



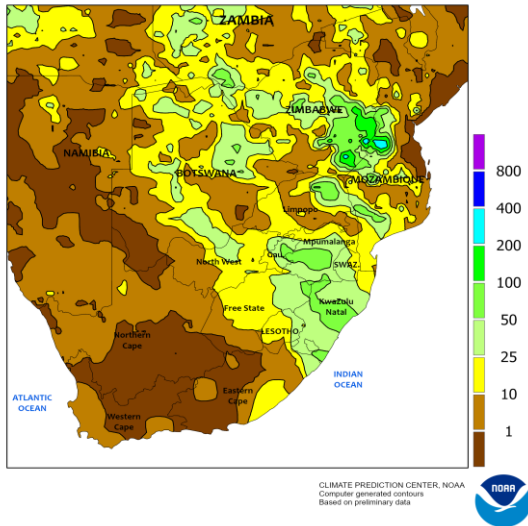
# **Weather Report**

## **05 December 2022**

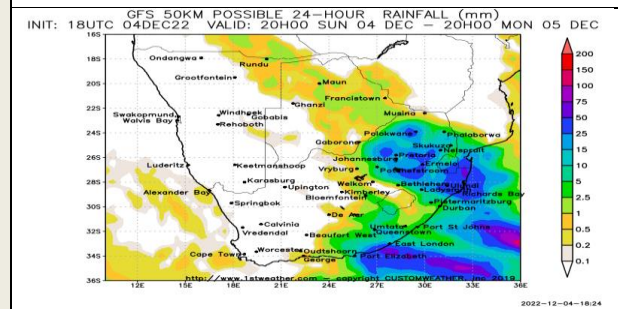
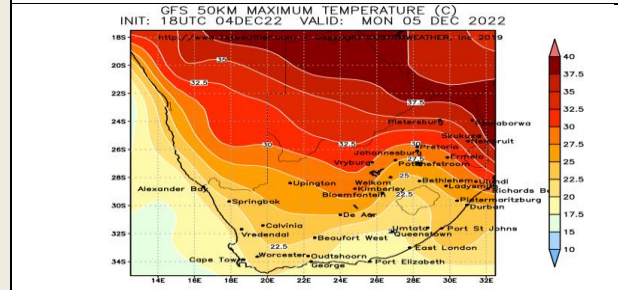
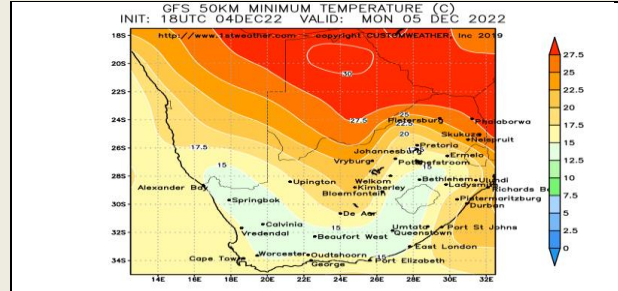
# South Africa - Weather

**SOUTH AFRICA :** Frequent rainfall will continue for eastern South Africa through the end of next week. The rain will keep soil moisture at adequate to excessive levels. Aggressive crop development is expected in most locations, though fieldwork may be sluggish. Central and western South Africa will be drier biased through the end of next week. Eastern sections of Free State and North West will still see periods of rain that will continue to promote generally favorable crop growth. Western Free State and North West may otherwise become or remain too dry for ideal crop conditions. More frequent rain is expected later this month in the driest locations and no significant crop impacts are expected. • Eastern South Africa will see a mix of rain and sunshine during the coming week o Scattered showers will evolve on a near daily basis with some of the most significant rain occurring later this weekend and early next week o Moisture totals by next Friday morning will range from 1.50-4.00" and locally greater amounts • Central South Africa will have a few opportunities for erratic rainfall as well o Rain will often evolve today into the middle of next week o Portions of eastern Free State and North West will receive 0.50-2.00" of rain with locally greater amounts by next Friday morning o Other areas in Free State and North West into Eastern Cape will receive 0.10-0.75" of rain.

