



# **Weather Report**

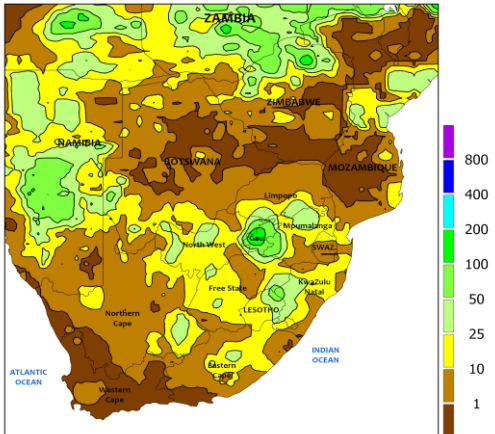
## **31 January 2022**

# South Africa - Weather

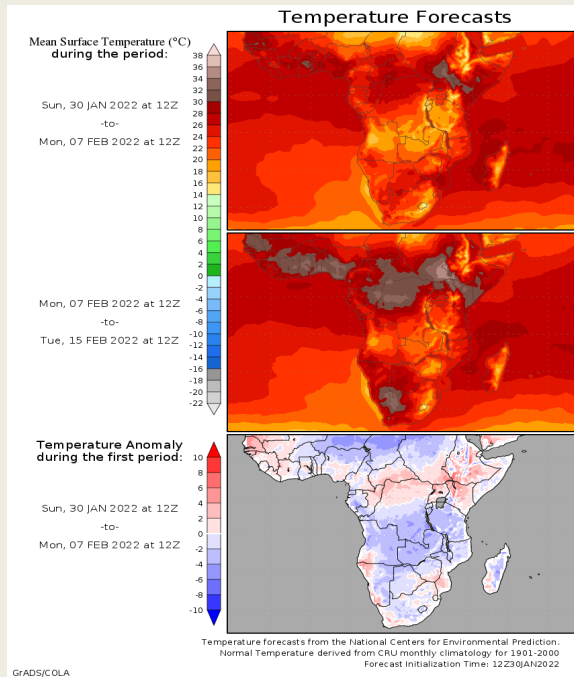
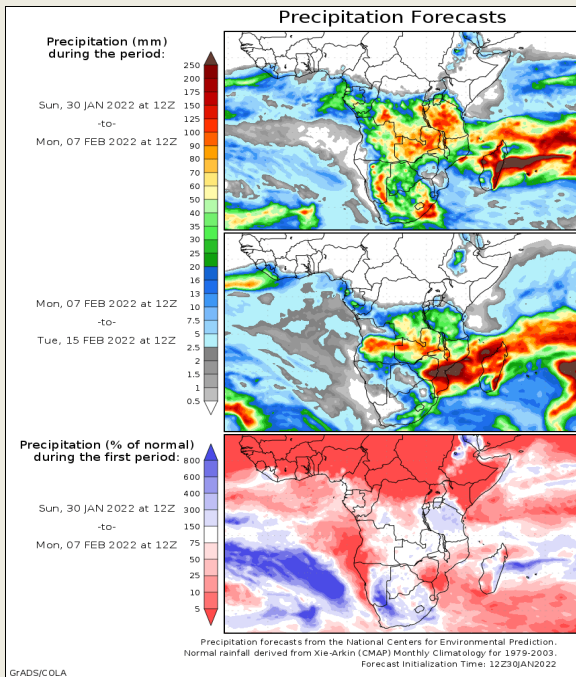
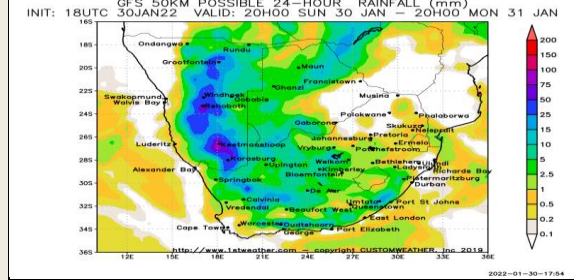
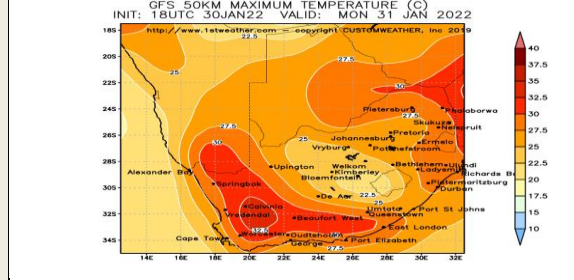
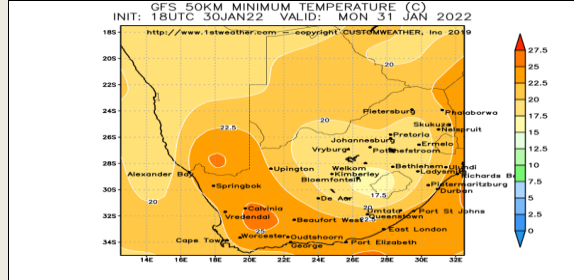
Rainfall will vary across South Africa through the end of next week. Northern Cape, Eastern Cape, and neighboring areas will see some of the most significant rain and flash flooding will be possible next week. Minor cotton damage will be possible in Northern Cape. The main coarse grain and oilseed areas will otherwise receive enough rain to keep soil moisture near current levels. No severe flooding is expected in central and eastern South Africa. The environment will remain mostly good for crop development conditions. However, there are still concerns for production cuts due to flooding earlier in the growing season. South Africa will see a mix of rain and sunshine through the end of next week

