



# **Weather Report**

## **15 June 2022**

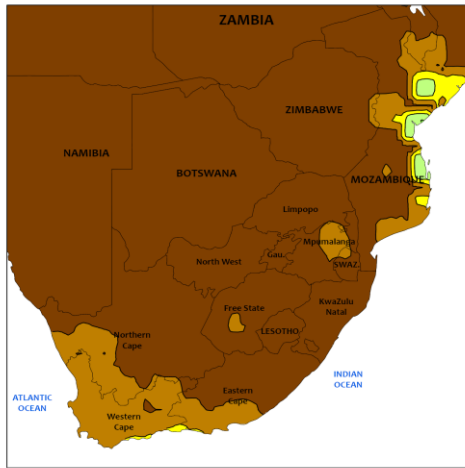
# South Africa - Weather

Two frontal boundaries will help promote periods of rain in western and central South Africa during the coming week. The rain will be beneficial for winter wheat establishment and growth in much of Western Cape and portions of Northern Cape. Free State will miss out on the most significant rain, though the rain that does occur will be welcome. Winter wheat prospects will remain favorable across the country.

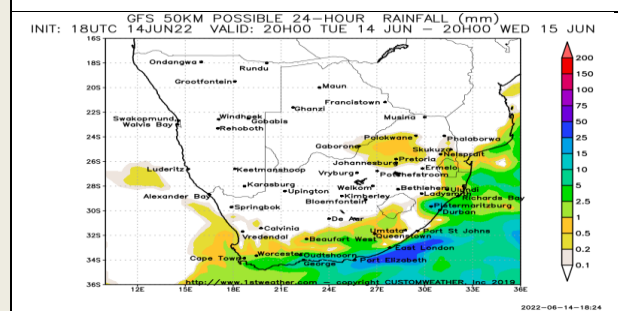
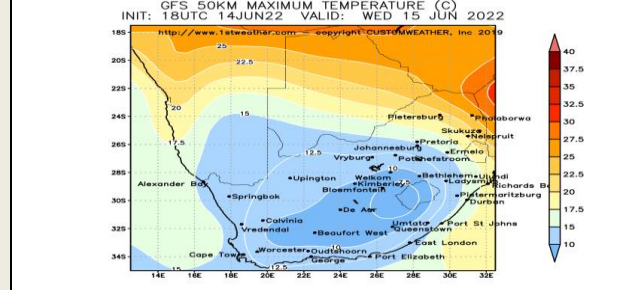
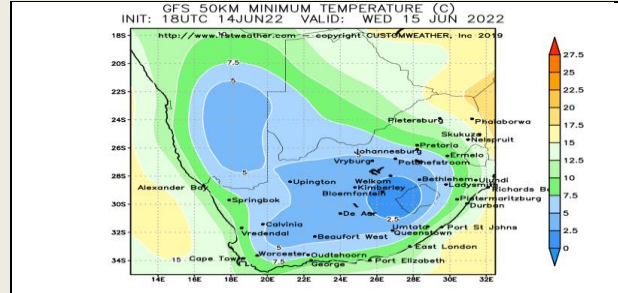
Late-season harvesting of the summer crops will also advance swiftly in much of eastern and central South Africa despite the rain. • Eastern and central South Africa will see a mix of rain and sunshine during the coming week. A frontal boundary will generate mostly light rain today and early Wednesday. Another frontal boundary will also generate more rain late Friday into early next week. Western Cape and many areas in Northern Cape and Eastern Cape will receive 0.50-3.00" of rain and locally greater amounts by next Tuesday morning. Free State and North West will not receive enough rain to counter evaporation.

• Eastern South Africa will generally be drier biased during the coming week. Natal will occasionally receive light rain, though most locations will not receive enough rain to counter evaporation. • Alternating periods of rain and sunshine are slated for South Africa.

