



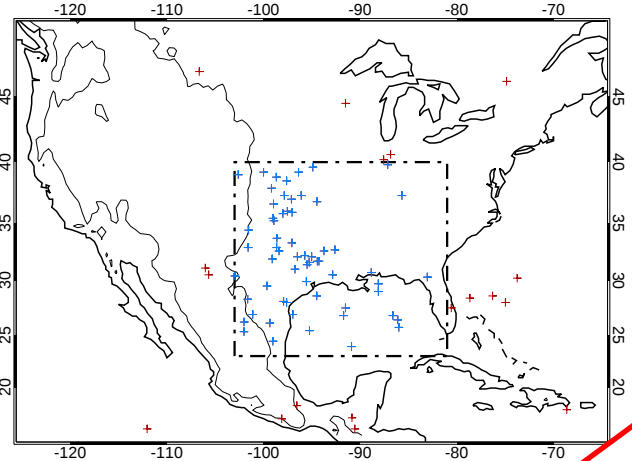
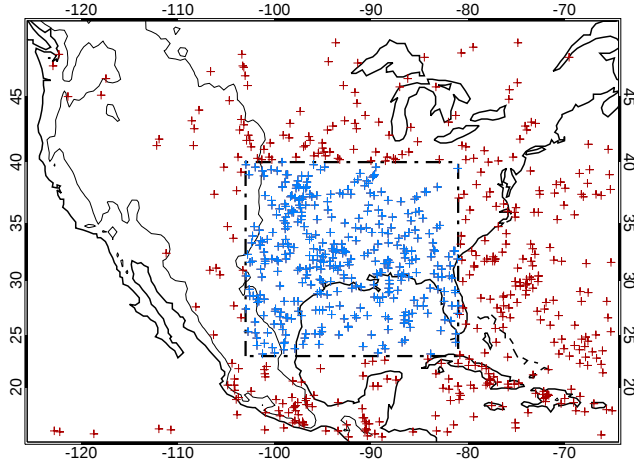
DWC Events for MAM - Locations and Divergence Anomalies

Moderate

Strong

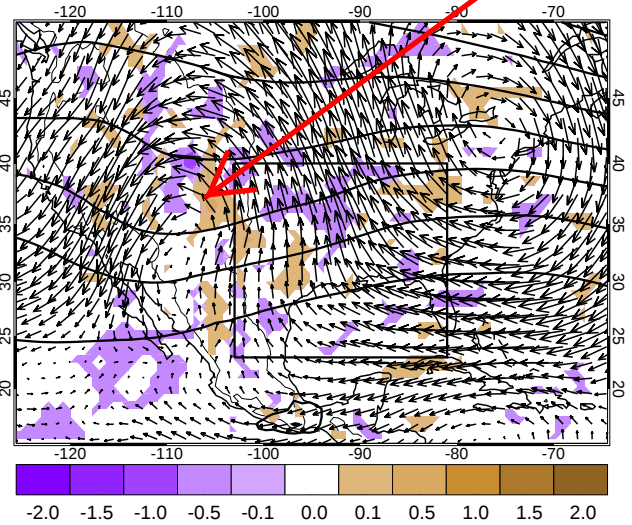
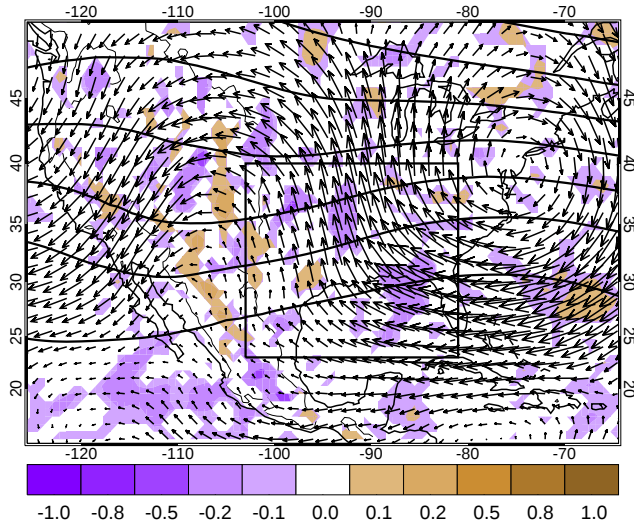
num_cases in box = 198

num_cases in box = 50



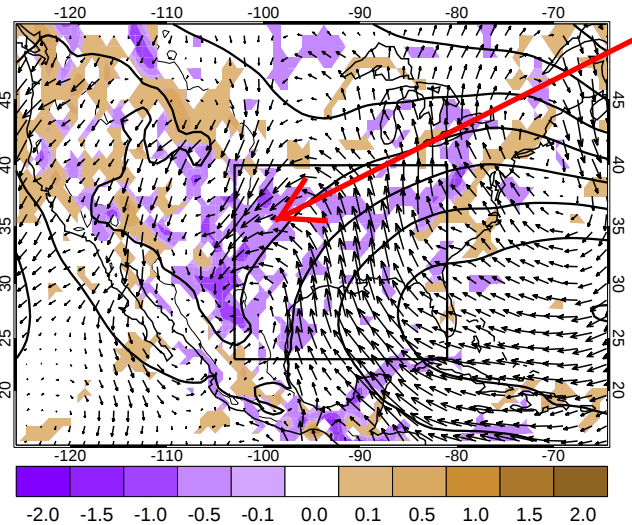
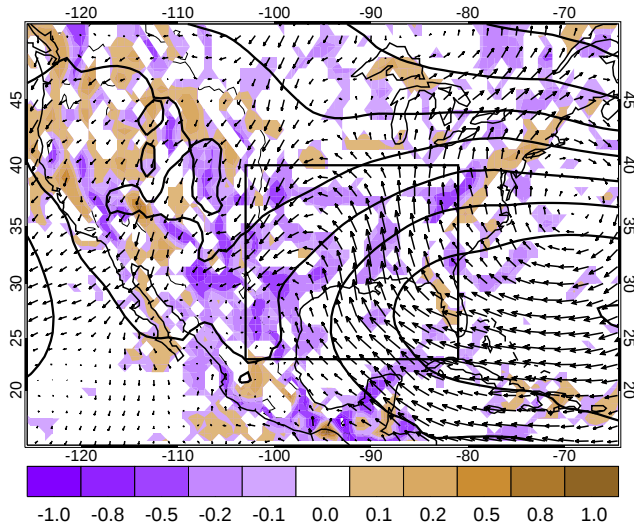
500.000 hPa; min/max wind = 0.03/5.9 m/s; n = 198

500.000 hPa; min/max wind = 0.11/6.0 m/s; n = 50



850.000 hPa; min/max wind = 0.04/2.8 m/s; n = 198

850.000 hPa; min/max wind = 0.03/3.5 m/s; n = 50



region=box limits=[23,-103,,40,-81], years=[2014,2017]

divergence (10e-5/s) anom comp (filled), geopotential event comp (line) and wind anom comp (arrows)