o A disturbance will initially promote scattered showers in eastern and central South Africa today and Saturday o More widespread and significant rain will evolve in western South Africa and Eastern Cape later this weekend into next week o Portions of central and eastern South Africa will also have opportunities for erratic rainfall later next week o Moisture totals by next Friday morning will range from 1.50-5.00" and locally greater amounts for Northern Cape and Eastern Cape o Other areas will receive 0.40-2.00" of rain with locally greater amounts in Natal and Mpumalanga

SOUTH AFRICA  
Total Precipitation(mm)  
January 16 - 22, 2022



CLIMATE PREDICTION CENTER, NOAA  
Consider general outlines  
Based on preliminary data

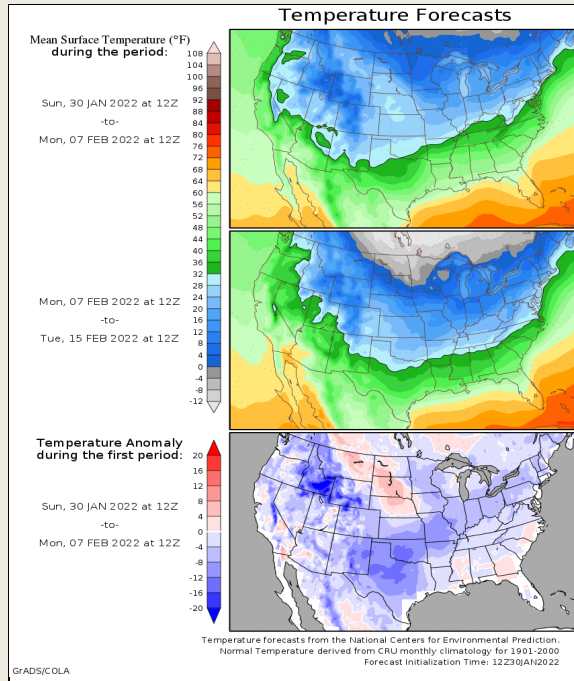
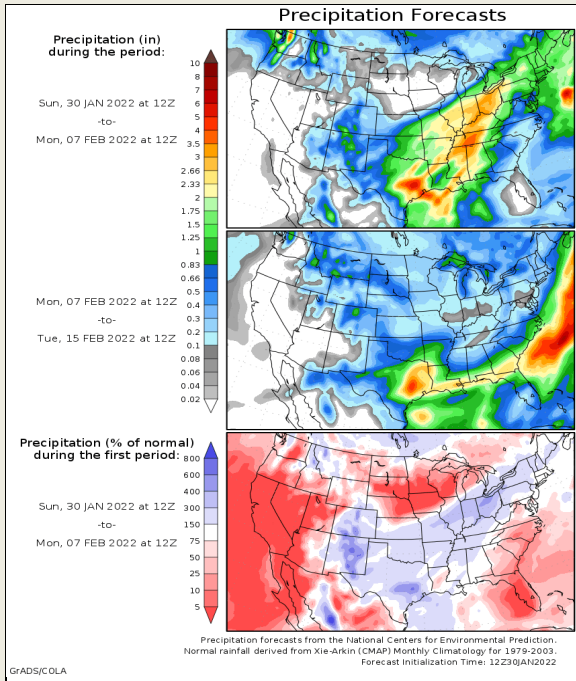
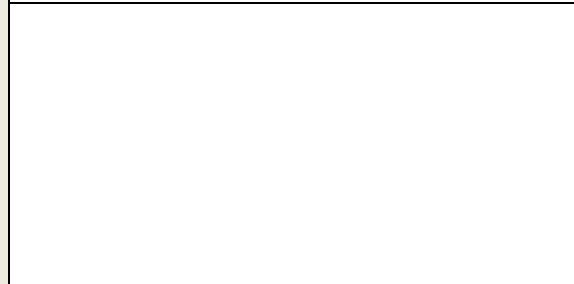
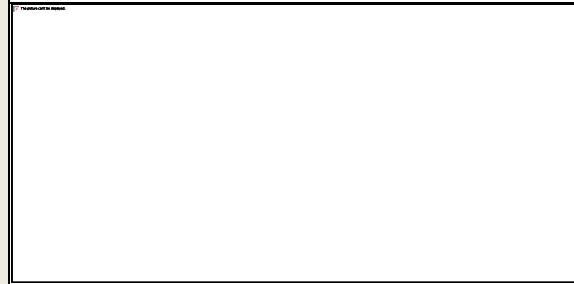


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# United States of America - Weather

**U.S. MIDWEST:** The Midwest will see a quiet weather pattern through most of the next two weeks with a notable exception Tuesday into Thursday when a strong winter storm system moves across the region. o Snow that will be mostly light will fall on some central and southern parts of the eastern Midwest today and in parts of the far northwestern Corn Belt Monday.  