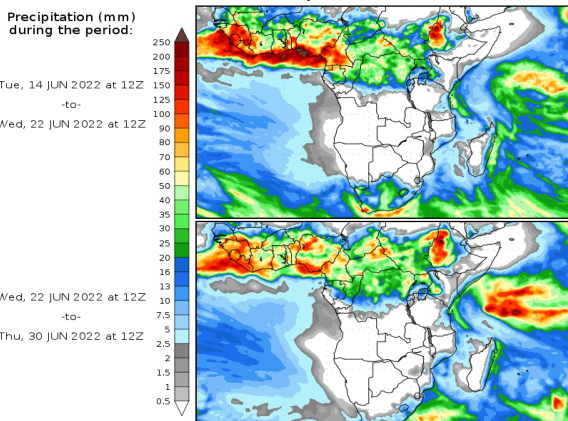
SOUTH AFRICA  
Total Precipitation(mm)  
May 29 - June 4, 2022



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



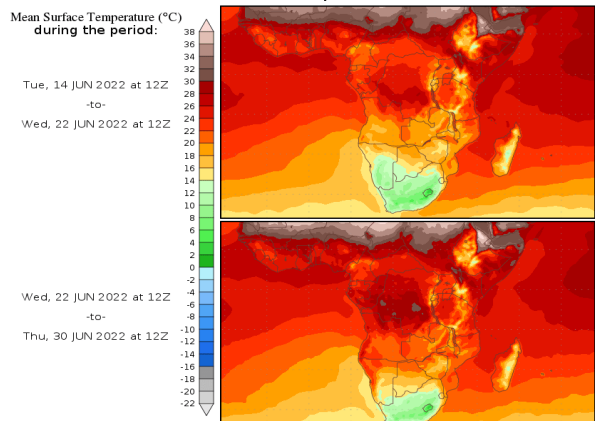
## Precipitation Forecasts



Precipitation forecasts from the National Centers for Environmental Prediction.  
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.  
Forecast Initialization Time: 12Z14JUN2022

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## Temperature Forecasts



Temperature forecasts from the National Centers for Environmental Prediction.  
Normal Temperature derived from CRU monthly climatology for 1901-2000  
Forecast Initialization Time: 12Z14JUN2022

