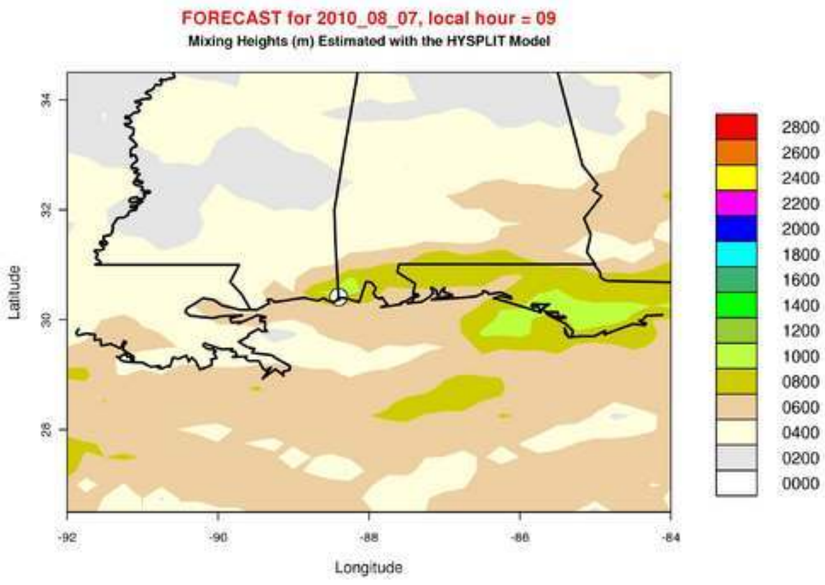
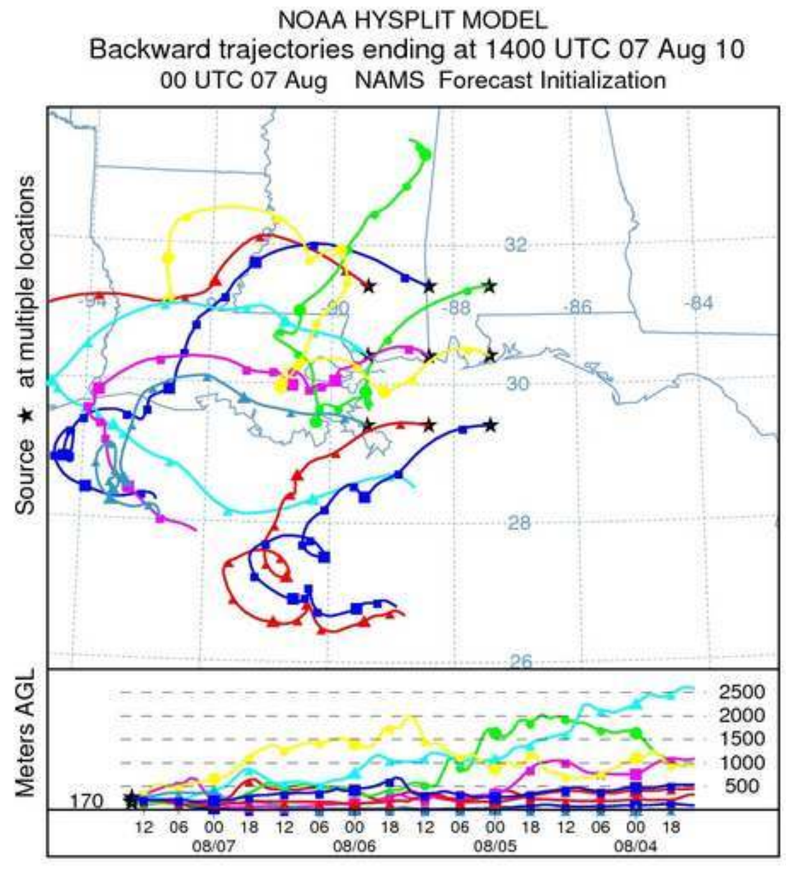
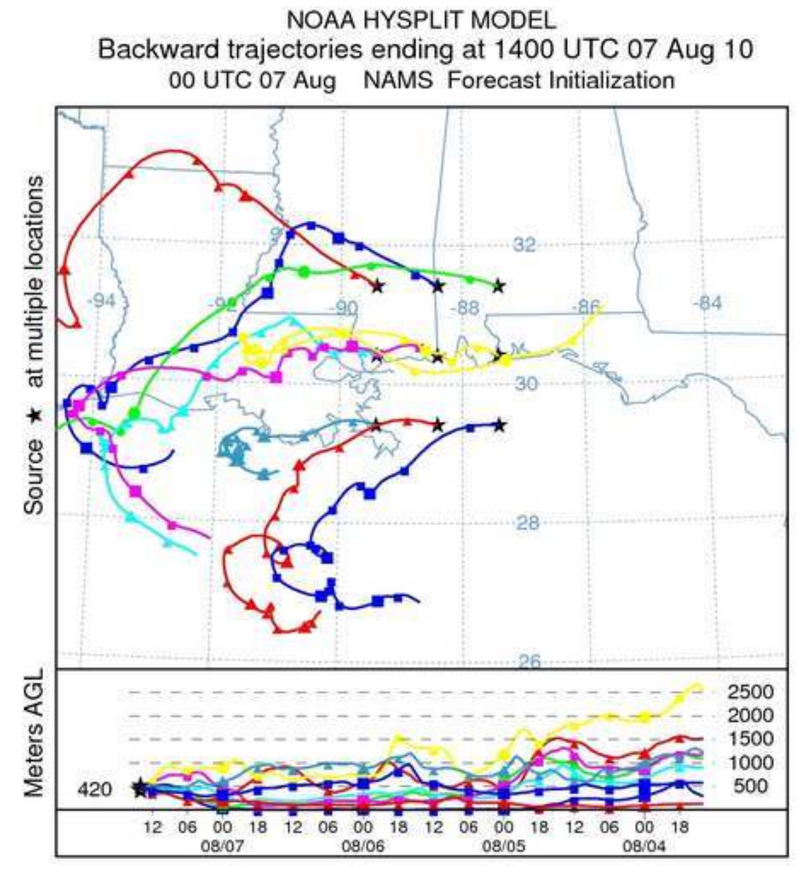
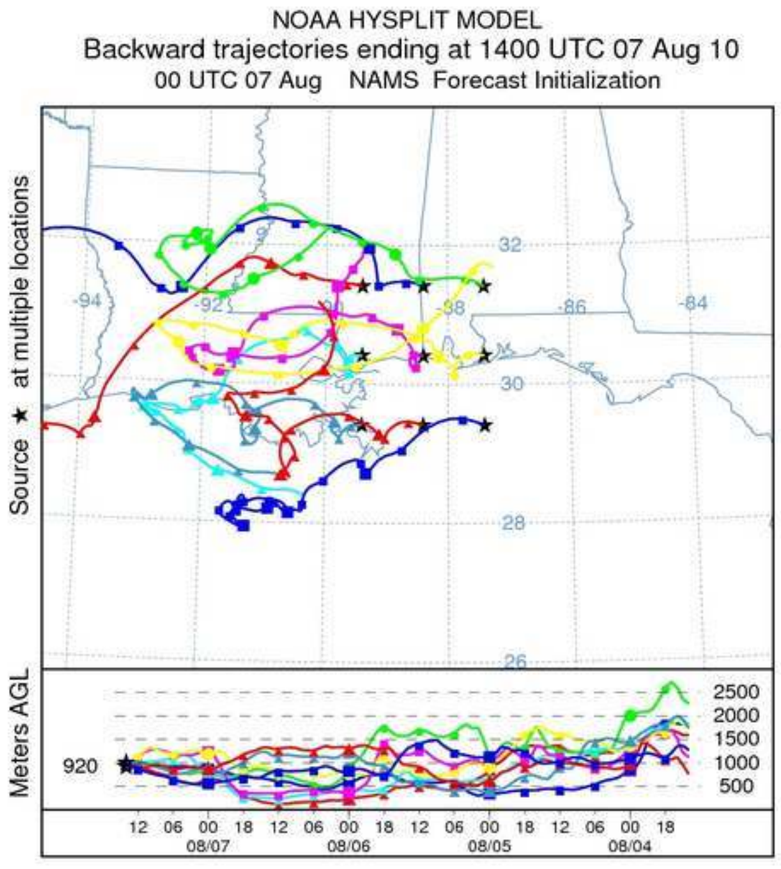
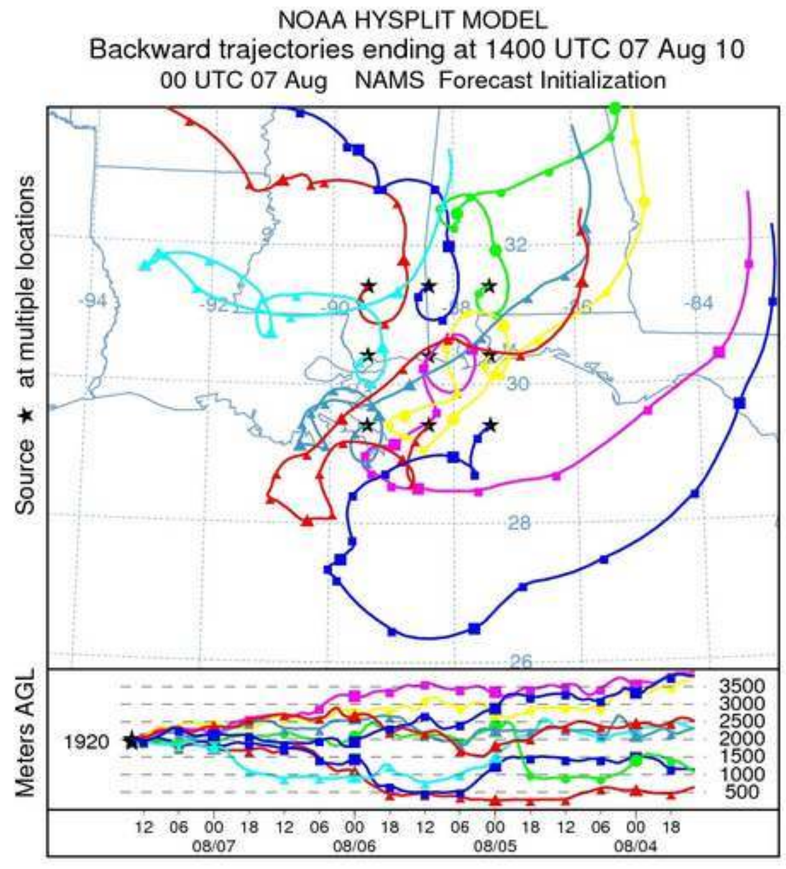
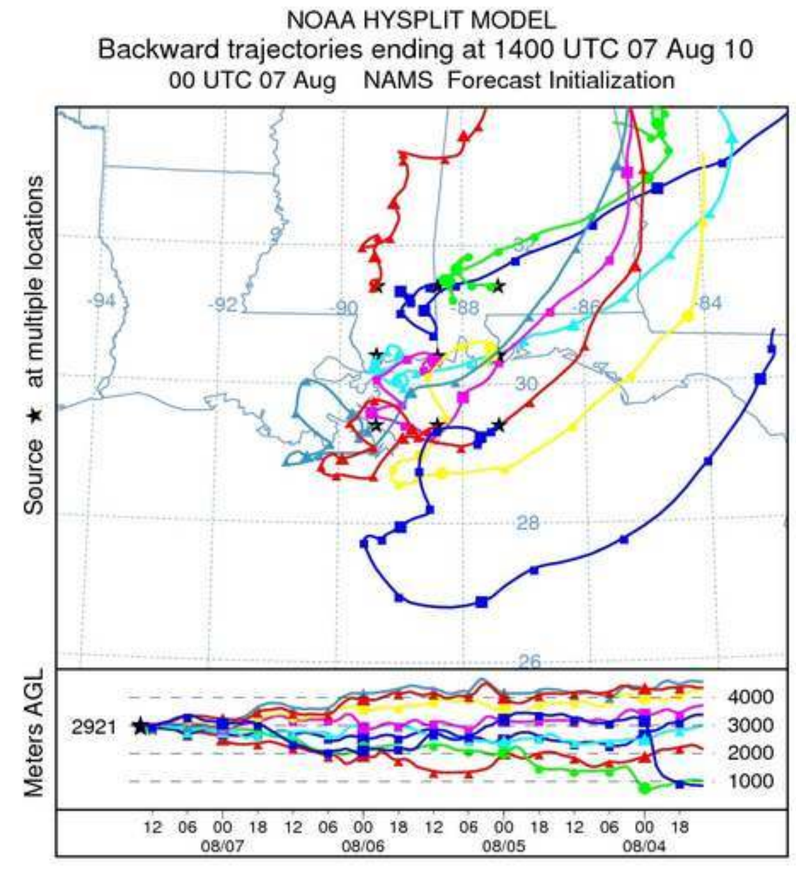

FORECAST for 2010_08_07, local hour = 09
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

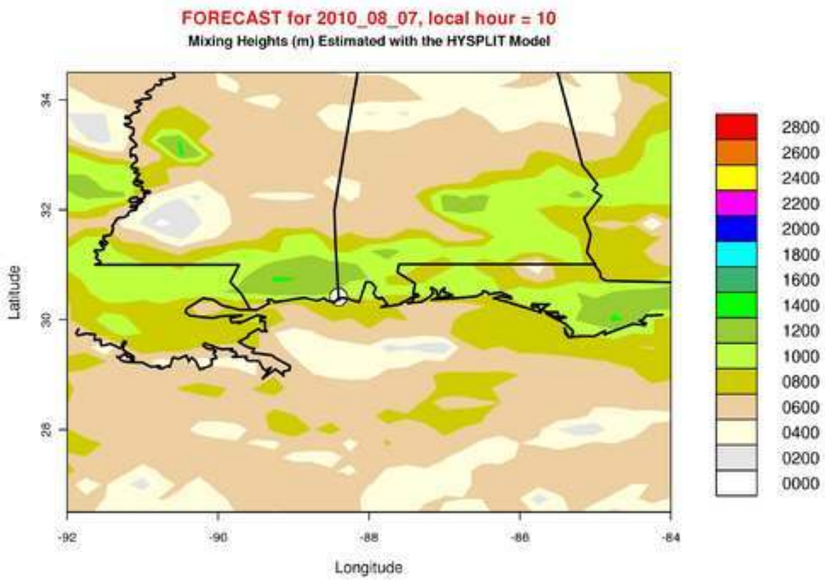

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
12 06 00 18 12 06 00 18 12 06 00 18 12 06 00 18
08/07 08/06 08/05 08/04

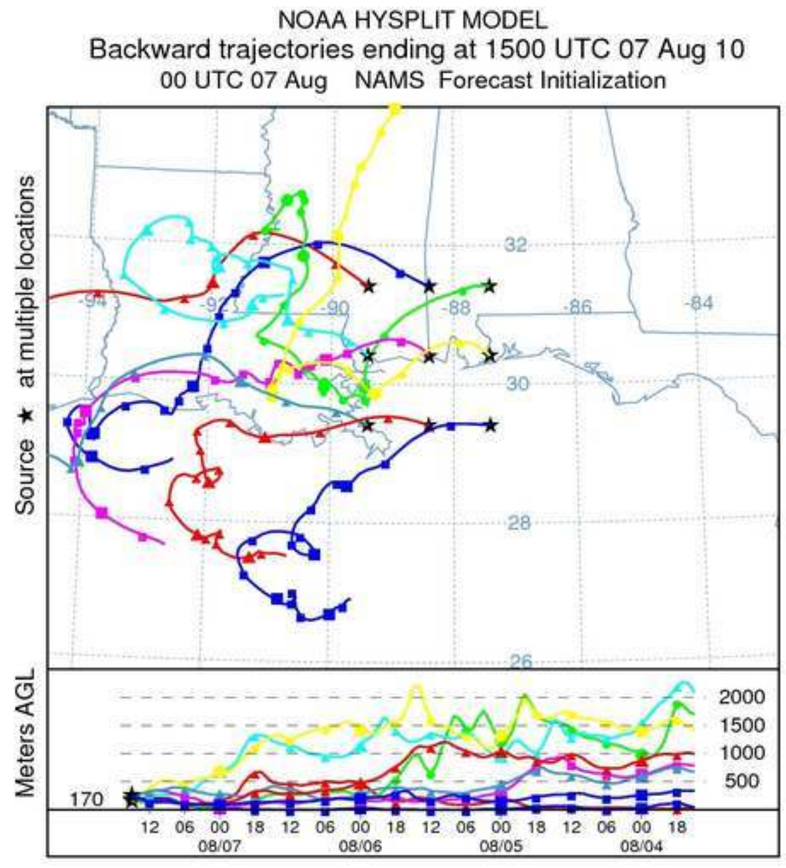

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2500
2000
1500
1000
500
12 06 00 18 12 06 00 18 12 06 00 18 12 06 00 18
08/07 08/06 08/05 08/04

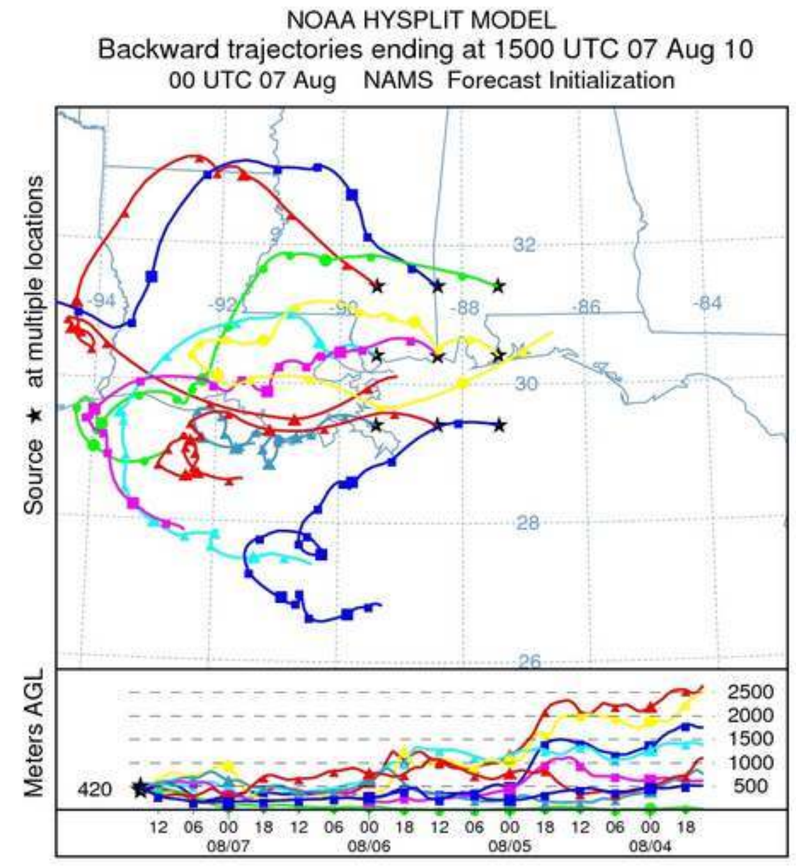

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
2500
2000
1500
1000
500
12 06 00 18 12 06 00 18 12 06 00 18 12 06 00 18
08/07 08/06 08/05 08/04

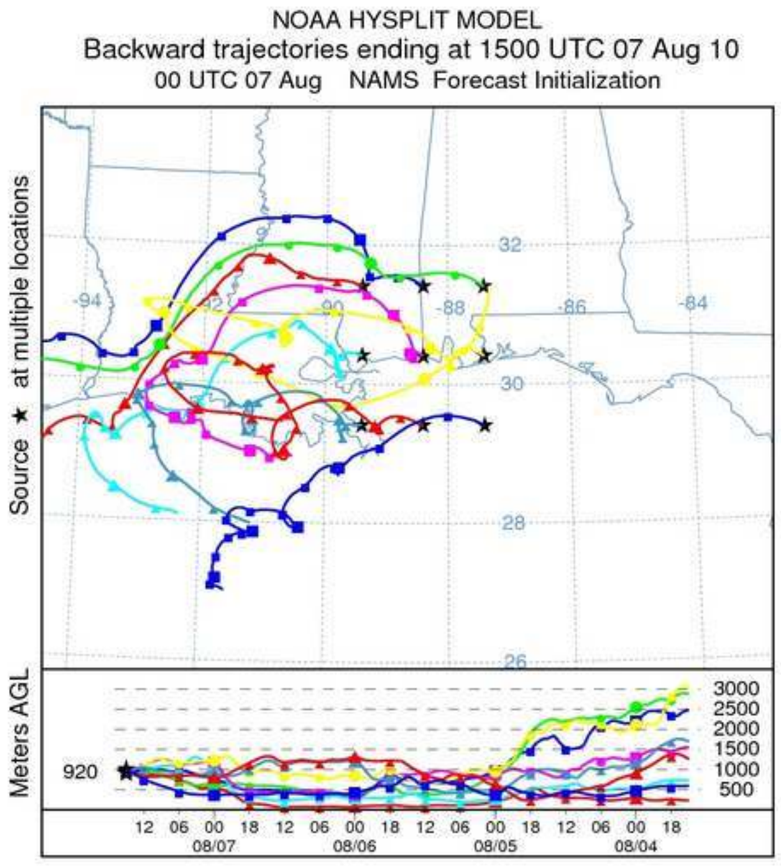

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1920
3500
3000
2500
2000
1500
1000
500
12 06 00 18 12 06 00 18 12 06 00 18 12 06 00 18
08/07 08/06 08/05 08/04

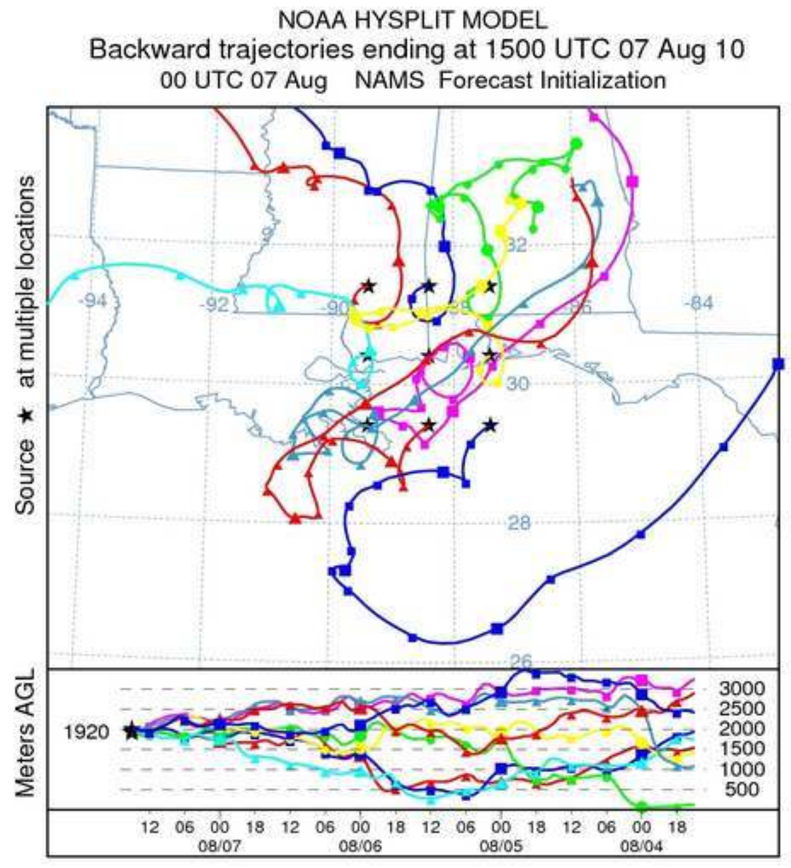

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
12 06 00 18 12 06 00 18 12 06 00 18 12 06 00 18
08/07 08/06 08/05 08/04

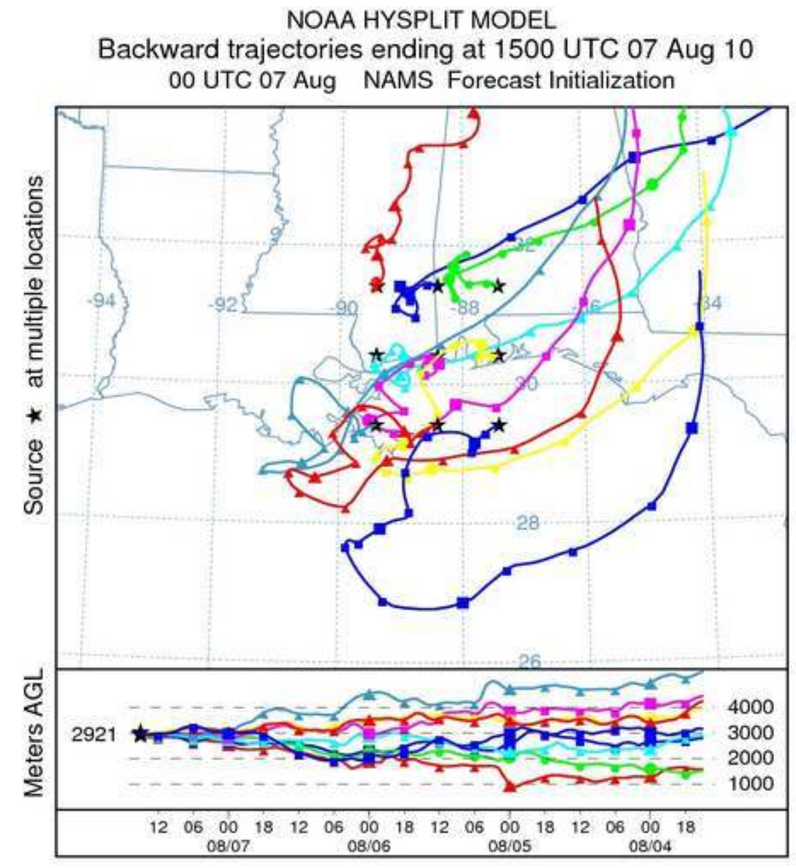

FORECAST for 2010_08_07, local hour = 10
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

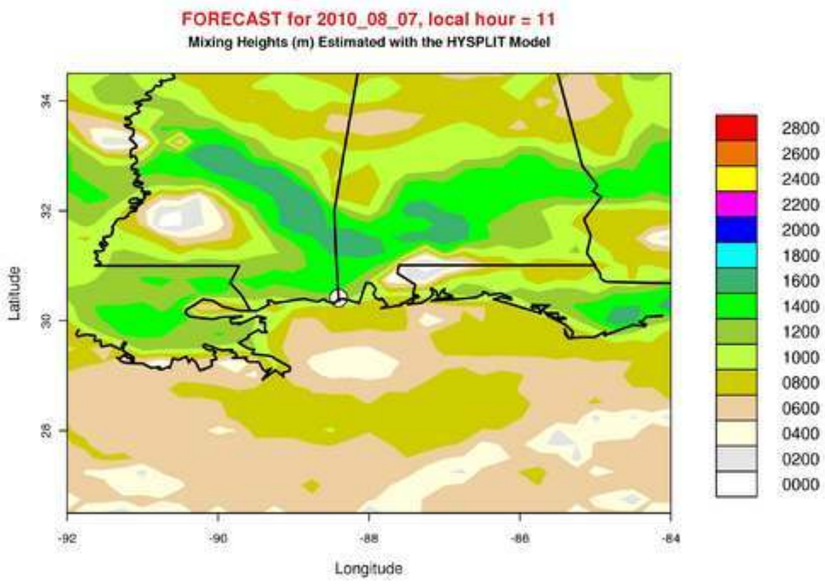

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2000
1500
1000
500
08/07
08/06
08/05
08/04

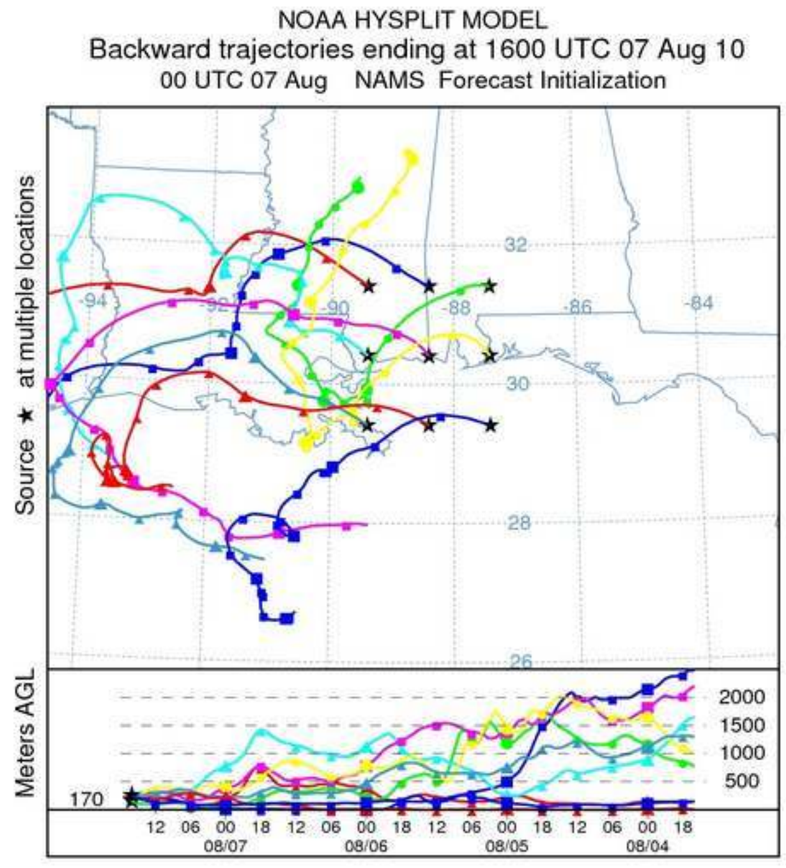

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

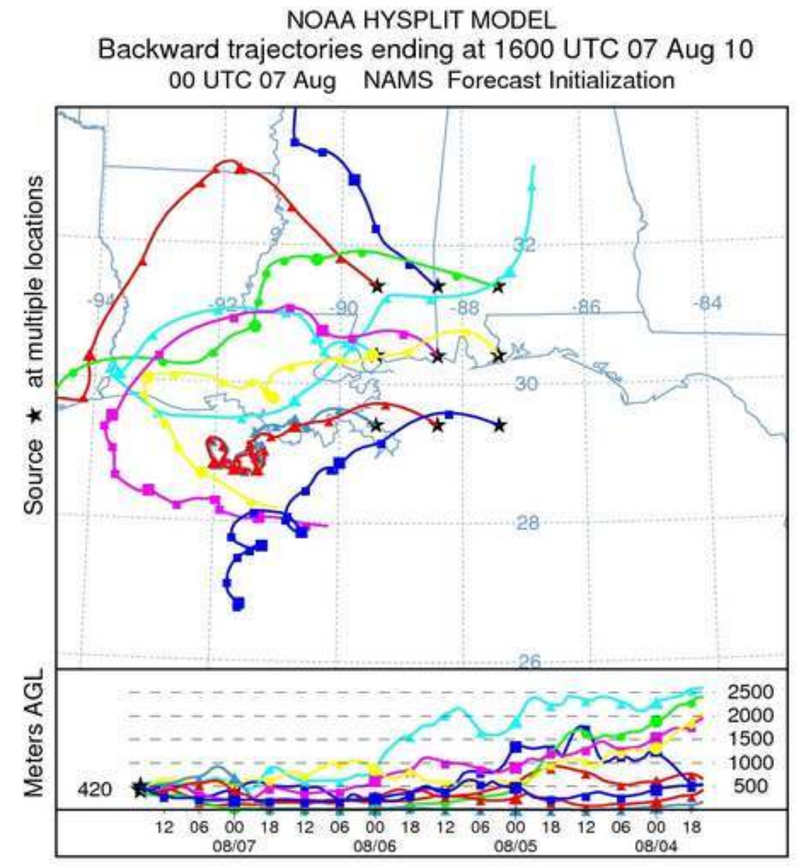

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

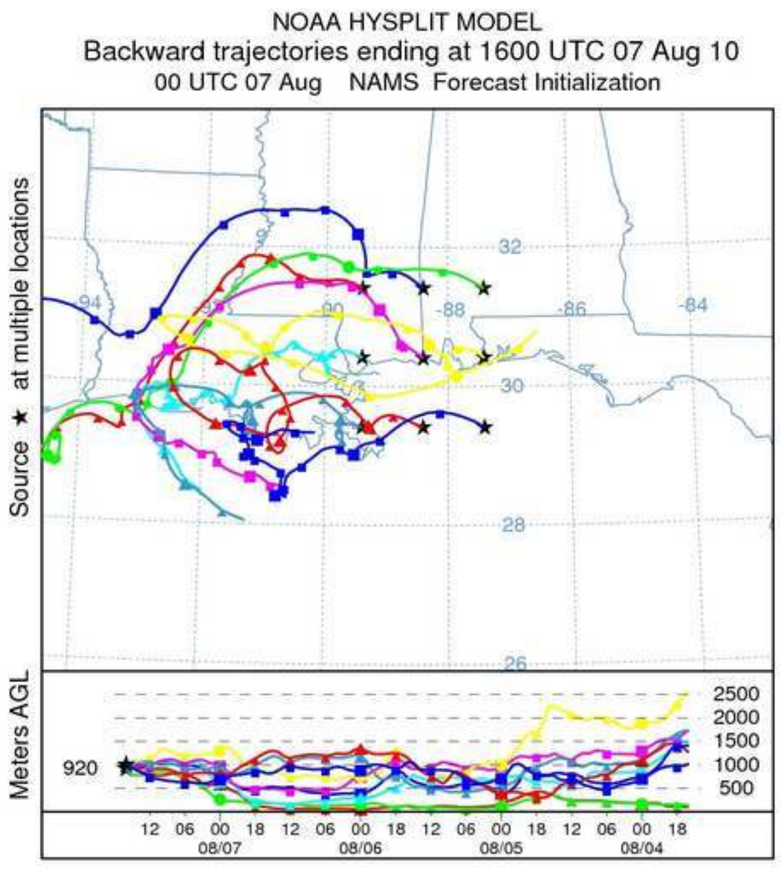

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1920
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

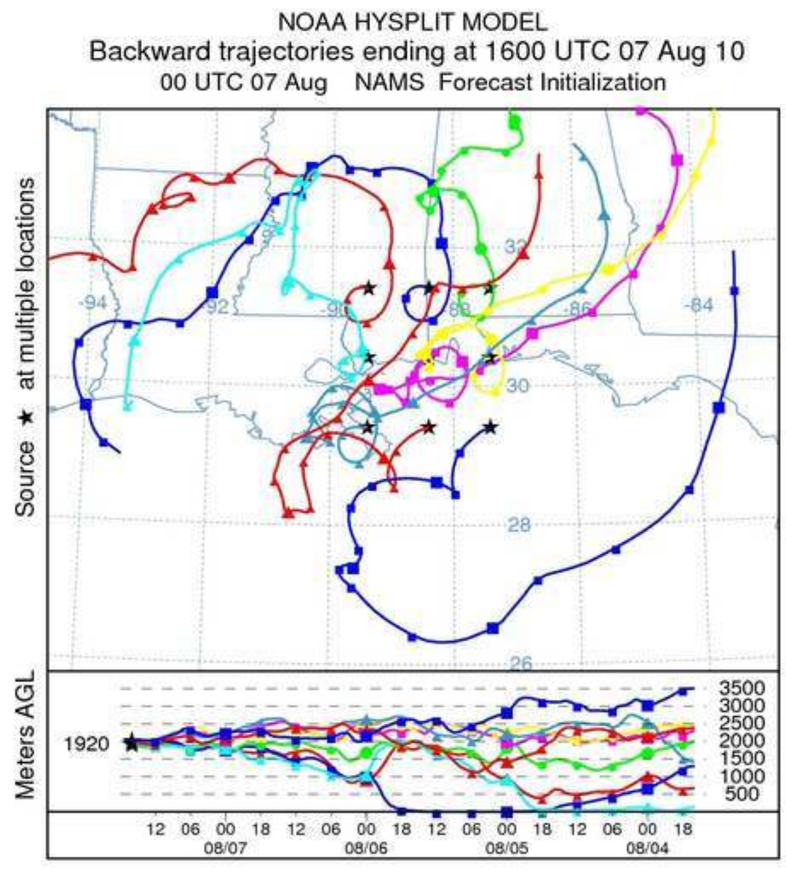

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/07
08/06
08/05
08/04

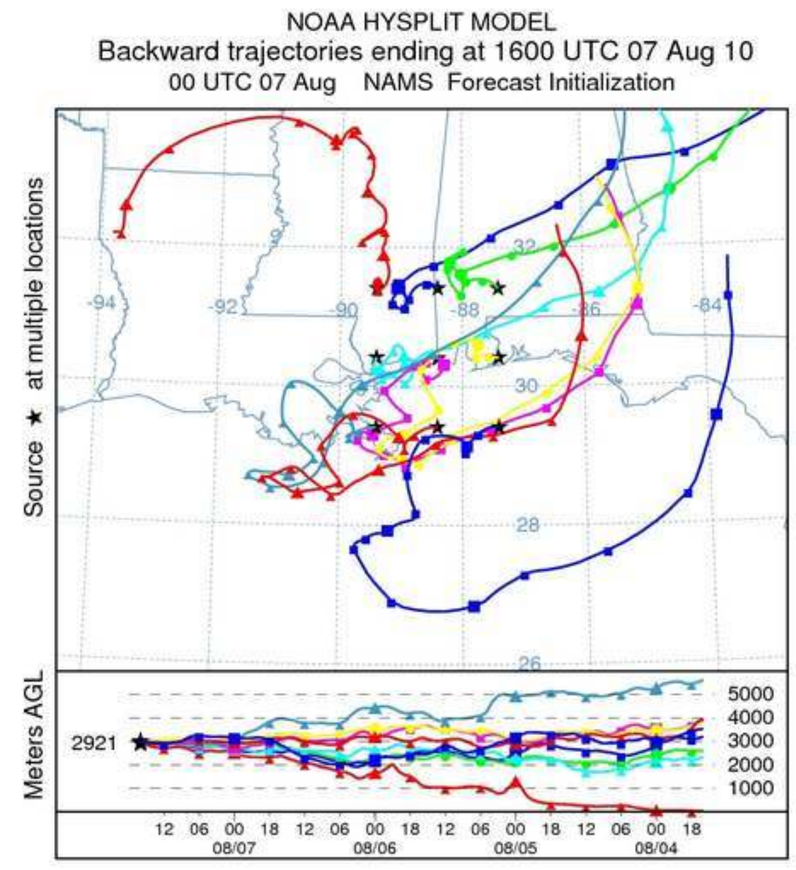

FORECAST for 2010_08_07, local hour = 11
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

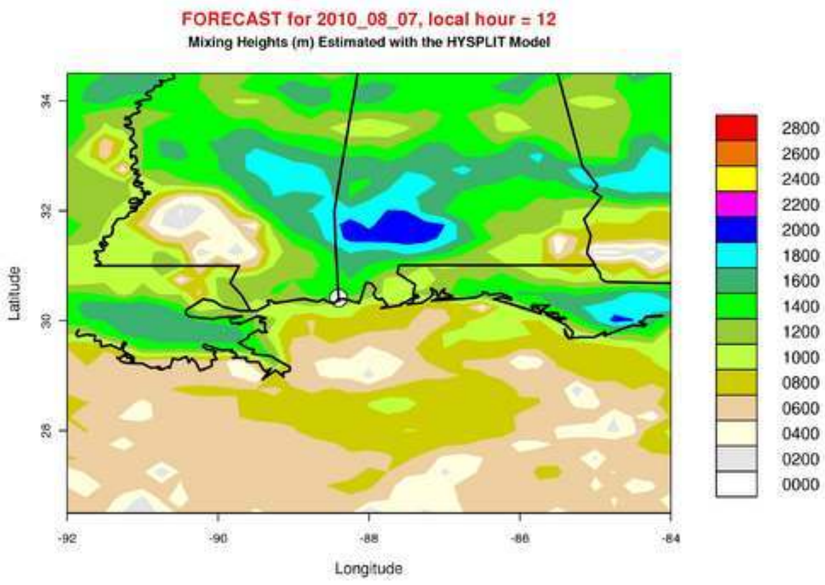

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2000
1500
1000
500
08/07
08/06
08/05
08/04

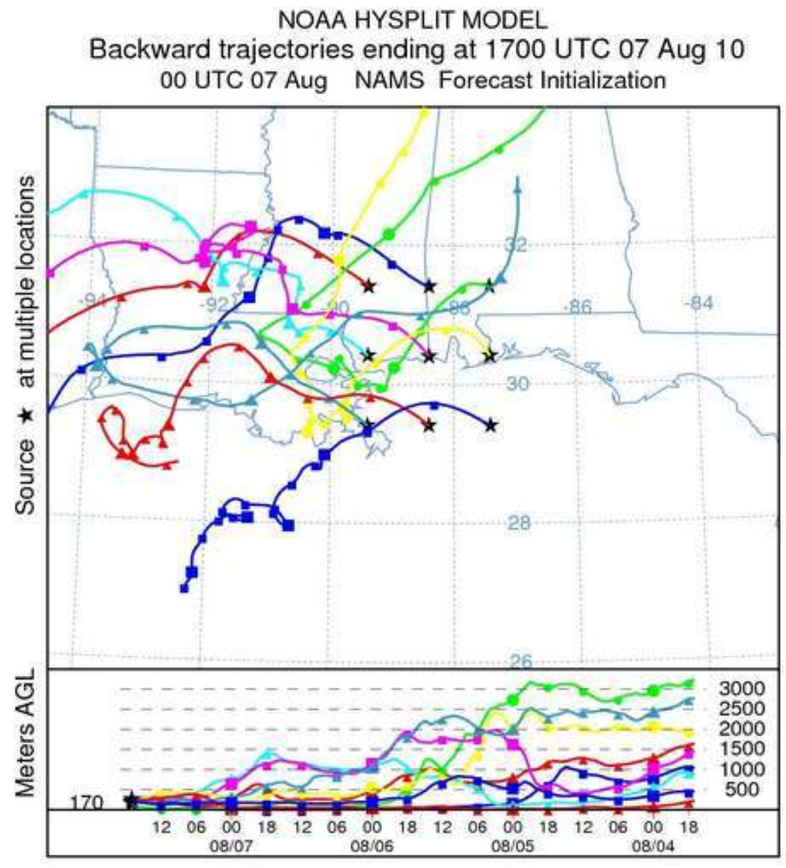

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

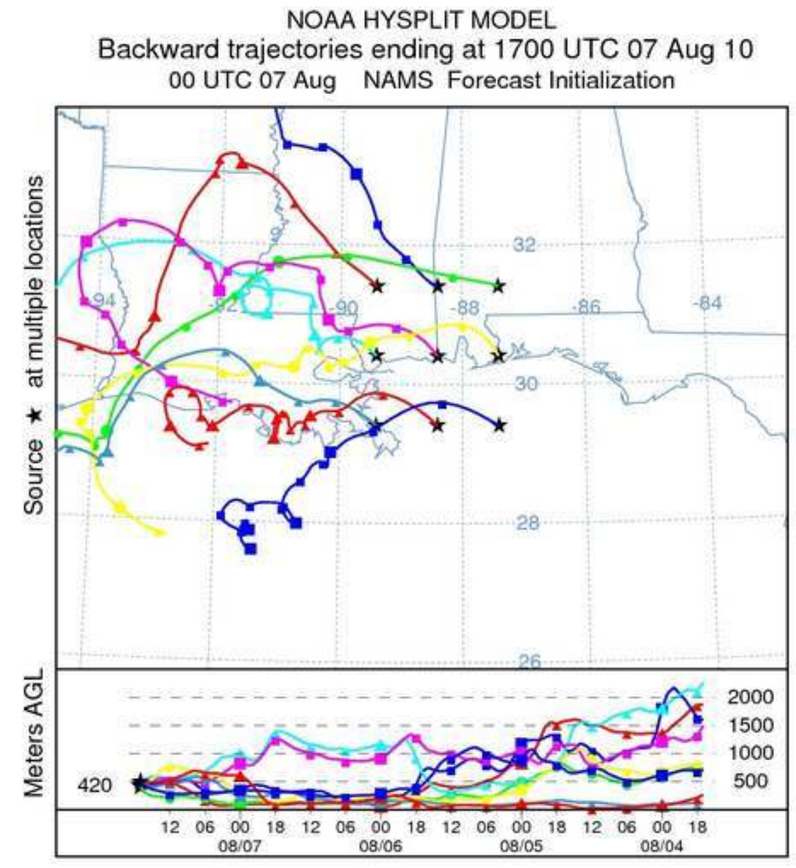

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

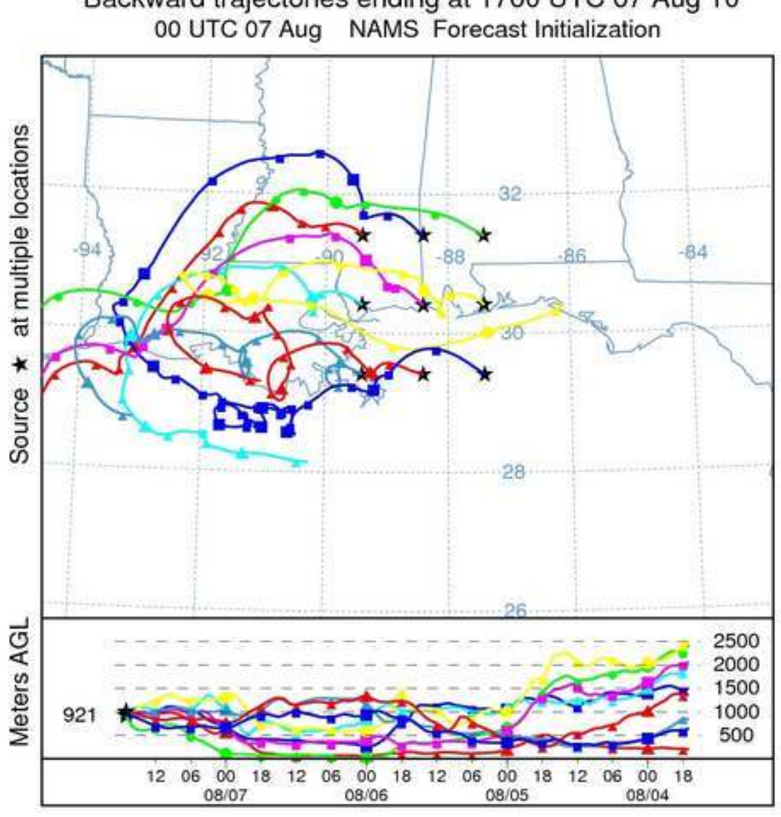

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1920
3500
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

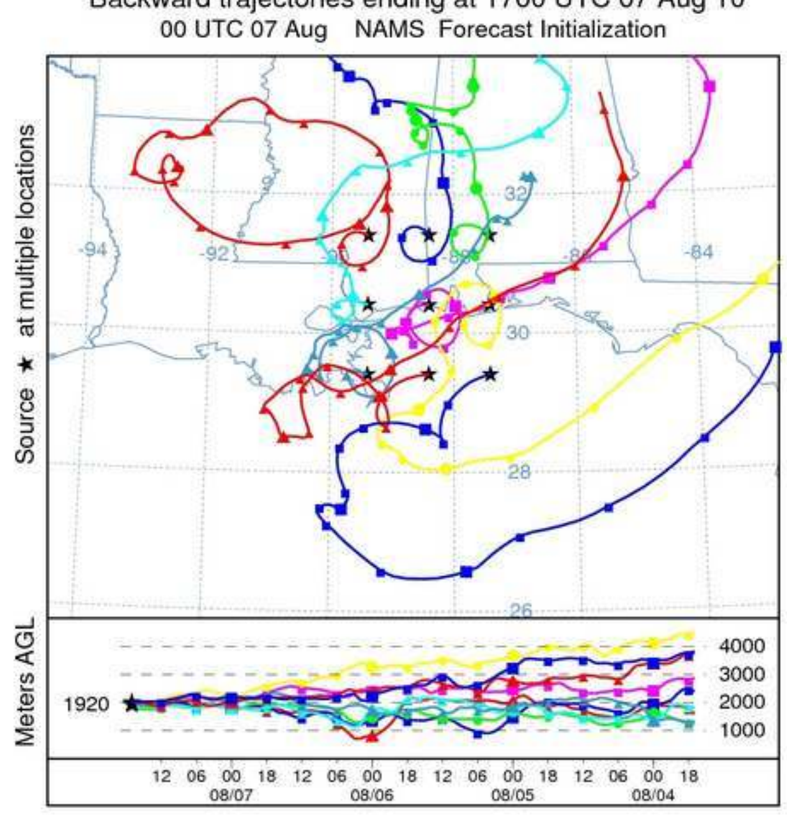

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
5000
4000
3000
2000
1000
08/07
08/06
08/05
08/04

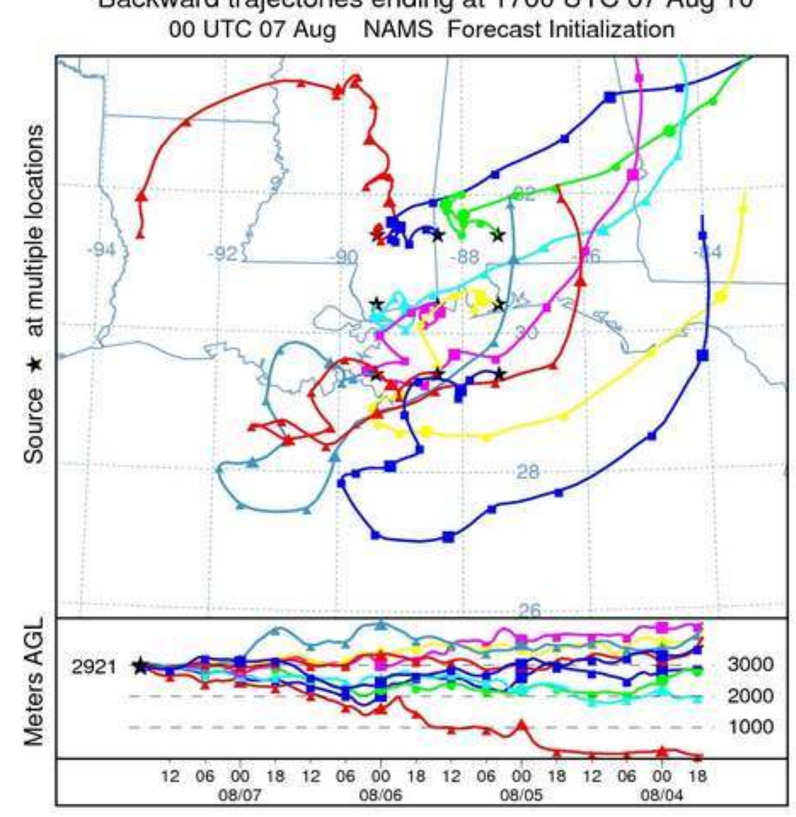

FORECAST for 2010_08_07, local hour = 12
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

