

Weather Forecasting For Traders, Investors, and Businesses

US GRAIN WEATHER ISSUES

as of FRIDAY 1 SEPT 2017



LOCATED in Richmond VA

Featured frequently on AGRI-MONEY

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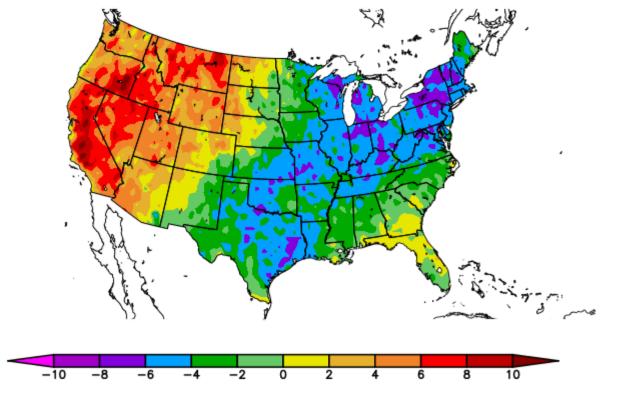


Who we are

WxRisk is a private, subscription, Weather Forecasting Company. Founded in 1998, the company specializes in providing the most detailed and accurate weather forecasts for Days 3 through 30, as well as seasonal forecasts, for Grain Traders , Farmers, Energy Traders, Construction companies, Oil and Heat associations, Wineries and other businesses impacted by weather. Geographic areas covered include, but are not limited to: The Middle Atlantic region of the U.S., all of the Continental U.S., South America, Europe, Ukraine/Southern and western Russia, Kazakhstan, India, Australia & China. Current and previous clients include large and mid-size commodity trading houses, energy firms, gas and propane companies, ski resorts, individual farmers and business involved in providing transportation and construction services thought the world.

TEMP ANOMALIES LAST 7 DAYS.. Now much cooler

Departure from Normal Temperature (F) 8/24/2017 - 8/30/2017



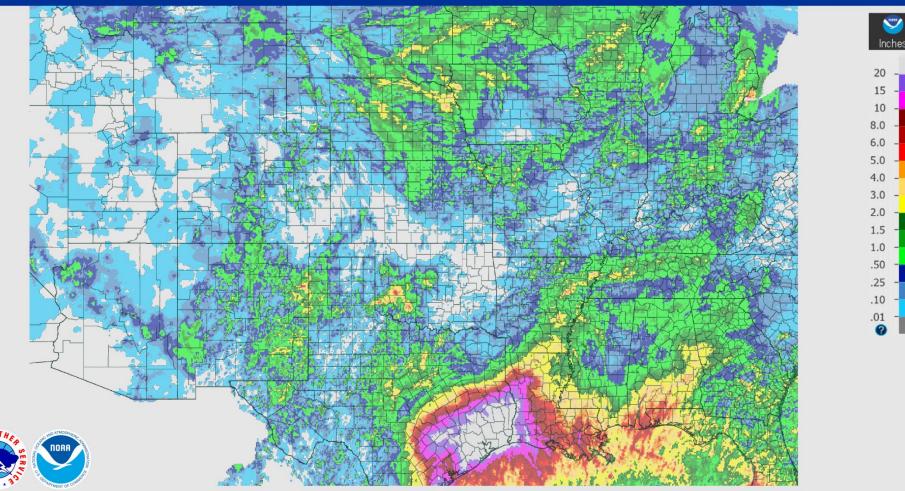
Generated 8/31/2017 at HPRCC using provisional data.

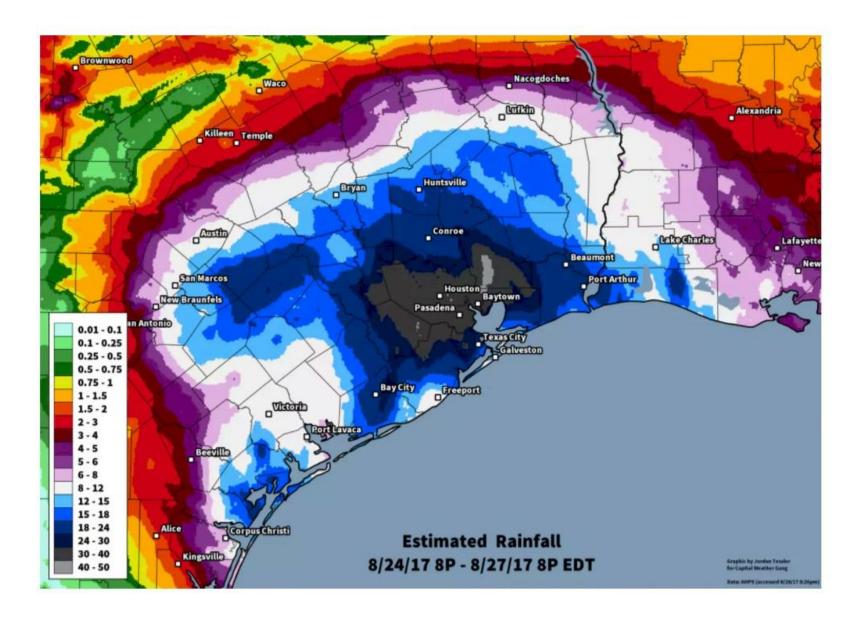
NOAA Regional Climate Centers

RAINFALL PAST 7 DAYS—

August 31, 2017 7-Day Observed Precipitation Created on: September 01, 2017 - 06:29 UTC

