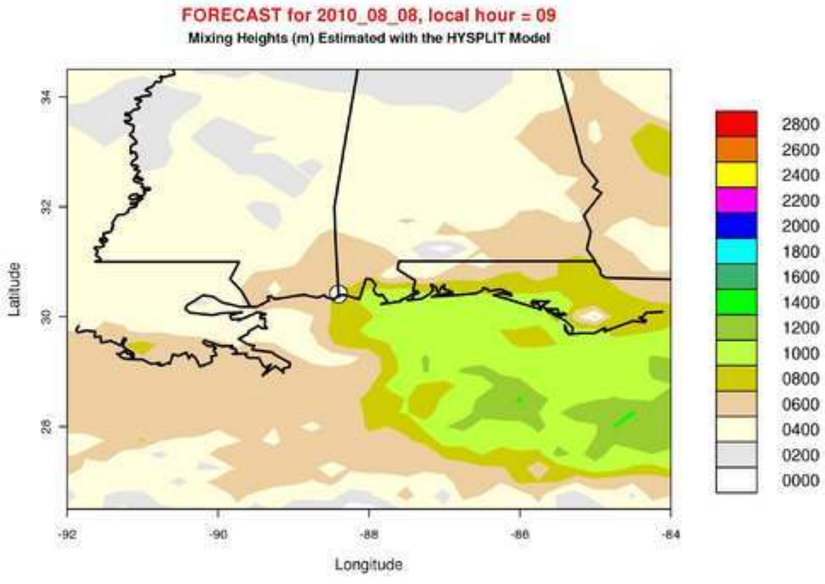
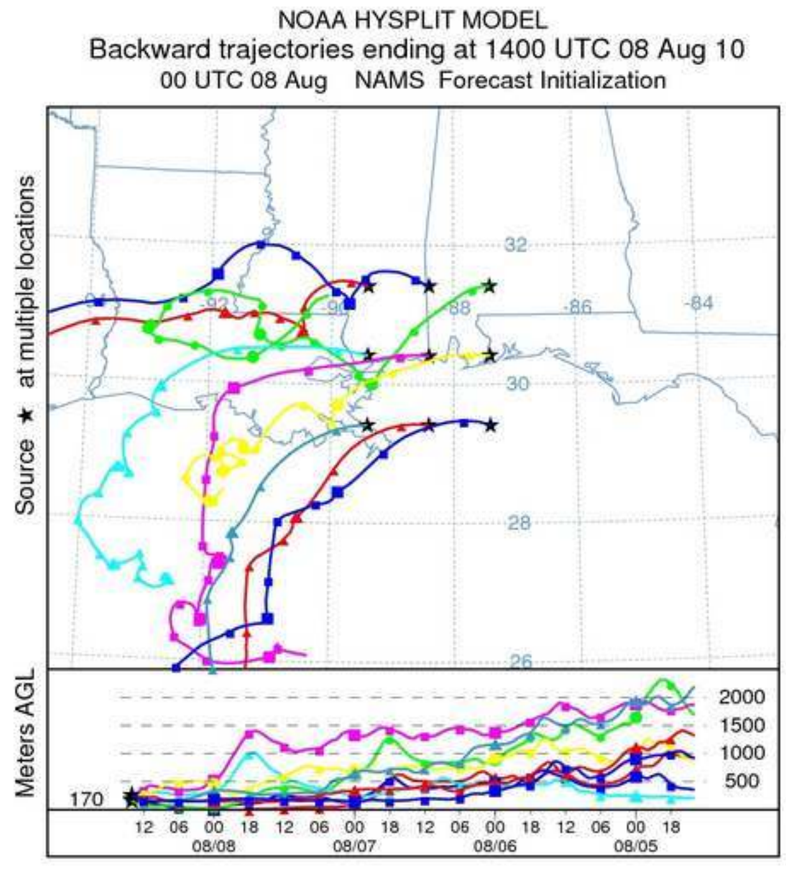
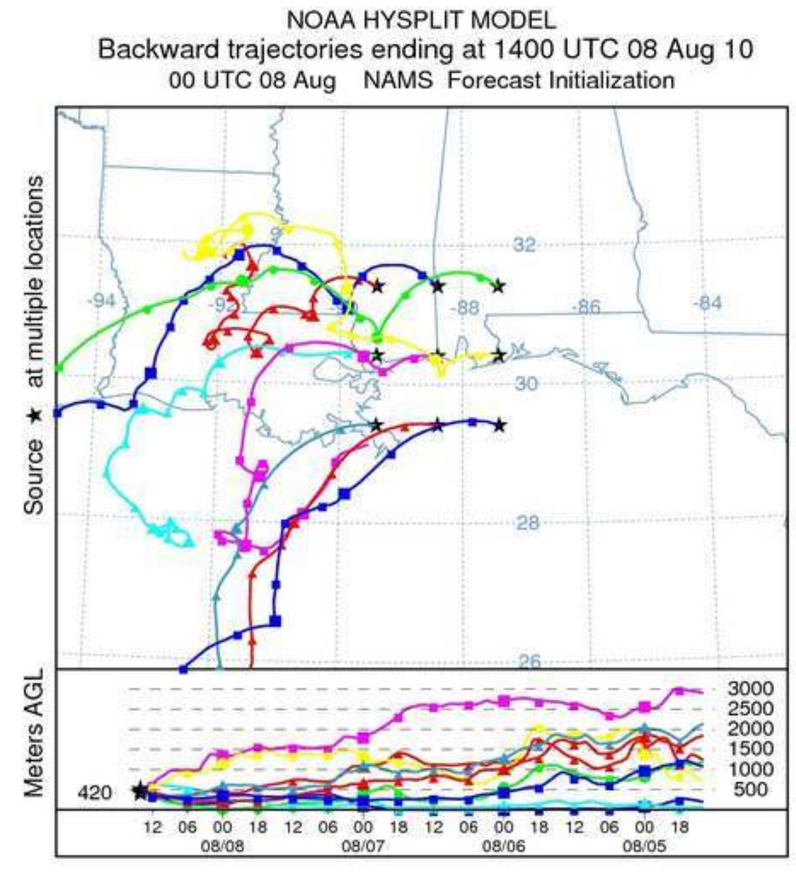
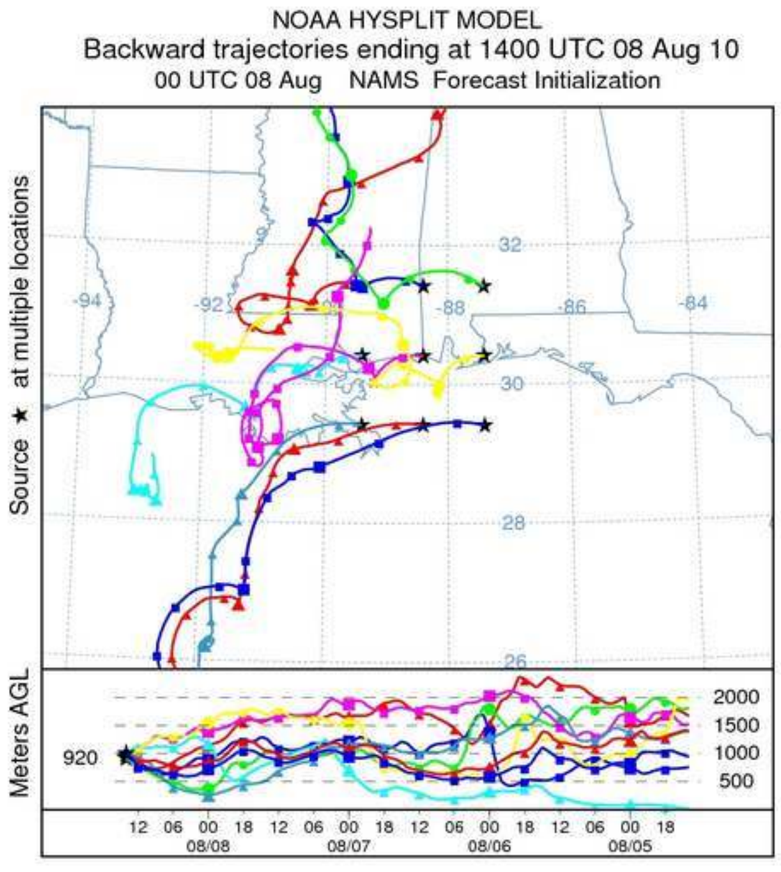
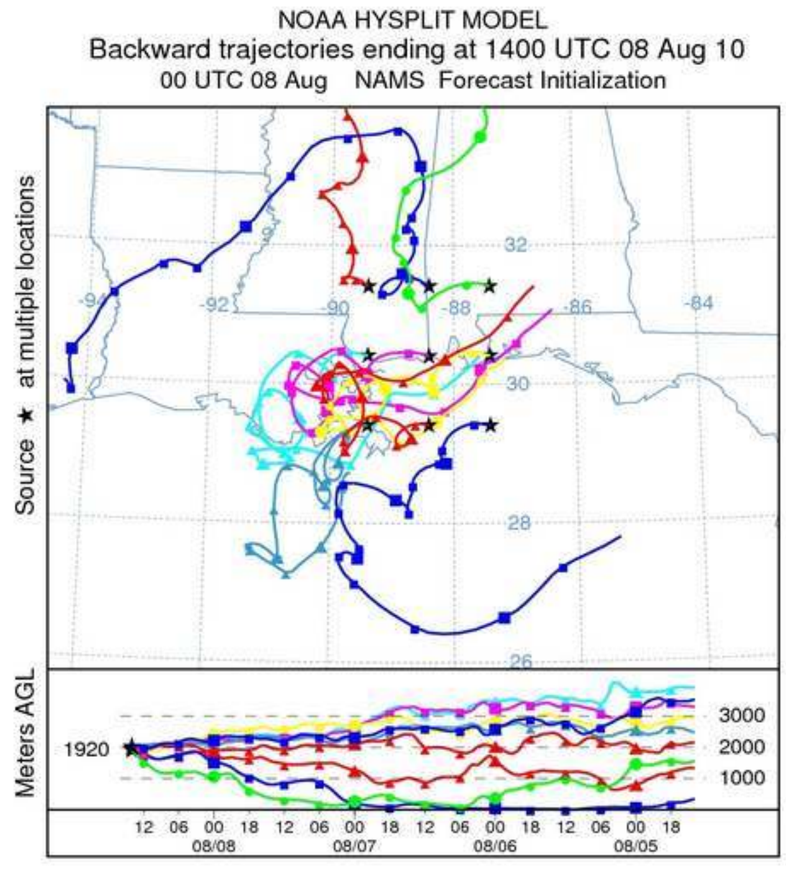
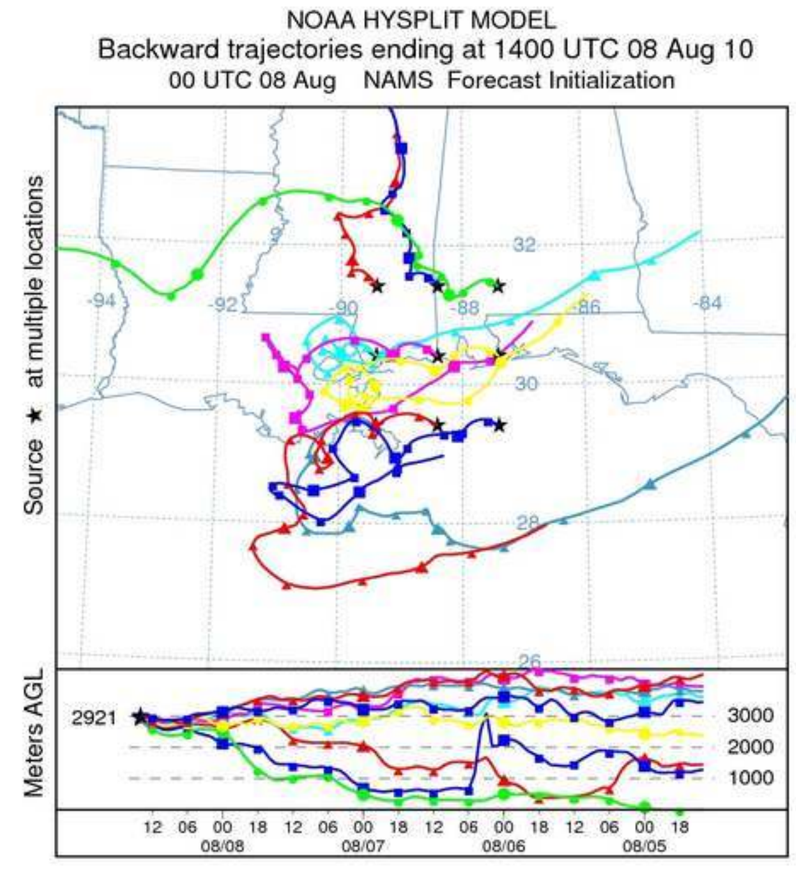

FORECAST for 2010_08_08, local hour = 09
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

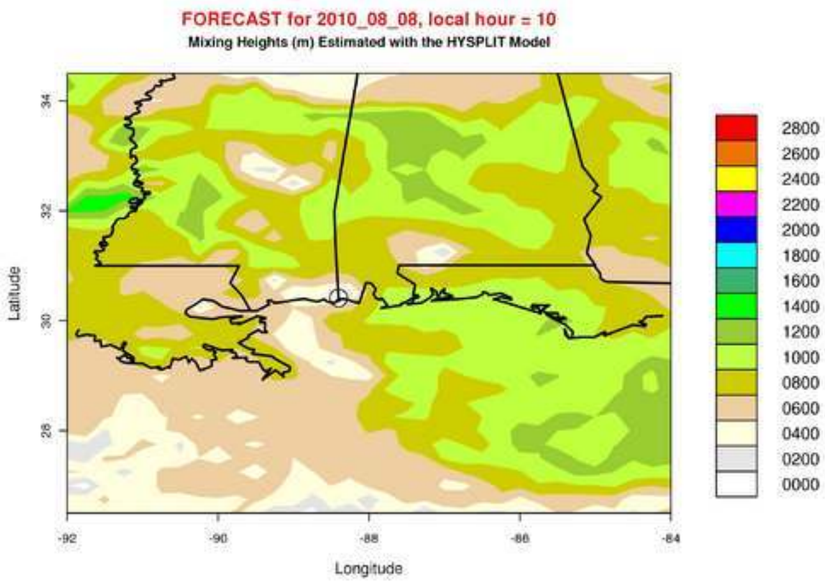

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2000
1500
1000
500
08/08
08/07
08/06
08/05

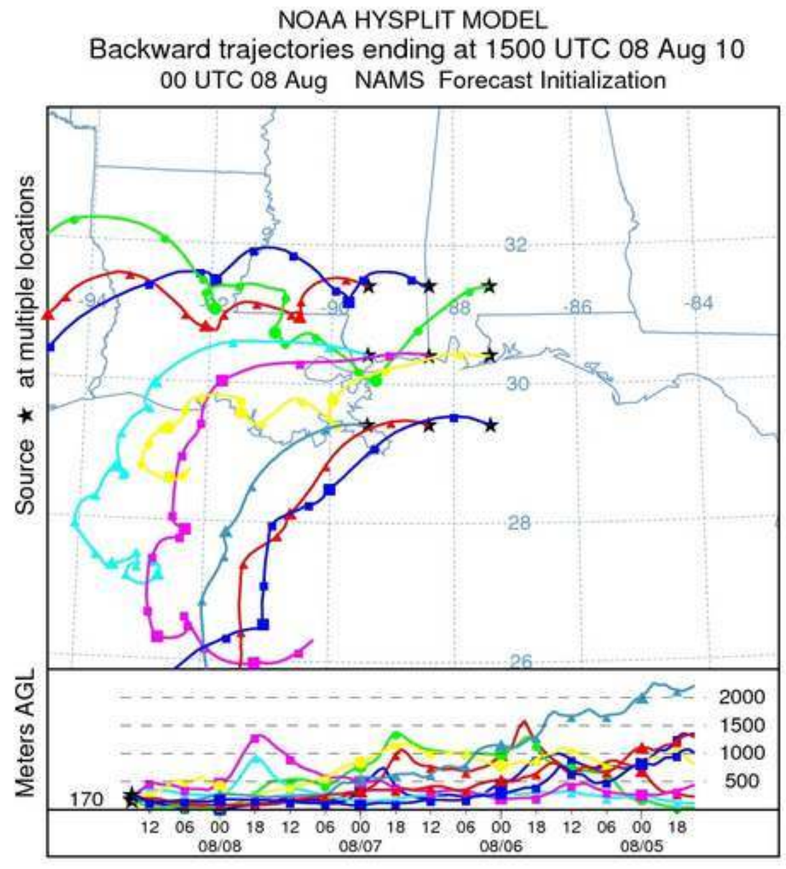

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
3000
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

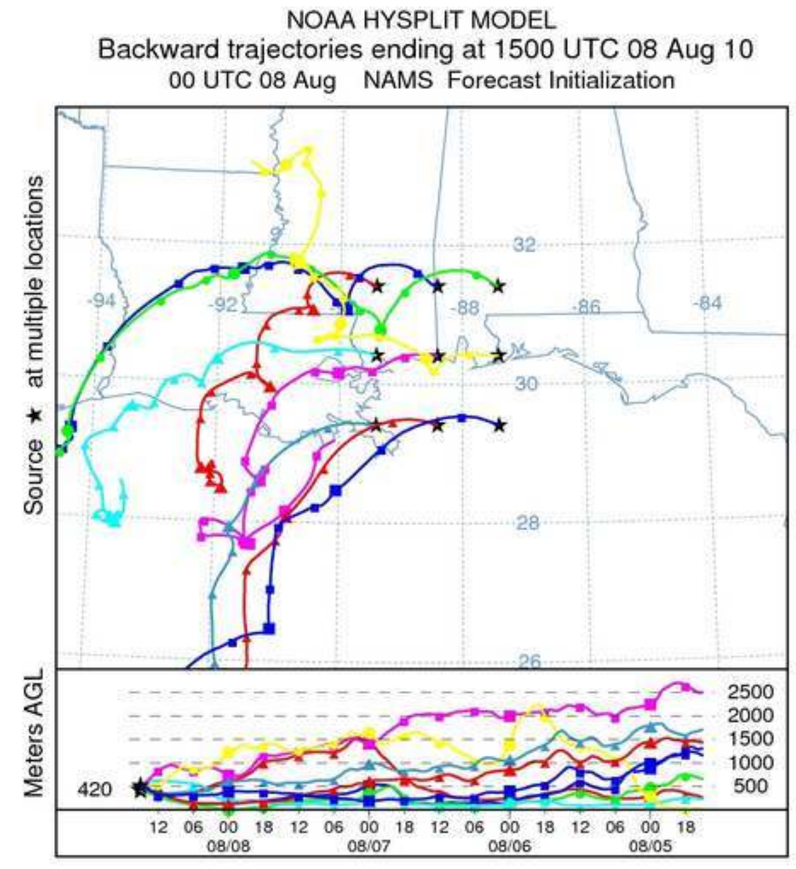

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
2000
1500
1000
500
08/08
08/07
08/06
08/05

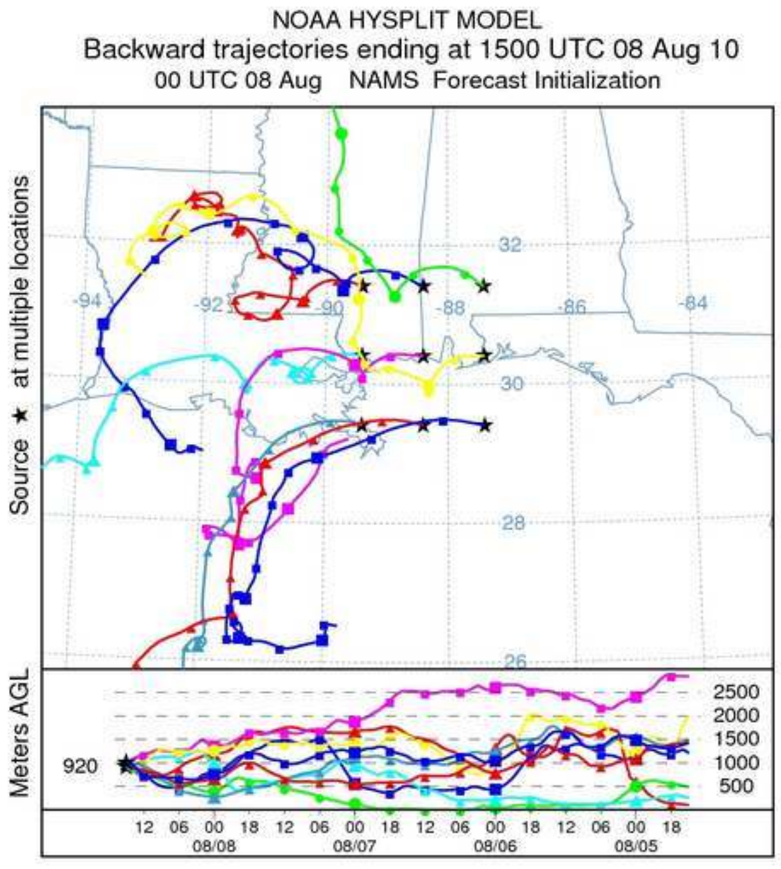

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1920
3000
2000
1000
08/08
08/07
08/06
08/05

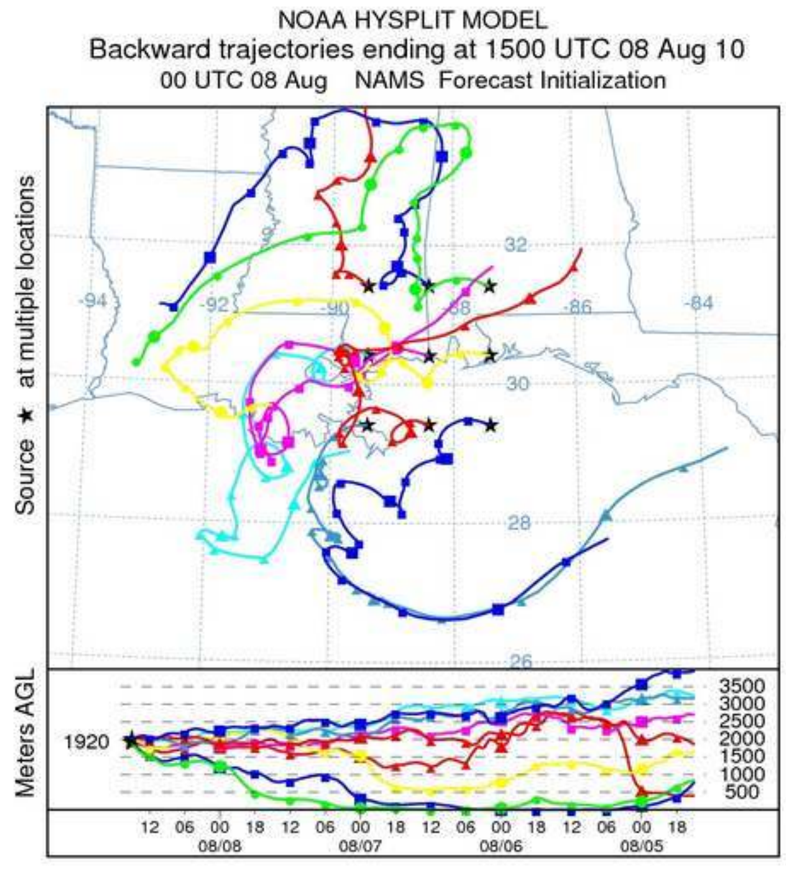

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
3000
2000
1000
08/08
08/07
08/06
08/05

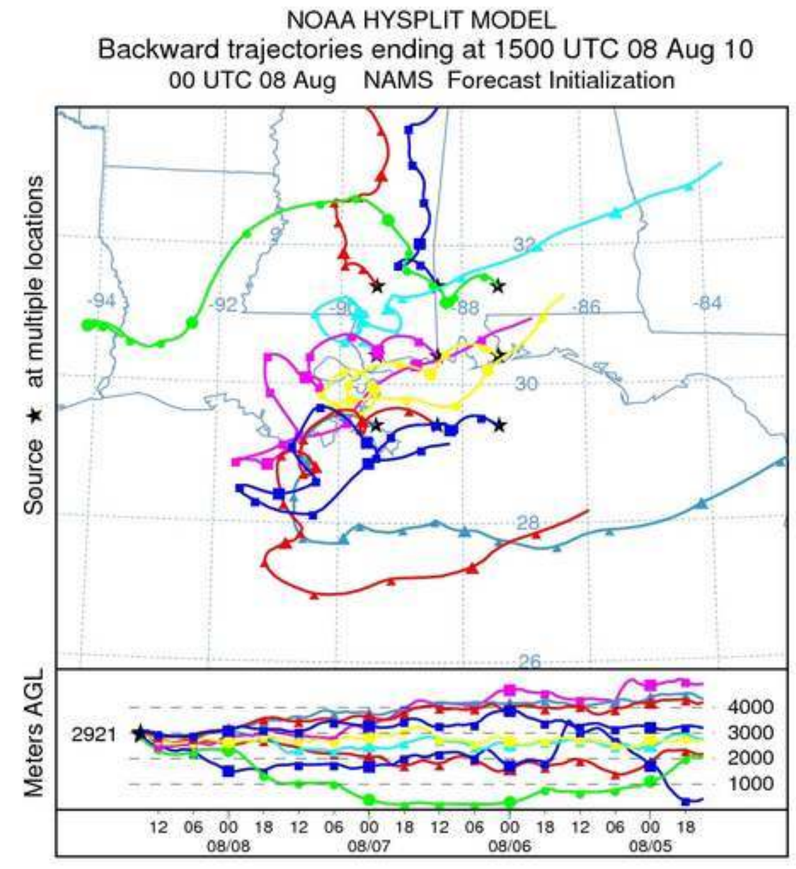

FORECAST for 2010_08_08, local hour = 10
Mixing Heights (m) Estimated with the HYSPLIT Model
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000
Latitude
Longitude

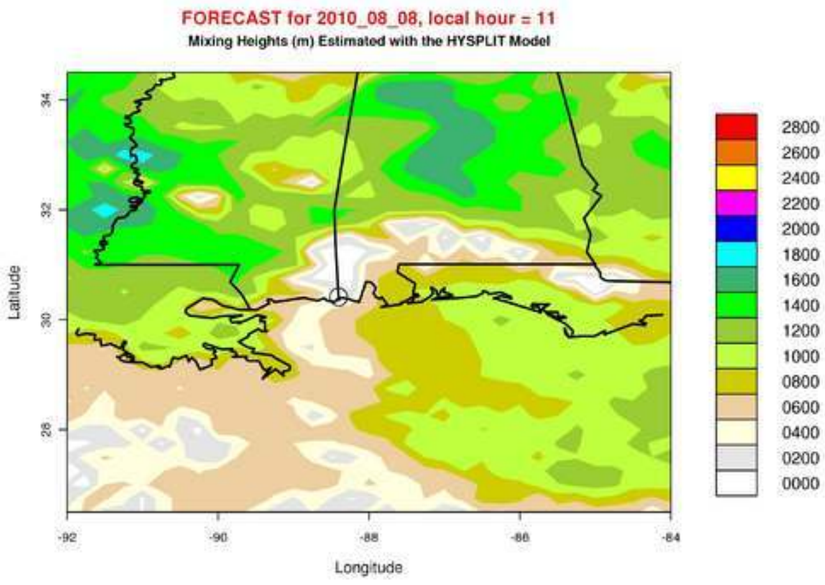

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2000
1500
1000
500
08/08
08/07
08/06
08/05

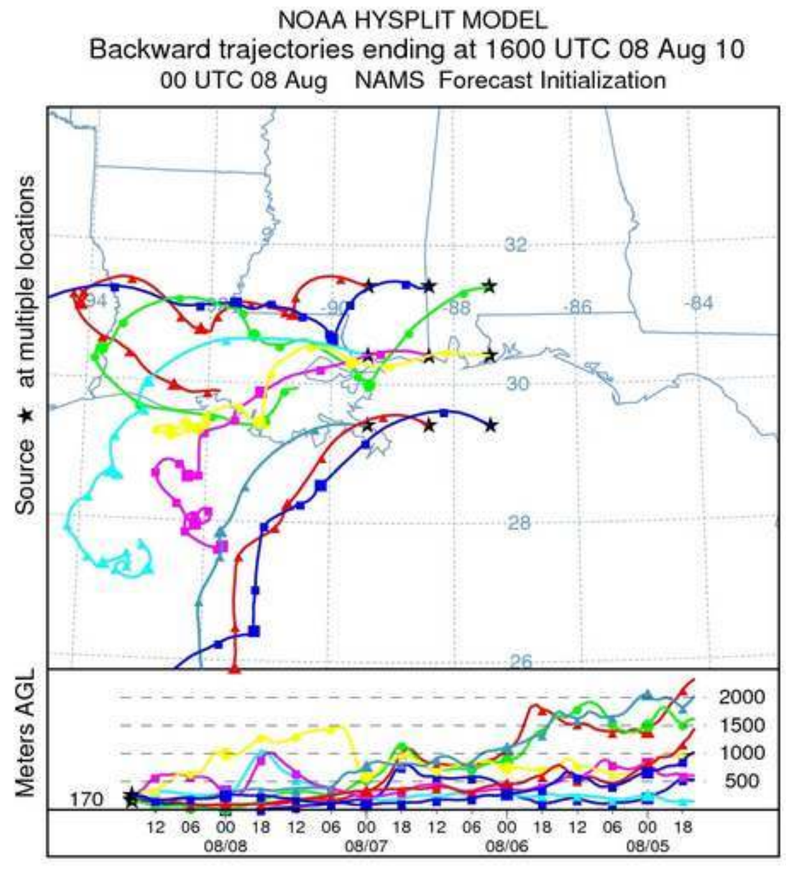

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

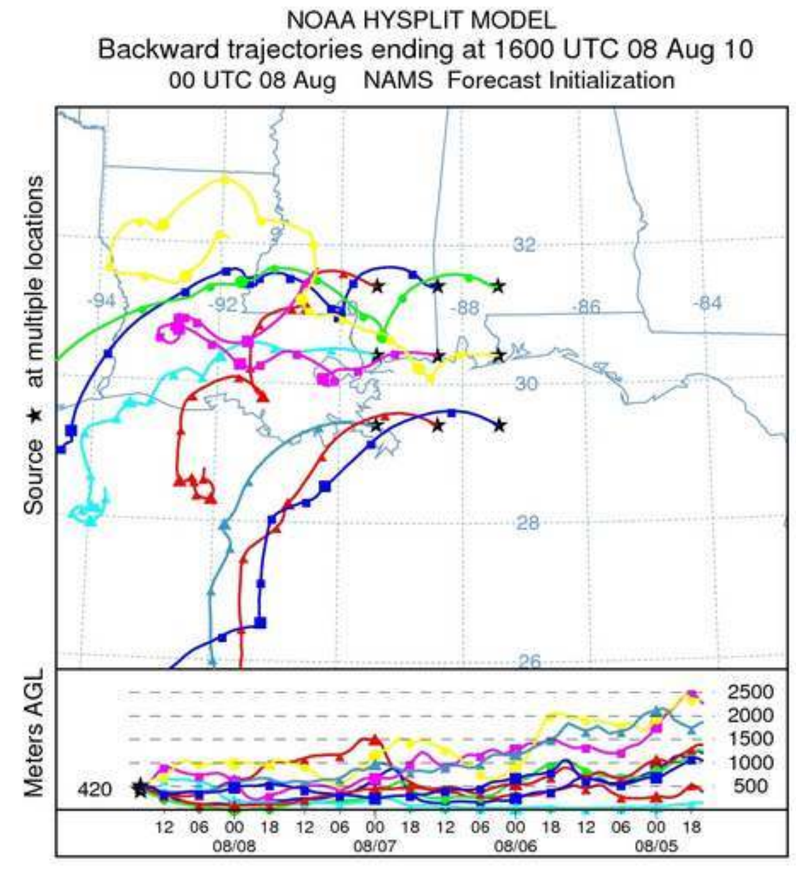

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

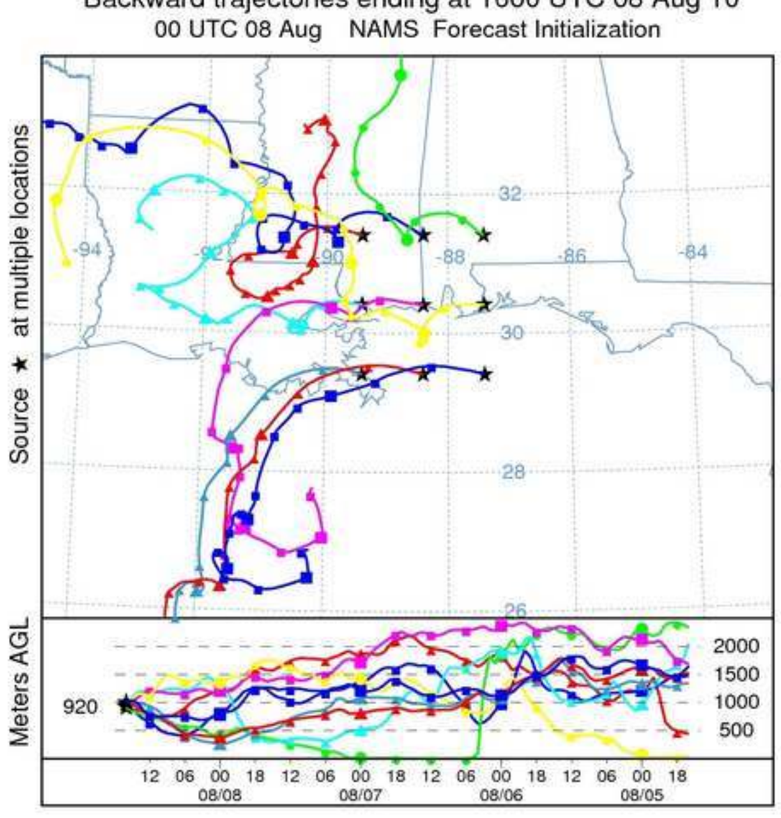

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1920
3500
3000
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

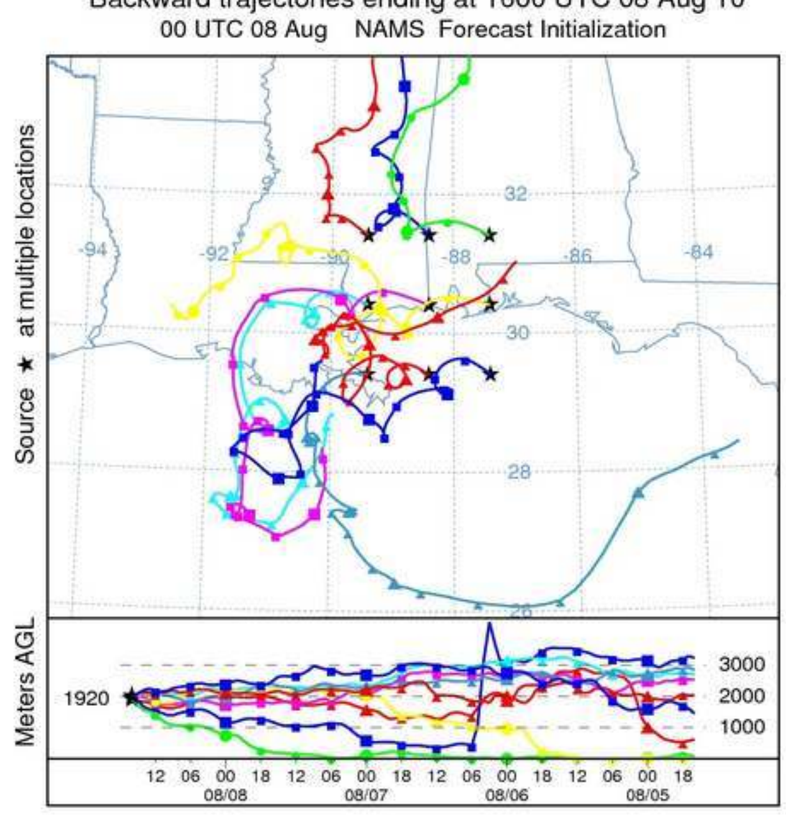

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/08
08/07
08/06
08/05

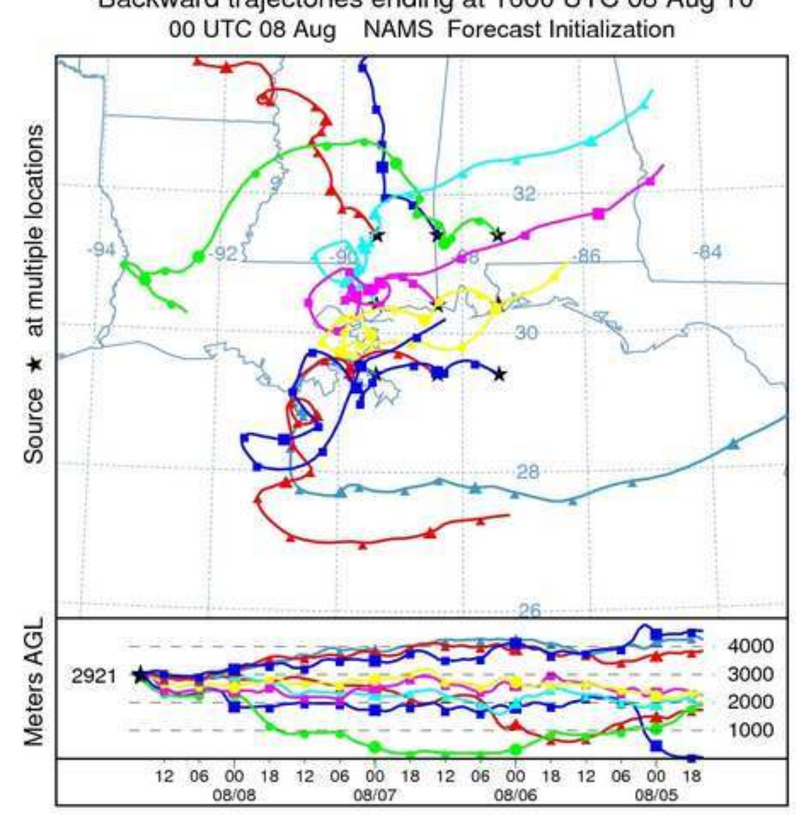

FORECAST for 2010_08_08, local hour = 11
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

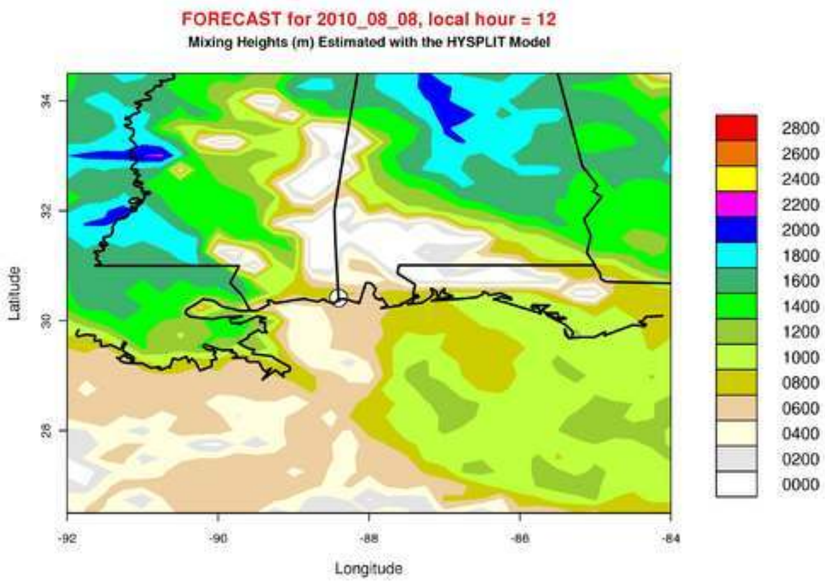

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2000
1500
1000
500
08/08
08/07
08/06
08/05

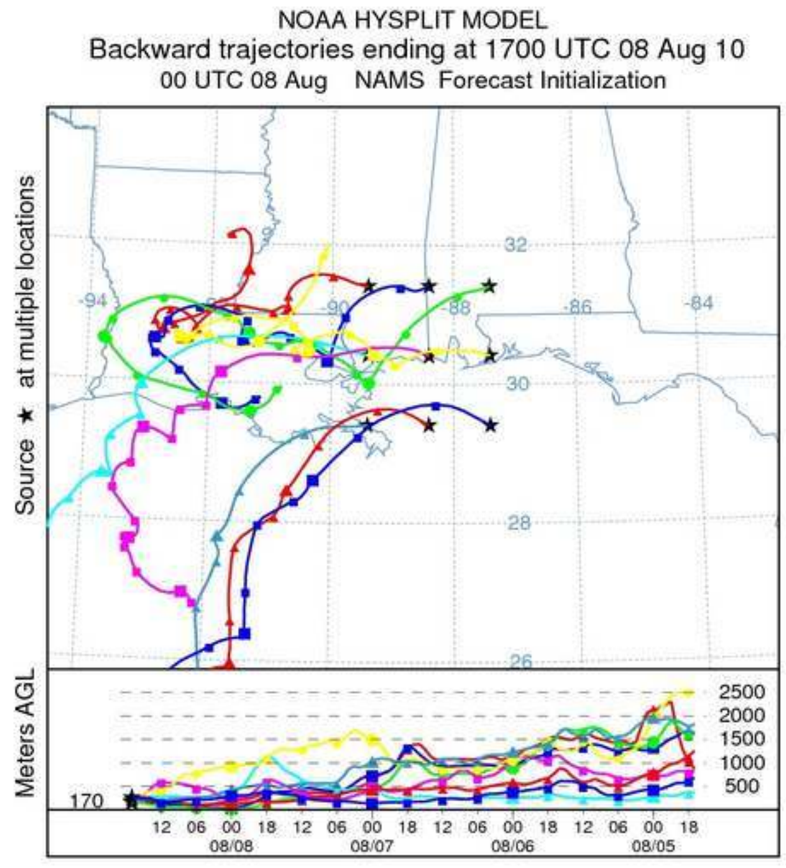

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

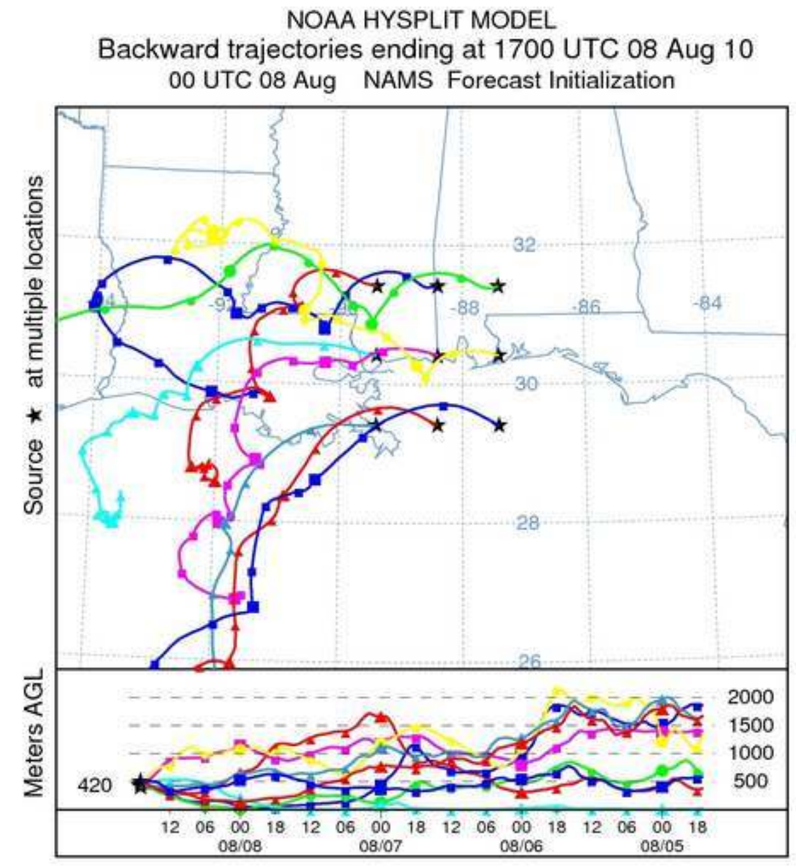

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
2000
1500
1000
500
08/08
08/07
08/06
08/05

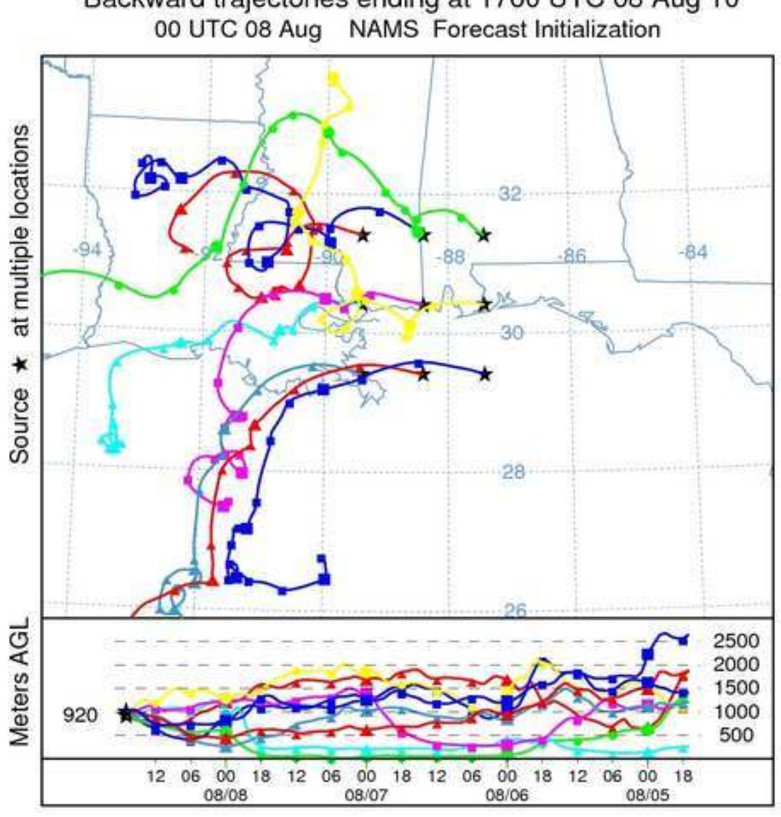

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1920
3000
2000
1000
08/08
08/07
08/06
08/05

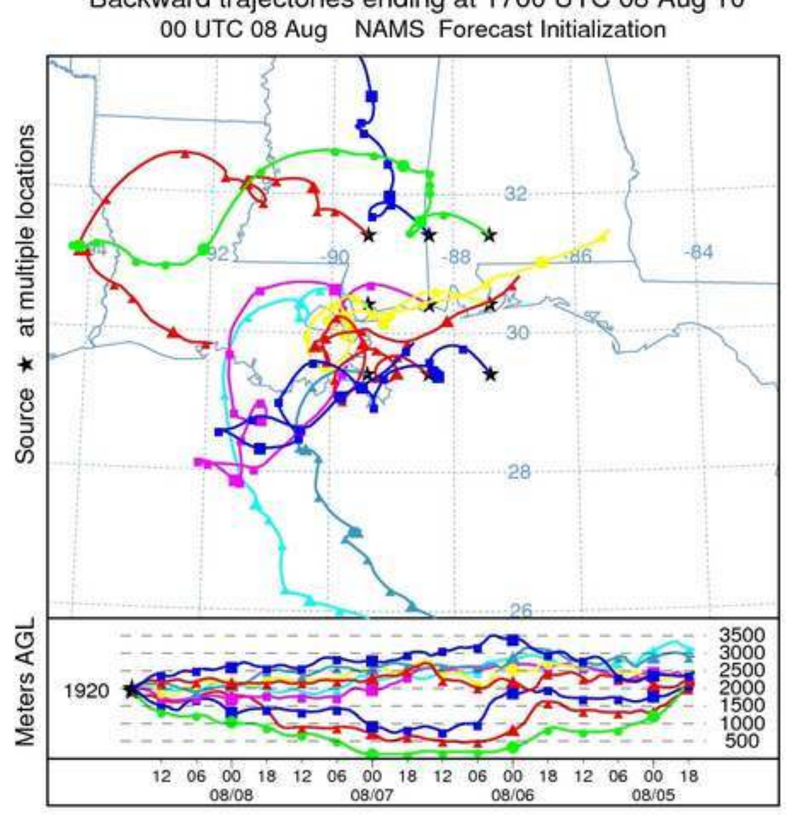

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/08
08/07
08/06
08/05

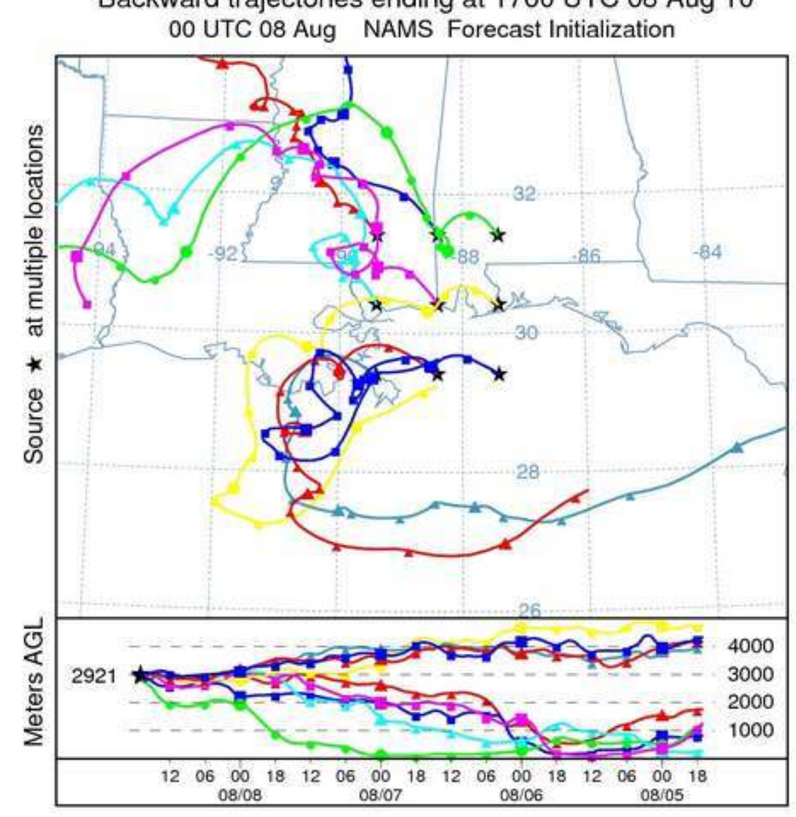

FORECAST for 2010_08_08, local hour = 12
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

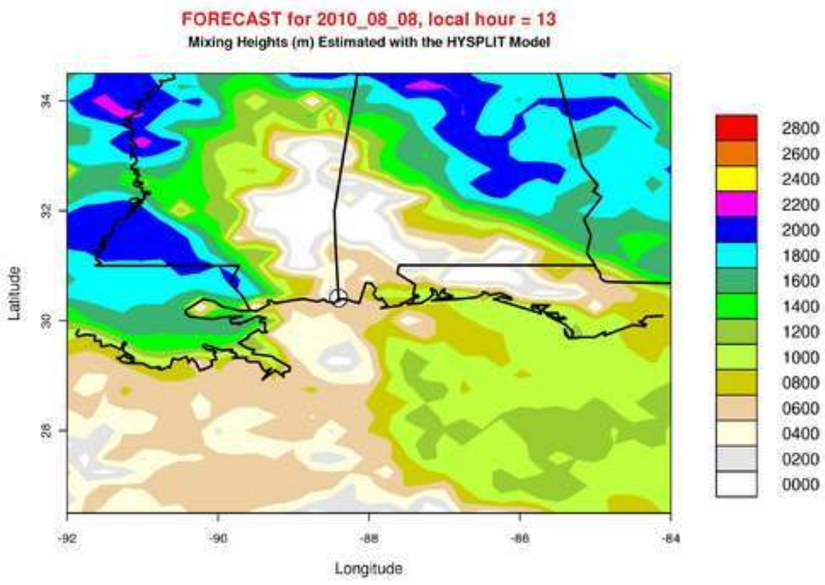

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

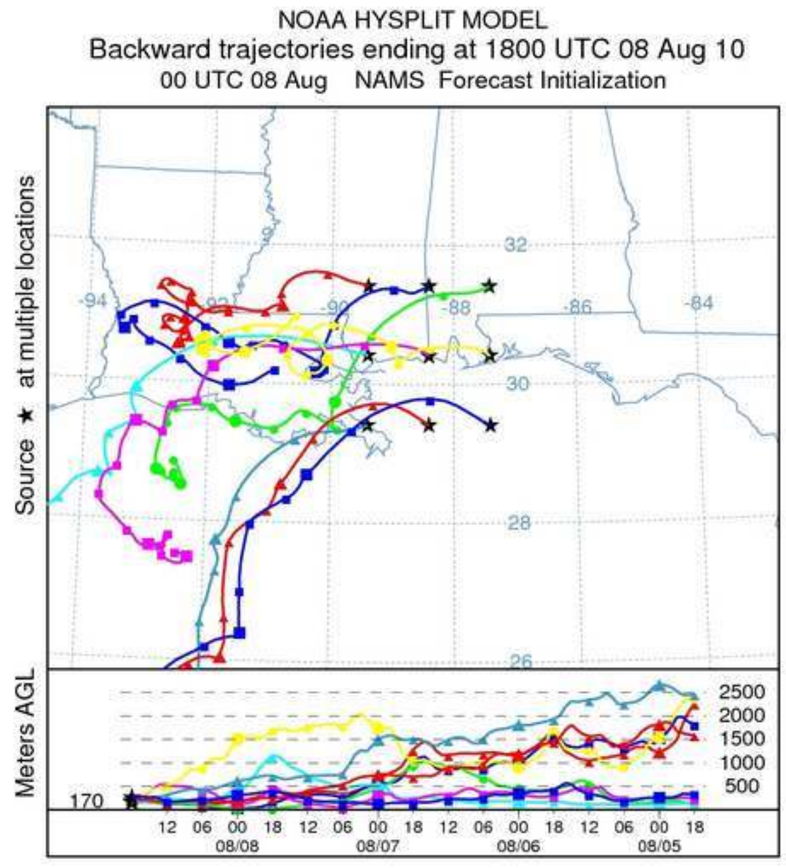

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2000
1500
1000
500
08/08
08/07
08/06
08/05

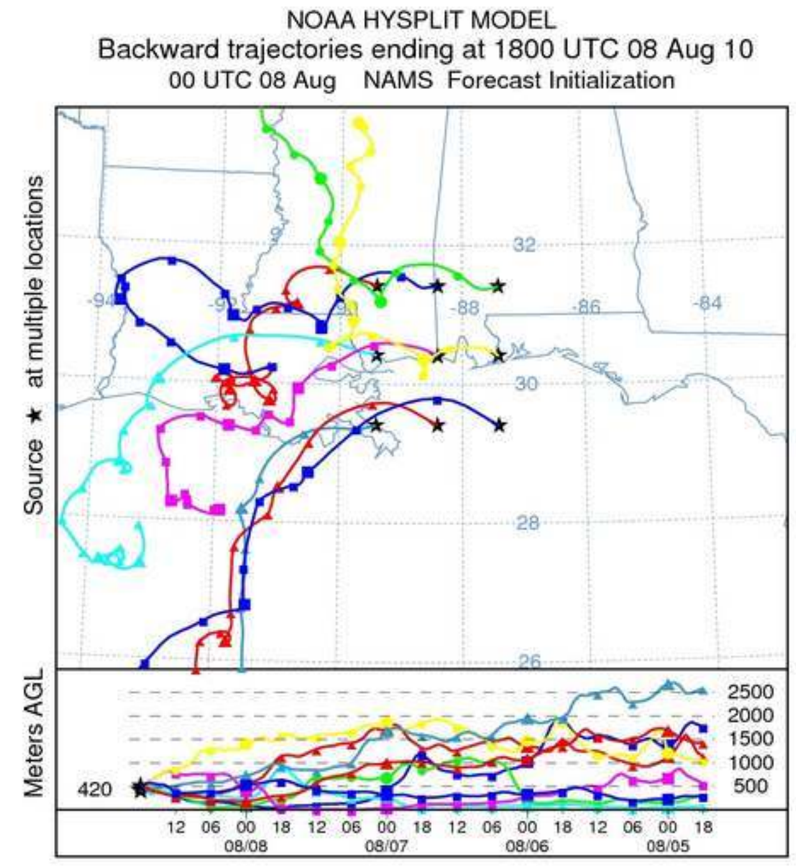

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

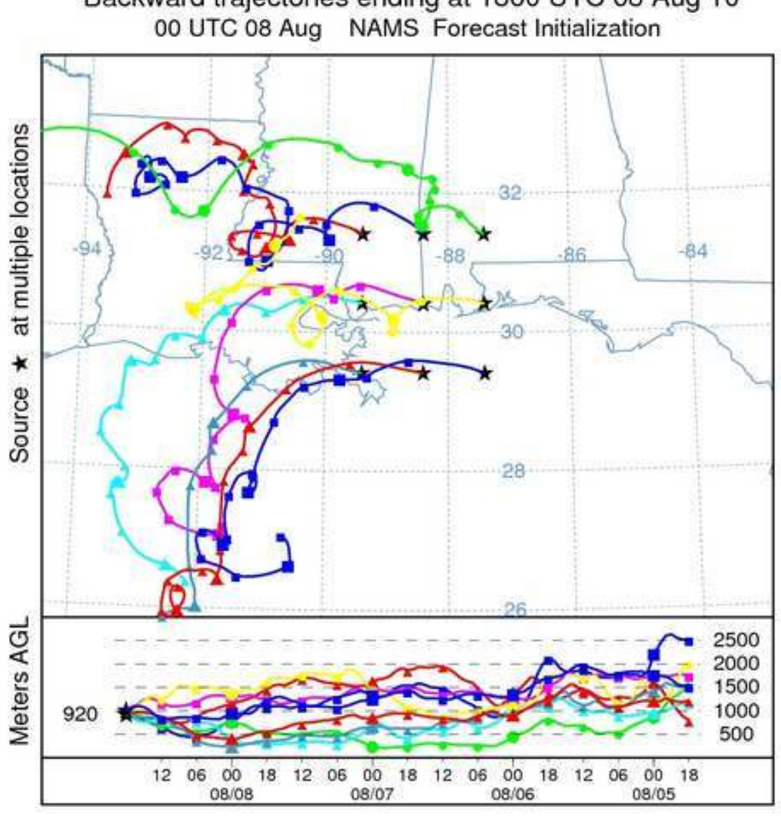

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1920
3500
3000
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

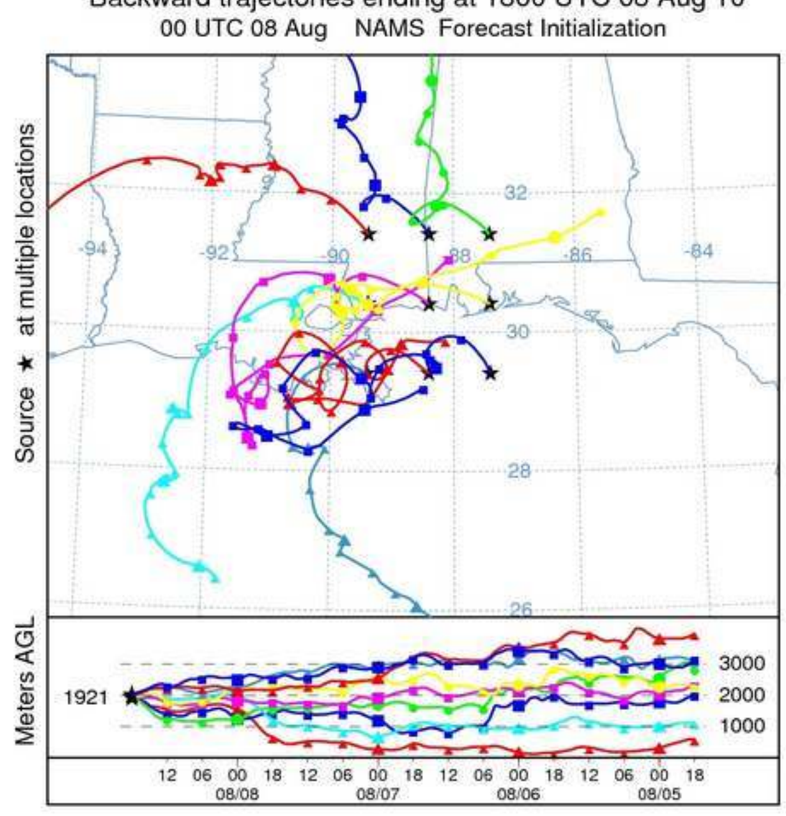

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/08
08/07
08/06
08/05

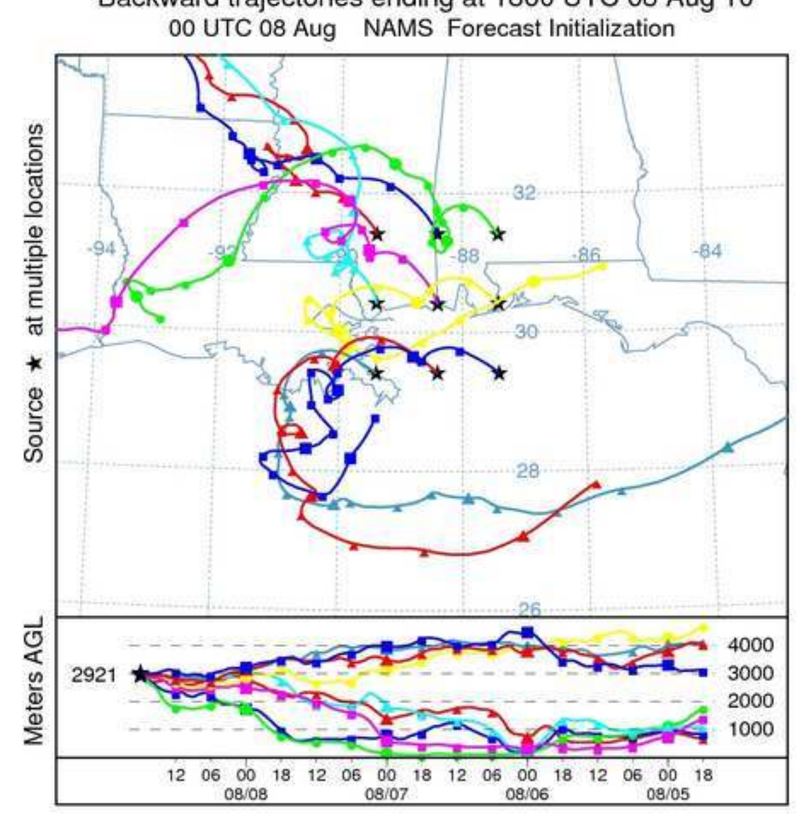

FORECAST for 2010_08_08, local hour = 13
Mixing Heights (m) Estimated with the HYSPLIT Model
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000
Latitude
Longitude

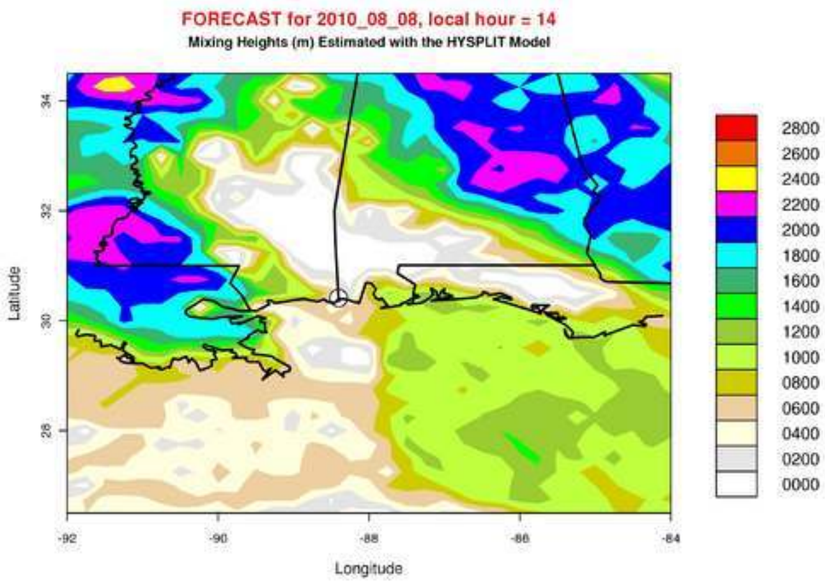

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

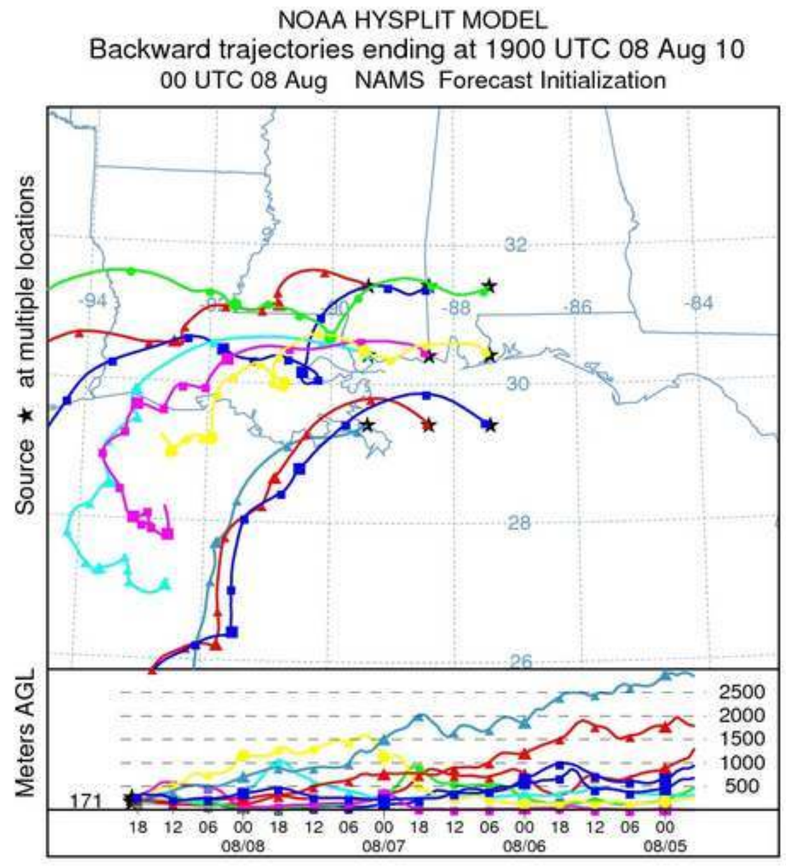

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

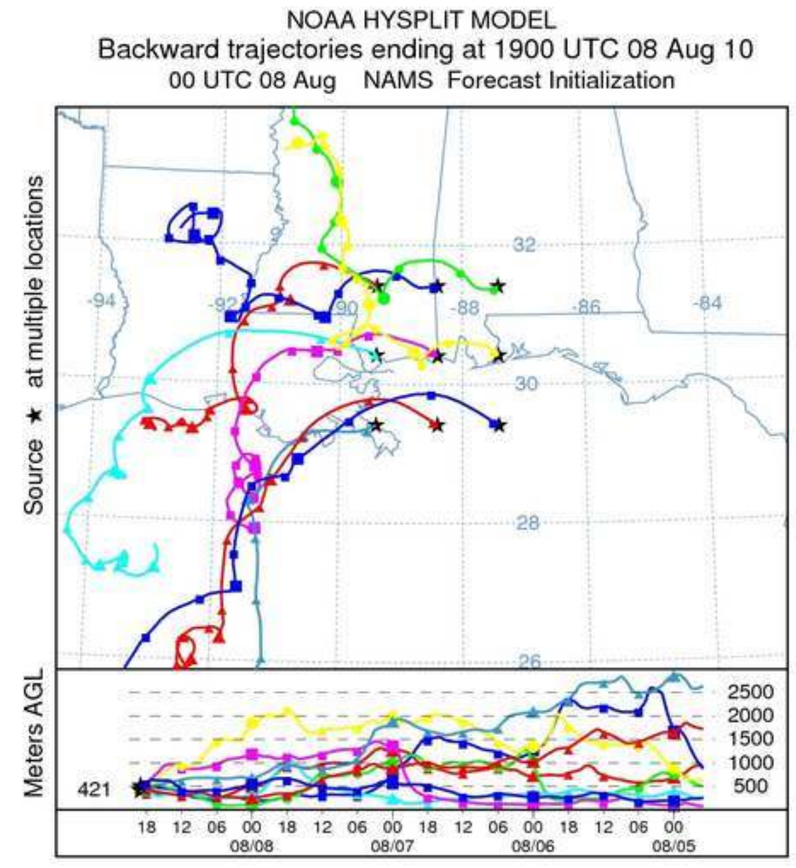

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

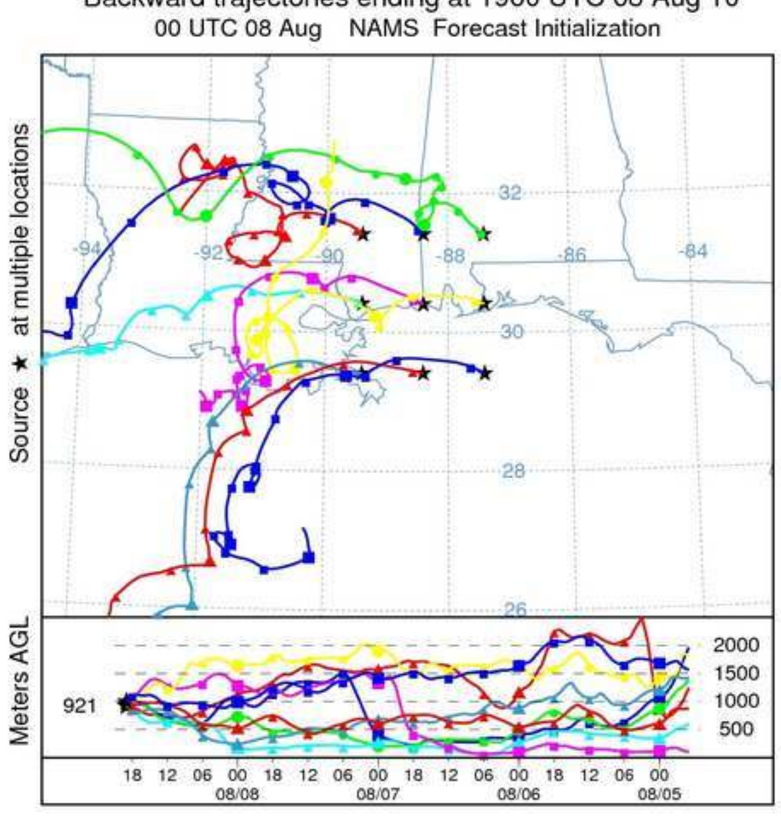

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3000
2000
1000
08/08
08/07
08/06
08/05

