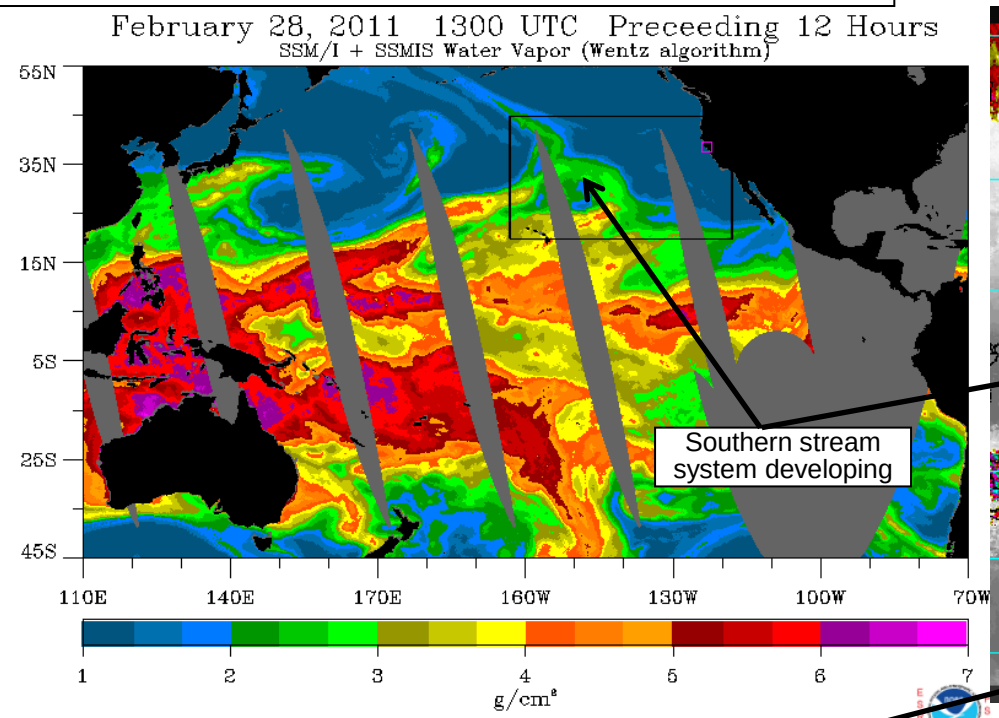
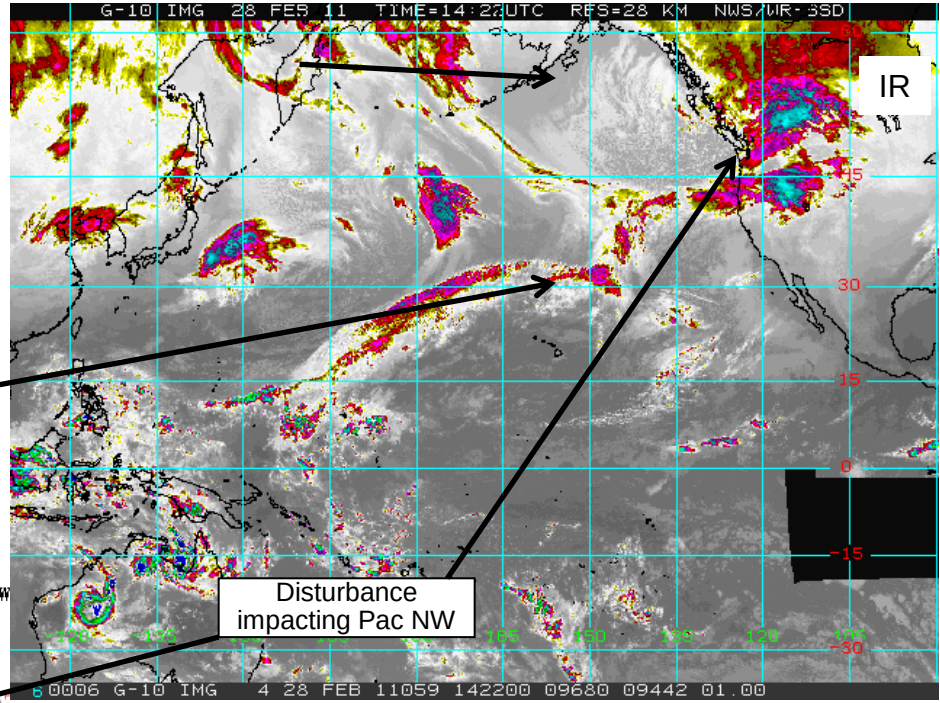
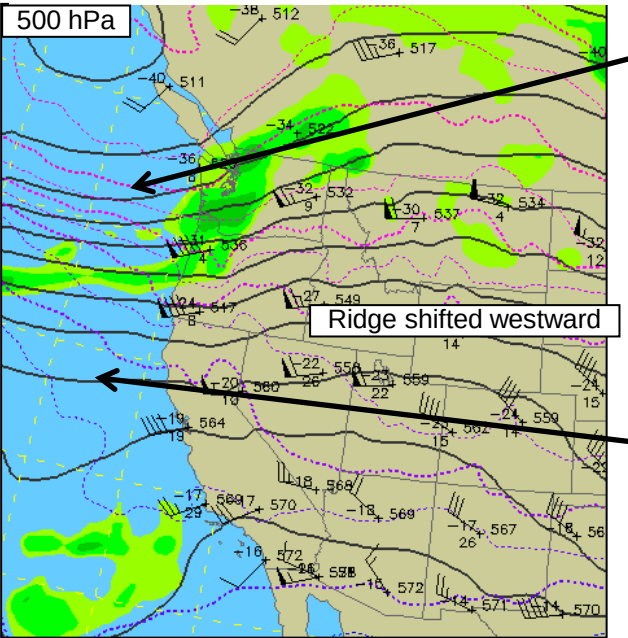
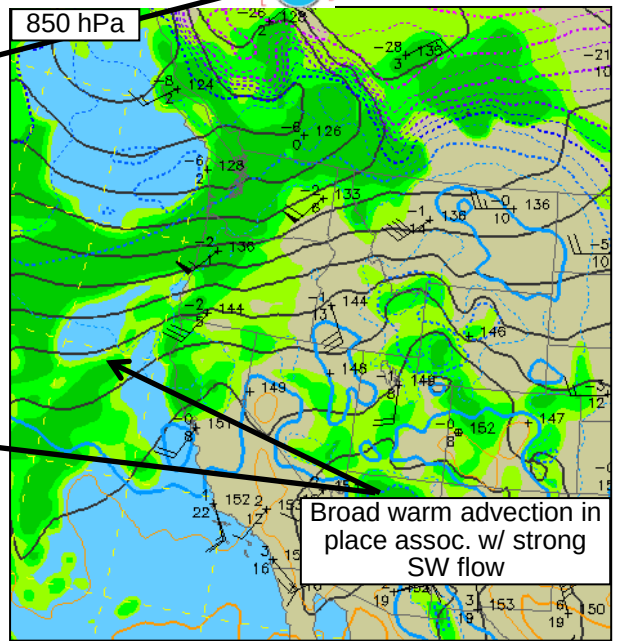
Weather forecast graphics for CalWater/HMT-2011: 28 February 2011

