



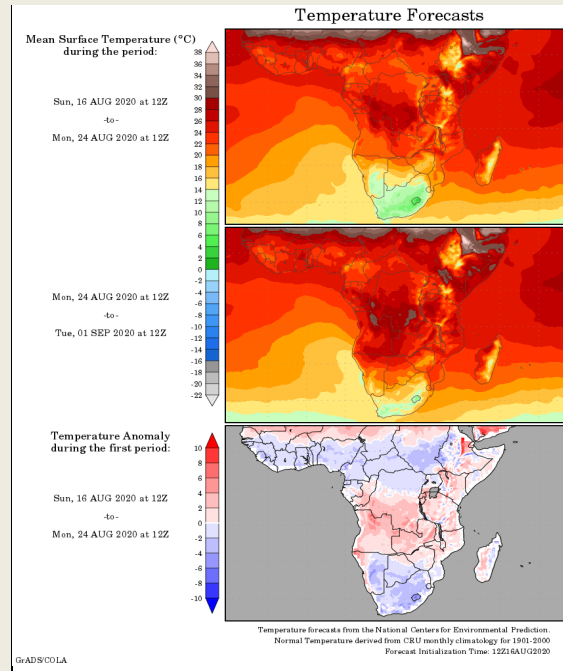
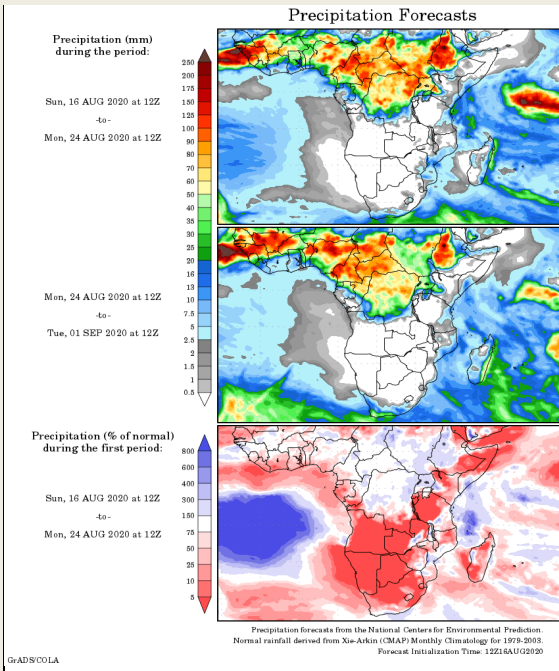
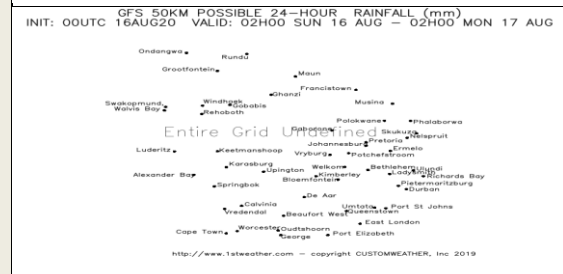
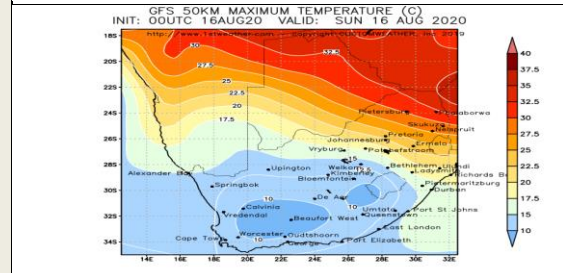
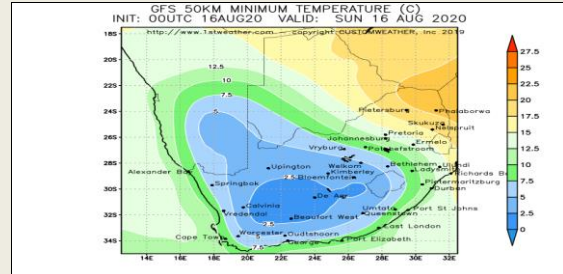
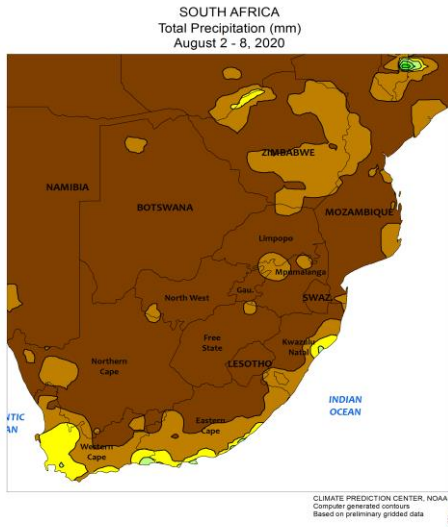
# **Weather Report**

