

Climate Summary for Canyonlands National Park

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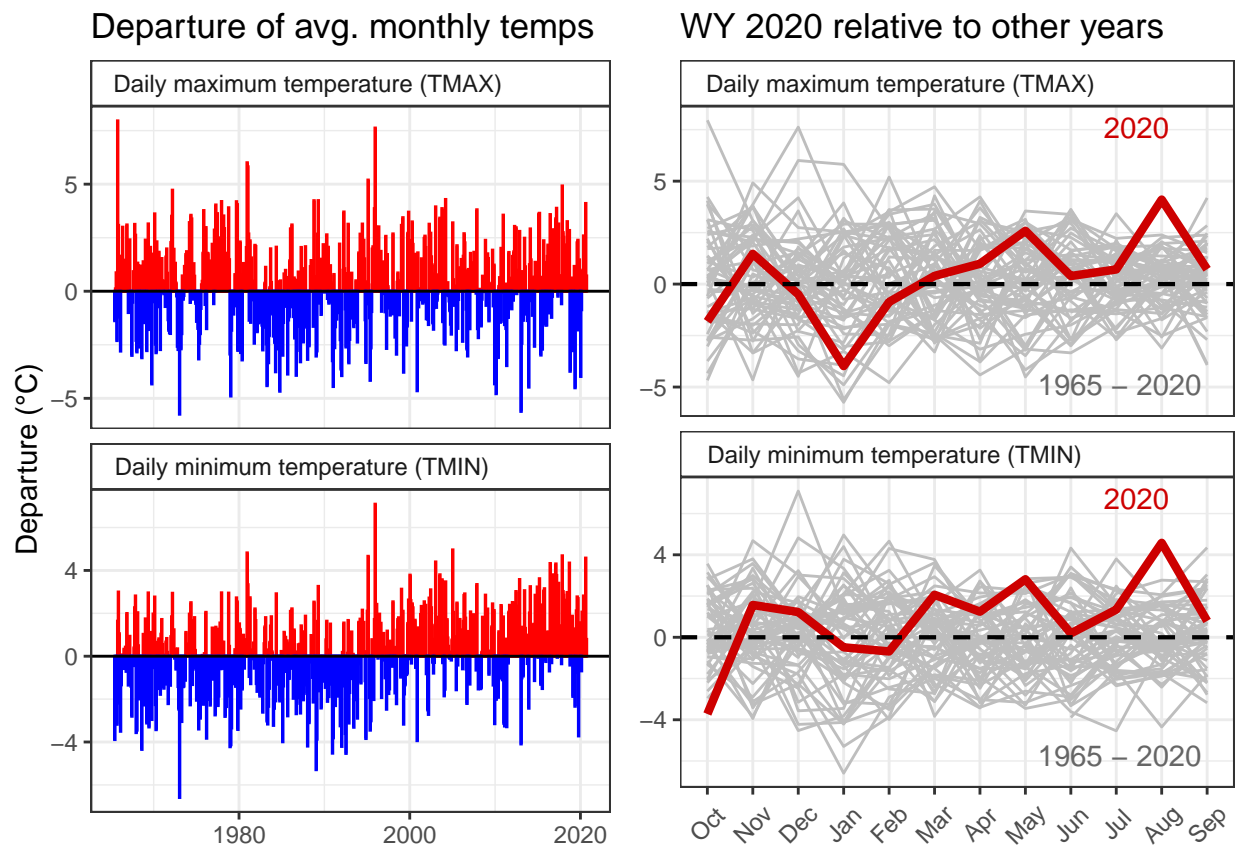
2020-10-22

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 22 October, 2020 using R (ver. 4.0.3, R Core Team, 2020) and the rnoaa package (ver 1.2.0, Chamberlain, et al. 2019).