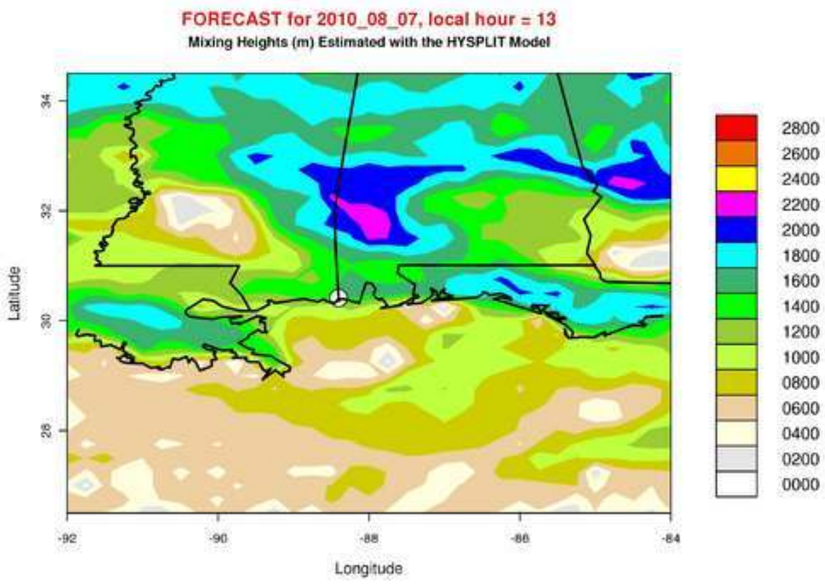

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

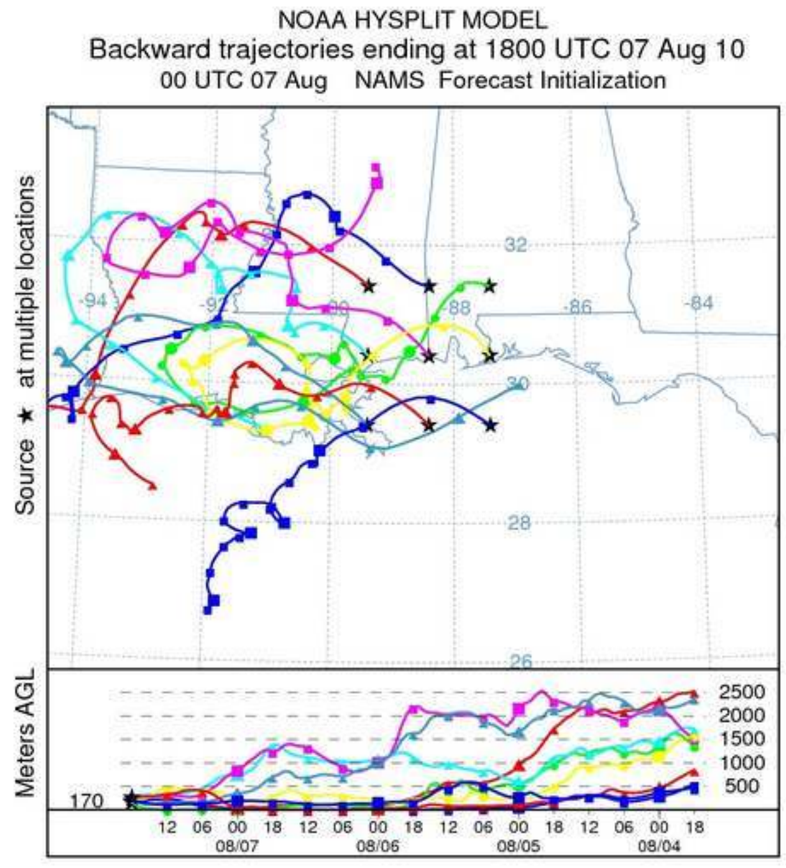

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2000
1500
1000
500
08/07
08/06
08/05
08/04

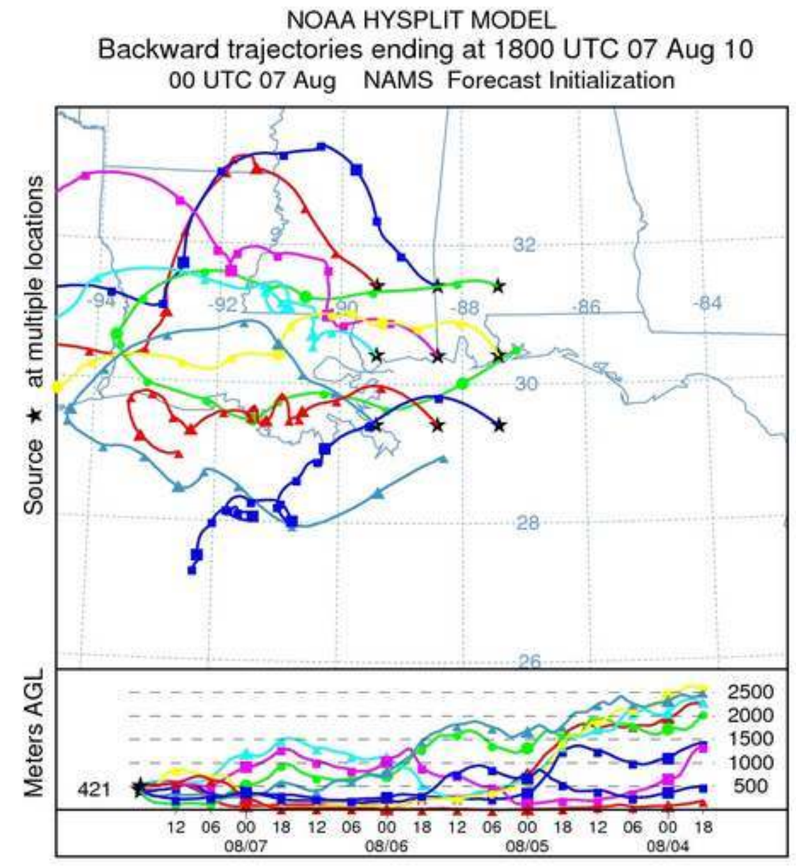

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

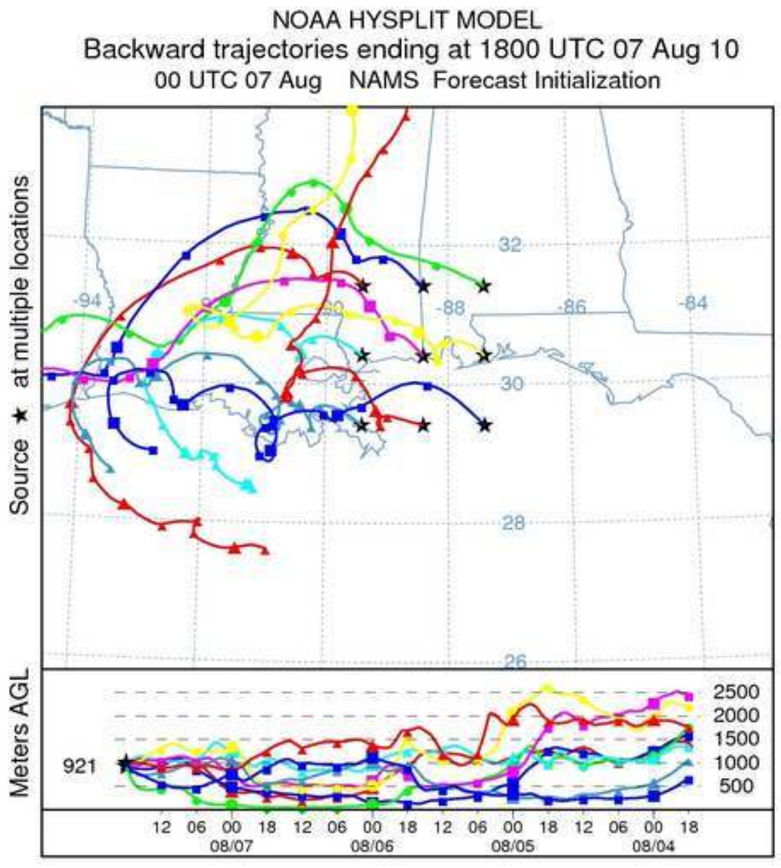

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1920
4000
3000
2000
1000
08/07
08/06
08/05
08/04

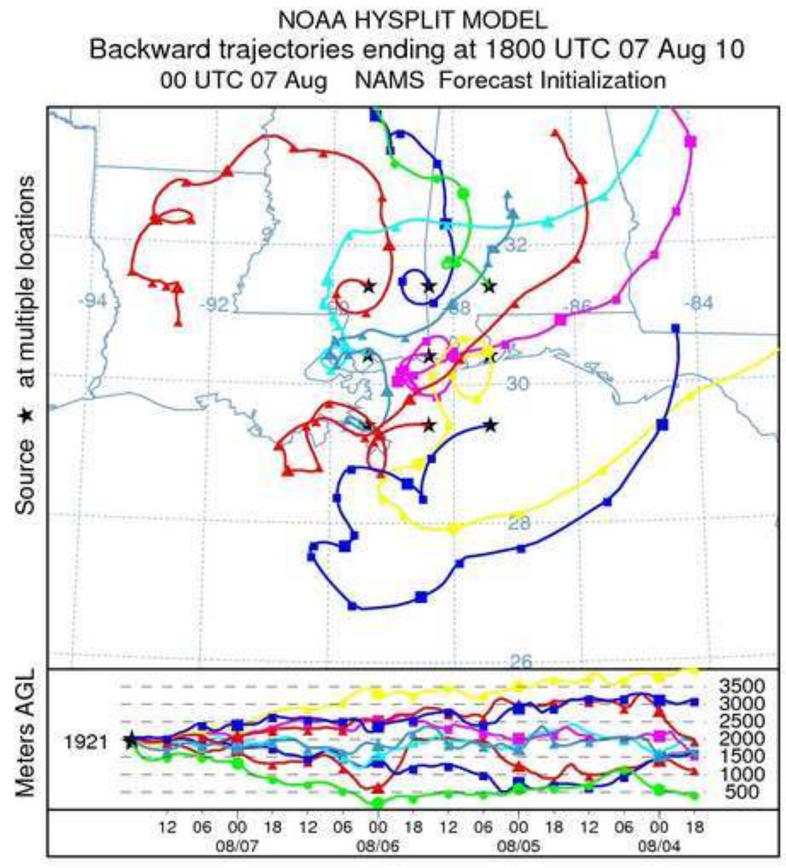

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
3000
2000
1000
08/07
08/06
08/05
08/04

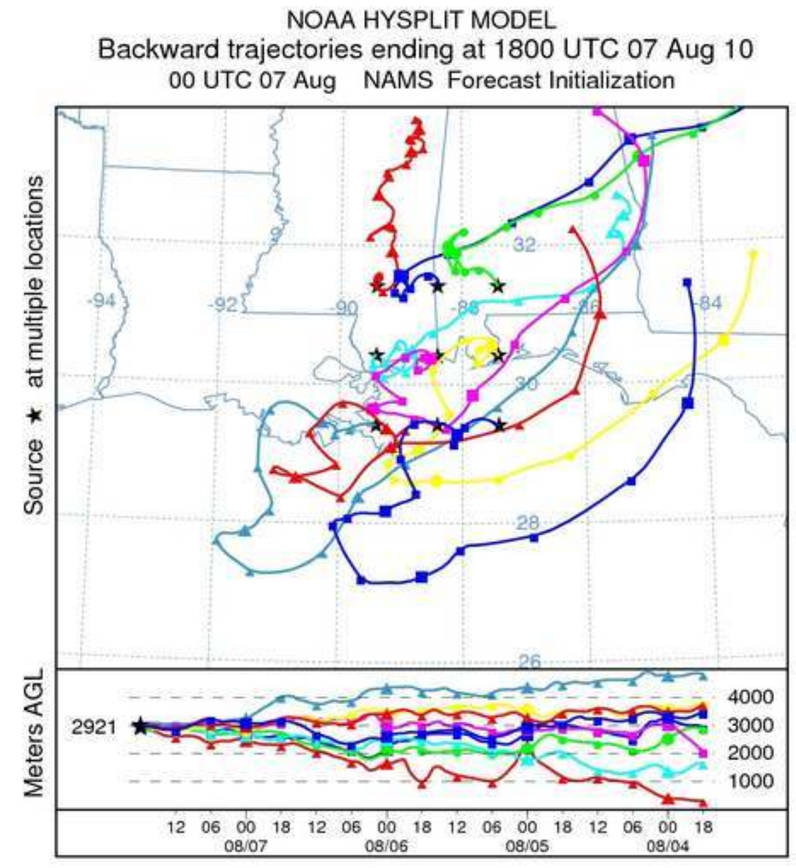

FORECAST for 2010_08_07, local hour = 13
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

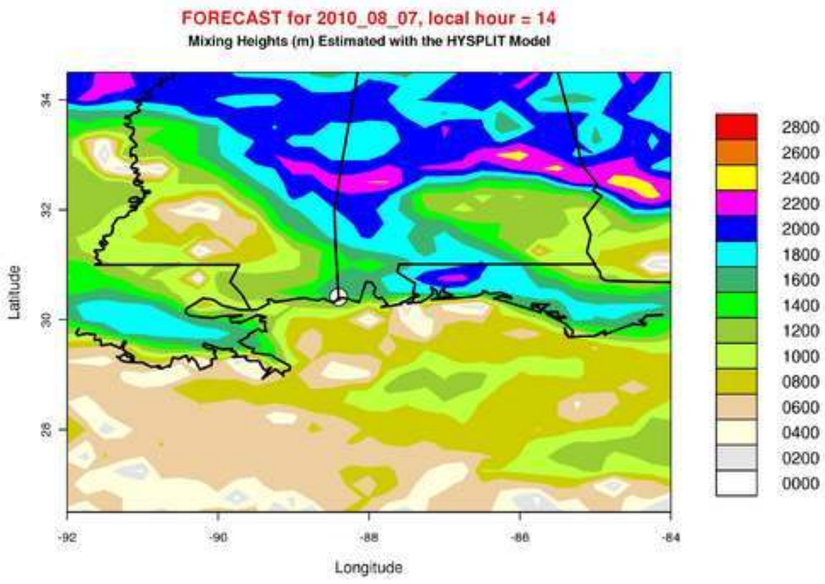

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

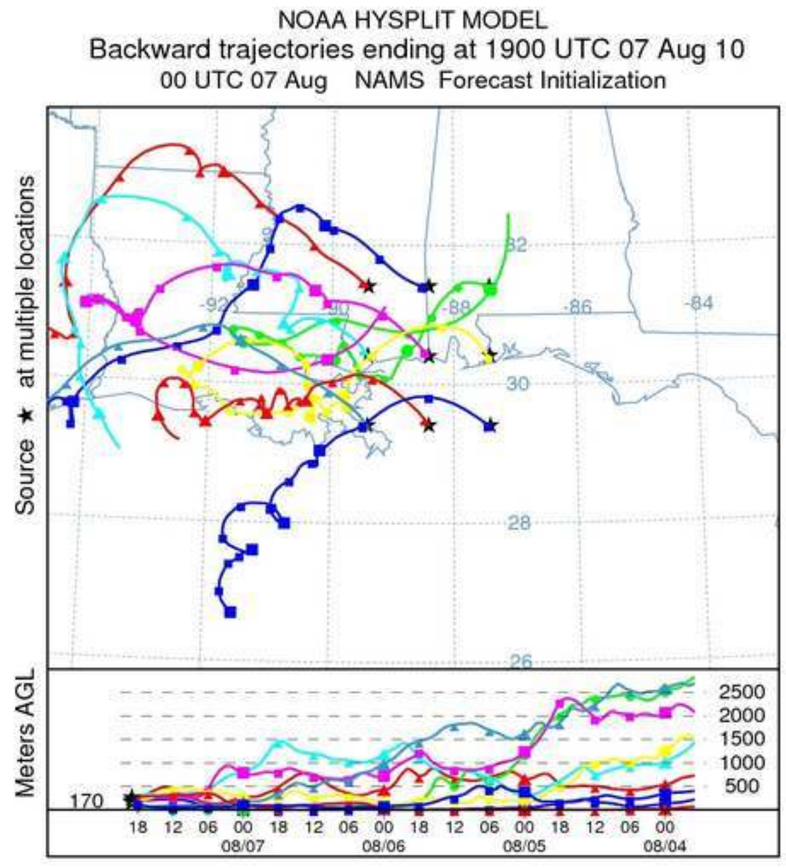

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

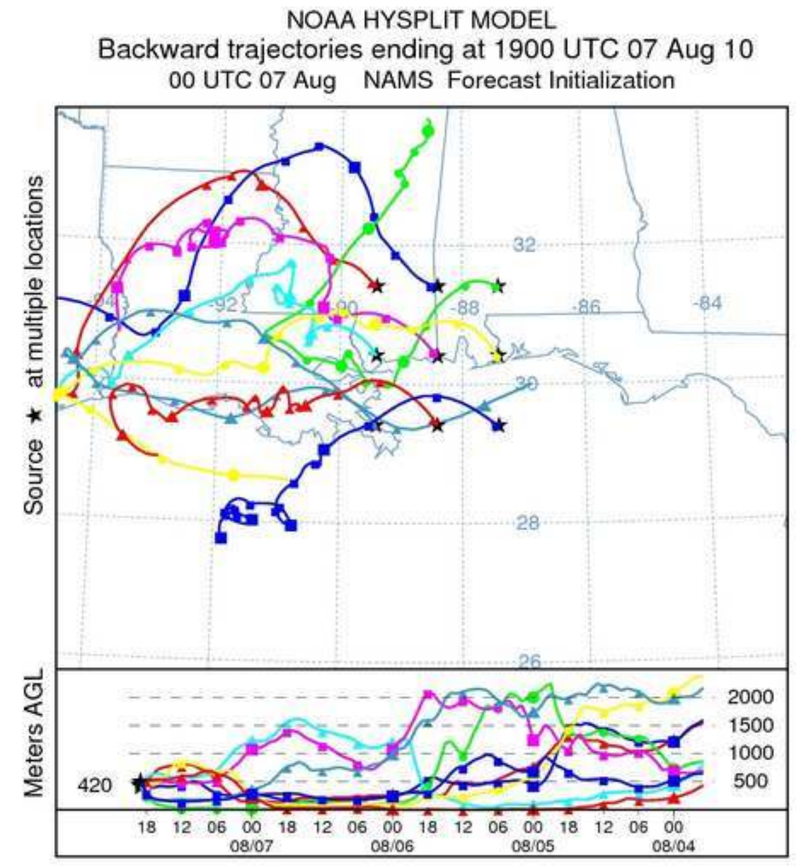

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

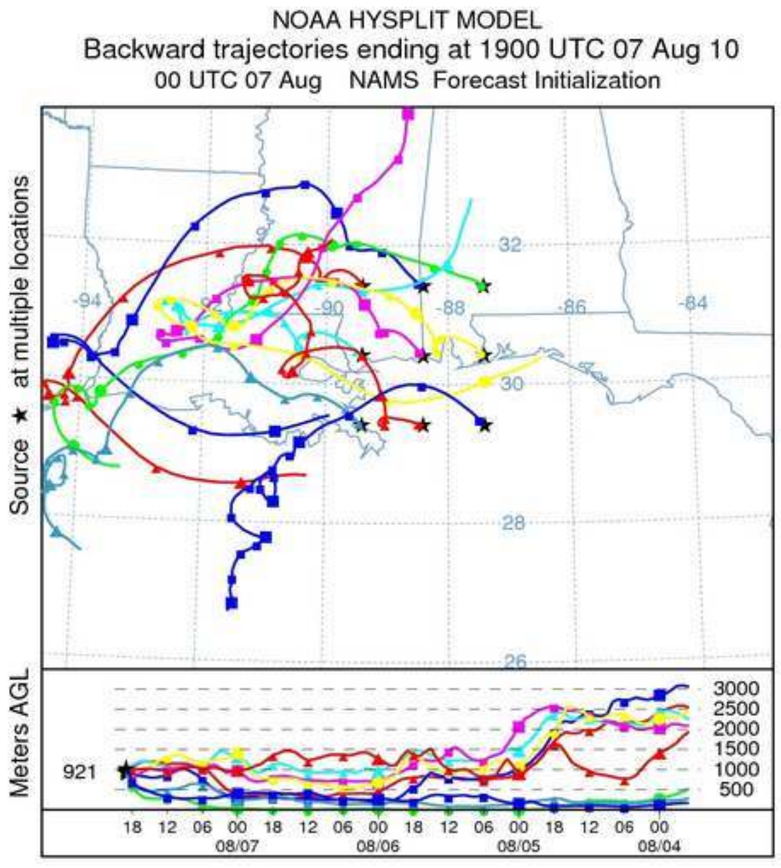

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3500
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

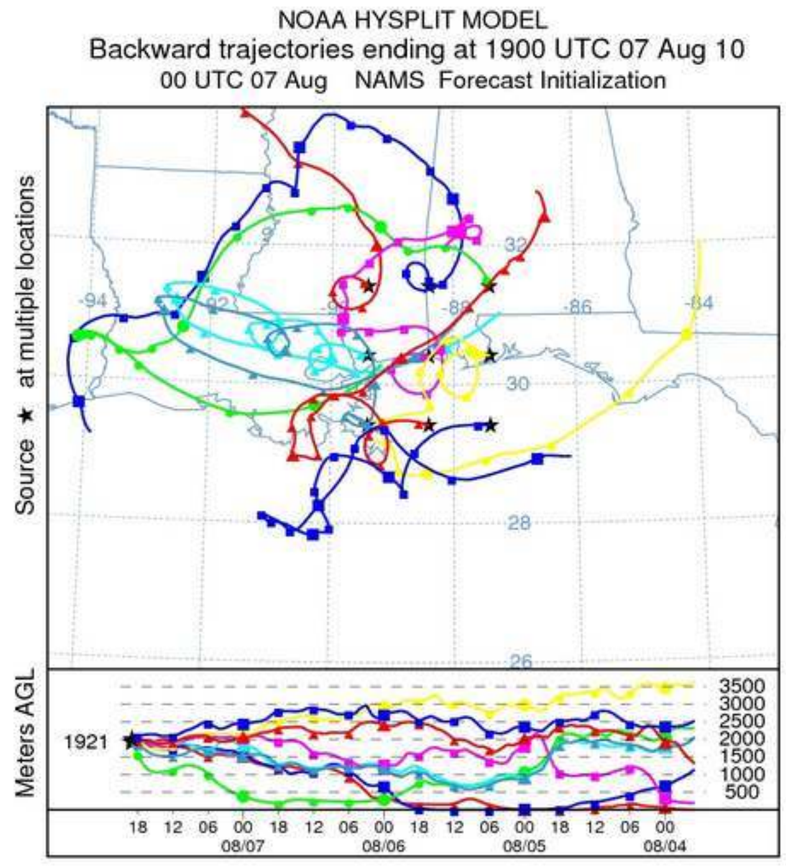

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/07
08/06
08/05
08/04

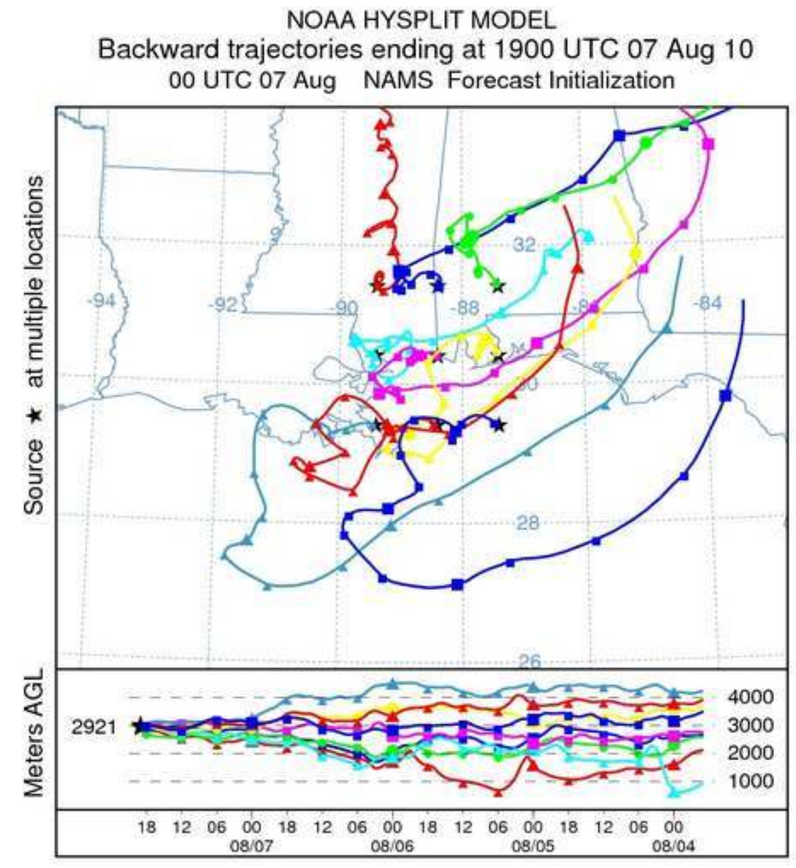

FORECAST for 2010_08_07, local hour = 14
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

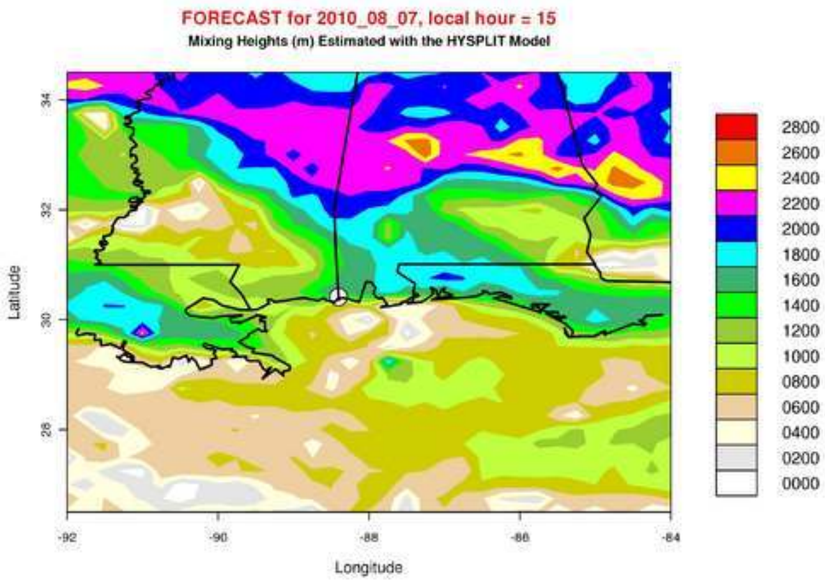

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

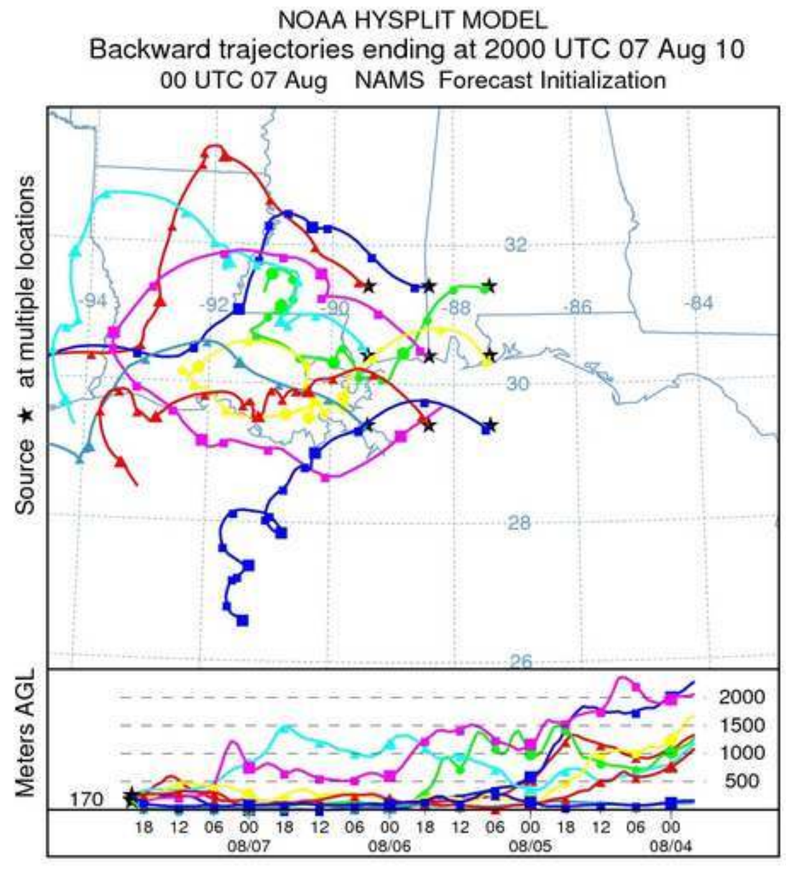

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2000
1500
1000
500
08/07
08/06
08/05
08/04

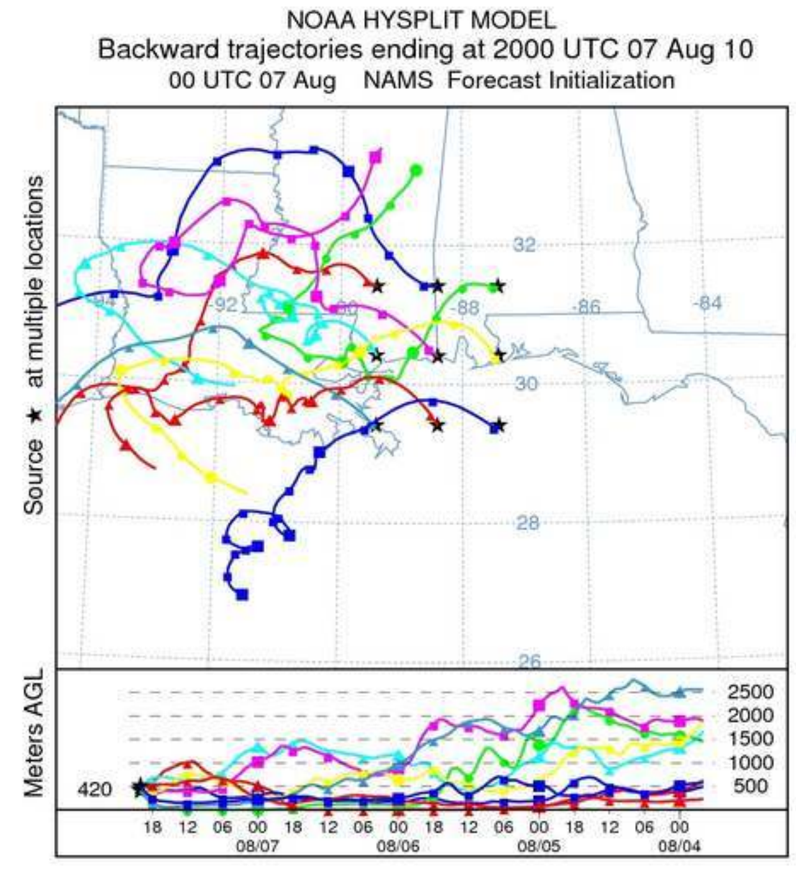

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

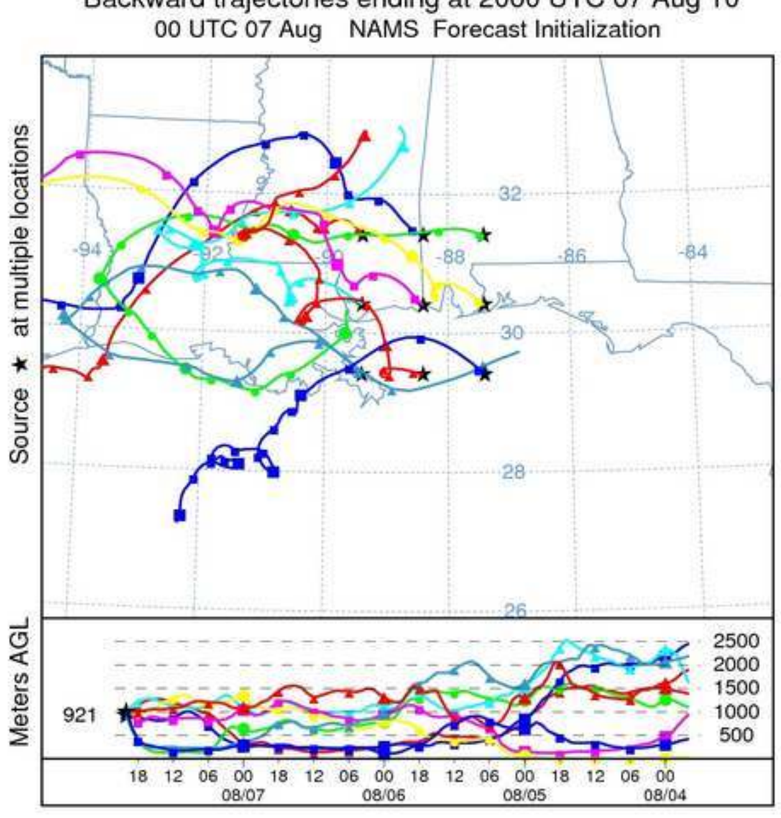

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3500
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

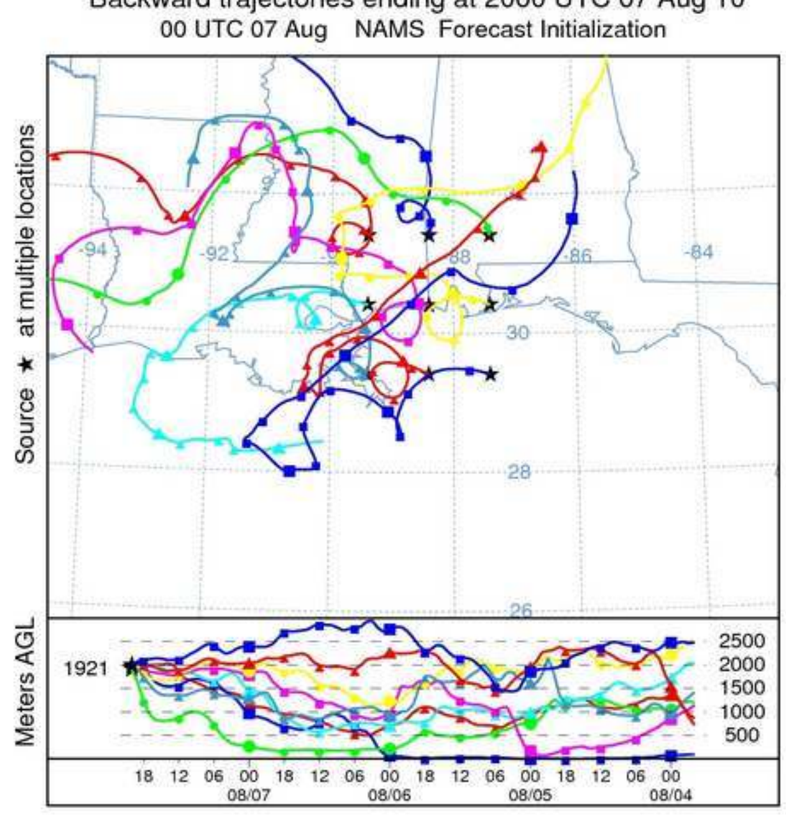

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/07
08/06
08/05
08/04

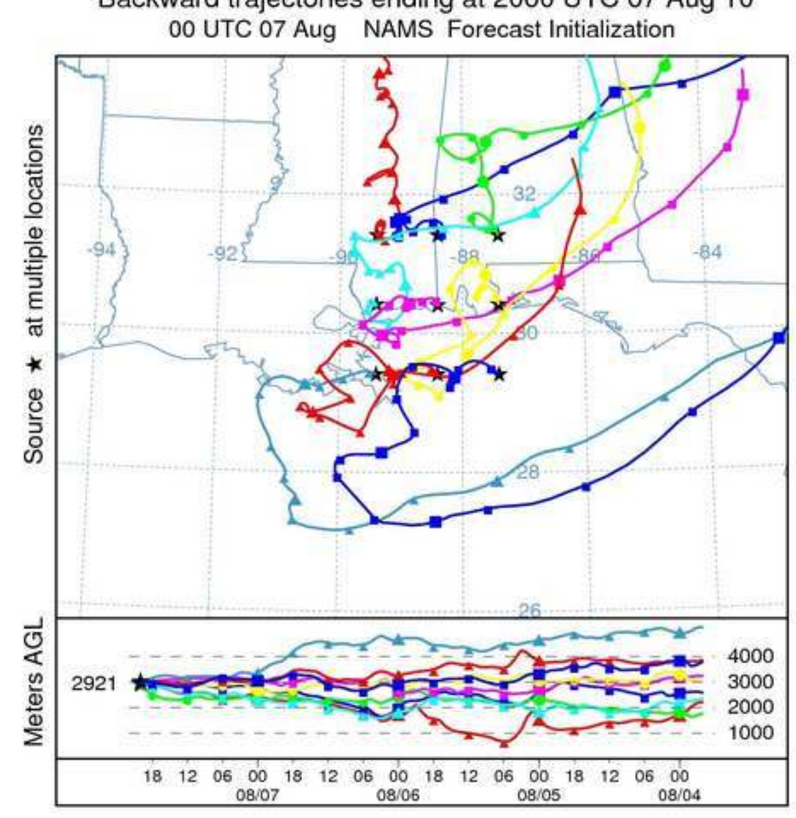

FORECAST for 2010_08_07, local hour = 15
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

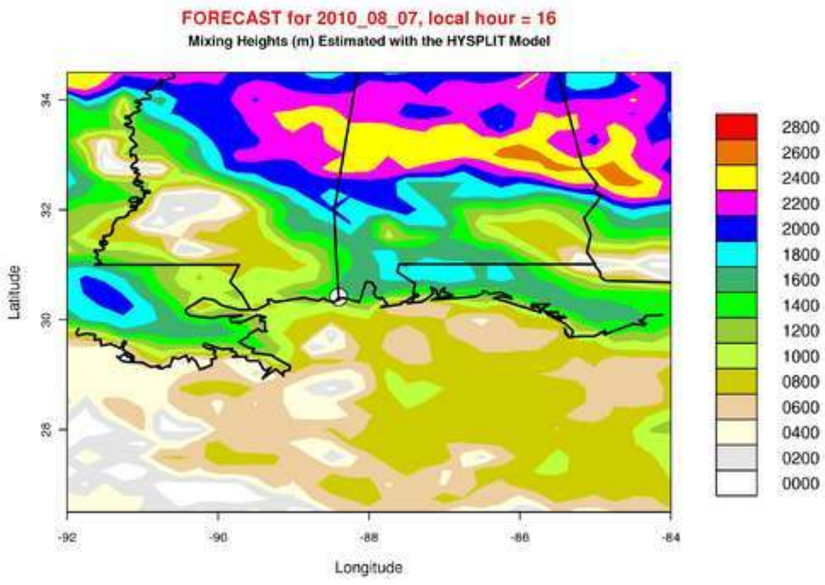

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2000
1500
1000
500
08/07
08/06
08/05
08/04

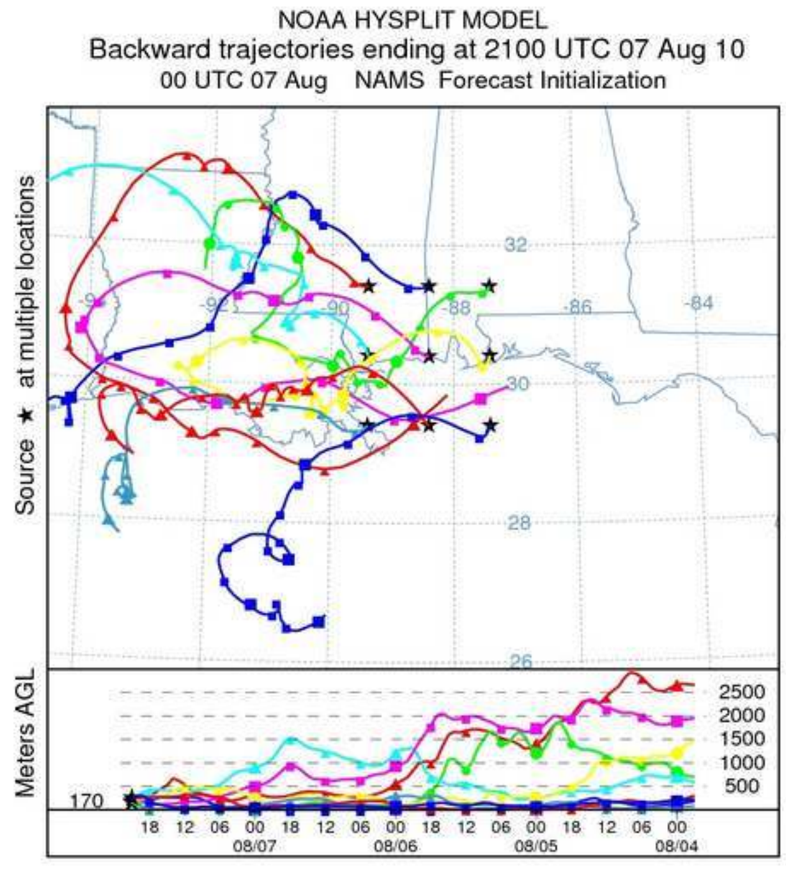

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

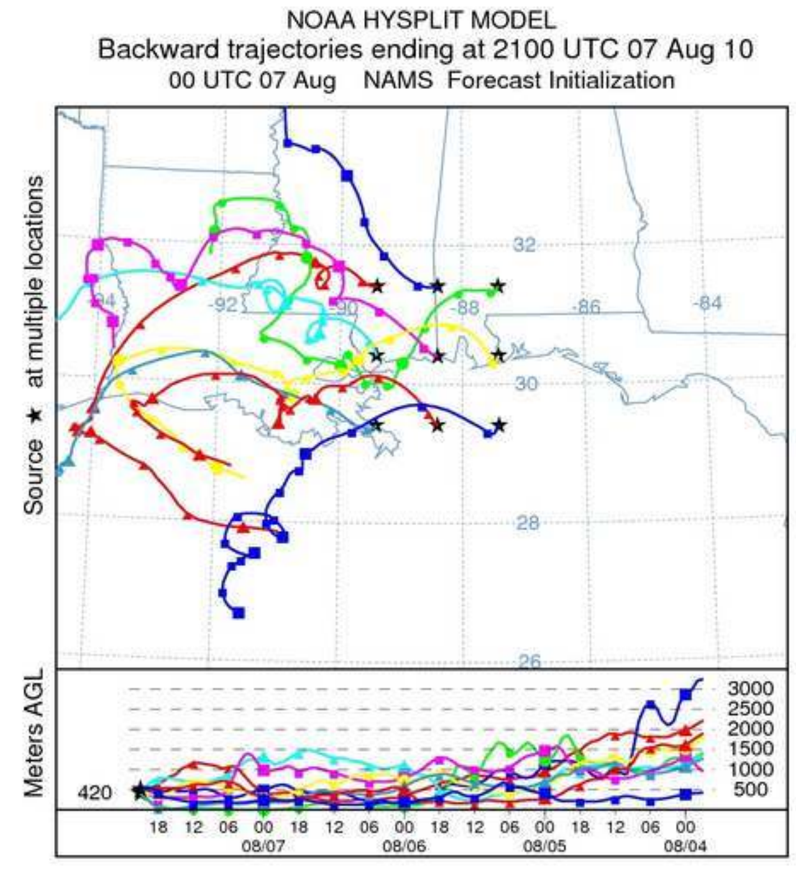

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

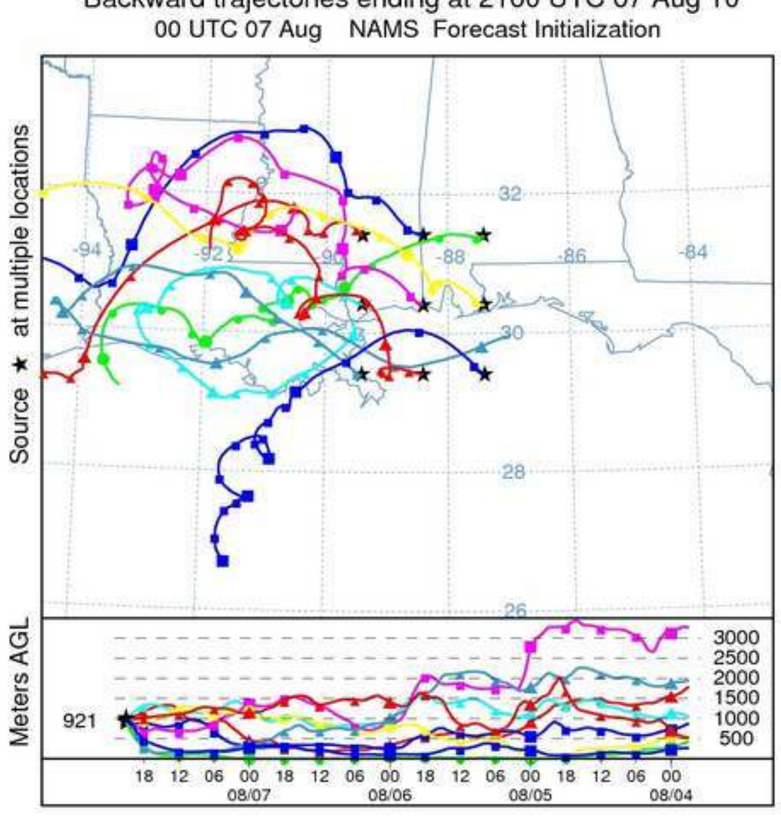

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

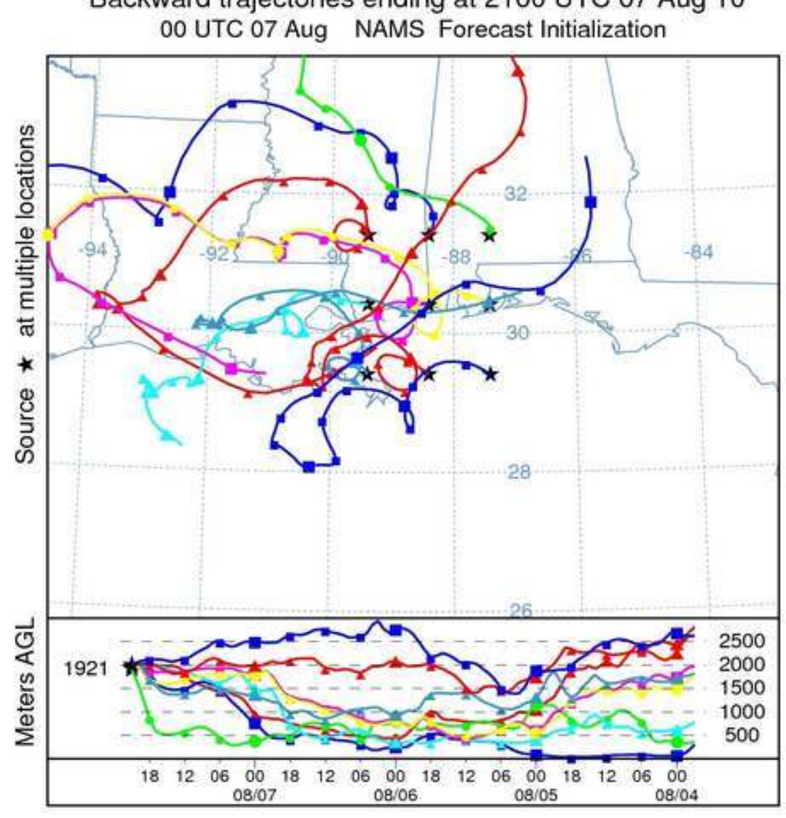

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/07
08/06
08/05
08/04

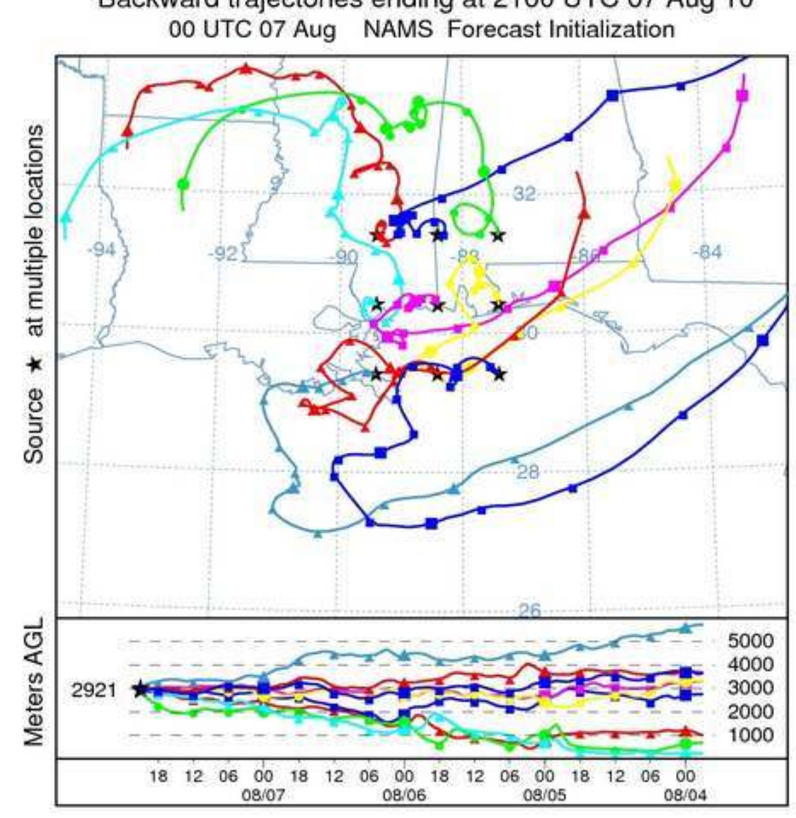

FORECAST for 2010_08_07, local hour = 16
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