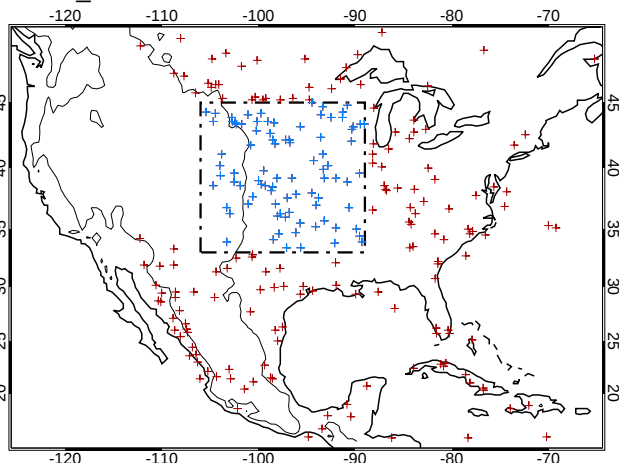
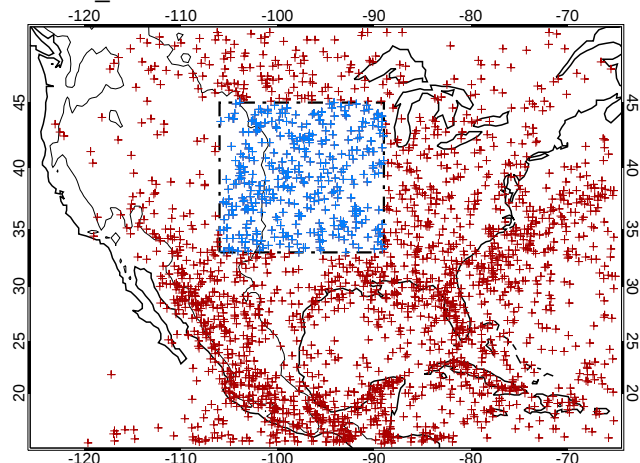
DWC Events for JJA - Locations and Divergence Anomalies

Moderate

Strong

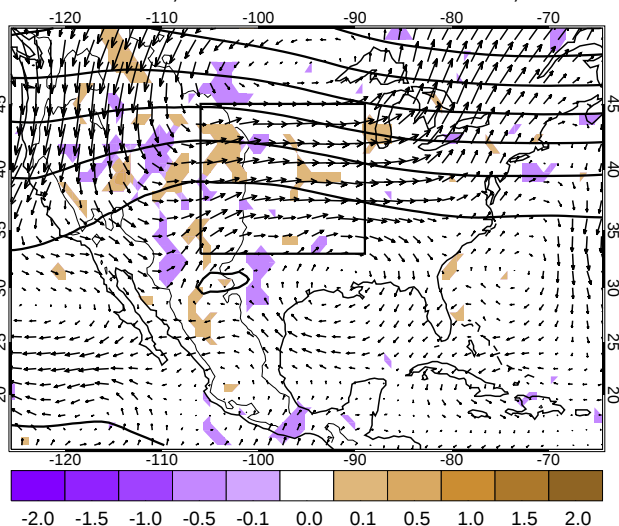
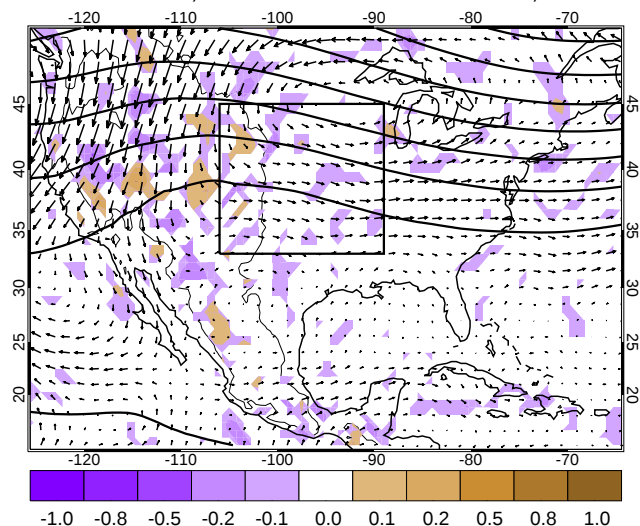
num_cases in box = 219

num_cases in box = 66



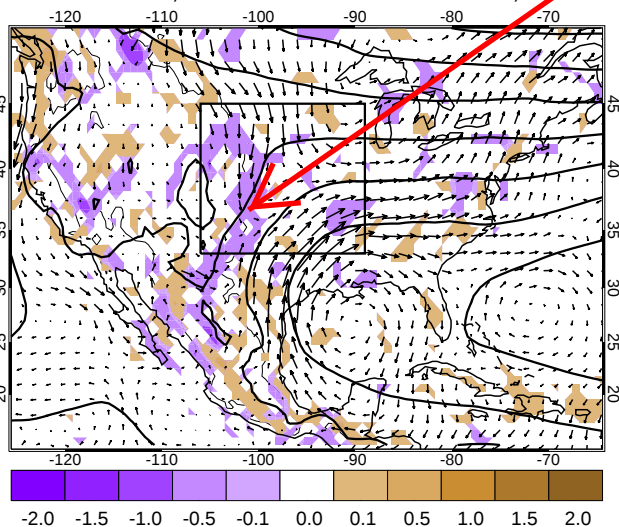
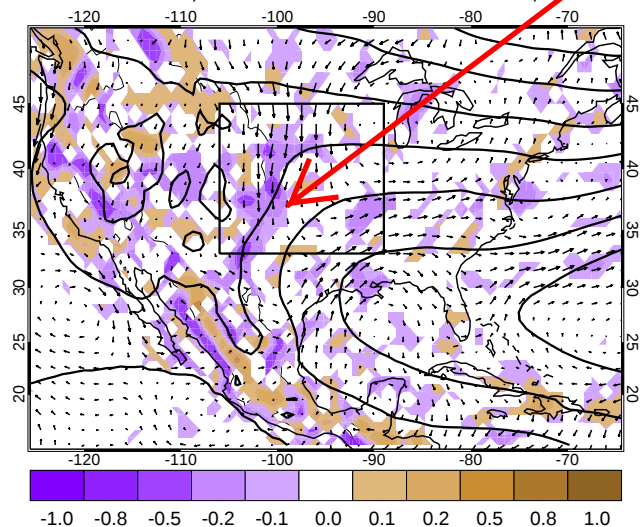
500.000 hPa; min/max wind = 0.02/2.8 m/s; n = 219

500.000 hPa; min/max wind = 0.08/3.5 m/s; n = 66



850.000 hPa; min/max wind = 0.02/2.3 m/s; n = 219

850.000 hPa; min/max wind = 0.03/3.1 m/s; n = 66



region=boxN limits=[33,-106,45,-89], years=[2014,2017]

divergence (10e-5/s) anom comp (filled), geopotential event comp (line) and wind anom comp (arrows)

