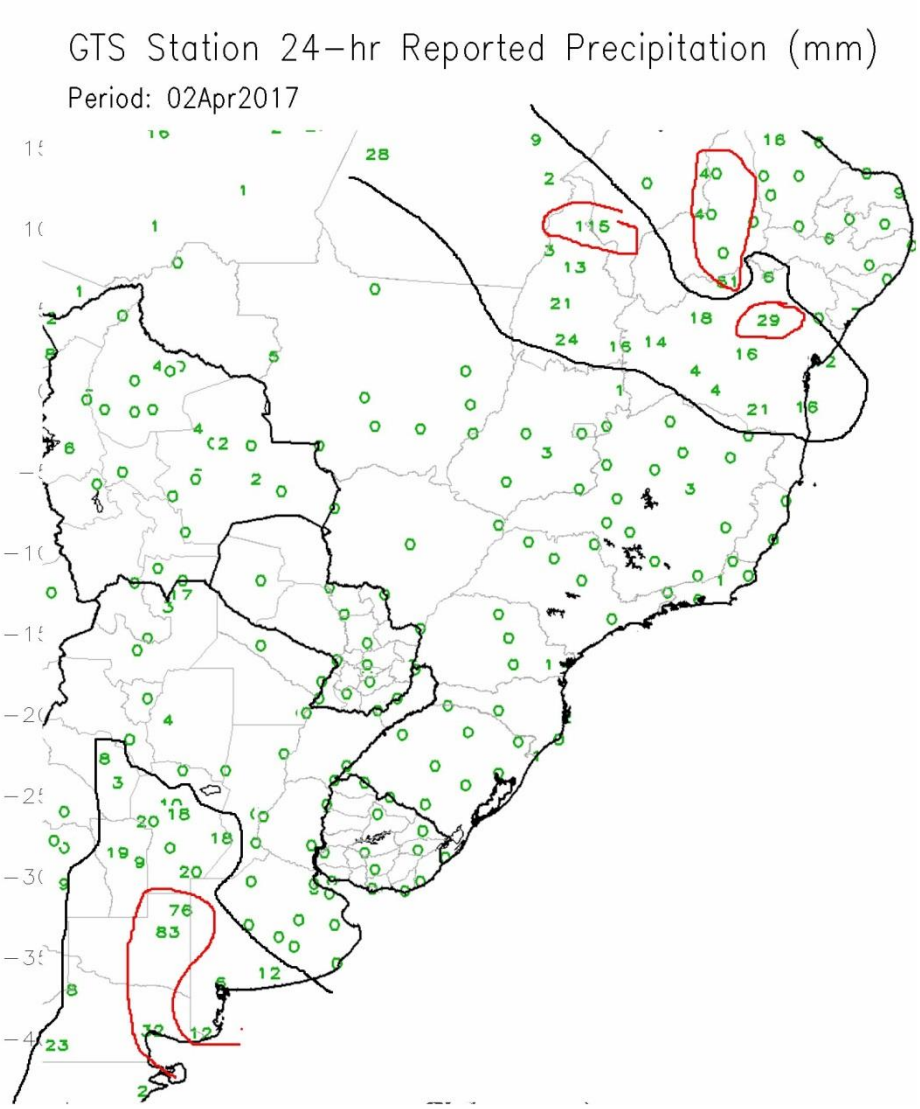
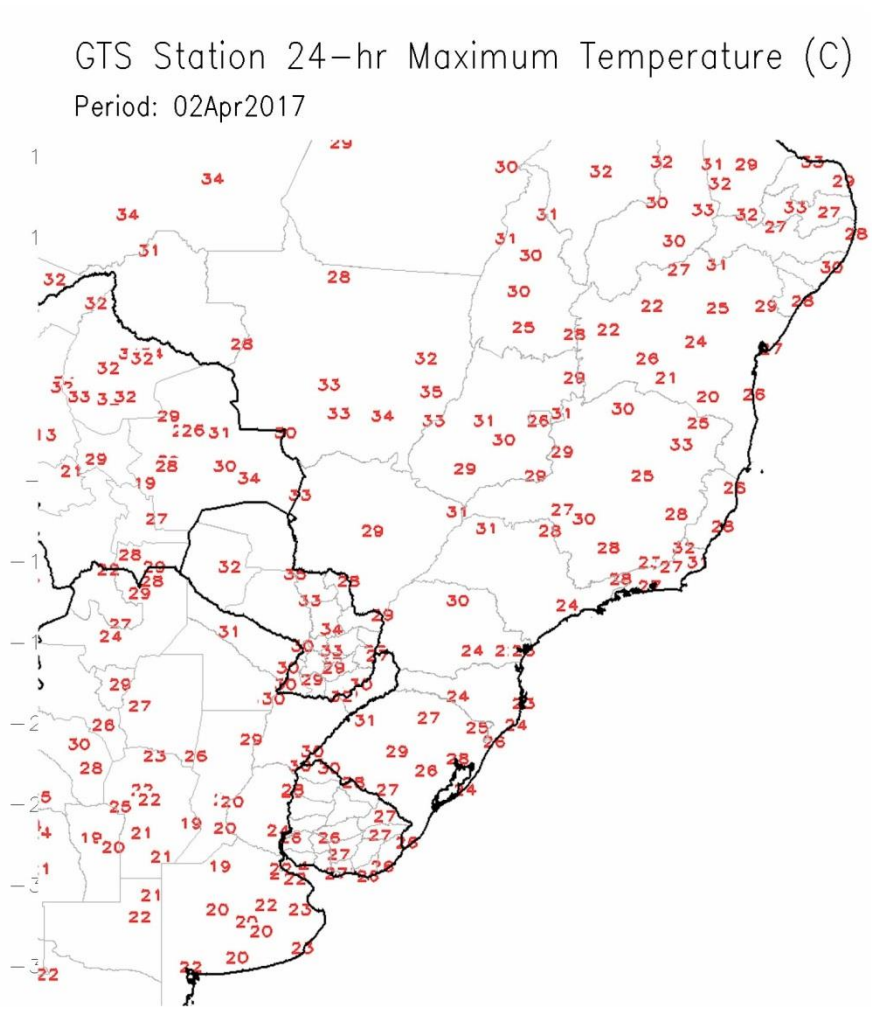
WxRisk.com Weather Forecasting For Traders, Investors, and Businesses

