



# **Weather Report**

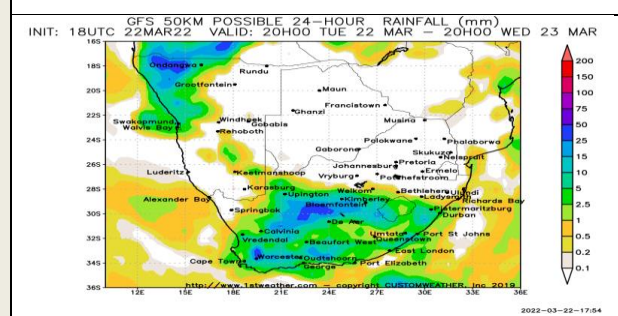
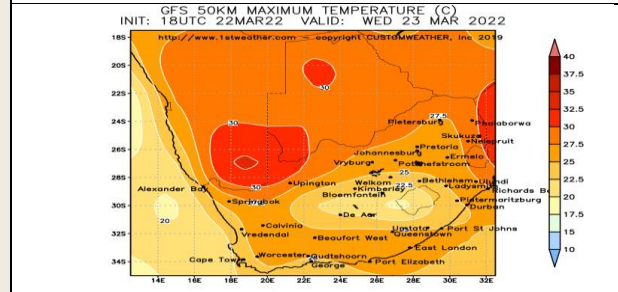
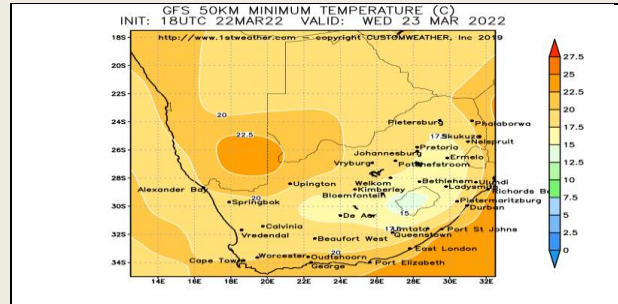
## **23 March 2022**

# South Africa - Weather

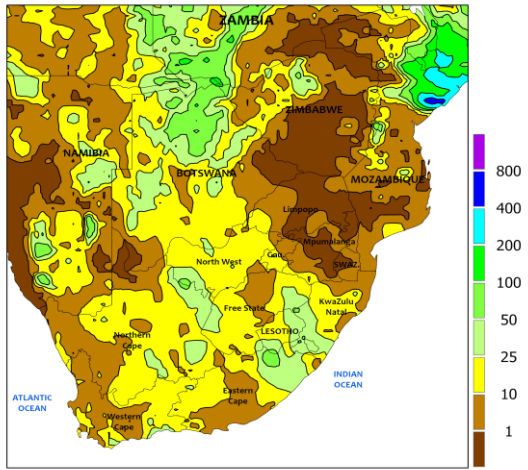
The main production areas in South Africa will see a mix of erratic rain and sunshine during the coming week. Late-season developmental conditions will remain good in most locations. Maturation and early-season harvesting will otherwise advance swiftly between rain events. Portions of eastern South Africa may need to see drier weather early in April to support ideal harvest prospects. • South Africa will see a mix of spotty rainfall and sunshine during the coming week

- o Natal, Mpumalanga, Limpopo, and portions of Western Cape and Northern Cape will receive 0.75-3.00" of rain with locally greater amounts by next Tuesday morning
- o Other areas will receive 0.25-1.50" of rain

