

Summary of Key Briefing Points
1030-1130am MST FRI Feb 26, 2016

Current Conditions as of FRI 12Z-15Z February 26

Tropics and Mid-latitudes

Over the Tropical Pacific:

- Isolated convection in SE portion FD
- Main activity in SH SPCZ
- CXI Indicates warm air aloft, low level capping inversion

Tropical Outlook

- Main convection in SPCZ----to remain very active, and eastward displaced
- Active convection expected in FD in a band SE-NW over next 2-5 days

Midlatitude Conditions/Outlook

Short Term:

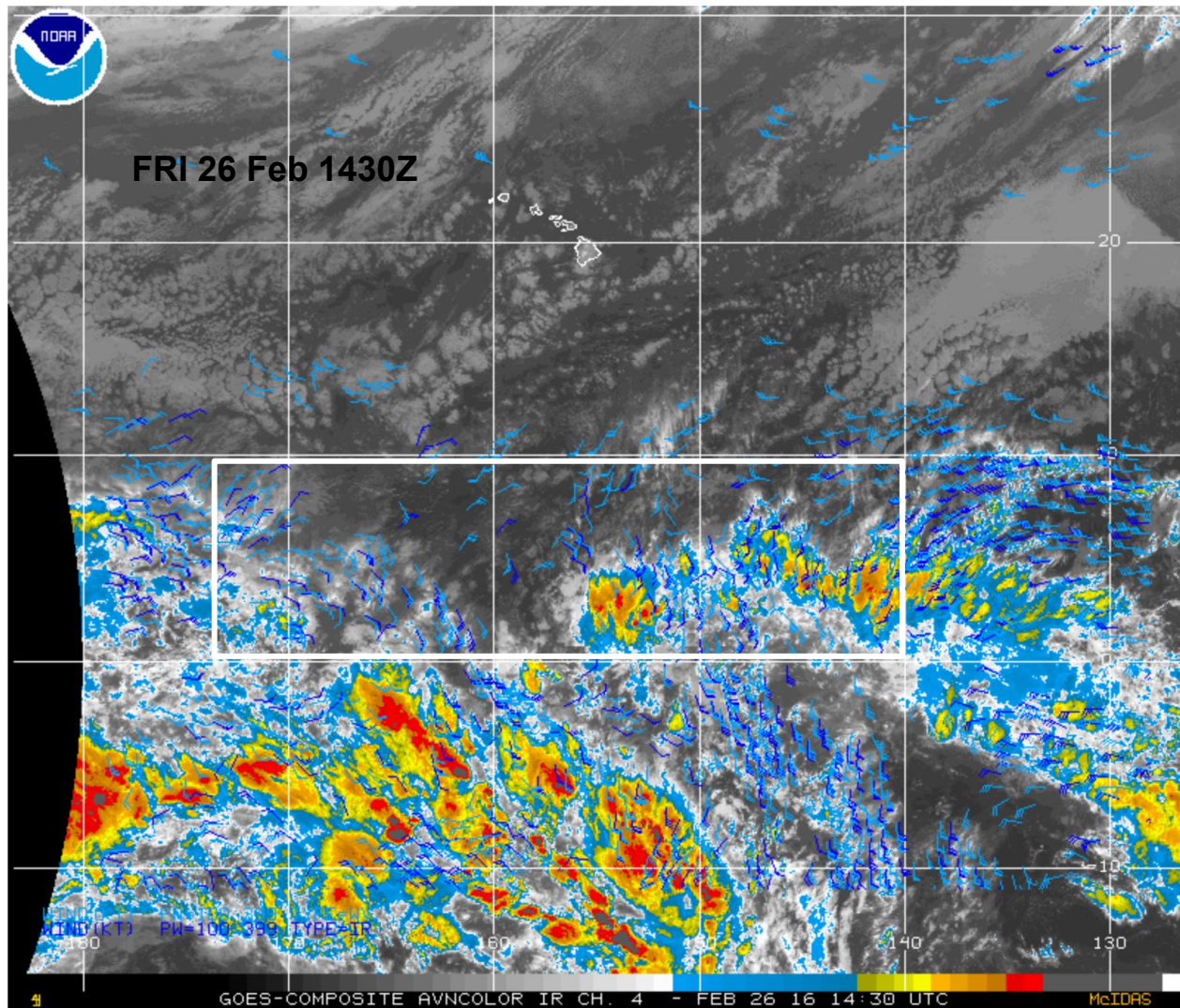
- CA quiet, rains expected by weekend in N

- **Medium - Long Term:**

- possible Central CA rain early next week
- No appreciable CA pcpn expected over the next 5-8days
- Day 9-15 in EC and GFS indicate major change in the EPacific circulation, wet CA possible

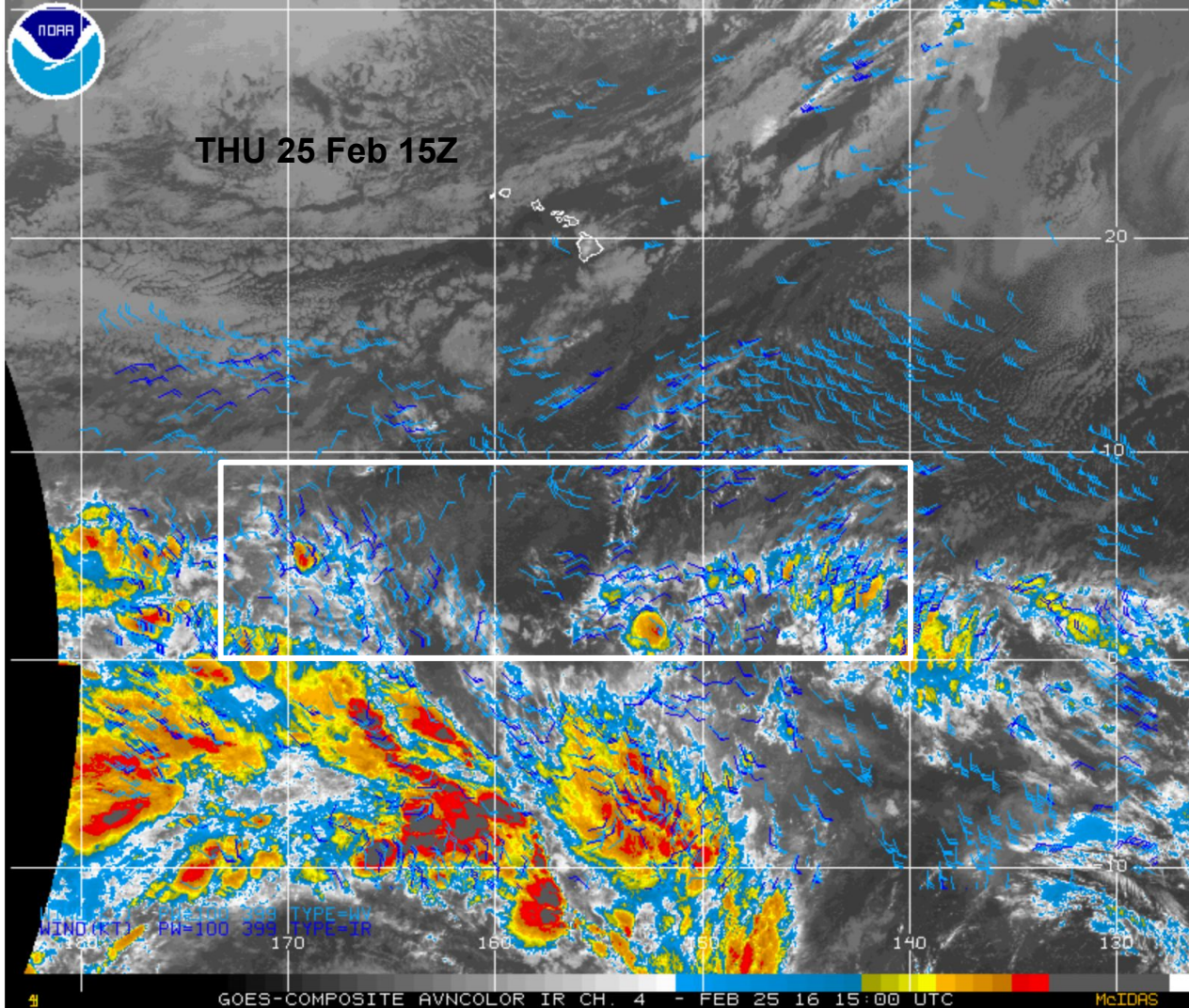


FRI 26 Feb 1430Z





THU 25 Feb 15Z



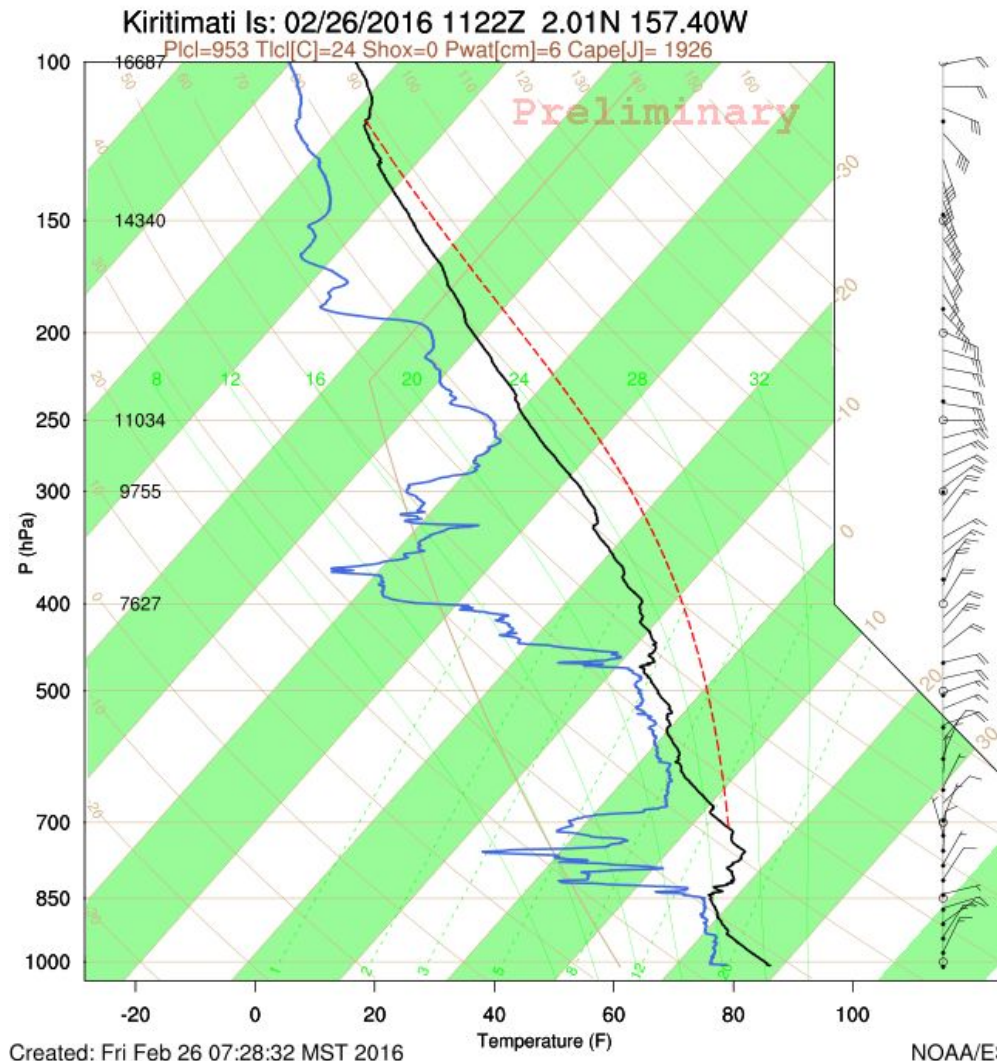
Launch 122LT, 1122UT: Mostly cloudy, low clouds, high Ac, Cc. Stars visible; moon visible through low clouds b/c they're thin. Sfc winds 5.5 m/s, G 6.5 m/s from 30 degrees. Wind direction slowly oscillating, swinging from 34-16 degrees in 6 minute window.

200LT: Sky much the same with patchy, low clouds moving from NNE. Warm breeze, winds 5-5.5 m/s G7, 26-6 degrees.

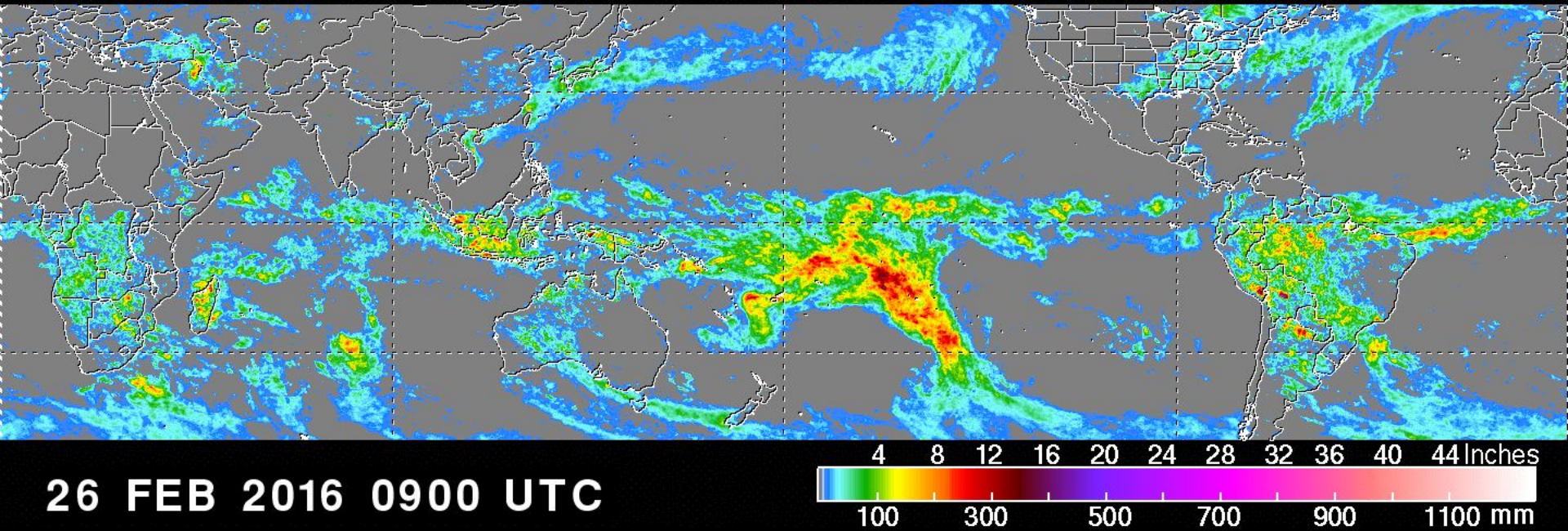
230LT: More cloud cover, but clear patches of stars still present.

Ac more extensive, and moving from NE at thick enough to obscure moon. Surface winds 5.5 m/s G 7 from 9 degrees (20-6 degree slow swing).

