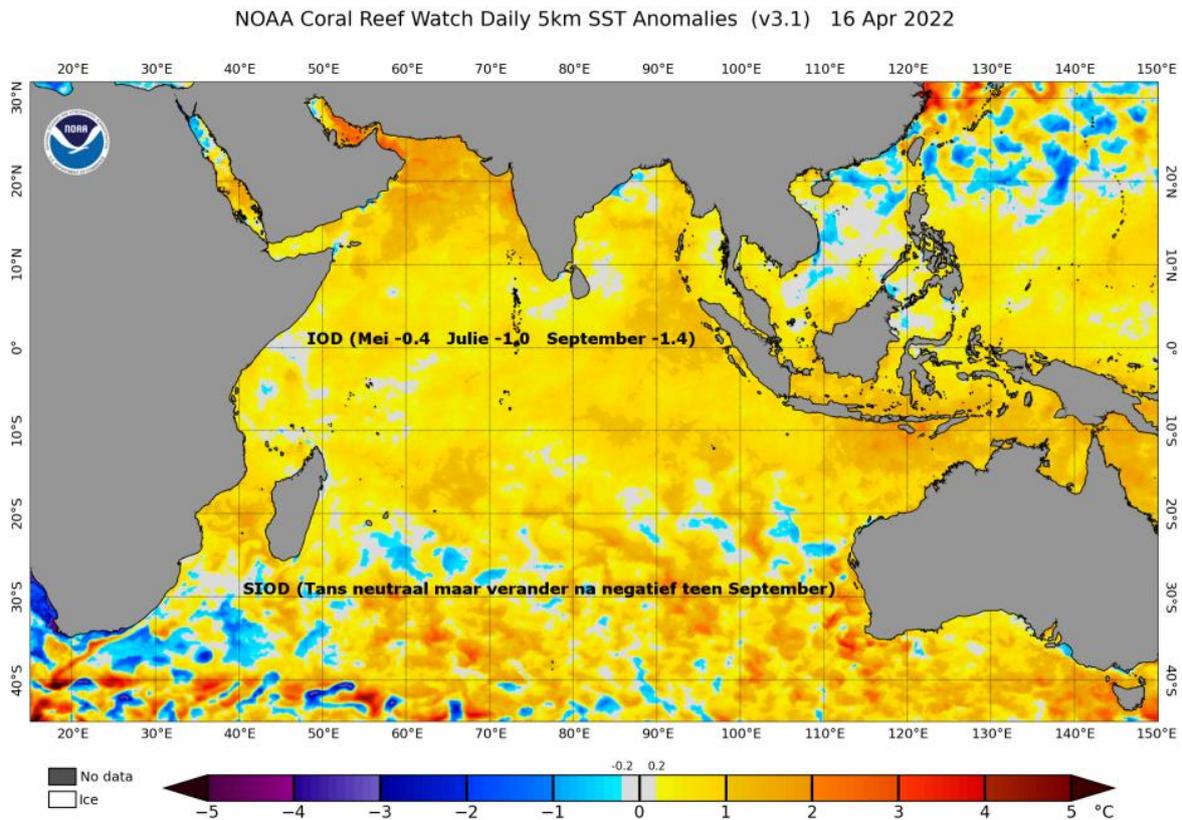
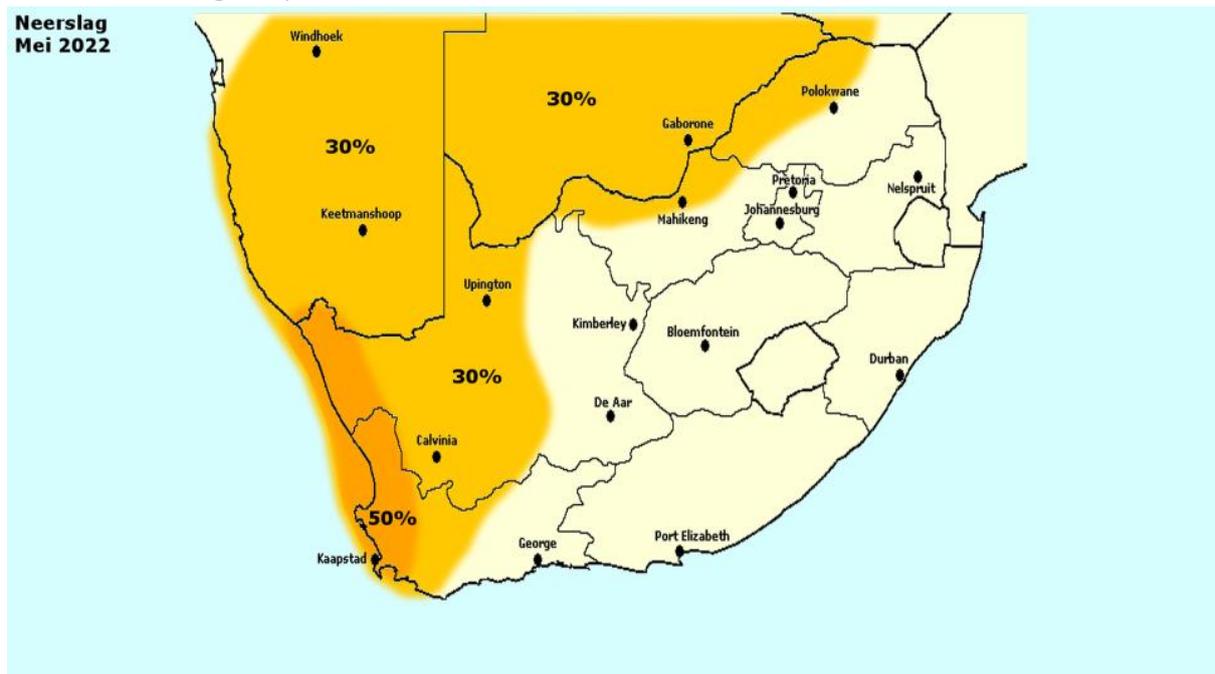