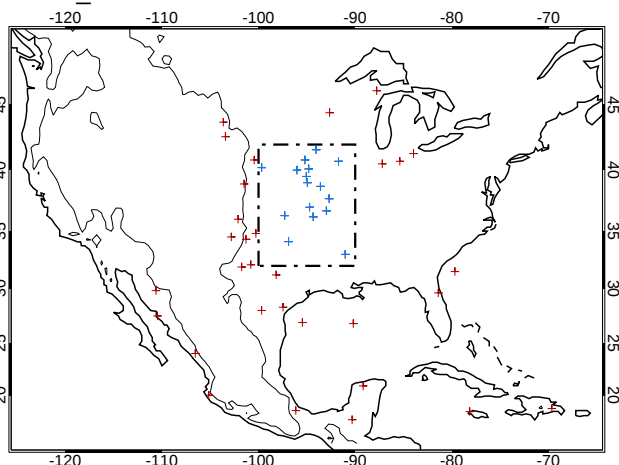
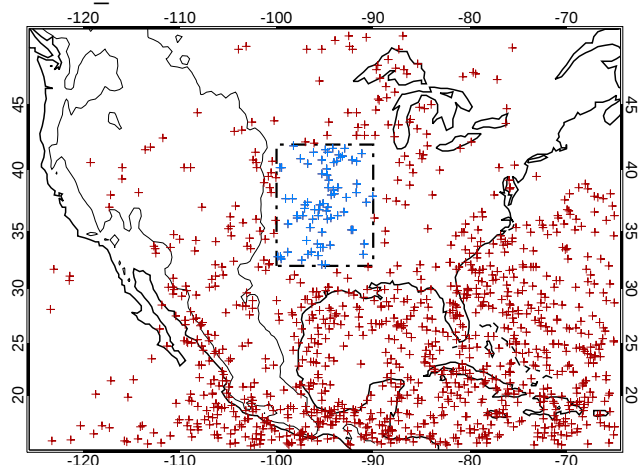
DWC Events for SON - Locations and Divergence Anomalies

Moderate

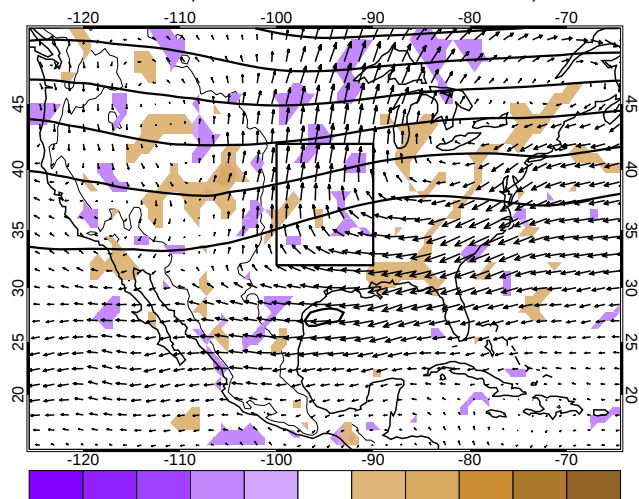
Strong

num_cases in box = 41

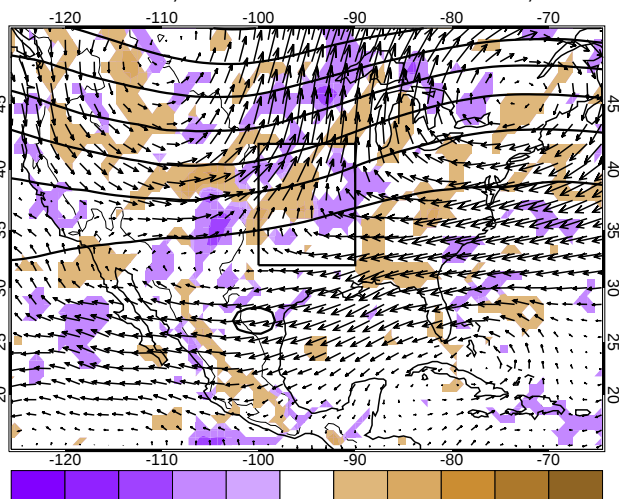
num_cases in box = 12



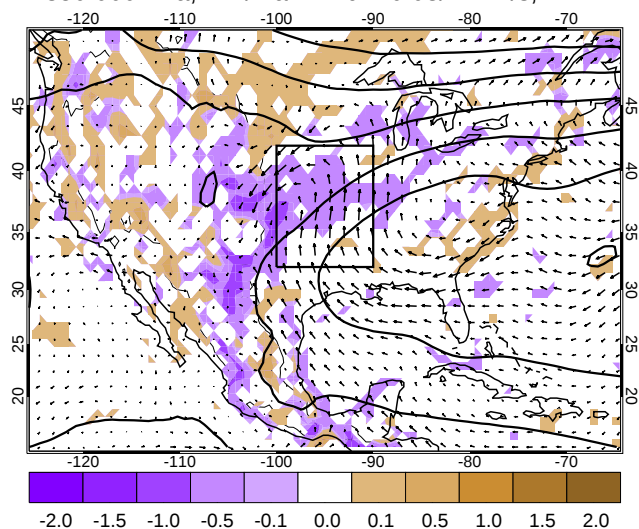
500.000 hPa; min/max wind = 0.00/7.2 m/s; n = 41



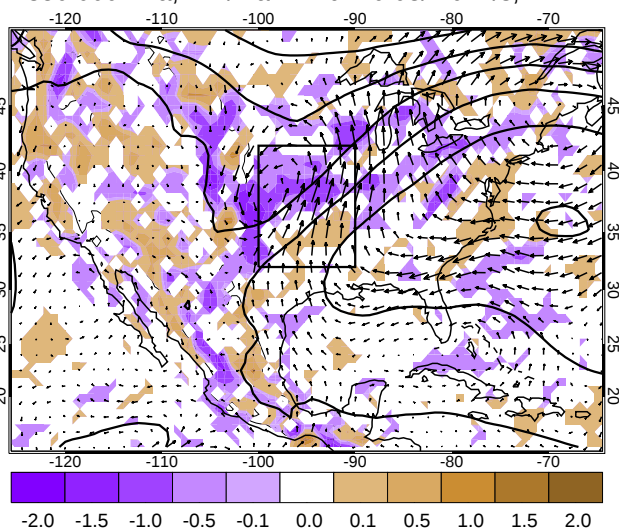
500.000 hPa; min/max wind = 0.02/10.4 m/s; n = 12



850.000 hPa; min/max wind = 0.03/4.1 m/s; n = 41



850.000 hPa; min/max wind = 0.03/7.0 m/s; n = 12



region=boxN limits=[32,-100,,42,-90], years=[2014,2017]

divergence (10e-5/s) anom comp (filled), geopotential event comp (line) and wind anom comp (arrows)

