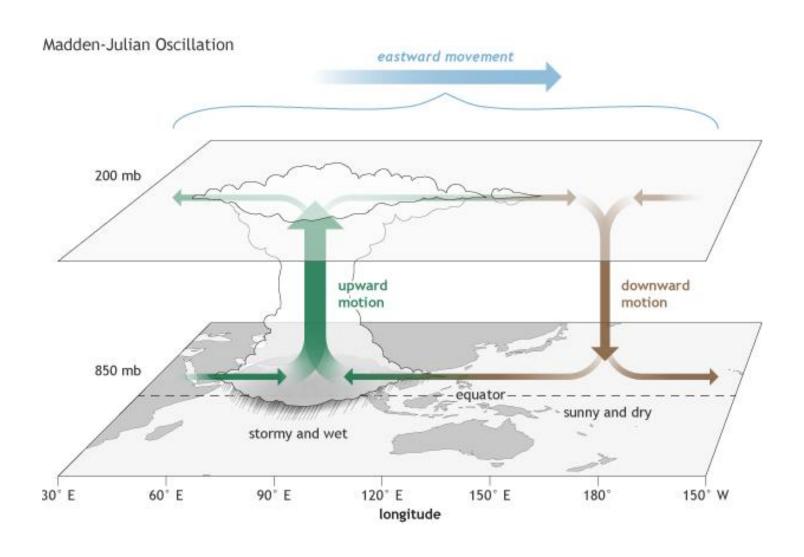


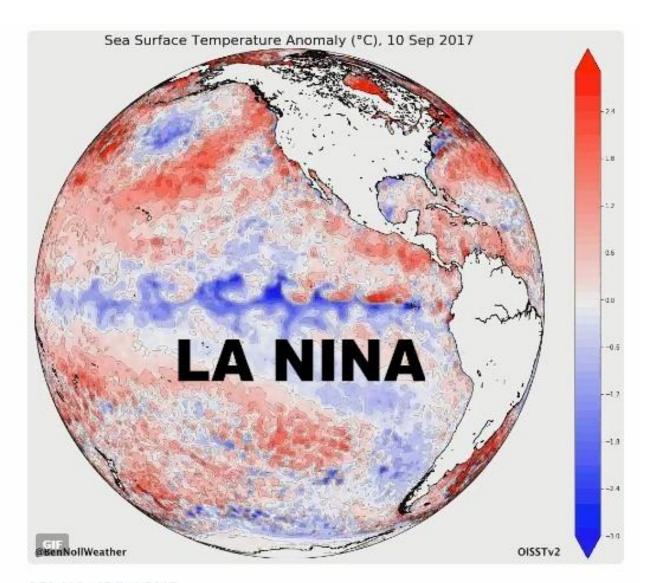
#### Weather Forecasting For Traders, Investors, and Businesses