o A close watch will be made on next week's storm system as there will likely be a band of heavy snow favoring central Missouri to eastern Michigan and central and northern Ohio while some accumulations of freezing rain and sleet may occur to the south of this region.

**U.S. DELTA AND SOUTHEAST:** The Delta and the Southeast will see a mostly tranquil weather pattern through the next two weeks with exceptions today into early Saturday when some light rain and snow falls on parts of the Carolinas and southern Virginia before widespread and significant precipitation falls Tuesday through Thursday.  
o Early-season fieldwork should advance well overall, with some multi-day interruptions to fieldwork likely to result from next week's storm system.



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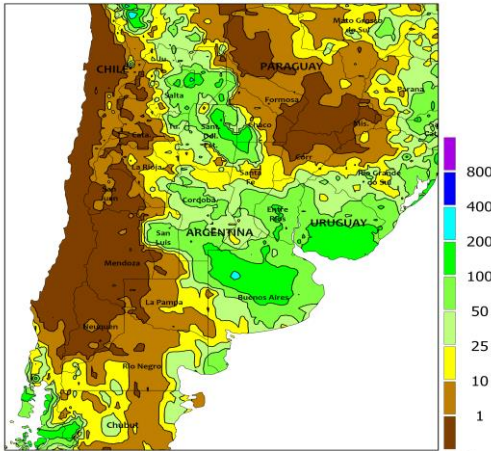
# South America - Weather

**BRAZIL:** PParaguay into Santa Catarina and Rio Grande do Sul will see a drier weather pattern through Wednesday and stress to crops will increase again as moisture from recent rain is quickly lost to evaporation while areas that missed out on rain recently will see steady declines in crop yields. Northern Parana into southwestern to eastern Sao Paulo will see heavy rain Saturday into Monday and some flooding may occur.