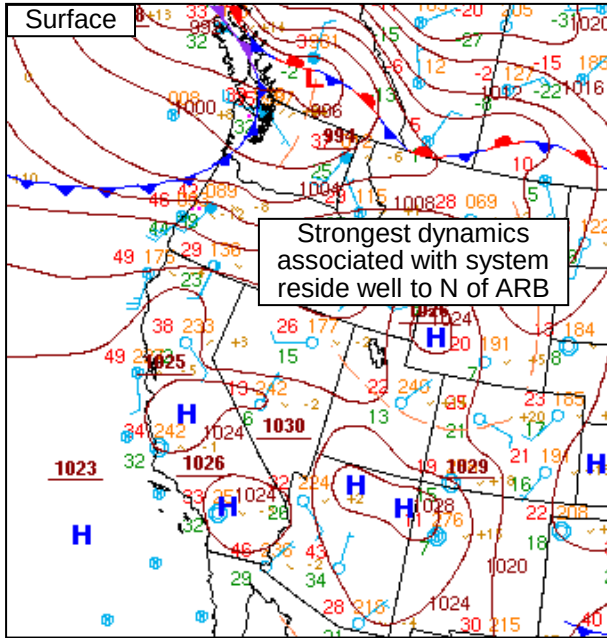
Conditions this morning





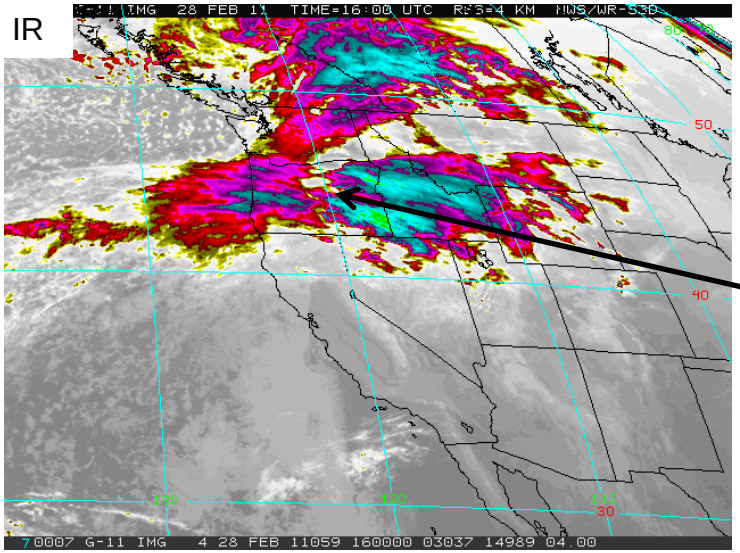




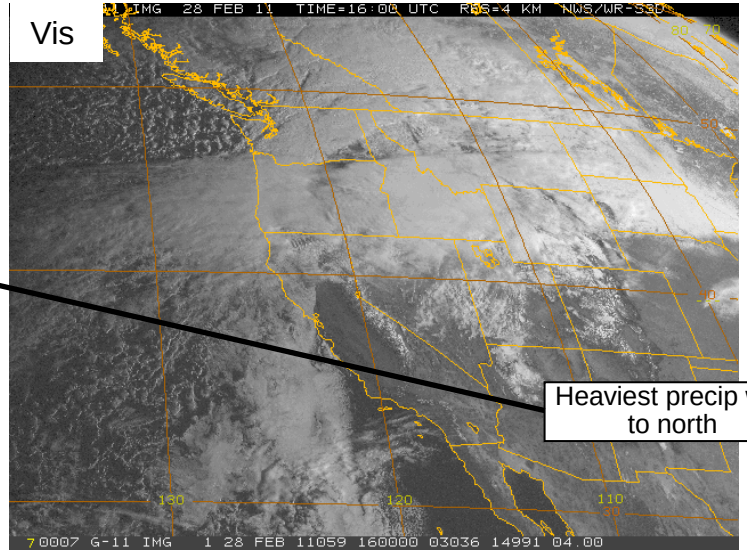


Conditions this morning

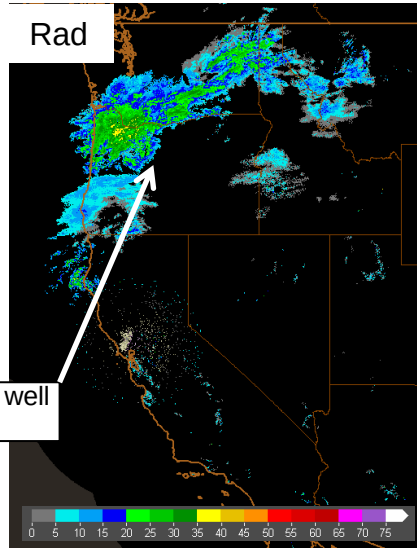
IR



Vis

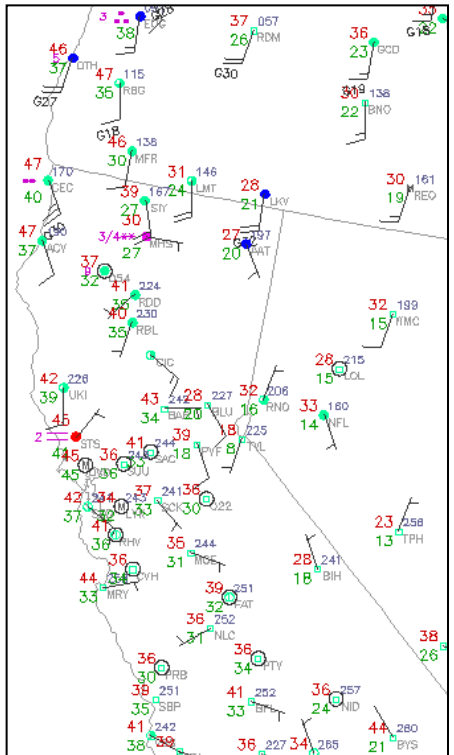


Rad

