

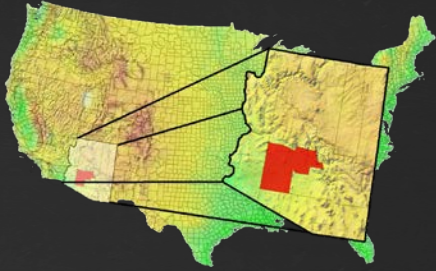
Actions to manage heat risk: Cooling centers in Arizona

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Heat Relief Network History & Operations

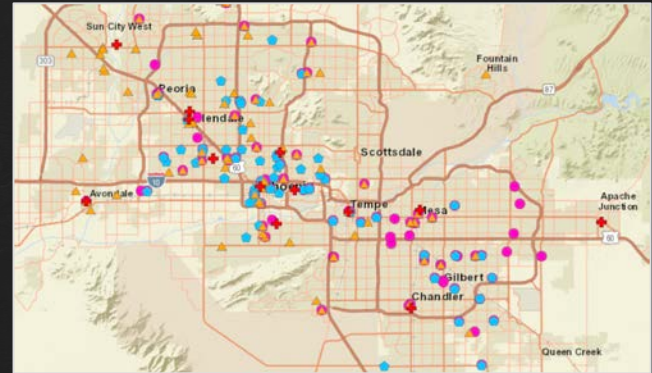


Average Monthly High Temperatures
(1981-2010 NCDC normals)

May	35°C/95°F
June	40°C/104°F
July	41°C/106°F
August	40°C/104°F
September	38°C/100°F



City of Phoenix



2014 Evaluation Project

- **Partnership between local and state health departments and university researchers** *(Berisha et al. 2017, Weather, Climate, and Society; MCDPH website)*
 - Facility observations (n=52)
 - Visitor surveys (n>650)
 - Manager interviews (n=52)

Daily use: 1,500-2,000 people, daily water distribution: 2,500 bottles



Improvements & Collaboration



Living in the heat

Yuma, AZ

- 38% walk to cooling centers
- 43% bike to cooling centers
- 71% of cooling center users' don't have regular homes
- 40% know where cooling centers are located, but knowing where cooling centers are located was lower among Hispanics
- 58% of cooling center user's reported adverse heat effects
- 41% feel their health is in danger on hot days

12 out of 30 people found out about cooling centers through someone they knew

© June of 2018, Yuma County Health District, ASU, and the Arizona Department of Health Services surveyed 56 household members in the Yuma area. 85% of participants surveyed are male. This survey was aimed at understanding heat



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