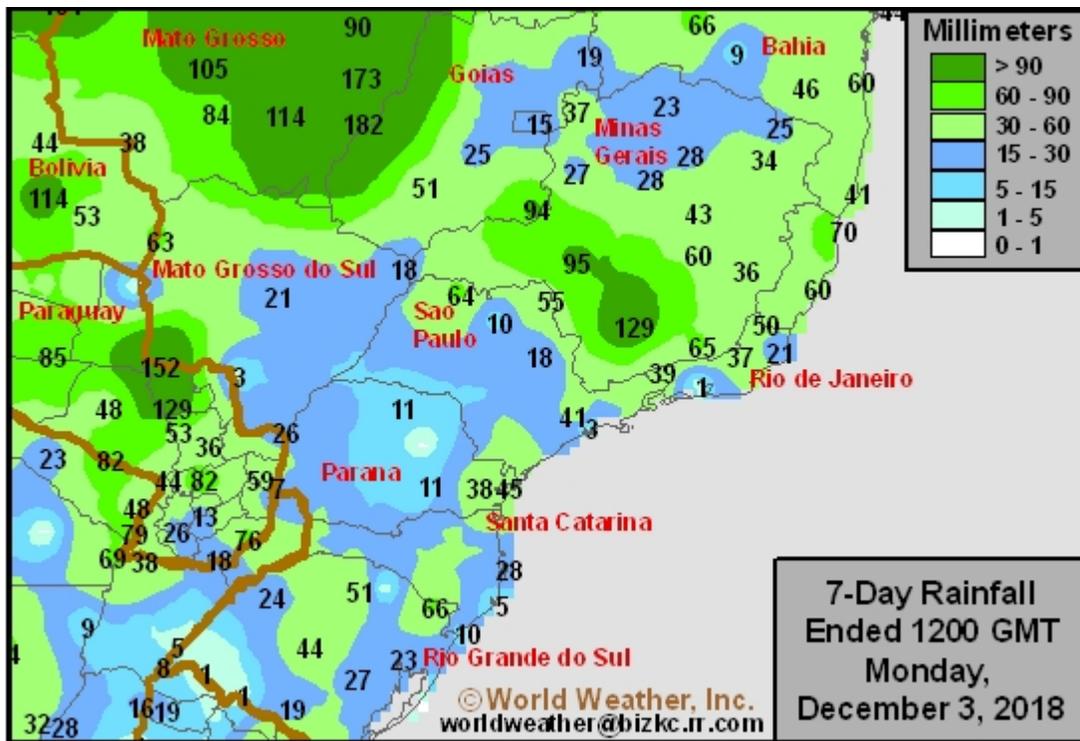


Southern Brazil Faces Ten Days of Drying

By Andrew Owen

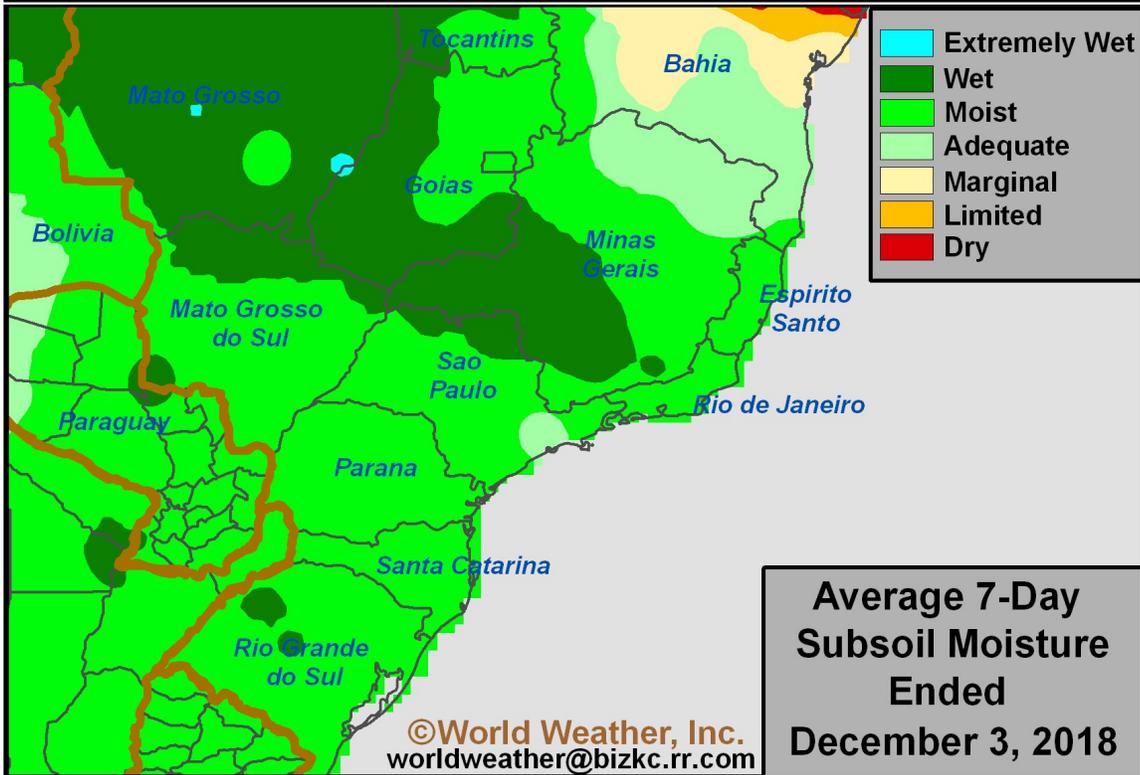
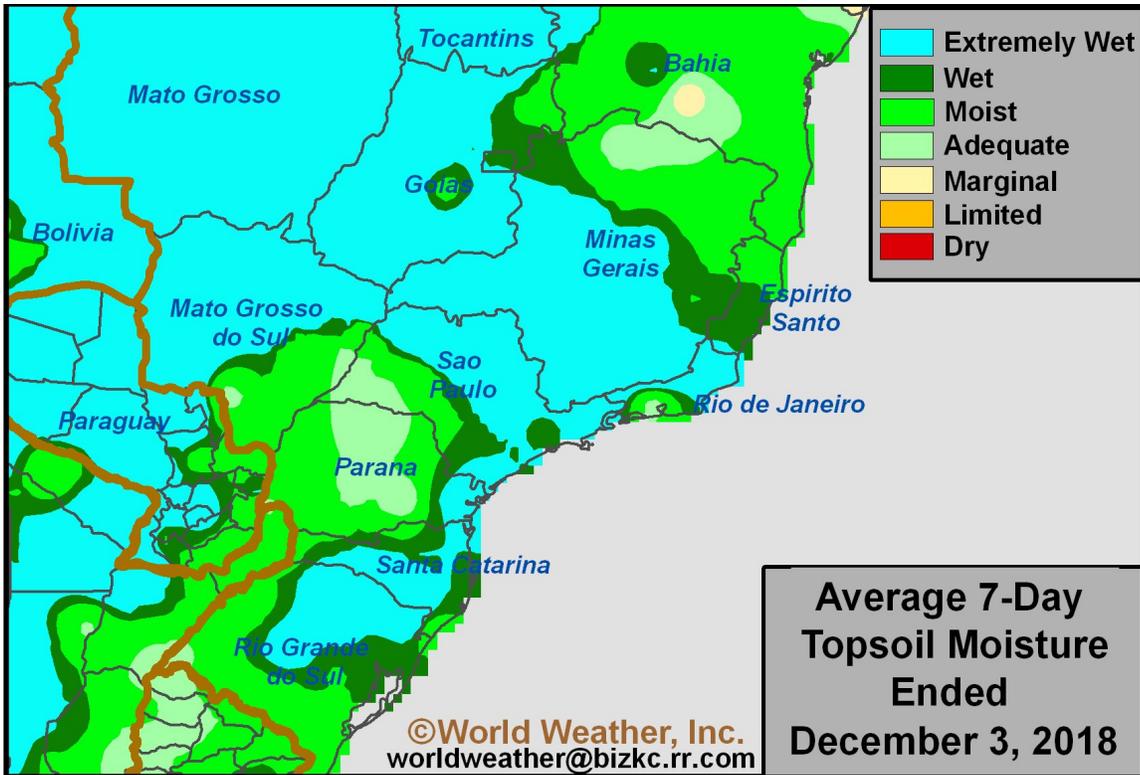
Kansas City, December 3 (World Weather Inc.) – [Many grain, oilseed and cotton production areas from Mato Grosso do Sul and western Sao Paulo to Uruguay and Paraguay will be dry or experience net drying conditions over the next ten days.](#) Favorable subsoil moisture will protect crops from serious moisture stress, but it will be imperative for rainfall to evolve near and beyond mid-month to maintain the best crop development and production potential. Center west and northeastern Brazil will be the only regions to continue receiving daily rainfall this week. Crop development will remain good across the country despite the lack of precipitation in many areas because of favorable soil moisture and temperatures that will be near to slightly below average.

