



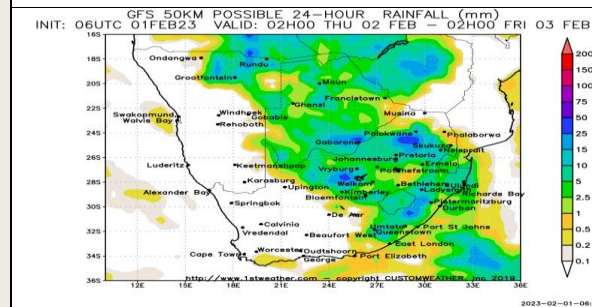
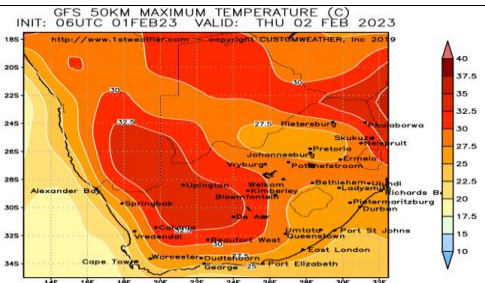
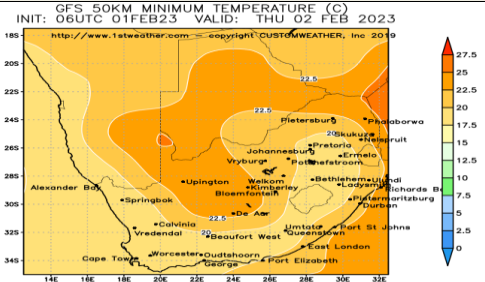
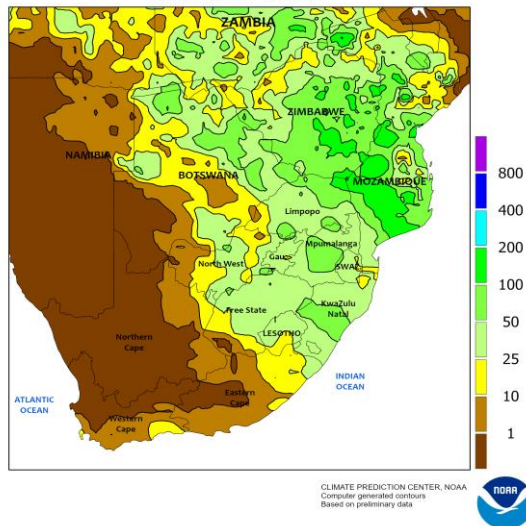
Weather Report

27 December 2023

South Africa - Weather

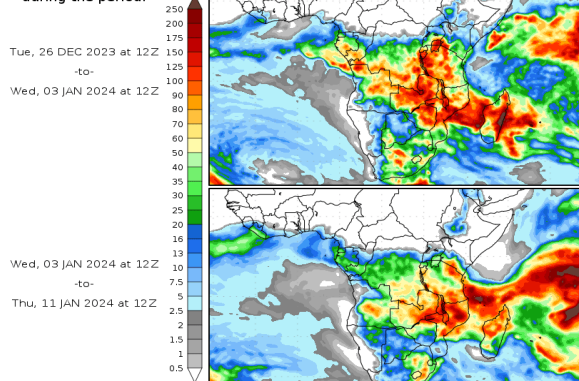
SOUTH AFRICA : Periodic showers and thunderstorms are expected across South Africa's summer crop areas through the next ten days. The pattern looks to be typical for this time of year which should prove fruitful for crop development. Production potentials may be better than expected for an El Nino year. Alternating periods of rain and sunshine are expected during the next two weeks. Rainfall in this first week of the outlook will vary from 1.00 to 3.00 inches with a few local amounts over 4.00 inches. Rainfall next week will vary from a trace to 0.80 inch in western summer crop areas while varying from 1.00 to 3.00 inches in eastern crop areas with a few locally greater amounts possible.

