



# **Weather Report**

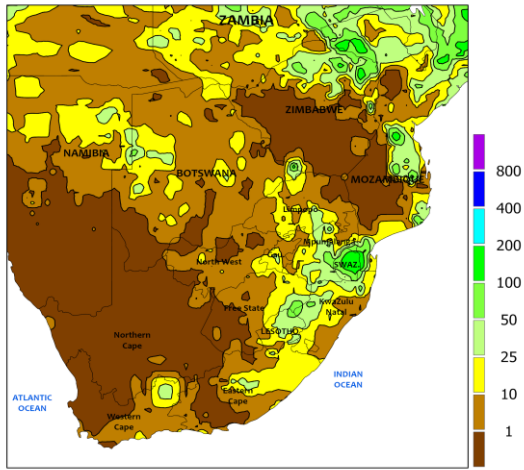
## **03 March 2022**

# South Africa - Weather

The main production areas in South Africa will see several waves of rain through the middle of next week. Rainfall will keep the ground at adequate to excessive levels and flash flooding will be possible from Natal into Free State. Crop development conditions will remain generally favorable outside the wettest fields. However, drier weather will be needed later this month as more crops start maturing. Scattered showers and isolated thunderstorms will evolve on a frequent basis for eastern and central South Africa during the coming week with some of the most significant rain occurring Thursday into this weekend. Moisture totals by next Wednesday morning will range from 0.75-4.00" and locally greater amounts in Natal, Free State, North West, western Mpumalanga, and Eastern Cape. Limpopo and the remaining portions of Mpumalanga will receive 0.10-0.75" of rain. Western South Africa will also have opportunities for erratic rainfall through the middle of next week. Eastern sections of Northern Cape and Western Cape will receive 0.50-2.00" of rain and locally greater amounts. Rainfall elsewhere will range from 0.10-0.75"

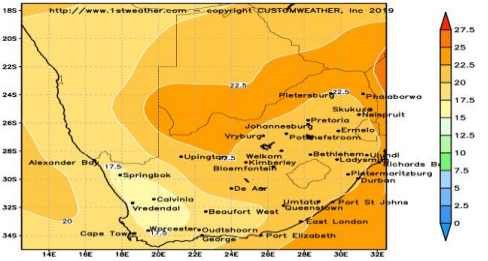
- Much of South Africa will see a mix of rain and sunshine March 10 – 16

SOUTH AFRICA  
Total Precipitation(mm)  
February 20 - 26, 2022

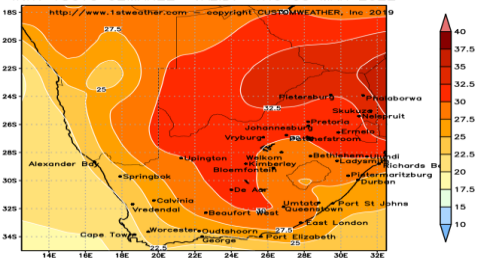


CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data

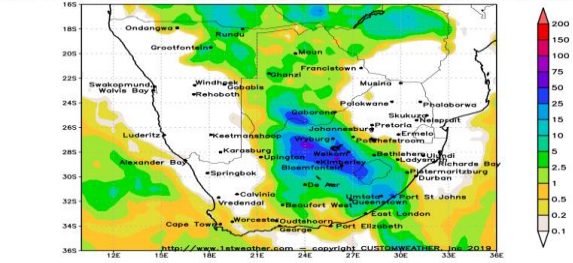
GFS 50KM MINIMUM TEMPERATURE (C)  
INIT: 18UTC 02MAR22 VALID: THU 03 MAR 2022



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INIT: 18UTC 02MAR22 VALID: THU 03 MAR 2022