SOUTH AMERICA GRAIN WEATHER 4/4/17

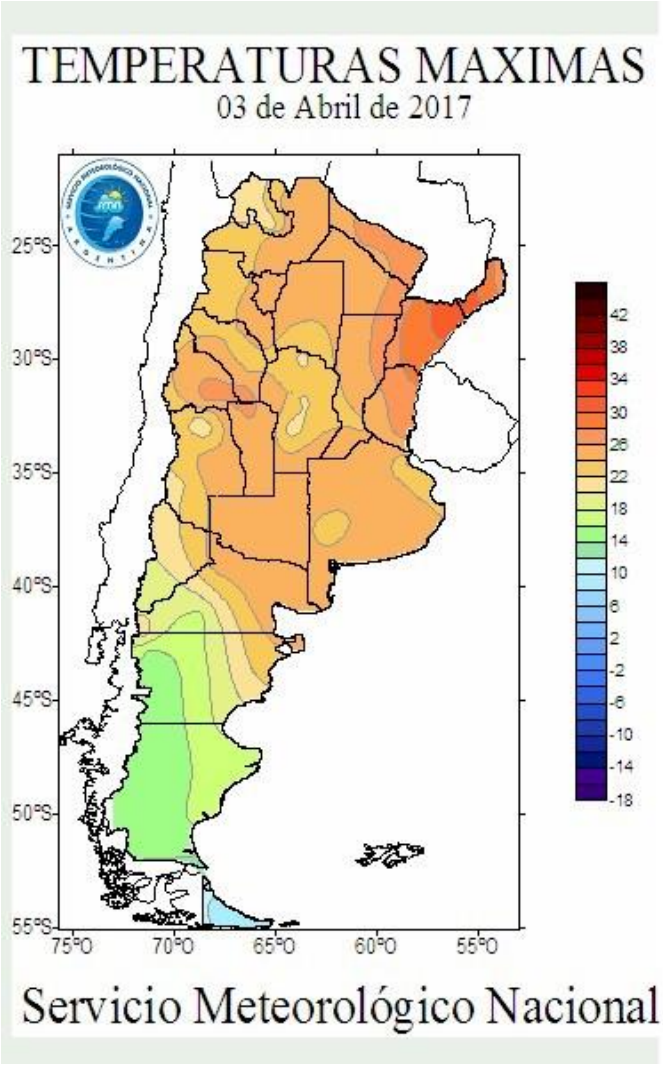
As we talked about last Friday the weather models are showing a significant interval of rain developing for much of central ...eastern ... and northern Argentina as well as a good portion of eastern Paraguay ... Uraguay and southeastern Brazil / RGDS. Surprisingly the European model is wetter than the GFS model and the European models also have more rain over a larger portion of central and eastern Argentina than the GFS model does. While this there is some similarity with this rain when compared to what happened last year at this time the KEY difference is that there does not appear to be a second major rain coming in behind this event. The rain event is completely over by day 910 and 11 to 15 day looks like a typical mid April weather pattern for all of Argentina and Southeast Brazil. Keep in mind that in 2016 there were several additional heavy rain events in late March and April that did damage two the soybeans in Argentina. These rains events were caused by the MJO moving in the wet phases for Argentina in march and April several times over the course of 45-60 days . Although it is possible the data may change at this point the data simply does not show any MJO activity and no additional major rain events coming into any portion of Argentina between April 10 - 30.

