

Climate Summary for Canyonlands National Park

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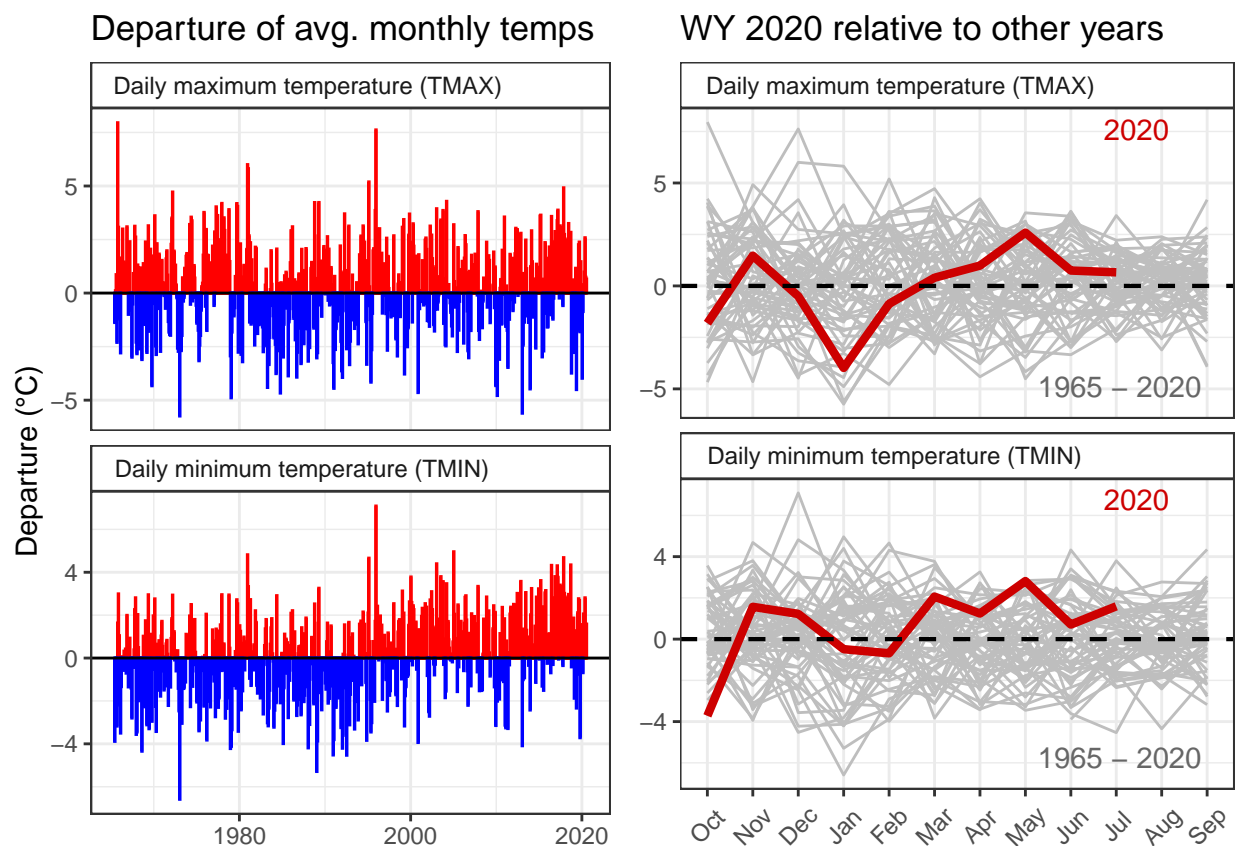
2020-08-15

This document summarizes current temperature and precipitation anomalies relative to 30-year (1981-2010) normals for Canyonlands National Park during the 2020 water year (October 2019 through September 2020). The data were collected at the Visitor Centers 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).