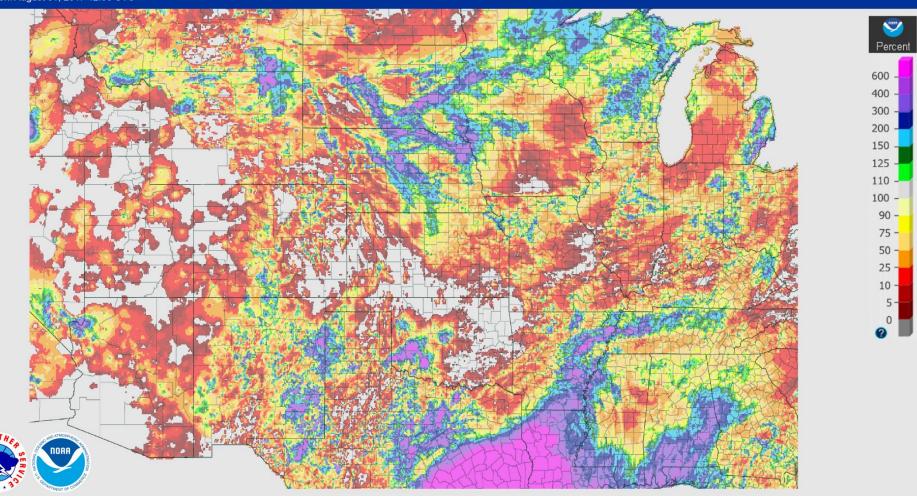
Valid on: August 31, 2017 12:00 UTC

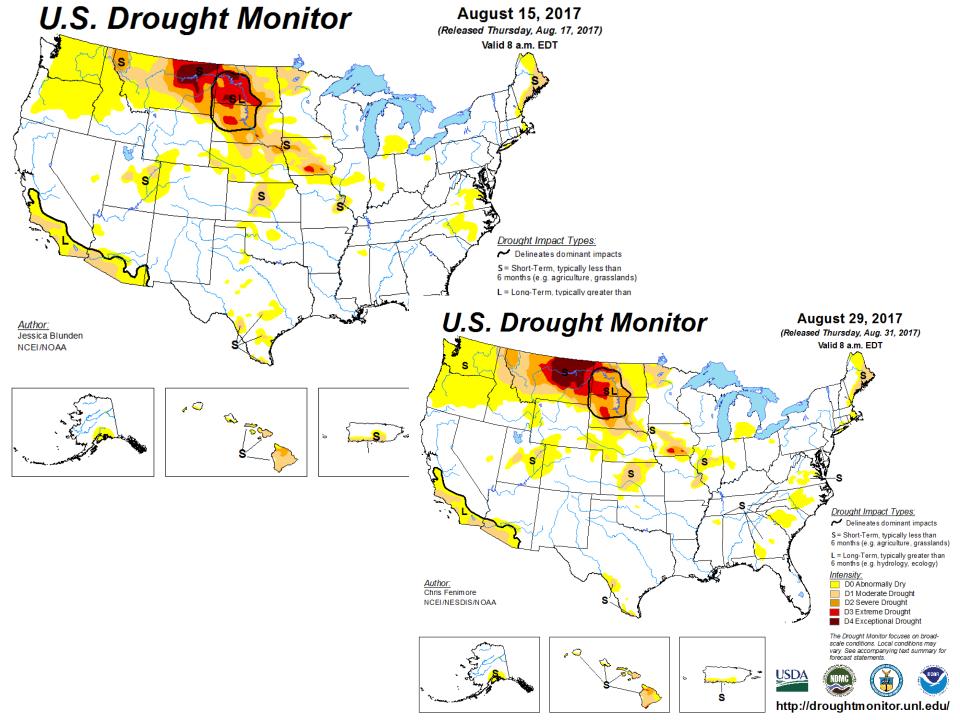




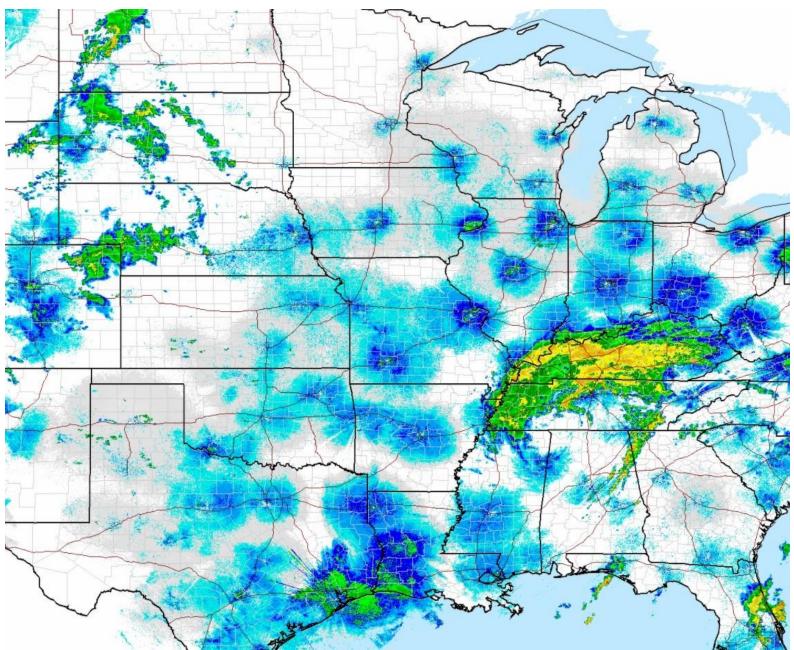
PRECIP ANOMALIES PAST 7D-

August 31, 2017 7-Day Percent Precipitation Created on: September 01, 2017 - 12:21 UTC Valid on: August 31, 2017 12:00 UTC

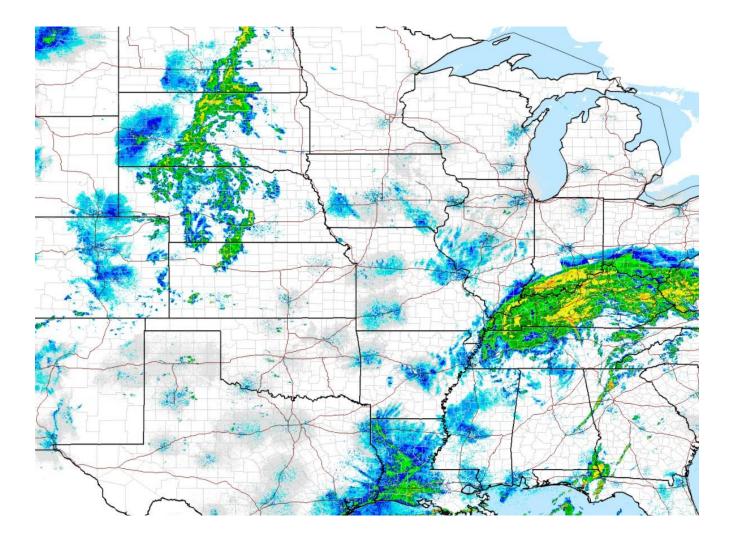




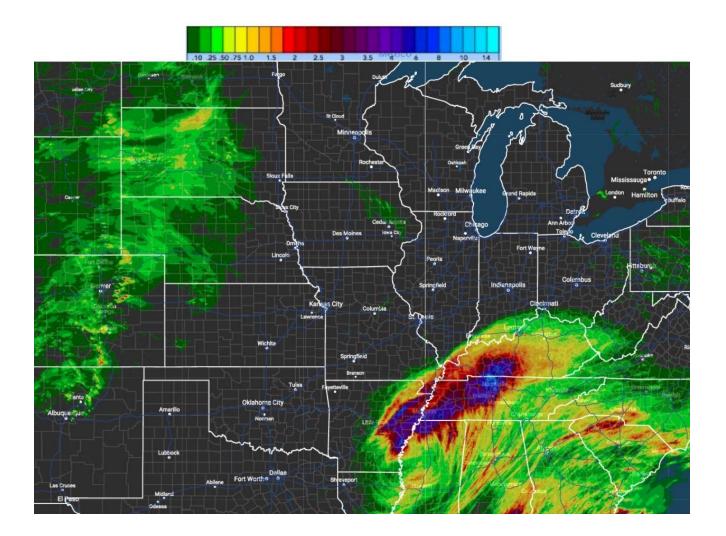
RADAR 12 AM FRIDAY

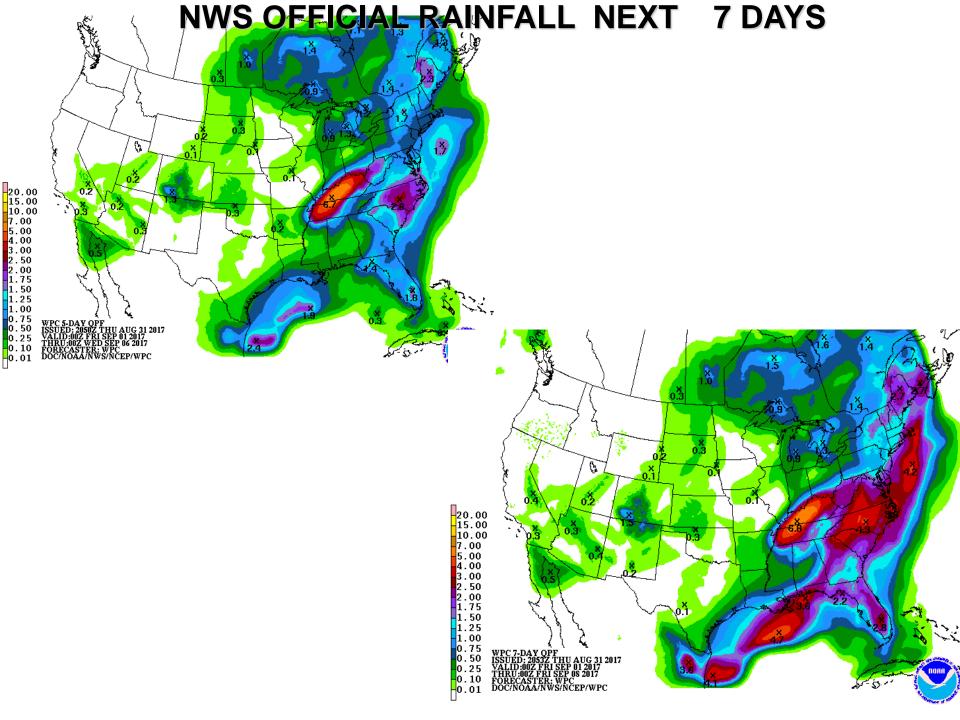


RADAR 7AM CDT FRIDAY

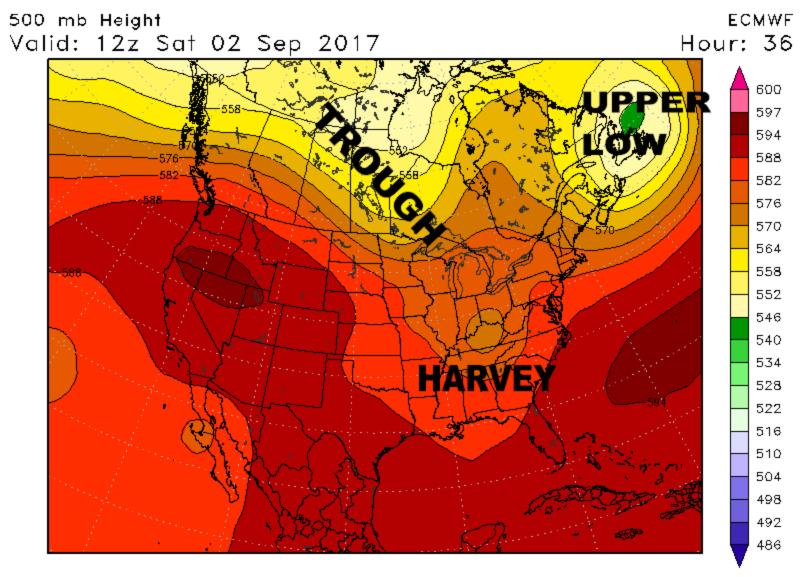


RAINFALL AS OF SEPT 1- Harvey still dropping heavy rains over ne ARK nw MS... western/ central TN... southern KY