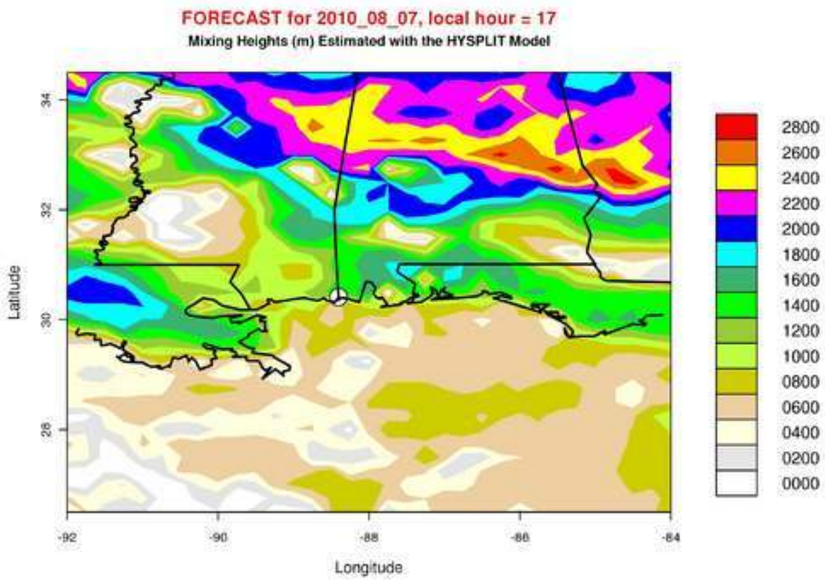

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

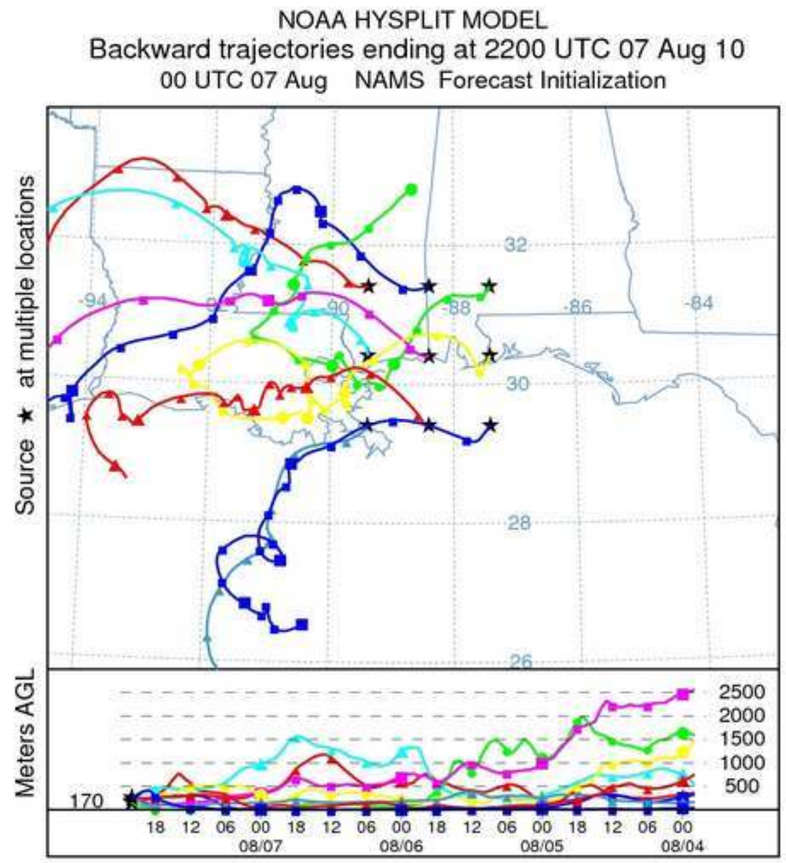

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

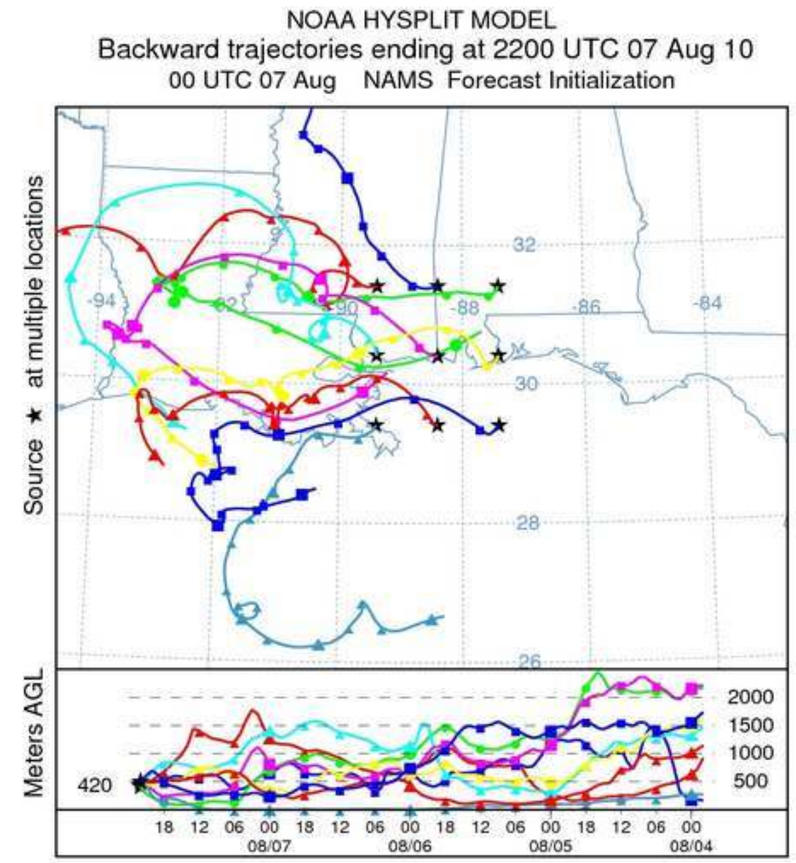

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

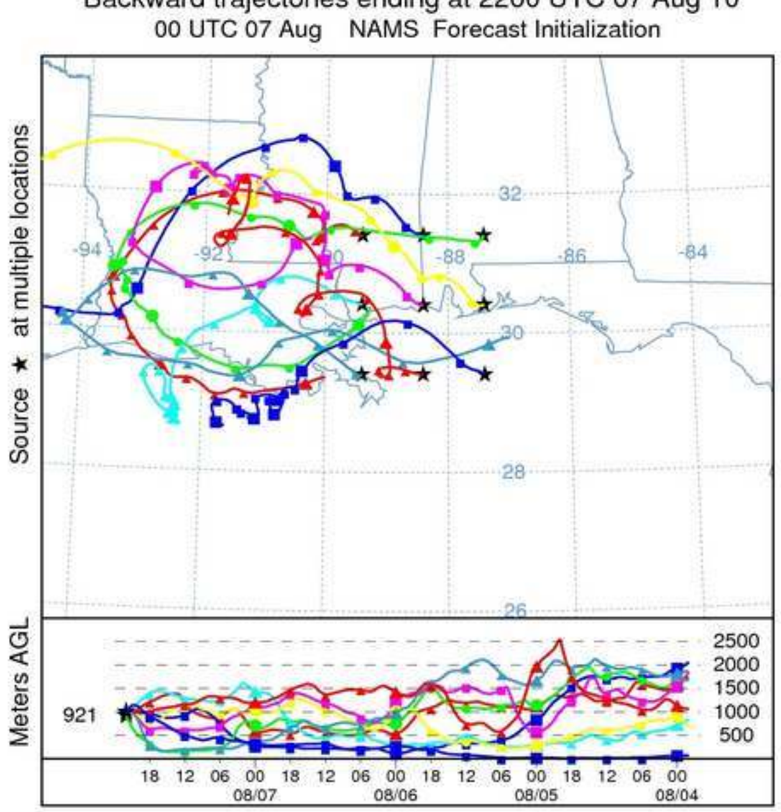

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

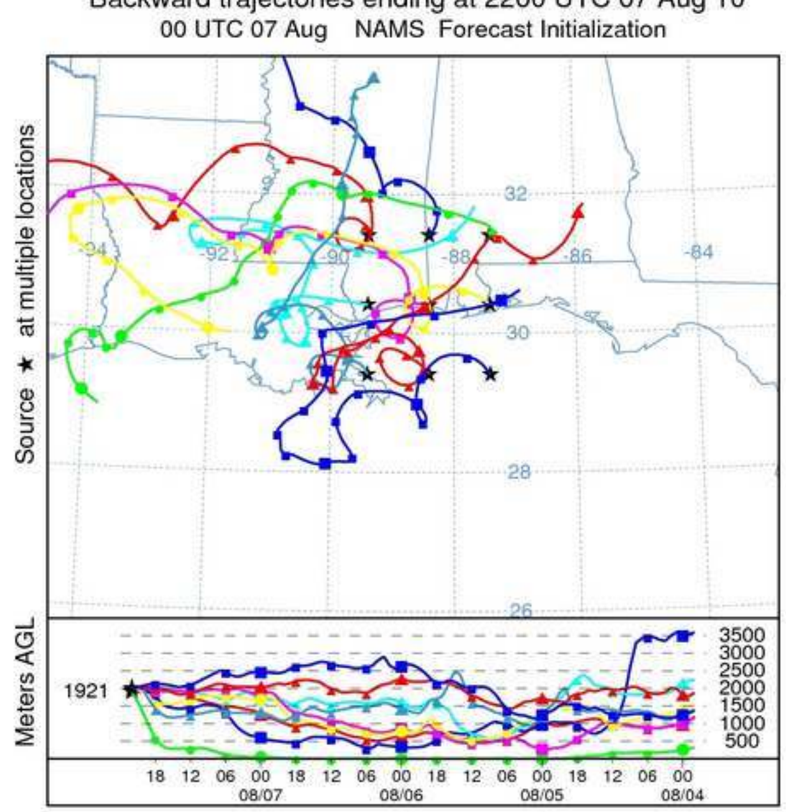

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
5000
4000
3000
2000
1000
08/07
08/06
08/05
08/04

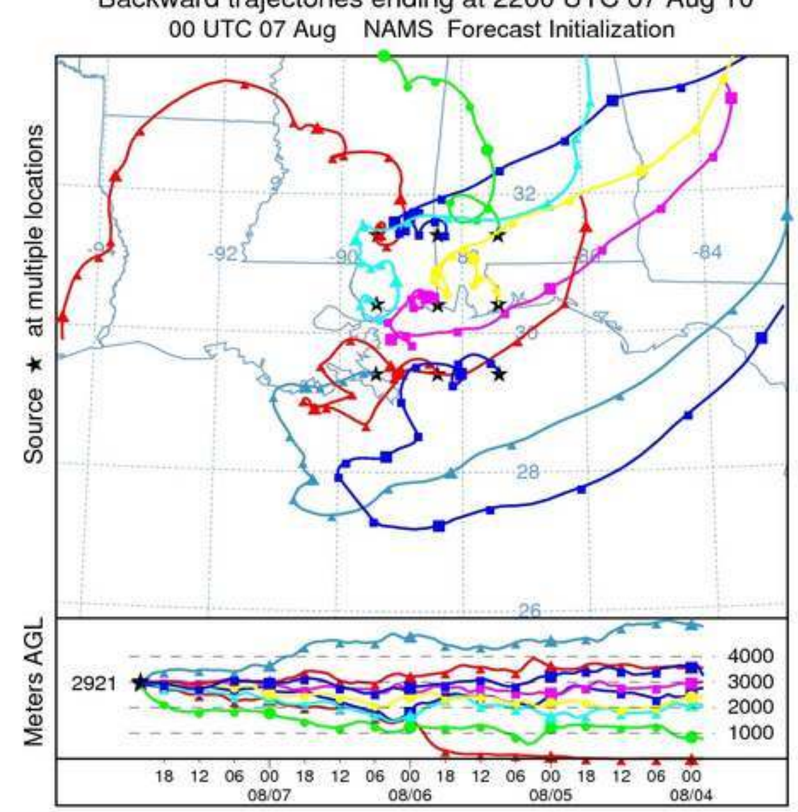

FORECAST for 2010_08_07, local hour = 17
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

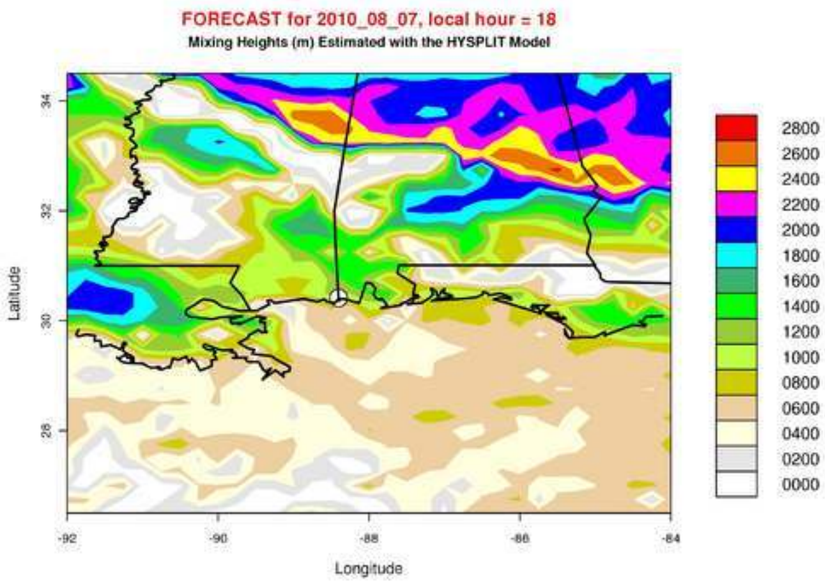

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

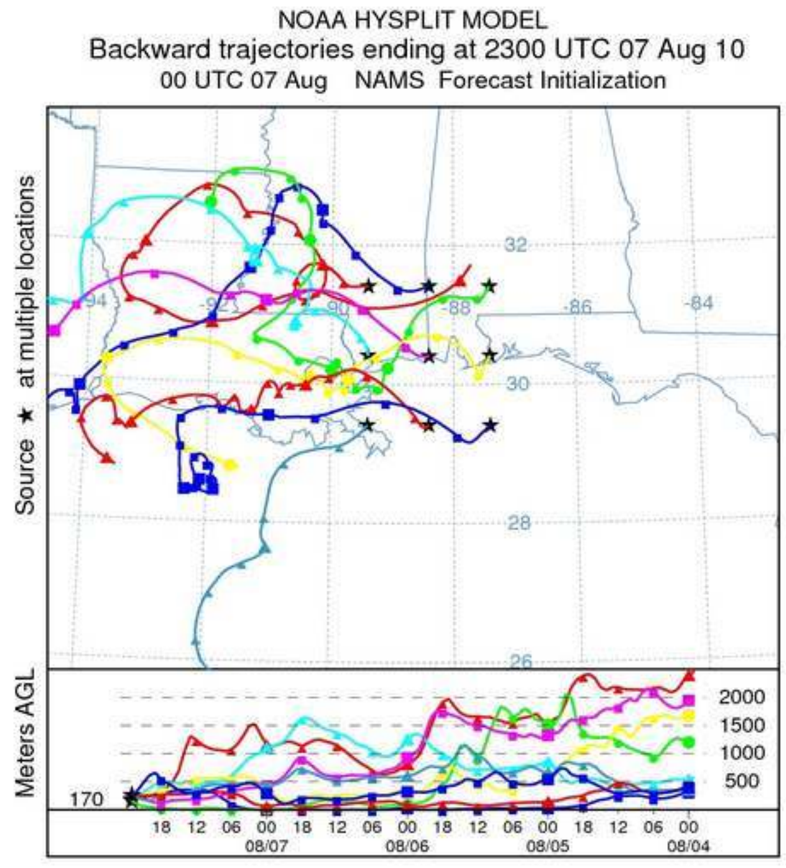

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2000
1500
1000
500
08/07
08/06
08/05
08/04

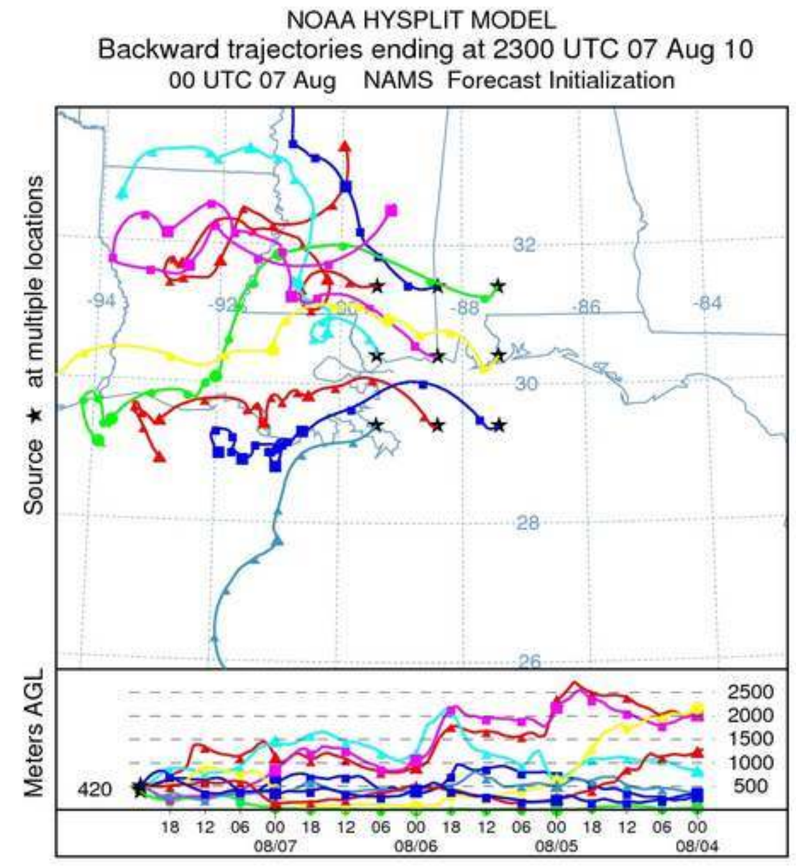

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

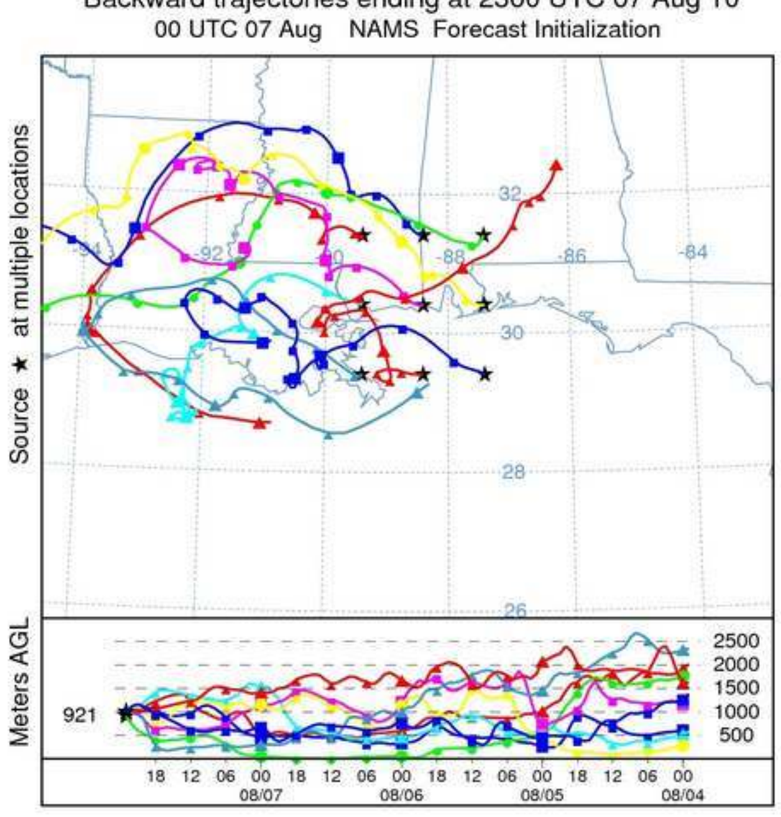

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3500
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

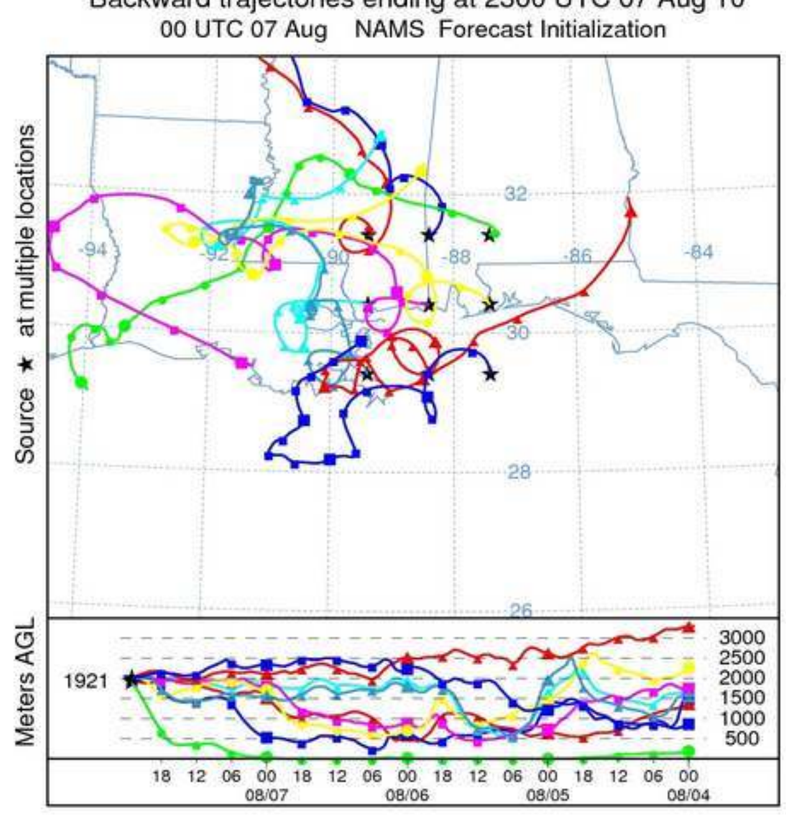

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/07
08/06
08/05
08/04

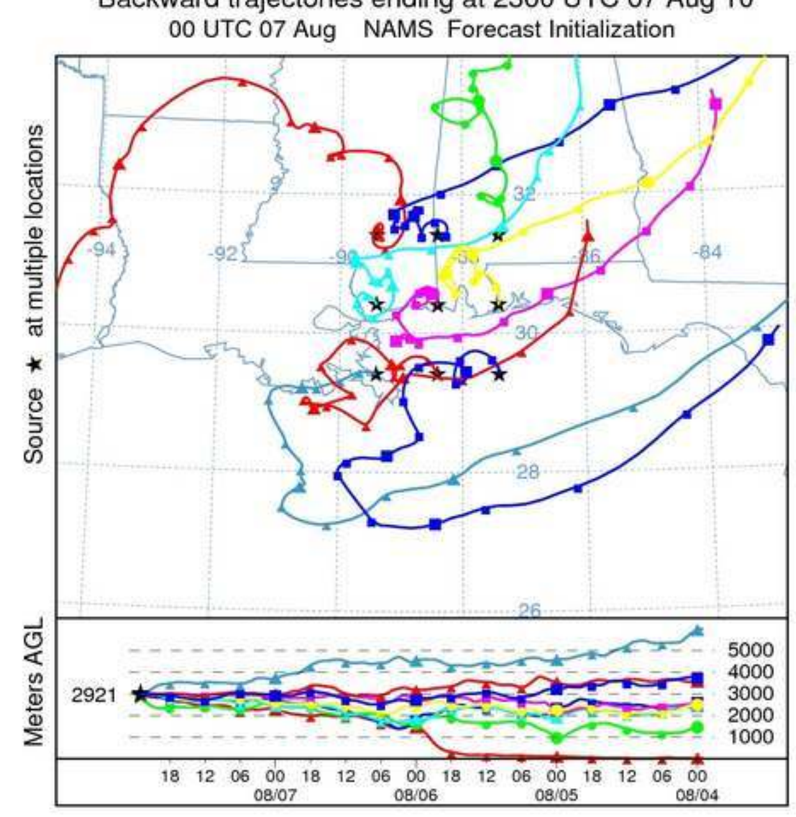

FORECAST for 2010_08_07, local hour = 18
Mixing Heights (m) Estimated with the HYSPLIT Model
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000
Latitude
Longitude

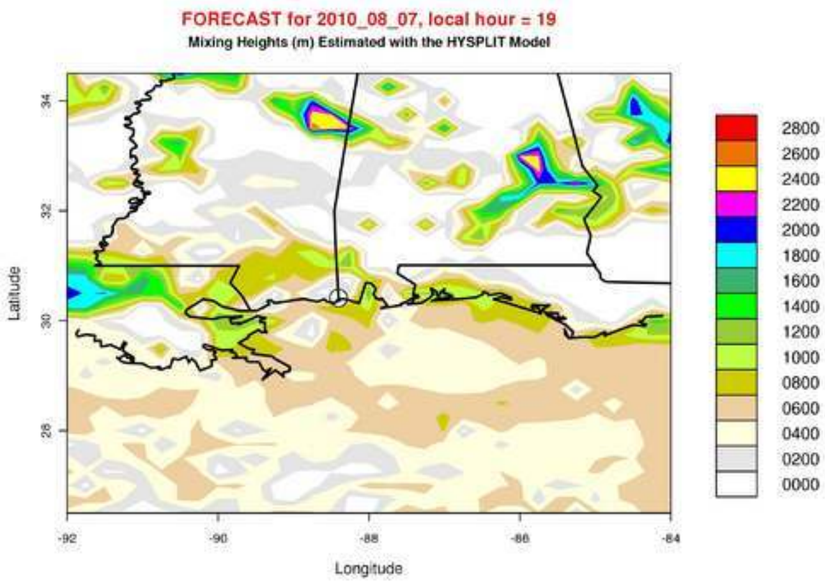

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2000
1500
1000
500
08/07
08/06
08/05
08/04

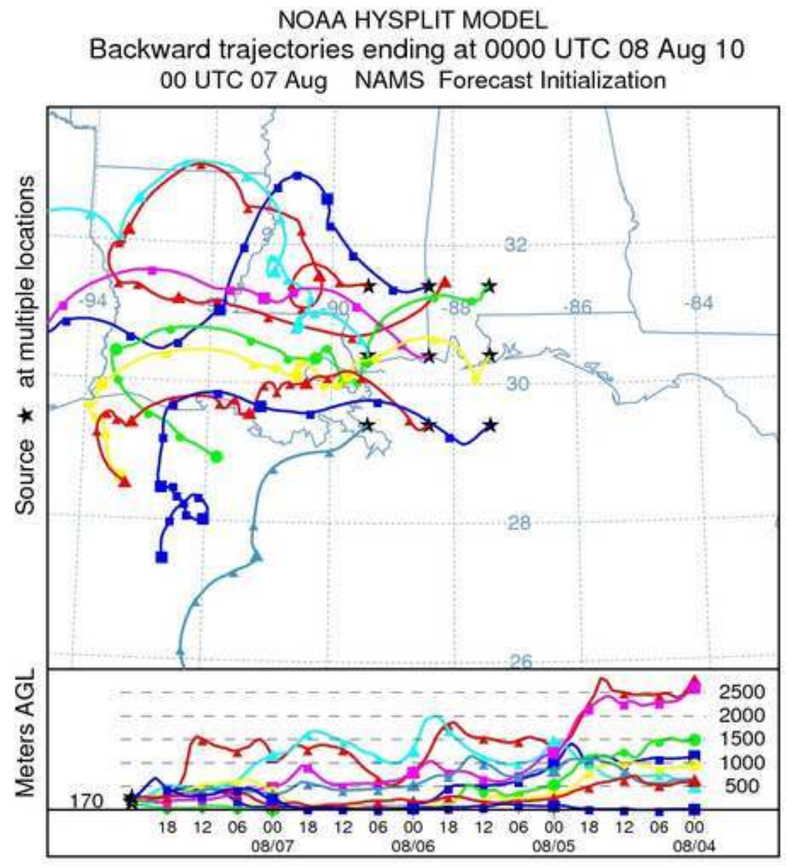

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

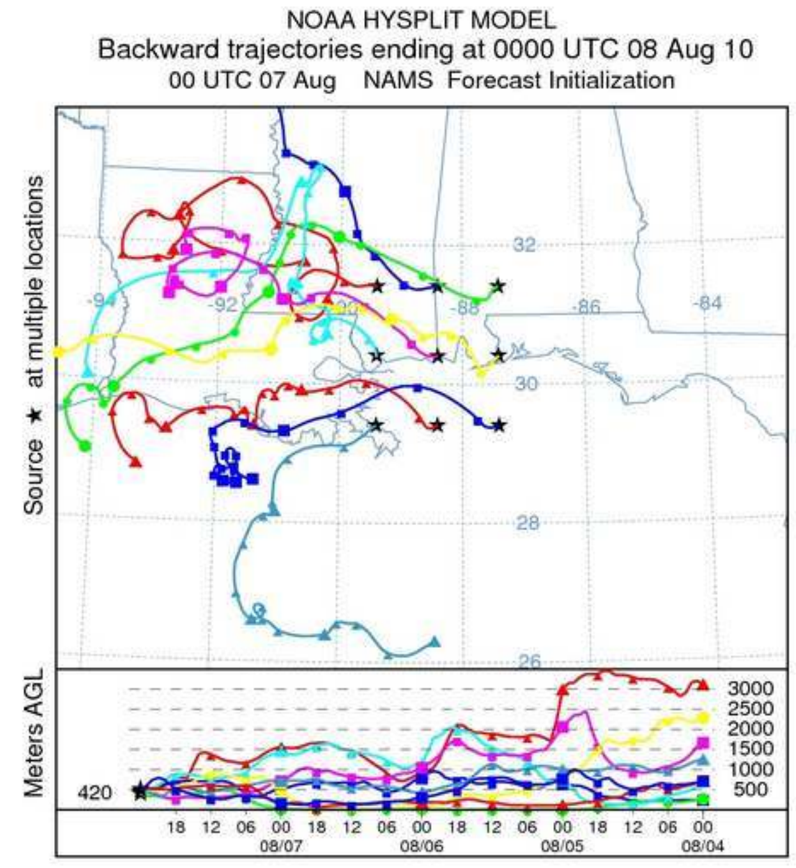

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

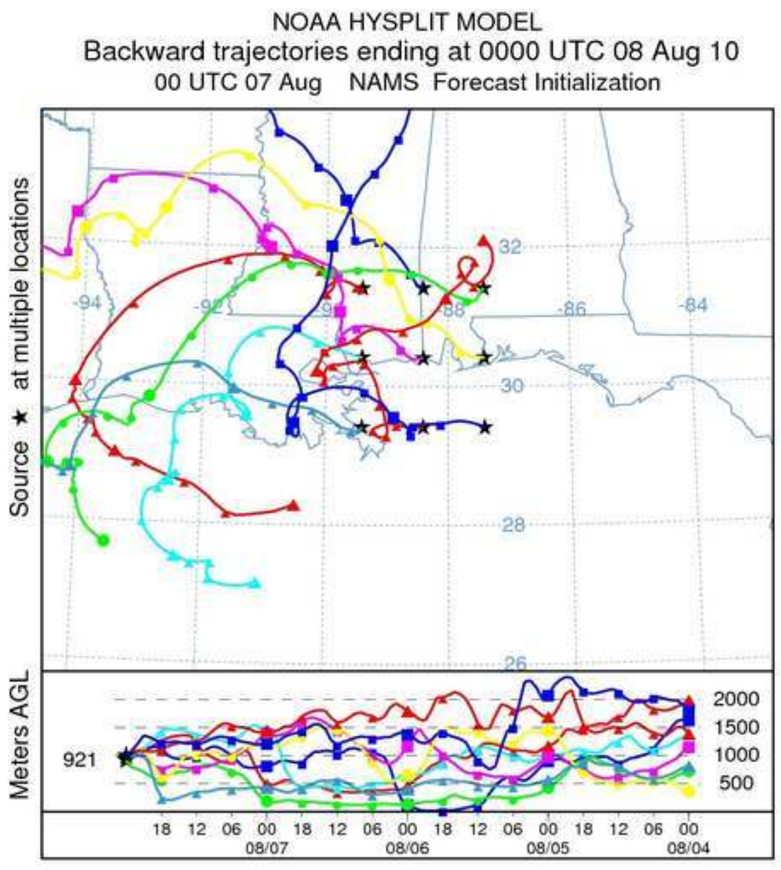

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

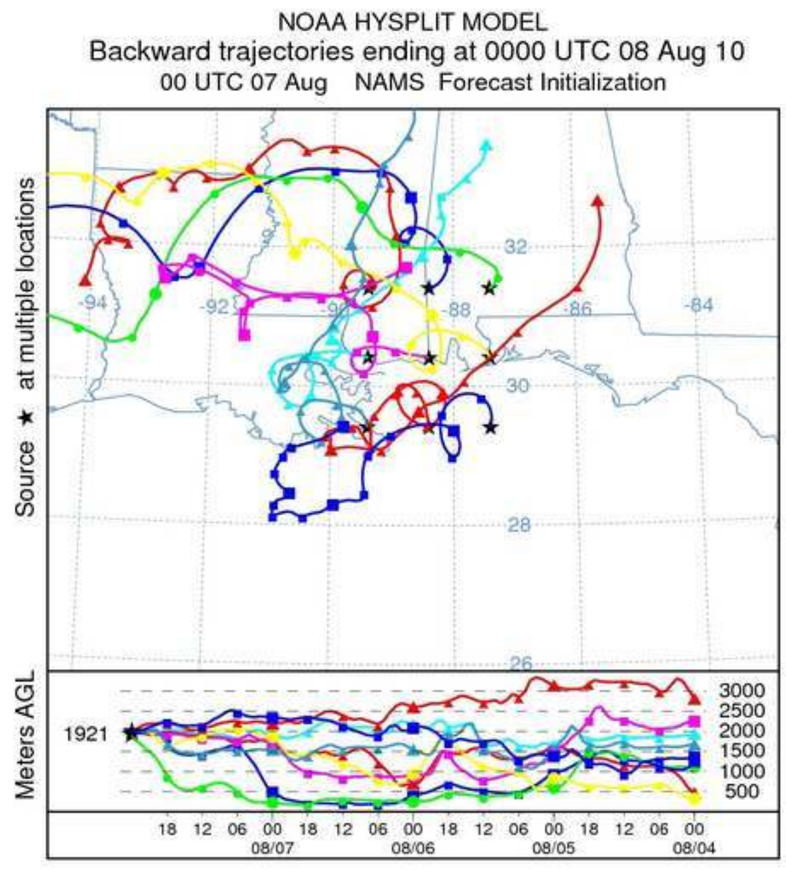

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 07 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
5000
4000
3000
2000
1000
08/07
08/06
08/05
08/04

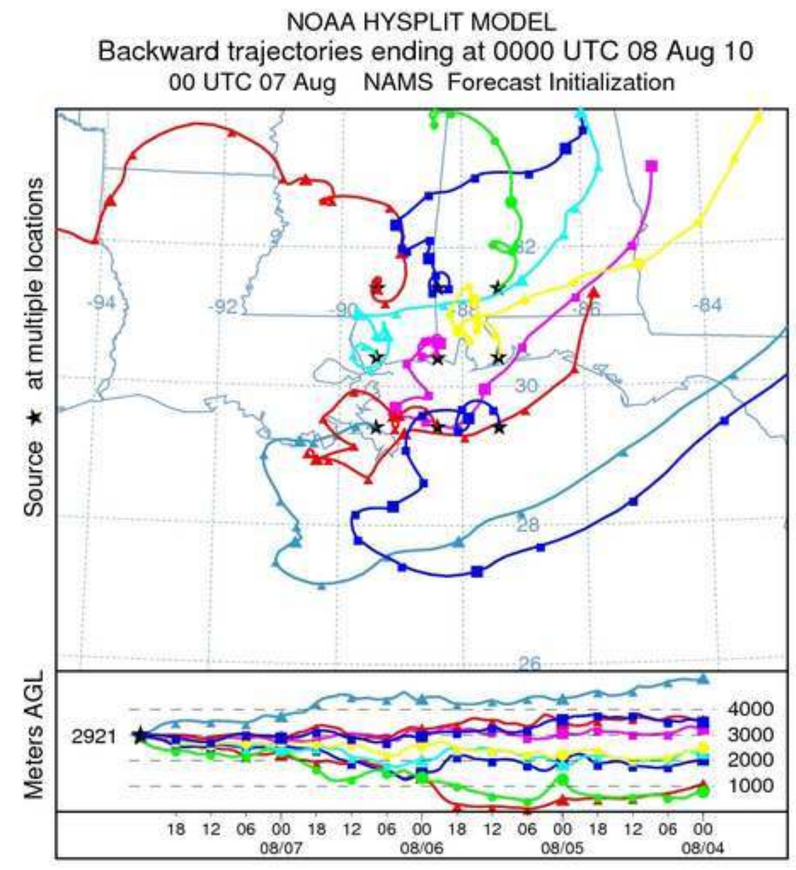

FORECAST for 2010_08_07, local hour = 19
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

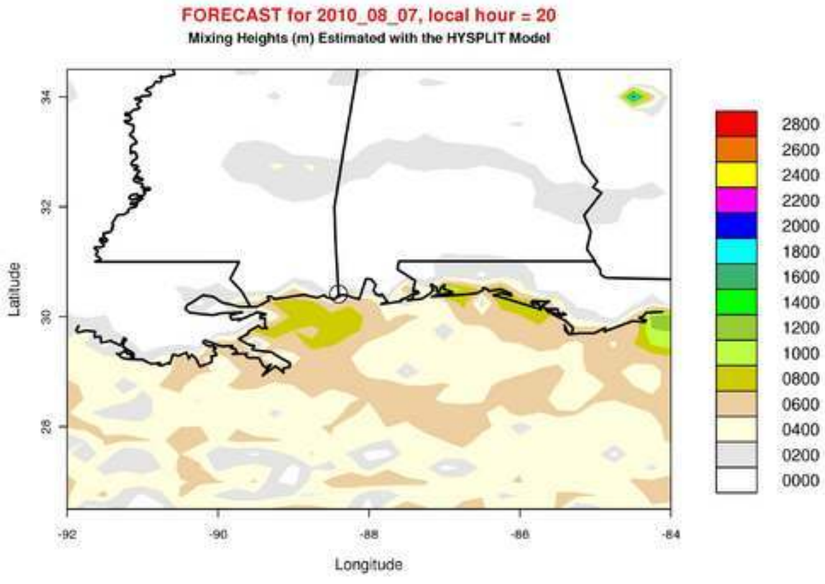

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 08 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

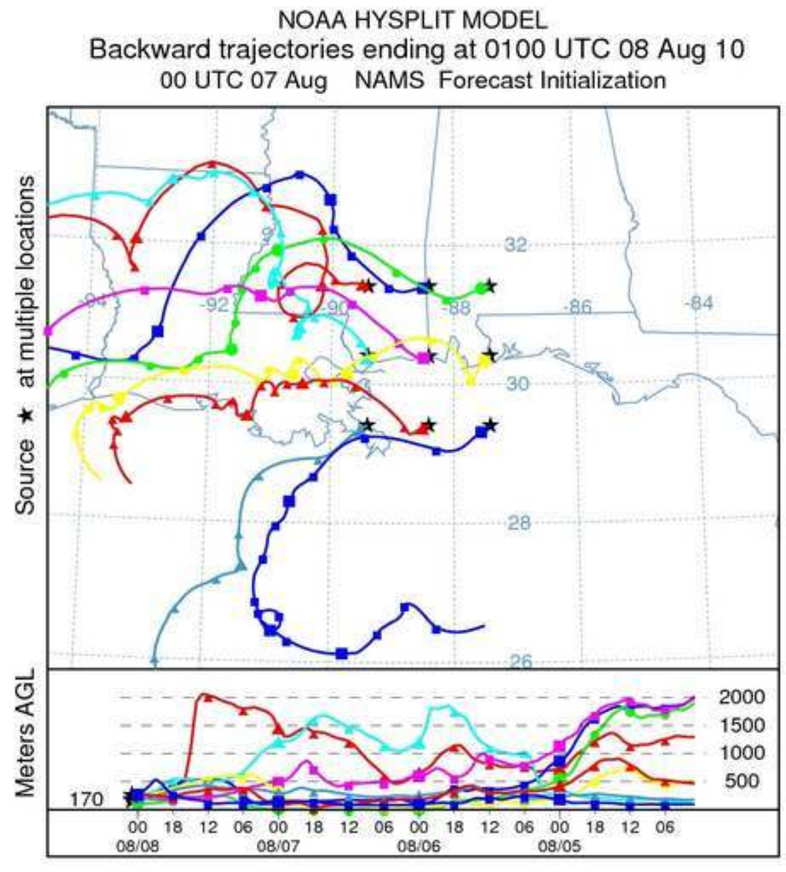

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 08 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

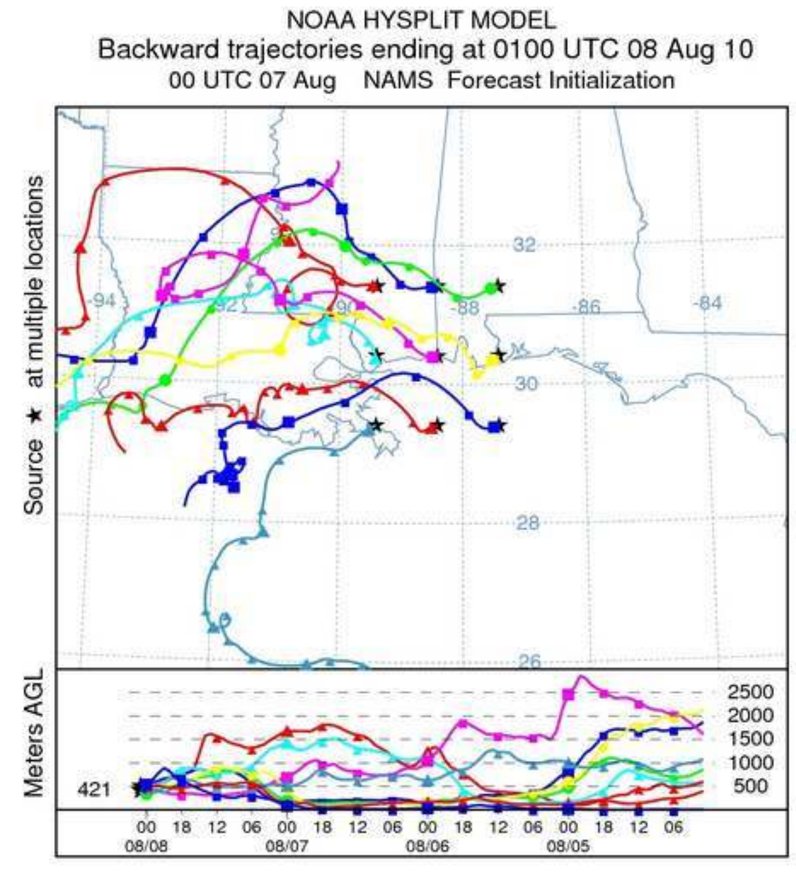

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 08 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2000
1500
1000
500
08/07
08/06
08/05
08/04

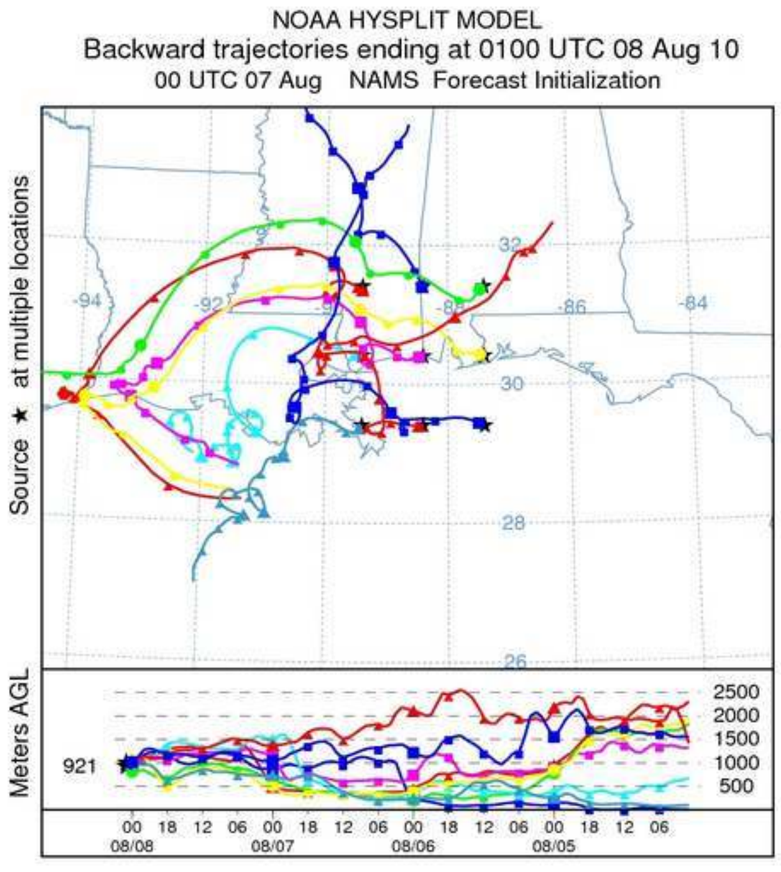

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 08 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3000
2500
2000
1500
1000
500
08/07
08/06
08/05
08/04

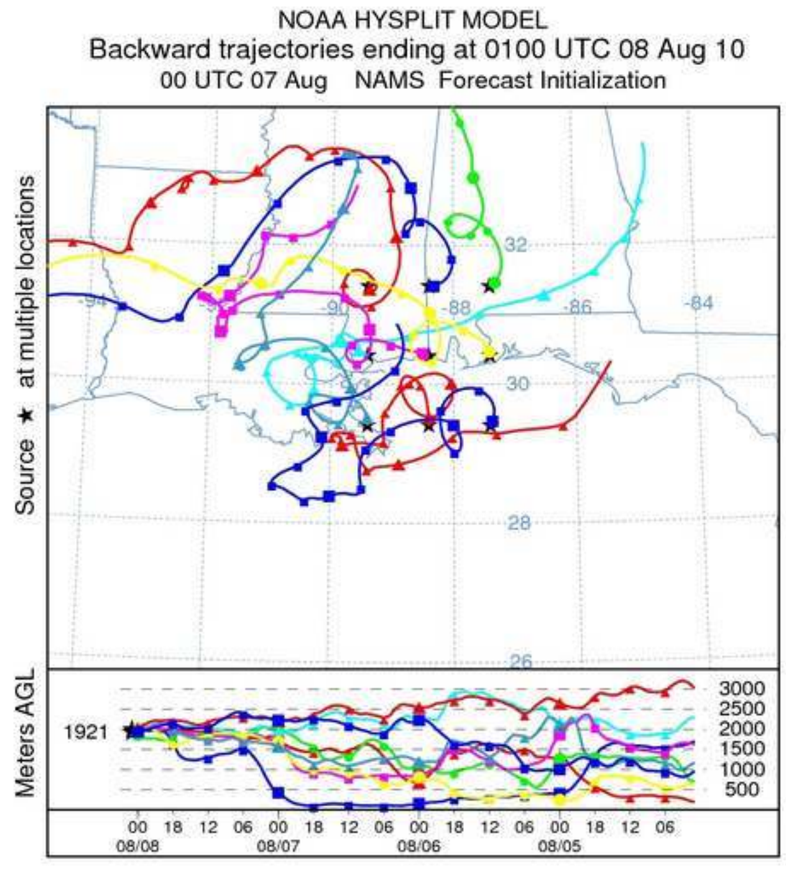

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 08 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/07
08/06
08/05
08/04

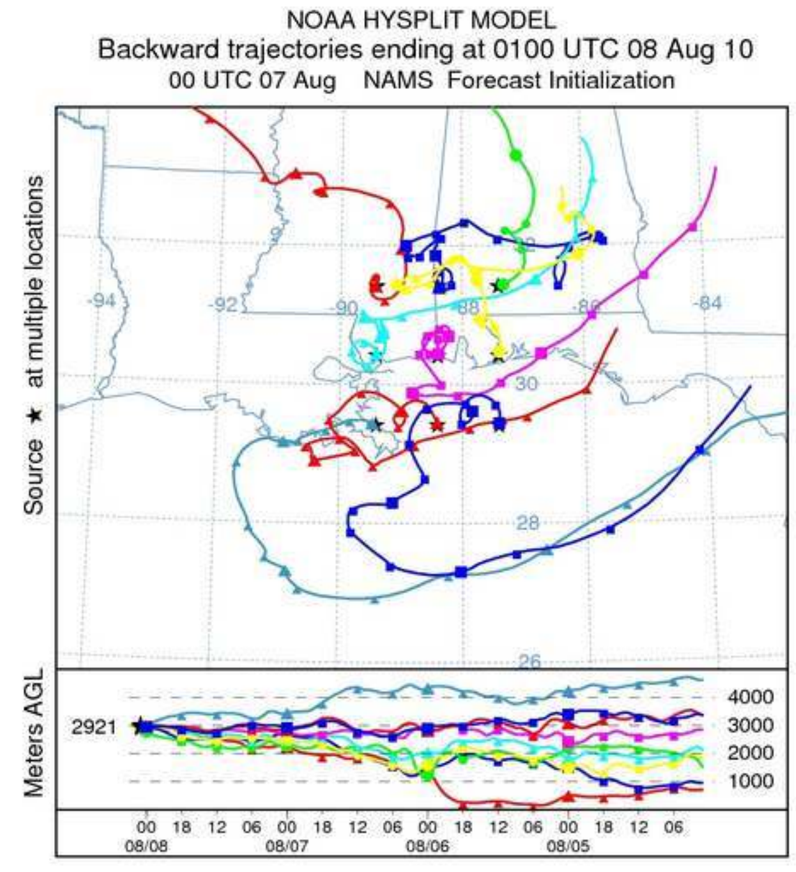

FORECAST for 2010_08_07, local hour = 20
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 08 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2000
1500
1000
500
08/08
08/07
08/06
08/05

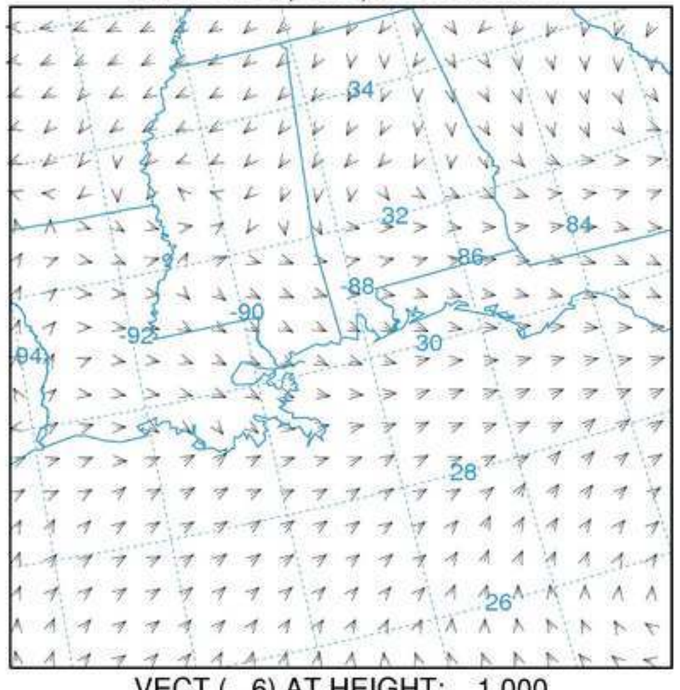

NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 08 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
2500
2000
1500
1000
500
08/08
08/07
08/06
08/05


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 08 Aug 10
00 UTC 07 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 0100 UTC 08 Aug 10
00 UTC 07 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 0100 UTC 08 Aug 10
00 UTC 07 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4000
3000
2000
1000
08/08
08/07
08/06
08/05

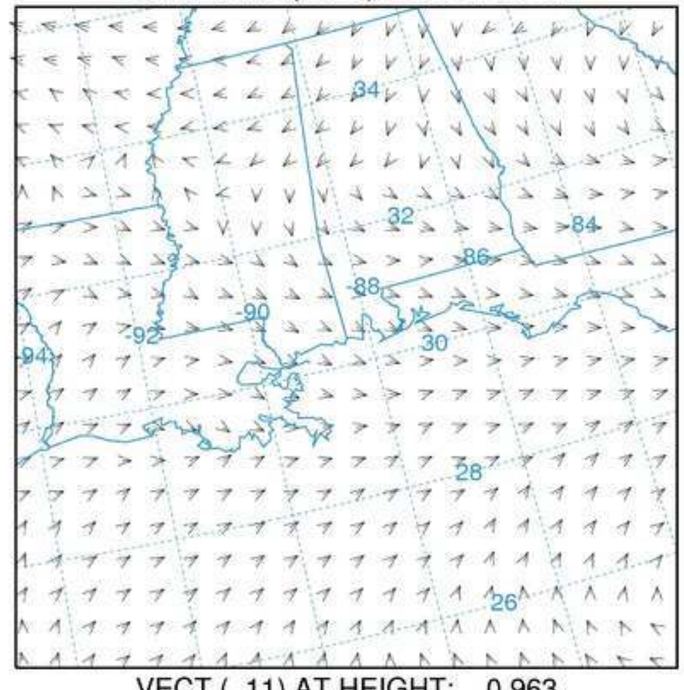
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/14



VECT (6) AT HEIGHT: 1.000

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

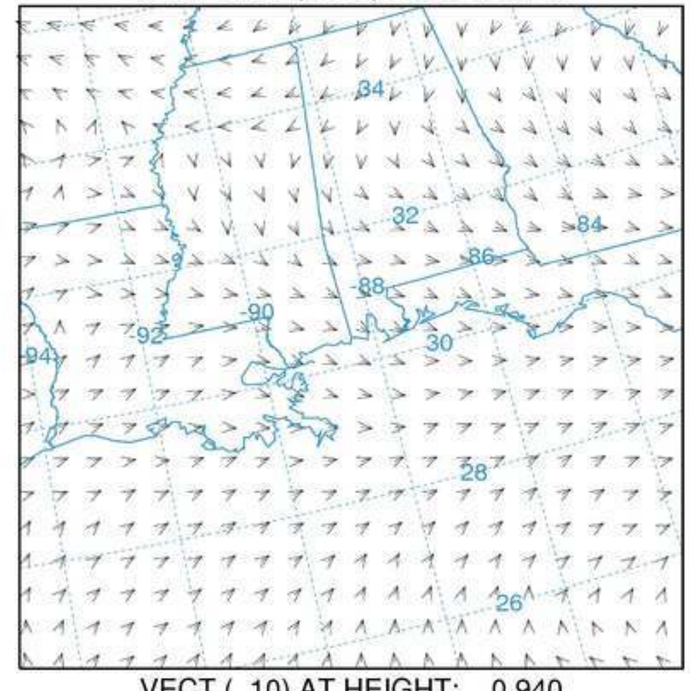
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/14