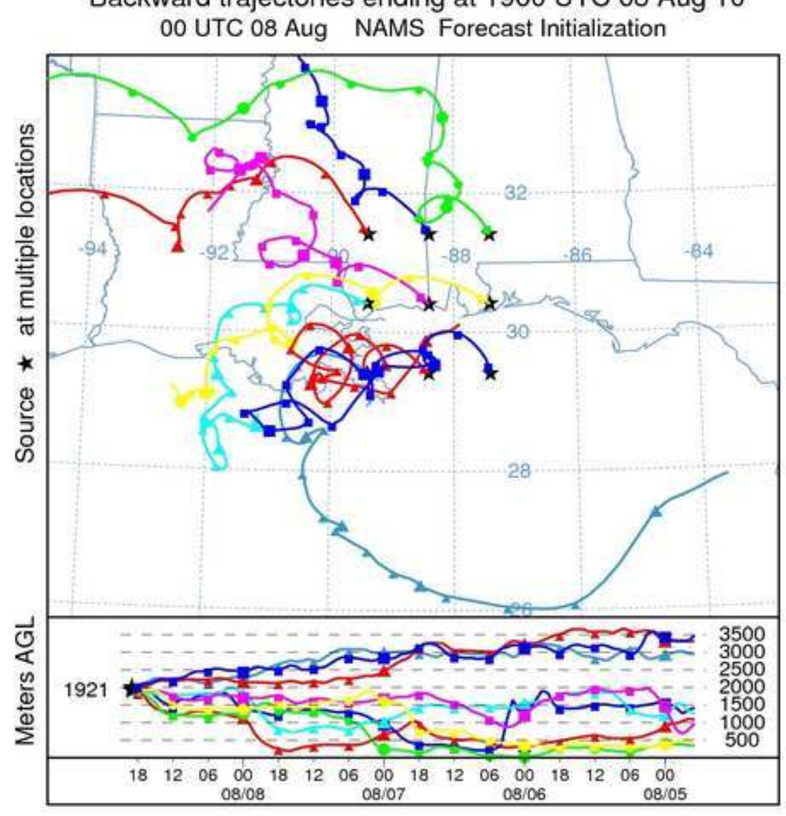

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/08
08/07
08/06
08/05

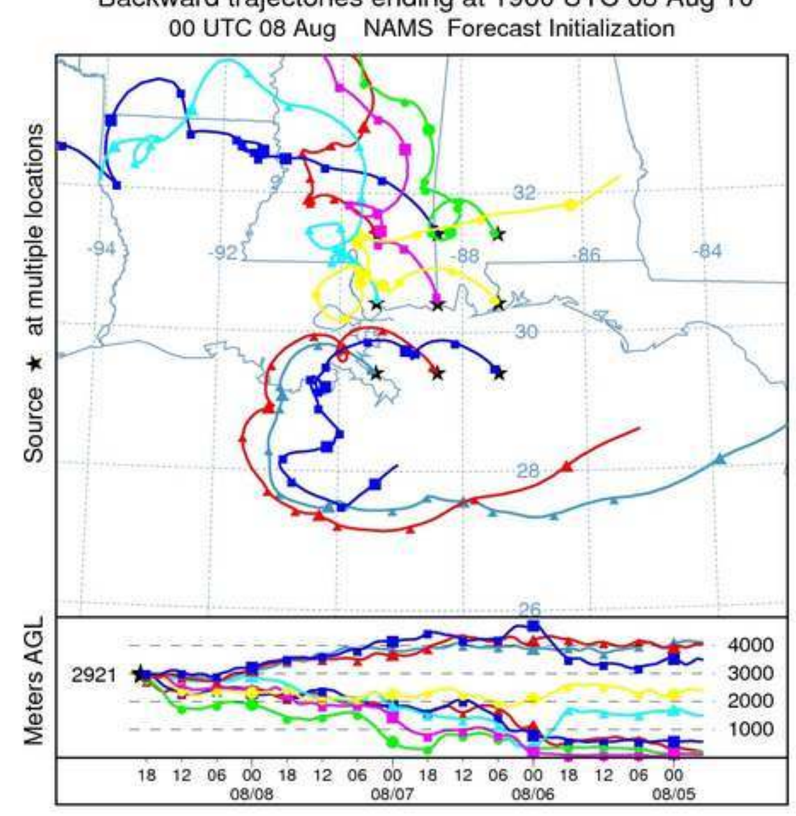

FORECAST for 2010_08_08, local hour = 14
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

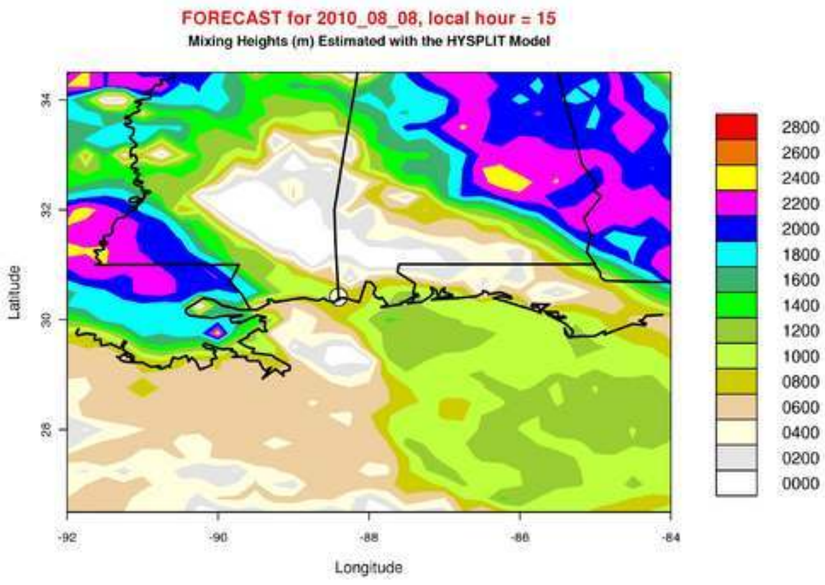

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

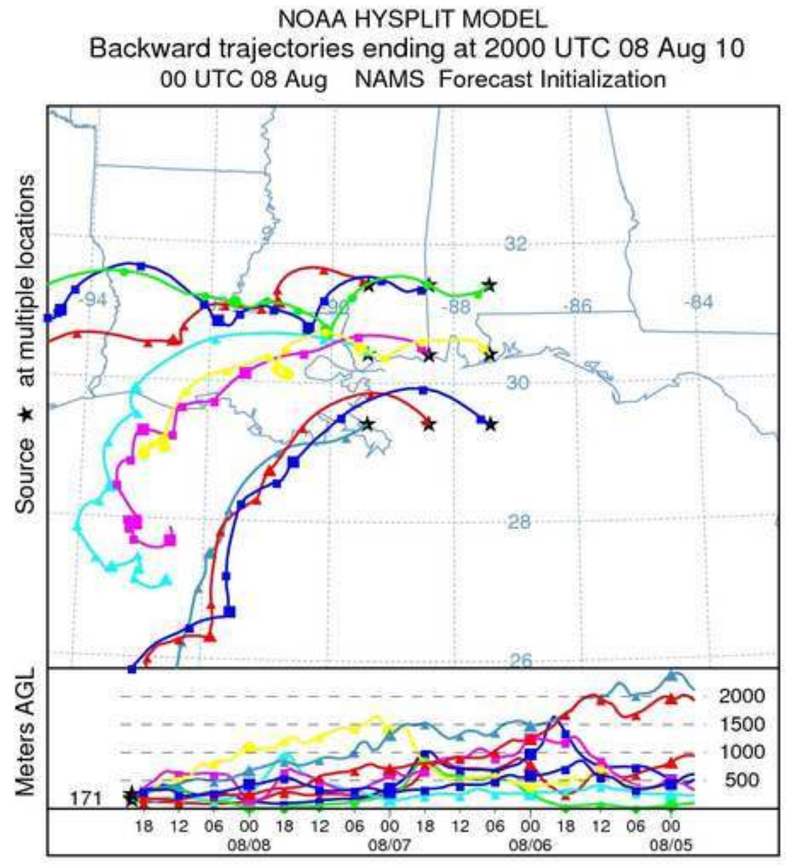

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

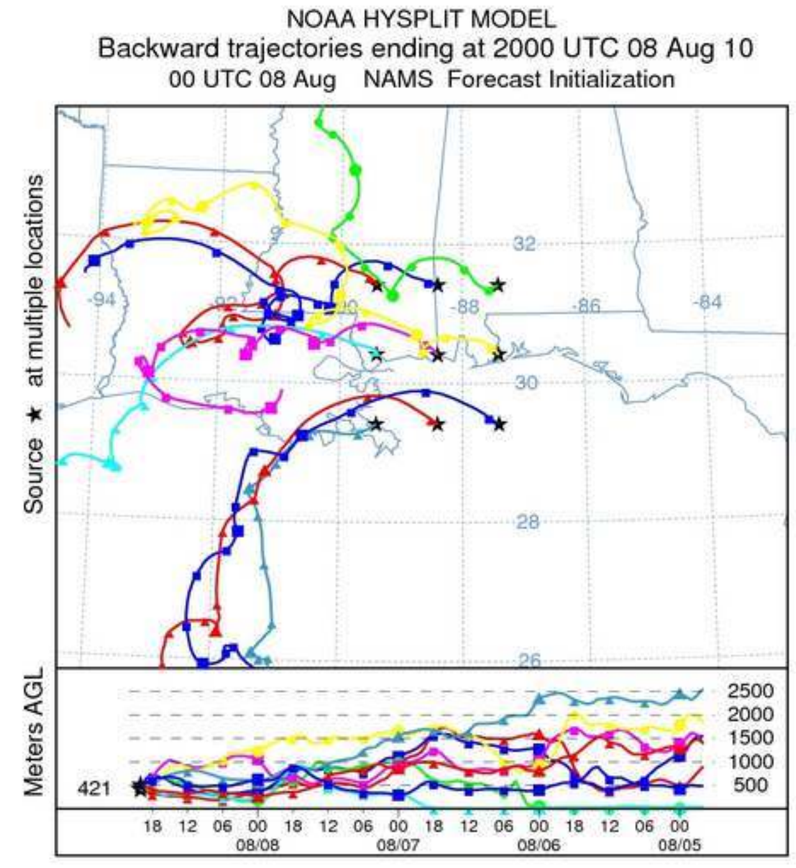

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2000
1500
1000
500
08/08
08/07
08/06
08/05

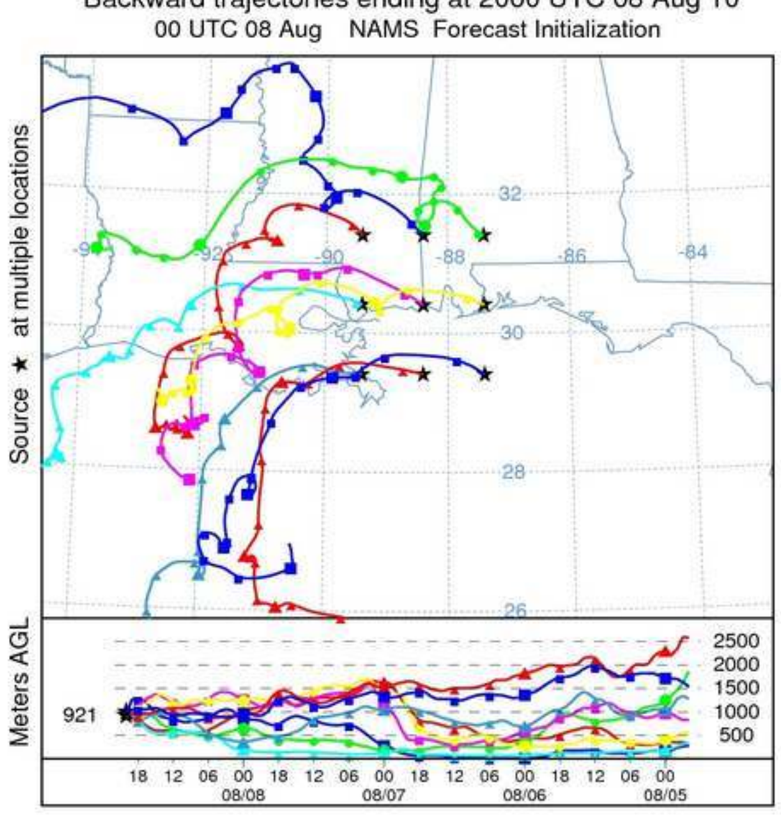

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3500
3000
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

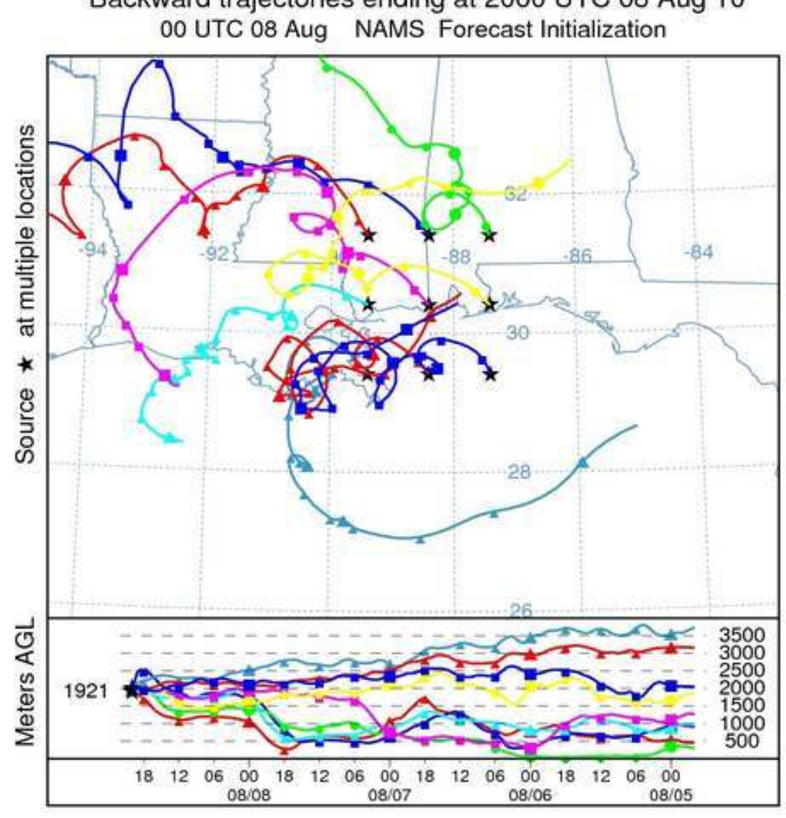

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/08
08/07
08/06
08/05

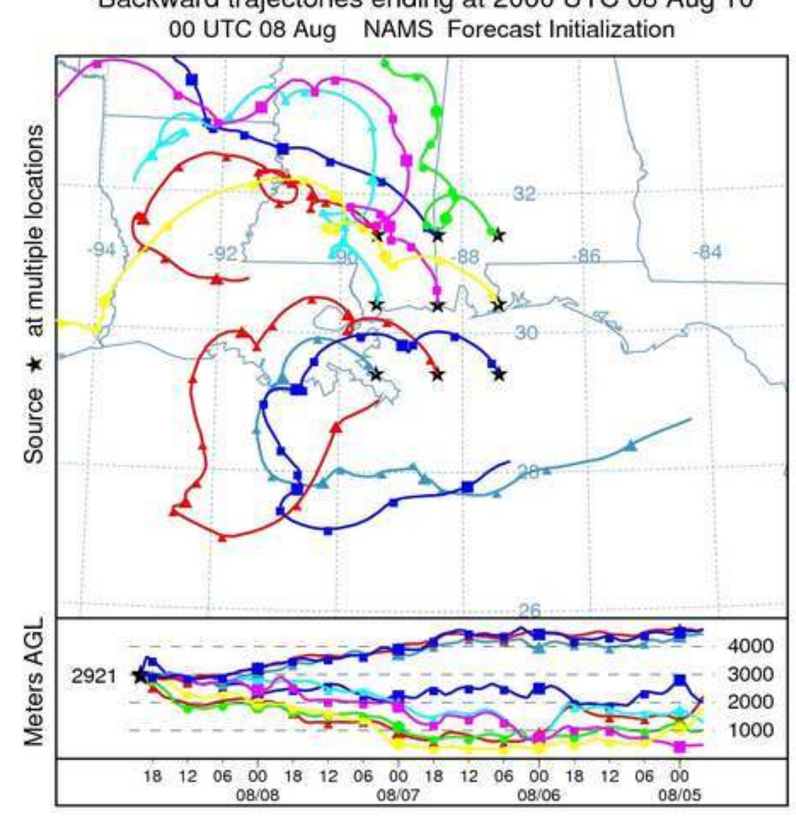

FORECAST for 2010_08_08, local hour = 15
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

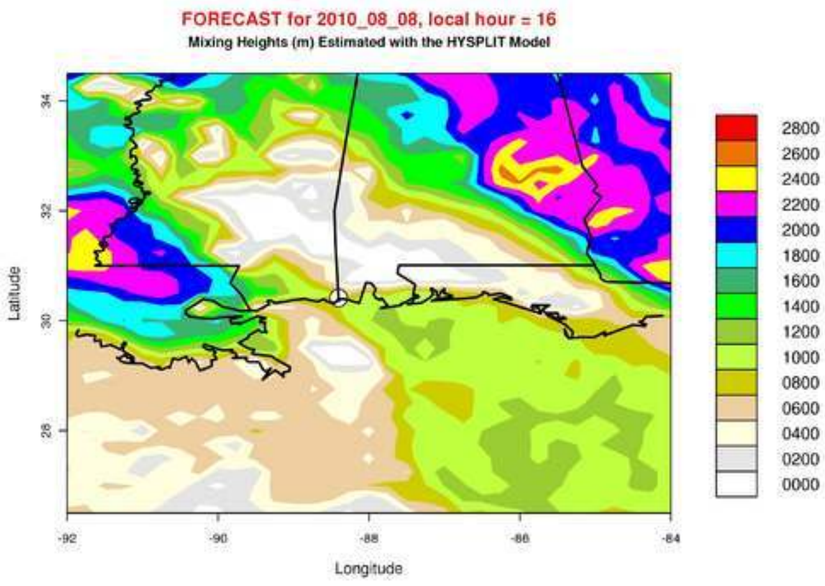

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171
2000
1500
1000
500
08/08
08/07
08/06
08/05

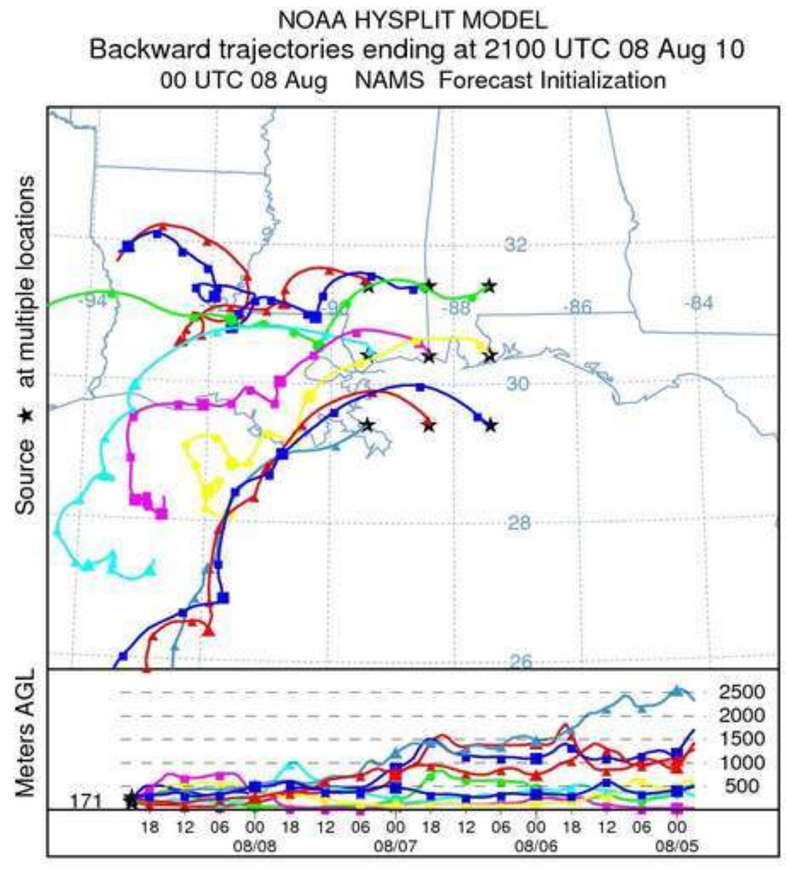

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

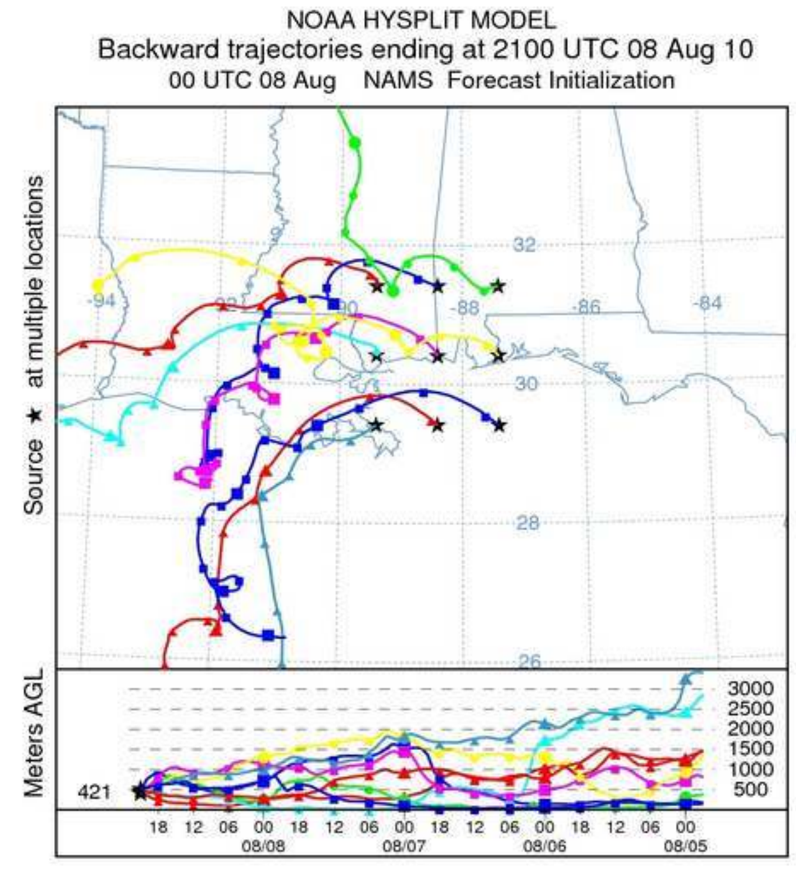

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

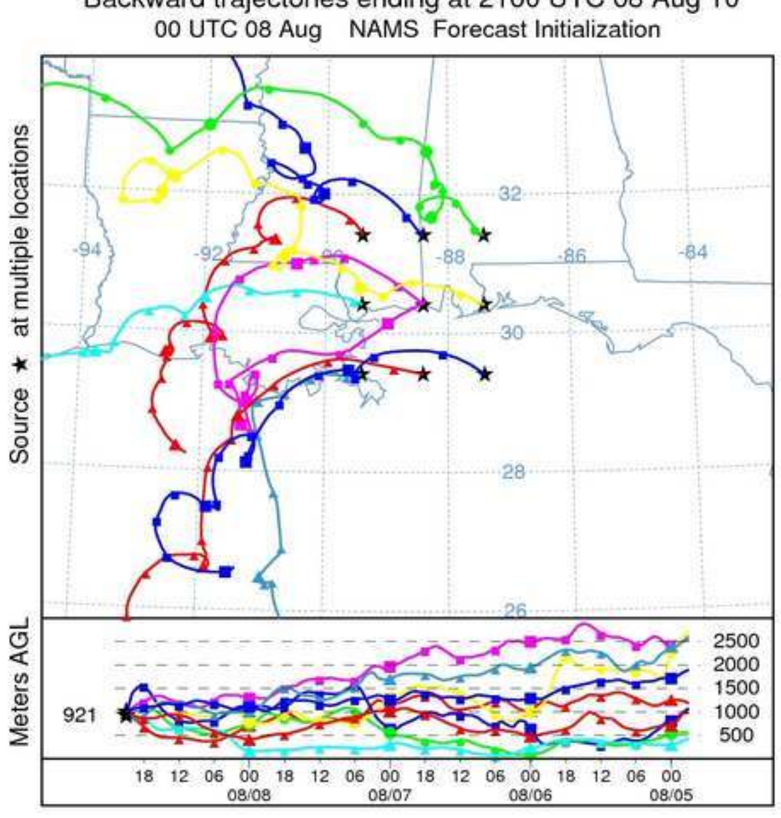

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3500
3000
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

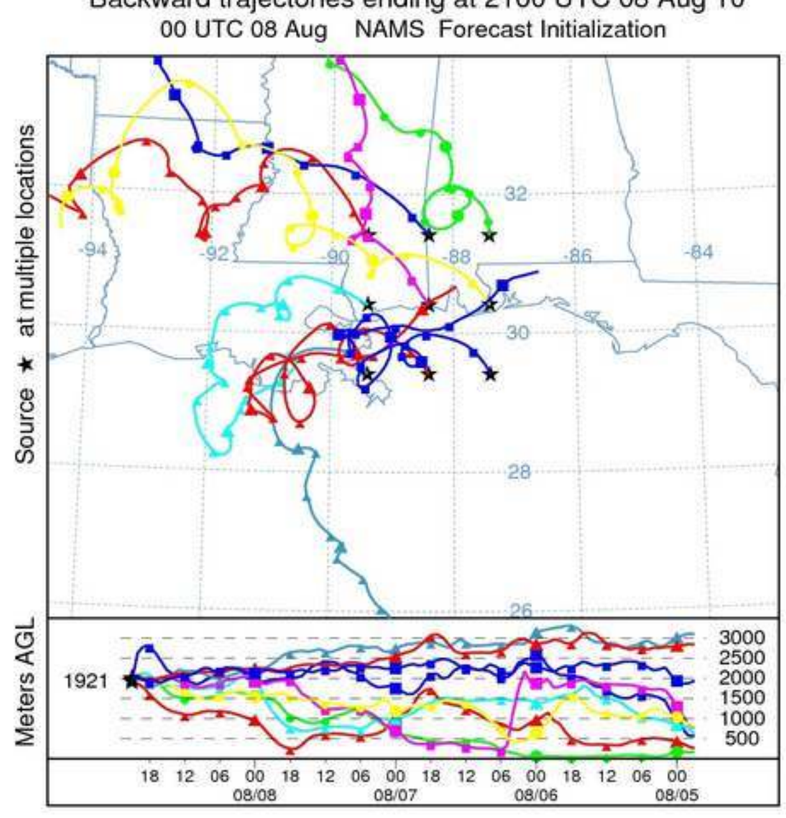

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/08
08/07
08/06
08/05

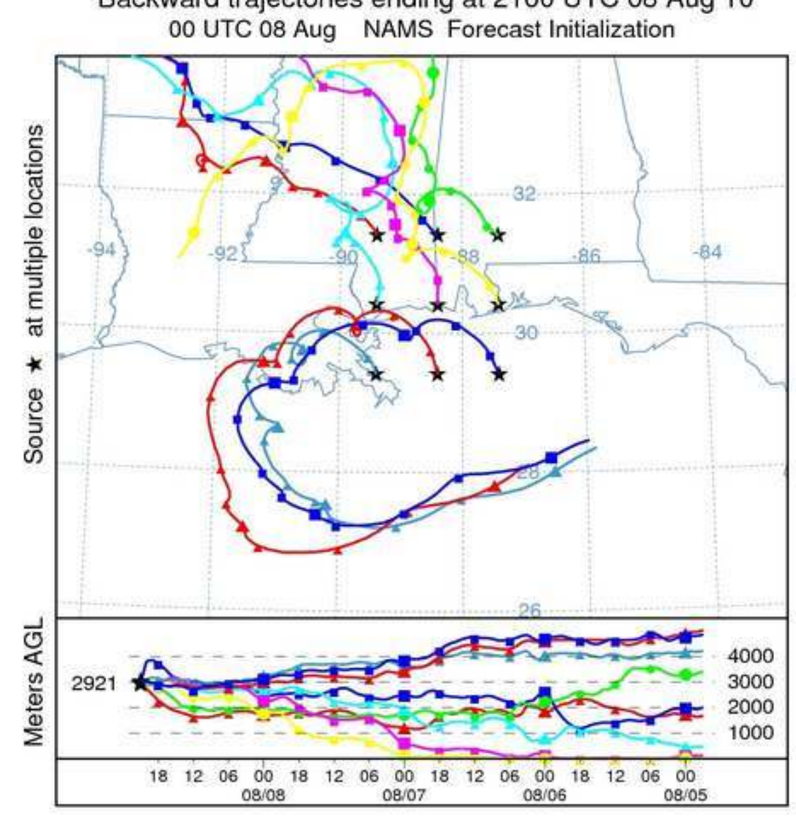

FORECAST for 2010_08_08, local hour = 16
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

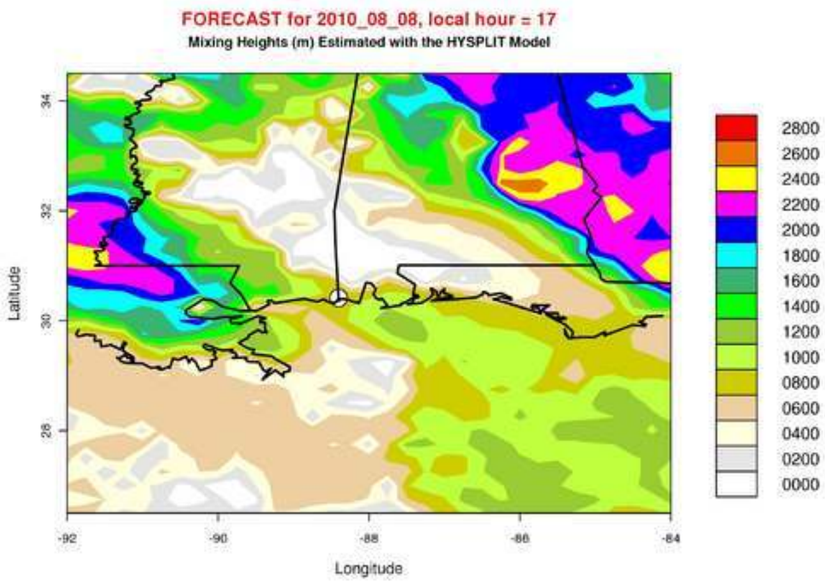

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

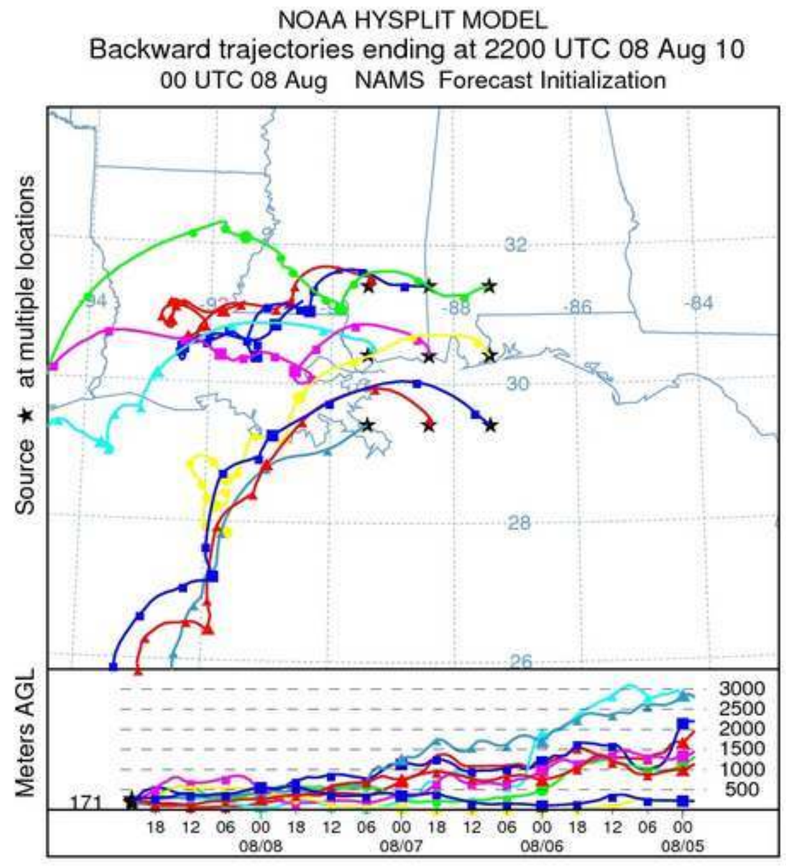

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
3000
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

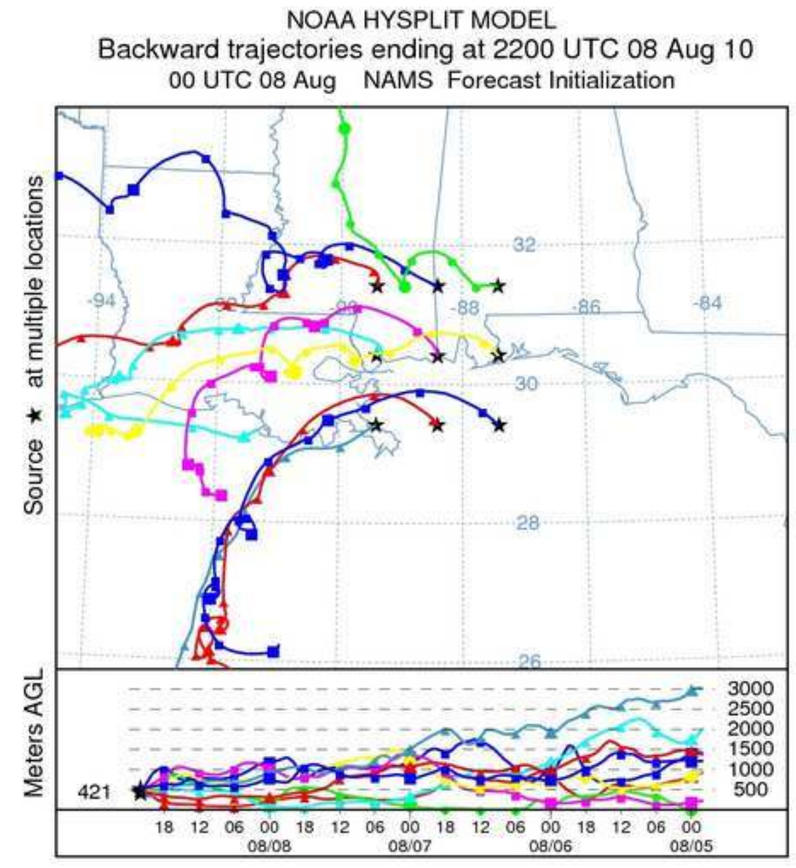

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

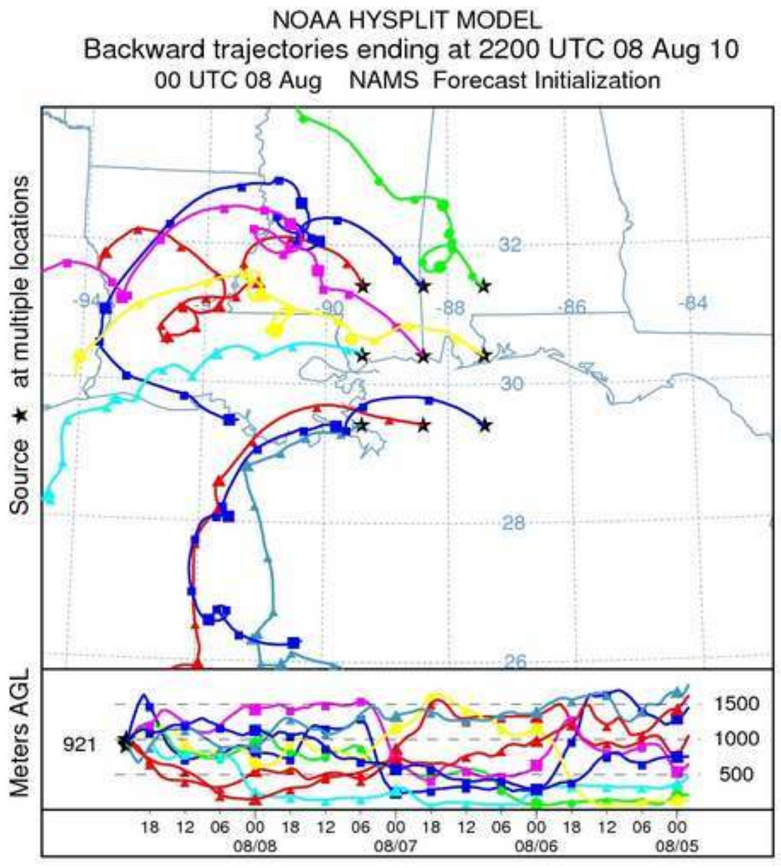

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3000
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

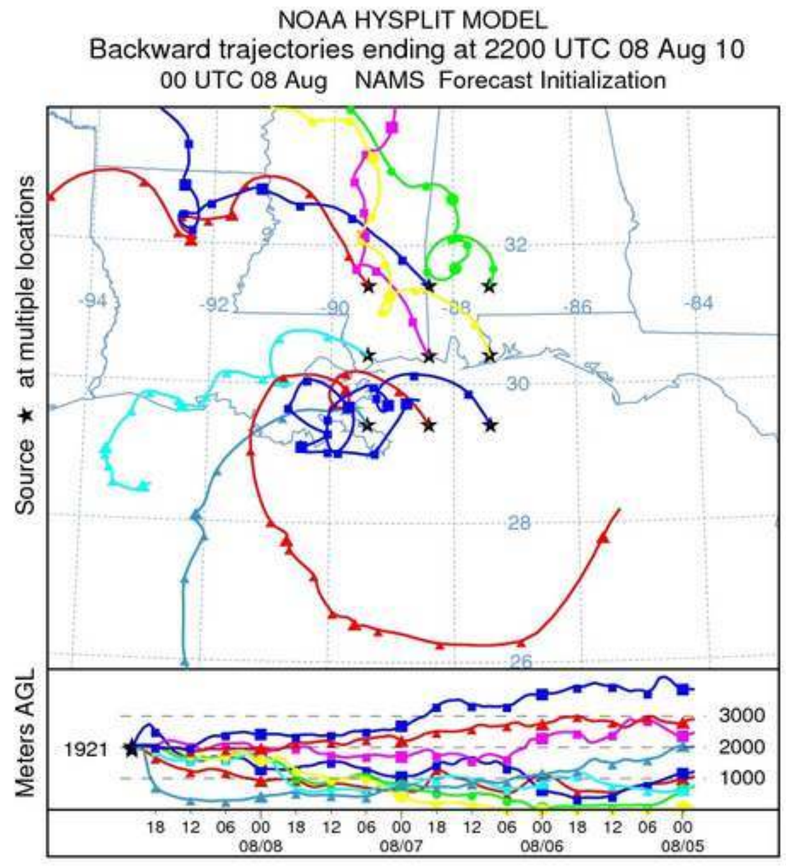

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/08
08/07
08/06
08/05

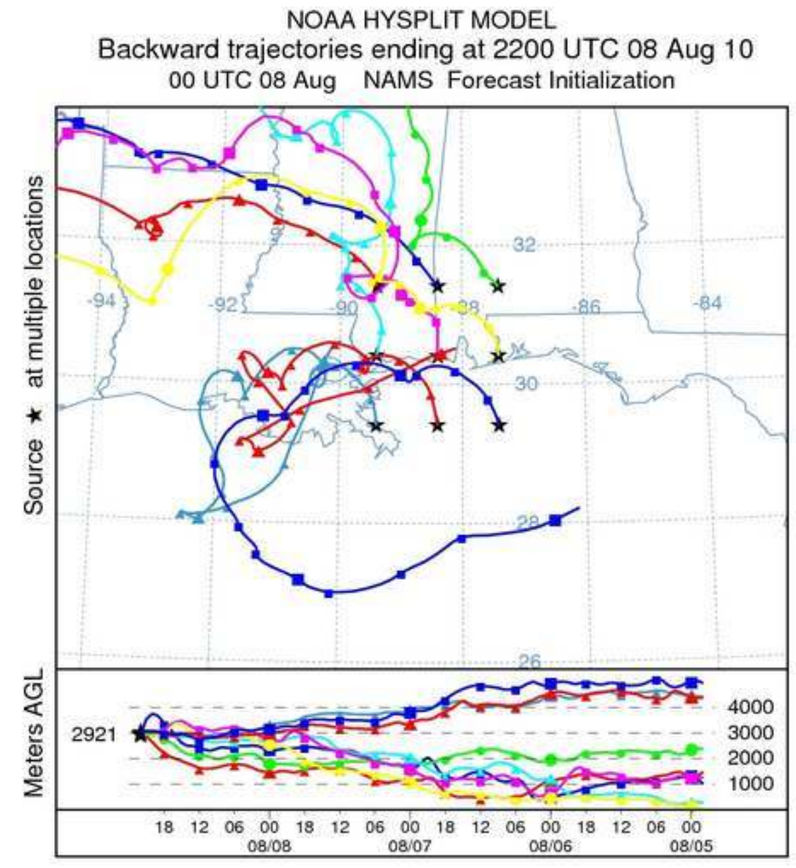

FORECAST for 2010_08_08, local hour = 17
Mixing Heights (m) Estimated with the HYSPLIT Model
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000
Latitude
Longitude

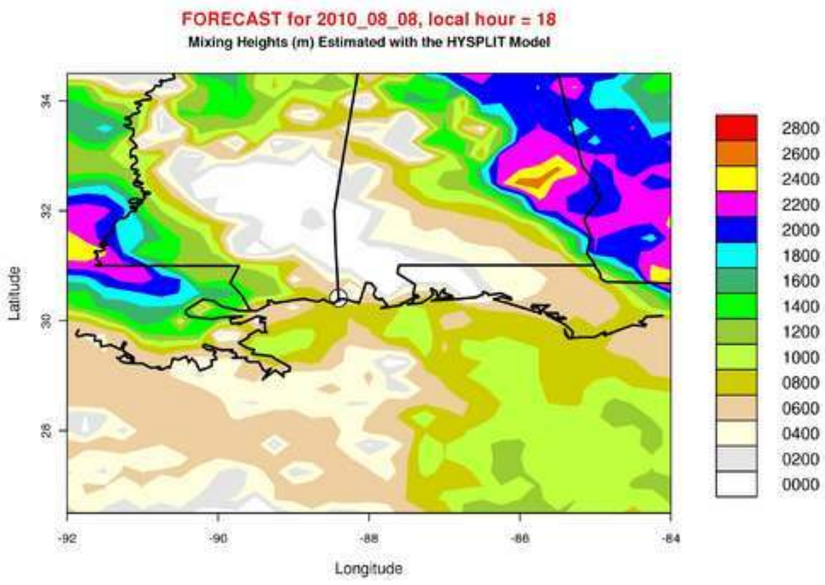

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171

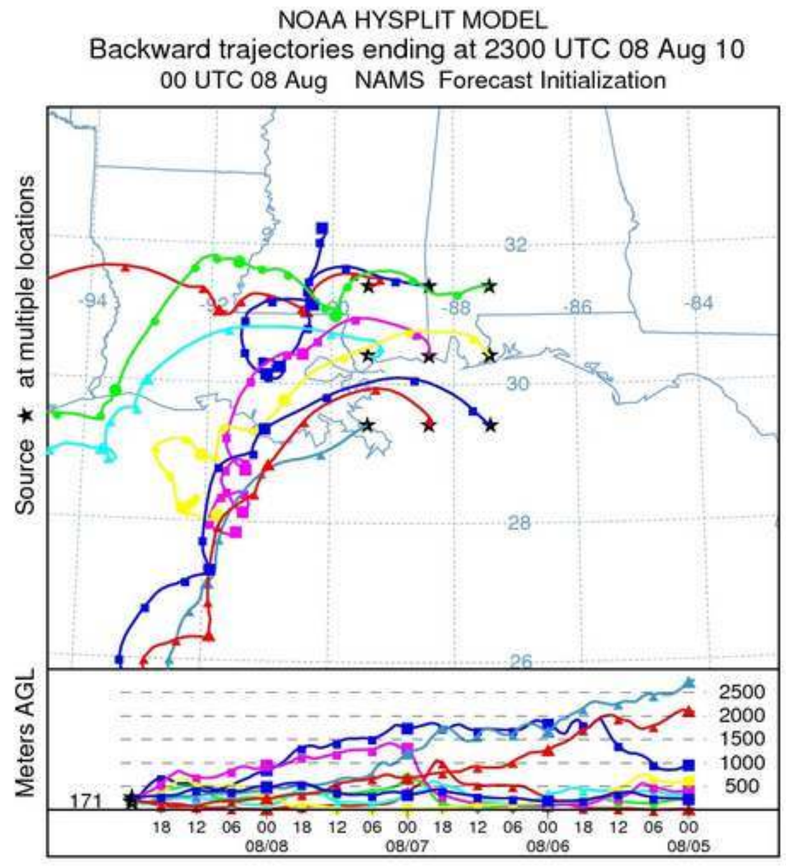

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421

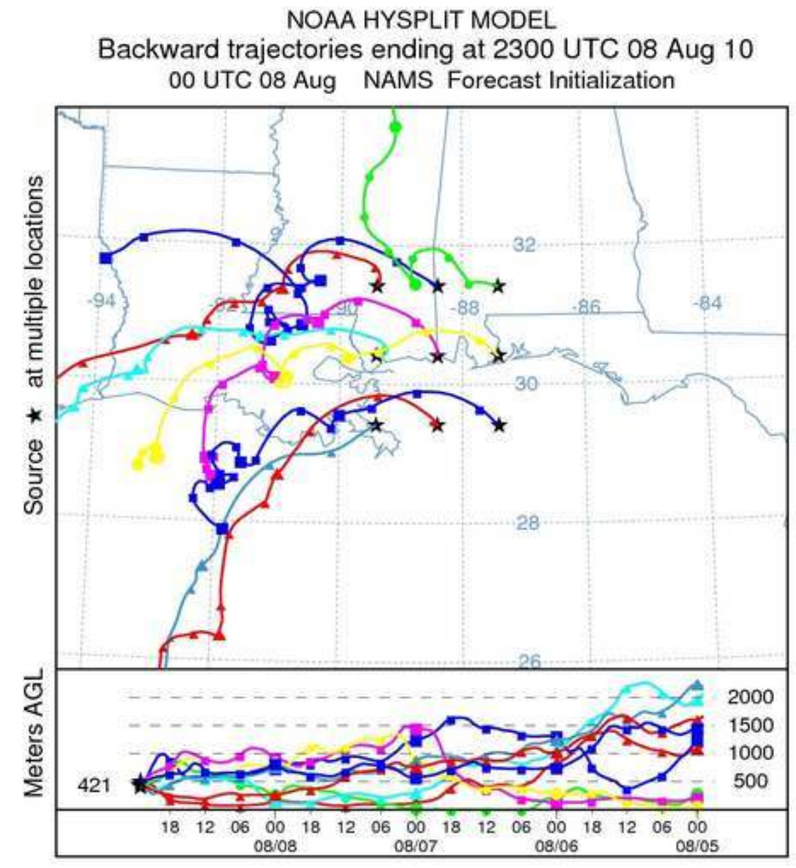

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921

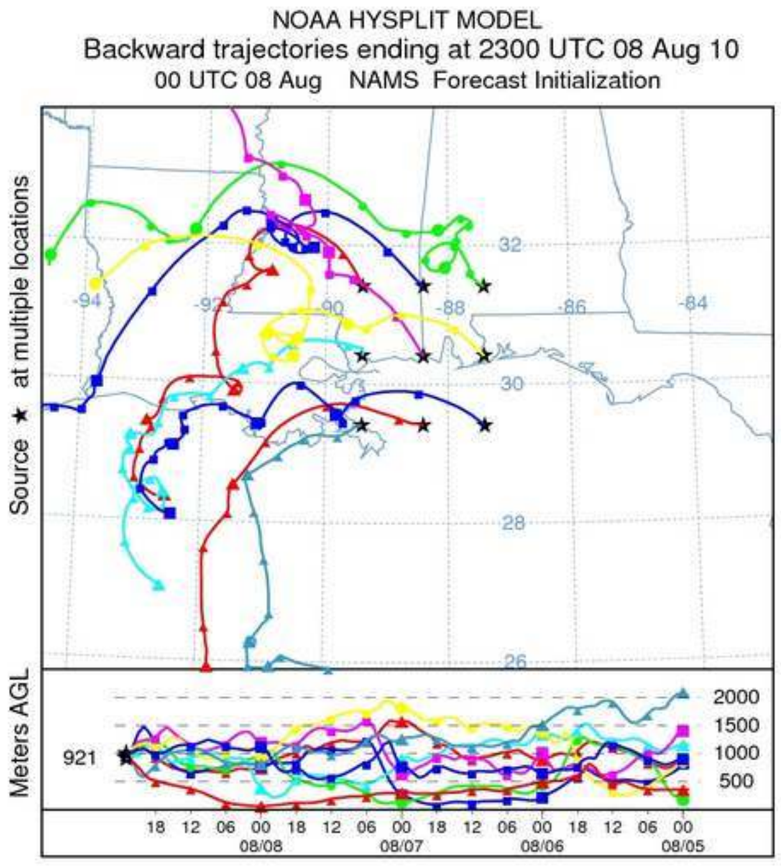

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921

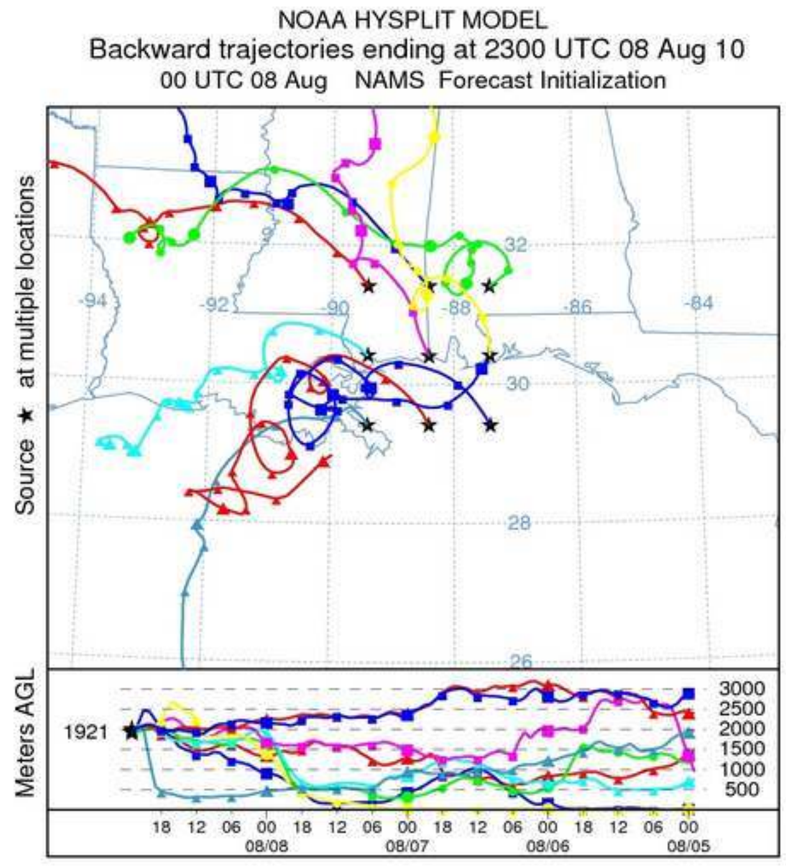

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921

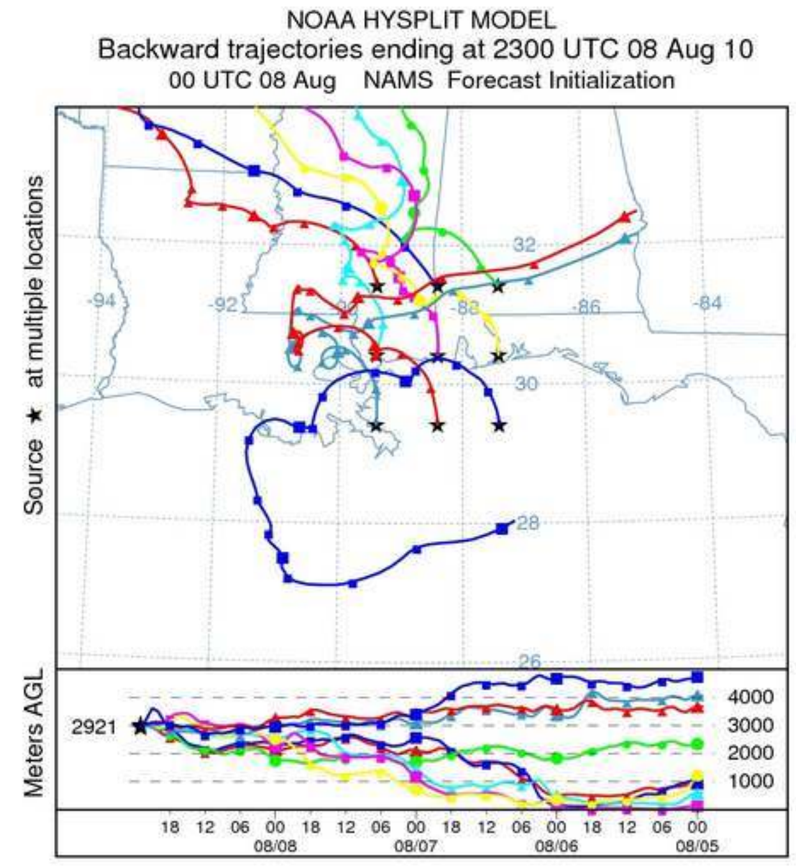

FORECAST for 2010_08_08, local hour = 18
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

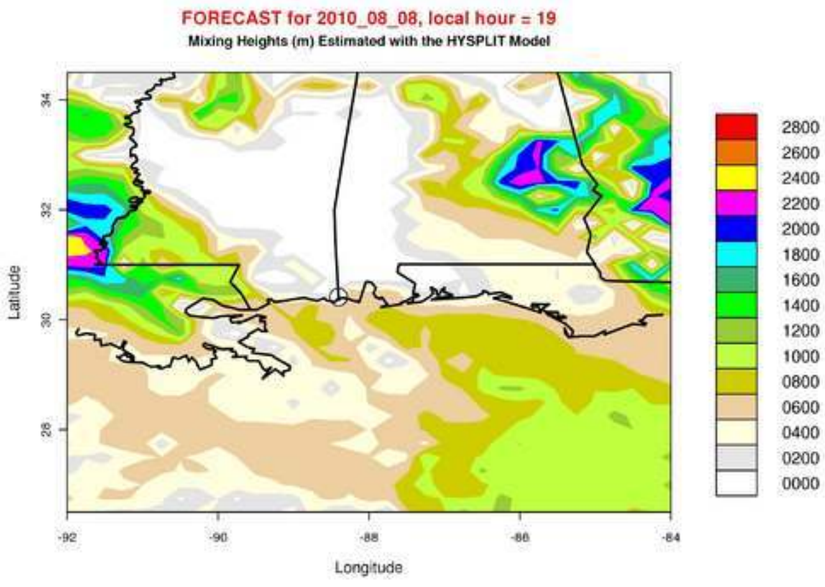

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171
08/08
08/07
08/06
08/05

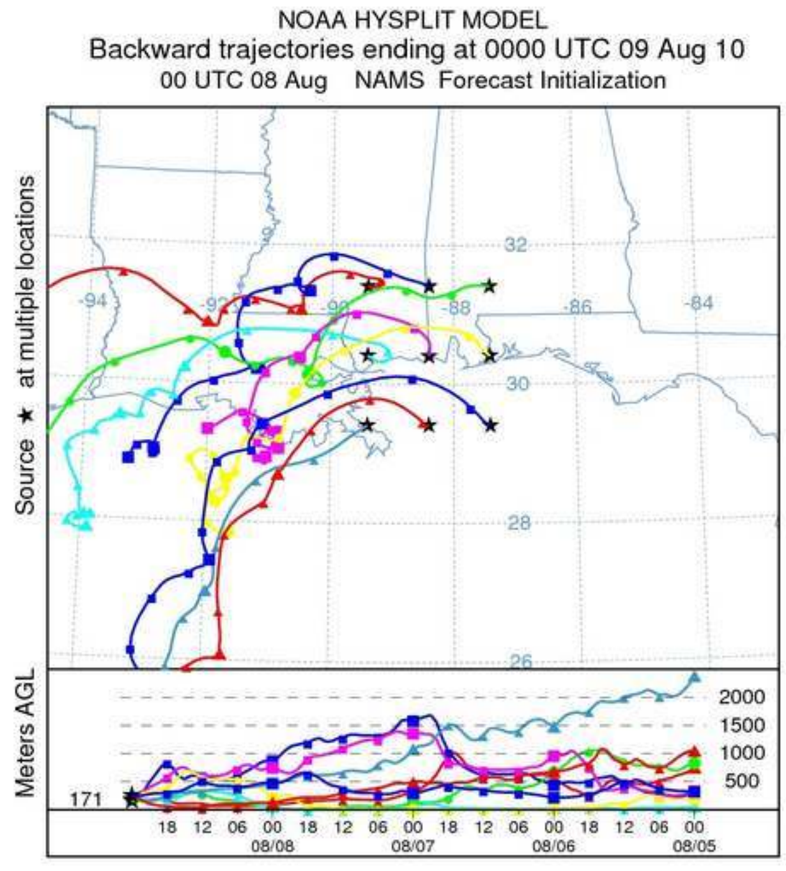

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
08/08
08/07
08/06
08/05

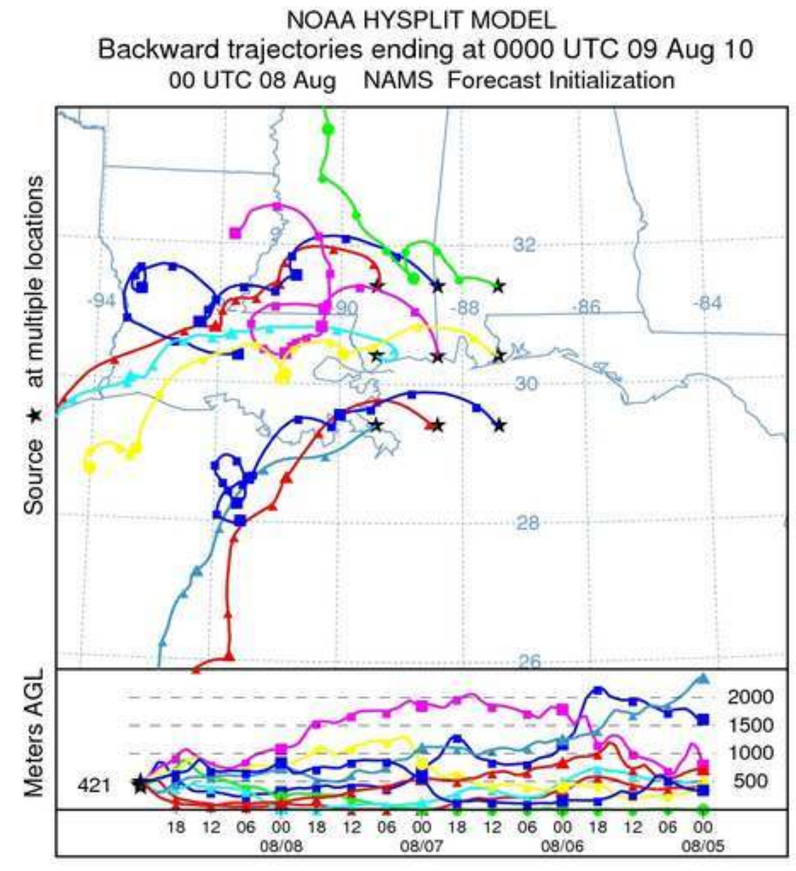

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
08/08
08/07
08/06
08/05

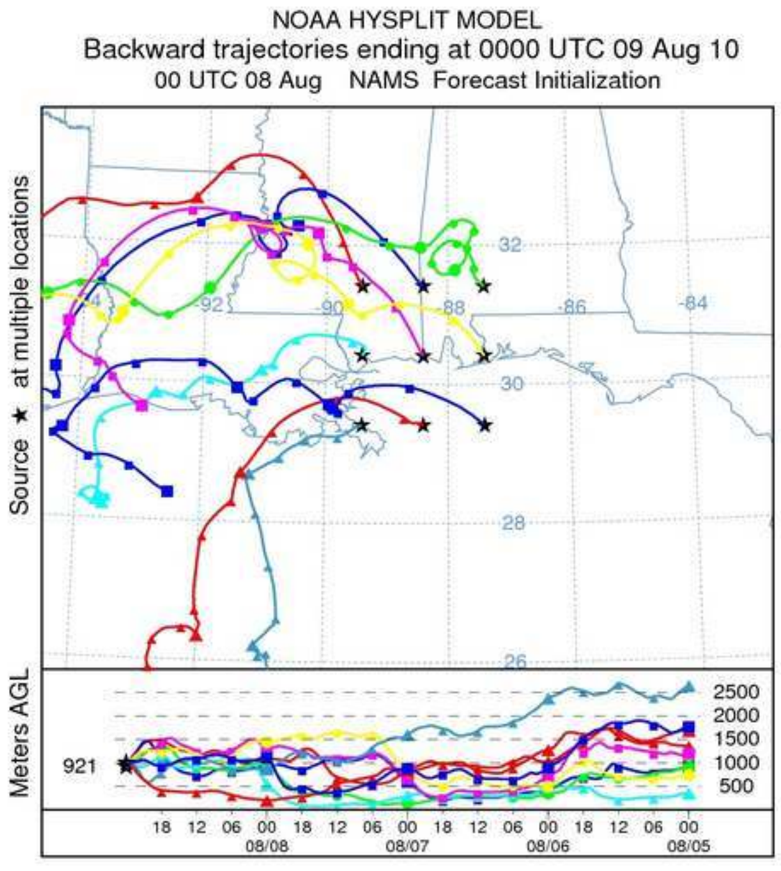

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
08/08
08/07
08/06
08/05

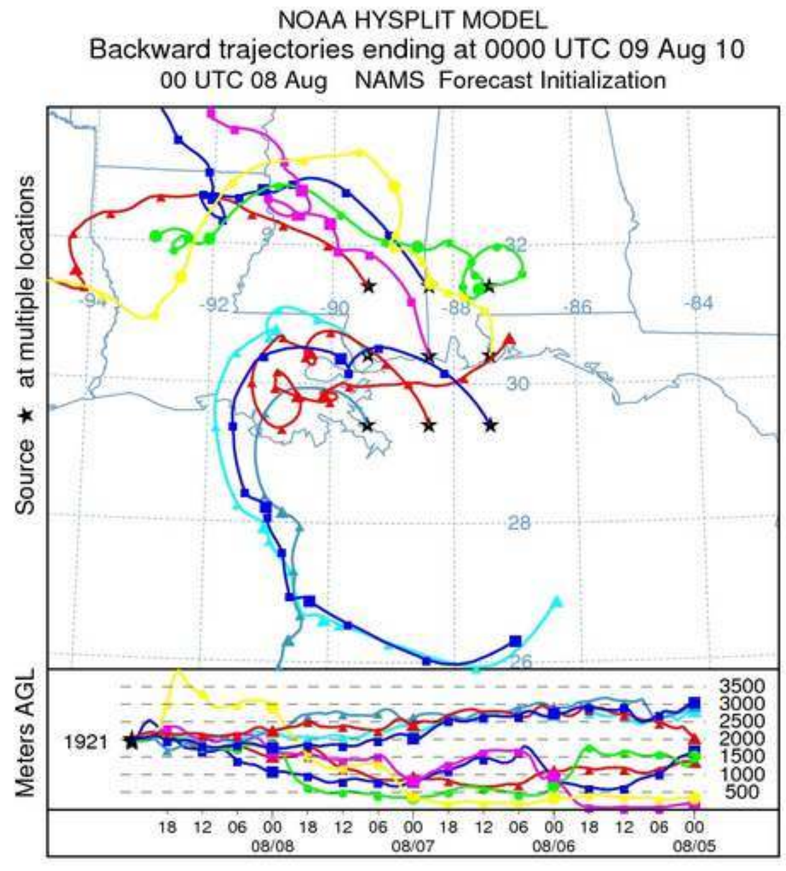

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 08 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
08/08
08/07
08/06
08/05

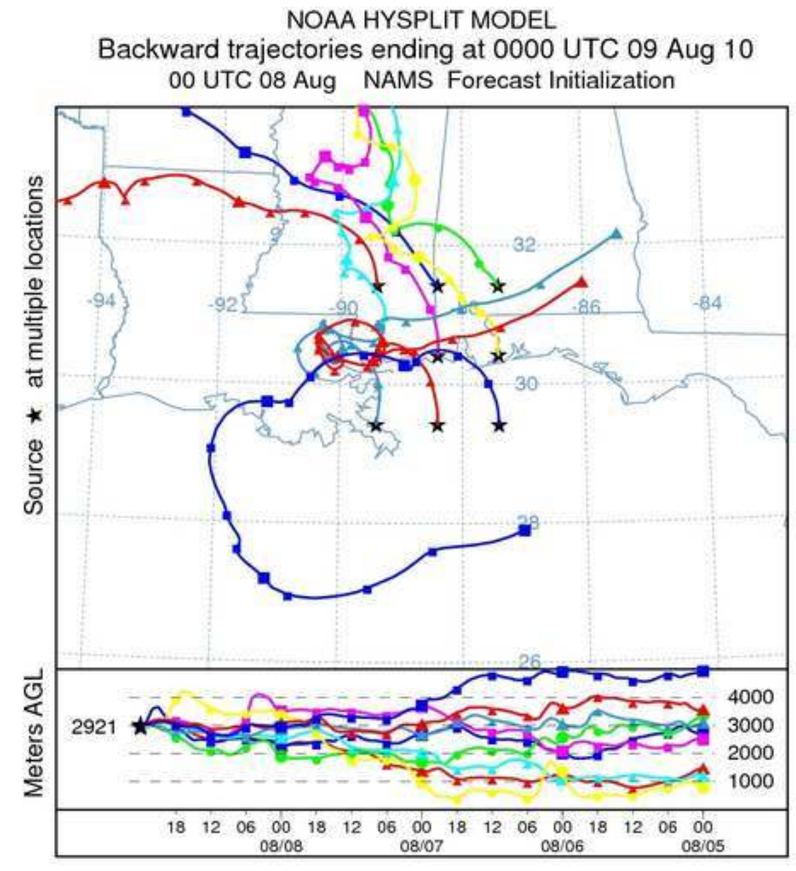

FORECAST for 2010_08_08, local hour = 19
Mixing Heights (m) Estimated with the HYSPLIT Model
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000
Latitude
Longitude