## Winter Medium Term Forecast (May 2022 to August 2022)



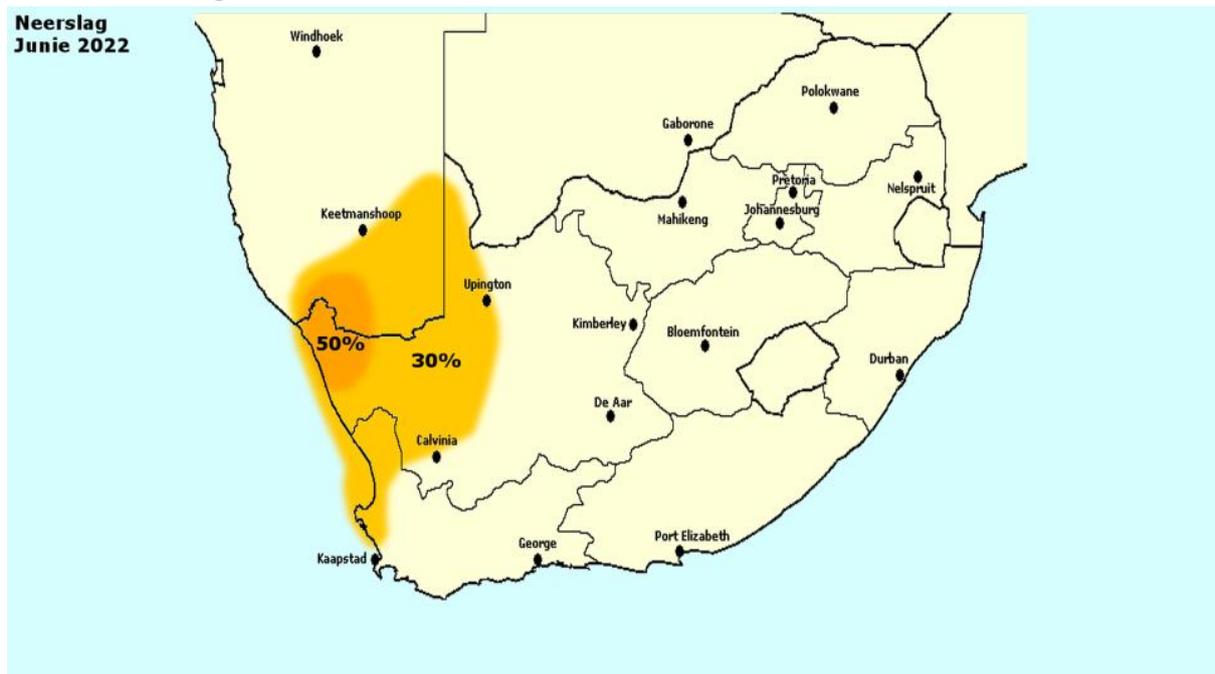
- El Nino is currently  $-0.9^{\circ}\text{C}$  and changes to  $-0.5^{\circ}\text{C}$  in July and will remain so until September.
- The Indian Ocean Dipole (IOD) is currently in a negative phase  $-0.4^{\circ}\text{C}$  and changes to  $-1.0^{\circ}$  in July and decreases further in September to  $-1.4^{\circ}$ .
- The Subtropical Indian Ocean Dipole (SIOD) is currently neutral but will change to negative by September.
- It will not have a big impact on the winter rainfall region's weather but will contribute in early summer to thunderstorms that will initially develop further west than normal.
- Chances are therefore good that the western interior will be wetter than normal in early summer.

