



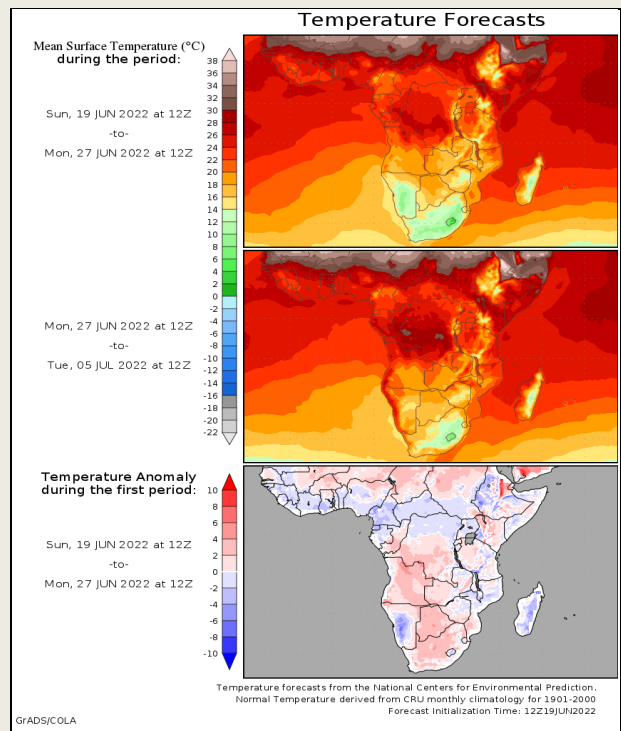
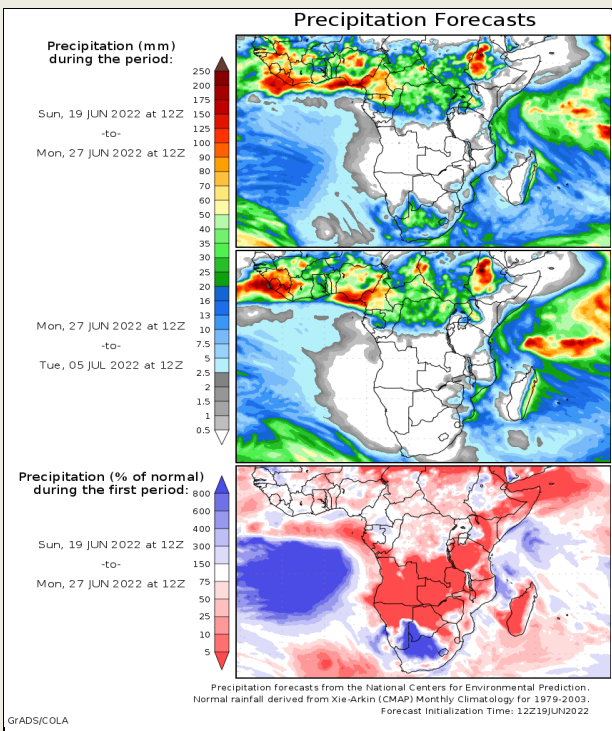
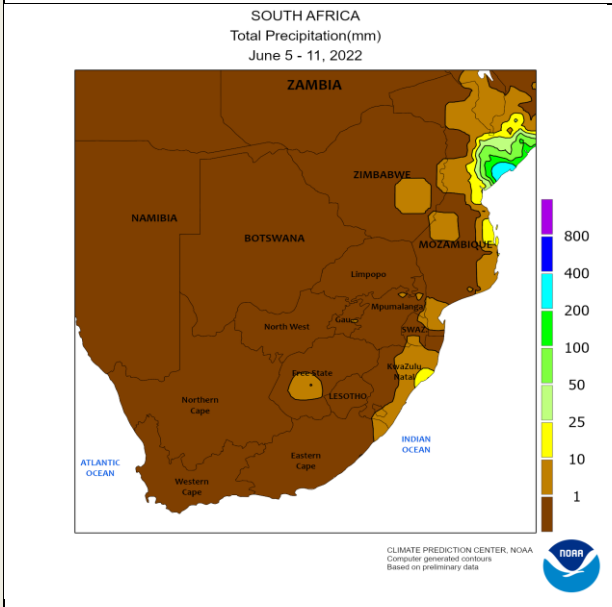
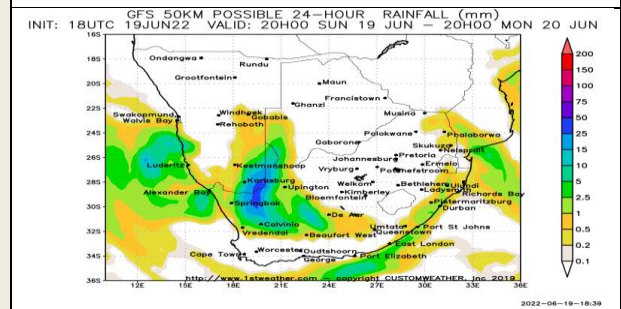
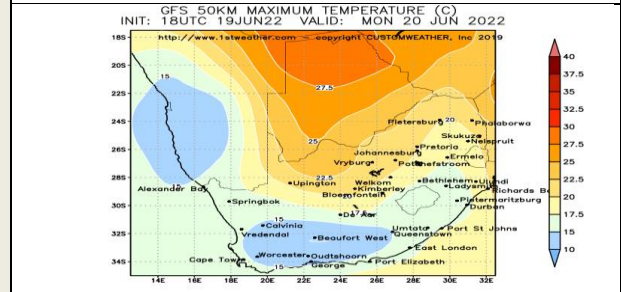
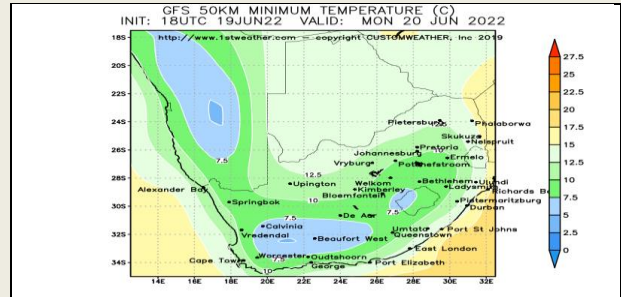
# **Weather Report**