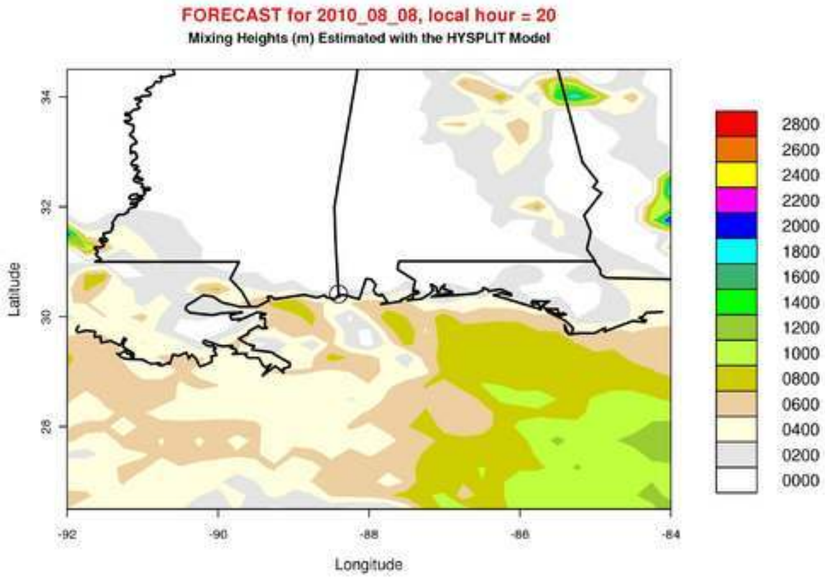

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 09 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171
2000
1500
1000
500
08/08
08/07
08/06
08/05

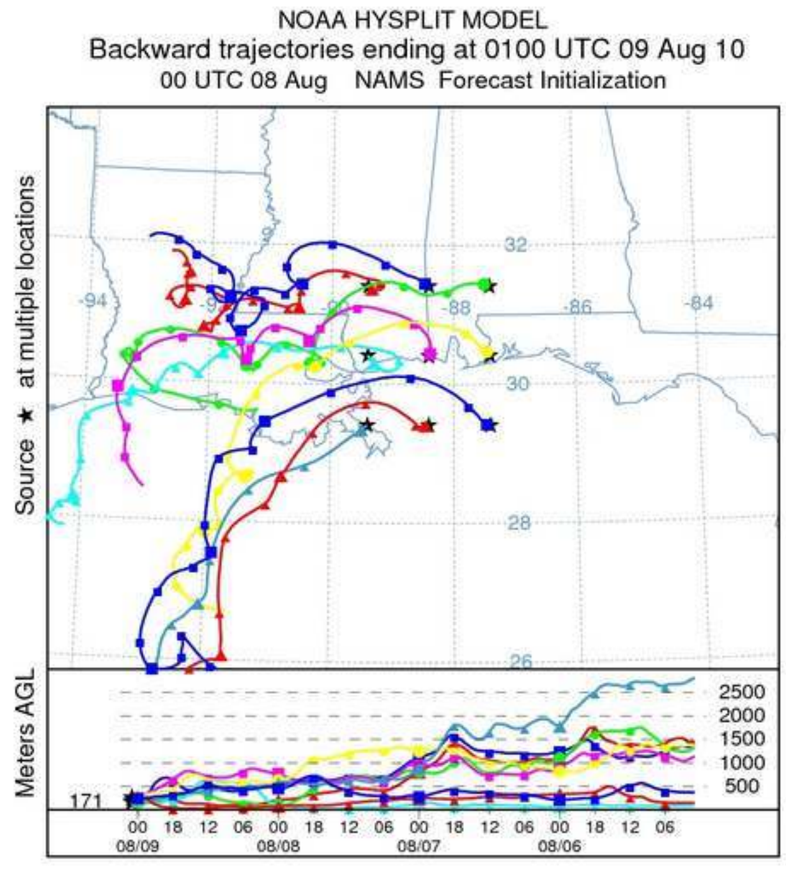

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 09 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
2000
1500
1000
500
08/08
08/07
08/06
08/05

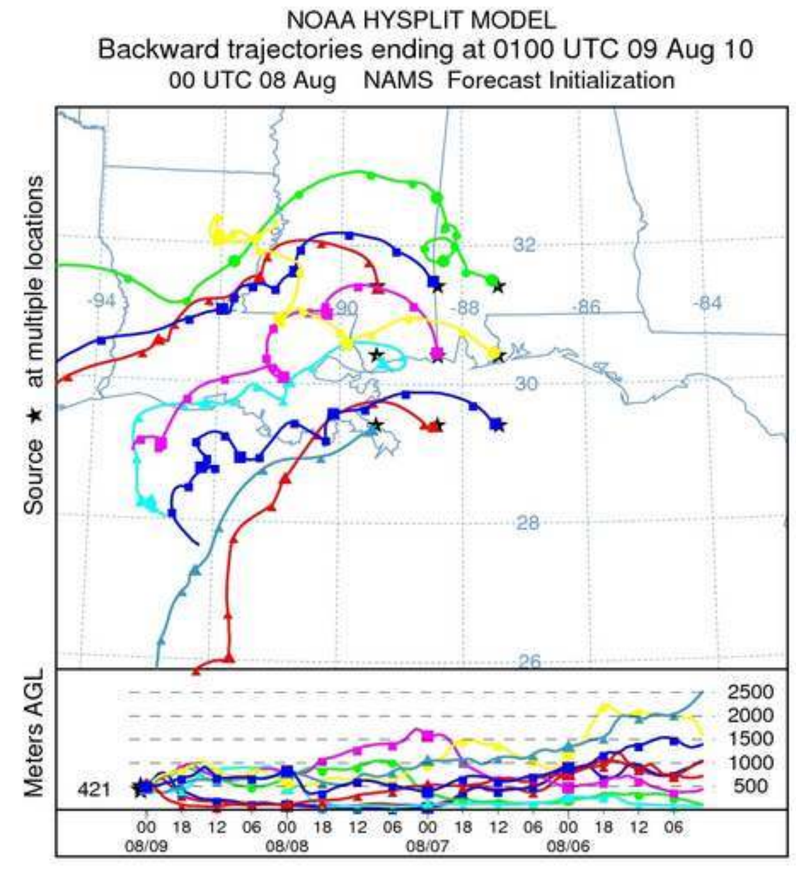

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 09 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

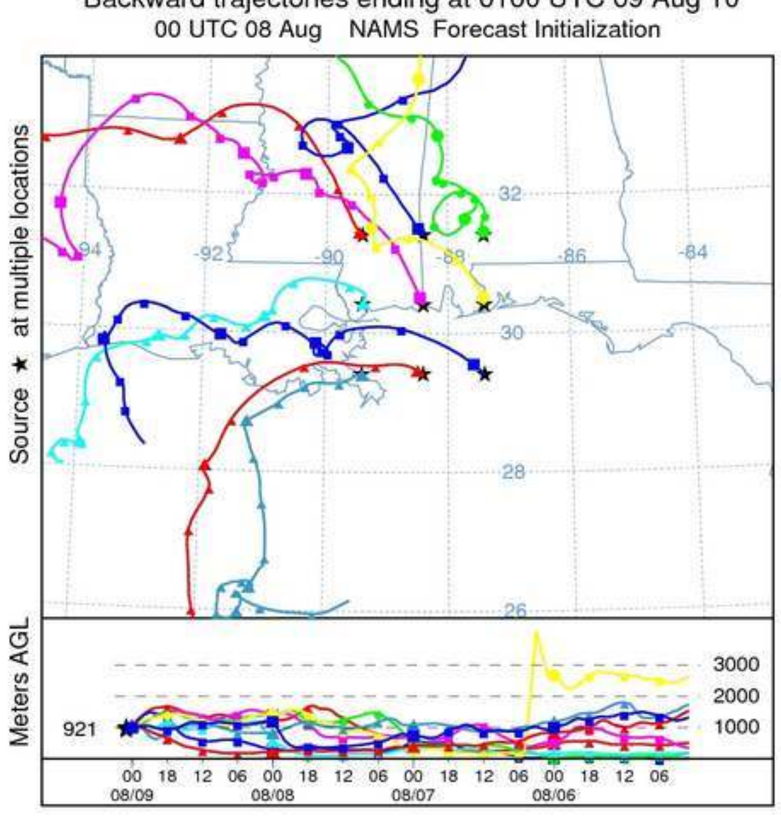

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 09 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3500
3000
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05

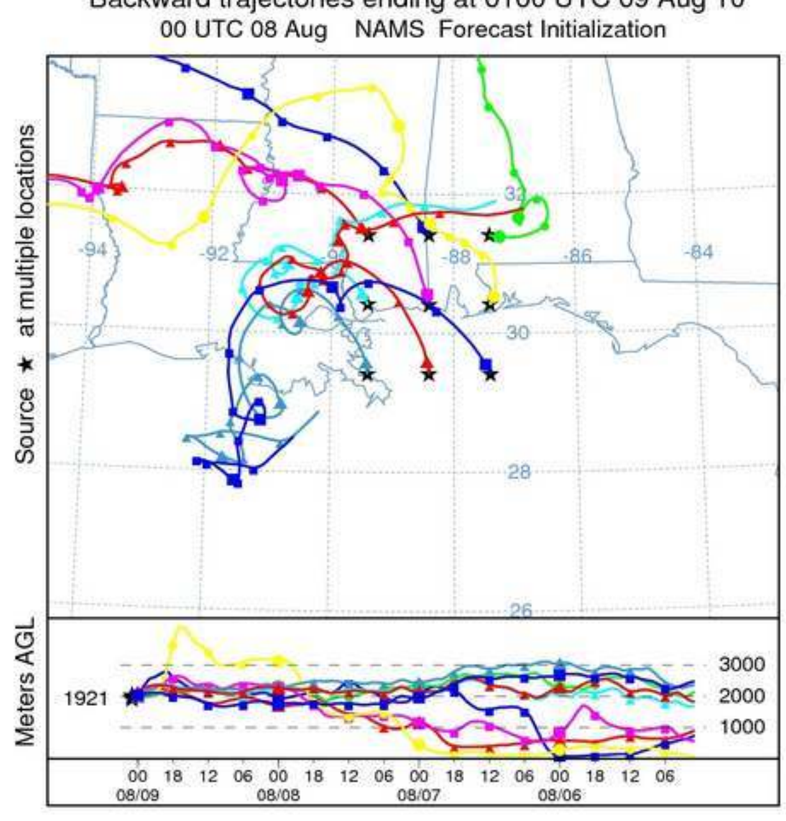

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 09 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/08
08/07
08/06
08/05

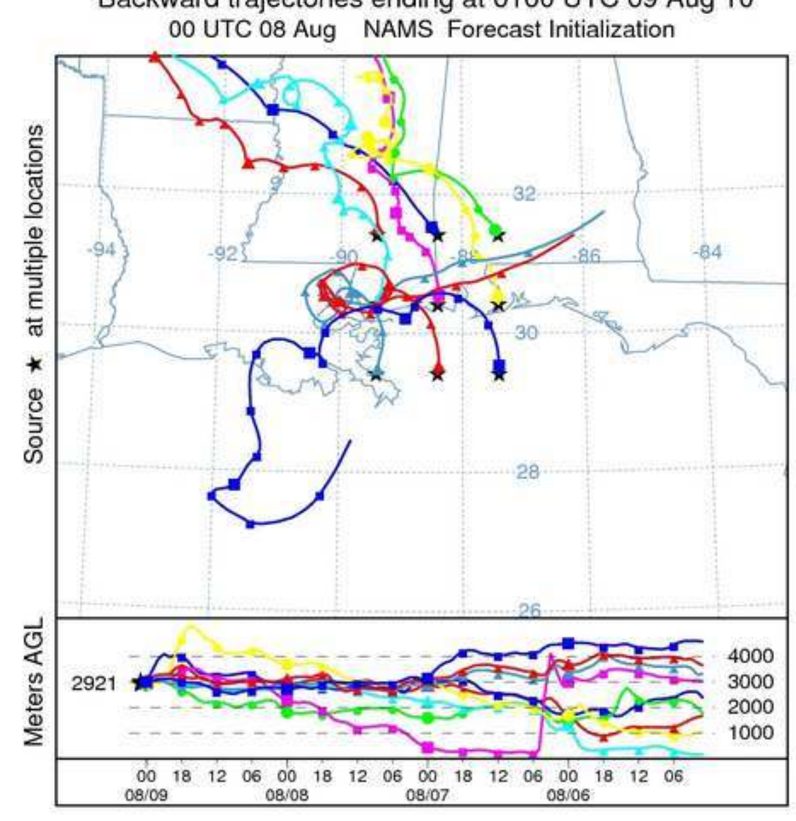

FORECAST for 2010_08_08, local hour = 20
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 09 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171
2500
2000
1500
1000
500
08/09
08/08
08/07
08/06

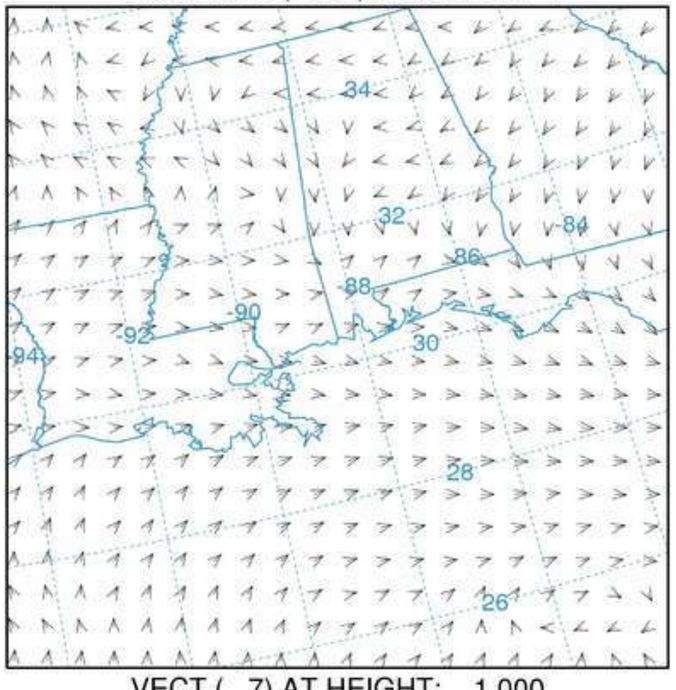

NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 09 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
2500
2000
1500
1000
500
08/09
08/08
08/07
08/06


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 09 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
3000
2000
1000
08/09
08/08
08/07
08/06


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 09 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3000
2000
1000
08/09
08/08
08/07
08/06


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 09 Aug 10
00 UTC 08 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/09
08/08
08/07
08/06

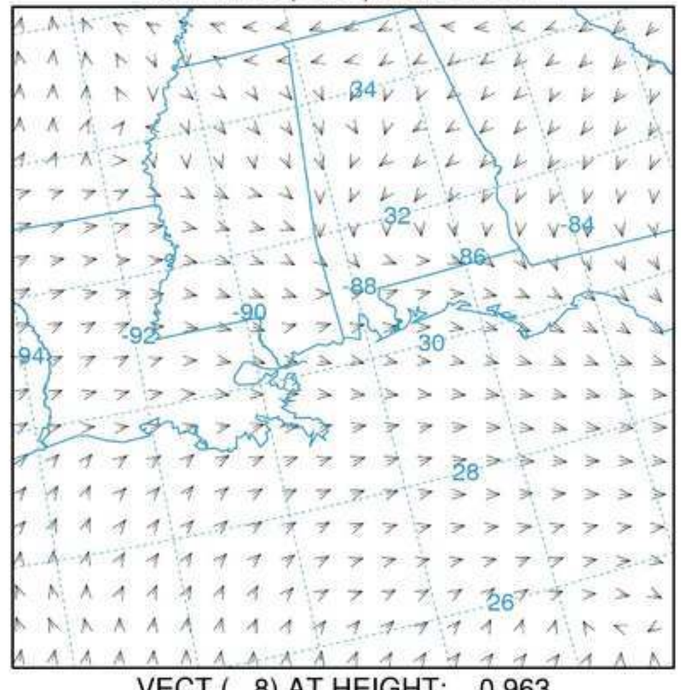
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/14



VECT (7) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

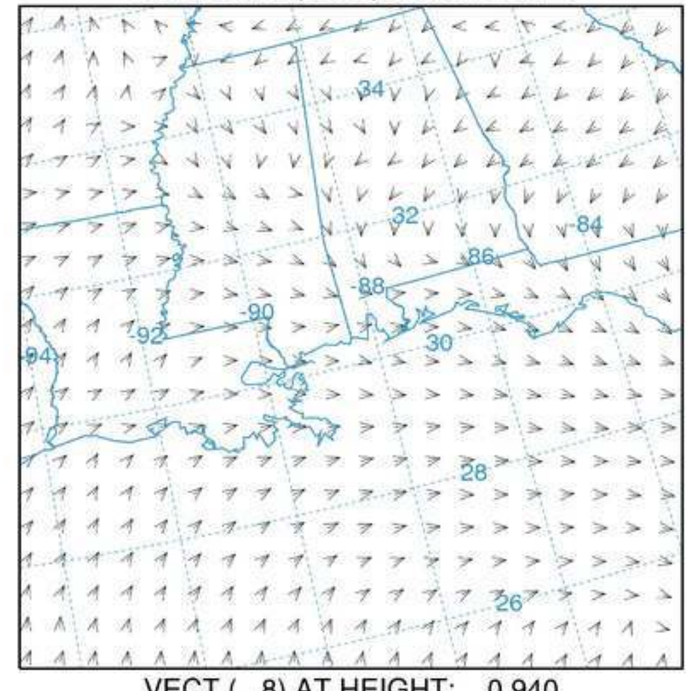
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/14



VECT (8) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

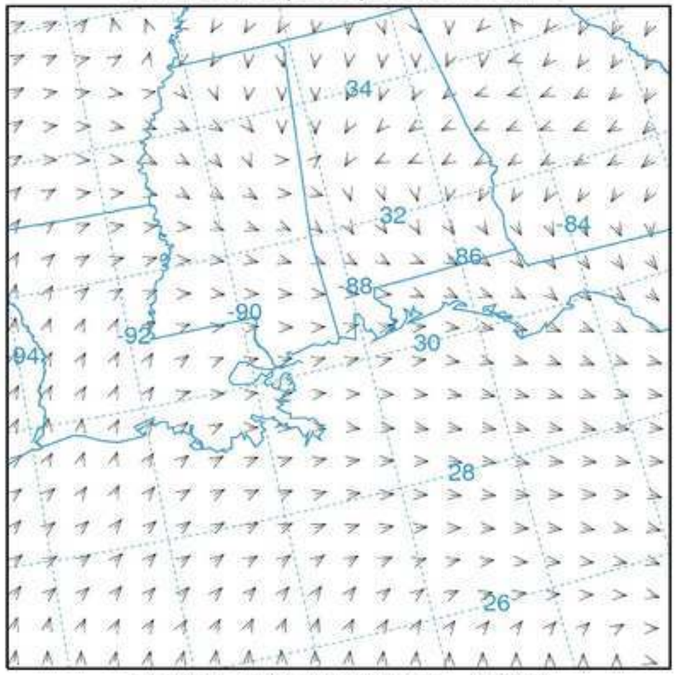
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/14



VECT (8) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

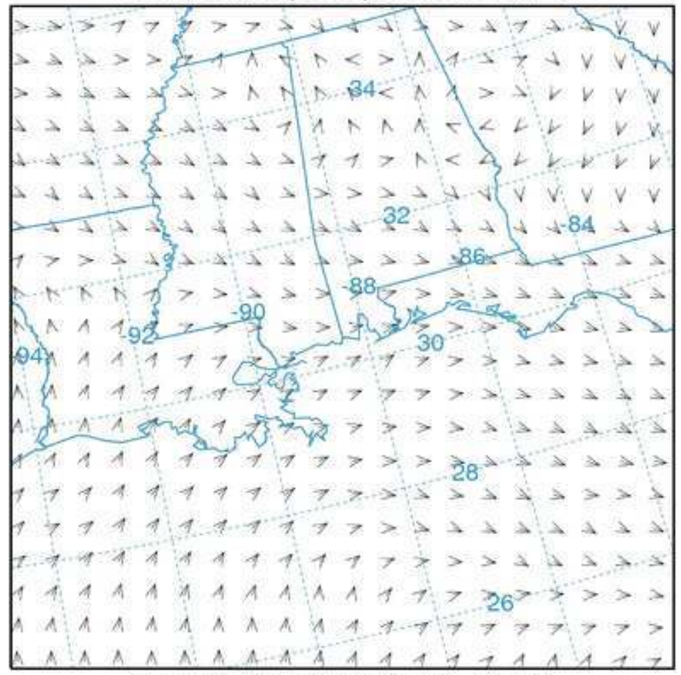
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/14



VECT (9) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

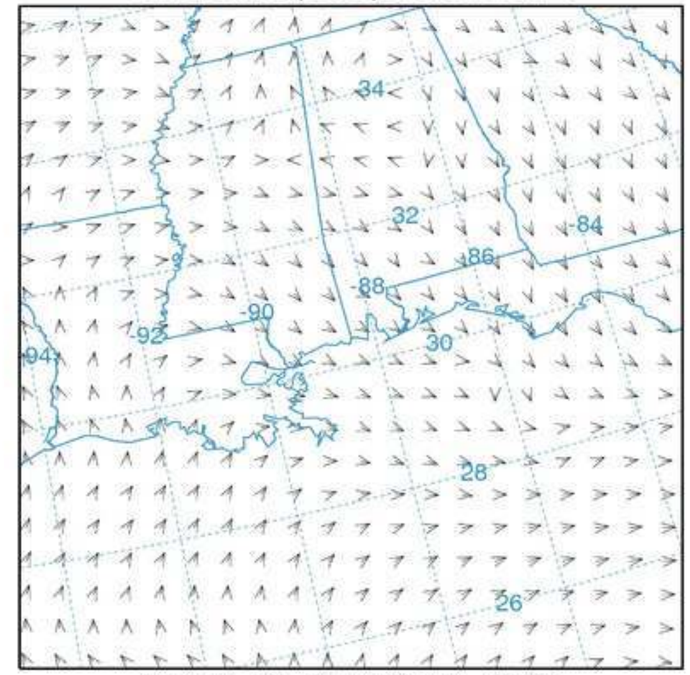
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/14



VECT (10) AT HEIGHT: 0.826

Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

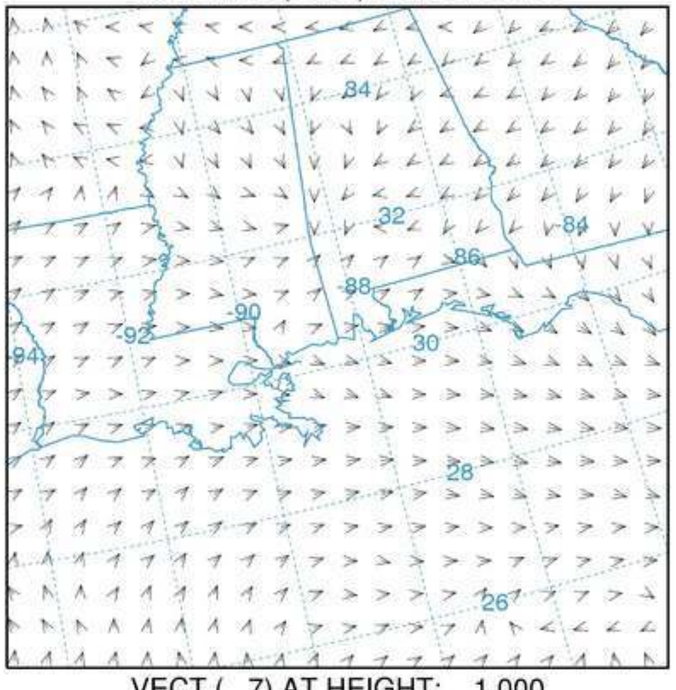
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/14



VECT (10) AT HEIGHT: 0.718

Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

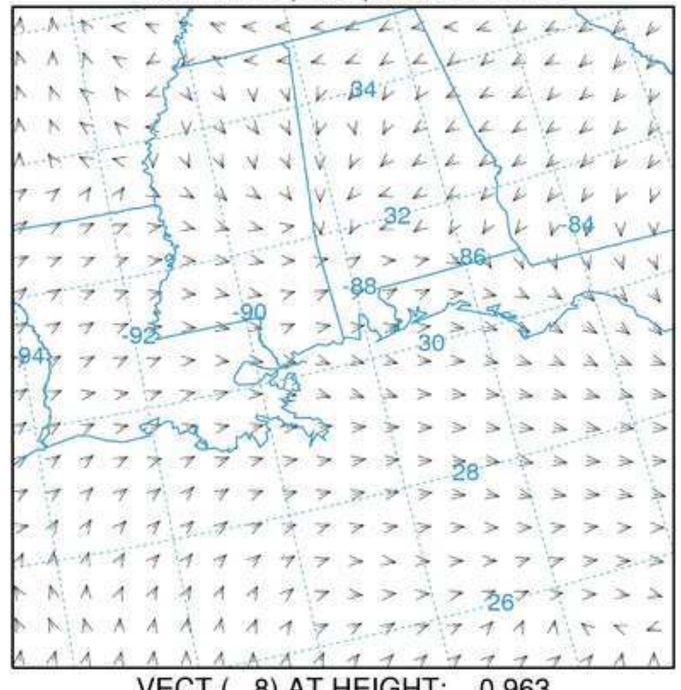
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/15



VECT (7) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

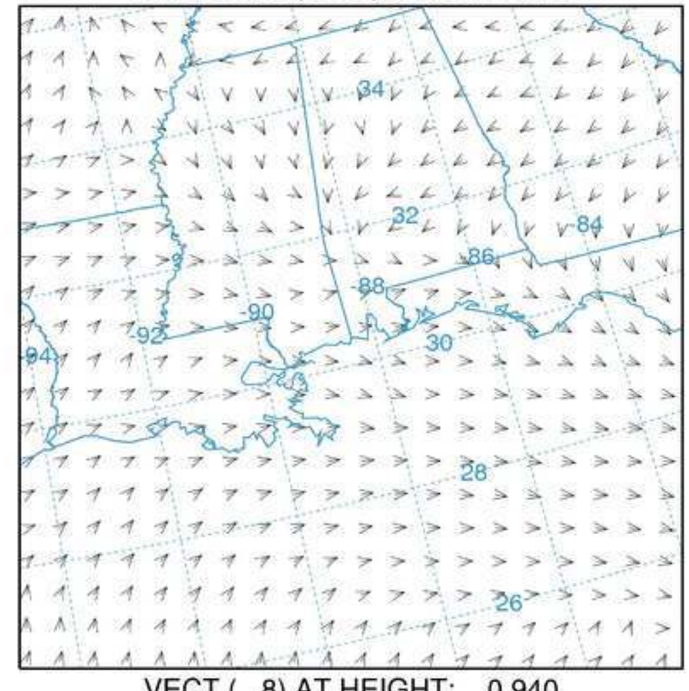
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/15



VECT (8) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

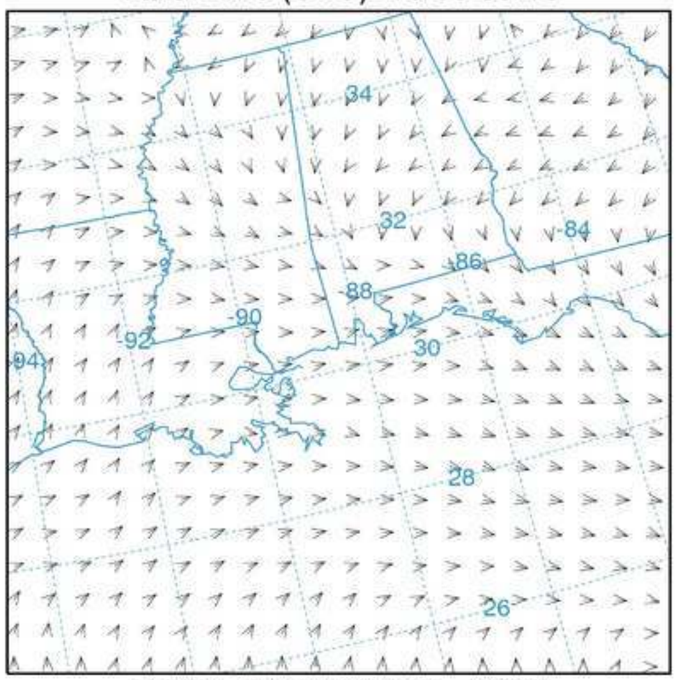
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/15



VECT (8) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

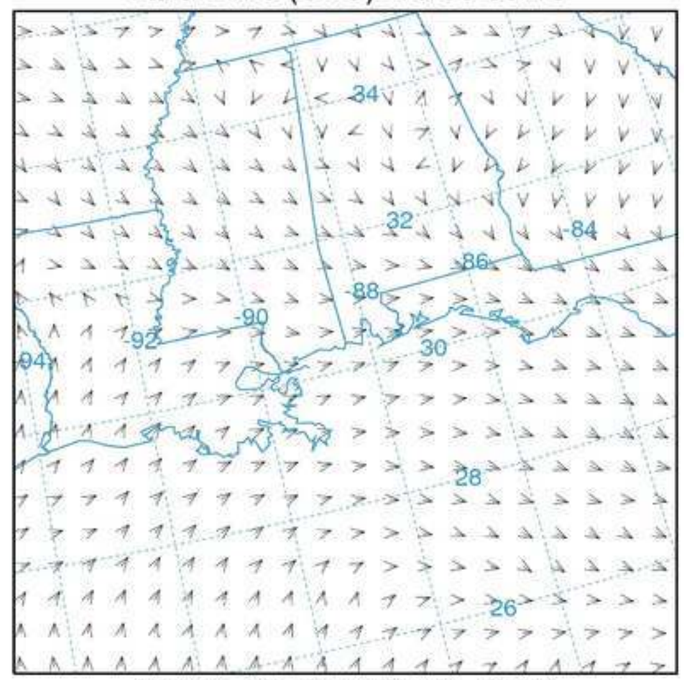
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/15



VECT (9) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

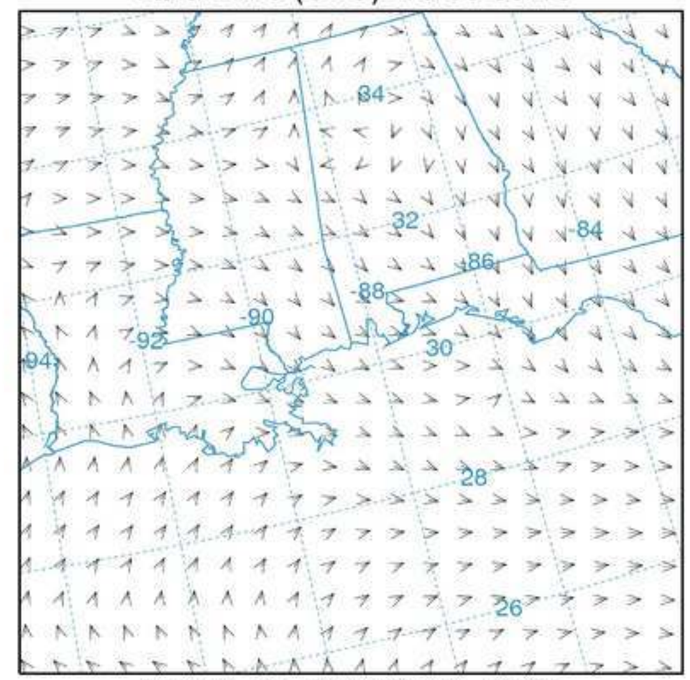
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/15



VECT (10) AT HEIGHT: 0.826

Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

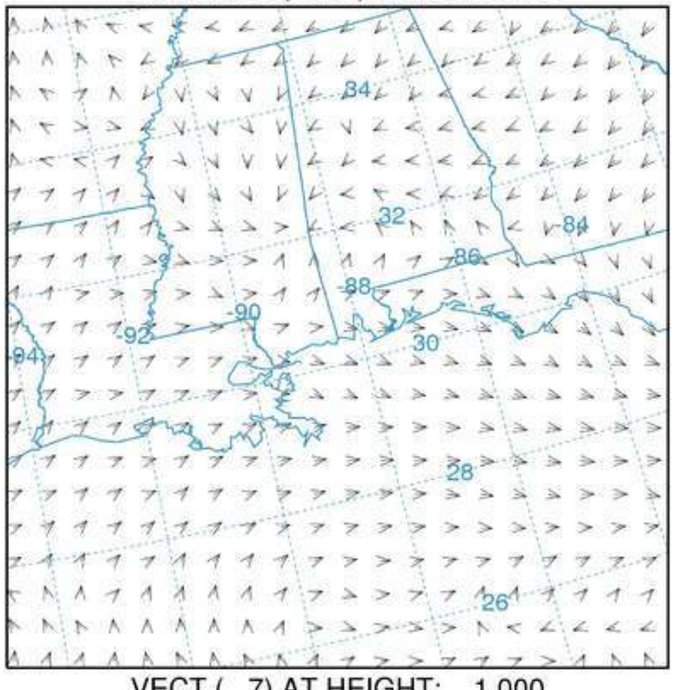
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/15



VECT (11) AT HEIGHT: 0.718

Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

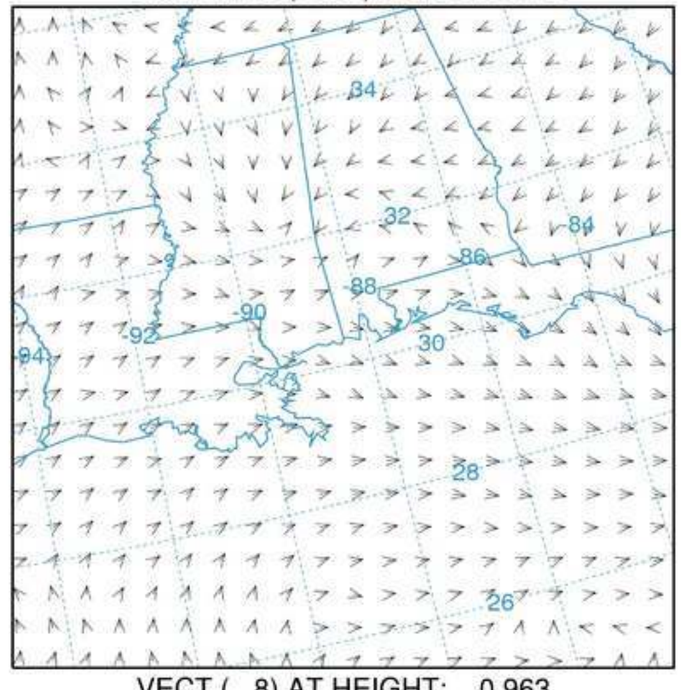
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/16



VECT (7) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

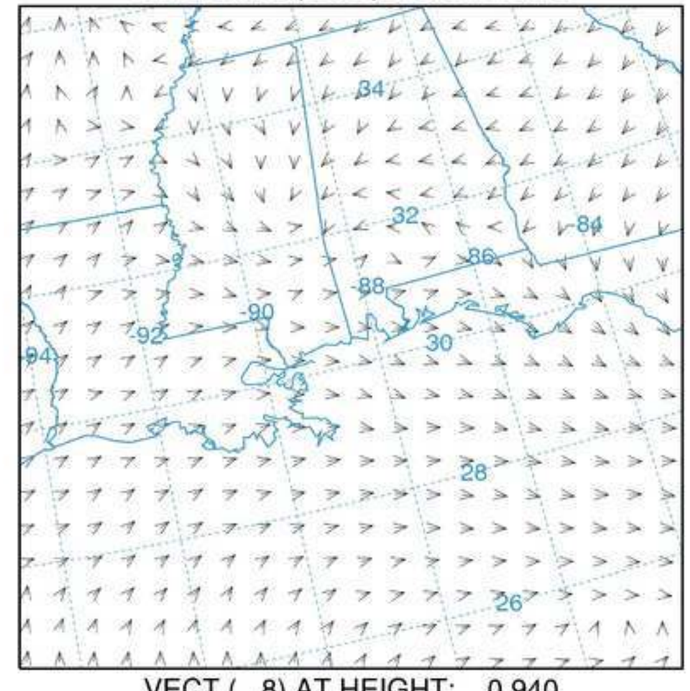
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/16



VECT (8) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

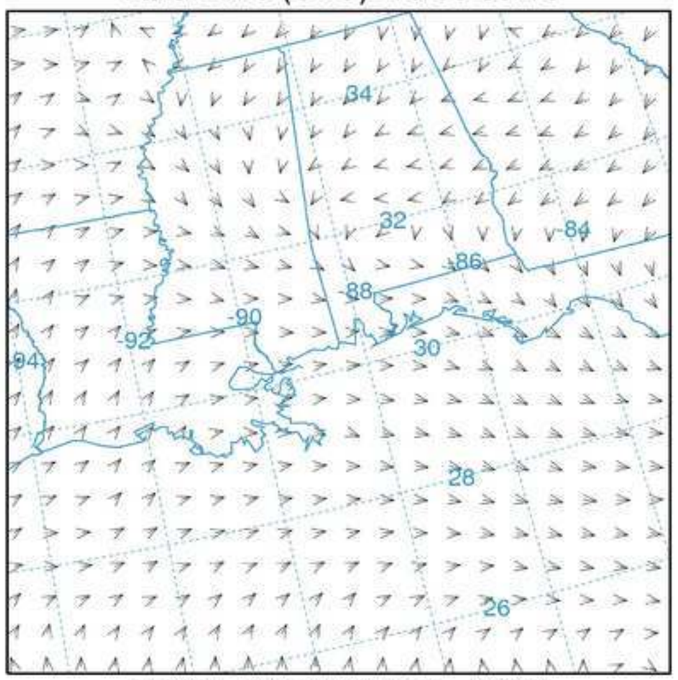
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/16



VECT (8) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

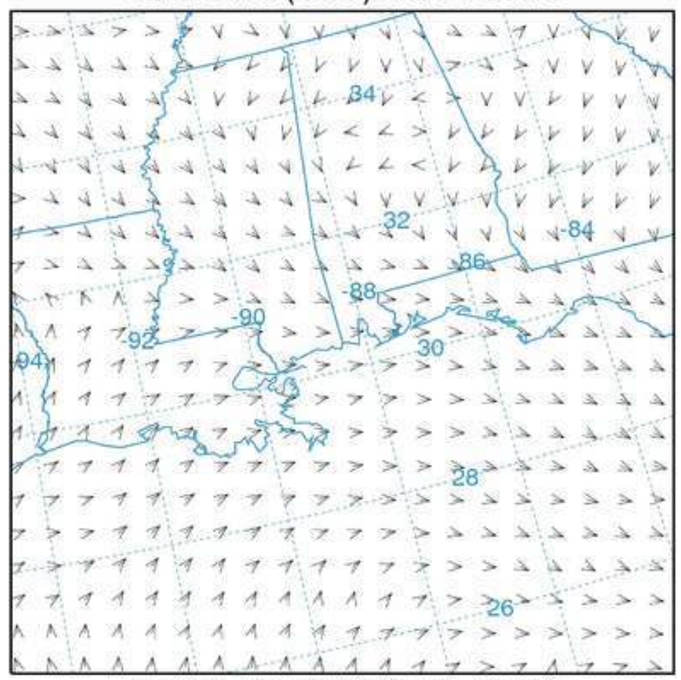
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/16



VECT (9) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

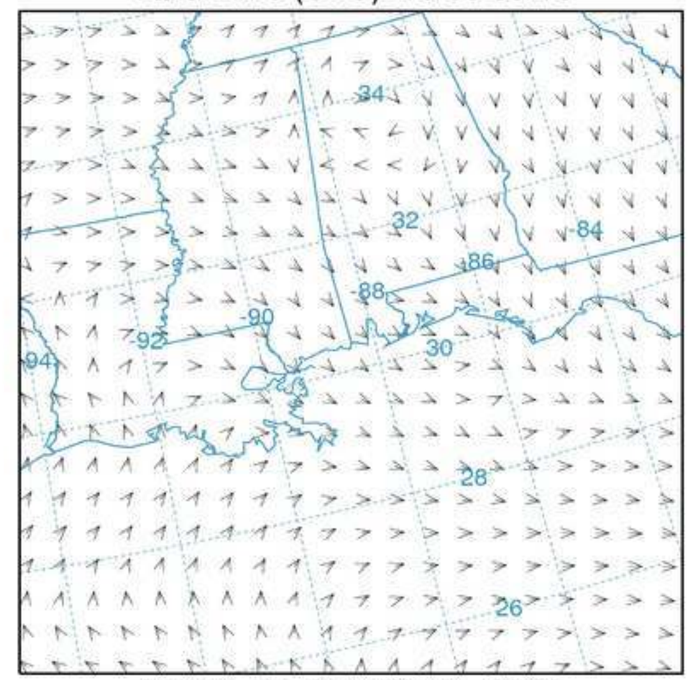
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/16



VECT (10) AT HEIGHT: 0.826

Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

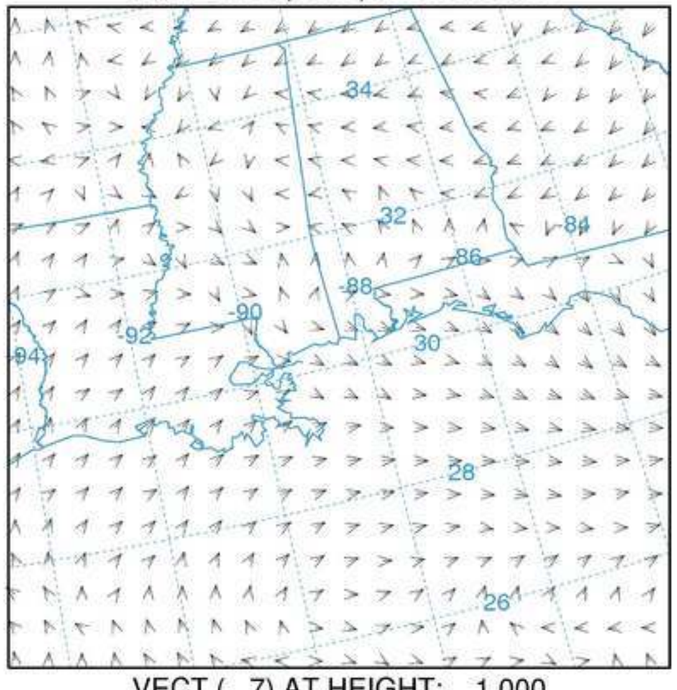
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/16



VECT (11) AT HEIGHT: 0.718

Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

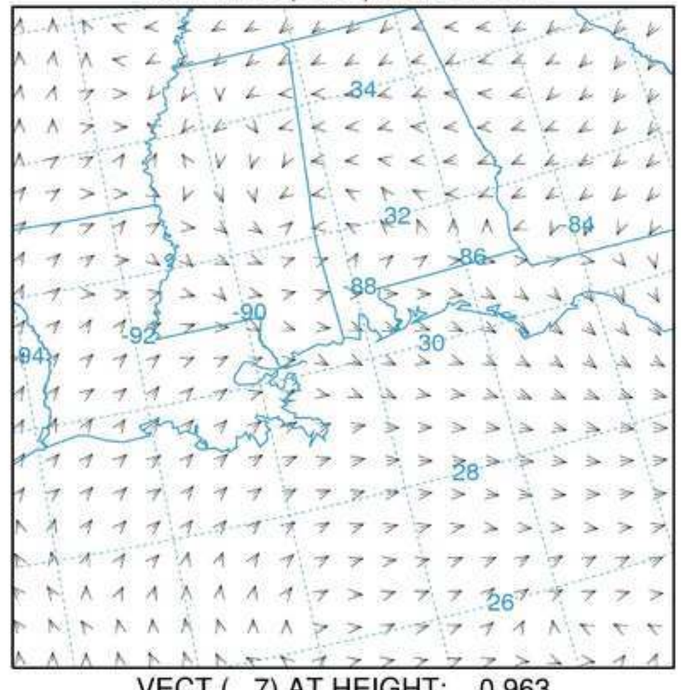
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/17



VECT (7) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

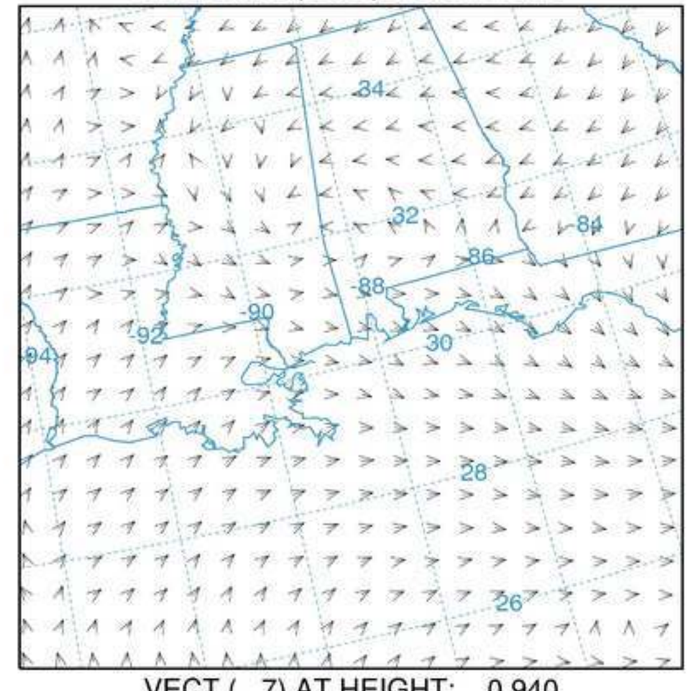
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/17



VECT (7) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

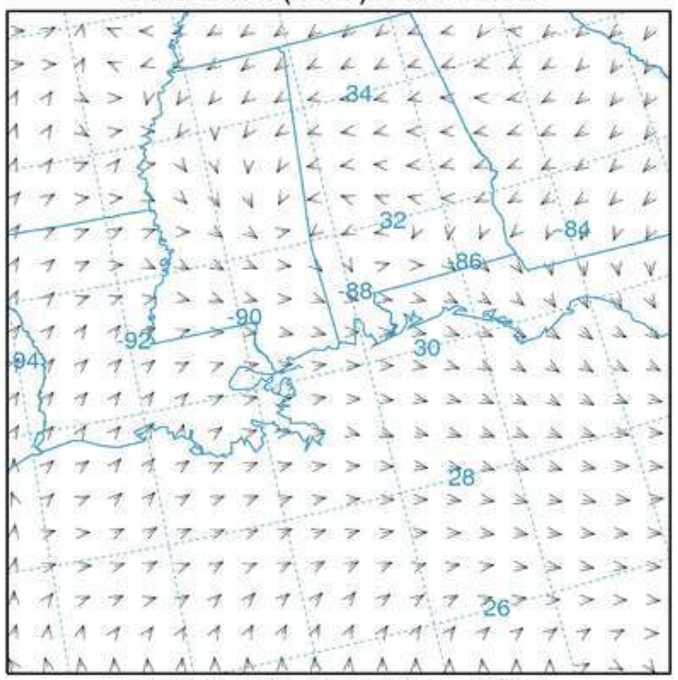
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/17



VECT (7) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

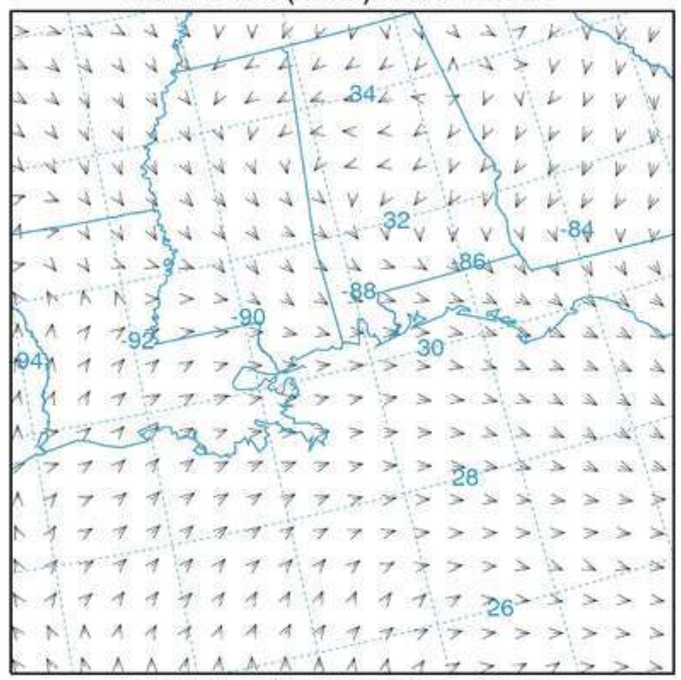
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/17



VECT (9) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

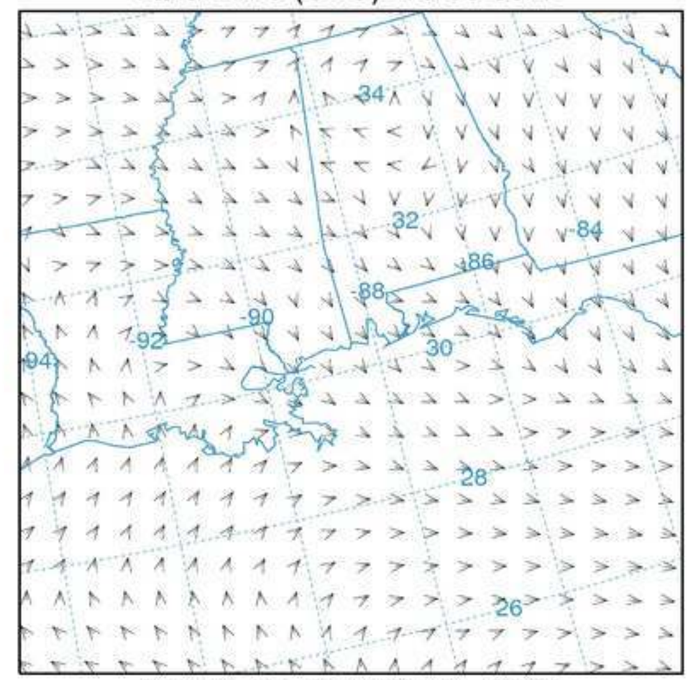
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/17



VECT (9) AT HEIGHT: 0.826

Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

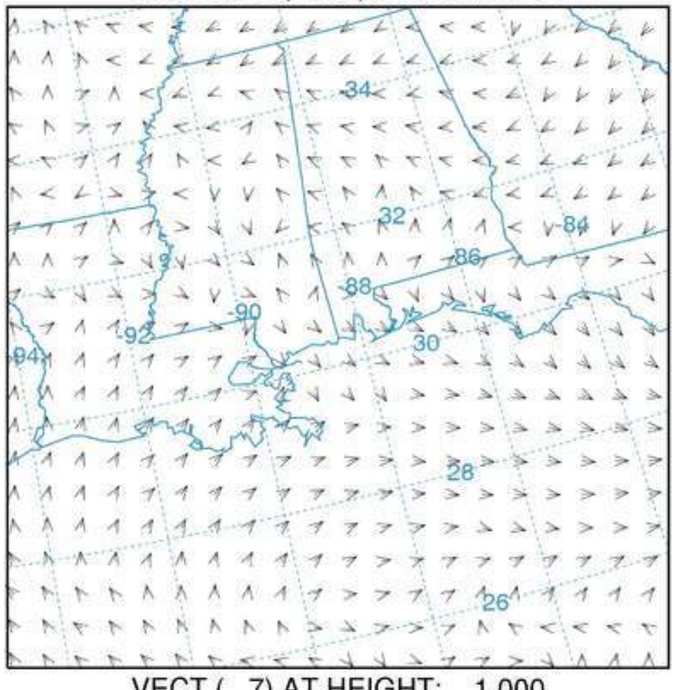
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/17



VECT (11) AT HEIGHT: 0.718

Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

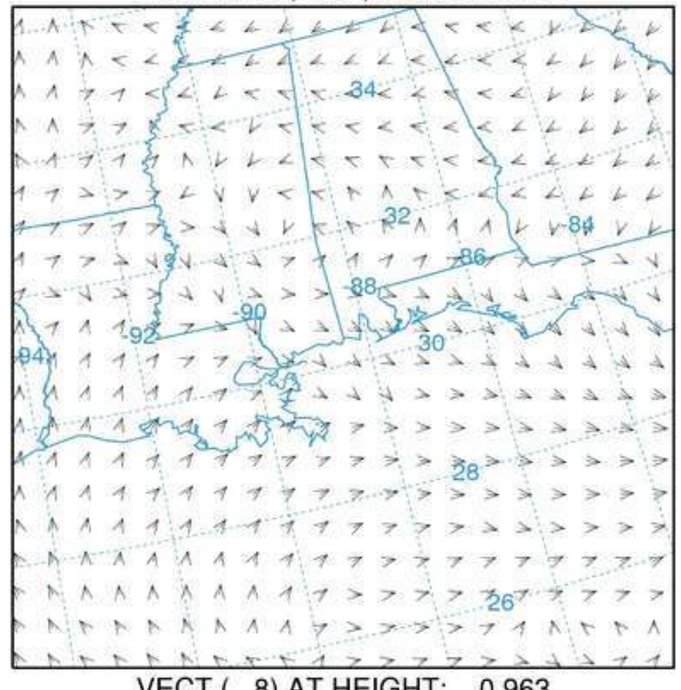
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/18



VECT (7) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

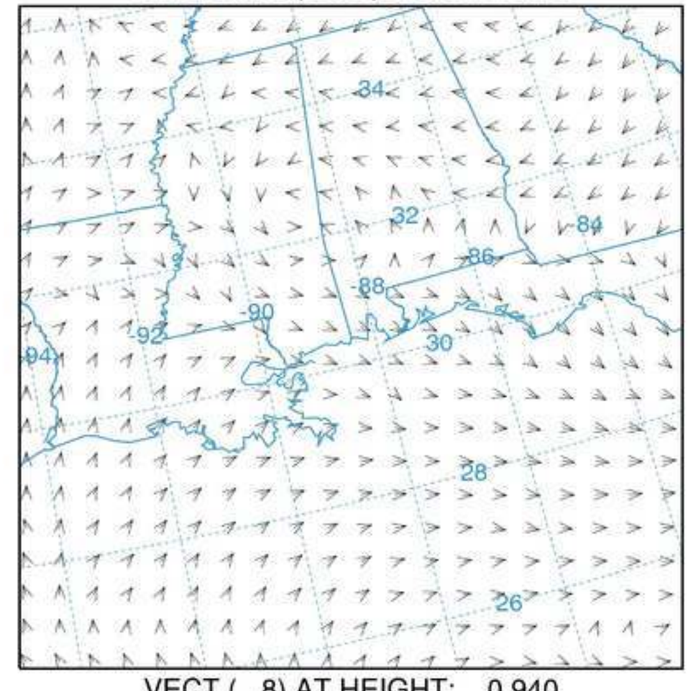
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/18



VECT (8) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

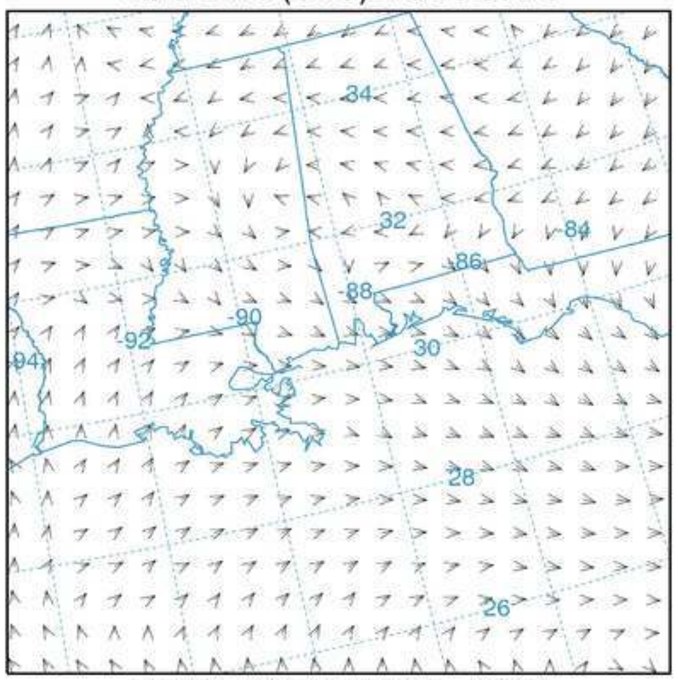
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/18



VECT (8) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

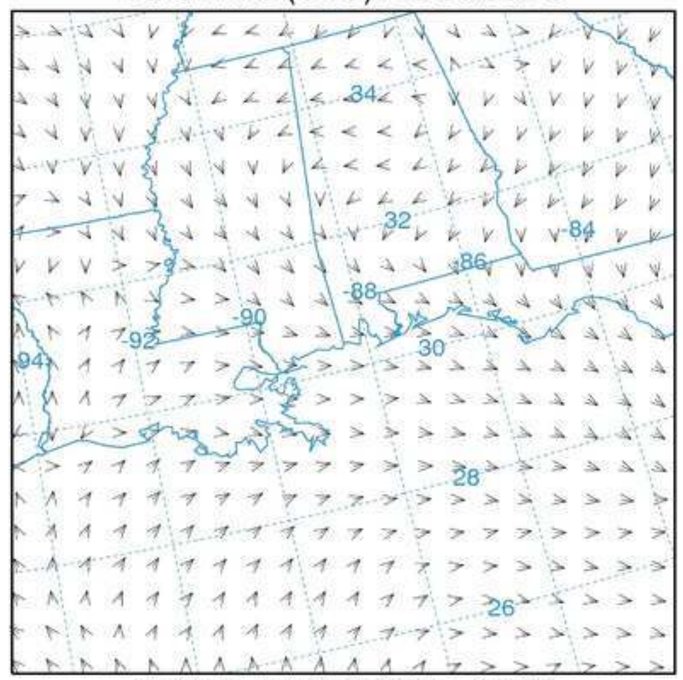
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/18



VECT (9) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

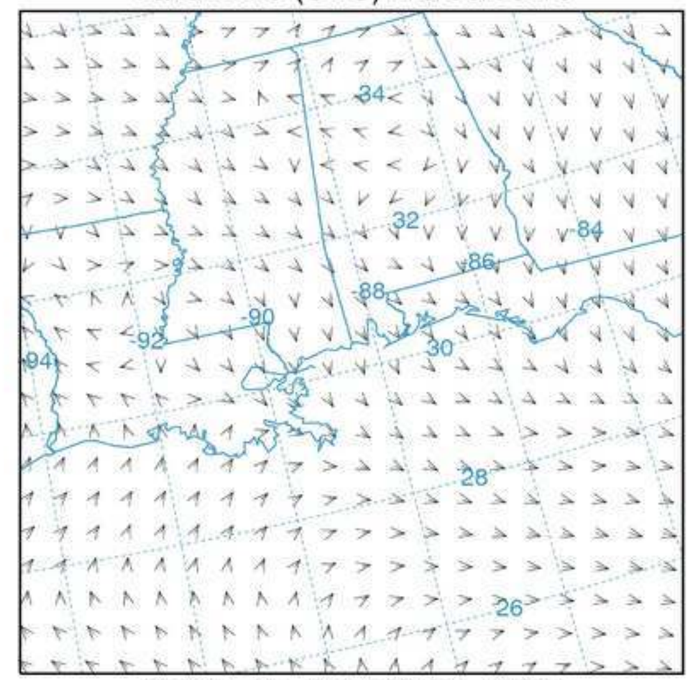
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/18



VECT (9) AT HEIGHT: 0.826

Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

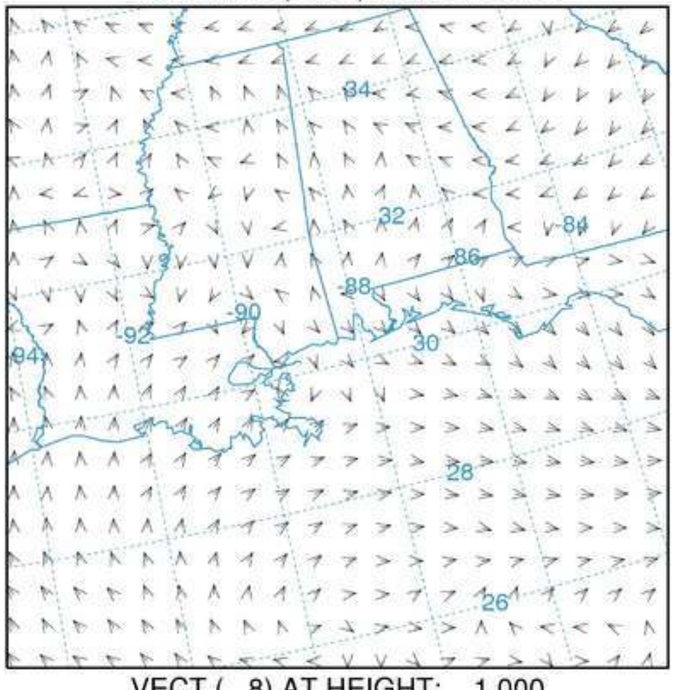
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/18



VECT (11) AT HEIGHT: 0.718

Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

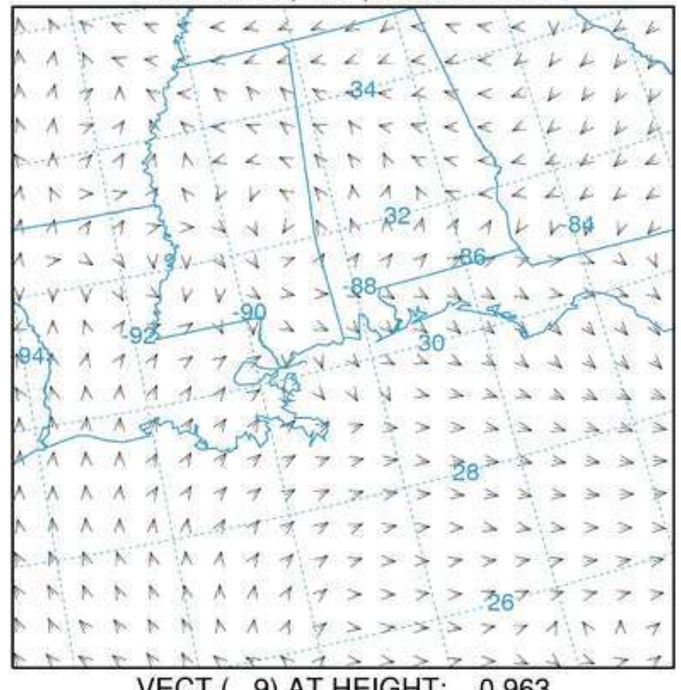
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/19



VECT (8) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

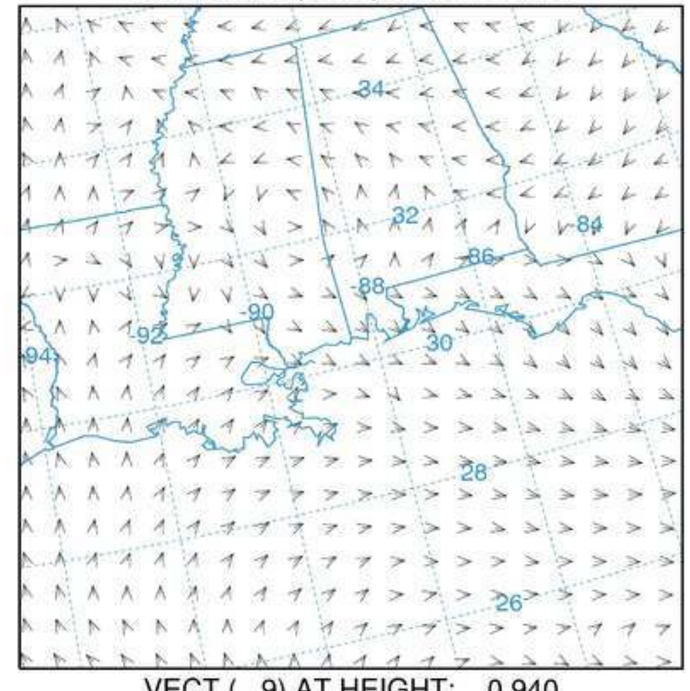
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/19



VECT (9) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

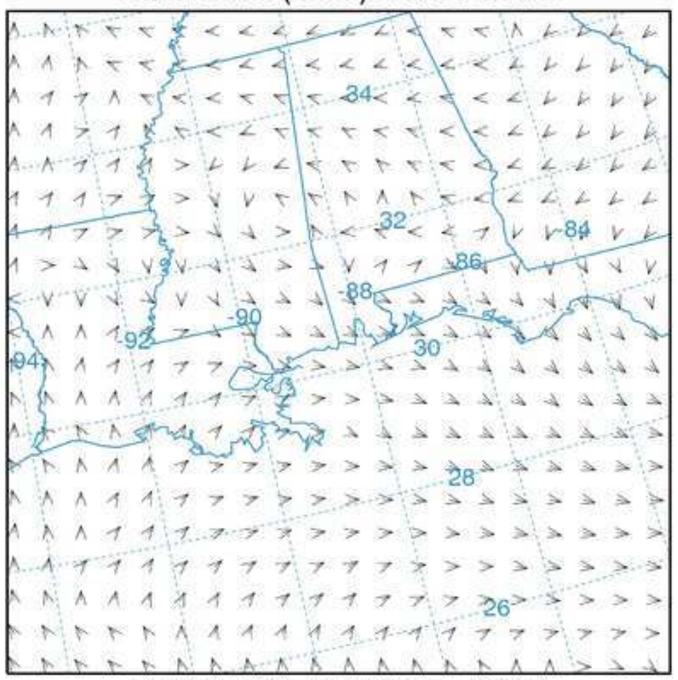
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/19



VECT (9) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

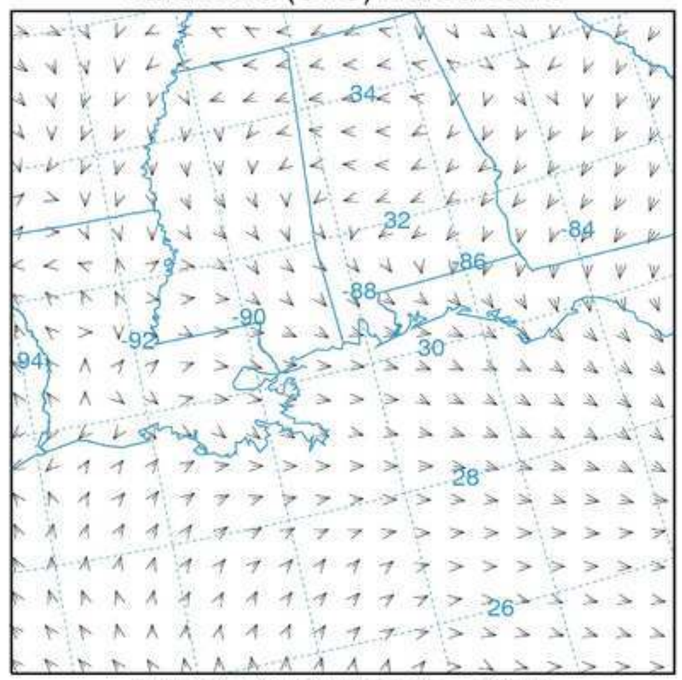
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/19



VECT (9) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

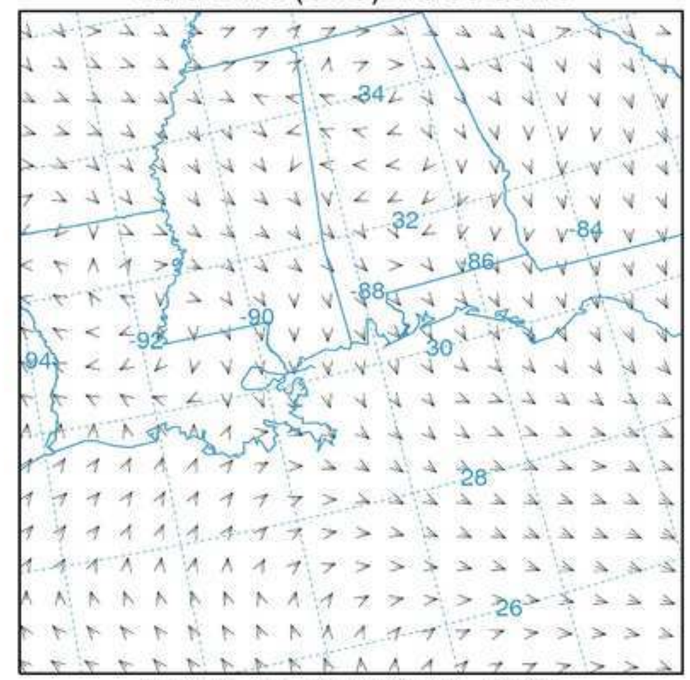
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/19



VECT (9) AT HEIGHT: 0.826

Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

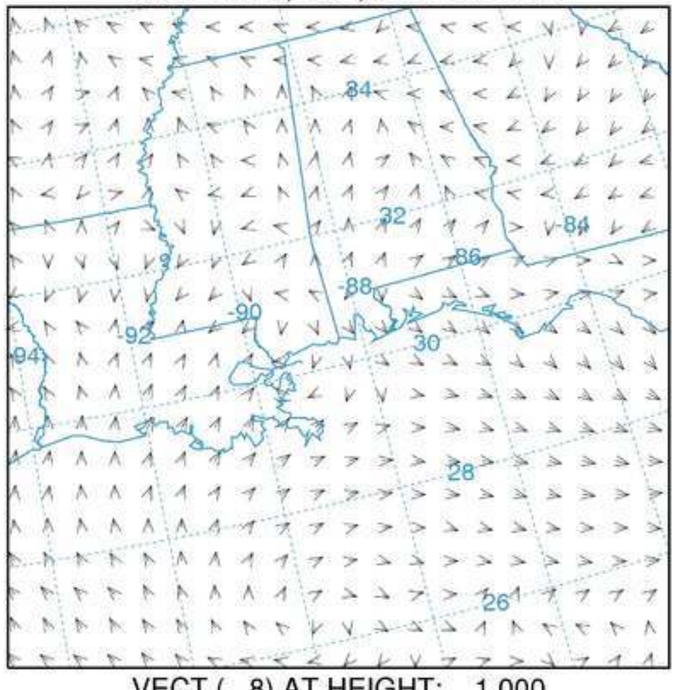
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/19