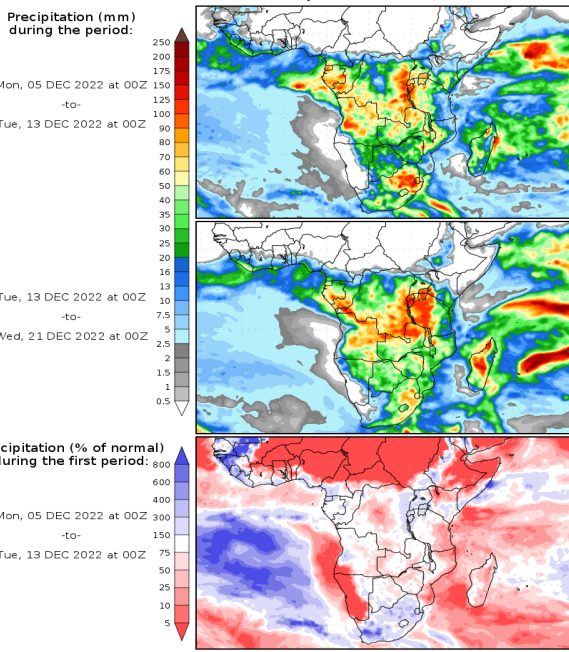
SOUTH AFRICA  
Total Precipitation(mm)  
November 20 - 26, 2022



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



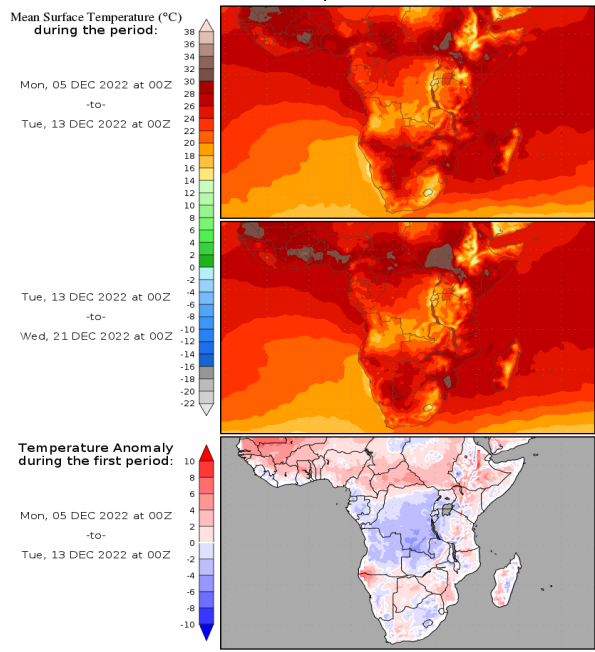
## Precipitation Forecasts



Precipitation forecasts from the National Centers for Environmental Prediction.  
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.  
Forecast Initialization Time: 00Z05DEC2022

GRADS/COLA

## Temperature Forecasts



Temperature forecasts from the National Centers for Environmental Prediction.  
Normal Temperature derived from CRU monthly climatology for 1901-2000  
Forecast Initialization Time: 00Z05DEC2022