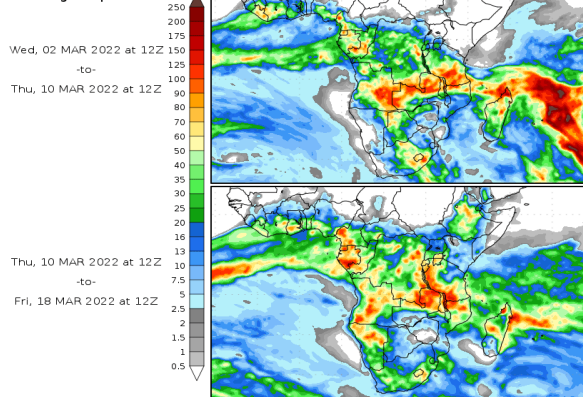


GFS 50KM POSSIBLE 24-HOUR RAINFALL (mm)  
INIT: 18UTC 02MAR22 VALID: 20H00 WED 02 MAR - 20H00 THU 03 MAR

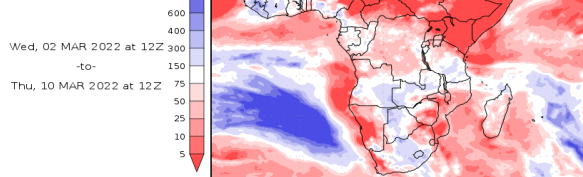


## Precipitation Forecasts

Precipitation (mm) during the period:



Precipitation (% of normal) during the first period:

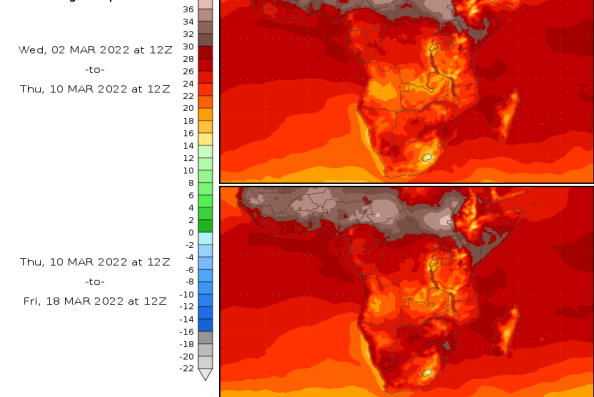


Precipitation forecasts from the National Centers for Environmental Prediction.  
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.  
Forecast Initialization Time: 12Z02MAR2022

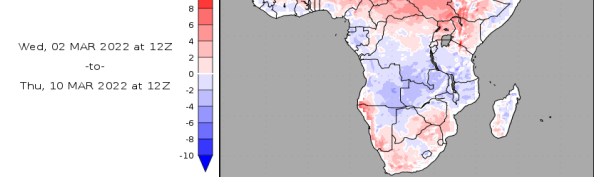
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## Temperature Forecasts