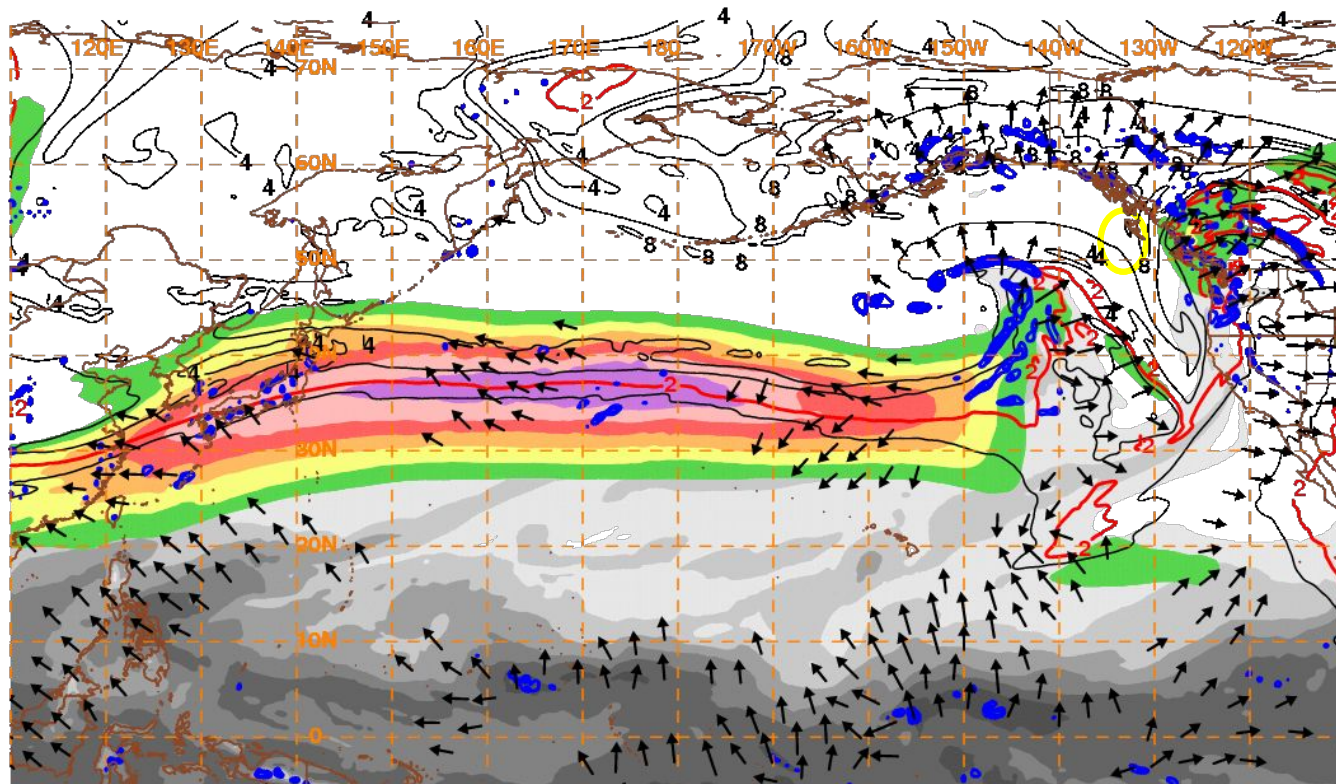
Paul and Leslie



GPM 7 Day Accumulation Ending 09Z 26 Feb



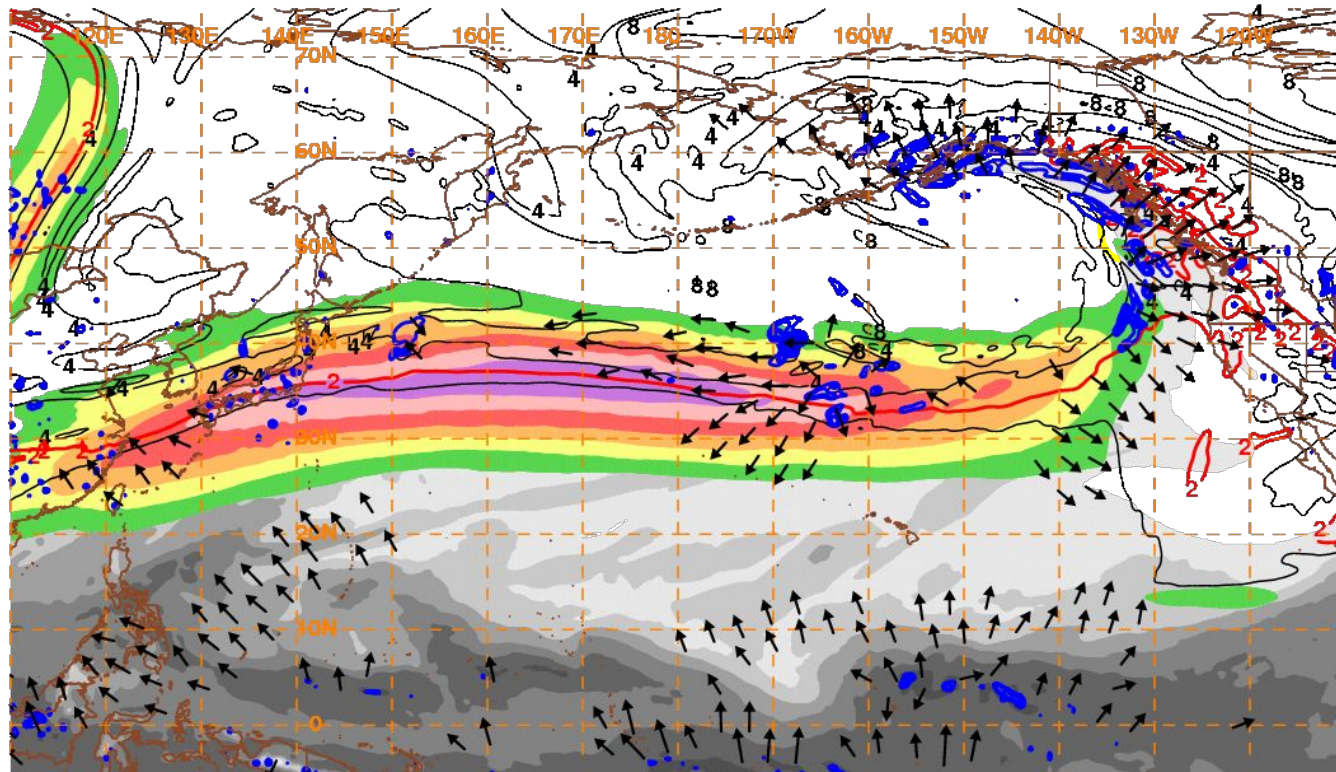
00Z Sat



10 m/s → 160227/0000V018 PW, 250 hPa Isotachs, PV, Irr. Wind, 500 hPa Upward Vert. Vel



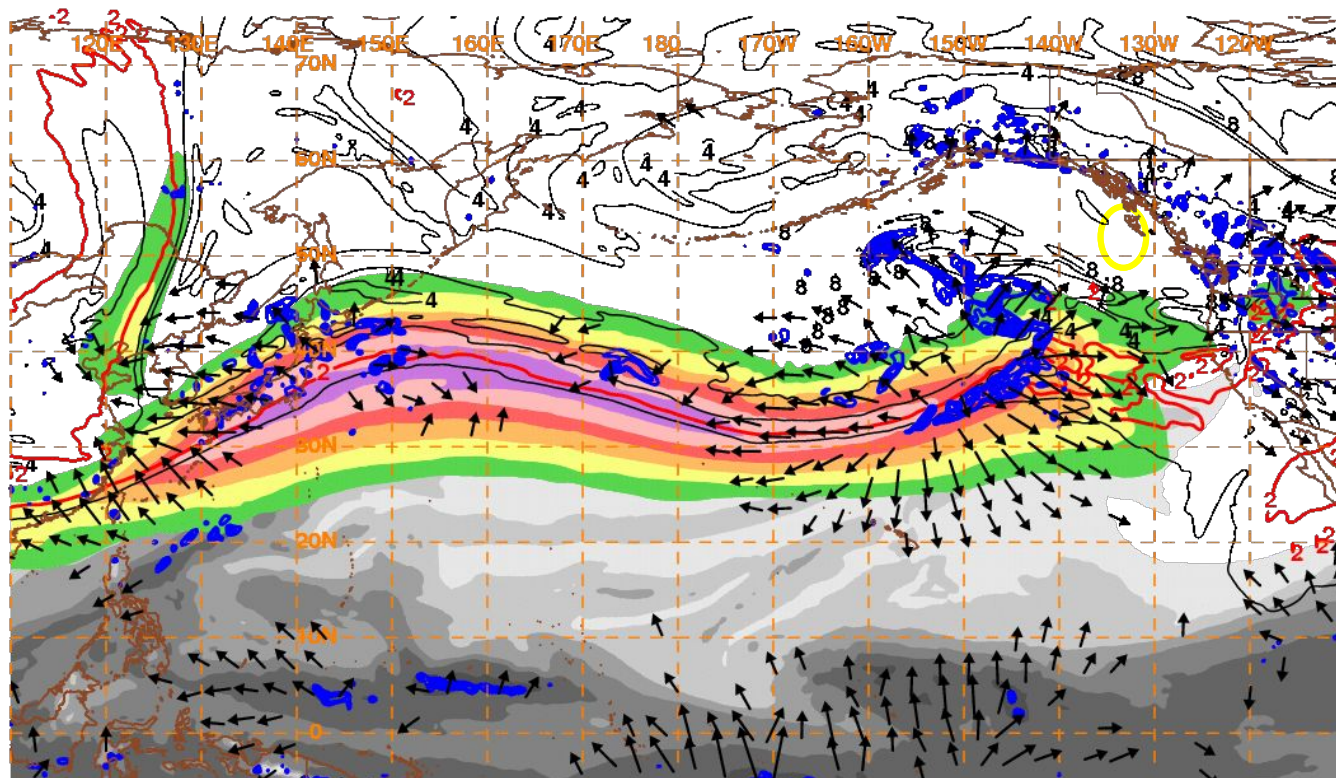
00Z Sun



10 m/s → 160228/0000V042 PW, 250 hPa Isotachs, PV, Irr. Wind, 500 hPa Upward Vert. Vel



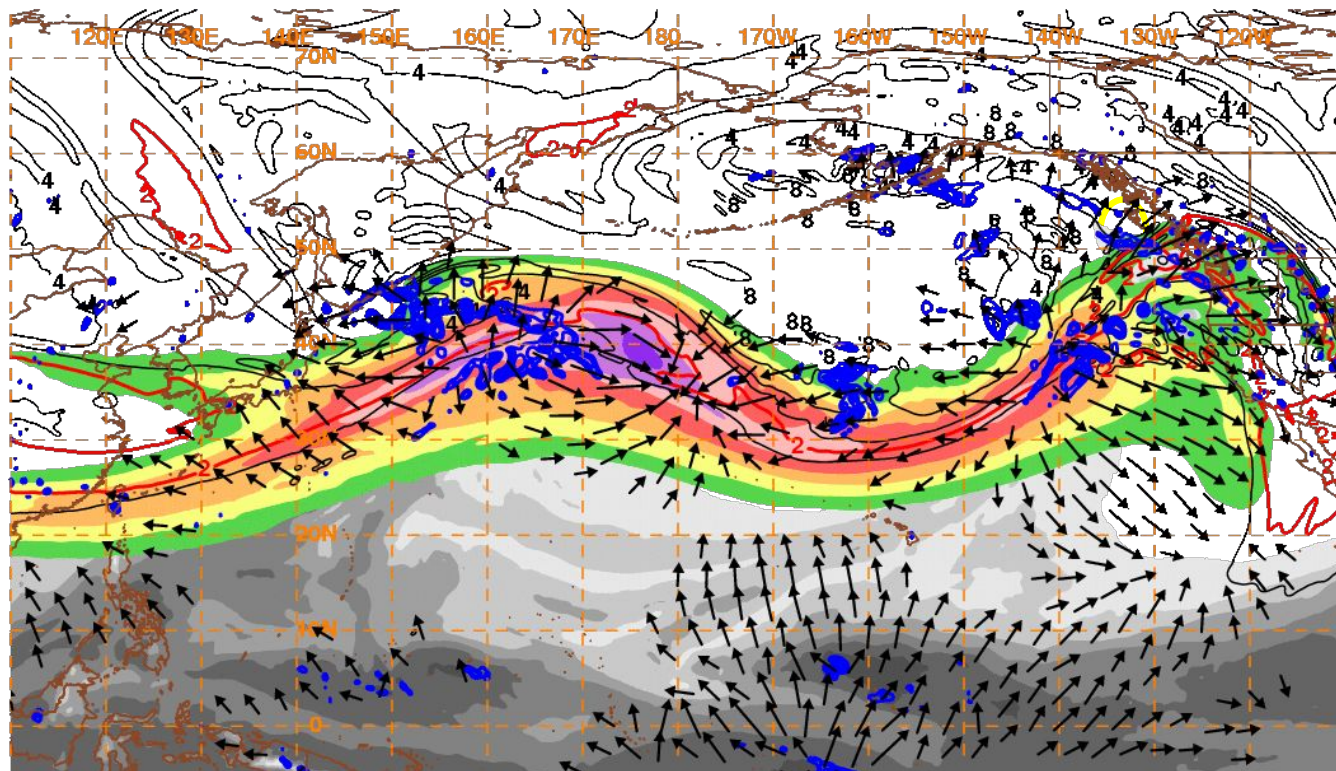
00Z Mon



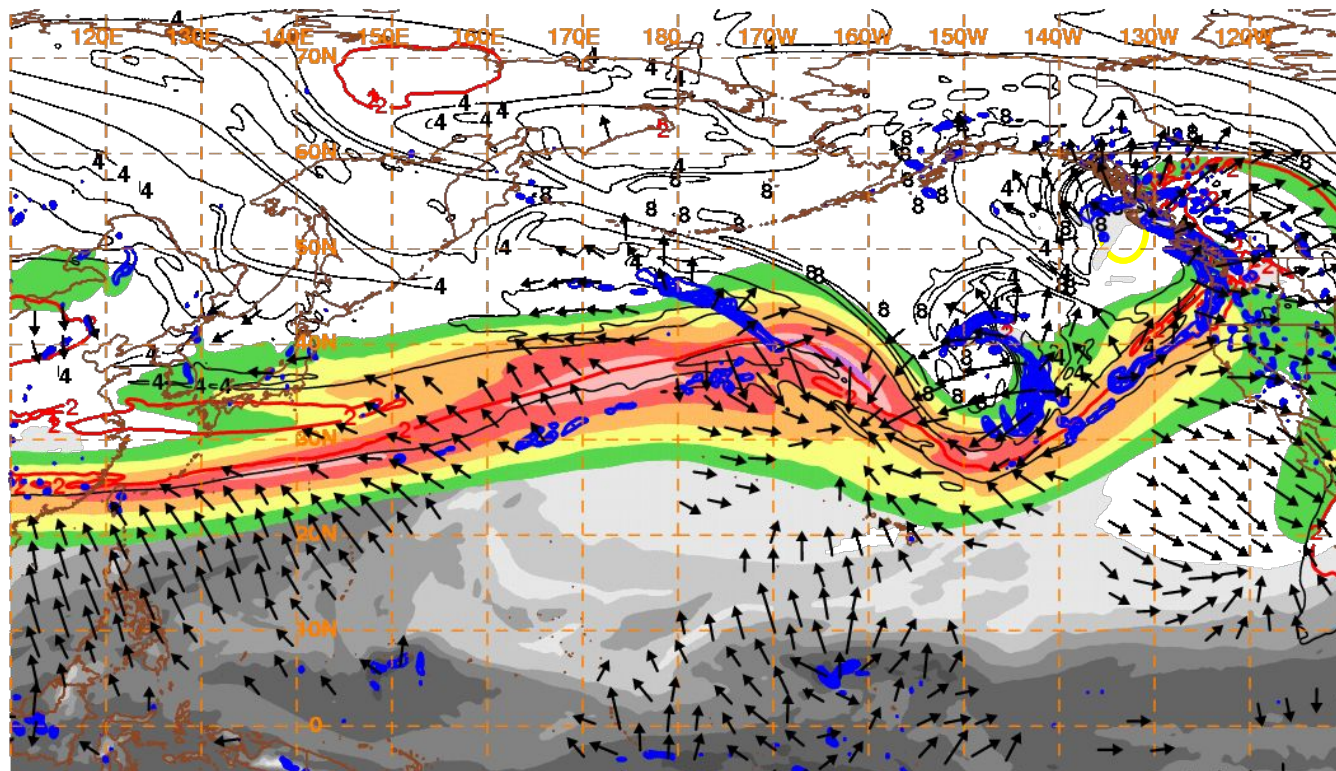
10 m/s → 160229/0000V066 PW, 250 hPa Isotachs, PV, Irr. Wind, 500 hPa Upward Vert. Vel



00Z TUE



00Z WED

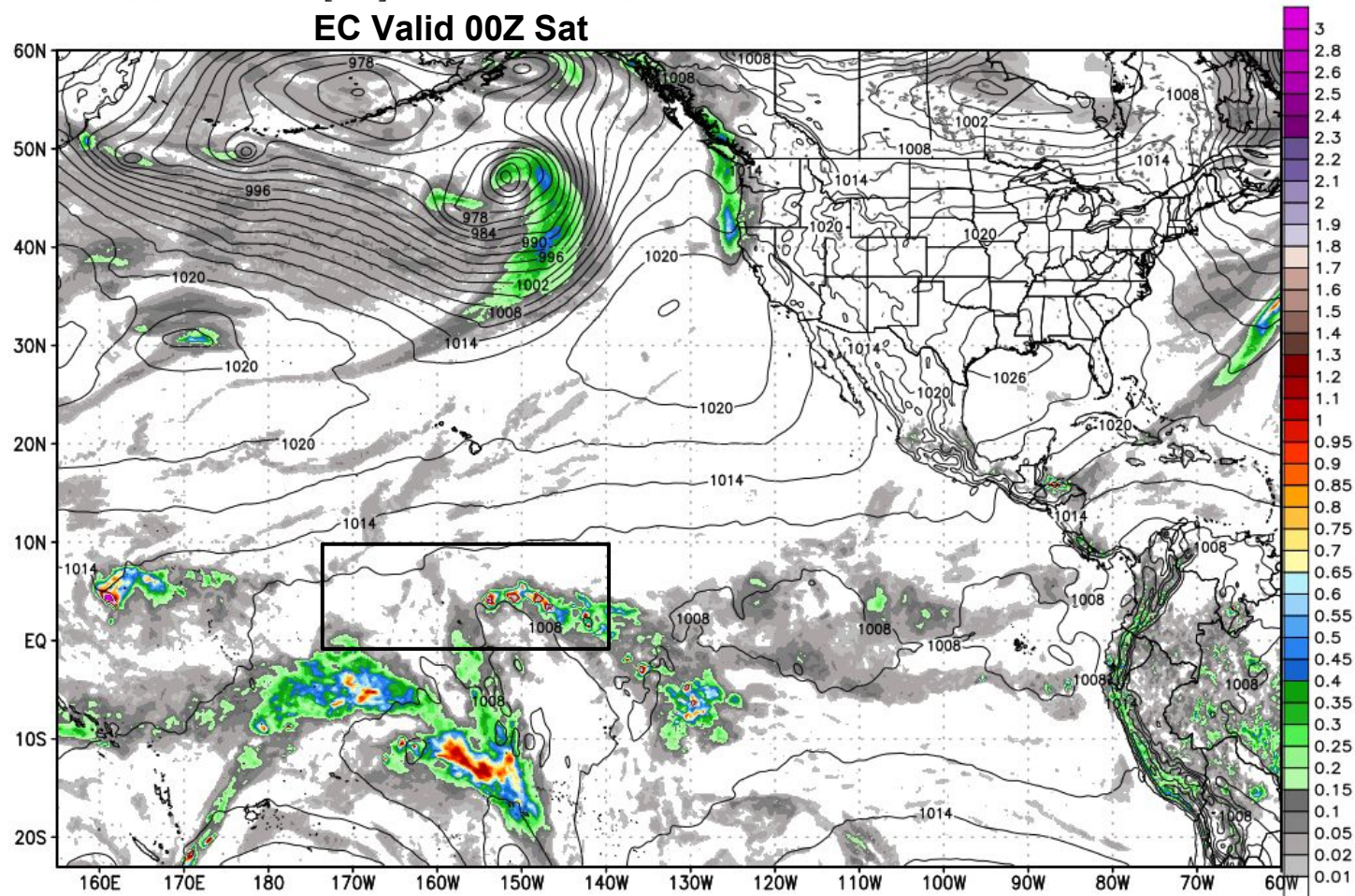


10 m/s → 160302/0000V114 PW, 250 hPa Isotachs, PV, Irr. Wind, 500 hPa Upward Vert. Vel



