



# **Weather Report**

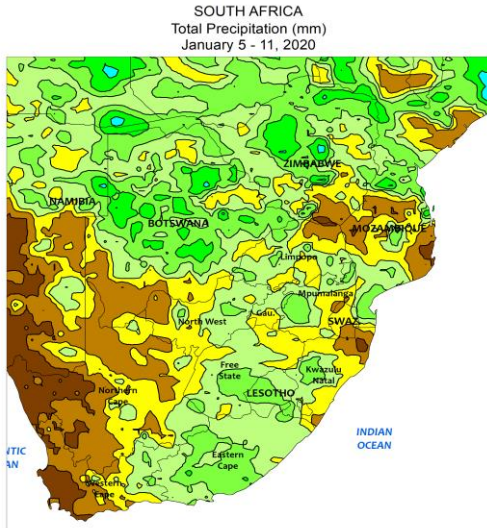
## **20 January 2020**

South Africa - Weather

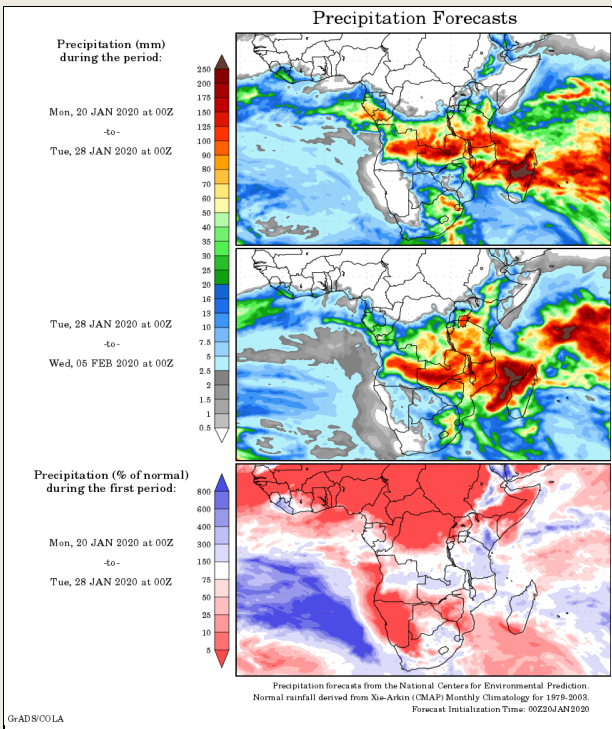
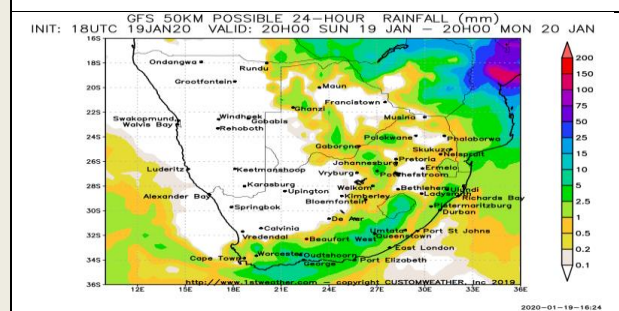
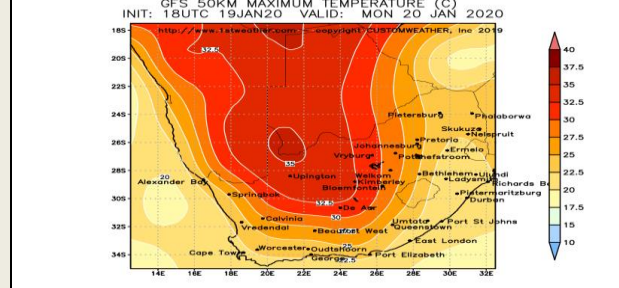
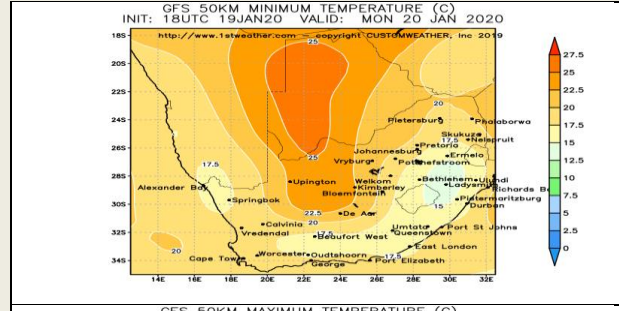
The eastern half of South Africa will continue to see a good mix of erratic rain and sunshine during the next two weeks.

