



# **Weather Report**

## **22 March 2022**

# South Africa - Weather

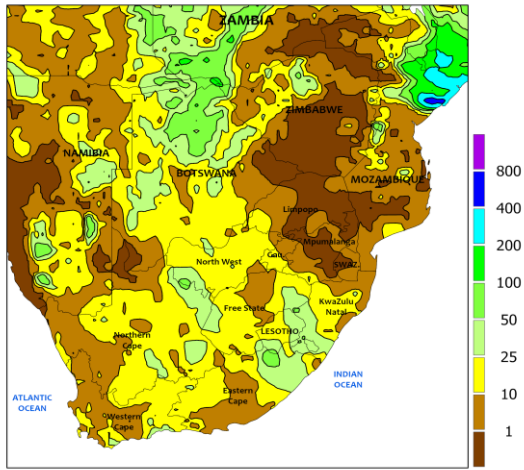
South Africa's main production areas will see a mix of rain and sunshine this week. The rain may slow maturation and harvesting at times, though producers will have opportunities to get into the fields between rain events. Precipitation totals will not be enough to significantly impact crop quality in most locations. The main production areas in South Africa will see a mix of spotty rainfall and sunshine this week

o Natal and Mpumalanga will receive 1.00-3.00" of rain with local amounts over 4.00" by next Monday morning

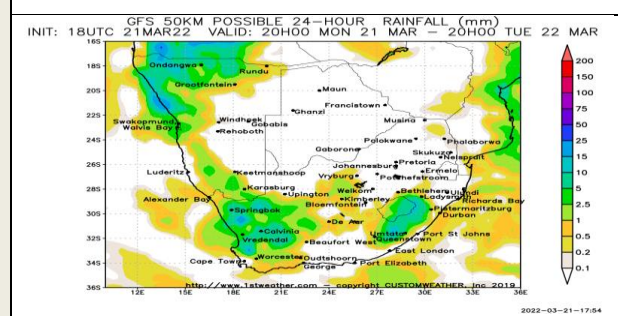
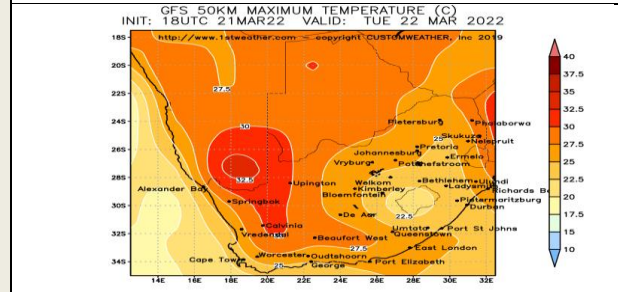
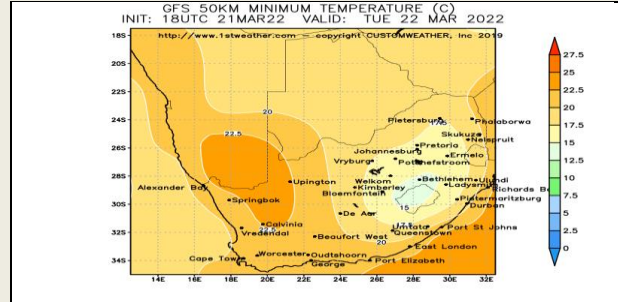
o Other production areas will receive 0.25-1.50" of rain with local amounts over 2.00" during this time

• South Africa will be drier biased March 29 – April 4

SOUTH AFRICA  
Total Precipitation(mm)  
March 6 - 12, 2022



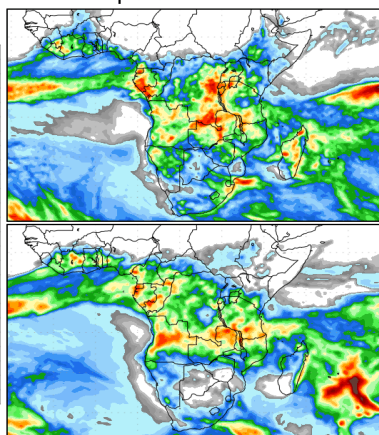
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