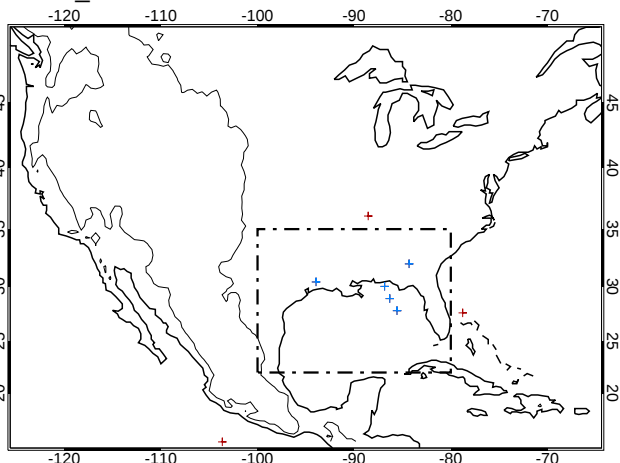
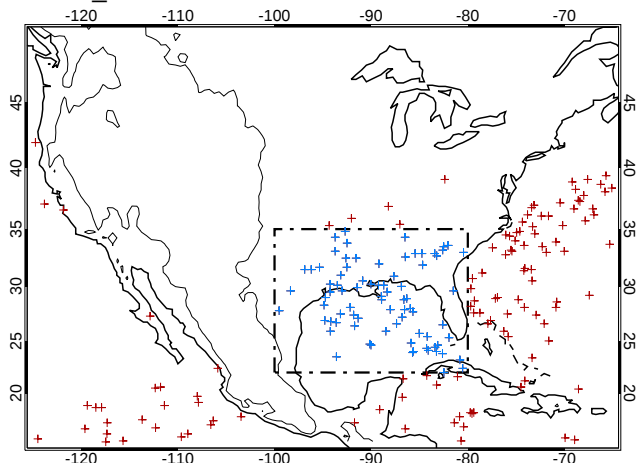
DWC Events for DJF - Locations and Divergence Anomalies

Moderate

Strong

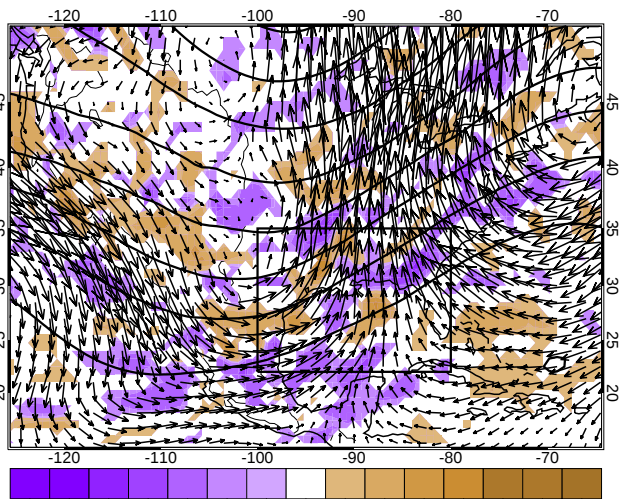
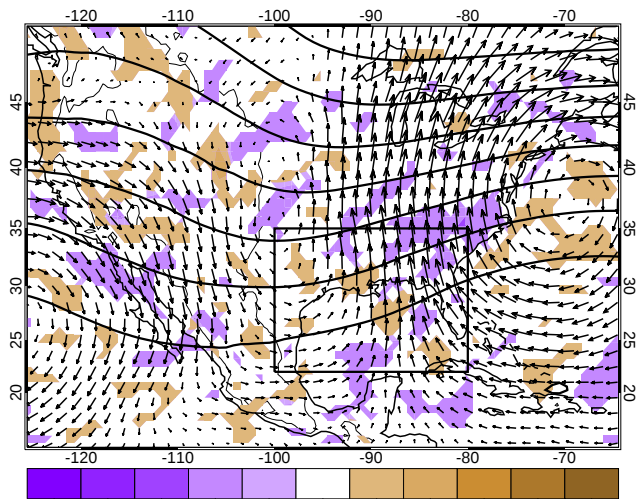
num_cases in box = 43

num_cases in box = 5



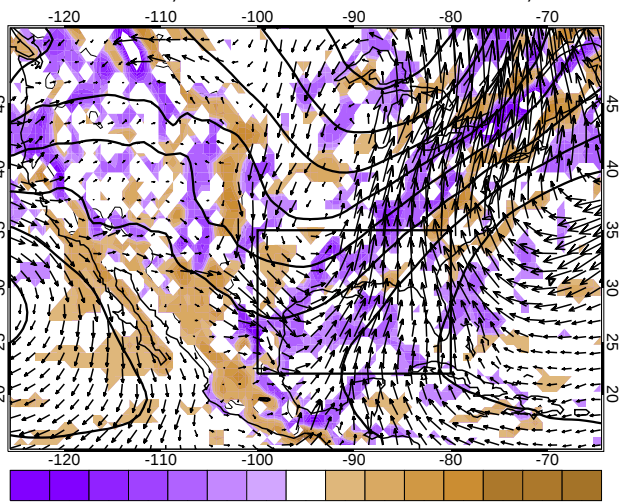
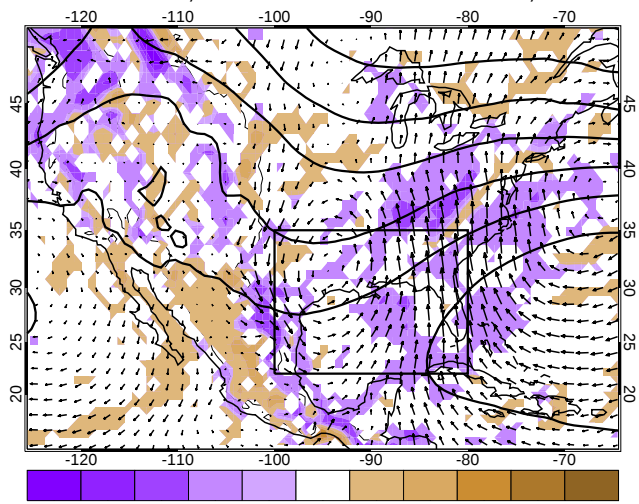
500.000 hPa; min/max wind = 0.12/8.1 m/s; n = 43

500.000 hPa; min/max wind = 0.07/20.0 m/s; n = 5



850.000 hPa; min/max wind = 0.06/5.4 m/s; n = 43

850.000 hPa; min/max wind = 0.11/16.0 m/s; n = 5



region=box limits=[22,-100,,35,-80], years=[2014,2017]

divergence (10e-5/s) anom comp (filled), geopotential event comp (line) and wind anom comp (arrows)

