

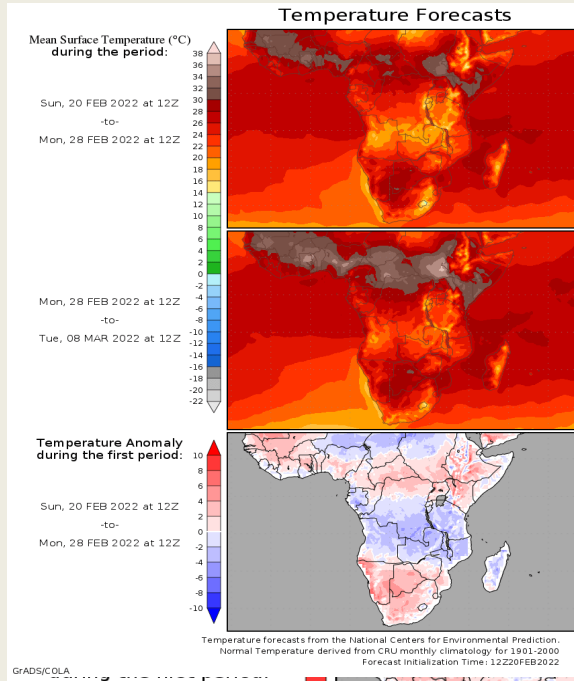
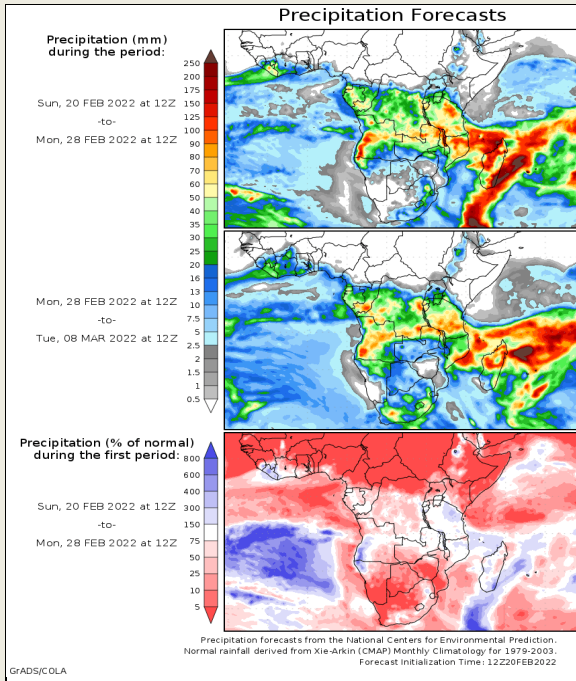
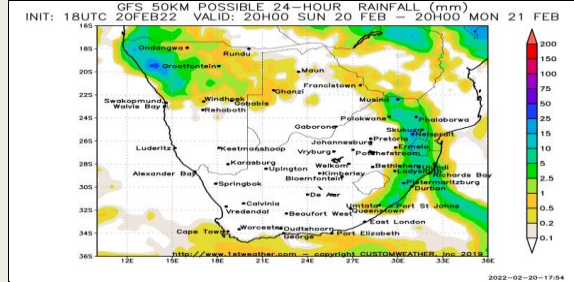
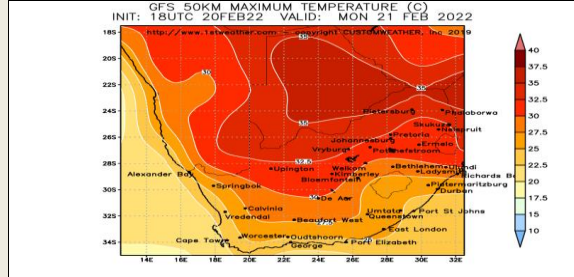
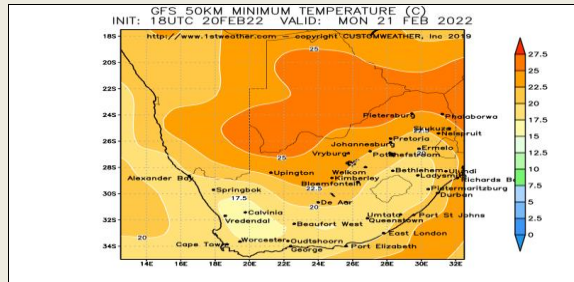
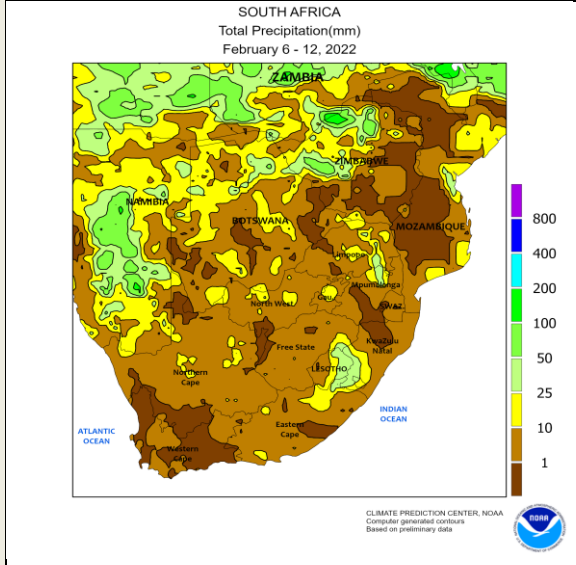


