

Rainfall Performance

The rainfall season 2023/2024 has officially been concluded with the Climate Watch Bulletin of April 2024. However, some parts of the country experience frontal rain during the winter months, which will be included in the coming issues of this bulletin.

The current bulletin will mainly focus on temperature analysis and projections for the country.

Temperature Performance – May 2024

May 2024 mean temperatures were warmest over the western half where temperatures ranged between 21.5°C to 27.5°C. However, mean temperatures cooler than 17°C were observed around the borders of the Otjozondjuba, Khomas, and Omaheke regions (Figure 1).

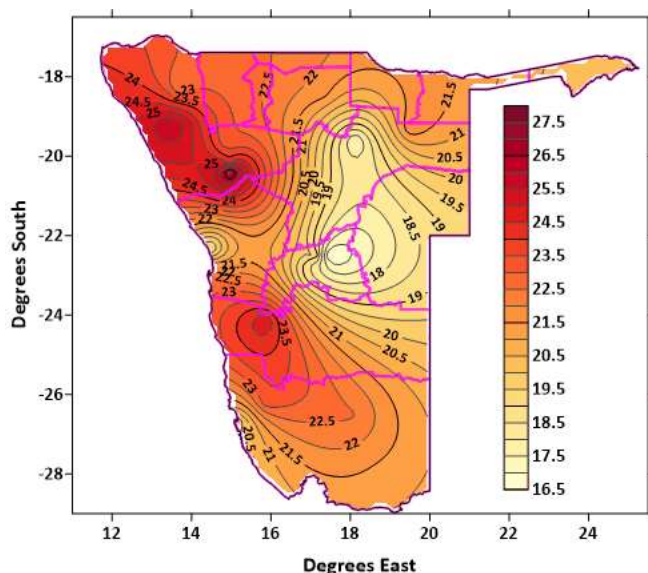


Figure 1: Temperature (°C) for May 2024

However, the analysis as a departure from the long-term normal shows that cooler than

normal temperatures (-0.5 to -1.5) were observed over the central north, Zambezi, and Khomas regions (Figure 2).

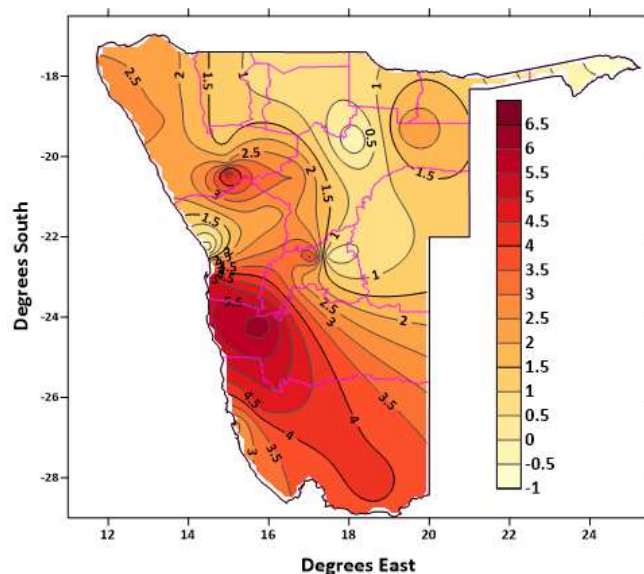


Figure 2: Temperature Anomaly for May 2024

This means the average temperature for May 2024 was 2.4°C above the 1991-2020 average, making the month the warmest May on record for the last 14 years. This is 0.3°C warmer than May 2019. The most significant warming of 2°C and above was observed over the Kunene, Erongo, Hardap, and Karas regions.

***The data used in this bulletin was a combination of **SASSCAL**, **MAWLR** and **Meteorological Services of Namibia**. We appreciate our partners for their continued contribution to our products.

Temperature Prediction for July to September 2024

The mean temperature projection for the period of July to September 2024 shows an increase in average temperature for the entire country.

CCA_ensemble - Probabilistic Forecast

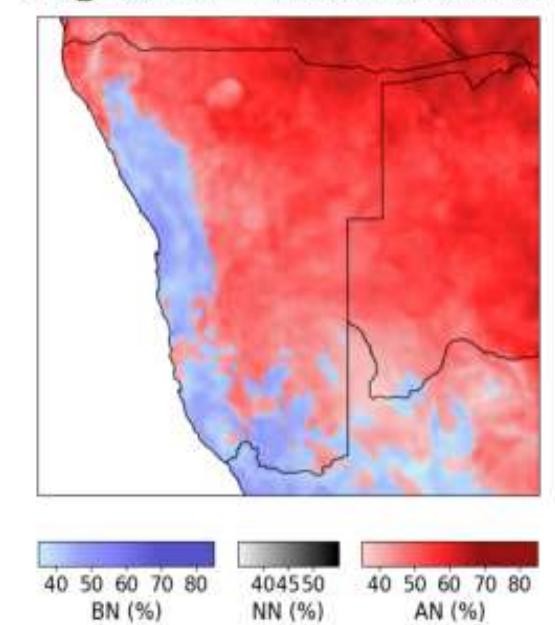


Figure 3: Temperature Projection(°C) July - September 2024

This means that although cold to very cold episodes may be experienced, the mean temperature is expected to be warmer than

average for the bulk of the country except the Namib and bulk of the Karas region, where below average temperatures are expected. (see fig.4).

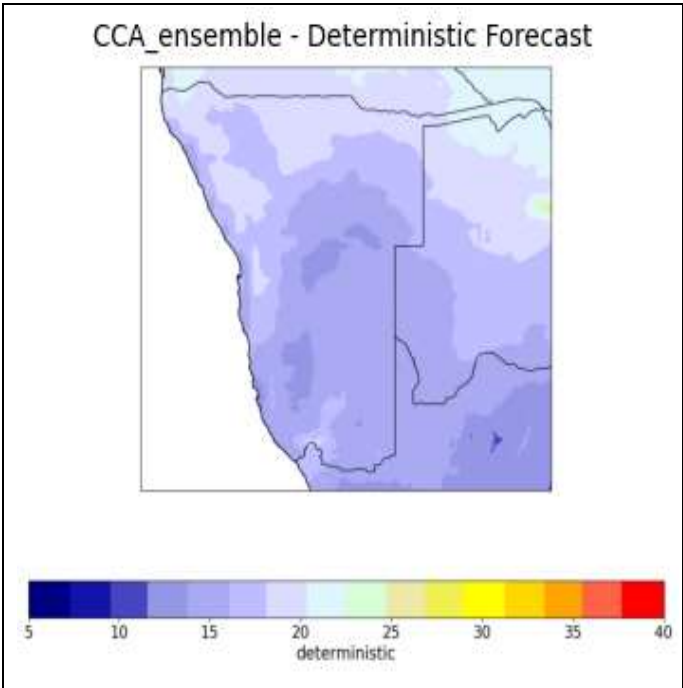


Figure 4: Mean Temperature Projection(°C) July - September 2024

Mean temperature projections are expected to range between 12°C and 19°C for the bulk of the country, except over the Zambezi regions where the mean temperature is expected to go above 20°C.