Precipitation (mm)  
during the period:

Mon, 21 MAR 2022 at 12Z  
-to-  
Tue, 29 MAR 2022 at 12Z

Tue, 29 MAR 2022 at 12Z  
-to-  
Wed, 06 APR 2022 at 12Z



Precipitation (% of normal)  
during the first period:

Mon, 21 MAR 2022 at 12Z  
-to-  
Tue, 29 MAR 2022 at 12Z

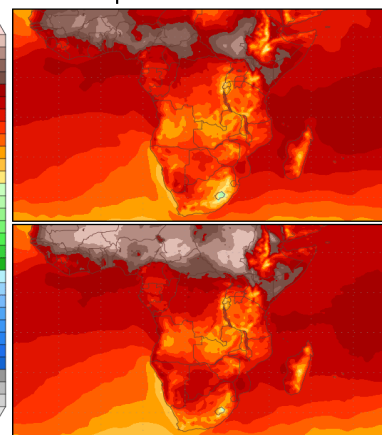
Precipitation forecasts from the National Centers for Environmental Prediction.  
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.  
Forecast Initialization Time: 12Z21MAR2022

GRADS/COLA

Mean Surface Temperature (°C)  
during the period:

Mon, 21 MAR 2022 at 12Z  
-to-  
Tue, 29 MAR 2022 at 12Z

Tue, 29 MAR 2022 at 12Z  
-to-  
Wed, 06 APR 2022 at 12Z



Temperature Anomaly  
during the first period:

Mon, 21 MAR 2022 at 12Z  
-to-  
Tue, 29 MAR 2022 at 12Z

Temperature forecasts from the National Centers for Environmental Prediction.  
Normal Temperature derived from CRU monthly climatology for 1901-2000  
Forecast Initialization Time: 12Z21MAR2022