Island in the Sky District

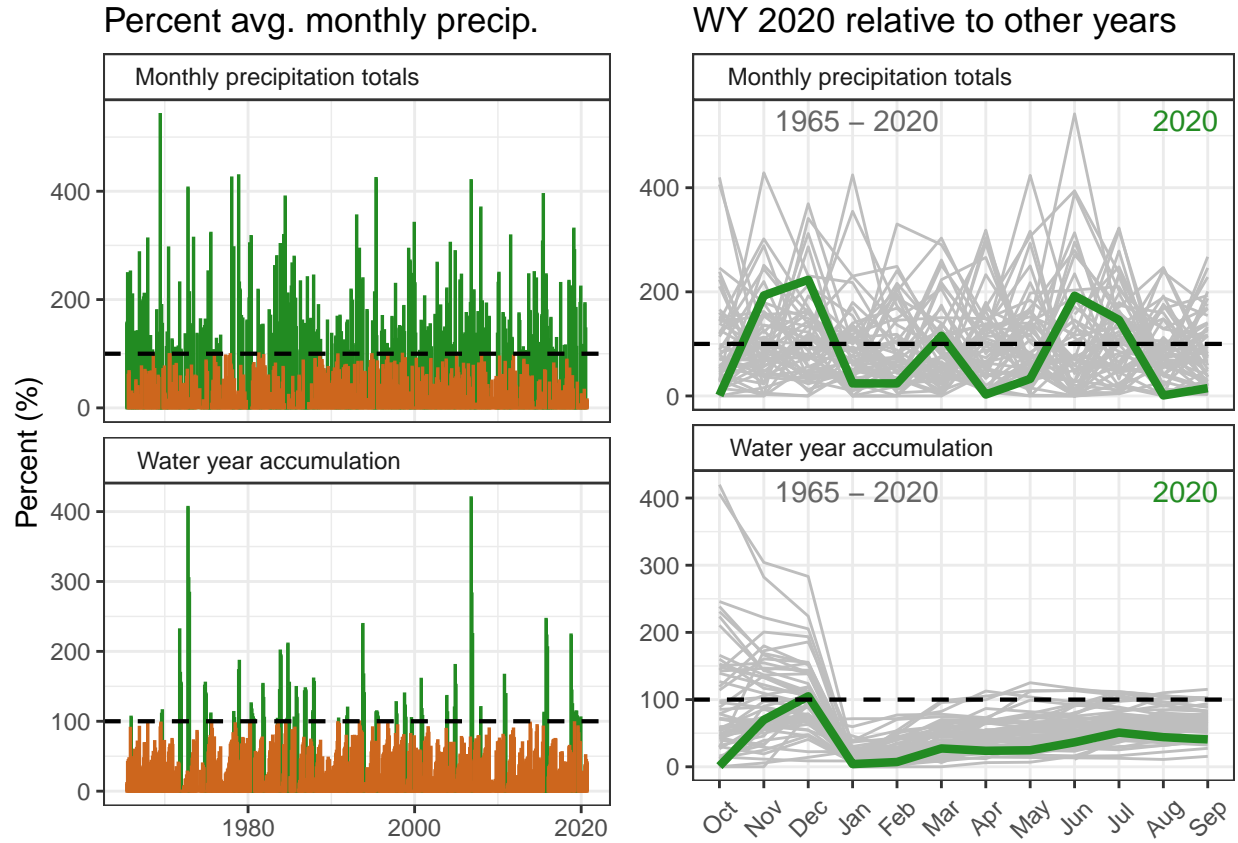
Temperature

September 2020 was the 18th warmest September in the 55-year record for Island in the Sky District (1965 to 2020). The average daily low (TMIN) was 0.79°C above normal at 13.7°C. The 30-year average daily low for September is 12.9°C. The average daily high (TMAX) was 0.72°C above normal at 26.5°C. The 30-year average daily high for September is 25.7°C.