Much of eastern South Africa will see soil moisture increase or remain near current levels during the next two weeks

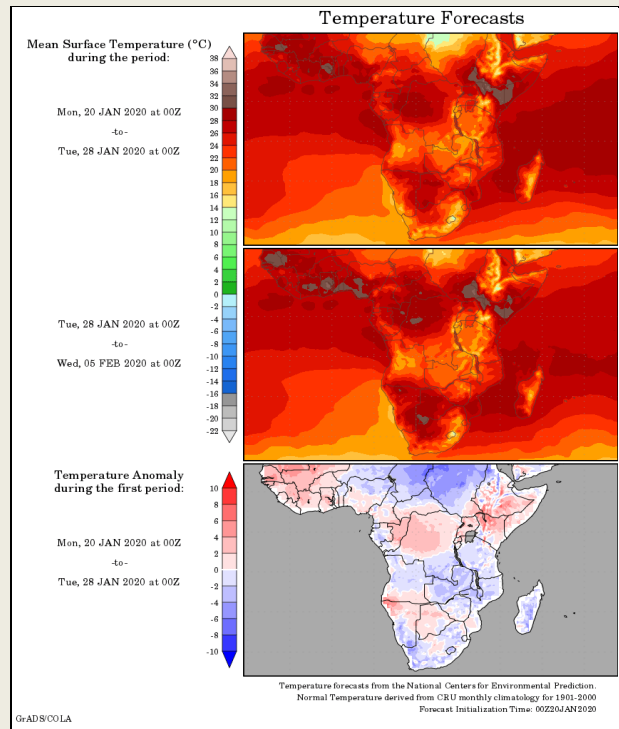
- o Crop development conditions will be generally favorable for Natal, Mpumalanga, and eastern sections of Free State and North West
- o Portions of Limpopo will continue to struggle with marginal moisture at times
- o Several areas will not receive enough rain to completely reverse the moisture deficits
- o Crop development conditions will be mostly favorable, though growth may be sluggish in the driest areas
- o No significant crop stress is expected
- o Timely rain will still be needed in February
- o Western sections of both Free State and North West into Northern Cape will continue to dry down during the next two weeks



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



Precipitation forecasts from the National Centers for Environmental Prediction.  
Normal rainfall derived from Xie-Arkin (CMAF) Monthly Climatology for 1979-2003.  
Forecast Initialization Time: 00Z20JAN2020



Temperature forecasts from the National Centers for Environmental Prediction.  
Normal Temperature derived from CRU monthly climatology for 1901-2000  
Forecast Initialization Time: 00Z20JAN2020