# **Weather Report**

## **21 February 2022**

# South Africa - Weather

Alternating periods of erratic rain and sunshine will continue for eastern South Africa through the end of next week. Rainfall will be enough to keep soil moisture at adequate to excessive levels. Coarse grain, oilseed, and other crop conditions will remain mostly favorable. Drier weather will be needed in March as crops start to mature. Drier biased conditions will persist for central and western South Africa through the end of next week. Periods of light rain will still occur, though resulting rainfall will be lost to evaporation. There will be plenty of moisture to maintain aggressive growth despite the drying trend. Eastern South Africa will see a mix of erratic rain and sunshine through the end of next week o Scatter showers will occur on a frequent basis through Tuesday o Tropical Cyclone Emnati will then help restrict rainfall later next week o Moisture totals by next Friday morning will range from 0.50-2.00" and locally greater amounts in Natal and Mpumalanga o Central and western South Africa will be drier biased through the end of next week o Periods of erratic rain will still occur through the end of the weekend o Free State, North West, and neighboring areas will receive 0.10-0.75" of rain with locally greater amounts by next Friday morning o Western South Africa will not receive enough rain to counter evaporation



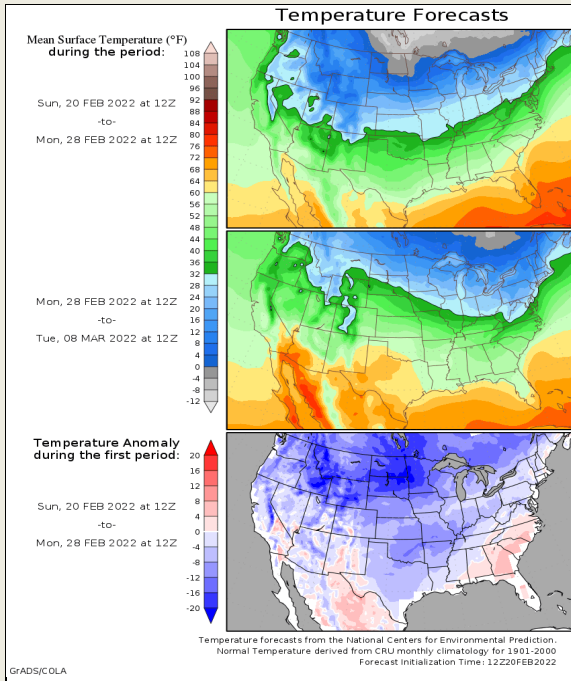
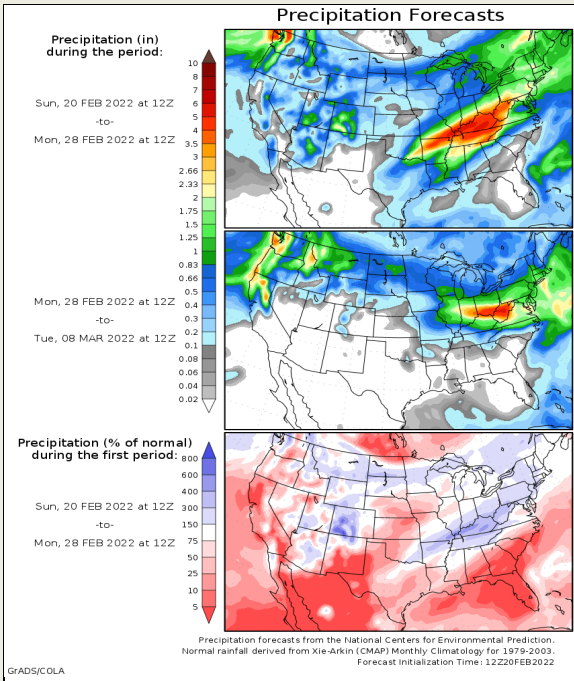
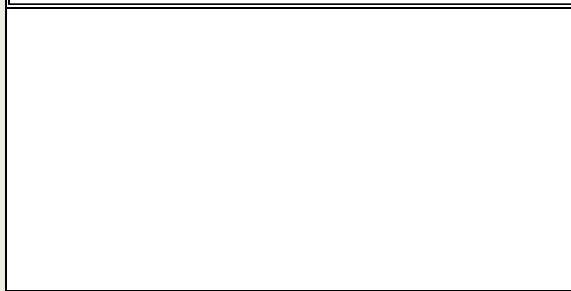
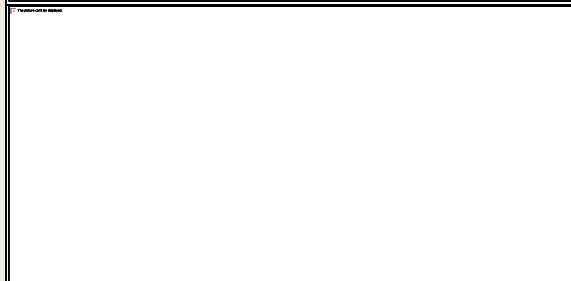
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# United States of America - Weather