GRADS/COLA

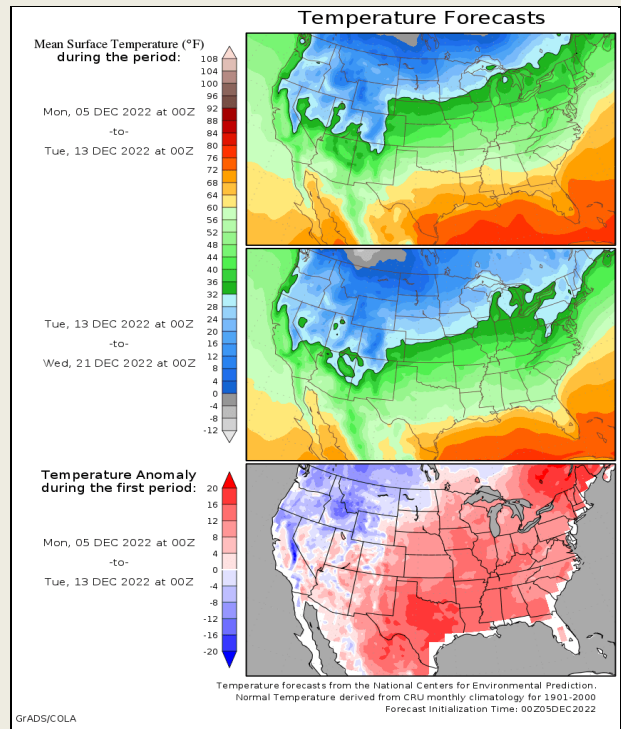
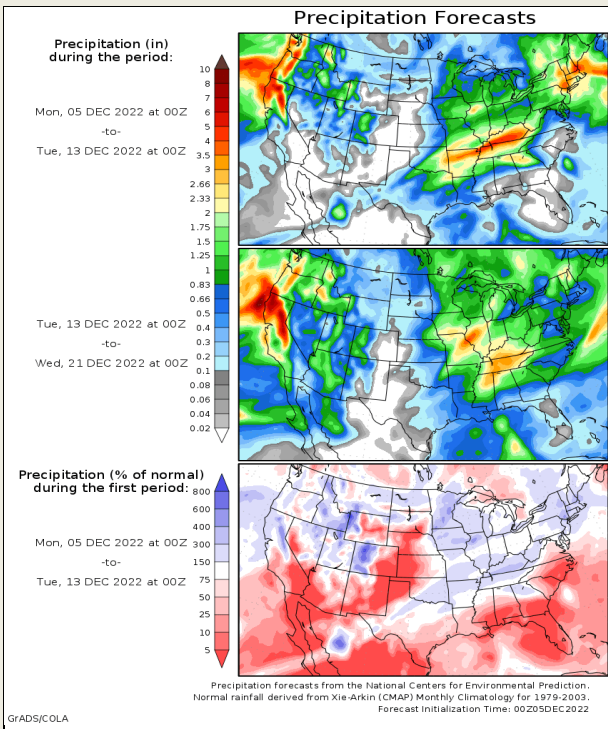
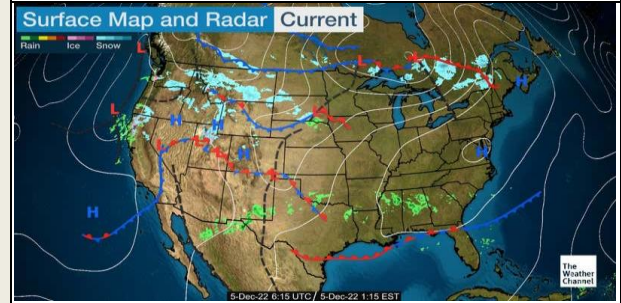
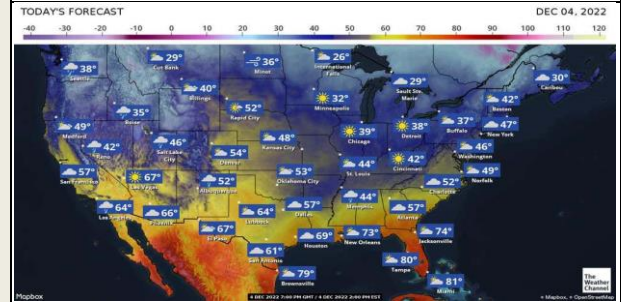
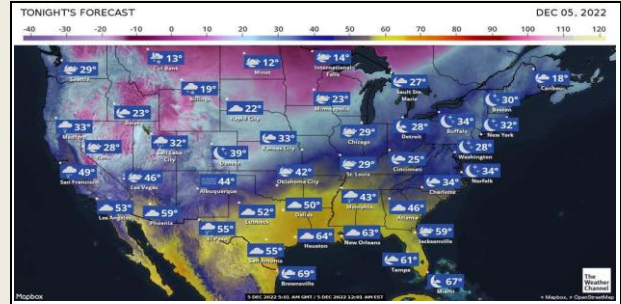
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# United States of America - Weather

**U.S. MIDWEST :** A relatively quiet weather pattern will occur in much of the Midwest through the next two weeks with the lower Midwest wettest where most of the region will receive precipitation Tuesday into Thursday while the only well-organized storm system to impact the Midwest should occur Dec. 9-11. Confidence is low for the Dec. 9-11 precipitation event with early indications suggesting southern areas will be wettest.