## **17 August 2020**

# South Africa - Weather

The periods of erratic rain in Western Cape will only offer minor relief from the dryness during the next two weeks

- o Most areas will not receive enough rain to significantly bolster soil moisture
- o Winter wheat development conditions may still improve marginally after many areas dried down in recent weeks
- o However, several fields may remain a little too dry for ideal growth
- o A good soaking of rain would be welcome late this month and early September to maintain favorable wheat conditions
- o The small amount of rain-fed winter wheat in Free State and neighboring areas will be too dry to support aggressive growth in the next two weeks
- o Significant rain is needed to improve the moisture profile and support a better environment for the crops
- o Irrigated crops will develop under more favorable conditions in Free State, Northern Cape, and neighboring areas, though most locations would still welcome a good shot of rain

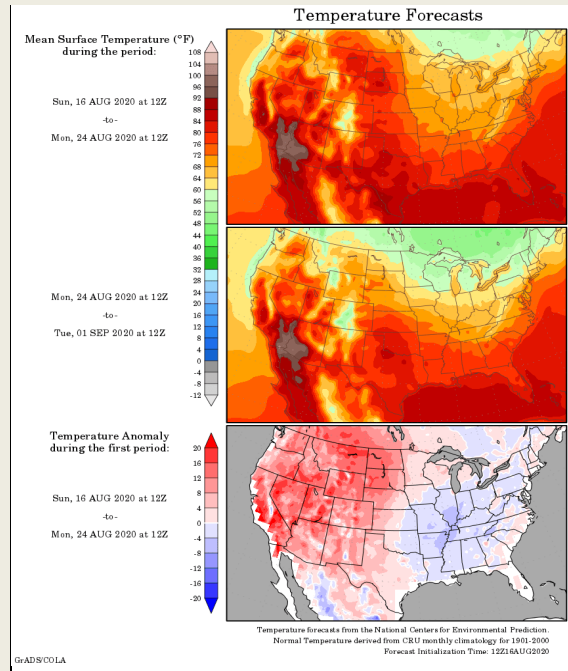
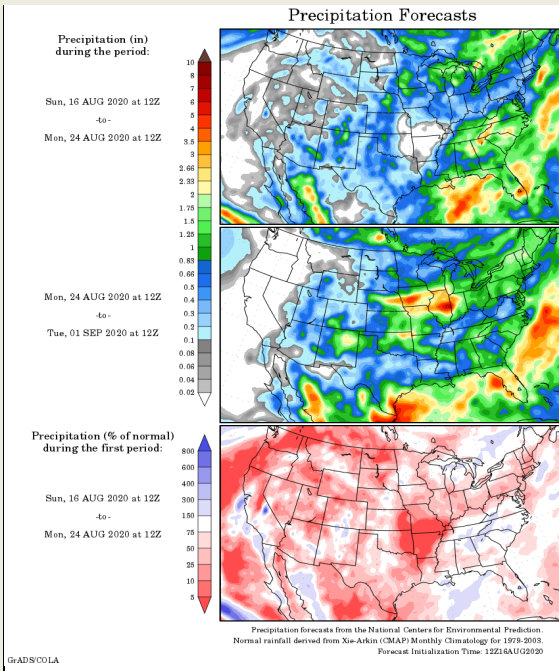
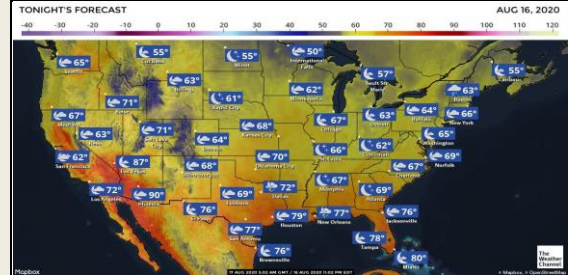
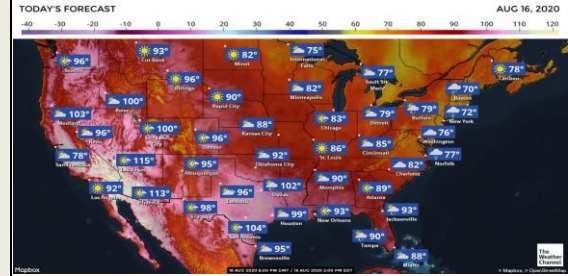
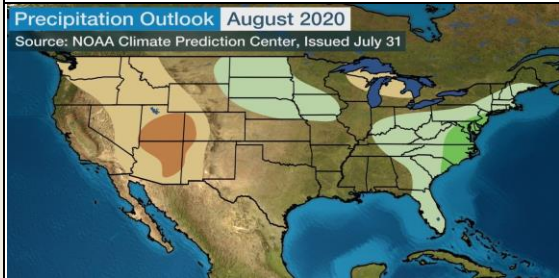