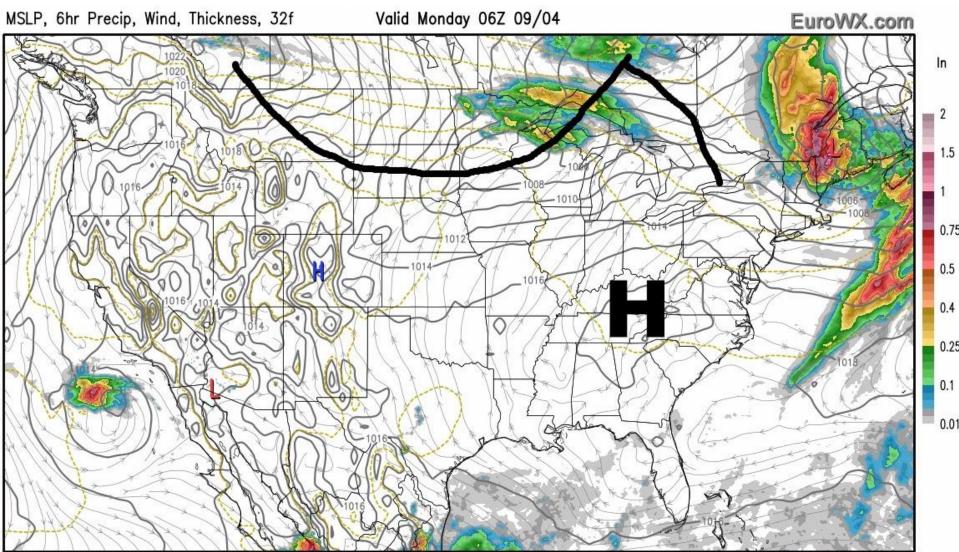
500mb map sept 1



StormVistaWxModels.com

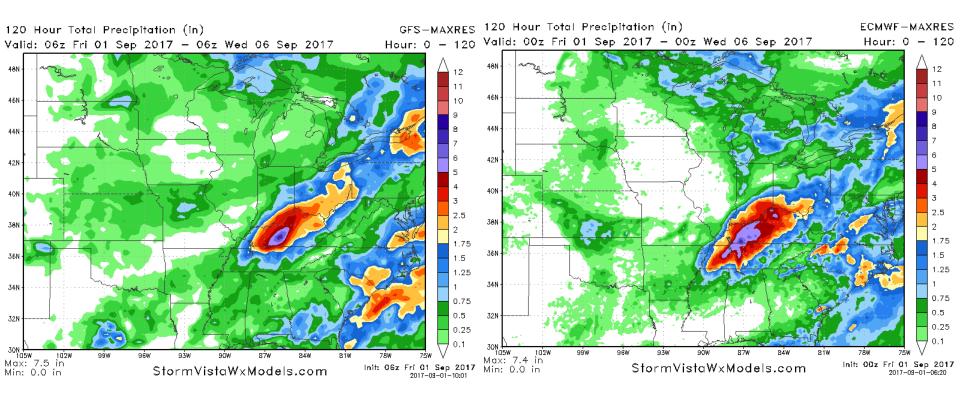
Init: 00z Fri 01 Sep 2017 2017-09-01-01:56

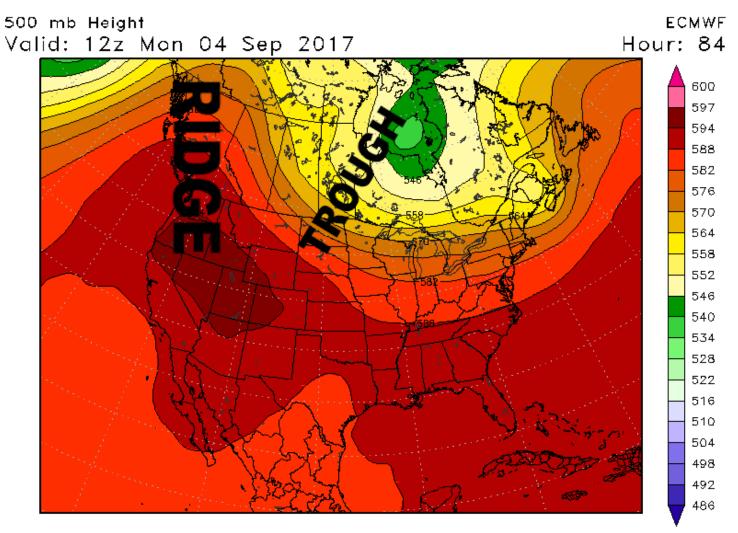
SURFACE map Sunday



ECMWF HRES MODEL RUN 00Z 09/01 78hr FORECAST This service is based on data and products of the European Center for Medium-range Weather Forecasts.

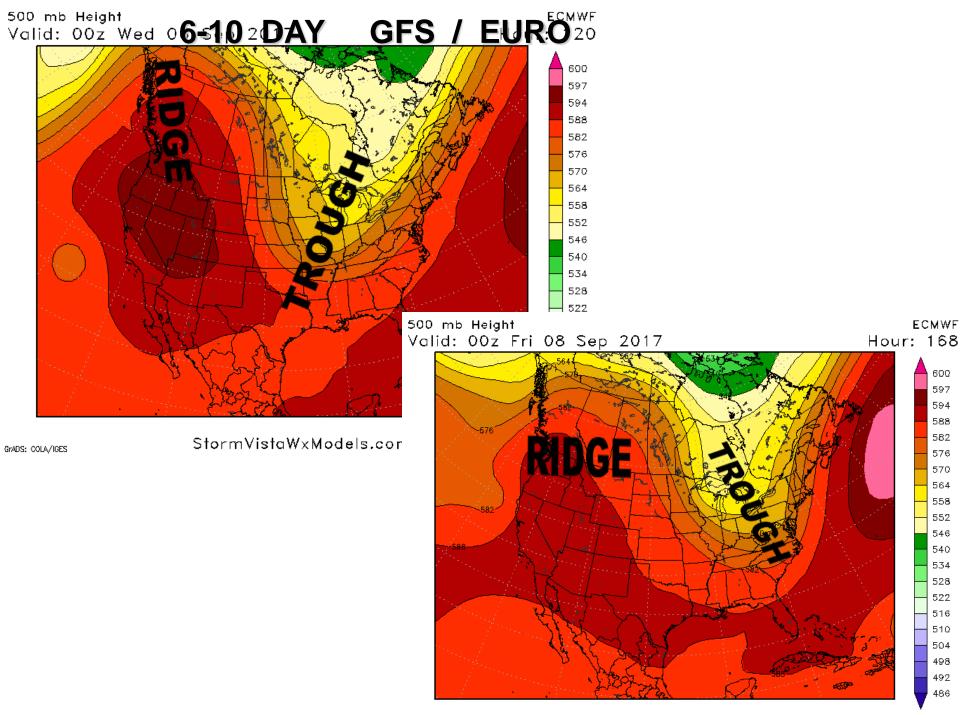
NEXT 5 DAYS GFS LEFT EURO RIGHT





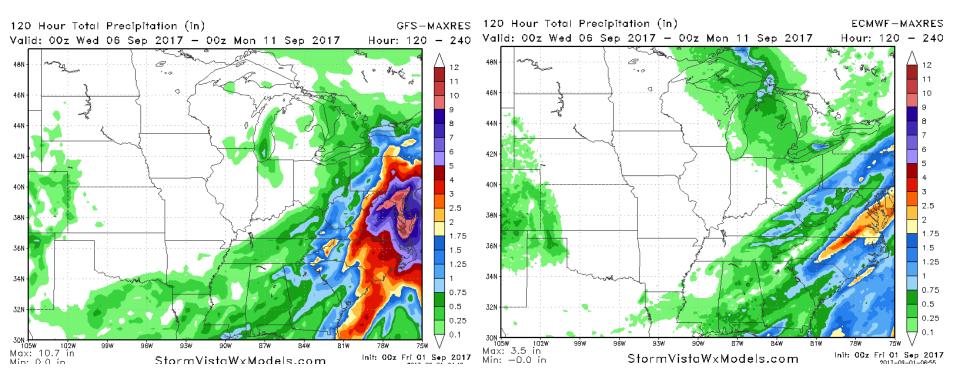
StormVistaWxModels.com

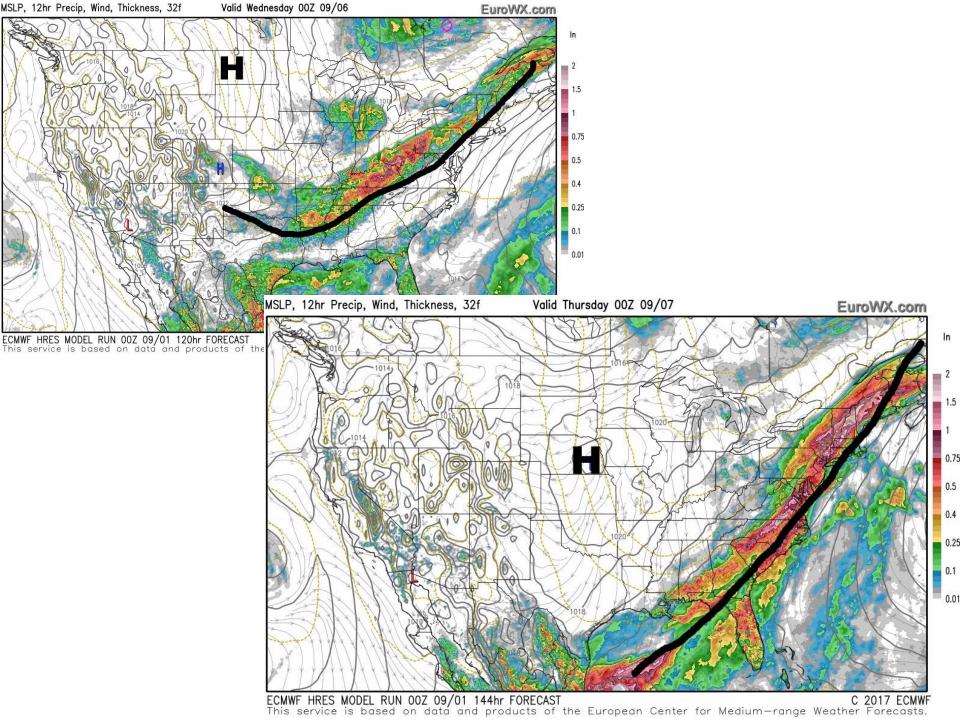
Init: 00z Fri 01 Sep 2017 2017-09-01-02:10