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: 12Z02MAR2022

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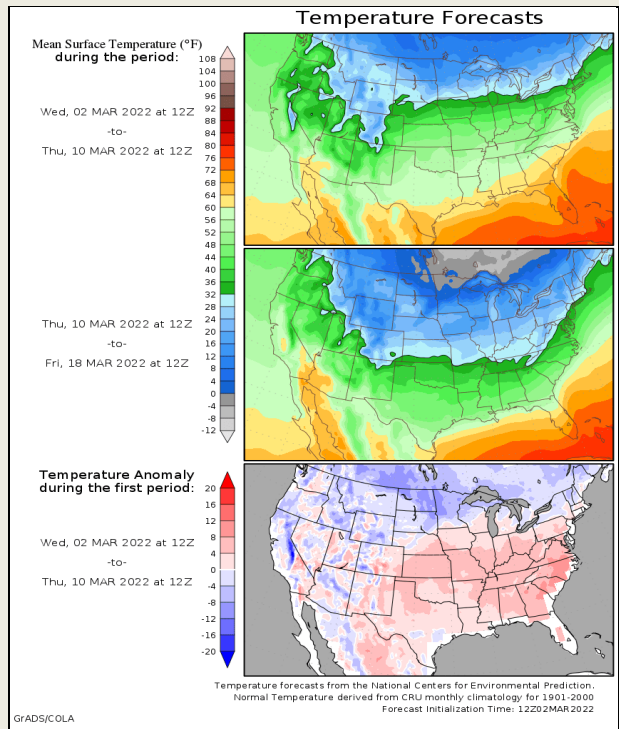
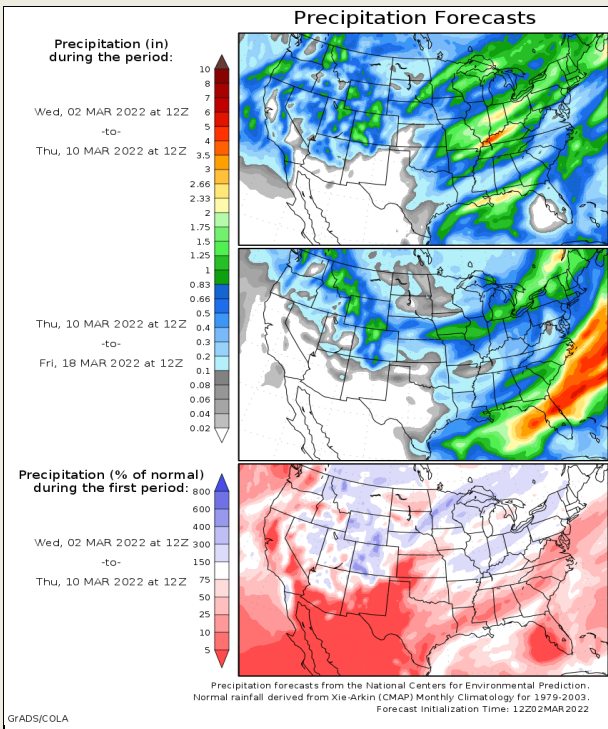
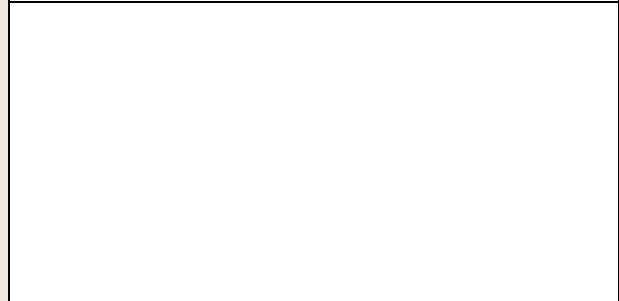
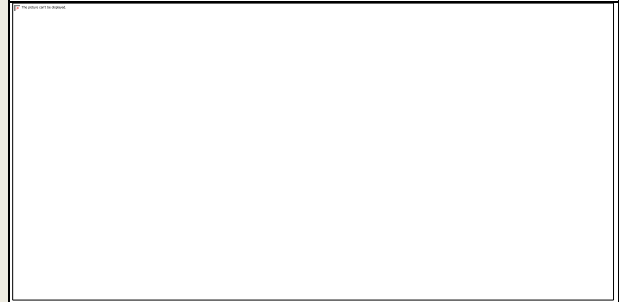
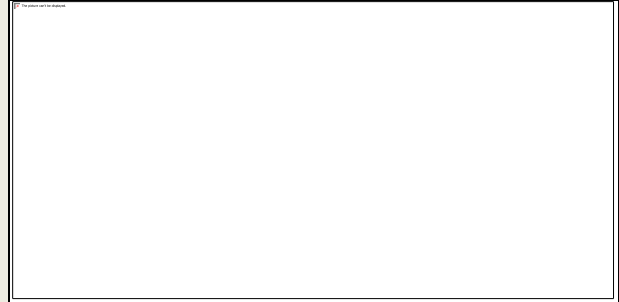
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## United States of America - Weather

**U.S. MIDWEST:** Mostly dry weather will continue through Friday and flooding in the eastern Corn Belt will decline before three new rounds of precipitation occur from Friday night through Mar. 11 leaving many eastern areas in need of drier weather to improve conditions for early season fieldwork. The soil is dry enough in most of the western Corn Belt that excessively wet conditions should not be common during the next two weeks and pre-season fieldwork may evolve in the many west-central and southern areas where the ground is not frozen.

**U.S. DELTA AND SOUTHEAST:** The Delta and the Southeast will be mostly dry through Friday and fieldwork will increase in much of the region before three rounds of precipitation occur Saturday through March 11. The outlook today is inclusive of lighter rain and shorter delays to fieldwork expected compared to that advertised Tuesday.

o The central and northern Delta will be wettest and with the soil already wet in this region delays to fieldwork may extend beyond the middle of the month in some areas.