# US GRAIN WEATHER SUMMARY / part 2 EXTENDED

as of FRIDAY 13 APRIL 2018

### LETS TALK MJO/ENSO

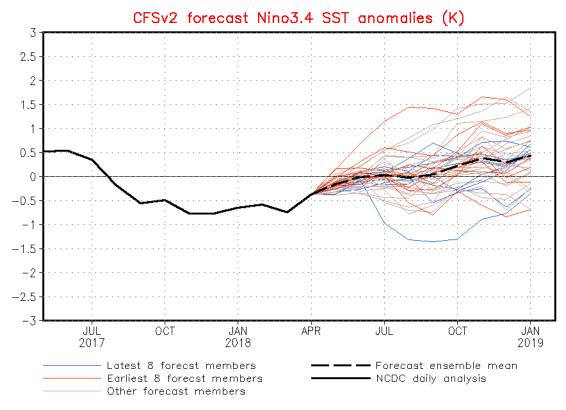




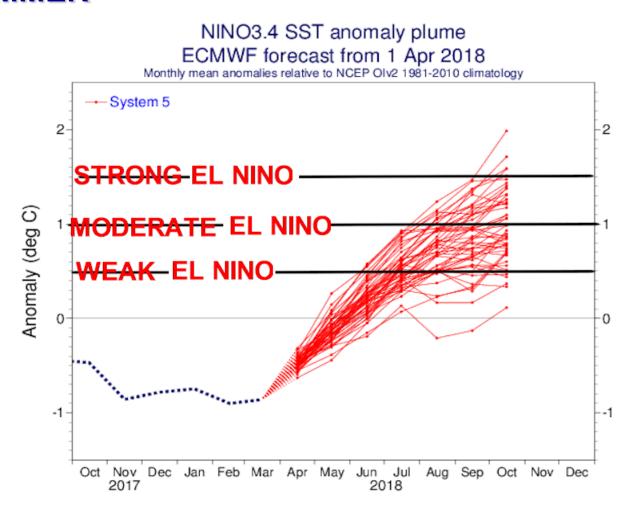
# BIG CHANGE IN CFS.. For last 30 days CFS has showed La Nina/ neutral conditions into MAY and thru the Summer. New CFS now shows slow warming late Summer/ Autumn



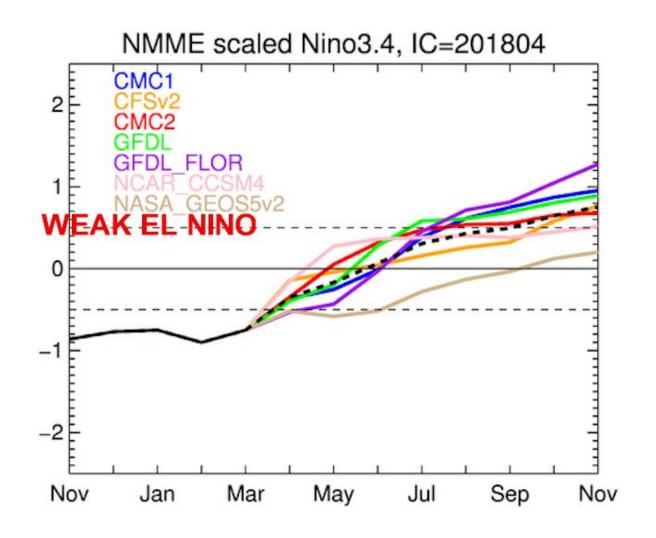
Last update: Thu Apr 12 2018 Initial conditions: 2Apr2018-11Apr2018



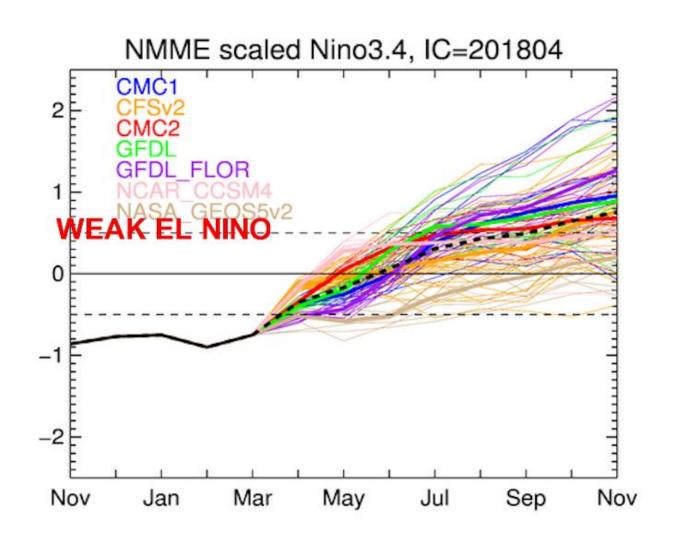
# EURO ENSO PLUMES.... April1 forecast Clearly showing weak to moderate El Nino JULY and AUGUST into the Autumn. THIS COULD HAVE SIGNIFICANT IMPLICATIONS FOR THE 2<sup>ND</sup> HAVE OF THE SUMMER