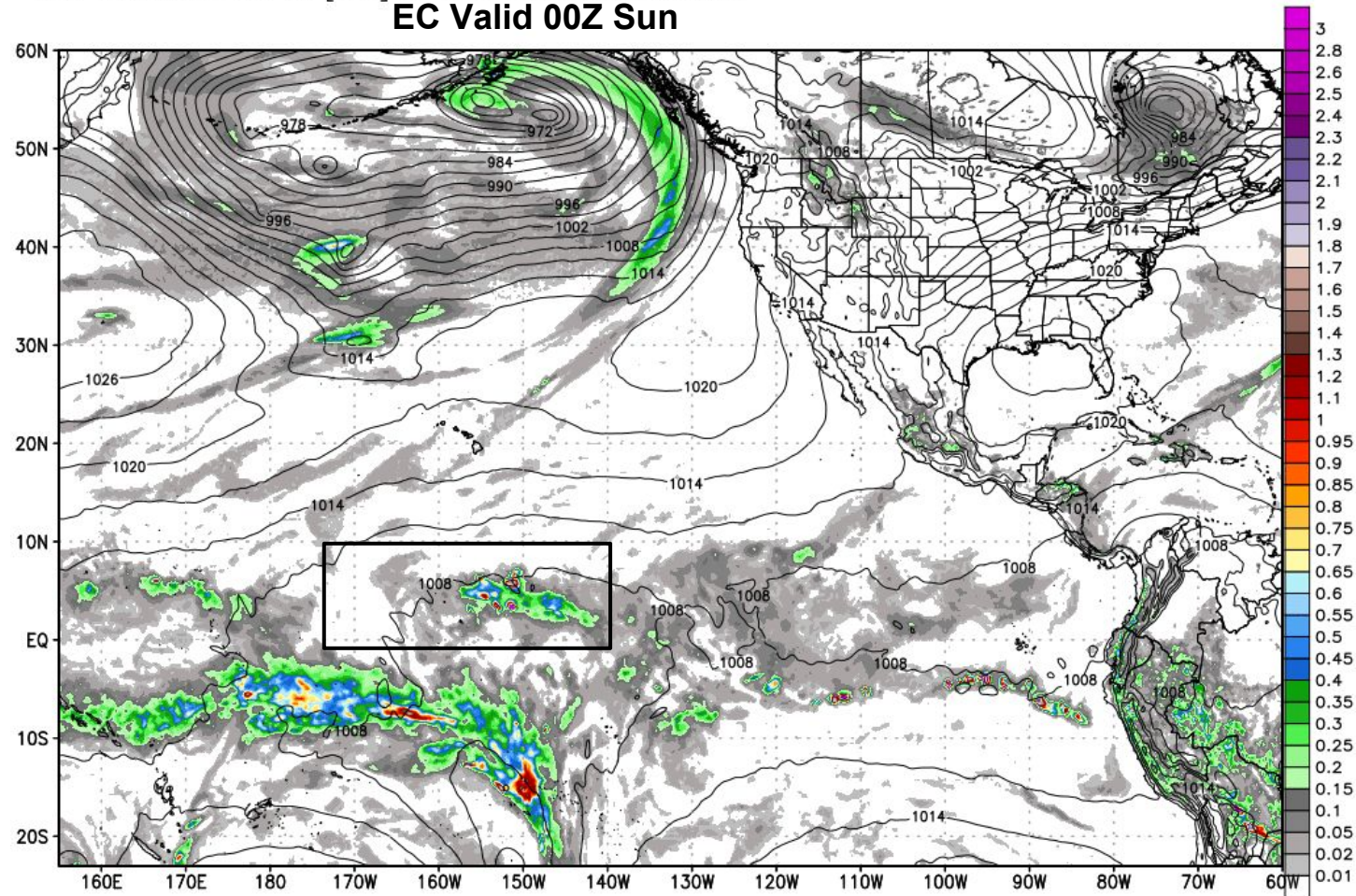
ECMWF 6-hourly Precipitation [inches] between 18Z26FEB2016 -- 00Z27FEB2016 & MSLP [hPa]
INIT: 00Z26FEB2016 fx: [024] hr --> Sat 00Z27FEB2016

EC Valid 00Z Sat



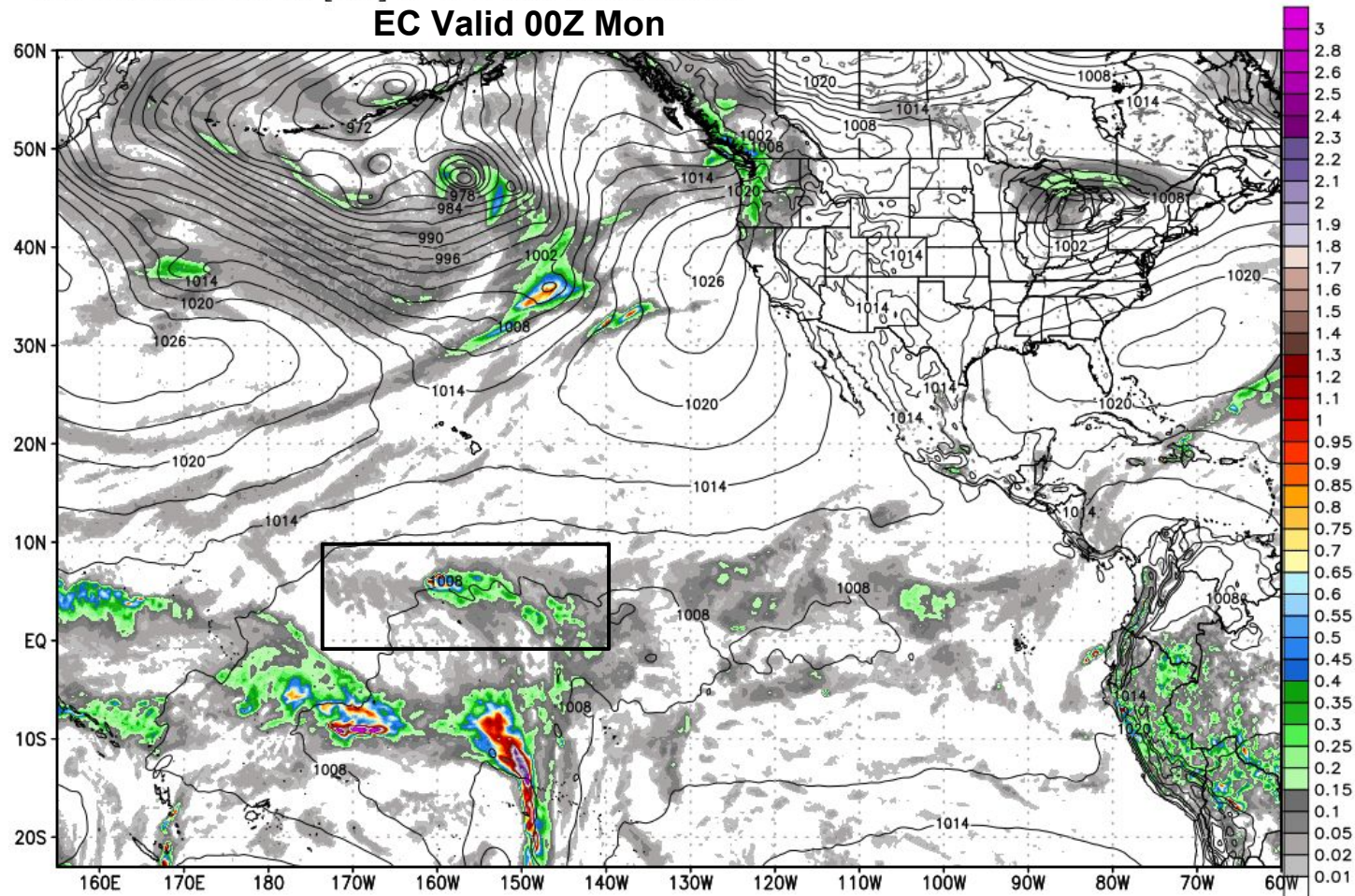
ECMWF 6-hourly Precipitation [inches] between 18Z27FEB2016 -- 00Z28FEB2016 & MSLP [hPa]
INIT: 00Z26FEB2016 fx: [048] hr --> Sun 00Z28FEB2016

EC Valid 00Z Sun



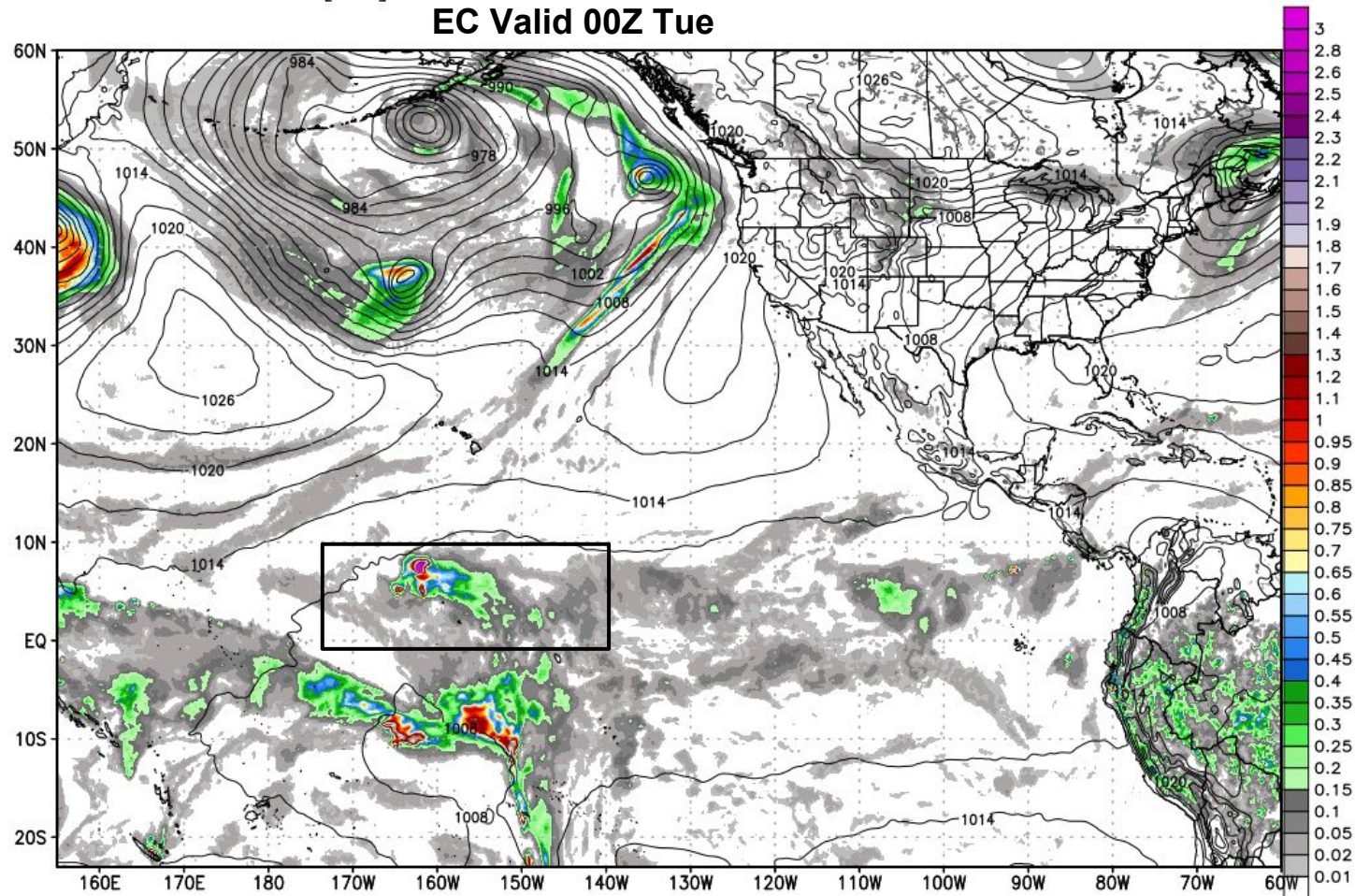
ECMWF 6-hourly Precipitation [inches] between 18Z28FEB2016 -- 00Z29FEB2016 & MSLP [hPa]
INIT: 00Z26FEB2016 fx: [072] hr --> Mon 00Z29FEB2016

EC Valid 00Z Mon



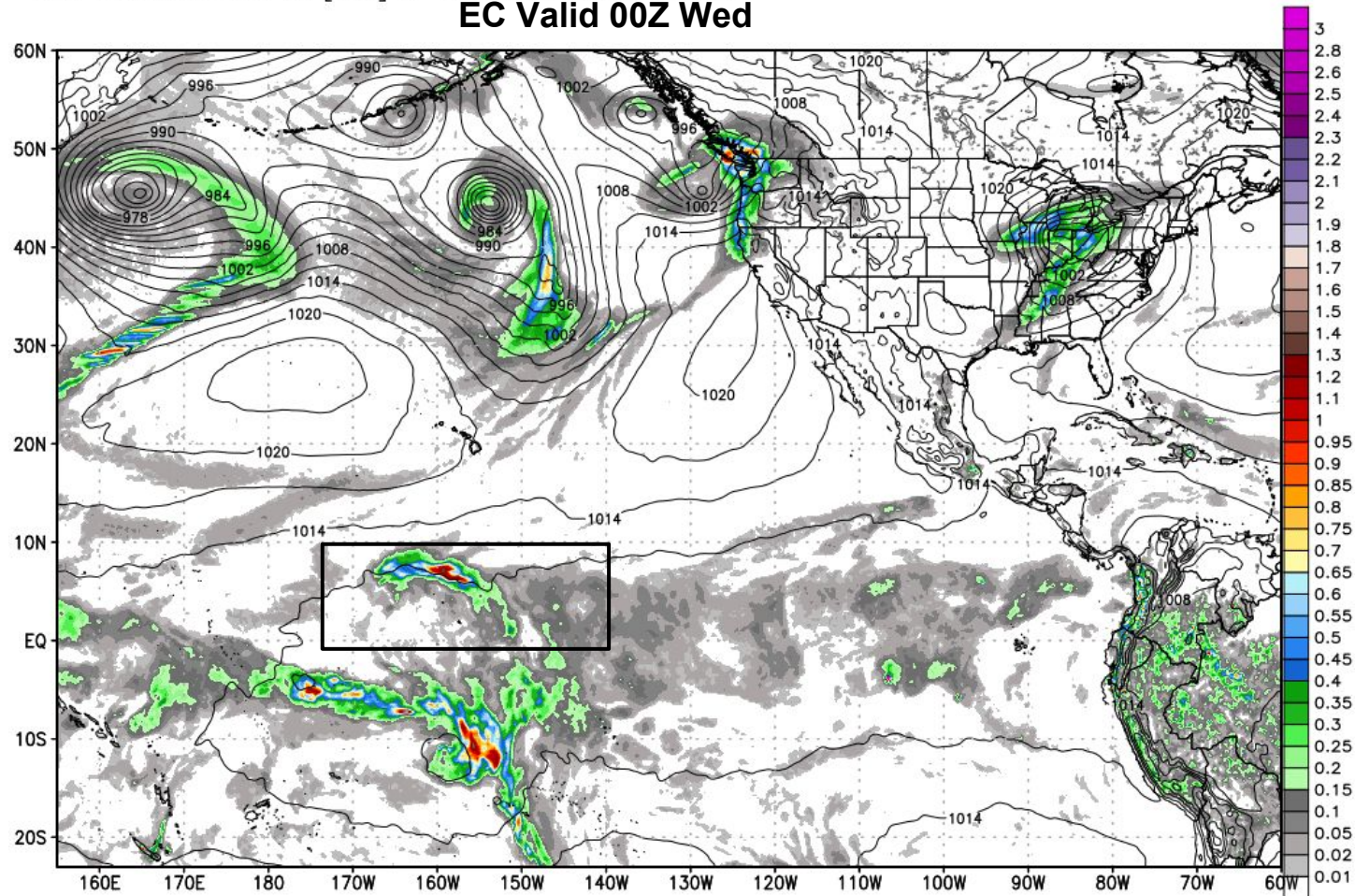
ECMWF 6-hourly Precipitation [inches] between 18Z29FEB2016 -- 00Z01MAR2016 & MSLP [hPa]
INIT: 00Z26FEB2016 fx: [096] hr --> Tue 00Z01MAR2016

EC Valid 00Z Tue



ECMWF 6-hourly Precipitation [inches] between 18Z01MAR2016 -- 00Z02MAR2016 & MSLP [hPa]
INIT: 00Z26FEB2016 fx: [120] hr --> Wed 00Z02MAR2016