SOUTH AFRICA
Total Precipitation(mm)
December 10 - 16, 2023



Precipitation Forecasts

Precipitation (mm)
during the period:

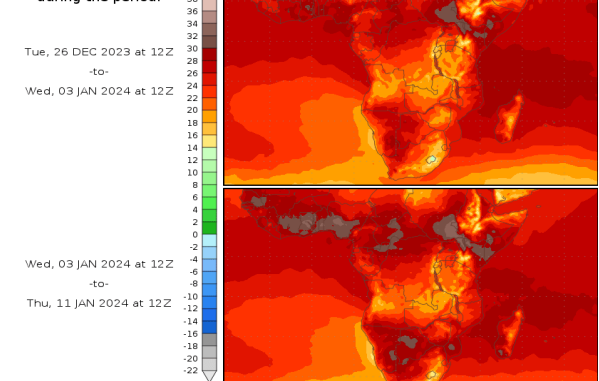


Precipitation forecasts from the National Centers for Environmental Prediction.
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.
Forecast Initialization Time: 12Z26DEC2023

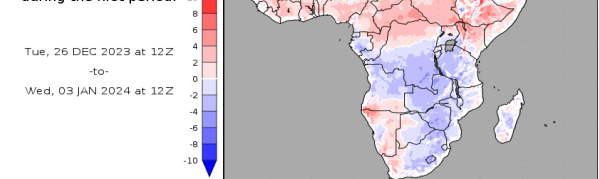
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Temperature Forecasts

Mean Surface Temperature (°C)
during the period:



Temperature Anomaly
during the first period:



Temperature forecasts from the National Centers for Environmental Prediction.
Normal Temperature derived from CRU monthly climatology for 1901-2000
Forecast Initialization Time: 12Z26DEC2023

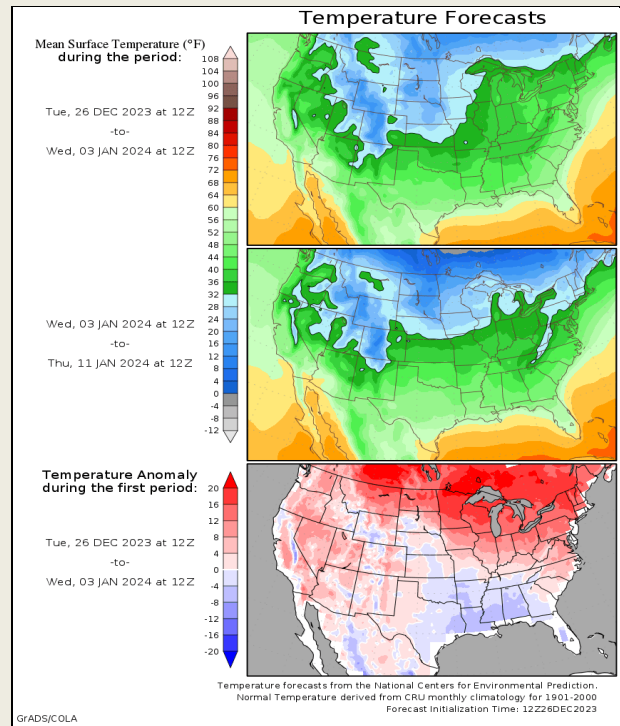
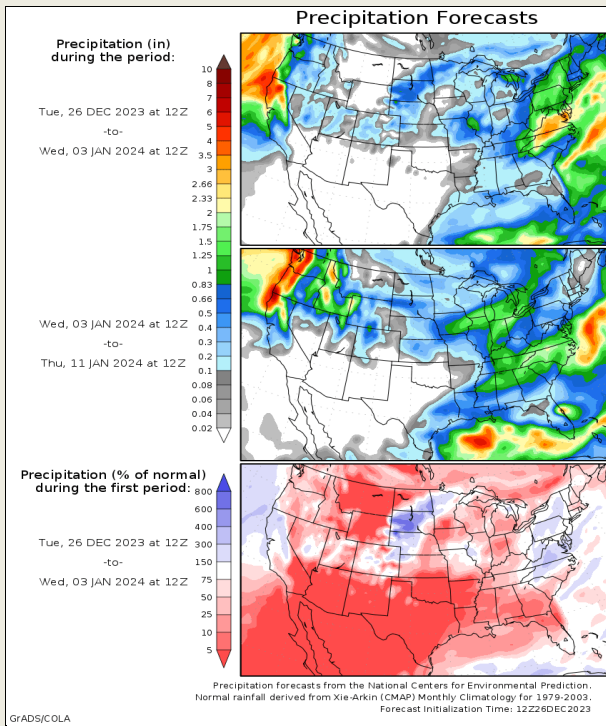
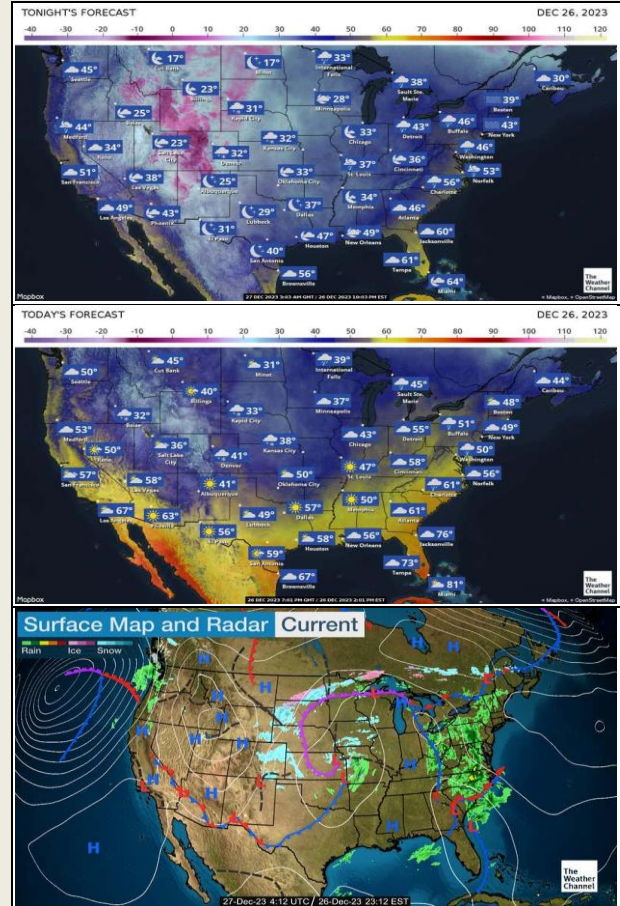
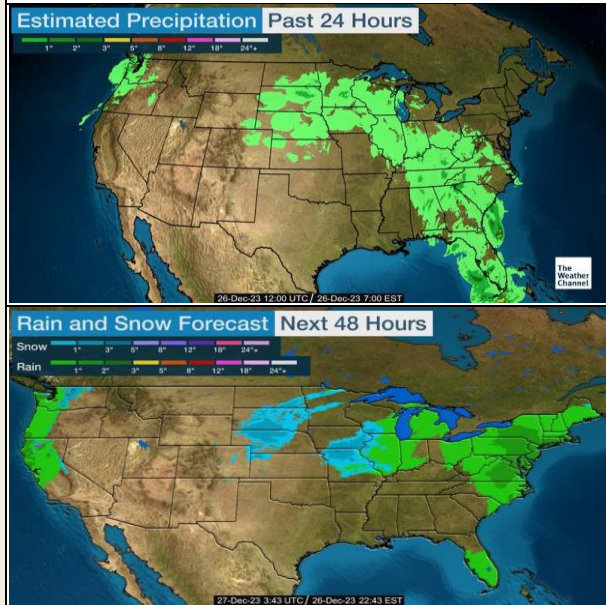
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United States of America - Weather