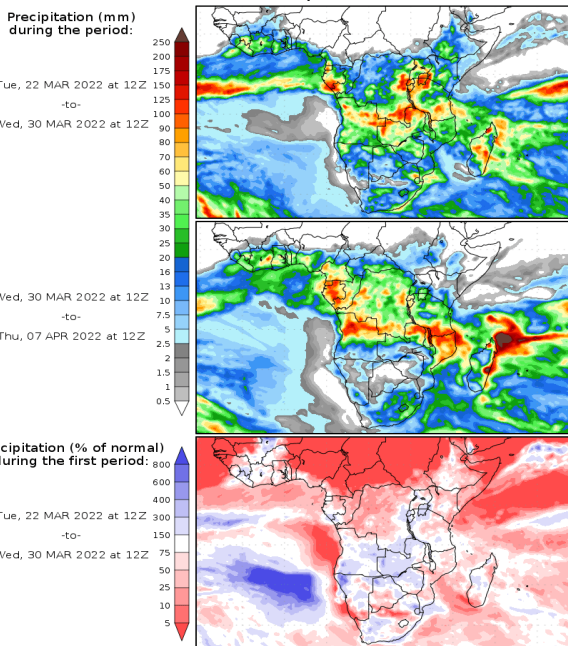
• South Africa will again have opportunities for erratic rainfall March 30 – April 5



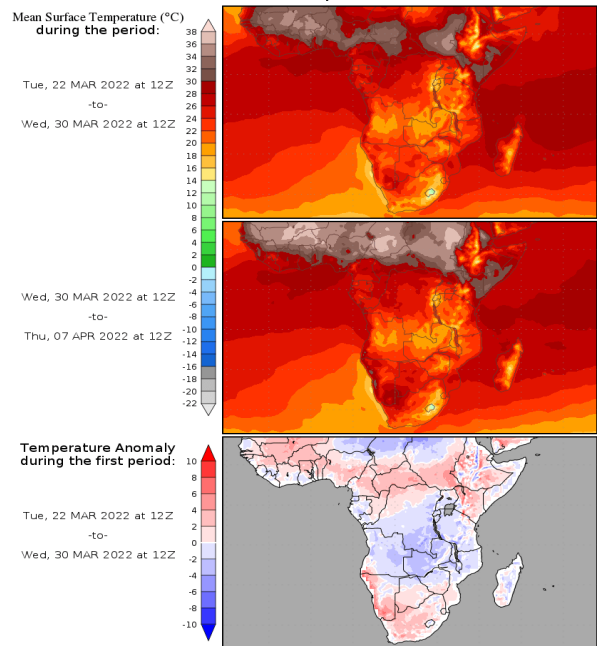
SOUTH AFRICA  
Total Precipitation(mm)  
March 6 - 12, 2022