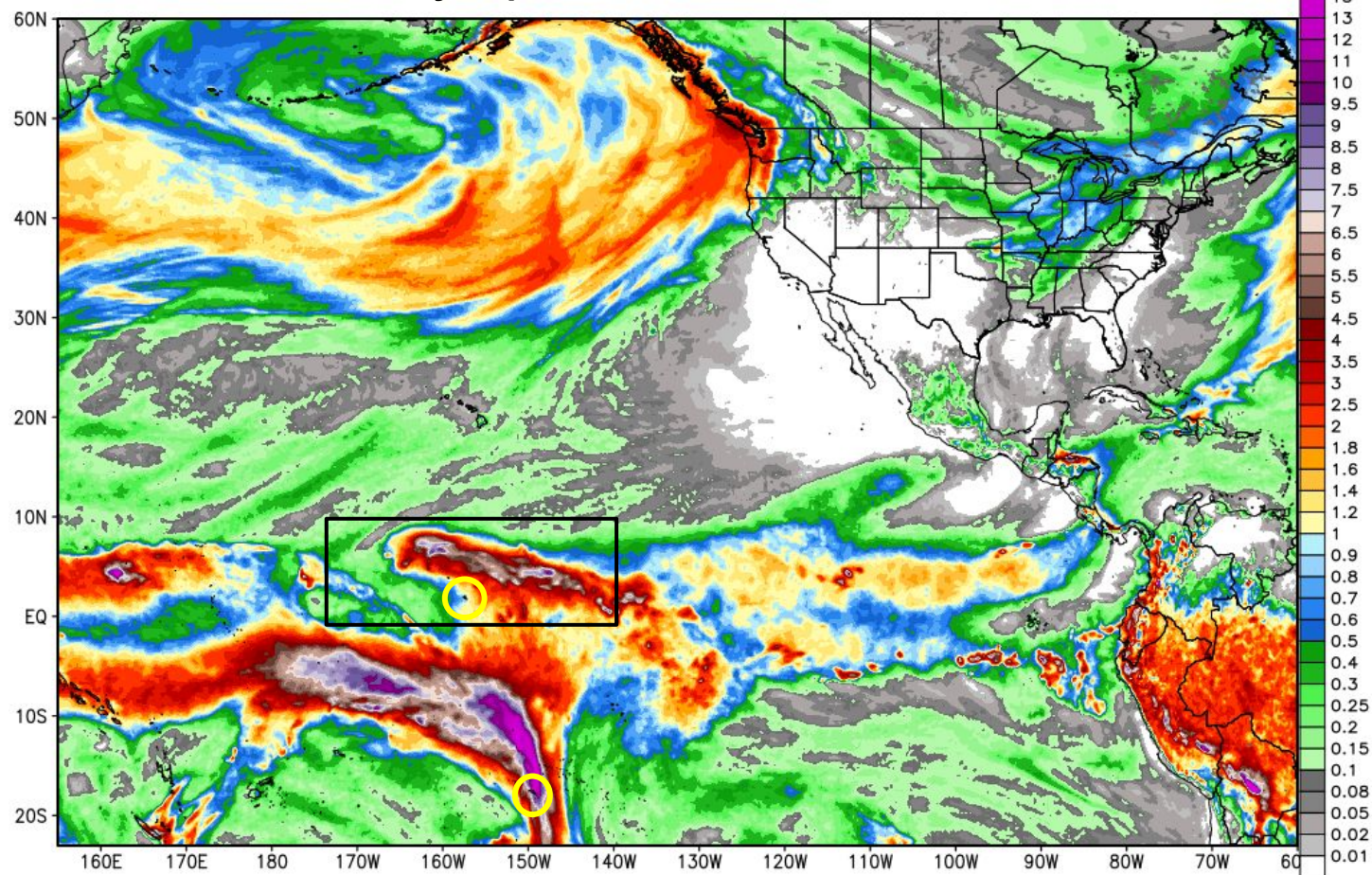
EC Valid 00Z Wed



ECMWF Total Precipitation [inches] between 00Z26FEB2016 -- 00Z02MAR2016
INIT: 00Z26FEB2016 fx: [120] hr --> Wed 00Z02MAR2016

Max 29.8 in

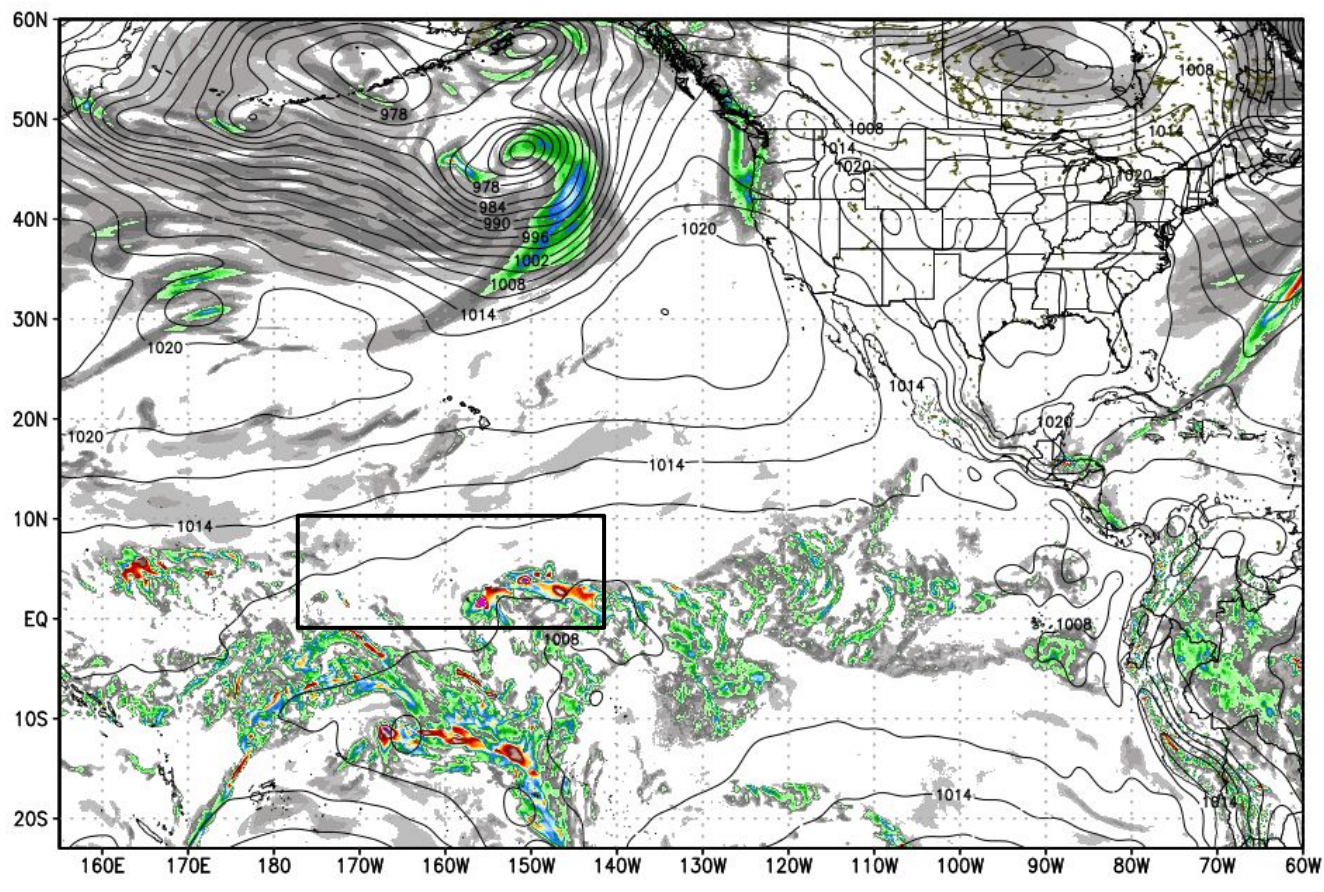
EC 5-Day Pcpn End 00Z WED, March 2



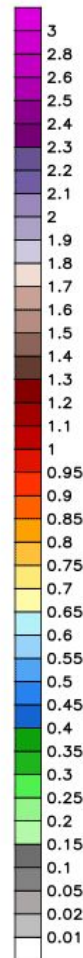
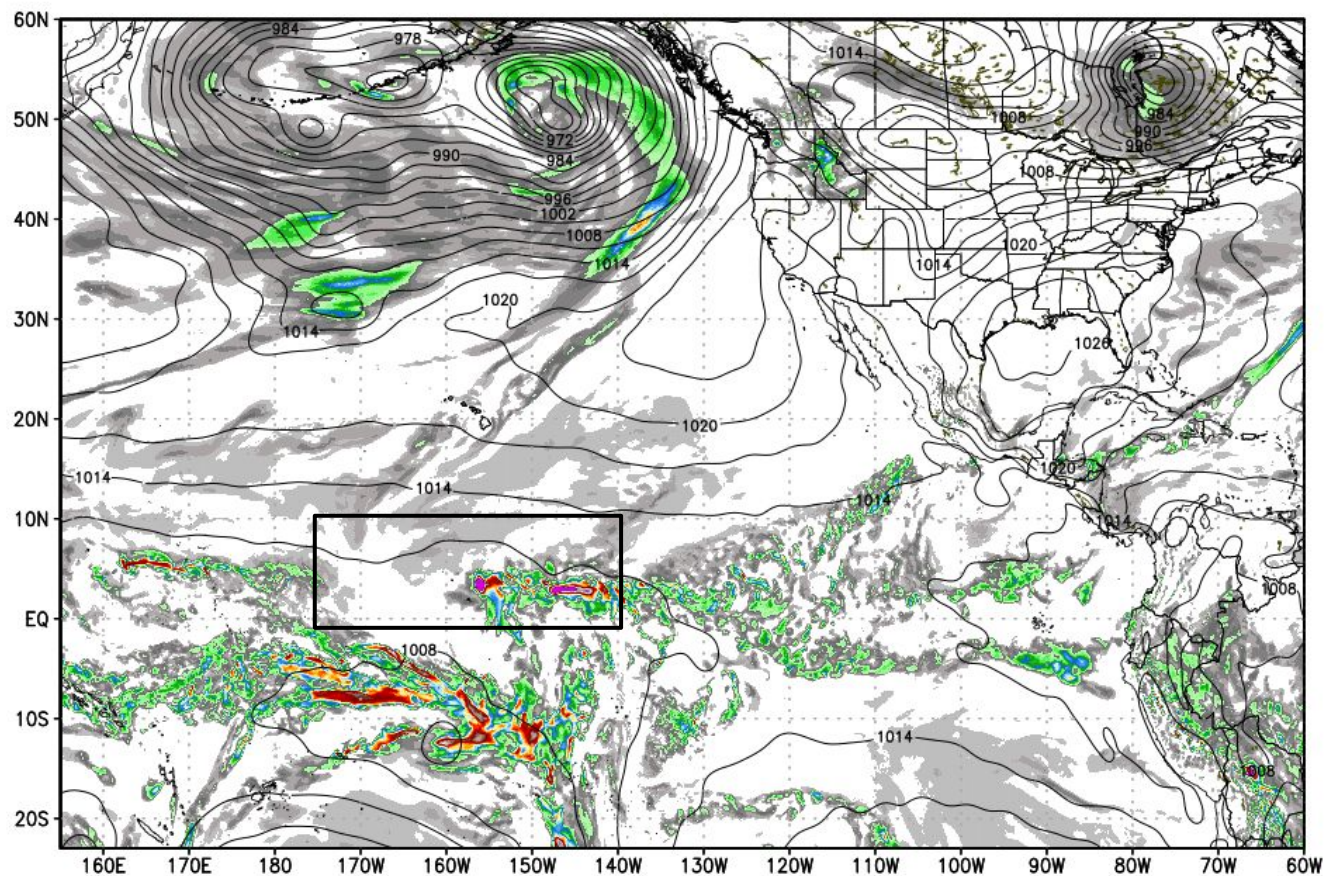
NCEP GFS 6-hourly Precipitation [inch] & MSLP [hPa]
INIT: 12Z26FEB2016 fx: [012] hr --> Sat 00Z27FEB2016

Max: 6.2 in.

GFS Valid 00Z Sat



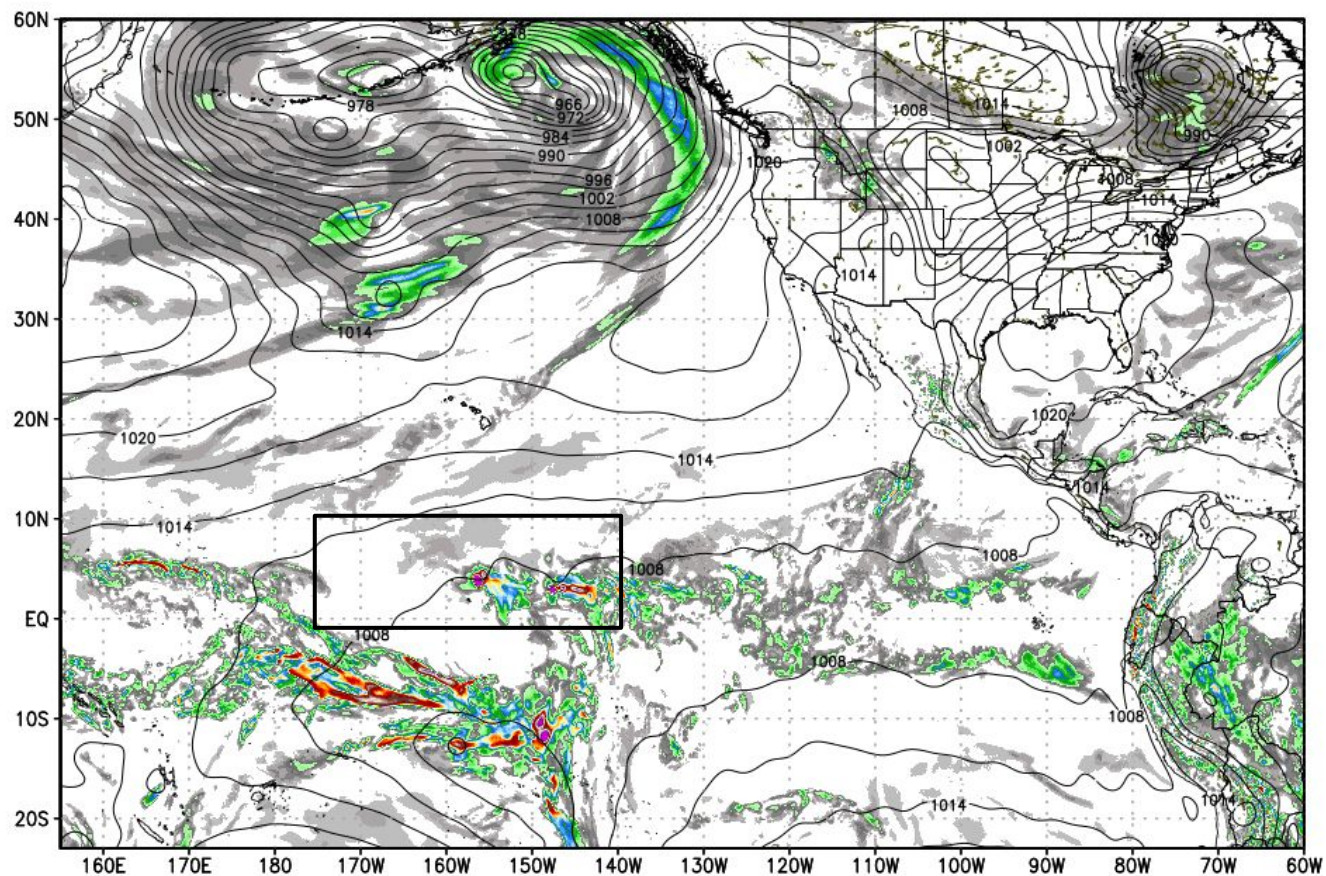
GFS Valid 18Z Sat



NCEP GFS 6-hourly Precipitation [inch] & MSLP [hPa]
INIT: 12Z26FEB2016 fx: [036] hr --> Sun 00Z28FEB2016

Max: 7.6 in.

