

## **Extreme Duration Heatwaves Reach Populated U.S. Centers**

By Don Sutherland

Phoenix and Las Vegas were among U.S. cities that experienced their hottest summer, by far, this year. From late spring to early fall, extreme duration heatwaves—100 or more consecutive 100° days—reached major U.S. population centers for the first time on record. Both East Mesa (population: 513,567) and Phoenix (population: 1,662,607) suffered through 113 consecutive days of 100° or above heat. In addition, from May 28 through September 15, Phoenix had a 111-day period during which the high temperature averaged 110°.

As has been the case in recent exceptionally hot summers, heat domes build and rebuild into the fall. Another round of exceptional heat is likely in the Phoenix area this week. The potential exists for that city to see its hottest temperatures so late in the season.