U.S. MIDWEST : Much of the Midwest will receive at least some light precipitation today into Thursday before a quiet weather pattern occurs Friday into the middle of next week followed by a more active weather pattern Jan. 4-9. o Freezing rain and sleet will affect portions of eastern North Dakota and nearby areas today causing travel days while some power outages may result as well.

U.S. DELTA : Outside of rain into Wednesday from northern and eastern Georgia to southern Virginia and North Carolina, mostly dry and improving to favorable conditions for late-season fieldwork will occur in the Southeast and in the Delta into Sunday. A more frequent precipitation pattern will occur Sunday night into Jan. 9 when three rounds of precipitation are expected to impact the region.



South America - Weather

BRAZIL: Much of Brazil and Paraguay will see a good mix of rain and sunshine during the next two weeks with enough rain to support crops in nearly all areas while a close watch will be made on the rainfall distribution in Mato Grosso where the soil is still dry enough regular rain will be needed to prevent increasing crop stress. o Many Safrinha corn areas in northern Brazil will need greater rain later in January to ensure soil moisture is favorable for planting and crop development as well as to support the crop during the dry season.

ARGENTINA : Outside of rain in northern Argentina Thursday into Friday, little organized rain is expected during the next ten days and fieldwork should advance well while drying takes place before a timely increase in rain occurs Jan. 5-9. o Soil moisture in place today and some showers this weekend into the middle of next week should maintain crop conditions in much of the country while drying takes place through Jan. 4.