VECT (11) AT HEIGHT: 0.718

Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

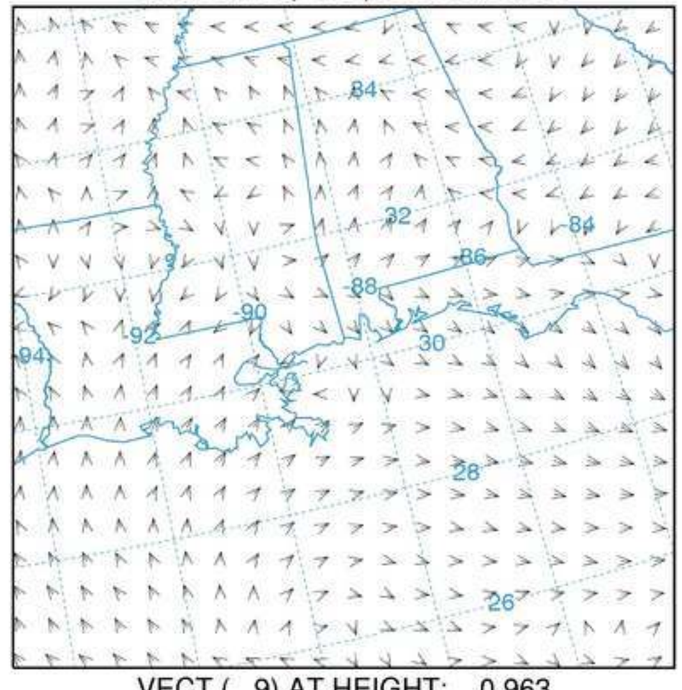
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/20



VECT (8) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

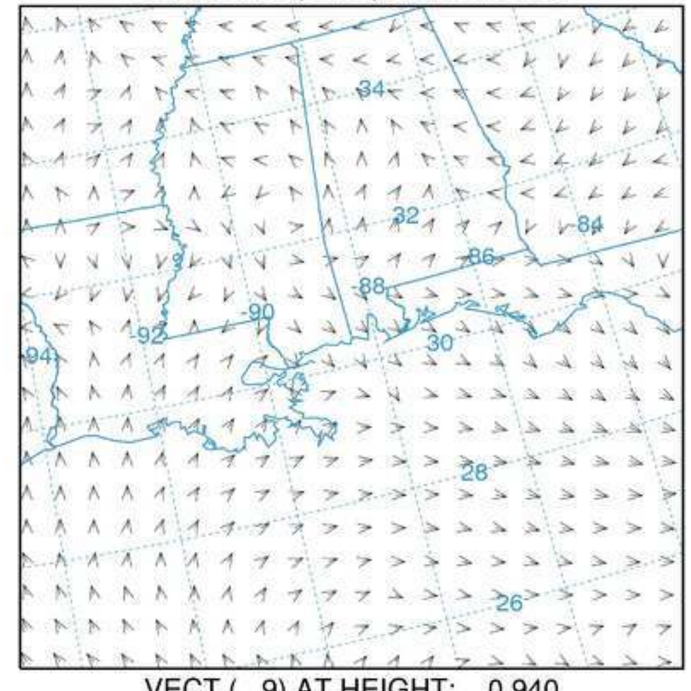
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/20



VECT (9) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

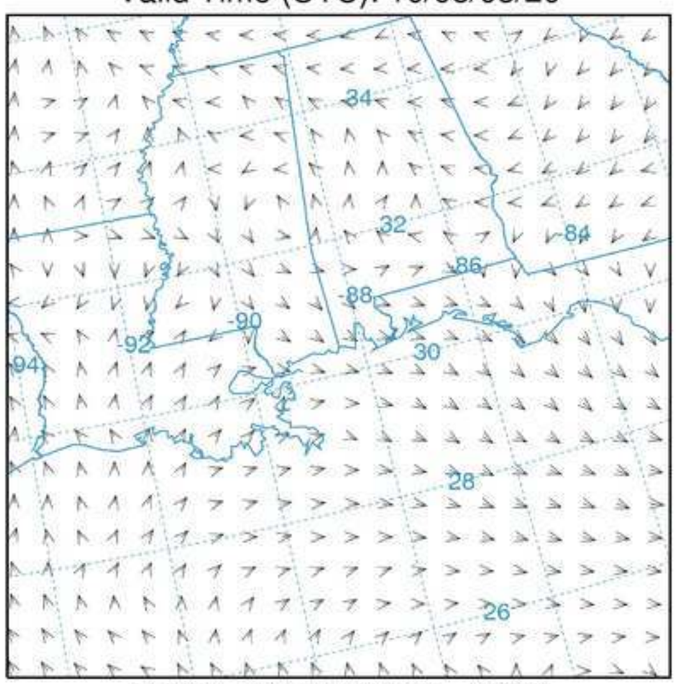
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/20



VECT (9) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

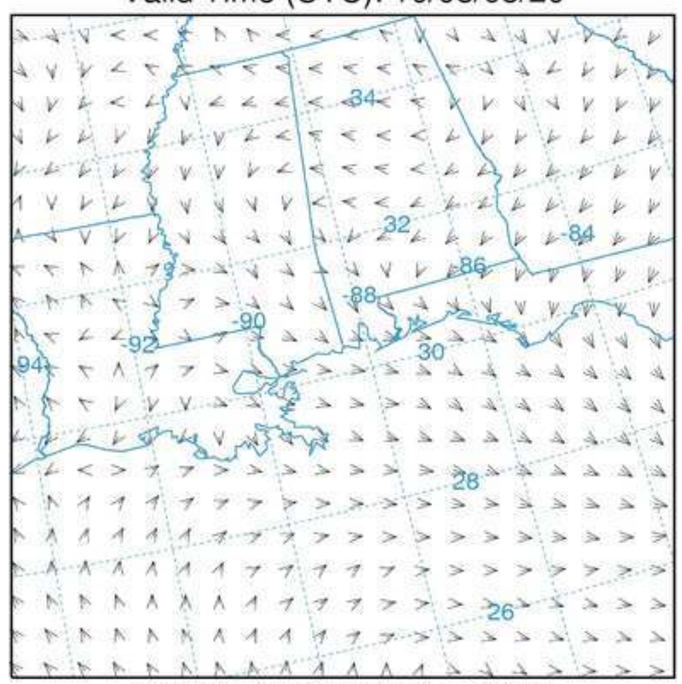
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/20



VECT (9) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

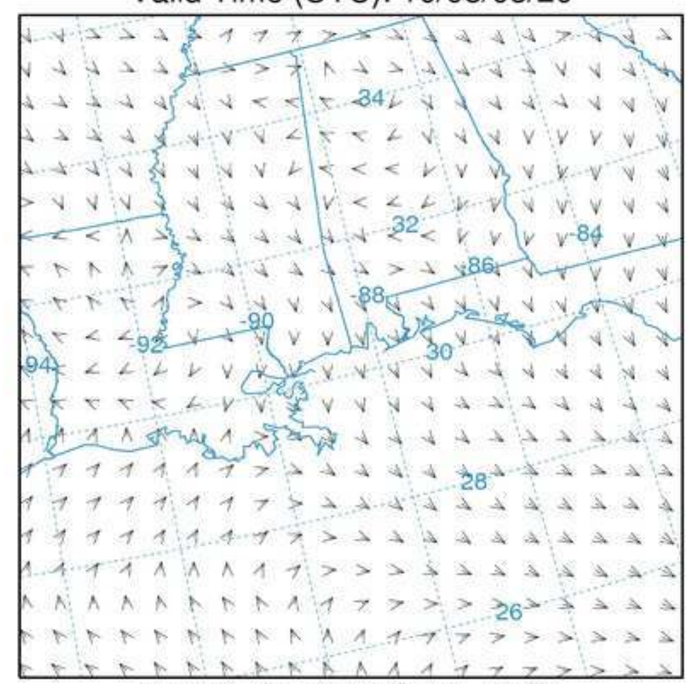
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/20



VECT (8) AT HEIGHT: 0.826

Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

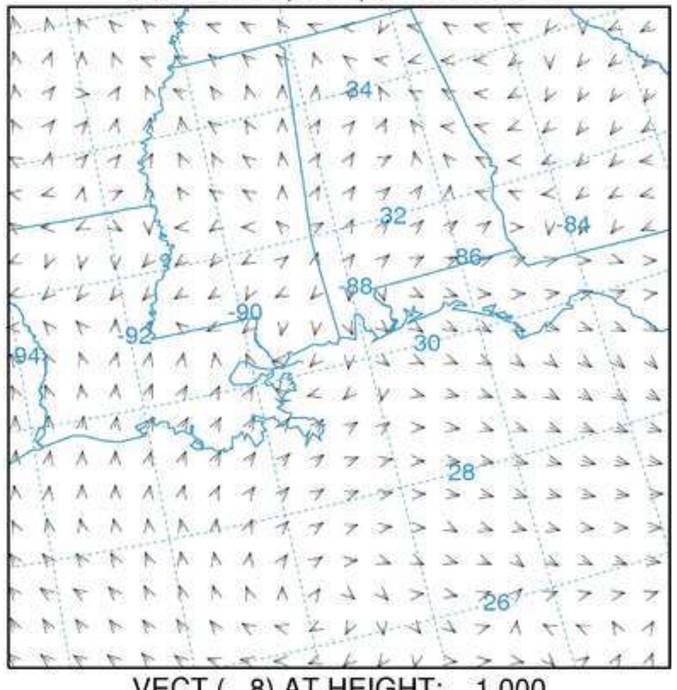
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/20



VECT (10) AT HEIGHT: 0.718

Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

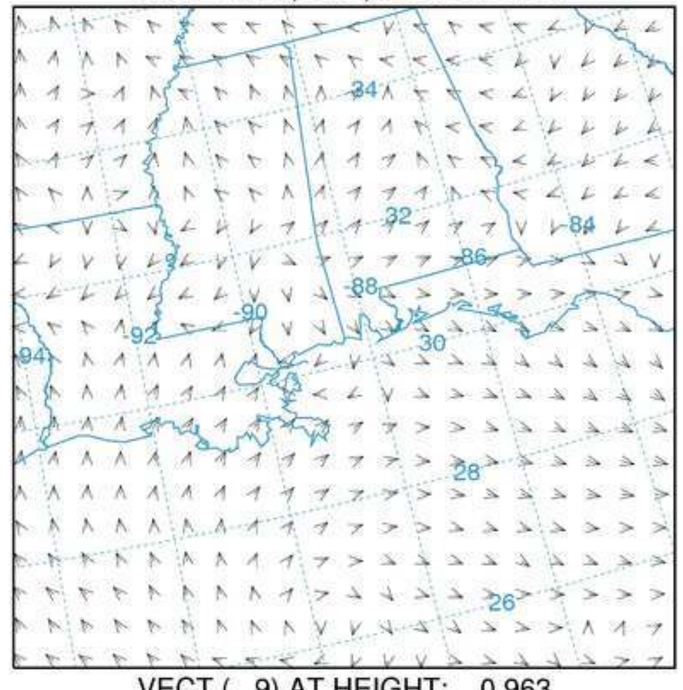
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/21



VECT (8) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

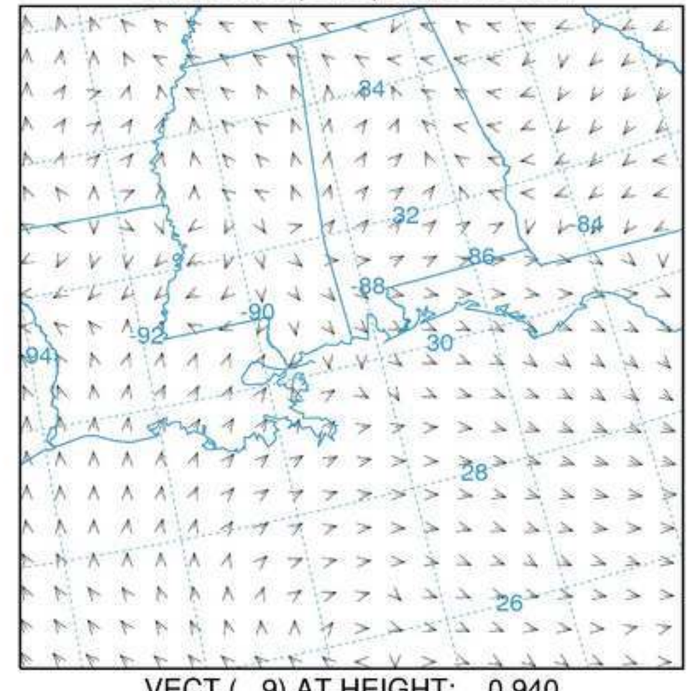
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/21



VECT (9) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

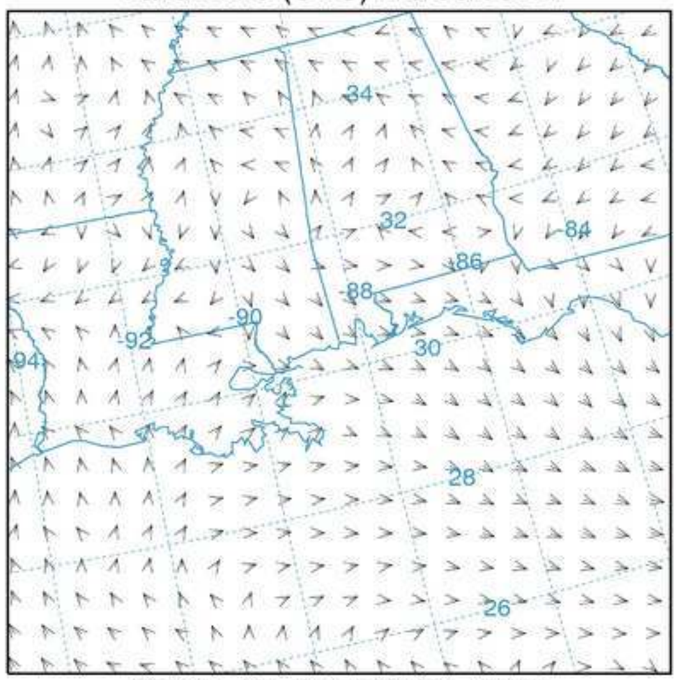
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/21



VECT (9) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

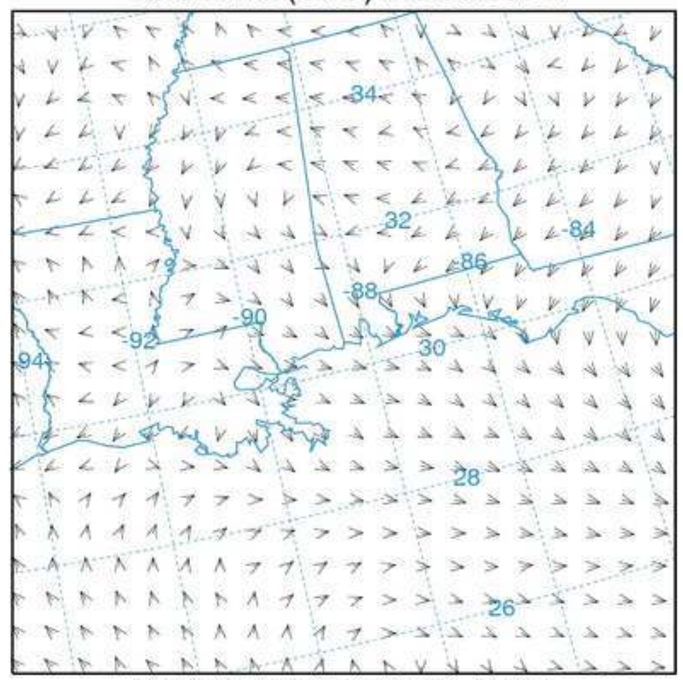
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/21



VECT (10) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

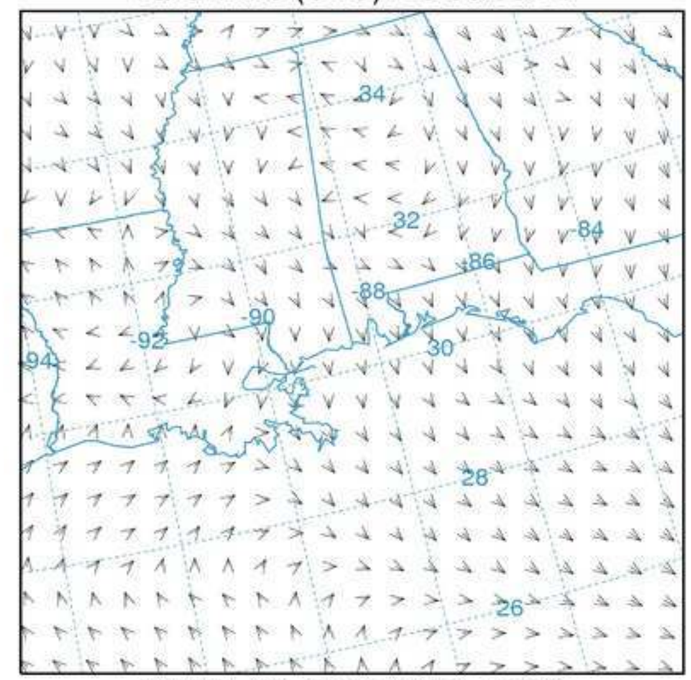
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/21



VECT (9) AT HEIGHT: 0.826

Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

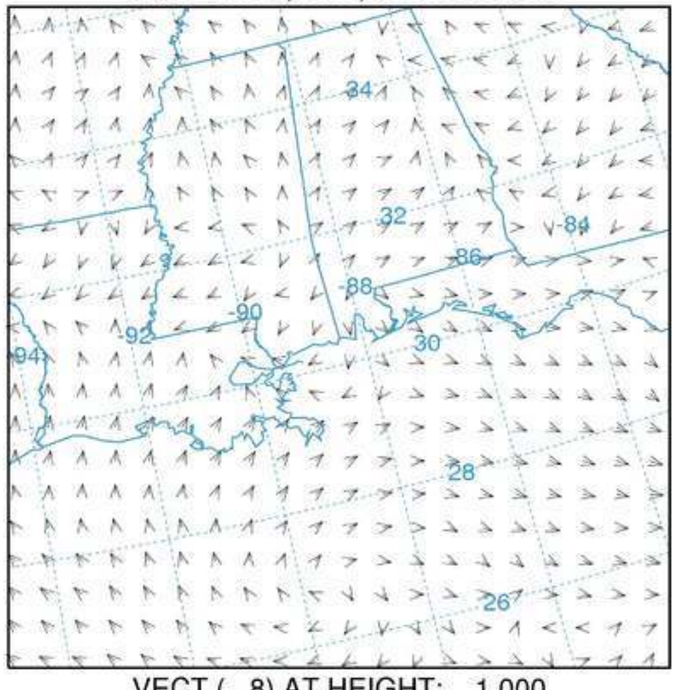
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/21



VECT (10) AT HEIGHT: 0.718

Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

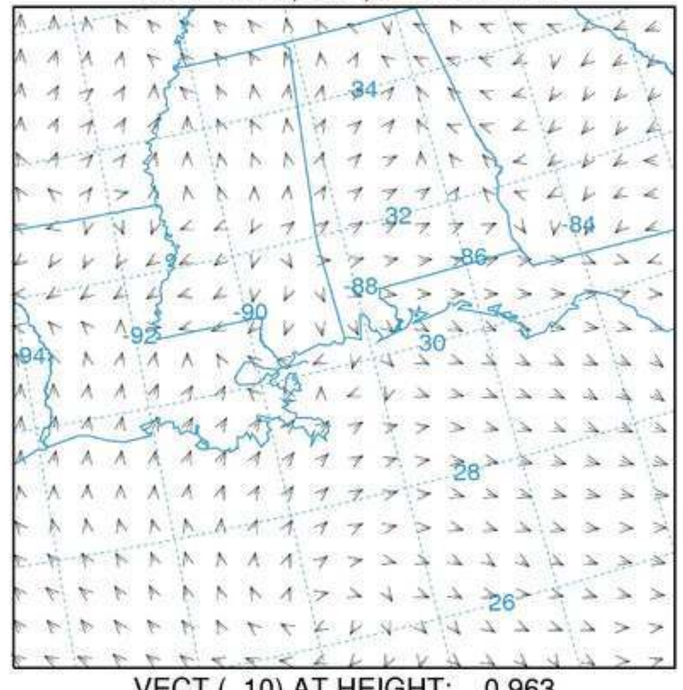
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/22



VECT (8) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

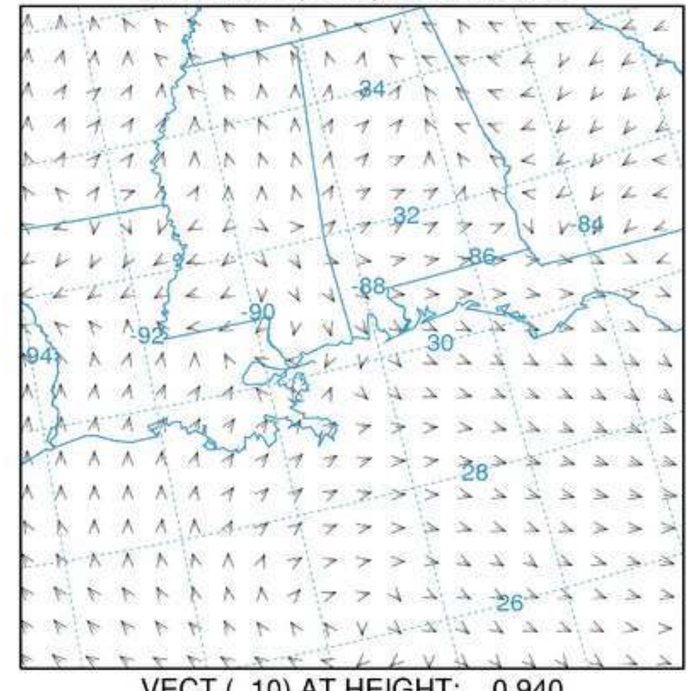
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/22



VECT (10) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

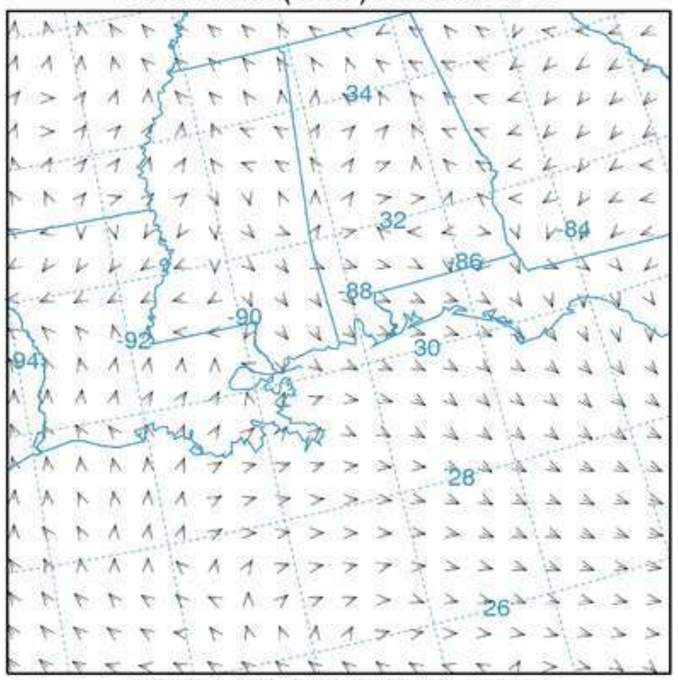
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/22



VECT (10) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

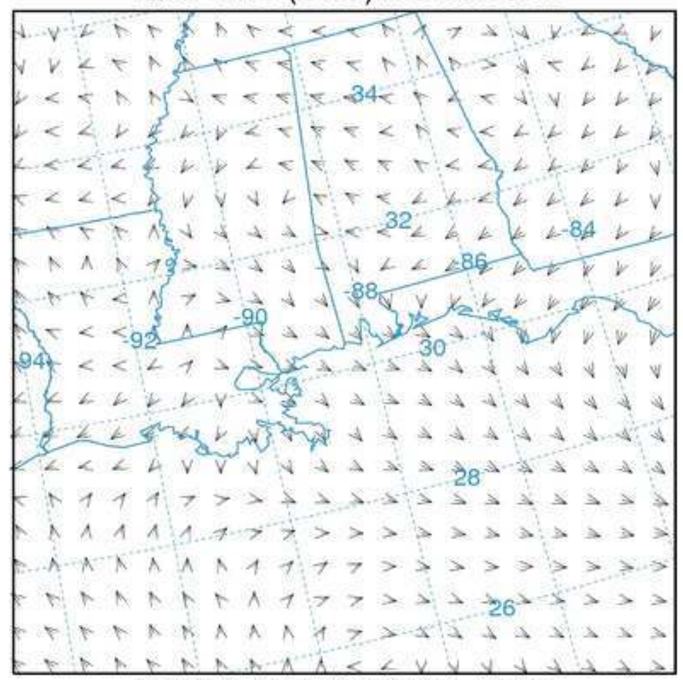
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/22



VECT (10) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

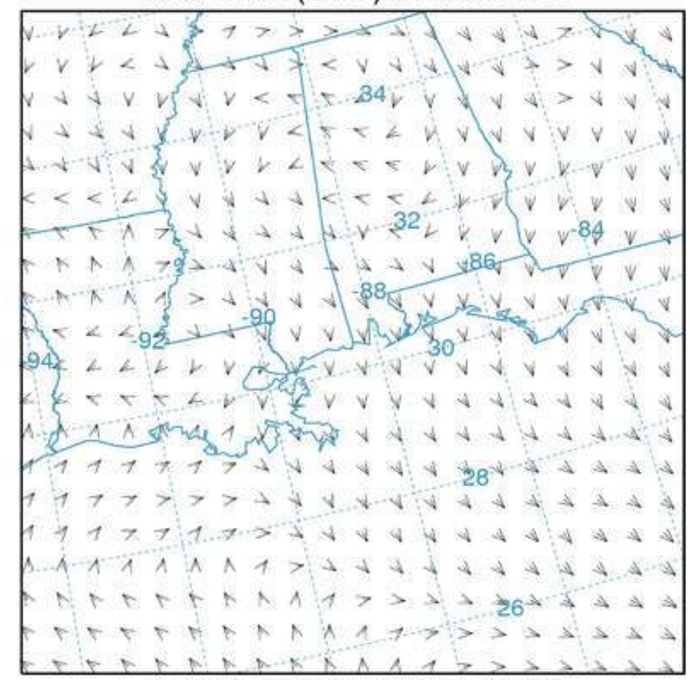
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/22



VECT (9) AT HEIGHT: 0.826

Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

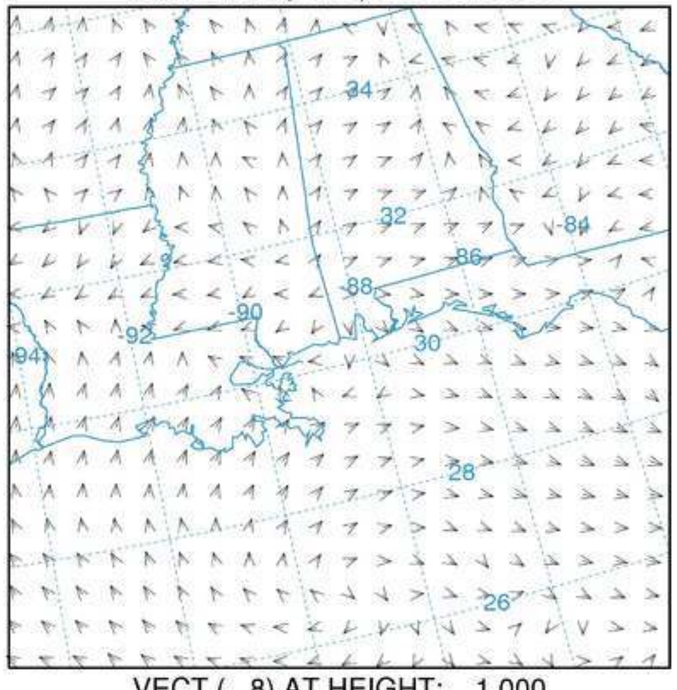
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/22



VECT (9) AT HEIGHT: 0.718

Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

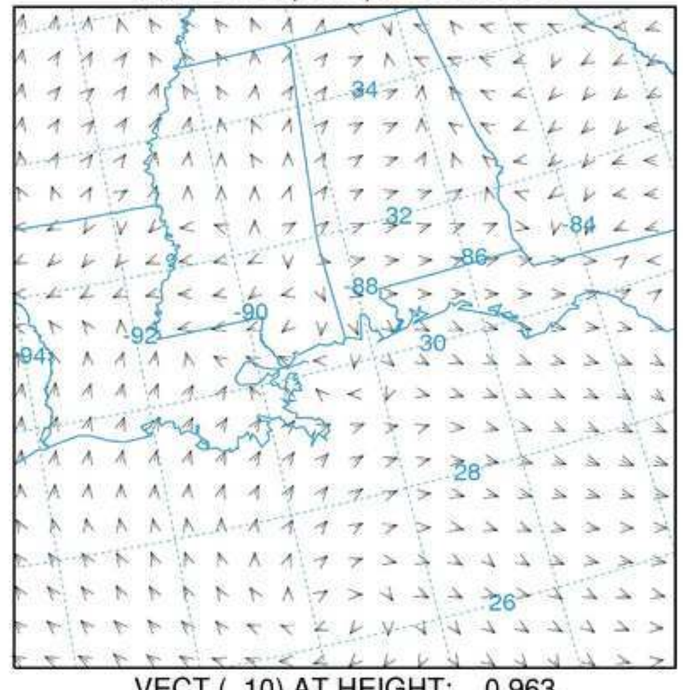
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/23



VECT (8) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

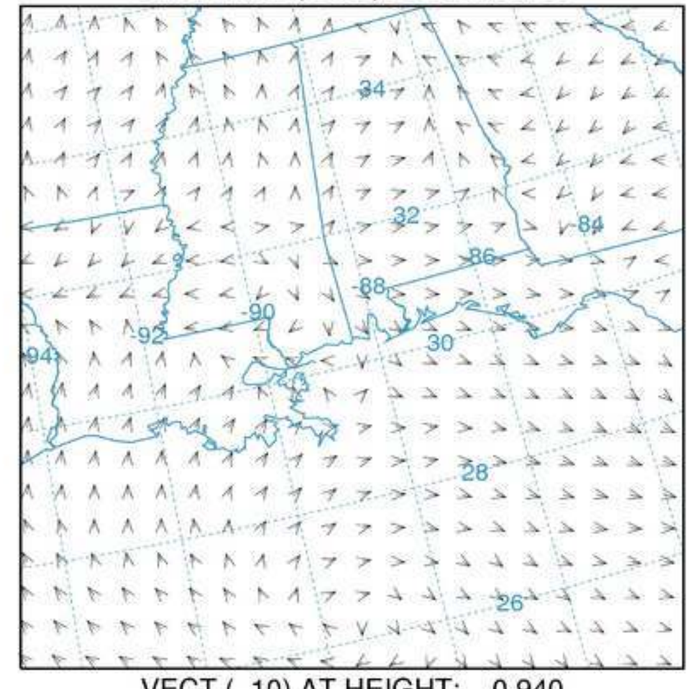
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/23



VECT (10) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

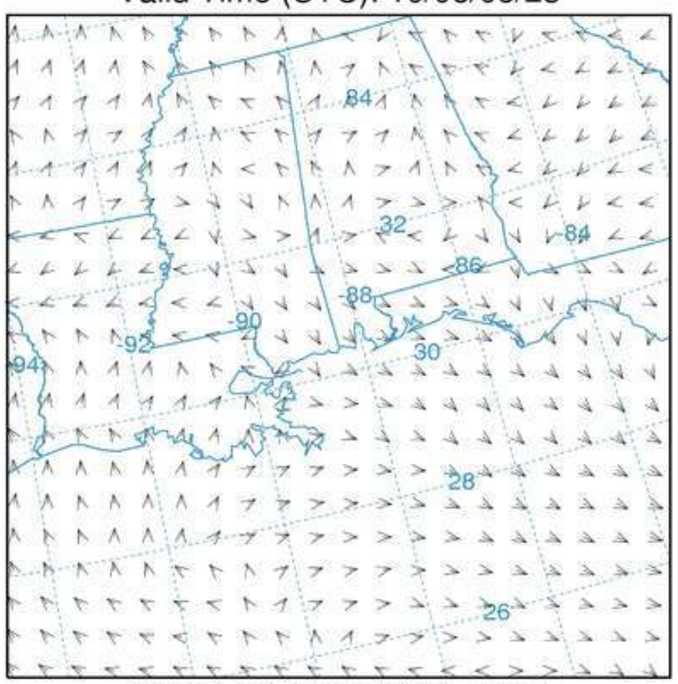
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/23



VECT (10) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

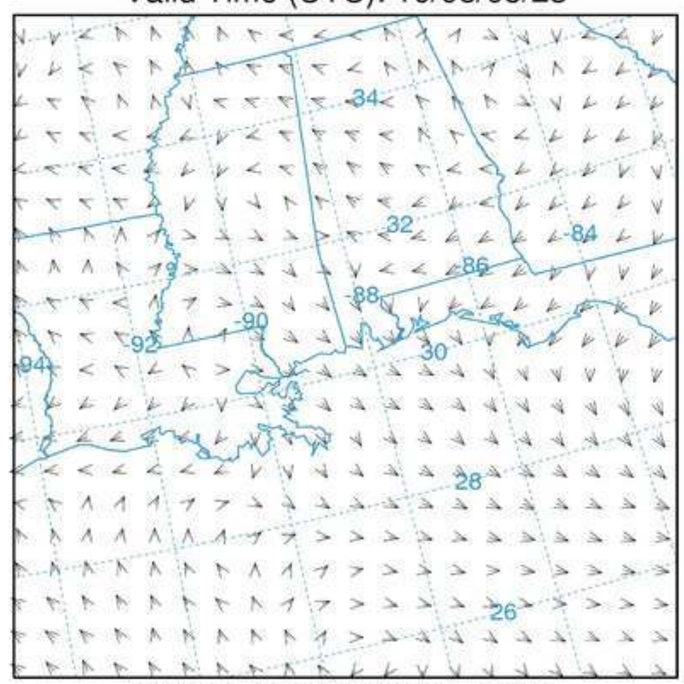
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/23



VECT (10) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

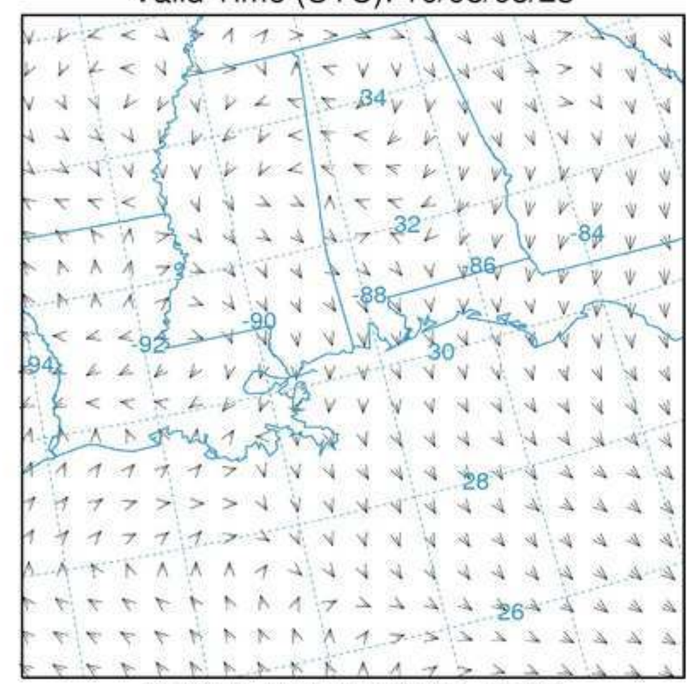
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/23



VECT (9) AT HEIGHT: 0.826

Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

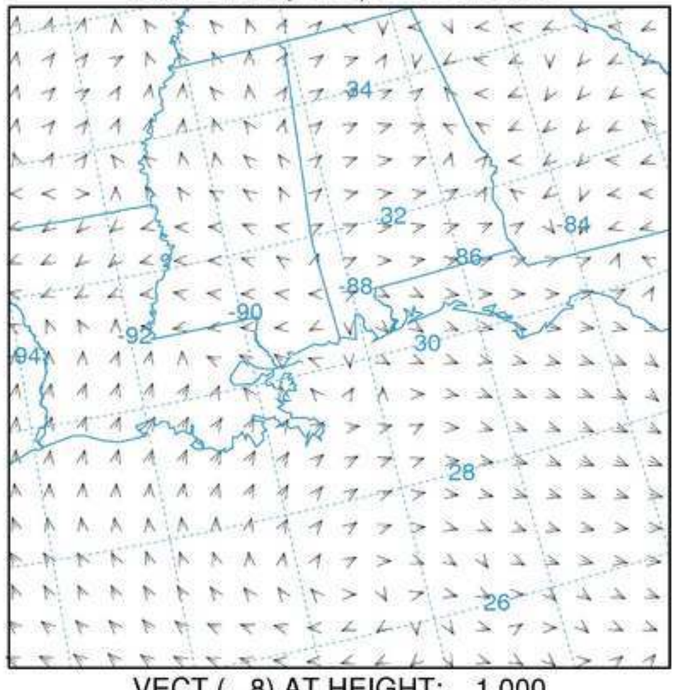
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/23



VECT (8) AT HEIGHT: 0.718

Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

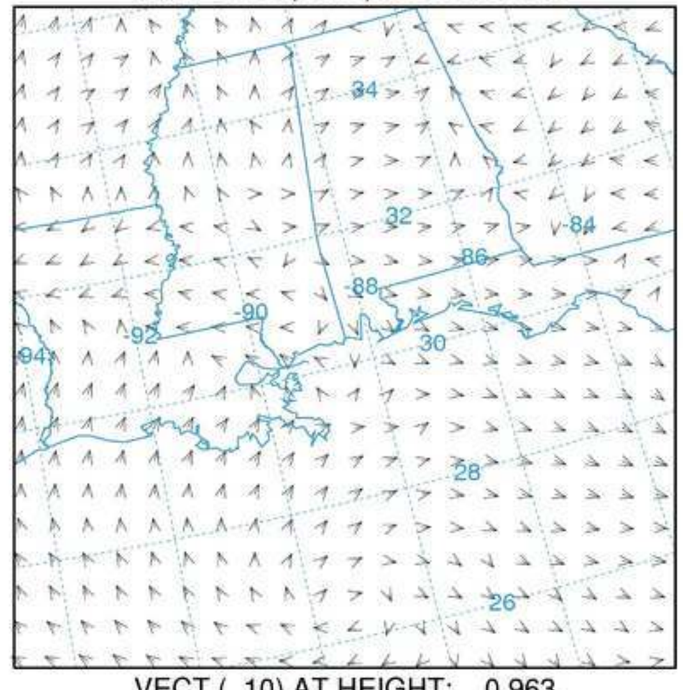
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/00



VECT (8) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

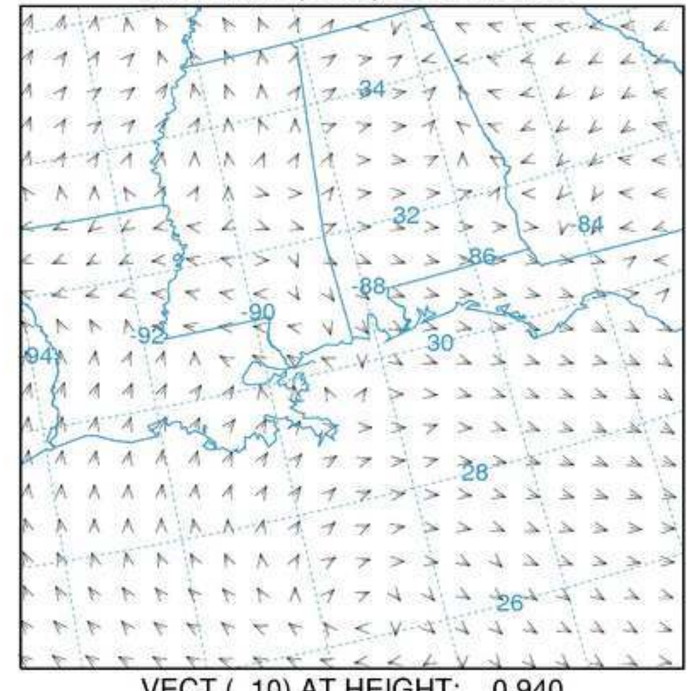
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/00



VECT (10) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

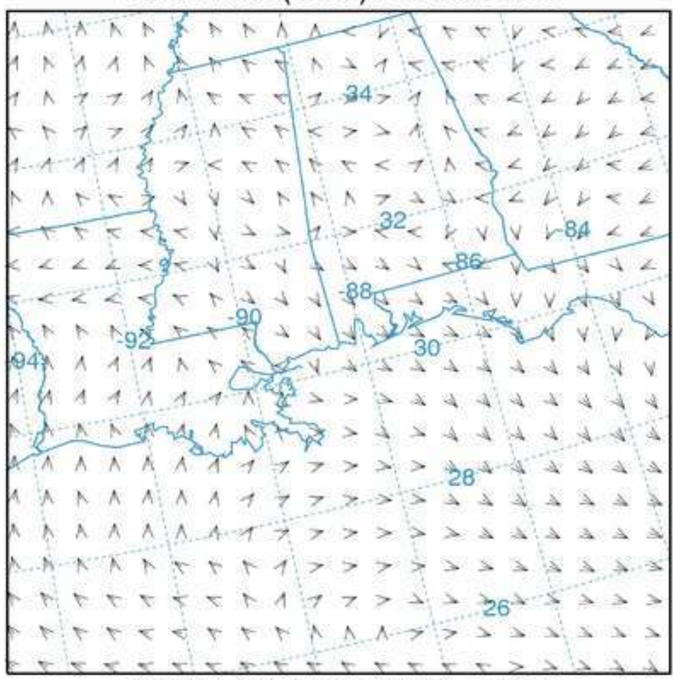
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/00



VECT (10) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

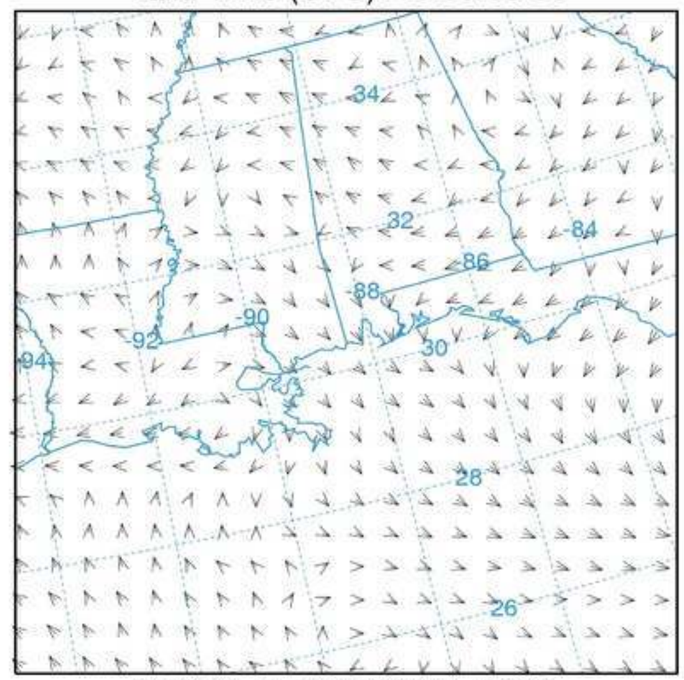
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/00



VECT (10) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

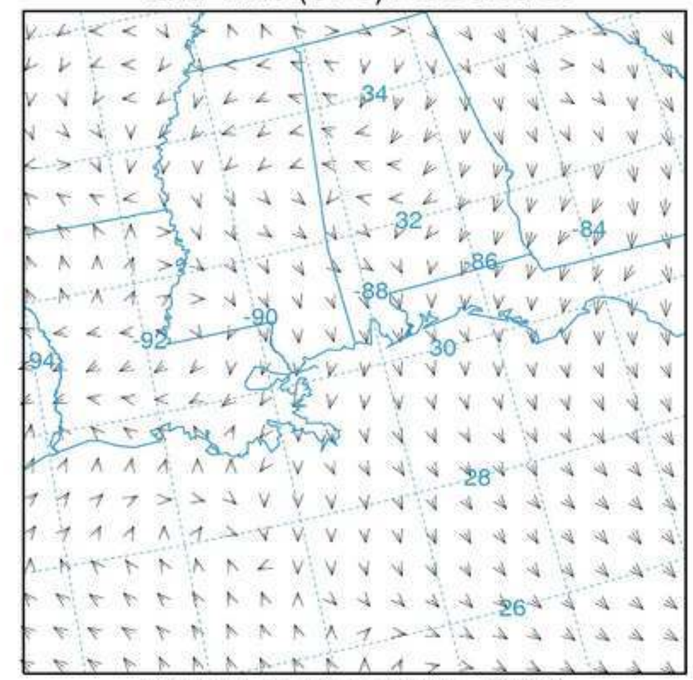
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/00



VECT (9) AT HEIGHT: 0.826

Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

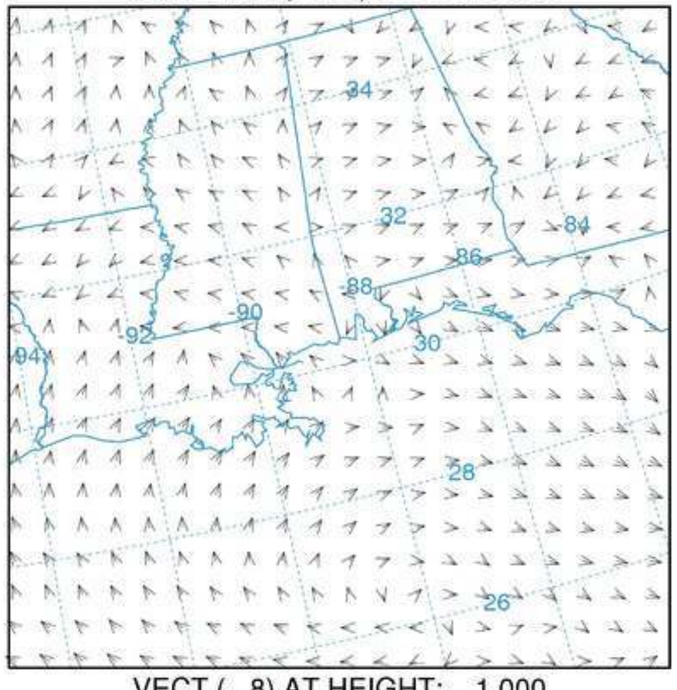
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/00



VECT (7) AT HEIGHT: 0.718

Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

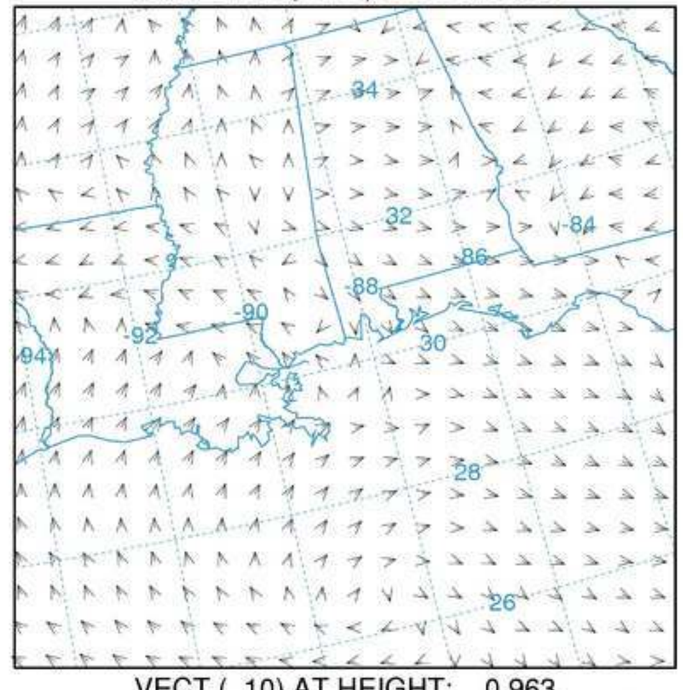
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/01



VECT (8) AT HEIGHT: 1.000

Wind direction data for NAMS vertical level 1, corresponding to the surface (~10 m)

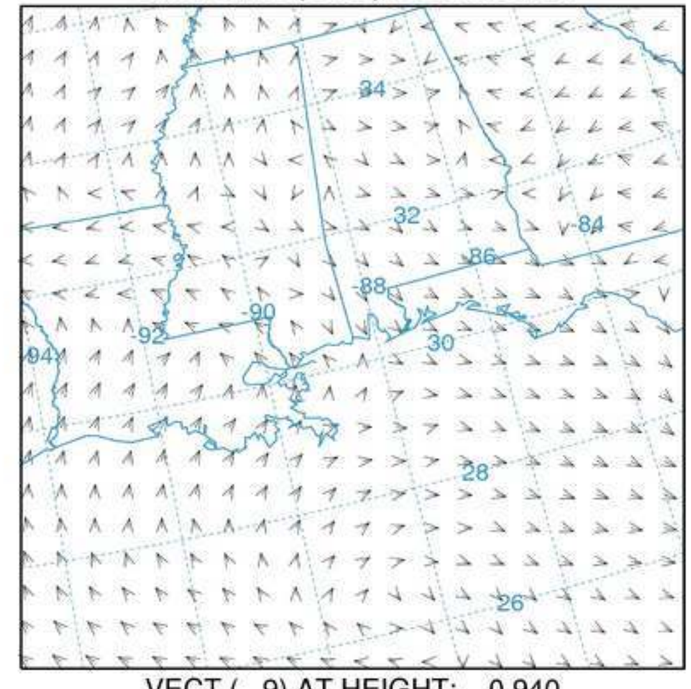
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/01



VECT (10) AT HEIGHT: 0.963

Wind direction data for NAMS vertical level 9, corresponding to a height of ~250 meters

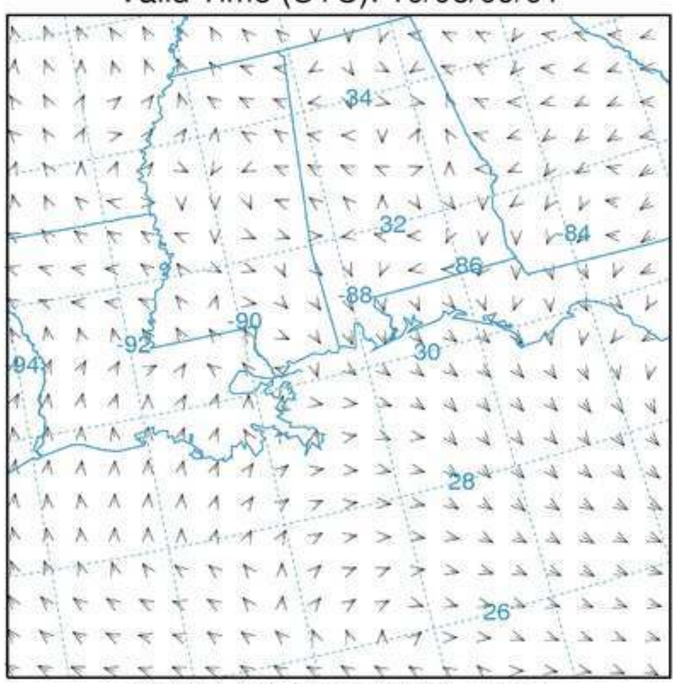
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/01



VECT (9) AT HEIGHT: 0.940

Wind direction data for NAMS vertical level 13, corresponding to a height of ~500 meters

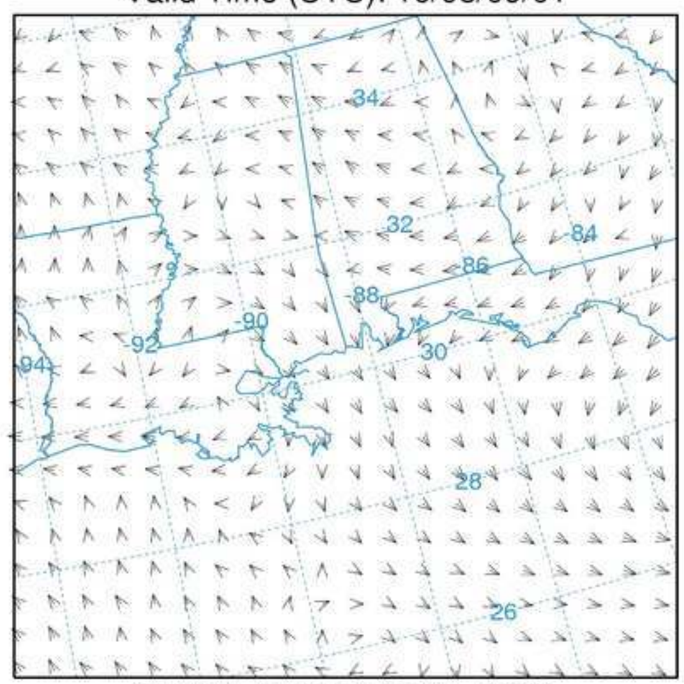
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/01



VECT (10) AT HEIGHT: 0.904

Wind direction data for NAMS vertical level 18, corresponding to a height of ~1000 meters

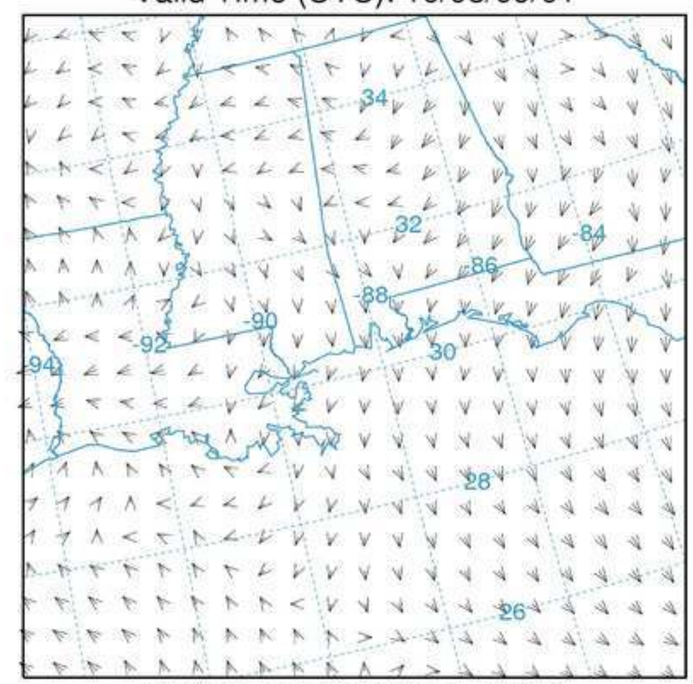
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/01



VECT (9) AT HEIGHT: 0.826

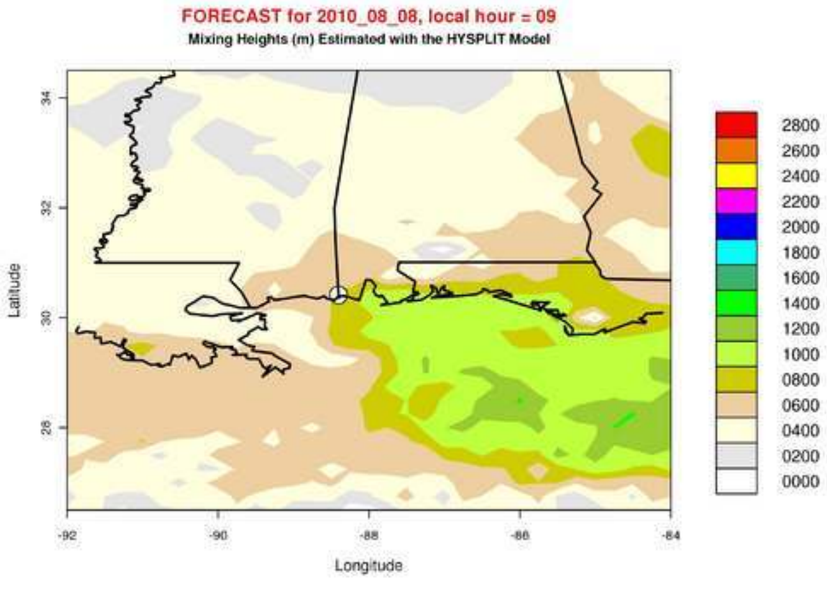
Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

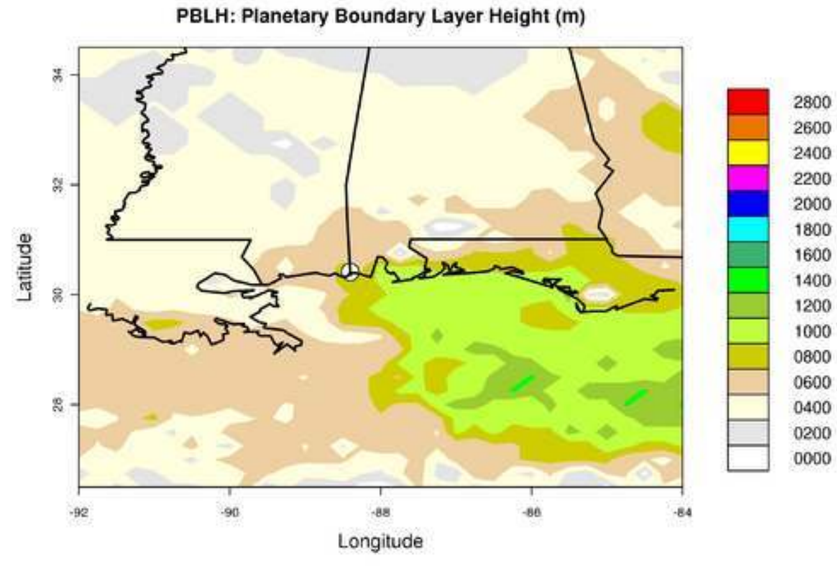
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/09/01

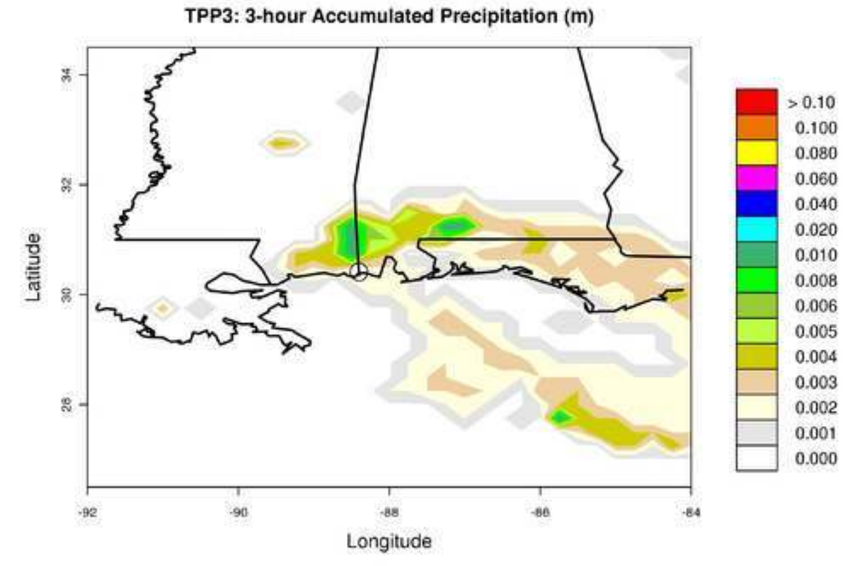


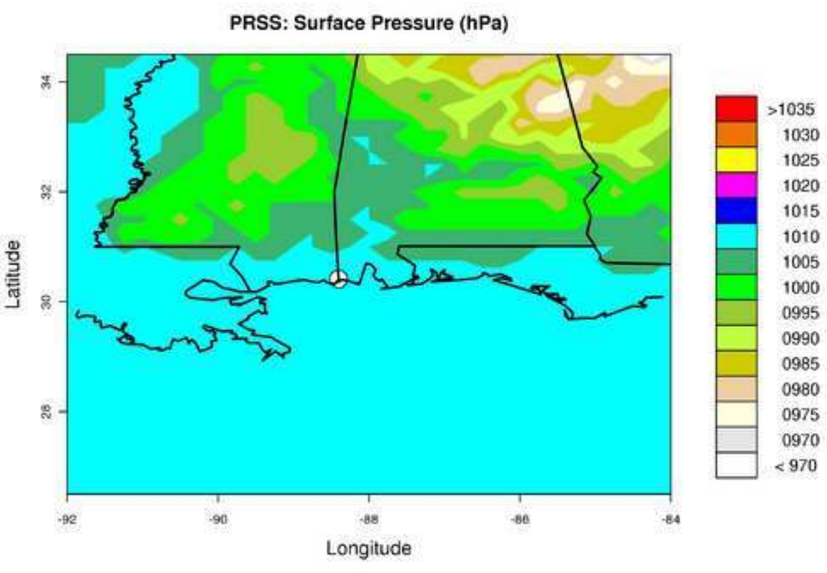
VECT (7) AT HEIGHT: 0.718

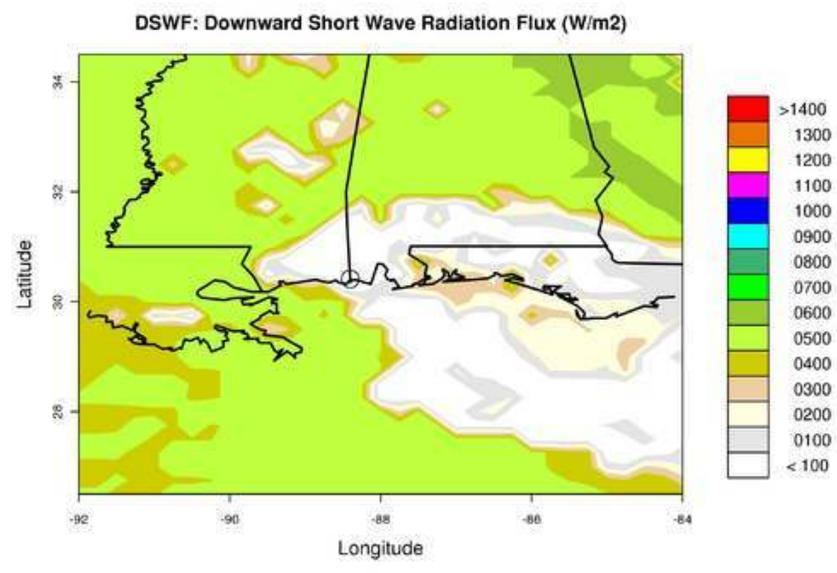
Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

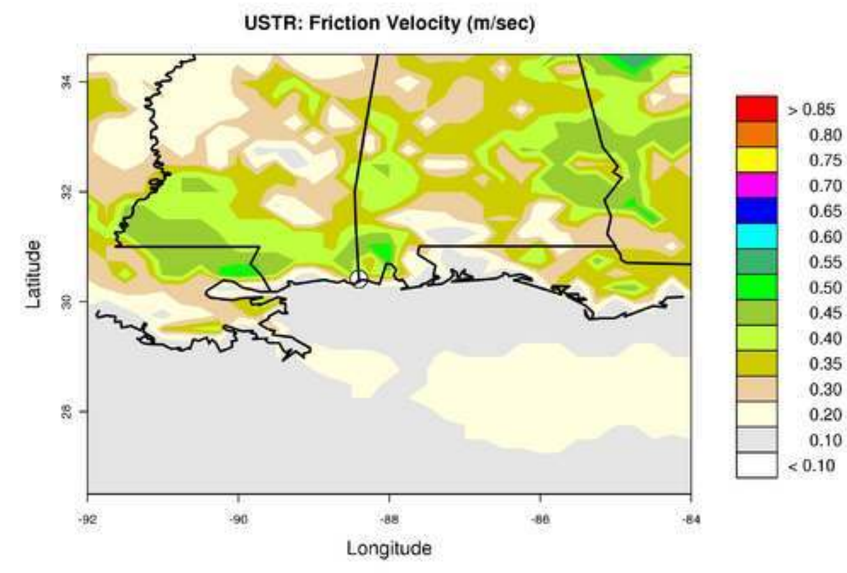

FORECAST for 2010_08_08, local hour = 09
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