## Precipitation Forecasts



## Temperature Forecasts



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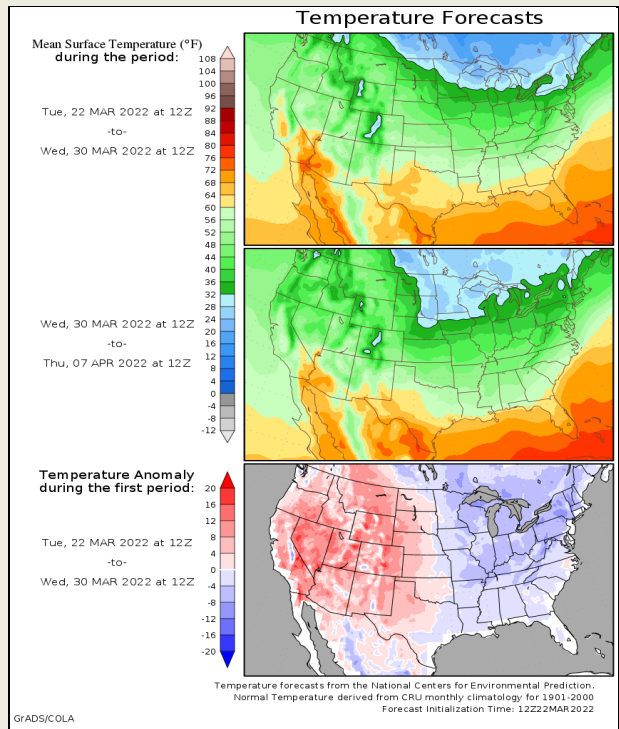
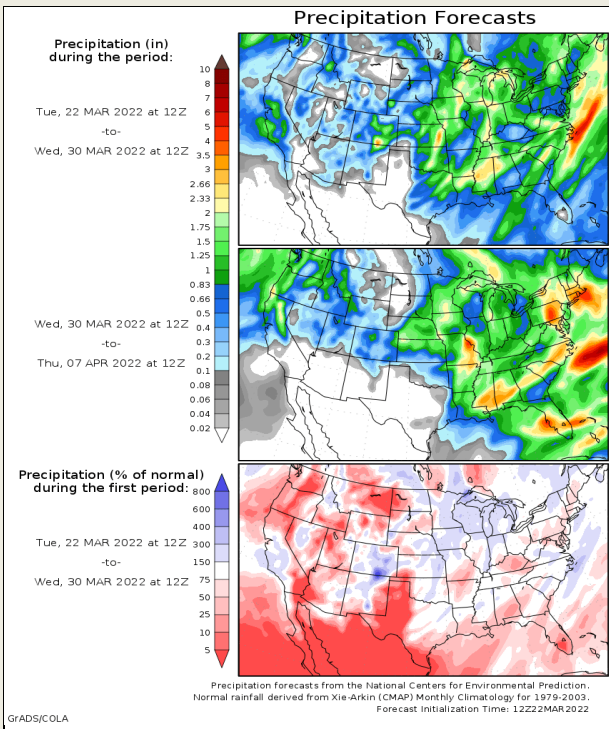
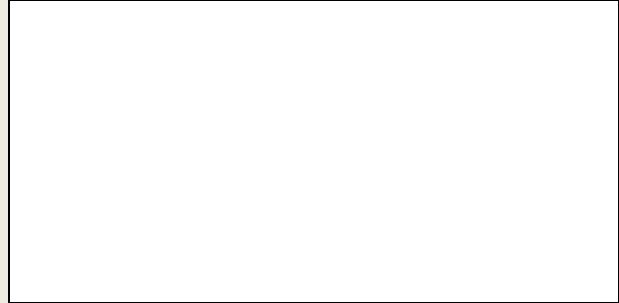
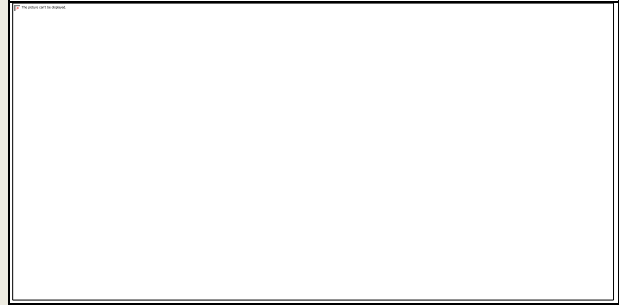
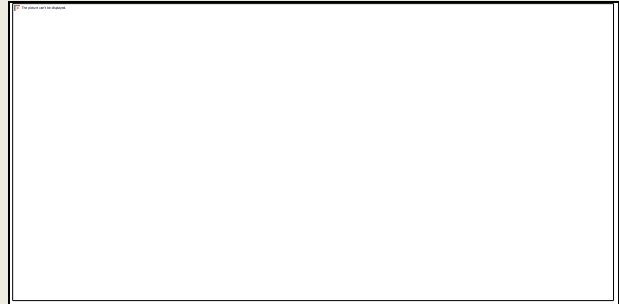
## United States of America - Weather

U.S. MIDWEST: Precipitation has been reduced again for the end of the month and the first days of April and the Midwest will see two rounds of precipitation during the next two weeks that will slow fieldwork while increasing soil moisture in the drier areas.

- o Fieldwork will be slow to resume after precipitation ends later this week, but fieldwork should steadily increase during the first week in April.

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

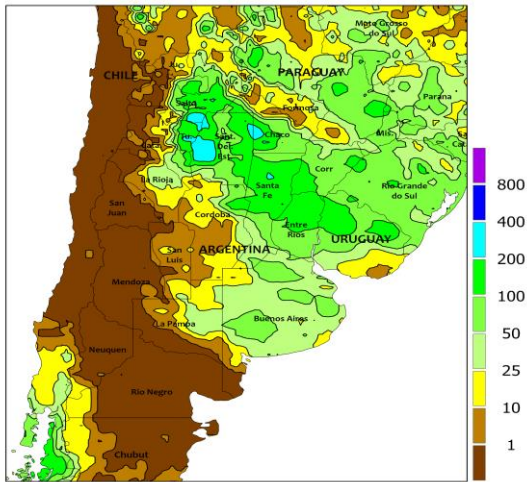
**BRAZIL:** Most of Brazil and Paraguay will see a good mix of rain and sunshine through the next two weeks that will be supportive of crop development with breaks between rounds of rain adequate to allow fieldwork to advance.