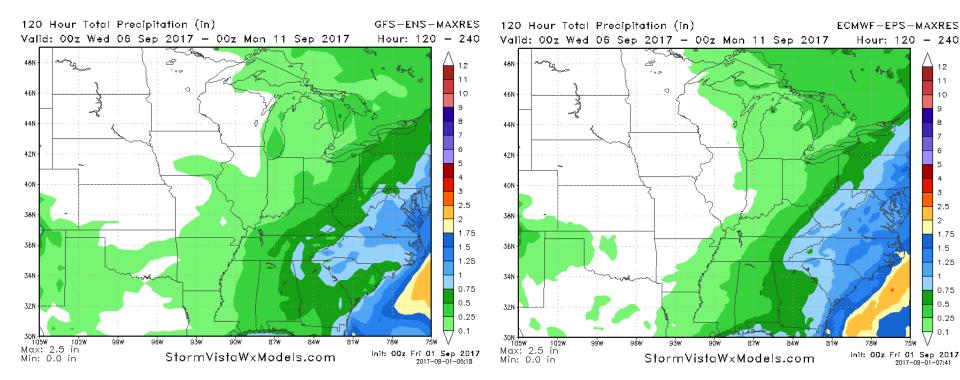
00- Er! 01 Enn 2011

6-10 DAY RAINFALL ... PLAINS/ MIDWEST DRY... GFS super heavy rains over NC VA MD DEL as GFS take IRMA into east coast. EURO has IRMA Well off the coast so its drier..

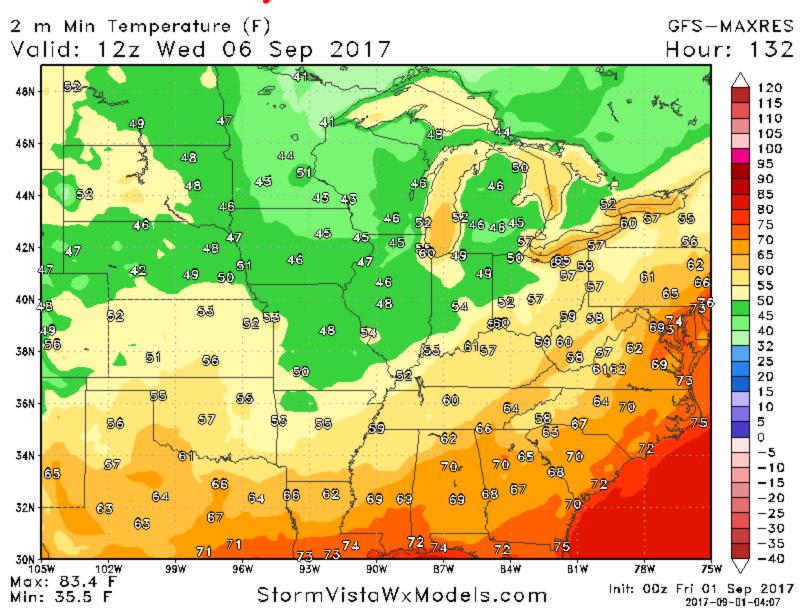




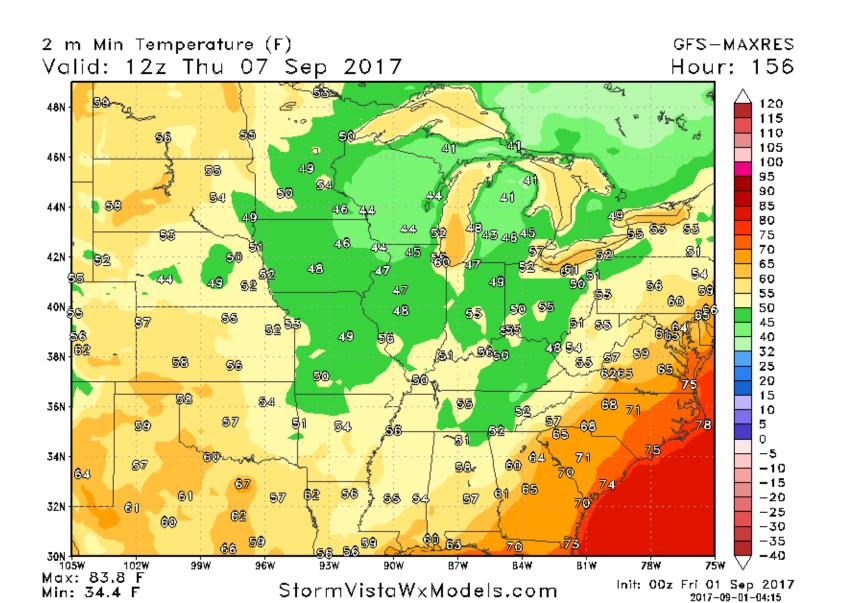
6-10 DAY ENSEMBLES – again DRY all over Plains and Midwest Mostly dry over Delta



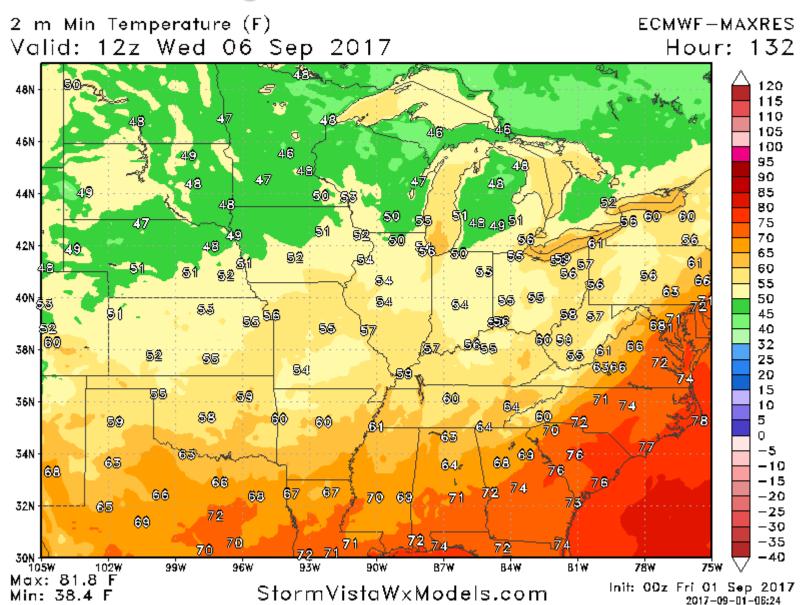
OZ GFS MIN TEMPS FORECAST FOR SEPT 6.. GFS shows cold air to be weaker and weaker with each model run. Note only 30s over ne third of MN



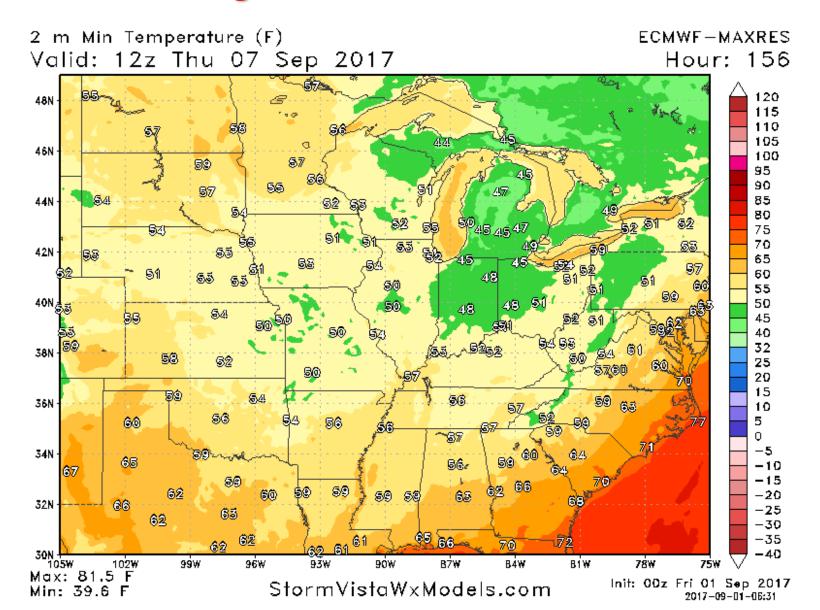
0Z GFS MIN TEMPS FORECAST FOR SEPT 7.. GFS shows cold air to be weaker and weaker with each model run.