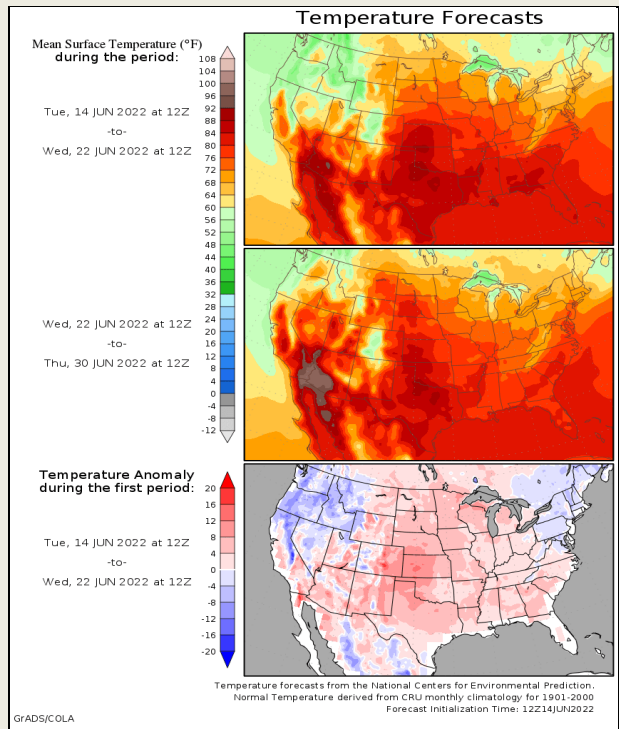
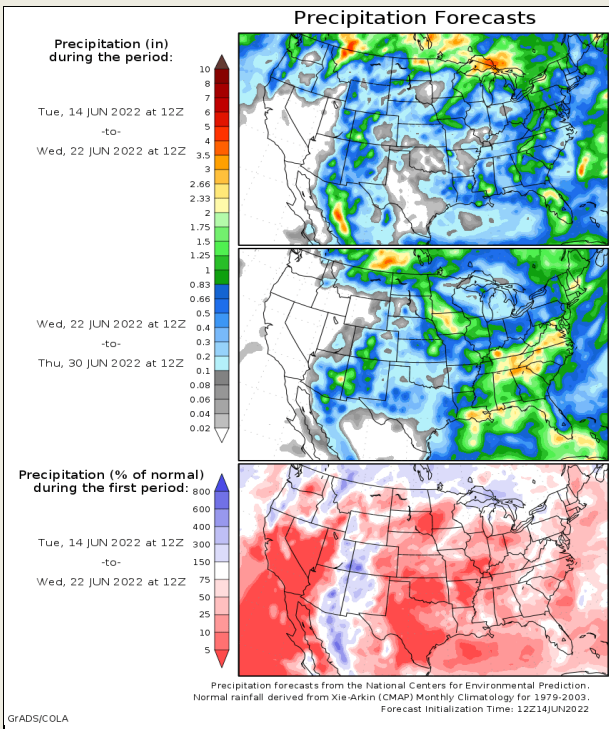
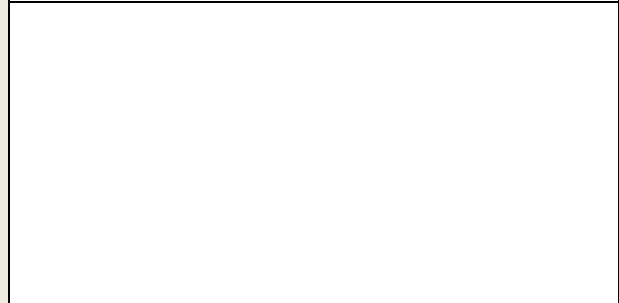
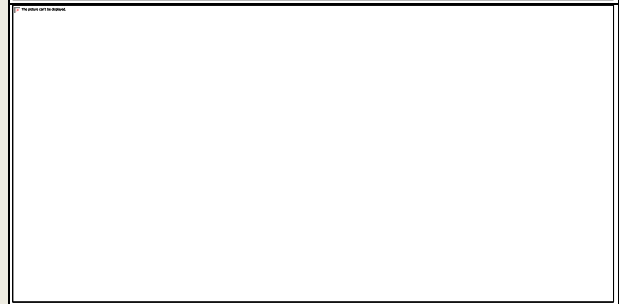
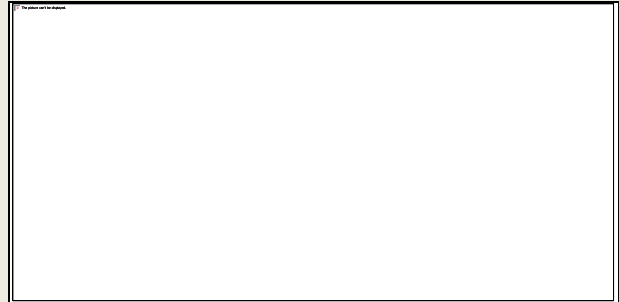
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## United States of America - Weather

**U.S. MIDWEST:** Warm to hot temperatures through at the middle of next week will cause some stress to crops while a restricted rainfall pattern and rapid drying is expected Thursday through June 28. o Planting should soon be completed in most areas. o Although the topsoil will quickly dry down during the next two weeks, subsoil moisture will adequately support crop development and most crops should remain favorably rated during the period. o Beneficial rain is expected from eastern Nebraska to Wisconsin while little rain falls elsewhere. o Greater rain along with cooler temperatures will be needed late this month and in early July to keep production potentials from declining.

**U.S. DELTA AND SOUTHEAST:** The Delta and the Southeast will dry down significantly through the next two weeks and some crops in the drier areas may become stressed by a lack of soil moisture while subsoil moisture should adequately support crop development in most areas through the period. o A large part of the Southeast will receive rain through Thursday and the moisture will be beneficial and will buy crops more time before stress increases. o The southern Delta as well as areas from southern Georgia to central and eastern North Carolina should be the first to see crop stress due to a lack of soil moisture.



