



# **Weather Report**

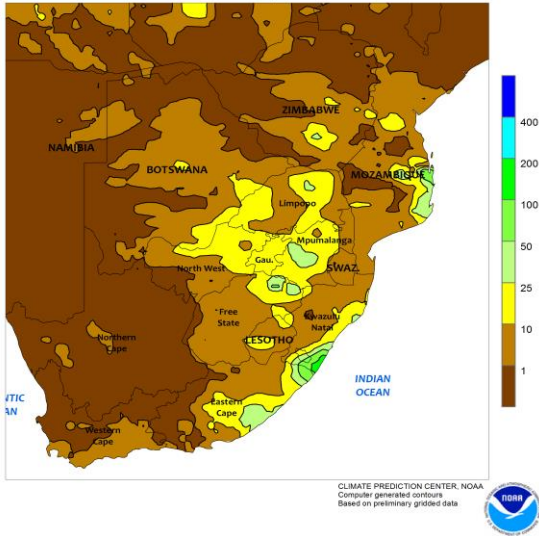
## **20 October 2021**

# South Africa - Weather

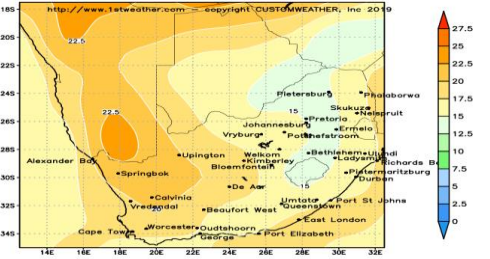
Weather conditions over the next two weeks will be favorably mixed for winter crop development, maturation and harvest progress while summer crop areas get at least some periodic shower and thunderstorm activity. Early season crop planting will advance in areas that have the best soil moisture. Fieldwork will be disrupted by rain periodically, but the delays are not expected to be very long and the moisture will be welcome. • Showers today will produce up to 0.25" of rain with coverage less than 20%

- Rain in the interior west and some central crop areas Wednesday and Thursday will produce 0.20-0.80" of rain with local amounts of 1.00-2.00"
- Showers Friday will be confined to southwestern coastal areas with rainfall of up to 0.75"
- Showers Saturday will occur mostly in the south near the coast where rainfall will stay under 0.50 inch.
- Rain Sunday through Oct. 31 will impact most summer crop areas with rainfall of 1.00-3.00" and local totals of 4.0-5.0"
- o Wettest in eastern parts of Eastern Cape and Natal where local flooding is possible

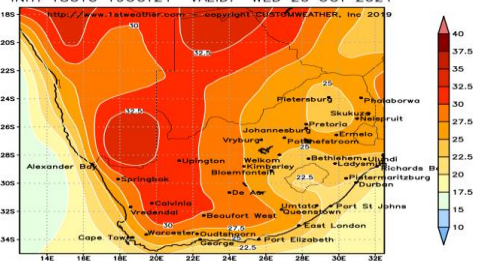
SOUTH AFRICA  
Total Precipitation (mm)  
October 3 - 9, 2021



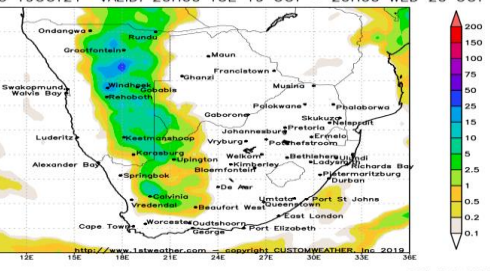
GFS 50KM MINIMUM TEMPERATURE (C)  
INIT: 18UTC 19OCT21 VALID: WED 20 OCT 2021



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INIT: 18UTC 19OCT21 VALID: WED 20 OCT 2021