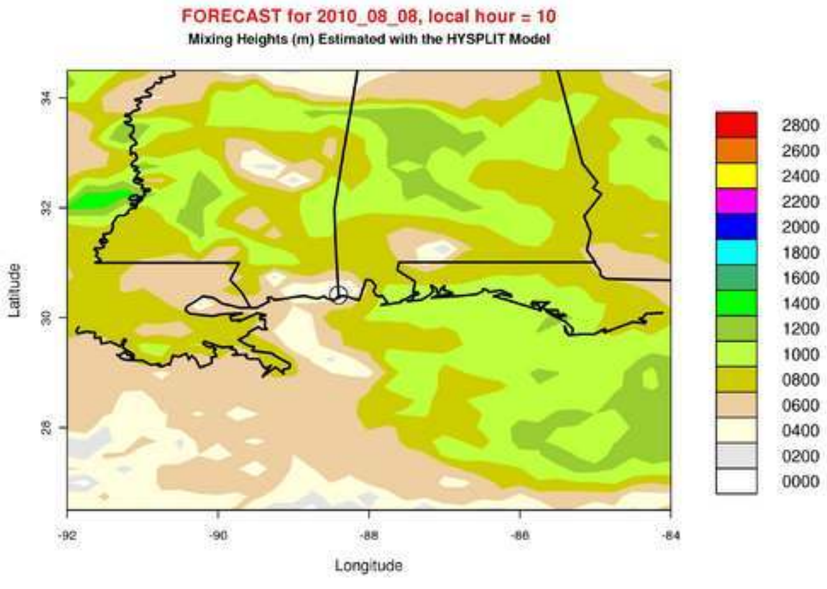

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

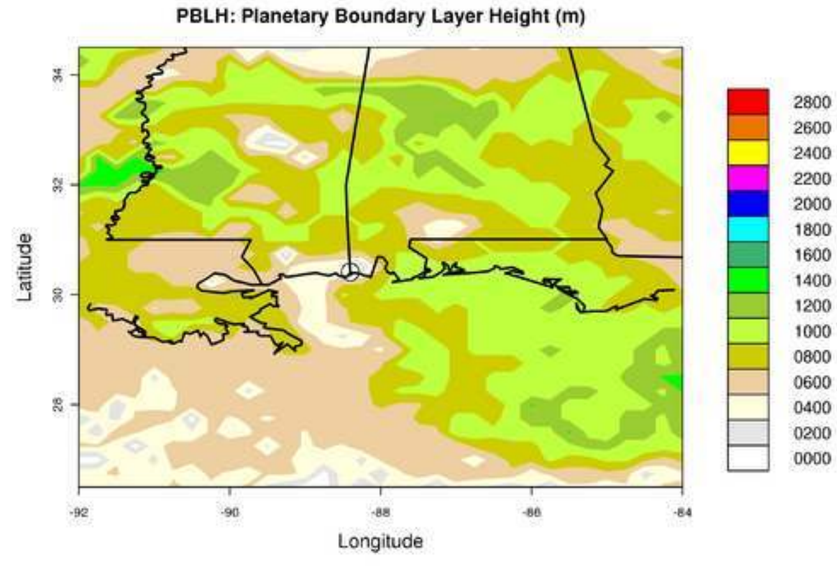

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

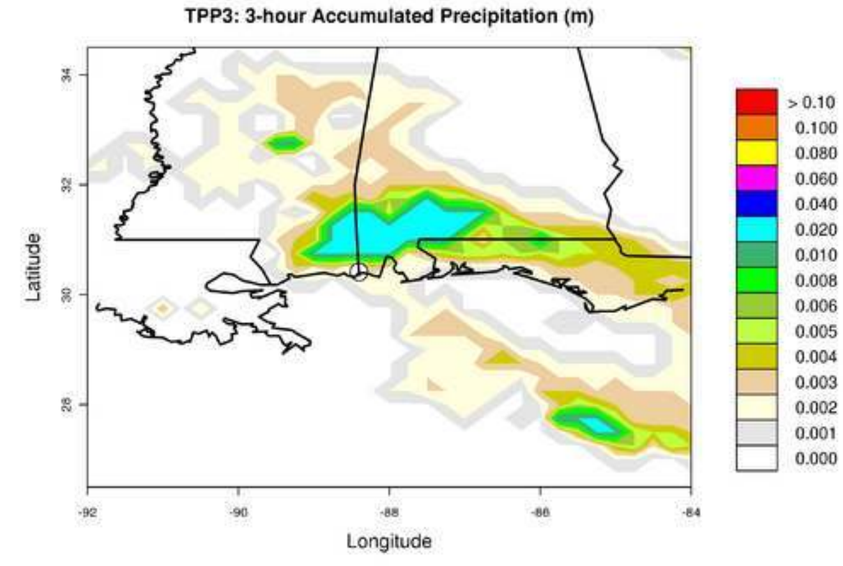

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

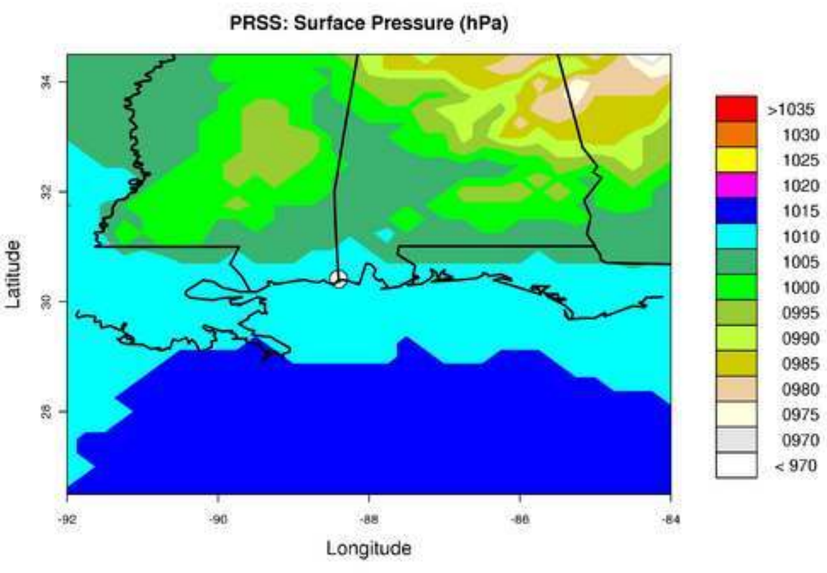

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

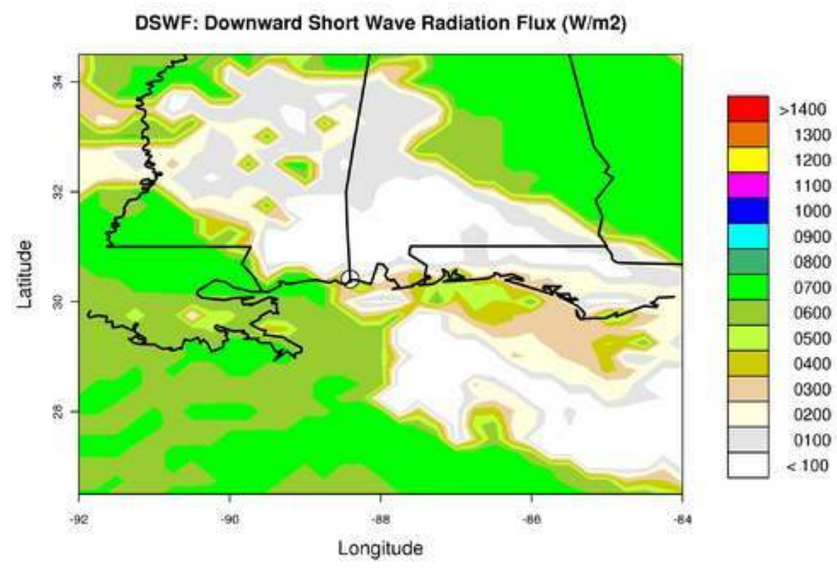

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

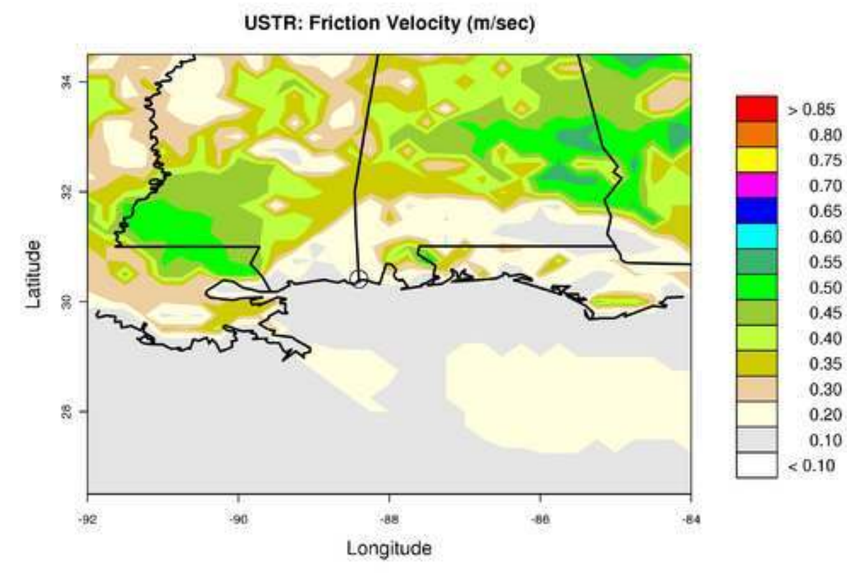

FORECAST for 2010_08_08, local hour = 10
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

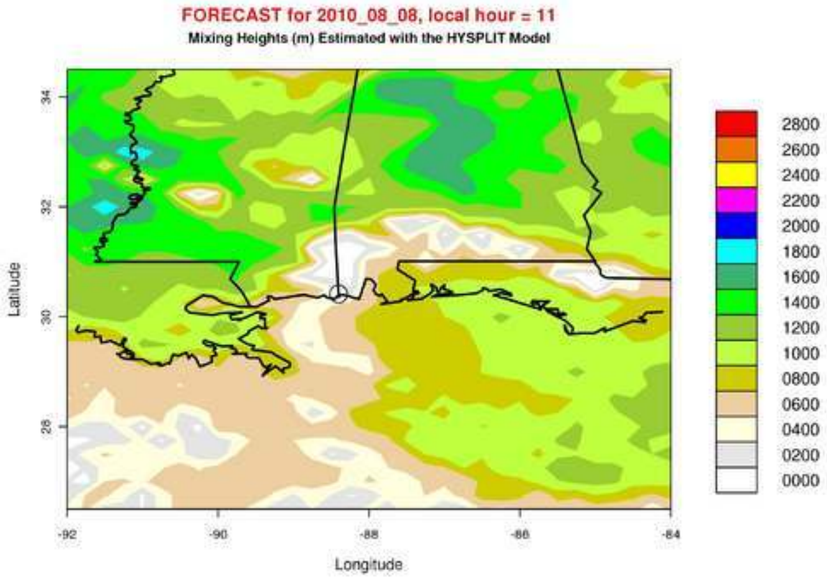

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

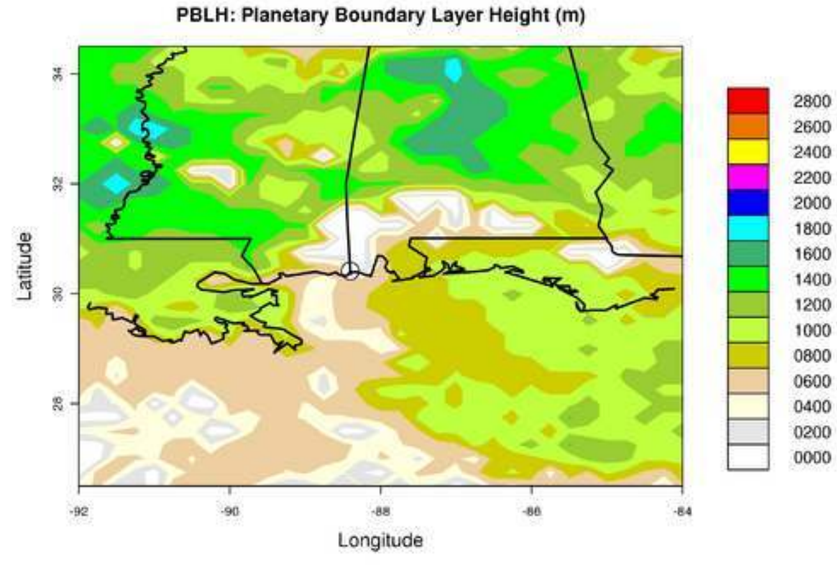

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

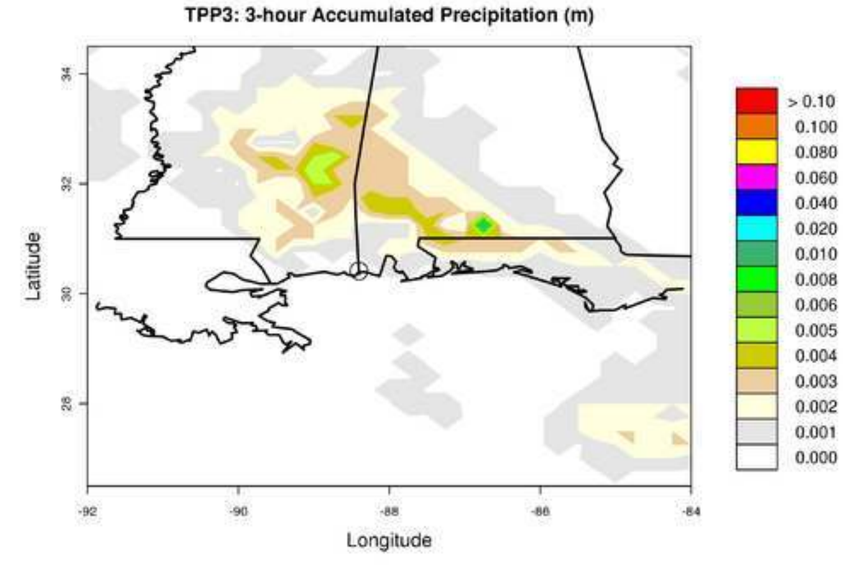

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

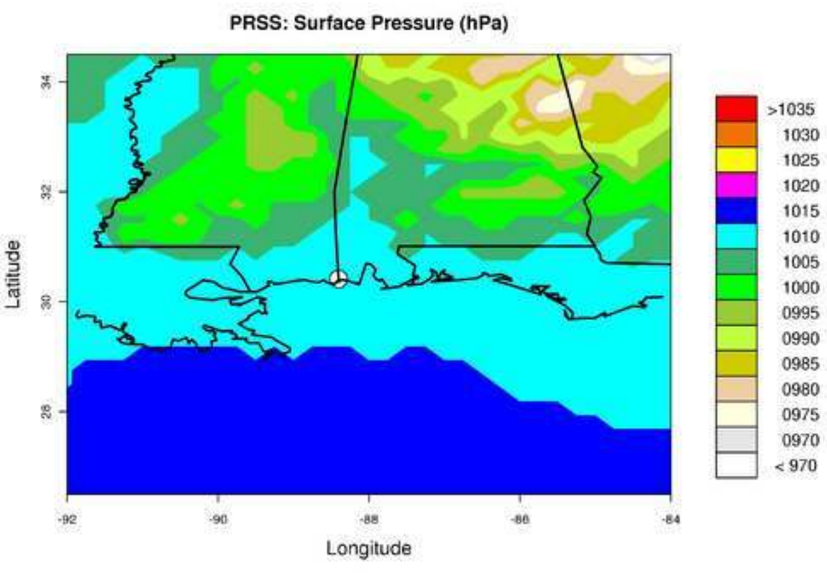

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

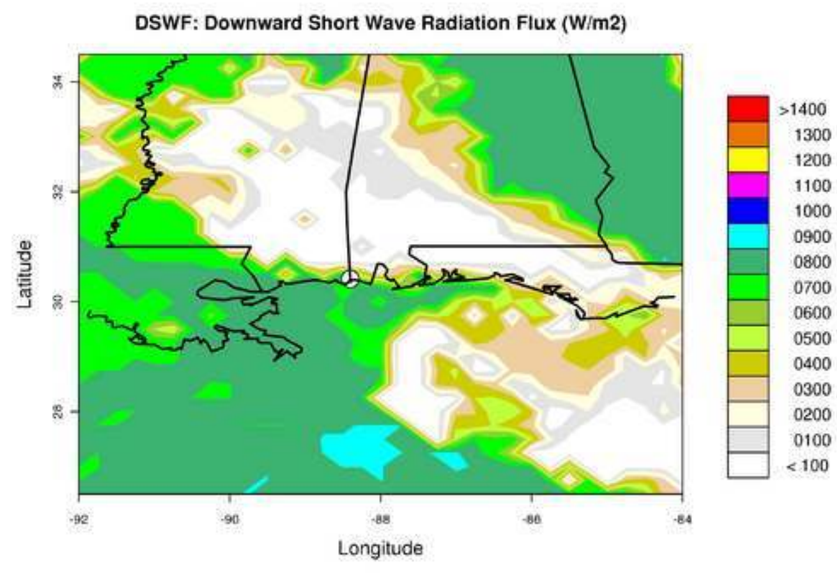

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

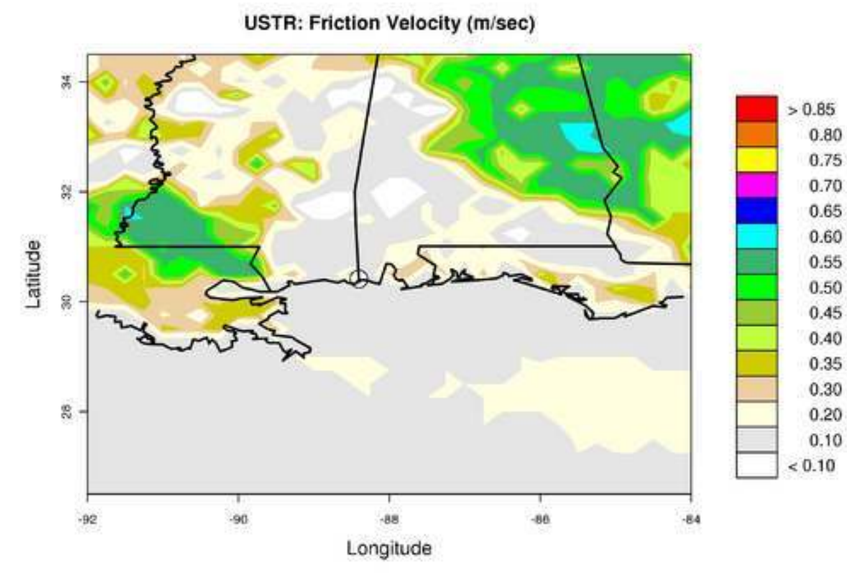

FORECAST for 2010_08_08, local hour = 11
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

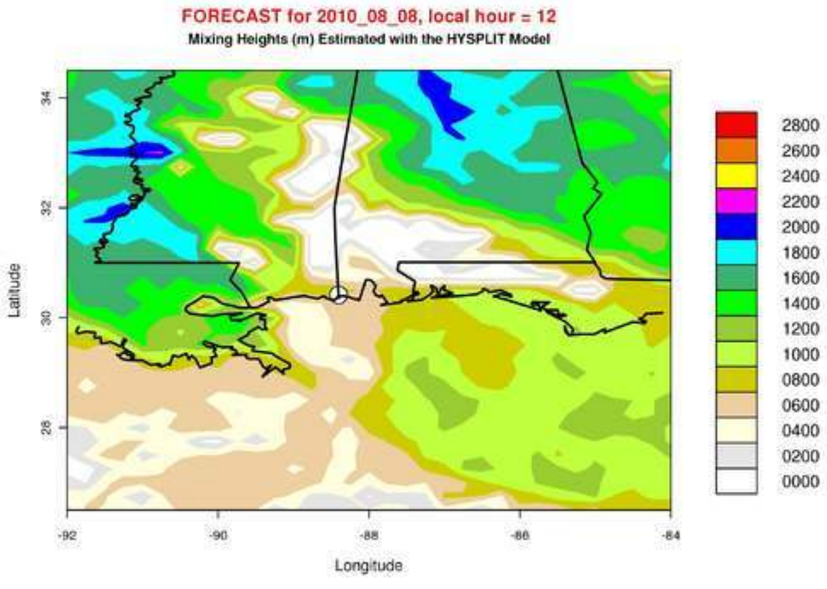

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

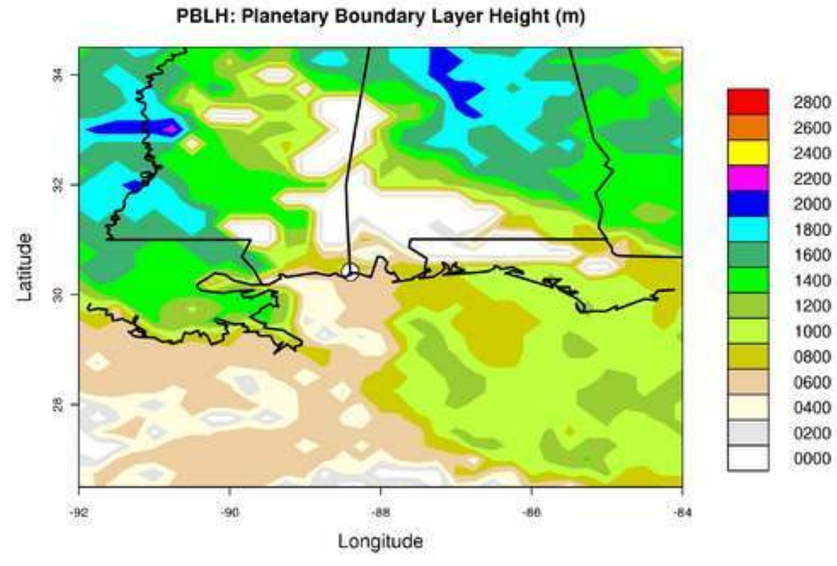

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

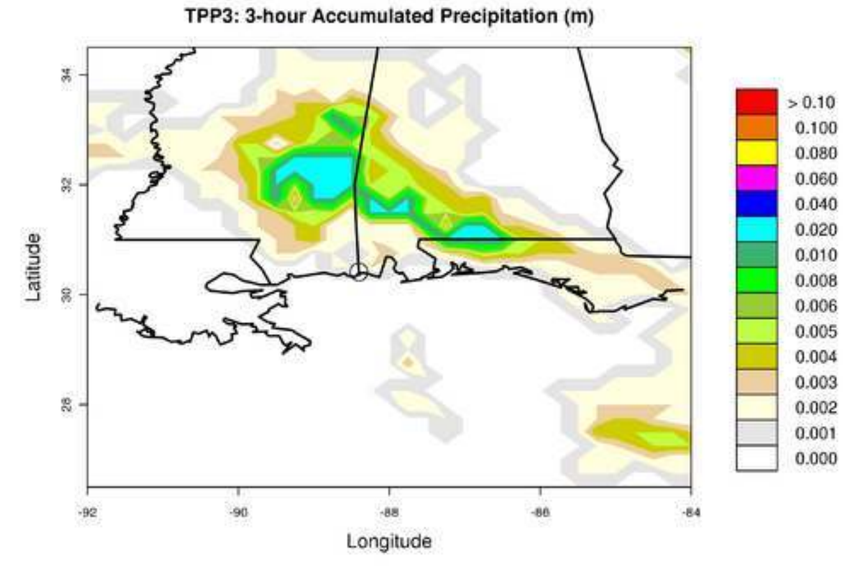

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

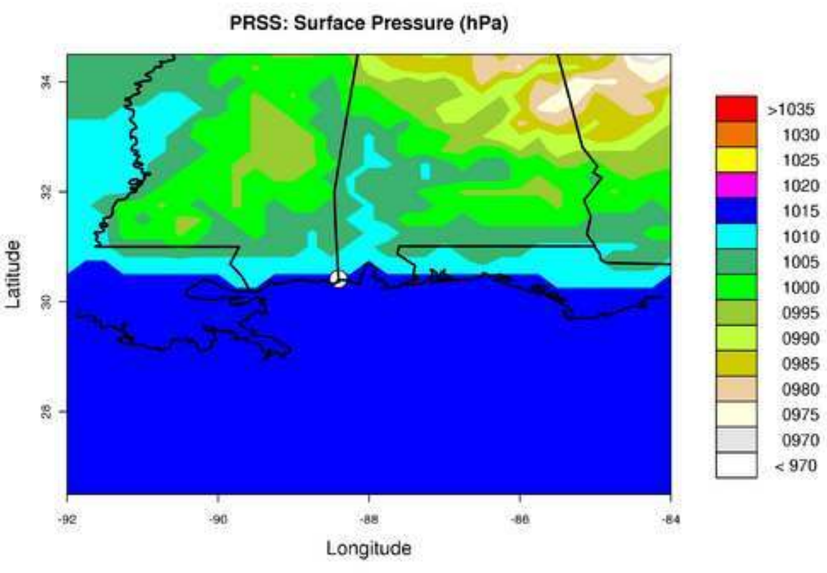

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

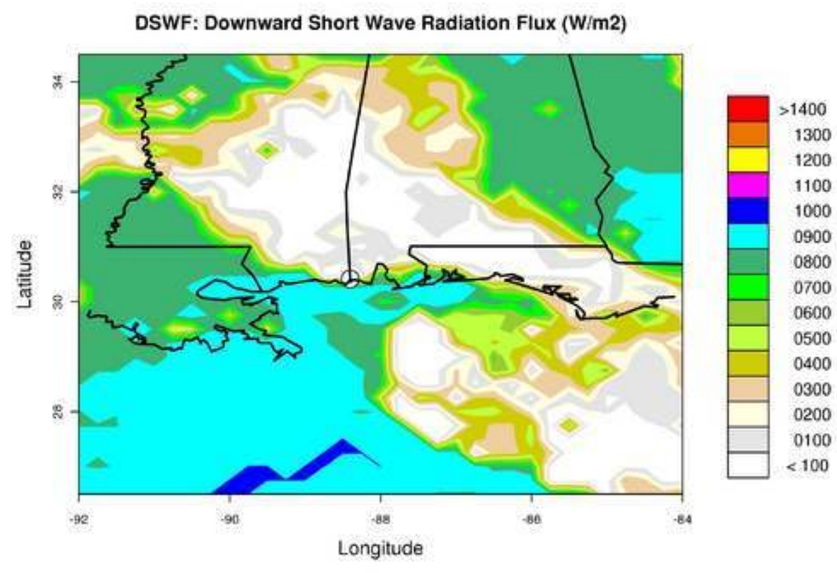

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

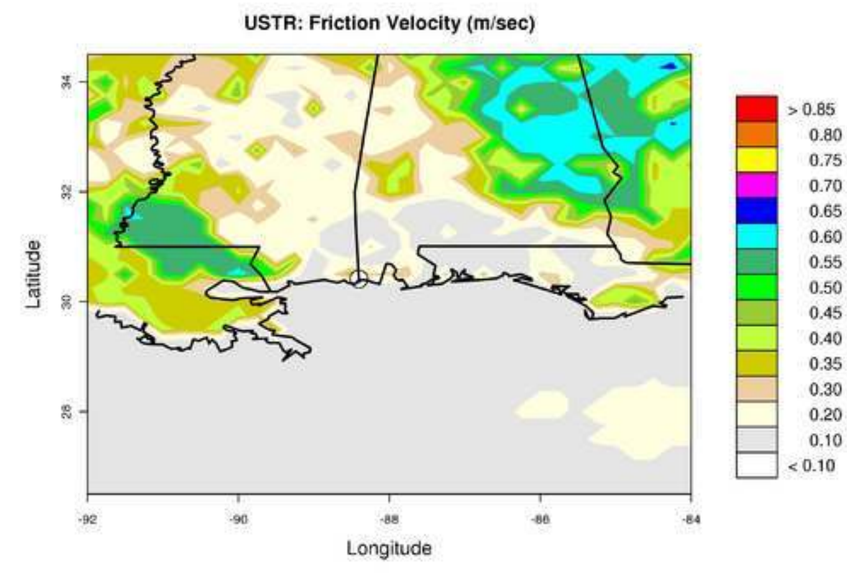

FORECAST for 2010_08_08, local hour = 12
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

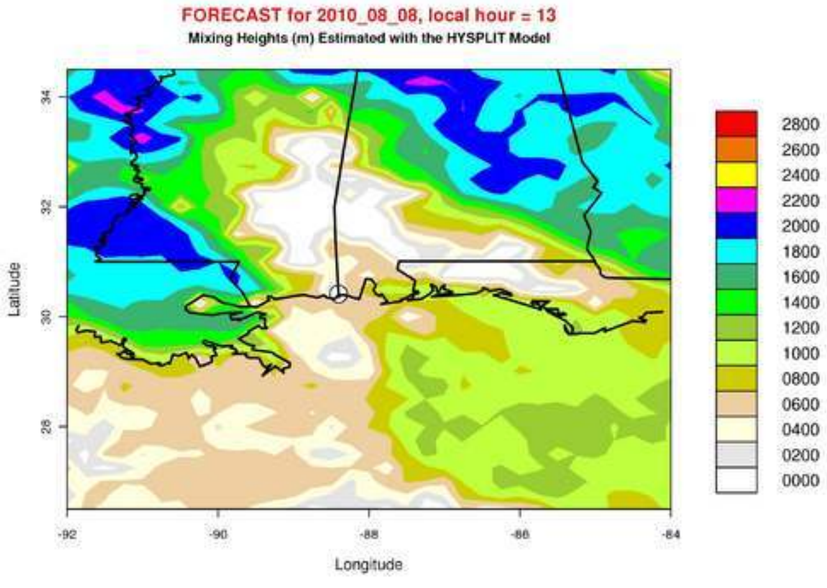

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

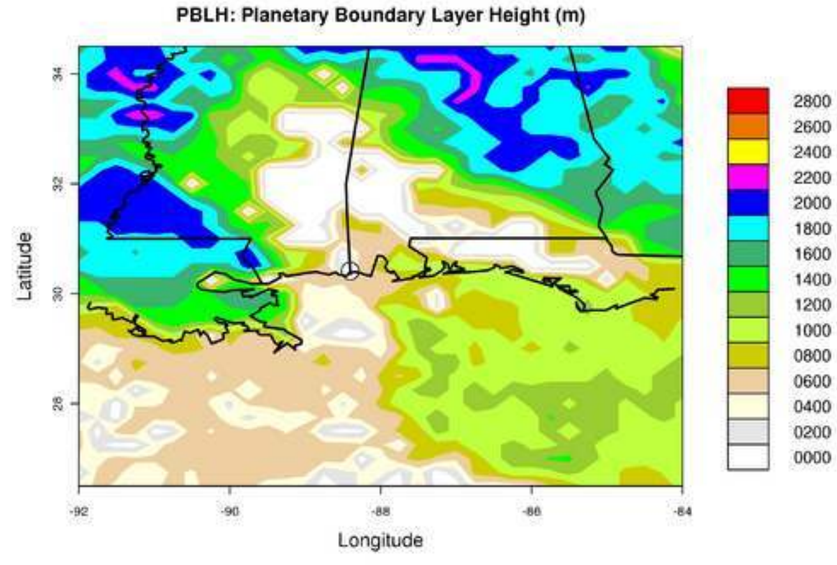

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

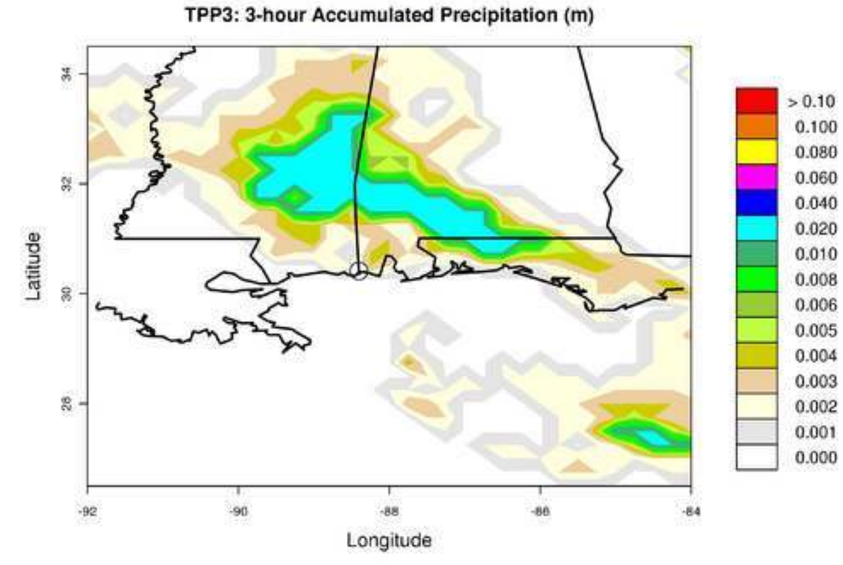

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

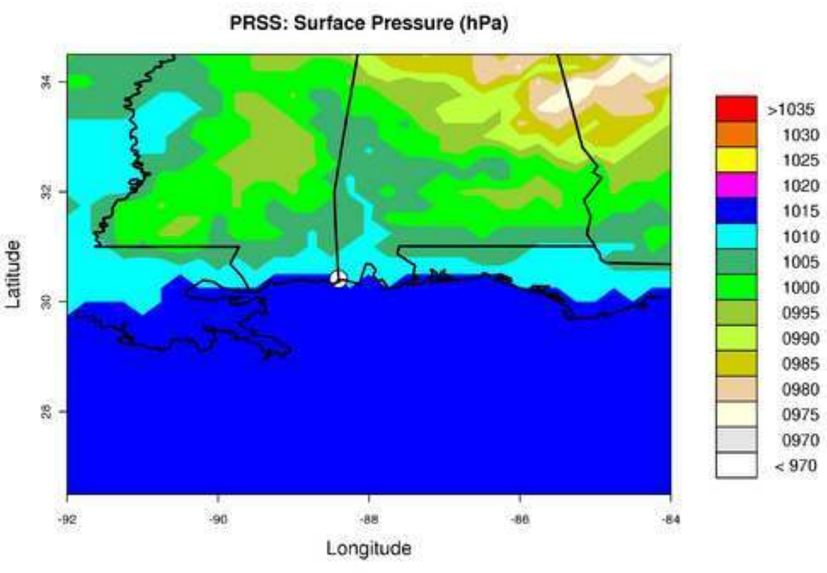

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

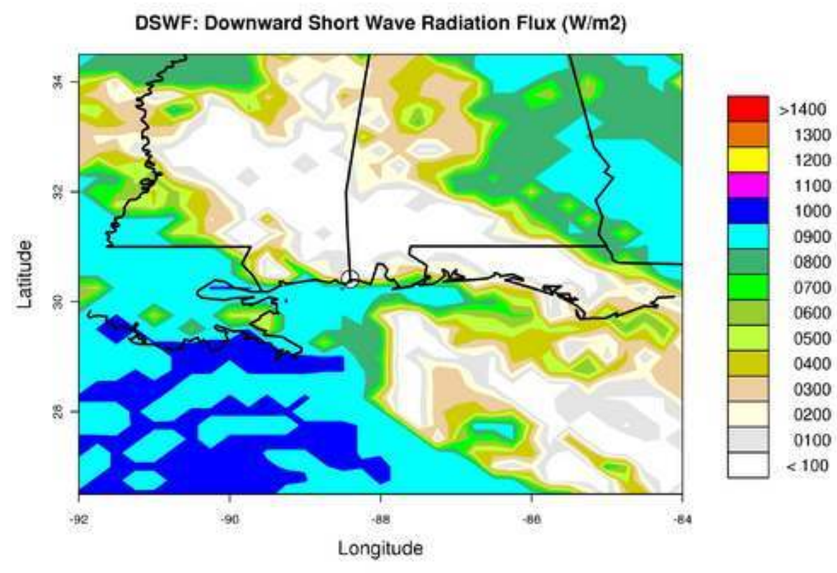

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

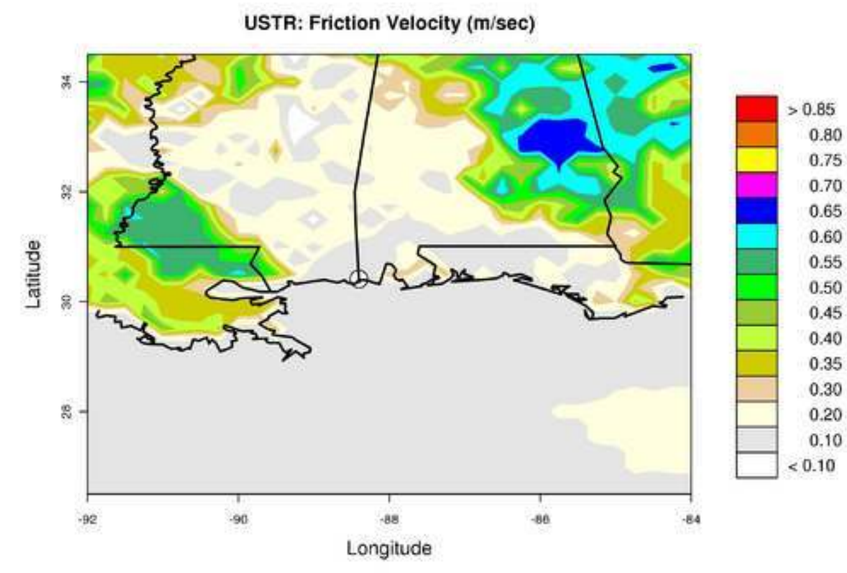

FORECAST for 2010_08_08, local hour = 13
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

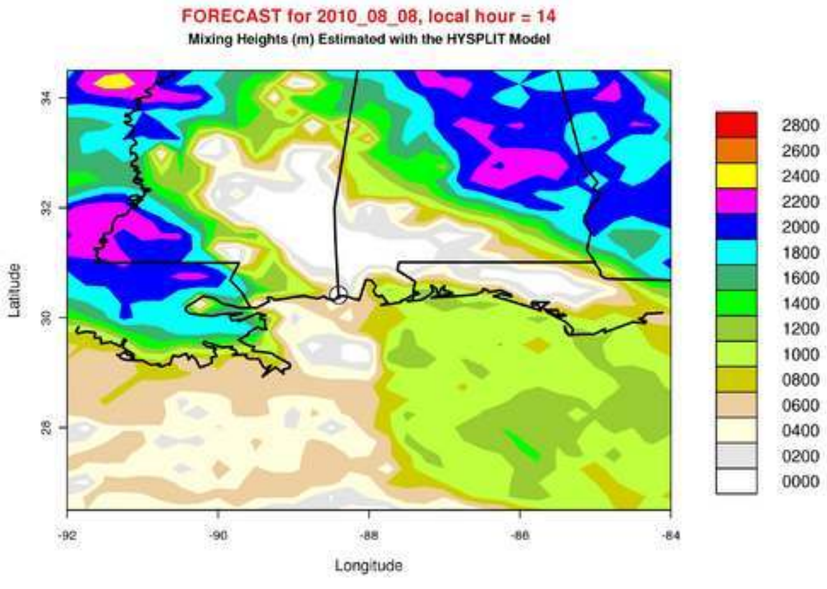

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

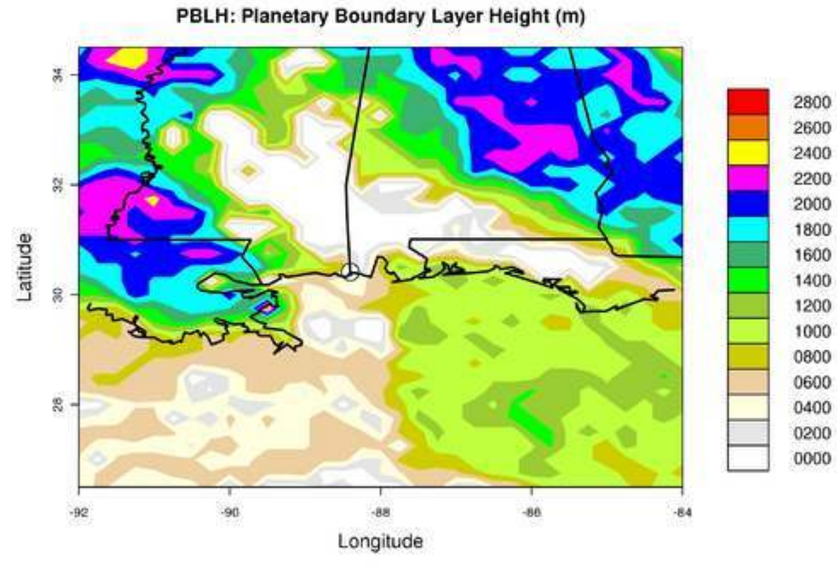

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

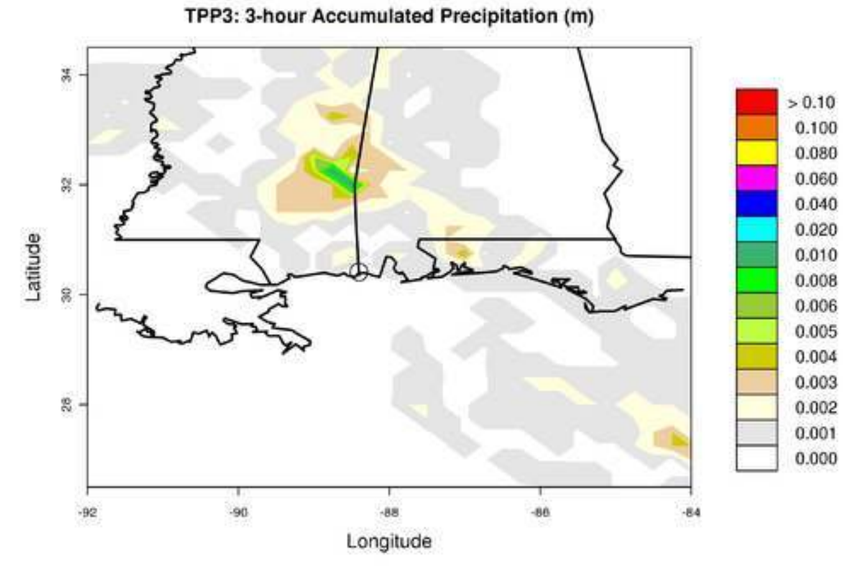

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

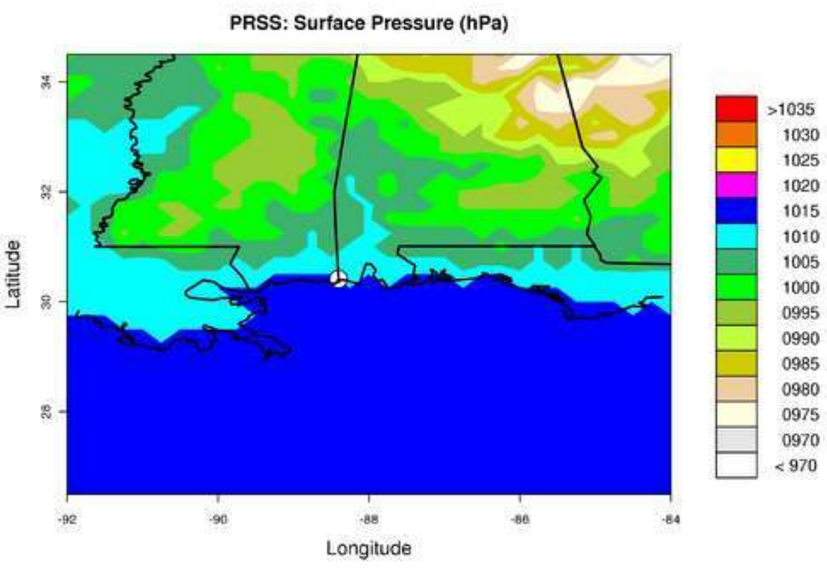

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

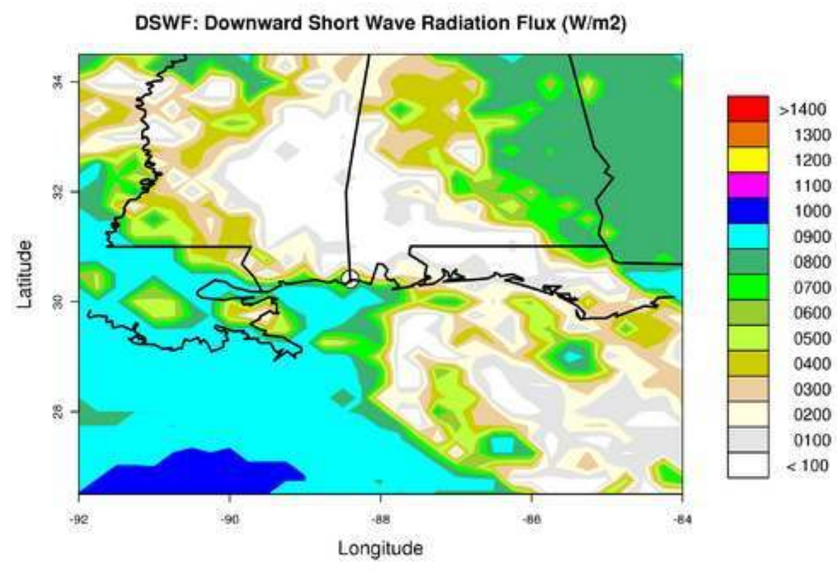

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

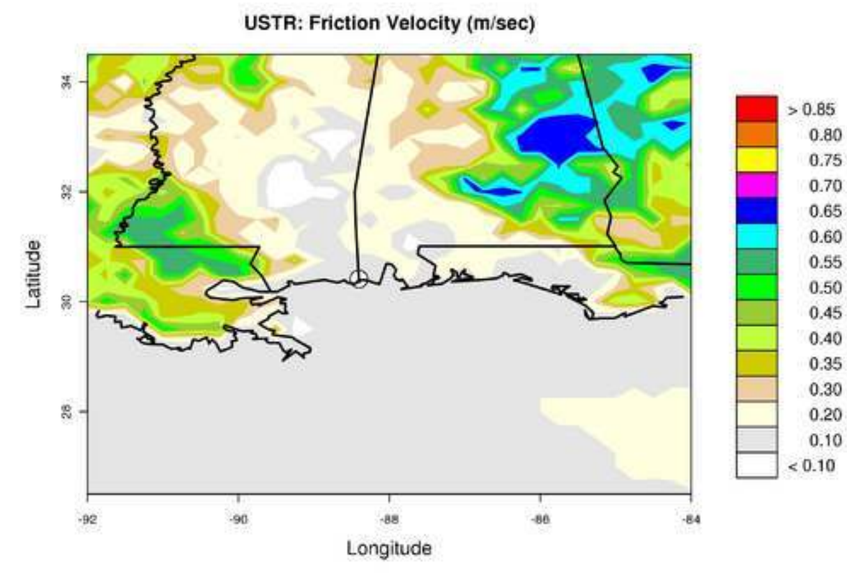

FORECAST for 2010_08_08, local hour = 14
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

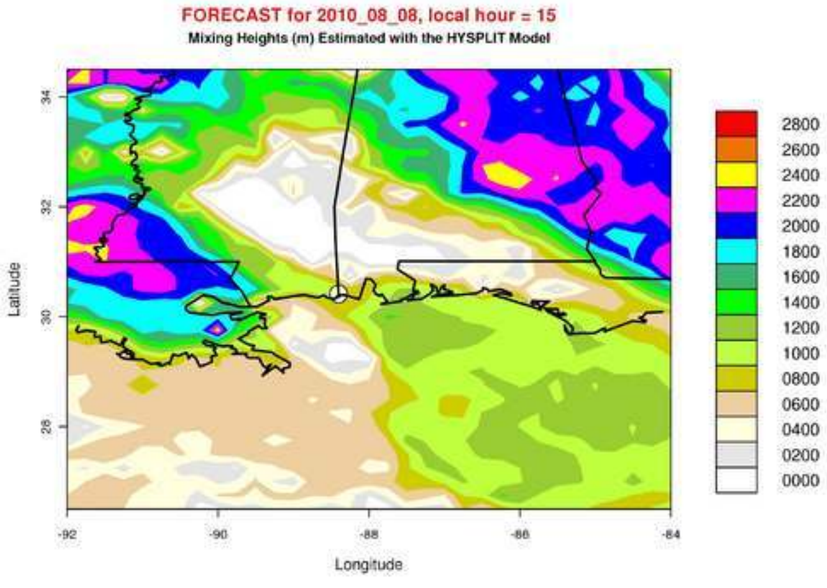

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

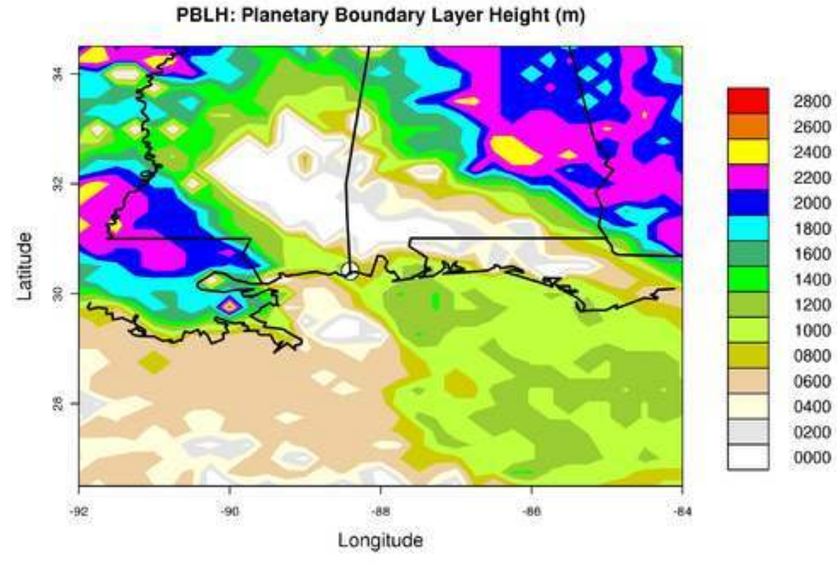

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

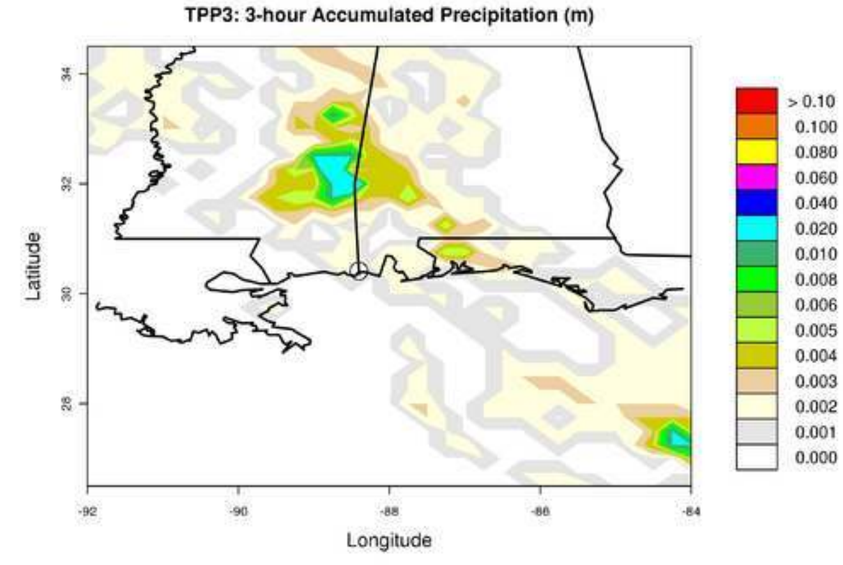

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

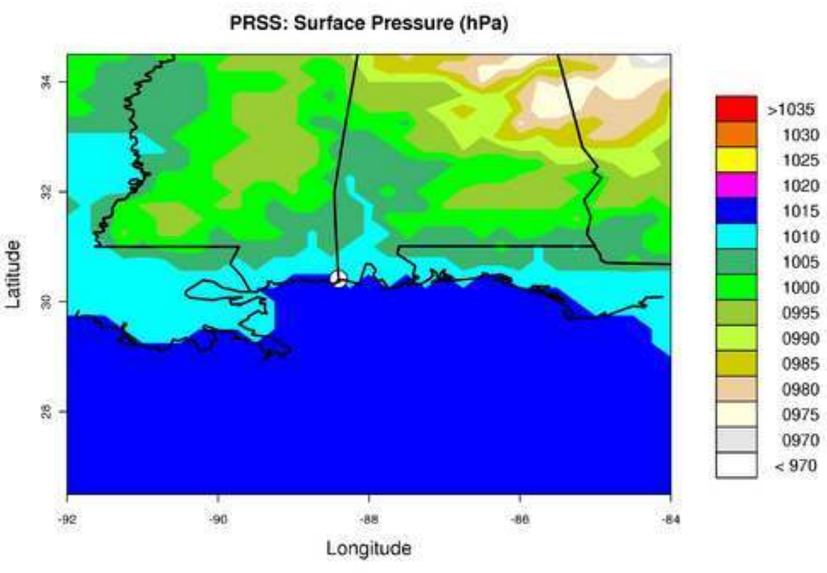

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

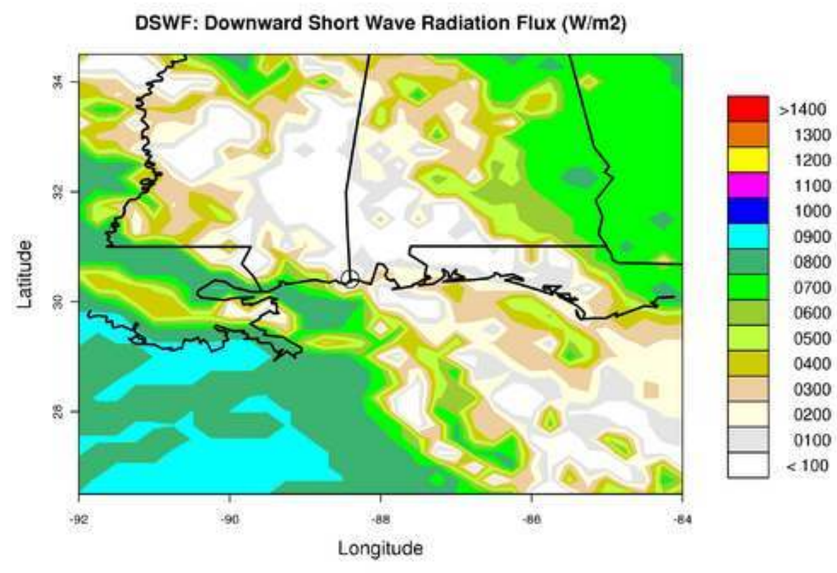

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

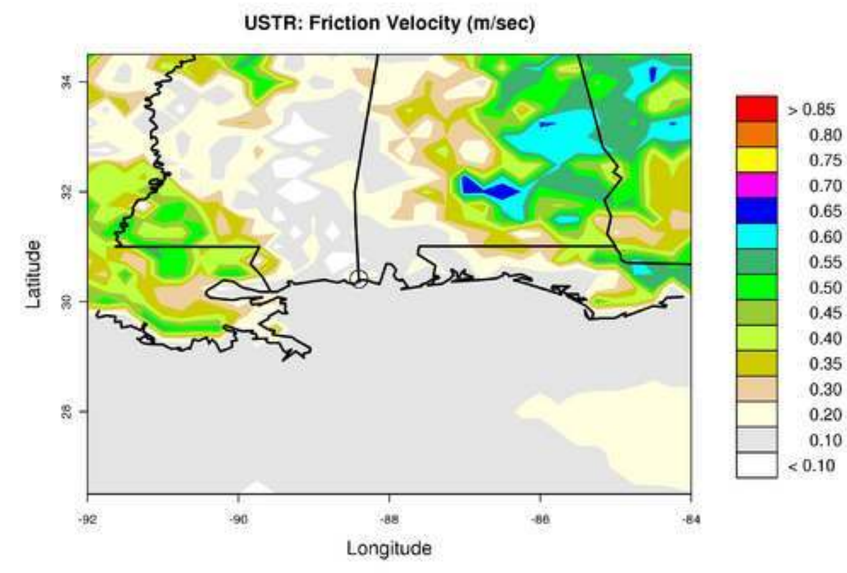

FORECAST for 2010_08_08, local hour = 15
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

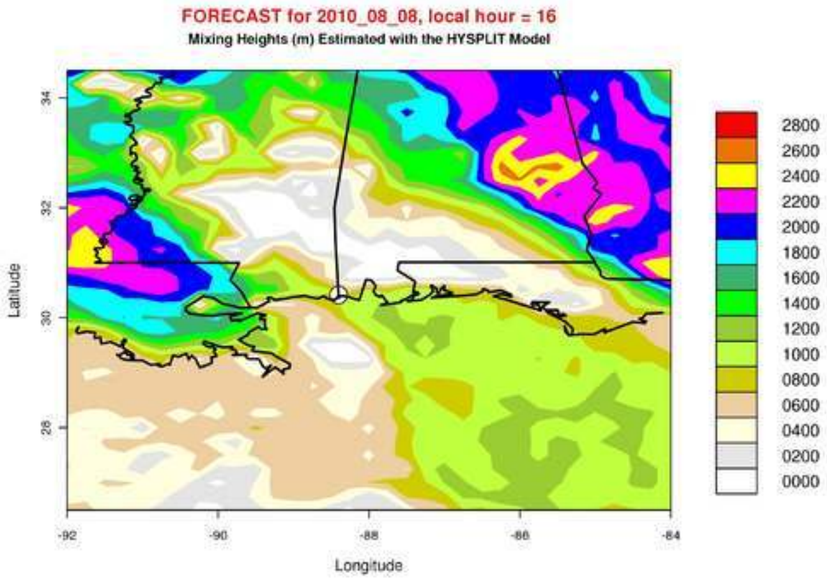

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

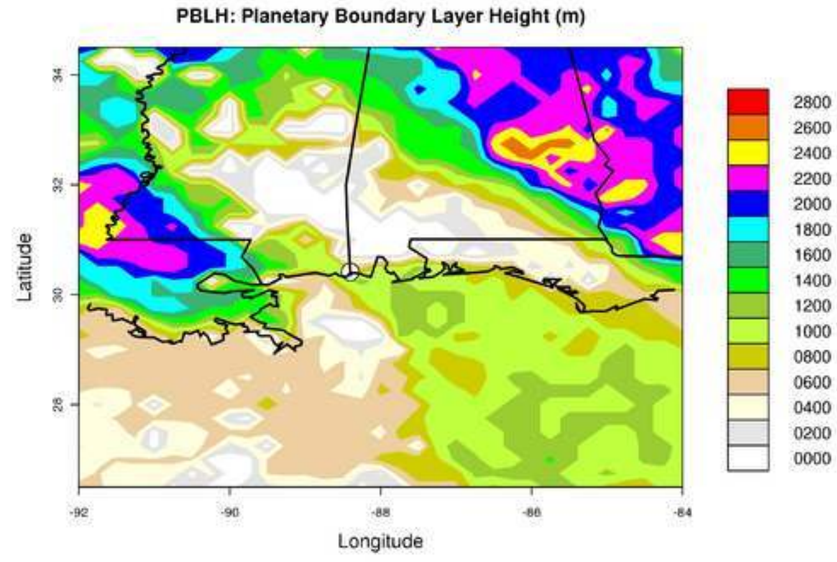

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

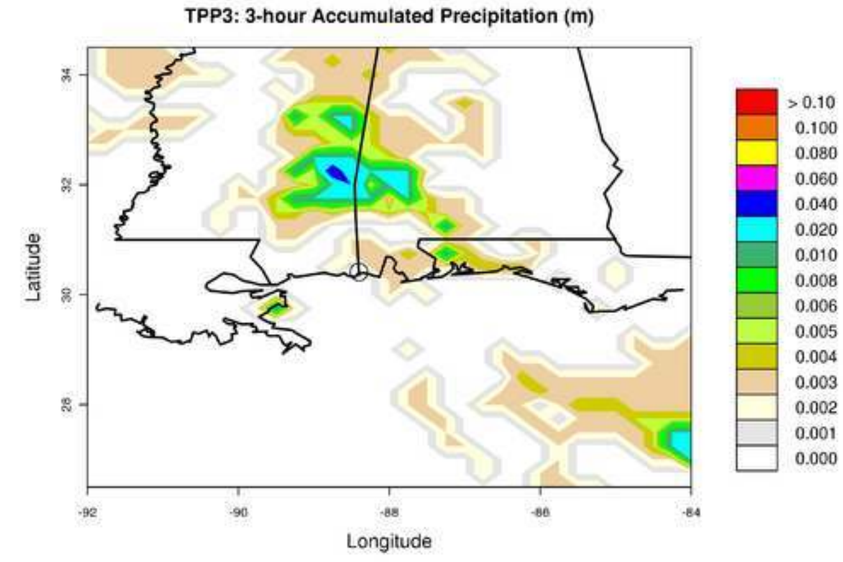

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

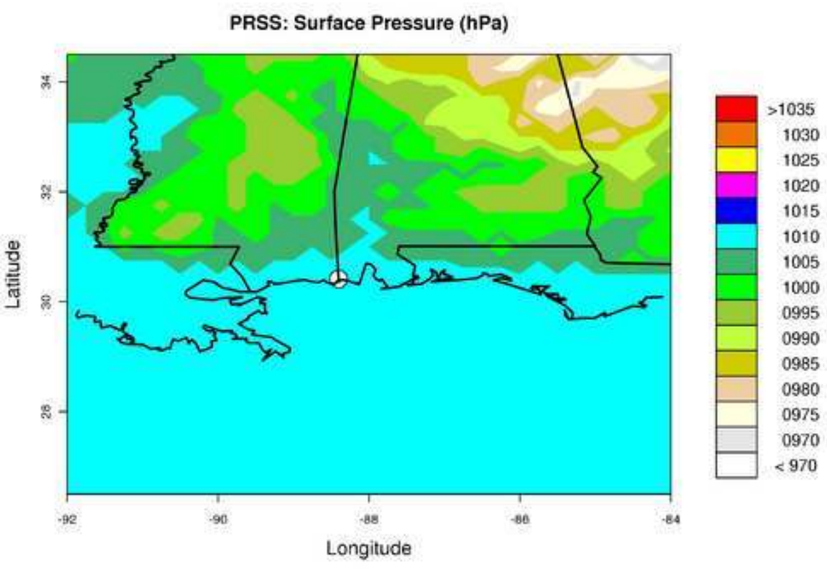

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

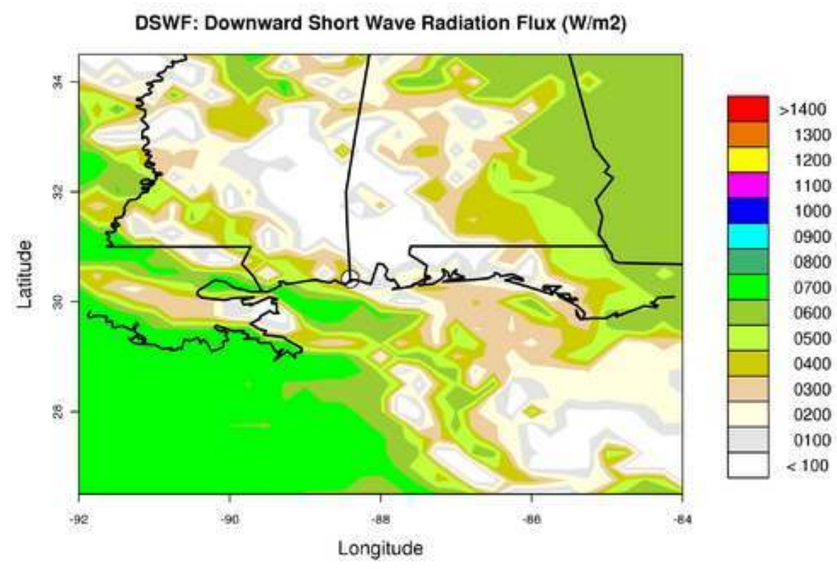

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

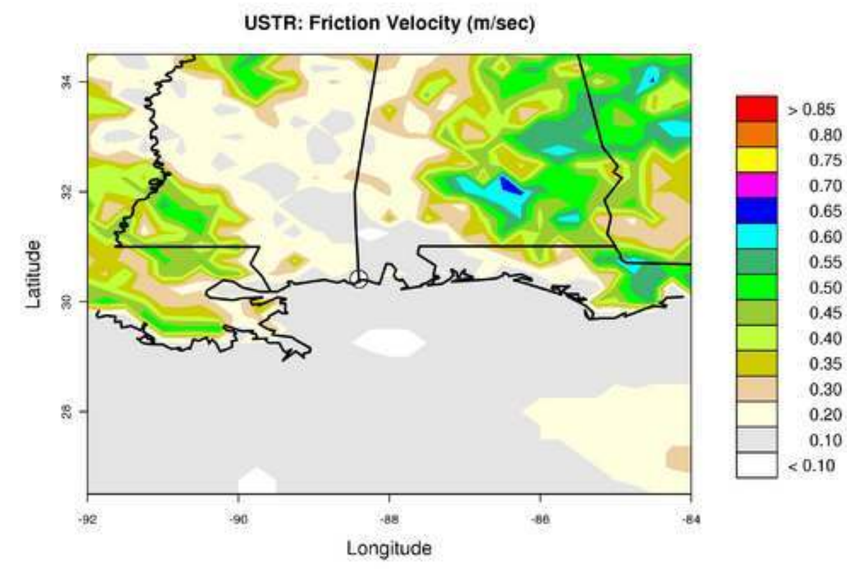

FORECAST for 2010_08_08, local hour = 16
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

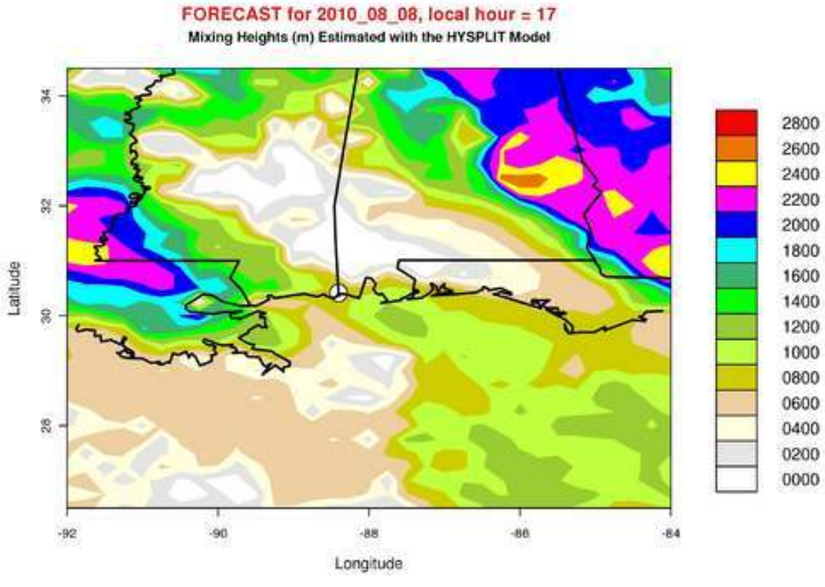

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

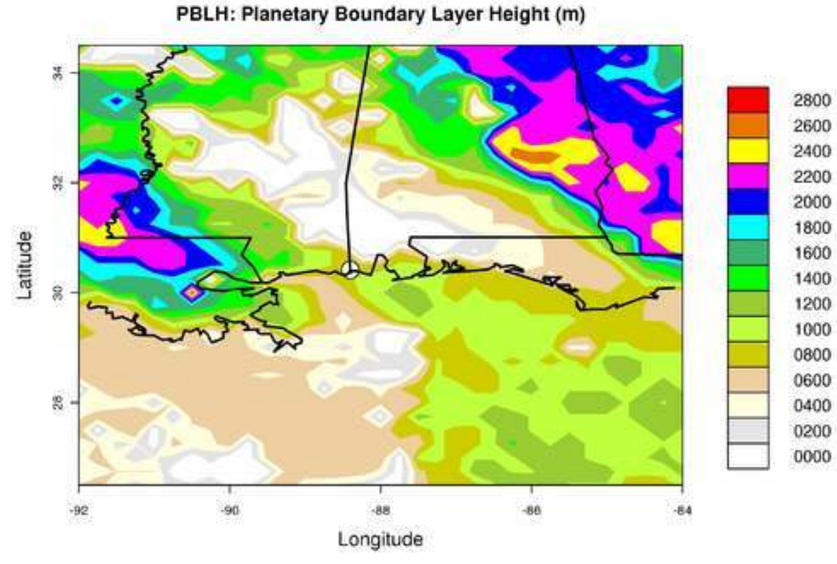

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

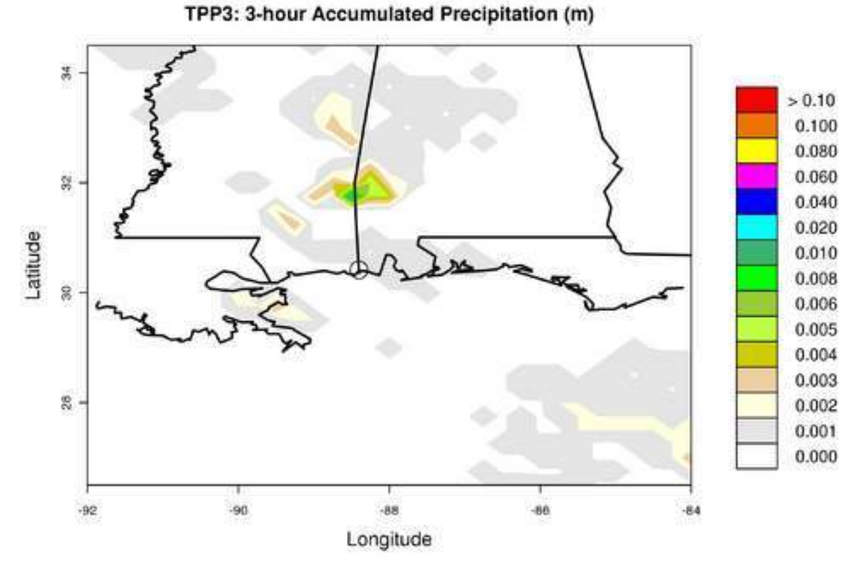

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

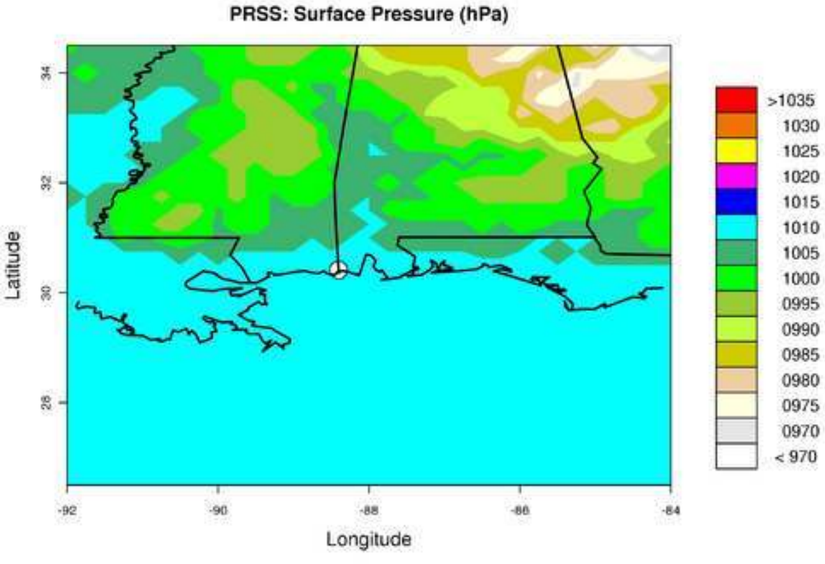

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

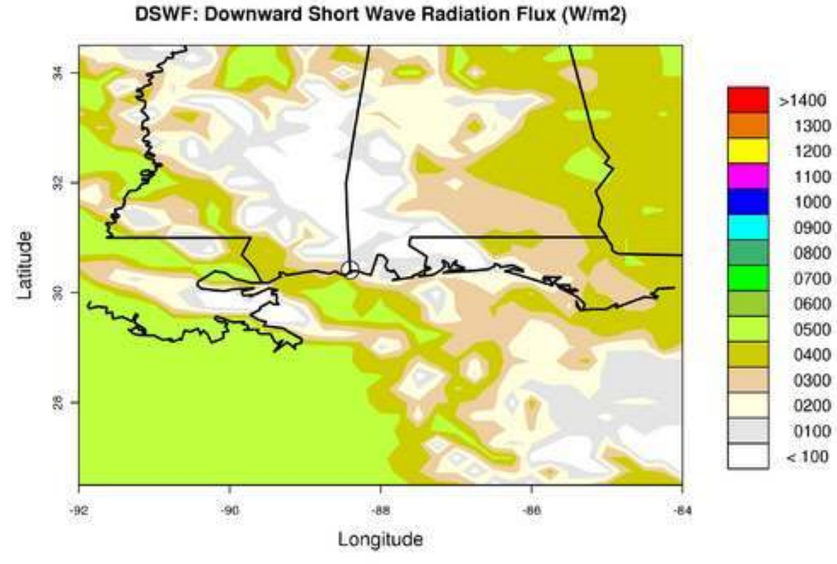

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

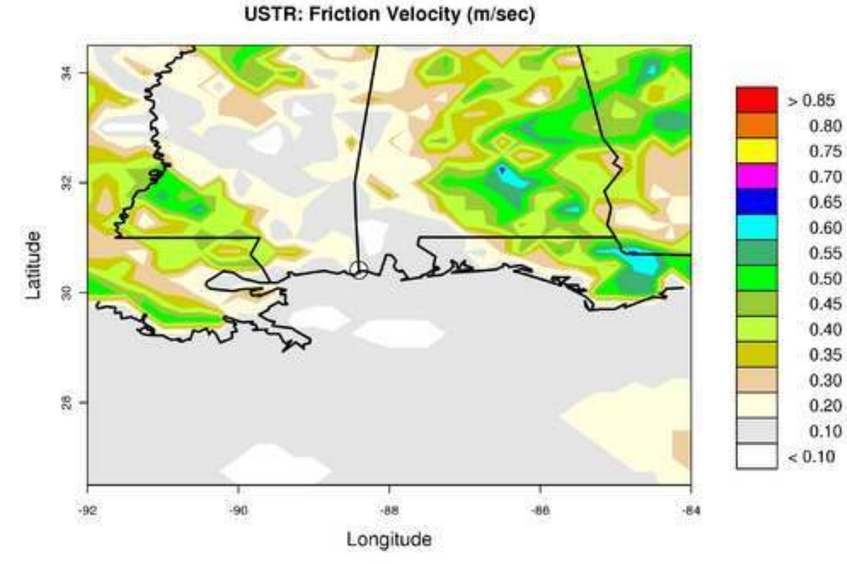

FORECAST for 2010_08_08, local hour = 17
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