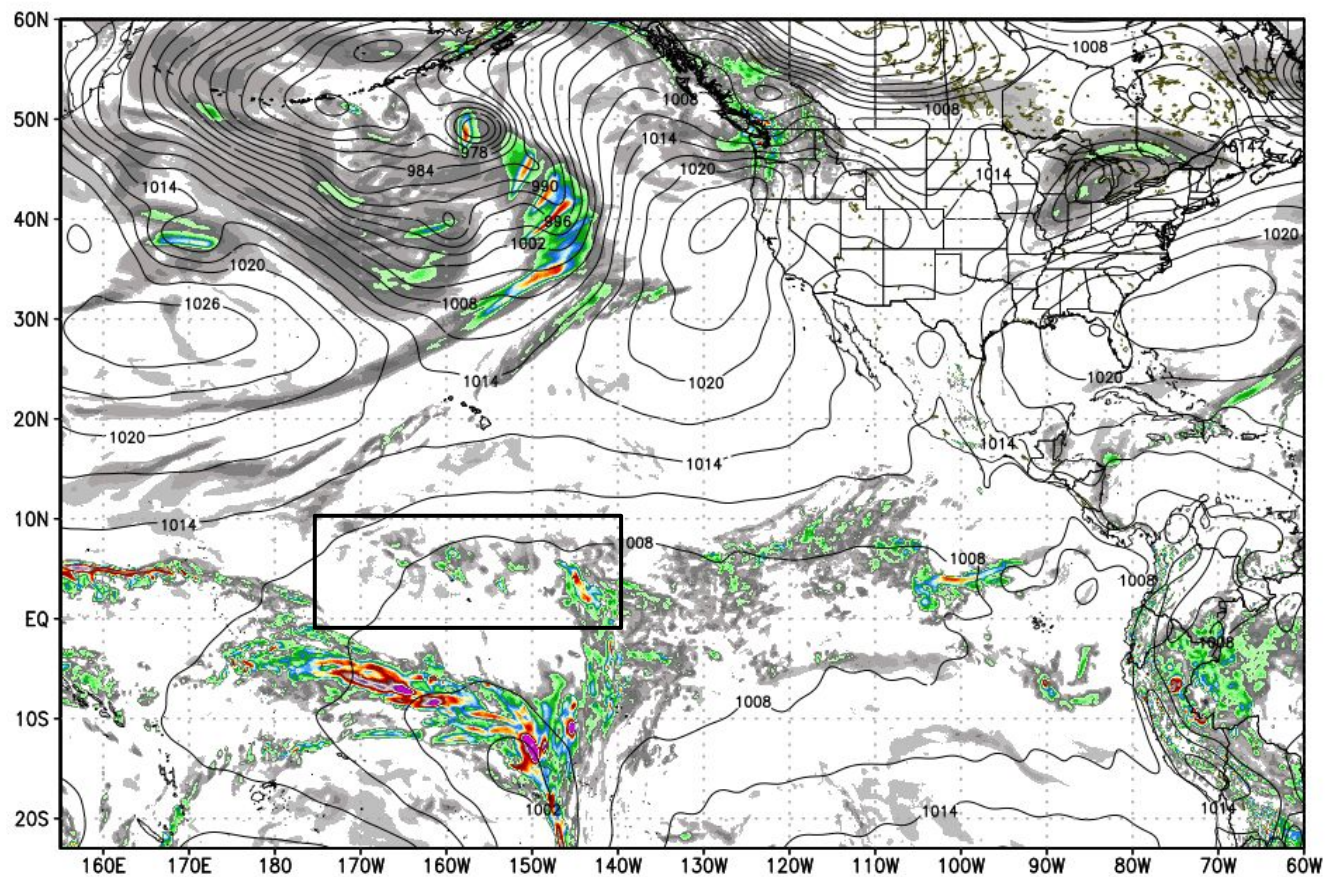
GFS Valid 00Z Sun



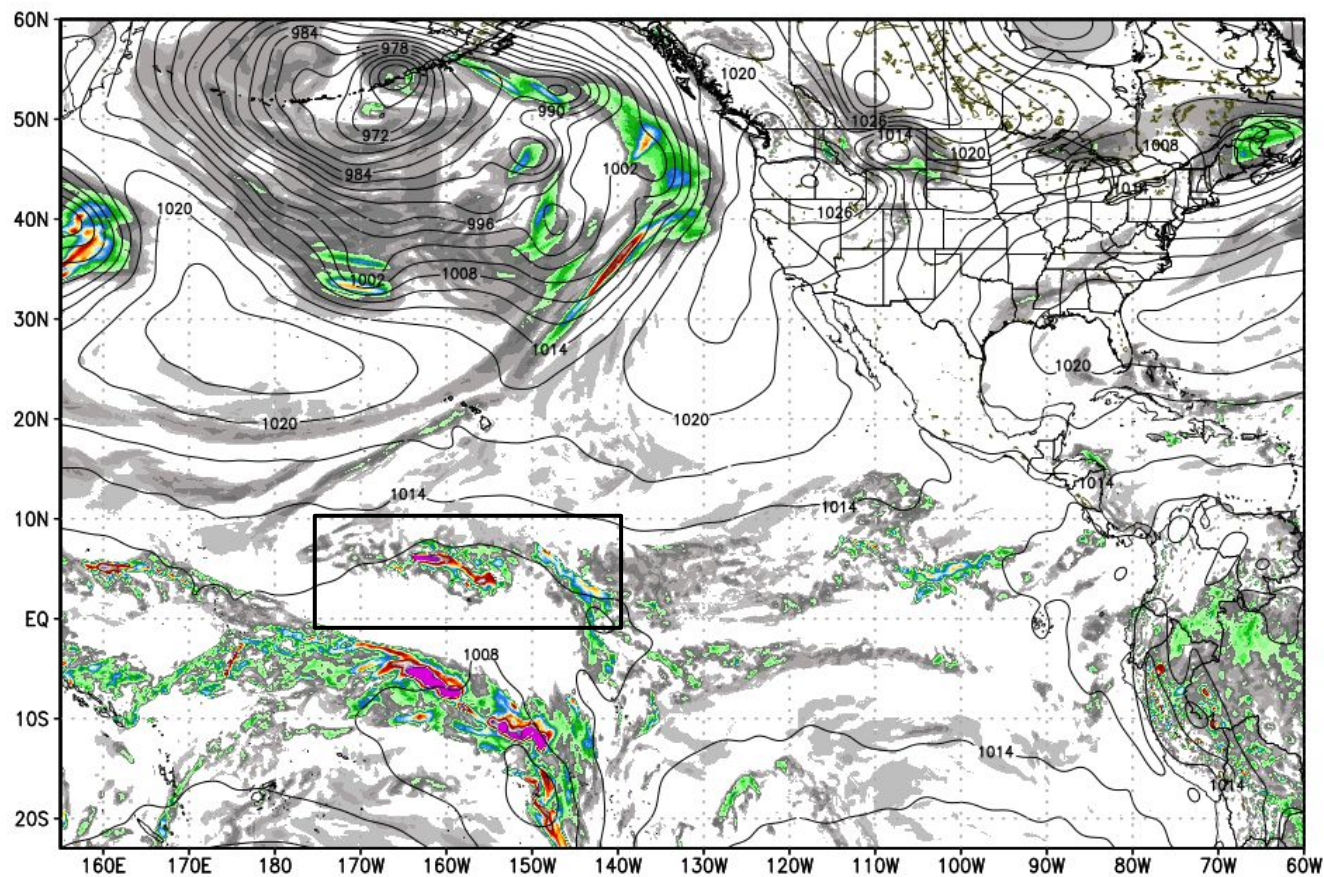
NCEP GFS 6-hourly Precipitation [inch] & MSLP [hPa]
INIT: 06Z26FEB2016 fx: [066] hr --> Mon 00Z29FEB2016

Max: 7.5 in.