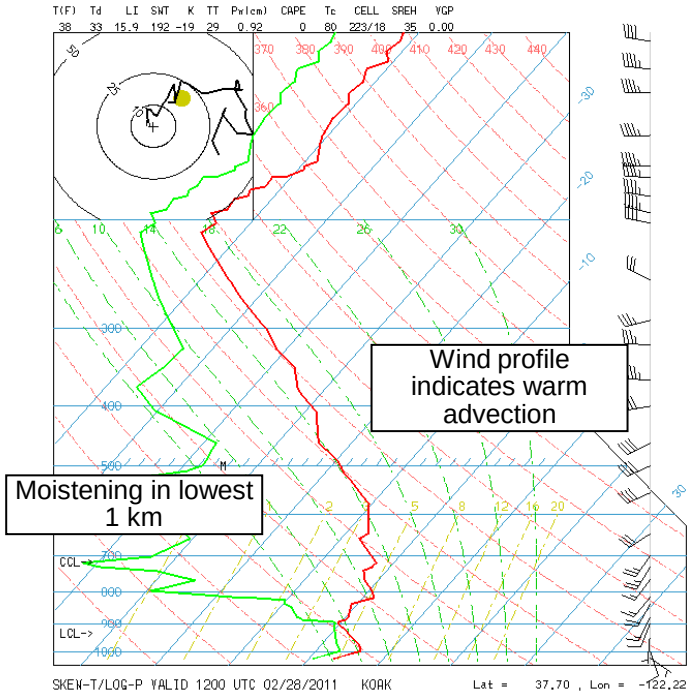


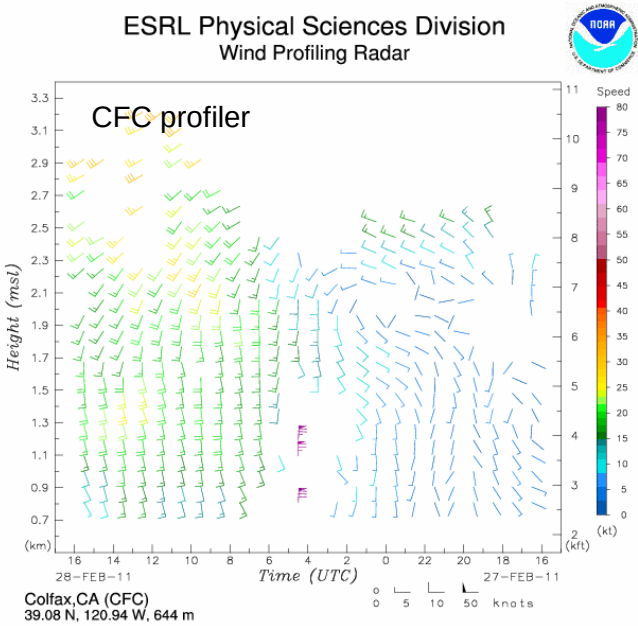
Heaviest precip well to north

Surface

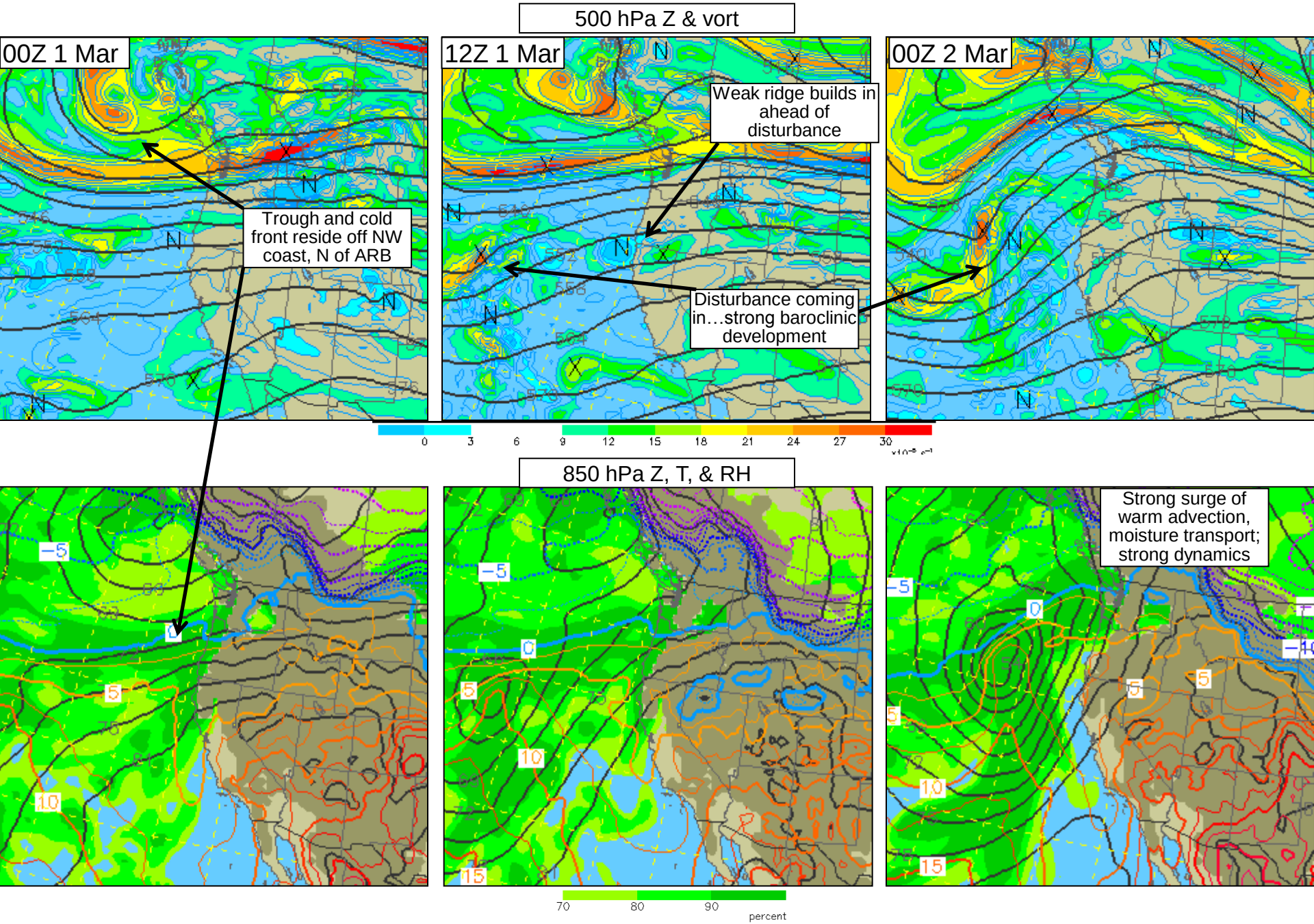


OAK Sounding

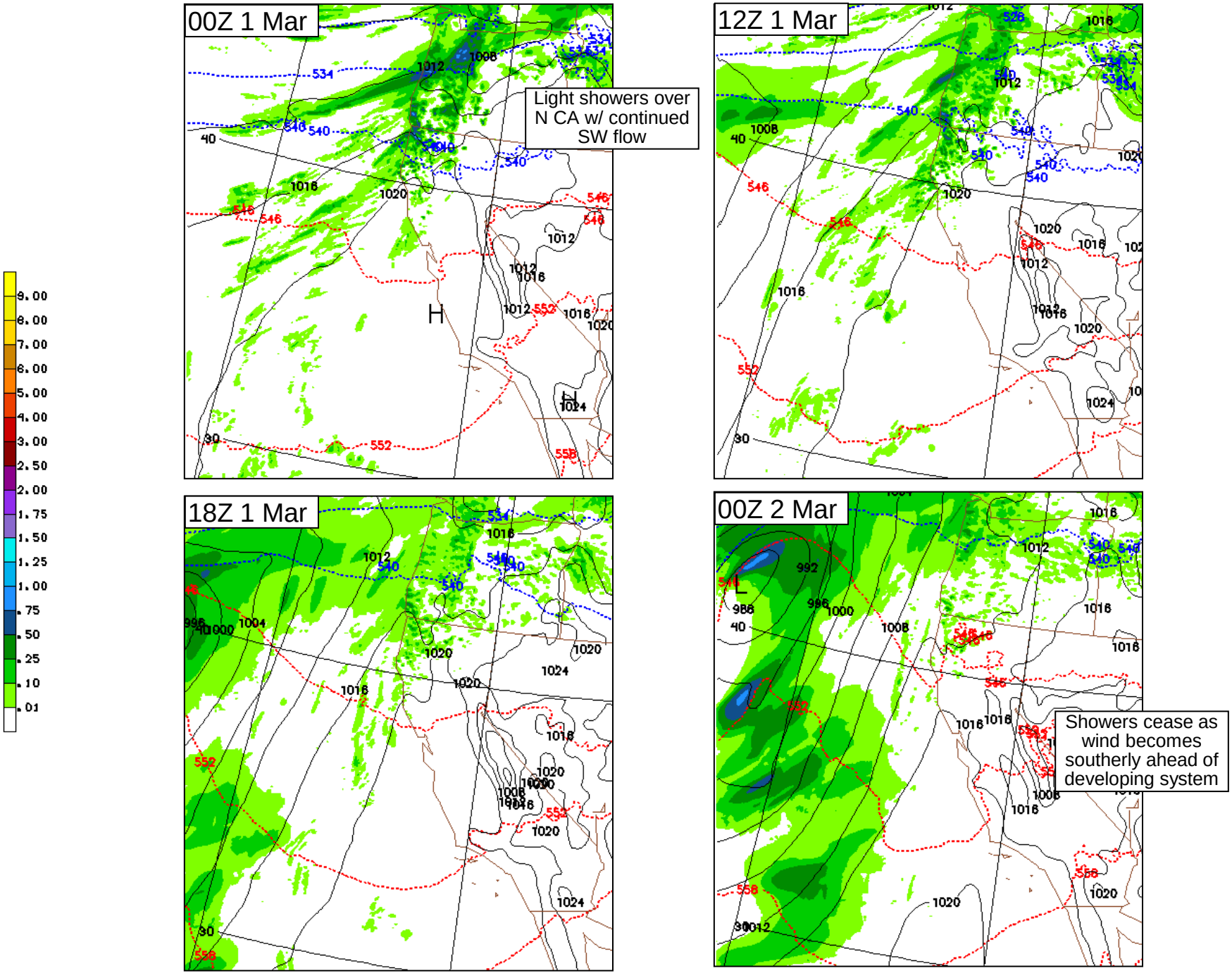




Short-range synoptic-scale outlook: 00Z 1 Mar – 00Z 2 Mar

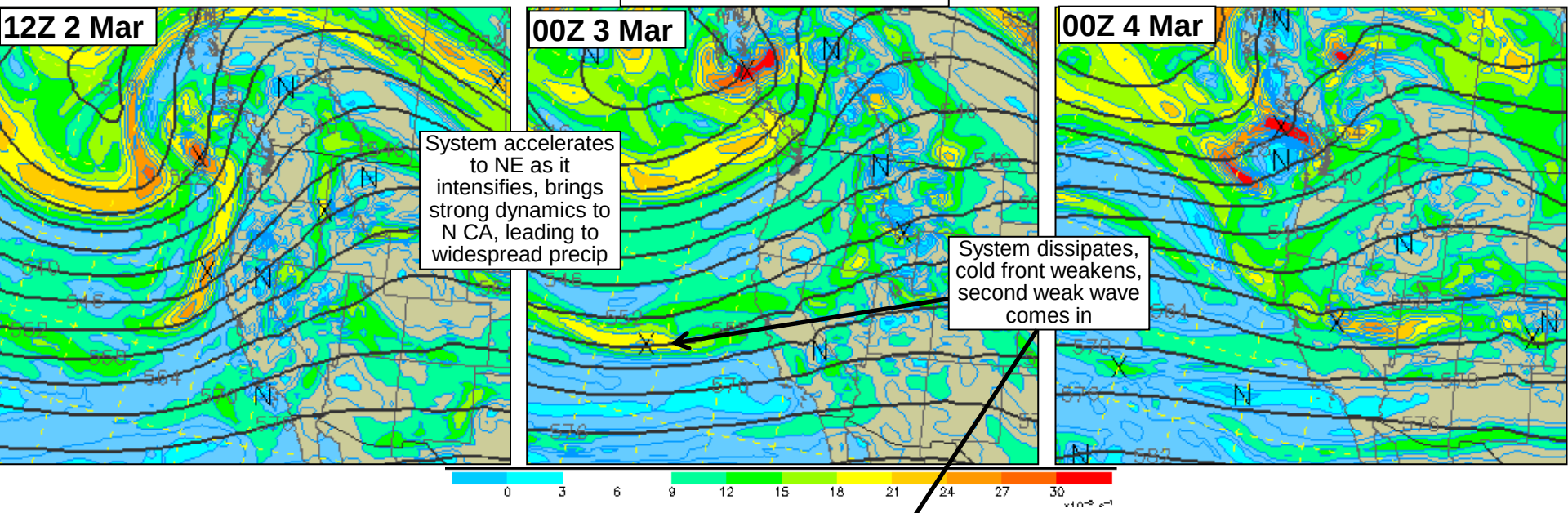