**U.S. MIDWEST:** The Midwest will see two storm systems Monday through Thursday before a drier weather pattern resumes Feb. 25-Mar. 4. Cold temperatures into Saturday will limit snow melt in central and northern parts of the eastern Corn Belt before a warm up Sunday into early next week causes renews the snow melt that may cause some additional flooding. Both storm systems next week will favor the Ohio River Basin with the greatest precipitation and some flooding may occur.

**U.S. DELTA AND SOUTHEAST:** The Delta and the Southeast will see frequent precipitation Sunday night through next Friday and much of the region will be left with saturated soils with some flooding likely as well.

- Drier weather is expected to follow in the last days of February and the first days of March and conditions for fieldwork should improve.
- The Delta to northern Georgia will be wettest and will see the greatest flooding.
- Precipitation will be lightest from southern Georgia and nearby Florida to eastern South Carolina where early-season fieldwork should advance well overall through the next two weeks.



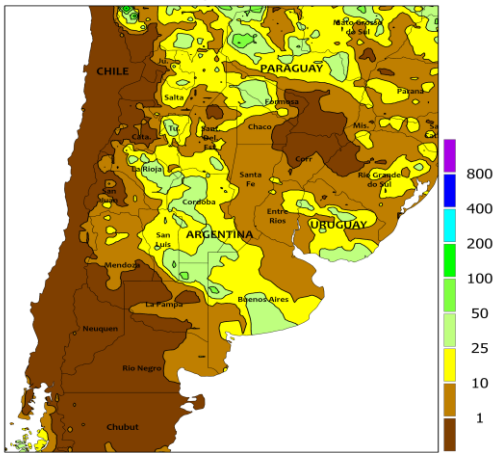
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# South America - Weather

**BRAZIL:** Overall improvements in crop conditions are expected during the next two weeks in the driest areas from Paraguay and Mato Grosso do Sul to southern Brazil where showers will return Sunday and will occur regularly through Mar. 4. Warm to hot temperatures will continue through the next week and moisture from the rain will be evaporated fast enough that significant increases in soil moisture may not occur. Most of the remainder of Brazil will receive enough rain during the next two weeks to support crop development while slowing fieldwork. Mato Grosso to Minas Gerais will see an important drying trend Feb. 27-Mar. 4 that will allow fieldwork to accelerate so that the second season corn crop is not planted excessively late.