Island in the Sky District

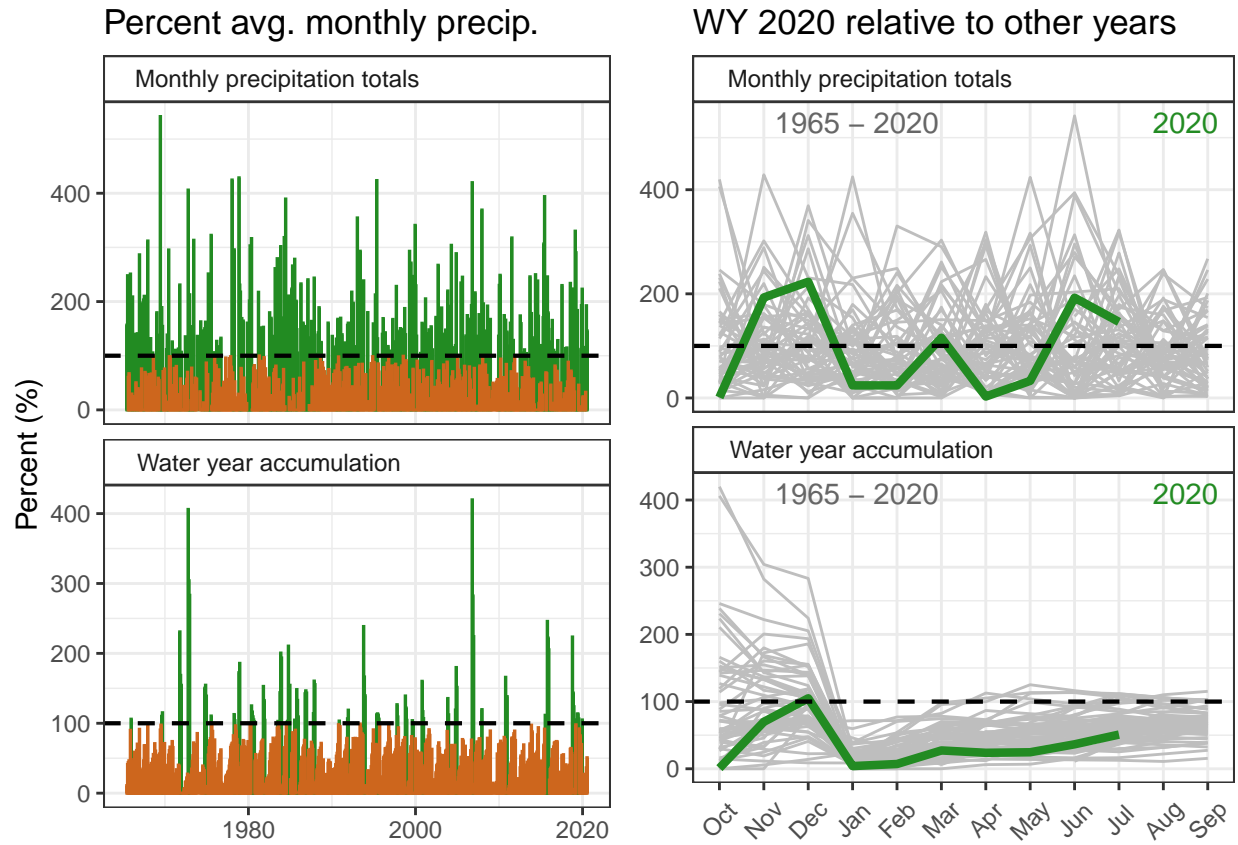
Temperature

July 2020 was the 8th warmest July in the 55-year record for Island in the Sky District (1965 to 2020). The average daily low (TMIN) was 1.59°C above normal at 20.6°C. The 30-year average daily low for July is 19°C. The average daily high (TMAX) was 0.66°C above normal at 33.1°C. The 30-year average daily high for July is 32.4°C.