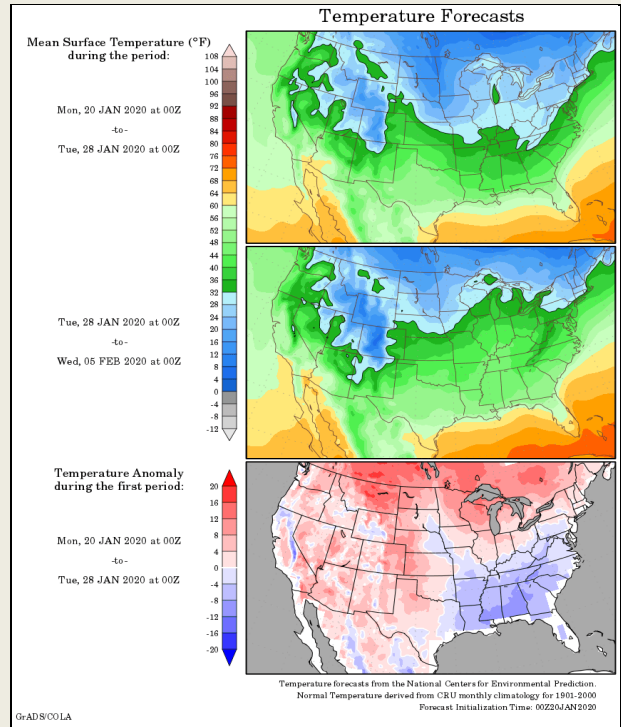
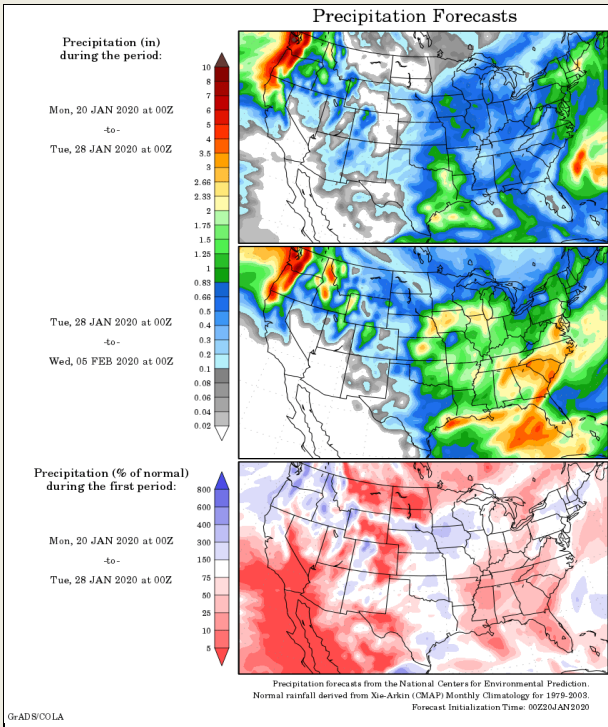
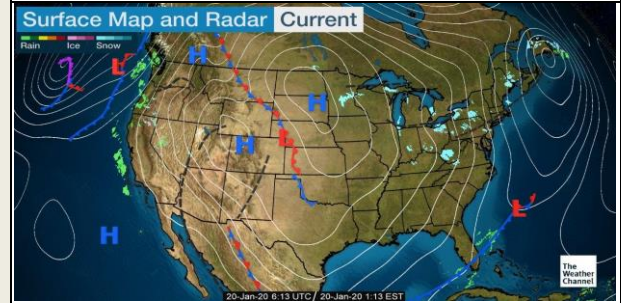
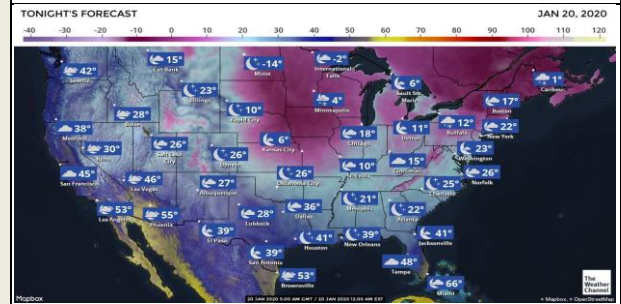
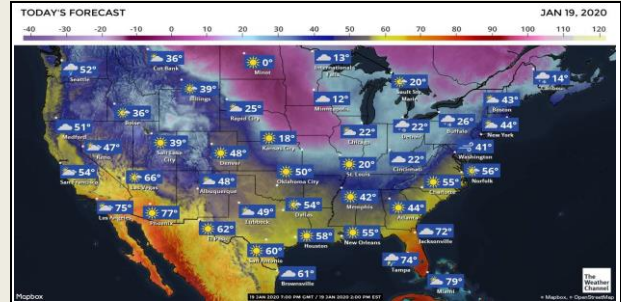
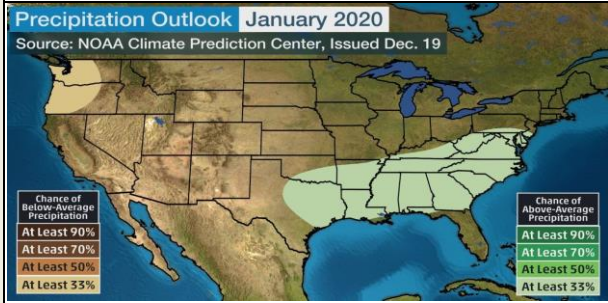
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# United States of America - Weather