MSLP, thickness, precip

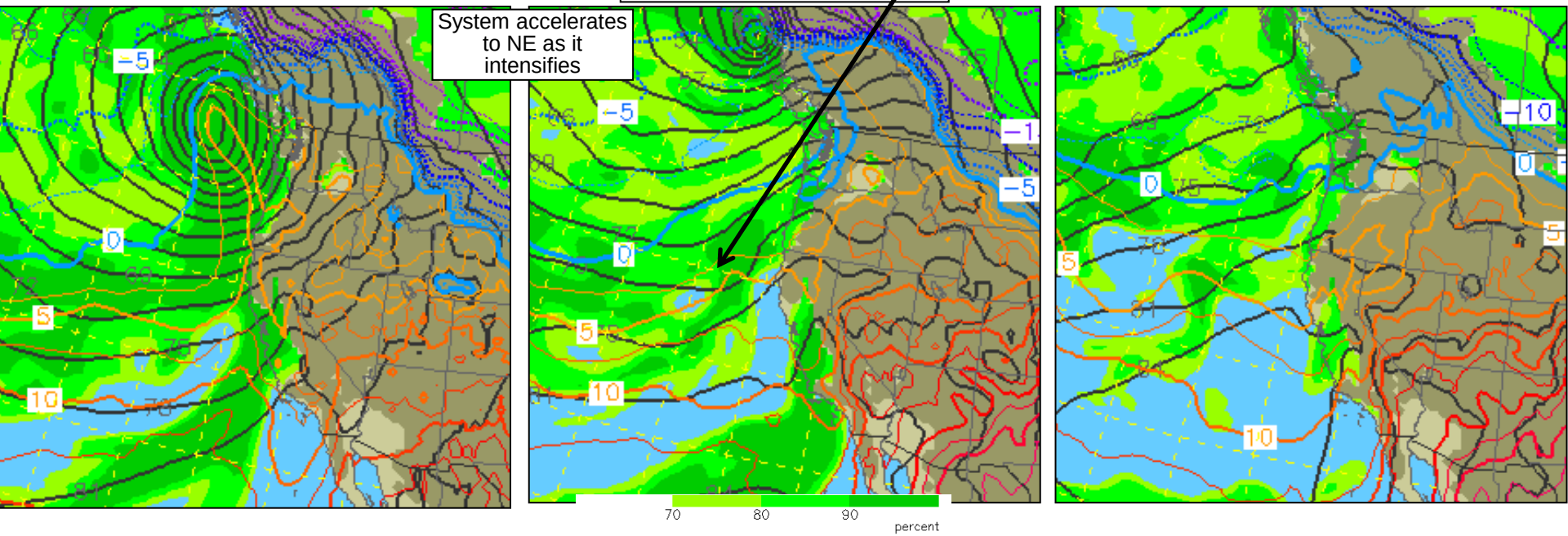


Short-range synoptic-scale outlook: 12Z 2 Mar – 00Z 4 Mar

500 hPa Z & vort



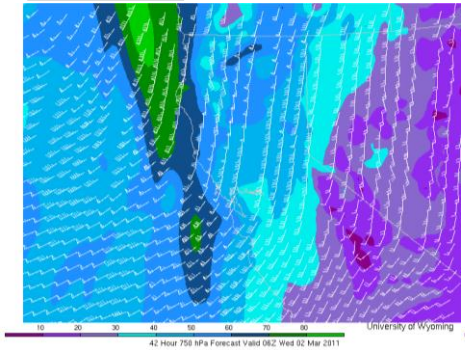
850 hPa Z, T, & RH



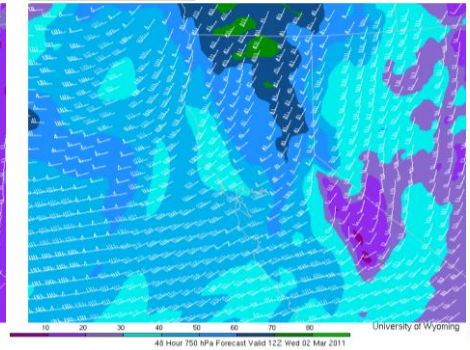
Short-term low-level wind outlook from NAM