## **20 June 2022**

# South Africa - Weather

Western and central South Africa will see a mix of rain and sunshine through the end of next week. The rain will continue to support a good environment for winter wheat establishment and growth. Late-season harvesting of the summer crops may otherwise advance slowly during the wettest periods. Eastern South Africa will be mostly dry and should see a good environment for aggressive late-season harvesting. • Eastern and central South Africa will see a mix of rain and sunshine during the coming week

- o A frontal boundary will initially generate mostly light rain overnight tonight into Saturday
- o A strong upper-level disturbance will then support more widespread and significant rain late this weekend into the middle of next week
- ▣ Moisture totals by next Friday morning will range from 0.50-3.00" with locally greater amounts in Northern Cape and Western Cape
- ▣ Pockets in Eastern Cape and North West will also only receive 0.10-0.50" of rain
- o Eastern South Africa will generally be drier biased during the coming week
- o Natal will occasionally receive light rain, though most locations will not receive enough rain to counter evaporation • South Africa will generally be drier biased June 25 – July 1



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## United States of America - Weather

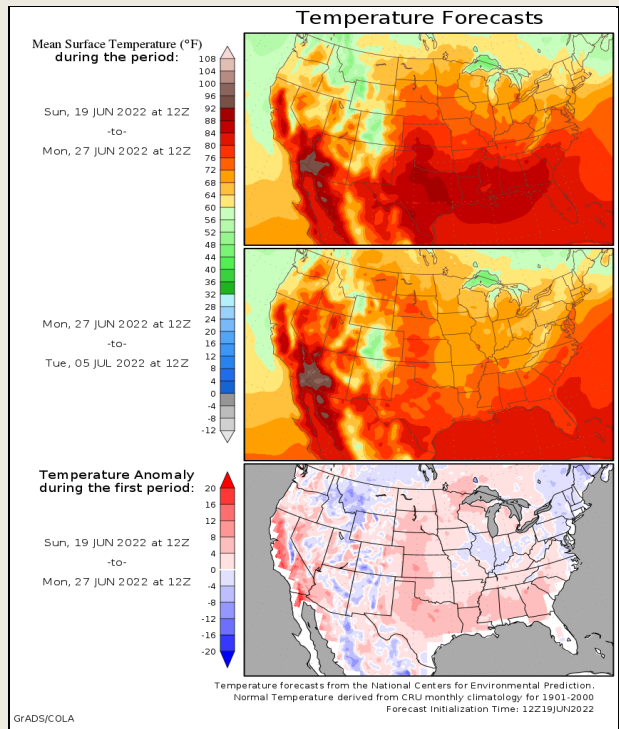
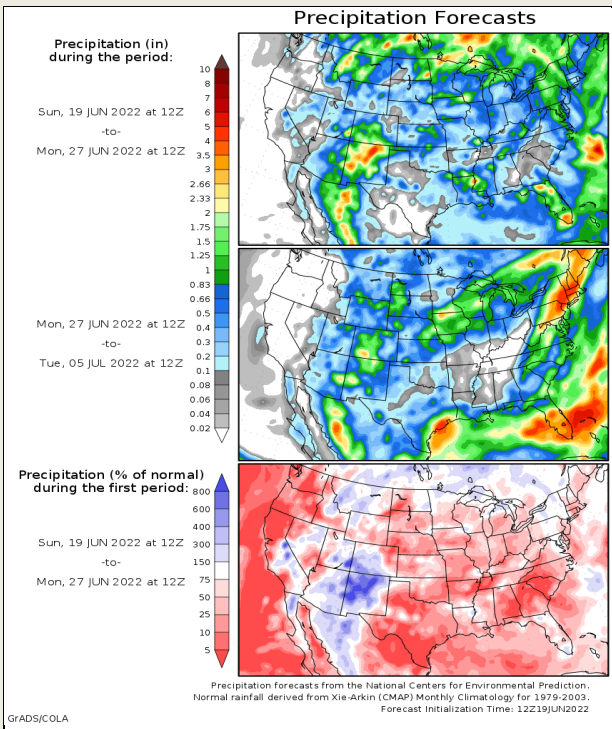
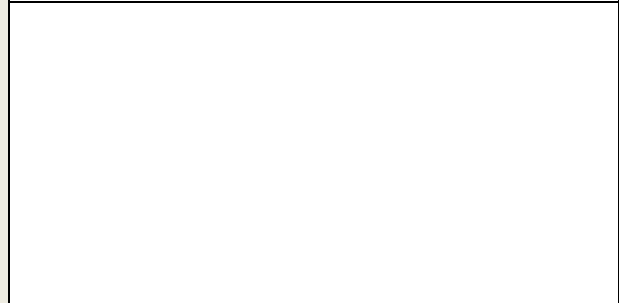
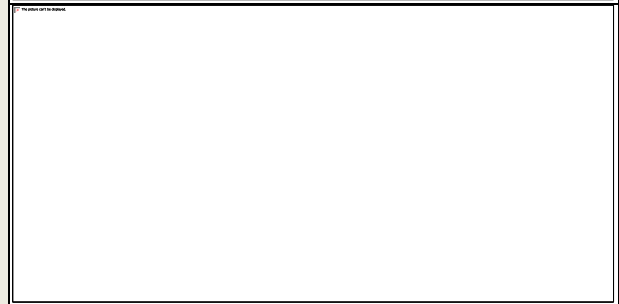
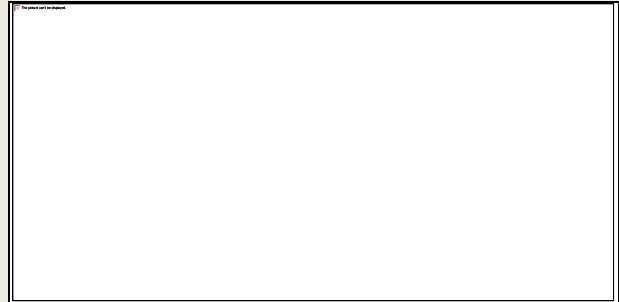
U.S. MIDWEST: Warm to hot temperatures will be common through at least the next ten days and that will cause some stress to crops while a restricted rainfall pattern and rapid drying during much of the next two weeks will raise concerns over a lack of soil moisture rising levels of crop stress in July.

- 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.

U.S. DELTA AND SOUTHEAST: Warm to hot temperatures through at least the next week and infrequent rain during the next two weeks will lead to significant drying along with some stress to crops due to the heat and some moisture stress in the drier areas while most areas will have enough subsoil moisture to support crops through the end of the month.

o A large part of the Delta and the Southeast will receive rain through Friday and the moisture will be beneficial and will buy crops more time before stress increases.