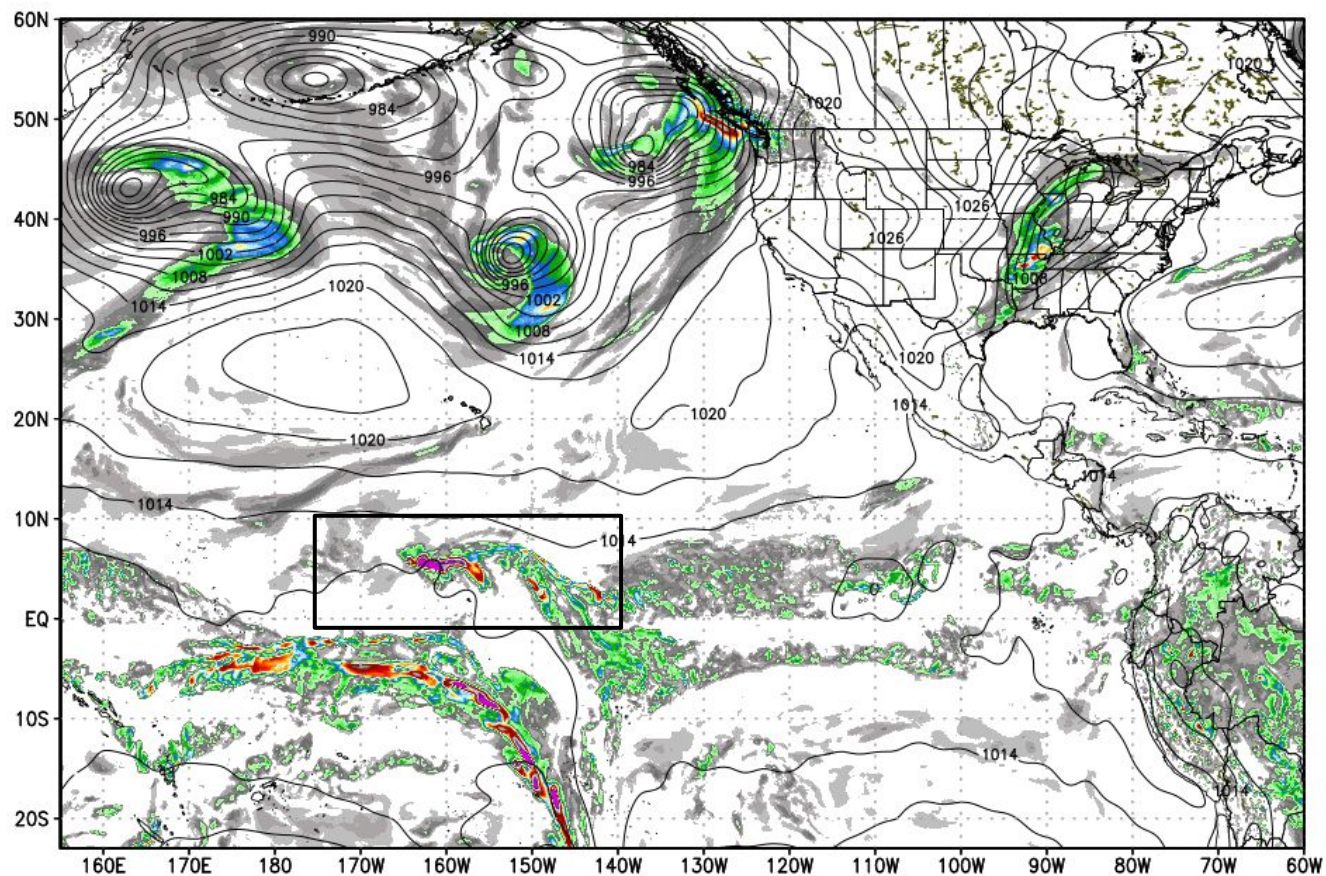
GFS Valid 00Z Mon



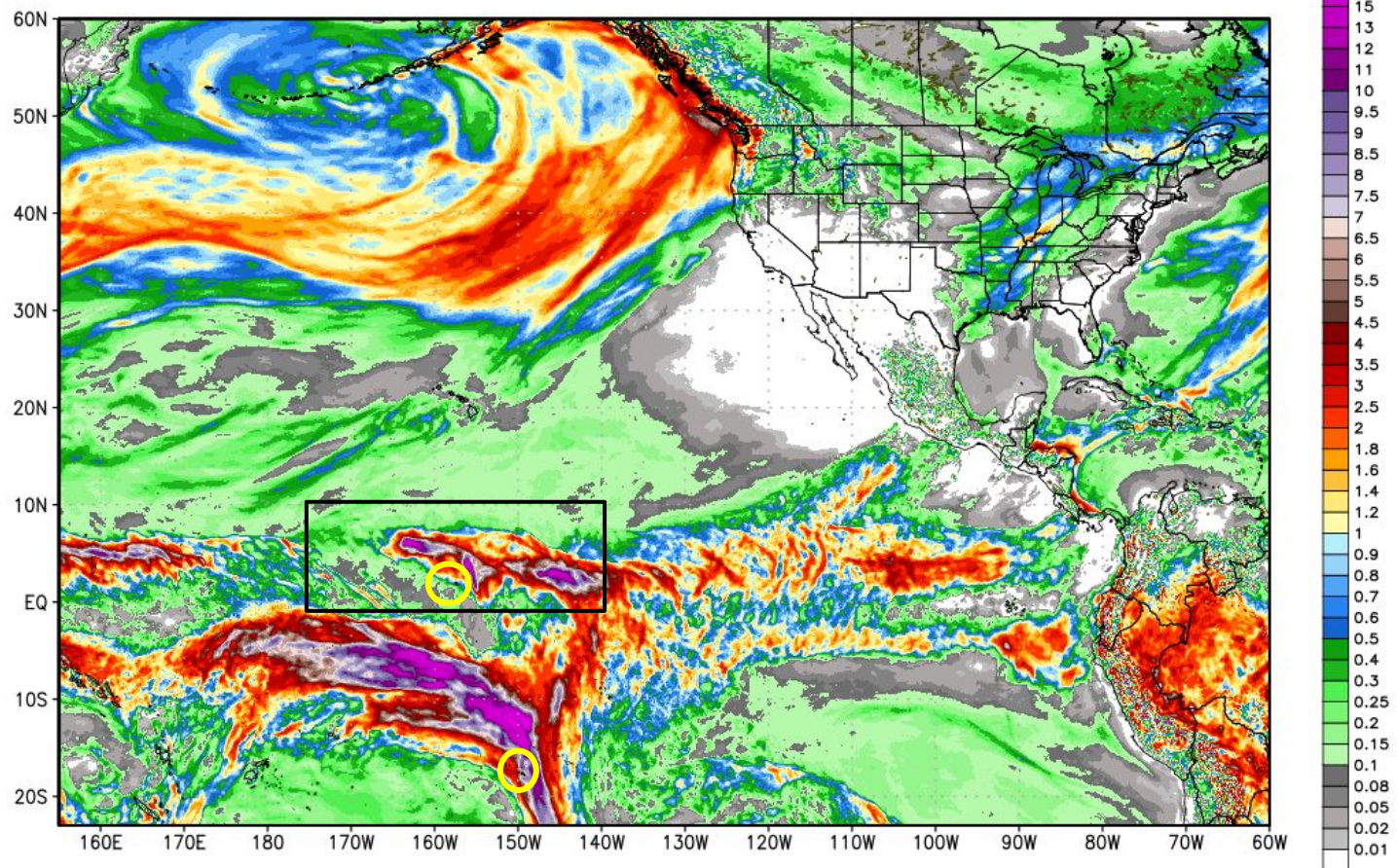
GFS Valid 00Z Tue



GFS Valid 00Z Wed

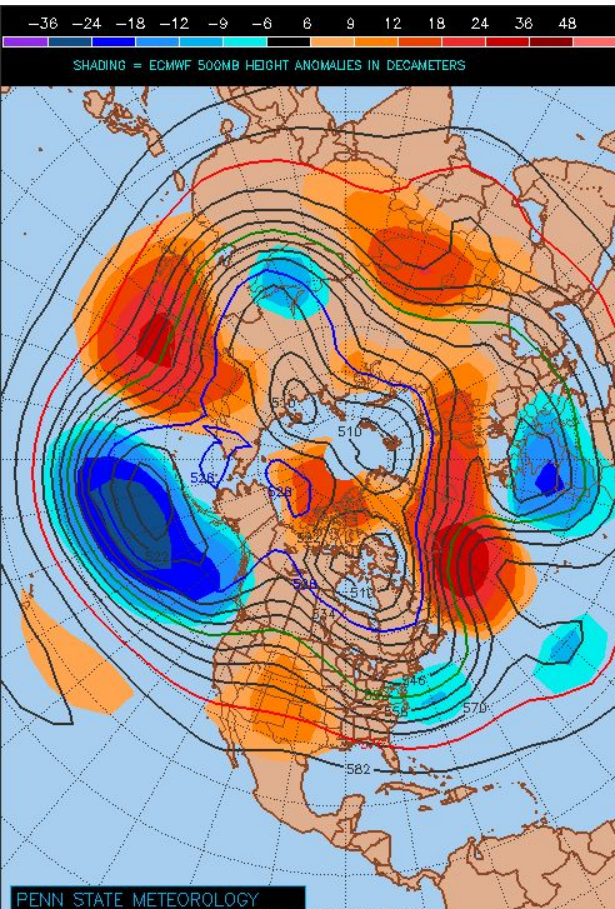


GFS 5-Day Pcpn End 00Z WED, March 2

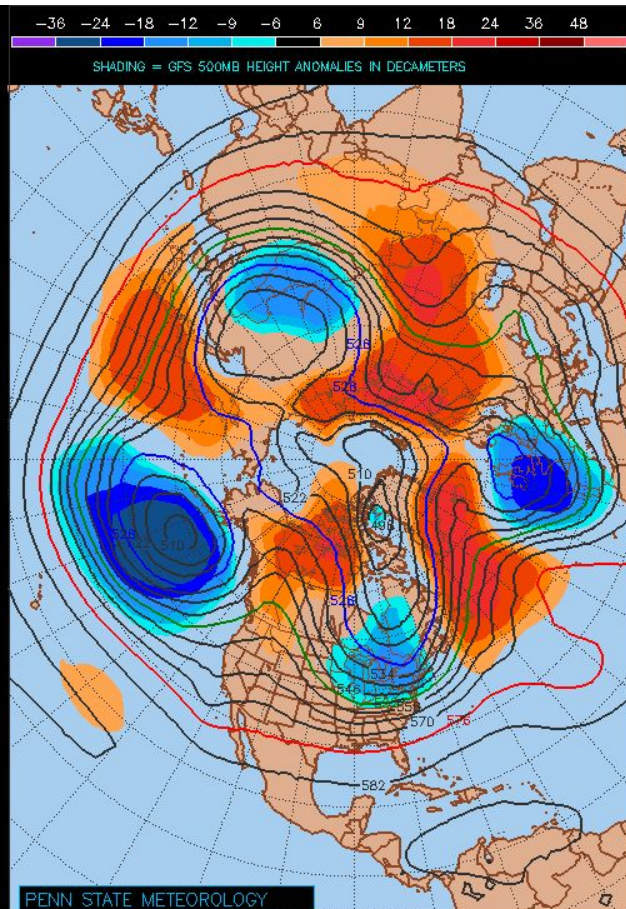


Medium - Long Range Forecast

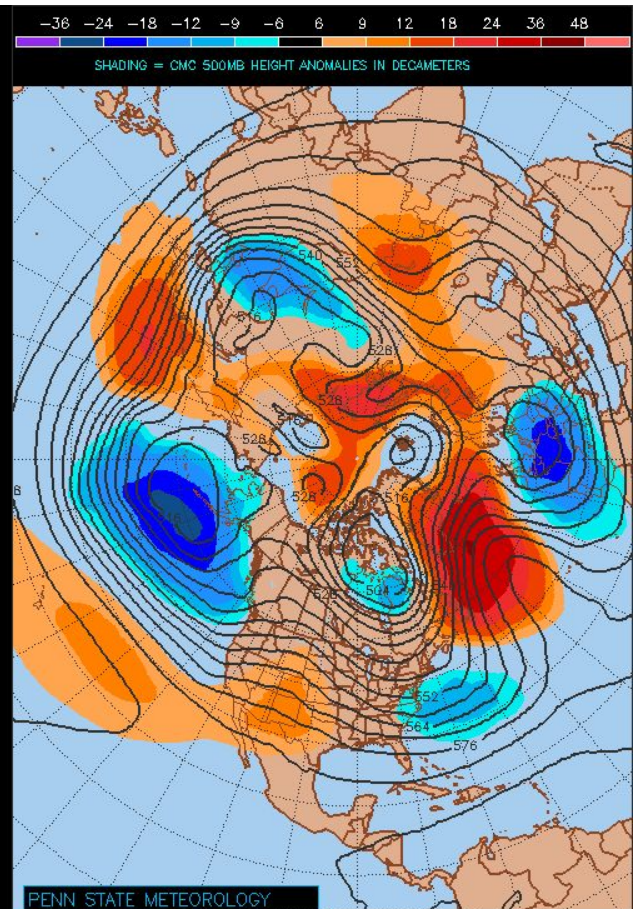
Day 7-10 Initialized 00Z FRI 25Feb



ECMWF 168-240 HR MEAN 500MB HGT
ENDING TIME = MON 160307/0000Z249 THU 090306/0000V000
INITIAL TIME = 160226/0000F240



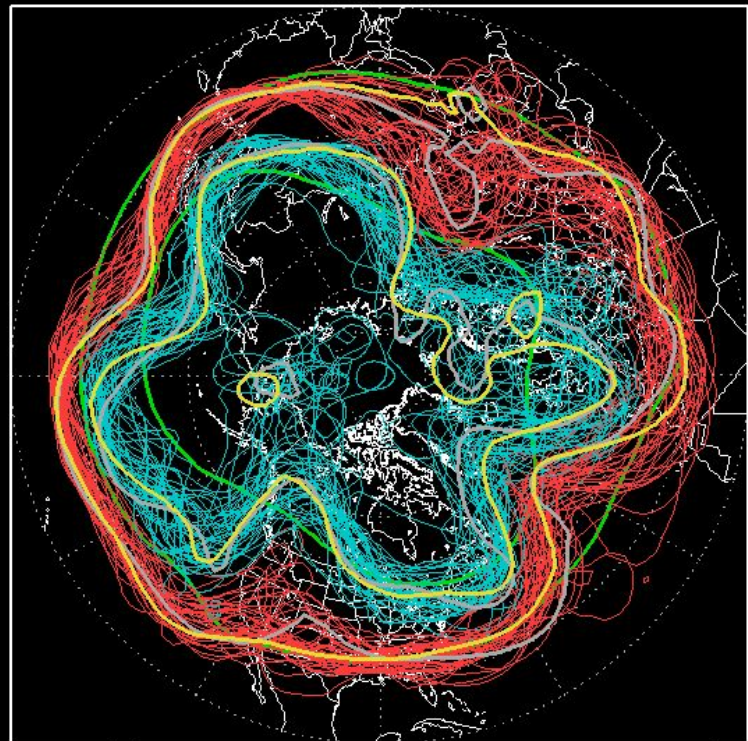
GFS 168-240 HR MEAN 500MB HGT



CMC 168-240 HR MEAN 500MB HGT

NCEP ENSEMBLE 500mb Z

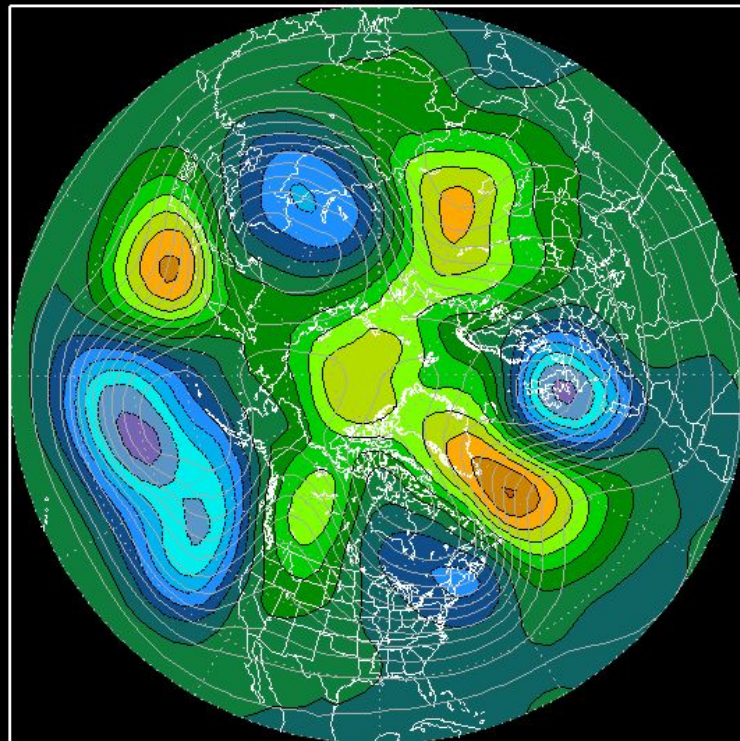
216H Forecast from: 00Z Fri FEB,26 2016
Valid time: 00Z Sun MAR,06 2016



00z Runs:(21) 12z Runs:(21)
— 5400m — 5700m — Cntrl 00z — Cntrl 12z — CLIM

NCEP ENSEMBLE MEAN ANOMALY- 500mbZ(m)

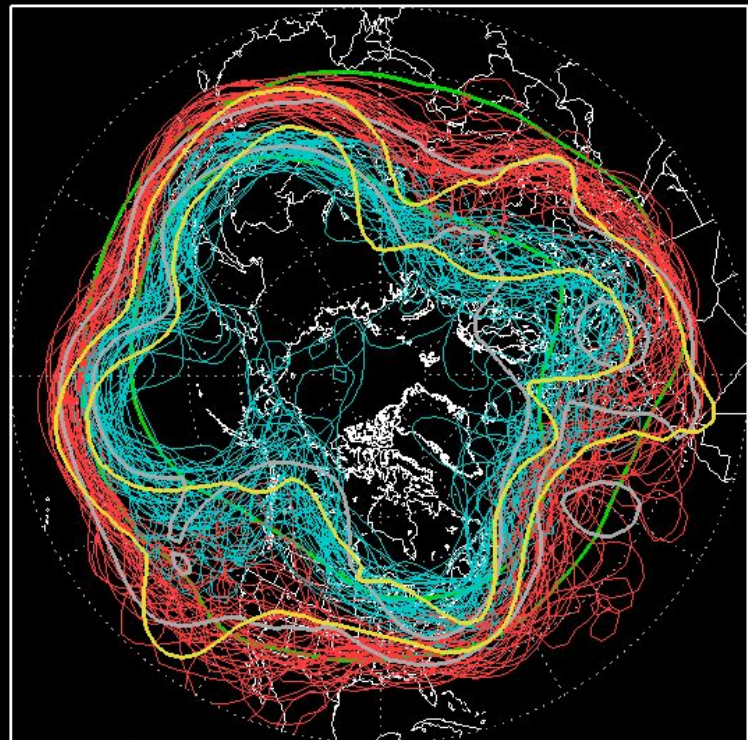
216H Forecast from: 00Z Fri FEB,26 2016
Valid time: 00Z Sun MAR,06 2016



-360 -280 -200 -120 -40 40 120 200 280 360

NCEP ENSEMBLE 500mb Z

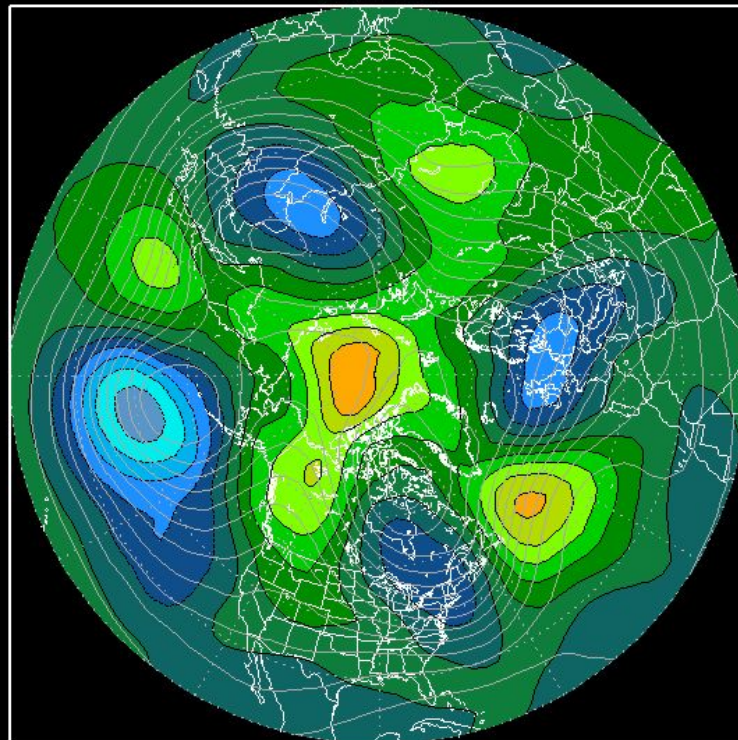
264H Forecast from: 00Z Wed FEB,24 2016
Valid time: 00Z Sun MAR,06 2016



00z Runs:(21) 12z Runs:(21)
— 5460m — 5700m — Cntrl 00z — Cntrl 12z — CLIM

NCEP ENSEMBLE MEAN ANOMALY- 500mbZ(m)

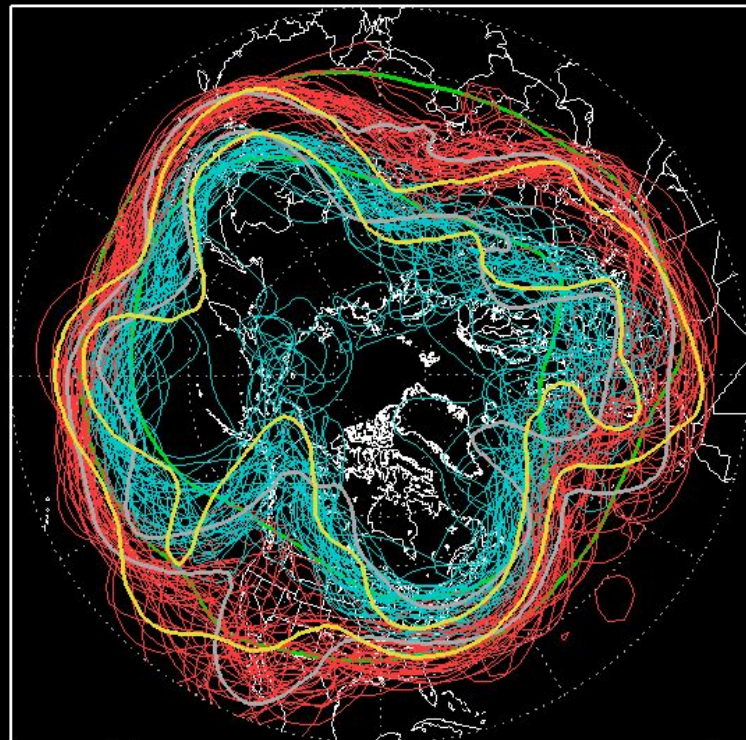
264H Forecast from: 00Z Wed FEB,24 2016
Valid time: 00Z Sun MAR,06 2016



-360 -280 -200 -120 -40 40 120 200 280 360

NCEP ENSEMBLE 500mb Z

288H Forecast from: 00Z Tue FEB,23 2016
Valid time: 00Z Sun MAR,06 2016

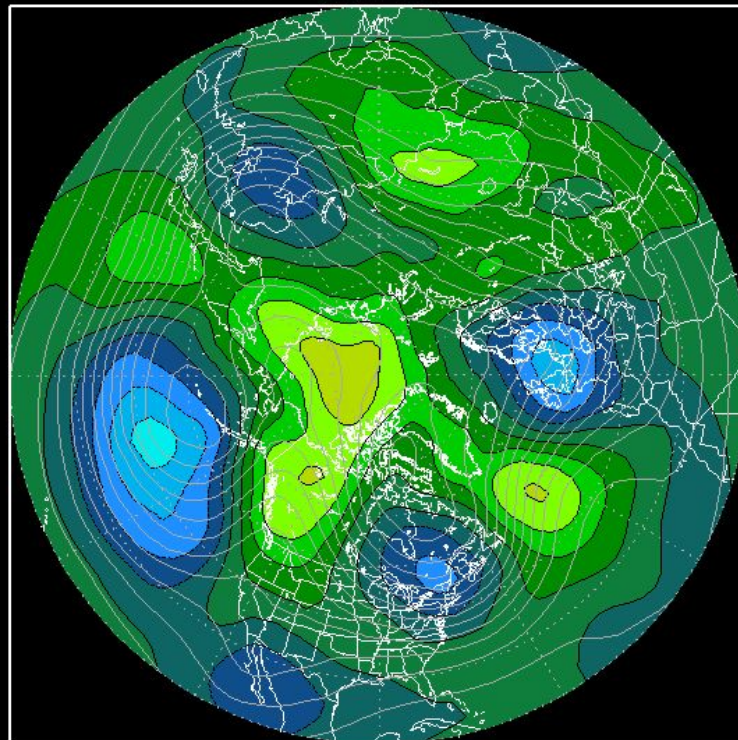


00z Runs:(21) 12z Runs:(21)

5460m 5700m Cntrl 00z Cntrl 12z CLIM

NCEP ENSEMBLE MEAN ANOMALY- 500mbZ(m)

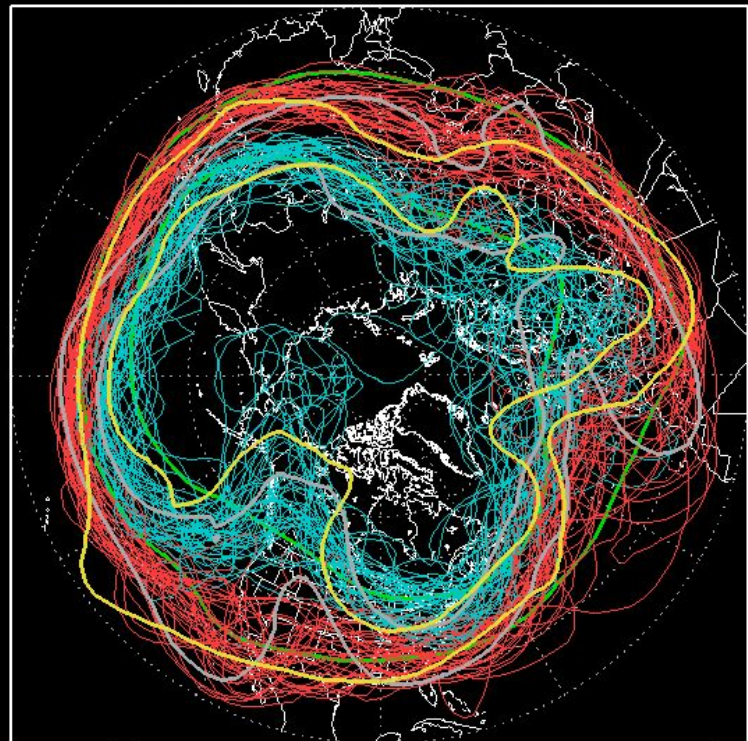
288H Forecast from: 00Z Tue FEB,23 2016
Valid time: 00Z Sun MAR,06 2016



-360 -280 -200 -120 -40 40 120 200 280 360

NCEP ENSEMBLE 500mb Z

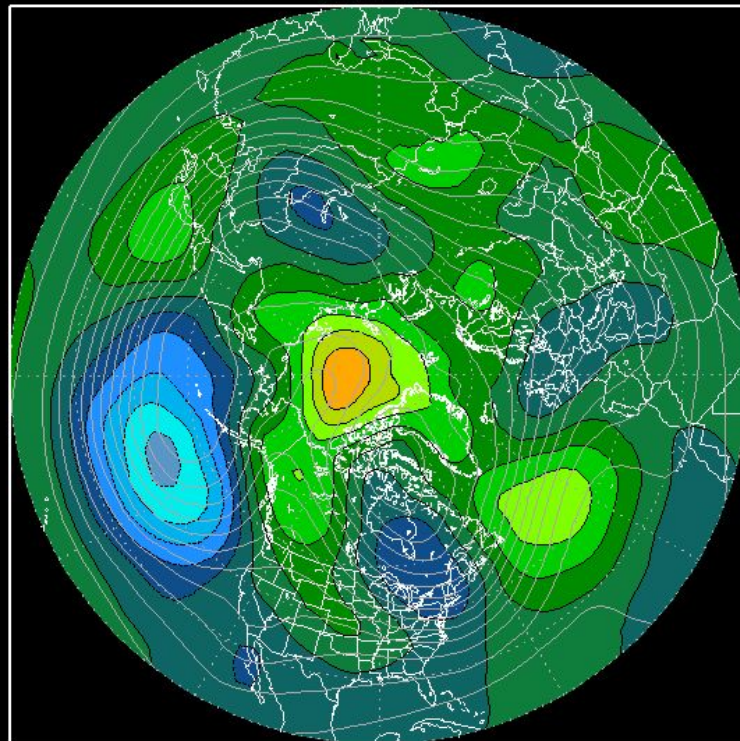
312H Forecast from: 00Z Mon FEB,22 2016
Valid time: 00Z Sun MAR,06 2016



00z Runs:(21) 12z Runs:(21)
5460m 5700m Cntrl 00z Cntrl 12z CLIM

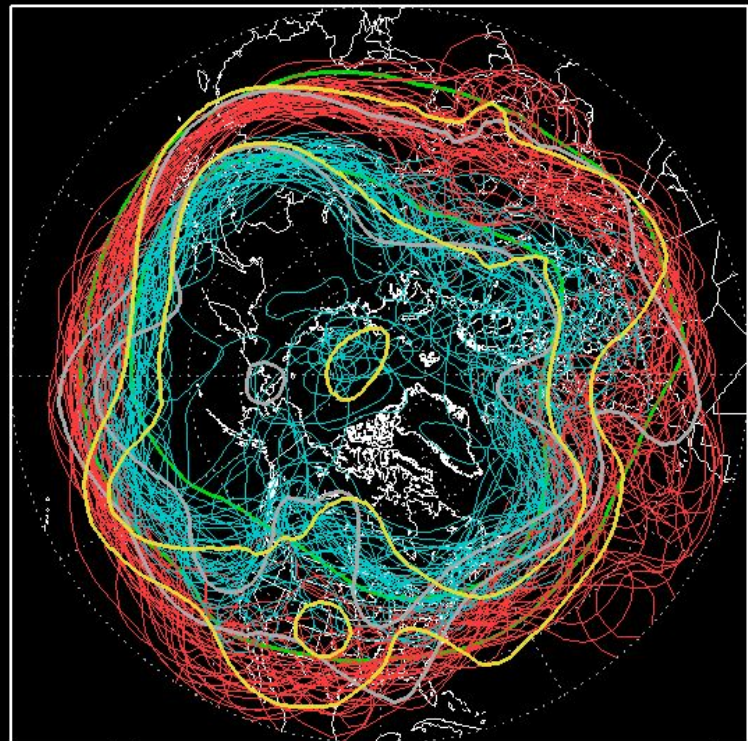
NCEP ENSEMBLE MEAN ANOMALY- 500mbZ(m)