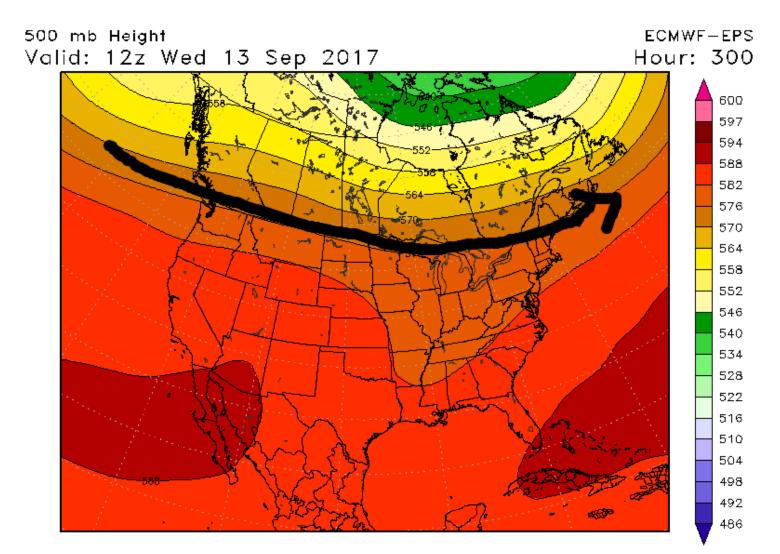
0Z EURO MIN TEMPS FORECAST FOR SEPT 6.. 40s only - no readings in 30s.. Clearly GFS is trending towards euro



0Z EURO MIN TEMPS FORECAST FOR SEPT 7.. 40s only - no readings in 30s.. Clearly GFS is trending towards euro



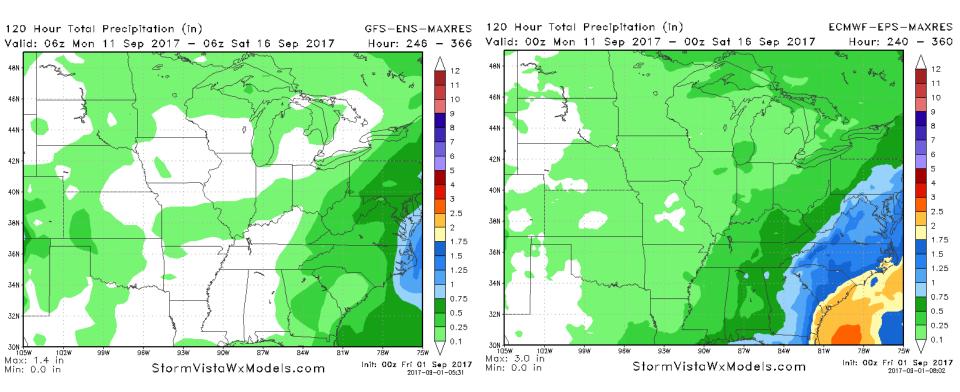
500 mb map shows zonal flow ... no cold air outbreaks ... no troughs rather dry



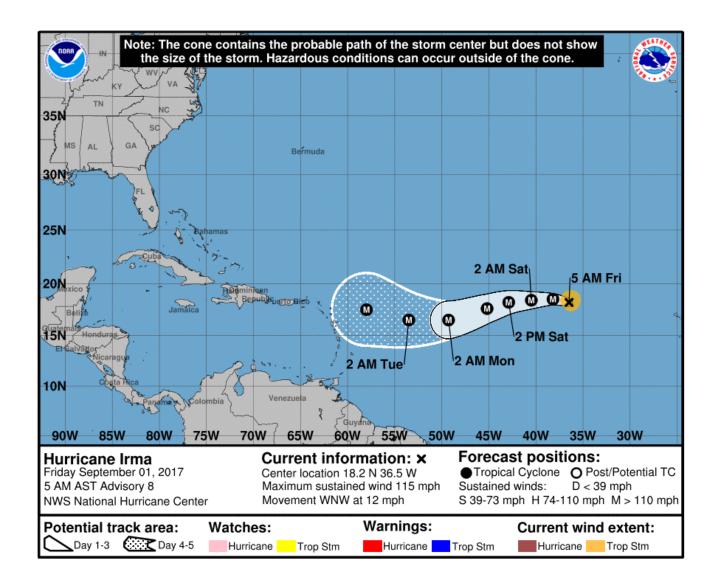
StormVistaWxModels.com

Init: 00z Fri 01 Sep 2017 2017-09-01-03:50

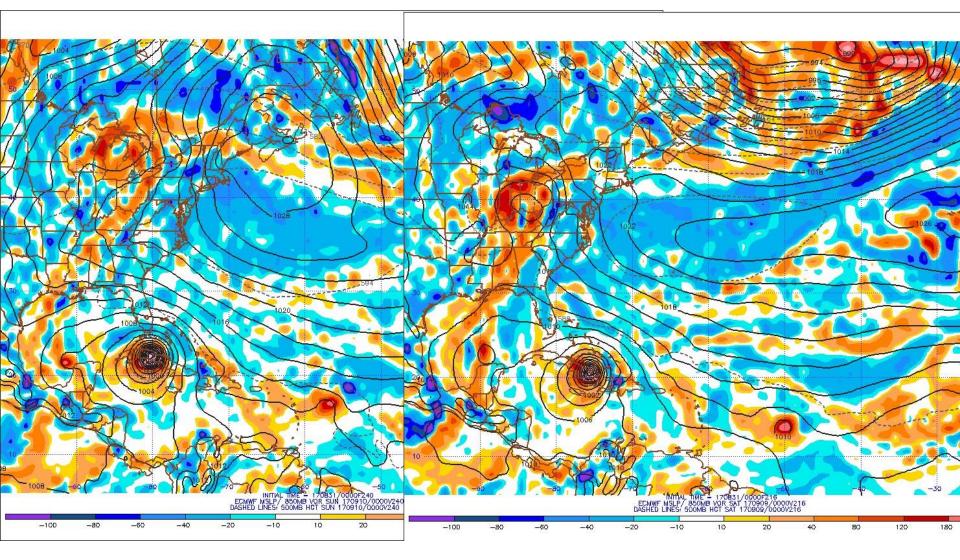
11-15 DAY ENSEMBLES GFS RAINFALL LEFT EURO RIGHT ... all areas DRY



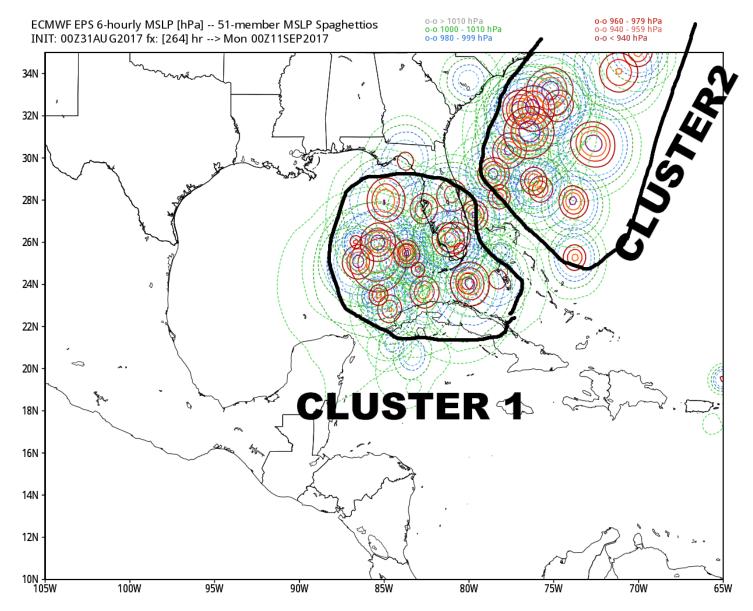
IRMA now category 4 Hurricane heads towards Leeward island / Puerto Rico Sept 5-6



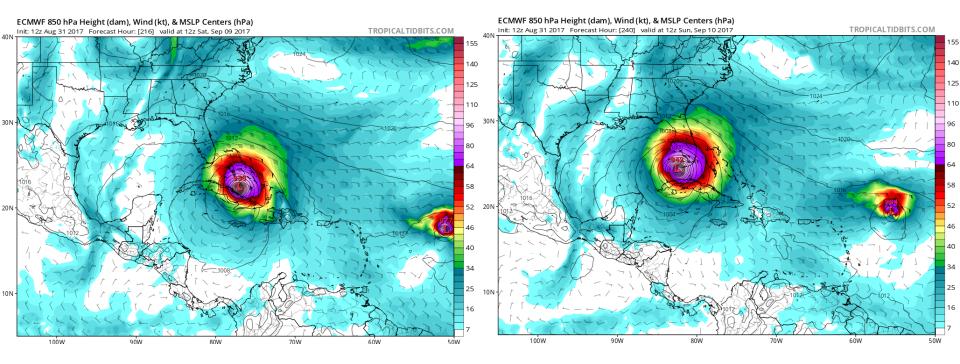
THURS EURO had IRMA tracking over Hispaniola and Cuba into FL striats and se Gulf



