



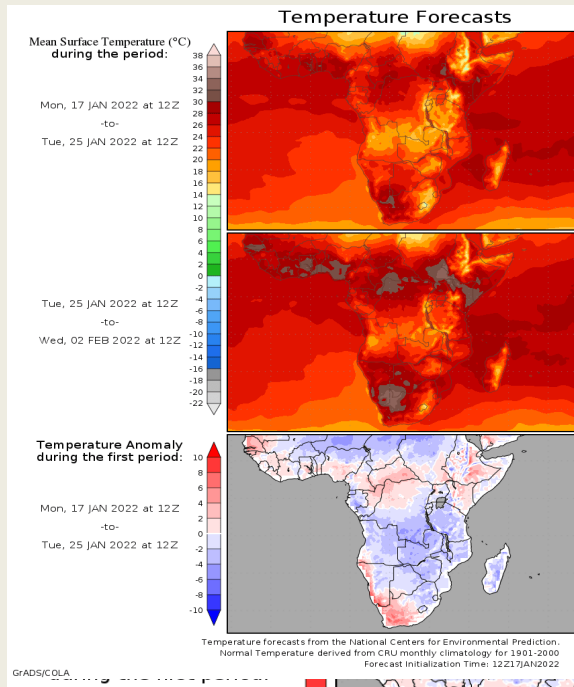
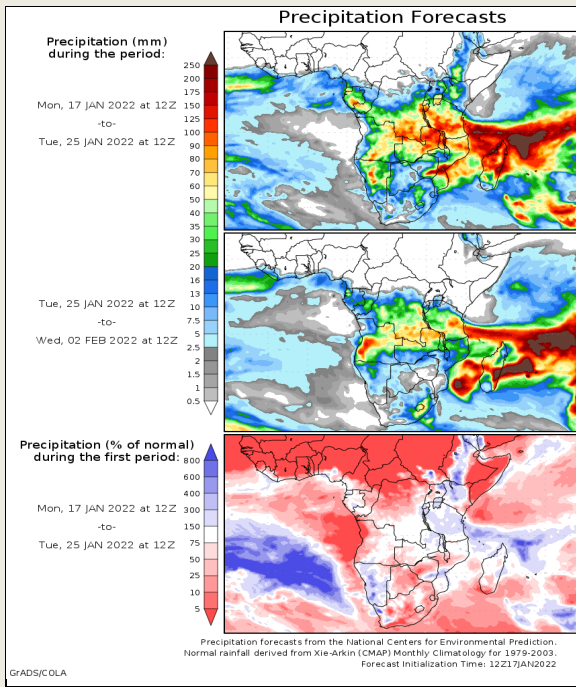
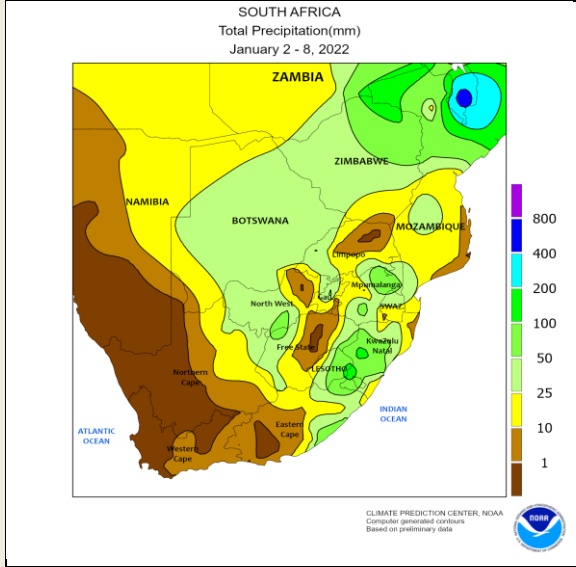
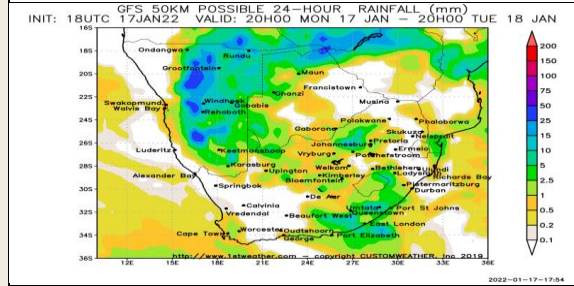
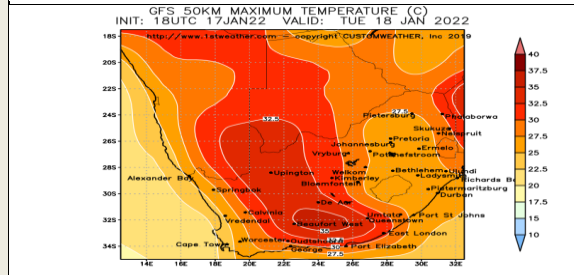
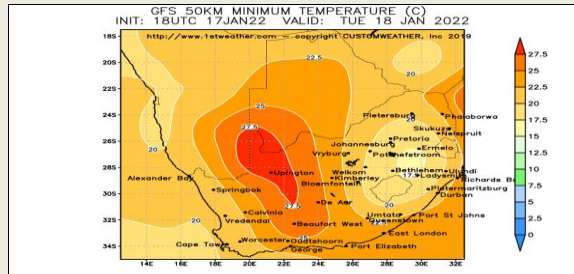
# **Weather Report**