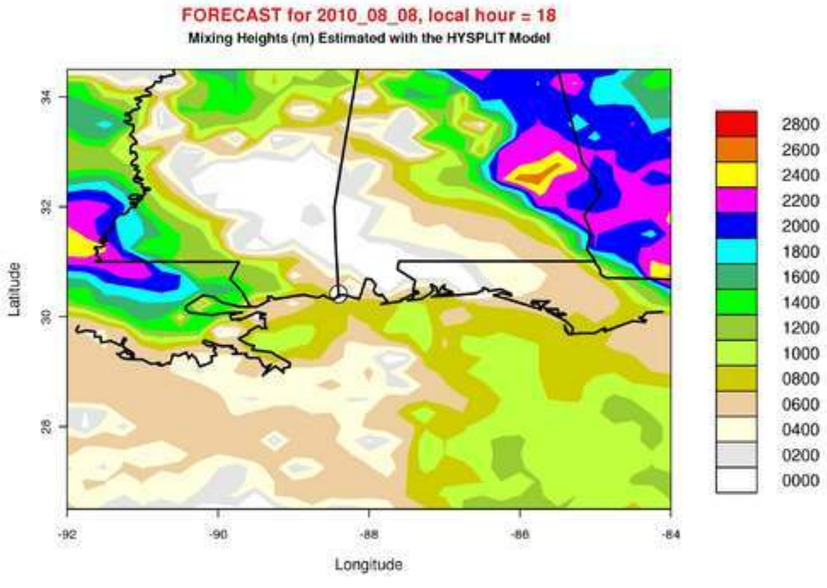

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

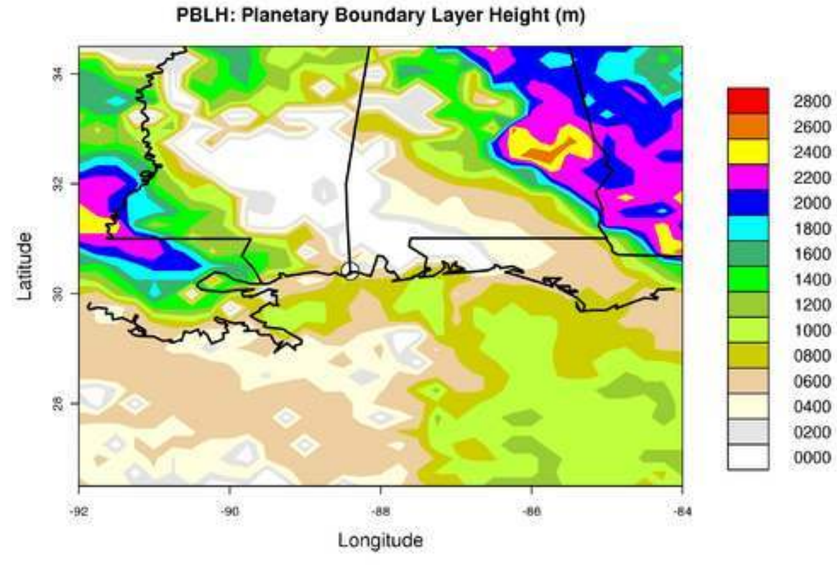

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

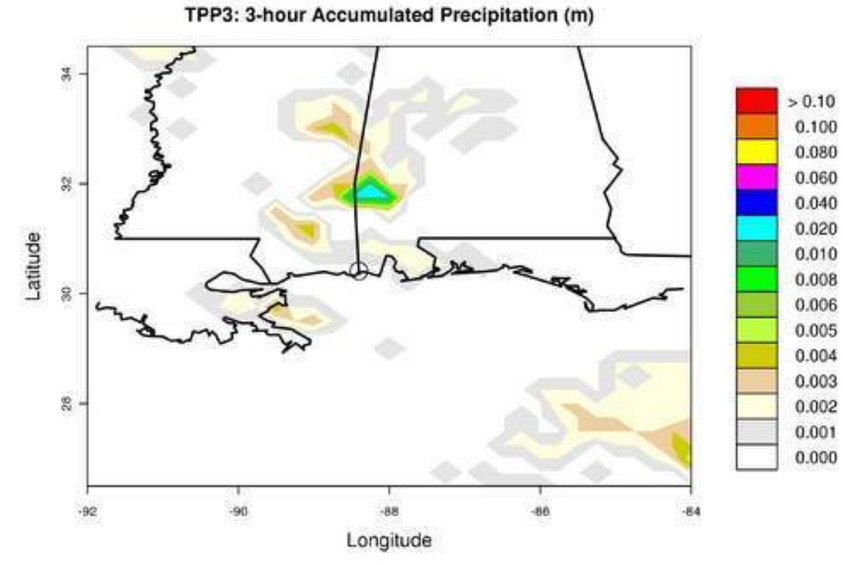

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

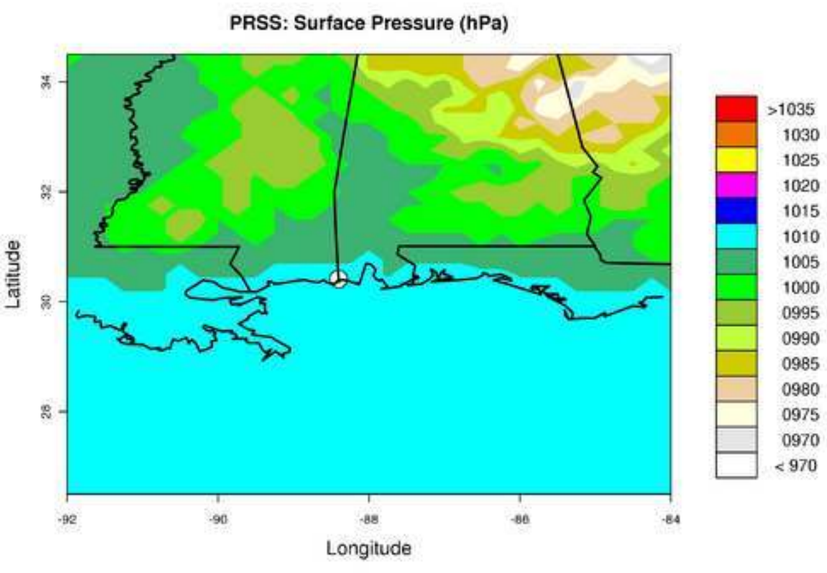

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

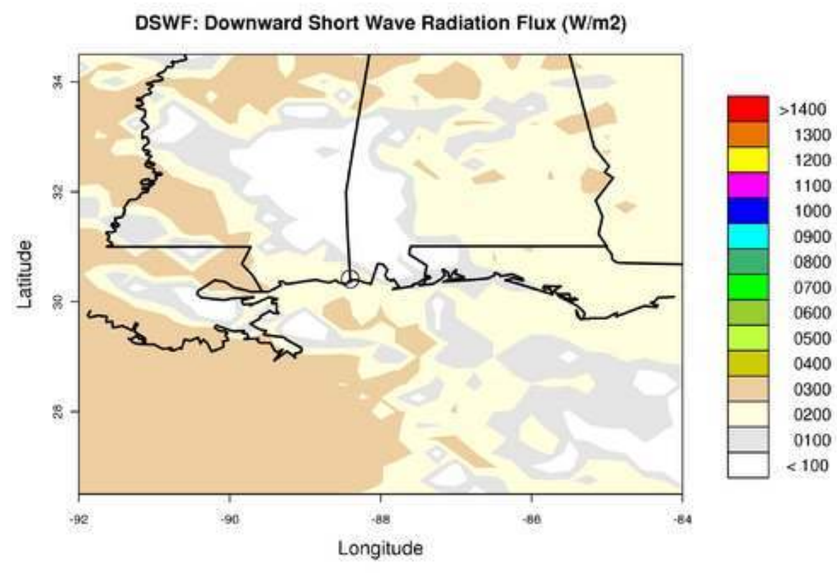

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

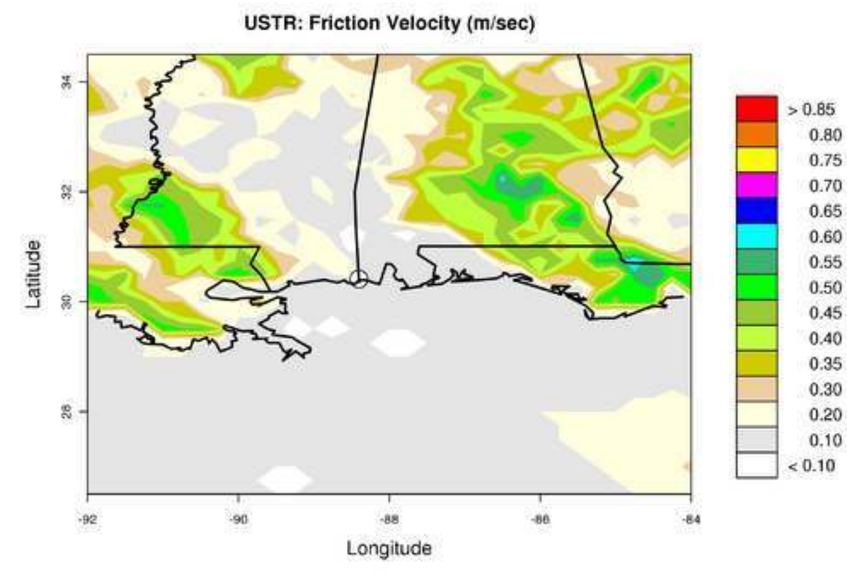

FORECAST for 2010_08_08, local hour = 18
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

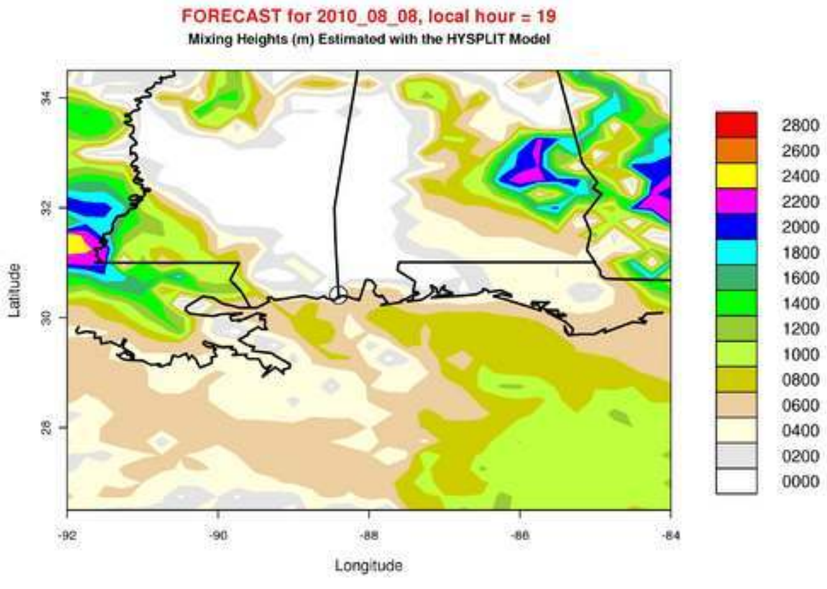

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

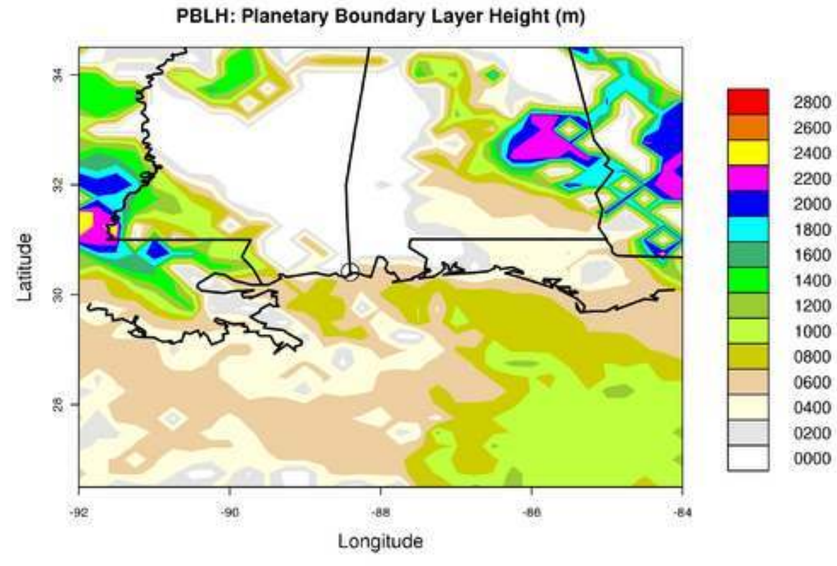

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

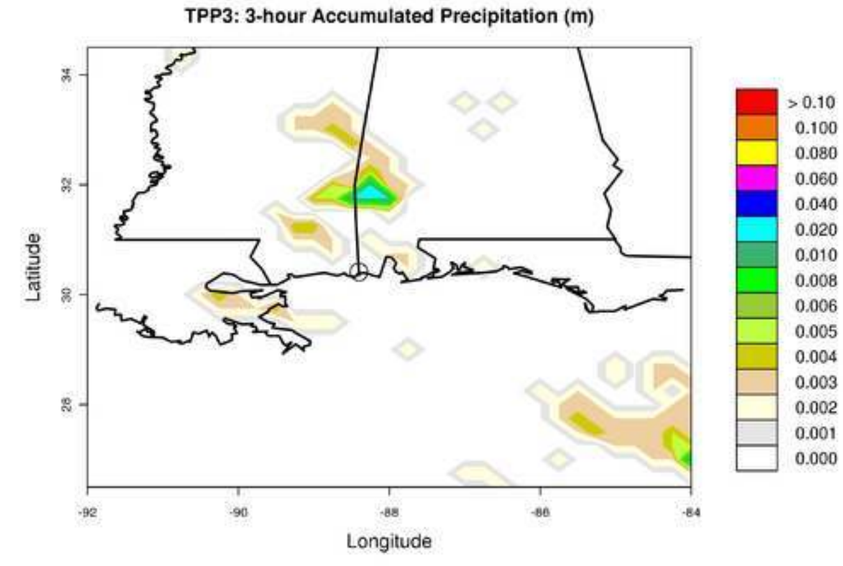

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

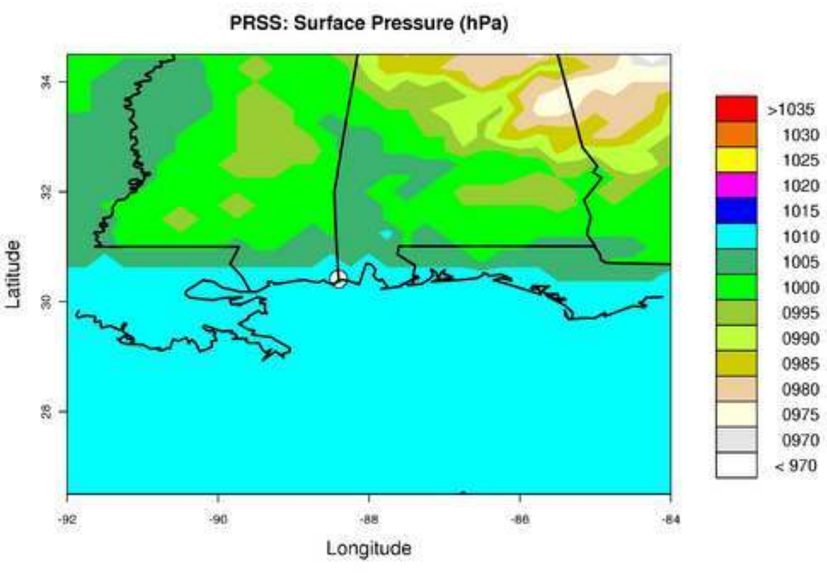

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

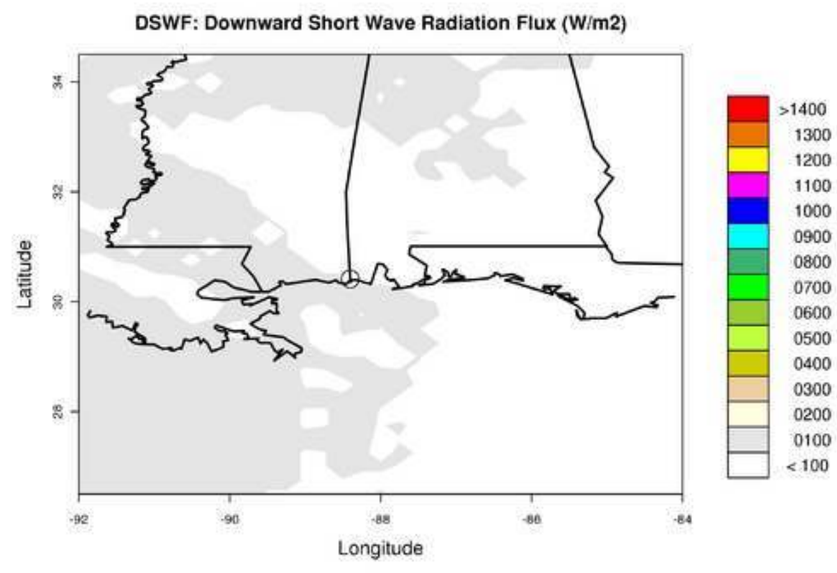

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

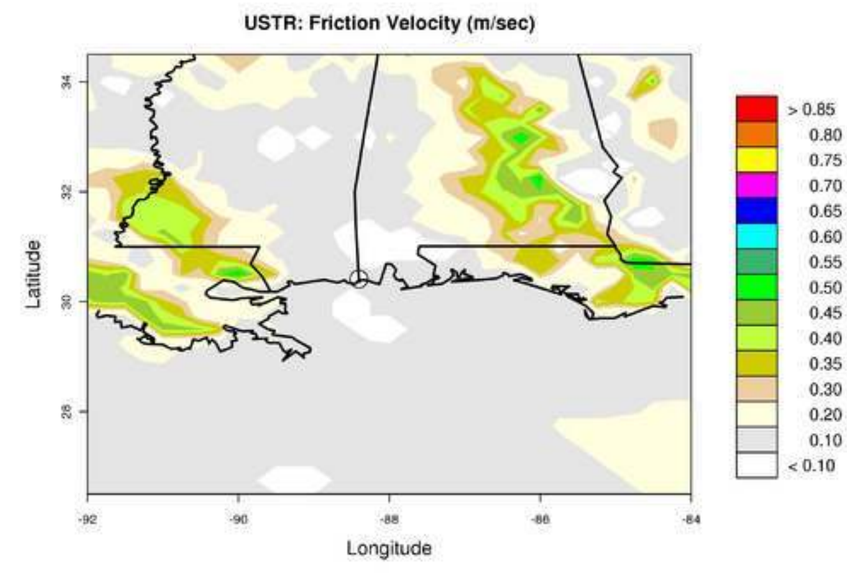

FORECAST for 2010_08_08, local hour = 19
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

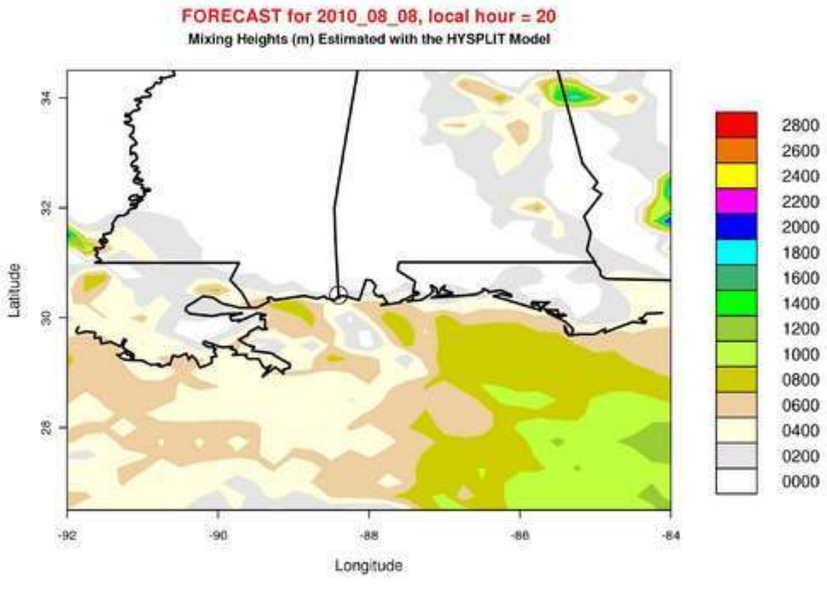

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

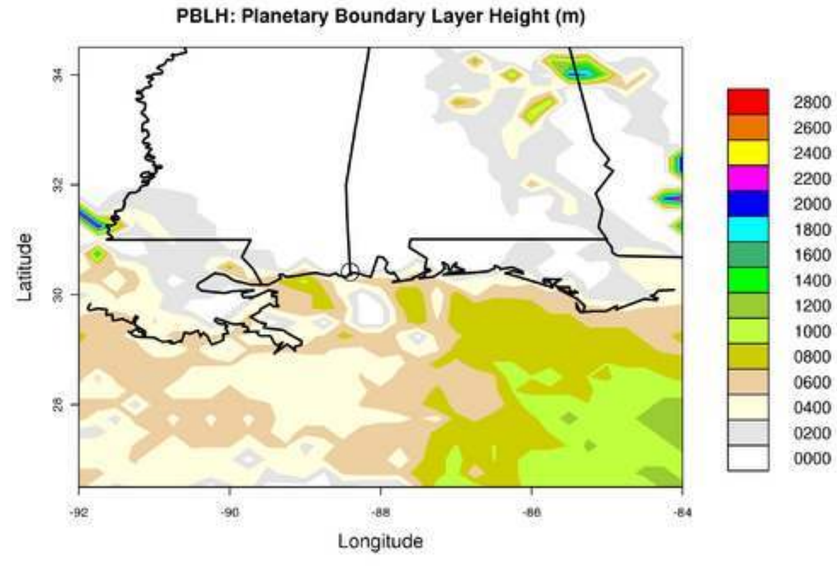

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

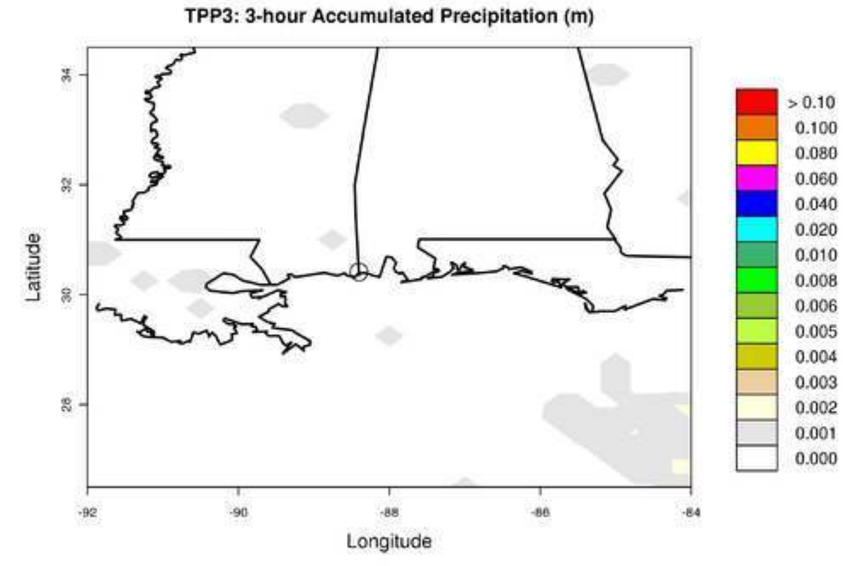

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

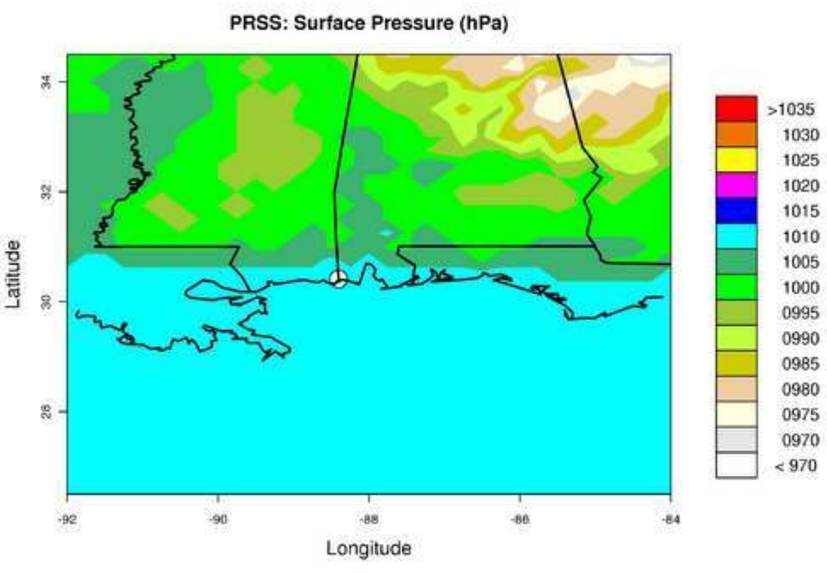

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

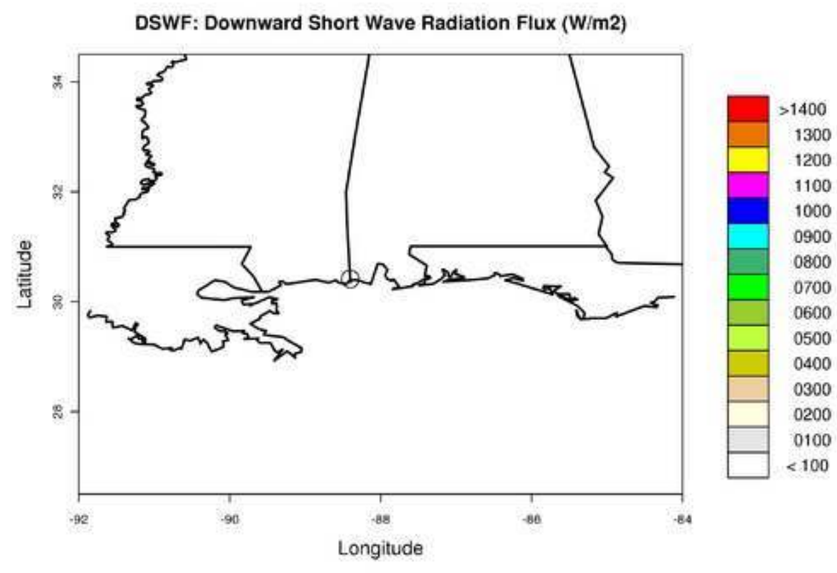

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

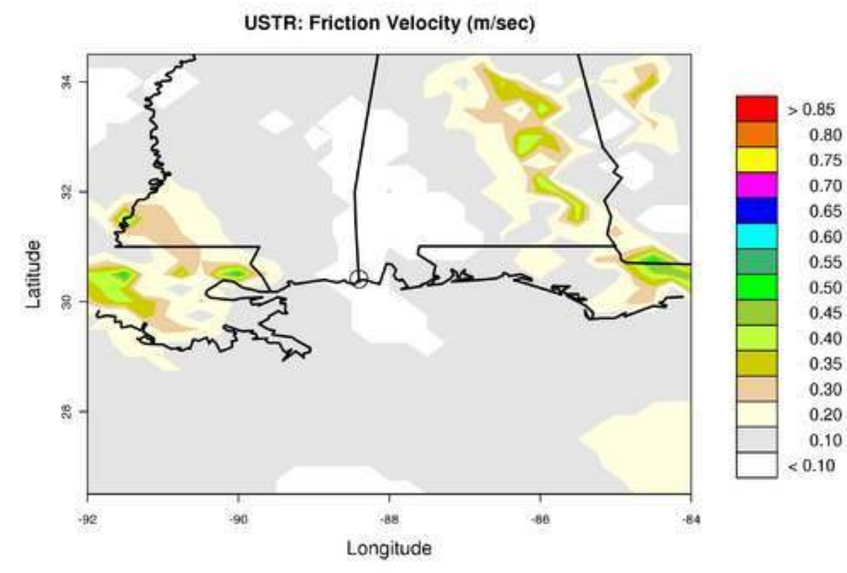

FORECAST for 2010_08_08, local hour = 20
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000


PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000


TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000


PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

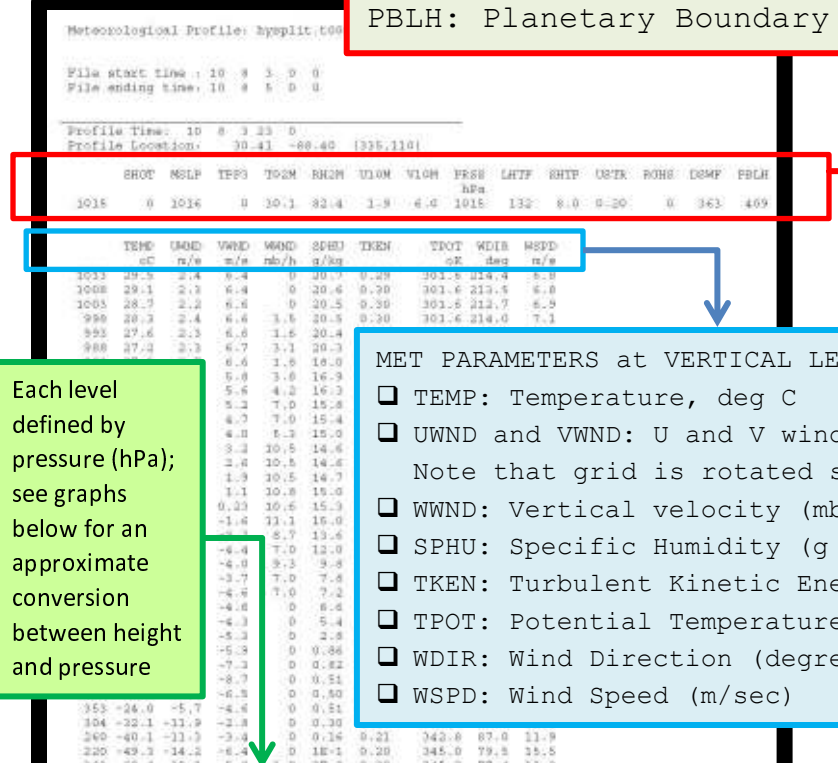

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100


USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

For each hour from 9 AM to 8 PM local time, a printout of the surface and vertical met variables at the Grand Bay NERR follows… (according to the 00-Z forecast)

SURFACE MET PARAMETERS:

PRSS: Surface Pressure (hPa)
SHGT: Surface Height (m)
MSLP: Mean Sea Level Pressure (hPA)
TPP3: 3-hour Accumulated Precipitation (mm)
T02M: Temperature (deg C)at 2 meter height
RH2M: Relative Humidity (percent) at 2 meter height
U10M: U Wind Component (m/sec) at 10 meter height
V10M: V Wind Component (m/sec) at 10 meter height
PRSS: Surface Pressure (hPa)
LHTF: Latent Heat Net Flux (W/m2)
SHTF: Sensible Heat Net Flux (W/m2)
USTR: Friction Velocity (m/sec)
RGHS: Roughness Length (m)
DSWF: Downward Short Wave Radiation Flux (W/m2)
PBLH: Planetary Boundary Layer Height (m)



Meteorological Profile: hysplit.t00

File start time : 10 8 3 0 0
File ending time: 10 8 5 0 0

Profile Time: 10 8 3 23 0
Profile Location: 30.41 -88.40 [335,110]

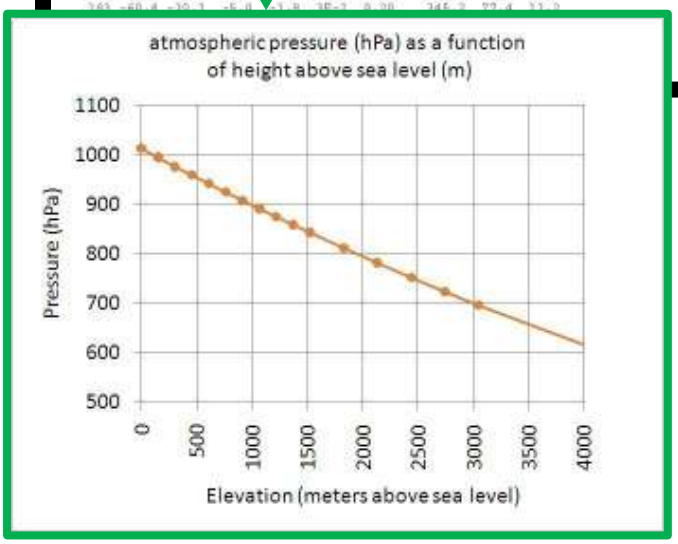
SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1015	0	1016	0	30.1	82.4	1.9	6.0	1015	132	8.0	0.20	0	363	469

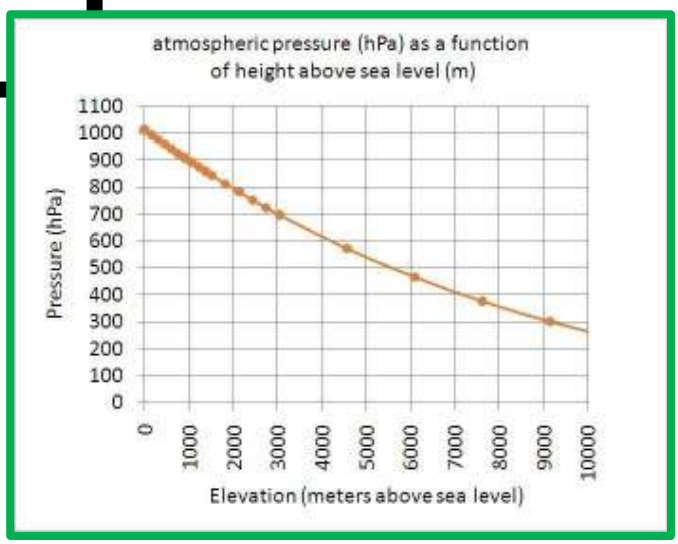
	TEMP cC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT cK	WDIR deg	WSPD m/s
1013	29.5	2.4	6.4	0	20.7	0.29	301.5	214.4	6.8
1008	29.1	2.3	6.4	0	20.6	0.30	301.6	213.5	6.8
1003	28.7	2.2	6.6	0	20.5	0.30	301.6	212.7	6.9
998	28.3	2.4	6.6	1.6	20.5	0.30	301.6	214.0	7.1
993	27.6	2.3	6.6	1.6	20.4				
988	27.3	2.3	6.7	3.1	20.3				
			6.6	1.6	16.0				
			5.8	3.6	16.9				
			5.6	4.2	16.3				
			5.3	7.0	15.8				
			4.7	7.0	15.4				
			4.0	6.3	15.0				
			3.3	10.5	14.6				
			2.6	10.5	14.6				
			1.9	10.5	14.7				
			1.1	10.8	15.0				
			0.23	10.6	15.3				
			-1.6	11.1	15.0				
				8.7	13.6				
			-6.4	7.0	12.0				
			-6.0	9.3	9.8				
			-3.7	7.0	7.6				
			-4.6	7.0	7.2				
			-4.6	0	6.6				
			-4.3	0	5.4				
			-5.3	0	2.8				
			-5.3	0	0.86				
			-7.3	0	0.82				
			-8.7	0	0.51				
			-6.5	0	0.50				
353	-24.0	-5.7	-4.6	0	0.51				
304	-32.1	-11.9	-2.8	0	0.30				
260	-40.1	-11.3	-3.4	0	0.16	0.21	342.8	87.0	11.9
220	-49.3	-14.2	-6.4	0	1E-1	0.20	345.0	79.5	15.5

Each level defined by pressure (hPa); see graphs below for an approximate conversion between height and pressure

MET PARAMETERS at VERTICAL LEVELS ABOVE THE SURFACE:

- ❑ TEMP: Temperature, deg C
- ❑ UWND and VWND: U and V wind components (m/sec);
  Note that grid is rotated so these are not E-W, N-S winds
- ❑ WWND: Vertical velocity (mb/hr) [units of millibars/hr]
- ❑ SPHU: Specific Humidity (g water/kg air)
- ❑ TKEN: Turbulent Kinetic Energy (J/kg)
- ❑ TPOT: Potential Temperature (K)
- ❑ WDIR: Wind Direction (degrees)
- ❑ WSPD: Wind Speed (m/sec)





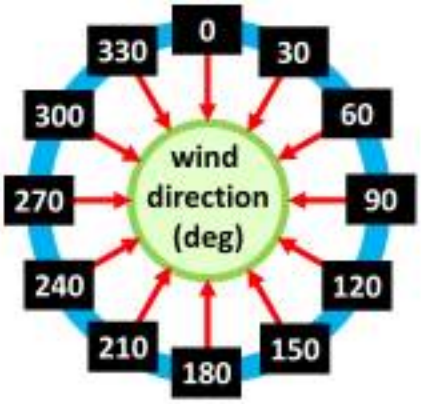
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 8 14 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1014	0	1014	2E-3	30.0	74.0	4.7	0.42	1014	178	14.4	0.17	0	40.0	925

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1012	29.1	5.1	0.39	3.5	18.3	0.50	301.3	279.5	5.1
1007	28.7	5.0	0.37	3.5	18.1	0.51	301.2	279.6	5.0
1002	28.2	5.0	0.45	4.5	18.2	0.59	301.2	278.8	5.0
997	27.8	5.0	0.44	4.4	18.0	0.65	301.2	278.8	5.0
992	27.4	5.0	0.36	7.9	18.0	0.75	301.2	279.8	5.0
987	26.9	5.0	0.42	7.3	18.0	0.75	301.2	279.1	5.0
982	26.5	5.0	0.42	7.8	17.9	0.75	301.2	279.1	5.0
976	26.0	4.9	0.48	11.0	17.8	0.75	301.2	278.2	4.9
971	25.5	4.9	0.41	11.3	17.8	0.75	301.2	279.1	4.9
965	25.1	4.9	0.52	10.9	17.8	0.75	301.3	277.8	4.9
959	24.5	4.8	0.45	12.2	17.6	0.90	301.2	278.5	4.8
953	23.8	4.8	0.51	15.4	17.7	0.75	301.1	277.8	4.8
947	23.3	4.8	0.48	15.8	17.2	0.65	301.1	278.1	4.8
940	23.2	4.1	0.65	15.8	15.2	0.40	301.6	274.9	4.1
933	22.8	3.9	0.87	15.8	14.8	0.30	301.9	271.2	4.0
925	22.4	3.9	0.74	14.6	14.7	0.20	302.2	273.0	3.9
917	21.9	4.1	0.79	14.2	14.4	0.20	302.5	272.9	4.1
895	20.7	4.4	0.89	13.2	13.7	0.20	303.3	272.5	4.5
868	19.0	4.5	1.3	11.1	12.9	0.20	304.2	268.4	4.7
837	17.2	4.5	1.0	7.0	12.0	0.20	305.5	271.1	4.7
804	15.3	4.5	0	0	11.1	0.20	307.0	283.9	4.5
767	13.1	4.1	-1.8	0	10.1	0.20	308.8	307.5	4.5
728	10.7	3.4	-1.8	-7.0	8.9	0.20	310.8	311.7	3.8
687	8.0	2.1	-0.38	-7.0	7.7	0.20	313.0	294.3	2.1
644	4.9	1.5	-0.46	-14.1	6.4	0.20	315.4	300.7	1.6
597	1.6	0.53	-0.97	-14.1	5.3	0.20	318.4	345.2	1.1
549	-1.9	0	-1.8	-14.1	4.8	0.20	321.9	13.9	1.8
501	-5.5	-1.00	-3.0	-16.2	4.7	0.20	326.2	32.4	3.1
452	-10.6	-0.72	-3.3	-9.4	3.6	0.20	329.5	26.3	3.3
402	-16.3	-1.9	-2.3	-10.5	2.4	0.20	333.3	53.8	3.0
352	-22.5	-1.6	1.3	-10.5	1.6	0.20	337.7	143.7	2.0
304	-31.2	0.21	3.0	0	0.70	0.20	340.1	197.9	3.0
259	-39.8	0	2.3	7.0	0.26	0.19	343.4	193.9	2.3
220	-49.1	-0.58	3.9	5.3	0.10	0.23	345.5	185.4	4.0
183	-60.6	-2.8	4.3	-6.2	3E-2	0.20	345.7	160.3	5.1
138	-76.2	-3.4	-4.4	-4.9	1E-2	0.20	347.2	52.0	5.6
88	-65.3	-13.6	-1.1	-0.13	1E-2	0.20	416.5	99.2	13.7
63	-59.2	-18.7	-2.0	-0.22	1E-2	0.20	472.1	97.8	18.8
38	-48.2	-32.5	-5.7	0.86	2E-2	0.20	574.5	94.0	33.0



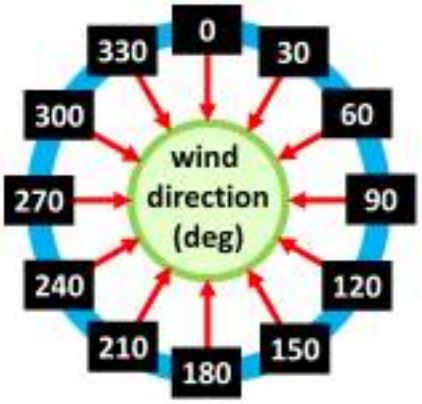
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 8 15 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
								hPa						
1013	0	1014	2E-3	29.9	74.0	4.1	-0.15	1013	172	15.2	0.15	0	320	763

	TEMP	UWND	VWND	WWND	SPHU	TKEN	TPOT	WDIR	WSPD
	oC	m/s	m/s	mb/h	g/kg		oK	deg	m/s
1011	29.0	4.7	-0.17	3.5	18.1	0.35	301.3	285.9	4.7
1006	28.6	4.8	-0.19	4.4	18.0	0.35	301.3	286.1	4.8
1001	28.2	4.7	-0.11	4.8	17.9	0.33	301.2	285.2	4.7
996	27.7	4.7	-0.12	5.5	17.9	0.33	301.2	285.3	4.7
991	27.3	4.7	0	9.7	17.9	0.33	301.2	283.9	4.7
986	26.8	5.0	-0.14	9.7	17.8	0.33	301.2	285.5	5.0
981	26.4	5.0	-1E-1	9.7	17.8	0.20	301.2	285.0	5.0
975	25.9	4.9	0	10.5	17.8	0.20	301.2	283.9	4.9
970	25.4	4.9	0	11.4	17.7	0.20	301.2	283.9	4.9
964	25.0	5.0	0	14.9	17.7	0	301.2	283.9	5.0
958	24.5	4.9	1E-1	14.1	16.9	0	301.2	283.0	4.9
952	23.9	4.9	0.16	18.5	16.7	0.50	301.2	282.0	4.9
946	24.0	4.6	0.64	16.4	15.5	0.25	301.9	275.9	4.7
939	23.8	4.1	0.97	19.3	14.8	0.15	302.3	270.5	4.2
932	23.3	4.5	0.74	19.4	14.5	0.25	302.5	274.6	4.6
924	23.0	4.7	0.94	19.4	14.3	0.30	302.9	272.6	4.8
916	22.5	4.9	1.1	18.6	13.9	0.15	303.2	271.2	5.0
894	21.2	5.7	1.5	13.9	13.3	0.20	303.9	268.7	5.9
867	19.5	6.1	1.7	11.4	12.5	0.20	304.8	268.0	6.4
837	17.5	5.9	1.6	7.6	11.8	0.20	305.9	269.0	6.1
803	15.5	5.4	0	3.5	11.0	0.20	307.3	283.9	5.4
766	13.3	4.6	-2.0	3.5	10.1	0.20	309.1	306.9	5.0
728	11.0	3.7	-2.2	5.7	8.9	0.20	311.2	314.0	4.3
687	8.1	2.4	-1.0	7.0	7.6	0.20	313.2	306.8	2.6
643	5.1	1.7	-0.72	7.0	6.4	0.20	315.7	306.2	1.9
597	1.7	1.2	-0.78	15.8	5.2	0.20	318.6	317.8	1.4
549	-2.4	0.62	-1.0	8.8	5.0	0.20	321.4	342.7	1.2
500	-5.9	-1.5	-1.2	7.0	4.7	0.20	325.9	65.2	2.0
451	-10.4	-1.4	-1.5	8.8	3.6	0.20	329.9	56.0	2.0
402	-16.0	-2.3	-0.74	6.7	2.4	0.20	333.9	86.3	2.5
352	-22.5	-0.70	1.3	2.2	1.4	0.20	337.9	164.5	1.4
304	-31.1	0.76	2.0	3.1	0.59	0.20	340.3	215.0	2.1
259	-39.5	-0.33	0	5.3	0.22	0.19	343.8	103.9	0.3
220	-48.9	-0.30	1.9	3.5	1E-1	0.22	345.9	184.7	1.9
183	-60.6	-2.6	2.3	-2.6	4E-2	0.20	345.7	145.2	3.4
138	-75.6	-4.9	-4.4	0	1E-2	0.20	348.3	61.7	6.6
88	-66.4	-12.3	-1.3	-0.41	1E-2	0.20	414.5	97.6	12.4
63	-59.9	-16.4	-1.1	0.20	1E-2	0.20	470.5	100.1	16.5
38	-47.8	-33.2	-5.3	0.51	2E-2	0.20	575.6	94.8	33.6



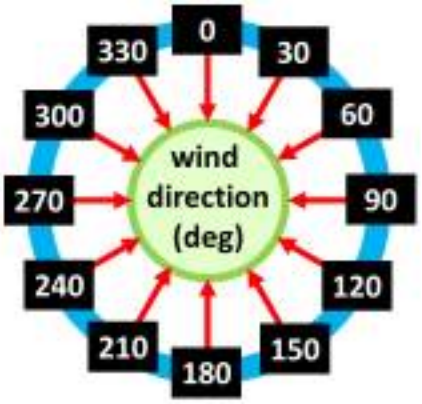
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 8 16 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1014	0	1015	0	29.7	76.0	3.4	-0.70	1014	152	14.1	0.13	0	855	508

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1011	28.8	3.7	-0.76	0	18.6	0.33	301.0	295.4	3.8
1006	28.4	3.8	-0.81	0	18.5	0.30	301.0	295.9	3.9
1002	28.0	3.8	-0.74	1.8	18.5	0.30	301.0	295.0	3.9
997	27.6	3.7	-0.82	2.6	18.4	0.28	301.1	296.3	3.8
992	27.1	4.0	-0.74	3.5	18.3	0.28	301.0	294.5	4.0
986	26.7	4.0	-0.71	2.6	18.3	0.25	301.0	294.0	4.0
981	26.2	4.0	-0.79	6.2	18.1	0.25	301.0	295.0	4.0
976	25.8	3.9	-0.78	3.5	18.1	0.25	301.0	295.1	4.0
970	25.7	4.1	-0.64	3.8	16.9	0.25	301.5	292.7	4.2
965	25.5	4.2	-0.56	4.4	16.2	0	301.7	291.4	4.3
959	25.3	4.6	-0.22	1.8	15.5	0	302.0	286.7	4.6
953	25.0	4.6	0	0	15.1	0	302.3	283.9	4.6
946	24.7	4.5	0.17	2.0	14.7	0	302.6	281.7	4.5
940	24.2	4.3	0.11	0	14.5	0	302.7	282.5	4.3
933	23.9	4.9	0.28	0	14.3	0.25	303.0	280.5	4.9
925	23.5	5.0	0.40	-2.0	14.2	0.25	303.3	279.2	5.0
916	22.9	5.2	0.48	-3.1	13.8	0.25	303.6	278.6	5.3
895	21.5	5.9	0.79	0	13.3	0.20	304.2	276.2	6.0
868	19.7	6.6	0.80	0	12.5	0.20	305.0	276.9	6.6
837	17.5	6.4	0.34	0	12.0	0.20	305.8	280.8	6.4
803	15.4	5.4	-1.2	0	11.4	0.20	307.2	296.8	5.6
767	13.4	4.5	-2.9	0	10.5	0.20	309.2	316.3	5.3
728	11.0	2.9	-2.9	0	9.2	0.20	311.2	328.9	4.1
687	8.3	2.1	-1.2	-2.3	7.7	0.20	313.4	313.3	2.4
643	5.4	1.5	-0.72	-2.1	6.3	0.20	316.0	309.2	1.7
597	2.0	1.3	-0.48	0	5.2	0.20	318.9	305.0	1.3
549	-2.2	1.1	0.22	-2.0	5.1	0.20	321.6	272.2	1.1
500	-5.6	-0.91	1.1	2.0	4.6	0.20	326.1	153.5	1.4
452	-10.3	-0.92	0.62	-1.8	3.5	0.20	330.0	138.0	1.1
402	-16.0	-1.9	0.42	-3.9	2.4	0.20	333.8	116.7	1.9
352	-22.7	0	1.1	0	1.5	0.20	337.6	193.9	1.1
304	-31.2	0.86	0	0	0.59	0.20	340.2	283.9	0.9
259	-39.6	-0.61	-2.1	1.8	0.26	0.19	343.7	29.7	2.2
220	-48.9	0.33	-0.28	0	0.10	0.19	345.8	323.8	0.4
183	-60.6	-1.7	1.2	-3.5	4E-2	0.20	345.7	139.1	2.1
138	-74.9	-5.7	-6.3	0.62	1E-2	0.20	349.4	56.1	8.5
88	-67.0	-10.3	1.0	0.83	1E-2	0.20	413.2	109.4	10.4
63	-59.6	-17.4	-1.1	-0.19	1E-2	0.20	471.3	100.1	17.4
38	-47.1	-33.6	-5.6	0.53	2E-2	0.20	577.3	94.3	34.0



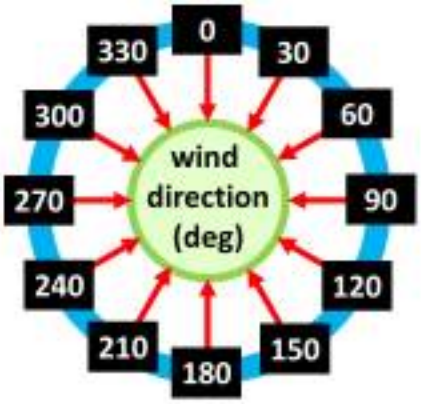
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 8 17 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1015	0	1014	0	29.7	76.7	2.7	-1.2	1015	142	11.7	0.11	0	921	765

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1012	29.1	3.0	-1.3	0	19.0	0.25	301.2	307.3	3.3
1007	28.7	3.1	-1.4	2.6	18.8	0.25	301.2	307.7	3.3
1002	28.2	3.0	-1.4	3.5	18.8	0.50	301.2	308.3	3.3
998	27.8	3.1	-1.3	2.6	18.8	0.50	301.2	307.3	3.4
993	27.4	3.2	-1.2	3.5	18.8	0.50	301.2	305.2	3.4
987	26.9	3.2	-1.2	3.5	18.7	0.50	301.2	305.2	3.4
982	26.5	3.1	-1.3	3.7	18.7	0.50	301.2	306.9	3.3
977	26.0	3.1	-1.3	7.2	18.6	0.50	301.2	306.3	3.3
971	25.8	3.3	-1.3	4.0	16.7	0	301.4	304.8	3.5
966	25.6	3.9	-1.0	7.2	15.8	0	301.7	298.3	4.0
960	25.3	4.3	-0.95	4.8	15.5	0	302.0	296.4	4.4
954	24.8	4.2	-0.91	6.8	15.4	0	302.1	296.2	4.3
947	24.5	4.5	-0.84	4.8	15.1	0	302.3	294.5	4.6
940	24.1	4.4	-0.76	5.4	15.0	0	302.6	293.6	4.5
933	23.6	4.7	-0.55	2.2	14.8	0	302.7	290.5	4.8
926	23.2	4.9	-0.48	2.8	14.7	0	303.0	289.5	4.9
917	22.7	5.1	-0.32	3.2	14.3	0	303.3	287.5	5.1
896	21.3	5.6	0	4.4	13.8	0.20	303.9	283.9	5.6
869	19.5	6.2	0.30	3.5	13.1	0.20	304.7	281.1	6.2
838	17.4	6.3	-0.37	2.7	12.2	0.20	305.7	287.3	6.3
804	15.4	5.2	-1.9	2.0	11.6	0.20	307.2	303.4	5.6
767	13.2	3.9	-3.2	2.3	10.6	0.20	308.9	323.2	5.0
729	10.9	2.4	-3.4	0	9.4	0.20	311.0	338.3	4.1
688	8.1	1.8	-1.5	-3.5	8.0	0.20	313.1	323.9	2.4
644	5.1	1.6	-0.95	-3.5	6.6	0.20	315.6	313.9	1.9
598	1.7	1.3	-0.13	-7.0	5.4	0.20	318.5	289.5	1.3
550	-2.3	1.6	1.9	-3.5	5.0	0.20	321.4	233.7	2.5
501	-5.7	0.68	3.0	-2.0	4.6	0.20	326.0	206.5	3.1
452	-10.4	0.89	2.2	0	3.4	0.20	329.7	216.2	2.3
402	-16.0	-0.70	2.1	0	2.3	0.20	333.7	175.5	2.2
353	-22.6	0.70	1.9	2.7	1.4	0.20	337.5	214.1	2.0
304	-31.1	0.96	-0.99	3.5	0.65	0.20	340.3	329.5	1.4
259	-39.5	0	-4.0	0	0.35	0.19	343.7	13.9	4.0
220	-48.9	0.86	-2.2	0	0.12	0.21	345.8	352.3	2.4
183	-60.7	-0.59	1.3	-4.4	4E-2	0.20	345.4	169.5	1.4
138	-74.8	-6.3	-6.2	-0.40	1E-2	0.20	349.5	59.4	8.9
88	-66.5	-11.7	1E-1	-0.23	1E-2	0.20	414.0	104.3	11.7
63	-60.1	-16.9	-0.54	0.67	1E-2	0.20	469.9	102.0	16.9
38	-45.9	-33.6	-5.5	-0.37	3E-2	0.20	580.1	94.5	34.1



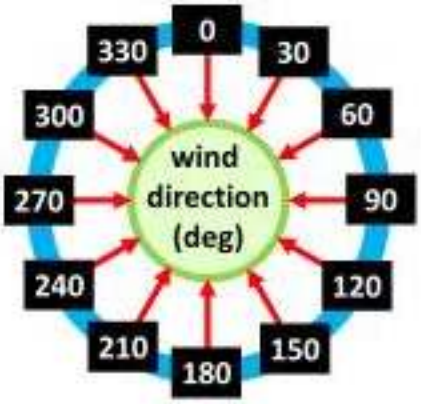
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 8 18 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1015	0	1014	0	30.0	75.3	2.0	-1.5	1015	133	10.0	0.11	0	705	766

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1013	29.2	2.4	-1.6	3.5	18.9	0.28	301.3	317.4	2.9
1008	28.8	2.5	-1.6	3.5	18.7	0.28	301.3	317.1	3.0
1003	28.4	2.5	-1.7	3.5	18.7	0.28	301.3	317.8	3.0
998	28.0	2.5	-1.8	2.6	18.6	0.28	301.3	319.3	3.0
993	27.5	2.5	-1.7	3.2	18.6	0.40	301.3	318.1	3.0
988	27.0	2.7	-1.7	3.6	18.6	0.40	301.2	316.2	3.1
983	26.6	2.6	-1.6	6.6	18.6	0	301.3	316.1	3.1
977	26.1	2.5	-1.7	7.1	18.5	0	301.2	317.7	3.1
972	25.9	2.7	-1.8	6.4	17.0	0	301.5	317.4	3.2
966	25.4	3.5	-1.5	6.7	16.4	0	301.6	307.2	3.8
960	25.0	3.4	-1.6	5.3	16.2	0	301.7	308.5	3.7
954	24.7	3.8	-1.5	7.2	15.9	0	301.8	305.1	4.1
948	24.4	4.1	-1.5	5.6	15.6	0	302.2	304.5	4.4
941	24.0	4.3	-1.4	7.3	15.4	0	302.4	302.3	4.5
934	23.6	4.6	-1.3	6.4	15.1	0	302.6	299.5	4.8
926	23.2	4.7	-1.2	6.4	15.0	0	302.9	298.2	4.8
918	22.6	4.9	-0.83	5.4	14.6	0	303.1	293.5	5.0
896	21.3	5.1	-0.47	4.0	14.0	0.20	303.8	289.1	5.1
869	19.6	5.9	-0.24	0	13.1	0.20	304.7	286.2	5.9
838	17.6	6.0	-0.75	-3.5	12.4	0.20	305.8	291.0	6.0
804	15.4	4.8	-2.4	-7.0	11.6	0.20	307.1	310.3	5.4
768	13.2	3.3	-3.8	-7.0	10.5	0.20	308.8	332.6	5.0
729	10.9	1.9	-3.7	-3.5	9.3	0.20	310.9	346.0	4.2
688	8.0	1.3	-2.1	-7.0	8.2	0.20	312.9	341.1	2.5
644	4.9	1.5	-1.6	-3.5	6.8	0.20	315.3	331.8	2.2
598	1.4	1.4	-0.44	-3.5	5.6	0.20	318.1	301.3	1.5
550	-2.6	2.4	2.2	-3.5	5.0	0.20	321.0	241.5	3.2
501	-5.8	2.5	3.1	-3.5	4.7	0.20	325.7	232.3	4.0
452	-10.7	2.2	2.4	3.5	3.3	0.20	329.4	235.8	3.3
403	-15.9	0.38	2.4	3.5	2.2	0.20	333.7	202.9	2.4
353	-22.7	1.0	1.9	0	1.4	0.20	337.4	221.8	2.2
304	-31.1	0.60	-1.4	0	0.76	0.20	340.1	350.9	1.5
259	-38.9	-1.0	-5.0	-12.1	0.38	0.17	344.5	25.4	5.1
220	-48.8	0	-4.2	-7.0	0.14	0.21	345.8	13.9	4.2
183	-60.7	-0.59	0.28	-5.9	4E-2	0.20	345.4	129.5	0.7
138	-74.0	-6.7	-4.8	0	1E-2	0.20	350.9	68.2	8.2
88	-66.4	-10.9	-0.97	0.36	1E-2	0.20	414.1	98.8	10.9
63	-59.7	-15.7	-1.8	0.31	1E-2	0.20	470.8	97.1	15.8
38	-46.7	-33.6	-5.0	-0.17	3E-2	0.20	578.0	95.5	34.0



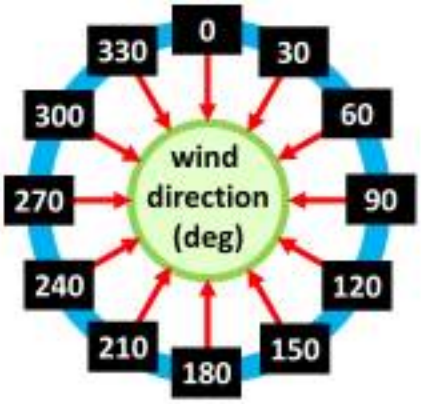
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 8 19 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1015	0	1014	0	30.1	73.2	1.5	-1.7	1015	128	8.3	1E-1	0	507	473

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1013	29.4	1.8	-1.8	3.5	18.5	0.15	301.4	328.7	2.6
1008	28.9	1.7	-1.9	0	18.4	0.15	301.4	331.1	2.6
1003	28.5	1.8	-1.9	3.5	18.4	0.15	301.4	331.0	2.6
998	28.0	1.8	-1.9	1.8	18.3	0.15	301.3	331.3	2.6
993	27.6	1.9	-1.9	3.5	18.2	0.15	301.4	329.1	2.7
988	27.2	1.8	-1.9	5.3	18.2	0.30	301.3	329.0	2.6
983	26.7	1.9	-1.9	5.3	18.2	0.30	301.3	329.3	2.6
978	26.4	1.8	-1.9	3.1	18.1	0.30	301.5	330.1	2.6
972	25.8	1.9	-1.8	3.3	18.0	0.30	301.3	326.7	2.7
967	25.4	2.3	-1.8	4.2	17.6	0.30	301.4	321.7	2.9
961	25.0	2.5	-1.9	3.5	17.1	0.30	301.6	321.4	3.1
955	24.8	3.1	-2.0	3.5	16.2	0.30	302.0	316.5	3.7
948	24.4	3.8	-2.1	3.9	15.7	0.20	302.1	313.0	4.3
941	24.2	4.0	-1.9	0	15.4	0.20	302.5	309.0	4.4
934	23.8	4.3	-1.9	0	15.1	0.20	302.8	307.4	4.7
927	23.3	4.3	-1.6	2.8	14.8	0.20	303.0	304.5	4.6
918	22.7	4.5	-1.4	0	14.6	0.20	303.2	301.0	4.7
896	21.3	5.2	-1.0	-1.8	14.0	0.20	303.8	294.8	5.3
869	19.6	5.8	-0.86	-5.3	13.2	0.20	304.7	292.4	5.8
839	17.5	6.0	-1.4	-7.0	12.4	0.20	305.6	297.0	6.1
805	15.1	4.9	-2.6	-3.5	11.7	0.20	306.8	312.2	5.5
768	13.0	2.8	-3.9	0	10.6	0.20	308.6	338.3	4.8
729	10.7	1.4	-3.8	-3.9	9.4	0.20	310.7	353.5	4.1
688	7.9	1.2	-2.4	0	8.2	0.20	312.8	347.9	2.7
644	4.8	1.1	-2.1	0	7.0	0.20	315.2	345.7	2.4
598	1.3	1.4	-0.57	0	5.6	0.20	317.9	305.5	1.6
550	-2.4	3.1	1.9	7.0	4.9	0.20	321.2	252.1	3.7
501	-5.7	4.2	2.4	7.0	4.1	0.20	325.8	254.3	4.8
452	-10.5	3.3	2.3	3.5	3.0	0.20	329.6	249.1	4.0
403	-15.9	1.4	2.6	0	2.3	0.20	333.8	223.2	2.9
353	-22.8	1.4	2.1	0	1.5	0.20	337.3	226.3	2.5
304	-30.9	0.45	-1.4	-7.0	0.79	0.19	340.5	355.9	1.5
260	-39.4	-0.84	-4.8	-15.8	0.37	0.20	343.8	23.8	4.9
220	-48.8	-0.67	-5.3	-14.8	0.14	0.20	345.8	21.2	5.3
183	-60.7	-0.34	-0.90	-10.4	4E-2	0.20	345.4	34.4	1.0
138	-74.1	-5.5	-3.6	-1.8	1E-2	0.20	350.7	70.7	6.6
88	-66.5	-11.5	-1.5	0.10	1E-2	0.20	413.9	96.6	11.6
63	-59.4	-17.5	-2.5	-0.11	1E-2	0.20	471.3	95.8	17.7
38	-46.6	-32.4	-5.4	1E-1	3E-2	0.20	578.1	94.3	32.8



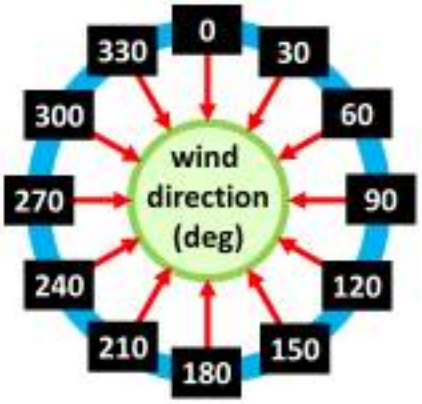
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 8 20 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1015	0	1014	0	30.2	73.0	1.3	-2.1	1015	138	6.8	1E-1	0	456	858

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1013	29.4	1.5	-2.1	2.1	18.4	0.28	301.5	339.5	2.6
1008	29.0	1.4	-2.2	0	18.3	0.28	301.5	341.2	2.6
1003	28.5	1.5	-2.1	2.3	18.3	0.28	301.4	339.1	2.6
998	28.1	1.4	-2.2	1.9	18.3	0.28	301.4	341.4	2.6
993	27.7	1.4	-2.1	4.1	18.2	0.40	301.4	339.7	2.5
988	27.3	1.5	-2.1	2.3	18.2	0.30	301.5	338.4	2.6
983	26.8	1.5	-2.1	3.9	18.2	0.30	301.4	338.0	2.6
978	26.4	1.5	-2.2	3.6	18.2	0.30	301.5	339.5	2.6
972	25.8	1.5	-2.2	3.5	18.0	0.30	301.4	339.7	2.6
966	25.4	1.5	-2.0	3.5	18.0	0.30	301.5	336.6	2.5
960	24.9	1.4	-2.1	3.1	17.4	0.20	301.5	339.2	2.5
954	24.8	2.6	-2.3	3.5	16.0	0.20	302.0	325.2	3.5
948	24.3	3.0	-2.3	0	15.7	0.20	302.0	321.5	3.8
941	24.0	3.4	-2.4	2.2	15.4	0.20	302.3	319.4	4.2
934	23.5	3.9	-2.3	2.5	15.1	0.20	302.5	314.5	4.5
926	23.1	3.9	-2.1	0	14.8	0.20	302.8	312.4	4.4
918	22.6	4.2	-2.2	2.0	14.6	0.20	303.1	310.8	4.7
896	21.1	4.7	-1.4	0	13.9	0.20	303.6	300.9	4.9
869	19.3	5.3	-1.1	0	13.2	0.20	304.4	295.9	5.4
838	17.4	5.5	-1.7	0	12.3	0.20	305.6	300.8	5.7
804	15.2	4.3	-2.6	-3.5	11.5	0.20	306.9	315.3	5.1
768	13.0	2.1	-3.8	-3.5	10.4	0.20	308.6	344.8	4.4
729	10.8	0.85	-4.1	-3.5	9.2	0.20	310.8	2.1	4.2
688	8.1	1.2	-2.6	0	8.1	0.20	313.0	348.7	2.9
644	4.9	1.2	-2.2	0	6.9	0.20	315.3	344.6	2.5
598	1.6	1.8	-0.49	0	5.6	0.20	318.2	298.9	1.9
550	-1.8	4.2	1.4	0	4.5	0.20	321.9	265.0	4.4
501	-5.1	5.5	1.0	7.0	3.2	0.20	326.6	273.4	5.6
452	-10.1	4.7	1.0	0	2.6	0.20	330.1	271.8	4.8
403	-15.9	3.1	2.2	0	2.3	0.20	333.8	248.2	3.8
353	-22.9	1.7	2.4	0	1.5	0.20	337.1	228.9	2.9
304	-30.8	0.32	-1.3	-7.0	0.81	0.20	340.6	0.1	1.3
259	-39.6	-1.7	-5.0	-10.5	0.36	0.19	343.5	33.0	5.3
220	-48.9	-2.4	-5.7	-8.8	0.14	0.25	345.6	36.2	6.2
183	-60.8	0	-1.9	-5.3	4E-2	0.20	345.2	13.9	1.9
138	-73.9	-4.9	-2.0	2.1	1E-2	0.20	351.1	82.0	5.3
88	-66.4	-11.0	-1.9	-0.70	1E-2	0.20	414.2	93.9	11.1
63	-59.4	-17.9	-2.6	0.34	1E-2	0.20	471.5	95.6	18.1
38	-46.2	-31.4	-5.7	1.2	3E-2	0.20	579.3	93.6	31.9



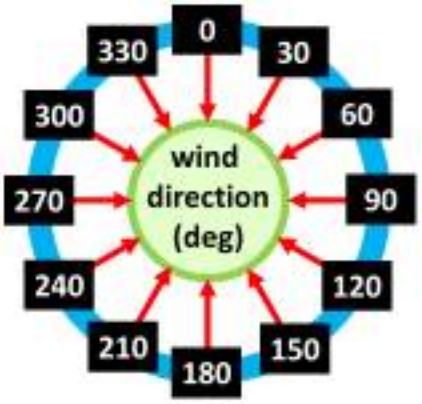
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 8 21 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1014	0	1013	0	30.3	73.0	0.32	-2.0	1014	119	13.1	1E-1	0	416	876