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# South America - Weather

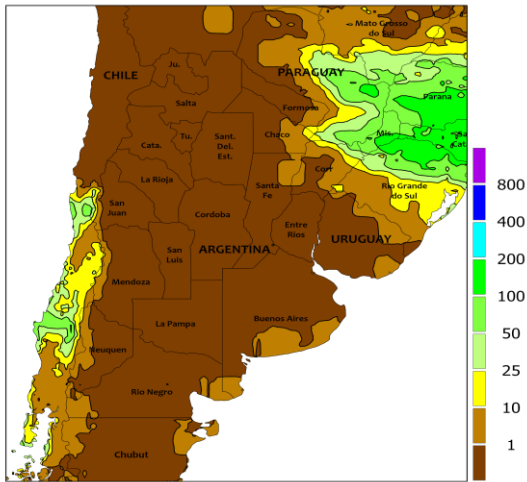
**BRAZIL:** Paraguay and southern Brazil will see regular rounds of rain and interruptions to fieldwork Thursday through June 28 while rain is restricted most often through the next two weeks elsewhere.

- o Southern Mato Grosso will receive at least some rain Thursday through Sunday with Mato Grosso do Sul seeing rain as well.

**ARGENTINA:** Dry weather will be most common through the next two weeks and fieldwork will advance well around light showers that infrequently develop in central and eastern parts of the country.

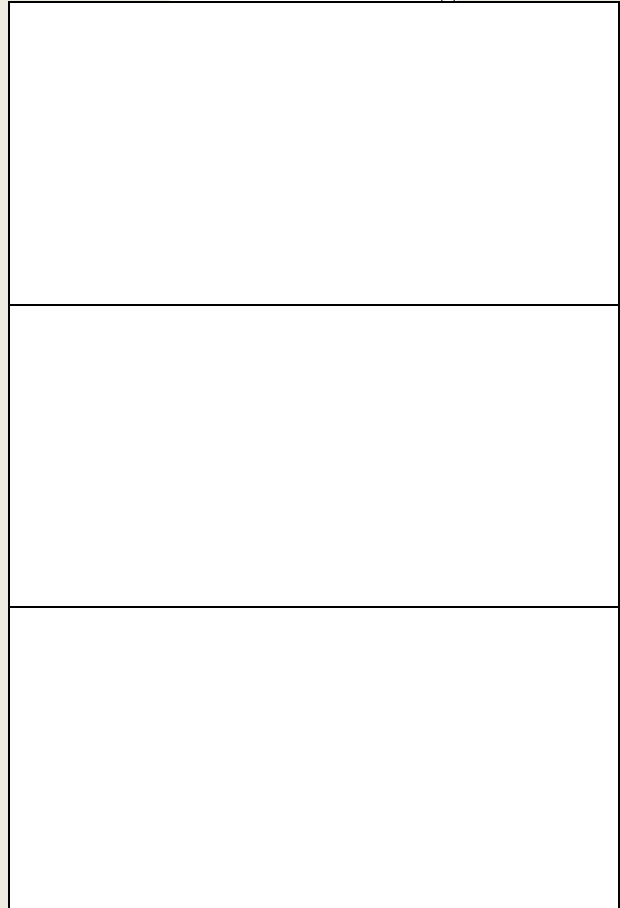
- o Greater rain is needed in the drier areas of western Argentina to improve conditions for winter crops.
- o Northern Santa Fe and Chaco to Corrientes and northern Entre Rios will receive up to 0.30" of rain and locally more Wednesday night into Thursday with some 0.30-0.80" totals and locally more in northern and eastern Corrientes.

ARGENTINA  
Total Precipitation(mm)  
May 29 - June 4, 2022



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

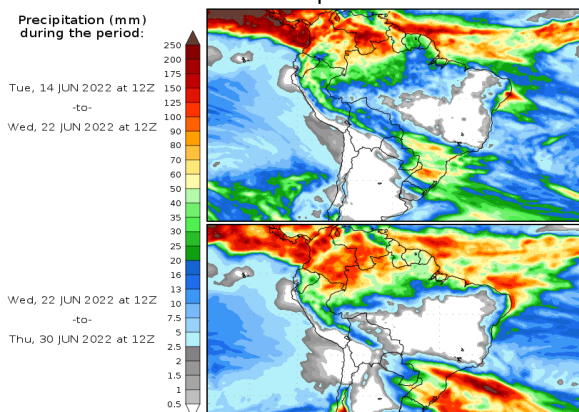
10 20 30 40 50 60 70 80 90 (%)