Precipitation

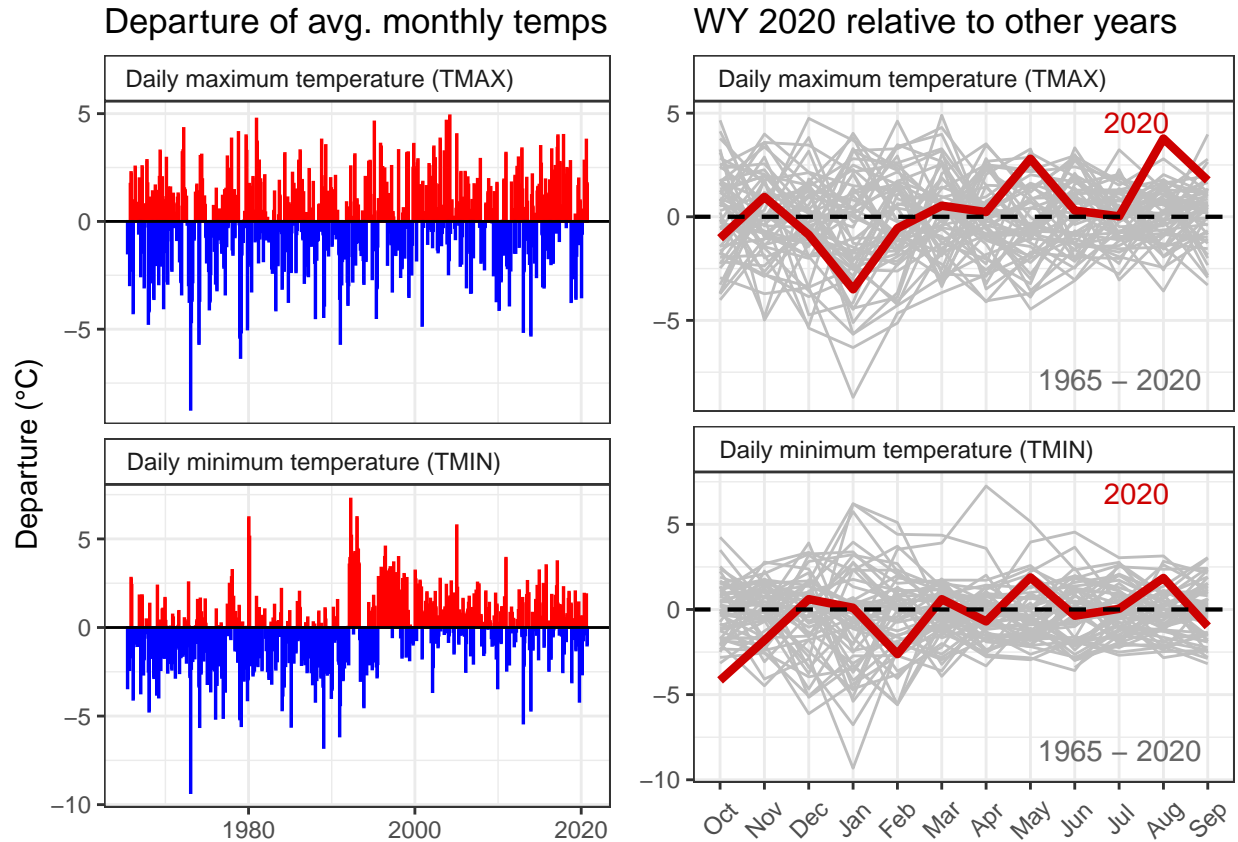
Water year 2020 is currently the 7th driest on record out of the 55-year data set for Island in the Sky District (1965 to 2020). The current accumulated precipitation is 40.7% of normal, totaling 95.2 mm of precipitation. The 30-year average for this time of year is 233.7 mm of precipitation.



