

Historic Heat in Arizona Continues

By Don Sutherland

Another week has passed, and the unprecedented autumn heatwave of 2024 continued in Arizona. Through Saturday, October 12th, Phoenix had broken or tied its daily record high temperature on 19 consecutive days. No American city had set or tied records on more than 14 consecutive days. The heat should finally break early this week.

Some statistics for Phoenix and Tucson are below:

Phoenix: September 24-October 12, 2024:

Criteria	2024		Prior Record		
	°F	°C	°F	°C	Year(s)
Highest Maximum Temperature	117	47.2	108	42.2	1979, 1992, 2002
Highest Minimum Temperature	88	31.1	85	29.4	2022
Average Temperature	95.4	35.2	89.2	31.8	1991
Average High Temperature	109.6	43.1	102.8	39.3	2020
Average Low Temperature	81.3	27.4	76.4	24.7	1991

Phoenix's mean temperature and average low temperature are new Arizona state records for the timeframe

Tucson: September 24-October 12, 2024:

Criteria	2024		Prior Record		
	°F	°C	°F	°C	Year(s)
Highest Maximum Temperature	108	42.2	104	40.0	2023
Highest Minimum Temperature	79	26.1	79	26.1	2023
Average Temperature	87.8	31.0	82.6	28.1	2020
Average High Temperature	103.8	39.9	99.4	37.4	2020
Average Low Temperature	71.8	22.1	68.1	20.1	1977