750 hPa (~2.5 km) winds

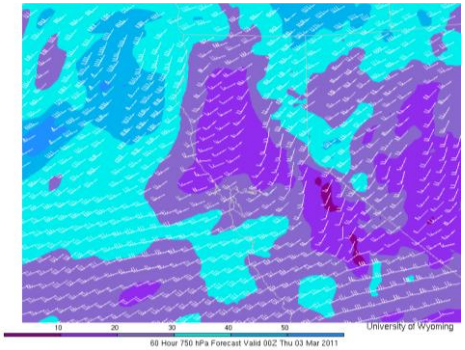
06Z 2 Mar



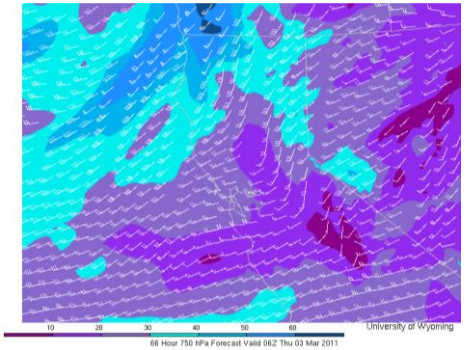
12Z 2 Mar



00Z 3 Mar



06Z 3 Mar

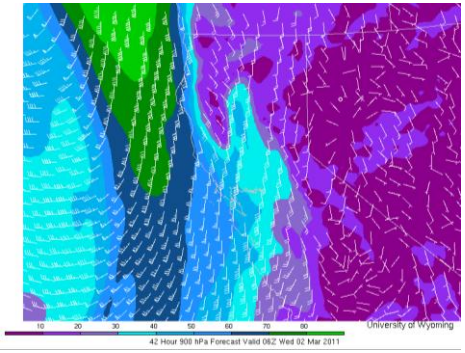


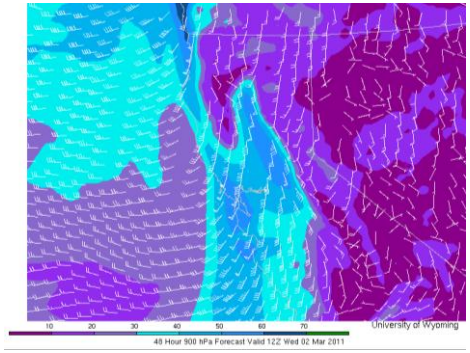
Strong southerly flow ahead of developing system