• Most of the remainder of Brazil will see regular rain during the next two weeks that will be supportive of crop development while slowing fieldwork.

**ARGENTINA:** Argentina will see dry weather most often through the next two weeks and fieldwork should increase around a period of wet weather Wednesday into Sunday, Feb. 6 while most crops develop in a favorable environment after recent rain increased soil moisture. Some exceptions will continue in Chaco and Corrientes where rain has not been great enough to significantly increase soil moisture in the excessive heat recently seen.

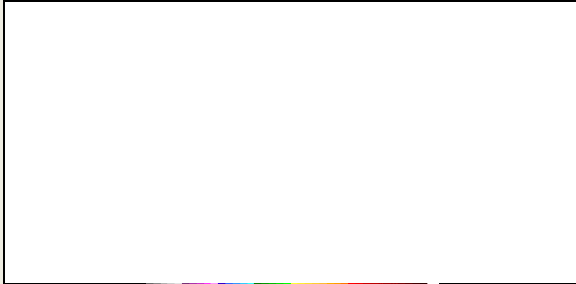
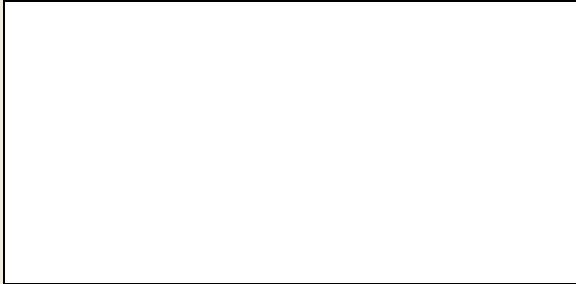
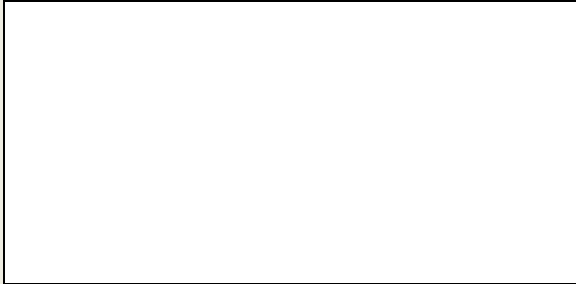
ARGENTINA  
Total Precipitation(mm)  
January 16 - 22, 2022



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



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



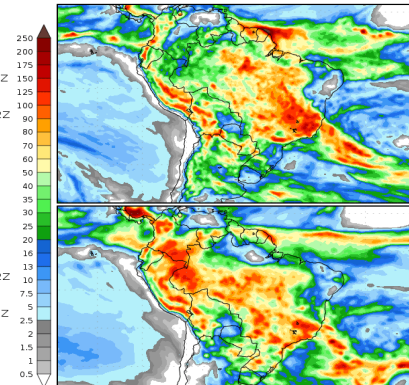
-20° -10° 0° 10° 20° 30° 40° (°C)

## Precipitation Forecasts

Precipitation (mm) during the period:

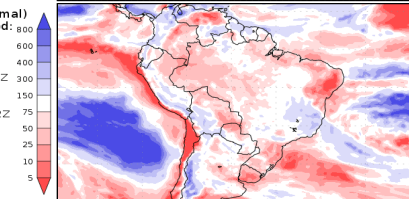
Sun, 30 JAN 2022 at 12Z  
-to-  
Mon, 07 FEB 2022 at 12Z

Mon, 07 FEB 2022 at 12Z  
-to-  
Tue, 15 FEB 2022 at 12Z



Precipitation (% of normal) during the first period:

Sun, 30 JAN 2022 at 12Z  
-to-  
Mon, 07 FEB 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: 12Z30JAN2022

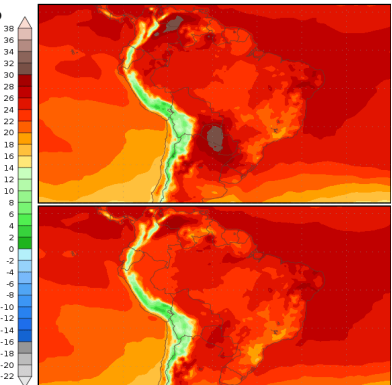
GRADS/COLA

## Temperature Forecasts

Mean Surface Temperature (°C) during the period:

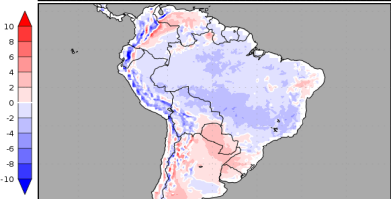
Sun, 30 JAN 2022 at 12Z  
-to-  
Mon, 07 FEB 2022 at 12Z

Mon, 07 FEB 2022 at 12Z  
-to-  
Tue, 15 FEB 2022 at 12Z



Temperature Anomaly during the first period:

Sun, 30 JAN 2022 at 12Z  
-to-  
Mon, 07 FEB 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: 12Z30JAN2022