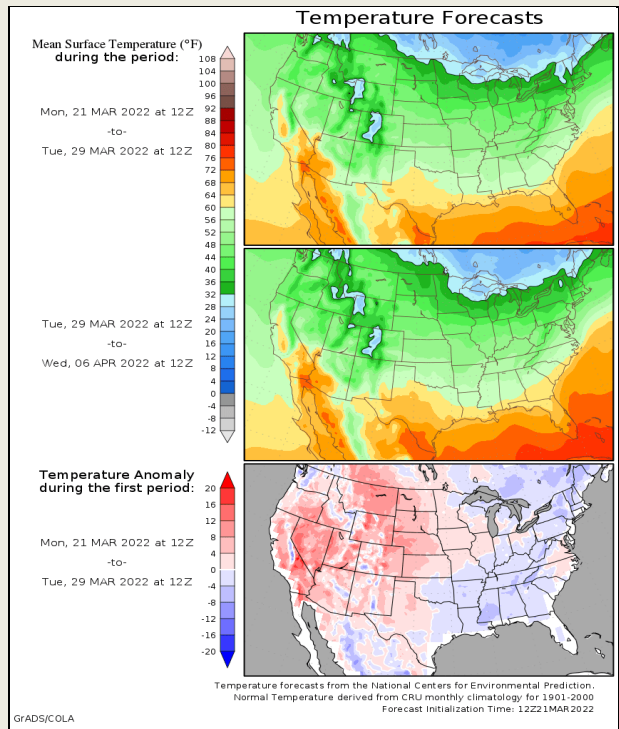
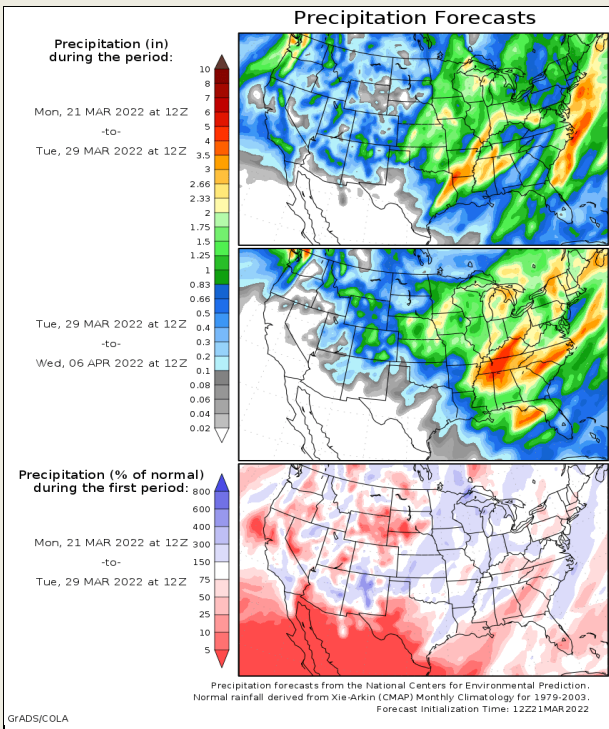
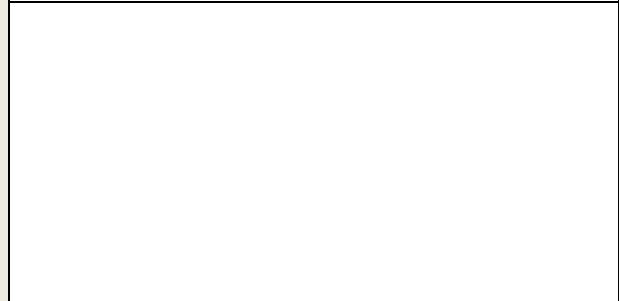
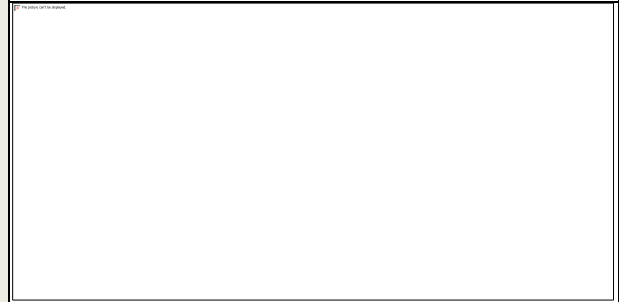
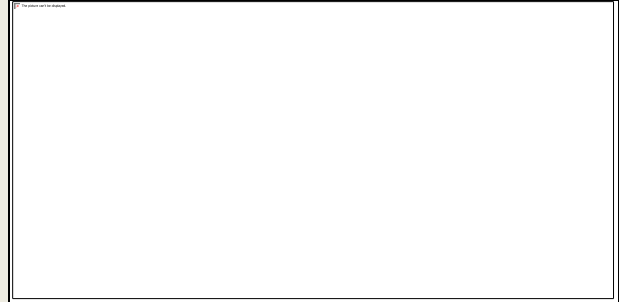
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## United States of America - Weather

**U.S. MIDWEST:** Today's forecast is wetter for the end of the month and the first days of April and the Midwest will see regular rounds of precipitation through April 3 with enough precipitation to increase soil moisture in the drier areas while causing delays to fieldwork.  
 o Some fieldwork should advance around the precipitation with drier weather needed in early April before fieldwork can be aggressive in a large part of the region.

**U.S. DELTA AND SOUTHEAST:** Widespread rain will fall into Wednesday with some heavy rain from the Delta through Mississippi where local flooding may occur before a stretch of drier weather into Mar. 30 allows for fieldwork to increase.  
 o Another round of precipitation will occur Mar. 31-April 3 and as long as rain does not fall too heavily planting should increase later in the first week of April.



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# South America - Weather

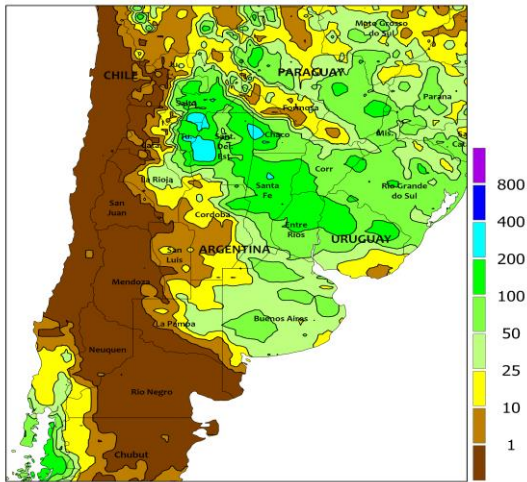
**BRAZIL:** Most of Brazil and Paraguay will see a good mix of rain and sunshine through the next two weeks that will be supportive of crop development with breaks between rounds of rain adequate to allow fieldwork to advance.