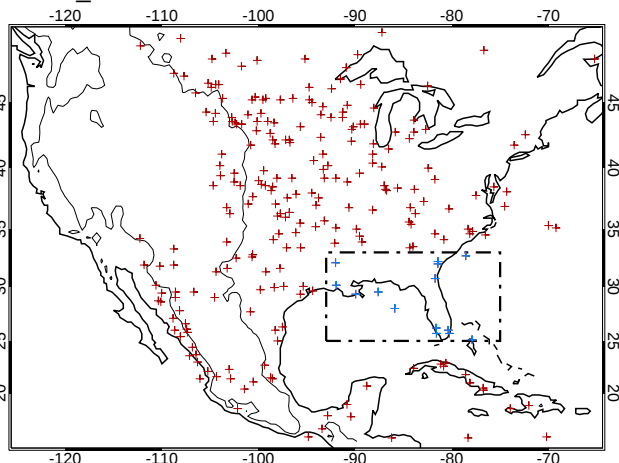
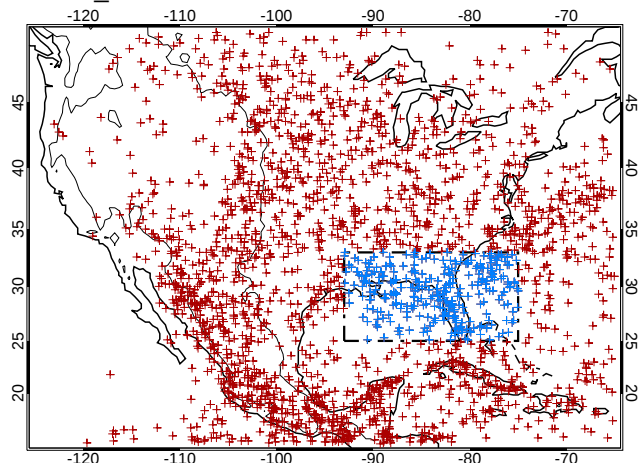
DWC Events for JJA - Locations and Divergence Anomalies

Moderate

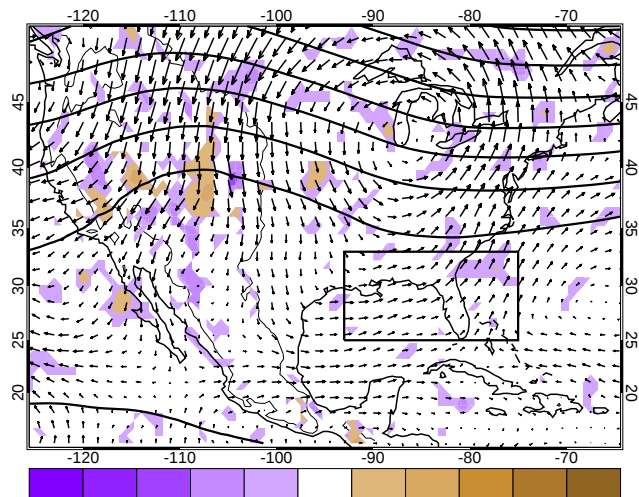
Strong

num_cases in box = 188

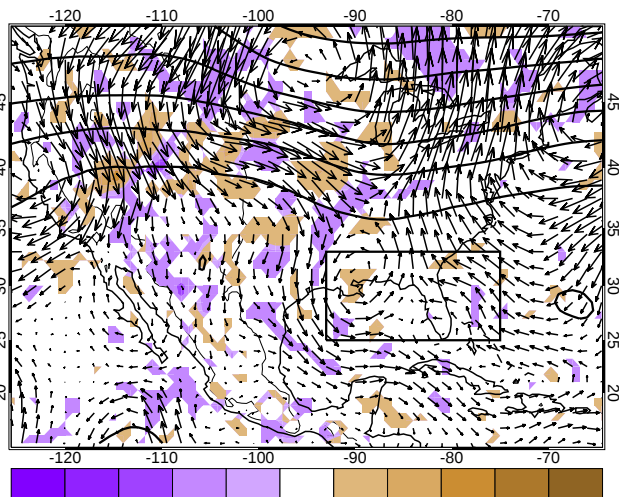
num_cases in box = 14



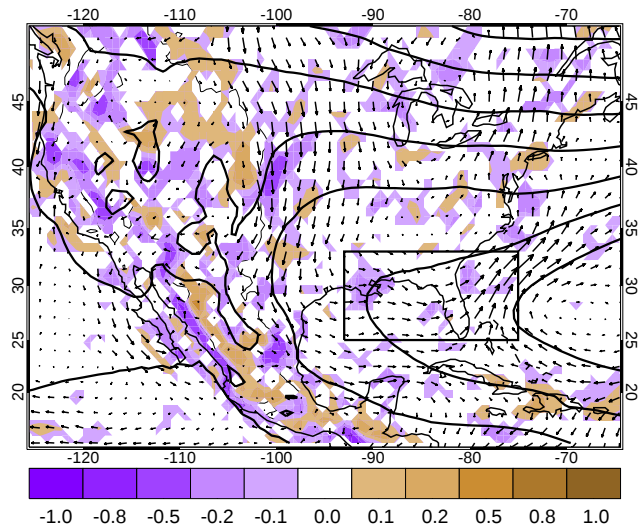
500.000 hPa; min/max wind = 0.02/2.9 m/s; n = 188



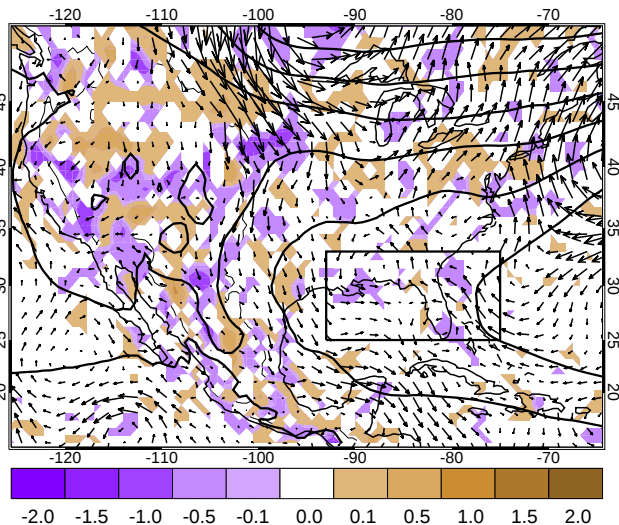
500.000 hPa; min/max wind = 0.02/6.4 m/s; n = 14



850.000 hPa; min/max wind = 0.01/2.1 m/s; n = 188



850.000 hPa; min/max wind = 0.02/5.3 m/s; n = 14



region=boxS limits=[25,-93,,33,-75], years=[2014,2017]

divergence (10e-5/s) anom comp (filled), geopotential event comp (line) and wind anom comp (arrows)