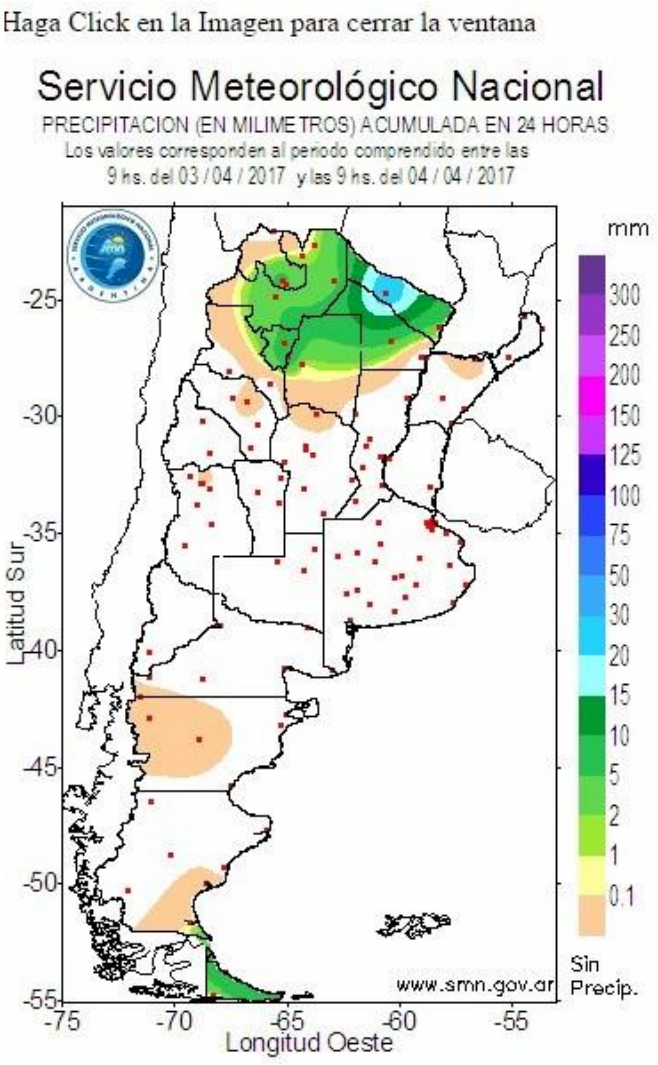
RAINFALL & TEMPS APRIL 2 - - Rainfall on the 2nd saw 1-3”25-75mm over 70% of Buenos Aires La Pampa Cordoba and San Luis. There was a 2nd are of moderate rain Northern Bahia Tocantins . Temps were above Normal over most of Brazil



