

**Summary**

- The region has experienced a record-setting 25 consecutive 110°F days and at least another five days of Extreme HeatRisk is expected.
- Phoenix experienced record high heat-related 911 last week.
- The City provided enhanced support for three cooling/respice centers for the second consecutive weekend and deployed a bus to serve as a temporary cooling center.

**1. NATIONAL WEATHER SERVICE FORECAST**

Record-setting temperatures persist in the forecast for the first half of this week. A gradual shift in the weather pattern is expected to bring temperatures closer to seasonal normals by early next week. There is no strong signal yet of a transition to an active monsoon pattern.

Tue Jul 25	Wed Jul 26	Thu Jul 27	Fri Jul 28	Sat Jul 29	Sun Jul 30	Mon Jul 31
119	119	115	114	113	109	109
95	94	93	92	91	90	
No risk.	Risk to those extremely sensitive to heat.	Risk to those sensitive to heat.	Risk to most people.	Risk to everyone.		
None	Minor	Moderate	Major	Extreme		

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

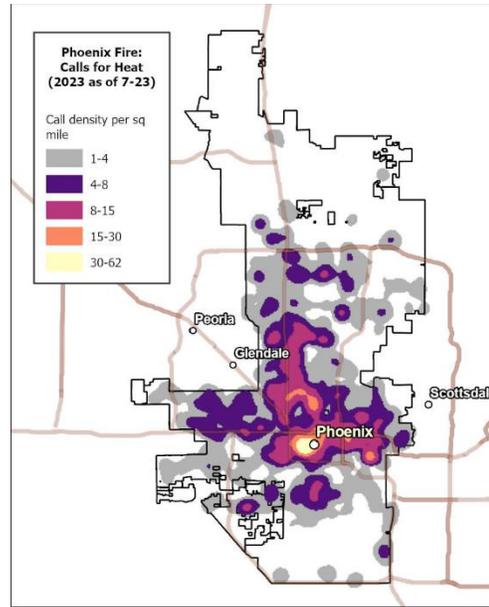
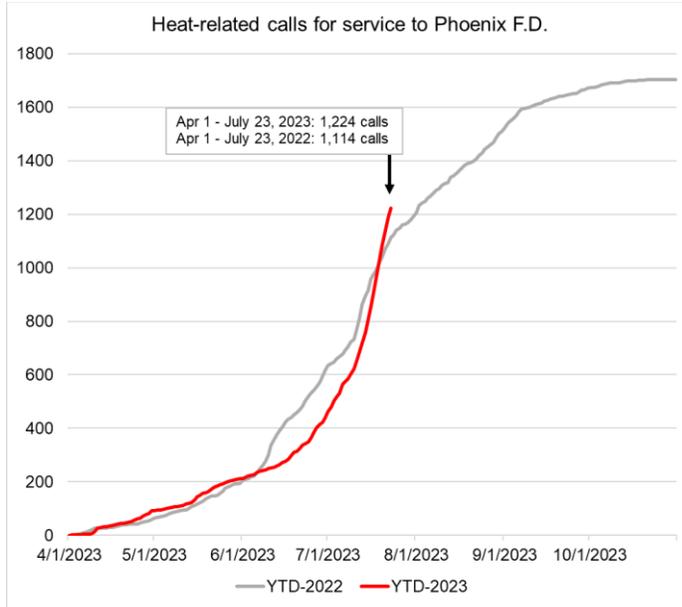
**2. HEAT-HEALTH DATA**

**HEAT-RELATED MORTALITY AND MORBIDITY**

The Maricopa County Department of Public Health has confirmed 18 heat-associated deaths countywide for 2023 as of July 19, with 69 cases under investigation. Fourteen cases were associated with outdoor exposure, and six were among people experiencing homelessness. At the same time last year, there were 29 confirmed cases, with 193 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 371 heat-related 911 calls last week, including a record daily high of 70 calls on July 18. **The weekly total of 371 represents a record high in available records**, surpassing the previous record of 250 calls received last week (July 10–16, 2023). For the first time this year, heat-related calls have surpassed 2022 year-to-date totals, and are now approximately 9% **higher** than in 2022. Spatially, heat-related calls for service have concentrated in the Central City/Downtown area, around Central Ave and Indian School Rd, along the I-17 corridor between Thomas Rd and Peoria Ave, Central Ave between Broadway Rd and Baseline Rd, 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/respite centers in Downtown Phoenix for July 22-23. Volunteers were deployed following the same model as the prior weekend. Staff continue to monitor site needs.
  - A city bus was deployed to provide additional cooled space near the Human Services Campus beginning July 19. The bus has seen an average of 112 visitors each day.
  
- Heat Response and Mitigation / Volunteer Programs:
  - The We're Cool program has reached 4,455 engagements across 43 shifts with more than 800 hours of volunteer time contributed thus far.
  - A new downtown Heat Relief station located Cesar Chavez Plaza launched July 13 in collaboration with Homeless Solutions, Downtown Phoenix Inc., Community Bridges Inc., and Fire. Thursday, July 20, Phoenix Fire was called to this site to assist with a gentleman experiencing heat exhaustion. They were able to tend to the man and transport him to Banner Hospital.
  - The City of Phoenix has distributed 6,048 cases of water (~145,152 bottles) to 31 community partners. An additional 2,268 cases (~40,320 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 promote 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 23)

### HOT DAYS AND NIGHTS TRACKER

	Year to Date (2023)	Year to Date (2022)	Normal Year to Date
100°F days	60	63	56
110°F days	27 (most all-time YTD)	20	12.3
85°F nights	22 (T-8 all-time YTD)	27	15.6

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

### HEAT WARNING TRACKER

Today marked the 24<sup>th</sup> day of the season with an Excessive Heat Warning in effect in Phoenix. 2023 now ranks tied for second with respect to the number of heat warning days issued in a calendar year since records began in 2006. The all-time record for heat warning days in a single calendar year is 49, set in 2020.

### 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)