## intro: 20180908_0400_d03_noda

it is a WRF output of ensemble member #1 and appended some variables from others ensemble member

the forecast is started from 20180907 06Z, thus it is a 22hr forecast without any assimilation

**appended variables:**

- U_ensMean, U_ensSprd
  the ensemble mean and ensemble spread of U wind, be aware that it is **west_east_staggered**
  - dimension: (Time, bottom_top, south_north, west_east_stag)
- V_ensMean, V_ensSprd
  the ensemble mean and ensemble spread of V wind, be aware that it is **south_north_staggered**
  - dimension: (Time, bottom_top, south_north_stag, west_east)
- U_mean_AtPlev925, U_mem01_AtPlev925, V_mean_AtPlev925, V_mem01_AtPlev925, …
  dimension: (Time, south_north, west_east)
  the U/V wind at 925hPa of ensemble mean and each ensemble member
  be aware that it is interpolated to the mass grid (**unstaggered**)
  - dimension: (Time, south_north, west_east)
  - **naming rule**: [*1]_[*2]_AtPlev925
    [*1] = 'U' or 'V'
    [*2] = 'mean' or 'memXX', while XX is the number of ensemble member ('01'~'42')
- uEnsPert_ens01_scaL, vEnsPert_ens01_scaL , …
  the scale-separated U/V wind at 925hPa of ensemble mean and each ensemble member
  be aware that it is interpolated to the mass grid (**unstaggered**)
  - dimension: (Time, south_north, west_east)
  - **naming rule**: [*1]EnsPert_ens[*2]_sca[*3]
    [*1] = 'u' or 'v'
    [*2] = '01'~'42', the number of ensemble member
    [*3] = 'L', 'M' or 'S', the scale of (Large, Middle and Small)

points location:

xyIndex = [196, 213]  lon,lat = [121.69E, 24.93N]
xyIndex = [205, 233]  lon,lat = [121.97E, 25.48N]
xyIndex = [205, 250]  lon,lat = [121.98E, 25.96N]
xyIndex = [ 20, 140]  lon,lat = [116.35E, 22.81N]
xyIndex = [ 76, 158]  lon,lat = [118.03E, 23.36N]
xyIndex = [121, 170]  lon,lat = [119.40E, 23.72N]
xyIndex = [149, 205]  lon,lat = [120.25E, 24.70N]
xyIndex = [175, 232]  lon,lat = [121.05E, 25.46N]
xyIndex = [240, 253]  lon,lat = [123.07E, 26.03N]
xyIndex = [275, 256]  lon,lat = [124.16E, 26.10N]
xyIndex = [255,  15]  lon,lat = [123.40E, 19.39N]
xyIndex = [230,  15]  lon,lat = [122.66E, 19.40N]
xyIndex = [205,  15]  lon,lat = [121.93E, 19.40N]
xyIndex = [255,  35]  lon,lat = [123.41E, 19.94N]
xyIndex = [230,  35]  lon,lat = [122.67E, 19.95N]
xyIndex = [205,  35]  lon,lat = [121.93E, 19.96N]
xyIndex = [255,  55]  lon,lat = [123.42E, 20.50N]
xyIndex = [230,  55]  lon,lat = [122.68E, 20.51N]
xyIndex = [205,  55]  lon,lat = [121.94E, 20.52N]