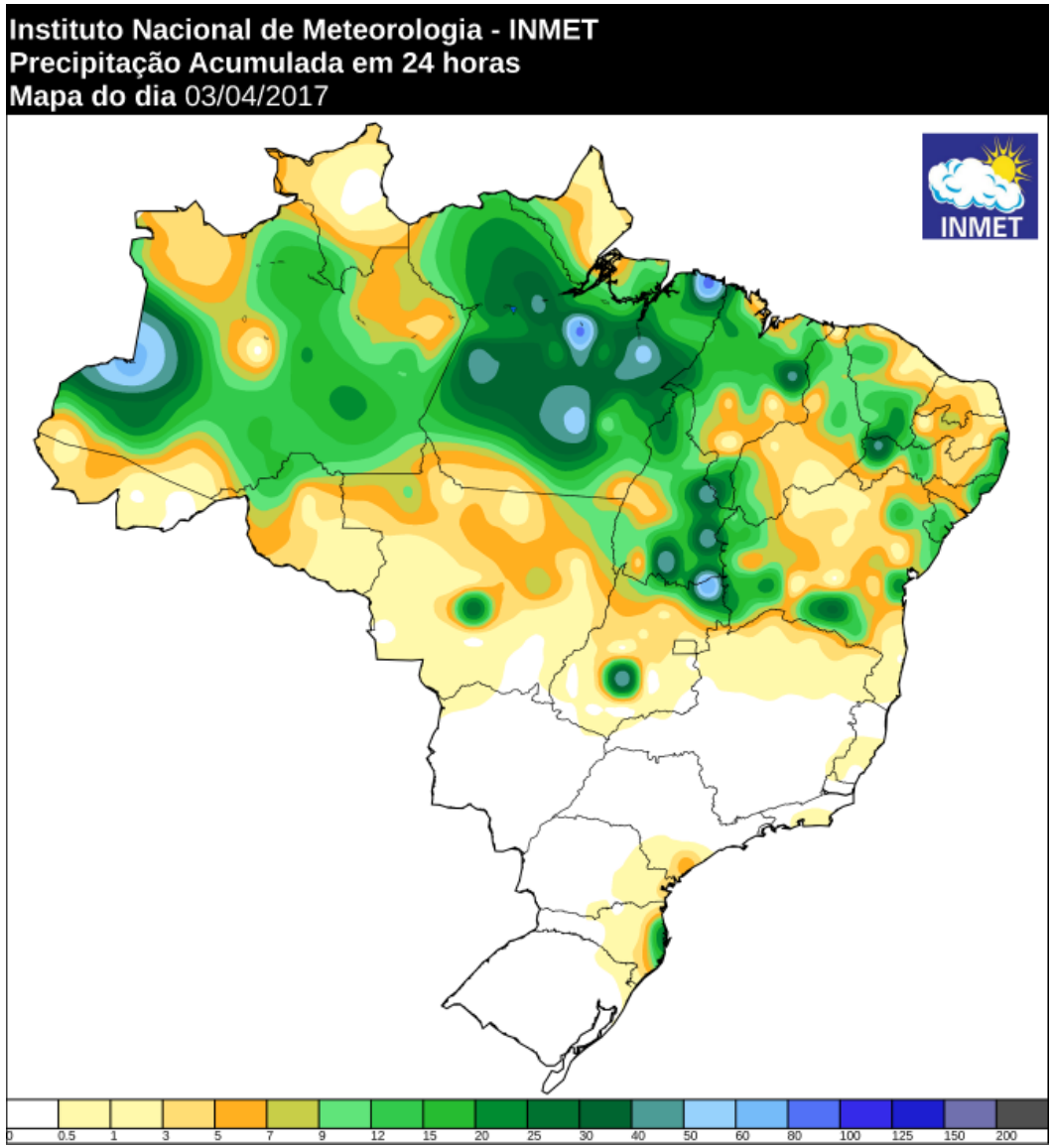


RAINFALL & TEMPS APRIL 3 FOR ARGENTINA - Rainfall of 0.25-1.0”/ 6-25mm with coverage 80% of Formosa and 70% of Chaco. All other areas were dry.