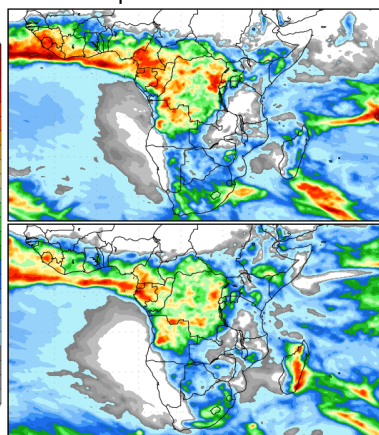


GFS 50KM POSSIBLE 24-HOUR RAINFALL (mm)  
INIT: 18UTC 19OCT21 VALID: 20H00 TUE 19 OCT - 20H00 WED 20 OCT 2021



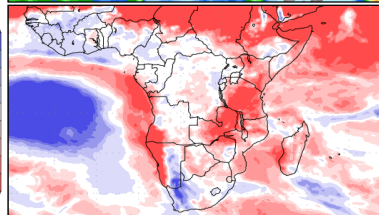
Precipitation (mm)  
during the period:

- Tue, 19 OCT 2021 at 12Z
- to-
- Wed, 27 OCT 2021 at 12Z



Precipitation (% of normal)  
during the first period:

- Tue, 19 OCT 2021 at 12Z
- to-
- Wed, 27 OCT 2021 at 12Z

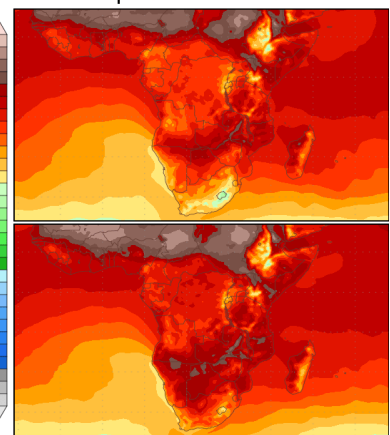


Precipitation forecasts from the National Centers for Environmental Prediction.  
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.  
Forecast Initialization Time: 12Z19OCT2021

GRADS/COLA

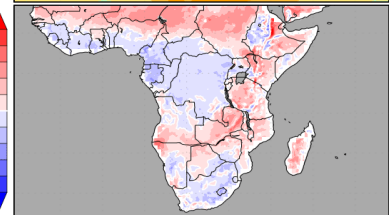
Mean Surface Temperature (°C)  
during the period:

- Tue, 19 OCT 2021 at 12Z
- to-
- Wed, 27 OCT 2021 at 12Z



Temperature Anomaly  
during the first period:

- Tue, 19 OCT 2021 at 12Z
- to-
- Wed, 27 OCT 2021 at 12Z



Temperature forecasts from the National Centers for Environmental Prediction.  
Normal Temperature derived from CRU monthly climatology for 1901-2000  
Forecast Initialization Time: 12Z19OCT2021