VECT (11) AT HEIGHT: 0.963

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

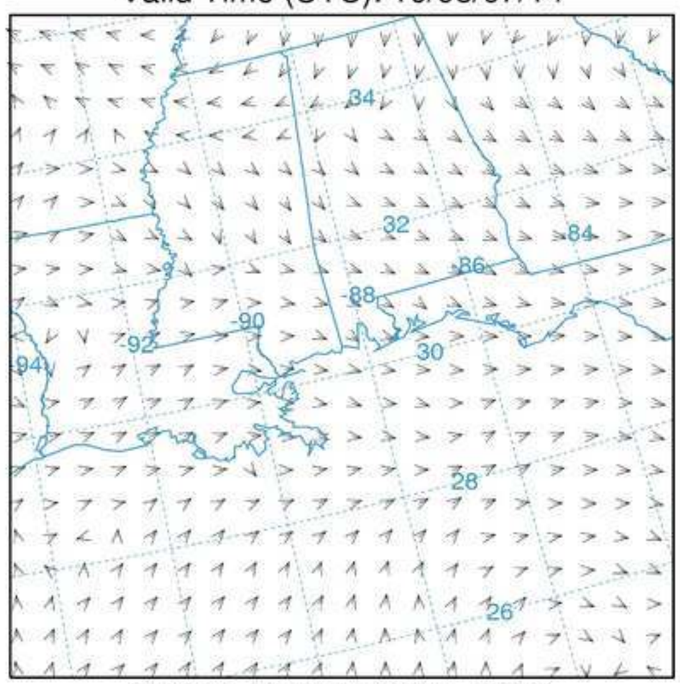
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/14



VECT (10) AT HEIGHT: 0.940

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

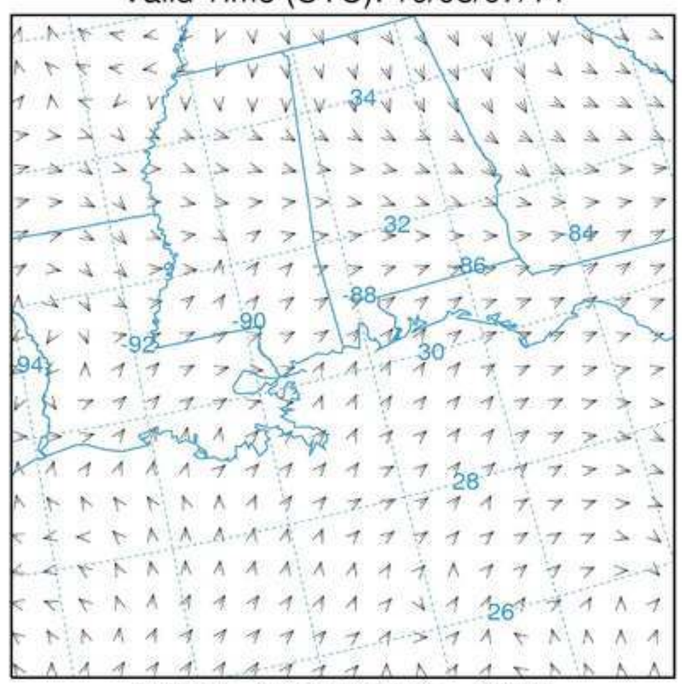
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/14



VECT (9) AT HEIGHT: 0.904

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

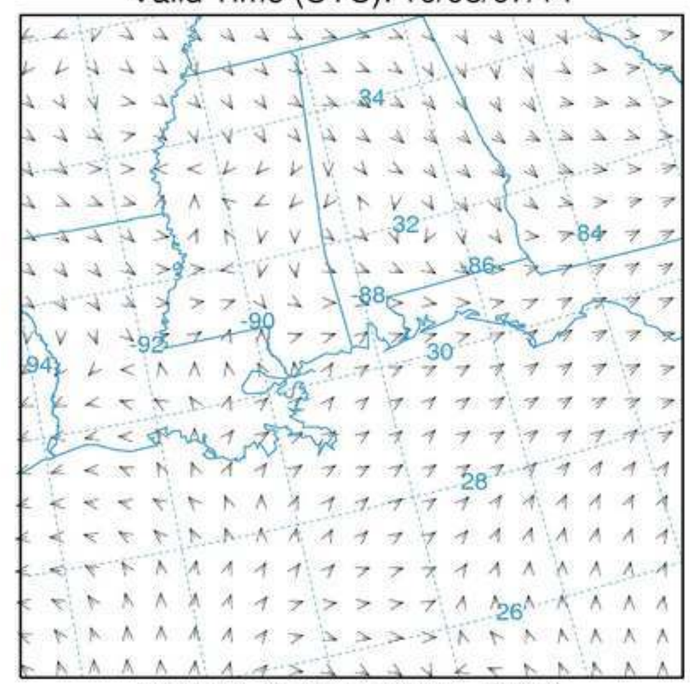
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/14



VECT (8) AT HEIGHT: 0.826

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

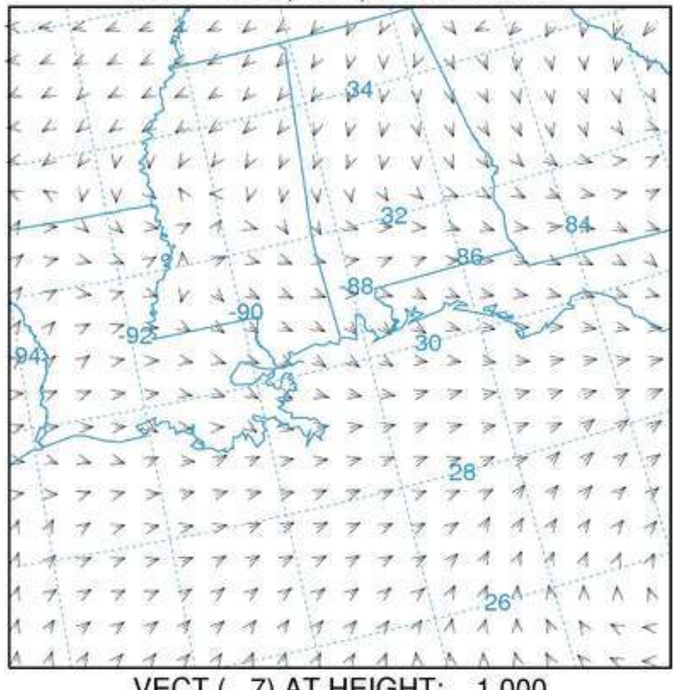
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/14



VECT (9) AT HEIGHT: 0.718

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

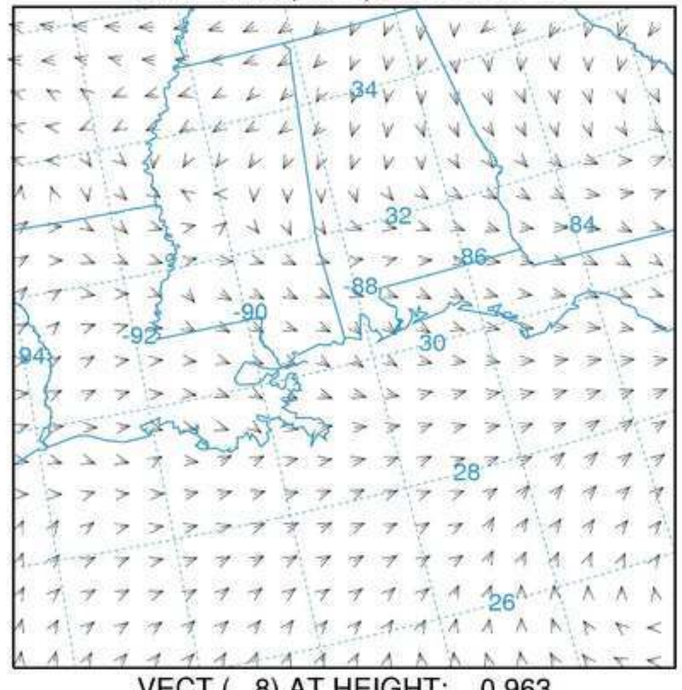
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/15



VECT (7) AT HEIGHT: 1.000

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

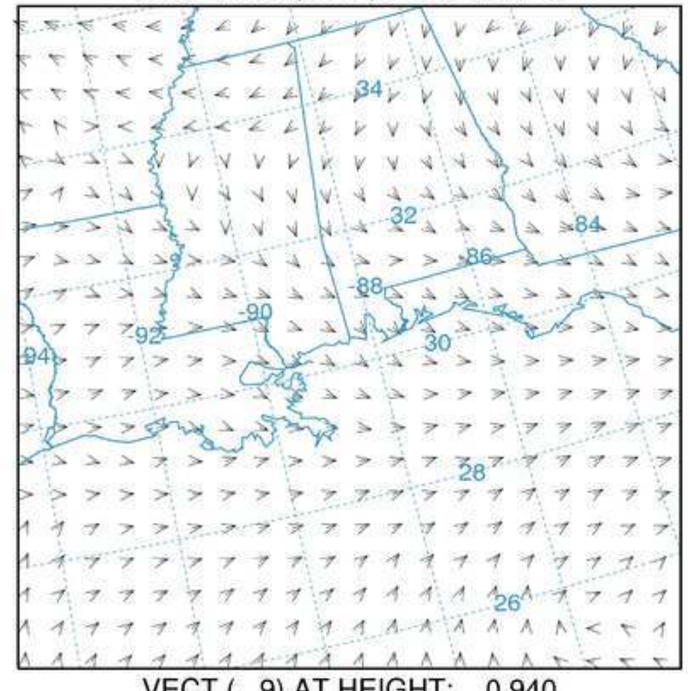
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/15



VECT (8) AT HEIGHT: 0.963

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

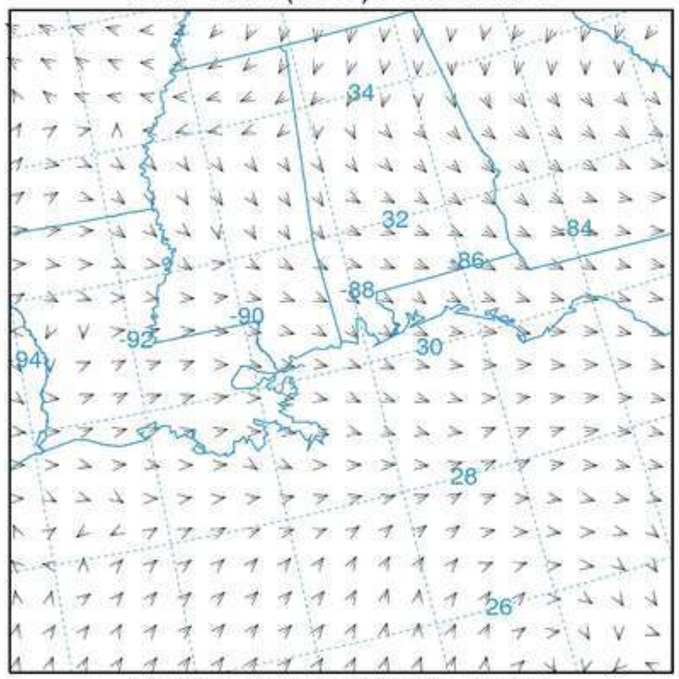
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/15



VECT (9) AT HEIGHT: 0.940

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

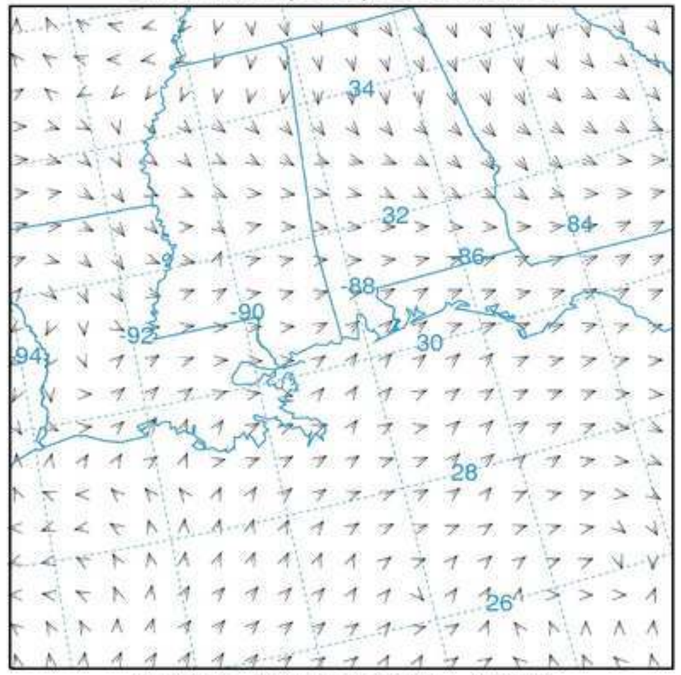
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/15



VECT (8) AT HEIGHT: 0.904

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

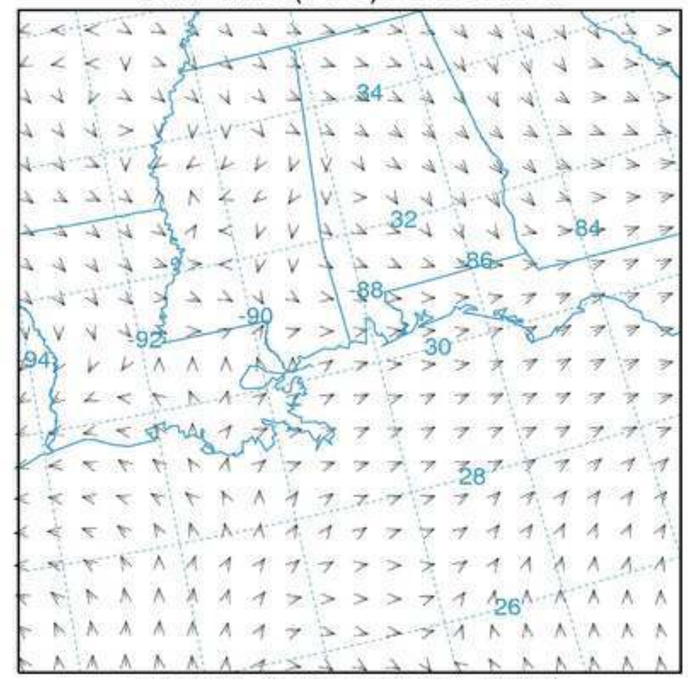
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/15



VECT (8) AT HEIGHT: 0.826

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

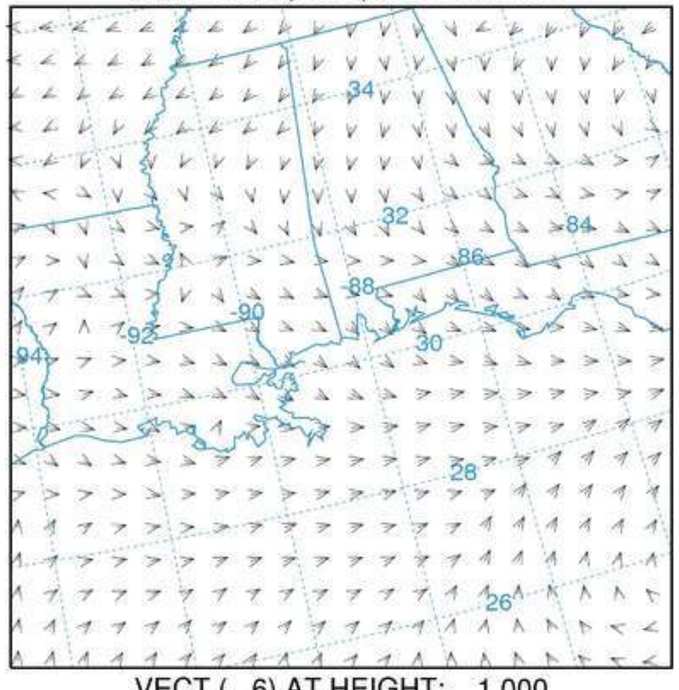
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/15



VECT (9) AT HEIGHT: 0.718

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

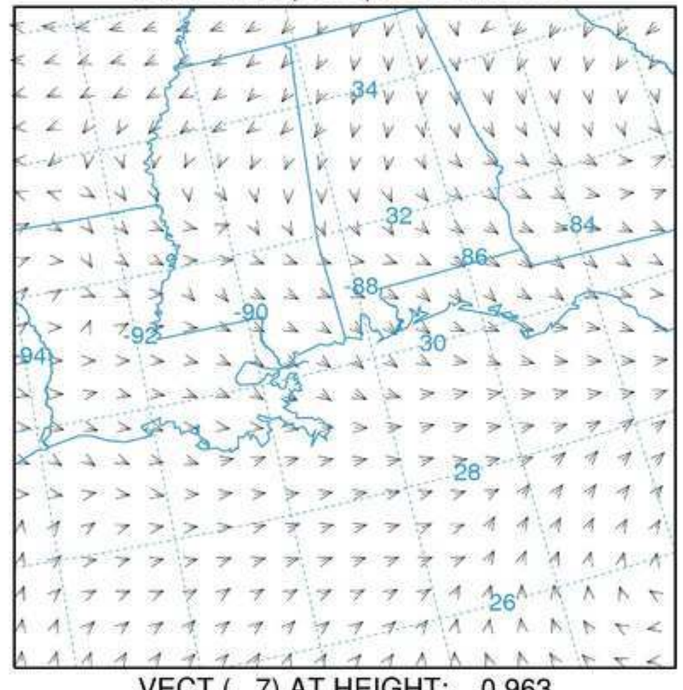
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/16



VECT (6) AT HEIGHT: 1.000

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

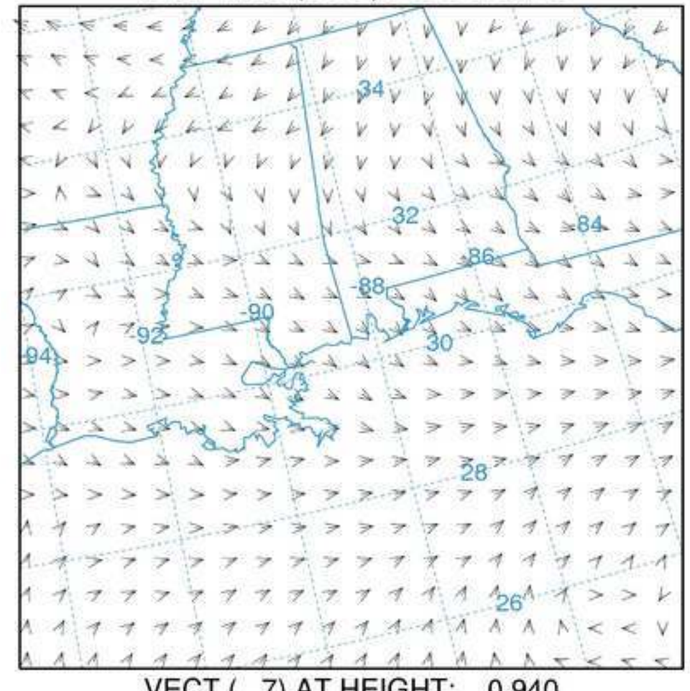
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/16



VECT (7) AT HEIGHT: 0.963

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

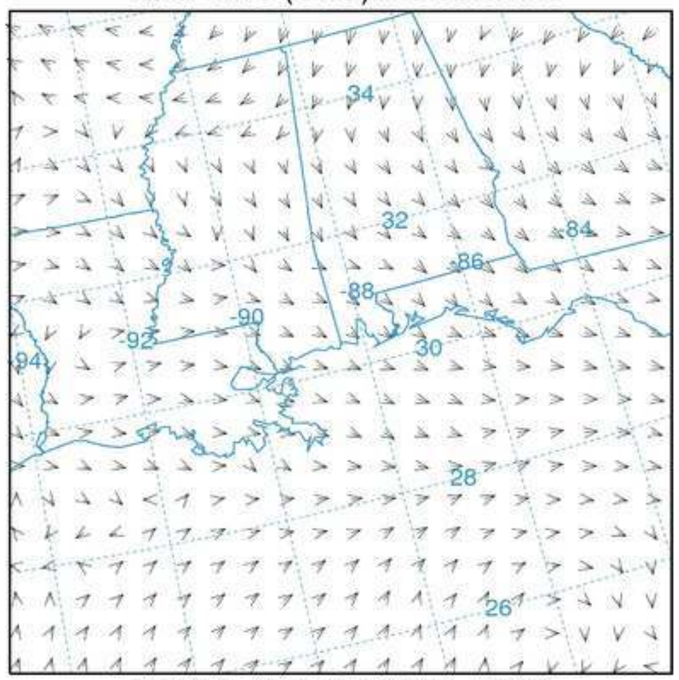
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/16



VECT (7) AT HEIGHT: 0.940

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

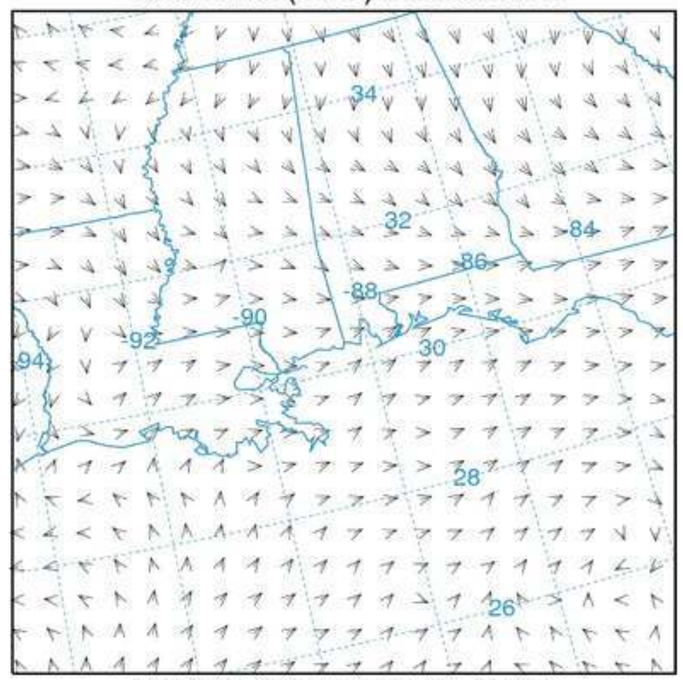
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/16



VECT (8) AT HEIGHT: 0.904

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

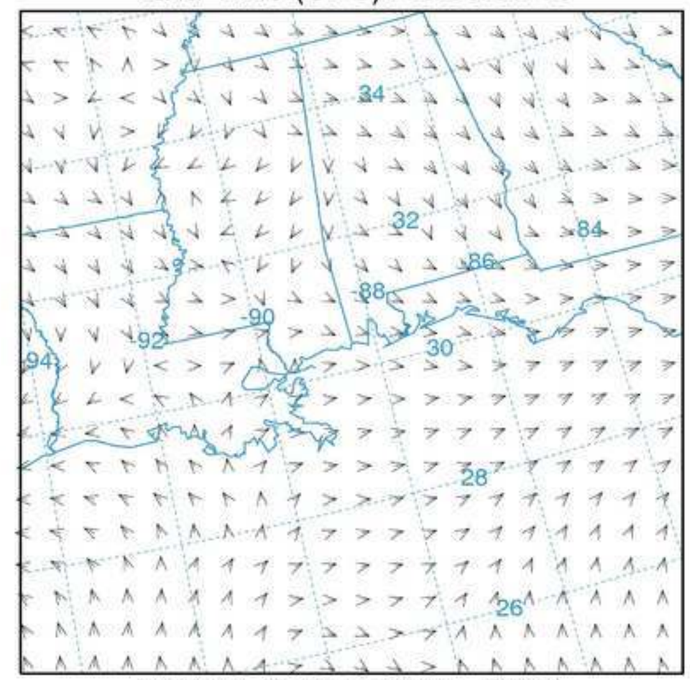
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/16



VECT (8) AT HEIGHT: 0.826

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

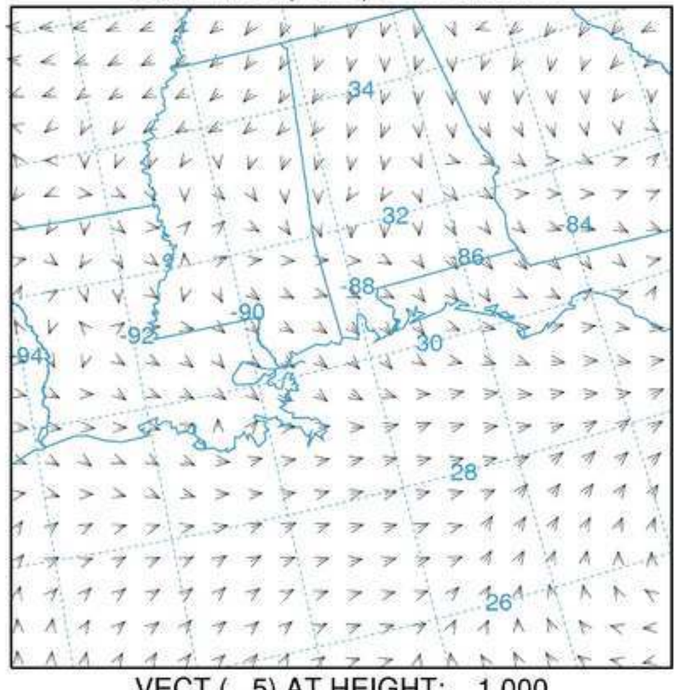
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/16



VECT (9) AT HEIGHT: 0.718

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

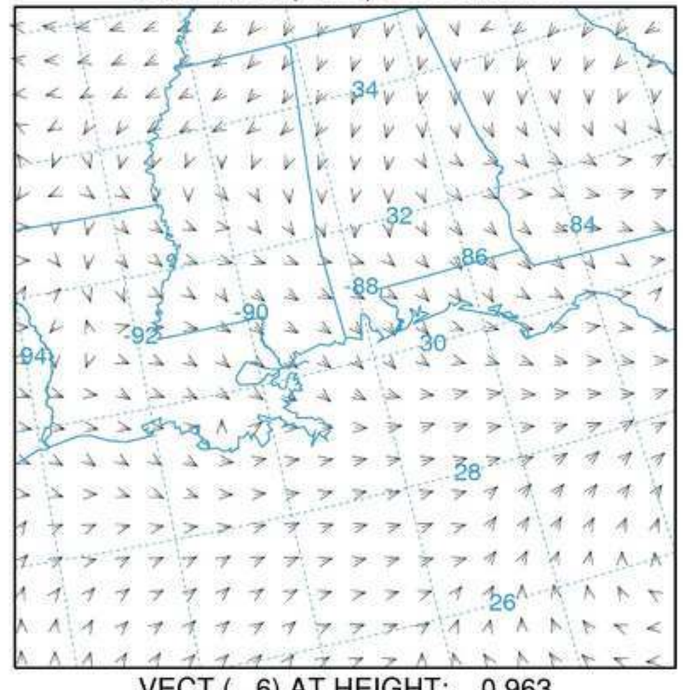
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/17



VECT (5) AT HEIGHT: 1.000

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

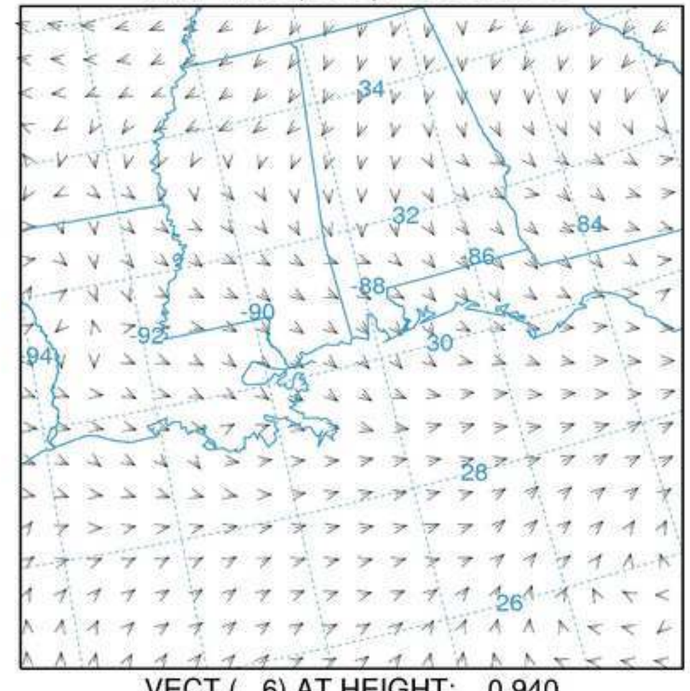
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/17



VECT (6) AT HEIGHT: 0.963

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

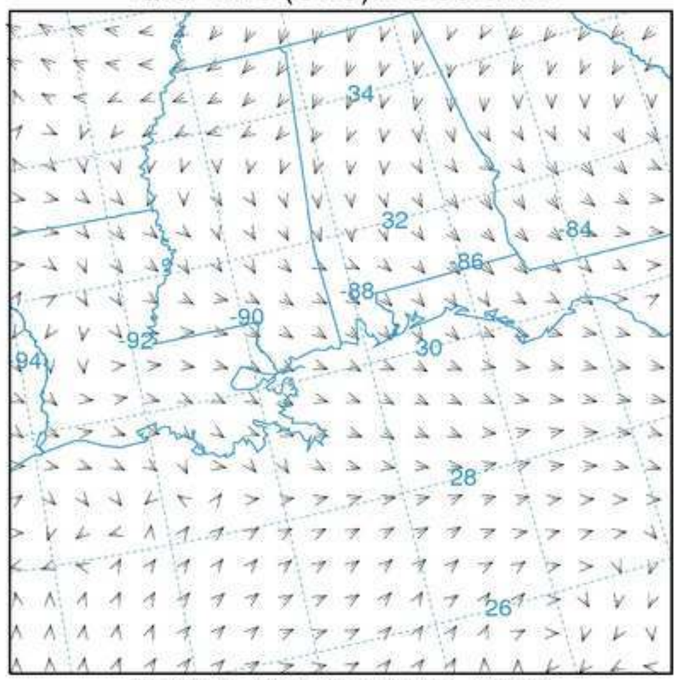
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/17



VECT (6) AT HEIGHT: 0.940

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

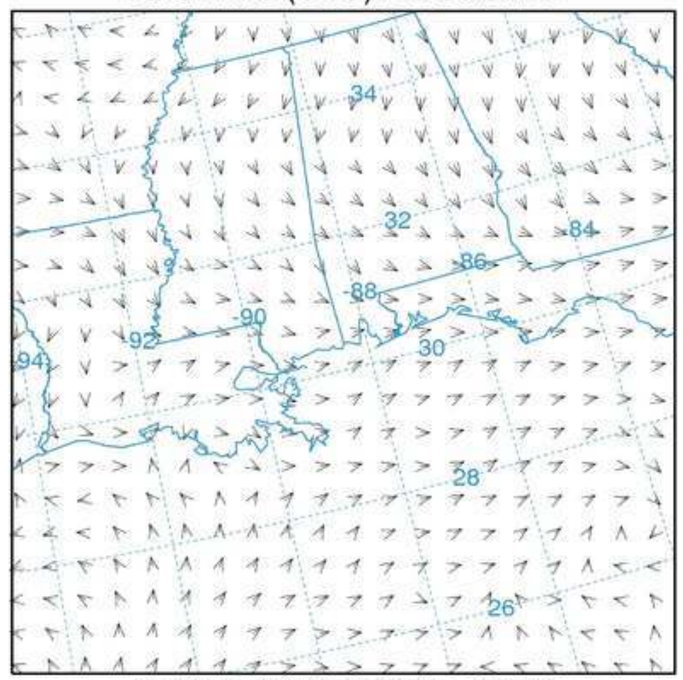
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/17



VECT (7) AT HEIGHT: 0.904

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

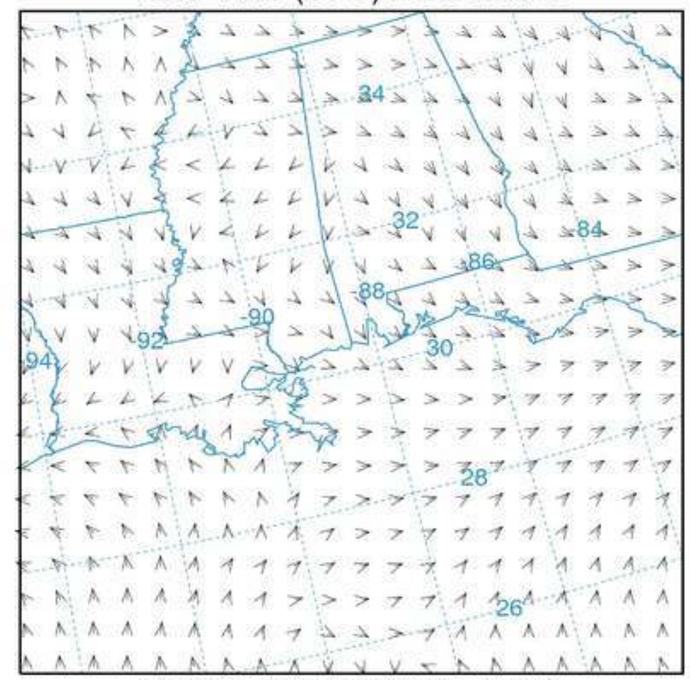
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/17



VECT (8) AT HEIGHT: 0.826

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

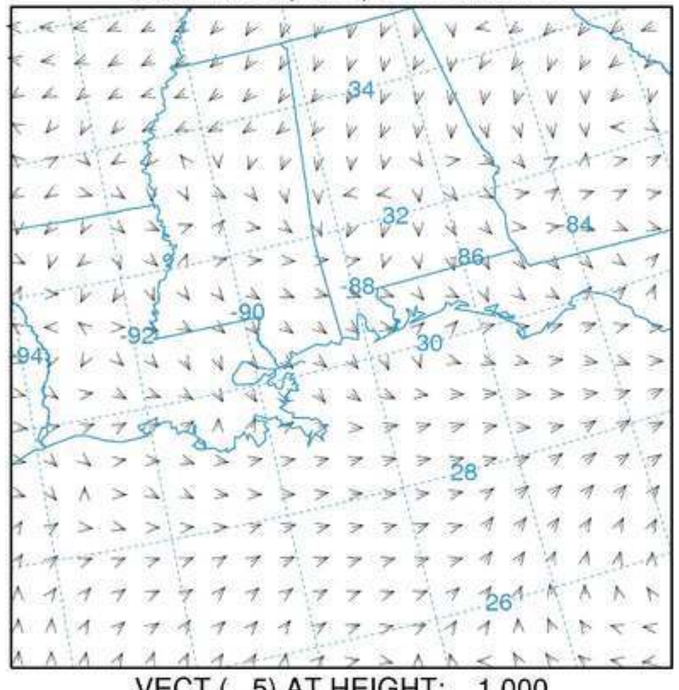
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/17



VECT (9) AT HEIGHT: 0.718

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

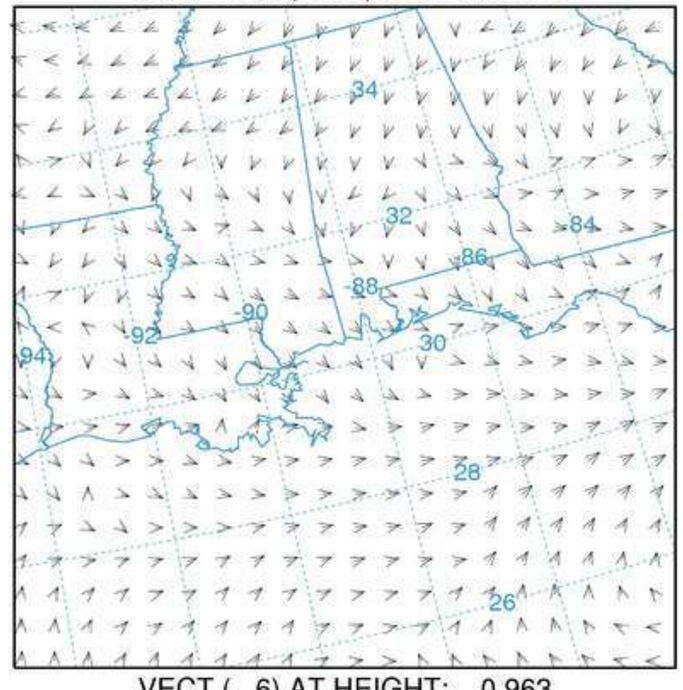
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/18



VECT (5) AT HEIGHT: 1.000

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

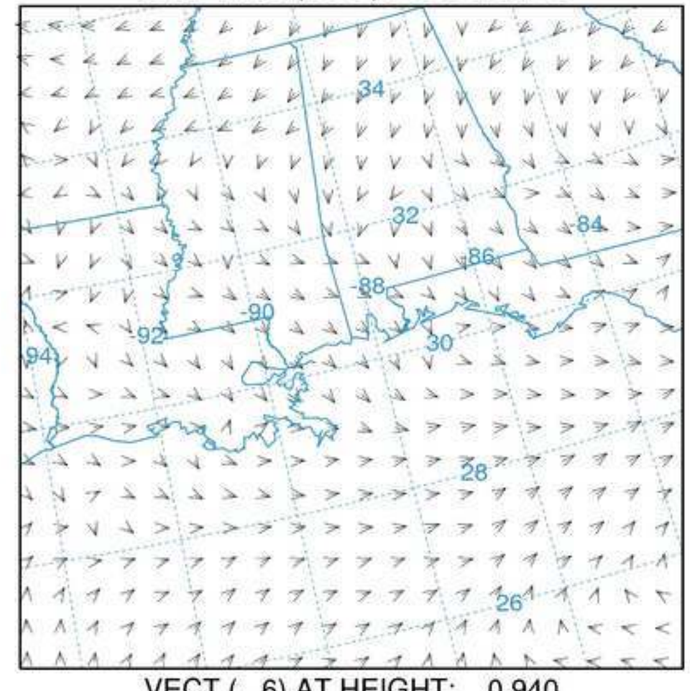
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/18



VECT (6) AT HEIGHT: 0.963

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

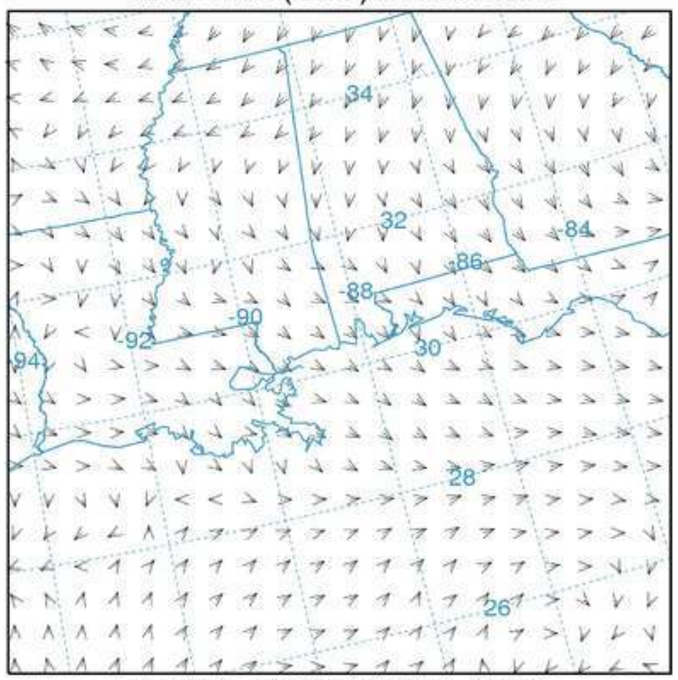
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/18



VECT (6) AT HEIGHT: 0.940

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

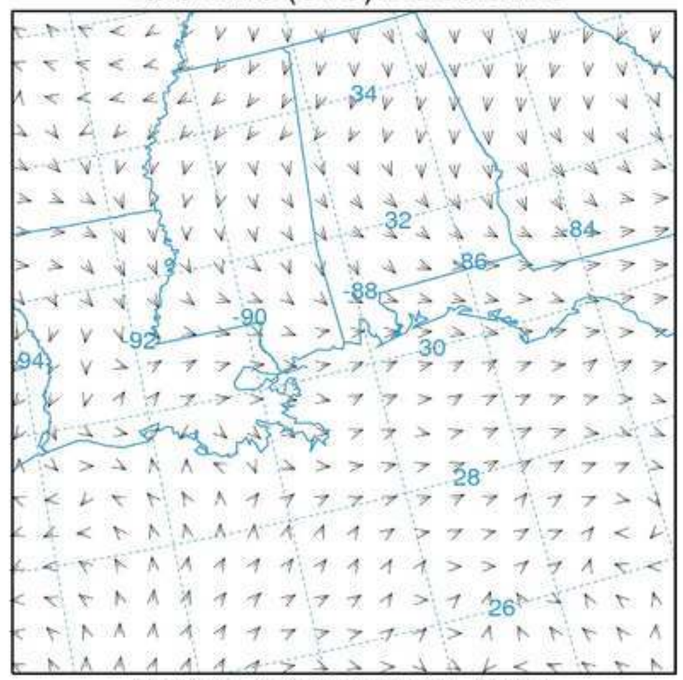
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/18



VECT (7) AT HEIGHT: 0.904

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

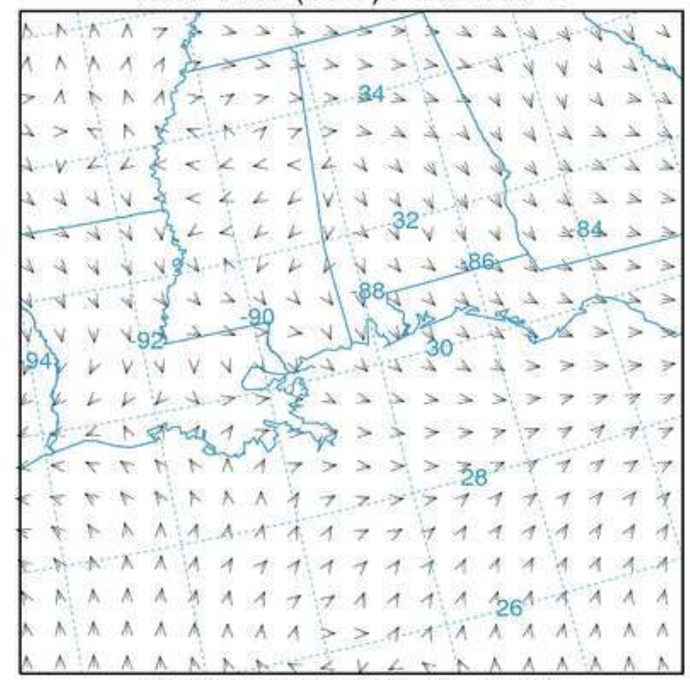
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/18



VECT (8) AT HEIGHT: 0.826

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

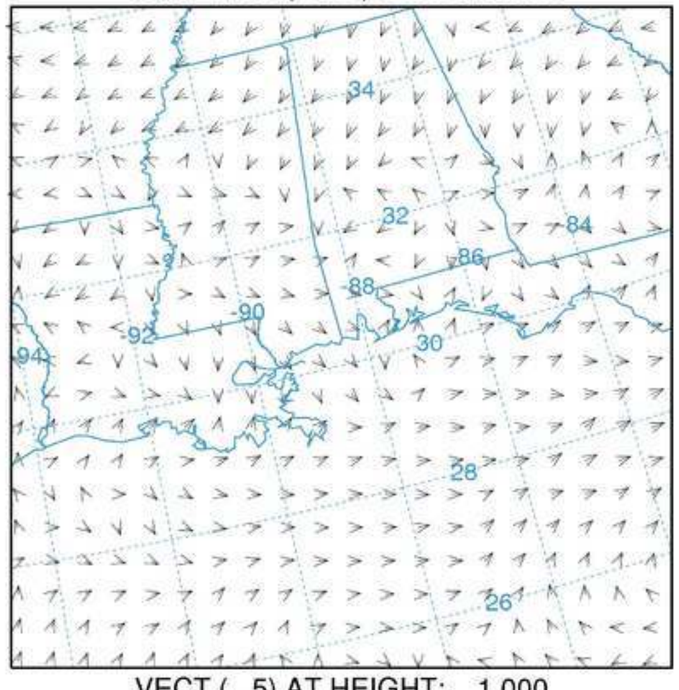
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/18



VECT (9) AT HEIGHT: 0.718

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

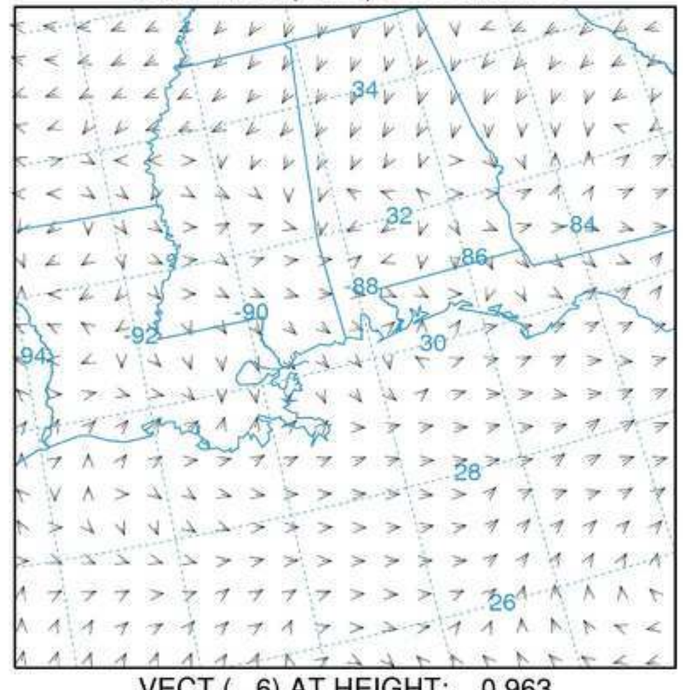
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/19



VECT (5) AT HEIGHT: 1.000

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

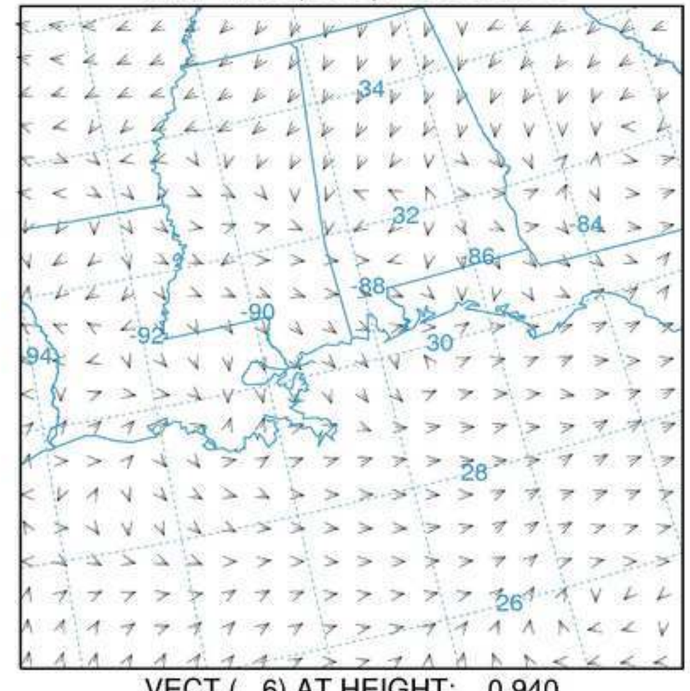
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/19



VECT (6) AT HEIGHT: 0.963

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

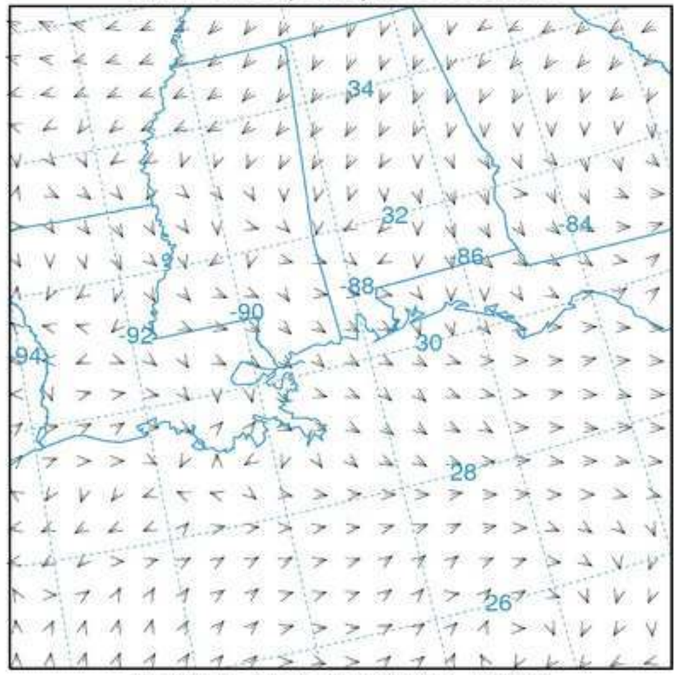
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/19



VECT (6) AT HEIGHT: 0.940

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

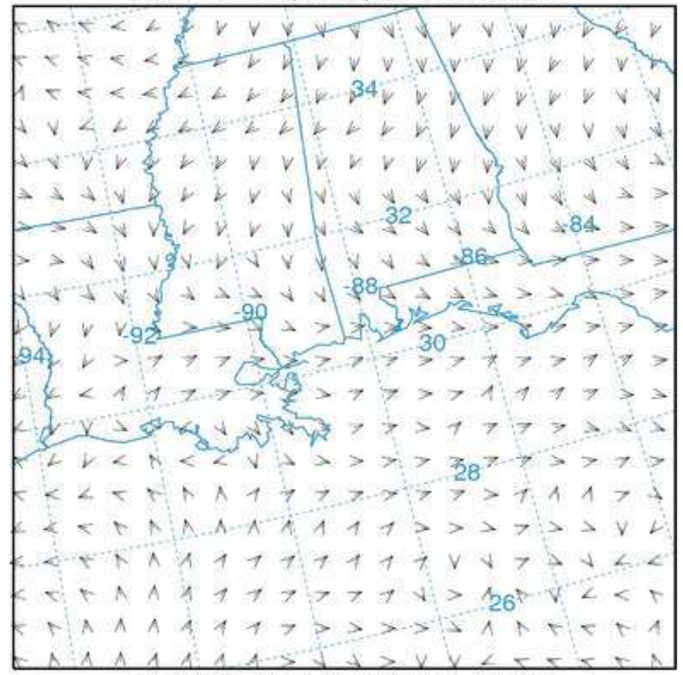
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/19



VECT (6) AT HEIGHT: 0.904

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

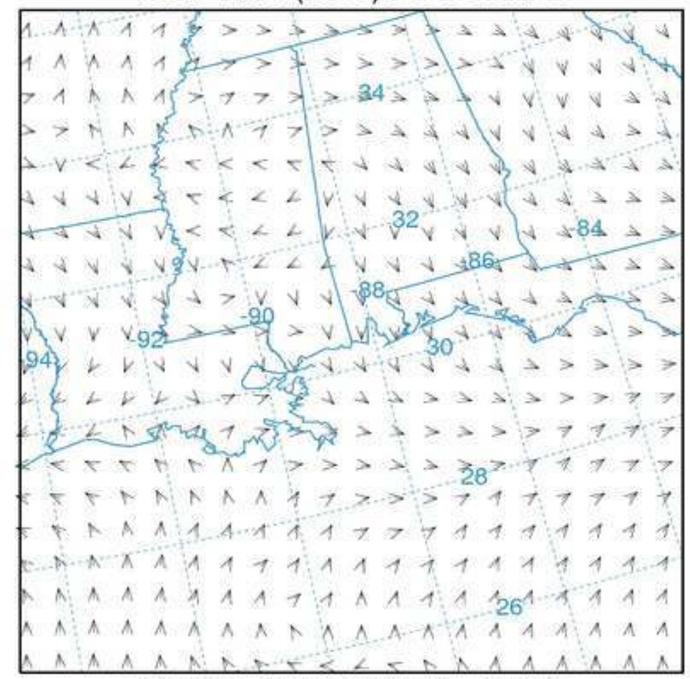
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/19



