

SASSCAL Info Map

The 2019/2020 Rainy Season of southern Africa

The 2019/20 rainy season was highly anticipated as it followed a prolonged drought season that affected a record 45 million people in the region (SASSCAL 2020).

The SASSCAL analysis of CHIRPS 2.0 precipitation data (Funk *et al* 2015) shows that the 2019/20 rainy season remained a below normal rainy season for large parts of Botswana, Namibia, South Africa and Zambia. For most of Angola, however, the rainy season was either normal or above normal.

The prolonged drought has challenged the region's water security and hydro-power supply, as dam levels were particularly low. The 2019/20 precipitation figures of the catchment areas of the main or biggest national dams of the region show that Gaborone Dam's catchment received above normal precipitation, Gariep Dam's catchment received normal precipitation, but Itzhi Tezhi, Gove and Von Bach Dam's catchment areas received below normal precipitation.

SASSCAL, June 2020

References

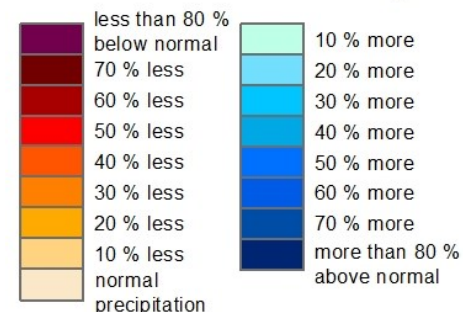
1. SASSCAL. 2020. SASSCAL Fact Sheet: 2018/19 Drought in Southern Africa.
2. Funk et al. 2015. The climate hazards infrared precipitation with stations — a new environmental record for monitoring extremes.