GRADS/COLA

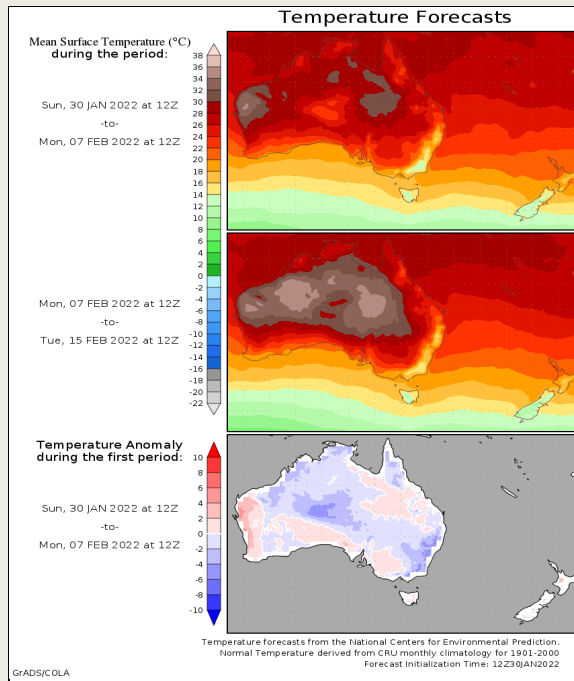
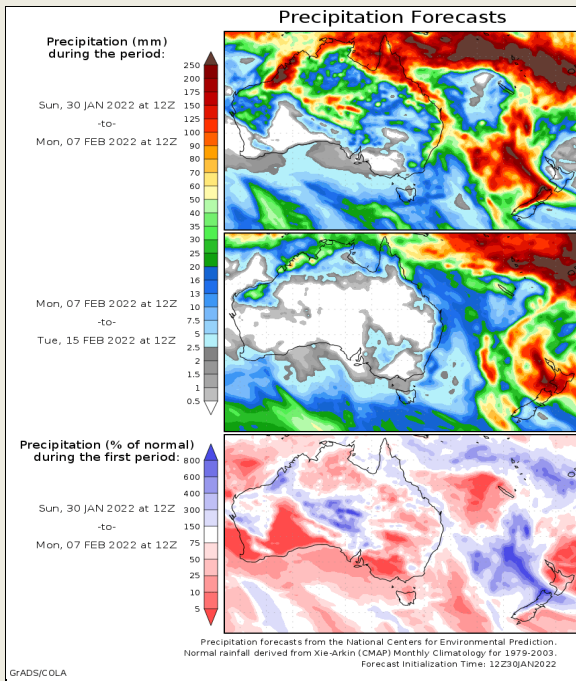
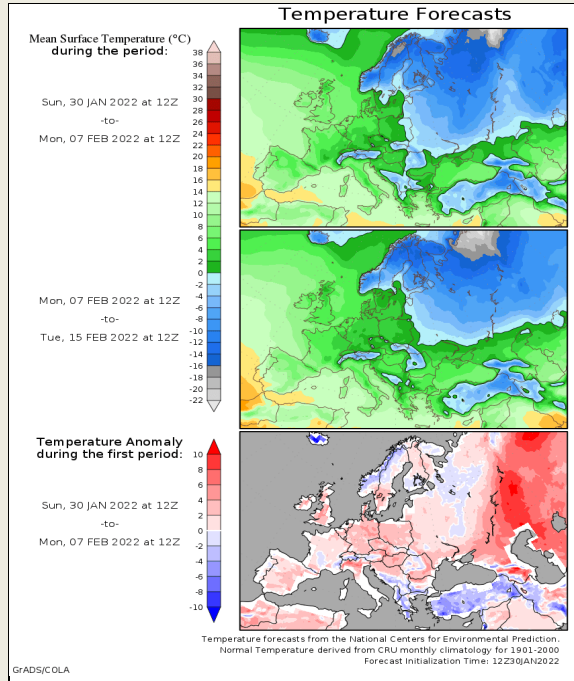
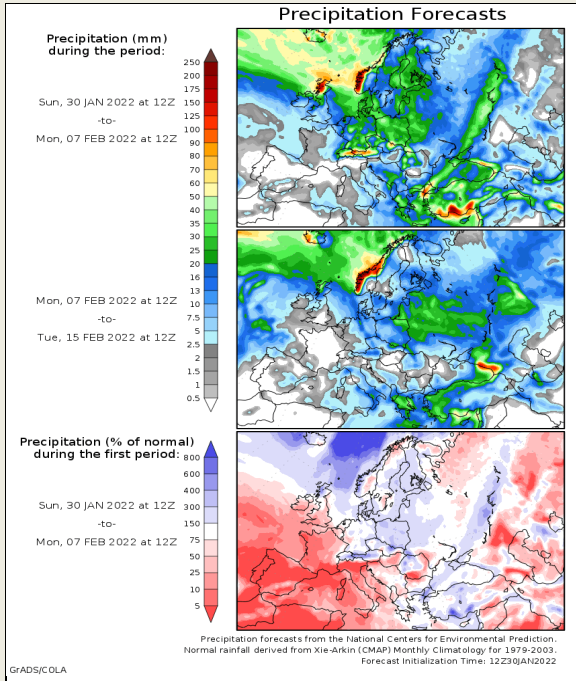
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# Europe, New Zealand and Australia - Weather

**EUROPE:** A restricted precipitation pattern will prevail over Europe most of this week. With that said, a mix of rain and snow showers will occur over portions of eastern Europe. Very little moisture will occur through Friday. Although moisture will increase over Poland and Slovakia late Thursday into early Friday and moisture totals will vary from 0.10 to 0.60 inch and locally more. Precipitation will increase over southern Sweden and the Baltic Sea Region through Poland, Slovakia, western Ukraine and Belarus Friday night into early Sunday. Widespread moisture totals will vary from 0.30 to 0.80 inch and local totals in excess of 1.00 inch over Poland and Slovakia into the Baltic States and Belarus.

**AUSTRALIA:** Regular rounds of scattered showers and thunderstorms will increase over southeastern South Australia, Victoria, New South Wales and southeastern Queensland this week providing welcome moisture after recent dry conditions. The moisture will help ease crop stress from recent hot and dry conditions for summer crops, although some greater rain would still be welcome in southeastern Queensland as well as southeastern South Australia, western Victoria and western New South Wales to restore long term dryness.



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