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# South America - Weather

**BRAZIL:** Paraguay and southern Brazil will see regular rounds of rain and interruptions to fieldwork through June 25 while rain is restricted most often through the next two weeks elsewhere.

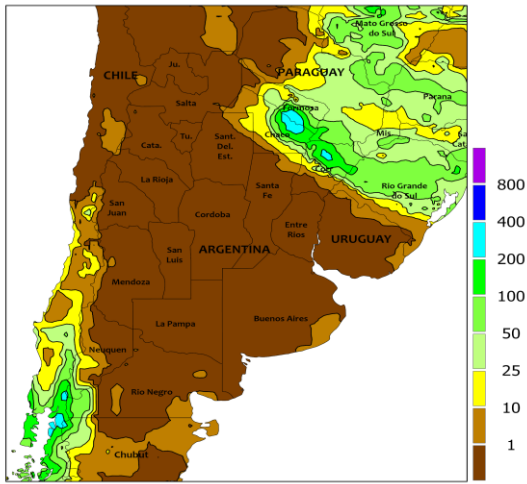
- o Southern Mato Grosso into Sao Paulo will receive at least some rain into Tuesday with Mato Grosso do Sul seeing rain as well.

**ARGENTINA:** Although daily showers will occur next week, fieldwork should advance well in much of the country as much of the rain will be light and not focused on any one region for an extended period of time.

- o Portions of western Argentina will see at least some rain, but the precipitation should be too light to have much of an impact on soil conditions and greater rain is needed to improve conditions for winter crops.
- o Showers will occur daily Monday into next Friday and much of the country will receive at least some rain some east-central and northeastern areas seeing 0.20-1.20" and locally more while amounts are less than 0.30" in most areas.

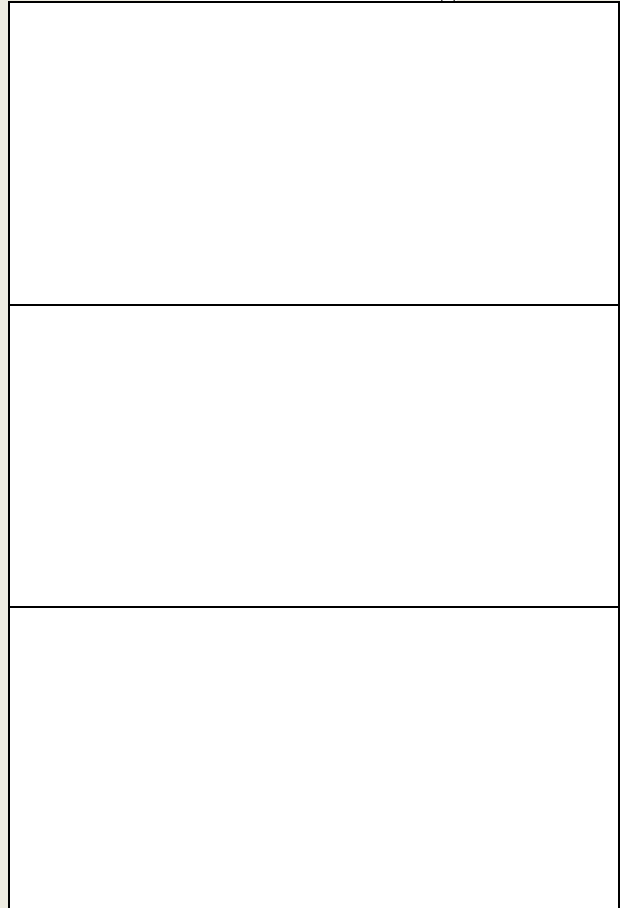
☒ Large parts of western Argentina will be left dry.