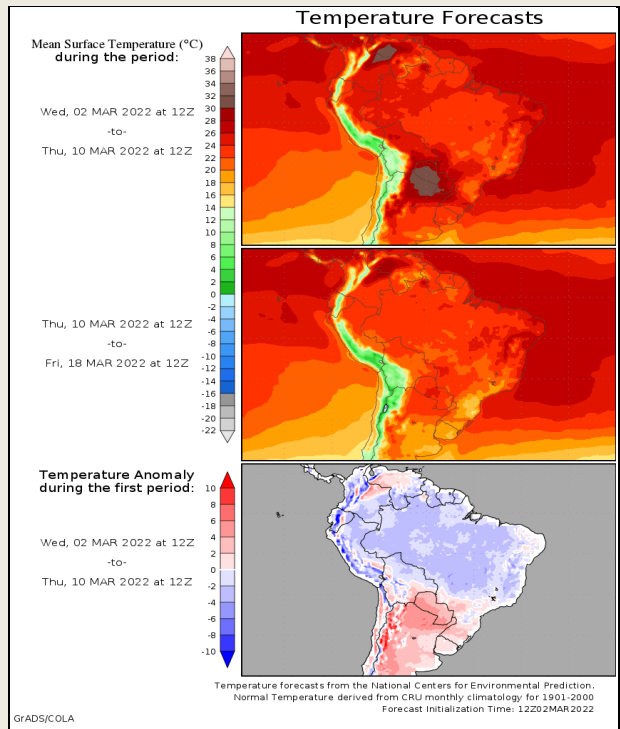
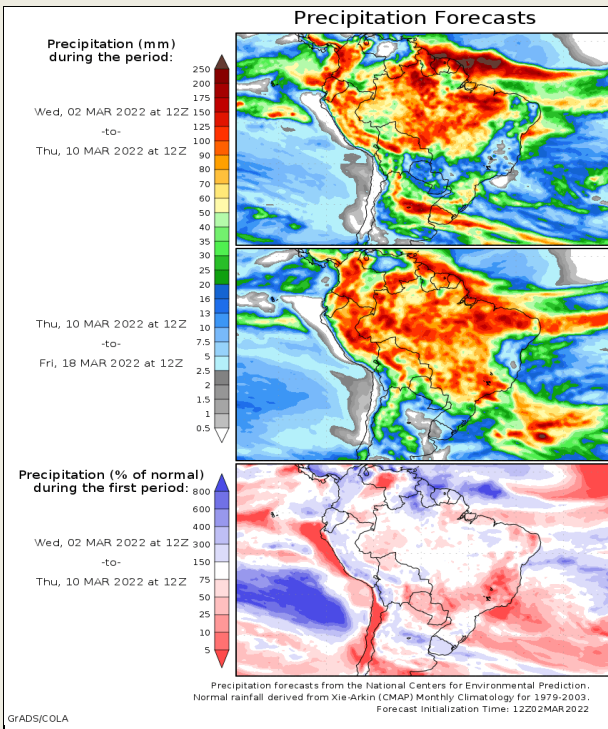
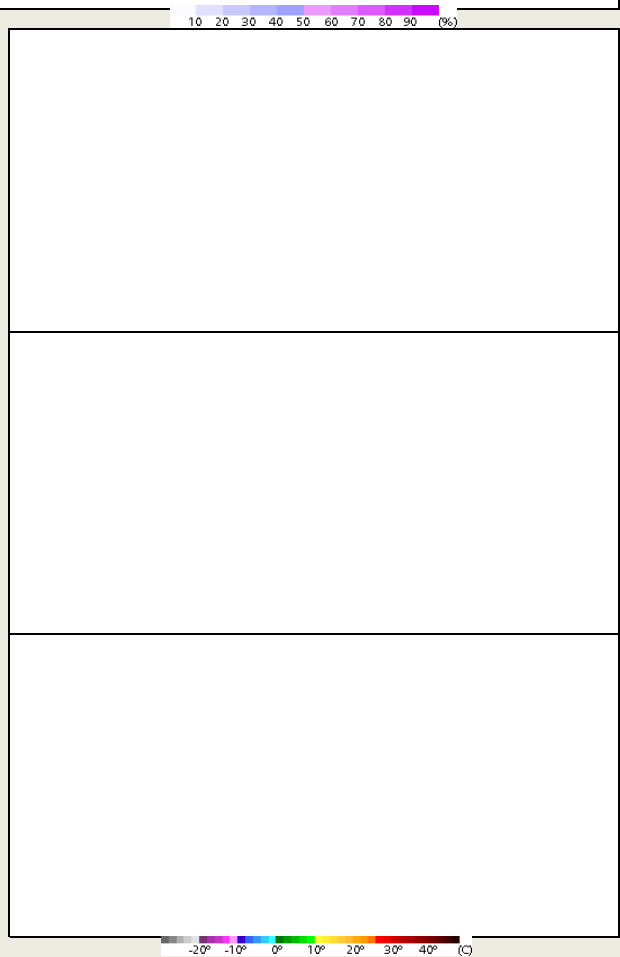
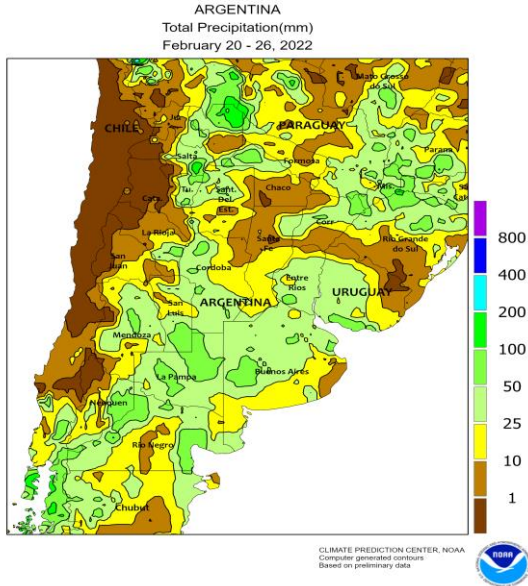