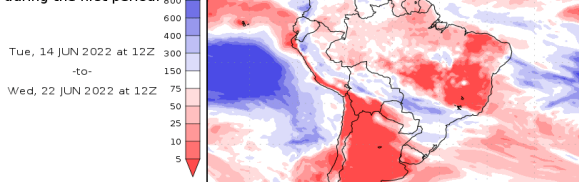
-20° -10° 0° 10° 20° 30° 40° (C)

## Precipitation Forecasts

Precipitation (mm) during the period:



Precipitation (% of normal) during the first period:

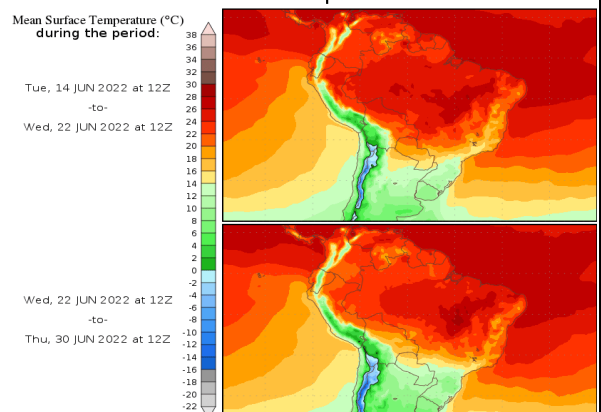


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Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.  
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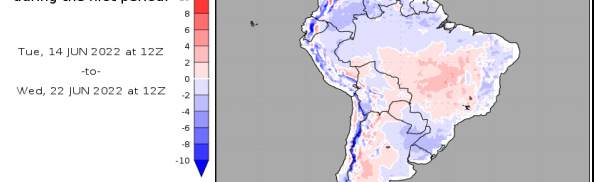
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## Temperature Forecasts