312H Forecast from: 00Z Mon FEB,22 2016
Valid time: 00Z Sun MAR,06 2016



NCEP ENSEMBLE 500mb Z

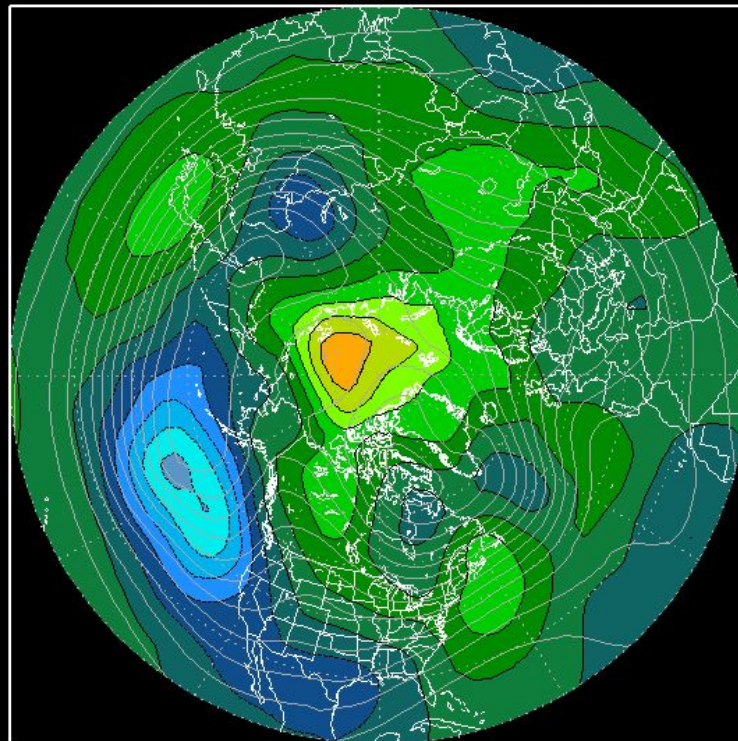
360H Forecast from: 00Z Sat FEB,20 2016
Valid time: 00Z Sun MAR,06 2016



00z Runs:(21) 12z Runs:(21)
5460m 5700m Cntrl 00z Cntrl 12z CLIM

NCEP ENSEMBLE MEAN ANOMALY- 500mbZ(m)

360H Forecast from: 00Z Sat FEB,20 2016
Valid time: 00Z Sun MAR,06 2016

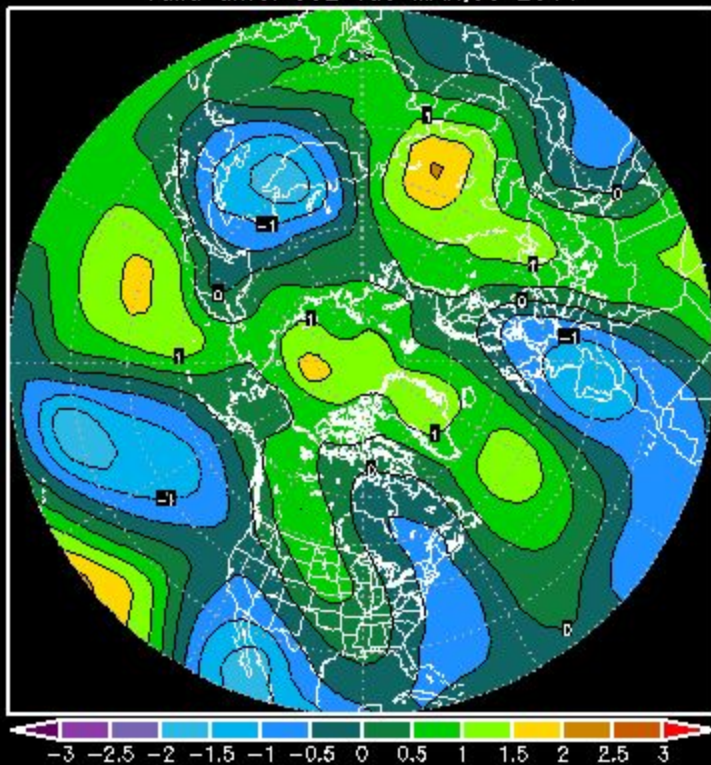


-360 -280 -200 -120 -40 40 120 200 280 360

NCEP ENS. MEAN NORM. ANOM - 500mb Z(m)

264H Forecast from: 00Z Fri FEB,26 2016

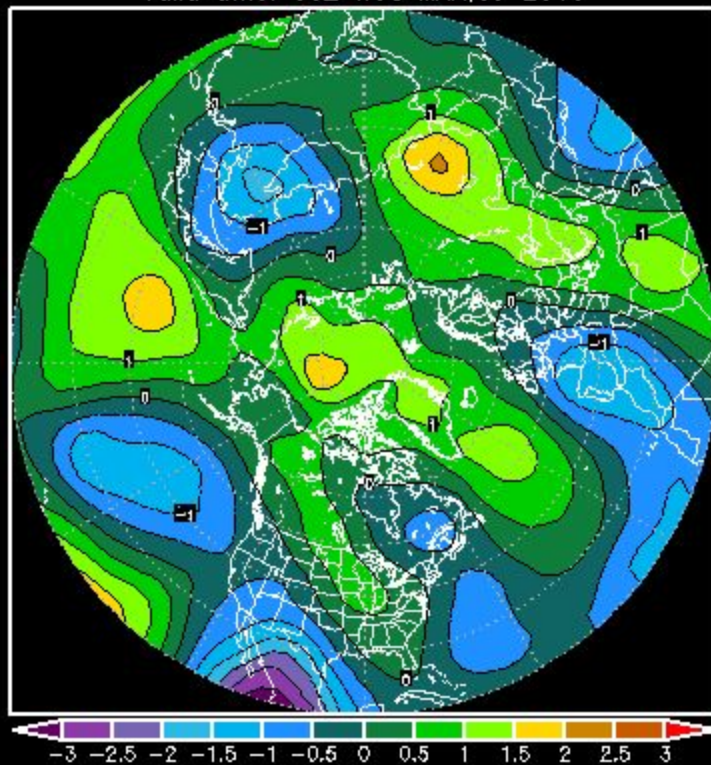
Valid time: 00Z Tue MAR,08 2016



NCEP ENS. MEAN NORM. ANOM - 500mb Z(m)

288H Forecast from: 00Z Fri FEB,26 2016

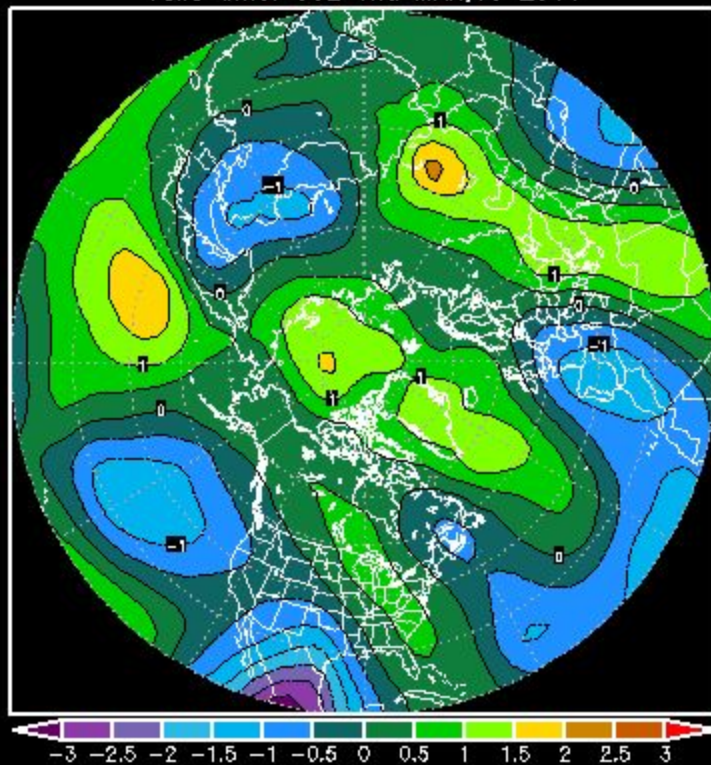
Valid time: 00Z Wed MAR,09 2016



NCEP ENS. MEAN NORM. ANOM - 500mb Z(m)

312H Forecast from: 00Z Fri FEB,26 2016

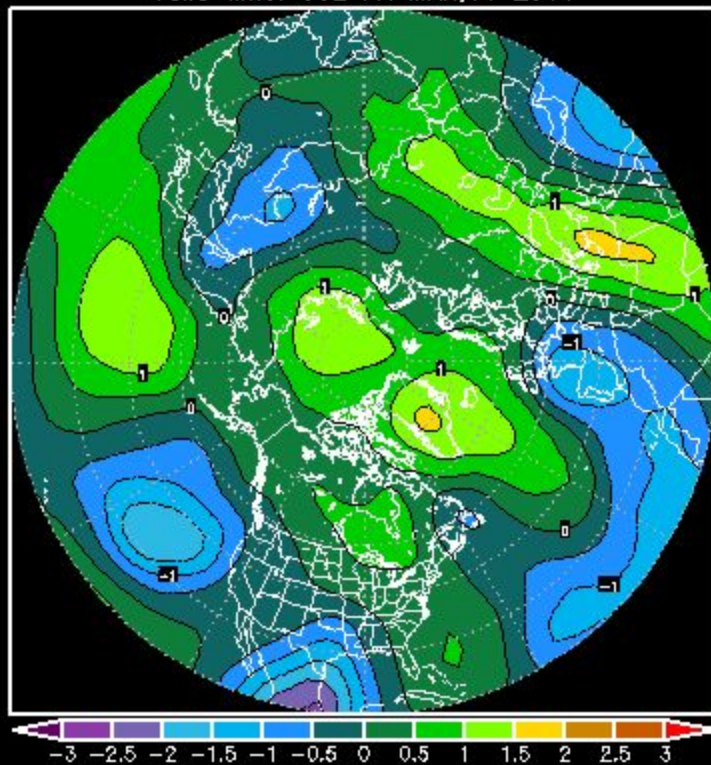
Valid time: 00Z Thu MAR,10 2016



NCEP ENS. MEAN NORM. ANOM - 500mb Z(m)

336H Forecast from: 00Z Fri FEB,26 2016

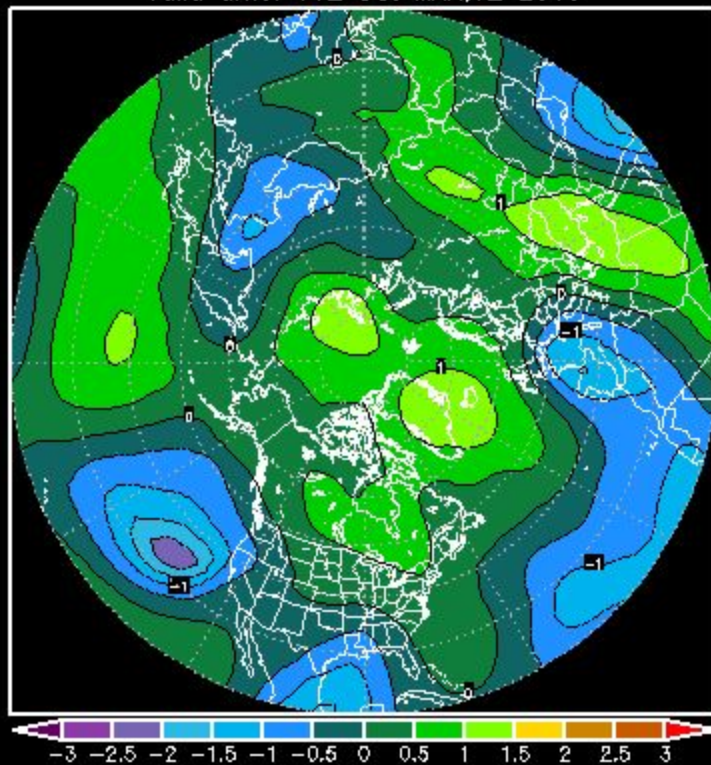
Valid time: 00Z Fri MAR,11 2016



NCEP ENS. MEAN NORM. ANOM - 500mb Z(m)

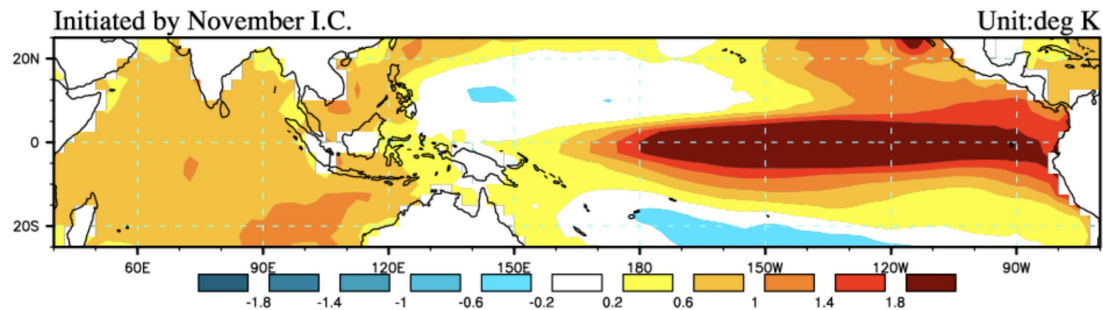
360H Forecast from: 00Z Fri FEB,26 2016

Valid time: 00Z Sat MAR,12 2016



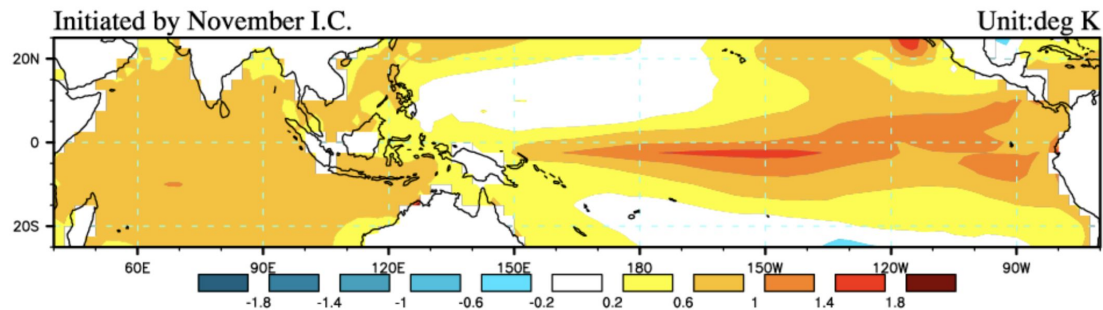
So What Did You Expect?