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1012	29.5	0.38	-2.0	1.8	18.2	0.17	301.6	3.2	2.0
1007	29.1	0.42	-2.0	2.5	18.2	0.30	301.6	2.1	2.1
1002	28.7	0.41	-2.0	2.9	18.1	0.30	301.6	2.2	2.0
997	28.2	0.50	-2.0	3.5	18.0	0.30	301.6	359.5	2.0
992	27.8	0.44	-1.9	2.3	18.1	0.30	301.6	1.1	2.0
987	27.3	0.44	-2.0	3.1	18.1	0.30	301.6	1.5	2.0
982	26.9	0.59	-2.0	2.1	18.0	0.30	301.6	357.0	2.0
976	26.3	0.51	-2.0	1.4	18.0	0.30	301.5	359.4	2.0
971	25.7	0.72	-1.9	2.9	17.9	0.30	301.4	353.3	2.0
965	25.2	0.75	-2.0	1.8	18.0	0.20	301.4	352.9	2.1
959	24.8	0.62	-2.0	2.0	17.6	0.20	301.5	356.8	2.1
953	24.8	1.3	-2.1	2.6	15.9	0.20	302.0	341.7	2.5
947	24.2	1.6	-2.3	0	15.4	0.20	302.1	338.2	2.8
940	23.9	1.8	-2.4	-2.1	15.2	0.20	302.3	336.5	3.0
933	23.5	2.9	-2.4	-4.5	14.8	0.20	302.6	324.2	3.8
925	23.0	3.1	-2.6	-3.1	14.6	0.20	302.8	323.4	4.1
917	22.6	3.8	-2.4	-7.0	14.4	0.20	303.2	316.9	4.5
895	21.2	4.5	-2.0	-6.5	13.7	0.20	303.8	308.5	4.9
868	19.4	5.5	-1.9	-5.8	12.9	0.20	304.6	302.5	5.8
837	17.5	5.5	-2.7	0	12.2	0.20	305.8	309.5	6.1
804	15.3	4.4	-3.4	0	11.2	0.20	307.1	321.9	5.6
767	13.2	2.3	-4.1	0	10.4	0.20	308.9	344.8	4.6
728	10.8	0.90	-4.4	3.6	9.1	0.20	310.9	2.2	4.4
687	8.2	1.5	-3.0	0	8.0	0.20	313.2	347.5	3.4
644	5.1	1.4	-2.6	0	6.7	0.20	315.7	346.5	3.0
597	1.7	2.0	-0.81	7.0	5.5	0.20	318.5	305.9	2.2
549	-1.6	5.0	0.48	7.0	4.0	0.20	322.3	278.3	5.0
501	-4.9	5.0	0	0	3.1	0.20	327.0	283.9	5.0
452	-9.8	4.8	0.79	0	2.1	0.20	330.6	274.6	4.9
402	-15.6	3.5	2.9	0	1.8	0.20	334.2	244.2	4.6
352	-23.1	2.7	3.0	0	1.3	0.20	336.9	235.8	4.0
304	-30.7	0.79	-1.0	-7.0	0.82	0.21	340.9	336.6	1.3
259	-39.6	-1.6	-4.6	-7.1	0.35	0.22	343.6	32.7	4.9
220	-49.2	-3.5	-5.6	-2.5	0.13	0.22	345.4	45.7	6.6
183	-60.9	0.60	-1.9	0	4E-2	0.20	345.1	356.6	2.0
138	-72.5	-6.0	-2.6	2.7	1E-2	0.20	353.6	80.4	6.6
88	-67.4	-11.4	-2.8	-1.0	1E-2	0.20	412.2	90.1	11.8
63	-59.8	-19.4	-3.2	-0.39	1E-2	0.20	470.6	94.4	19.7
38	-45.4	-30.6	-5.6	0.29	3E-2	0.20	581.5	93.6	31.1



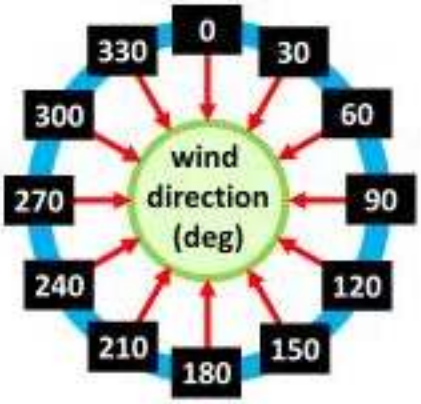
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 8 22 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1014	0	1013	0	30.1	72.0	-0.13	-2.4	1014	133	11.9	1E-1	0	358	795

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1011	29.3	0.17	-2.3	0.98	18.1	0.30	301.5	9.7	2.3
1006	28.9	1E-1	-2.4	3.5	18.1	0.29	301.5	11.8	2.4
1002	28.5	0.17	-2.3	5.3	18.1	0.30	301.5	9.6	2.3
997	28.1	0.14	-2.3	5.3	18.0	0.30	301.5	10.5	2.3
992	27.6	0.15	-2.3	4.2	18.1	0.30	301.5	10.2	2.3
987	27.2	0.25	-2.3	4.8	18.0	0.30	301.5	7.6	2.3
981	26.7	0.27	-2.3	5.9	18.0	0.20	301.4	7.1	2.3
976	26.2	0.26	-2.3	4.8	17.9	0	301.5	7.6	2.3
971	25.7	0.17	-2.3	6.4	18.0	0.20	301.4	9.6	2.3
965	25.3	0.22	-2.3	6.5	17.8	0	301.5	8.5	2.3
959	24.8	0.28	-2.5	7.0	17.7	0	301.5	7.3	2.5
953	24.5	0.87	-2.6	7.7	16.0	0	301.8	355.2	2.7
946	24.2	1.1	-2.5	8.4	15.4	0	302.1	349.4	2.7
940	23.6	1.6	-2.8	6.2	15.1	0	302.1	344.1	3.2
933	23.3	2.3	-3.0	4.1	15.0	0.20	302.5	335.5	3.8
925	23.0	2.9	-3.5	6.0	14.6	0.20	302.8	333.6	4.5
916	22.5	3.4	-3.2	4.5	14.3	0.20	303.1	327.0	4.7
895	21.2	4.3	-2.9	7.7	13.6	0.20	303.8	317.9	5.2
868	19.6	4.9	-3.0	7.0	12.8	0.20	304.8	315.0	5.8
837	17.6	4.9	-3.6	12.5	12.0	0.20	306.0	320.6	6.1
803	15.6	3.7	-3.8	12.9	11.2	0.20	307.4	329.6	5.3
767	13.4	1.5	-4.1	14.1	10.3	0.20	309.2	353.2	4.4
728	11.2	0.50	-4.3	4.6	9.0	0.20	311.3	7.3	4.4
687	8.3	0.87	-3.3	7.0	7.7	0.20	313.4	359.0	3.4
643	5.2	0.94	-2.5	0	6.6	0.20	315.8	353.4	2.7
597	1.8	2.4	-1.0	0	5.3	0.20	318.6	306.7	2.6
549	-1.6	5.6	-0.40	0	3.5	0.20	322.3	287.9	5.6
501	-5.1	5.6	-0.35	-7.0	3.0	0.20	326.7	287.4	5.6
452	-9.9	5.7	0	-3.5	2.1	0.20	330.4	283.9	5.7
402	-15.5	5.0	2.7	0	1.1	0.20	334.3	255.6	5.7
352	-23.4	4.6	2.2	7.0	1.1	0.20	336.6	258.3	5.1
304	-30.6	1.3	-0.64	0	0.81	0.19	341.0	310.0	1.4
259	-39.6	-1.6	-3.6	-12.3	0.37	0.20	343.6	37.7	4.0
220	-49.1	-4.0	-5.4	-7.0	0.14	0.19	345.5	50.6	6.7
183	-61.1	0.73	-2.0	-1.6	4E-2	0.20	344.9	354.3	2.2
138	-71.8	-7.0	-2.3	0.82	1E-2	0.20	355.0	85.5	7.4
88	-67.1	-11.8	-3.5	-0.16	1E-2	0.20	413.0	87.2	12.3
63	-59.7	-19.1	-4.3	0.37	1E-2	0.20	471.0	91.3	19.6
38	-45.3	-29.2	-5.0	-0.74	3E-2	0.20	581.7	94.1	29.6



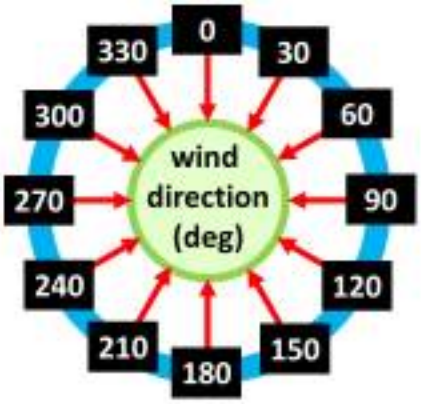
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 8 23 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1013	0	1013	0	30.2	72.6	-1E-1	-2.2	1013	133	11.5	0.10	0	241	705

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1011	29.4	0.23	-2.3	1.1	18.1	0.24	301.6	8.0	2.3
1006	29.0	0.25	-2.4	1.8	18.1	0.29	301.6	7.9	2.4
1001	28.5	0.25	-2.4	5.3	17.9	0.28	301.6	7.9	2.4
996	28.1	0.33	-2.4	5.3	17.9	0.30	301.6	5.9	2.4
991	27.7	0.32	-2.3	3.5	17.9	0.30	301.6	6.0	2.3
986	27.0	0.18	-2.2	7.4	17.9	0.30	301.4	9.3	2.2
981	26.6	0.23	-2.3	4.3	17.8	0.32	301.4	8.1	2.3
976	26.2	0.33	-2.2	5.4	17.7	0.32	301.4	5.3	2.2
970	25.7	0.28	-2.2	5.5	17.7	0.32	301.5	6.6	2.2
965	25.2	0.36	-2.3	9.1	17.7	0.20	301.5	5.0	2.3
959	24.7	0.34	-2.2	6.5	17.3	0.20	301.5	4.8	2.2
953	24.7	0.98	-2.5	7.4	15.7	0.20	302.1	352.6	2.7
946	24.3	1.2	-2.7	7.7	15.5	0.20	302.2	350.5	3.0
939	23.9	2.0	-3.0	9.1	15.0	0.20	302.4	339.4	3.6
932	23.6	2.5	-3.6	7.9	14.9	0.20	302.8	338.7	4.4
925	23.1	2.6	-3.6	8.9	14.5	0.20	302.9	338.3	4.5
916	22.7	3.1	-3.5	10.4	14.3	0.20	303.4	332.6	4.7
895	21.4	3.8	-3.3	10.6	13.5	0.20	304.1	324.4	5.1
868	20.1	4.3	-3.3	10.7	12.7	0.20	305.4	321.4	5.5
837	18.1	4.3	-3.9	12.7	11.8	0.20	306.5	326.3	5.8
803	16.0	2.8	-4.0	5.3	11.0	0.20	307.9	338.6	4.9
767	13.7	1.1	-4.3	5.7	10.2	0.20	309.6	358.8	4.4
728	11.4	0.14	-4.3	3.9	9.0	0.20	311.6	12.0	4.3
687	8.7	0.56	-3.4	7.0	7.6	0.20	313.8	4.6	3.5
643	5.4	0.66	-2.5	7.0	6.5	0.20	316.0	358.9	2.5
597	1.9	2.8	-1.1	7.0	5.0	0.20	318.9	305.6	3.0
549	-1.6	6.6	-0.93	0	3.7	0.20	322.4	291.9	6.6
500	-5.2	6.5	-1.0	0	3.4	0.20	326.6	293.0	6.6
451	-10.2	6.3	-0.45	-7.0	2.5	0.20	330.1	288.0	6.3
402	-15.6	5.8	2.3	-3.5	0.47	0.20	334.3	262.3	6.3
352	-23.6	5.8	1.4	0	0.79	0.20	336.4	270.4	6.0
304	-30.6	1.9	-0.77	-7.0	0.80	0.21	341.0	305.6	2.1
259	-39.6	-0.94	-3.3	-5.3	0.36	0.22	343.6	30.1	3.4
220	-48.9	-3.4	-4.8	-3.5	0.14	0.19	345.9	49.3	5.9
183	-60.9	1.2	-2.7	3.5	3E-2	0.20	345.2	350.9	3.0
138	-71.5	-8.1	-2.1	-0.25	1E-2	0.20	355.5	89.7	8.4
88	-67.1	-11.6	-4.0	0.36	1E-2	0.20	413.1	85.0	12.3
63	-59.7	-18.8	-3.1	0.27	1E-2	0.20	471.1	94.3	19.0
38	-45.2	-28.9	-6.5	0.23	3E-2	0.20	582.3	91.2	29.6



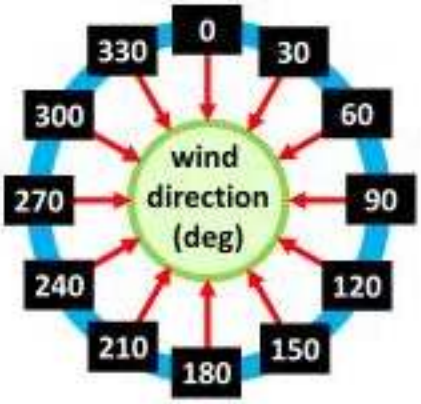
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 9 0 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1012	0	1013	0	30.1	73.0	-0.30	-1.5	1012	121	12.3	1E-1	0	98.1	691

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1010	29.4	-1E-1	-1.7	1.8	17.9	0.17	301.7	17.0	1.7
1005	29.0	0	-1.8	3.5	17.9	0.26	301.7	13.9	1.8
1000	28.5	0	-1.8	3.5	17.9	0.25	301.6	13.9	1.8
995	28.1	0	-1.8	3.5	17.8	0.30	301.6	13.9	1.8
990	27.6	0	-1.8	6.1	17.8	0.30	301.6	13.9	1.8
985	27.2	0	-1.6	6.3	17.8	0.30	301.7	13.9	1.6
980	26.7	0	-1.6	3.1	17.6	0.30	301.6	13.9	1.6
975	26.1	0	-1.8	4.0	17.7	0.30	301.5	13.9	1.8
969	25.7	0	-1.8	7.8	17.5	0.30	301.5	13.9	1.8
964	25.1	0	-1.7	8.8	17.4	0.30	301.4	13.9	1.7
958	24.8	0	-1.6	8.4	17.1	0.30	301.6	13.9	1.6
952	24.8	1.1	-2.2	6.5	15.7	0.30	302.3	348.2	2.4
945	24.4	1.1	-2.3	7.1	15.1	0.30	302.4	347.6	2.6
939	24.0	1.5	-2.8	4.7	14.9	0.30	302.6	344.5	3.2
931	23.7	1.7	-3.2	5.7	14.8	0	302.9	346.4	3.6
924	23.5	2.1	-3.2	6.6	14.4	0.20	303.4	340.3	3.8
915	23.0	2.3	-3.3	6.7	14.0	0.20	303.8	338.5	4.0
894	21.9	3.0	-3.1	6.6	13.3	0.20	304.7	329.6	4.4
867	20.3	3.3	-3.7	8.7	12.5	0.20	305.7	331.7	5.0
836	18.5	3.3	-4.3	6.4	11.6	0.20	307.0	335.8	5.4
802	16.3	2.4	-4.5	6.6	11.0	0.20	308.3	346.2	5.1
766	14.0	1.1	-4.5	6.2	10.1	0.20	310.0	0.3	4.6
727	11.7	0.42	-4.7	8.5	8.8	0.20	312.0	8.7	4.7
686	9.0	0.60	-3.8	10.5	7.4	0.20	314.3	4.9	3.9
642	5.8	1.0	-2.6	14.1	6.2	0.20	316.6	352.7	2.8
596	2.3	4.1	-1.8	14.1	4.6	0.20	319.3	307.0	4.5
548	-1.4	7.7	-2.1	7.0	3.8	0.20	322.7	299.1	8.0
500	-5.5	7.5	-1.8	0	3.5	0.20	326.4	297.3	7.7
451	-10.3	6.4	-0.54	0	2.4	0.20	330.1	288.7	6.4
401	-16.0	6.8	1.6	-5.6	0.50	0.21	333.9	271.0	7.0
352	-23.4	6.3	0.86	-3.5	0.64	0.20	336.8	276.1	6.4
303	-30.7	2.0	-1.3	-6.6	0.80	0.21	341.1	317.3	2.4
259	-39.6	-0.85	-3.3	-8.8	0.36	0.22	343.8	28.5	3.4
220	-48.9	-3.0	-4.1	-3.5	0.14	0.18	345.9	50.5	5.1
182	-60.7	1.3	-4.0	0.88	3E-2	0.20	345.7	355.2	4.2
138	-70.9	-7.6	-3.0	2.4	1E-2	0.20	356.6	82.6	8.1
88	-67.5	-10.7	-5.1	-0.45	1E-2	0.20	412.3	78.3	11.9
63	-59.9	-19.6	-3.2	1E-1	1E-2	0.20	470.6	94.7	19.8
38	-45.1	-28.5	-7.8	0.19	3E-2	0.20	582.5	88.6	29.6



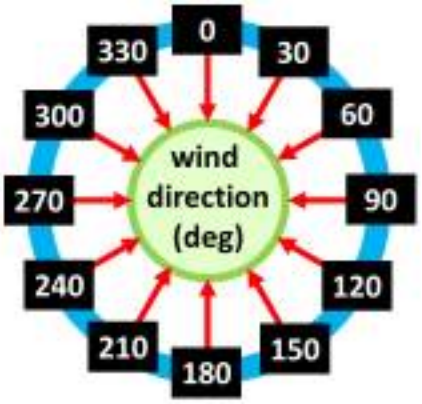
Meteorological Profile: hysplit.t00z.namsf

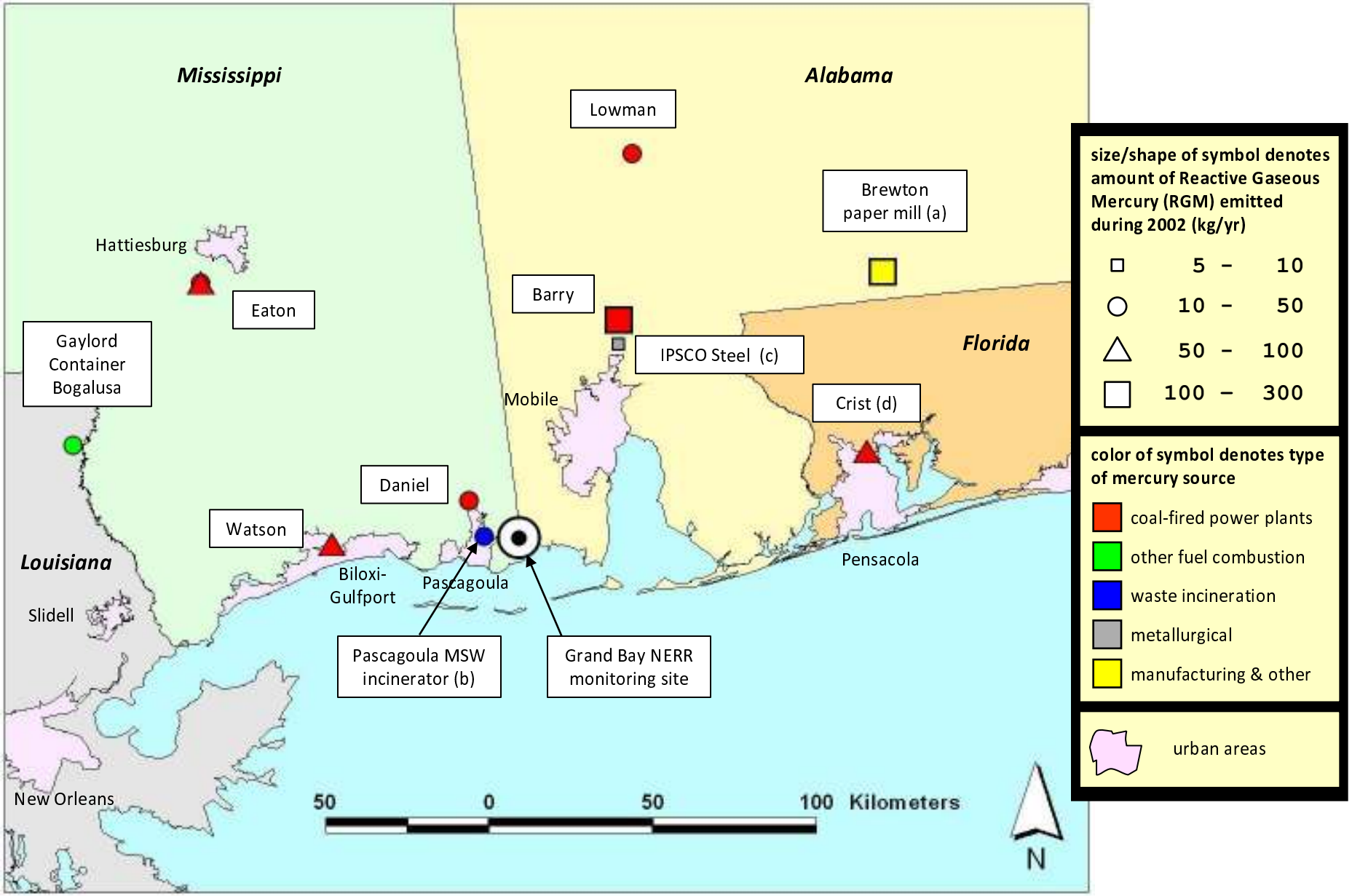
File start time : 10 8 8 0 0
File ending time: 10 8 10 0 0

Profile Time: 10 8 9 1 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1012	0	1013	0	30.2	75.3	-0.56	-0.68	1012	97.8	8.7	1E-1	0	0	559

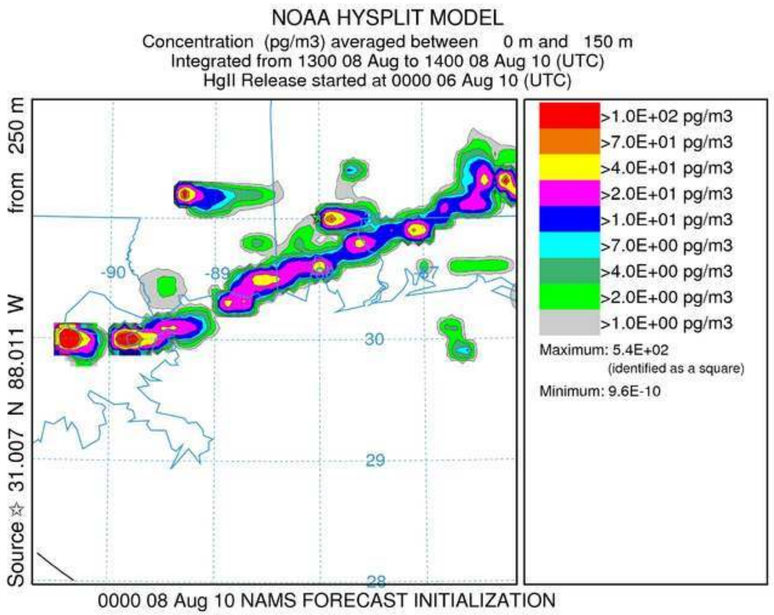
	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1010	29.1	-0.36	-1.0	0	18.1	0.15	301.4	33.3	1.1
1005	28.7	-0.44	-0.96	0	17.8	0.24	301.4	38.3	1.1
1000	28.3	-0.36	-0.88	1.9	17.8	0.24	301.4	35.9	1.0
996	27.8	-0.39	-0.87	0	17.8	0.15	301.4	38.2	1.0
991	27.4	-0.41	-0.82	1.8	17.7	0.17	301.4	40.5	0.9
985	27.0	-0.44	-0.79	0	17.7	0.17	301.4	43.1	0.9
980	26.5	-0.43	-0.82	2.1	17.7	0.17	301.4	41.4	0.9
975	26.2	-0.36	-0.89	2.2	17.7	0.17	301.5	35.9	1.0
969	25.5	-0.27	-0.72	3.4	17.7	0.30	301.3	34.4	0.8
964	25.1	0	-0.86	2.9	16.8	0.30	301.5	13.9	0.9
958	24.9	0	-0.99	0	16.1	0.30	301.7	13.9	1.0
952	24.9	0.70	-1.2	0	15.4	0.30	302.4	344.5	1.4
945	24.4	0.99	-1.5	0	15.1	0.20	302.4	340.7	1.8
939	24.2	1.1	-2.1	-2.0	14.9	0.20	302.8	347.5	2.4
931	23.9	1.2	-2.5	0	14.5	0.20	303.1	348.5	2.7
924	23.4	1.5	-2.7	0	14.2	0.20	303.4	344.8	3.1
915	23.2	1.6	-2.9	-4.7	14.0	0.20	304.0	344.7	3.4
894	22.0	2.1	-3.2	-5.1	13.1	0.20	304.8	340.2	3.8
867	20.5	2.4	-4.2	-7.0	12.3	0.20	305.9	343.8	4.8
836	18.6	2.0	-4.8	-7.0	11.6	0.20	307.1	351.0	5.3
802	16.4	1.3	-5.1	-7.0	10.7	0.20	308.4	359.1	5.3
766	14.0	0.44	-5.2	-7.0	9.9	0.20	309.9	9.0	5.2
727	11.6	0	-5.2	-14.1	8.8	0.20	311.9	13.9	5.2
686	9.2	0.32	-4.1	0	7.4	0.20	314.5	9.5	4.1
643	6.1	0.92	-3.0	0	6.0	0.20	316.9	356.7	3.1
596	2.6	4.7	-2.9	0	4.4	0.20	319.7	315.2	5.5
549	-1.1	8.1	-3.5	0	3.7	0.20	323.0	307.1	8.8
500	-5.3	7.8	-2.7	0	3.0	0.20	326.6	302.8	8.2
451	-10.2	6.5	-0.75	0	1.8	0.20	330.2	290.4	6.6
401	-16.2	7.6	0.27	0	0.47	0.20	333.6	281.8	7.6
352	-23.5	7.7	0.23	0	0.44	0.20	336.5	282.1	7.7
303	-30.8	2.5	-1.5	-7.0	0.79	0.21	340.9	314.8	2.9
259	-39.6	0	-2.8	-14.1	0.35	0.22	343.8	13.9	2.8
220	-49.1	-2.3	-2.8	-7.0	0.13	0.23	345.6	53.1	3.6
182	-60.8	0.97	-4.2	0	3E-2	0.20	345.5	0.7	4.3
138	-70.8	-7.9	-3.9	-0.87	1E-2	0.20	356.9	77.3	8.8
88	-67.4	-10.2	-4.9	0.60	1E-2	0.20	412.5	78.2	11.4
63	-59.9	-20.2	-4.1	0	1E-2	0.20	470.8	92.5	20.6
38	-46.0	-28.5	-7.7	-0.58	3E-2	0.20	580.3	88.8	29.5

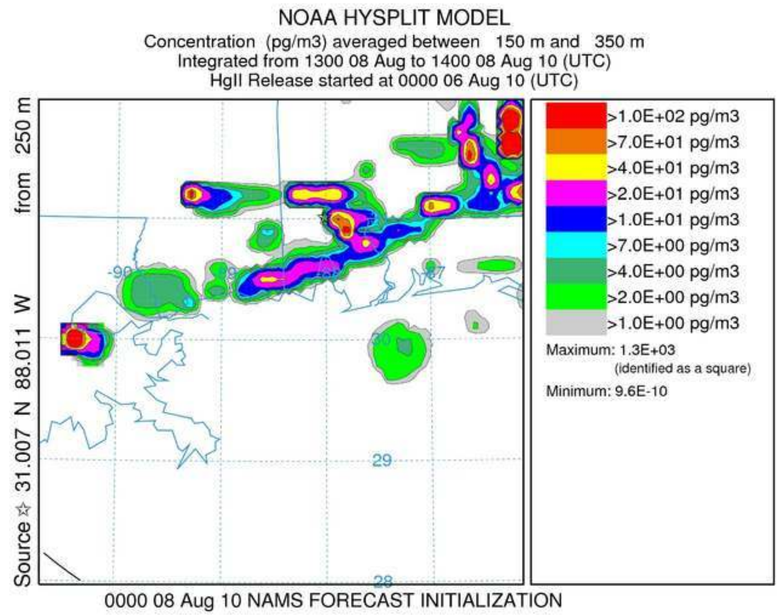


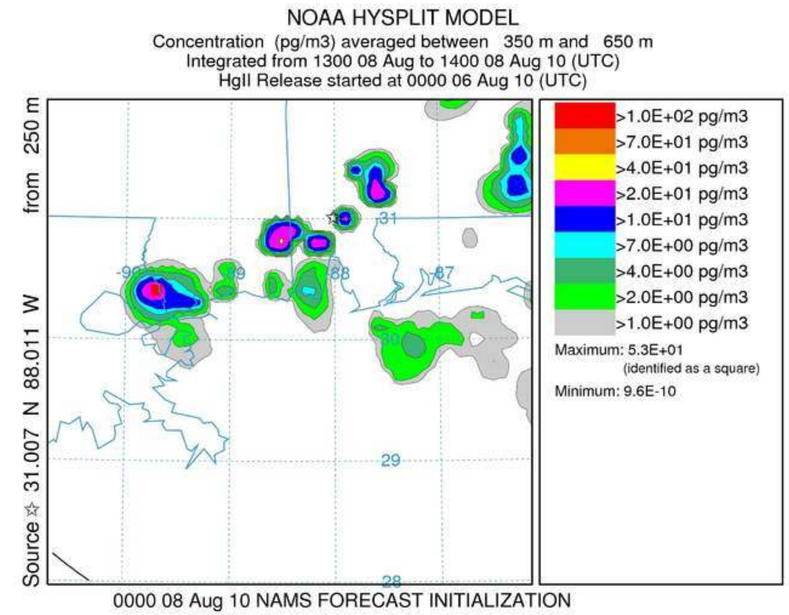


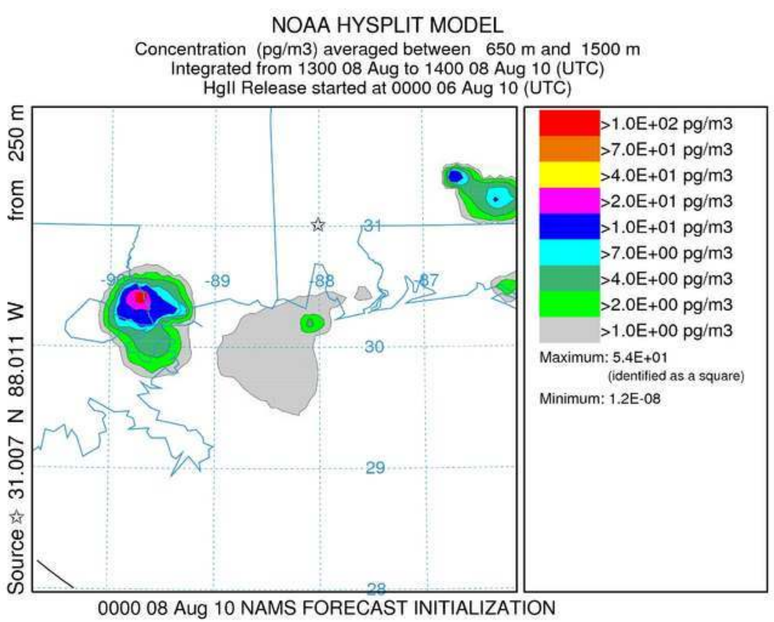
(a) Mercury emissions included in 2002 NEI , but do not appear to be in 2000-2008 TRI
(b) Mercury emissions included in 2002 NEI but incineration ceased in January 2001
(c) Significant mercury emissions in 2002 NEI, but negligible emissions reported in 2008 TRI
(d) Scrubber installed Dec 2009 that reduced RGM emissions dramatically

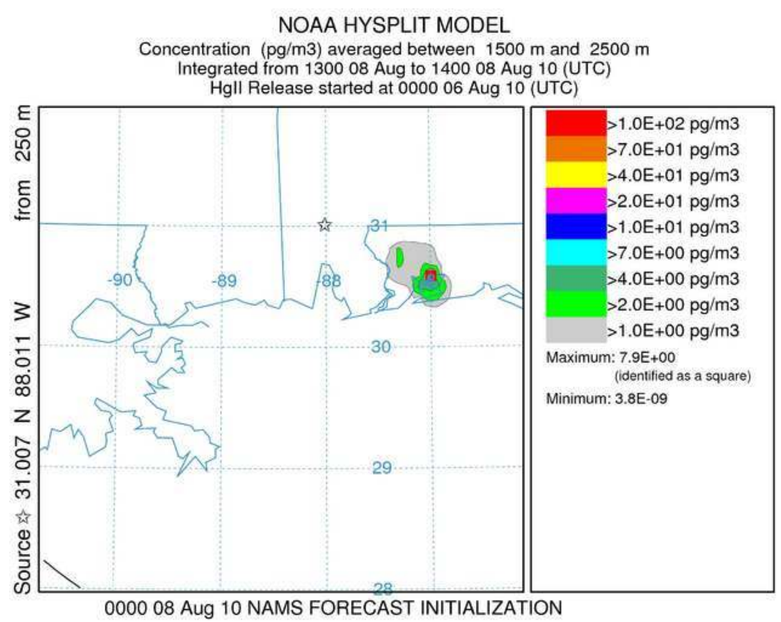
Location of the Grand Bay NERR sampling site, along with large point sources of Reactive Gaseous Mercury in the region, based on the EPA's 2002 National Emissions Inventory

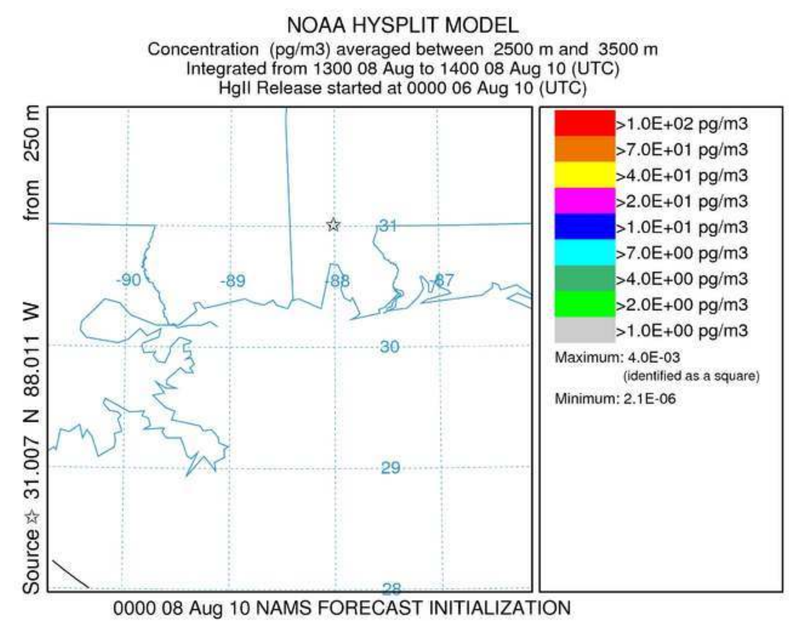

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1300 08 Aug to 1400 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 5.4E+02
(identified as a square)
Minimum: 9.6E-10
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

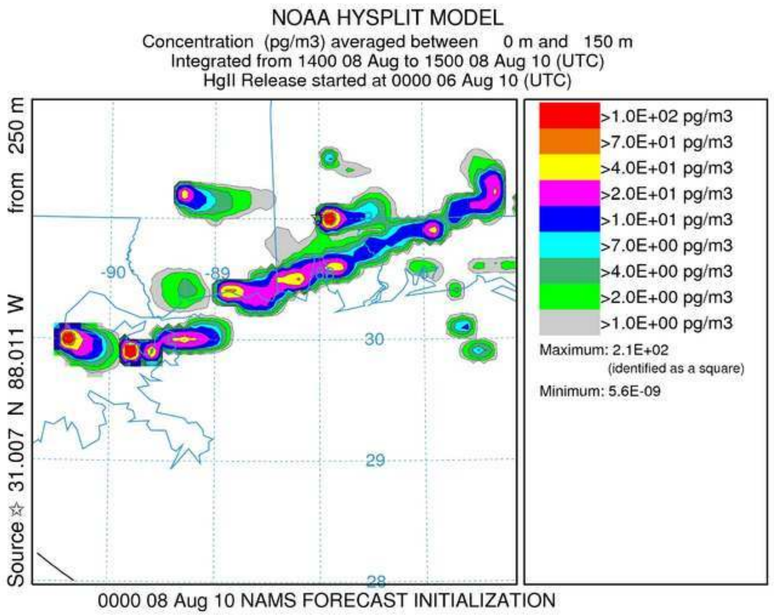

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1300 08 Aug to 1400 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.3E+03
(identified as a square)
Minimum: 9.6E-10
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

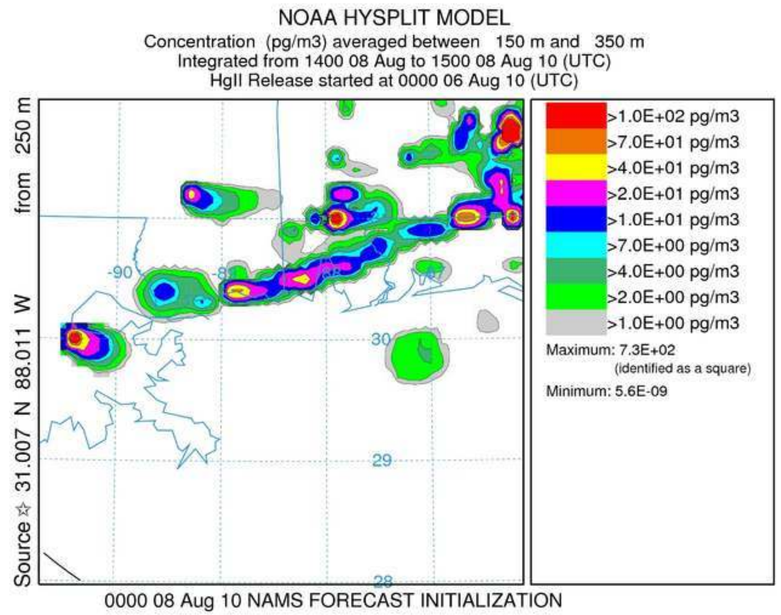

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1300 08 Aug to 1400 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 5.3E+01
(identified as a square)
Minimum: 9.6E-10
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

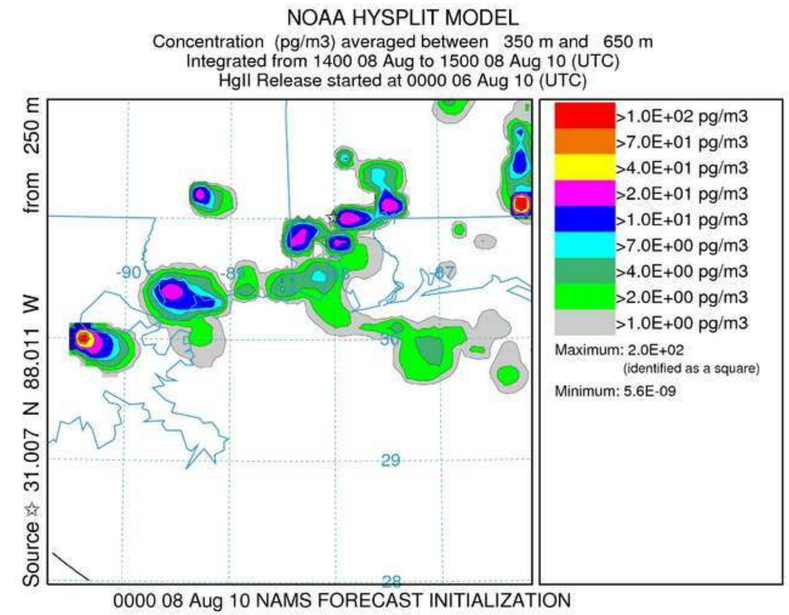

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1300 08 Aug to 1400 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 5.4E+01
(identified as a square)
Minimum: 1.2E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

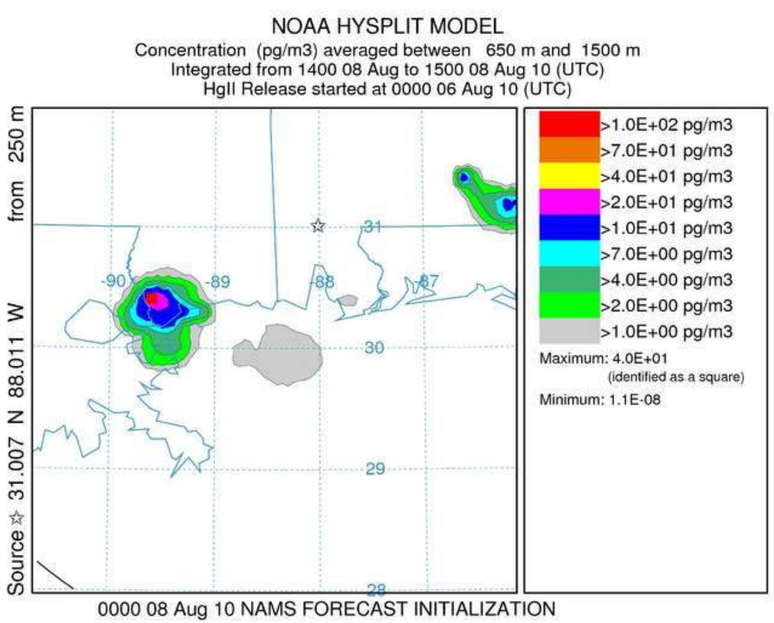

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1300 08 Aug to 1400 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 7.9E+00
(identified as a square)
Minimum: 3.8E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

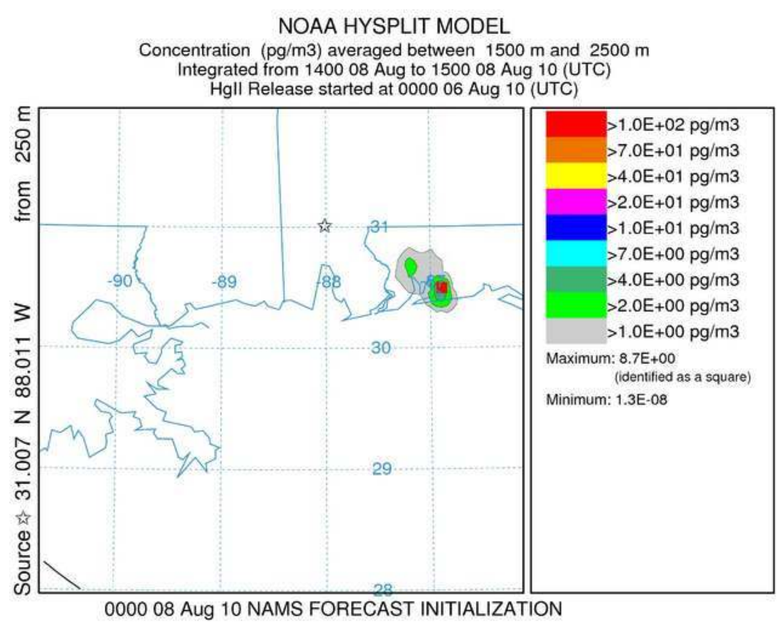

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1300 08 Aug to 1400 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.0E-03
(identified as a square)
Minimum: 2.1E-06
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

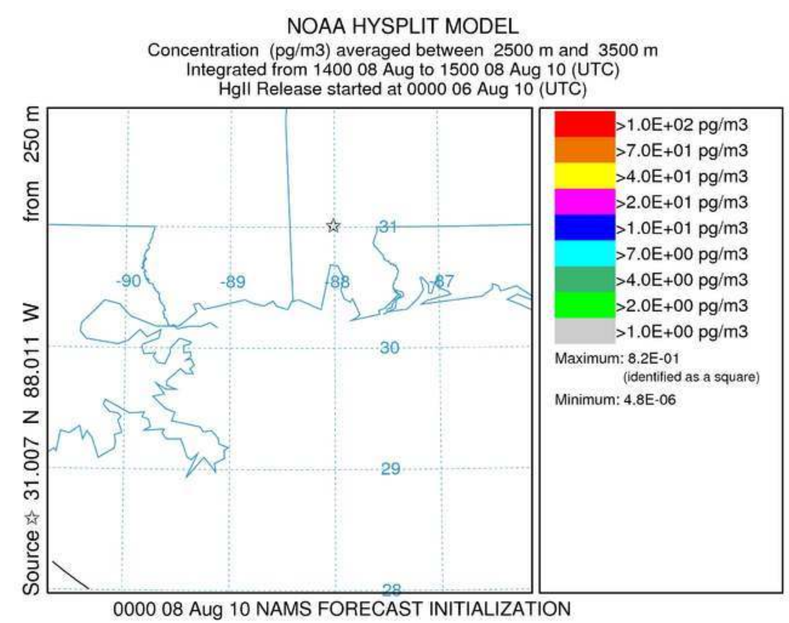

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1400 08 Aug to 1500 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 2.1E+02
(identified as a square)
Minimum: 5.6E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

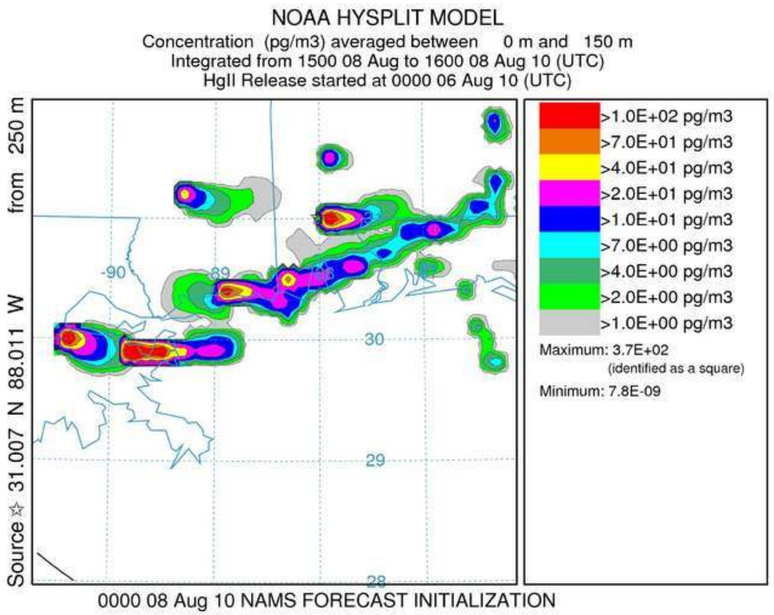

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1400 08 Aug to 1500 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 7.3E+02
(identified as a square)
Minimum: 5.6E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

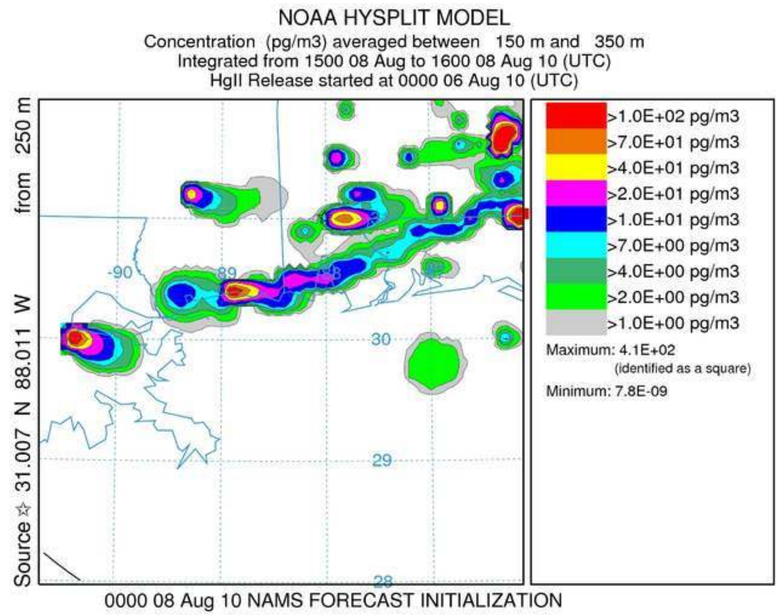

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1400 08 Aug to 1500 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 2.0E+02
(identified as a square)
Minimum: 5.6E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

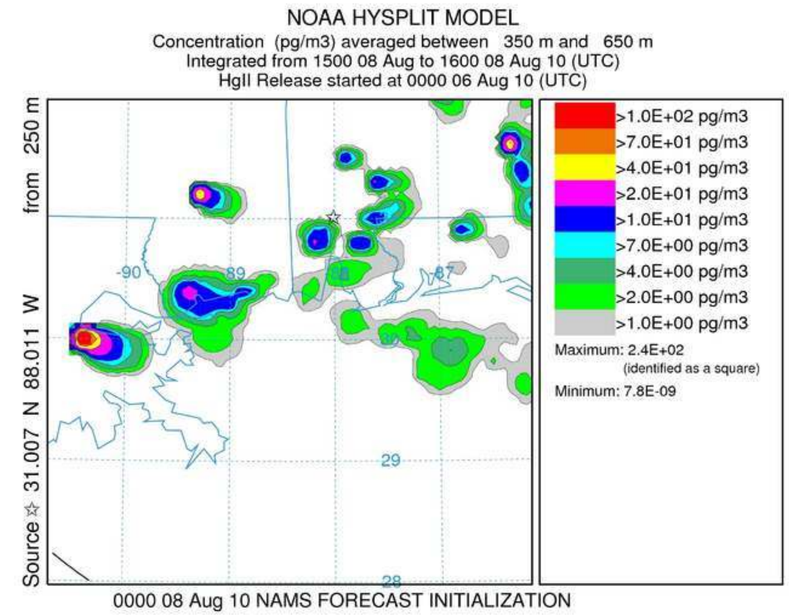

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1400 08 Aug to 1500 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.0E+01
(identified as a square)
Minimum: 1.1E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

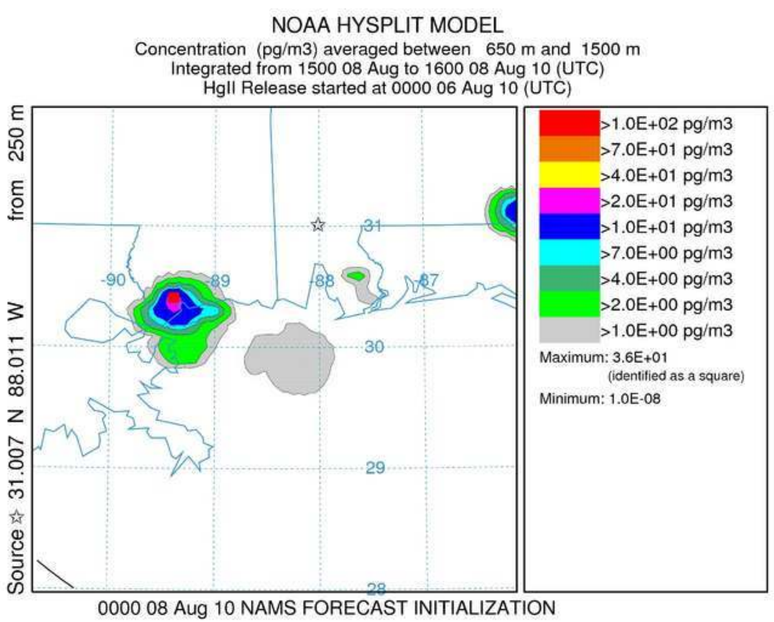

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1400 08 Aug to 1500 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 8.7E+00
(identified as a square)
Minimum: 1.3E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

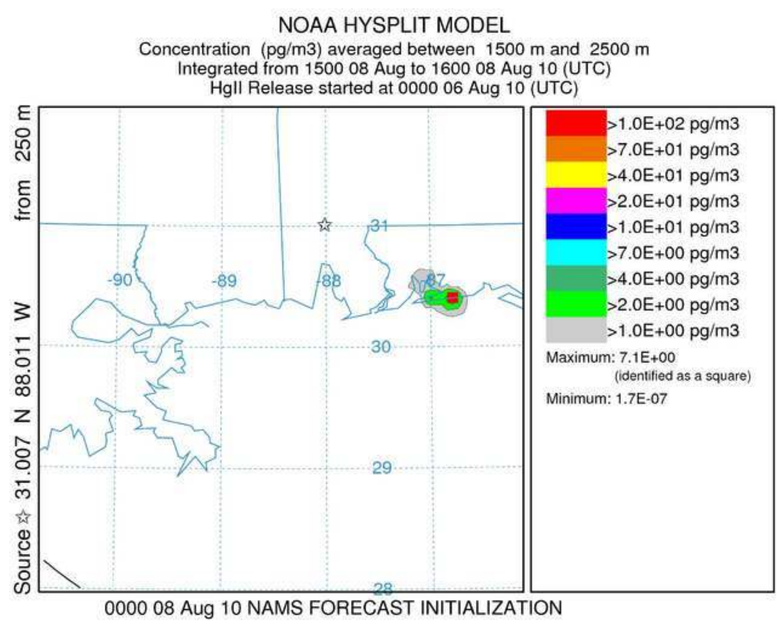

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1400 08 Aug to 1500 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 8.2E-01
(identified as a square)
Minimum: 4.8E-06
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

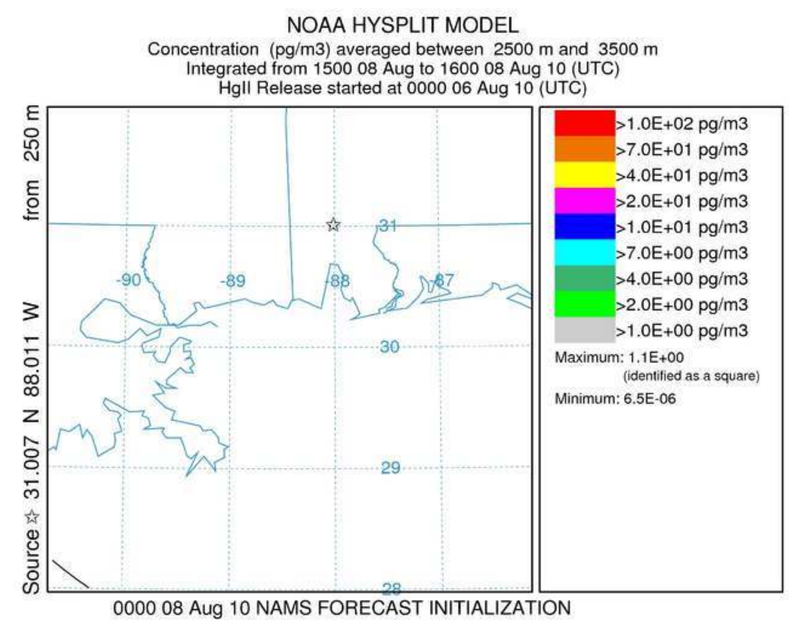

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1500 08 Aug to 1600 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 3.7E+02
(identified as a square)
Minimum: 7.8E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

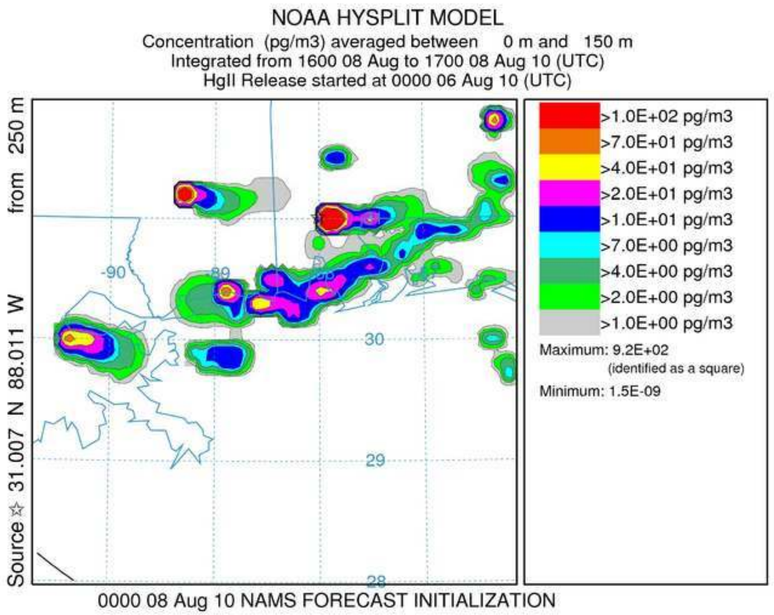

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1500 08 Aug to 1600 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.1E+02
(identified as a square)
Minimum: 7.8E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

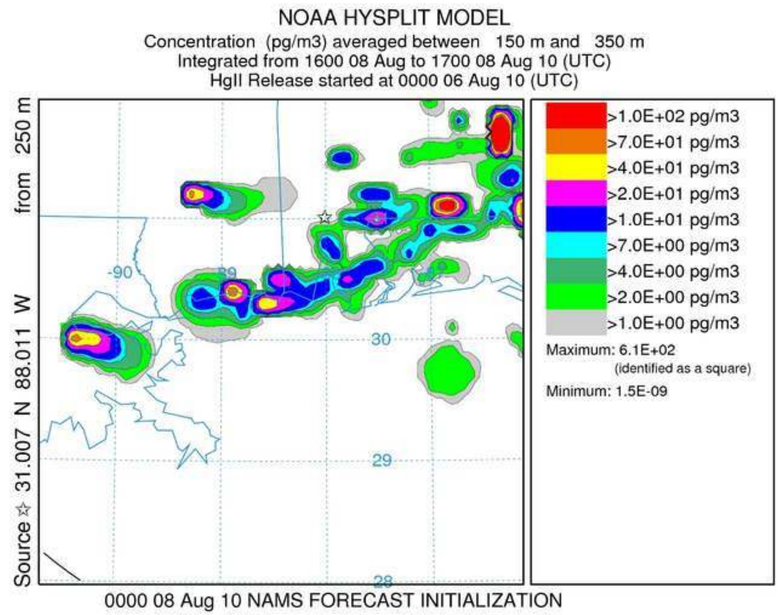

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1500 08 Aug to 1600 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 2.4E+02
(identified as a square)
Minimum: 7.8E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

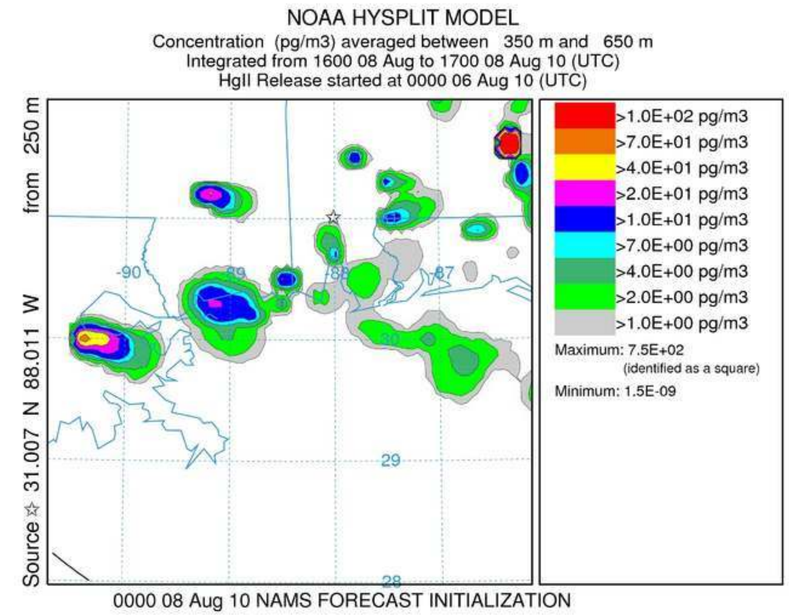

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1500 08 Aug to 1600 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 3.6E+01
(identified as a square)
Minimum: 1.0E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

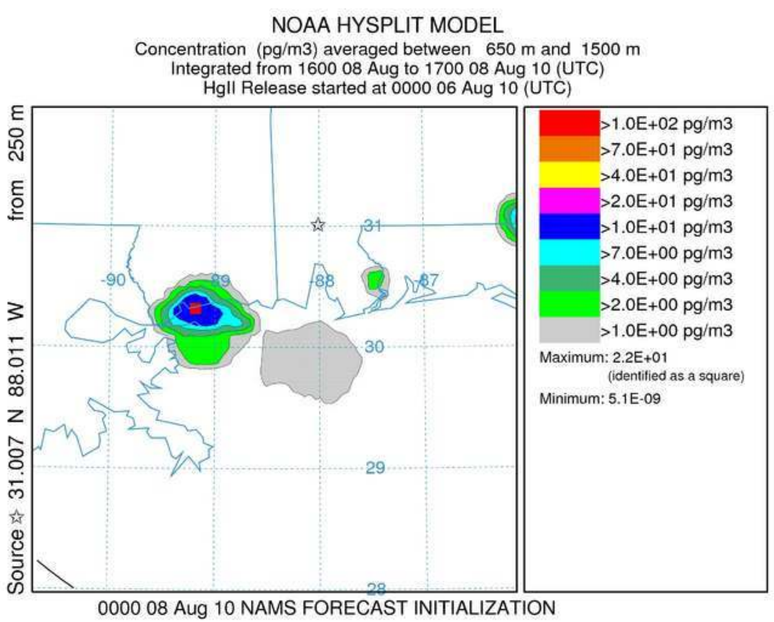

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1500 08 Aug to 1600 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 7.1E+00
(identified as a square)
Minimum: 1.7E-07
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

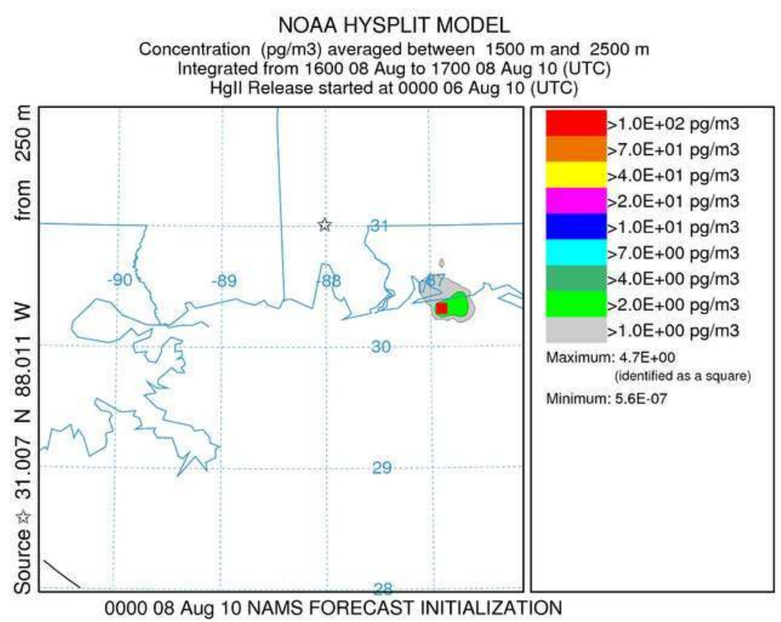

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1500 08 Aug to 1600 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.1E+00
(identified as a square)
Minimum: 6.5E-06
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

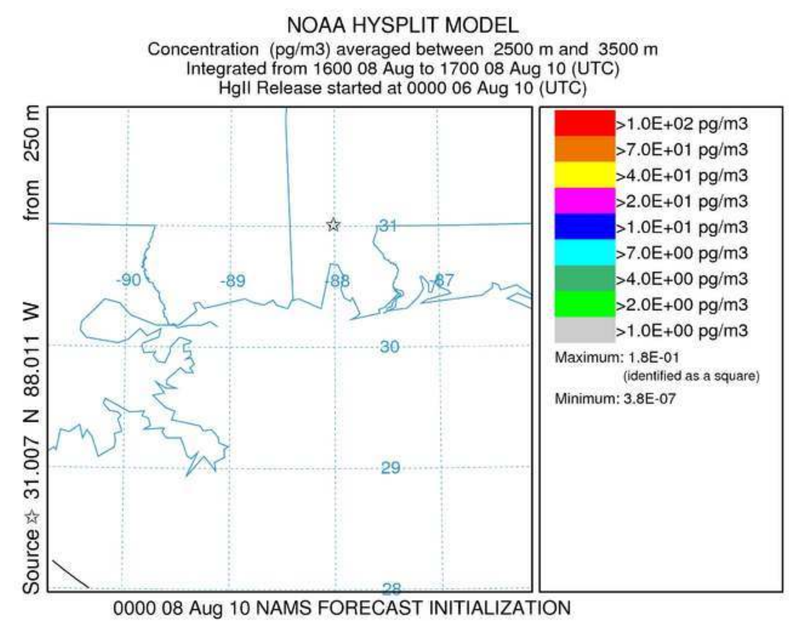

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1600 08 Aug to 1700 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 9.2E+02
(identified as a square)
Minimum: 1.5E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1600 08 Aug to 1700 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 6.1E+02
(identified as a square)
Minimum: 1.5E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

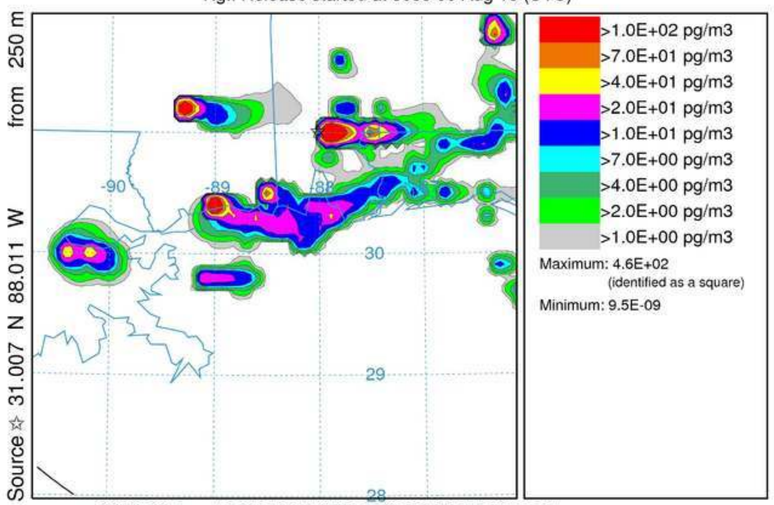

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1600 08 Aug to 1700 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 7.5E+02
(identified as a square)
Minimum: 1.5E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1600 08 Aug to 1700 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 2.2E+01
(identified as a square)
Minimum: 5.1E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1600 08 Aug to 1700 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.7E+00
(identified as a square)
Minimum: 5.6E-07
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

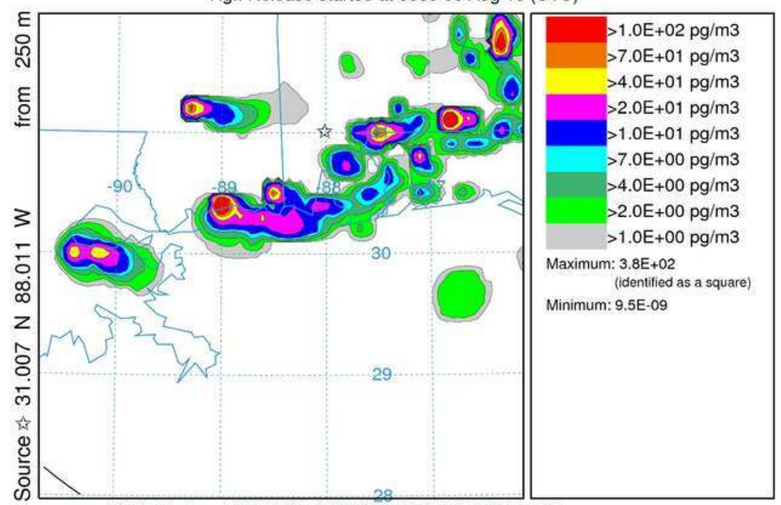

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1600 08 Aug to 1700 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.8E-01
(identified as a square)
Minimum: 3.8E-07
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1700 08 Aug to 1800 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



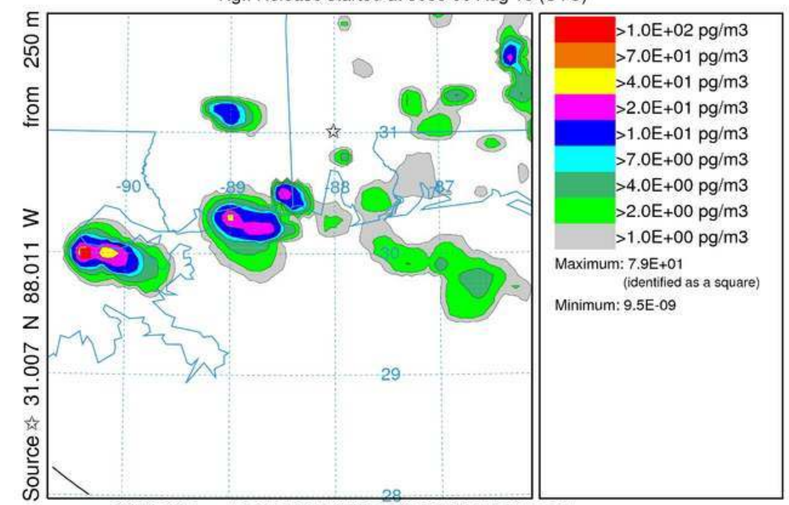
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1700 08 Aug to 1800 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