**ARGENTINA:** The drier areas in Argentina are still expected to see relief from dryness starting tonight and continuing through Feb. 27 while the rain will help to perpetuate favorable conditions for crops in key crop areas from southern Cordoba to central and northern Buenos Aires. Dry weather will continue in much of the country through Monday causing further increases in crop stress and declines in yield potentials in the drier areas.

ARGENTINA  
Total Precipitation(mm)  
February 6 - 12, 2022



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



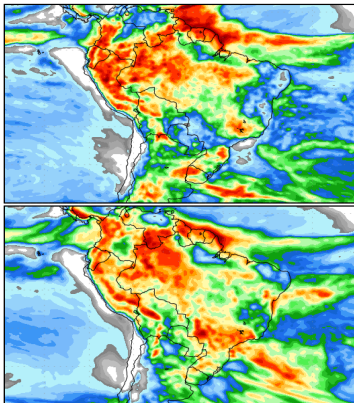
10 20 30 40 50 60 70 80 90 (%)

-20° -10° 0° 10° 20° 30° 40° (°C)

## Precipitation Forecasts

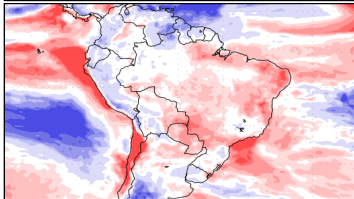
Precipitation (mm) during the period:

- Sun, 20 FEB 2022 at 12Z
- Mon, 28 FEB 2022 at 12Z
- Mon, 28 FEB 2022 at 12Z
- Tue, 08 MAR 2022 at 12Z



Precipitation (% of normal) during the first period:

- Sun, 20 FEB 2022 at 12Z
- Mon, 28 FEB 2022 at 12Z



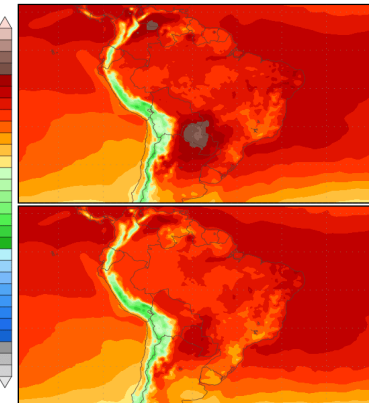
Precipitation forecasts from the National Centers for Environmental Prediction. Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003. Forecast Initialization Time: 12Z20FEB2022

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## Temperature Forecasts

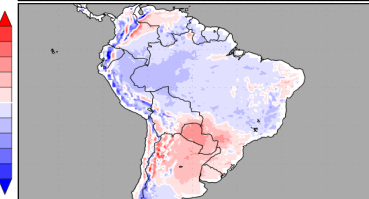
Mean Surface Temperature (°C) during the period:

- Sun, 20 FEB 2022 at 12Z
- Mon, 28 FEB 2022 at 12Z
- Tue, 08 MAR 2022 at 12Z



Temperature Anomaly during the first period:

- Sun, 20 FEB 2022 at 12Z
- Mon, 28 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: 12Z20FEB2022