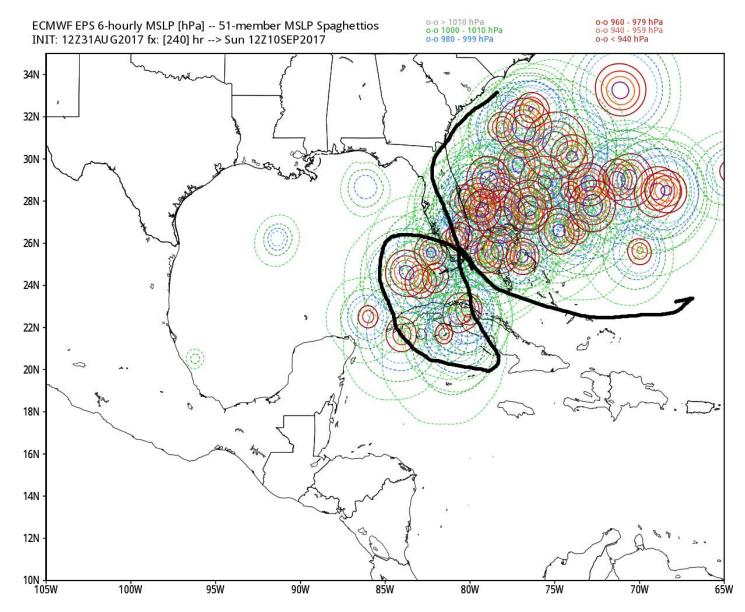
THURS AM EURO ENSEMBLE = favored 2 clusters of tracks -- 1 over FL/se Gulf and 2^{nd} off the se US coast



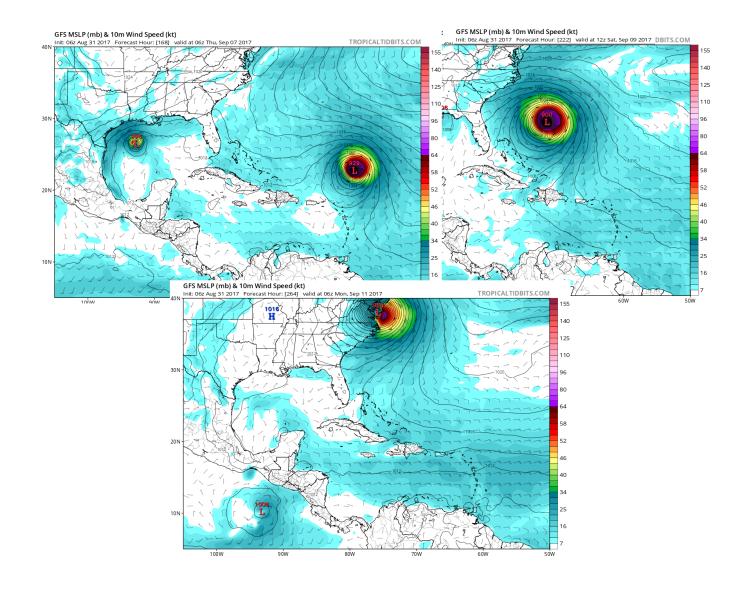
THURS PM EURO again favored Cuba FL straits into se corner of the Gulf.



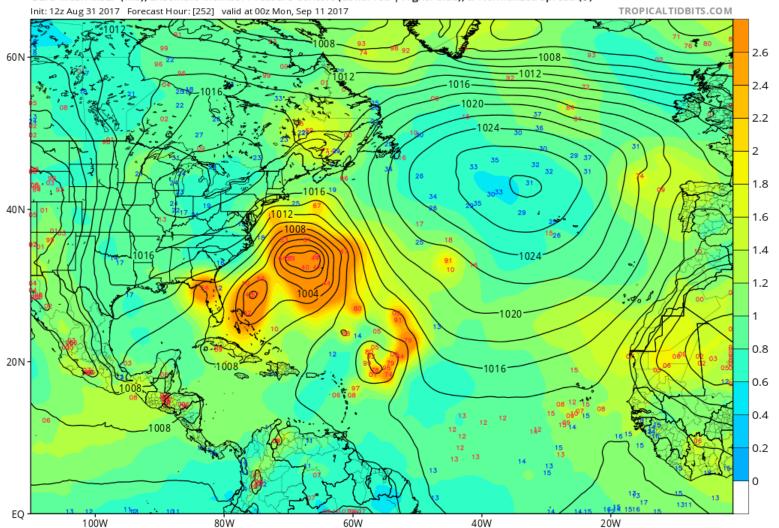
THURS AFTERNOON EURO ENSEMBLE clearly shifted tracks to favoring Bahamas se US coast



GFS Models all days Thursday showed severe Hurricane into NV VA ND... worst Hurricane ever ! SOLUTION is absurd

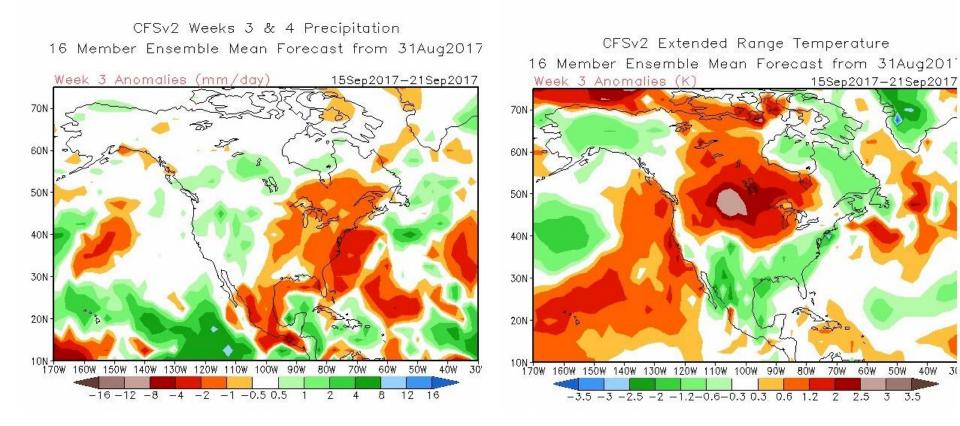


THURS GFS ensemble were MUCH further east and away from the coast

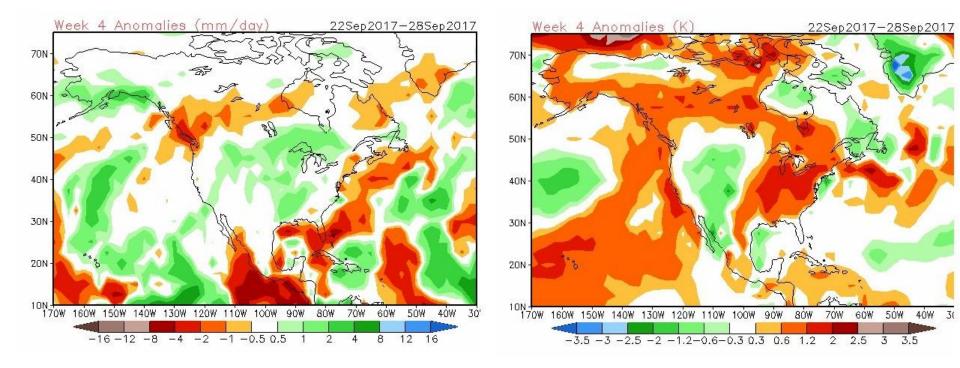


GEFS Mean MSLP (mb), Ensemble Member Pressure Centers (Lows: red | Highs: blue), & Normalized Spread (*o*)

AUG 31 WEEK 3 CFS below Normal rainfall over Midwest Deep South East Coast and Much above normal temps ECB/ Upper Plains and south central Canada

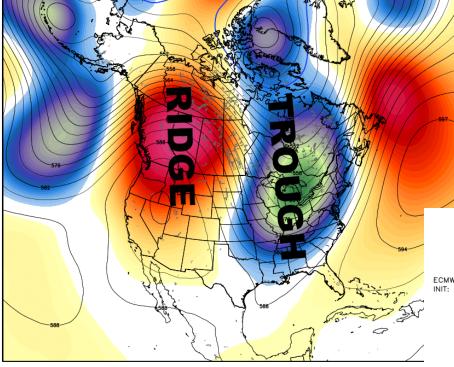


WEEK 4 CFS ABOVE normal rains -wetter than Normal over Canadian Prairies & WCB/ Delta ... TEMPS still above normal