**U.S. MIDWEST:** A strong winter storm system will move bring blizzard conditions to portions of the northwestern Corn Belt today into Saturday and will bring enough rain to increase flooding in portions of the lower and eastern Midwest before a welcome period of drier weather occurs Sunday into Jan. 31 allowing flood conditions to improve. Outside of another storm system occurring Wednesday into next Friday, little additional precipitation is expected Sunday through Jan. 31 and flood conditions will steadily improve.

**U.S. DELTA AND SOUTHEAST:** Rain fell from northeastern Louisiana to interior south-central Mississippi Thursday where amounts were 0.57 to 0.78 inch while other areas were mostly dry. The Delta and the Southeast will see some additional rounds of showers and thunderstorms through Saturday with most of the rain not likely heavy enough to cause much new flooding. The Sunday through Jan. 31 period will be drier and flood conditions will improve, but an extended period of drying will be needed to allow the soil to dry down enough to absorb another significant rain event without causing another round of flooding.



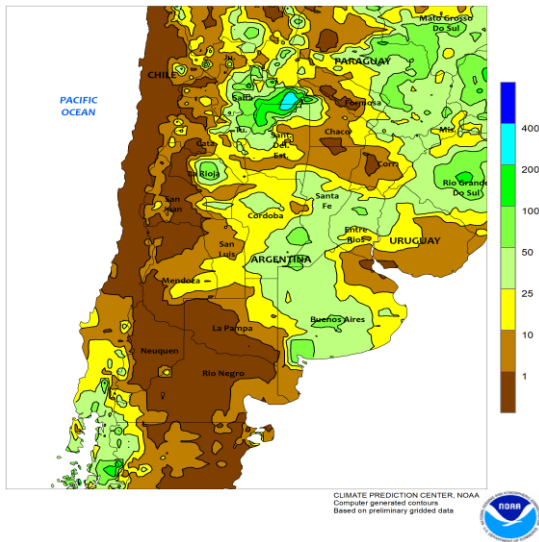
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# South America - Weather