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# South America - Weather

**BRAZIL:** Additional improvements in conditions for summer crops and for Safrinha crop planting and development will occur during the next two weeks in the driest areas from Paraguay and Mato Grosso do Sul to southern Brazil where showers and thunderstorms will occur regularly through the period. Warm to hot temperatures will occur at times and that will reduce increases in soil moisture that would occur if temperatures were cooler.

**ARGENTINA:** The driest areas in central and northern Argentina will see regular rain and significant relief from dryness Friday through next Wednesday while key crop areas in southern Argentina see little rain and will depend on soil moisture in place to maintain favorable conditions for crops. Some crops in central and northern Argentina have been damaged too seriously by hot and dry weather this season to benefit from the coming rain while crops that are still viable should see significant improvements in yield potentials.



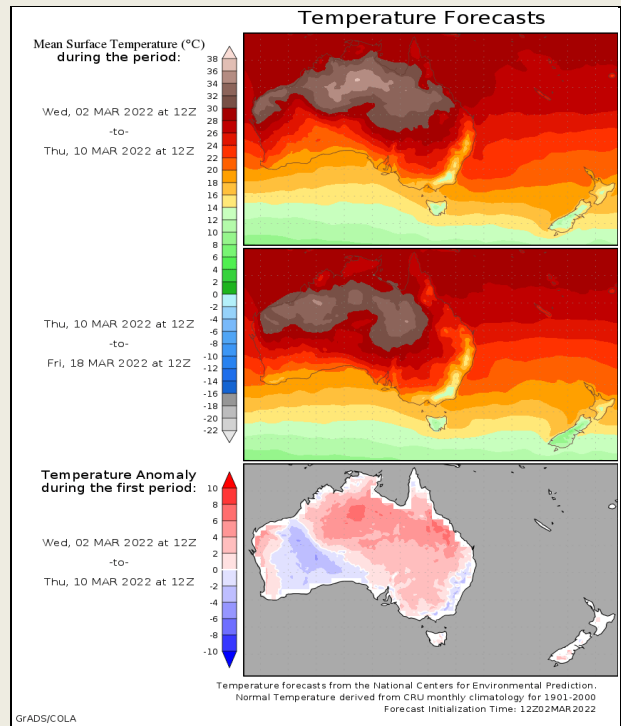
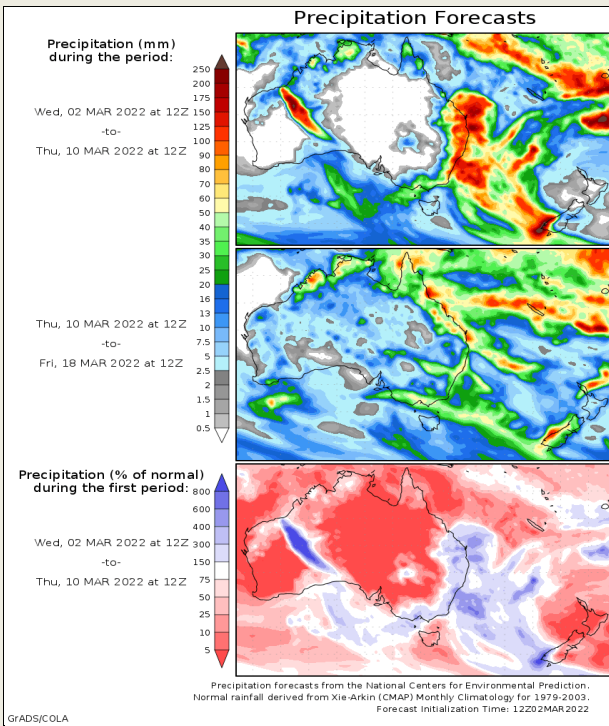
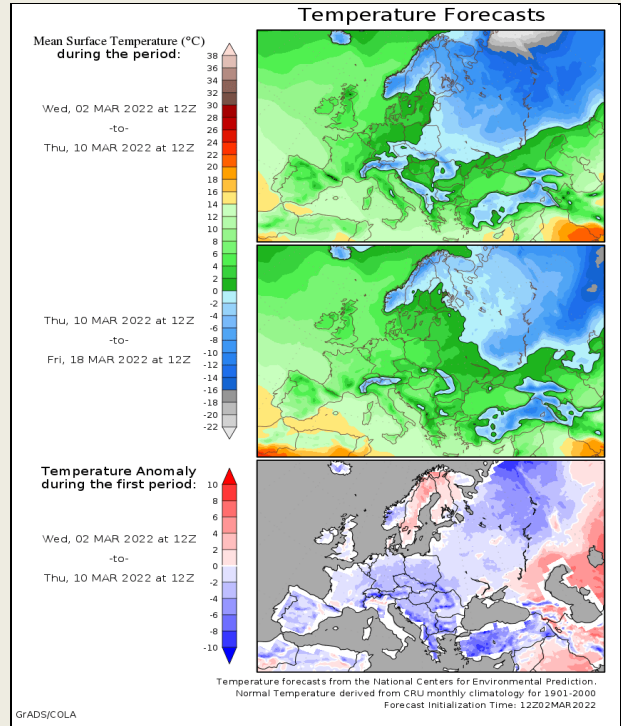
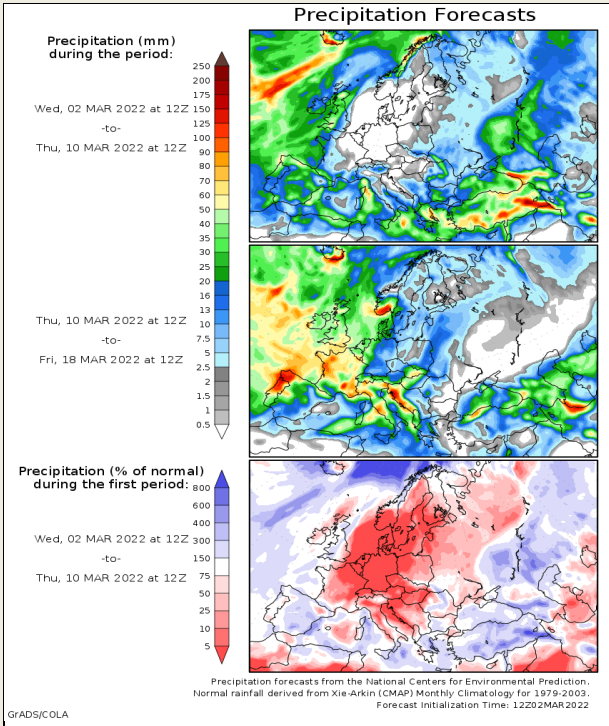
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## Europe, New Zealand and Australia - Weather

**EUROPE:** Rain Monday and early today was limited to the United Kingdom and several areas from southern parts of Italy into the Balkan Countries. Moisture totals varied from 0.05 to 0.20 inch with a few amounts to 0.50 inch in central Romania and 0.92 inch in southwestern parts of Wales. Highest afternoon temperatures were in the 30s and 40s in the east and in the 50s and 60s in the west. Low temperatures this morning were in the upper teens and 20s in central and eastern parts of the continent while in the 20s and 30s in the interior west and 30s and 40s in parts of the Iberian Peninsula and the United Kingdom.

**AUSTRALIA:** Eastern sorghum and cotton areas of New South Wales and Queensland will receive enough rain in the first week of the outlook to maintain favorable soil moisture; though, a few localized areas may receive a little too much rain and have an impact on open boll quality of cotton. Rain in western production areas of New South Wales and Queensland will be more restricted with net drying likely and a need for greater moisture in late season crop areas that are not irrigated. Rain will be most significant in coastal areas of the east.



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