GRADS/COLA

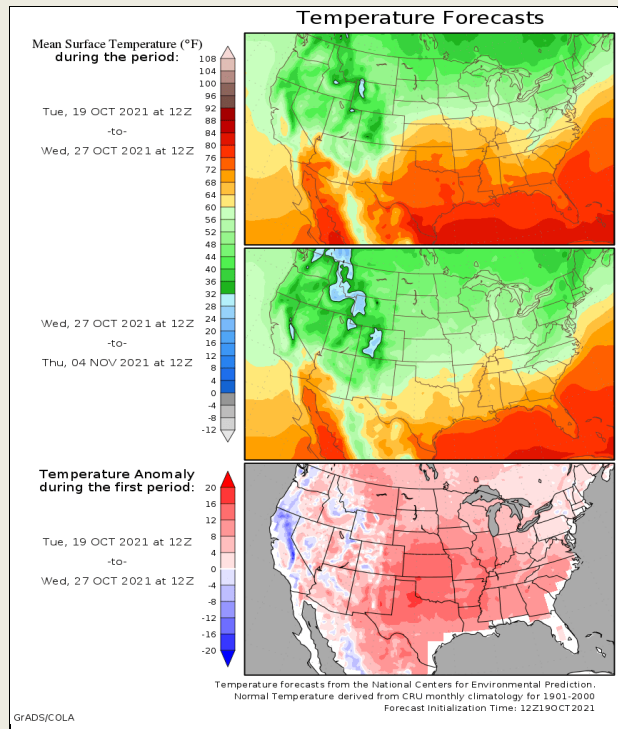
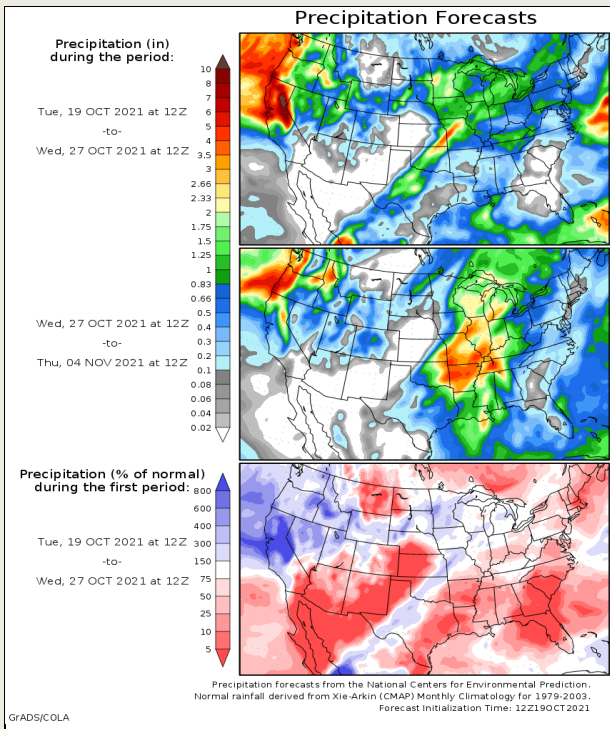
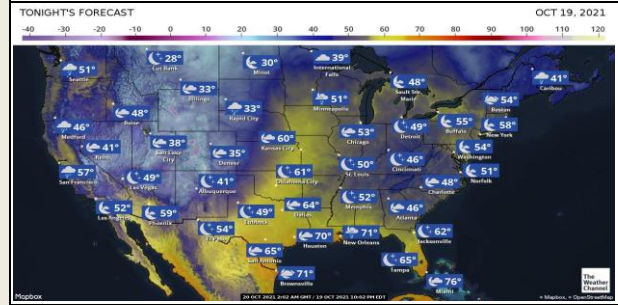
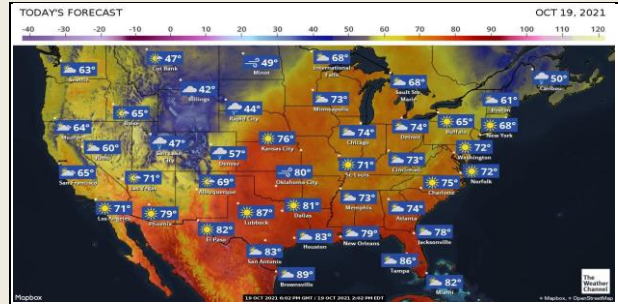
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# United States of America - Weather

**U.S. MIDWEST:** The Midwest will see a few rounds of rain during the next two weeks with breaks between rain events adequate to allow most fields to dry down enough for good harvest progress to be made overall.

**U.S. DELTA AND SOUTHEAST:** The Delta and the Southeast will see more sunshine than rain during the next two weeks and conditions for crop maturation and harvesting will be mostly favorable and fieldwork should advance well around the limited precipitation expected.

- o The dry weather expected to be most common during the next two weeks will benefit cotton that was discolored by rain earlier this month, although there will be occasional rounds of showers that could cause some temporary discoloration.
- o One round of well-organized rain is expected with that event occurring Oct. 27-28.