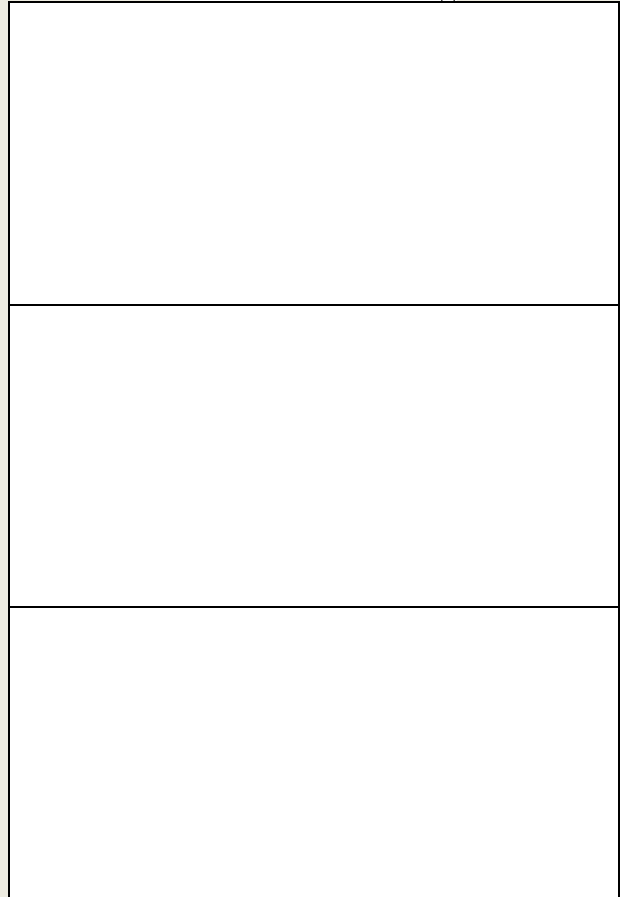
**BRAZIL:** Beneficial rain fell on southern Paraguay Thursday with rain extending into Parana and a part of north-central Rio Grande do Sul while southern Minas Gerais and a few other areas also received rain. Southern Paraguay into western and southern Sao Paulo, Parana, Santa Catarina, and Rio Grande do Sul will be in a restricted rainfall pattern through the next two weeks and crop stress should increase by late in the month in parts of southern Paraguay and Rio Grande do Sul where subsoil moisture is marginal today. Most of the region described above has abundant soil moisture and the drying expected should not negatively impact crops during the next two weeks, but a boost in rain will be needed in early February to ensure crop stress does not rapidly increase.

**ARGENTINA:** Rain Thursday was limited to northwestern Corrientes where 1.02 to 1.06 inches fell and to central Chaco where 0.28 inch was reported. Rain this week has left much of Argentina favorable soil conditions, but portions of southern Argentina will see at least a week of significant drying that may cause rising levels of crop stress in parts of central to southeastern Buenos Aires. The Wednesday through Jan. 31 period will be drier and much of the country will dry down raising the need for greater rain in early February to ensure crops have adequate soil moisture.

ARGENTINA  
Total Precipitation (mm)  
January 5 - 11, 2020

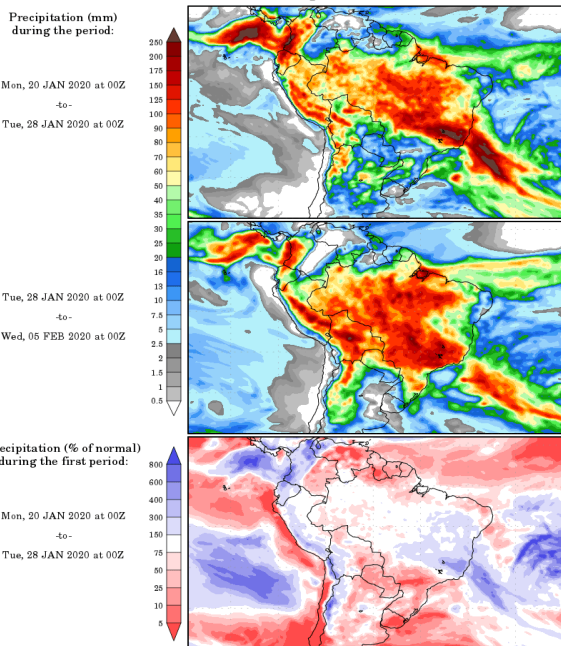


10 20 30 40 50 60 70 80 90 (%)