The Needles District

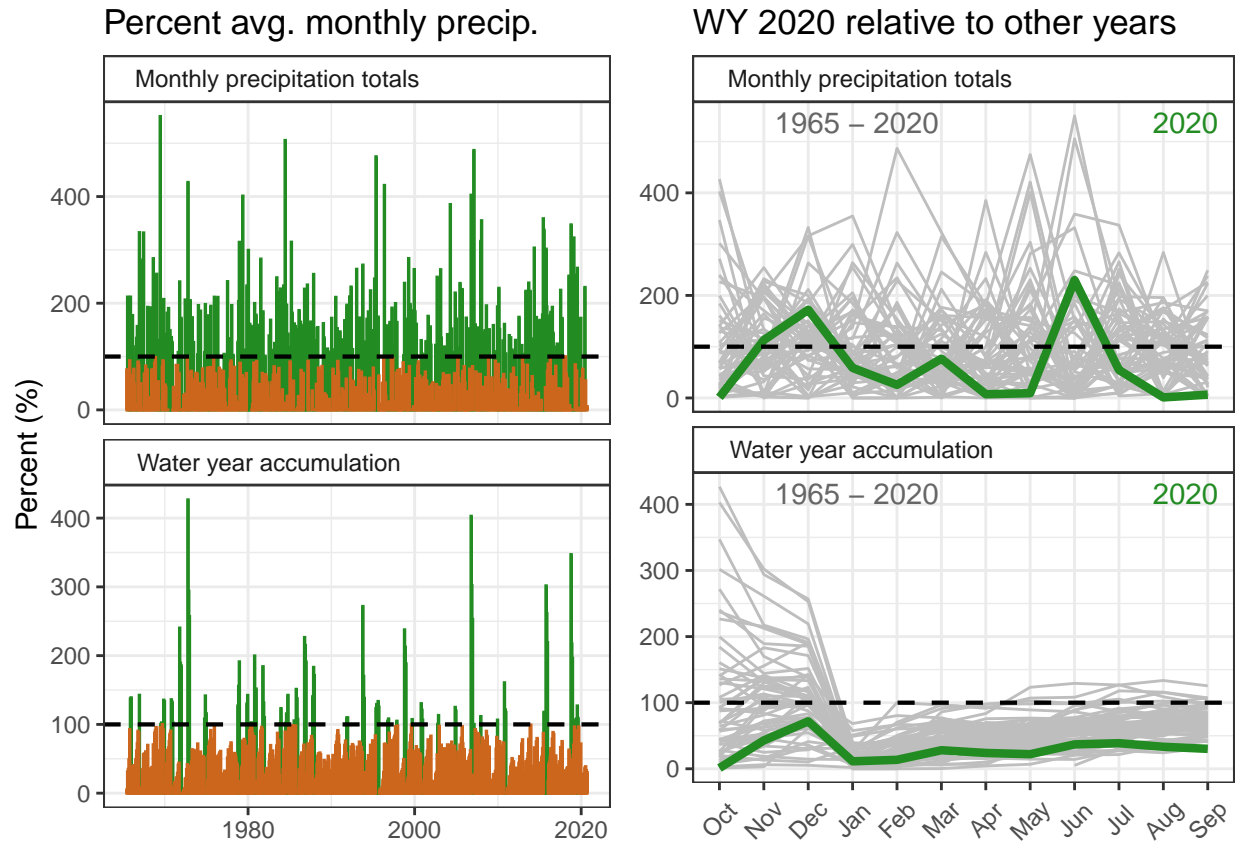
Temperature

September 2020 was the 38th warmest September in the 55-year record for The Needles District (1965 to 2020). The average daily low (TMIN) was 0.99°C below normal at 9.6°C. The 30-year average daily low for September is 10.6°C. The average daily high (TMAX) was 1.75°C above normal at 30.3°C. The 30-year average daily high for September is 28.5°C.