VECT (8) AT HEIGHT: 0.826

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

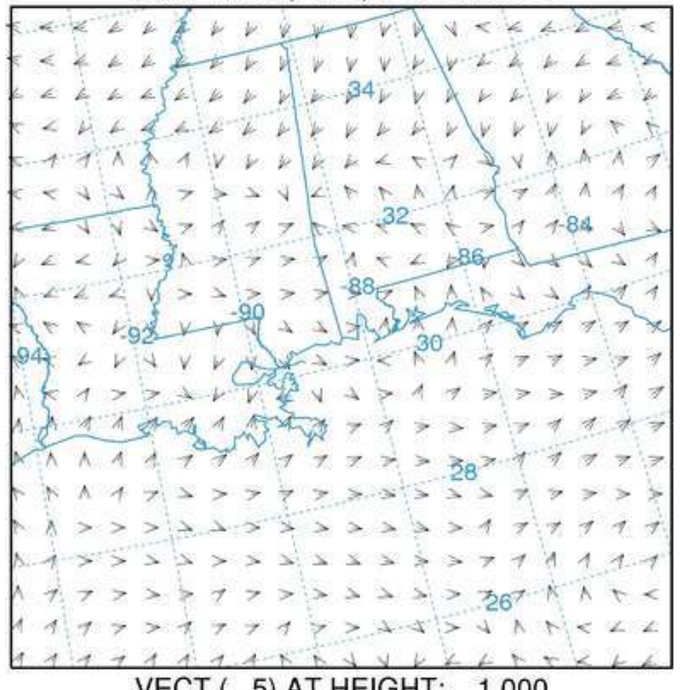
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/19



VECT (8) AT HEIGHT: 0.718

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

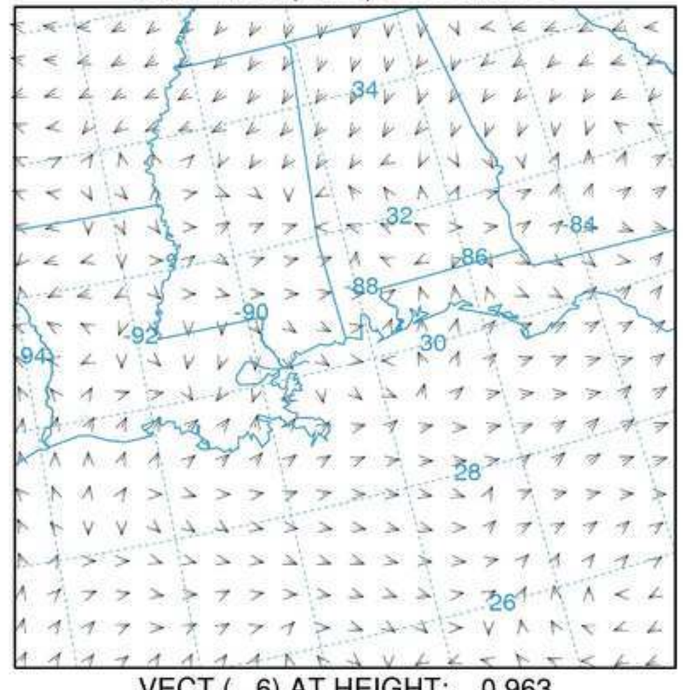
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/20



VECT (5) AT HEIGHT: 1.000

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

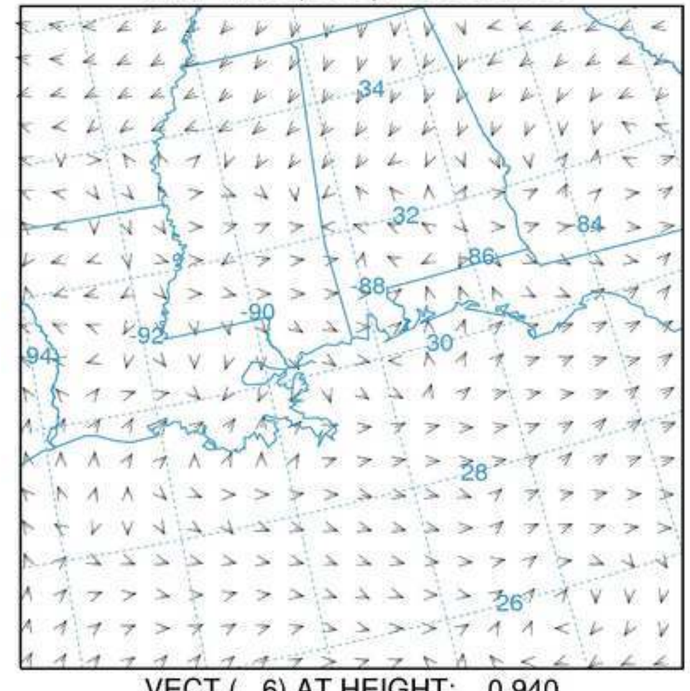
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/20



VECT (6) AT HEIGHT: 0.963

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

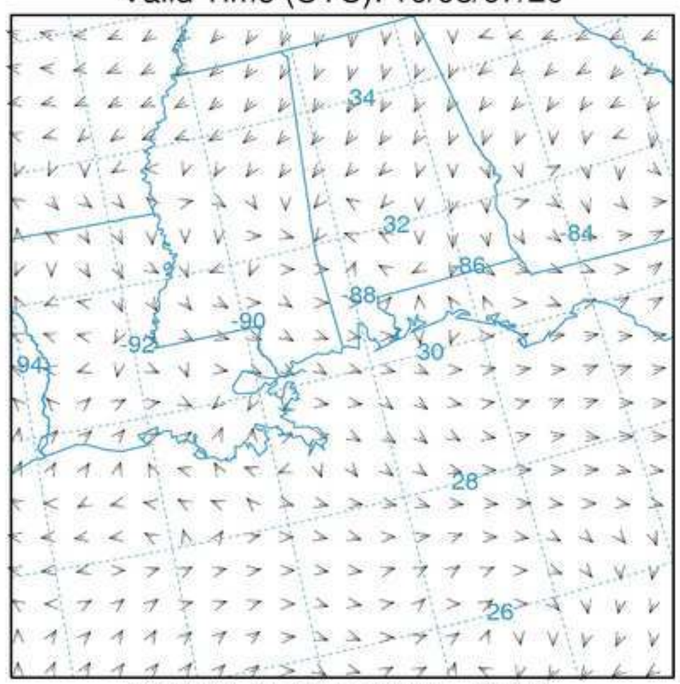
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/20



VECT (6) AT HEIGHT: 0.940

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

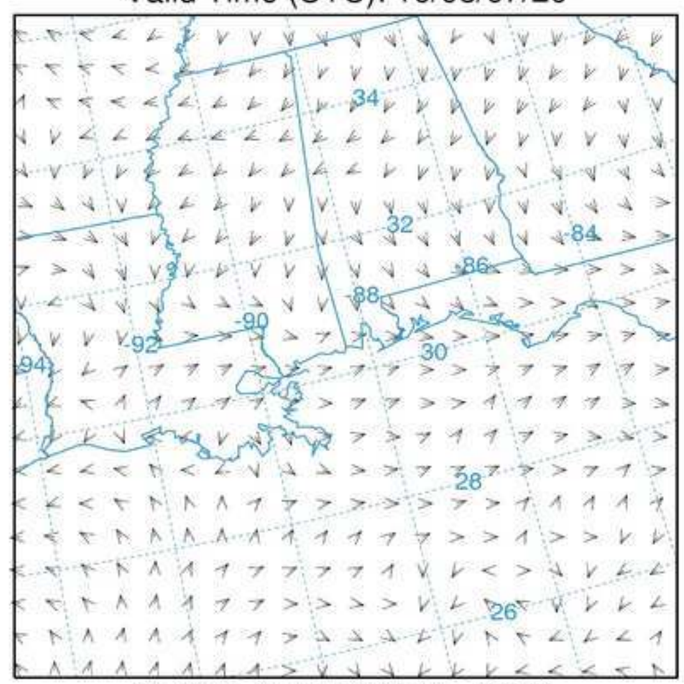
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/20



VECT (6) AT HEIGHT: 0.904

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

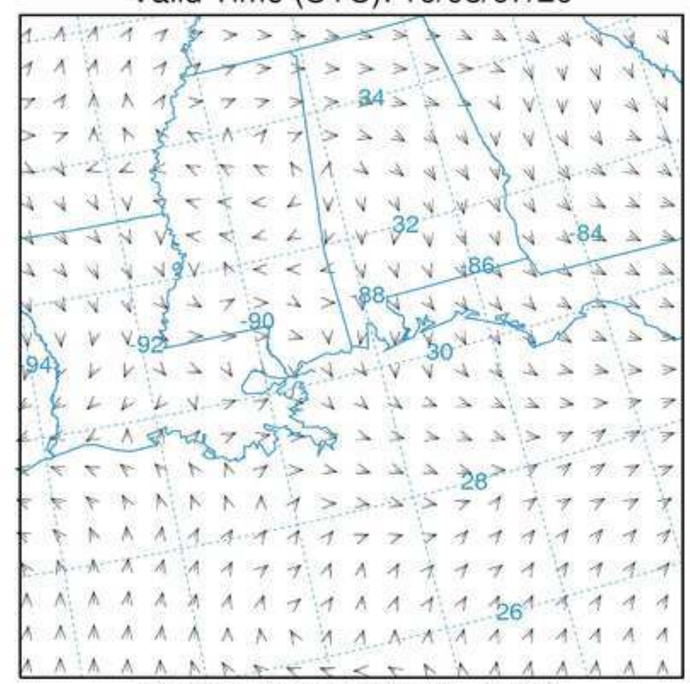
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/20



VECT (8) AT HEIGHT: 0.826

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

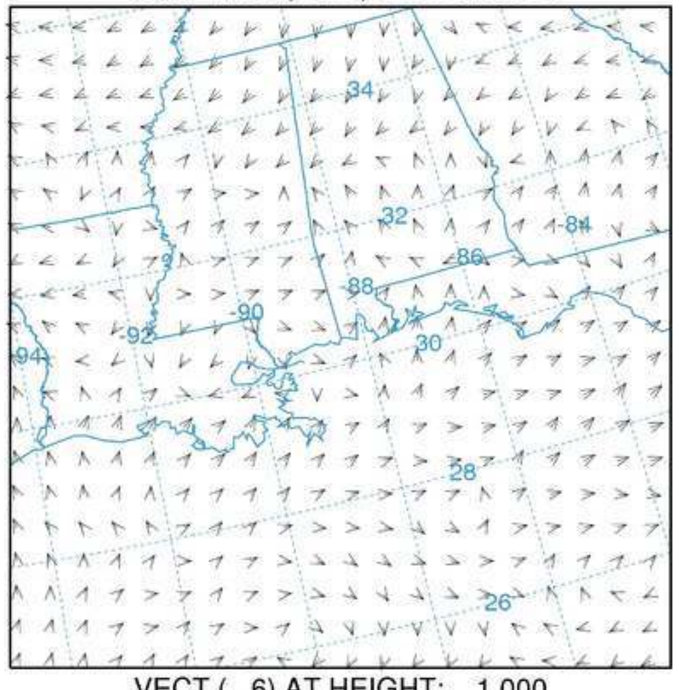
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/20



VECT (8) AT HEIGHT: 0.718

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

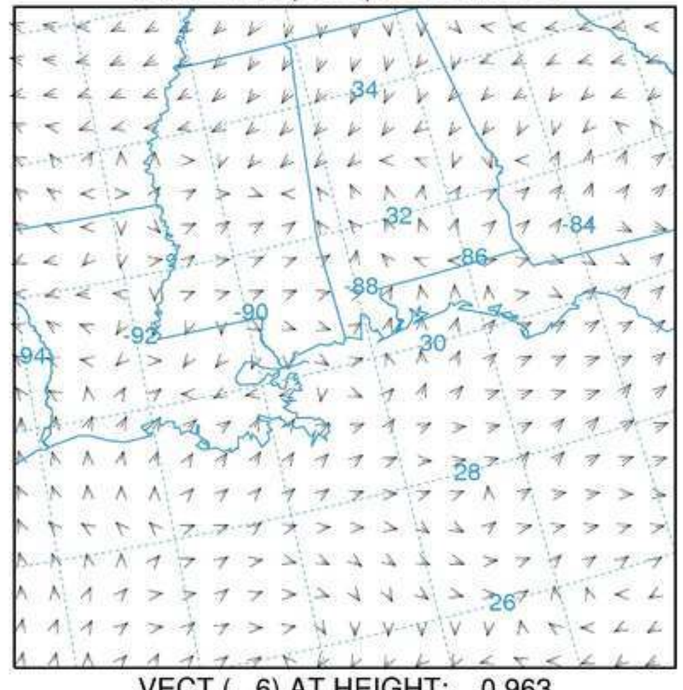
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/21



VECT (6) AT HEIGHT: 1.000

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

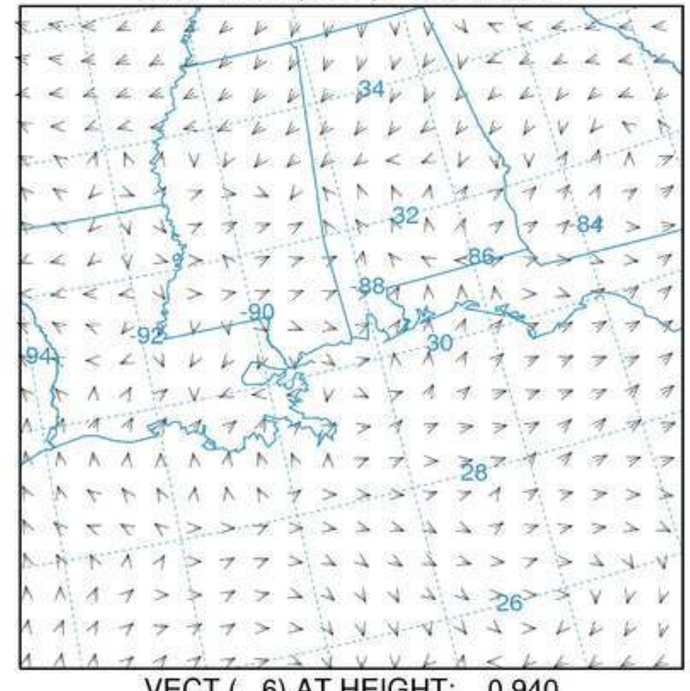
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/21



VECT (6) AT HEIGHT: 0.963

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

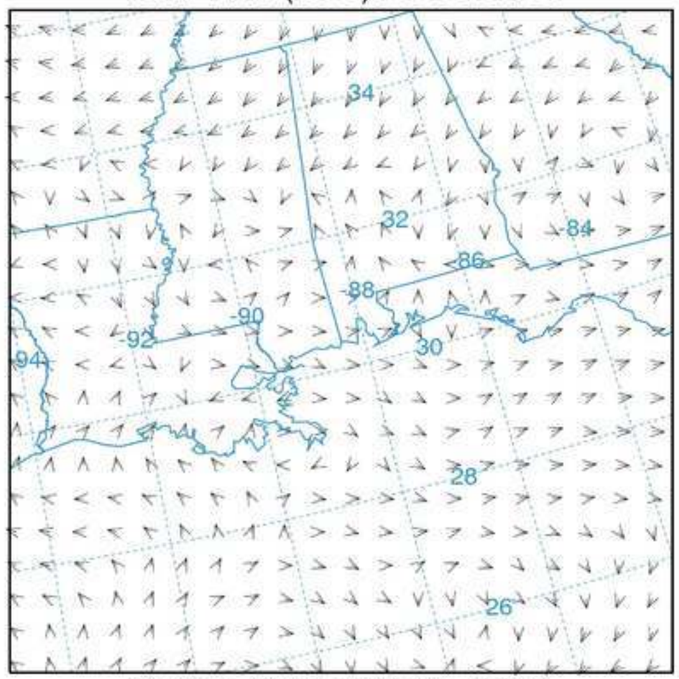
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/21



VECT (6) AT HEIGHT: 0.940

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

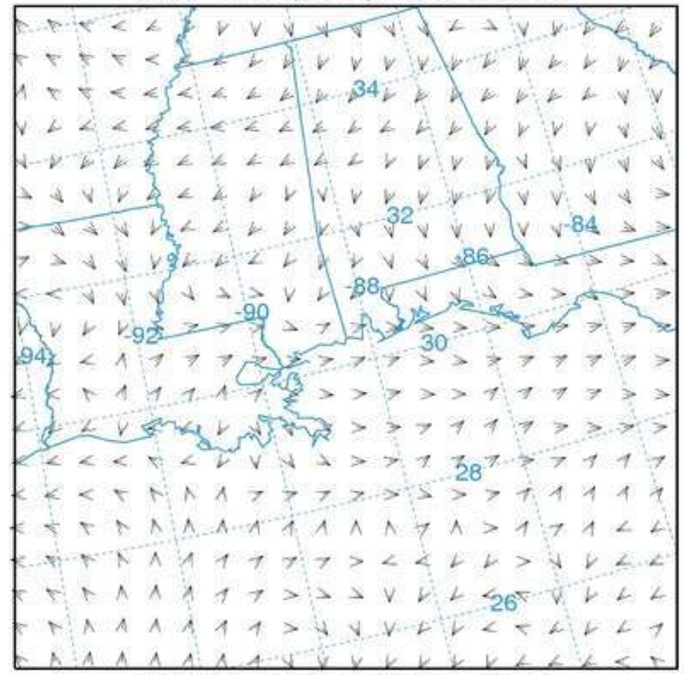
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/21



VECT (7) AT HEIGHT: 0.904

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

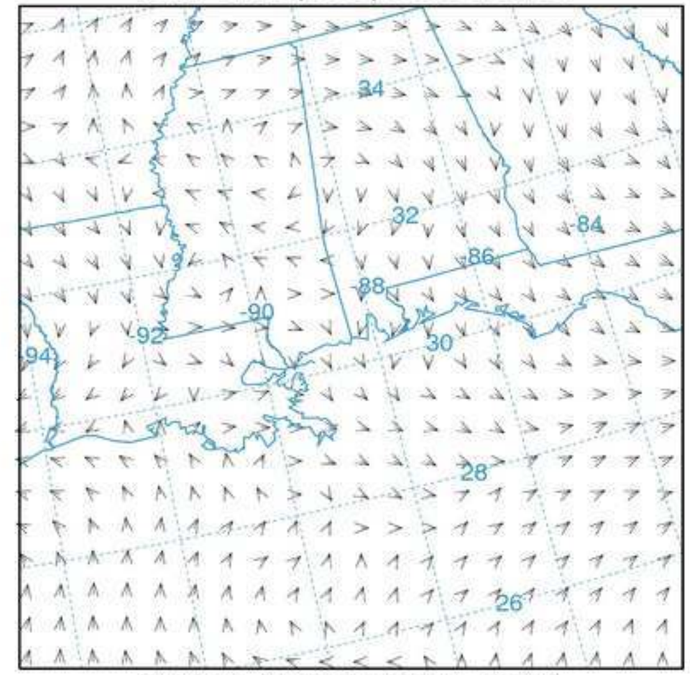
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/21



VECT (7) AT HEIGHT: 0.826

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

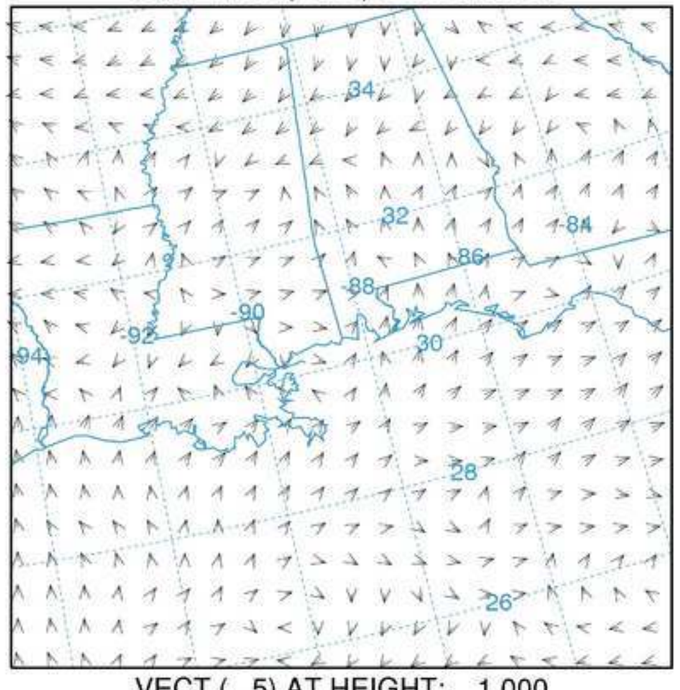
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/21



VECT (8) AT HEIGHT: 0.718

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

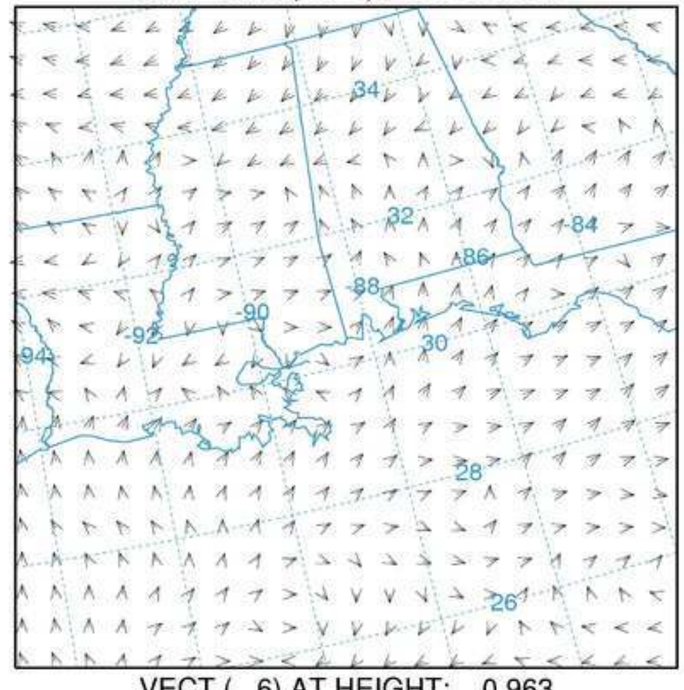
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/22



VECT (5) AT HEIGHT: 1.000

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

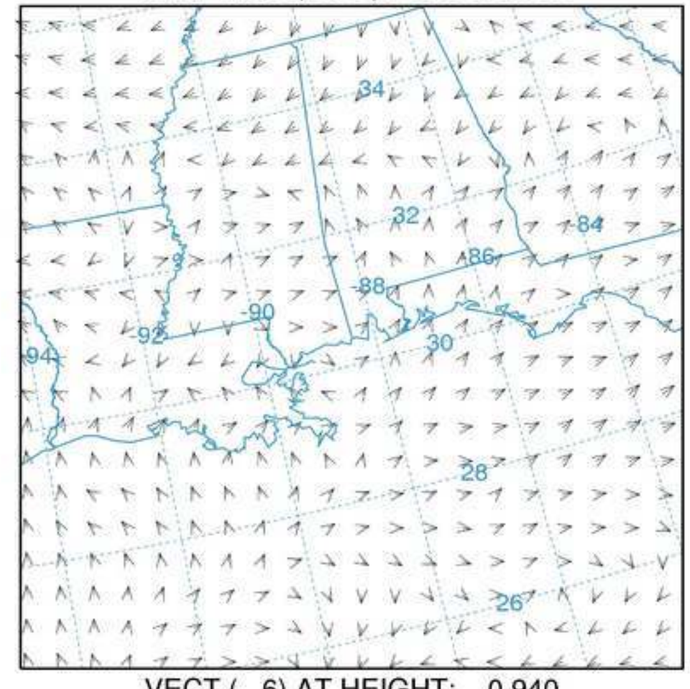
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/22



VECT (6) AT HEIGHT: 0.963

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

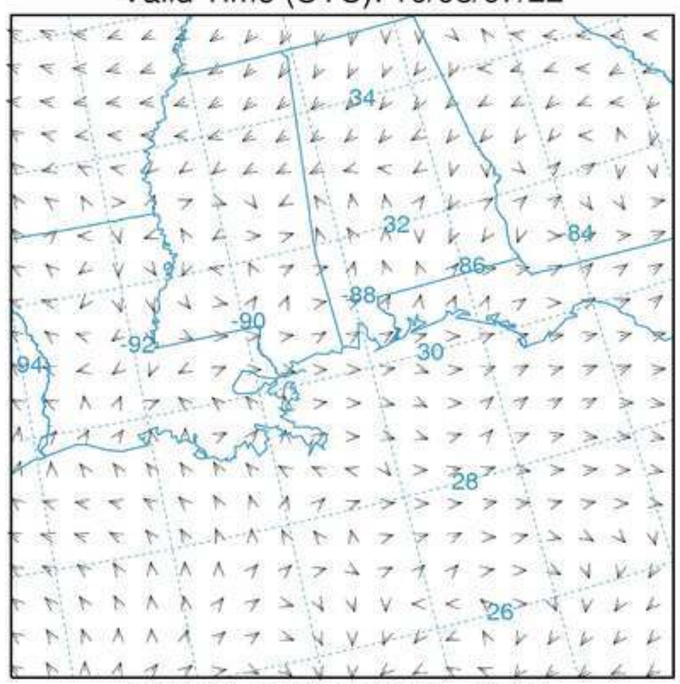
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/22



VECT (6) AT HEIGHT: 0.940

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

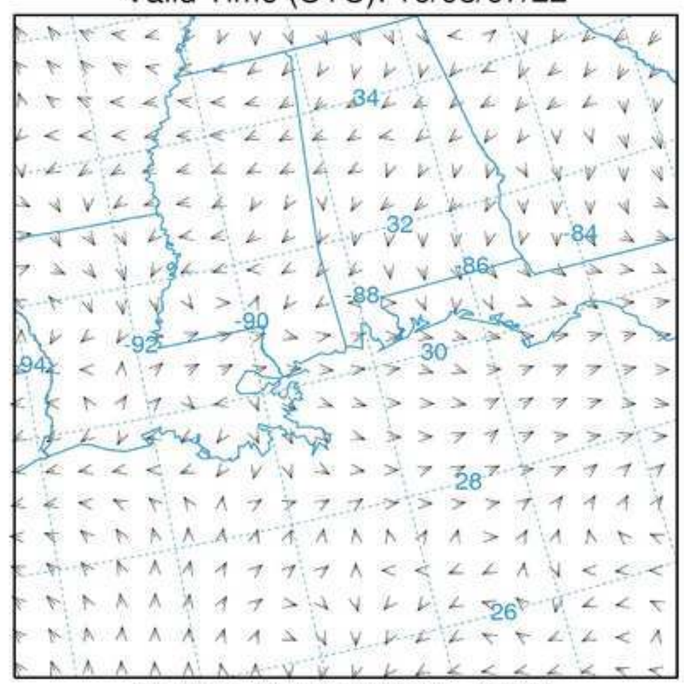
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/22



VECT (7) AT HEIGHT: 0.904

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

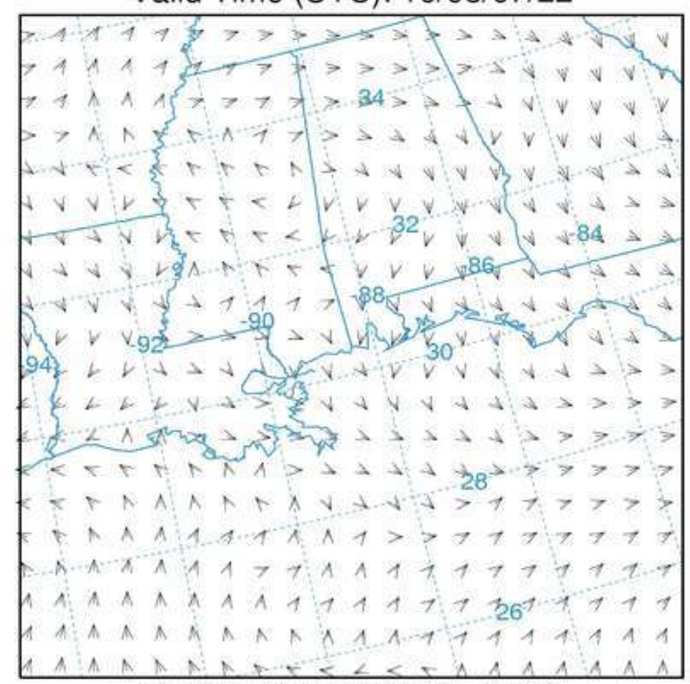
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/22



VECT (7) AT HEIGHT: 0.826

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

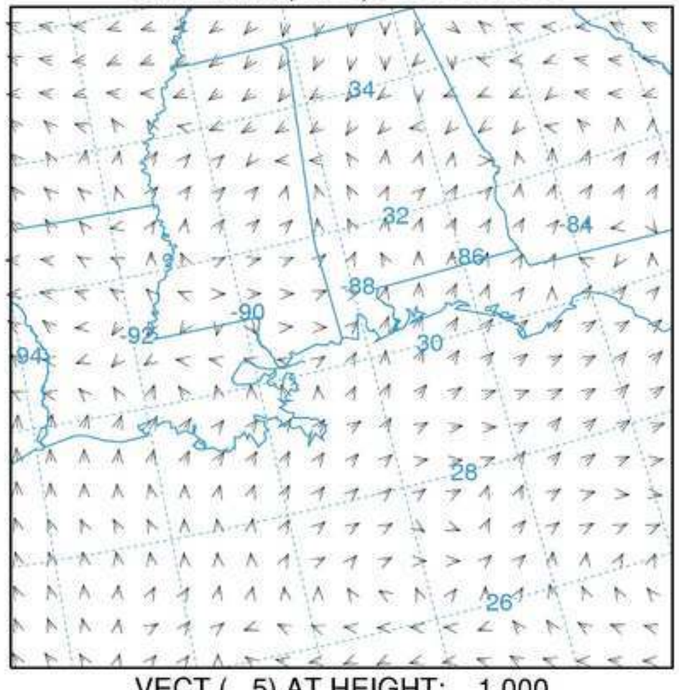
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/22



VECT (7) AT HEIGHT: 0.718

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

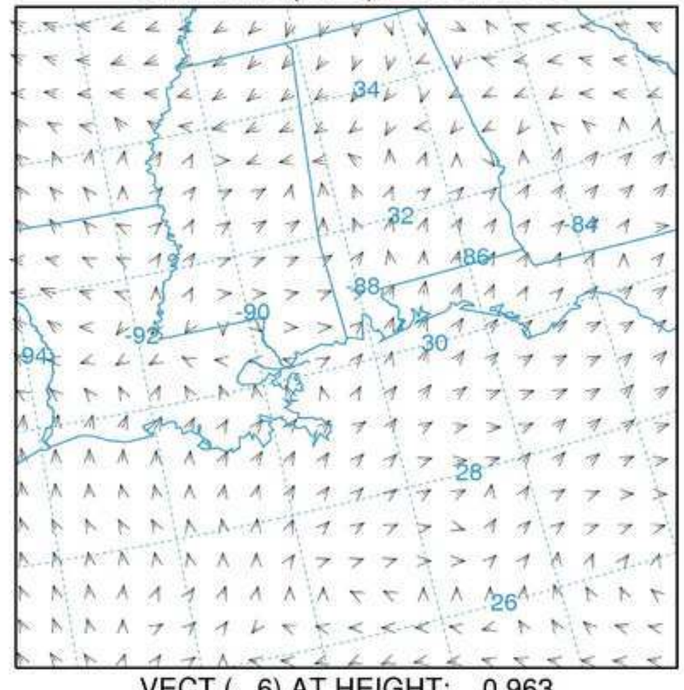
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/23



VECT (5) AT HEIGHT: 1.000

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

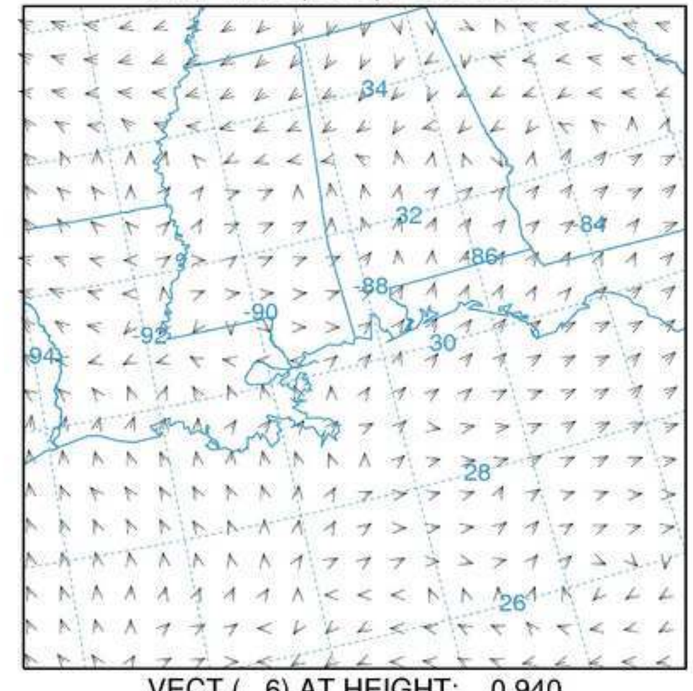
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/23



VECT (6) AT HEIGHT: 0.963

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

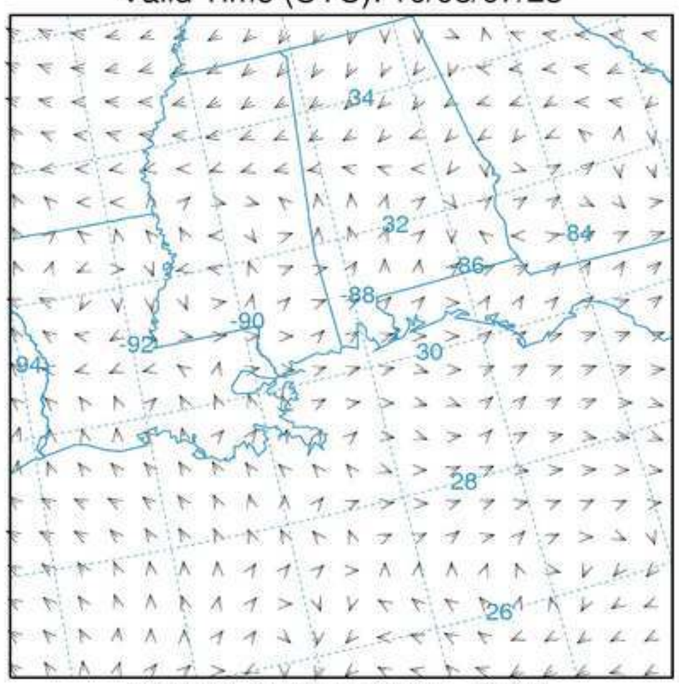
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/23



VECT (6) AT HEIGHT: 0.940

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

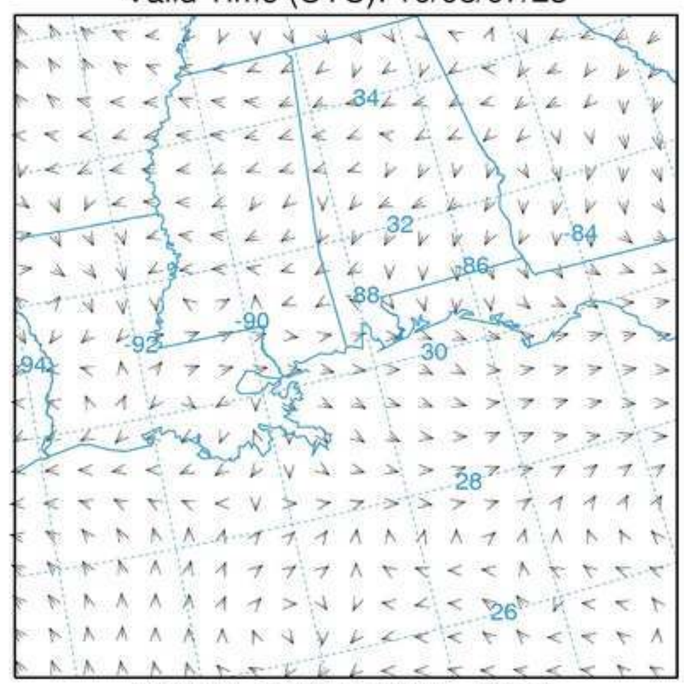
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/23



VECT (6) AT HEIGHT: 0.904

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

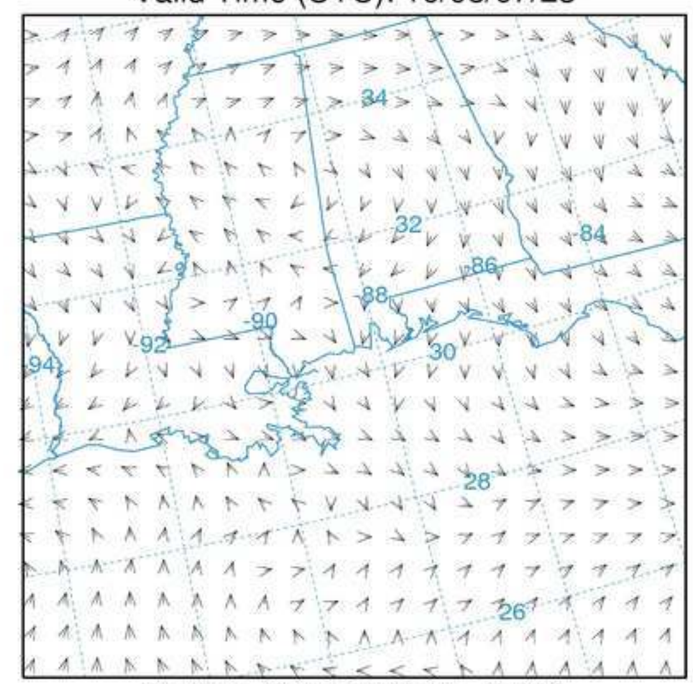
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/23



VECT (7) AT HEIGHT: 0.826

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

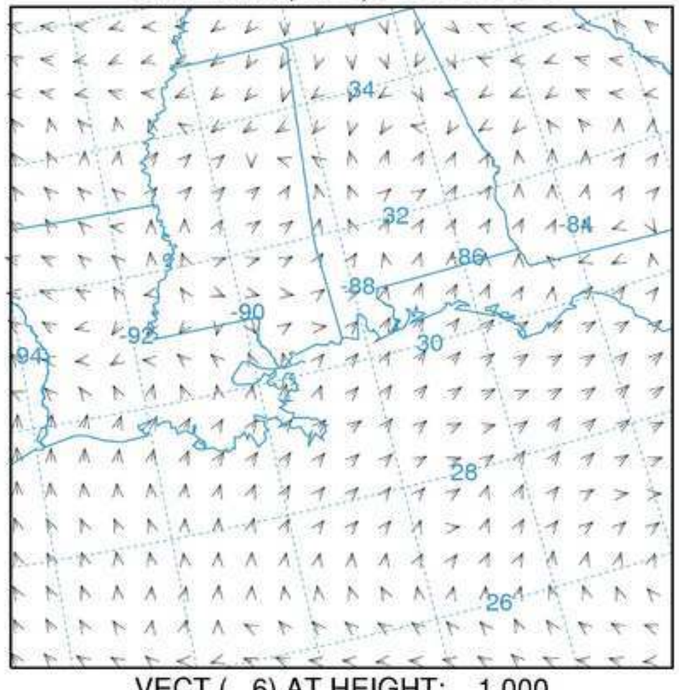
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/07/23



VECT (7) AT HEIGHT: 0.718

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

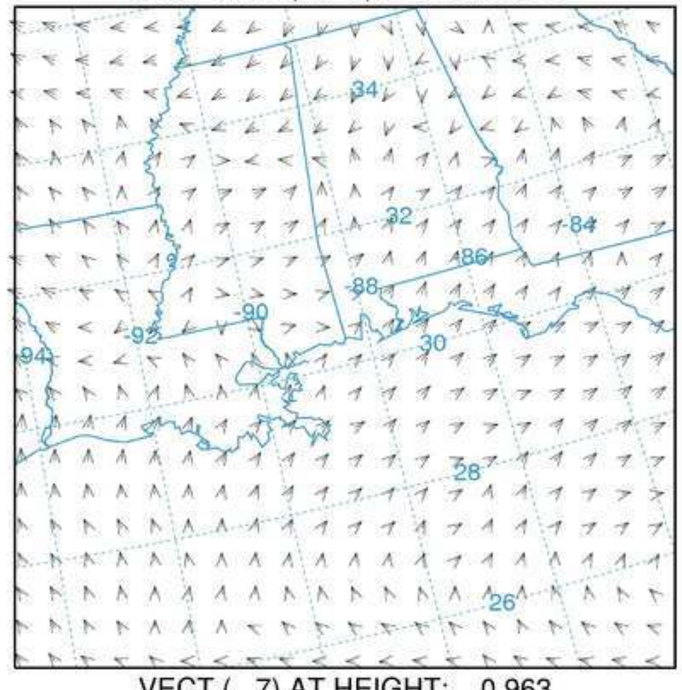
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/00



VECT (6) AT HEIGHT: 1.000

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

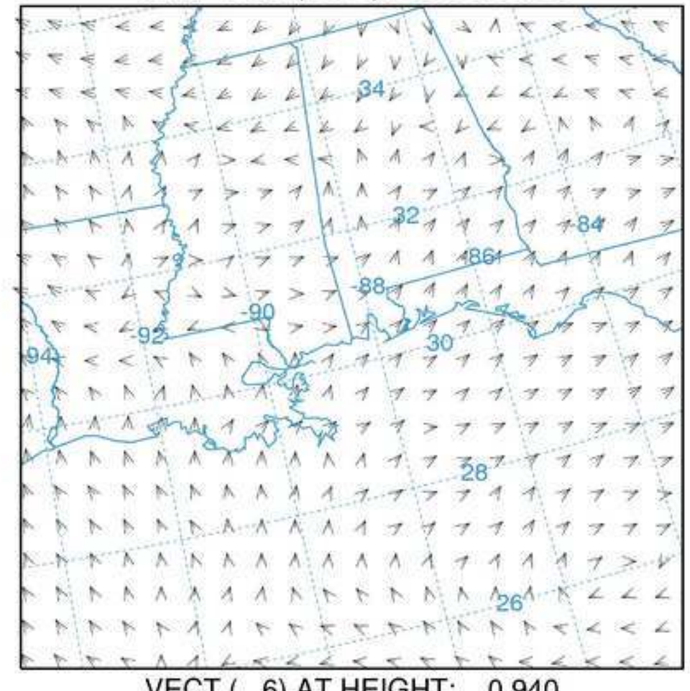
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/00



VECT (7) AT HEIGHT: 0.963

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

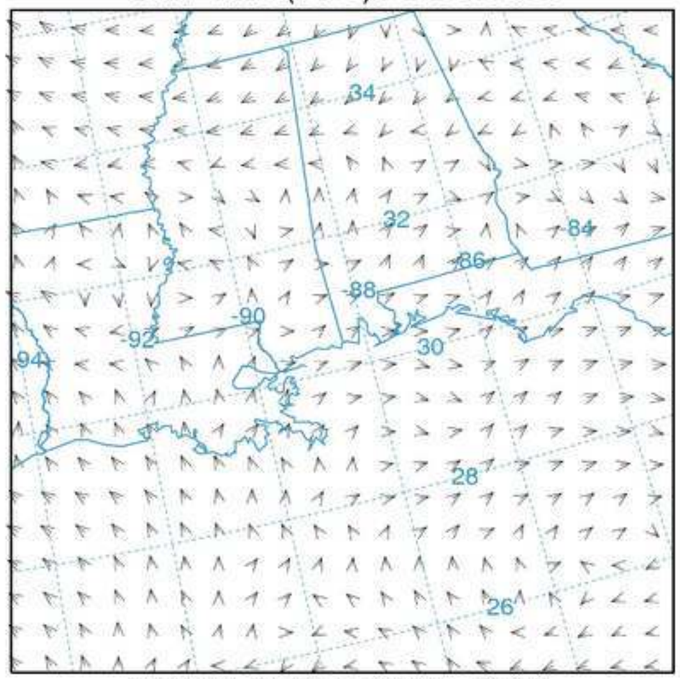
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/00



VECT (6) AT HEIGHT: 0.940

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

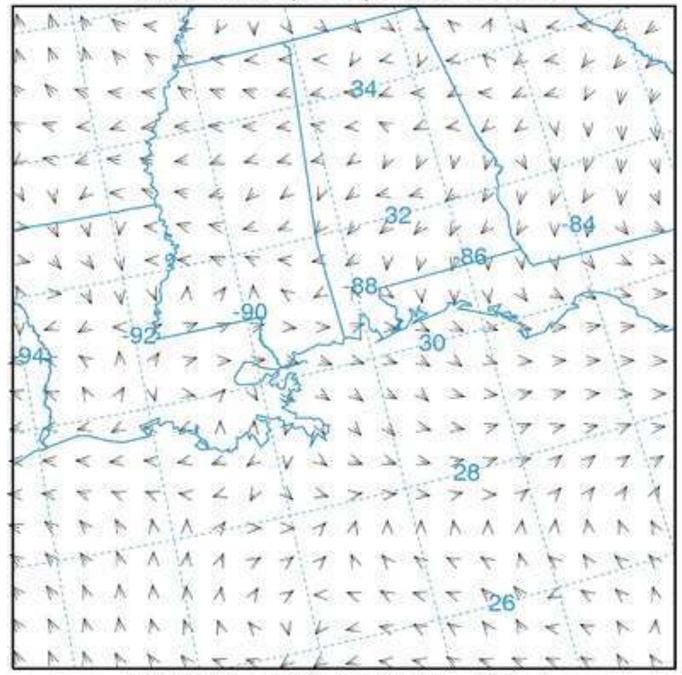
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/00



VECT (6) AT HEIGHT: 0.904

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

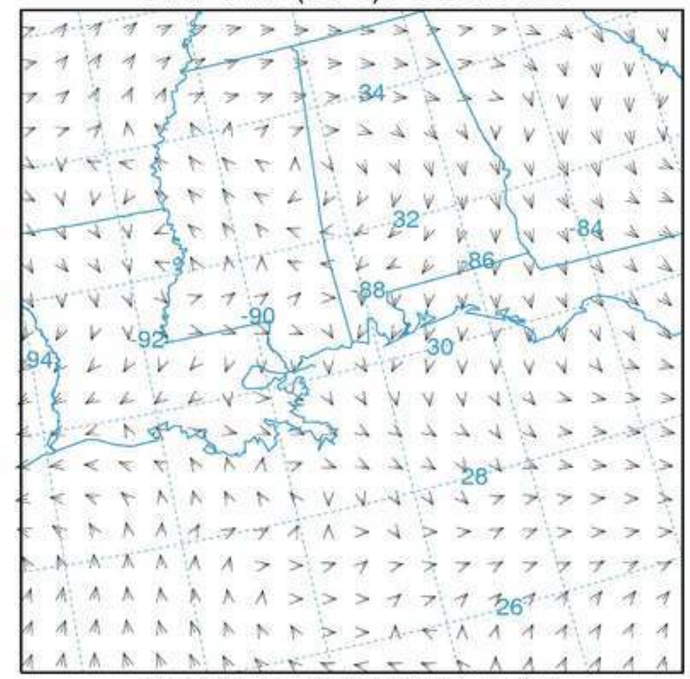
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/00



VECT (7) AT HEIGHT: 0.826

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

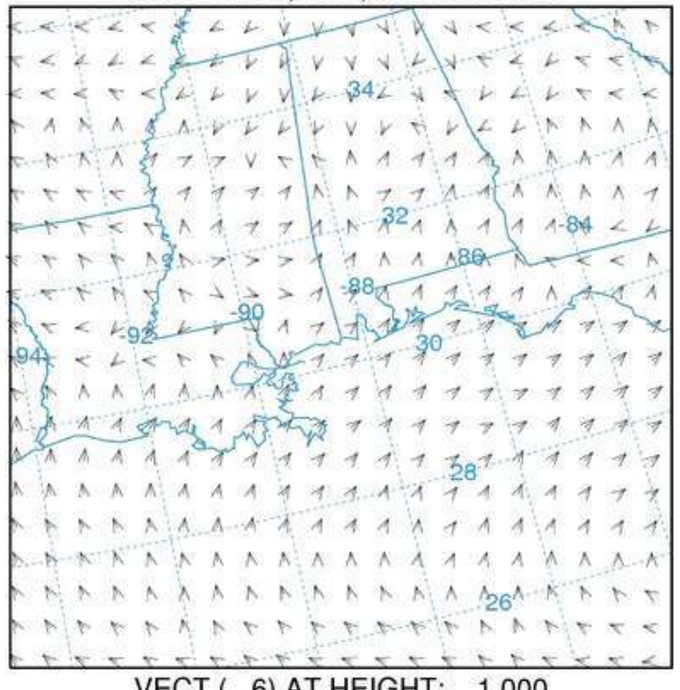
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/00



VECT (7) AT HEIGHT: 0.718

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

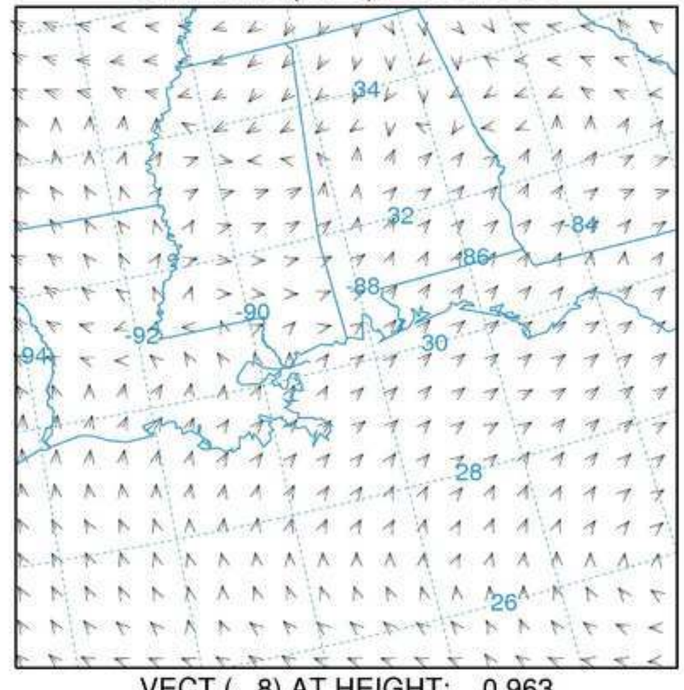
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/01



VECT (6) AT HEIGHT: 1.000

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

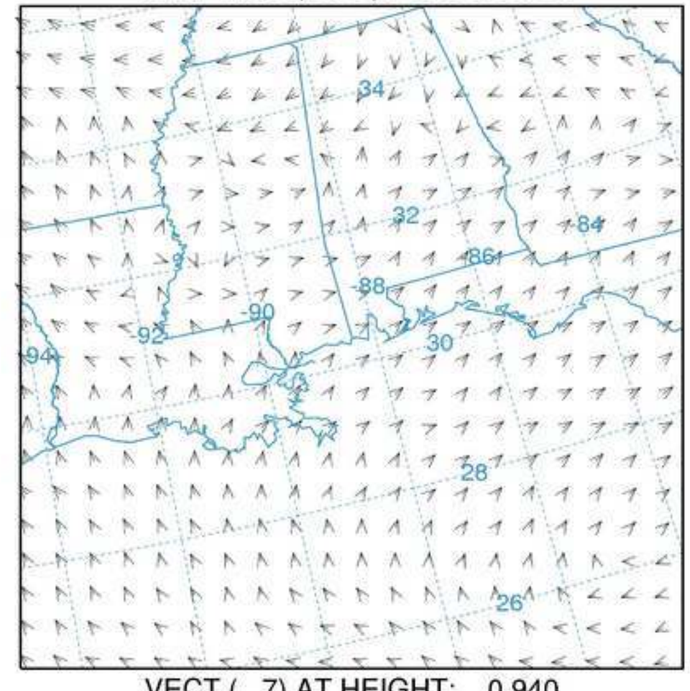
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/01