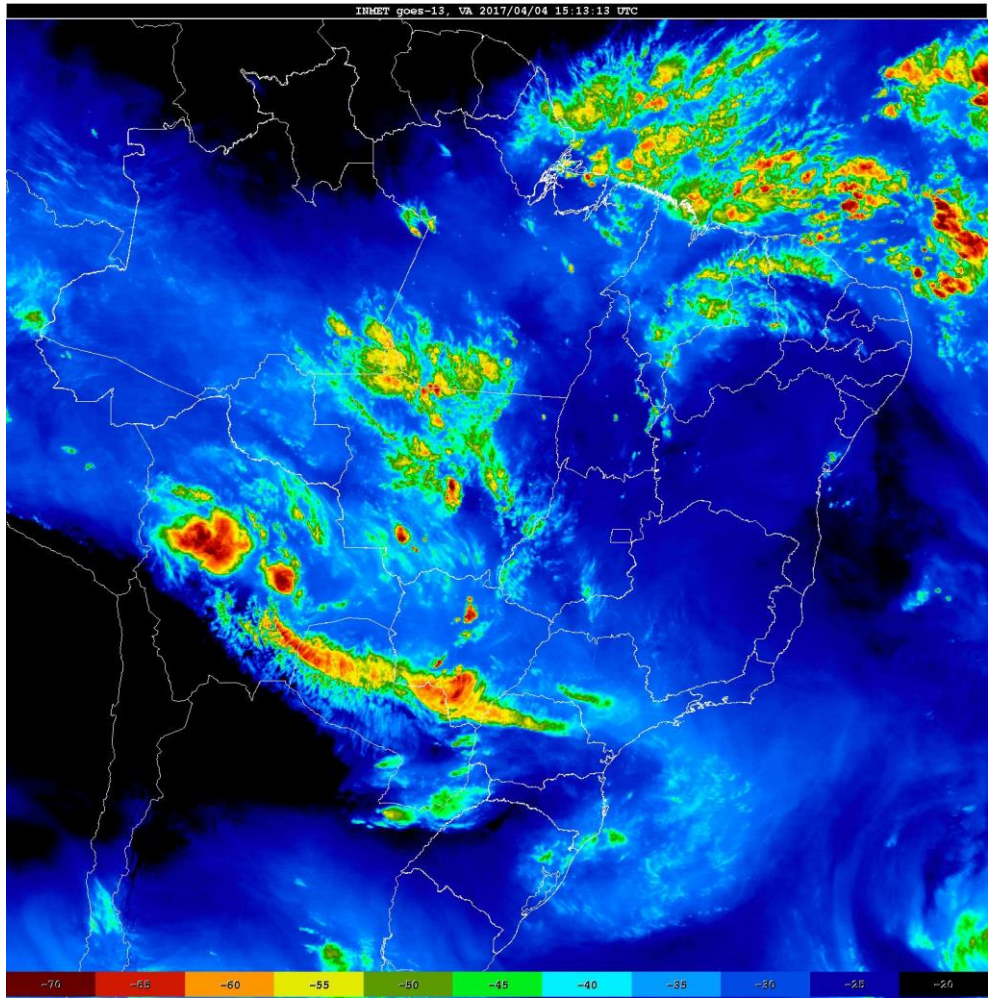


RAINFALL TEMPS TOTAL 24 HOURS OF APRIL 3-- All of southeast… southwest… central… east central Brazil was dry