## Weather during May 2022



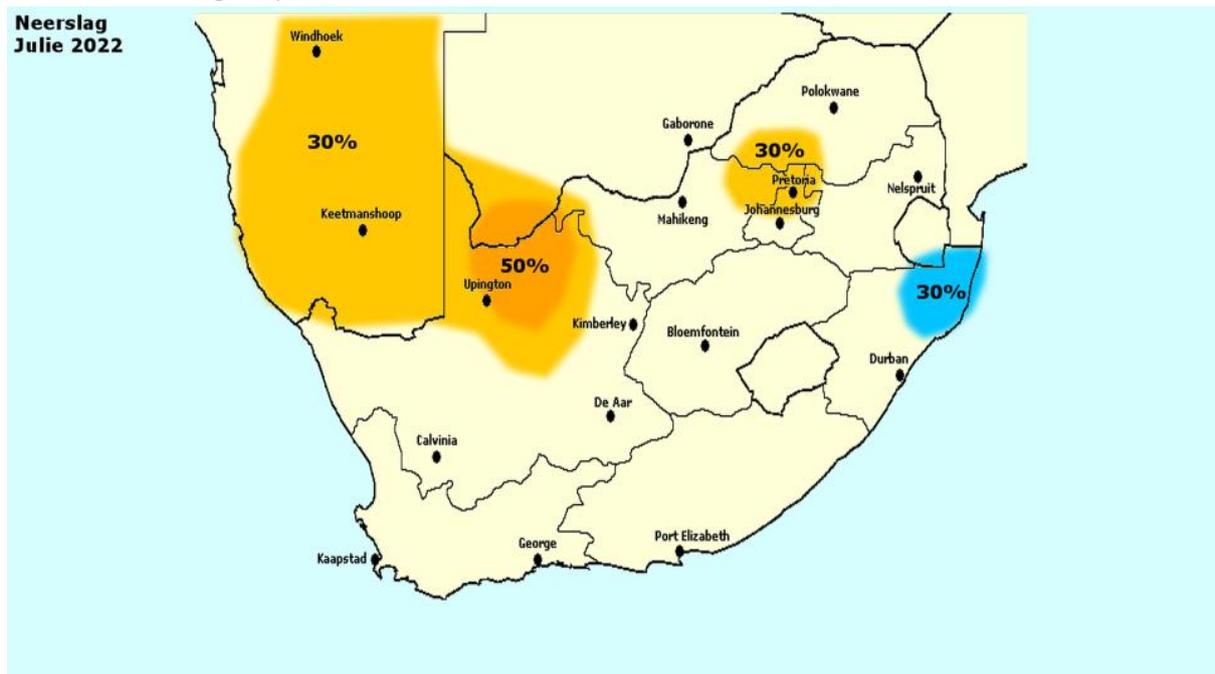
- Currently there is a 30% chance that Namibia, Botswana and the western interior will be drier than normal in May.
- Furthermore, there is a 50% chance of drier than normal weather on the west coast.
- However, this does not mean that the West Coast will remain completely dry as estimates show that at least three significant cold fronts will enter the Cape during May.
- Furthermore, we expect the first frost in the eastern interior somewhere in the middle of May.
- The possibility of snow over the Boland mountains and higher lying parts of the Eastern Cape has not been ruled out.