VECT (8) AT HEIGHT: 0.963

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

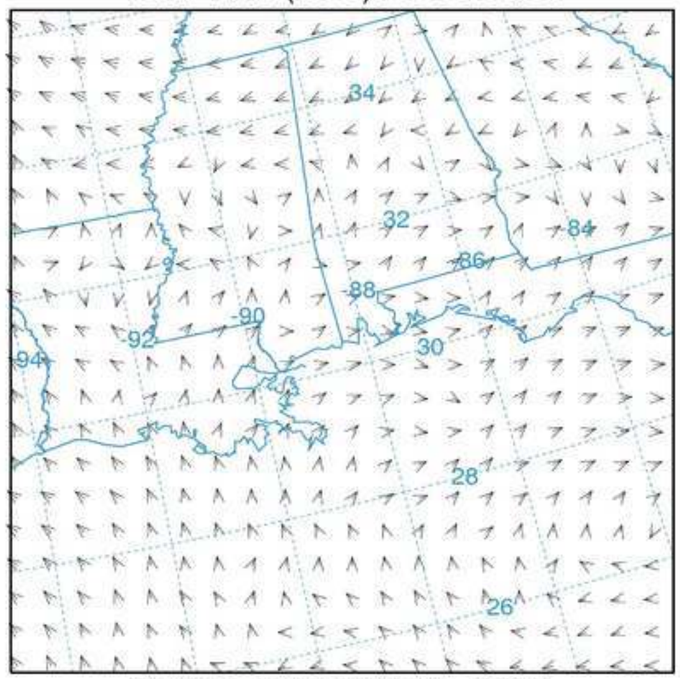
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/01



VECT (7) AT HEIGHT: 0.940

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

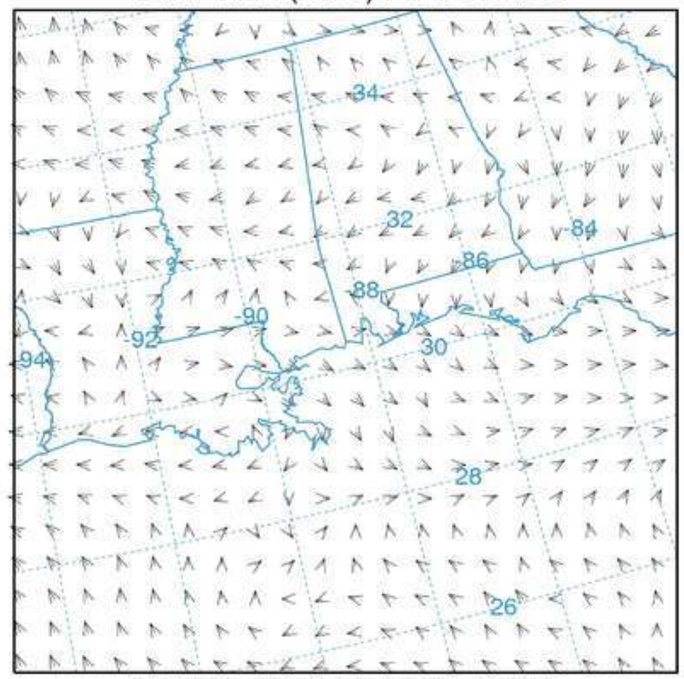
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/01



VECT (6) AT HEIGHT: 0.904

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

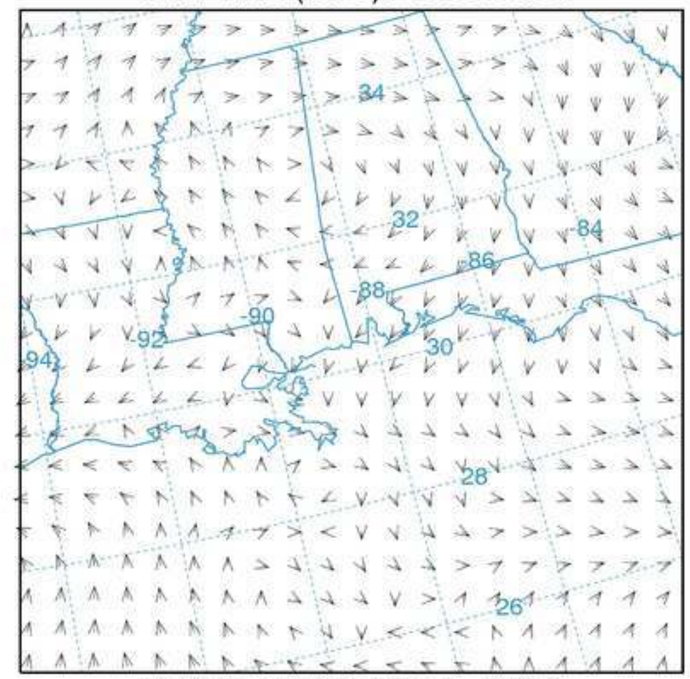
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/01



VECT (7) AT HEIGHT: 0.826

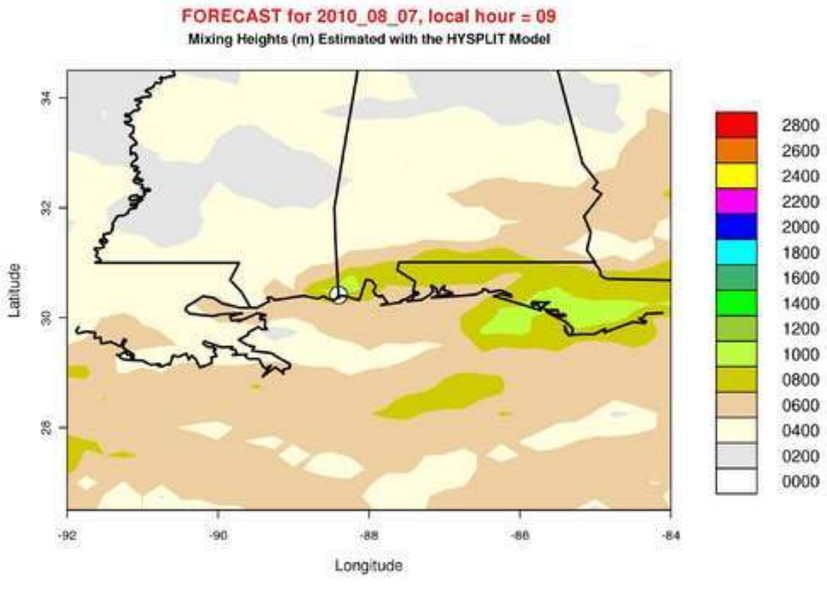
Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

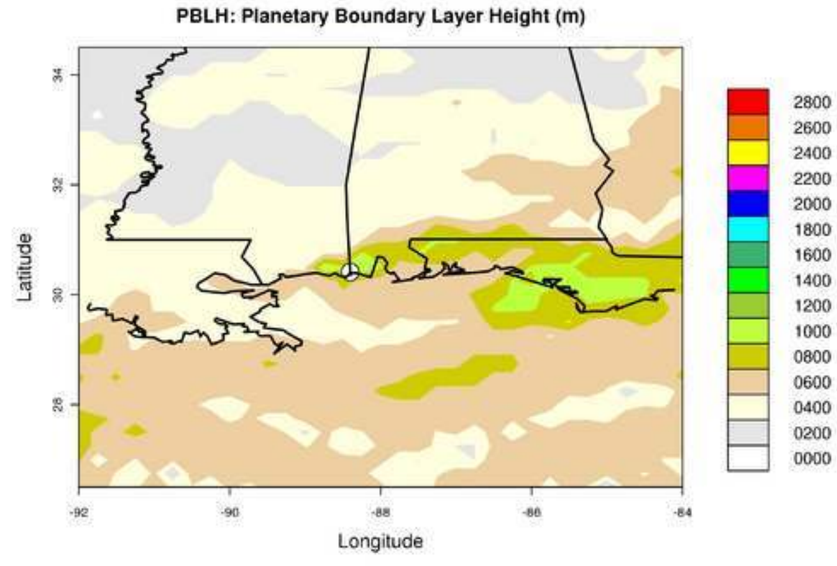
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/08/01

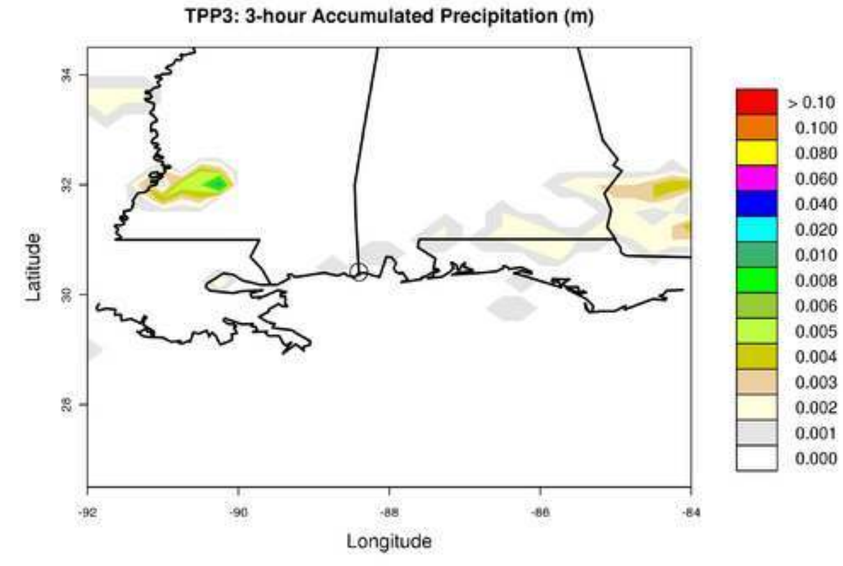


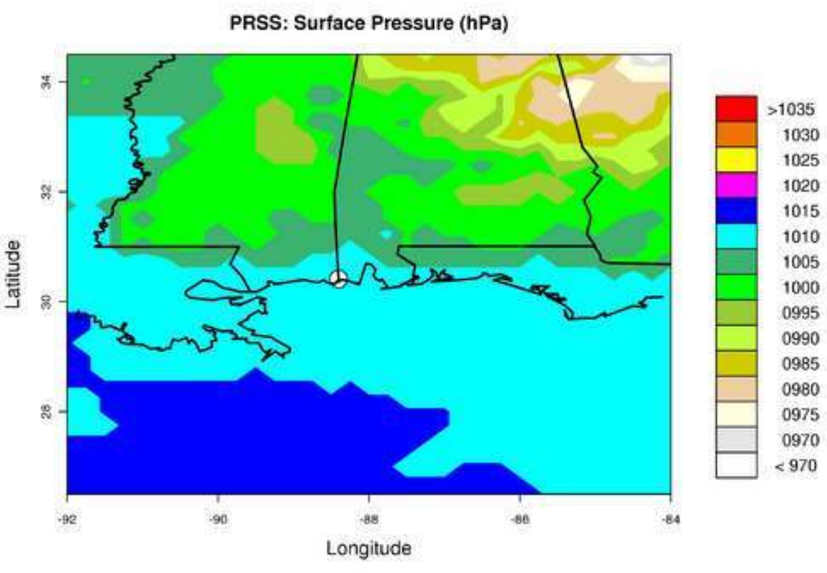
VECT (7) AT HEIGHT: 0.718

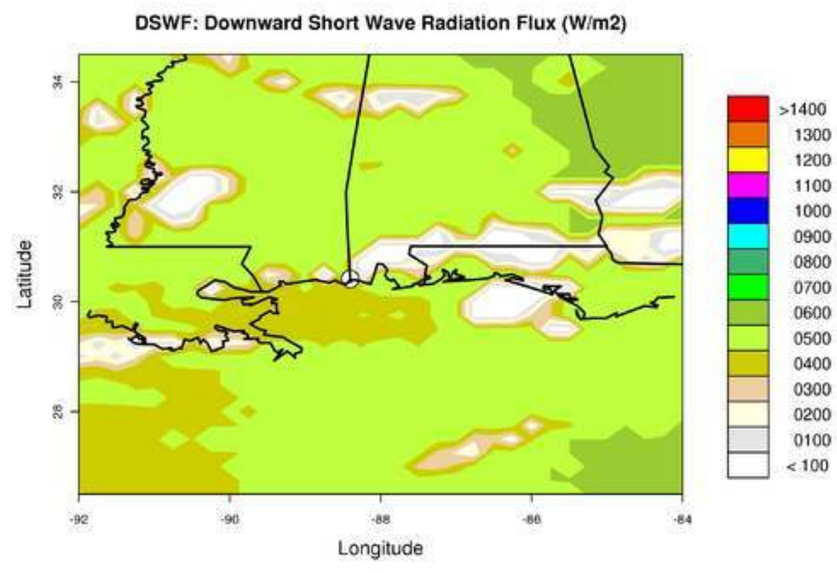
Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

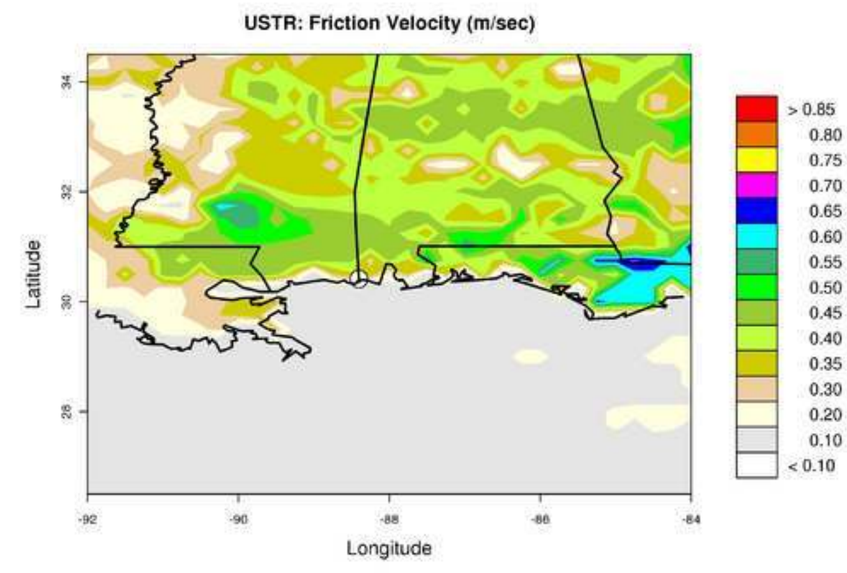

FORECAST for 2010_08_07, local hour = 09
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

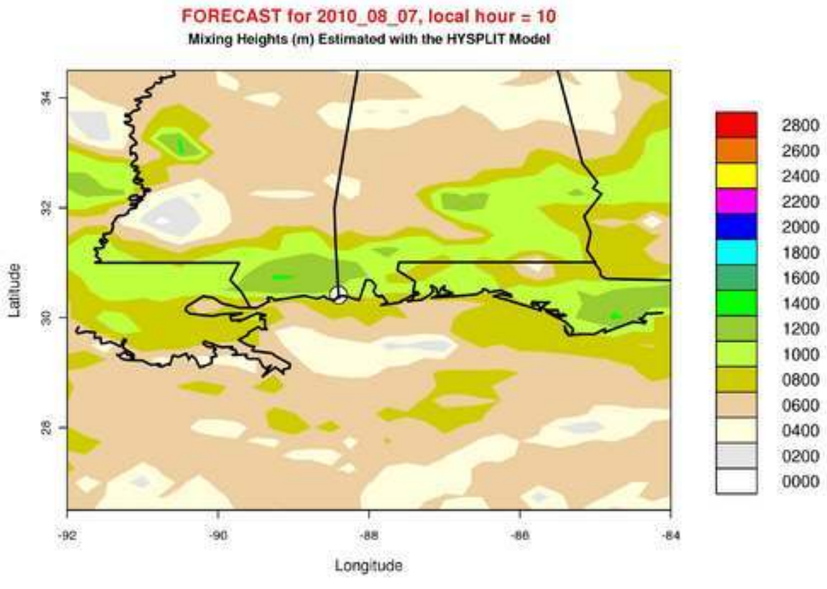

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

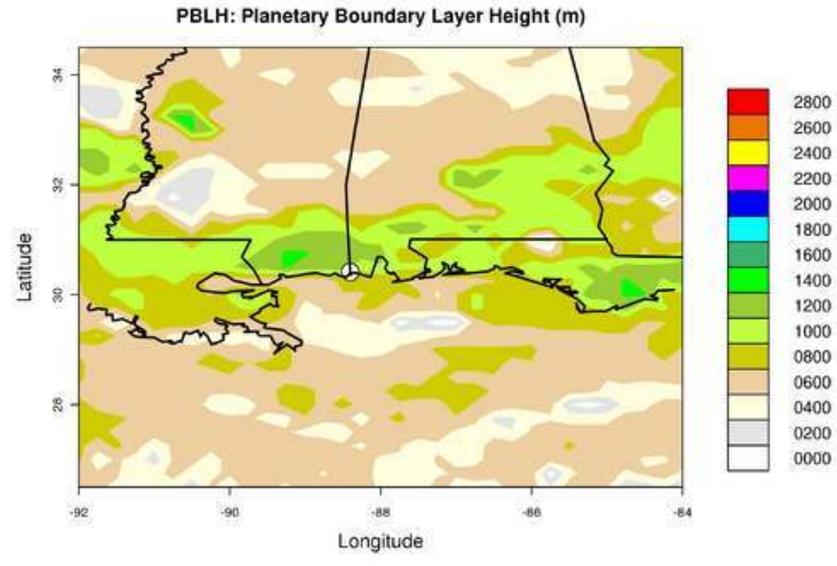

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

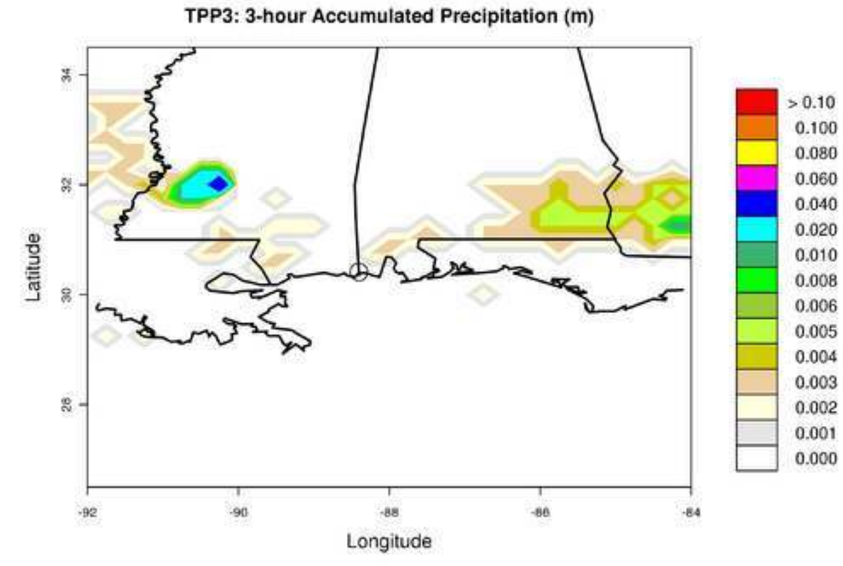

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

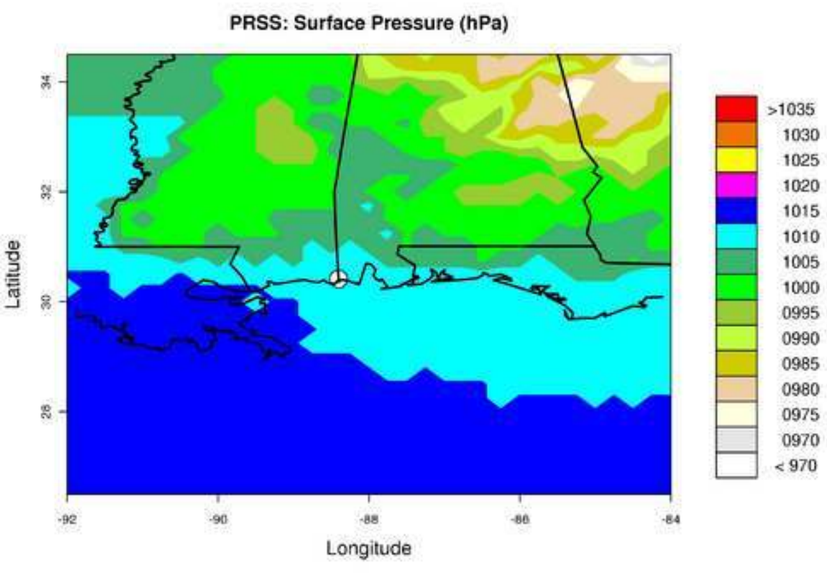

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

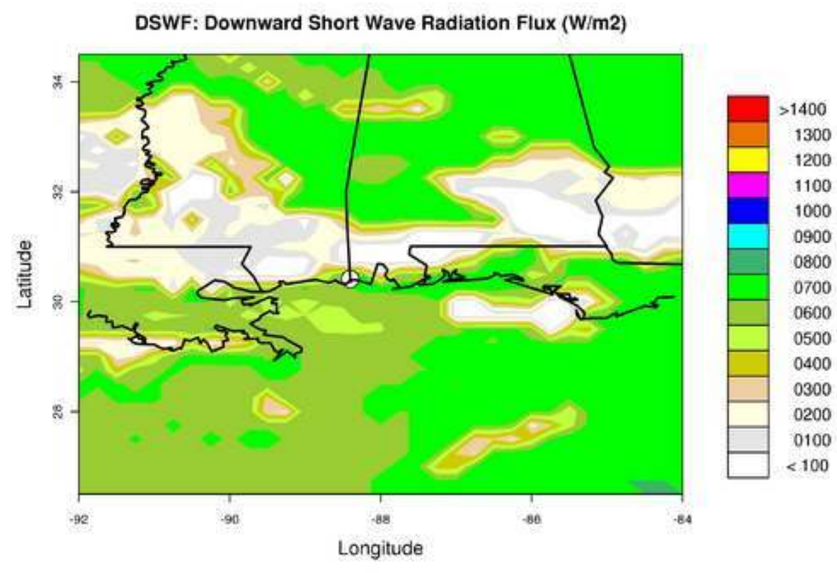

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

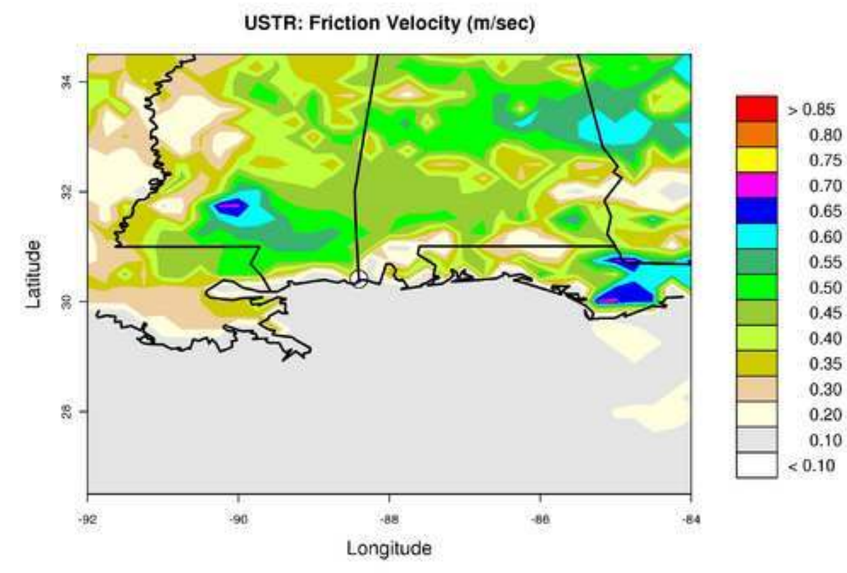

FORECAST for 2010_08_07, local hour = 10
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

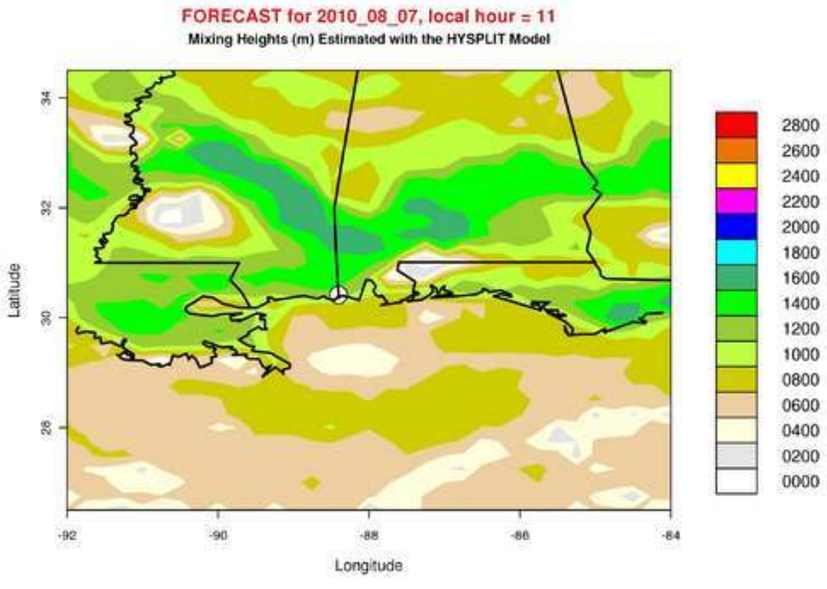

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

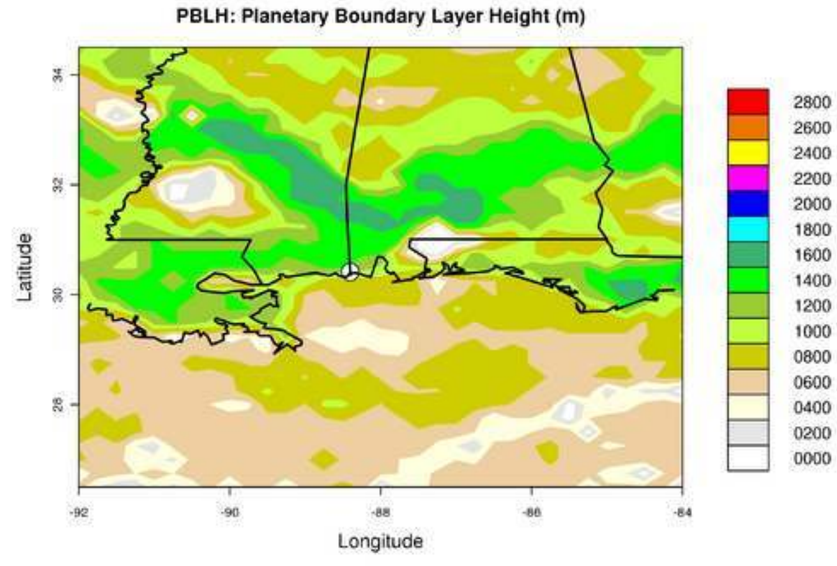

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

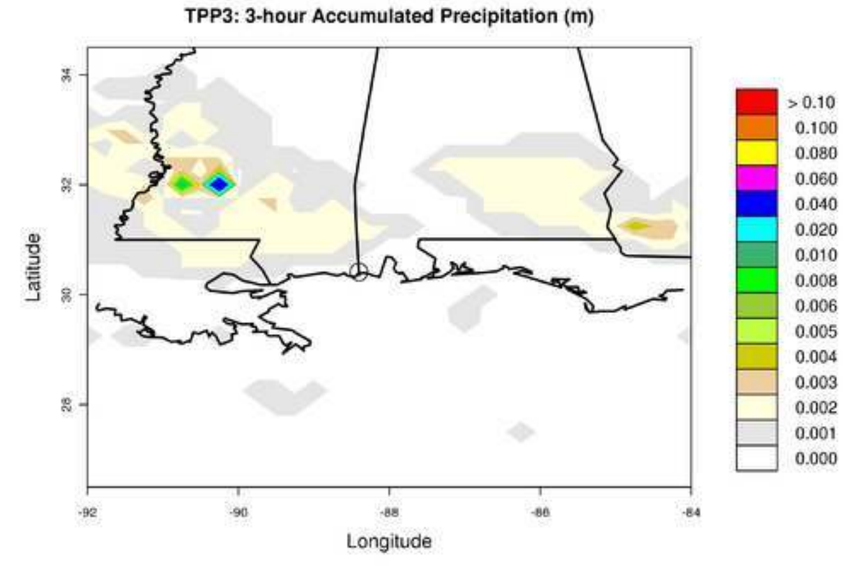

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

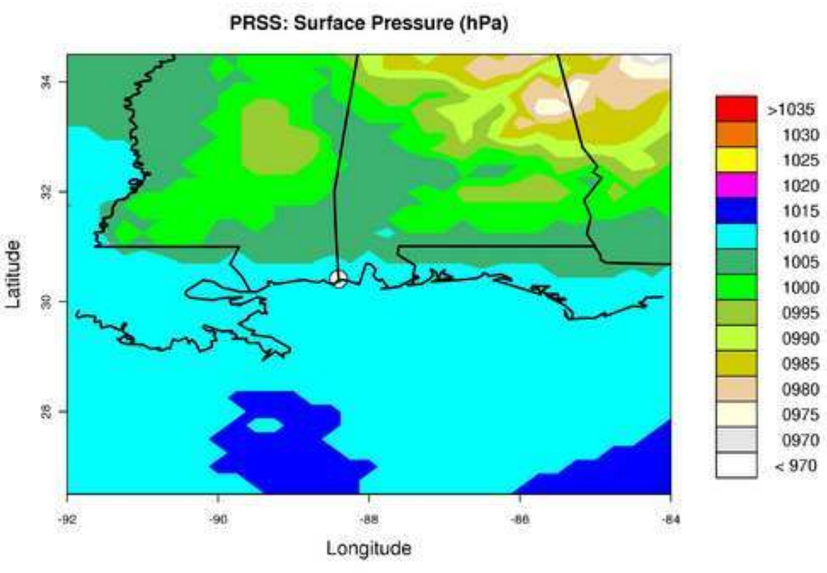

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

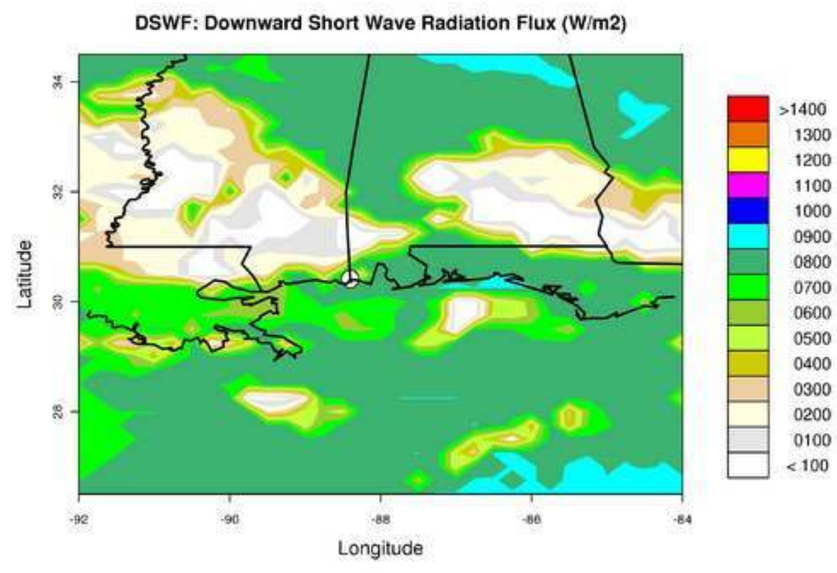

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

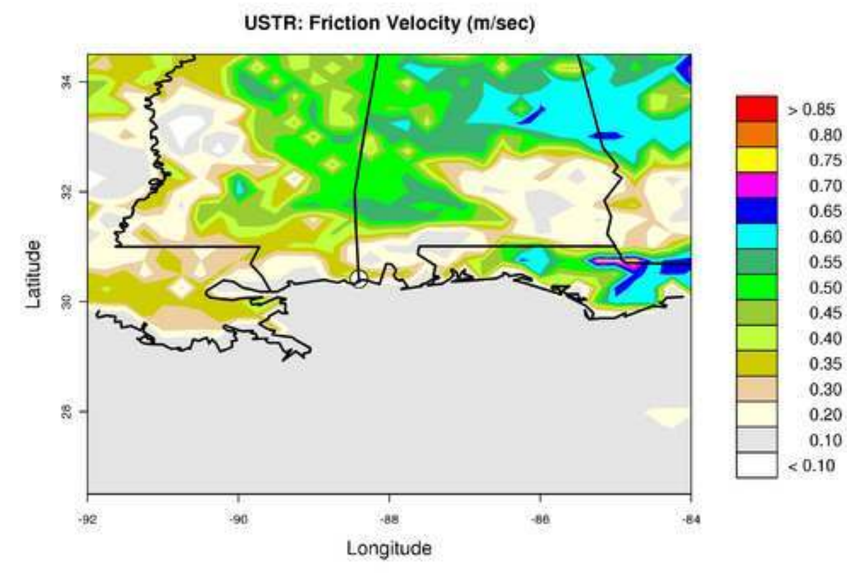

FORECAST for 2010_08_07, local hour = 11
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

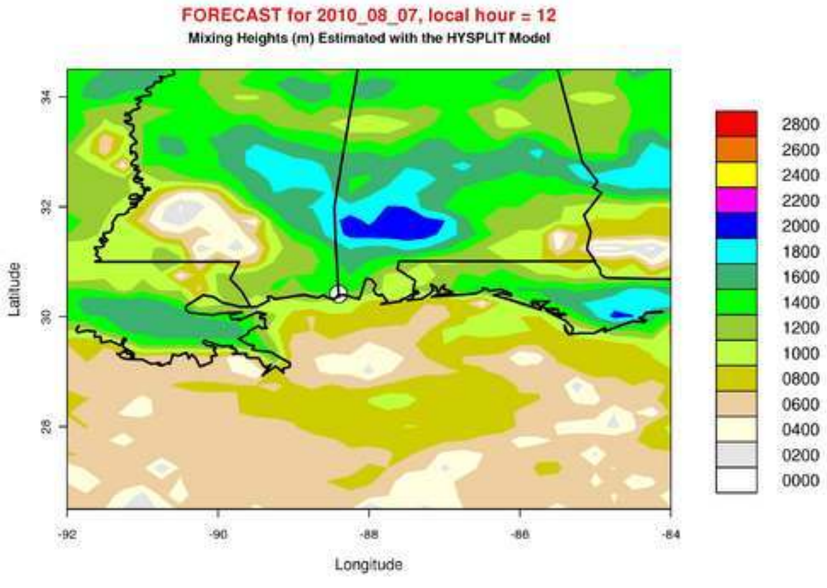

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

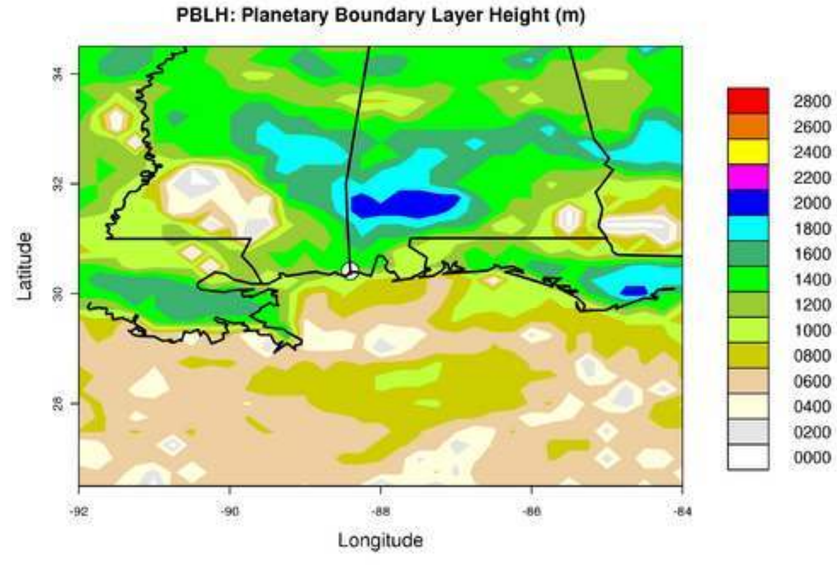

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

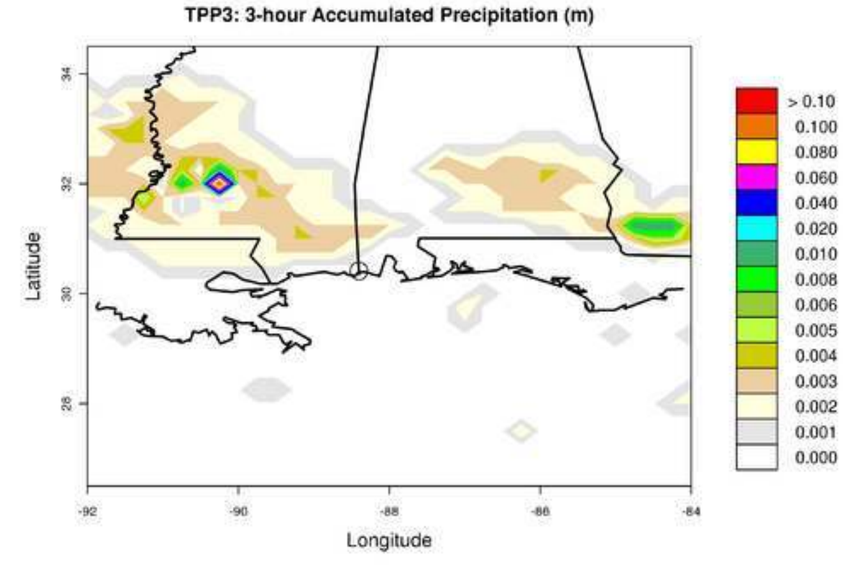

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

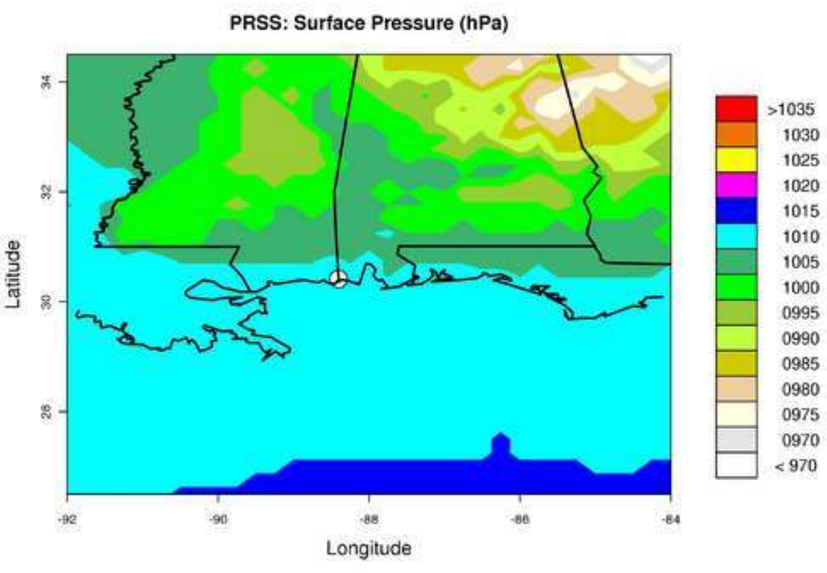

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

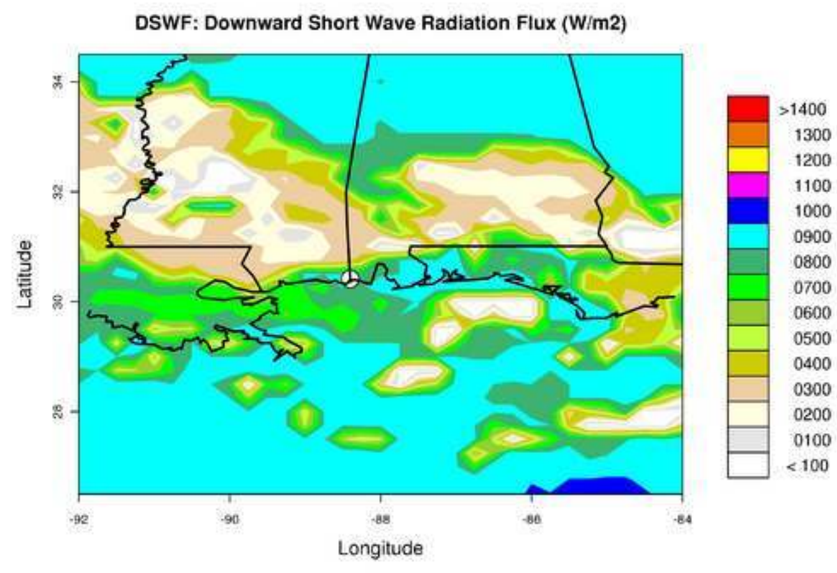

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

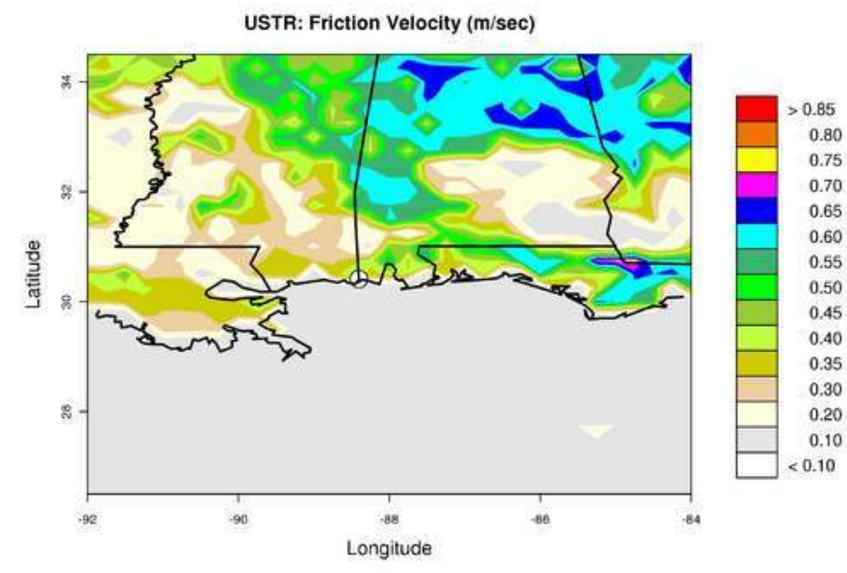

FORECAST for 2010_08_07, local hour = 12
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

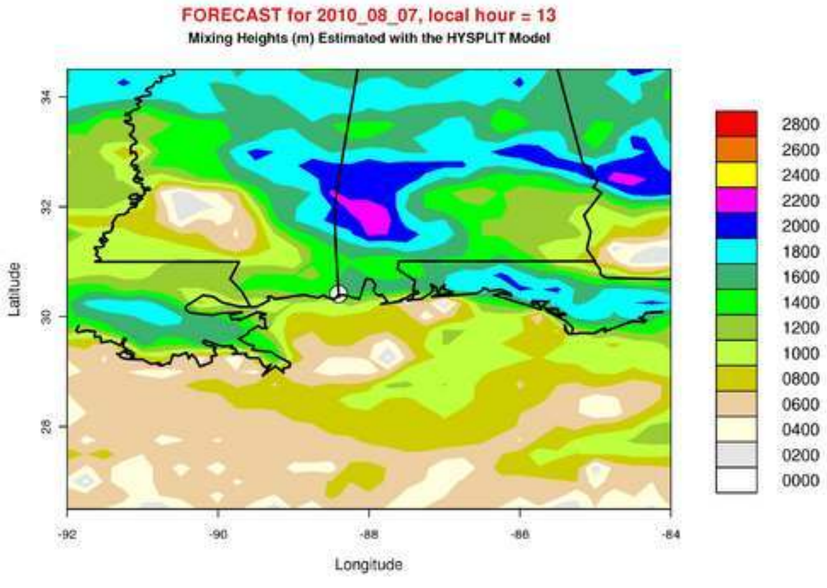

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

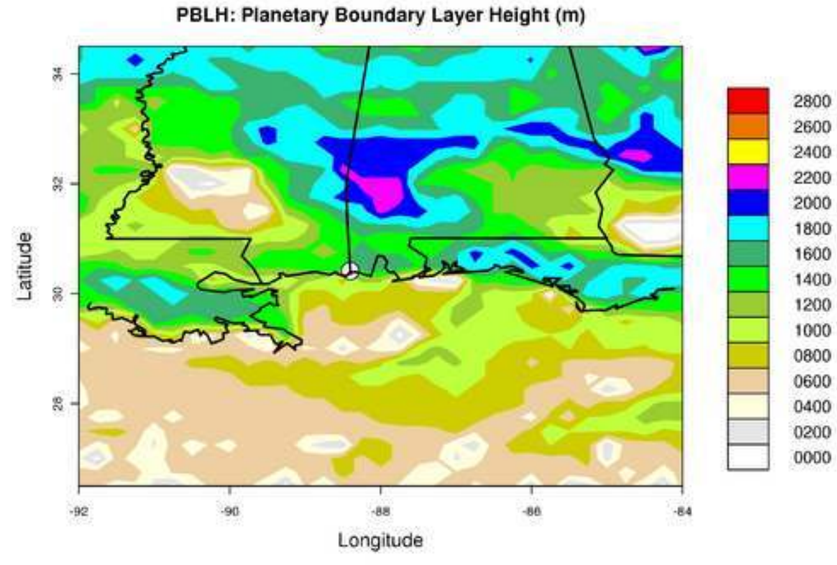

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

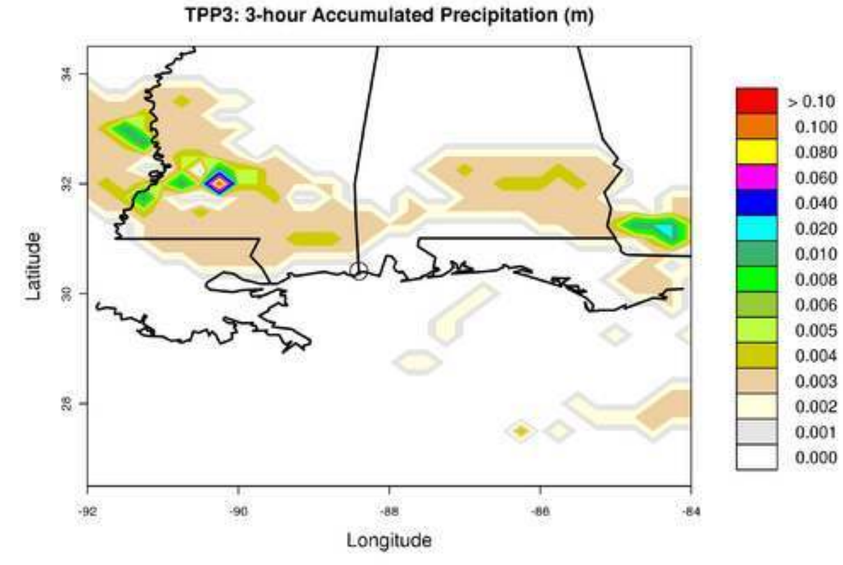

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

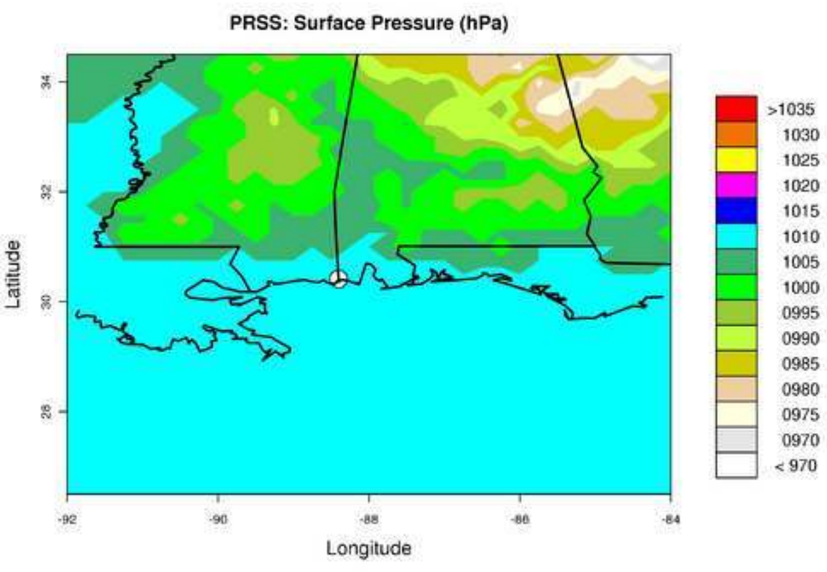

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

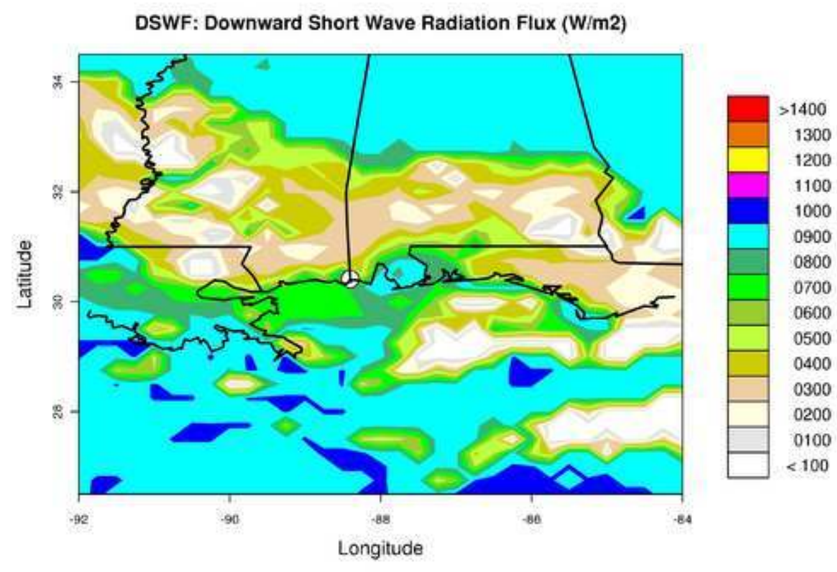

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

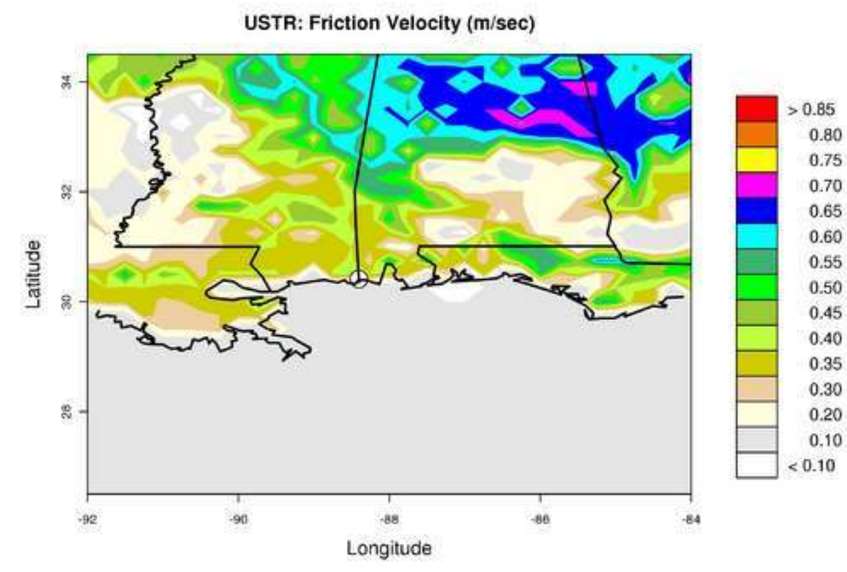

FORECAST for 2010_08_07, local hour = 13
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