## **18 January 2022**

# South Africa - Weather

South Africa's main production areas will remain in a wet weather bias through the end of next week. Many areas will become or remain saturated in the coming days as additional rain falls. Flash flooding will be a significant concern, most notably in Free State, Natal, Mpumalanga, and southern North West. Free State and neighboring areas have already seen damage to corn from flooding earlier in the growing season and more damage will be possible. Drier weather will be needed later this month to firm up the ground and support a better environment for crop development. South Africa will continue to see rain evolve on a frequent basis through the end of next week. The most significant rain will occur through this weekend as a disturbance tracks across the country. Periods of erratic rain will occur at times next week as well. Moisture totals by next Friday morning will range from 1.50-5.00" with local totals of 7.00" or more in Free State, Mpumalanga, Natal, and southern North West. The remaining areas will receive 0.50-3.00" of rain with drier pockets in northern Limpopo and Western Cape

- Eastern and central South Africa will see several waves of rain January 22 – 28
- o Western South Africa will have a few opportunities for light rain



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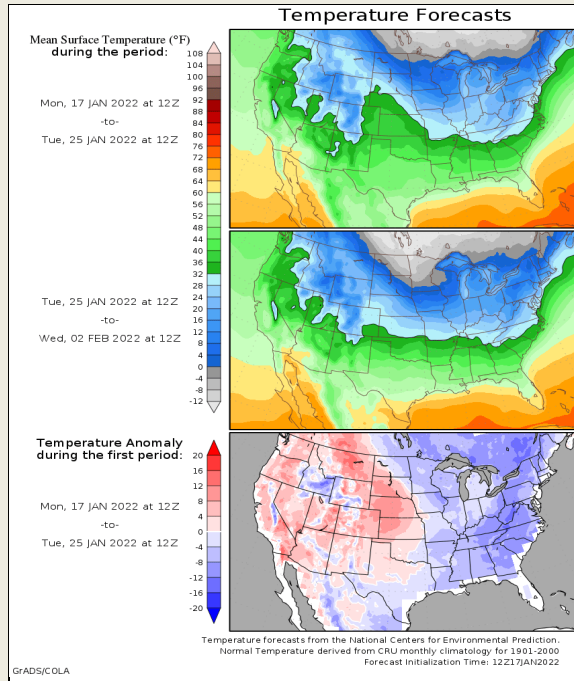
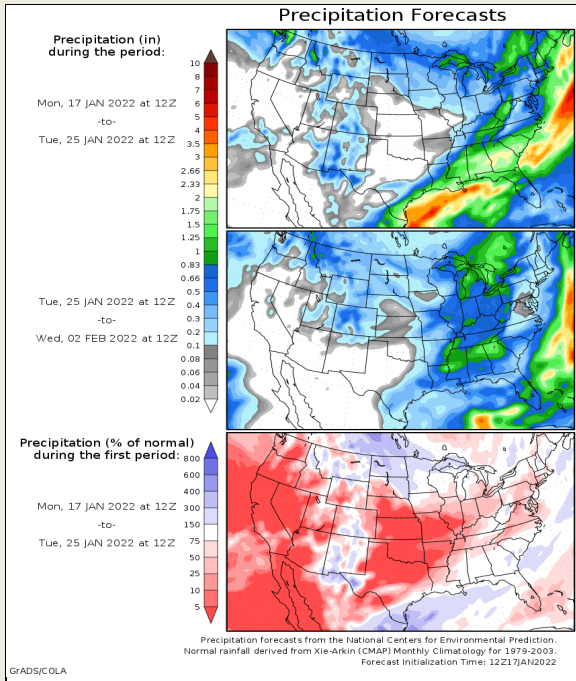
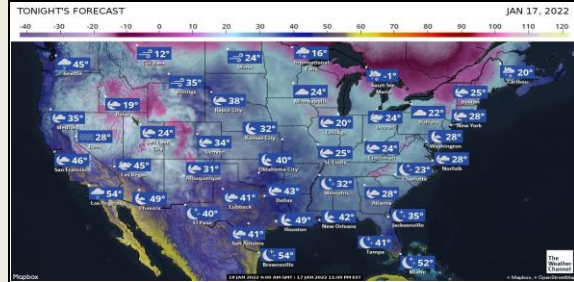
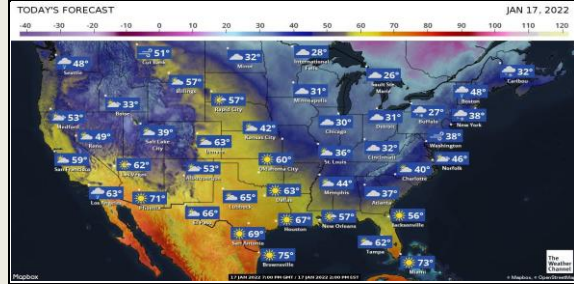
# United States of America - Weather