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# United States of America - Weather

**U.S. MIDWEST:** Although a large part of the Midwest will dry down significantly during the next two weeks most crops will continue to develop favorably as subsoil moisture is high enough to support the needs of crops, but there will be some exceptions in the drier areas where stress should increase and soybean yields may decline. The driest areas extend from northeastern Nebraska and southeastern South Dakota to central Iowa with another dry area extending from northeastern Illinois to southern Michigan and northern Ohio. Without an increase in rain in the last days of the month soybean yields should decline, but major declines are not likely as soybeans will have had at least some subsoil moisture to use during most of the month and no excessive heat will have occurred through at least the first three weeks of August.

**U.S. DELTA AND SOUTHEAST:** Timely showers and thunderstorms will continue in the Delta and the Southeast through Saturday bringing additional relief from dryness to the many areas from the Delta through Alabama and parts of Georgia that have become short of soil moisture. Temperatures will be warm enough, however, that improvements in soil moisture and crop conditions should be temporary as much of the moisture will quickly be lost to evaporation after it falls.



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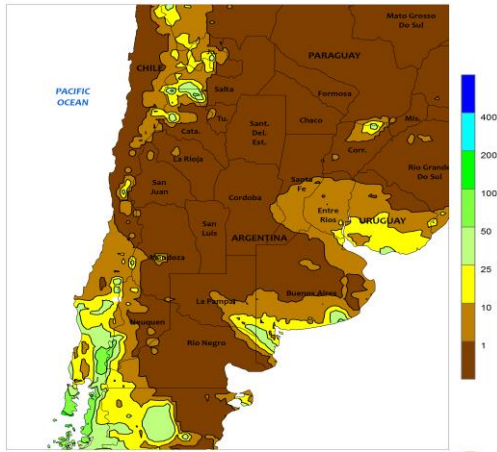
# South America - Weather

**BRAZIL:** Showers and thunderstorms will occur in Paraguay and southern Brazil daily through Thursday bringing enough rain to slow fieldwork while inducing significant increases in soil moisture that will be beneficial for early corn planting, once the soil dries down enough for fieldwork to occur. Rain today will be greatest from central and southern Paraguay through southern Parana, Santa Catarina, and northern central Rio Grande do Sul where totals will be 0.40-1.50" and locally more with lighter rain in nearby areas.