ARGENTINA  
Total Precipitation(mm)  
June 5 - 11, 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)

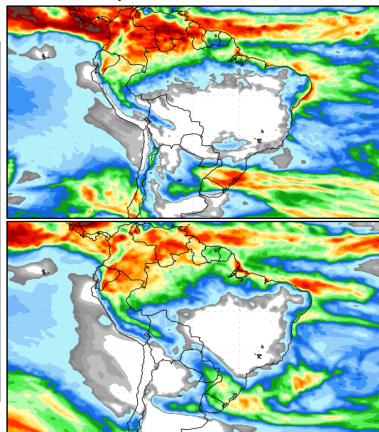
## Precipitation Forecasts

Precipitation (mm) during the period:

250  
200  
175  
150  
125  
100  
80  
70  
60  
50  
40  
35  
30  
25  
20  
16  
13  
10  
7.5  
5  
2.5  
2  
1.5  
1  
0.5

Sun, 19 JUN 2022 at 12Z  
-to-  
Mon, 27 JUN 2022 at 12Z

Mon, 27 JUN 2022 at 12Z  
-to-  
Tue, 05 JUL 2022 at 12Z



Precipitation (% of normal) during the first period:

800  
600  
400  
300  
150  
75  
50  
25  
10  
5

Sun, 19 JUN 2022 at 12Z  
-to-  
Mon, 27 JUN 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: 12Z19JUN2022

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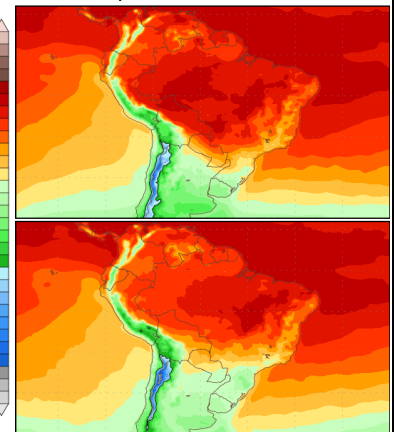
## Temperature Forecasts

Mean Surface Temperature (°C) during the period:

38  
36  
34  
32  
30  
28  
26  
24  
22  
20  
18  
16  
14  
12  
10  
8  
6  
4  
2  
0  
-2  
-4  
-6  
-8  
-10  
-12  
-14  
-16  
-18  
-20  
-22

Sun, 19 JUN 2022 at 12Z  
-to-  
Mon, 27 JUN 2022 at 12Z

Mon, 27 JUN 2022 at 12Z  
-to-  
Tue, 05 JUL 2022 at 12Z



Temperature Anomaly during the first period:

10  
8  
6  
4  
2  
0  
-2  
-4  
-6  
-8  
-10

Sun, 19 JUN 2022 at 12Z  
-to-  
Mon, 27 JUN 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: 12Z19JUN2022