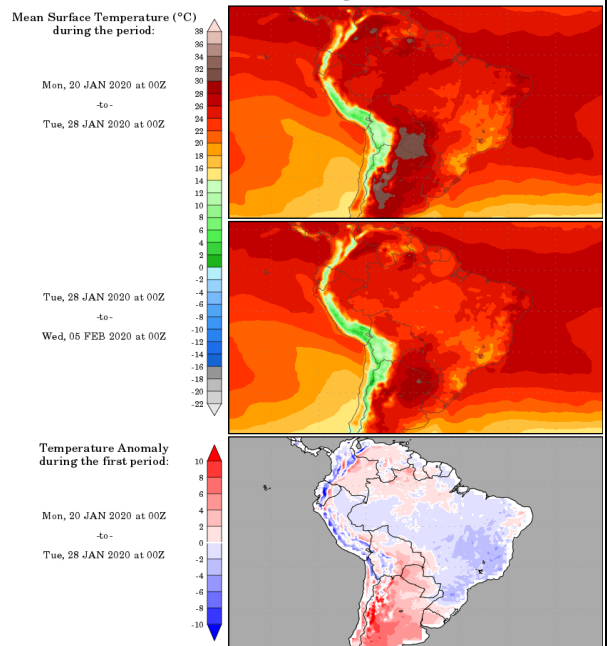


-2.0° -1.0° 0° 1.0° 2.0° 3.0° 4.0° (C)