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

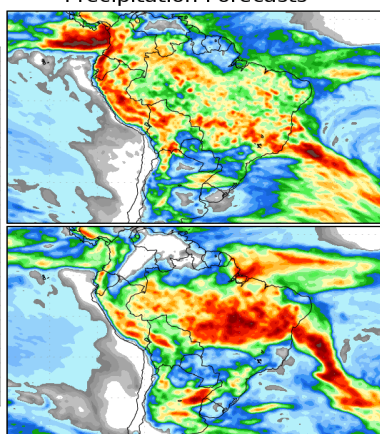
10 20 30 40 50 60 70 80 90 (%)

Precipitation Forecasts

**Precipitation (mm)
during the period:**

Tue, 26 DEC 2023 at 12Z
-to-
Wed, 03 JAN 2024 at 12Z

250
200
175
150
125
100
80
60
50
40
30
25
20
16
13
10
7.5
5
2.5
2
1.5
1
0.5



**Precipitation (% of normal)
during the first period:**

Tue, 26 DEC 2023 at 12Z
-to-
Wed, 03 JAN 2024 at 12Z

800
600
400
300
150
75
50
25
10
5

Precipitation forecasts from the National Centers for Environmental Prediction.
Normal rainfall derived from Xie-Arkin (CMAF) Monthly Climatology for 1979-2003.
Forecast Initialization Time: 12Z26DEC2023