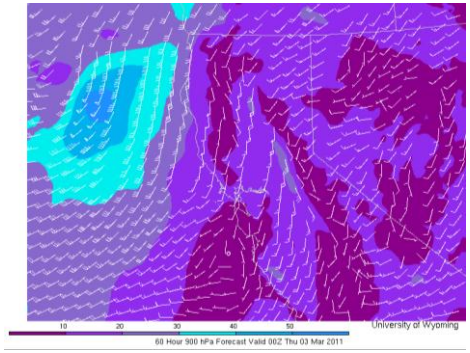
SW flow after strongest dynamics move through favors orographics

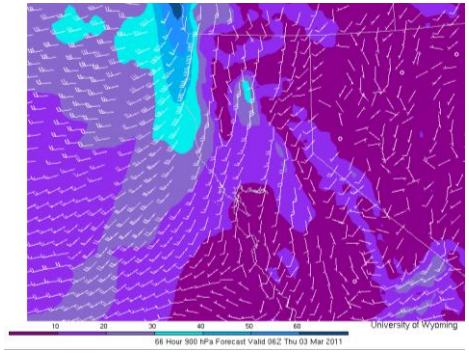
Weak wave comes in and brings a second burst of strong SW flow and weak dynamical forcing

900 hPa (~1 km) winds

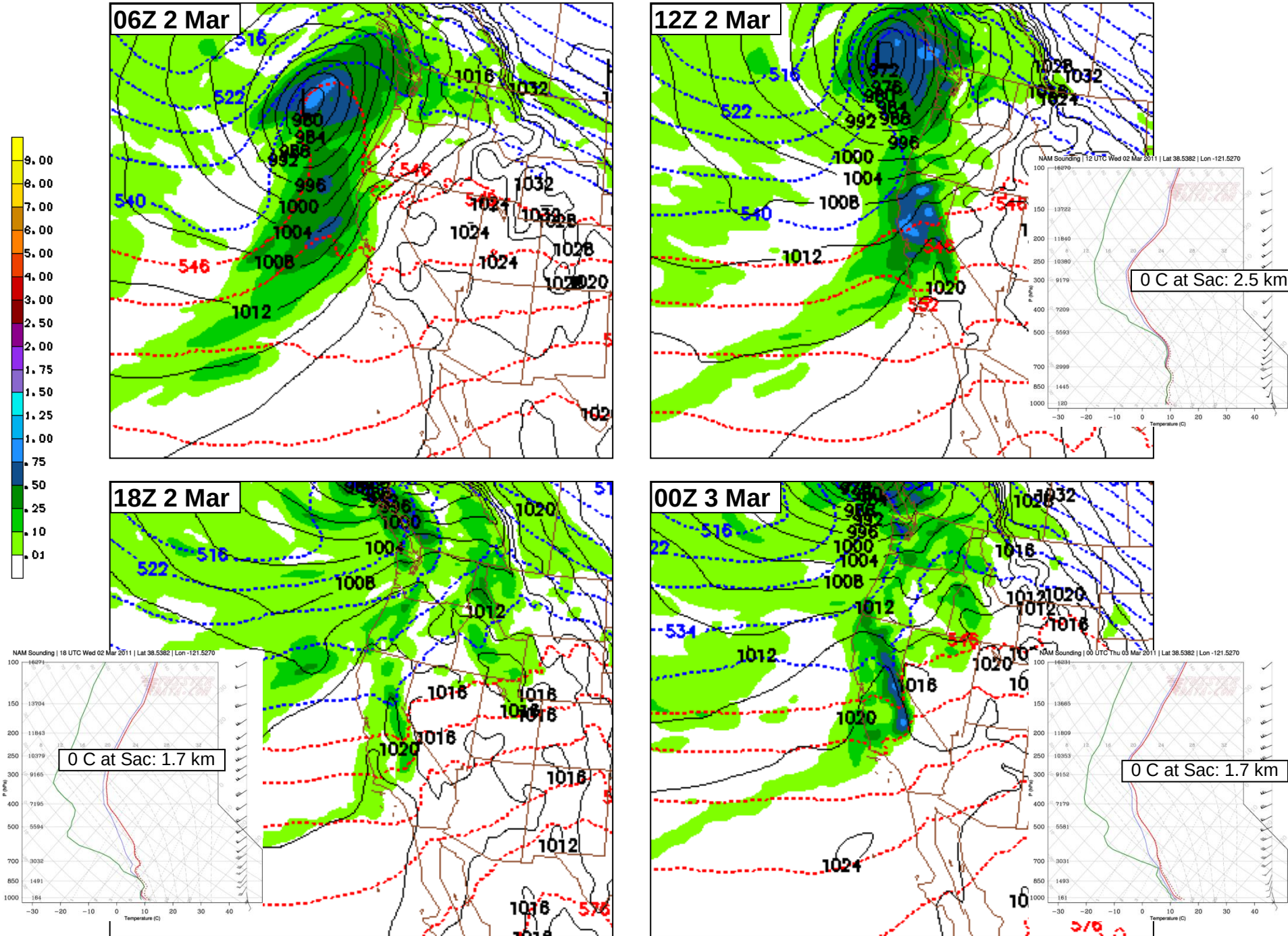