## Precipitation Forecasts



## Temperature Forecasts



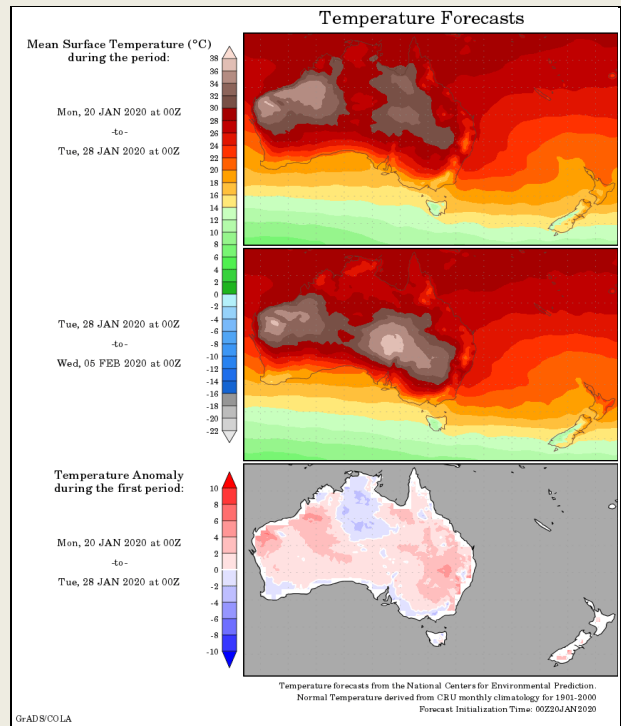
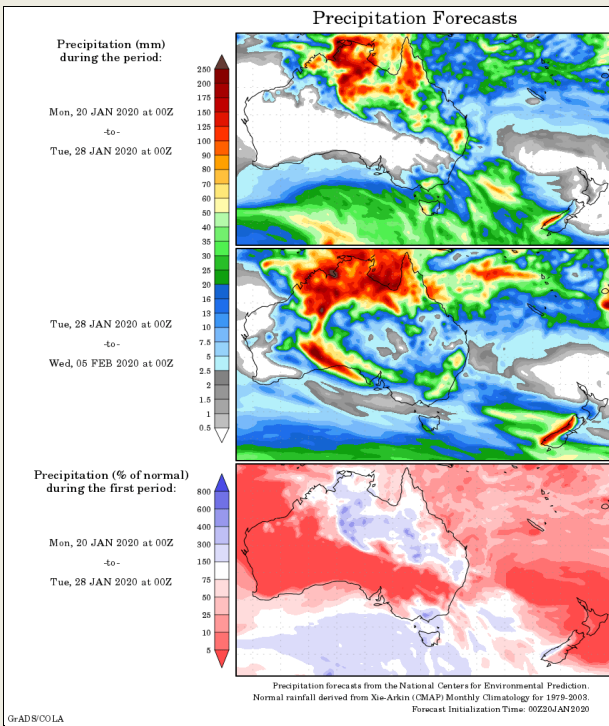
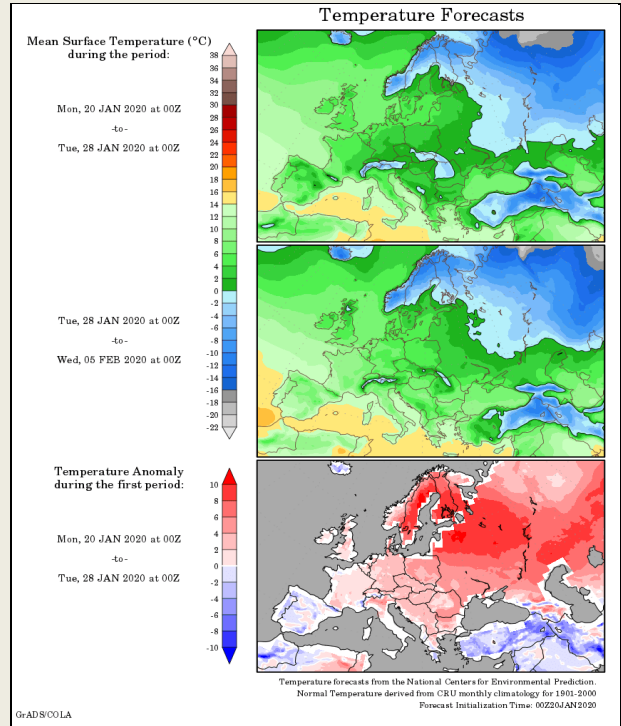
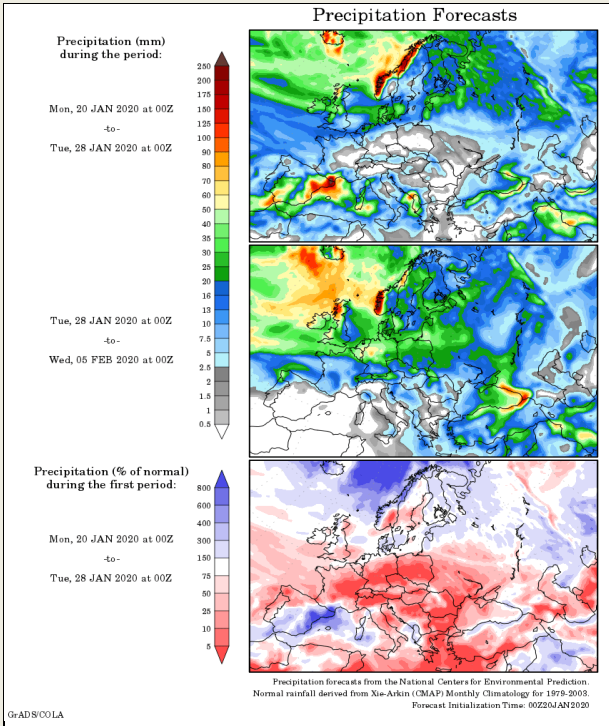
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## Europe, New Zealand and Australia - Weather

**EUROPE:** Restricted precipitation will occur over the western CIS this week. Recent snow cover will remain over the middle and upper Volga Basin and northern Russia, but little additional snow will occur. Warmer than usual temperatures will continue over the western CIS most often this week. However, rounds of cooling will return to western Russia next week and bitter cold temperatures will return to snow covered areas of west Russia.

**AUSTRALIA:** Showers and thunderstorms will shift from east-central Australia into southeast Australia this weekend and linger over the southeast into Monday. Widespread moisture will benefit very dry areas and help put down some of the fires burning out of control in eastern portions of Victoria, New South Wales and Queensland. The moisture will moisten topsoil, but will not end drought and crops and soil will still need much more follow up rain. With that said interior western portions of Queensland, New South Wales and northwest Victoria will receive more erratic rainfall and pockets of drying will remain in the topsoil with limited moisture and hot temperatures.



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