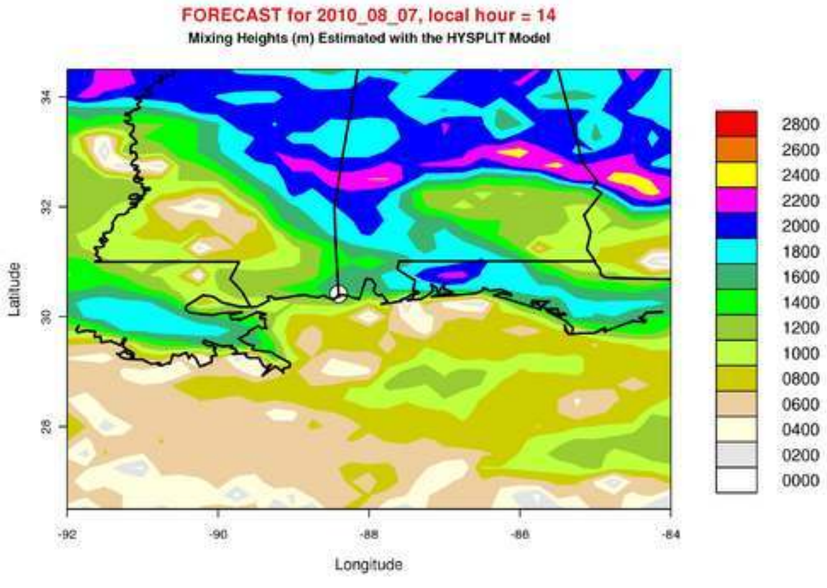

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

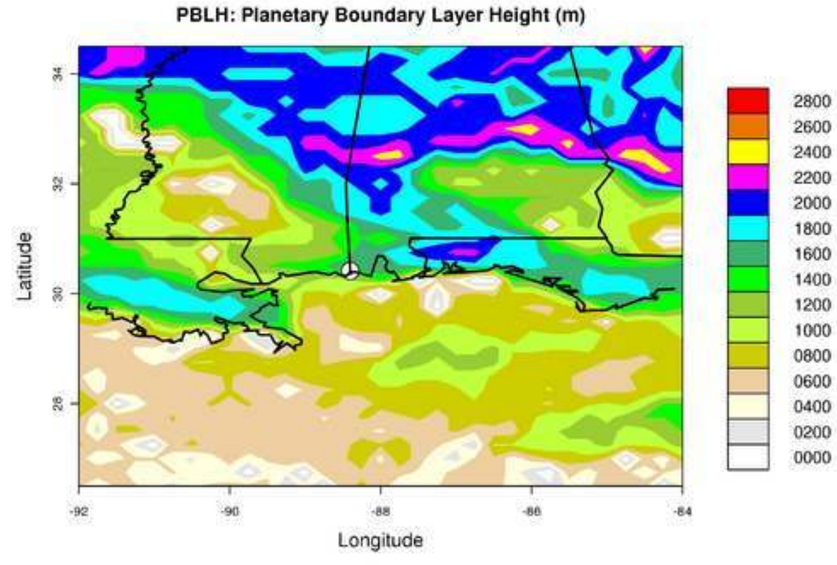

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

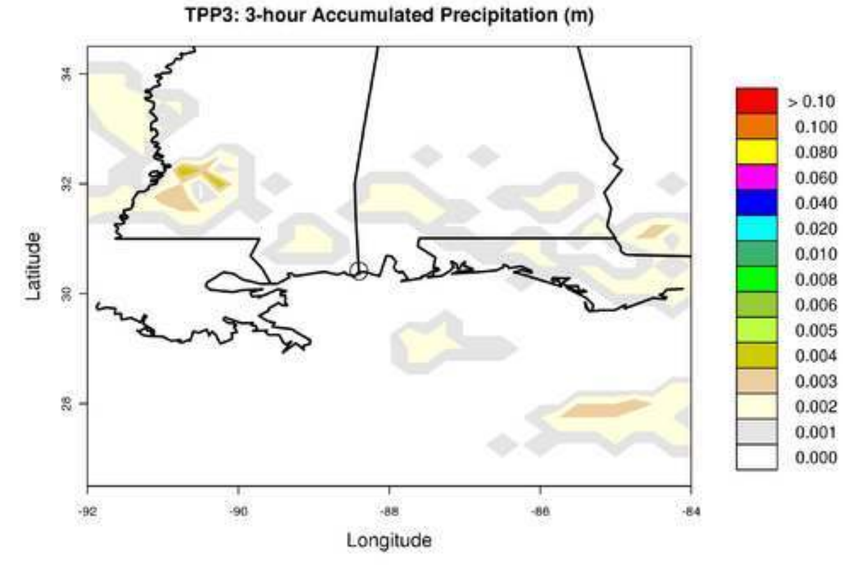

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

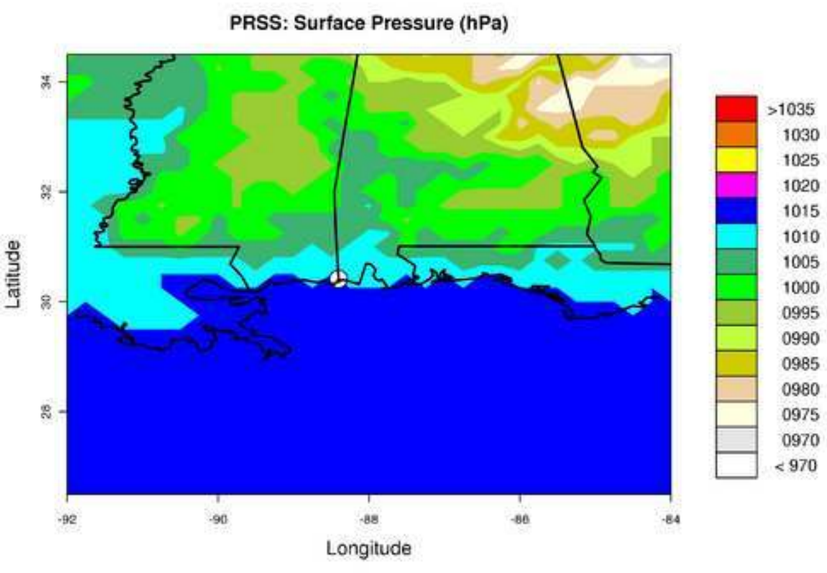

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

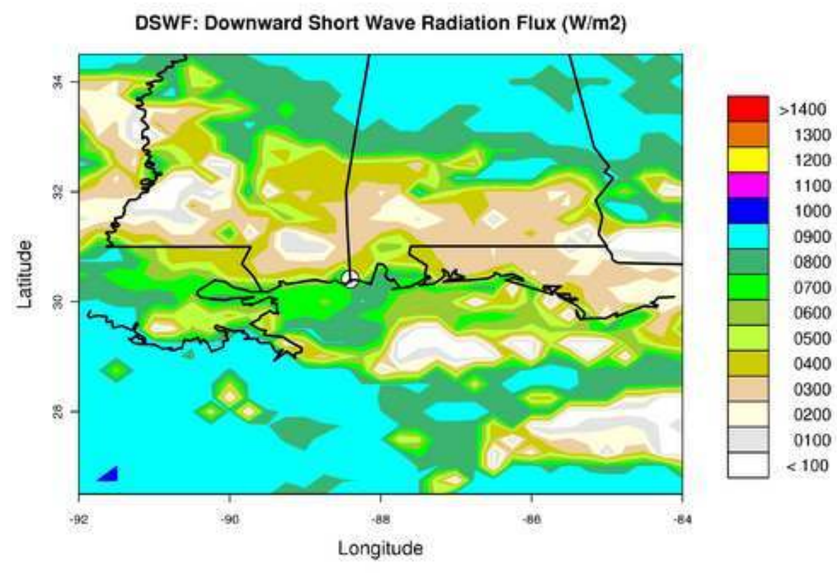

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

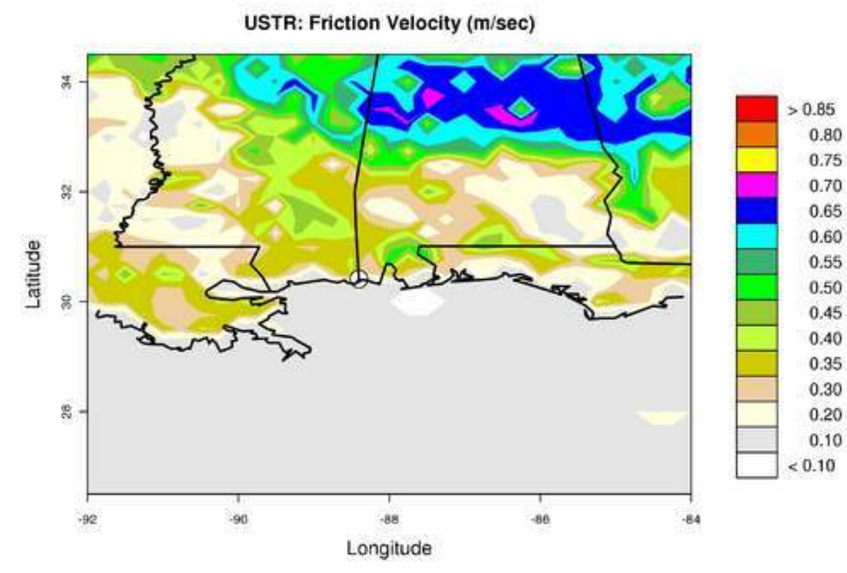

FORECAST for 2010_08_07, local hour = 14
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

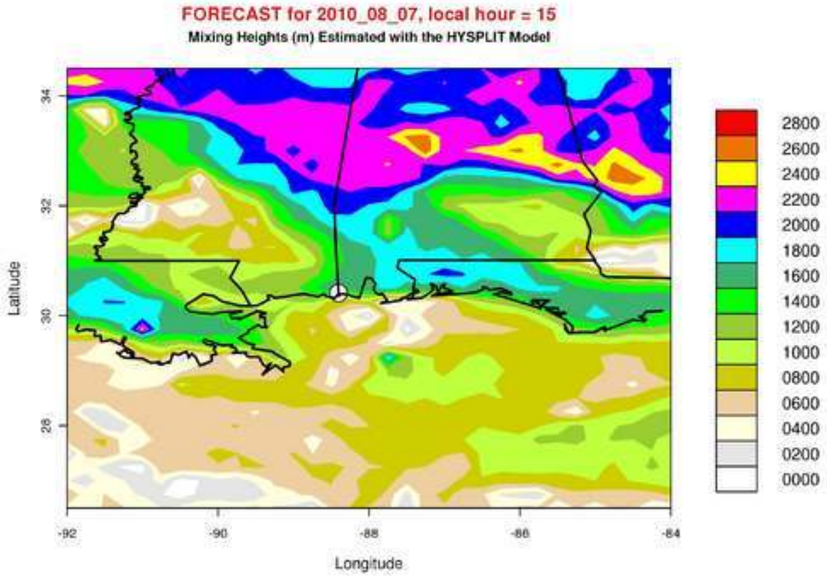

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

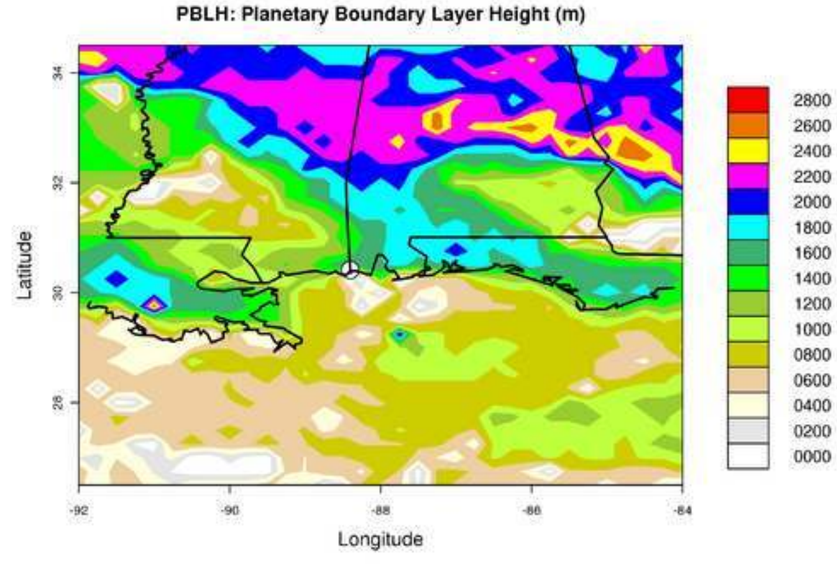

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

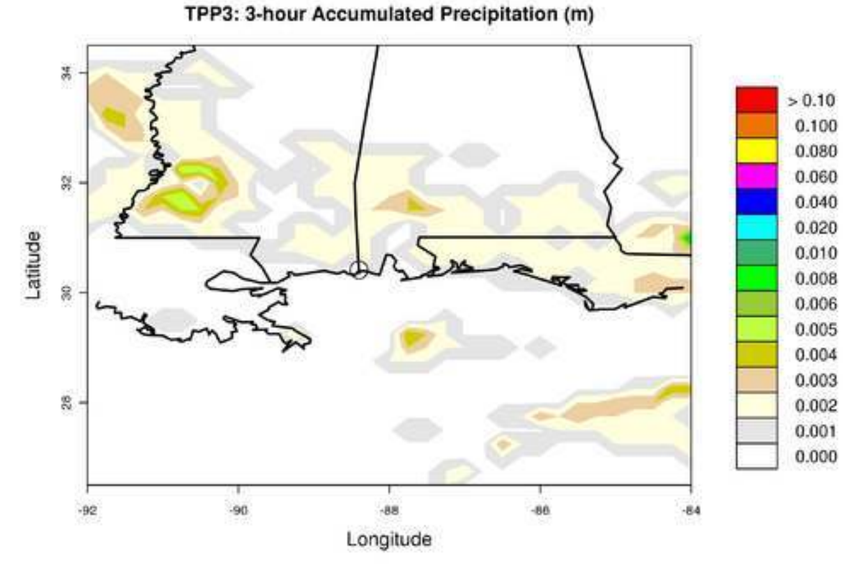

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

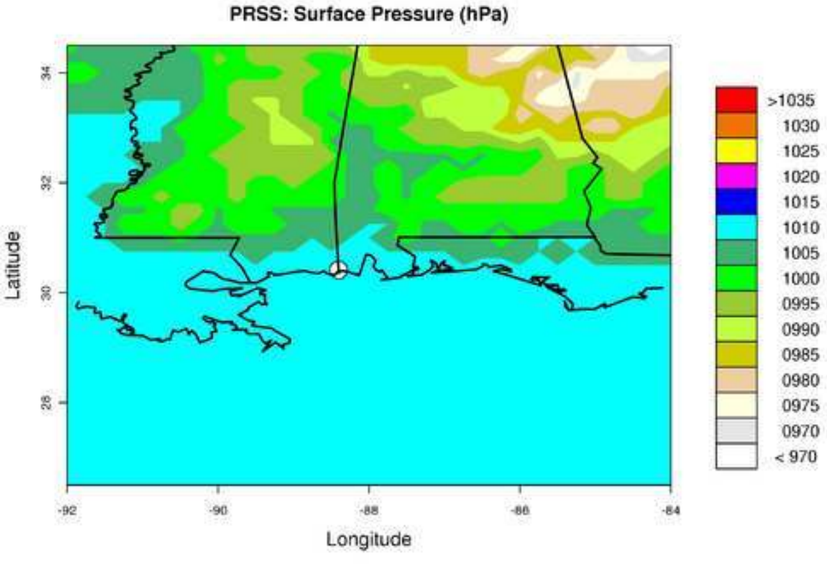

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

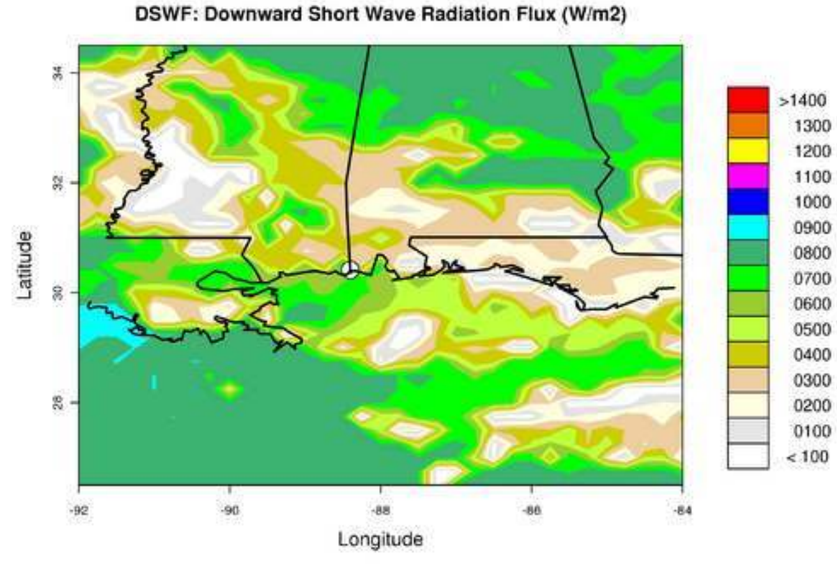

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

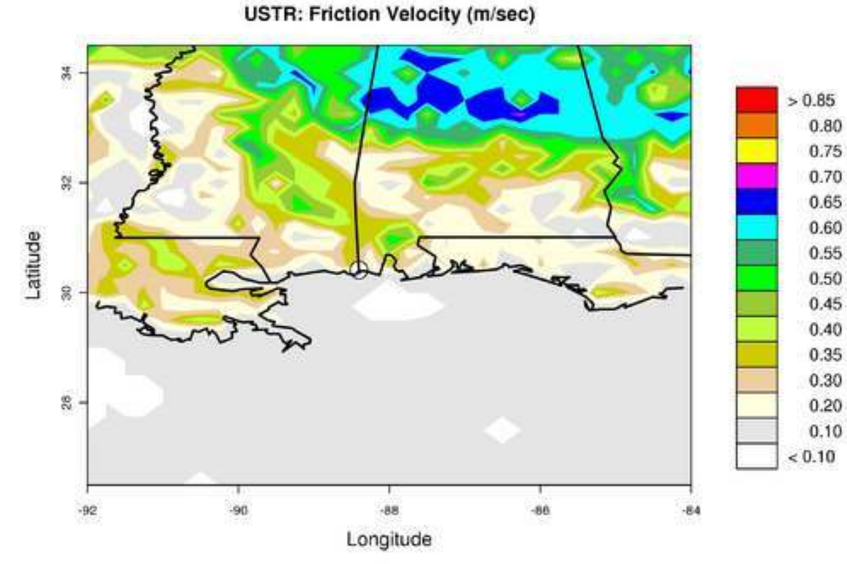

FORECAST for 2010_08_07, local hour = 15
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

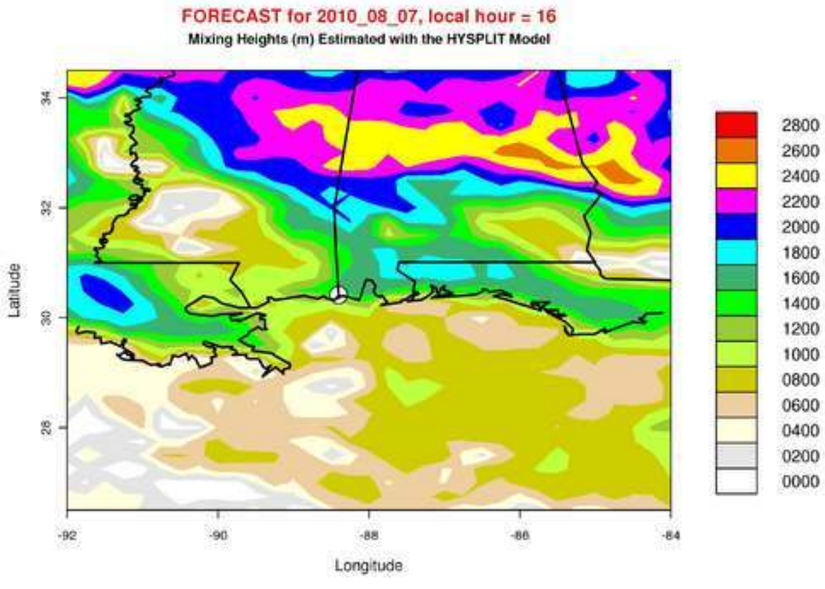

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

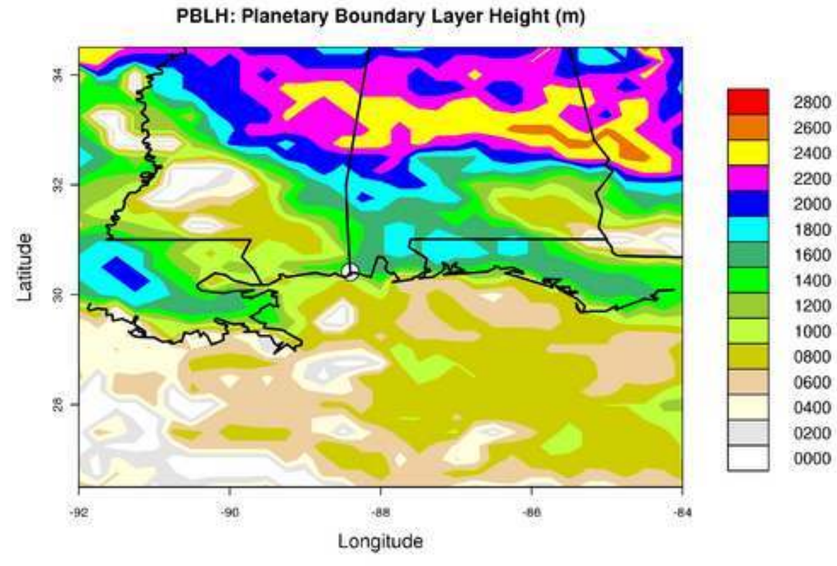

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

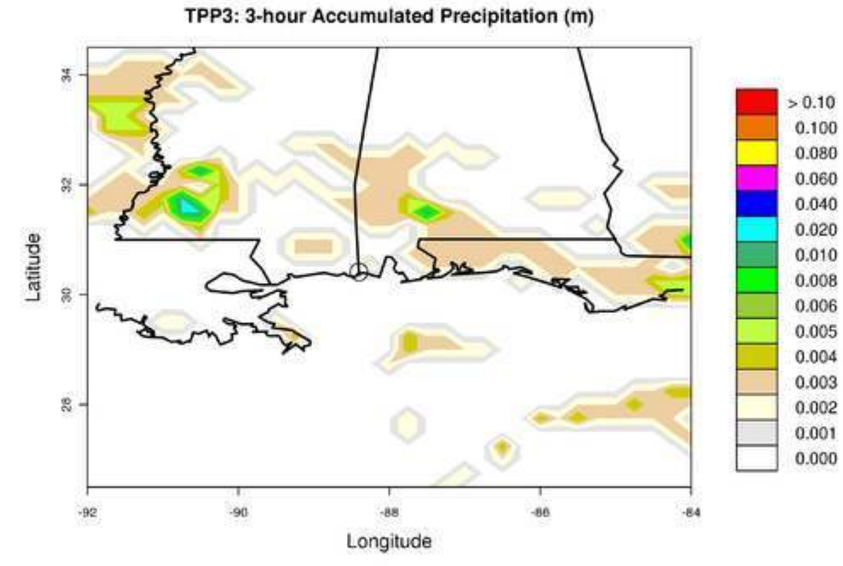

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

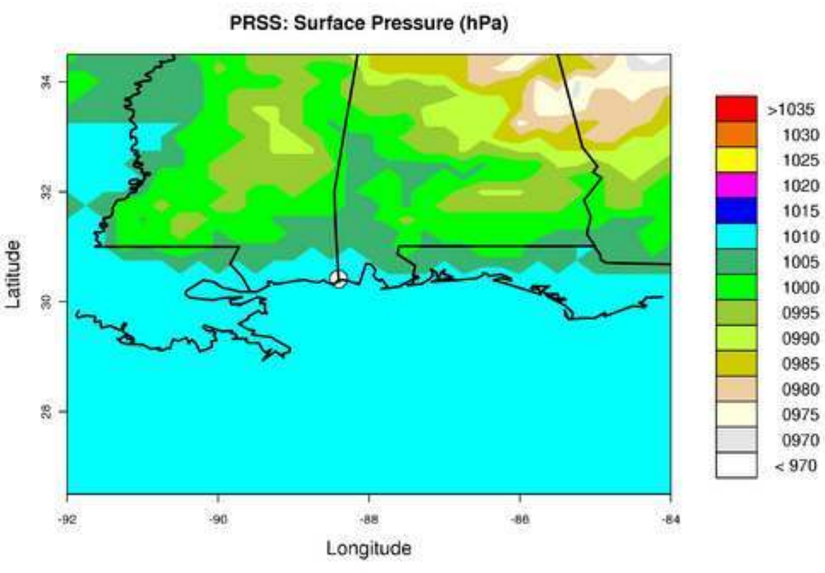

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

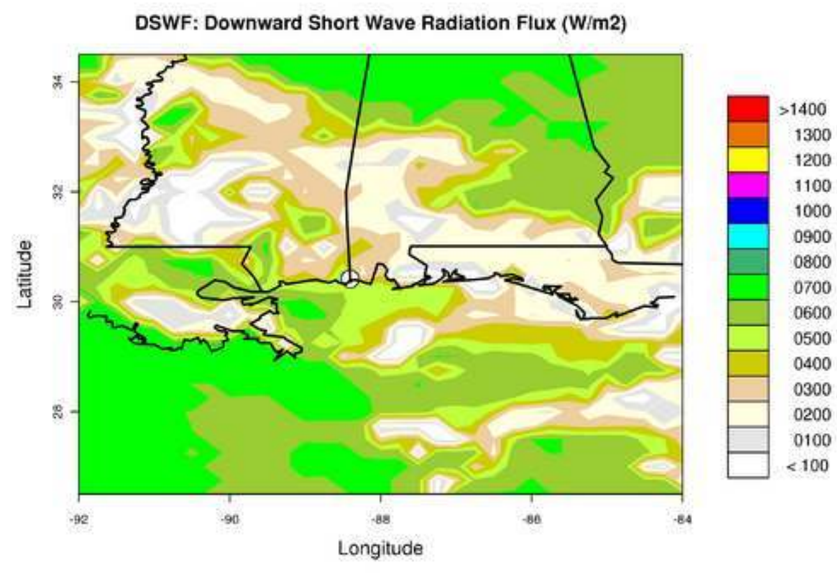

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

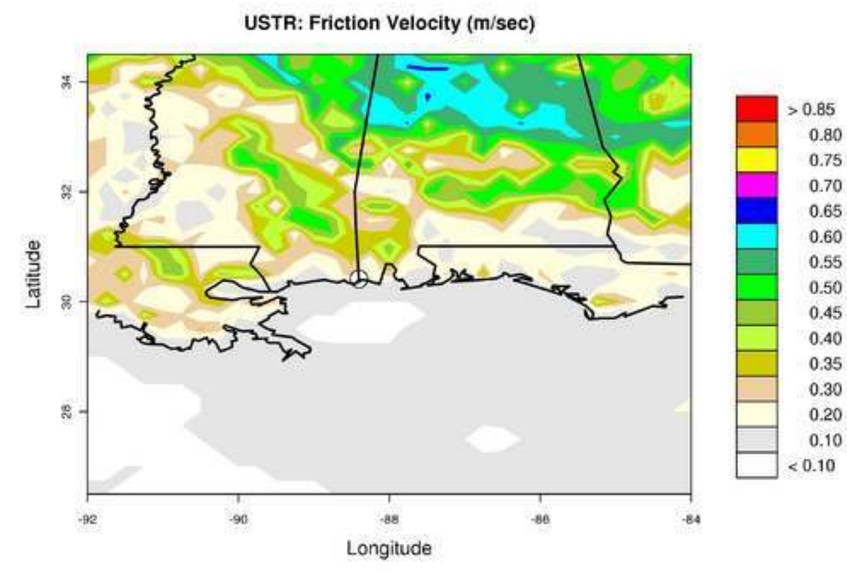

FORECAST for 2010_08_07, local hour = 16
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

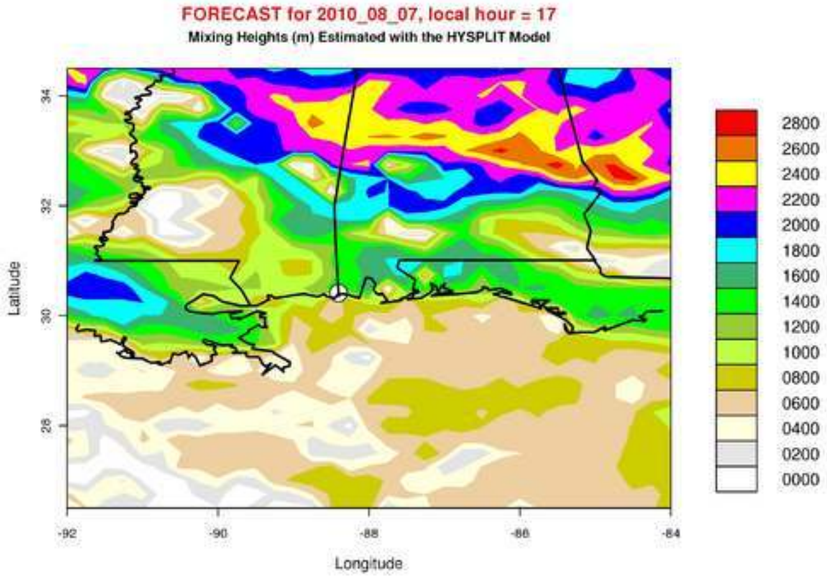

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

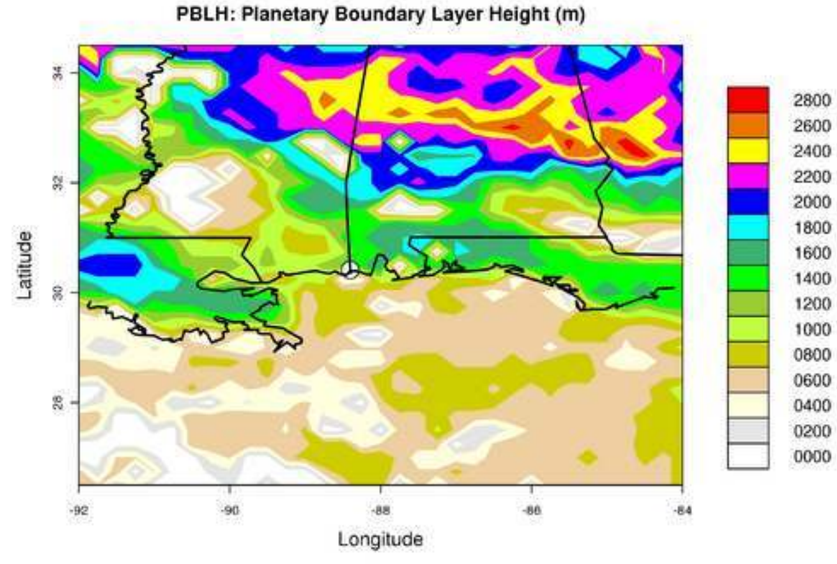

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

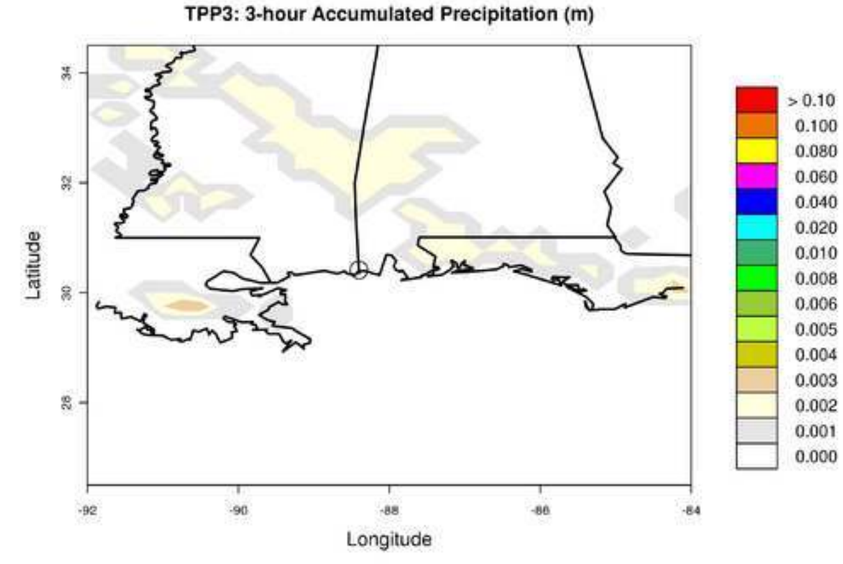

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

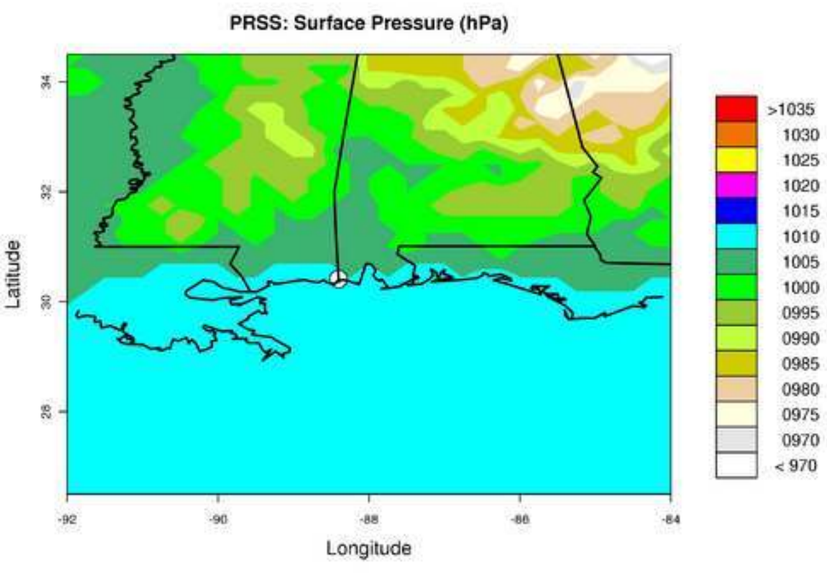

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

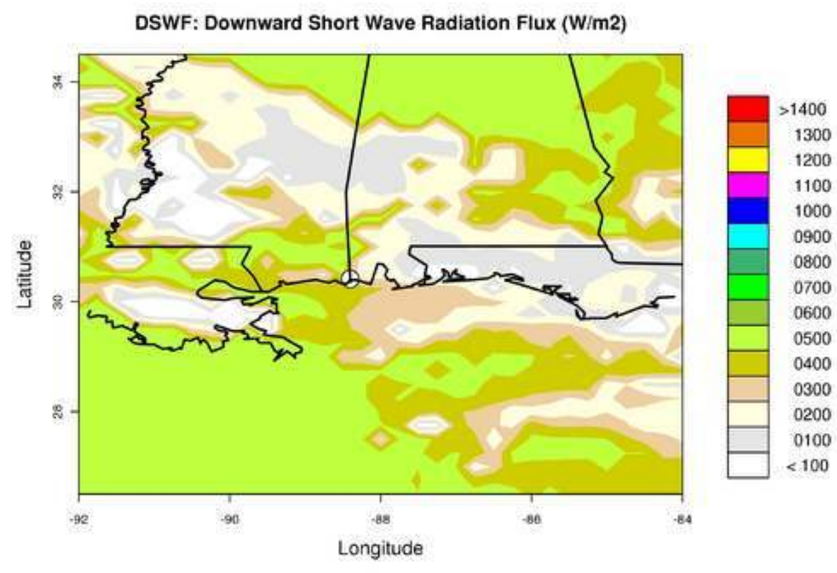

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

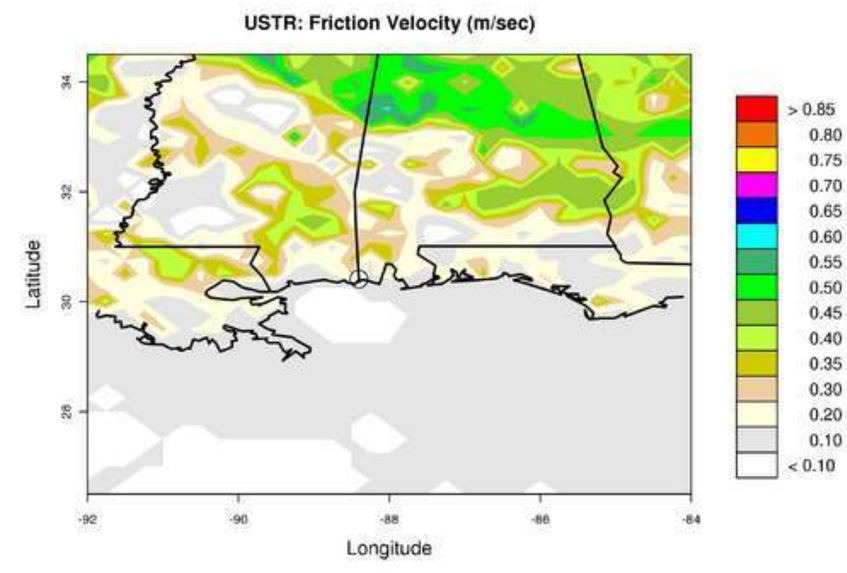

FORECAST for 2010_08_07, local hour = 17
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

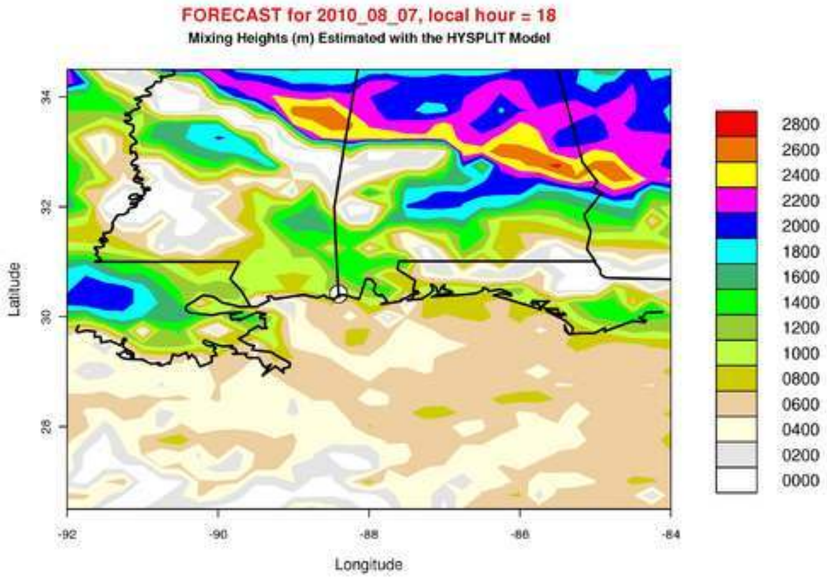

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

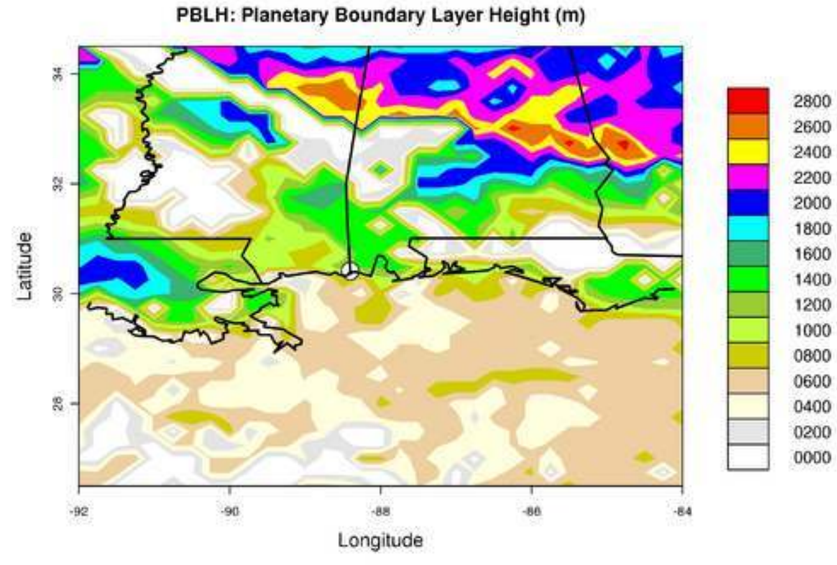

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

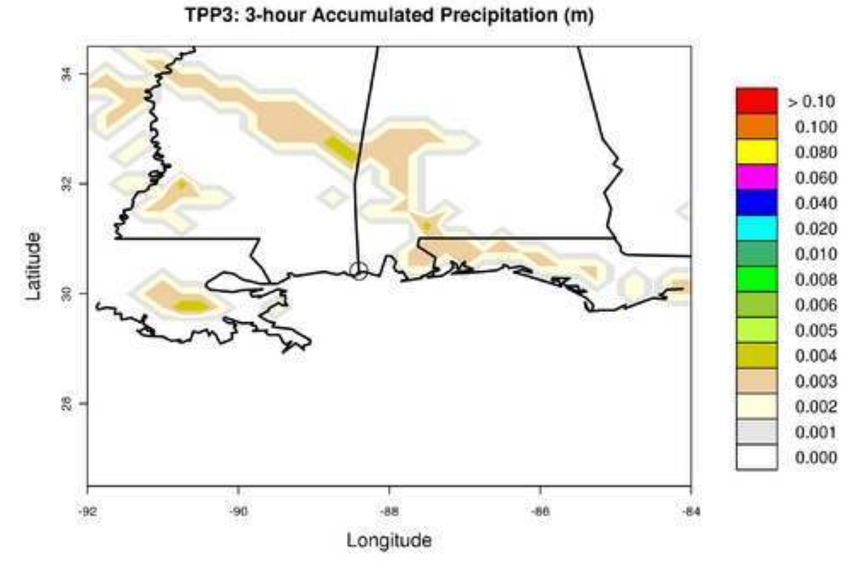

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

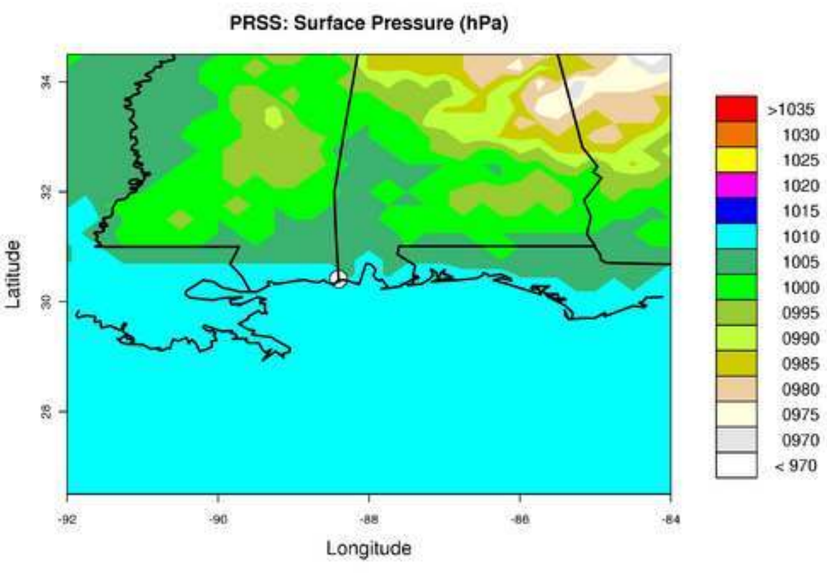

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

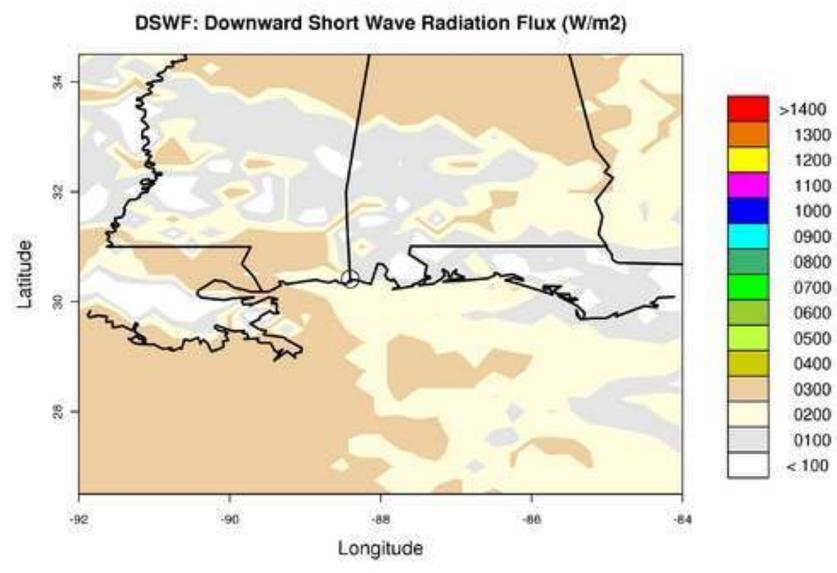

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

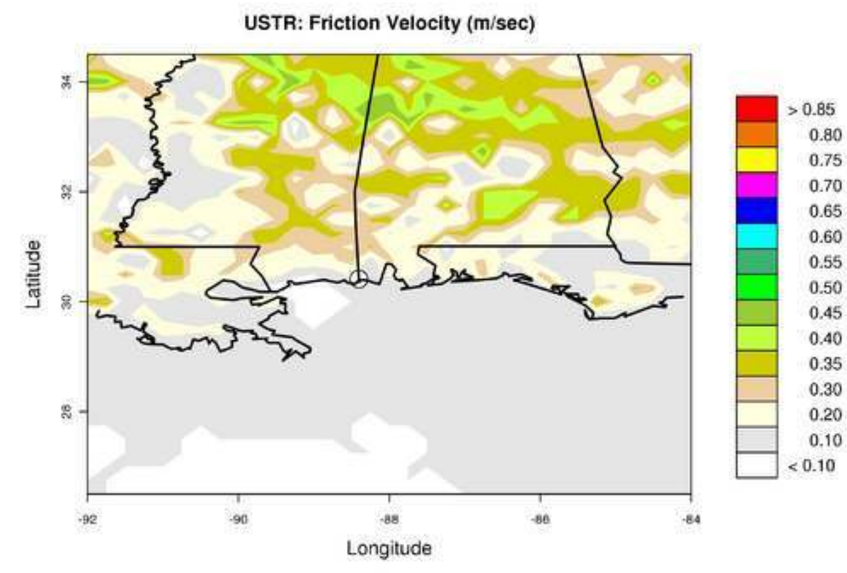

FORECAST for 2010_08_07, local hour = 18
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

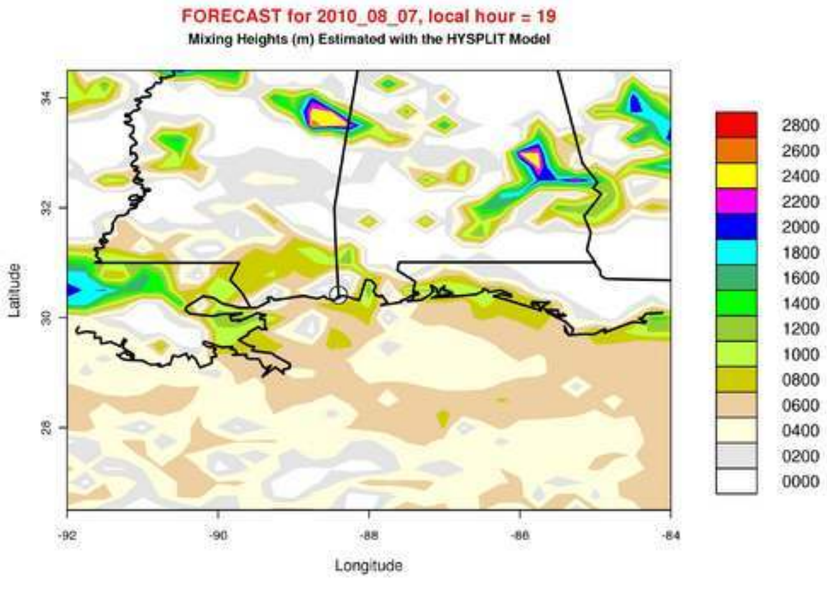

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

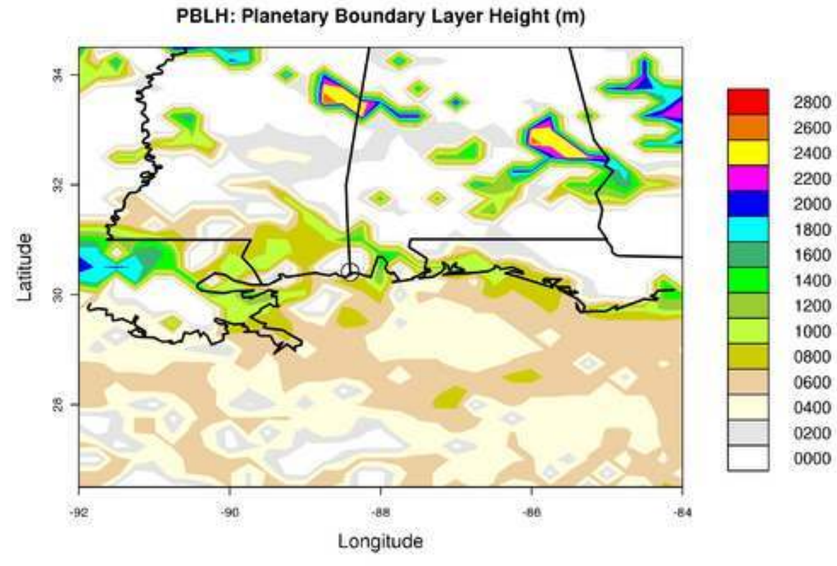

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

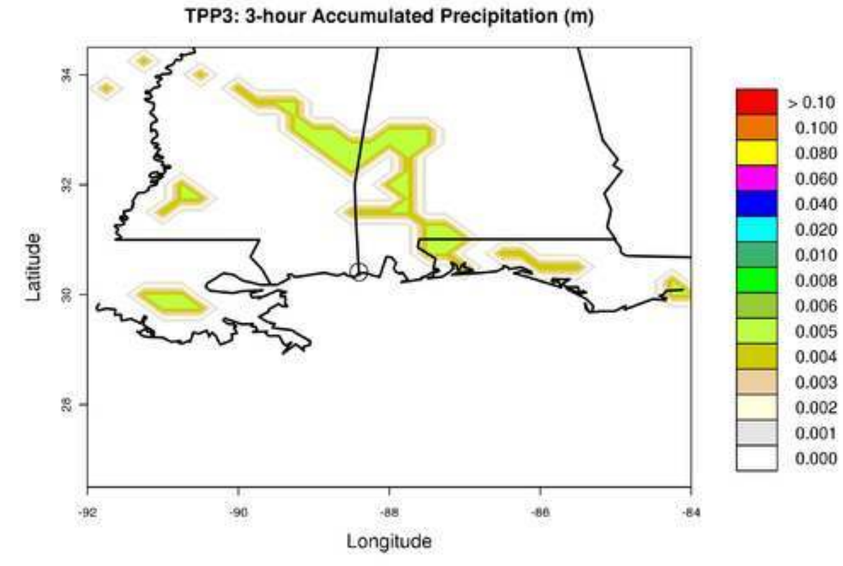

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

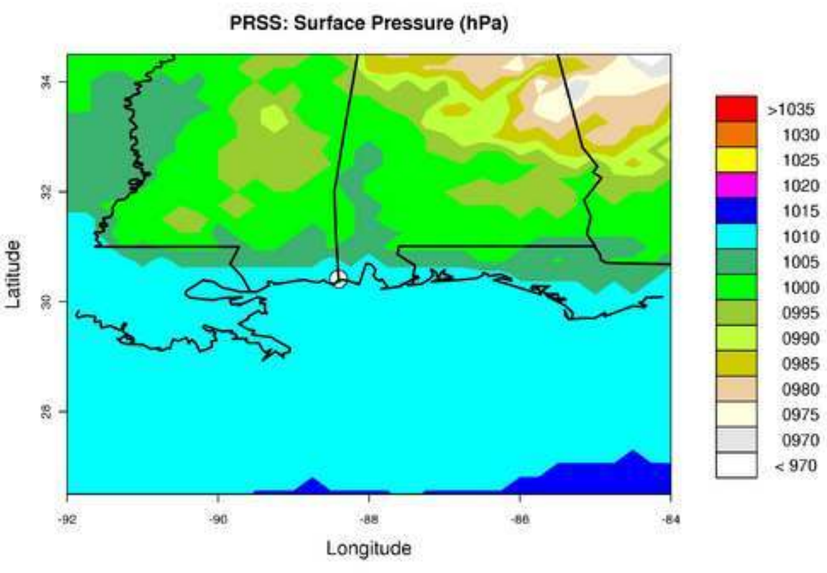

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

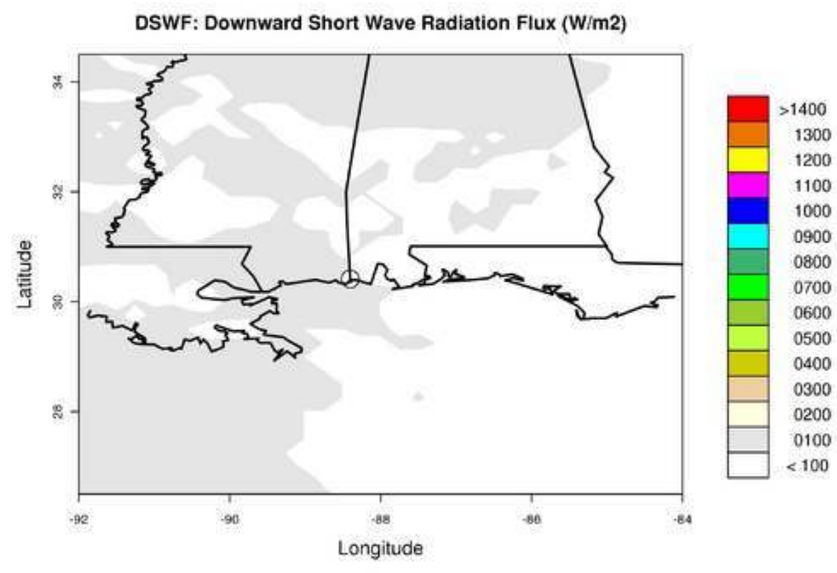

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

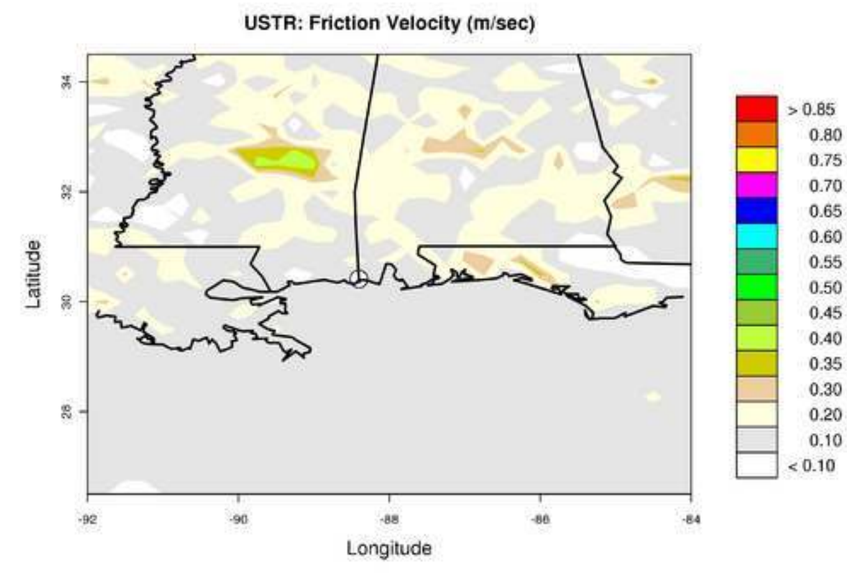

FORECAST for 2010_08_07, local hour = 19
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