**U.S. DELTA :** The Delta and a large part of the Southeast will see regular rounds of precipitation through Dec. 12 and late-season fieldwork will be slowed while breaks between rounds of rain may not be long enough to prevent some quality declines to unharvested cotton. Some local flooding may result from the rain, especially in the northern Delta, but serious flooding is not expected during the next two weeks.

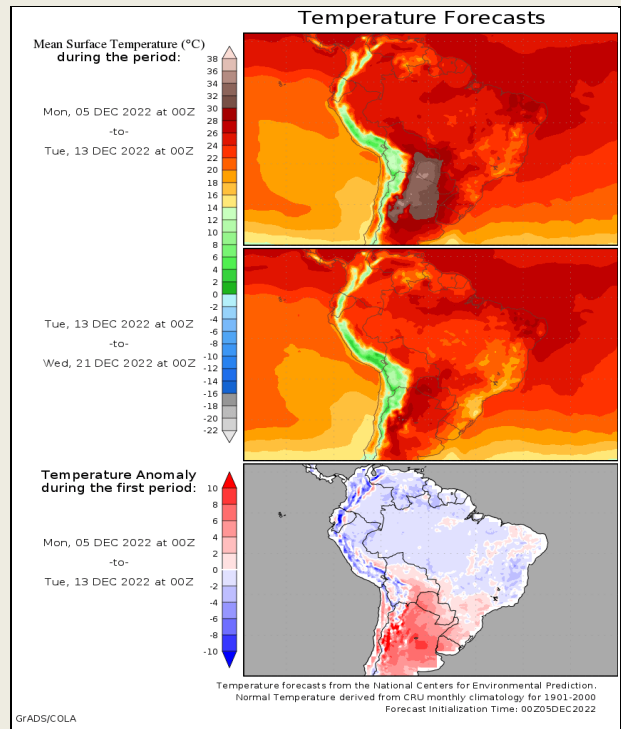
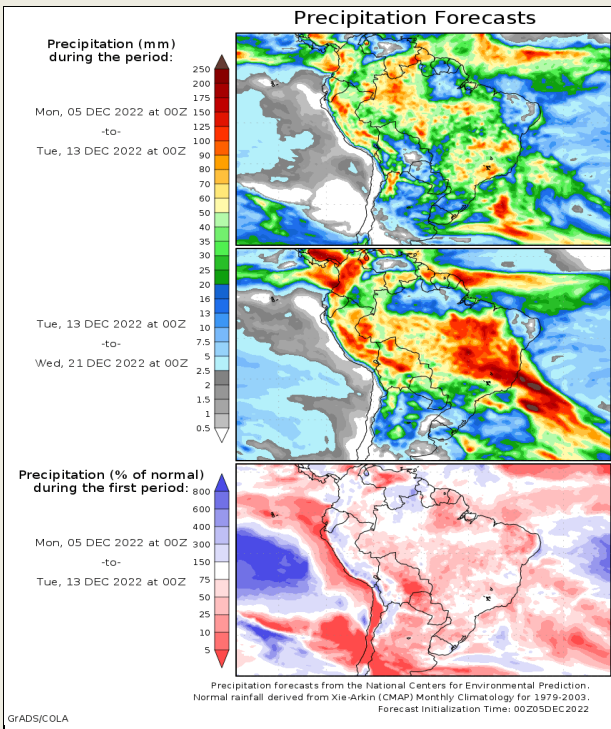
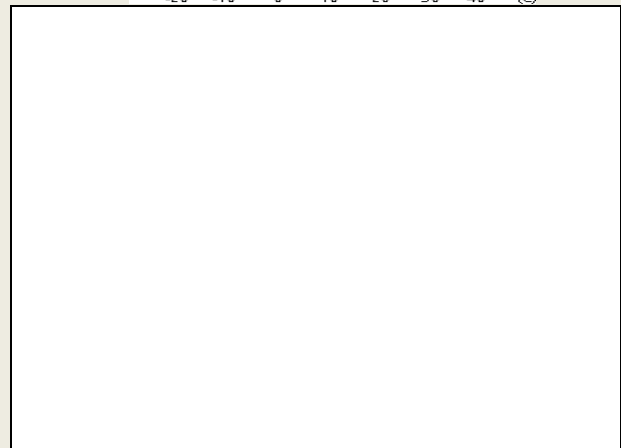
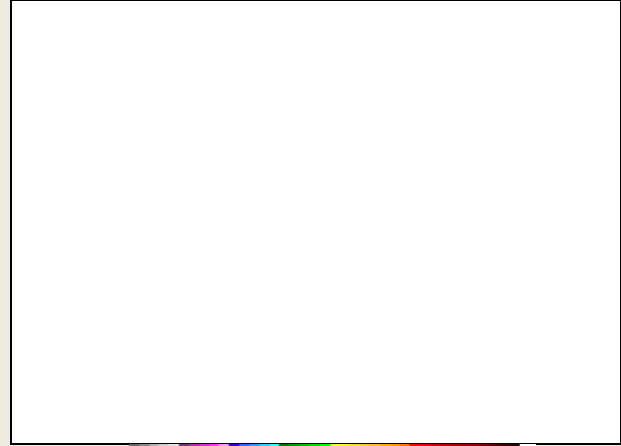