Precipitation

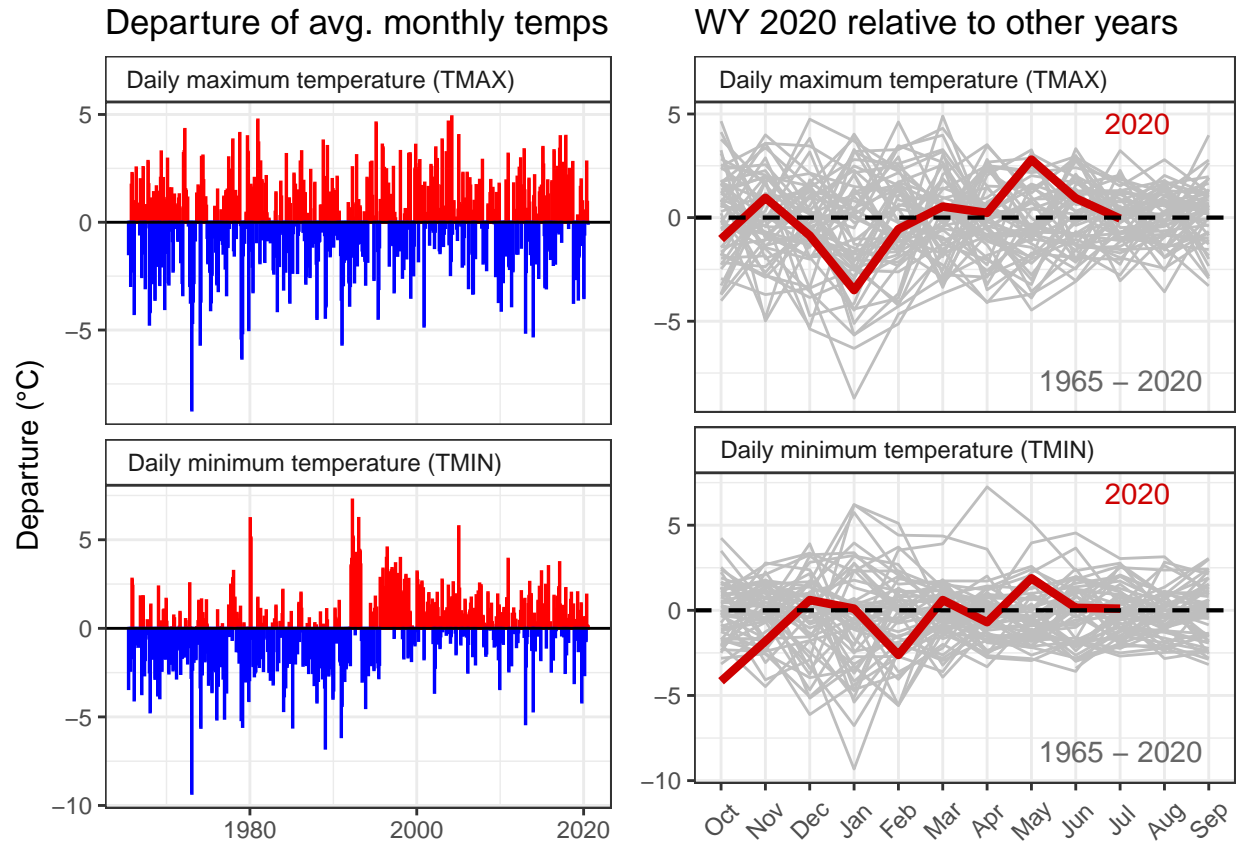
Water year 2020 is currently the 18th driest on record out of the 55-year data set for Island in the Sky District (1965 to 2020). The current accumulated precipitation is 50.9% of normal, totaling 90.9 mm of precipitation. The 30-year average for this time of year is 178.5 mm of precipitation.