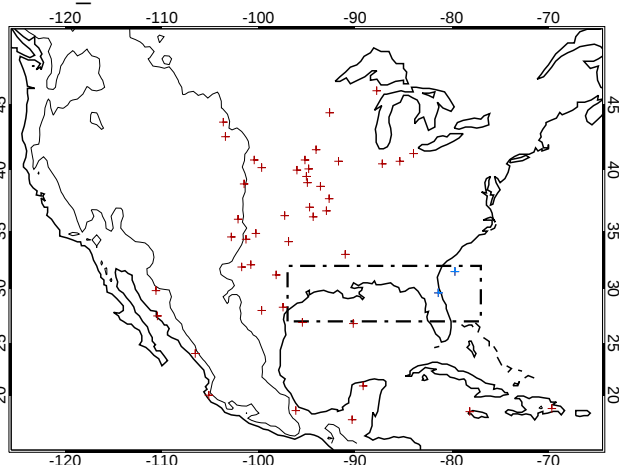
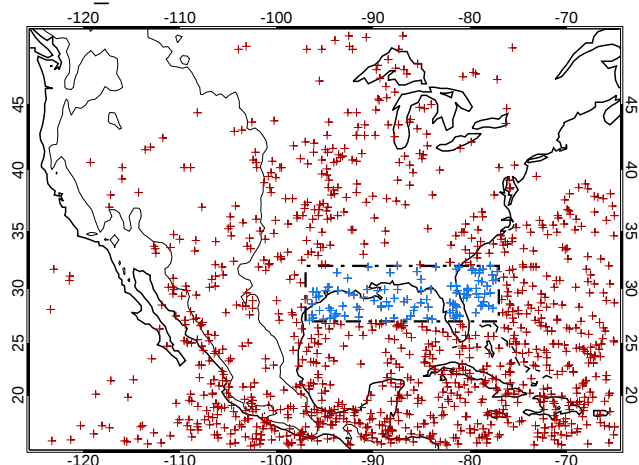
DWC Events for SON - Locations and Divergence Anomalies

Moderate

Strong

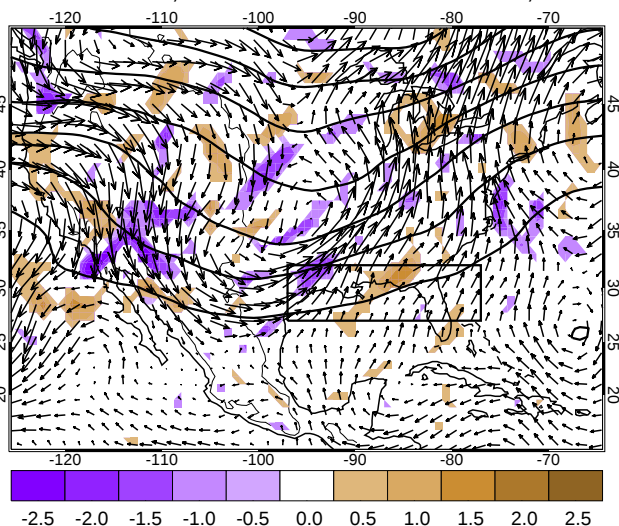
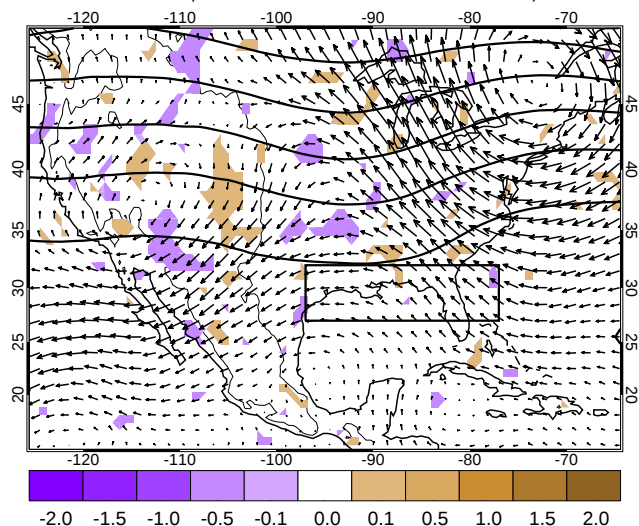
num_cases in box = 72

num_cases in box = 2



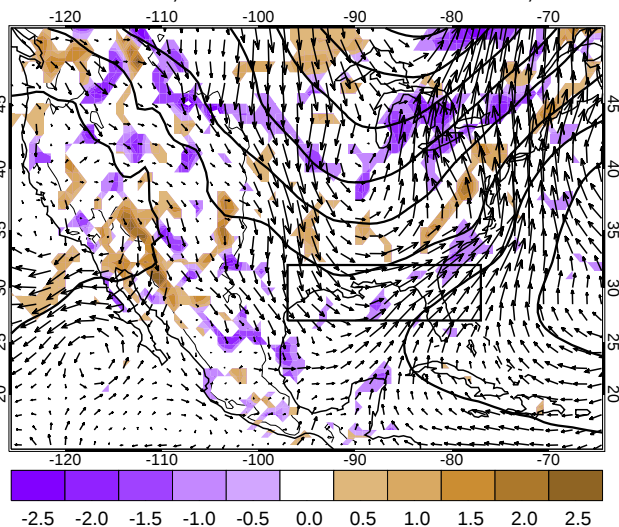
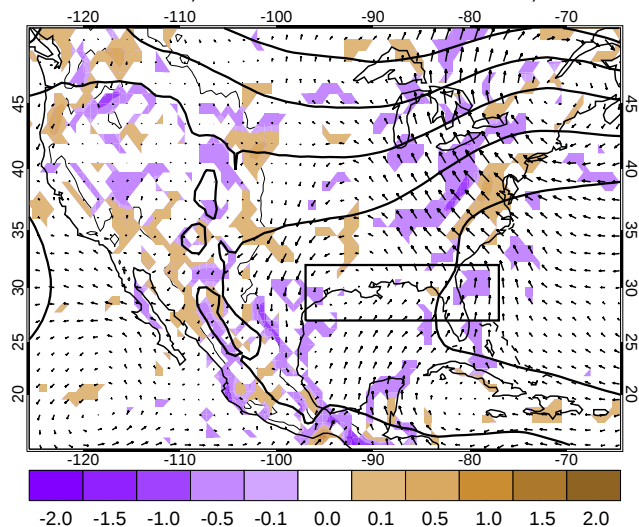
500.000 hPa; min/max wind = 0.03/9.1 m/s; n = 72

500.000 hPa; min/max wind = 0.18/14.0 m/s; n = 2



850.000 hPa; min/max wind = 0.02/4.0 m/s; n = 72

850.000 hPa; min/max wind = 0.15/13.9 m/s; n = 2



region=boxS limits=[27,-97,,32,-77], years=[2014,2017]

divergence (10e-5/s) anom comp (filled), geopotential event comp (line) and wind anom comp (arrows)