## Weather during June 2022



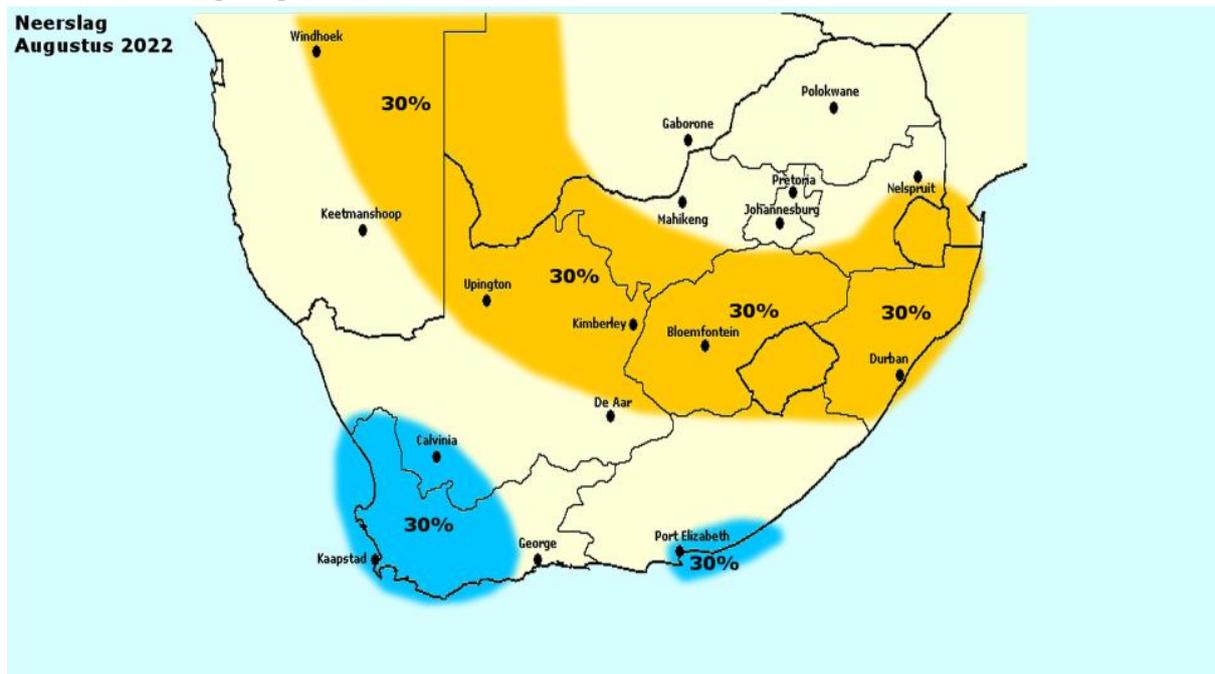
- 30% chance of drier weather in the western interior and 50% chance of drier than normal in the north-west of the Northern Cape.
- Cold fronts will initially come through weakly in June with the most rain over the Overberg and Southern Cape.
- By the middle of the month, however, a few cold fronts will come through stronger and also start heading inland.
- Apart from rain in the southwest, it will also bring cold weather with the possibility of frost especially over the eastern interior.
- After that, however, the latter part of June will remain relatively dry with weaker cold fronts emerging.