**ARGENTINA:** A restricted rainfall pattern will continue through the next two weeks across Argentina and western areas will remain in need of rain to improve conditions for winter wheat as well as increase soil moisture for the coming summer crop planting season.

o A few showers will occur on occasion with Corrientes and southern Buenos Aires wettest.

ARGENTINA  
Total Precipitation (mm)  
August 2 - 8, 2020



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

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

-20° -10° 0° 10° 20° 30° 40° (C)

## Precipitation Forecasts

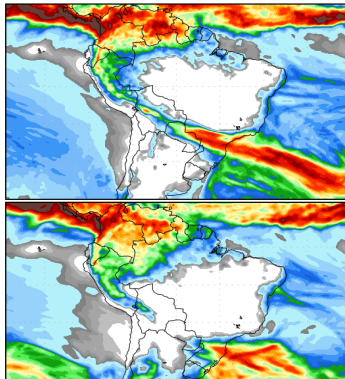
Precipitation (mm) during the period:

Sun, 16 AUG 2020 at 12Z  
-to-  
Mon, 24 AUG 2020 at 12Z

Mon, 24 AUG 2020 at 12Z  
-to-  
Tue, 01 SEP 2020 at 12Z

Precipitation (% of normal) during the first period:

Sun, 16 AUG 2020 at 12Z  
-to-  
Mon, 24 AUG 2020 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: 12Z16AUG2020

GrADS/CO2LA

## Temperature Forecasts

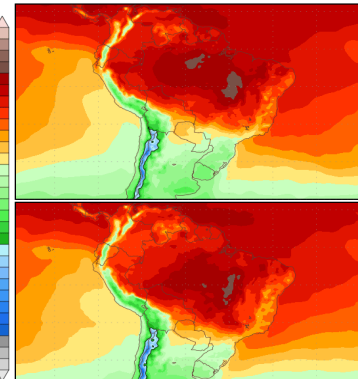
Mean Surface Temperature (°C) during the period:

Sun, 16 AUG 2020 at 12Z  
-to-  
Mon, 24 AUG 2020 at 12Z

Mon, 24 AUG 2020 at 12Z  
-to-  
Tue, 01 SEP 2020 at 12Z

Temperature Anomaly during the first period:

Sun, 16 AUG 2020 at 12Z  
-to-  
Mon, 24 AUG 2020 at 12Z



Temperature forecasts from the National Centers for Environmental Prediction.  
Normal Temperature derived from CRU monthly climatology for 1981-2010.  
Forecast Initialization Time: 12Z16AUG2020