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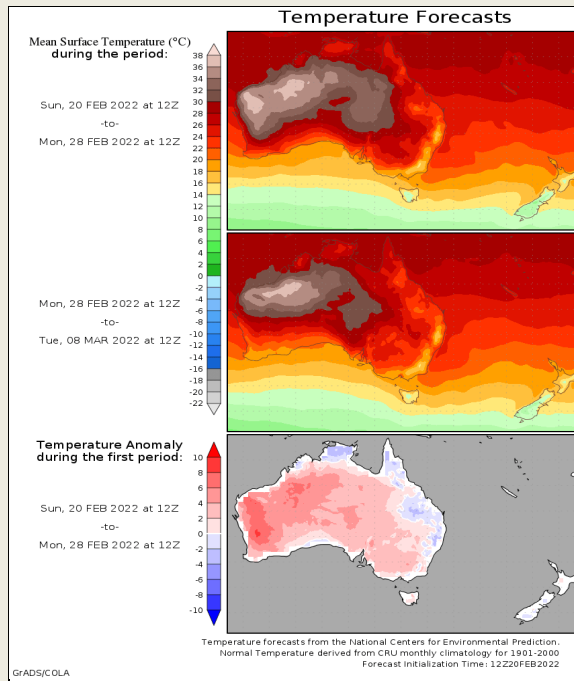
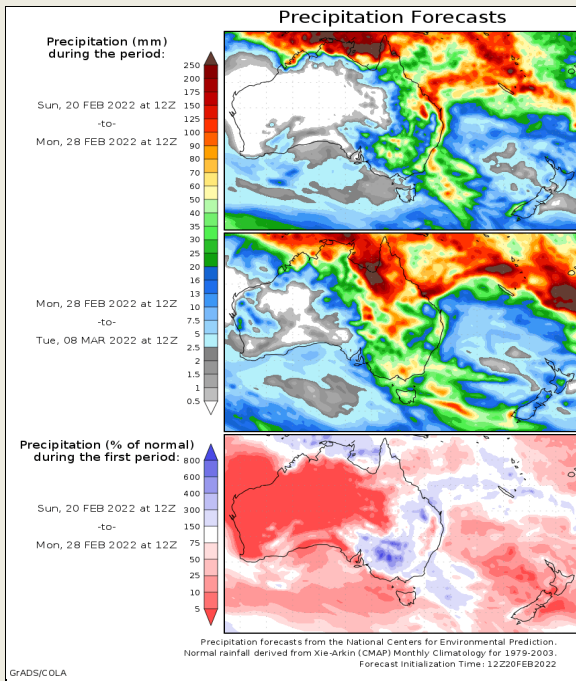
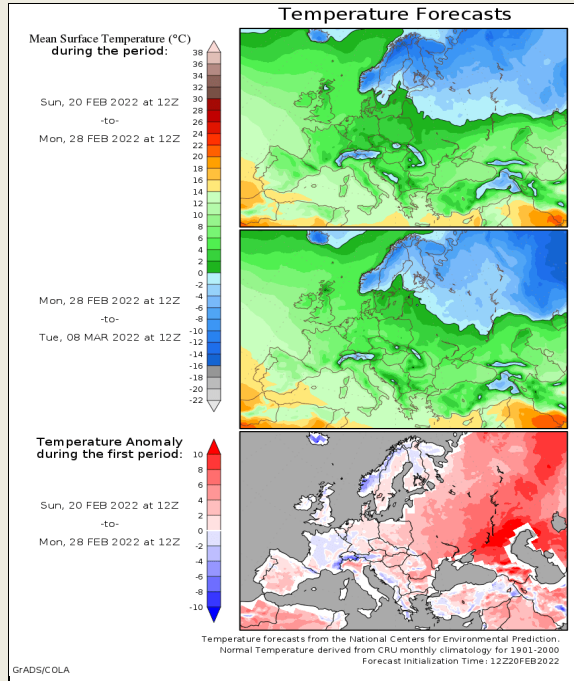
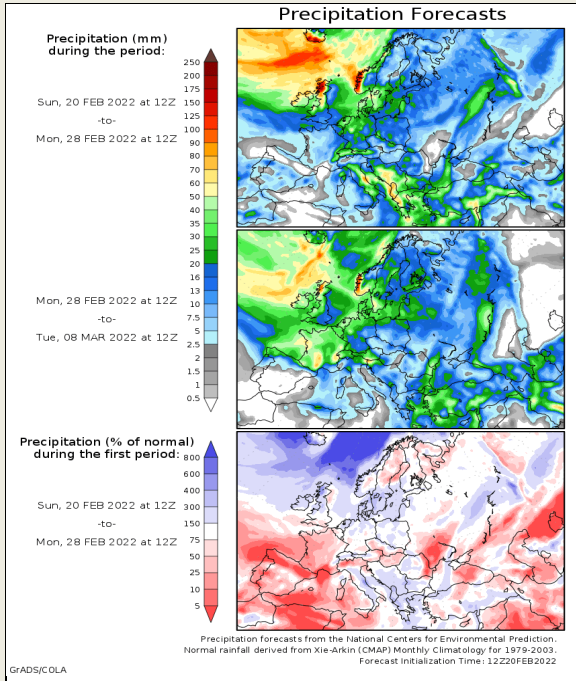
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# Europe, New Zealand and Australia - Weather

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: Welcome rain will increase over eastern Australia next workweek into the first days of March decreasing crop stress levels and improvements in summer crop development and soil moisture are expected in many areas of New South Wales and southeastern Queensland. Scattered and light showers will increase over eastern New South Wales and southeastern Queensland this weekend. Daily moisture totals will vary from a trace up to 0.60 inch most often and local totals in excess of 1.00 inch.



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