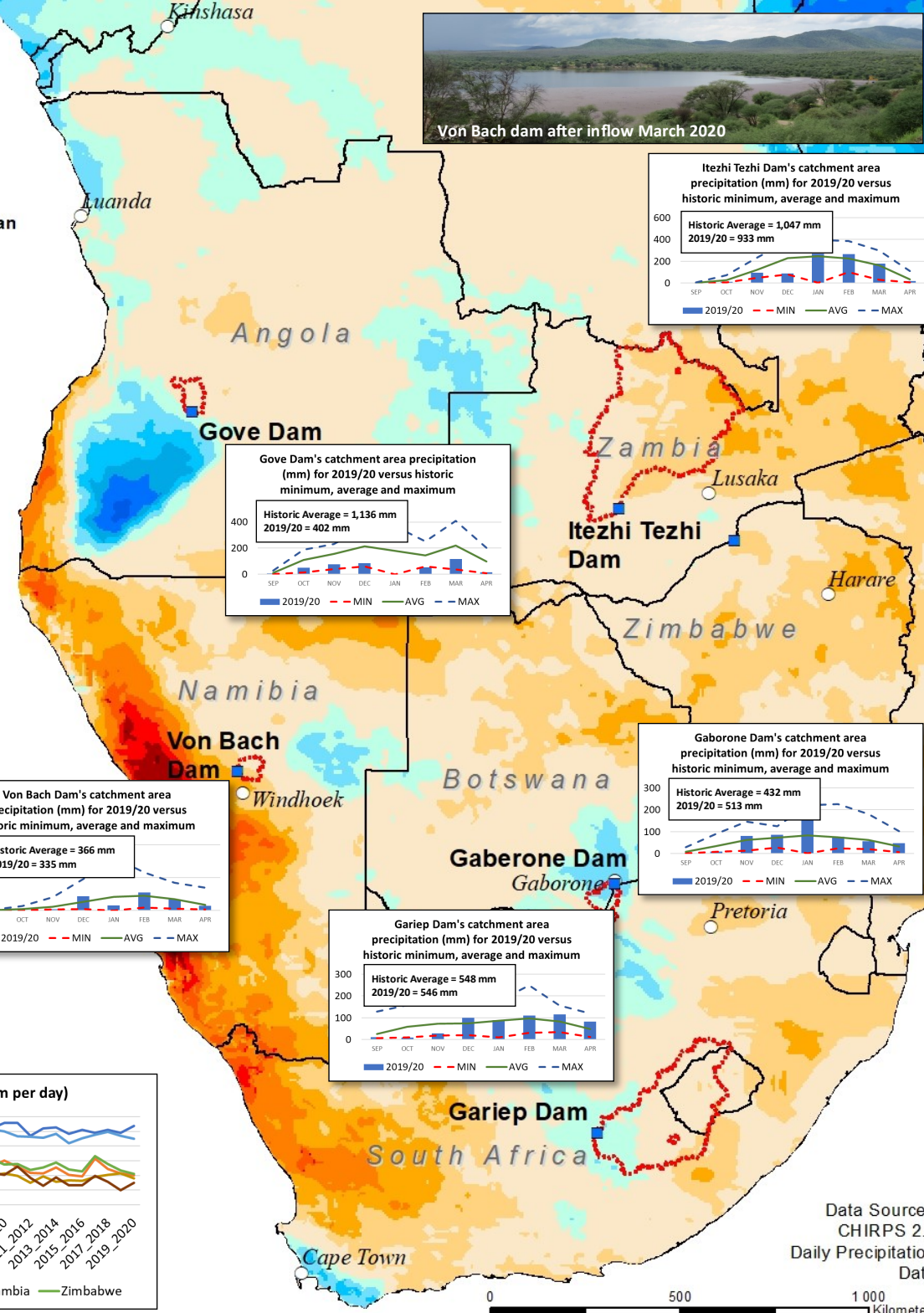
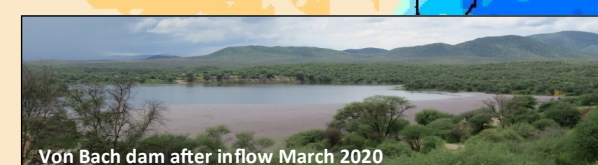
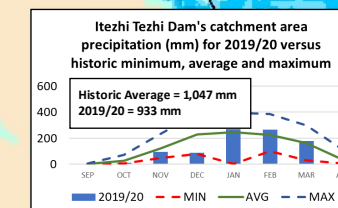
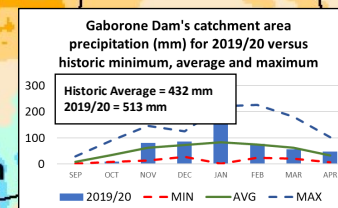
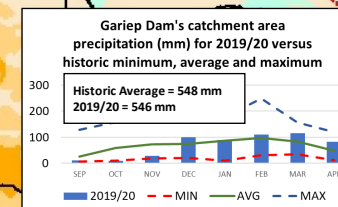
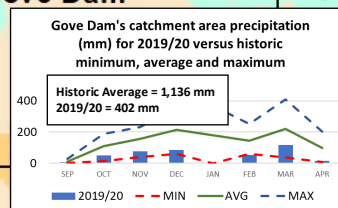
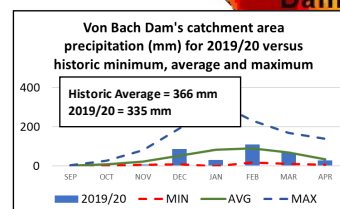
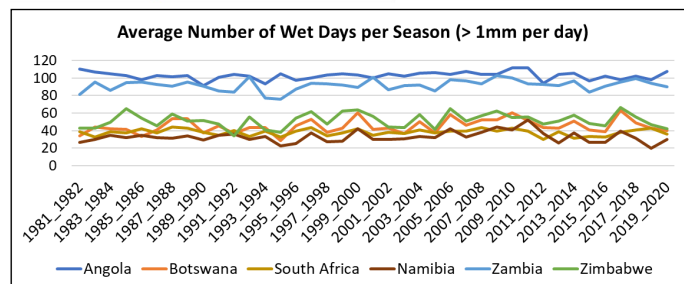
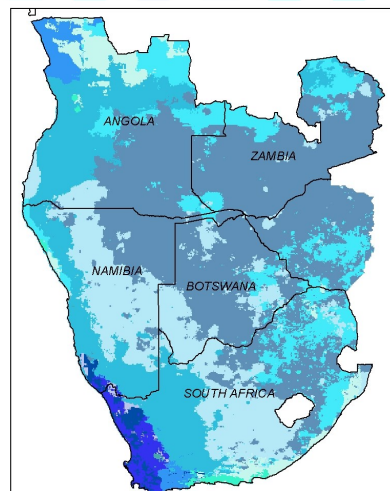
Precipitation Anomaly for Southern Africa for the 2019/20 Rainy Season (Percentage (%) of the 40 year average precipitation)

- Reservoir/Dam
- National/Regional Capital
- Catchment area of reservoir/dam

Variation of 2019/20 rainfall from long-term mean



Month with highest precipitation (1981 to 2020)



Data Source:
CHIRPS 2.0
Daily Precipitation
Data