Precipitation was variable across Brazil during the past week. Areas from Mato Grosso through Goiás and southern Minas Gerais reported 2.56 to 5.10 inches with local amounts in Mato Grosso up to 7.17 inches during the seven-day period ending this morning. Mato Grosso do Sul and Sao Paulo through Rio Grande do Sul received 0.40 to 2.60 inches of rain. Bahia and northern Minas Gerais received 0.87 to 2.60 inches of rain.



Temperatures during the past week were seasonable across Brazil. Highest afternoon readings peaked into the upper 80s and 90s Fahrenheit. Lowest temperatures in the south were in the upper 40s and 50s while lowest readings elsewhere dipped into the 50s and 60s most often. Soil moisture remains adequate to abundant from far southern through center-south and center-west Brazil. The northeastern production areas also received enough rain to bring soil moisture to adequate levels.

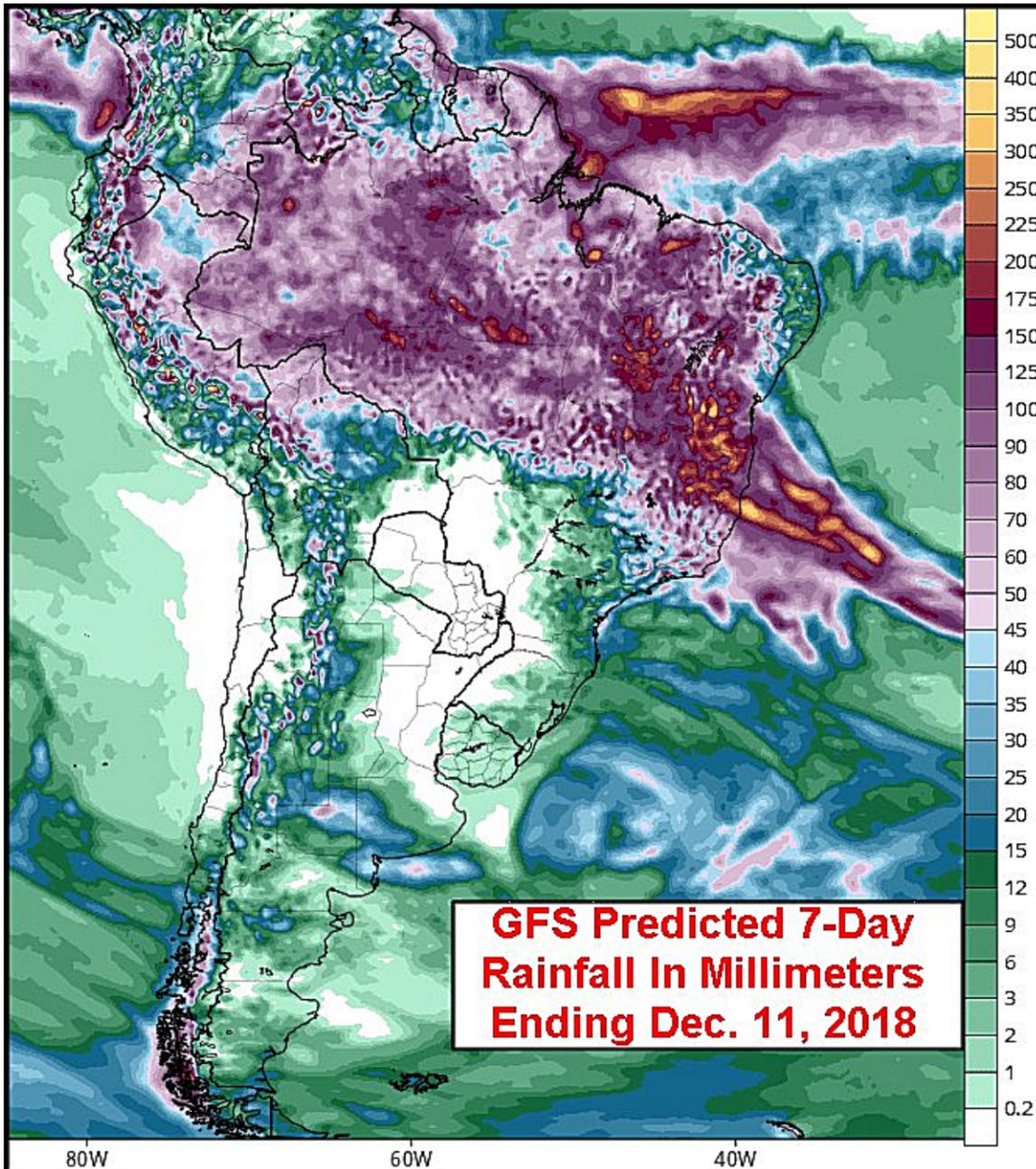
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Several pockets from Mato Grosso through southern Minas Gerais may have received enough rain during the past week to promote some local flooding and minor damage was suspected, but not widespread. Coarse grain, oilseed, and cotton conditions

