9/27/2024 side project with meeting (Stella, Qiang, Ruby, Zhe, Alex)

Get in touch with Dave ovens asking:

-is there 2 way nesting between the different WRF resolutions?

-can we access this data with .nc? Including different ensemble members? Do you know which members were good/bad?

-Similar events in past, especially ones that didn’t forecast as well (with convection in southerly flow)?

Variables of interest? Convergence, wind fields (max over time and instantaneous?), simulated radar, precipitation, vorticity, heights, brightness temperature

10/7 Getting WRF Runs:

Hours 12-24. Will copy files from path David ovens sent. Interesting hours: 18z 8/17-11z 8/18. So 2024081700 FH 18-24, 2024081712 FH 12-24. Files are for control member with GFS initialization.

Graphics: seem to have all ensemble members from 18th 00Z run at 3-hourly time resolution

Plot from NC once put on personal computer: Radar reflectivity (most important), wind, precip, OLR, CAPE

Ask David: generally, what is point of ensemble/where is it stored/etc. When hypothetically would graphics disappear? Can we get graphics for 0Z and 12Z 8/17 initializations for ensembles as that’s the WRF run we’re looking at. SENT

Will look for slgt in PNW in CO database. And do plots

11/18/2024:

Potential Analogs:

* 20200917