The Needles District

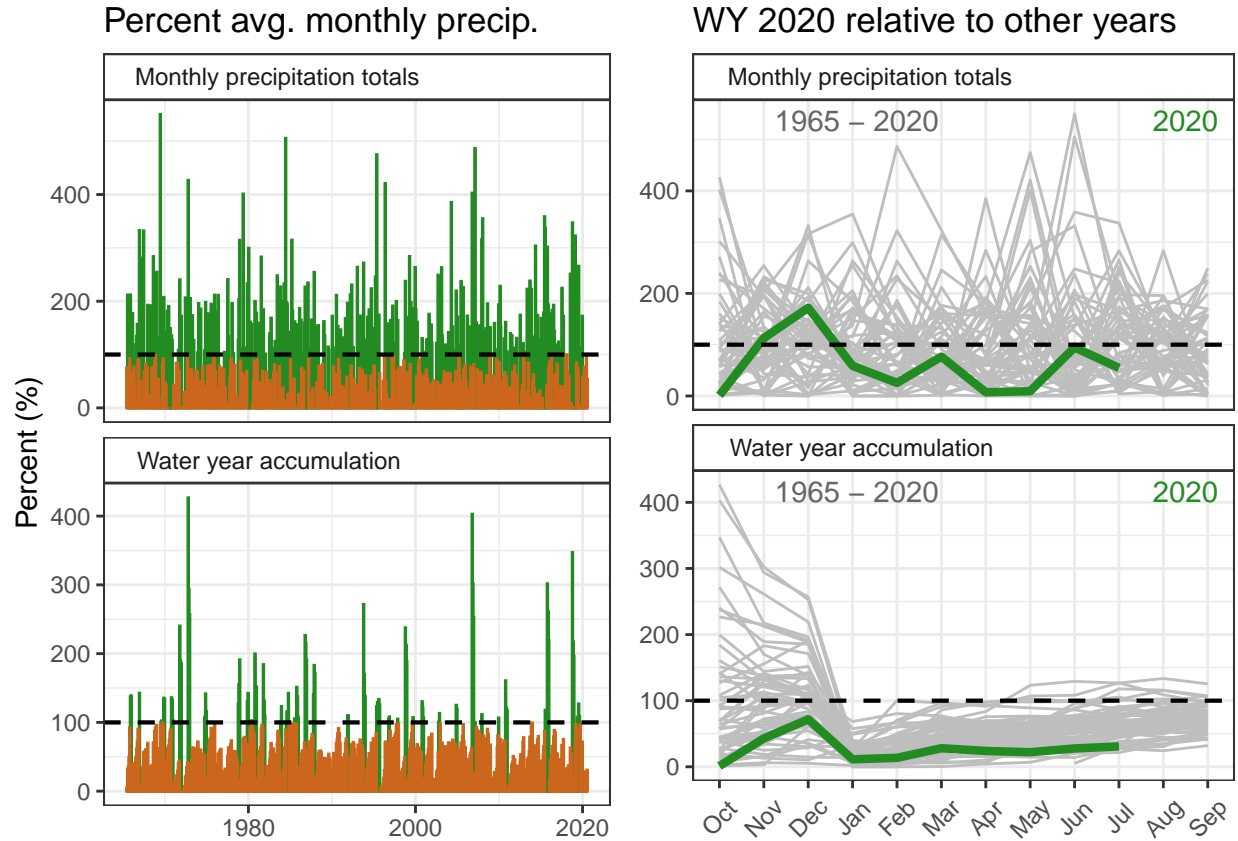
Temperature

July 2020 was the 22th warmest July in the 55-year record for The Needles District (1965 to 2020). The average daily low (TMIN) was 0.1°C above normal at 17.4°C. The 30-year average daily low for July is 17.3°C. The average daily high (TMAX) was 0.05°C below normal at 35.1°C. The 30-year average daily high for July is 35.2°C.