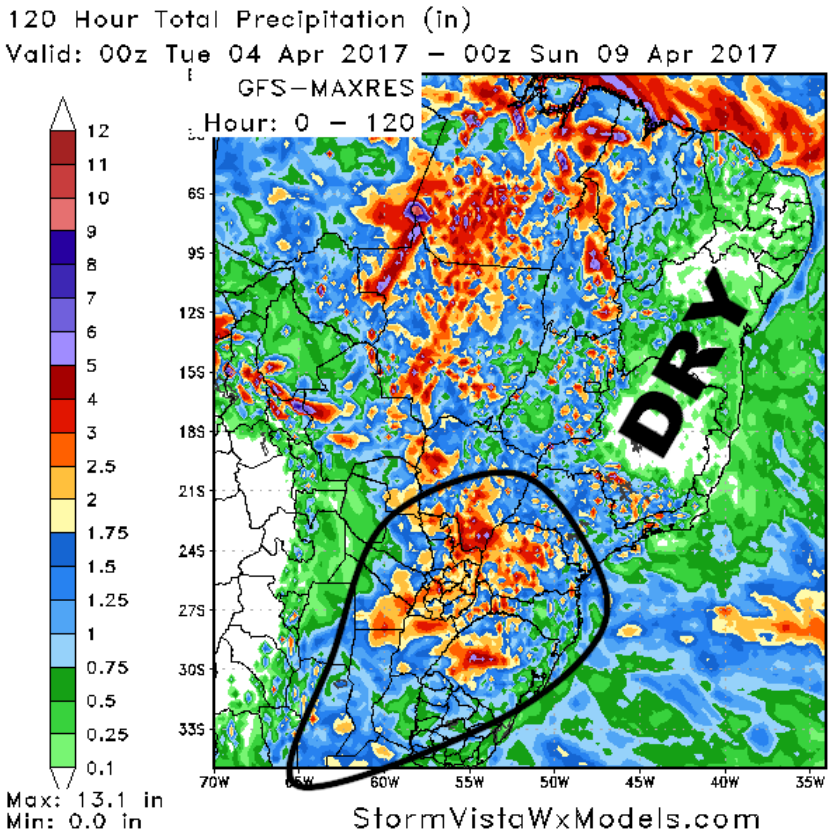
SATELLITE FROM MIDDAY TUESDAY

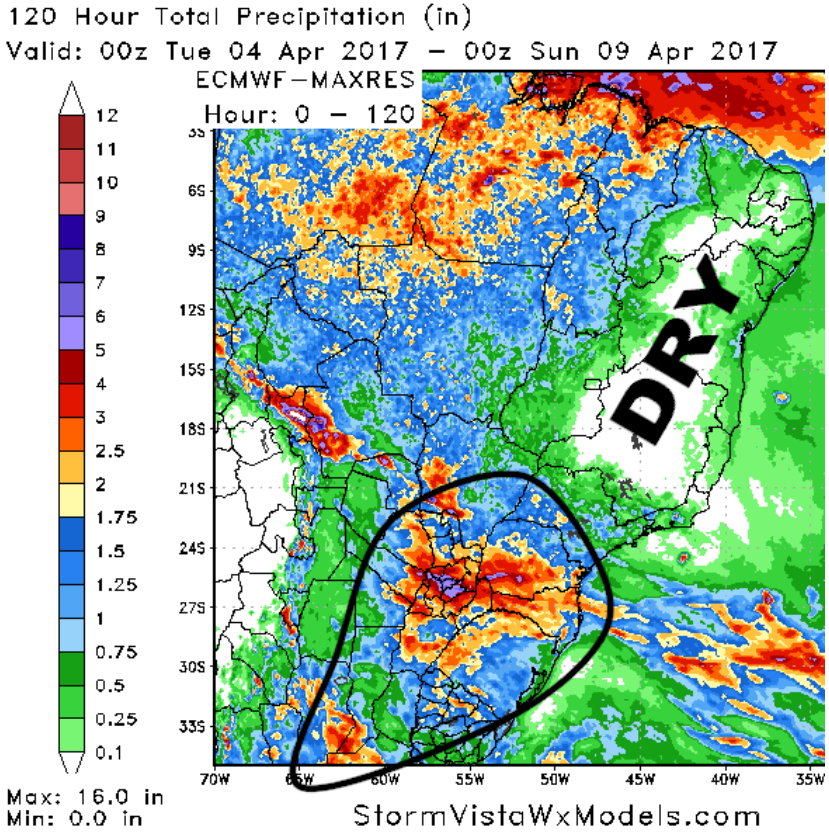
T Some storms over Buenos Aires.. but all of central eastern and northern Argentina was clear dry. There were storms over Paraguay into 50% of southern MGDS .. and 50% of Mato Grosso. .



NEXT 5 DAYS

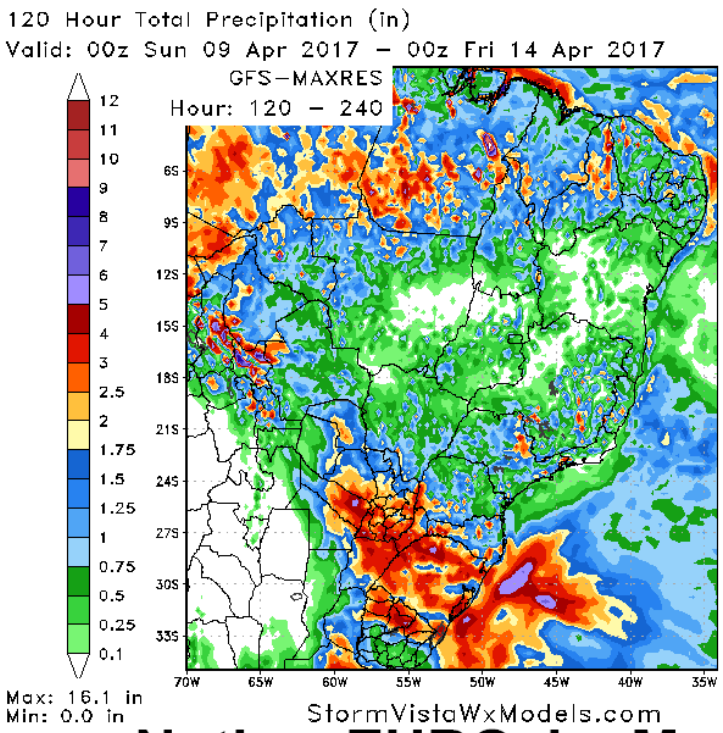
the weather models here on a fairly good agreement all the next five days. The European has heavy rain with somewhat better coverage over northeast Argentina ...eastern Paraguay and the western portions of Parana and Santa Catarina. But the differences are not that significant. Both of the models have moderate to significant rains over 50% of central eastern and South Central Argentina and both models show cluster of heavy rains and storms over the eastern portions of Cordoba into La Pampa.