- 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.

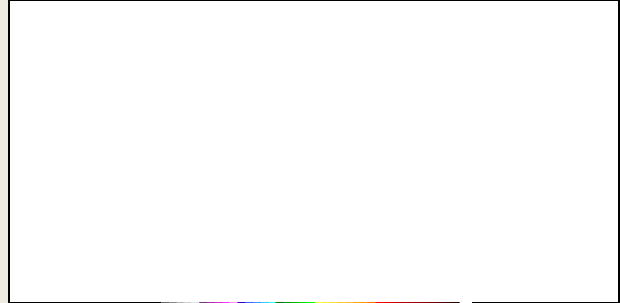
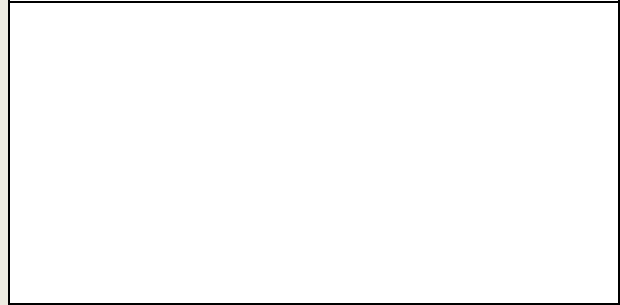
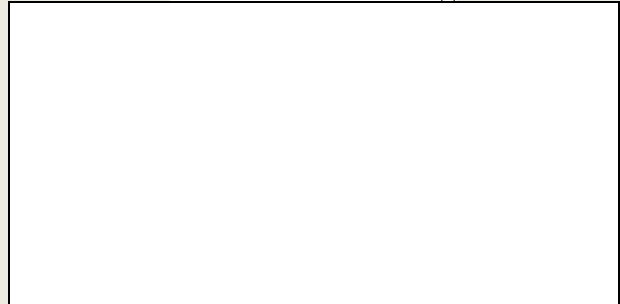
- o A close watch will be made on the rainfall distribution in western Argentina where soil moisture is low enough that crop stress may soon increase if rain were to miss the drier areas.
- o San Luis and nearby Cordoba have the greatest potential for crop stress as soil moisture is short and rain there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

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



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

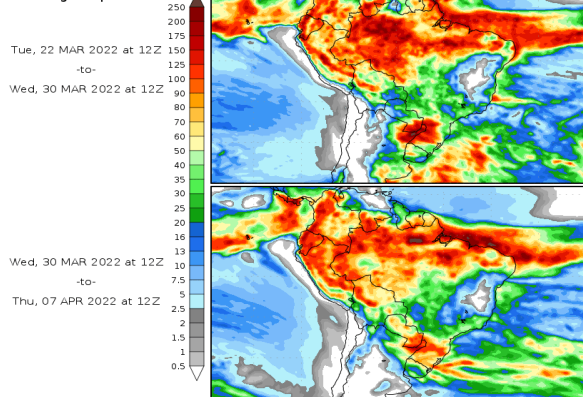
10 20 30 40 50 60 70 80 90 (%)



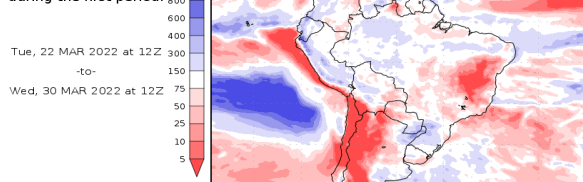
-20° -10° 0° 10° 20° 30° 40° (C)

## Precipitation Forecasts

Precipitation (mm) during the period:



Precipitation (% of normal) during the first period:

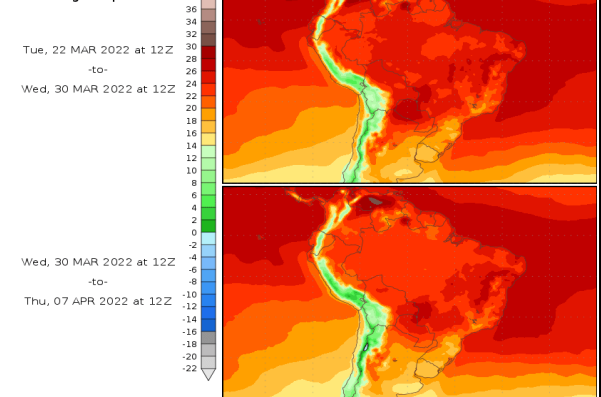


Precipitation forecasts from the National Centers for Environmental Prediction.  
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.  
Forecast Initialization Time: 12Z22MAR2022

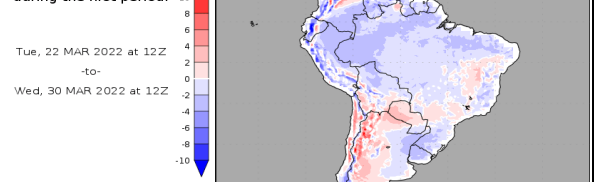
GRADS/COLA

## 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: 12Z22MAR2022

GRADS/COLA

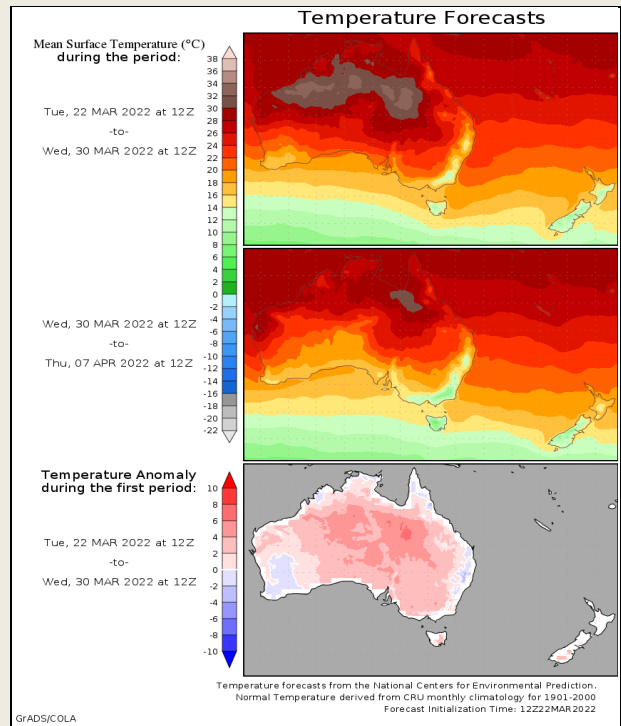
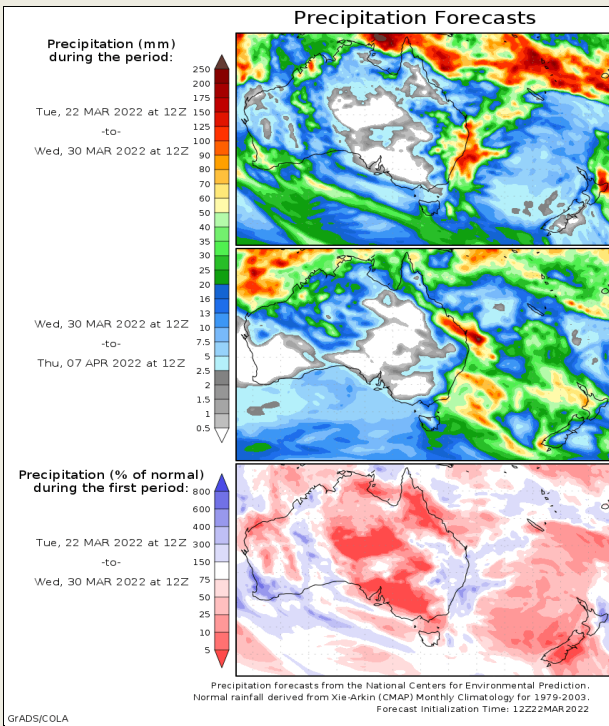
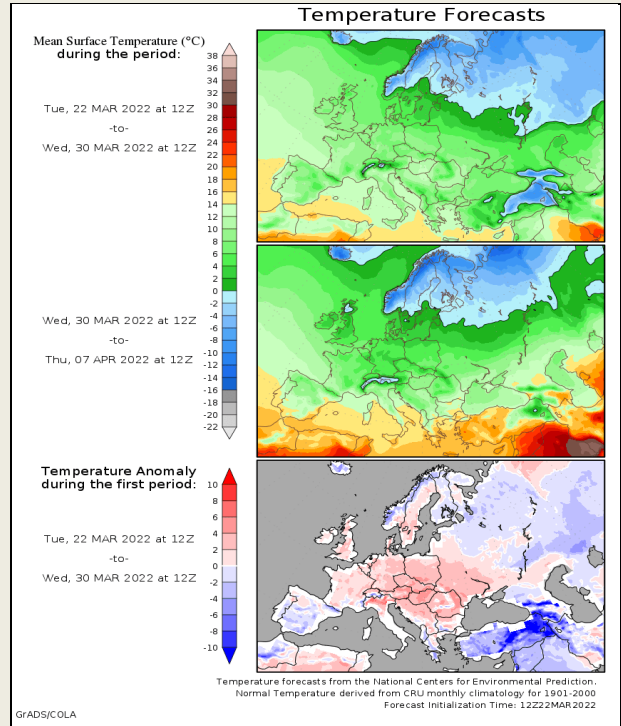
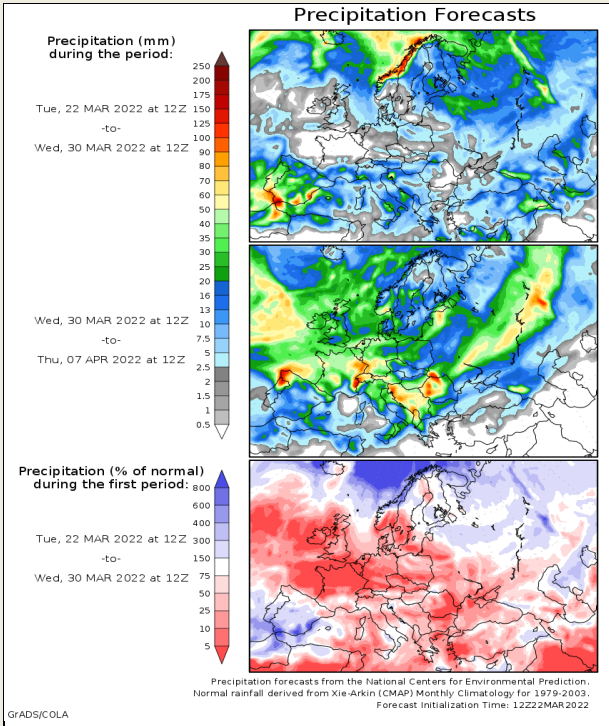
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## Europe, New Zealand and Australia - Weather

**EUROPE:** Rain in the first week of the outlook will continue to be greatest in Spain and Portugal. Soil moisture has improved quite a bit in this part of the region from recent rainfall and this week's rain will help maintain that. Dryness will continue in most other areas; though, greater precipitation is likely in the second week of the outlook. Concern for dryness in Europe remains low because of cool temperatures and limited early season crop growth, but as warming evolves the need for rain will increase.

**AUSTRALIA:** Enough shower and thunderstorm activity is likely in key cotton and sorghum production areas of the east in the first week of the outlook to increase topsoil moisture and reduce any stress that may have evolved in the recent dryness. Due to the erratic nature of the rain, there will be some fields that miss out from meaningful moisture; however, conditions will be an improvement over the previous week. Not enough rain is likely to reduce cotton quality.



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