GrADS/CO2LA

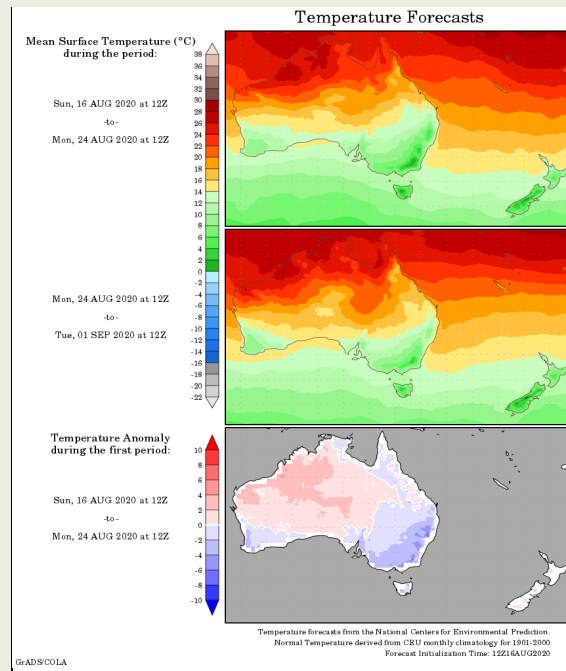
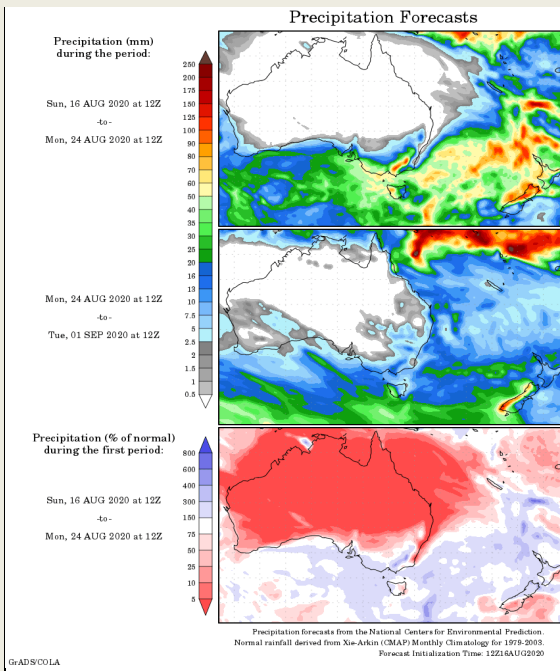
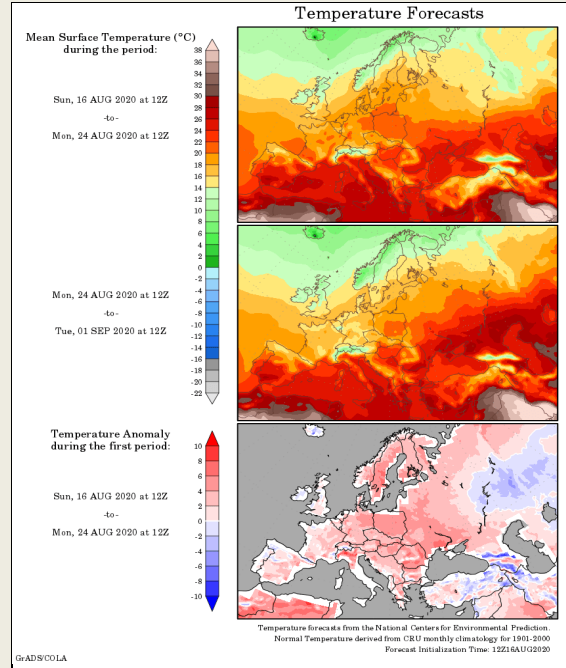
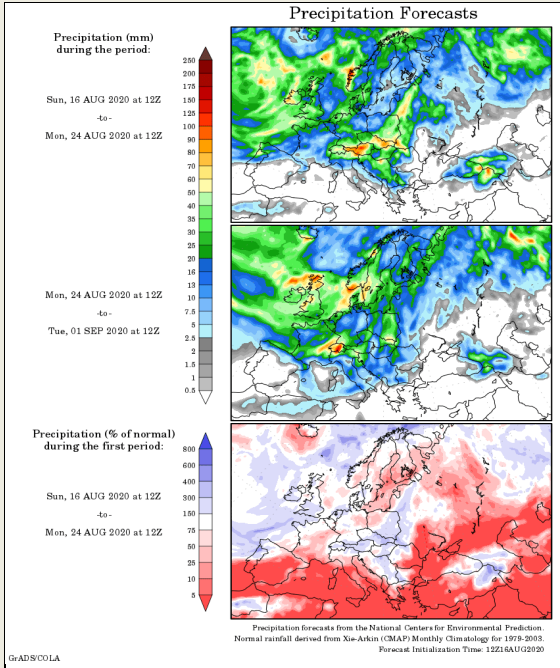
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# Europe, New Zealand and Australia - Weather

**EUROPE:** Rain will be sufficient to bolster topsoil moisture and relieve stress in France, the U.K., Belgium into Germany this week easing recent dryness. The moisture will be welcome and help provide necessary moisture for crop development. Cooler temperatures will also accompany the rain helping ease stress as well.

**AUSTRALIA:** Additional beneficial rain will occur over winter crop production areas during the coming week to ten days. The moisture will supply beneficial moisture for winter wheat, barley and canola as greater crop growth returns later this month into September. With that said, any additional precipitation in northwestern New South Wales and southwestern Queensland will be brief and erratic.

o An increase in rain will return to New South Wales and southeastern Queensland today.



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