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## South America - Weather

**BRAZIL:** Additional and nearly widespread rain through Tuesday will be important in increasing soil moisture in the driest areas of western and central Brazil while the moisture will be timely in the remainder of central and southern Brazil and Paraguay. o Paraguay and Rio Grande do Sul will see the least rain and although subsoil moisture is still adequate today, the topsoil has dried out and with warm to hot temperatures and rapid drying next week, rain will be needed soon to prevent significant increases in crop stress.

**ARGENTINA:** Little rain through the next week along with hot temperatures Sunday into next week will stress crops in the many areas in central and northern Argentina that missed out on significant rain this week with temperatures hot enough in areas with adequate soil moisture to cause some crop stress. Dec. 11-16 should not be as stressful crops as temperatures may be cooler and rain should fall on much of the country Dec. 11-12, but much of the rain may be light and additional rain will be needed soon.



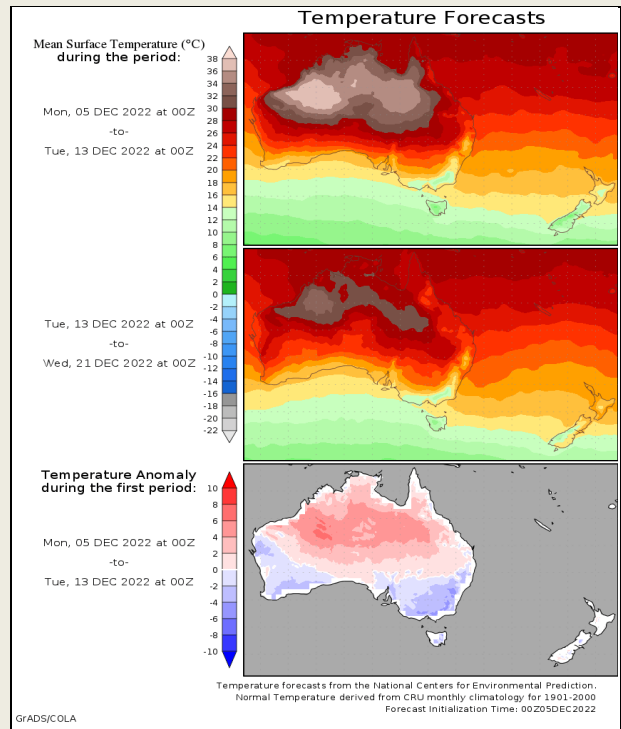