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: 12Z14JUN2022

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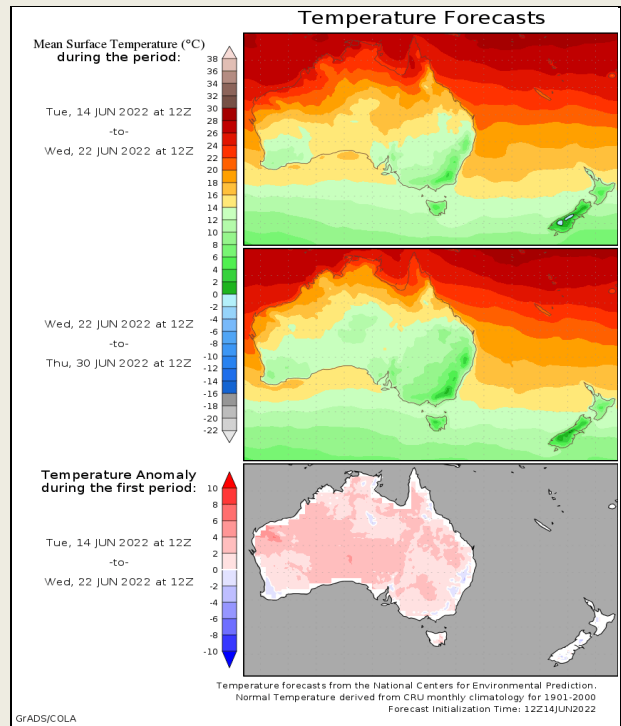
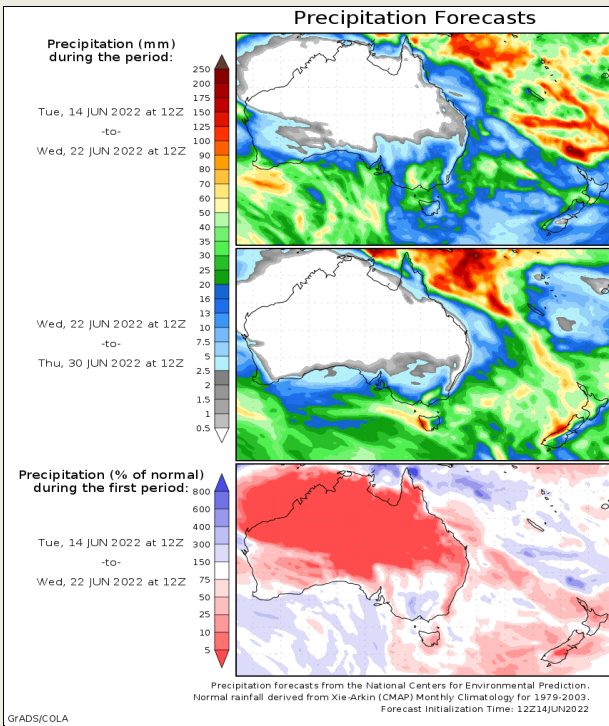
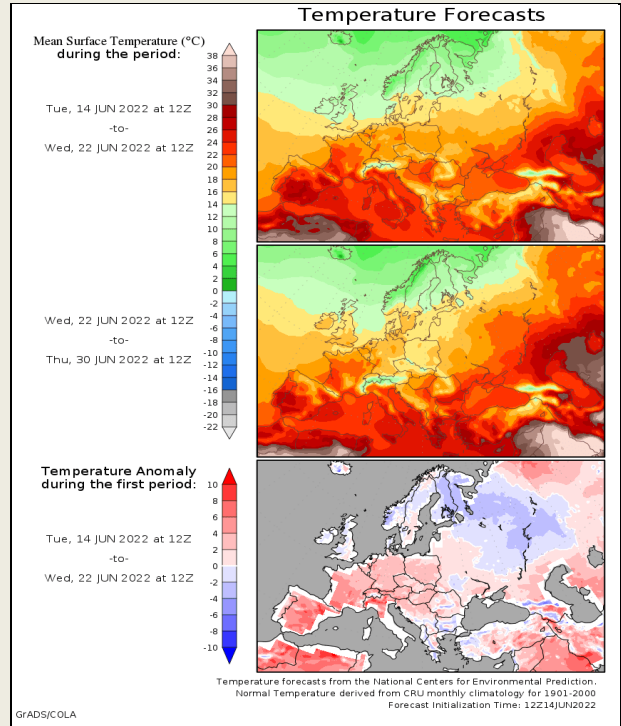
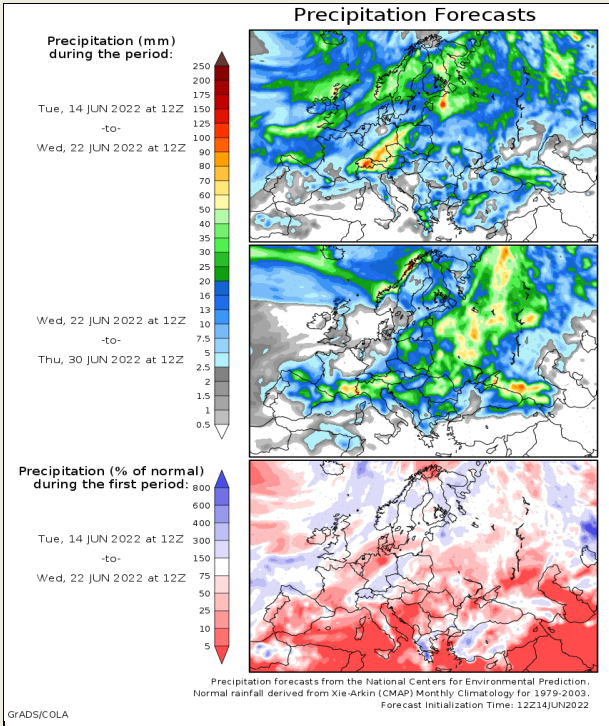
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## Europe, New Zealand and Australia - Weather

**EUROPE:** Enough rain is still expected in the first week of the outlook for at least some rise in topsoil moisture in most areas except Portugal, Spain, and southeastern France. Some needed rain is likely in Italy after Monday. The need for greater rainfall continues to rise in southeastern France. There is also a need for more rain in Spain and Portugal; though, this part of the region does not typically get much rain this time of year.

**AUSTRALIA:** Conditions will be nearly ideal through at least the next seven to ten days with rain shower activity in southern production areas supporting crop development and dry conditions in Queensland and New South Wales being good for fieldwork advancement.



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