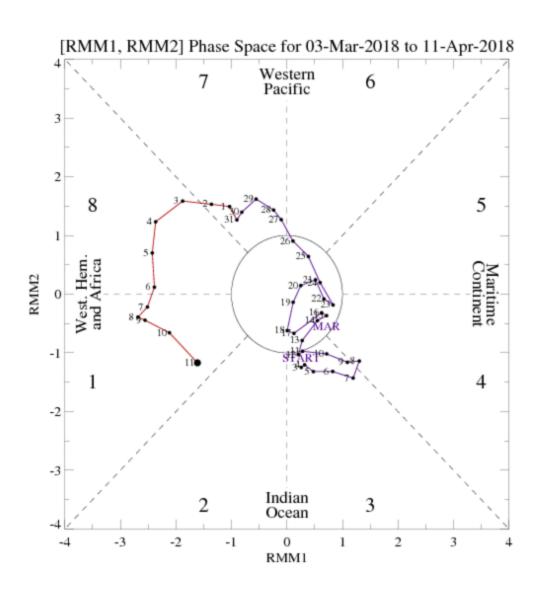
CLIMATE MODEL MEANS for ENSO region as of APRIL 5 ... Not as aggressive as ECMWF but so show weak El Nino in 2<sup>nd</sup> half of Summer & for Hurricane season