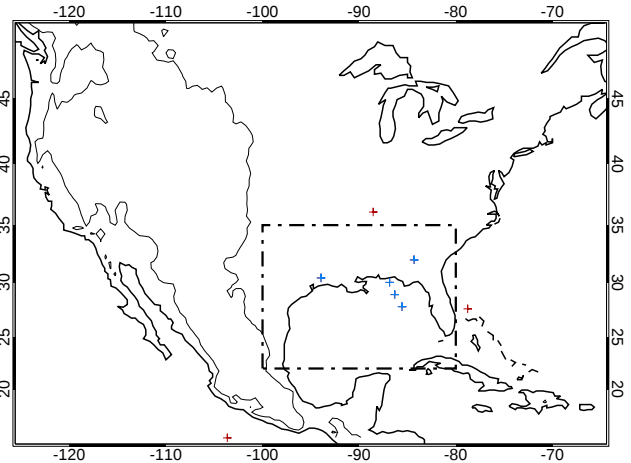
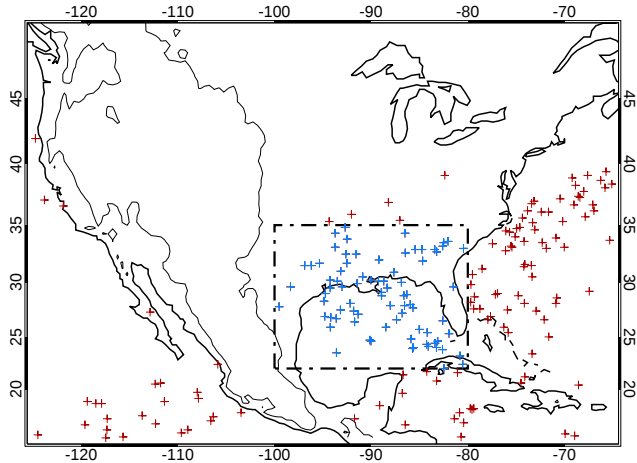
DWC Events for DJF - Locations and Divergence Anomalies

Moderate

Strong

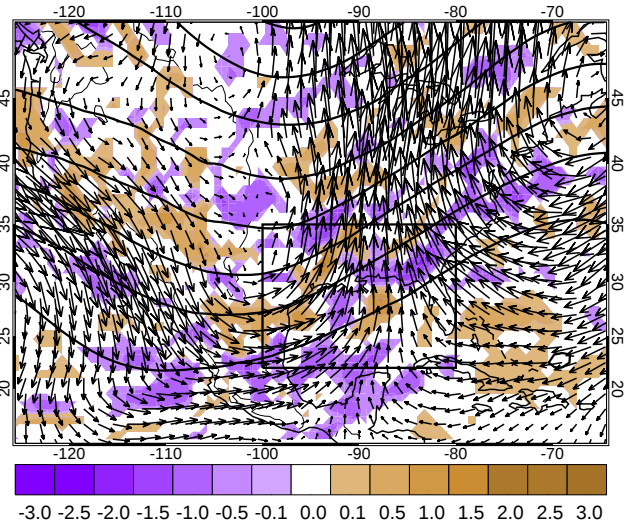
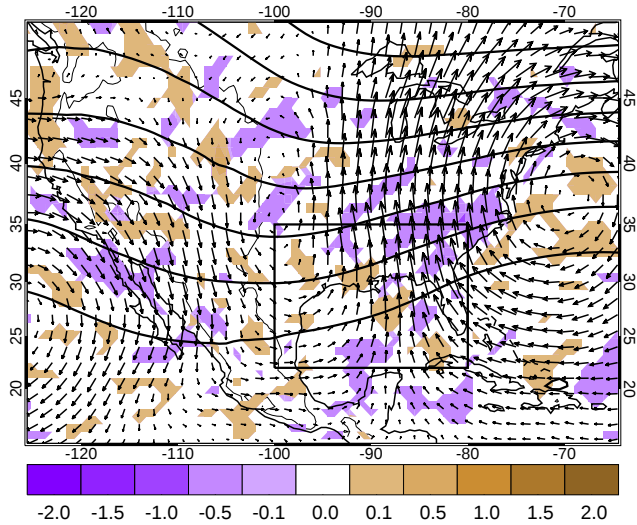
num_cases in box = 43

num_cases in box = 5



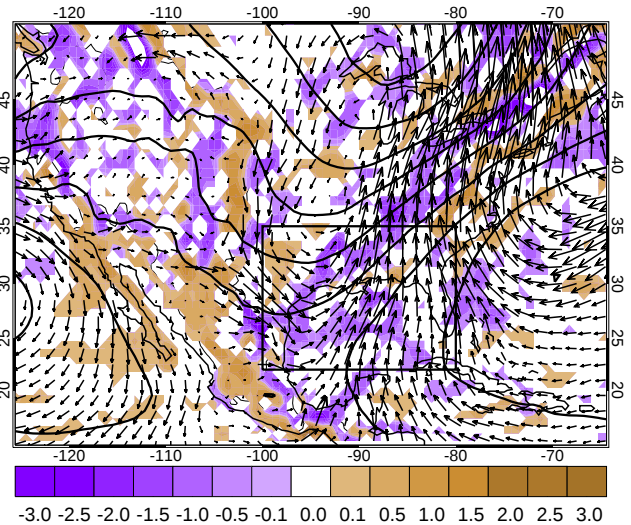
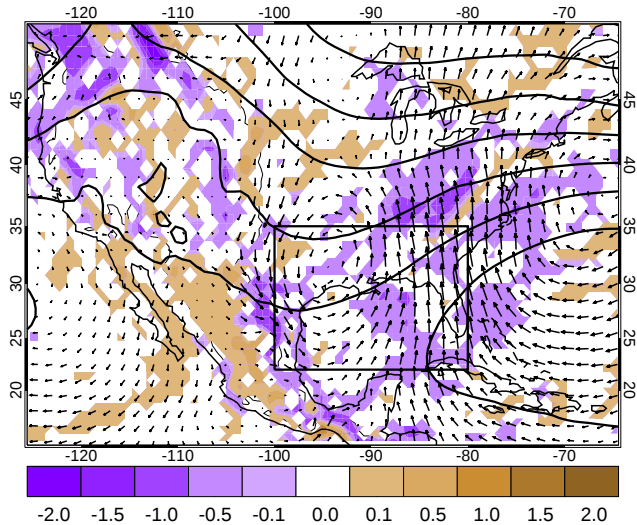
500.000 hPa; min/max wind = 0.12/8.1 m/s; n = 43

500.000 hPa; min/max wind = 0.07/20.0 m/s; n = 5



850.000 hPa; min/max wind = 0.06/5.4 m/s; n = 43

850.000 hPa; min/max wind = 0.11/16.0 m/s; n = 5



region=box limits=[22,-100,,35,-80], years=[2014,2017]

divergence (10e-5/s) anom comp (filled), geopotential event comp (line) and wind anom comp (arrows)

