40 cases under investigation. All 8 cases were associated with outdoor exposure and 4 were among people experiencing homelessness. As of the same time last year, there were 13 confirmed cases with 92 under investigation. All MCDPH heat-health reports are available online: <https://www.maricopa.gov/1858/Heat-Surveillance>.

HEAT-RELATED CALLS FOR SERVICE TO PHOENIX FIRE DEPARTMENT

As of July 9, 2023, heat-related calls for service to the Phoenix Fire Department were running approximately 20% **lower** than 2022. Spatially, heat-related calls for service were concentrated in a few areas: the Central City/Downtown area, Indian School Rd and Central Ave, Sky Harbor airport, and along the I-17 from Indian School Rd to Peoria Ave.



3. DEPARTMENT AND PROGRAM REPORTS

- Heat Relief Network facilities:
 - There are 62 city facilities serving as cooling centers or hydration stations. Information about all regional heat relief sites is available from MAG: <https://hrn.azmag.gov/>. Free transportation to cooling centers is available 8am-5pm daily through Arizona 211.
- Heat Response and Mitigation / Volunteer Programs:
 - The We're Cool heat relief outreach program has reached 3,442 engagements across 40 shifts. Outreach takes place at rotating locations on Tuesdays, near the Human Services Campus on Wednesdays, near City Hall on Thursdays, and at Echo Canyon or Piestewa Peak on Saturdays.
 - A new Downtown Phoenix We're Cool Heat Relief shift will be piloted this Thursday at Cesar Chavez Plaza from 10:00 am to 2:00 pm. This is in collaboration with partners including Homeless Solutions, Downtown Phoenix Inc., Community Bridges Inc., and Fire.

- The City of Phoenix has distributed 4,872 cases of water (~117,000 bottles) to 31 community partners. An additional 1,476 cases (~31,000 bottles) have been distributed to City departments participating in the Heat Relief Network.
- Applications for the heat relief supply grant program for community partners are due by Friday, July 14. More information is available at phoenix.gov/heat.
- No reports of experienced or anticipated service impacts were reported by City departments at the time of this report. City departments are reporting proactive measures to alert the public of dangerous conditions and of available resources.

4. UPCOMING MEETINGS AND EVENTS OF NOTE

- Arizona Heat Resilience Work Group:
Meets the first and third Thursday of each month at 3pm during the summer
<https://asu.zoom.us/j/89813795064> (first Thursday)
<https://asu.zoom.us/j/83924761104> (third Thursday)
- Regional Cooling Center Work Group:
Meets the third Tuesday of each month at 2pm
<https://asu.zoom.us/j/87075809286>

5. YEAR-TO-DATE WEATHER CONDITIONS (AS OF JULY 9)

HOT DAYS AND NIGHTS TRACKER

	Year to Date (2023)	Year to Date (2022)	Normal Year to Date
100°F days	46	49	43.0
110°F days	13	8	8.5
85°F nights	8	16	8.0

Note: Normal is defined based on the 1991–2020 time period.

HEAT WARNING TRACKER

Today marked the 10th day of the season with an Excessive Heat Warning in effect in Phoenix. 2023 was the first year since 2009 that no Excessive Heat Warnings were issued prior to July 1.

MONTHLY AVERAGE TEMPERATURES

	Average High (2023)	Average High (2022)	Normal Average High
April	88.0	90.1	85.6
May	96.0	97.6	94.6
June	103.3	106.5	104.4

Note: Normal is defined based on the 1991–2020 time period.

Questions about this report may be directed to Michelle Litwin, Heat Response Program Manager in the Office of Heat Response and Mitigation: michelle.litwin@phoenix.gov