

**Summary**

- Phoenix has experienced 18 consecutive 110°F days and at least another five days of Extreme HeatRisk is expected.
- Heat-related 911 calls to the Phoenix have recently surged to year-to-date highs.
- The City provided enhanced support for three cooling/respice centers over the weekend.

**1. NATIONAL WEATHER SERVICE FORECAST**

The forecast for the upcoming week is again dominated by extremely high and potentially record-setting temperatures. Tuesday will almost certainly establish a new record for the number of consecutive 110°F days (19) and there is unfortunately no suggestion of the current weather pattern being interrupted in the foreseeable future. The best opportunity for some relief will be an increase in moisture and storm potential heading into the weekend, but it is too early to have much confidence that any precipitation will materialize.

Tue Jul 18	Wed Jul 19	Thu Jul 20	Fri Jul 21	Sat Jul 22	Sun Jul 23
118	118	119	118	115	115
95	94	94	94	94	93
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	

NWS Phoenix Heat Dashboard: <https://www.weather.gov/psr/heat>

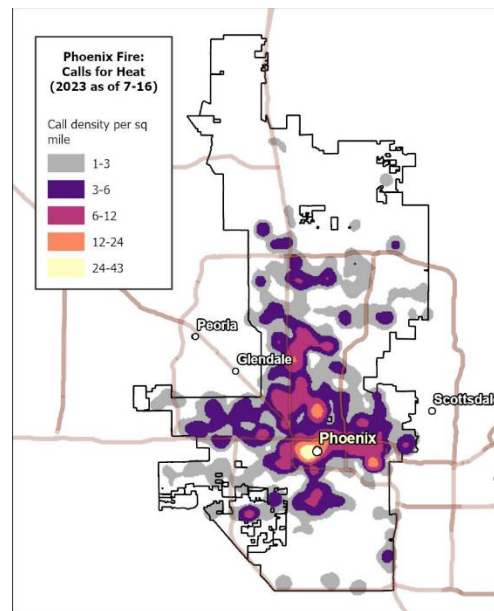
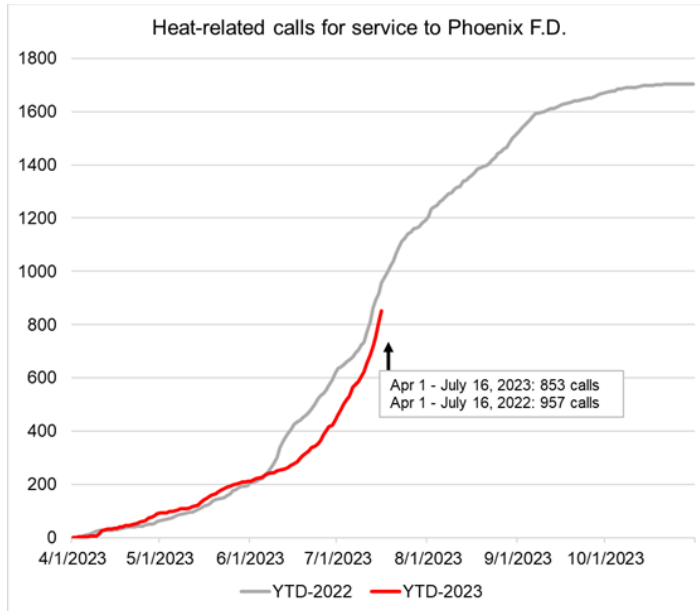
**2. HEAT-HEALTH DATA**

**HEAT-RELATED MORTALITY AND MORBIDITY**

The Maricopa County Department of Public Health has confirmed 12 heat-associated deaths countywide for 2023 as of July 11, with 55 cases under investigation. All 12 cases were associated with outdoor exposure and 6 were among people experiencing homelessness. At the same time last year, there were 17 confirmed cases with 126 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**

Phoenix Fire responded to 250 heat-related 911 calls last week, including 96 calls over the weekend. The weekly total of 250 represents a record high in available records, surpassing the 243 calls received July 11–17, 2022 (a period that was slightly cooler). Year to date, heat-related calls are approximately 11% **lower** than in 2022, but the severity of the weather forecast suggests that this gap will close quickly. Spatially, heat-related calls for service continue to concentrate in the Central City/Downtown area, around Central Ave and Indian School Rd, along the I-17 corridor between Thomas Rd and Peoria Ave, and at Sky Harbor airport.



### 3. DEPARTMENT AND PROGRAM REPORTS

- Heat Relief Network facilities:
  - There are 62 city facilities serving as cooling centers or hydration stations. All regional sites are mapped by MAG: <https://hrn.azmag.gov/>. Free transportation to cooling centers is available 8am-5pm daily through Arizona 211.
  - Phoenix provided additional support for three cooling/respice centers in Downtown Phoenix for July 15-16. Volunteers and extra heat relief supplies were deployed to Burton Barr Library, First Church, and the Lincoln Family YMCA in anticipation of high demand. Staff continue to monitor heat relief site needs.
  
- Heat Response and Mitigation / Volunteer Programs:
  - The We're Cool program has reached 4,029 engagements across 44 shifts with more than 700 hours of volunteer time contributed thus far.
  - A new downtown Heat Relief station was piloted July 13 at Cesar Chavez Plaza in collaboration with Homeless Solutions, Downtown Phoenix Inc., Community Bridges Inc., and Fire. Over four hours, more than 100 people received cooling supplies and information and six engagements resulted in shelter placements.
  - 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.
  - Staff have reviewed the second round of applications for the heat relief grant program and funding announcements are anticipated soon.
  
- No experienced or anticipated service impacts were reported by City departments over the prior week. City departments continue to enact 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 16)

### HOT DAYS AND NIGHTS TRACKER

	Year to Date (2023)	Year to Date (2022)	Normal Year to Date
100°F days	53	56	49.6
110°F days	20 (T-3 <sup>rd</sup> all-time YTD)	15	10.8
85°F nights	15	23	1,,6

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

### HEAT WARNING TRACKER

Today marked the 17<sup>th</sup> day of the season with an Excessive Heat Warning in effect in Phoenix, tying the total number of heat warning days for calendar year 2022.

### MONTHLY AVERAGE TEMPERATURES (COMPLETED MONTHS)

	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](mailto:michelle.litwin@phoenix.gov)