- o Northeastern Brazil will be driest overall and immature crops in portions of northern Minas Gerais and Bahia would benefit from greater rain.
- o Heavy rain will fall on parts of Paraguay and Rio Grande do Sul Tuesday into Friday.

**ARGENTINA:** Argentina will see dry weather most often through the next two weeks allowing for fieldwork to advance well around two round of significant rain that, along with soil moisture in place today, is expected to favorably support the needs of most crops.

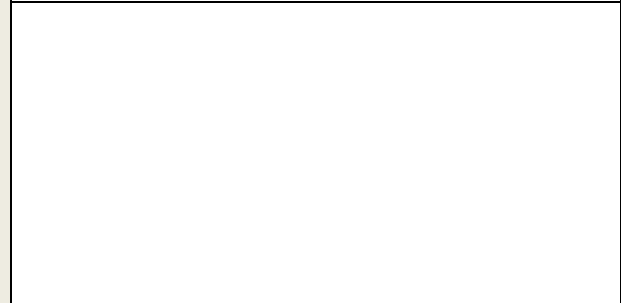
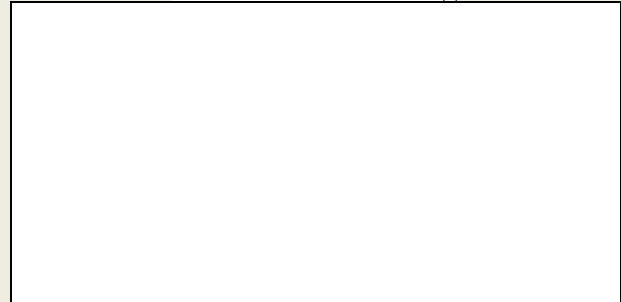
- o A close watch will be made on the rainfall distribution in western Argentina where soil moisture is low enough that crop stress may soon increase if rain were to miss the drier areas.
- o San Luis and nearby Cordoba have the greatest potential for crop stress as soil moisture is short and rain there will light.

ARGENTINA  
Total Precipitation(mm)  
March 6 - 12, 2022



CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data

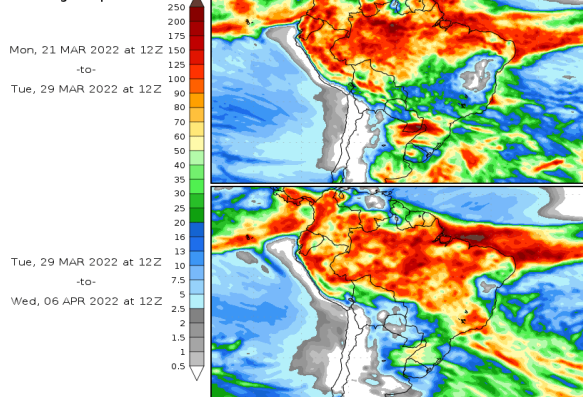
10 20 30 40 50 60 70 80 90 (%)



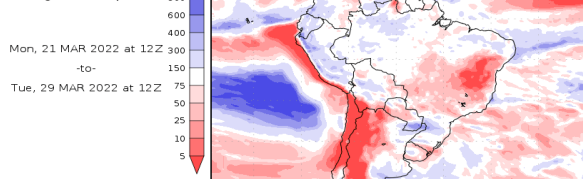
-20° -10° 0° 10° 20° 30° 40° (C)

## Precipitation Forecasts

Precipitation (mm) during the period:



Precipitation (% of normal) during the first period:

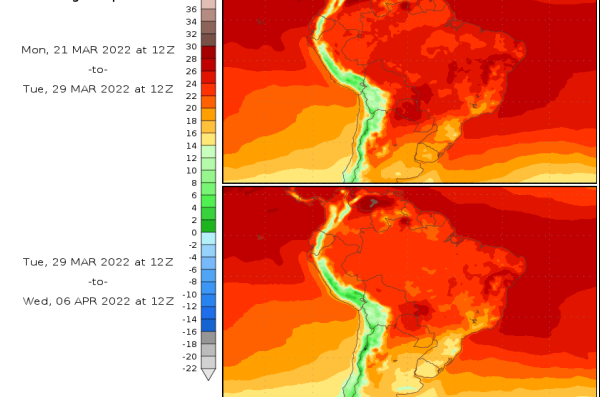


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Forecast Initialization Time: 12Z21MAR2022

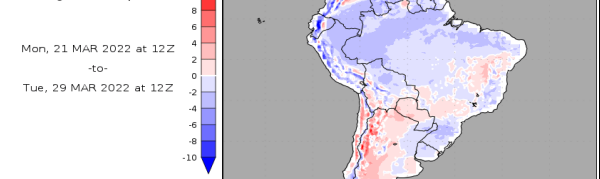
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## Temperature Forecasts

Mean Surface Temperature (°C) during the period:



Temperature Anomaly during the first period:



Temperature forecasts from the National Centers for Environmental Prediction.  
Normal Temperature derived from CRU monthly climatology for 1901-2000  
Forecast Initialization Time: 12Z21MAR2022

