

# Climate Summary for Arches National Park

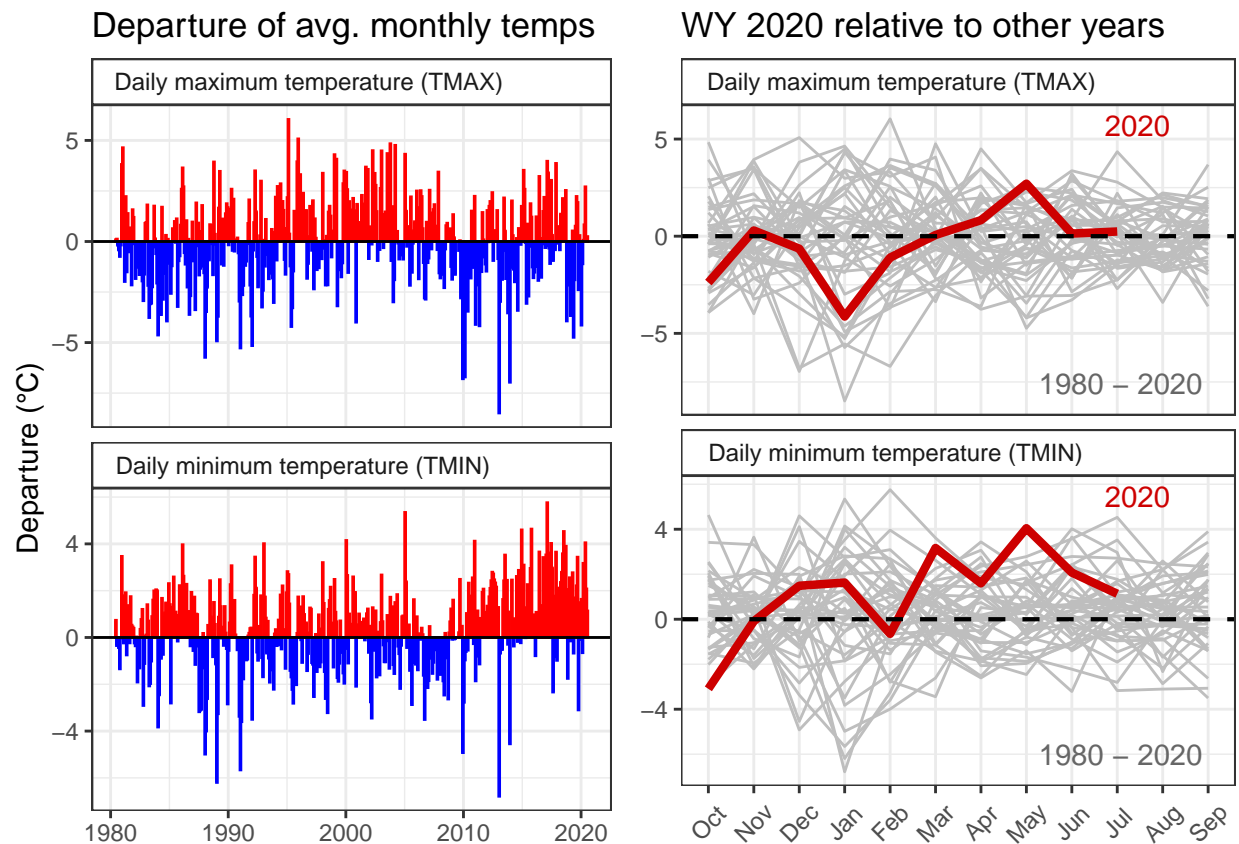
Matthew Van Scoyoc

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This document summarizes current temperature and precipitation anomalies relative to 30-year (1981-2010) normals for Arches National Park during the 2020 water year (October 2019 through September 2020). The data were collected at the Visitor Center by NPS personnel. The data were downloaded from the Global Historic Climate Network on 15 August, 2020 using R (ver. 4.0.2, R Core Team, 2020) and the rnoaa package (ver 1.1.0, Chamberlain, et al. 2019).

## Temperature

July 2020 was the 11th warmest July in the 40-year record for Arches National Park (1980 to 2020). The average daily low (TMIN) was 1.13°C above normal at 20.7°C. The 30-year average daily low for July is 19.6°C. The average daily high (TMAX) was 0.24°C above normal at 37.6°F. The 30-year average daily high for July is 37.3°F.



## Precipitation

Water year 2020 is currently the 6th driest on record out of the 40-year data set for Arches National Park (1980 to 2020). The current accumulated precipitation is 38.4% of normal, totaling 68.1 mm of precipitation. The 30-year average for this time of year is 177.2 mm of precipitation.