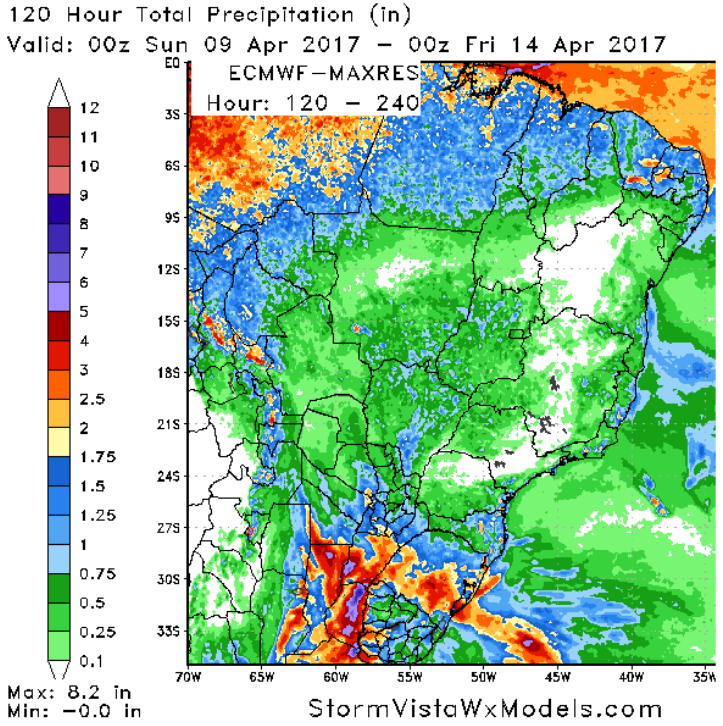




6-10 DAY

Here there are some differences. Notice that the GFS model has heavy rain ranging from 2-5" /h 50-125mm over Eastern Paraguay all of southeastern Brazil and into the northern portions of Corrientes. But the GFS model does not have significant or heavy rains over any portion of Santa Fe Cordoba and Buenos Aires... while the European model shows heavy rain with much higher coverage over these areas of Argentina





Notice EURO hs More rain with Higher % coverage over central / eastern ARG

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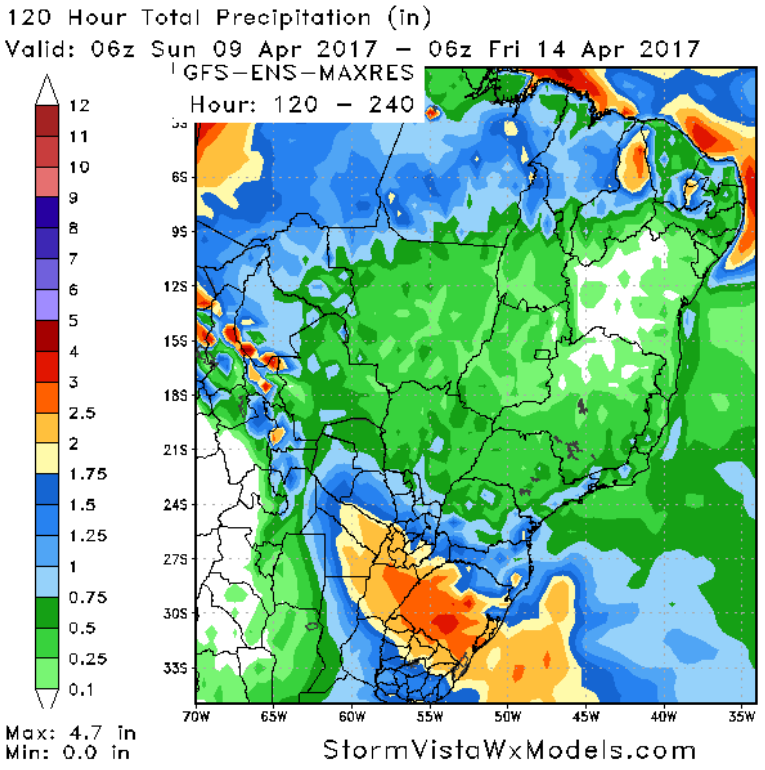
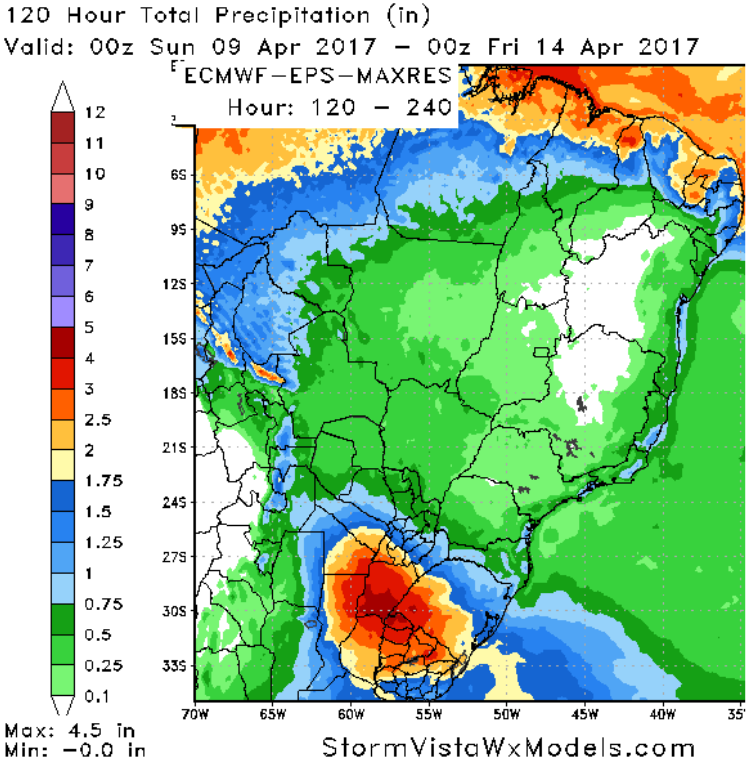
Since the operational or regular GFS model does not agree with the European one of things we can do is compare the operational models to their respective ensembles. When we do that we see that the GFS th the ensemble is significantly wetter than the operational model and a much closer in agreement with the European and the European ensemble. Up in fact it is typically the case that the GFS ensemble that usually wetter than the European ensemble. The fact that this time around is the European ensemble model which is significantly wetter over Argentina than the GFS ensemble should not be overlooked.