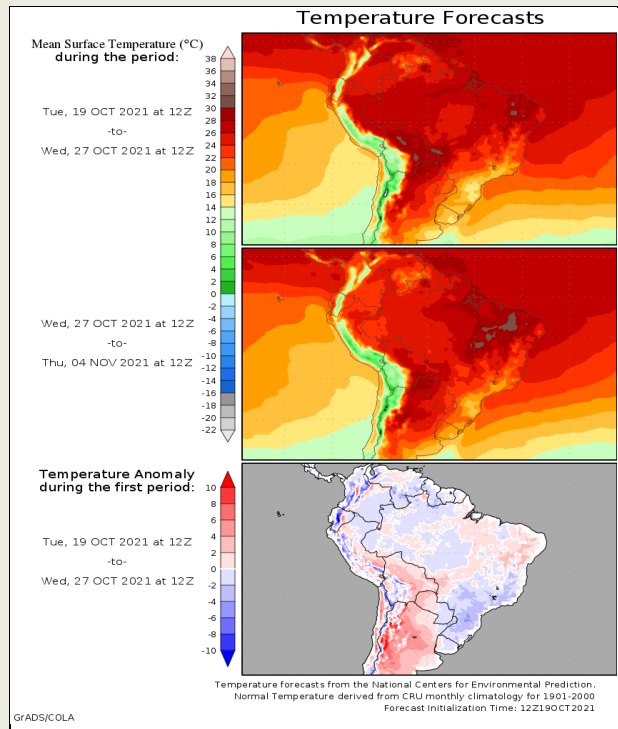
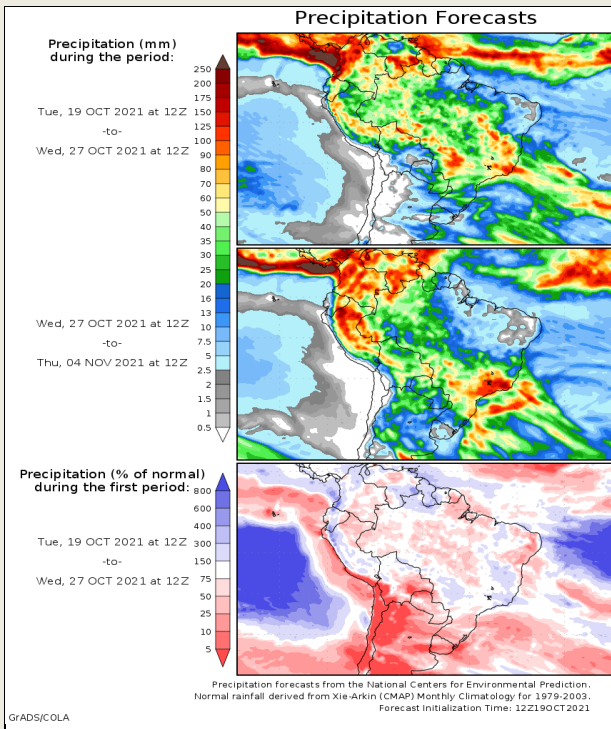
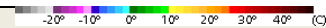
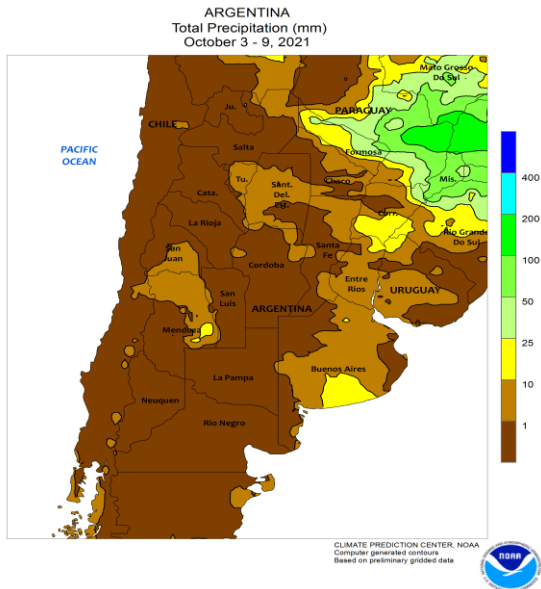
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# South America - Weather

**BRAZIL:** Paraguay and southern Brazil will see a drier weather pattern through the next two weeks that will be beneficial for fieldwork while the abundant soil moisture in place today and at least one round of timely rain will keep crop conditions mostly favorable. Regular rounds of showers and thunderstorms will occur through the next two weeks across northern Brazil inducing some increases in soil moisture while maintaining or improving conditions for planting and establishment of crops.