Precipitation

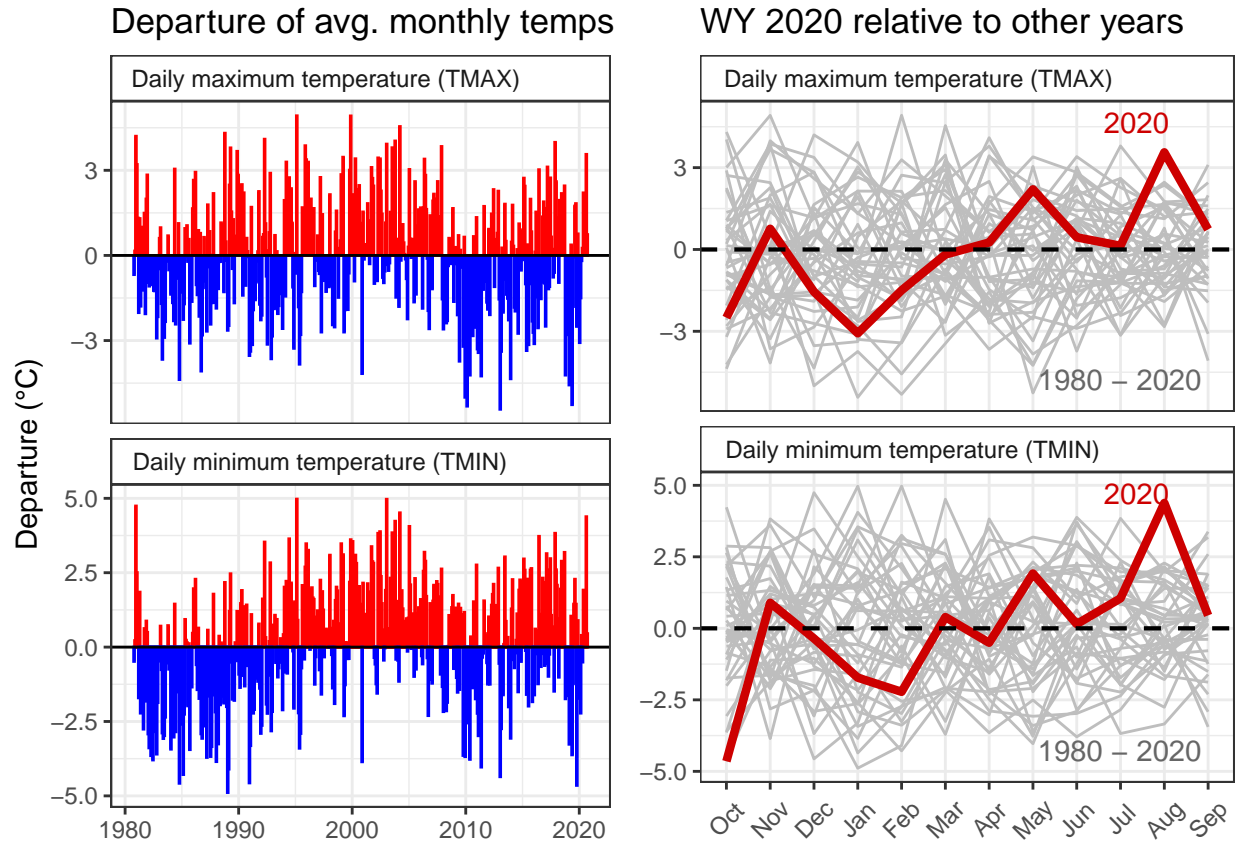
Water year 2020 is currently the 1th driest on record out of the 55-year data set for The Needles District (1965 to 2020). The current accumulated precipitation is 30.2% of normal, totaling 64.1 mm of precipitation. The 30-year average for this time of year is 212.5 mm of precipitation.



Hans Flat Ranger Station

Temperature

September 2020 was the 20th warmest September in the 40-year record for Hans Flat Ranger Station (1980 to 2020). The average daily low (TMIN) was 0.45°C above normal at 13°C. The 30-year average daily low for September is 12.6°C. The average daily high (TMAX) was 0.74°C above normal at 25°C. The 30-year average daily high for September is 24.3°C.



Precipitation

Water year 2020 is currently the 2th driest on record out of the 40-year data set for Hans Flat Ranger Station (1980 to 2020). The current accumulated precipitation is 38.2% of normal, totaling 94.3 mm of precipitation. The 30-year average for this time of year is 246.8 mm of precipitation.