AUG 31 EURO WEEKLIES 500 mb map valid 9/7

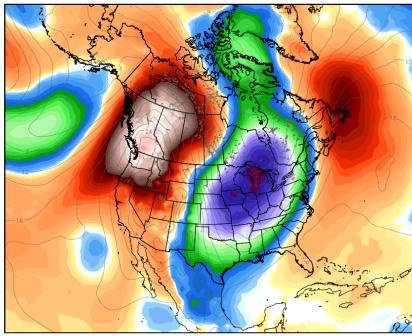
INIT: 00Z31AUG2017 fx: [168] hr --> Thu 00Z07SEP2017 Min|Max: -190.5 | 194.4 m



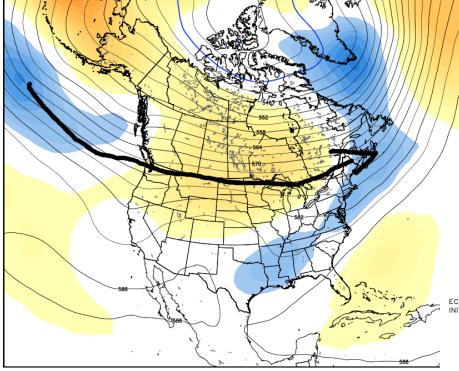
25 15 -10 -20 -30 -40 -50

if this was 9/20 these temp anomalies would support FROST

ECMWF EPS Monthly Ensemble Mean 850 hPa Temperature Anomaly [°C] & Anomaly INIT: 00Z31AUG2017 fx: [168] hr --> Thu 00Z07SEP2017 Min|Max: -11.2 | 14.3 °C



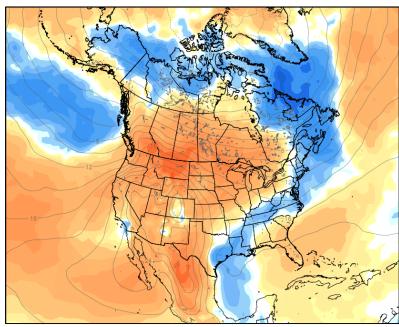
ECMWF EPS Monthly Ensemble Mean 500 hPa Geopotential Height [dm] & Anomaly [m]INIT: 00Z31AUG2017 fx: [360] hr --> Fri 00Z15SEP2017Min|Max: -41.5 | 91.1 m



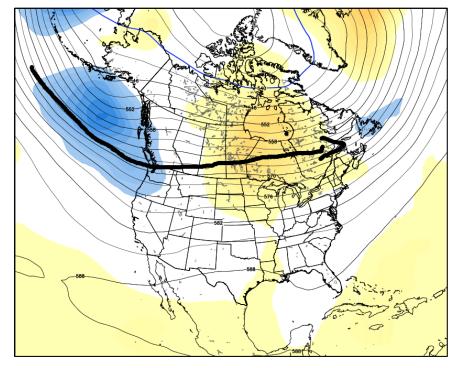
EURO weeklies show zonal flow over N. America --west to east direction – rest of Sept

ECMWF EPS Monthly Ensemble Mean 850 hPa Temperature Anomaly [°C] & Anomaly NIT: 00Z31AUG2017 fx: [360] hr --> Fri 00Z15SEP2017 Min|Max: -2.4 | 3.8 °C

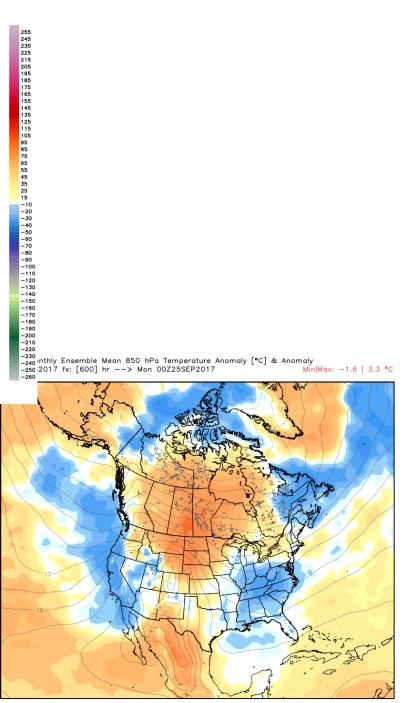
15 -10 -20 -30 -40 -50 -60 -70 -80 -90 -100 -110 -120 -130 -140 -150 -160



ECMWF EPS Monthly Ensemble Mean 500 hPa Geopotential Height [dm] & Anomaly [m] INIT: 00Z31AUG2017 fx: [600] hr --> Mon 00Z25SEP2017 Min|Max: -63.2 | 58.1 m

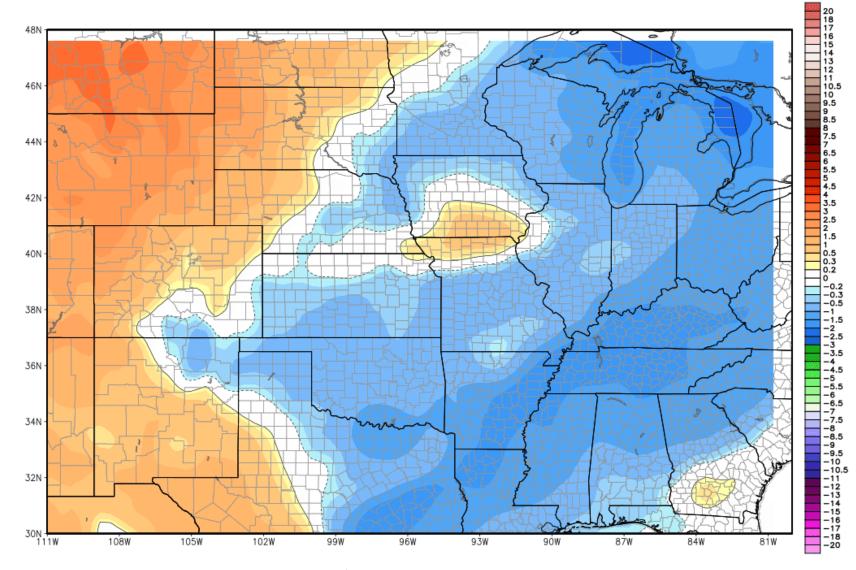






TEMPS OVER NEXT 32 DAYS ... slightly below Normal temps over Plains / Midwest/ Deep South ECMWF EPS Ensemble Mean 32-day Avg 2m Temperature Anomaly [°C]

Min|Max: -2.5° | 3.7°C Init: 00Z31AUG2017 -- [768] hr --> Valid on Mon 00Z020CT2017 Day 0 - Day 32



Average between 00Z31AUG2017-00Z020CT2017 | ECMWF EPS 1996-2015 Hindcast Climatology

VERY DRY over next 30 days over Plains WCB and part of ECB

ECMWF EPS Ensemble Mean 32-day Avg Precipitation Anomaly [inch] Min|Max Anom: -2.7 | 4.5 inch Init: 00Z31AUG2017 -- [768] hr --> Valid on Mon 00Z020CT2017 Day 0 - Day 32 10 48N 46N 44N 2.5 2 1.5 42N 0.6 0.4 40N 0.2 -0.2 38N -0.4 -0.6 -1 36N · -1.5-2 -2.5 34N -3 -5 32N -6 -8

93W

9ÓW

-10

81W

84W

87W

Accumulation between 00Z31AUG2017-00Z020CT2017 | ECMWF EPS 1996-2015 Hindcast Climatology