SST Anomaly for DJF 2015



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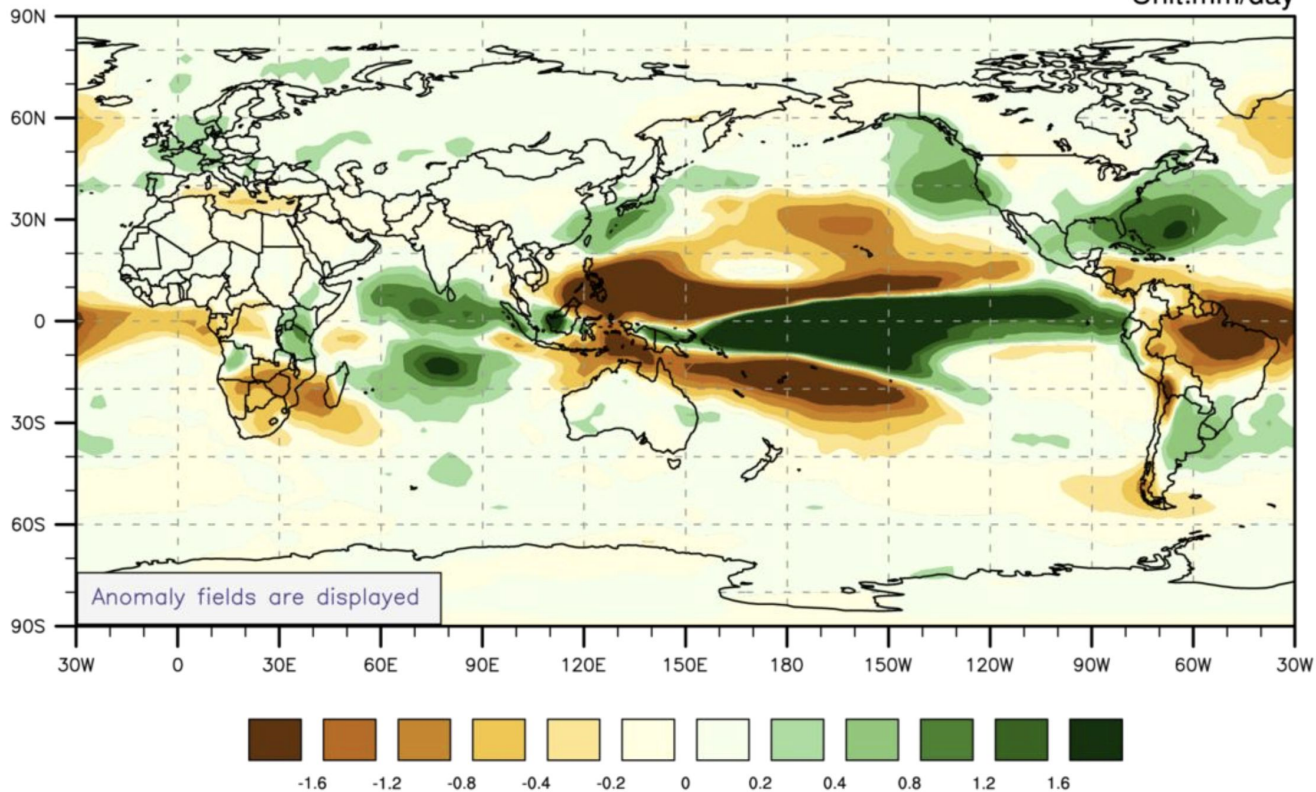
SST Anomaly for MAM 2016



© APEC Climate Center

Precipitation for December 2015-February 2016

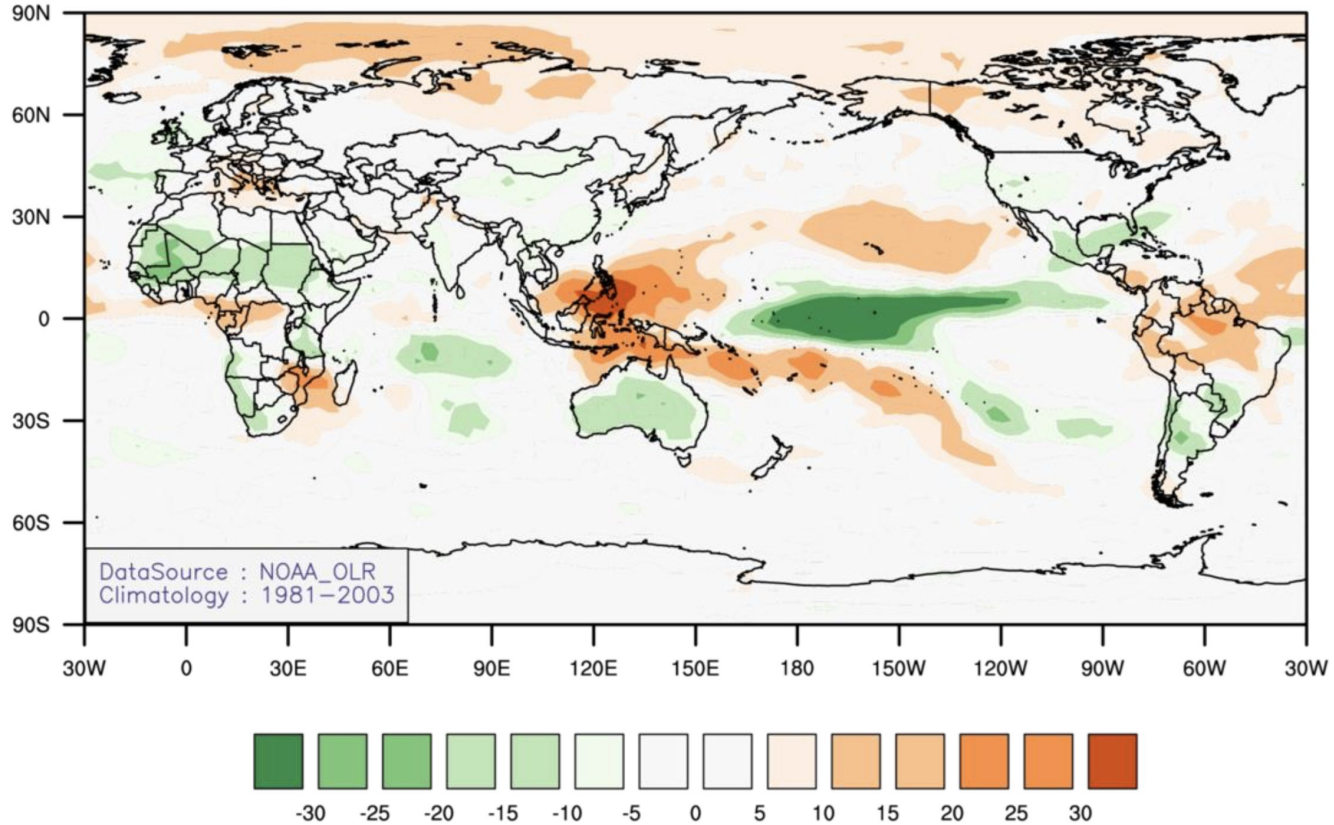
Unit:mm/day



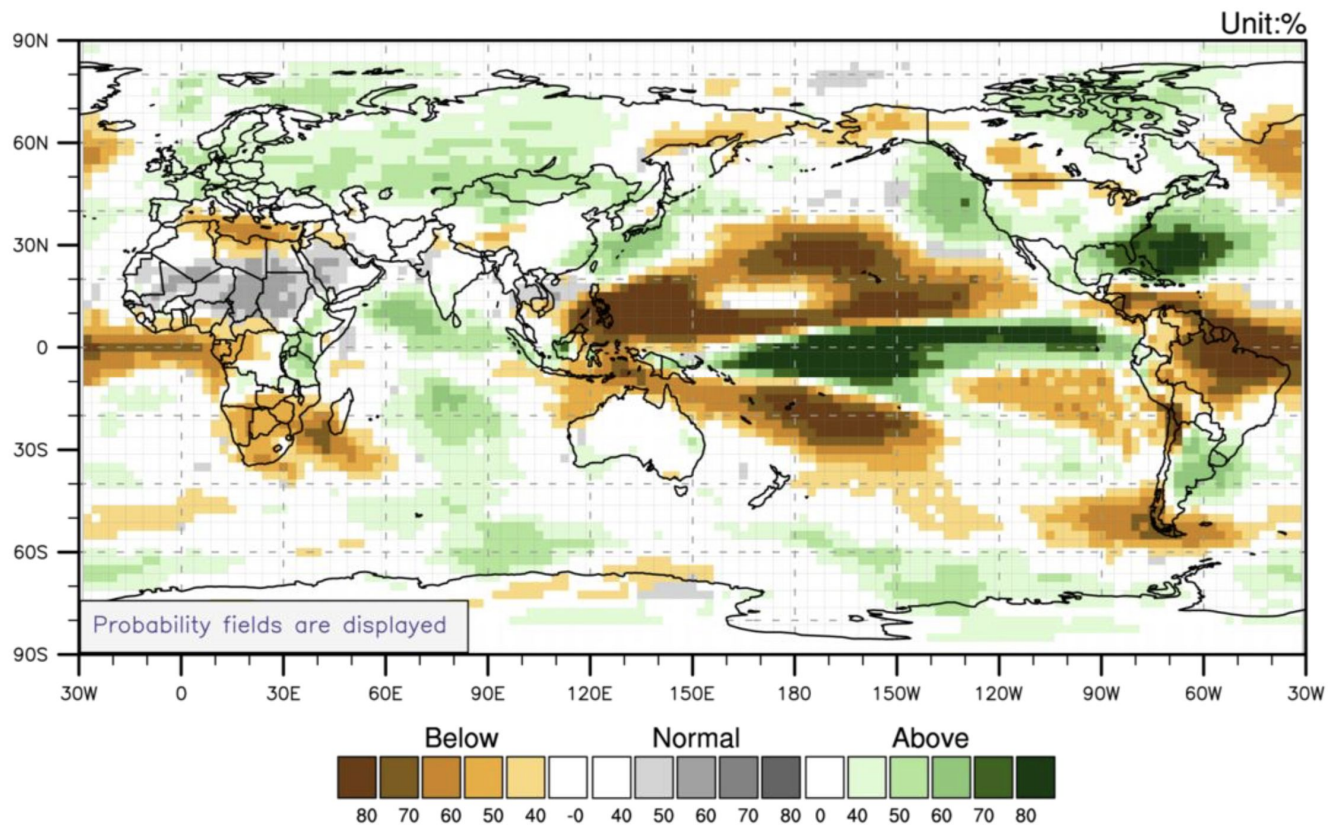
OLR Anomaly

Dec 1 2015 - Feb 12 2016

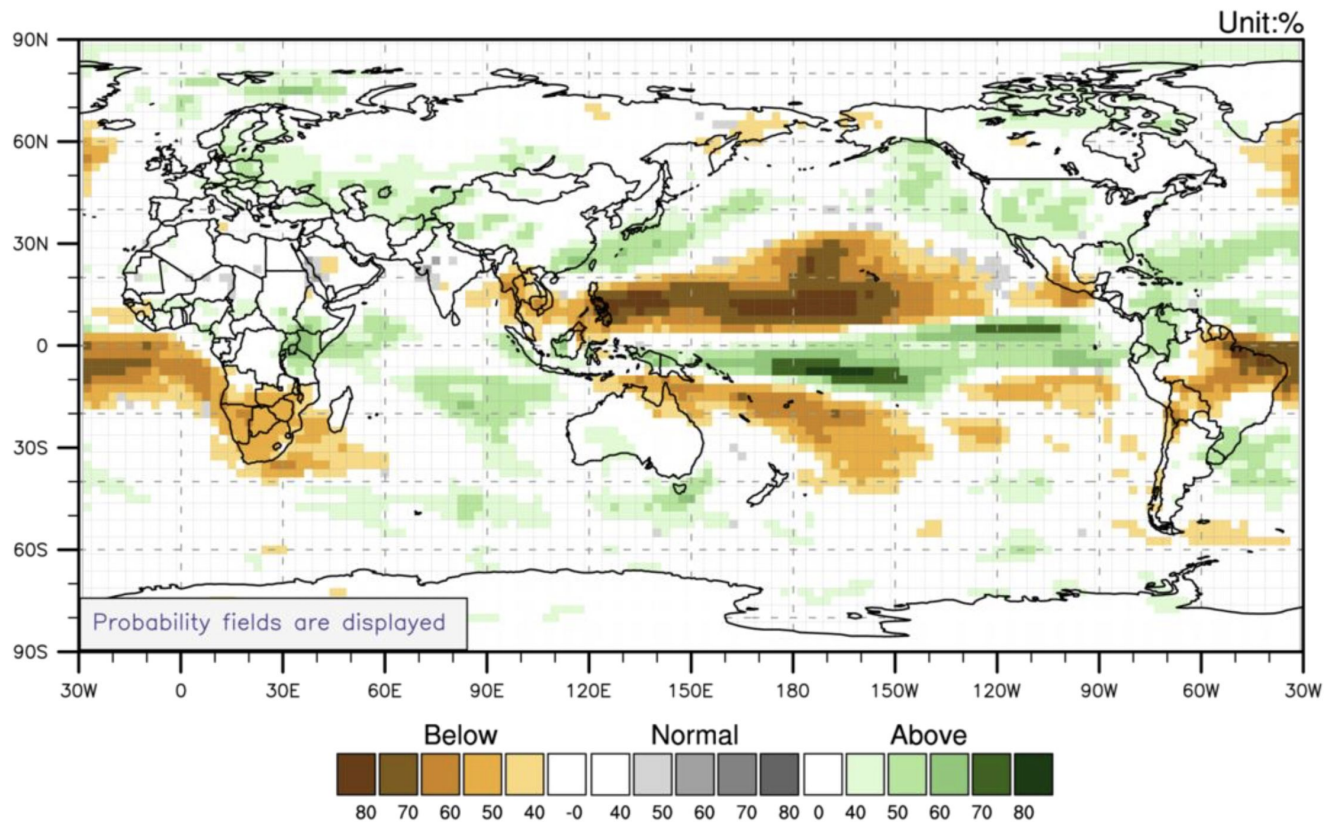
Unit : W/m²



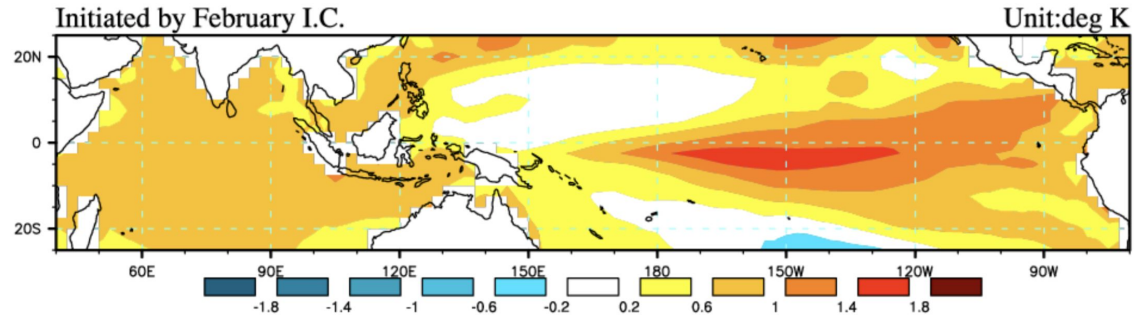
Precipitation for December 2015-February 2016



Precipitation for March-May 2016

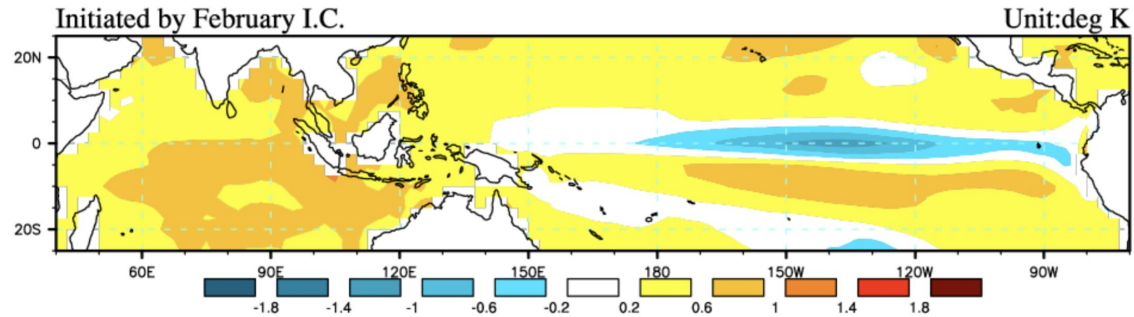


SST Anomaly for MAM 2016



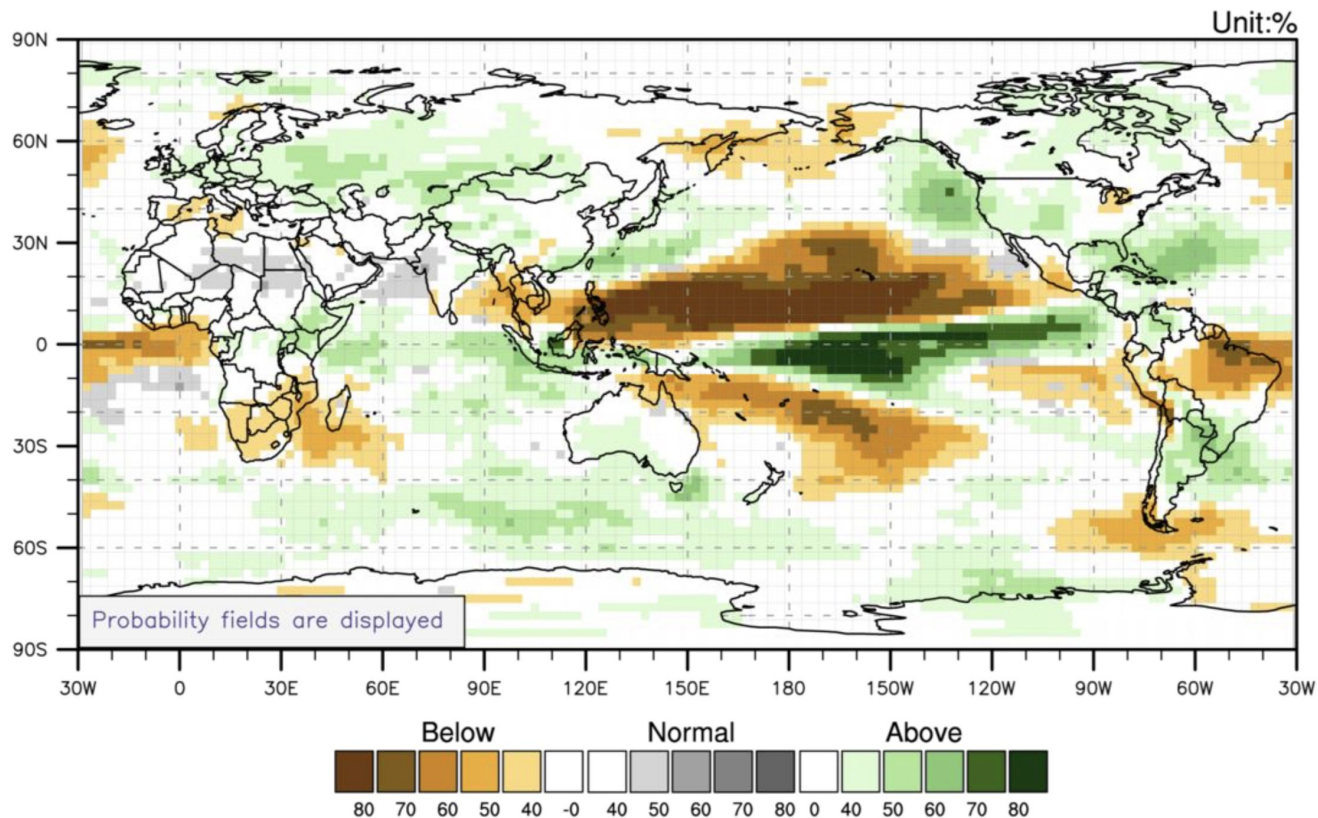
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SST Anomaly for JJA 2016



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Precipitation for March-May 2016



Precipitation for March-May 2016