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otherwise remained favorable for much of Brazil during the past week. The warm weather and periods of rain continued to promote aggressive growth. [Northeast Brazil also received enough rain to improve topsoil moisture, but subsoil moisture remains a little low. There is still a long multi-year hydrologic drought prevailing in northeastern Brazil with water reservoir levels still well below average.](#)



Drier biased conditions will evolve from Mato Grosso do Sul and southwestern Sao Paulo southward to Rio Grande do Sul this week. Brief periods of light rain will occur at times, though most areas will not receive enough precipitation to counter evaporation. Seasonable temperatures are slated for these areas as well. Daytime highs will peak into the

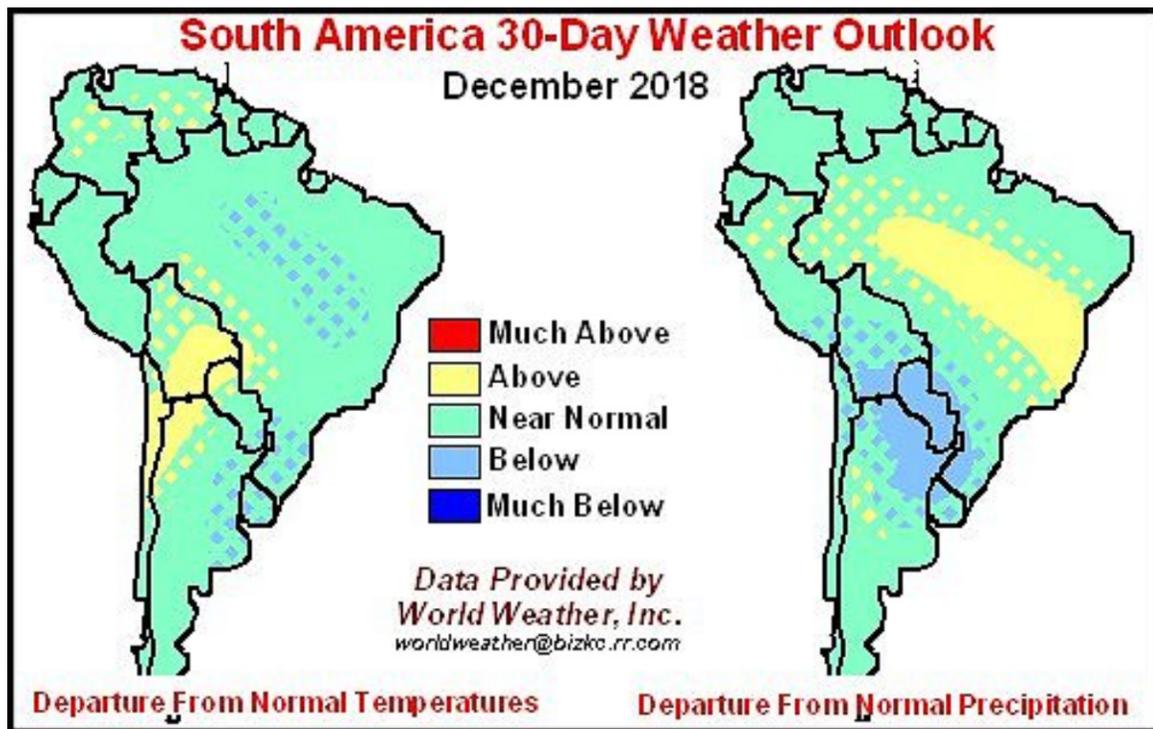
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80s and lower 90s with pockets in the upper 90s. Rain potentials will gradually increase for these areas December 11-17.

The ground will gradually firm up in much of southern Brazil this week. Flooding will recede and many areas with abundant topsoil moisture will see conditions improve. There is plenty of moisture in the ground to maintain aggressive crop development. Fieldwork conditions will gradually improve as well. *There are no major concerns as long as rain evolves in the drier areas during the second week of forecast, Dec. 11-17, as some forecast models are suggesting.*

Bahia, the remaining portions of Minas Gerais, Goias, Tocantins and portions of Mato Grosso will receive rain on a frequent basis this week. Moisture totals through next Monday morning will range from 1.00 to 4.00 inches with local amounts over 6.00 inches. These areas will continue to see a mix of rain and sunshine December 11-17 as well.

Any pockets of dryness still present in Bahia's subsoil today will likely eliminated by the coming week to ten days of frequent rain. Significant runoff could lead to flooding, but will certainly increase runoff for better river and stream flow. Fieldwork in these wetter areas will continue slowly.



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