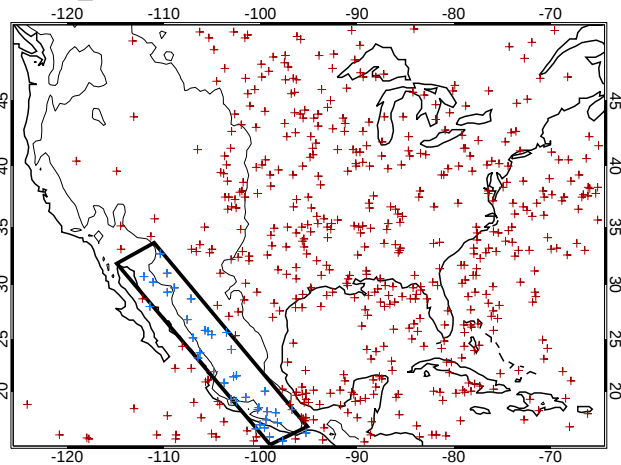
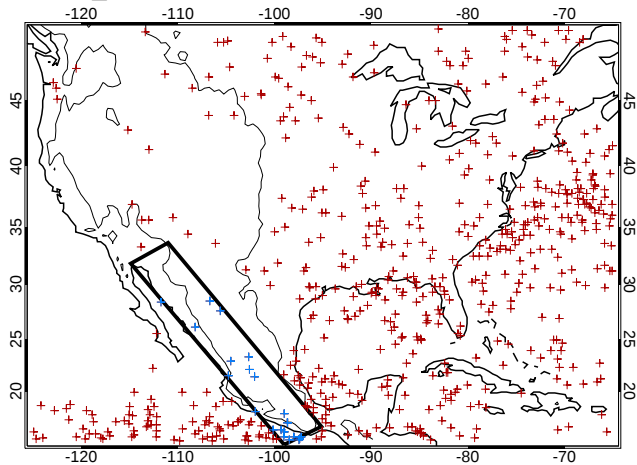
WCC Events for JJA - Locations and Divergence Anomalies

Moderate

Strong

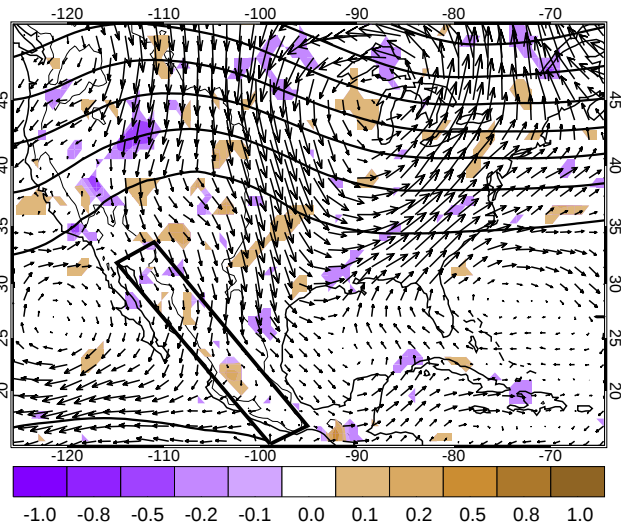
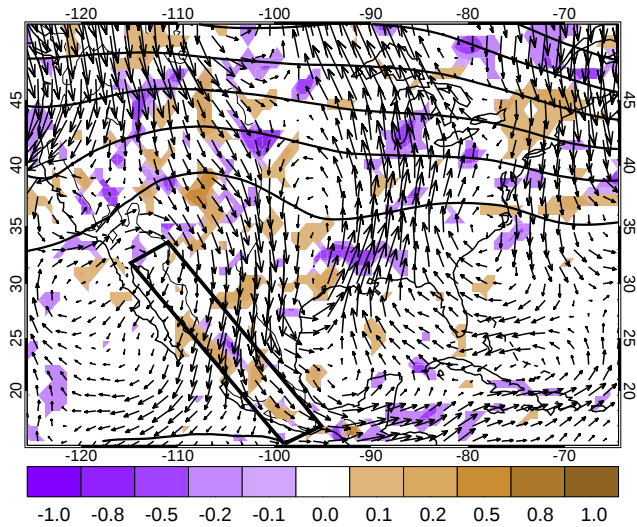
num_cases in box = 20

num_cases in box = 33



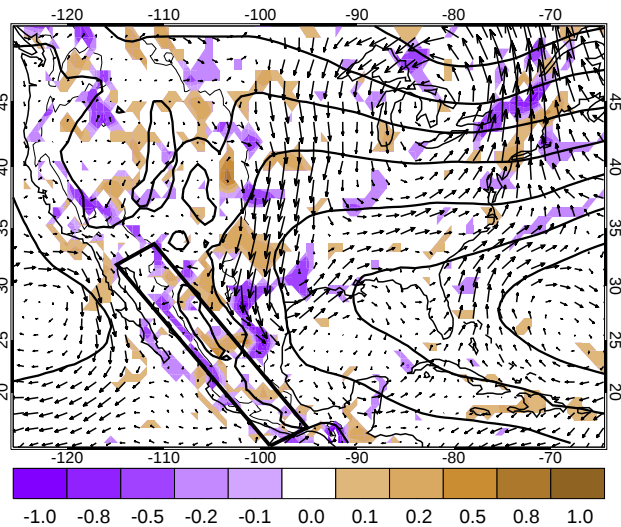
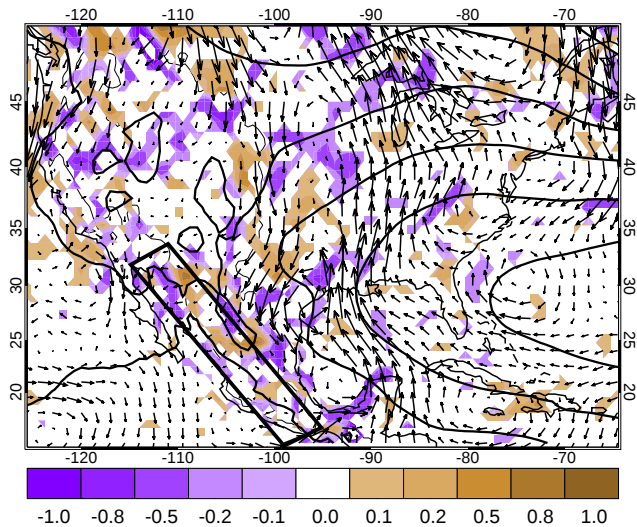
500.000 hPa; min/max wind = 0.05/4.4 m/s; n = 20

500.000 hPa; min/max wind = 0.02/4.9 m/s; n = 33



850.000 hPa; min/max wind = 0.03/4.0 m/s; n = 20

850.000 hPa; min/max wind = 0.01/3.3 m/s; n = 33



region=boxW limits=[14,-114,,33,-95], years=[2014,2017]

divergence (10e-5/s) anom comp (filled), geopotential event comp (line) and wind anom comp (arrows)