**ARGENTINA:** Argentina will see more sunshine than rain and good planting progress through the next two weeks while the drying expected will increase the need for greater rain in some areas by late this month and early November.

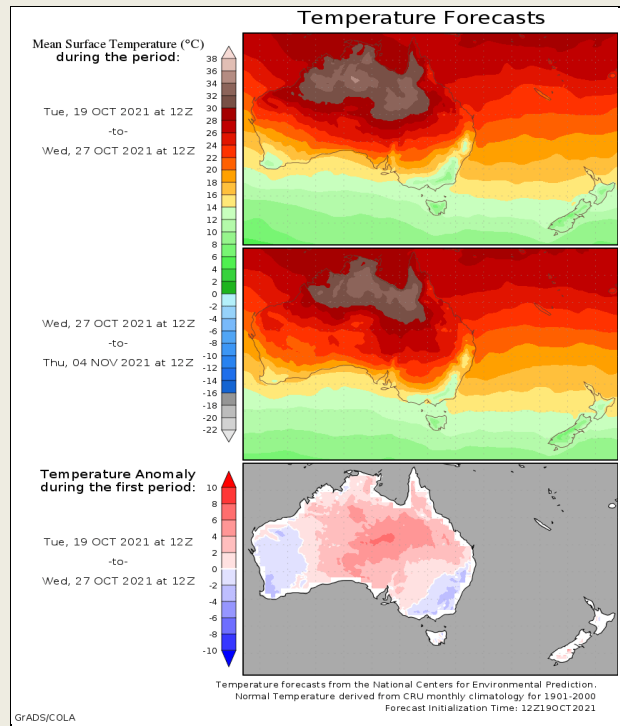
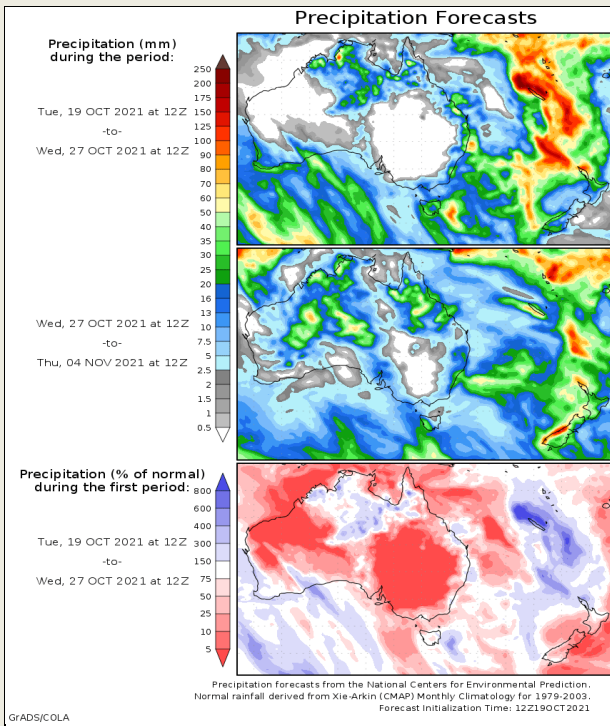
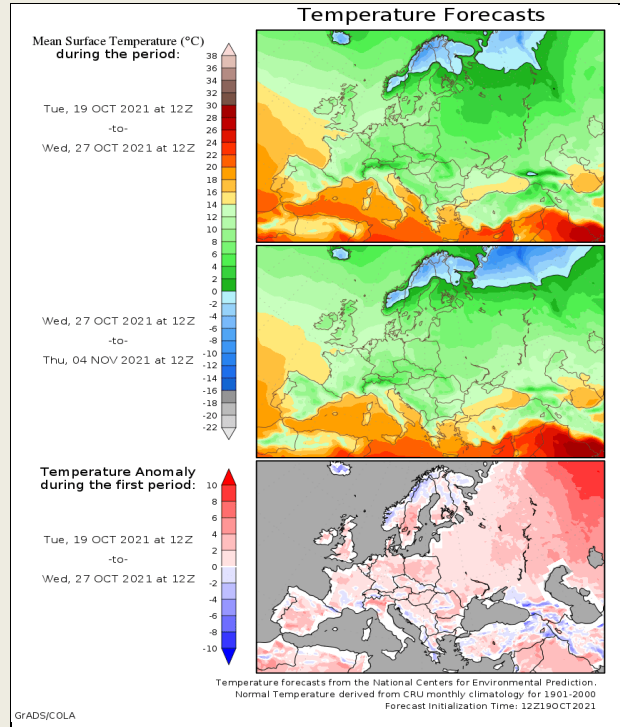
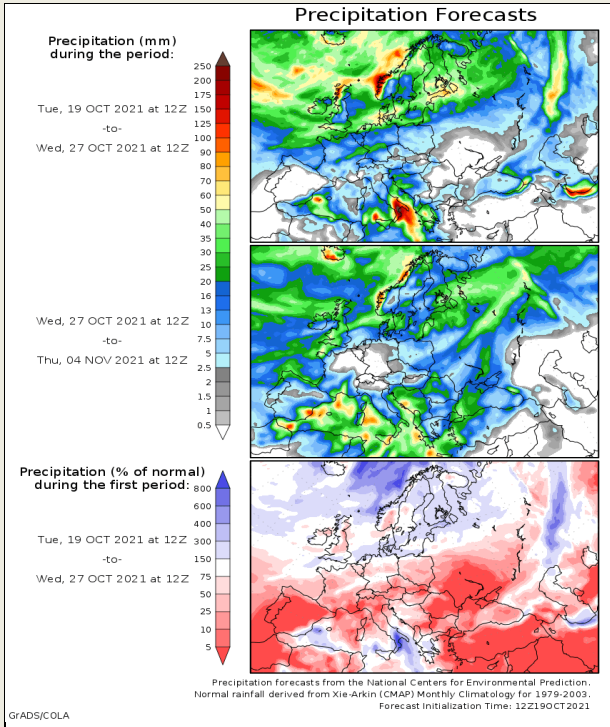
o Soil moisture is high enough in most areas to support planting and establishment of crops and with timely rain in most areas Thursday through Saturday. Soil moisture should be adequate in much of the country through the end of the month.



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# Europe, New Zealand and Australia - Weather

EUROPE: Rounds of rain will be greatest from the U.K. and North Sea Region through northern Germany, Scandinavia into the Baltic Sea Region and northern Russia this week.  
 o Moisture totals will vary from 0.40 to 1.20 inches and local totals in excess of 1.50 inches by this time next week and moist conditions will remain throughout northern areas. • Pockets of showers and thunderstorms will occur from eastern France and Germany into the Balkan Nations Wednesday into Saturday. Most of the moisture will be brief and erratic and light moisture totals will occur most often.  
 AUSTRALIA: Important rain will occur over Western Australia today into Tuesday and linger into Wednesday and again early next week. Yield potentials will remain high.  
 o Moisture totals will vary from 0.30 to 1.00 inch most often and locally greater amounts over interior locations. Moisture totals will vary from 0.75 to 2.00 inches and locally more along the western coast.  
 o Early next week rain showers may return. Additional moisture totals will vary from a trace up to 0.50 inch and locally greater amounts.  
 o Otherwise, restricted precipitation will occur the next ten days.



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