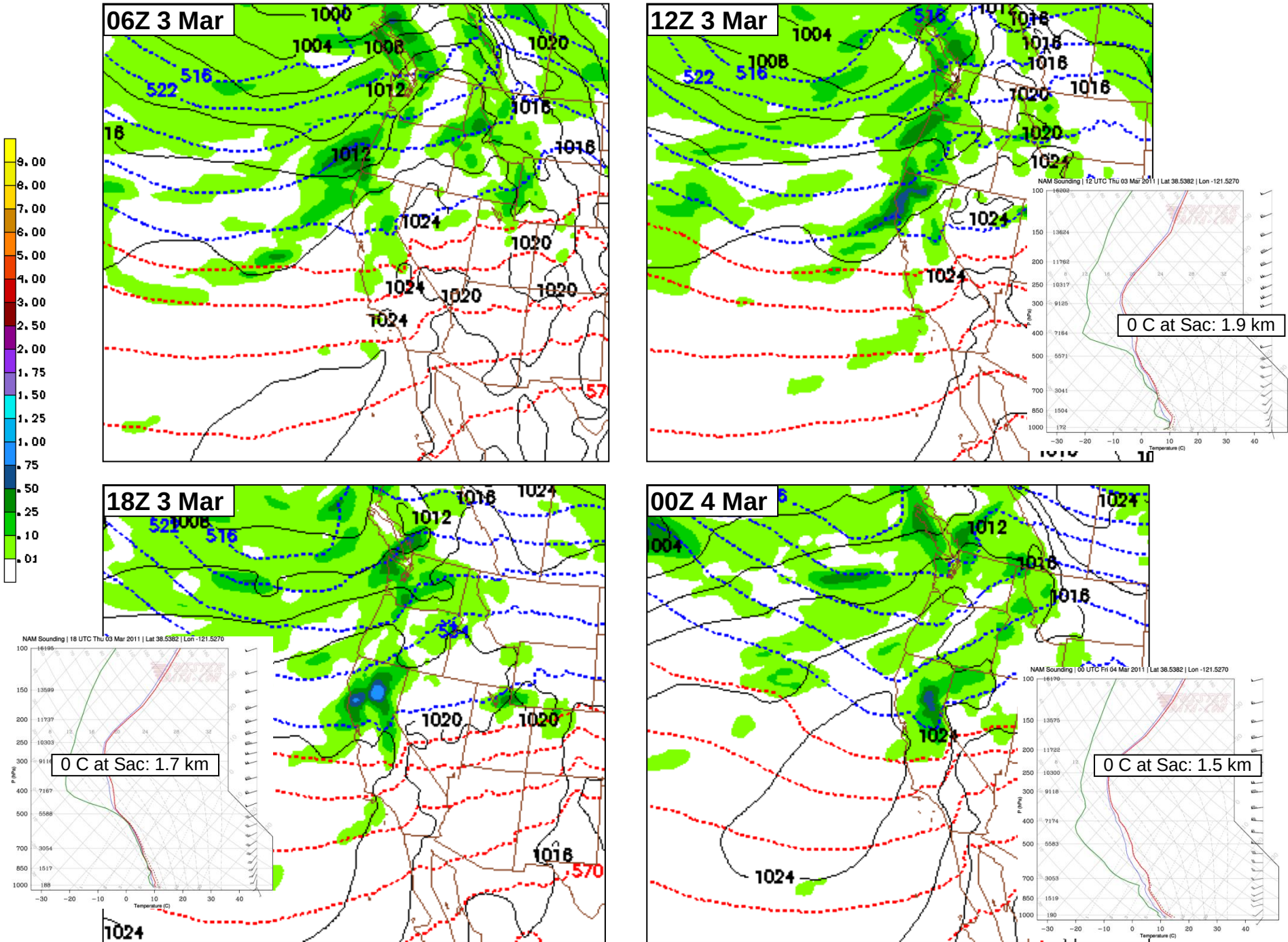




MSLP, thickness, precip

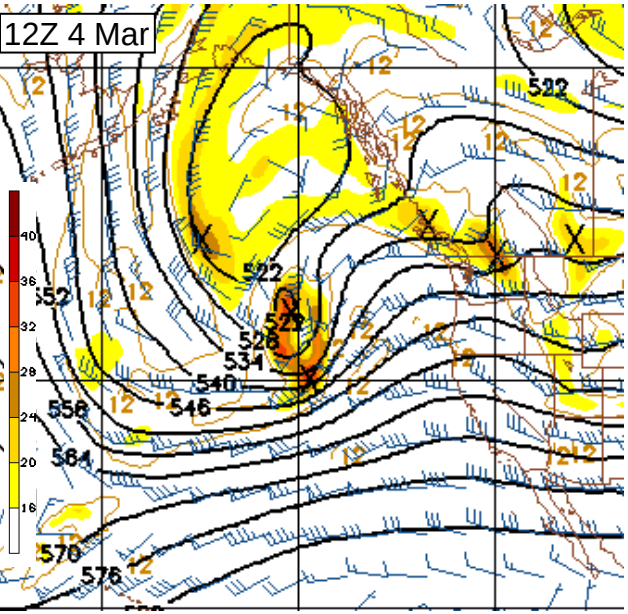


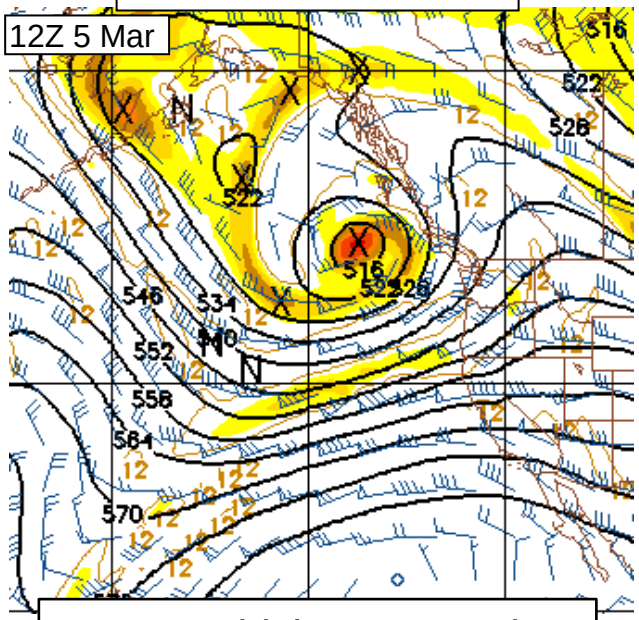
MSLP, thickness, precip

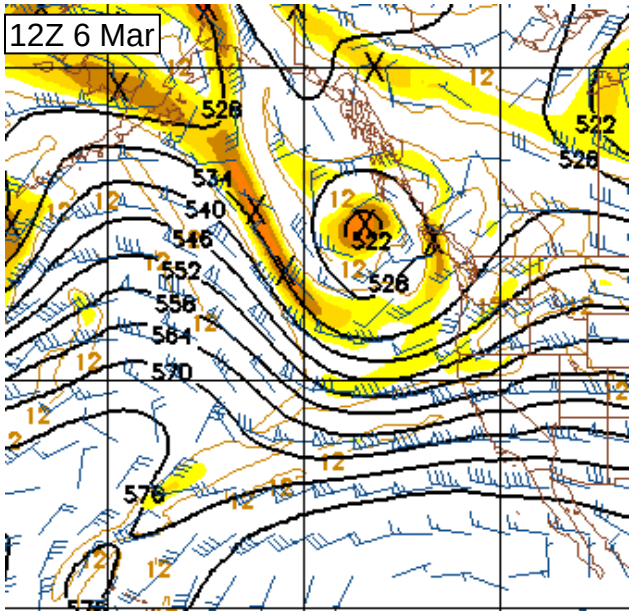


Next system to impact CA: 5-6 Mar

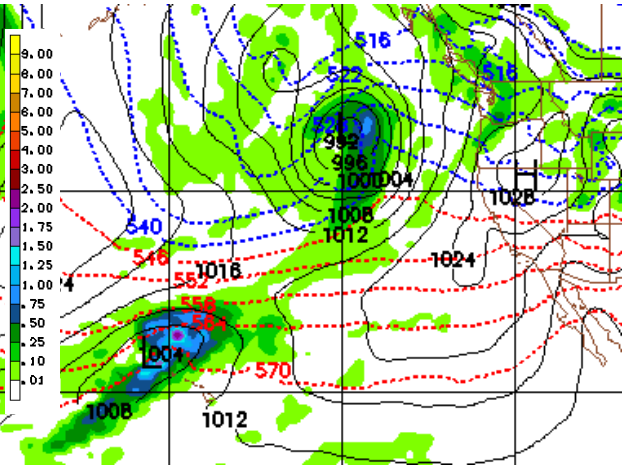