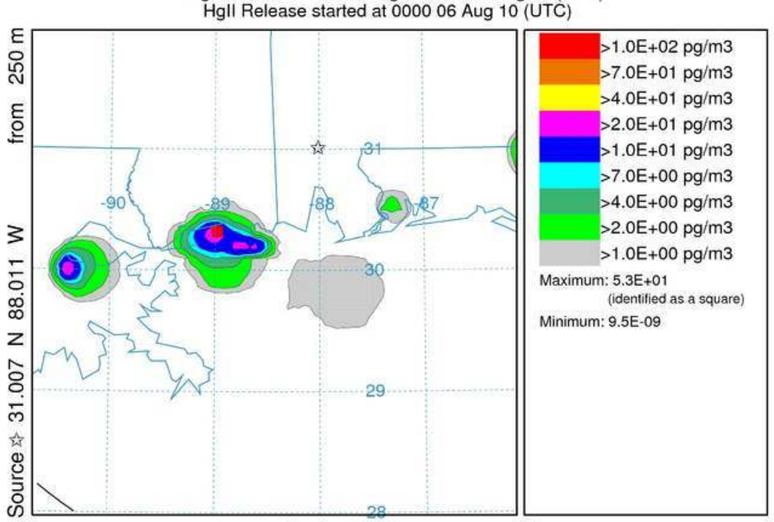
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1700 08 Aug to 1800 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



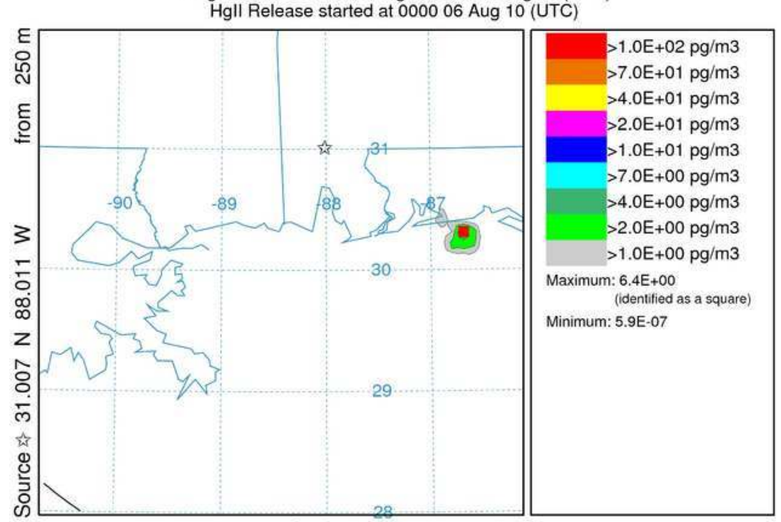
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1700 08 Aug to 1800 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



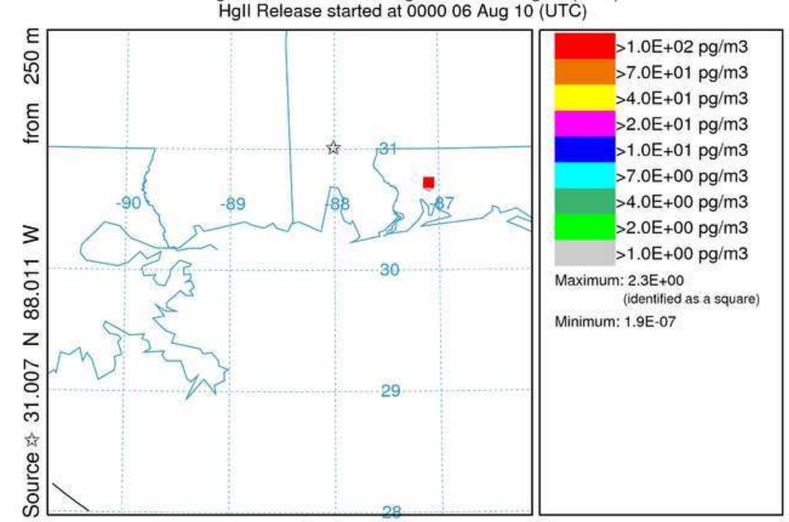
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1700 08 Aug to 1800 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



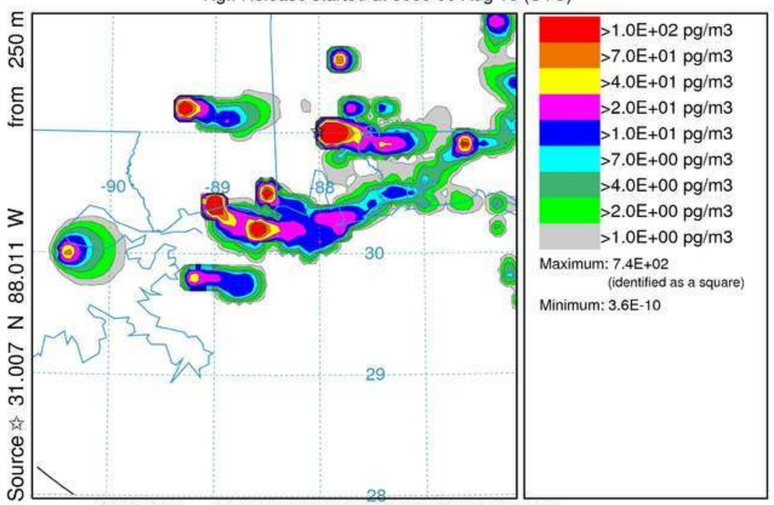
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1700 08 Aug to 1800 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



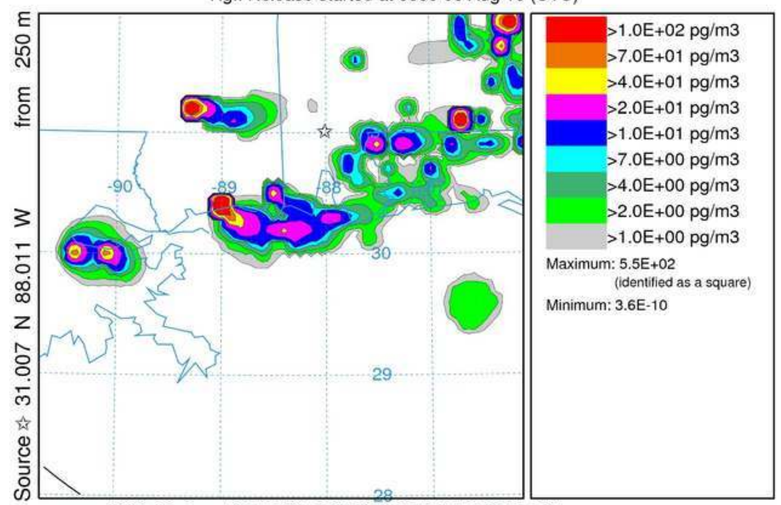
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1800 08 Aug to 1900 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



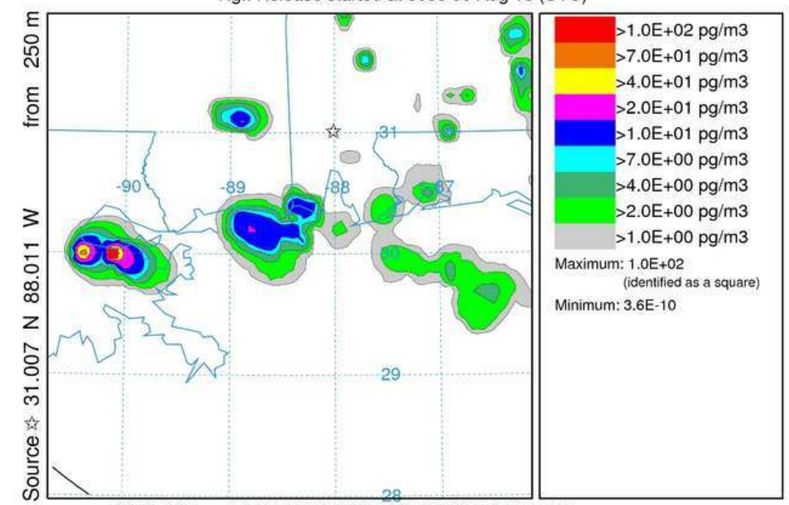
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1800 08 Aug to 1900 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



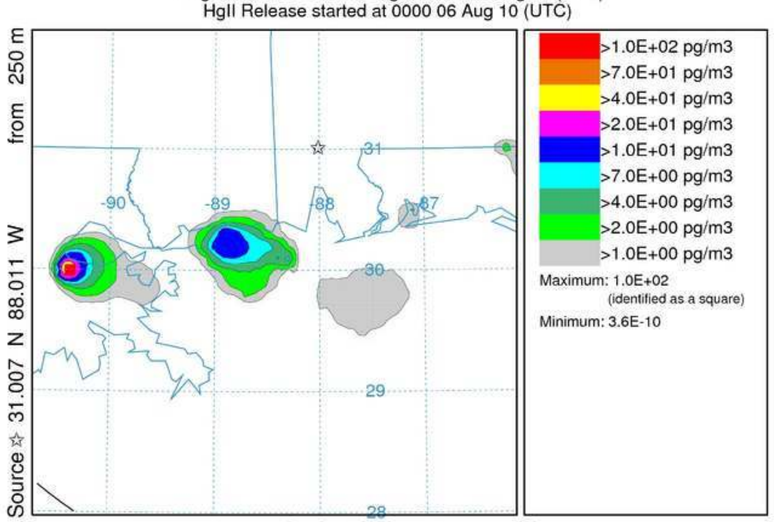
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1800 08 Aug to 1900 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



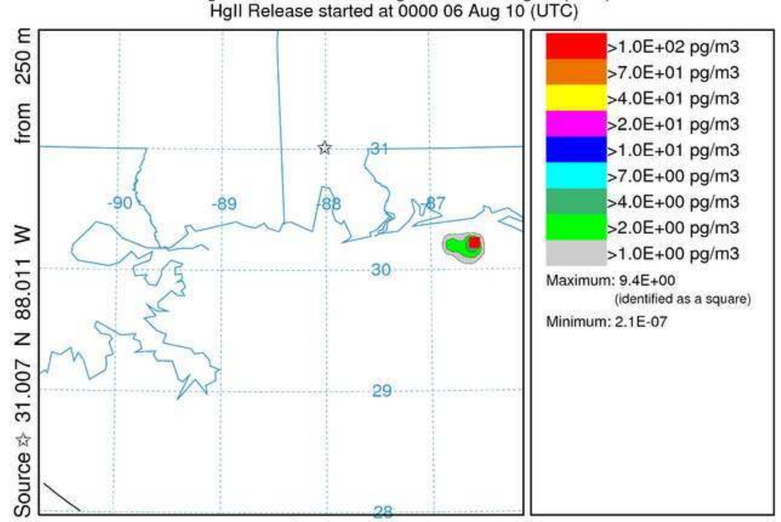
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1800 08 Aug to 1900 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



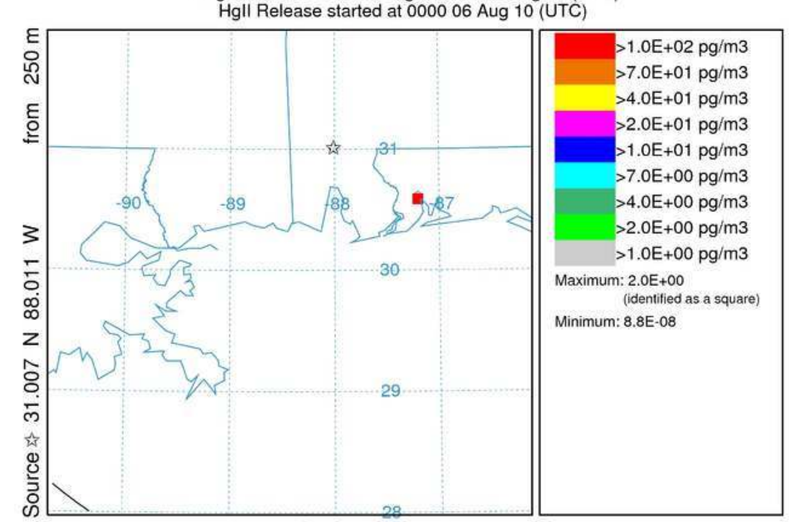
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1800 08 Aug to 1900 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)

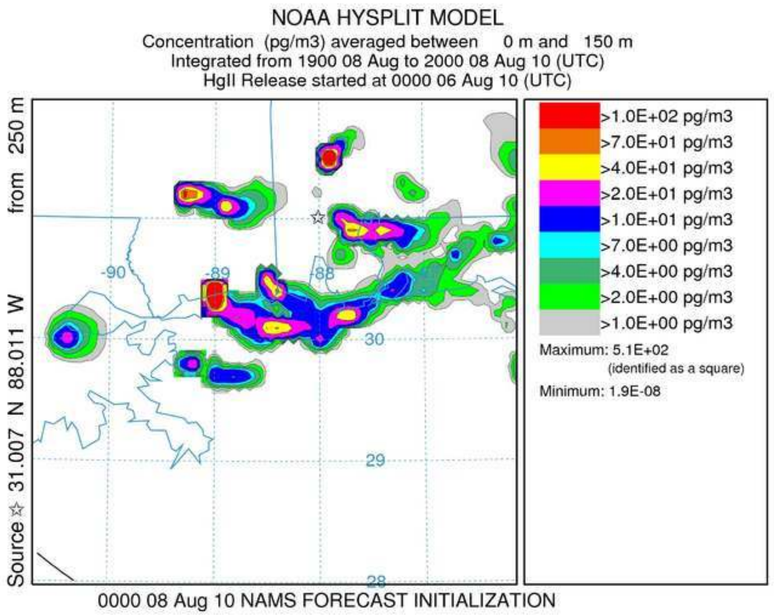


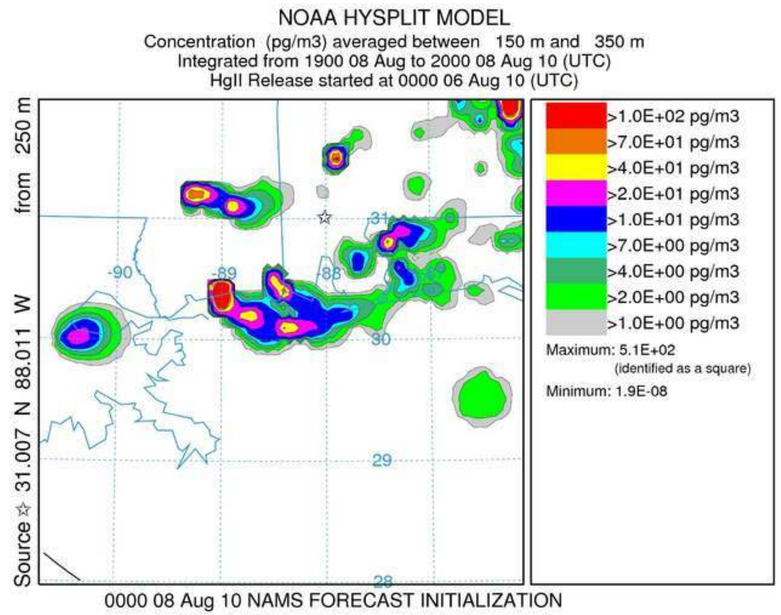
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

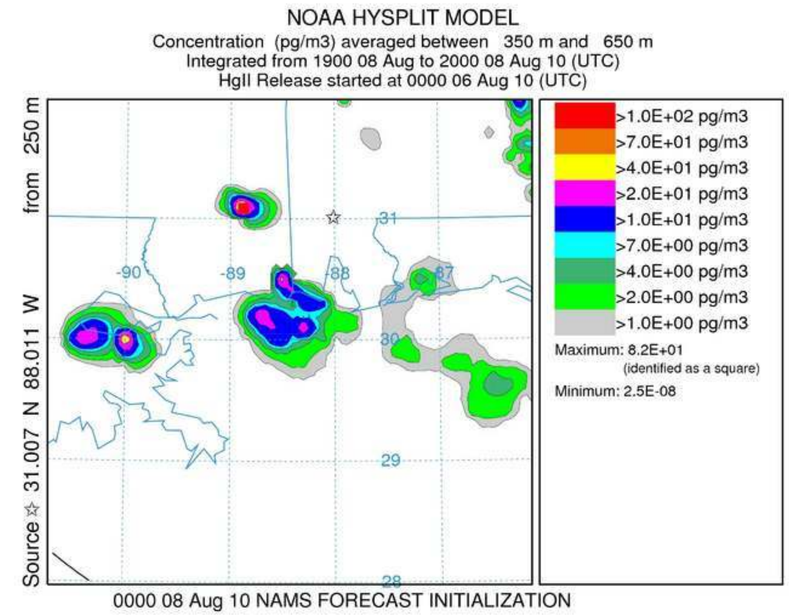
NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1800 08 Aug to 1900 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)

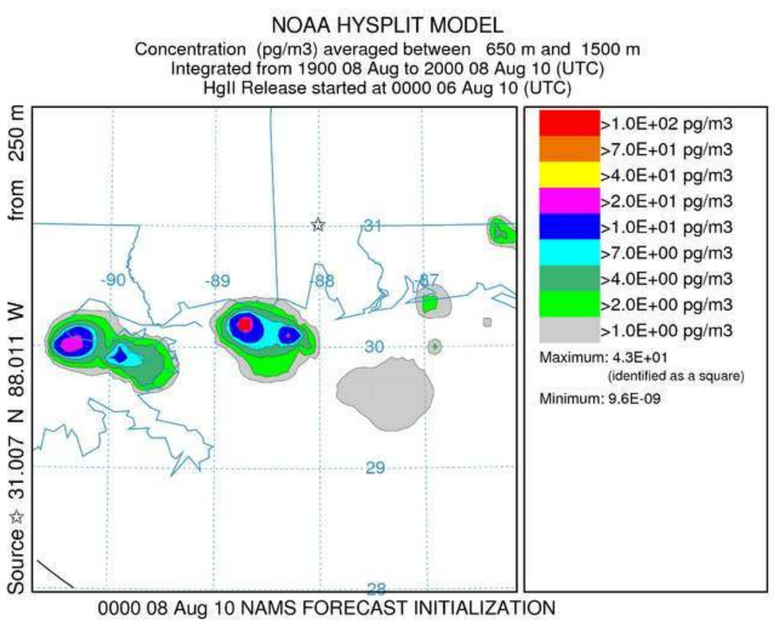


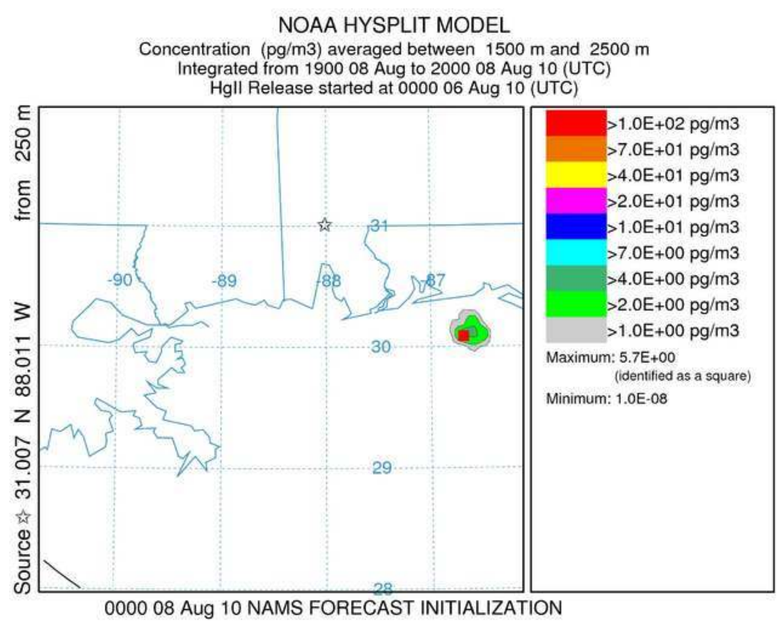
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

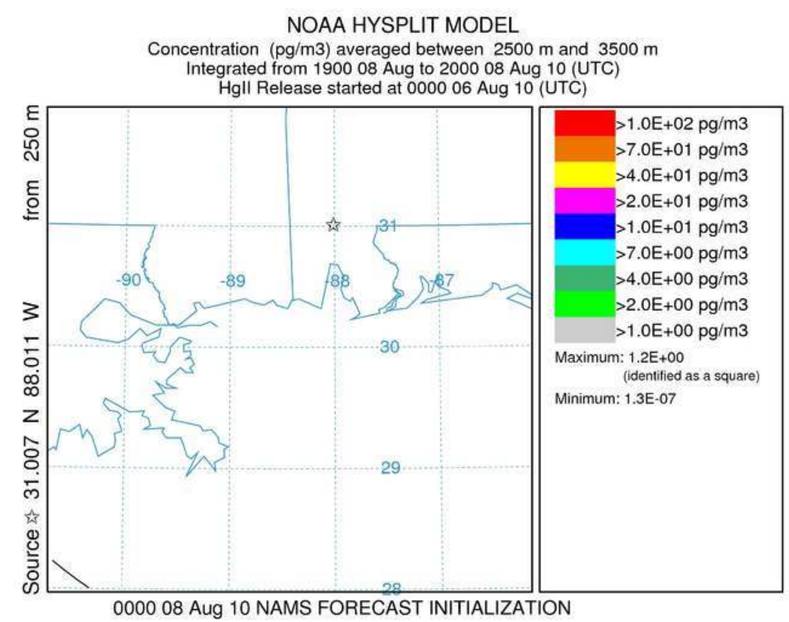

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1900 08 Aug to 2000 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 5.1E+02
(identified as a square)
Minimum: 1.9E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

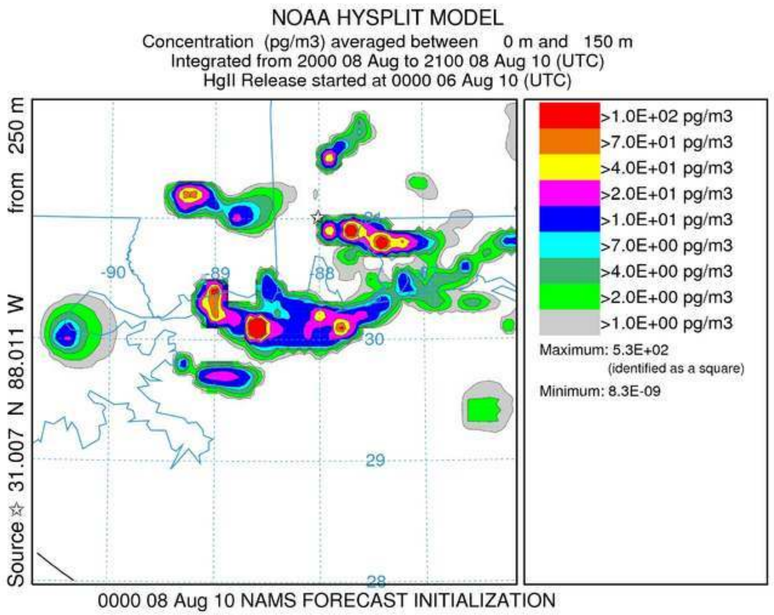

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1900 08 Aug to 2000 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 5.1E+02
(identified as a square)
Minimum: 1.9E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

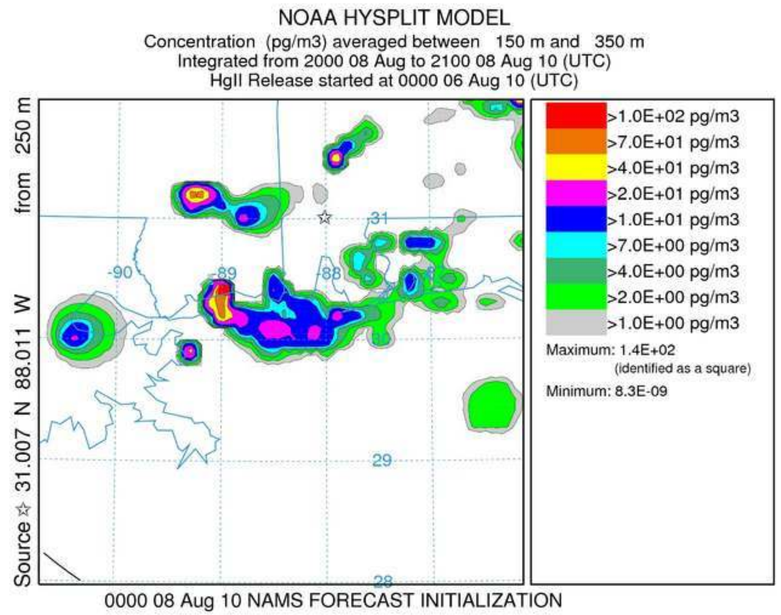

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1900 08 Aug to 2000 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 8.2E+01
(identified as a square)
Minimum: 2.5E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

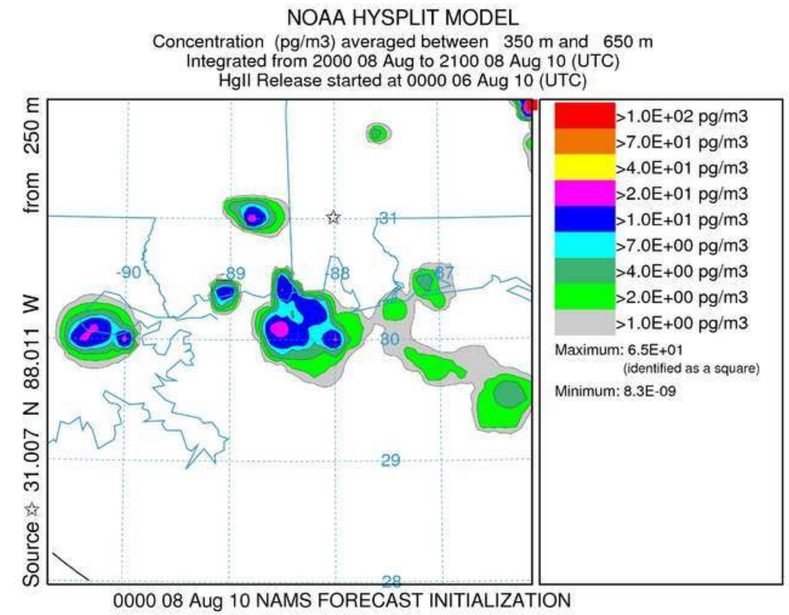

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1900 08 Aug to 2000 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.3E+01
(identified as a square)
Minimum: 9.6E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

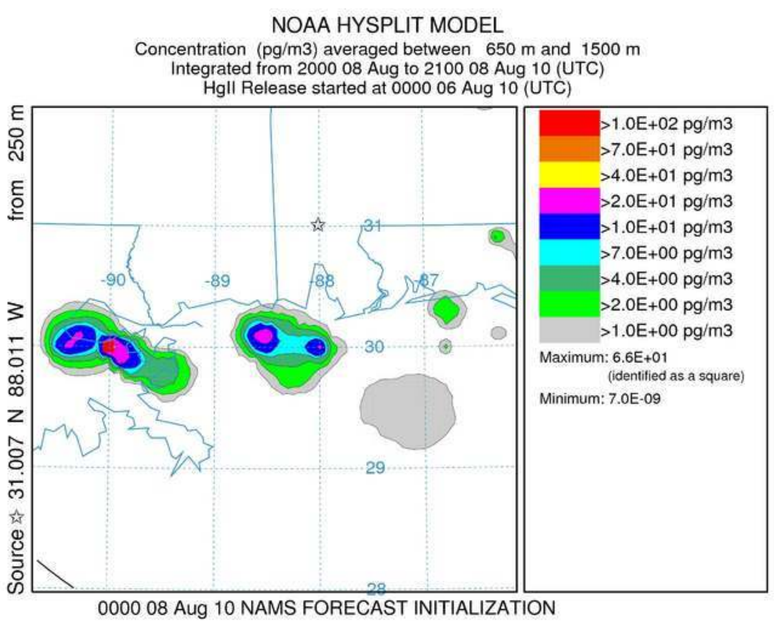

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1900 08 Aug to 2000 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 5.7E+00
(identified as a square)
Minimum: 1.0E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

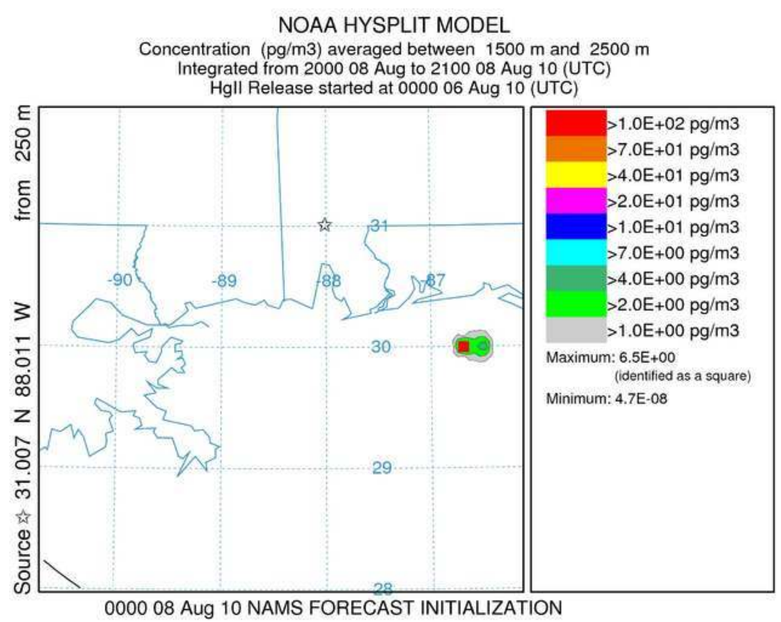

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1900 08 Aug to 2000 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.2E+00
(identified as a square)
Minimum: 1.3E-07
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

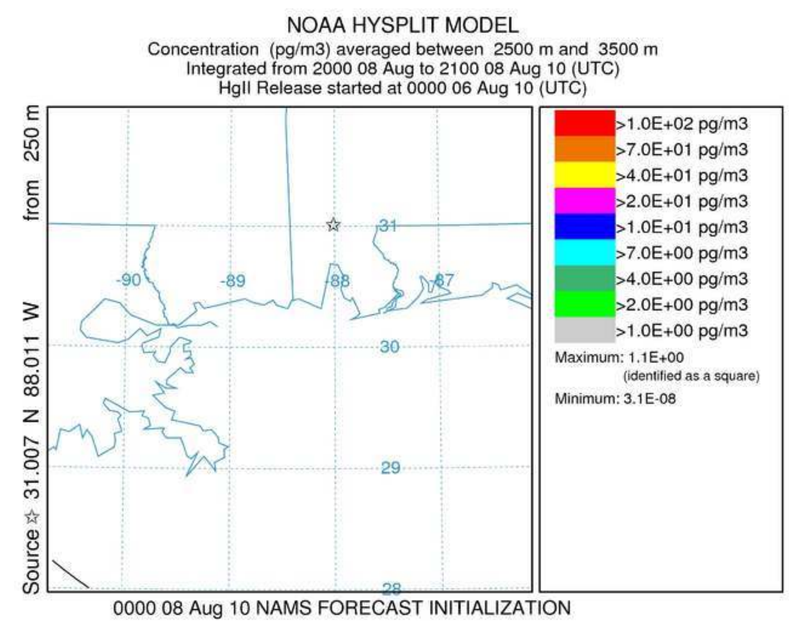

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 2000 08 Aug to 2100 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 5.3E+02
(identified as a square)
Minimum: 8.3E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

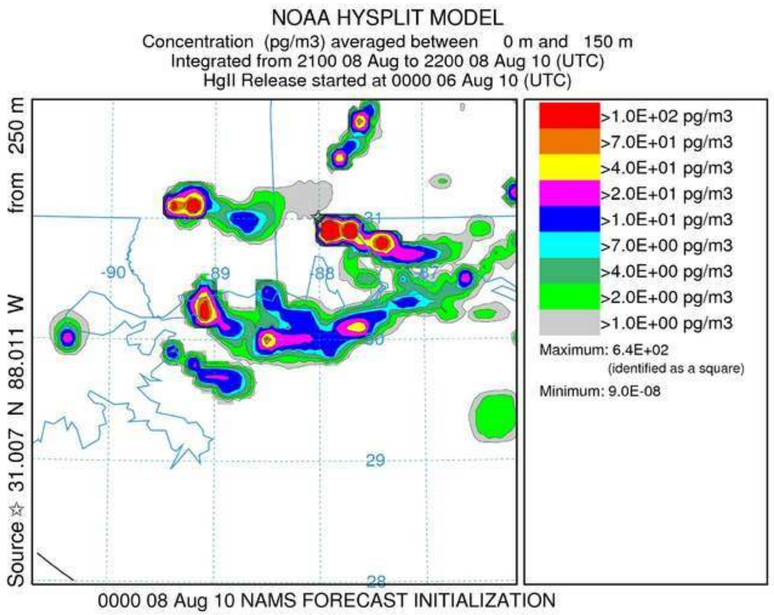

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 2000 08 Aug to 2100 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.4E+02
(identified as a square)
Minimum: 8.3E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

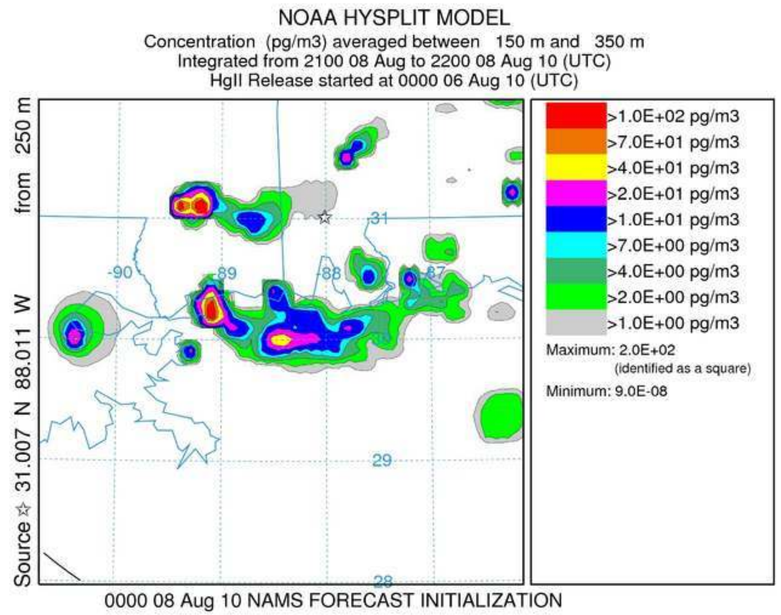

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 2000 08 Aug to 2100 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 6.5E+01
(identified as a square)
Minimum: 8.3E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

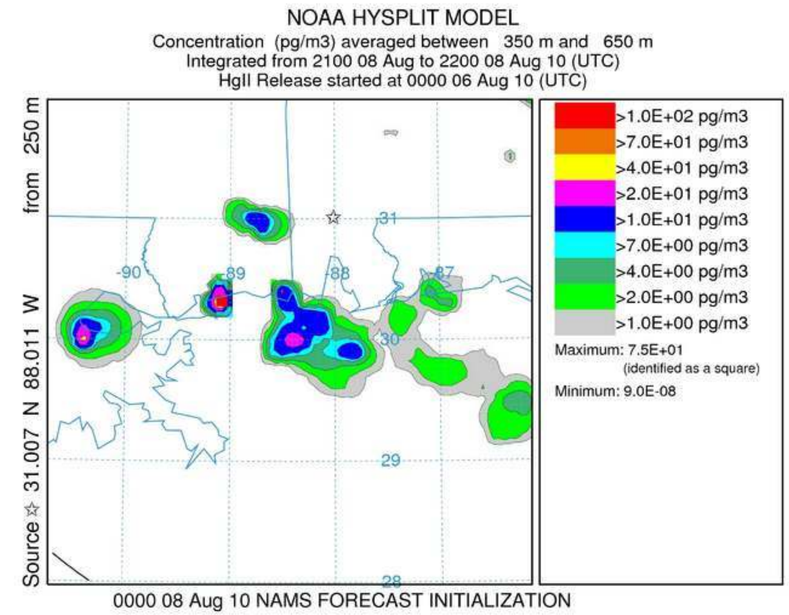

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 2000 08 Aug to 2100 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 6.6E+01
(identified as a square)
Minimum: 7.0E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

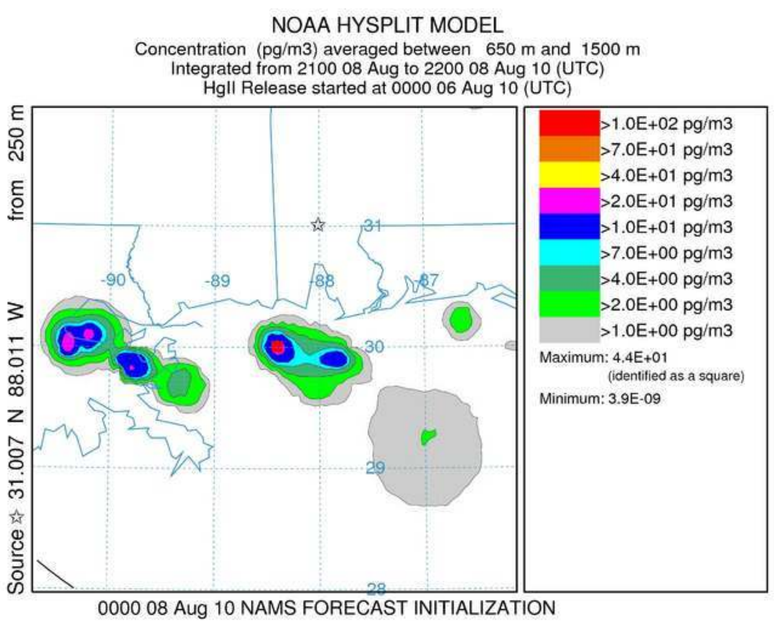

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 2000 08 Aug to 2100 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 6.5E+00
(identified as a square)
Minimum: 4.7E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

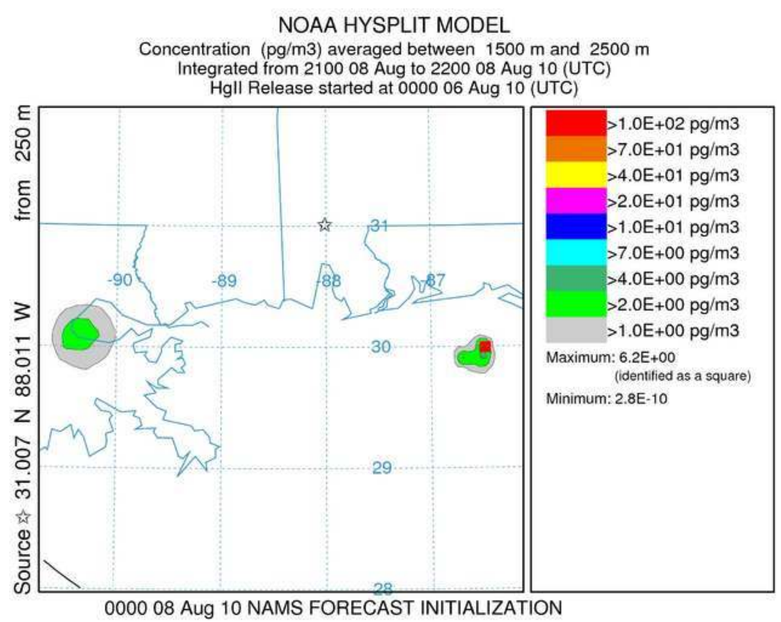

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 2000 08 Aug to 2100 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.1E+00
(identified as a square)
Minimum: 3.1E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

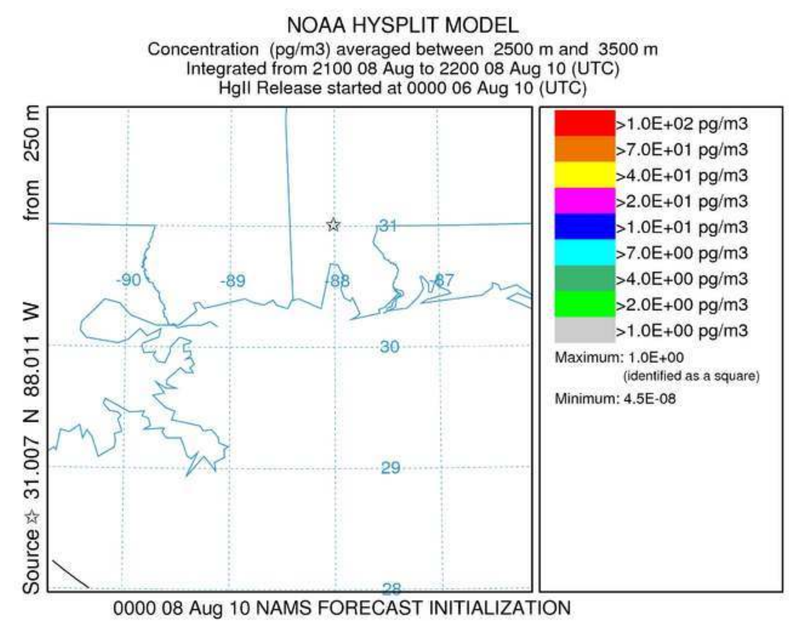

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 2100 08 Aug to 2200 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 6.4E+02
(identified as a square)
Minimum: 9.0E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 2100 08 Aug to 2200 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 2.0E+02
(identified as a square)
Minimum: 9.0E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

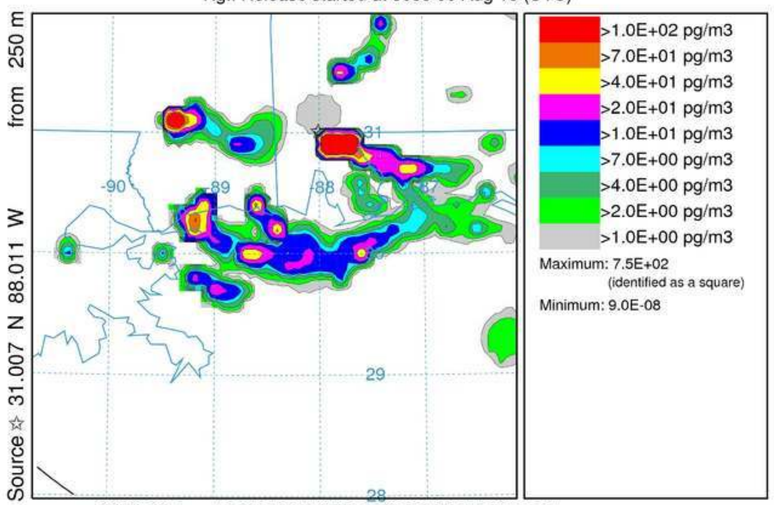

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 2100 08 Aug to 2200 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 7.5E+01
(identified as a square)
Minimum: 9.0E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 2100 08 Aug to 2200 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.4E+01
(identified as a square)
Minimum: 3.9E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 2100 08 Aug to 2200 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 6.2E+00
(identified as a square)
Minimum: 2.8E-10
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

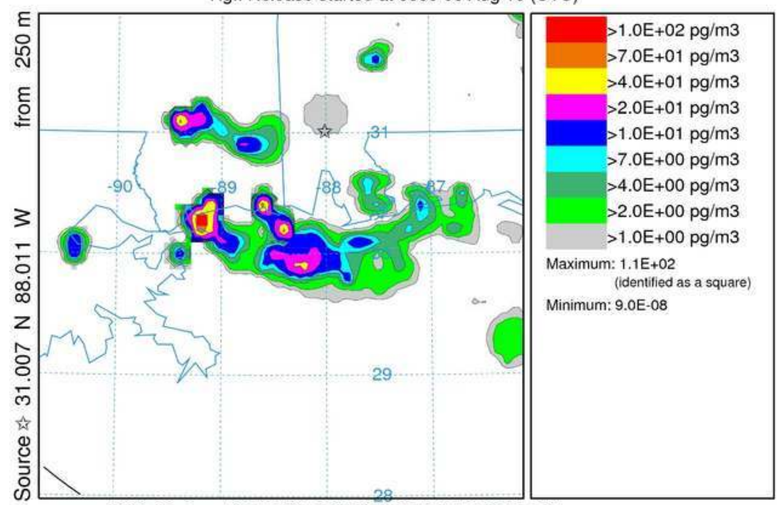

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 2100 08 Aug to 2200 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.0E+00
(identified as a square)
Minimum: 4.5E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 2200 08 Aug to 2300 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



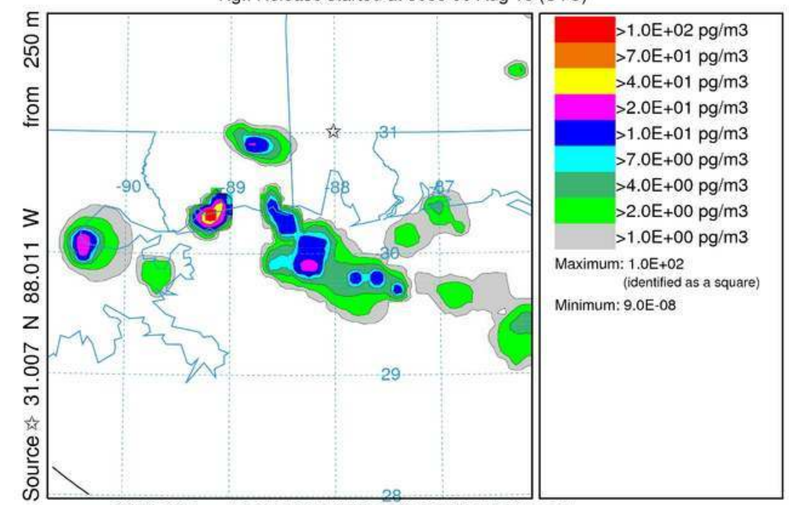
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 2200 08 Aug to 2300 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



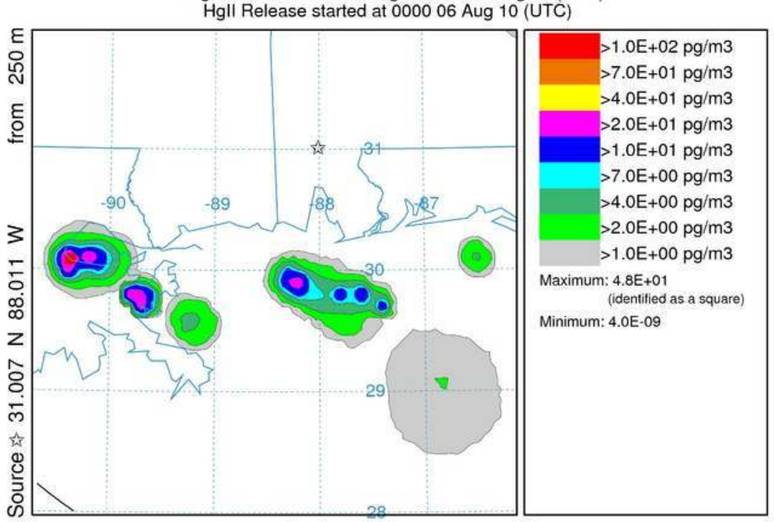
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 2200 08 Aug to 2300 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



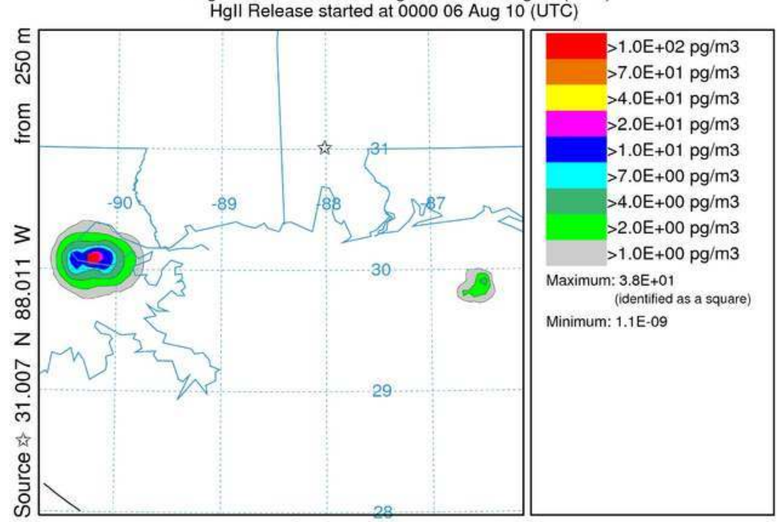
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 2200 08 Aug to 2300 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)



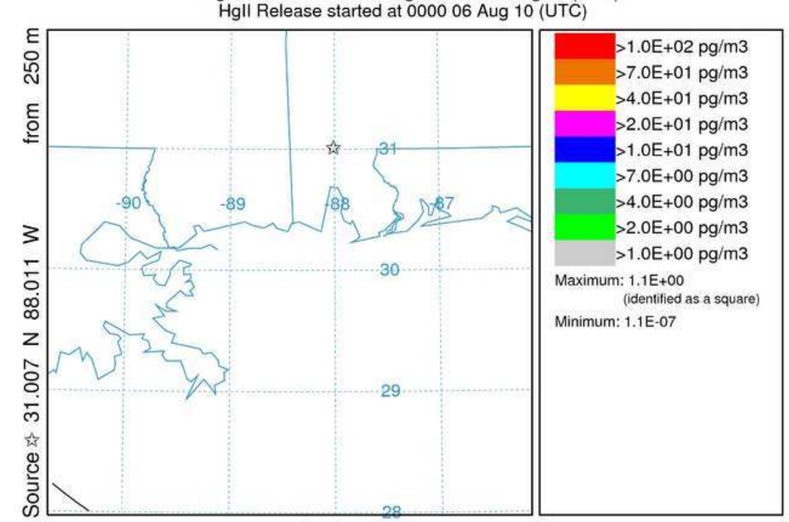
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 2200 08 Aug to 2300 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)

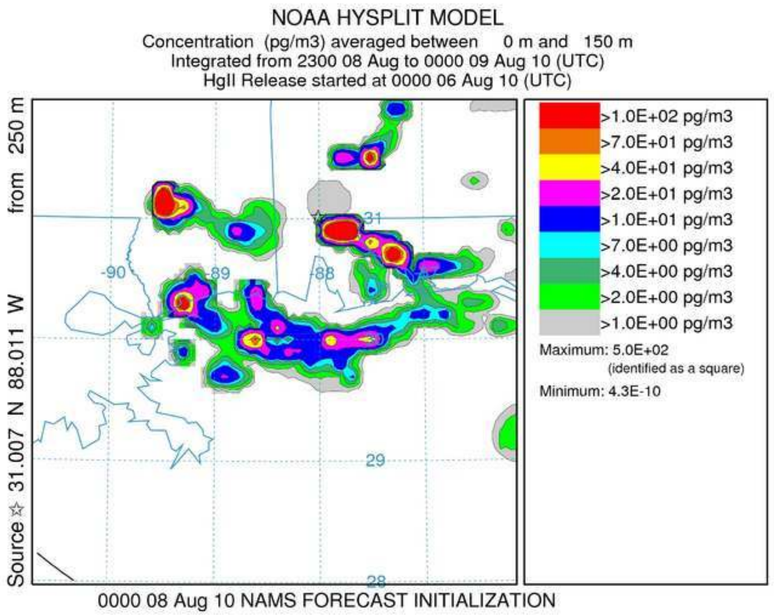


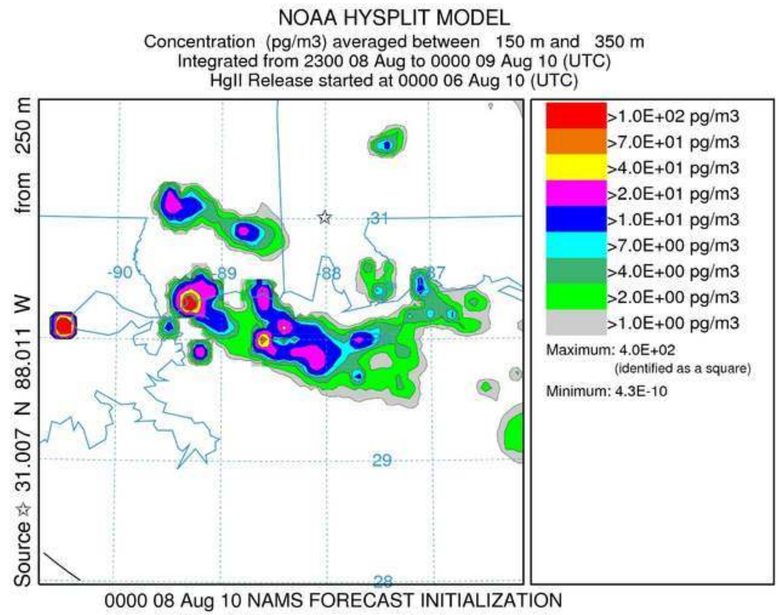
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

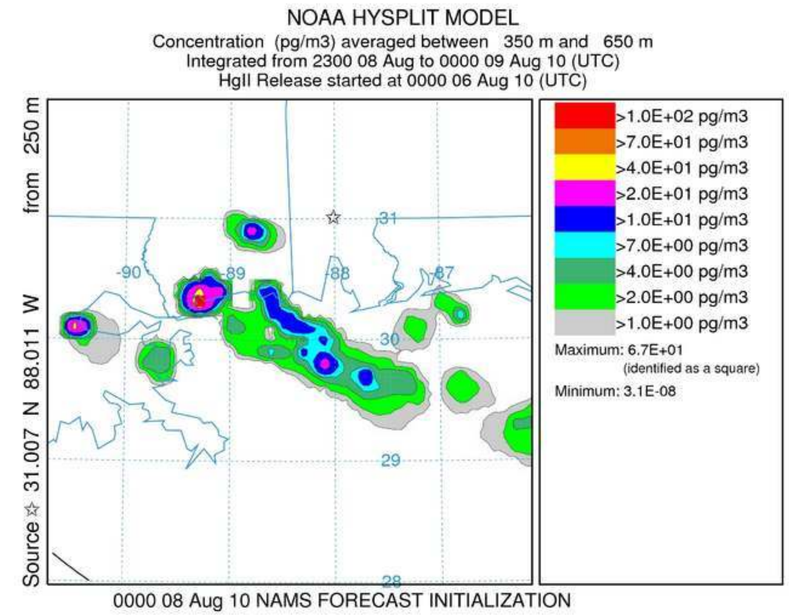
NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 2200 08 Aug to 2300 08 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)

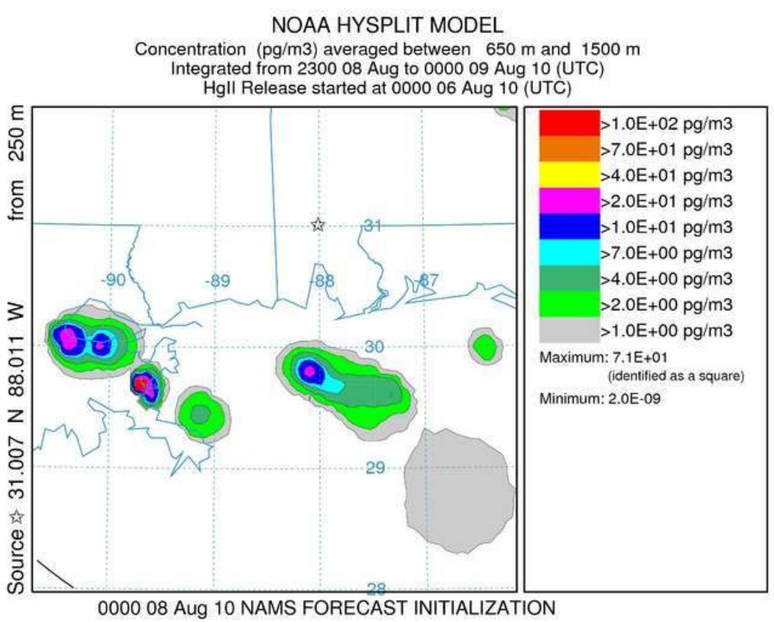


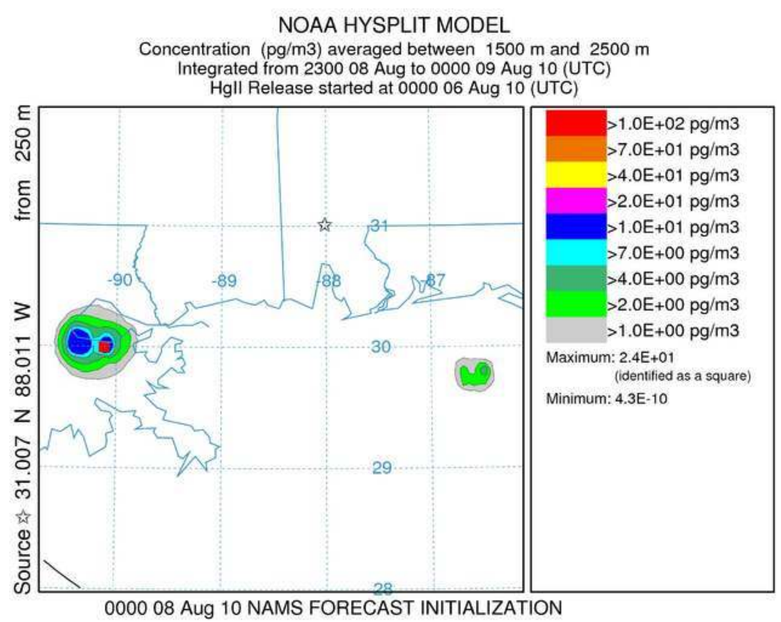
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

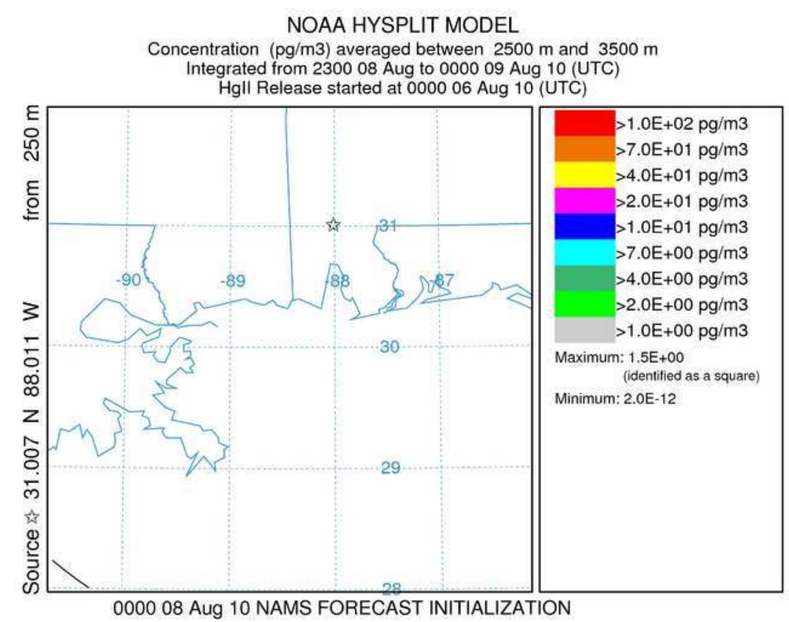

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 2300 08 Aug to 0000 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 5.0E+02
(identified as a square)
Minimum: 4.3E-10
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

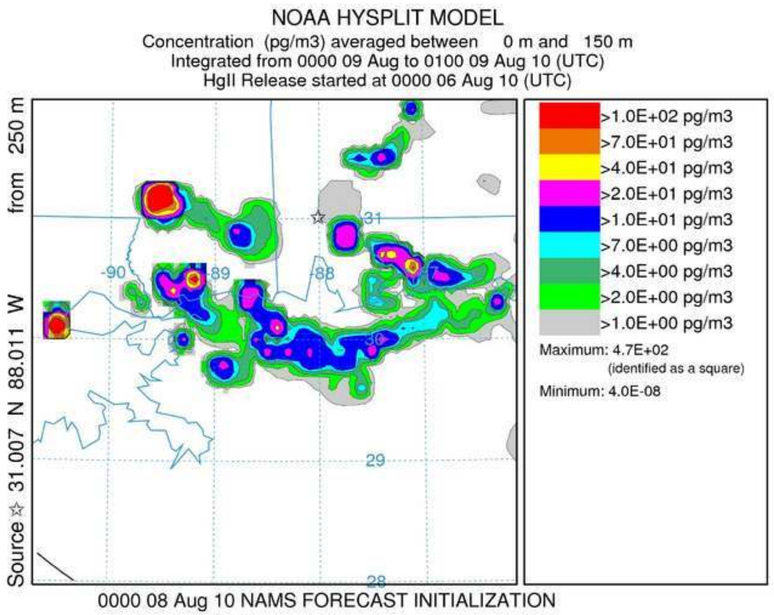

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 2300 08 Aug to 0000 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.0E+02
(identified as a square)
Minimum: 4.3E-10
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

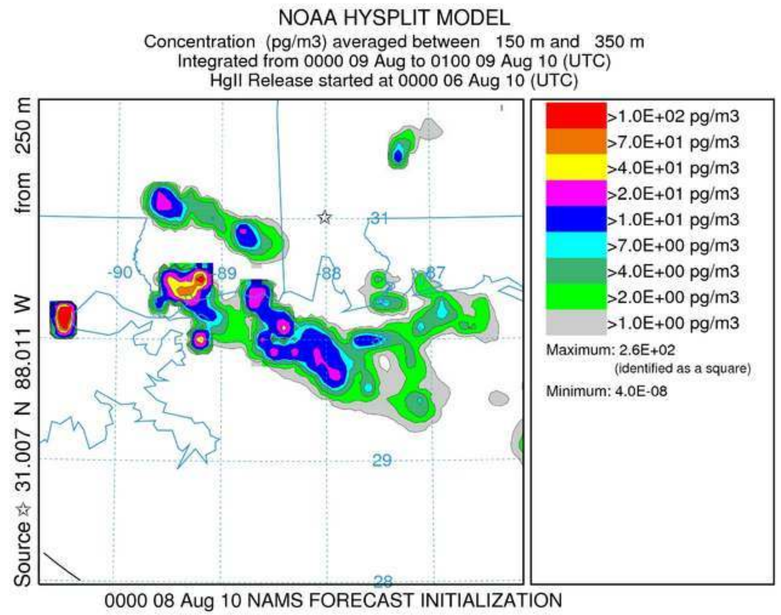

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 2300 08 Aug to 0000 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 6.7E+01
(identified as a square)
Minimum: 3.1E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

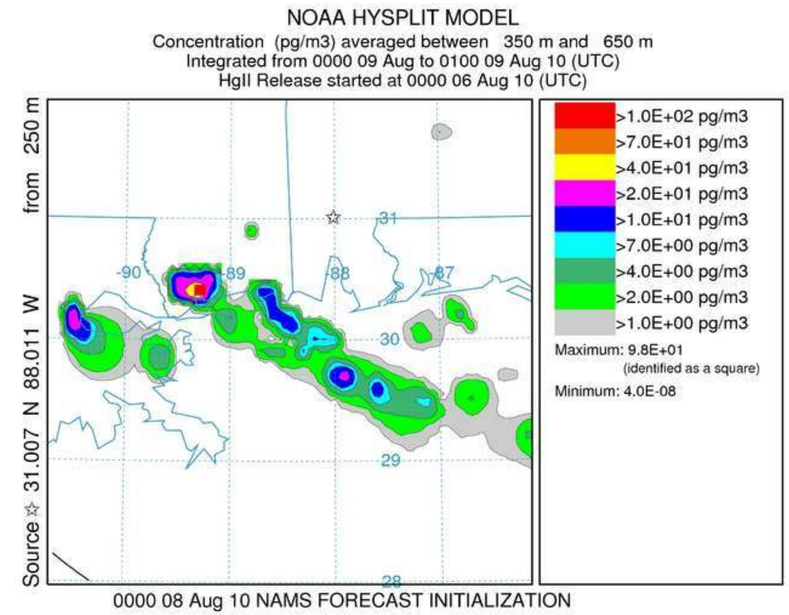

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 2300 08 Aug to 0000 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 7.1E+01
(identified as a square)
Minimum: 2.0E-09
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

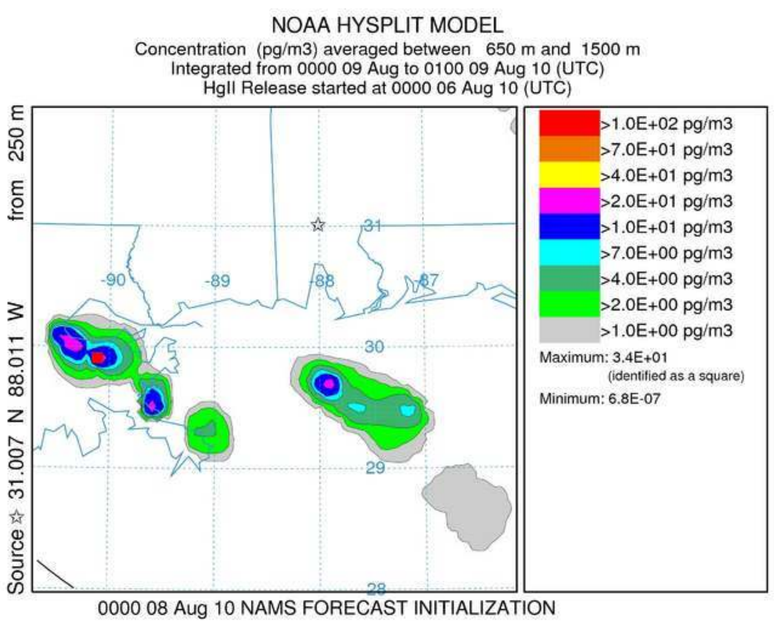

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 2300 08 Aug to 0000 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 2.4E+01
(identified as a square)
Minimum: 4.3E-10
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

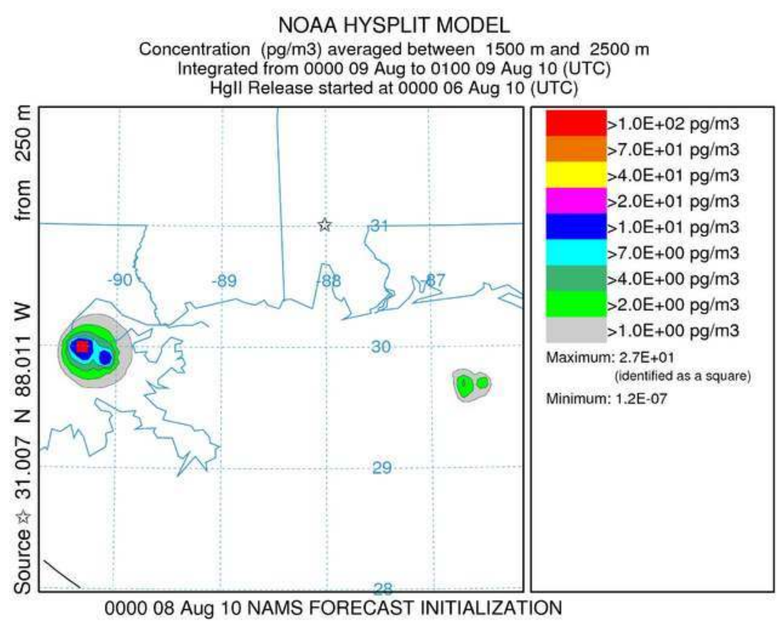

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 2300 08 Aug to 0000 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.5E+00
(identified as a square)
Minimum: 2.0E-12
0000 08 Aug 10 NAMS FORECAST INITIALIZATION

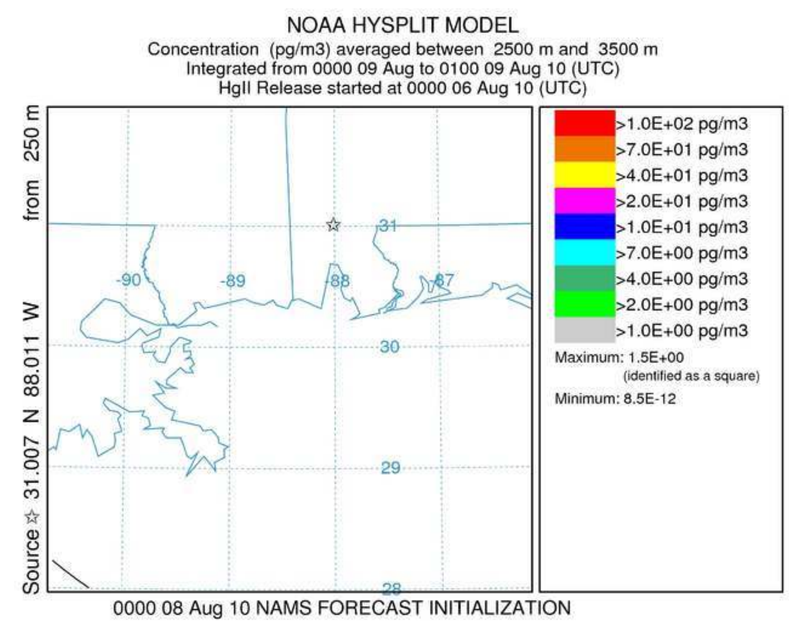

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 0000 09 Aug to 0100 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.7E+02
(identified as a square)
Minimum: 4.0E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 0000 09 Aug to 0100 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 2.6E+02
(identified as a square)
Minimum: 4.0E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 0000 09 Aug to 0100 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 9.8E+01
(identified as a square)
Minimum: 4.0E-08
0000 08 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 0000 09 Aug to 0100 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 3.4E+01
(identified as a square)
Minimum: 6.8E-07
0000 08 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 0000 09 Aug to 0100 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 2.7E+01
(identified as a square)
Minimum: 1.2E-07
0000 08 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 0000 09 Aug to 0100 09 Aug 10 (UTC)
HgII Release started at 0000 06 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.5E+00
(identified as a square)
Minimum: 8.5E-12
0000 08 Aug 10 NAMS FORECAST INITIALIZATION