U.S. MIDWEST: Outside of a potent winter storm system occurring tonight into this weekend, the Midwest will see a quiet weather pattern through the next two weeks.

- o Some heavy snow will fall from east-central North Dakota to east-central South Dakota to southern and interior east-central Iowa tonight into early Saturday with southeastern Missouri to Kentucky and southern into eastern Ohio seeing significant snow Saturday afternoon into Sunday.

U.S. DELTA AND SOUTHEAST: A mostly tranquil weather pattern will be in place during the next two weeks in the Delta and the Southeast although two rounds of nearly widespread precipitation are expected with some snow in northern areas this weekend.

- o The driest areas in the Delta and the Southeast will benefit from the additional moisture expected from each event.
- o The first round of precipitation will occur this weekend with some significant snow accumulations in portions of the northern Delta as well as from northern Georgia to south-central and southwestern Virginia.



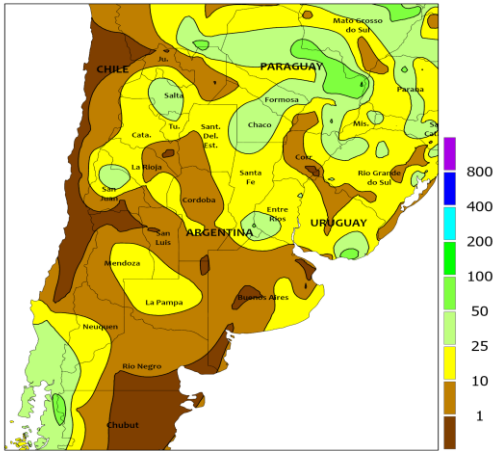
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# South America - Weather

**BRAZIL:** Paraguay and most of Rio Grande do Sul will see little to no rain of significance and hot temperatures through Saturday and increases in crop stress and declining yields will continue. A shift in the weather pattern will begin today and Santa Catarina and nearby areas benefit from rain into Saturday before showers and thunderstorms increase Sunday through Jan. 23 across Brazil and Paraguay with many areas seeing additional showers into Jan. 28.

**ARGENTINA:** Excessively hot and dry weather will continue into this weekend and crops will continue to suffer with some recently planted crops possibly withering and dying while the early corn crop that is pollinating should see rapid declines in yield potentials. Key crop areas from southern Cordoba to central Buenos Aires have limited subsoil moisture and as that moisture is depleted rapid increases in crop stress are likely. The weather pattern will change this weekend and frequent rounds of rain Saturday through Jan. 22 will leave the country with at least temporary improvements in crop and soil conditions.