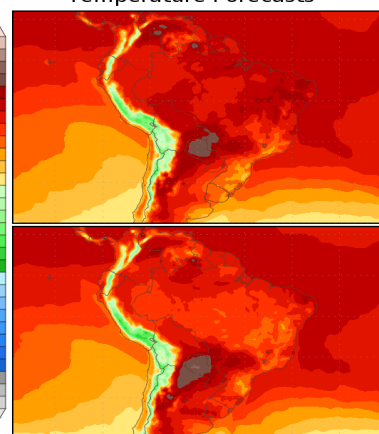
GRADS/COLA

Temperature Forecasts

**Mean Surface Temperature (°C)
during the period:**

Tue, 26 DEC 2023 at 12Z
-to-
Wed, 03 JAN 2024 at 12Z

38
36
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
-22



**Temperature Anomaly
during the first period:**

Tue, 26 DEC 2023 at 12Z
-to-
Wed, 03 JAN 2024 at 12Z

10
8
6
4
2
0
-2
-4
-6
-8
-10

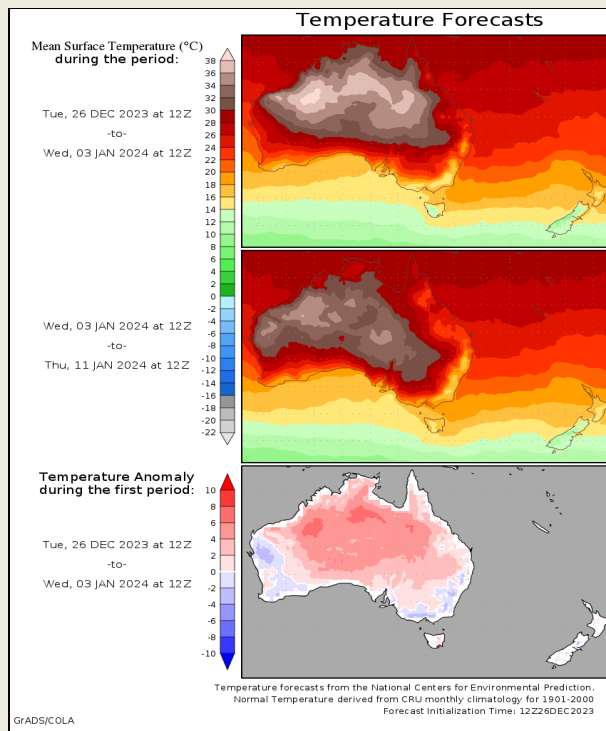
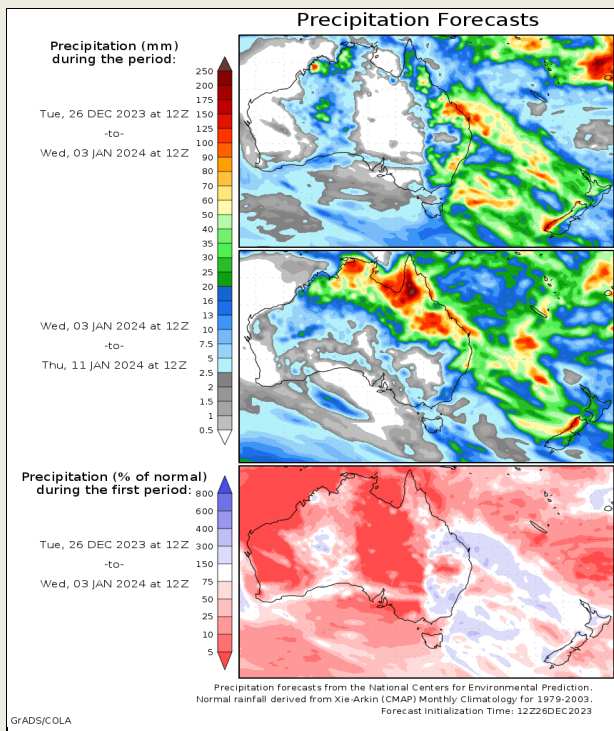
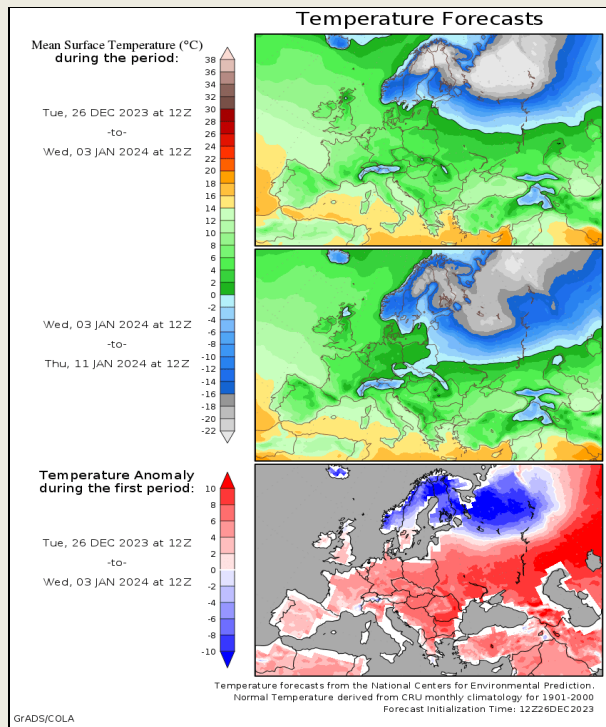
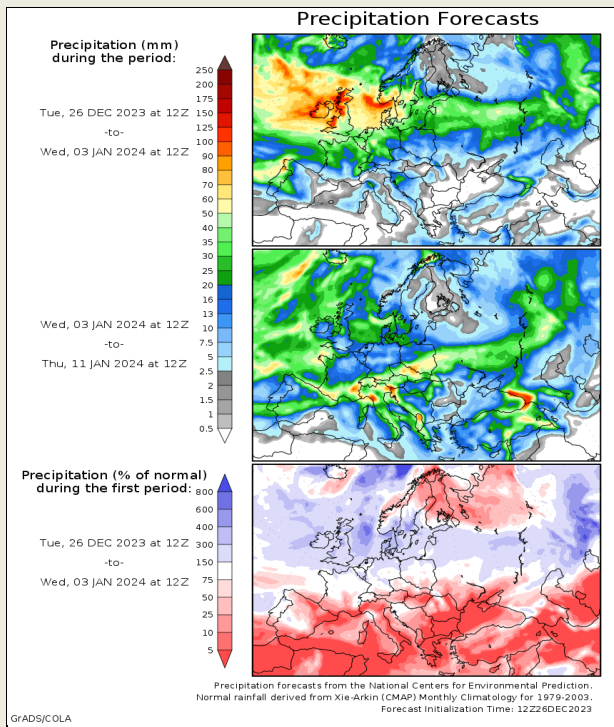
Temperature forecasts from the National Centers for Environmental Prediction.
Normal Temperature derived from CRU monthly climatology for 1901-2000
Forecast Initialization Time: 12Z26DEC2023

GRADS/COLA

Europe, New Zealand and Australia - Weather

EUROPE : Waves of rain and some snow will impact the continent through the next seven days resulting in either a continuation of abundant to excessive soil moisture or a boost in topsoil moisture. Fieldwork will be restricted and cool temperatures may slow crop emergence and establishment in some areas. Rain in portions Spain and Portugal will ease long term dryness late next week, although frequent follow up rain must occur to make that relief significant. Eastern Spain will likely keep its drier bias. The second week of the forecast should bring a little drier weather, although not completely dry. Temperatures will warm back to a seasonable range after being cool during this first week.

AUSTRALIA : Beneficial rainfall will occur in Queensland and New South Wales in the next seven days which will help raise soil moisture for developing sorghum, cotton and other grains and oilseeds. Drier weather in southern areas will be good for crop maturation and harvest advancement. Flooding rain last week in northern sugarcane areas of Queensland may have induced some concern for the crop, but improving weather is expected this week. Other sugarcane areas are likely to receive significant rain in the next two weeks improving crop development potential after recent months of dry biased weather.



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