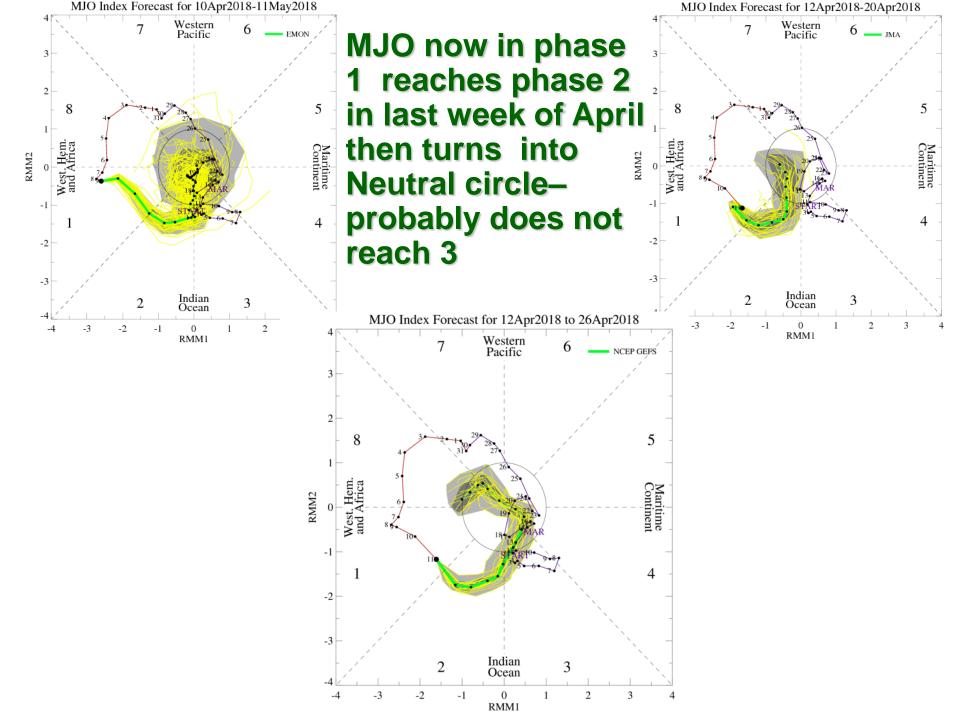


## CLIMATE MODEL plumes or spreads for ENSO region as of APRIL 5...

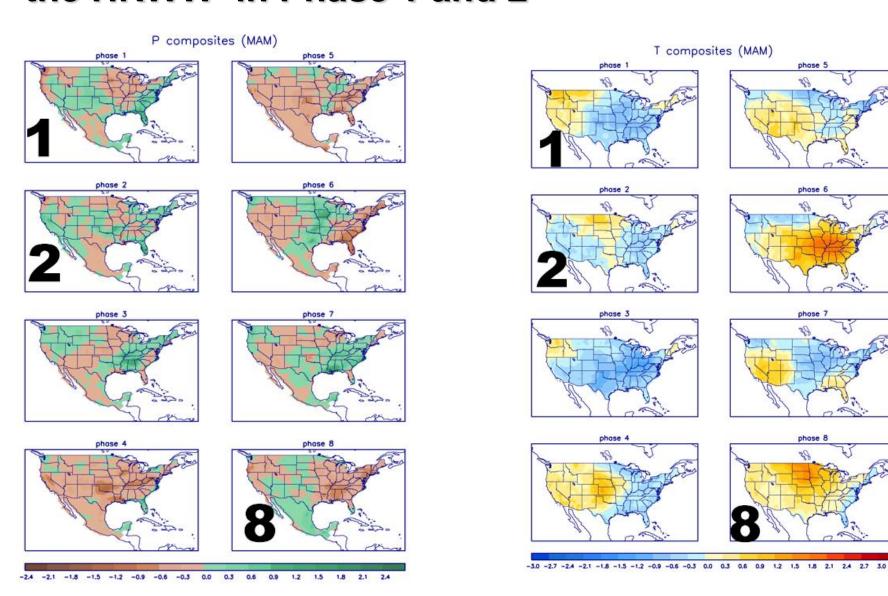


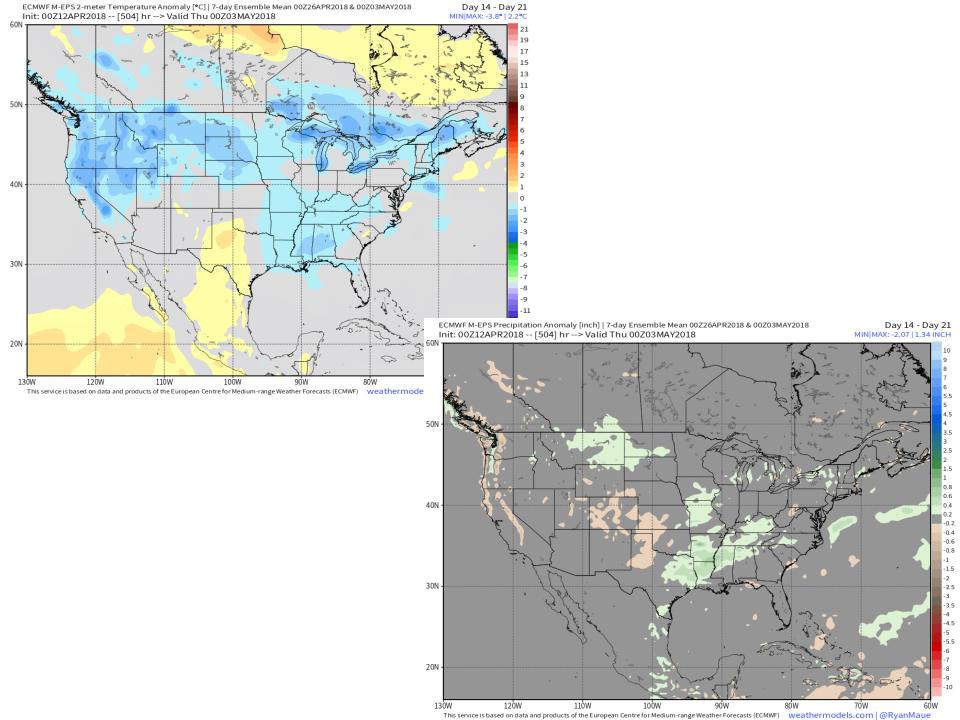
### **MJO IS IN PHASE 1**

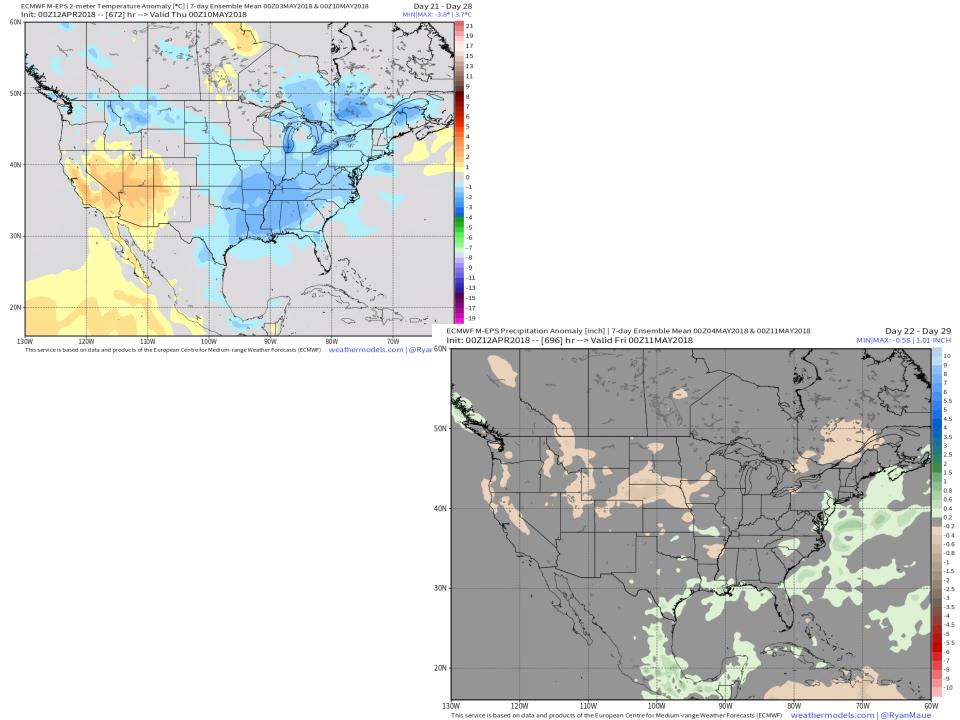


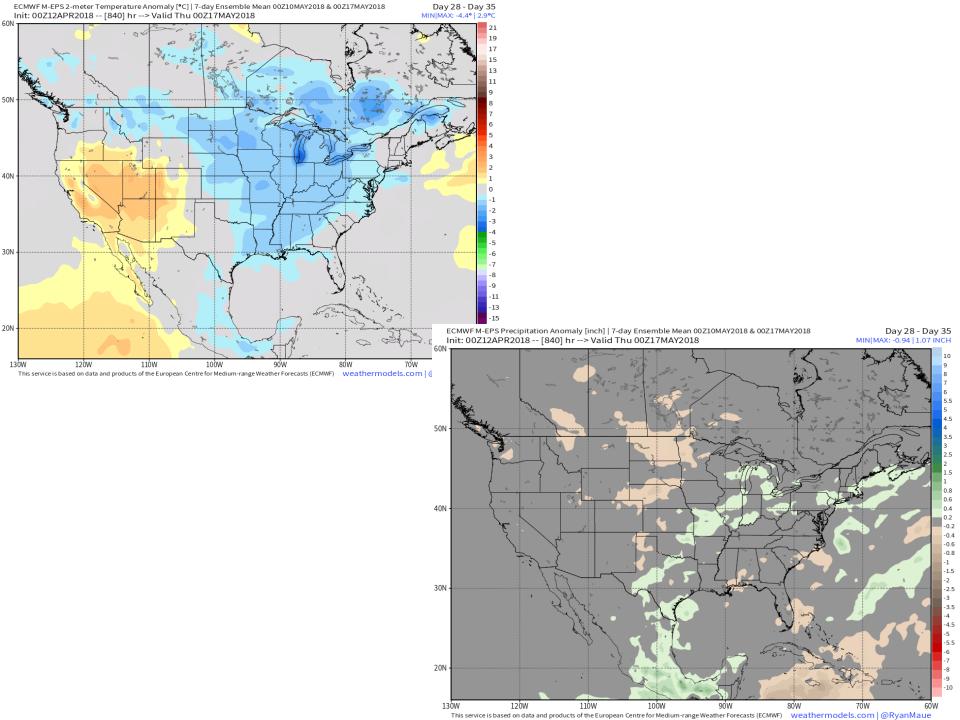