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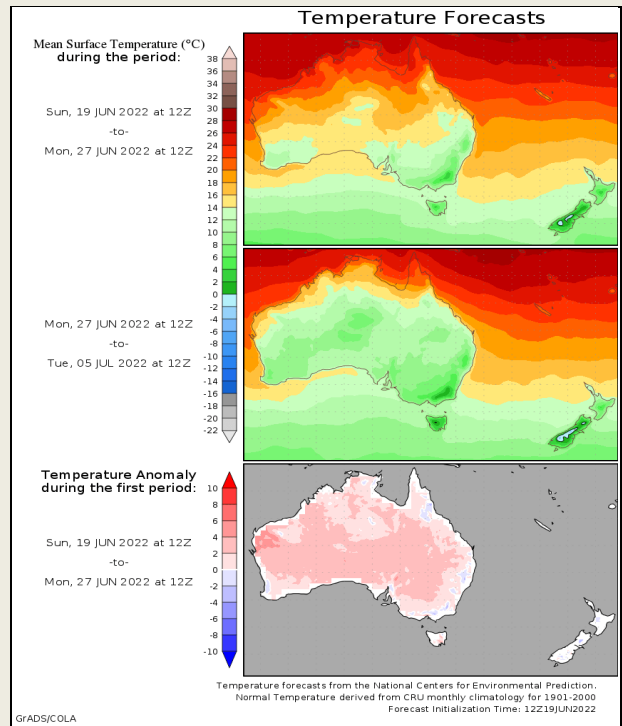
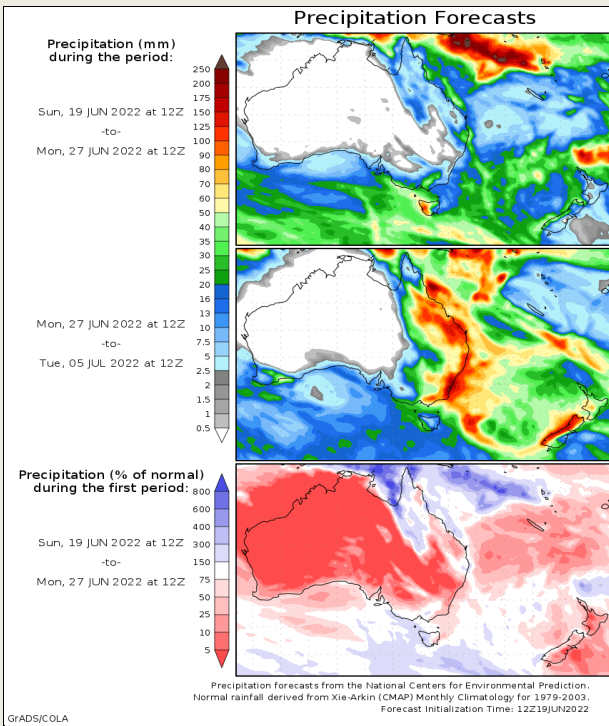
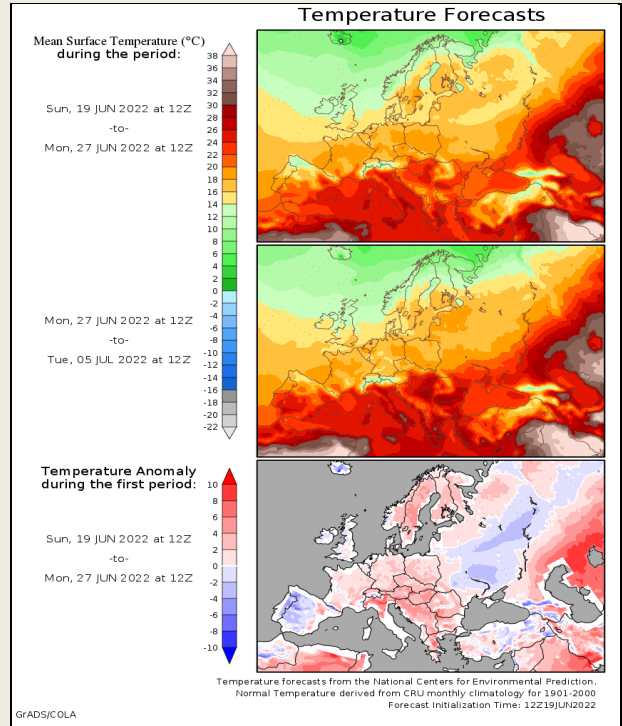
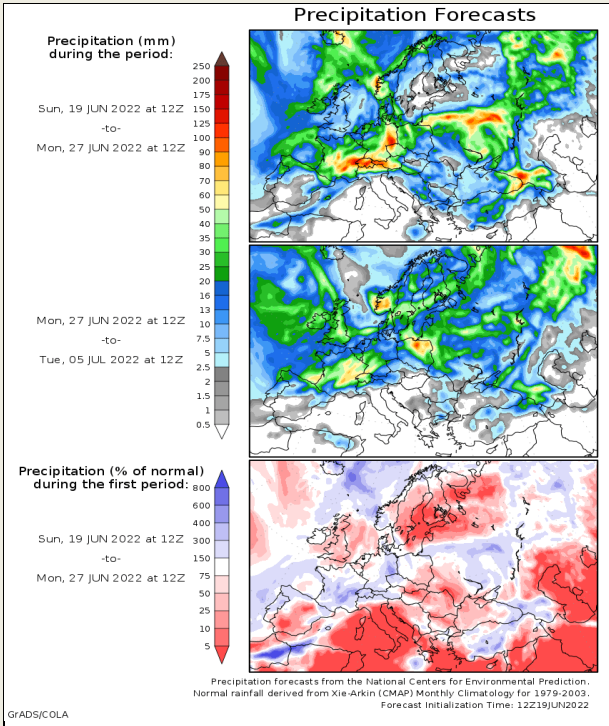
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# Europe, New Zealand and Australia - Weather

**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 continue to 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 being good for fieldwork advancement; though, some greater rain in Queensland will be needed later this month and in July. Wheat, barley and canola planting, emergence and establishment continues to advance swiftly and little change is still expected.



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