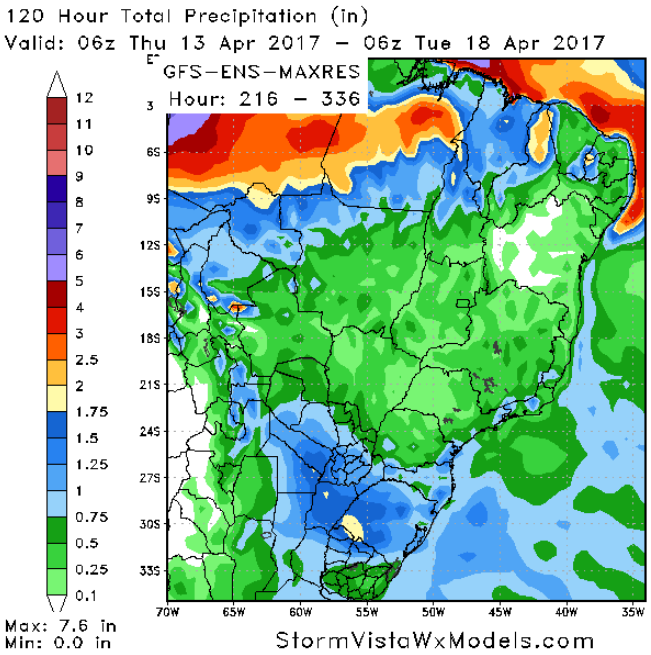


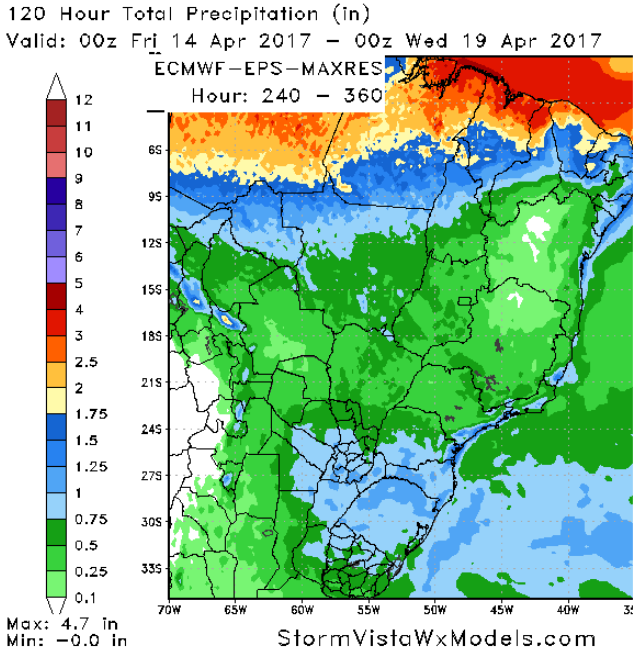


With the GFS/ EURO ensembles we see the same thing. Euro is wetter with higher amounts and % coverage than the GFS ensembles

11 -15 DAY

The super heavy rains over portions of Argentina and RGDS in Southeast Brazil clearly come to an end 11 to 15 day on the European and the GFS models. That being said it should be pointed out that the models do not keep Argentina 100% dry. These models shows seasonal moderate rain over this five day interval ranging from 0.50-1.5"/12-38mm with 50-60% coverage.





Both models end the super heavy rains over central eastrn ARG into se Brazil-- but ARG is not 100% dry either.

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