ARGENTINA  
Total Precipitation(mm)  
January 2 - 8, 2022



CLIMATE PREDICTION CENTER, NOAA  
Consultar generalidad de criticas  
Based on preliminary data



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

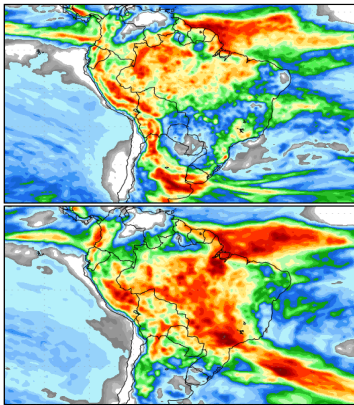
-20° -10° 0° 10° 20° 30° 40° (°C)

## Precipitation Forecasts

Precipitation (mm) during the period:

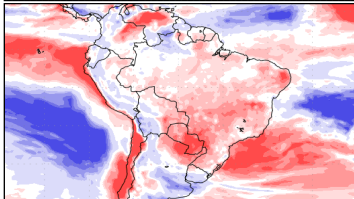
Mon, 17 JAN 2022 at 12Z  
-to-  
Tue, 25 JAN 2022 at 12Z

Tue, 25 JAN 2022 at 12Z  
-to-  
Wed, 02 FEB 2022 at 12Z



Precipitation (% of normal) during the first period:

Mon, 17 JAN 2022 at 12Z  
-to-  
Tue, 25 JAN 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: 12Z17JAN2022

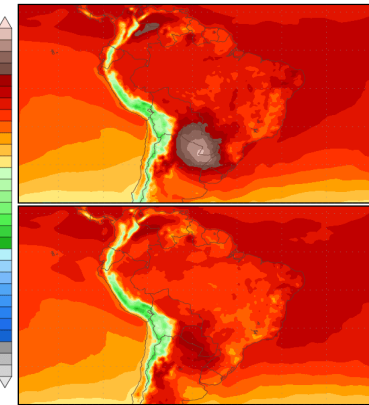
GRADS/COLA

## Temperature Forecasts

Mean Surface Temperature (°C) during the period:

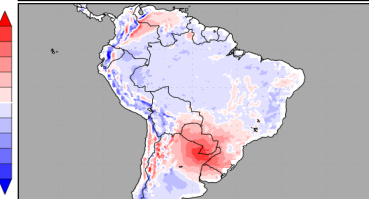
Mon, 17 JAN 2022 at 12Z  
-to-  
Tue, 25 JAN 2022 at 12Z

Tue, 25 JAN 2022 at 12Z  
-to-  
Wed, 02 FEB 2022 at 12Z



Temperature Anomaly during the first period:

Mon, 17 JAN 2022 at 12Z  
-to-  
Tue, 25 JAN 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: 12Z17JAN2022