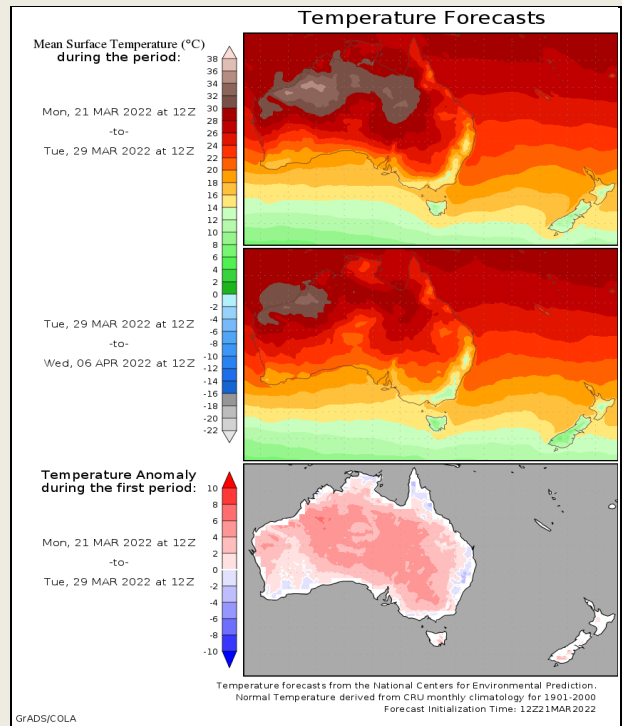
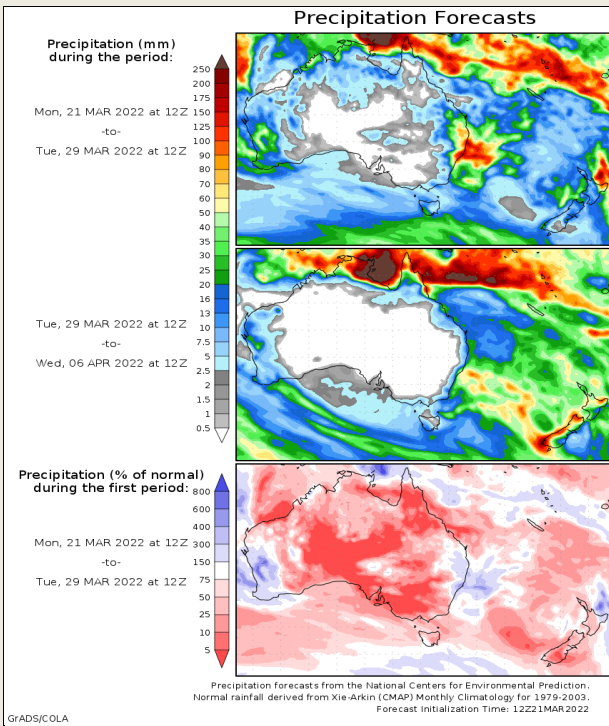
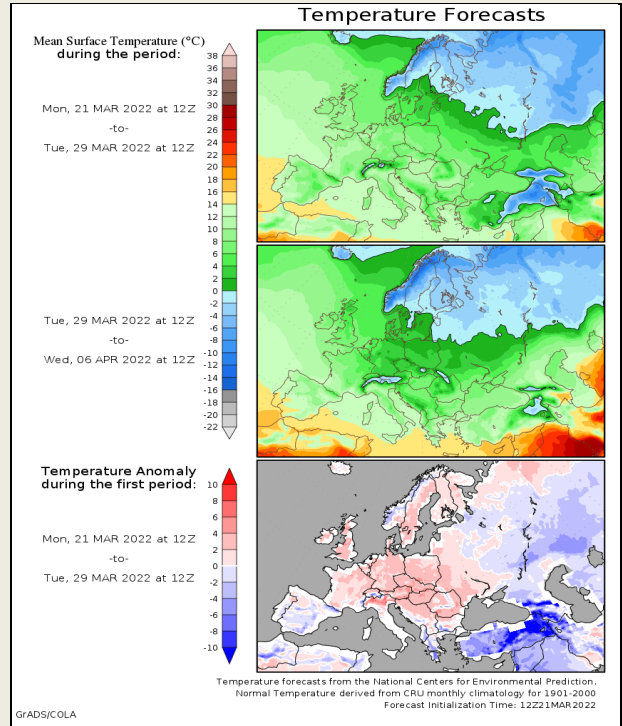
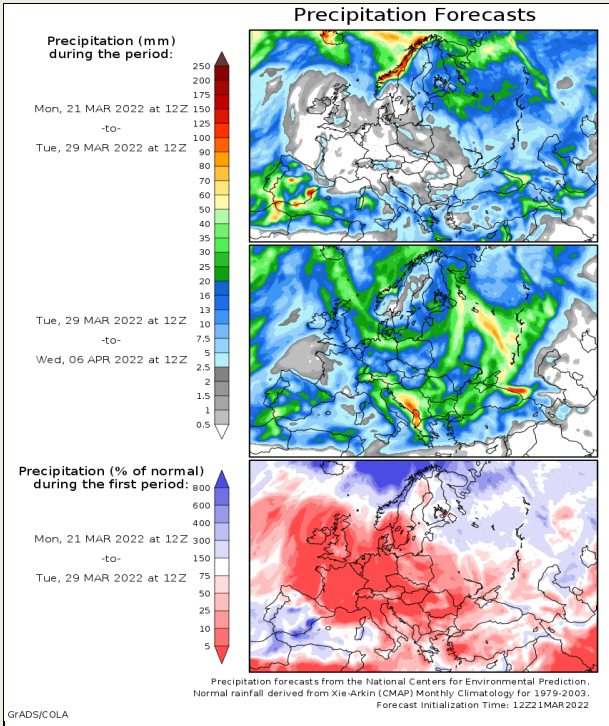
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## Europe, New Zealand and Australia - Weather

**EUROPE:** A similar precipitation pattern will continue through the first week of the outlook involving significant rain in Spain and Portugal and very little precipitation elsewhere. Soil moisture remains favorable in most areas; however, the need for greater precipitation in central, east-central and northeastern parts of the continent will be increasing later this month and in April as temperatures warm up and evaporation rates increase. Concern for dryness remains low and some increase in rain is likely in the second week of the outlook.

**AUSTRALIA:** Greater shower and thunderstorm activity is expected in key cotton and sorghum production areas of the east Thursday through Sunday. This will provide some relief to unirrigated crops from recent dryness and reduce stress, but the moisture will raise the risk of cotton fiber quality decline. Most of the rain will not fall heavily enough or persistently enough to result in a serious change in cotton conditions.



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