96W

99M

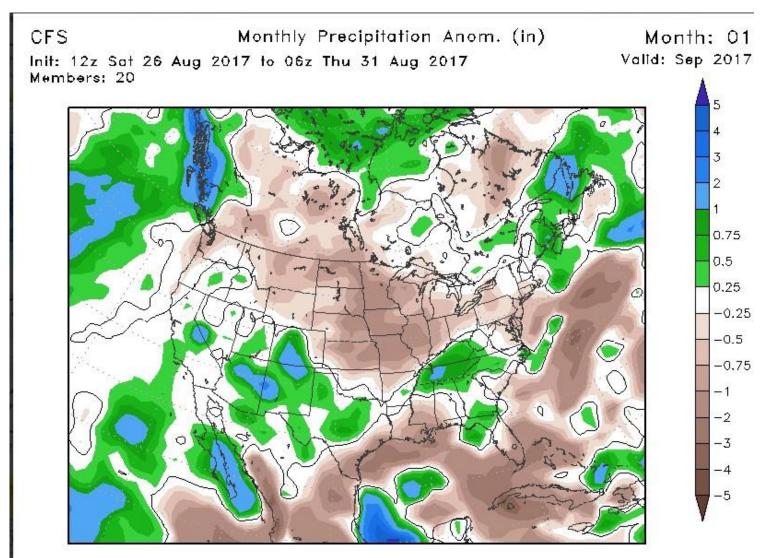
30N -

108W

105W

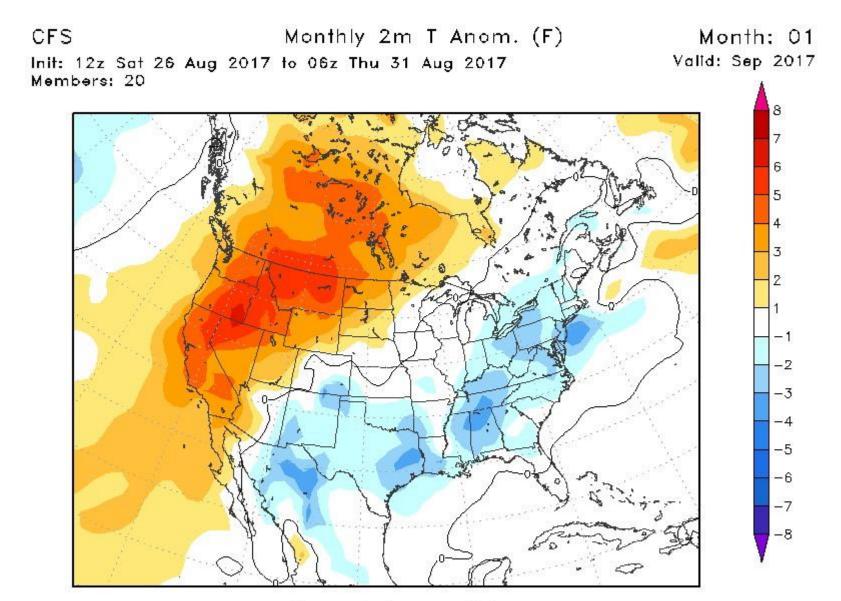
102W

CFS FOR SEPT RAINFALL-- large area of Below Normal rainfall over Plains/ Midwest & southern Canada Prairies



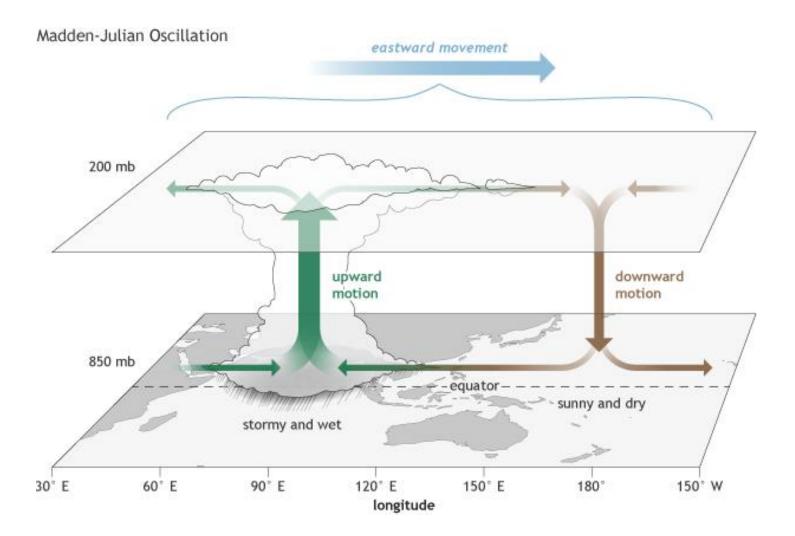
Stormvistawxmodels.com

WEEK 4 CFS TEMPS - WARM over Canadian Prairies near normal all other areas

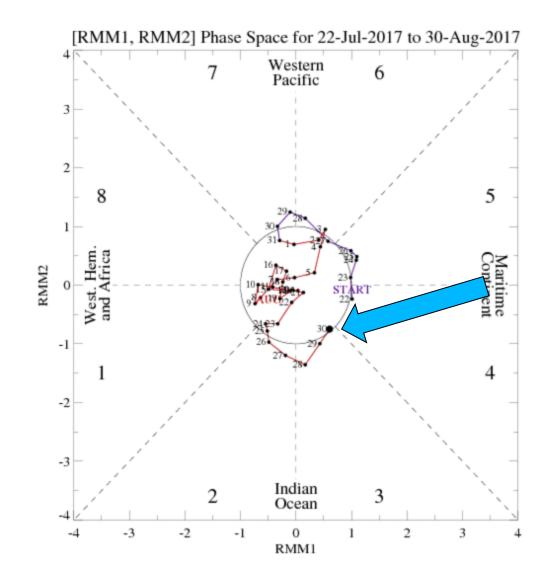


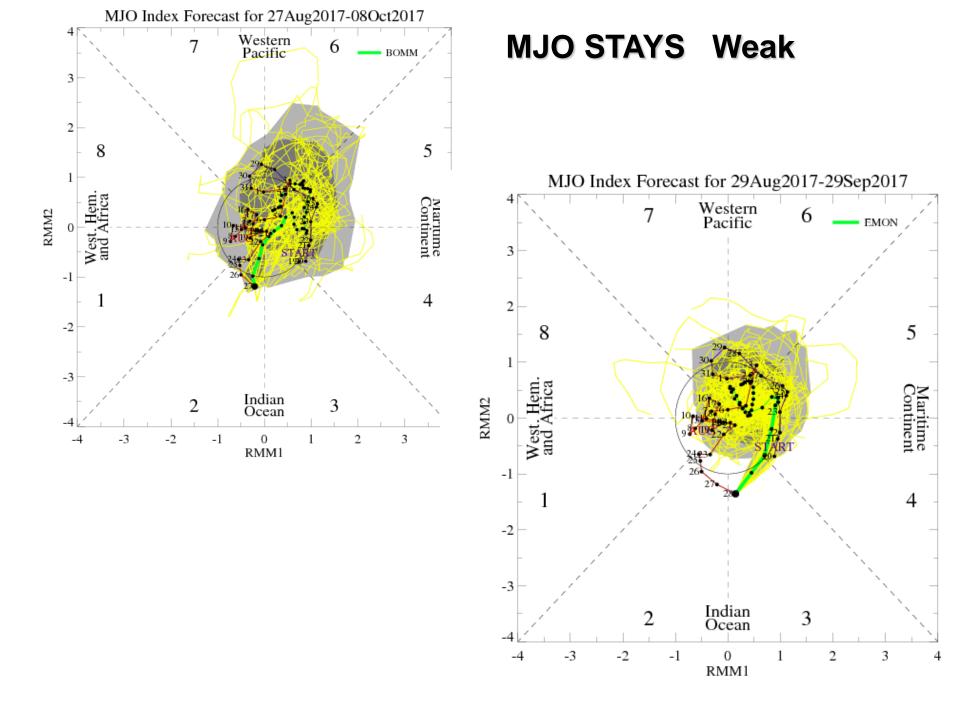
Stormvistawxmodels.com

LETS TALK MJO/ENSO

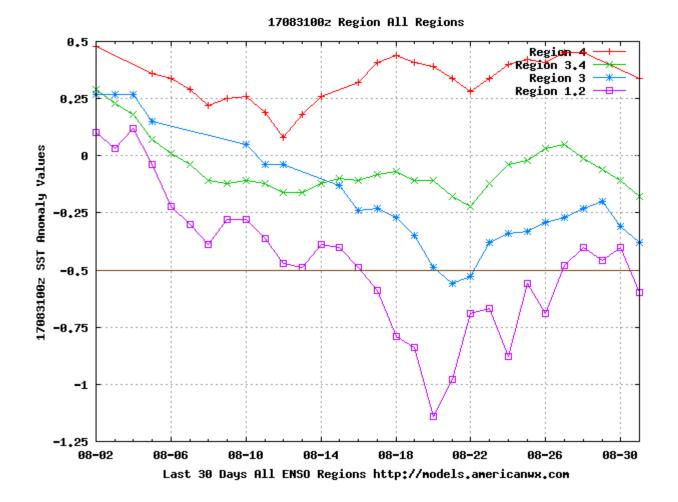


MJO STAYS WEAK

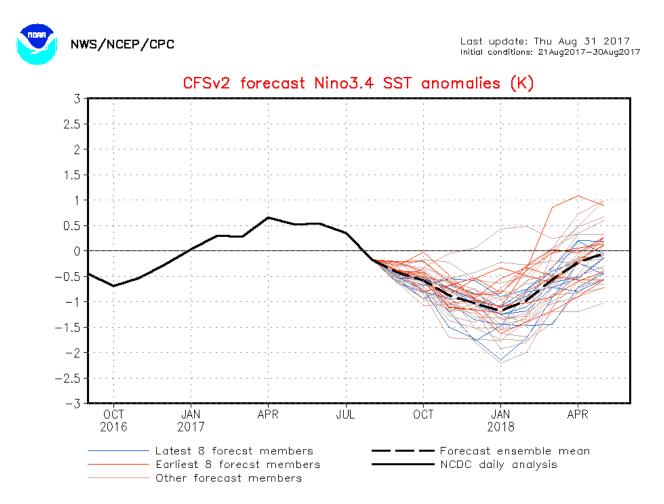




all areas now cooling and at or below Min criteria for weak El Nino



CFS enso new data = major cooling in most enso regions and WEAK a Nina winter 2017-18 ? Looks that way



Sometimes I wonder whether the world is being run by smart people who are putting us on, or by imbeciles who really mean it.

MARK TWAIN