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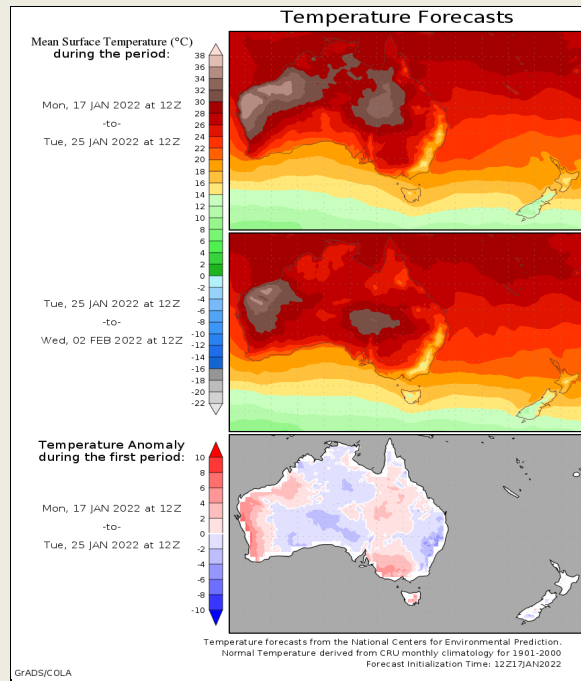
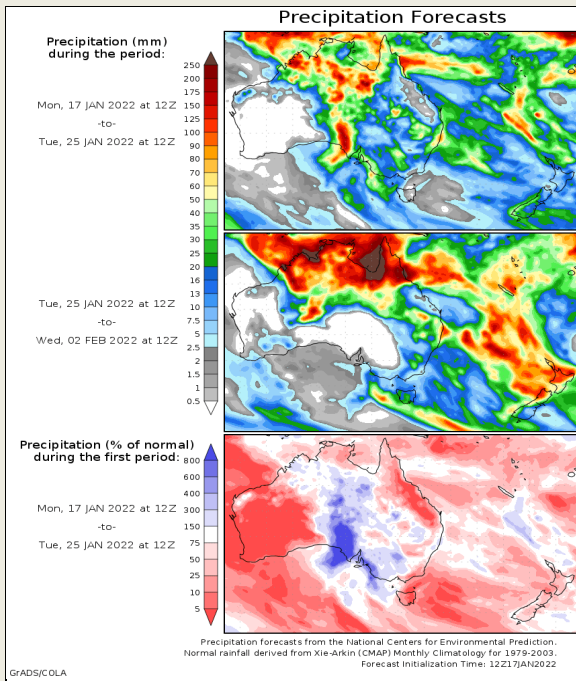
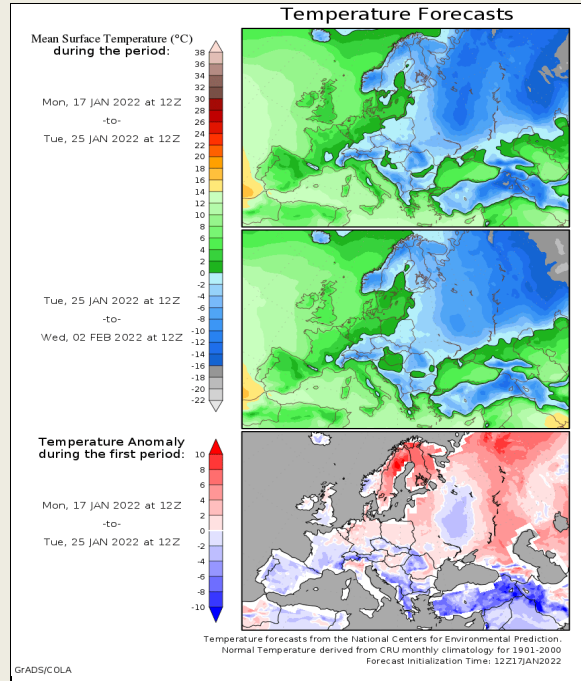
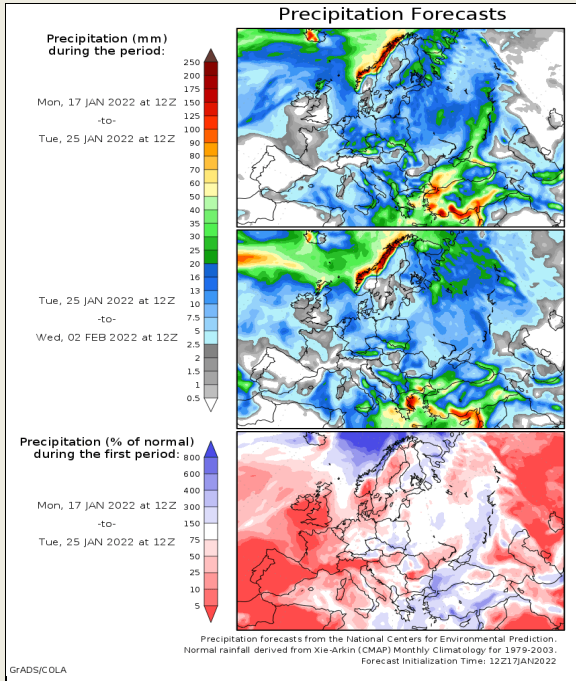
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# Europe, New Zealand and Australia - Weather

**EUROPE:** Rounds of precipitation will continue to maintain moist conditions throughout the North Sea Region into France, Germany, Switzerland and northeastern Italy as well as southern Scandinavia this week. Moisture will reach into the northwestern Balkan Nations Thursday into early next week and may expand into portions of the southeastern Balkan Nations early next week.

**AUSTRALIA:** Rounds of scattered precipitation will occur over southeastern Australia including Victoria as well as central and southern New South Wales this workweek. The moisture will limit fieldwork and harvest in a few locations, but many locations the moisture will be brief and erratic enough that some fieldwork should progress around the rain.

Ⓜ Daily moisture totals will vary from 0.20 to 0.80 inch and local totals in excess of 1.00 inch.



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