Precipitation

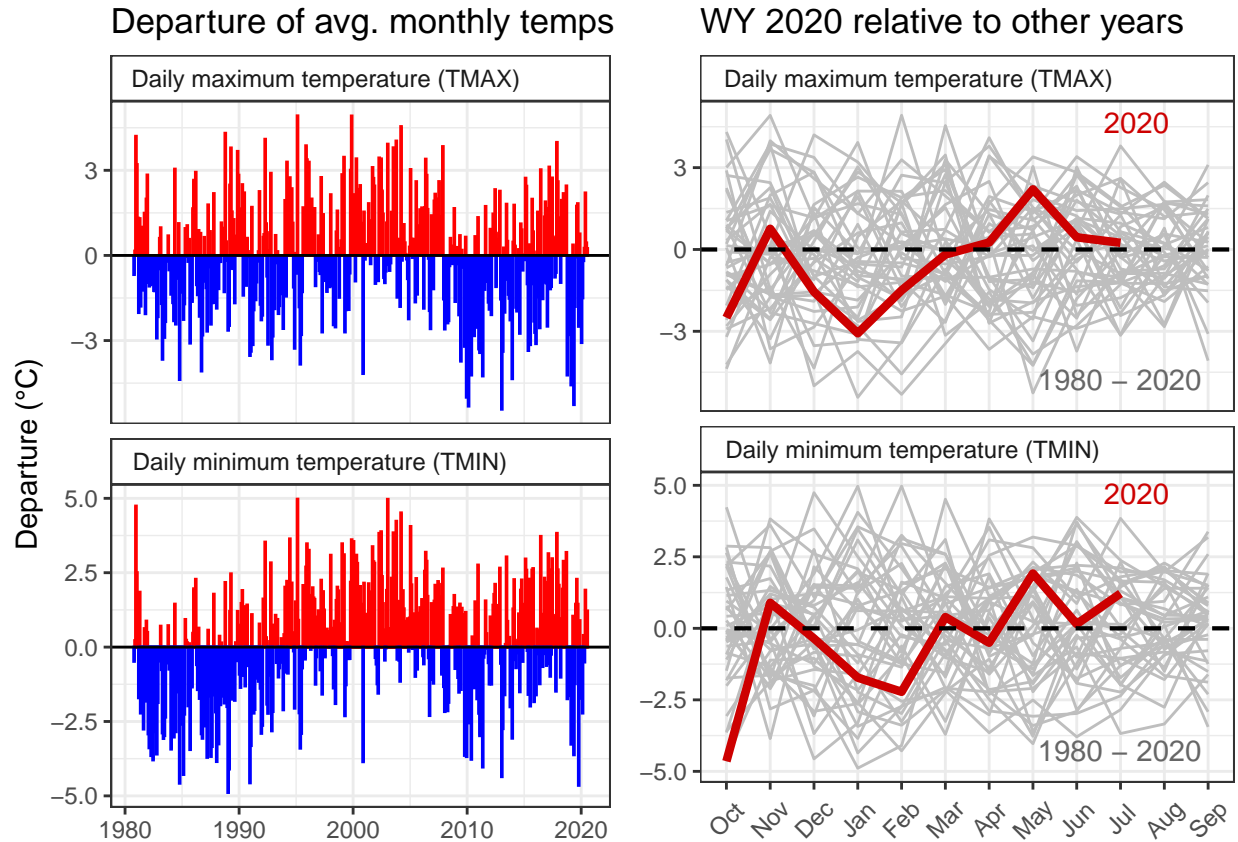
Water year 2020 is currently the 5th driest on record out of the 55-year data set for The Needles District (1965 to 2020). The current accumulated precipitation is 30.8% of normal, totaling 49.5 mm of precipitation. The 30-year average for this time of year is 160.7 mm of precipitation.



Hans Flat Ranger Station

Temperature

July 2020 was the 13th warmest July in the 40-year record for Hans Flat Ranger Station (1980 to 2020). The average daily low (TMIN) was 1.22°C above normal at 19.1°C. The 30-year average daily low for July is 17.9°C. The average daily high (TMAX) was 0.25°C above normal at 31.2°C. The 30-year average daily high for July is 31°C.



Precipitation

Water year 2020 is currently the 7th driest on record out of the 40-year data set for Hans Flat Ranger Station (1980 to 2020). The current accumulated precipitation is 42.5% of normal, totaling 82 mm of precipitation. The 30-year average for this time of year is 192.9 mm of precipitation.