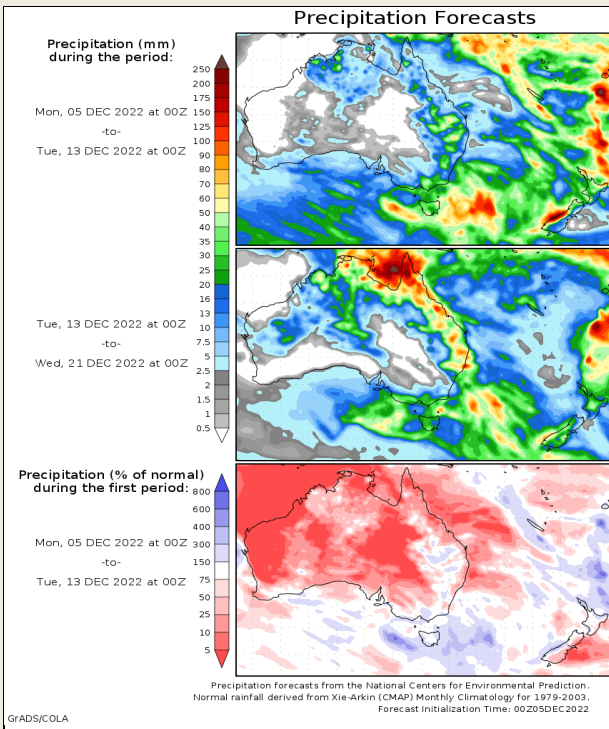
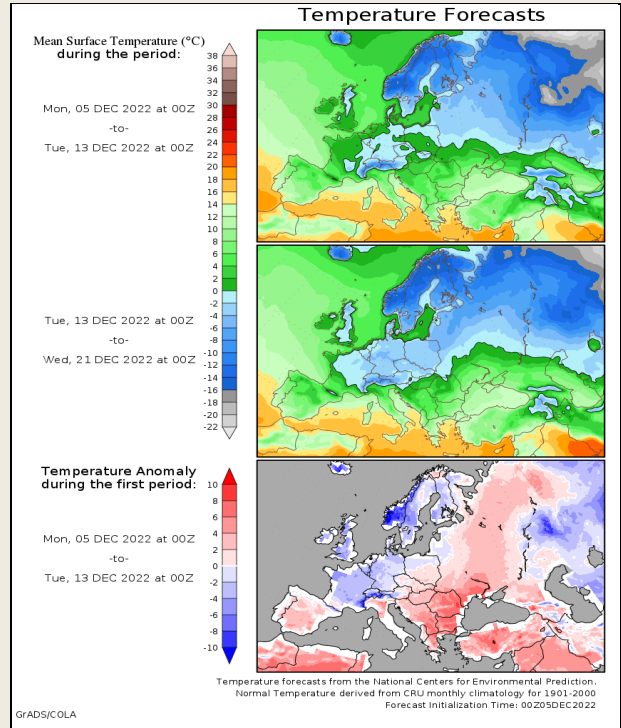
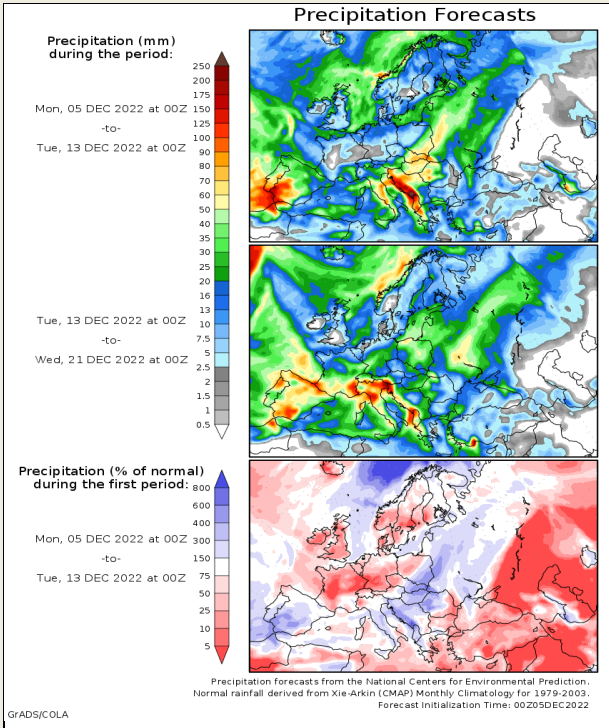
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## Europe, New Zealand and Australia - Weather

EUROPE : Significant rain in Italy in the next seven days could lead to some areas of flooding. Most other areas of the region will be favorable for any remaining late season fieldwork to advance.

AUSTRALIA : A lack of much rain in all key crop areas in the next seven days will still be great for fieldwork and harvest advancement; however, the need for more rain will increase in some areas. Recent rain in Queensland has been helpful for the short to very short topsoil moisture that has evolved; though, western production areas of Queensland and eventually portions of New South Wales will need greater rain later this month.



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