500 hPa Z & vort

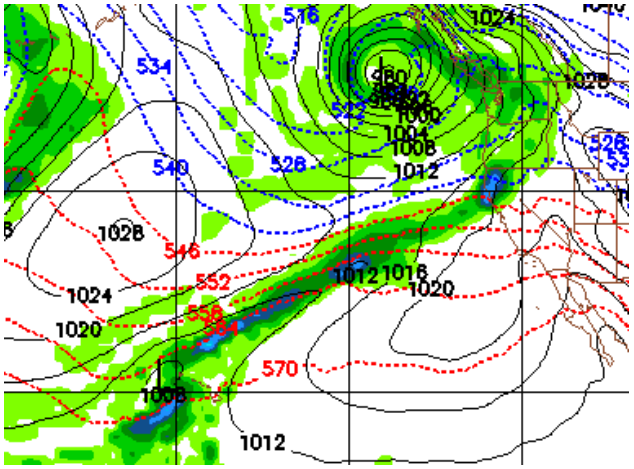


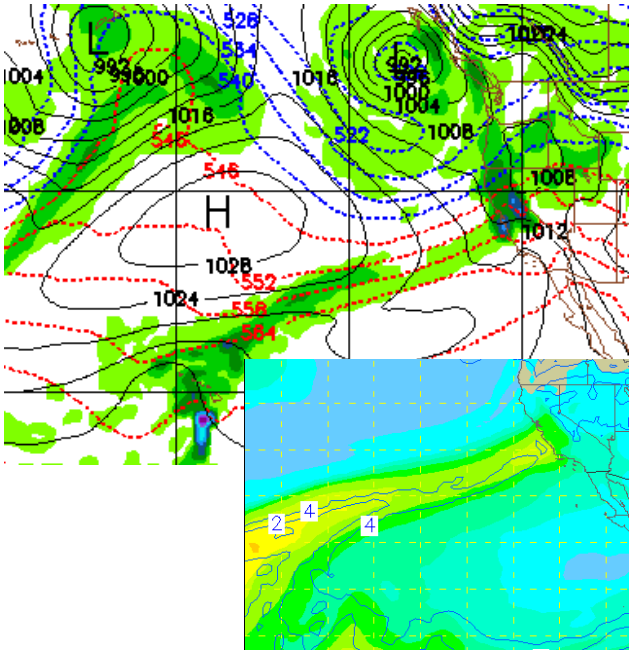




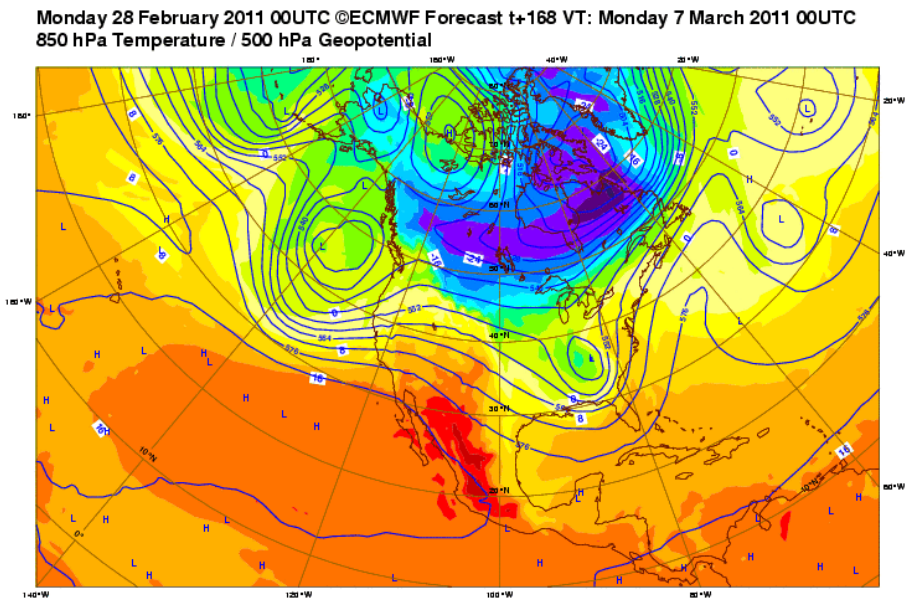
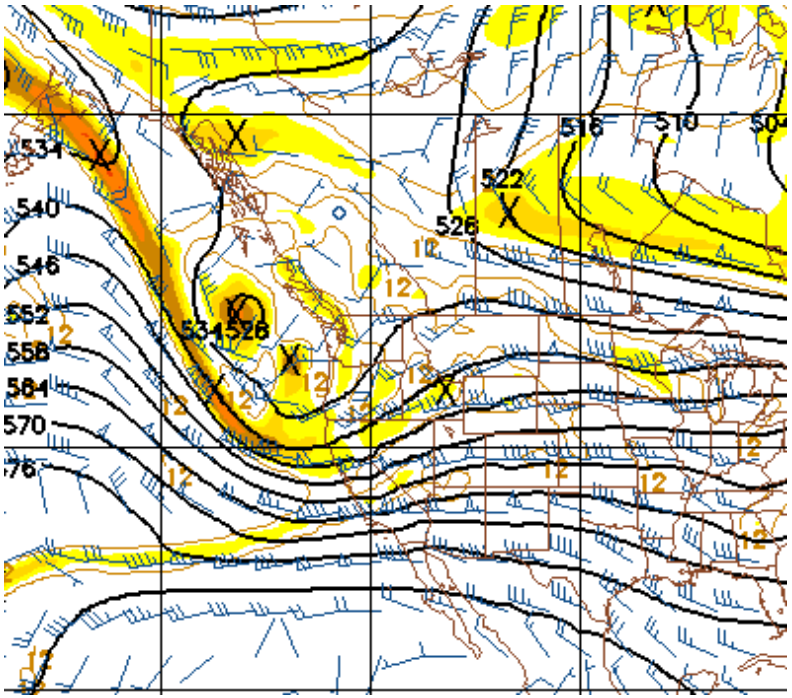
MSLP, thickness, precip







Last night's EC solution at 00Z 7 Mar



Today's GFS solution at 00Z 7 Mar