## Weather during July 2022



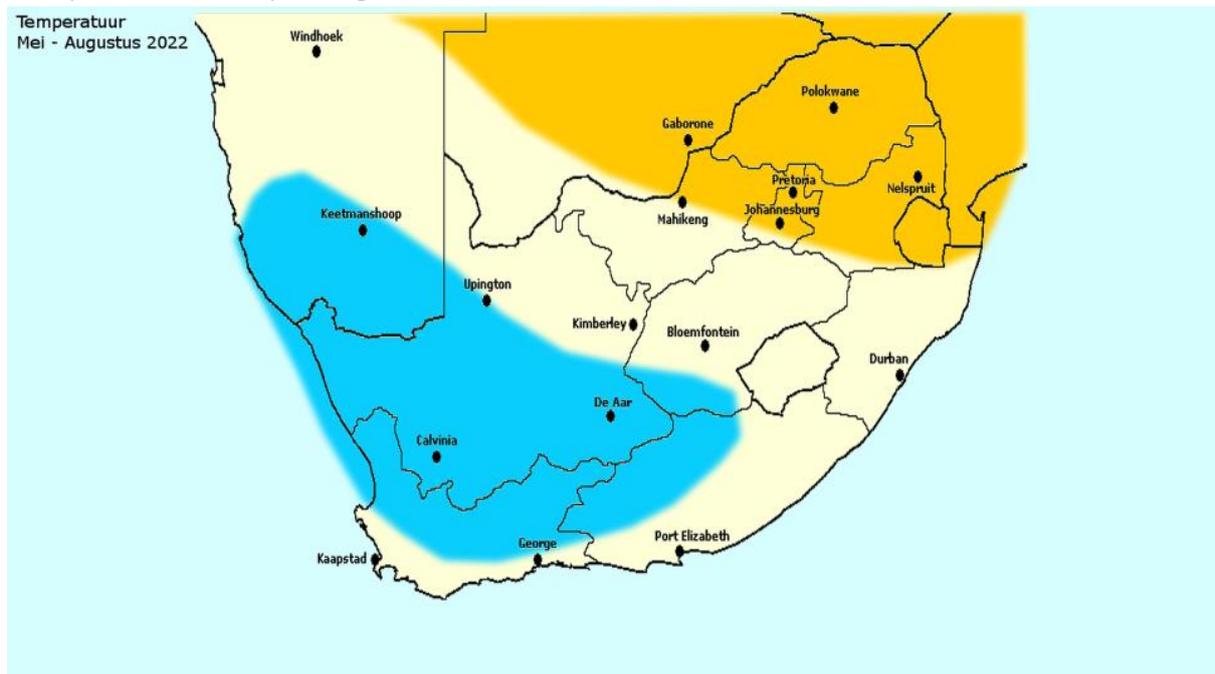
- 30% chance of drier than normal over Namibia and 50% chance of dry weather in the northern North Cape. Gauteng can also expect drier than normal weather at this stage.
- Although we expect close to normal rain over the Winter Rainfall Region, more cold fronts will appear but these will not be strong systems. Less rain but more frequent perhaps.
- Furthermore, morning temperatures in the interior should be more bearable with a lower chance of frost than other years during June.

## Weather during August 2022



- By August, there is a broad strip over the central interior with about a 30% chance of drier than normal conditions.
- The Western Cape and the Eastern Cape coastal area should have a 30% chance of wetter than normal weather.
- We therefore expect some strong fronts to arrive in August. It will bring cold and wet weather over the Cape and also colder than normal mornings in the interior of the Eastern Cape.

## Temperatures: May – August 2022



- Models at this stage predict cooler than normal conditions throughout the winter in the Southwest as well as the western interior while warmer than normal weather is expected in the north.
- Cloudless weather in the north will bring warmer than normal weather during the days but the mercury will drop at night due to radiation of heat from the earth's surface.
- It will be a relatively dry cold with less chance of frost but during the middle of June especially there is possibility of black frost in the eastern interior.

Compiler: GM Hugo (Independent Weather Forecaster)