## Phase 1 and 2 are COLD ... But notice THE GREEN – above Normal precip over heart of the HRWW in Phase 1 and 2

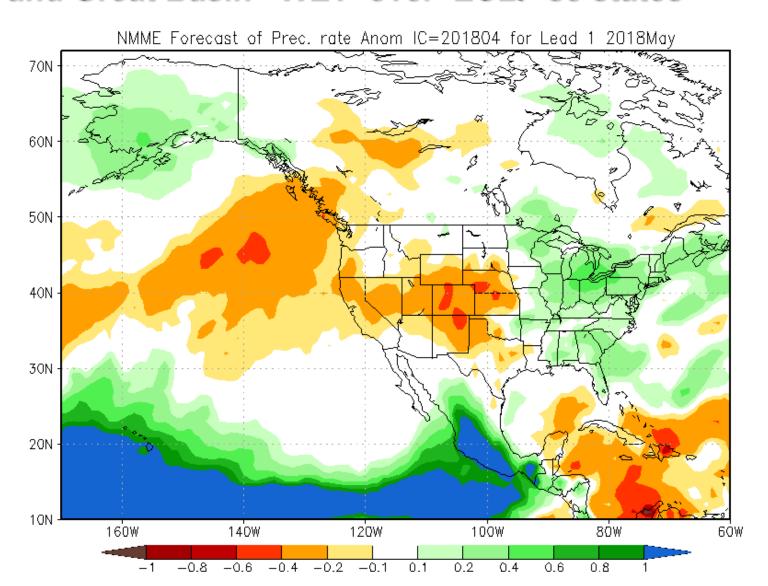


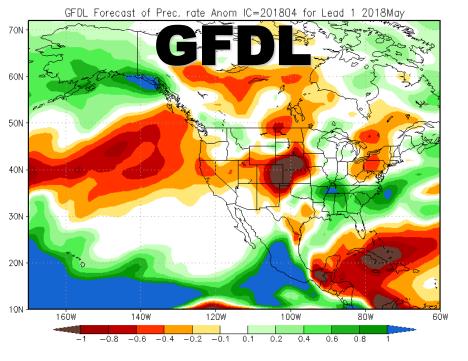


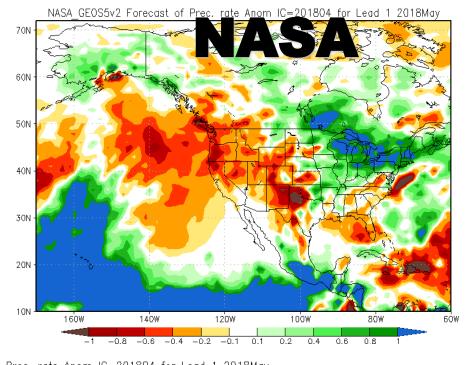




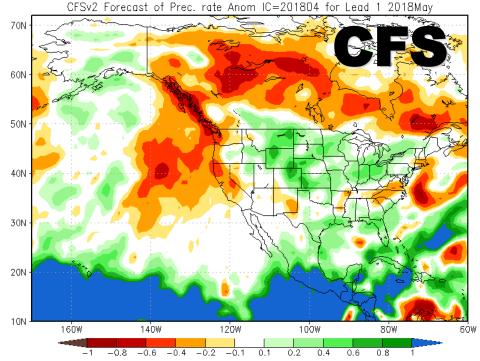
## NMME – sum of all CLIMATE MODELS as of APRIL 5. This is RAINFALL FOR MAY 2015 note its DRY over HRWW into central Rockies and Great Basin WET over ECB/ se states







KEY POINT - CFS model for MAY is MUCH wetter over all of Plains & WCB than any other model



## CFS model for JUNE RAINFALL – again this climate model is MUCH wetter over all of Plains/ Delta / Midwest than any other model