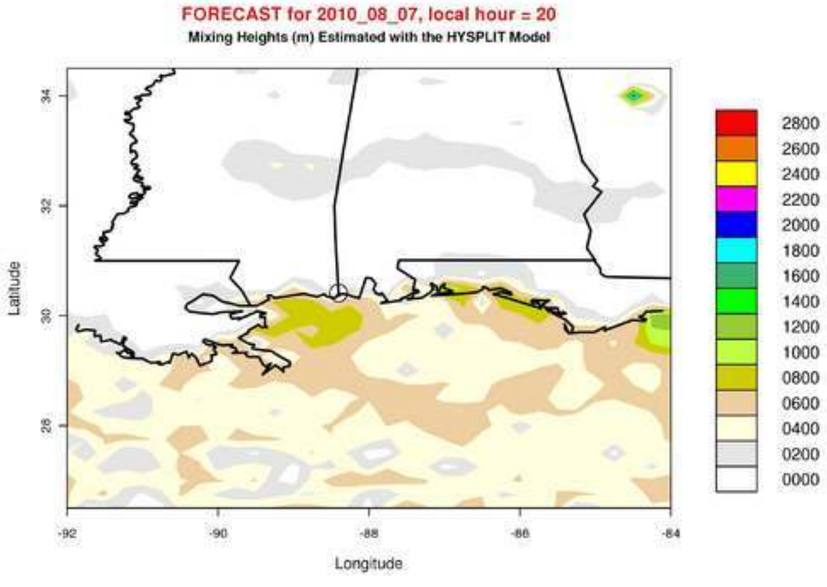

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

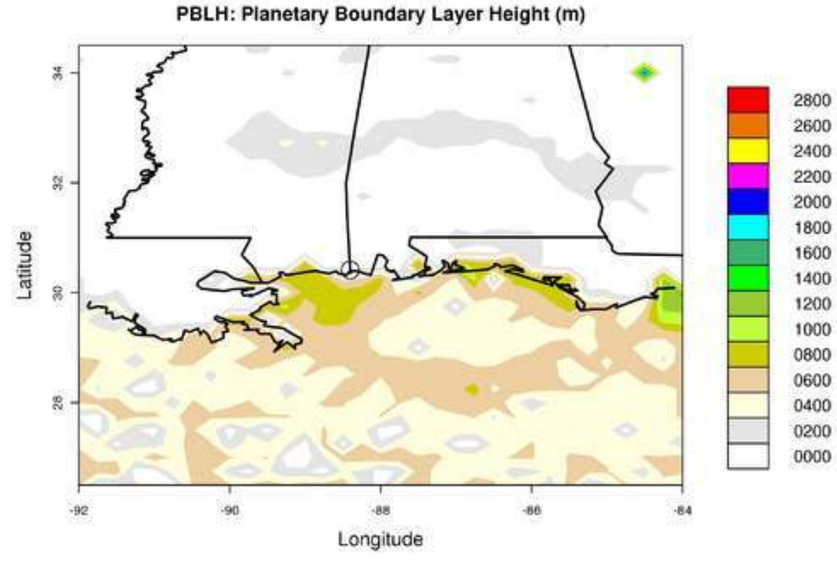

TPP3: 3-hour Accumulated Precipitation (m)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

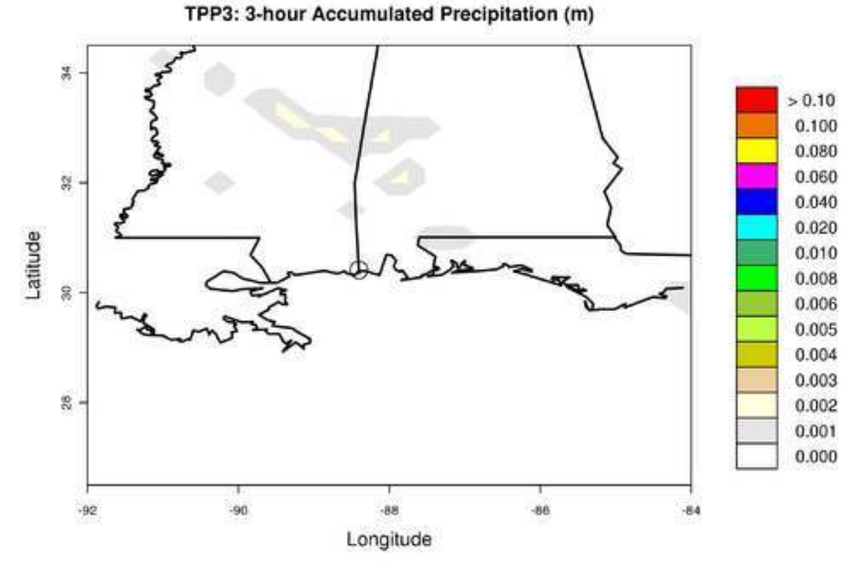

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

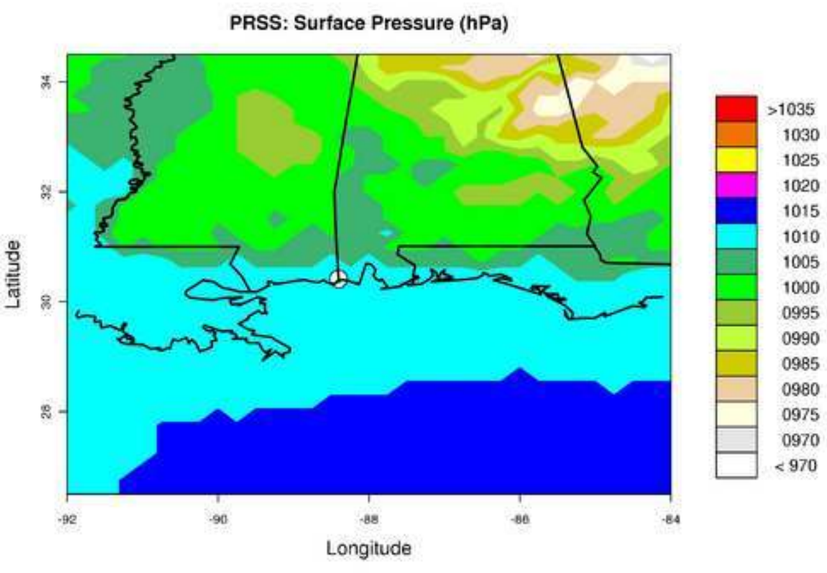

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

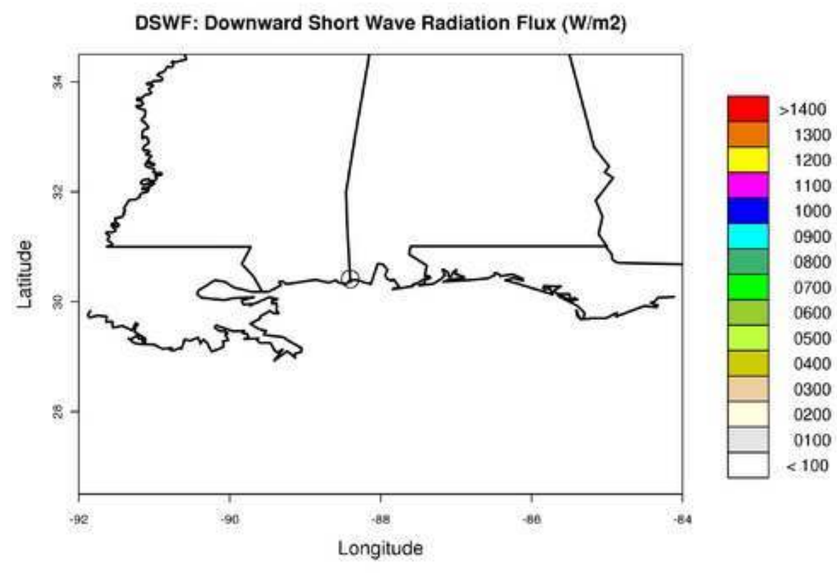

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

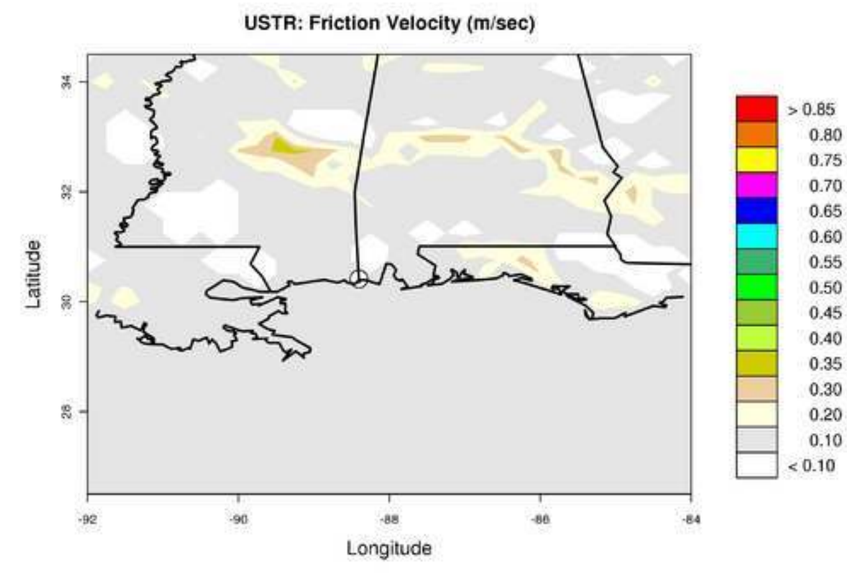

FORECAST for 2010_08_07, local hour = 20
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000


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

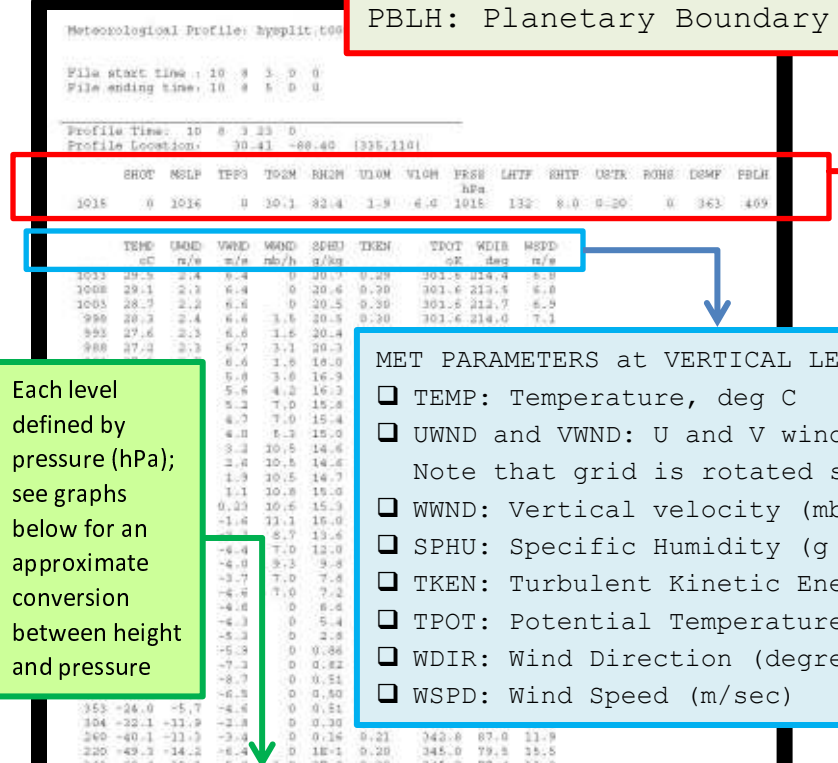

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100


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]

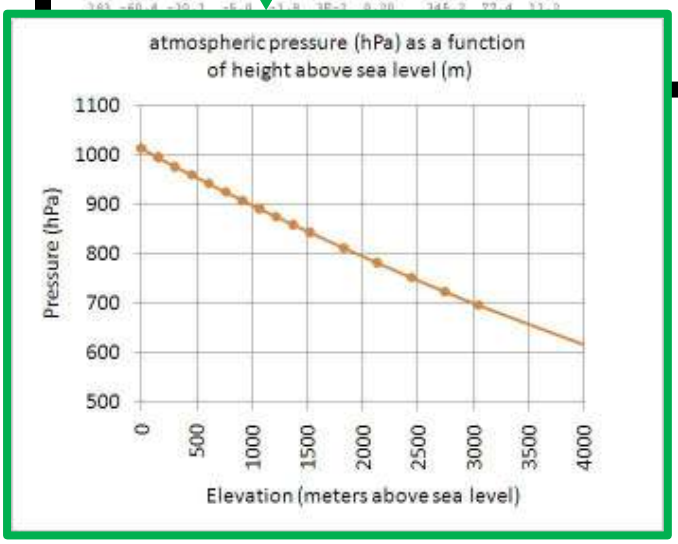
SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1015	0	1016	0	30.1	82.4	1.9	6.0	1015	132	8.0	0.20	0	363	469

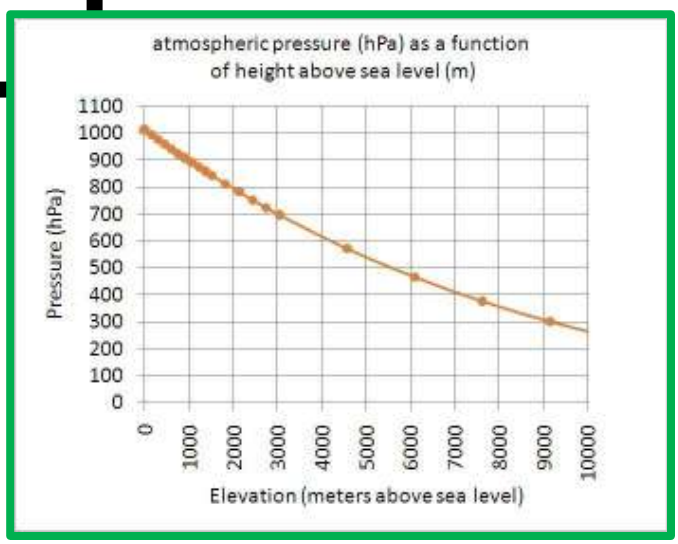
	TEMP cC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT cK	WDIR deg	WSPD m/s
1013	29.5	2.4	6.4	0	20.7	0.29	301.5	214.4	6.8
1008	29.1	2.3	6.4	0	20.6	0.30	301.6	213.5	6.8
1003	28.7	2.2	6.6	0	20.5	0.30	301.6	212.7	6.9
998	28.3	2.4	6.6	1.6	20.5	0.30	301.6	214.0	7.1
993	27.6	2.3	6.6	1.6	20.4				
988	27.3	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)





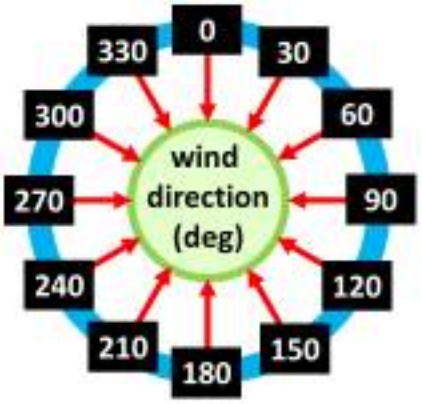
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 7 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
1012	0	1013	0	30.6	72.0	3.5	-1.9	1012	155	12.7	0.14	0	568	1033

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1010	29.9	3.6	-2.1	1.8	18.7	0.40	302.2	313.7	4.2
1005	29.5	3.8	-2.1	1.8	18.6	0.42	302.2	312.4	4.3
1000	29.0	3.9	-2.0	3.5	18.3	0.42	302.2	311.0	4.4
995	28.6	3.9	-2.2	5.3	18.3	0.55	302.2	313.7	4.4
990	28.2	3.8	-2.2	3.6	18.3	0.55	302.2	313.6	4.4
985	27.7	3.9	-2.1	6.4	18.3	0.55	302.2	312.3	4.4
980	27.3	3.9	-2.1	2.3	18.1	0.45	302.2	312.3	4.5
975	26.8	4.1	-2.2	2.7	18.0	0.45	302.2	312.3	4.6
969	26.3	3.9	-2.1	4.9	18.1	0.45	302.2	312.4	4.5
964	25.9	4.1	-2.2	5.5	17.3	0.45	302.3	311.8	4.6
958	25.6	4.2	-2.5	6.1	16.5	0.45	302.5	315.2	4.9
952	25.1	4.0	-2.4	6.2	16.3	0.20	302.5	315.5	4.7
945	24.6	3.4	-2.7	7.6	16.0	0.20	302.6	321.6	4.4
938	24.1	2.8	-2.5	4.3	15.7	0.20	302.7	325.9	3.7
931	23.6	2.2	-2.4	5.9	15.2	0.33	302.9	330.9	3.2
924	23.1	2.2	-2.0	3.5	14.5	0.20	303.1	326.0	2.9
915	22.7	2.4	-1.4	3.5	14.0	0.20	303.4	312.9	2.8
894	21.3	3.0	0.34	2.1	13.1	0.20	304.1	277.5	3.0
867	19.7	3.3	2.3	3.5	12.5	0.20	305.1	249.3	4.1
836	17.5	2.1	2.9	0	11.2	0.20	306.0	230.1	3.6
802	15.3	0.90	2.2	3.5	9.7	0.20	307.2	215.6	2.4
766	13.3	0.61	0.55	3.4	8.7	0.20	309.2	242.1	0.8
727	11.3	1.3	0.79	7.1	7.8	0.20	311.6	253.2	1.6
686	8.3	0.80	0.20	0	6.9	0.20	313.5	270.1	0.8
642	4.9	1.9	0.60	0	5.9	0.20	315.5	266.3	2.0
596	1.5	1.4	1.8	-7.0	4.8	0.20	318.4	230.2	2.3
548	-1.5	0	2.1	-7.0	3.9	0.20	322.6	193.9	2.1
500	-5.5	-0.78	1.3	0	3.6	0.20	326.3	162.7	1.5
451	-10.8	-0.57	0	0	3.0	0.20	329.5	103.9	0.6
401	-16.8	0.29	-1.2	0	2.1	0.20	332.9	359.9	1.2
352	-23.3	0.20	0	0	1.4	0.20	336.8	283.9	0.2
303	-30.9	-0.52	0.89	0	0.68	0.20	340.7	163.4	1.0
259	-40.3	-0.91	0.51	0	0.30	0.21	342.7	133.3	1.0
220	-49.4	-6.2	-1.8	7.0	0.10	0.22	345.2	88.1	6.5
182	-60.7	-4.5	2.7	1.8	3E-2	0.20	345.7	134.2	5.3
138	-74.0	-3.4	-2.9	0	1E-2	0.20	351.2	63.8	4.5
88	-68.0	-7.1	-3.9	0	1E-2	0.20	411.4	75.4	8.1
63	-60.7	-16.1	-2.3	-0.72	1E-2	0.20	468.9	95.7	16.3
38	-46.3	-30.6	-7.7	0.20	3E-2	0.20	579.5	89.8	31.5



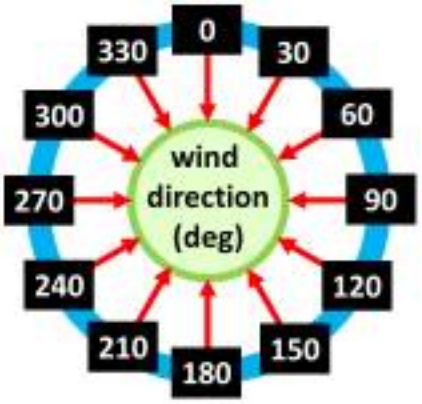
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 7 15 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	30.8	69.0	2.8	-2.3	1012	156	9.5	0.13	0	744	1044

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1009	30.3	3.0	-2.8	1.8	17.9	0.25	302.6	326.4	4.1
1004	29.8	3.0	-2.8	2.2	17.9	0.38	302.6	327.3	4.1
999	29.4	3.1	-2.8	2.5	17.8	0.38	302.6	326.1	4.2
995	29.0	3.0	-2.8	2.6	17.6	0.38	302.6	326.3	4.1
990	28.5	3.0	-3.0	2.5	17.7	0.38	302.6	328.6	4.3
984	28.1	3.2	-3.0	3.5	17.5	0.50	302.6	327.2	4.3
979	27.6	3.0	-3.0	3.5	17.7	0.50	302.6	328.5	4.3
974	27.1	3.2	-3.0	3.5	17.7	0.50	302.6	327.8	4.4
968	26.6	3.1	-2.8	3.8	17.7	0.50	302.6	325.5	4.2
963	26.1	3.2	-3.0	3.5	17.6	0.50	302.6	326.6	4.4
957	25.6	3.1	-3.0	5.3	17.5	0.50	302.5	327.9	4.4
951	25.0	3.1	-3.0	5.3	17.5	0.50	302.5	327.7	4.3
944	24.3	3.2	-3.0	2.2	17.3	0.40	302.4	327.4	4.4
938	23.8	3.1	-3.2	3.5	17.1	0.40	302.4	330.3	4.4
931	23.3	2.8	-2.9	3.5	16.1	0.20	302.6	330.0	4.0
923	23.0	2.2	-2.5	3.5	14.8	0.20	303.1	332.8	3.4
914	22.6	2.3	-2.0	3.5	14.1	0.20	303.4	325.4	3.1
893	21.2	3.3	-0.33	0	13.0	0.20	304.0	289.7	3.3
866	19.6	3.8	1.8	-2.2	12.8	0.20	305.0	258.7	4.2
835	17.4	2.7	2.3	-3.5	11.1	0.20	305.9	243.6	3.5
801	15.2	1.5	1.5	-4.5	9.5	0.20	307.2	239.1	2.1
765	13.3	0.91	-0.16	-7.0	8.7	0.20	309.2	293.6	0.9
727	11.3	1.3	0.53	-6.4	7.6	0.20	311.6	262.3	1.4
686	8.3	0.87	0.49	-6.9	6.9	0.20	313.6	254.5	1.0
642	4.8	1.9	0.97	0	5.9	0.20	315.5	256.8	2.1
596	1.3	1.8	2.3	0	4.8	0.20	318.3	231.8	2.9
548	-1.8	0.52	3.5	0	3.7	0.20	322.3	202.4	3.5
499	-5.7	-0.59	2.6	0	3.3	0.20	326.2	181.0	2.7
451	-10.8	-0.45	0.55	7.2	2.9	0.20	329.6	154.7	0.7
401	-16.7	0.27	-1.4	7.9	2.0	0.20	333.0	2.9	1.4
352	-23.4	-0.31	-0.35	10.4	1.4	0.20	336.8	55.5	0.5
303	-31.0	-1.2	0.54	12.3	0.65	0.20	340.7	127.8	1.3
259	-40.5	-1.7	1.4	8.3	0.28	0.21	342.6	142.3	2.2
220	-49.4	-6.5	-1.3	12.3	0.11	0.21	345.3	92.3	6.6
182	-60.6	-4.9	3.4	8.8	3E-2	0.18	345.9	138.8	6.0
138	-73.0	-4.4	-2.8	3.0	1E-2	0.20	353.0	71.2	5.3
88	-68.1	-6.5	-3.1	-1.3	1E-2	0.20	411.1	78.1	7.2
63	-60.5	-16.0	-2.6	0.11	1E-2	0.20	469.4	94.8	16.2
38	-46.6	-30.5	-8.3	0.17	3E-2	0.20	578.9	88.7	31.6



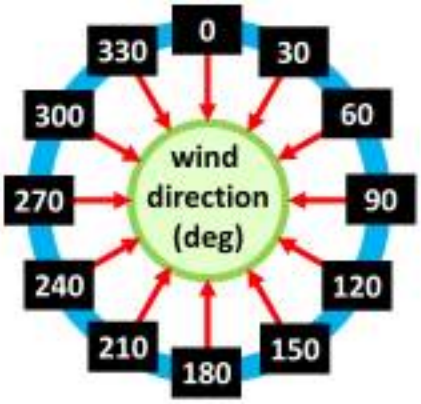
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 7 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
1013	0	1013	0	31.2	66.0	2.7	-2.0	1013	159	0	0.13	0	887	1172

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1010	30.7	2.9	-2.3	0	17.6	0.38	303.0	322.4	3.7
1005	30.1	2.8	-2.4	3.5	17.6	0.47	302.8	324.5	3.7
1001	29.7	2.8	-2.3	0	17.5	0.47	302.9	323.8	3.6
996	29.3	2.9	-2.3	1.8	17.4	0.60	302.8	321.6	3.7
991	28.8	2.9	-2.5	2.6	17.5	0.60	302.8	324.4	3.9
986	28.4	2.9	-2.3	0	17.4	0.60	302.8	322.4	3.7
980	27.9	3.0	-2.5	3.5	17.4	0.60	302.8	323.7	3.8
975	27.4	3.1	-2.5	3.5	17.4	0.63	302.8	322.6	3.9
970	26.9	3.0	-2.5	0	17.4	0.63	302.8	323.1	3.9
964	26.5	3.0	-2.4	0	17.4	0.63	302.8	323.0	3.9
958	25.9	3.1	-2.5	0	17.2	0.50	302.8	323.1	4.0
952	25.2	3.2	-2.6	1.8	17.4	0.80	302.7	323.9	4.1
945	24.7	3.2	-2.5	0	17.4	0.30	302.6	321.7	4.1
939	24.1	3.1	-2.5	1.8	17.3	0.30	302.7	322.4	4.0
932	23.4	3.2	-2.6	3.5	17.2	0.69	302.6	322.8	4.2
924	22.9	3.1	-2.5	3.5	15.7	0	302.9	322.9	4.0
915	22.4	3.1	-2.1	3.5	14.4	0.20	303.1	317.3	3.8
894	21.0	3.7	-0.87	0	13.2	0.20	303.8	296.9	3.8
867	19.4	4.6	1.1	-3.5	12.9	0.20	304.7	269.8	4.7
836	17.3	3.6	2.0	0	11.2	0.20	305.7	255.0	4.1
802	14.9	2.7	1.1	-2.6	9.4	0.20	306.8	261.0	2.9
766	13.0	1.3	-0.99	-7.0	8.8	0.20	308.8	320.6	1.7
727	11.0	1.6	0	0	7.7	0.20	311.3	283.9	1.6
686	8.3	0.94	0.44	0	6.8	0.20	313.4	258.8	1.0
643	4.9	2.2	1.3	0	6.0	0.20	315.6	253.1	2.5
596	1.4	2.2	2.5	0	4.8	0.20	318.3	234.8	3.3
549	-1.5	0.83	3.6	0	3.5	0.20	322.6	206.9	3.7
500	-5.3	-0.40	3.2	5.2	2.7	0.20	326.5	186.6	3.2
451	-10.3	-0.43	0.55	3.5	2.7	0.20	330.1	156.2	0.7
401	-16.2	-0.43	-1.1	3.5	1.9	0.20	333.6	34.4	1.2
352	-22.9	-1.1	-0.35	0	1.3	0.20	337.4	86.6	1.2
304	-30.7	-2.0	1.4	0	0.53	0.20	341.0	139.3	2.4
259	-40.4	-2.6	0.89	-1.8	0.26	0.19	342.6	122.7	2.8
220	-49.2	-6.7	-0.53	0	1E-1	0.19	345.4	99.3	6.7
182	-60.5	-5.9	3.9	1.2	3E-2	0.17	345.9	137.7	7.1
138	-72.5	-5.6	-2.8	0	1E-2	0.20	353.8	77.5	6.3
88	-69.0	-6.1	-2.5	0.40	1E-2	0.20	409.2	81.7	6.6
63	-61.6	-14.8	-3.5	-0.23	1E-2	0.20	467.0	90.4	15.2
38	-46.3	-31.2	-7.3	0.86	3E-2	0.20	579.5	90.7	32.1



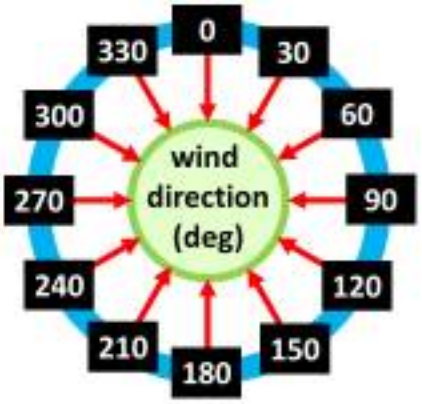
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 7 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
1013	0	1013	0	31.7	64.0	2.5	-1.7	1013	151	5.9	0.12	0	948	1466

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1011	31.1	2.4	-2.1	0	17.3	0.35	303.4	325.2	3.2
1006	30.7	2.6	-2.1	0.88	17.3	0.51	303.4	323.0	3.3
1001	30.3	2.5	-2.1	0	17.2	0.58	303.3	323.0	3.3
996	29.7	2.5	-2.0	0	17.2	0.55	303.2	323.4	3.2
991	29.2	2.7	-2.0	0	17.1	0.67	303.2	320.6	3.3
986	28.8	2.7	-2.2	0	17.1	0.67	303.2	323.8	3.5
981	28.4	2.6	-2.2	0	17.1	0.67	303.2	324.5	3.4
976	27.8	2.6	-2.2	0	17.1	0.67	303.1	324.0	3.4
970	27.3	2.6	-2.4	0	17.1	0.70	303.1	325.9	3.5
964	26.8	2.7	-2.3	0	17.1	0.75	303.1	324.5	3.6
958	26.3	2.8	-2.2	0	17.1	0.50	303.1	321.3	3.5
952	25.7	2.7	-2.2	-2.2	17.1	0.90	303.1	323.0	3.5
946	25.1	2.9	-2.3	-1.8	17.0	0.90	303.0	322.5	3.7
939	24.4	2.8	-2.4	0	17.1	0.80	302.9	325.0	3.7
932	23.8	2.8	-2.4	0	17.0	0.80	303.0	324.0	3.7
924	22.9	3.0	-2.5	-1.8	17.0	0.55	302.8	323.0	3.9
916	22.0	3.0	-2.3	-3.5	17.1	0.70	302.7	321.8	3.8
894	20.9	3.4	-1.6	0	13.4	0.20	303.6	309.4	3.8
867	19.2	4.6	0.29	-1.8	12.9	0.20	304.4	280.2	4.6
837	17.1	3.9	1.2	0	11.5	0.20	305.5	266.9	4.1
803	14.8	3.1	0.25	0	9.6	0.20	306.7	279.3	3.2
766	12.9	1.2	-1.9	0	9.1	0.20	308.7	341.5	2.2
728	10.9	0.86	-0.86	0	7.8	0.20	311.1	328.8	1.2
687	8.4	0.46	0.38	0	6.7	0.20	313.5	244.1	0.6
643	5.0	2.0	1.1	0	5.9	0.20	315.6	254.0	2.3
597	1.6	2.2	2.4	0	4.7	0.20	318.5	237.1	3.2
549	-1.2	0.83	3.8	0	3.3	0.20	322.8	206.2	3.9
500	-5.1	-0.35	3.8	-3.5	2.0	0.20	326.8	188.7	3.8
451	-10.2	-0.49	1.1	0	2.6	0.20	330.2	170.3	1.2
402	-16.1	-0.58	-0.77	0	1.9	0.20	333.7	50.7	1.0
352	-23.0	-1.1	0	-3.5	1.3	0.20	337.2	103.9	1.1
304	-30.8	-1.4	1.9	-3.5	0.54	0.20	340.8	157.7	2.3
259	-40.7	-2.3	2.3	-7.0	0.26	0.22	342.2	148.3	3.3
220	-49.3	-6.1	0	-1.8	0.11	0.22	345.2	103.9	6.1
183	-60.6	-5.8	5.1	0	3E-2	0.17	345.7	145.5	7.7
138	-72.8	-5.8	-1.5	-0.62	1E-2	0.20	353.2	89.6	6.0
88	-69.1	-5.1	-1.6	0.55	1E-2	0.20	409.0	86.0	5.3
63	-60.5	-16.0	-5.7	0.10	1E-2	0.20	469.2	84.3	16.9
38	-45.8	-31.2	-6.3	1E-1	3E-2	0.20	580.7	92.4	31.9



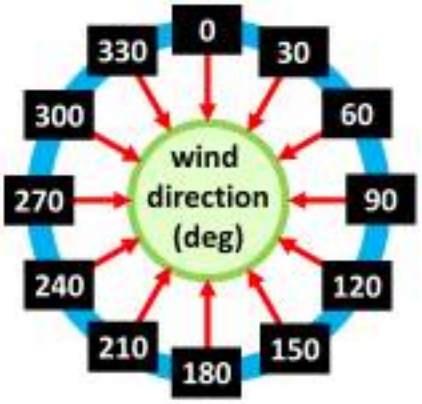
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 7 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
1014	0	1012	0	31.9	62.0	2.1	-1.1	1014	143	0	0.10	0	920	1582

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1011	31.3	2.3	-1.1	0	16.9	0.47	303.4	310.2	2.5
1007	31.1	2.2	-1.3	0	16.9	0.58	303.6	313.8	2.5
1002	30.5	2.1	-1.2	-3.5	16.8	0.70	303.5	313.2	2.4
997	30.1	2.3	-1.4	0	16.8	0.70	303.5	315.3	2.7
992	29.6	2.3	-1.4	0	16.8	0.70	303.5	314.4	2.7
987	29.2	2.3	-1.4	-3.5	16.7	0.80	303.5	314.7	2.7
981	28.7	2.3	-1.4	-3.5	16.7	0.80	303.5	315.0	2.7
976	28.2	2.2	-1.6	-1.8	16.7	0.80	303.4	319.5	2.7
971	27.7	2.4	-1.5	-5.2	16.7	0.95	303.4	315.2	2.8
965	27.2	2.3	-1.6	-5.3	16.7	1.1	303.4	317.8	2.8
959	26.6	2.4	-1.5	-3.5	16.6	1.0	303.4	317.1	2.8
953	26.1	2.4	-1.6	-3.5	16.7	0.80	303.4	317.8	2.9
947	25.4	2.4	-1.8	-5.3	16.6	1.3	303.3	319.8	3.0
940	24.8	2.4	-1.8	-4.3	16.6	0.95	303.3	319.8	3.0
933	24.1	2.5	-1.8	-7.0	16.6	0.95	303.2	318.6	3.1
925	23.3	2.5	-1.9	-5.1	16.7	0.95	303.2	320.9	3.1
916	22.3	2.5	-1.8	-5.3	16.6	0.95	302.9	319.5	3.1
895	20.5	2.7	-1.9	-7.0	14.7	0.70	303.1	318.0	3.3
868	19.0	3.9	0	-5.3	13.1	0.20	304.3	283.9	3.9
837	17.0	4.0	0.80	-5.3	12.1	0.20	305.3	272.4	4.0
803	14.9	3.0	0.25	0	10.7	0.20	306.6	279.0	3.0
767	12.6	0.42	-2.1	0	9.3	0.20	308.3	2.6	2.1
728	10.0	0.78	-1.3	7.6	7.7	0.20	310.1	342.2	1.5
687	8.3	0.76	0.19	0	6.8	0.20	313.3	270.1	0.8
643	4.9	2.3	0.97	0	5.9	0.20	315.4	261.0	2.5
597	1.6	2.7	2.2	6.9	4.7	0.20	318.4	245.4	3.5
549	-1.2	1.5	3.4	7.5	3.1	0.20	322.8	217.4	3.7
501	-5.1	0.74	3.8	0	1.6	0.20	326.7	204.8	3.9
452	-10.3	0	1.7	0	2.4	0.20	330.0	193.9	1.7
402	-16.1	-0.57	-0.36	5.3	1.9	0.20	333.6	71.4	0.7
352	-23.1	-0.99	0	3.5	1.3	0.20	336.9	103.9	1.0
304	-31.0	-1.3	1.4	0	0.51	0.20	340.5	150.6	1.9
259	-41.0	-2.0	3.7	-3.5	0.26	0.24	341.5	165.7	4.2
220	-49.3	-5.9	0	-4.1	0.11	0.22	345.2	103.9	5.9
183	-60.8	-5.1	5.5	0	4E-2	0.17	345.4	150.9	7.5
138	-73.3	-4.8	-0.77	-2.3	1E-2	0.20	352.3	94.8	4.9
88	-68.1	-6.6	-2.4	1.0	1E-2	0.20	411.0	84.0	7.0
63	-60.5	-16.6	-5.7	0.75	1E-2	0.20	469.1	84.9	17.5
38	-46.5	-30.4	-4.9	-0.14	3E-2	0.20	578.8	94.7	30.8



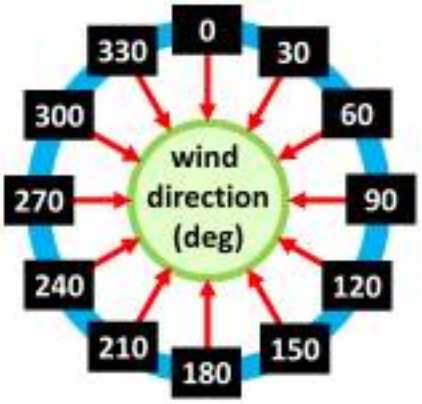
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 7 19 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
								hPa						
1015	0	1012	0	32.2	60.0	1.7	-0.39	1015	125	0	1E-1	0	549	1786

	TEMP	UWND	VWND	WWND	SPHU	TKEN	TPOT	WDIR	WSPD
	oC	m/s	m/s	mb/h	g/kg		oK	deg	m/s
1012	31.5	1.6	-0.36	0	16.7	0.47	303.6	296.6	1.6
1007	31.2	1.5	-0.39	-3.5	16.7	0.57	303.7	298.3	1.5
1003	30.7	1.7	-0.41	0	16.6	0.70	303.7	297.7	1.7
998	30.2	1.7	-0.38	0	16.6	0.70	303.6	296.6	1.7
993	29.8	1.6	-0.39	0	16.5	0.82	303.6	297.3	1.7
987	29.3	1.6	-0.60	0	16.5	0.80	303.6	304.0	1.8
982	28.8	1.9	-0.56	-3.5	16.4	0.80	303.6	300.8	1.9
977	28.4	1.8	-0.56	-3.5	16.4	0.80	303.6	301.2	1.9
971	27.9	1.8	-0.61	-3.5	16.4	0.75	303.5	303.2	1.9
966	27.4	1.8	-0.71	-5.3	16.5	1.1	303.5	305.9	1.9
960	26.9	1.8	-0.69	-5.3	16.5	1.1	303.6	304.6	1.9
954	26.3	1.8	-0.96	-5.3	16.3	0.90	303.5	312.4	2.0
947	25.6	1.8	-0.82	-3.5	16.3	1.3	303.4	308.1	2.0
941	25.0	1.8	-1.0	-5.3	16.3	1.3	303.5	314.0	2.1
933	24.3	1.9	-1.0	-5.3	16.4	1.3	303.3	312.2	2.1
926	23.5	1.9	-1.0	-3.5	16.4	1.3	303.2	311.7	2.1
917	22.6	1.8	-1.0	-5.3	16.4	1.3	303.2	313.0	2.1
896	20.3	2.1	-1.5	-3.4	16.4	0.95	302.9	319.7	2.6
869	18.7	2.8	0	0	13.3	0.20	303.9	283.9	2.8
838	17.0	3.4	1.1	0	12.2	0.20	305.2	266.0	3.5
804	15.0	2.7	0.19	0	10.9	0.20	306.7	279.9	2.7
768	12.7	0	-2.1	0	9.6	0.20	308.3	13.9	2.1
729	10.3	0.28	-1.8	0	8.1	0.20	310.3	5.0	1.8
688	8.4	0.94	0.28	0	6.9	0.20	313.4	267.5	1.0
644	5.0	2.4	0.92	0	5.9	0.20	315.5	263.1	2.6
598	1.8	3.1	1.8	6.3	4.6	0.20	318.5	253.9	3.6
550	-1.0	2.4	3.6	7.0	3.1	0.20	323.0	227.9	4.3
501	-5.1	1.9	3.4	0	1.6	0.20	326.7	223.0	3.9
452	-10.3	1.0	2.2	0	2.1	0.20	329.9	219.0	2.4
402	-16.2	-0.16	0.53	0	2.0	0.20	333.4	177.0	0.6
353	-23.2	-0.88	0	0	1.3	0.20	336.7	103.9	0.9
304	-31.0	-1.5	1.1	0	0.46	0.20	340.3	140.2	1.9
259	-41.2	-2.5	4.9	0	0.26	0.85	341.2	167.2	5.5
220	-49.1	-5.9	0.91	0	0.12	0.23	345.5	112.6	6.0
183	-60.7	-5.7	5.8	4.9	3E-2	0.17	345.5	149.6	8.1
138	-73.9	-4.6	-0.39	-0.77	1E-2	0.20	351.1	99.0	4.6
88	-67.0	-7.6	-3.6	0.78	1E-2	0.20	413.0	78.5	8.4
63	-60.0	-16.9	-2.9	0.43	1E-2	0.20	470.2	94.2	17.1
38	-46.2	-29.8	-5.3	0.10	3E-2	0.20	579.4	93.8	30.2



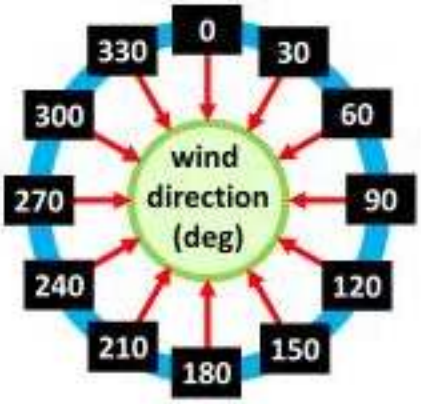
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 7 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
1014	0	1012	0	32.1	60.0	1.7	0.35	1014	121	0	1E-1	0	458	1582

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1012	31.5	1.6	0.62	-1.8	16.6	0.47	303.6	262.4	1.7
1007	31.1	1.7	0.58	0	16.6	0.57	303.6	265.2	1.8
1002	30.9	1.7	0.64	-1.8	16.6	0.57	303.8	263.3	1.8
997	30.2	1.7	0.45	-1.8	16.5	0.68	303.6	268.5	1.7
992	29.8	1.6	0.47	-5.0	16.5	0.68	303.6	267.6	1.7
987	29.3	1.6	0.46	-3.5	16.5	0.68	303.6	267.9	1.7
982	28.9	1.6	0.24	-3.5	16.5	0.80	303.7	275.2	1.6
977	28.4	1.8	0.26	-5.3	16.5	0.80	303.6	275.5	1.8
971	27.9	1.6	0.19	-7.0	16.4	0.70	303.6	277.2	1.6
965	27.5	1.9	0	-7.0	16.4	0.70	303.7	283.9	1.9
959	26.9	1.9	0	-5.3	16.4	1.0	303.6	283.9	1.9
953	26.4	1.8	0	-5.3	16.3	1.0	303.6	283.9	1.8
947	25.7	1.8	0	-8.8	16.3	1.0	303.6	283.9	1.8
940	25.1	1.8	0	-8.8	16.3	1.0	303.6	283.9	1.8
933	24.3	2.0	-0.19	-9.0	16.3	1.0	303.4	289.4	2.0
925	23.5	2.0	0	-8.8	16.3	1.4	303.3	283.9	2.0
917	22.7	1.9	-0.28	-6.2	16.3	1.3	303.3	292.2	1.9
895	20.4	2.1	-0.79	-7.0	15.8	0	303.0	304.8	2.2
868	18.8	2.3	0.32	-7.0	13.4	0.20	304.0	275.8	2.3
838	17.0	3.2	1.3	-7.0	12.4	0.20	305.2	261.6	3.4
804	15.0	2.6	0.27	-9.7	11.1	0.20	306.8	277.8	2.6
767	12.8	-0.23	-1.8	-7.0	9.9	0.20	308.5	21.1	1.8
728	10.4	0.15	-1.8	-3.5	8.4	0.20	310.5	9.1	1.8
687	8.3	1.2	0.65	-7.0	7.0	0.20	313.4	255.6	1.4
644	5.3	2.8	1.4	0	5.9	0.20	315.9	258.3	3.1
597	2.1	3.4	2.5	0	4.5	0.20	318.9	247.3	4.3
549	-0.80	2.8	3.8	0	3.1	0.20	323.2	230.4	4.7
501	-5.2	2.7	3.5	-7.0	1.7	0.20	326.6	231.1	4.4
452	-10.4	1.2	2.2	-7.0	1.8	0.20	329.9	223.3	2.5
402	-16.4	0.17	0.86	-3.7	2.0	0.20	333.2	204.8	0.9
352	-23.4	-0.82	-0.57	-3.2	1.4	0.20	336.6	68.8	1.0
304	-31.1	-0.95	0	0	0.46	0.20	340.3	103.9	1.0
259	-41.2	-2.0	3.9	0	0.26	0.44	341.3	167.4	4.4
220	-48.9	-5.5	1.2	-1.9	0.13	0.23	345.8	116.5	5.6
183	-60.6	-5.1	5.6	2.2	3E-2	0.18	345.7	151.7	7.5
138	-73.9	-3.9	-2.5	-0.67	1E-2	0.20	351.3	71.7	4.6
88	-67.0	-7.0	-4.3	0.83	1E-2	0.20	413.1	72.6	8.2
63	-59.0	-16.4	-0.82	0.41	1E-2	0.20	472.6	101.0	16.4
38	-47.0	-29.2	-5.3	0.32	3E-2	0.20	577.3	93.7	29.7



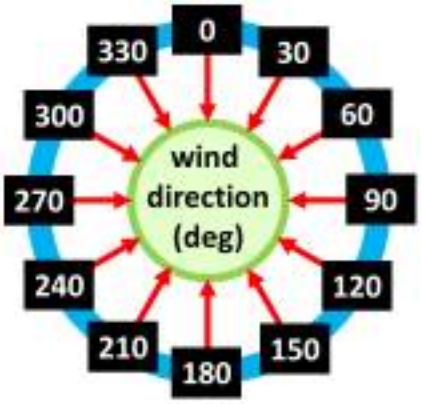
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 7 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
1010	0	1012	0	32.1	61.0	1.7	0.75	1010	128	0	1E-1	0	265	1774

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1008	31.4	1.7	1.1	0	16.8	0.51	303.9	249.3	2.0
1003	31.0	1.8	0.95	-3.5	16.6	0.51	303.9	255.9	2.0
998	30.8	1.8	1.0	0	16.5	0.61	304.1	254.3	2.0
993	30.2	1.7	1.0	0	16.5	0.68	303.9	252.7	2.0
988	29.7	1.7	0.83	-3.5	16.4	0.65	303.9	257.6	1.9
983	29.2	1.7	0.84	-3.8	16.4	0.90	303.9	257.3	1.9
978	28.8	1.7	0.89	-1.8	16.5	0.90	303.8	255.6	1.9
973	28.3	1.9	0.64	-1.8	16.3	0.90	303.8	265.0	2.0
967	27.8	1.7	0.69	-1.8	16.3	0.90	303.8	261.5	1.8
962	27.4	1.8	0.61	-1.8	16.3	0.75	303.9	265.7	1.9
956	26.8	1.8	0.62	-4.8	16.3	1.0	303.9	264.5	1.9
950	26.2	1.8	0.58	-4.5	16.3	1.1	303.8	266.3	1.9
943	25.6	1.9	0.29	-3.8	16.3	1.1	303.8	275.0	1.9
937	25.0	1.9	0.35	-3.7	16.3	0.90	303.8	273.6	1.9
930	24.3	1.9	0.24	-3.9	16.2	0.80	303.8	276.8	1.9
922	23.6	1.9	0.37	0	16.2	0.80	303.7	273.2	2.0
913	22.6	1.8	0.34	0	16.2	1.3	303.6	273.2	1.9
892	20.3	1.9	-0.25	-3.5	15.7	0.70	303.2	291.1	2.0
865	18.7	1.8	0.71	0	13.3	0.20	304.3	262.0	1.9
834	16.9	2.8	1.6	-3.5	12.4	0.20	305.5	253.8	3.2
801	15.0	2.5	0.38	-3.5	11.2	0.20	307.1	275.3	2.6
764	12.9	-0.25	-1.3	-7.0	10.0	0.20	308.9	25.1	1.3
726	10.7	0	-2.2	-3.5	8.7	0.20	311.2	13.9	2.2
685	8.3	1.6	0.28	0	7.2	0.20	313.6	274.3	1.7
641	5.2	2.9	0.88	0	5.9	0.20	316.1	266.7	3.0
595	2.0	3.8	2.0	0	4.6	0.20	319.2	255.6	4.3
547	-1.1	3.5	3.3	0	3.2	0.20	323.2	240.4	4.8
499	-5.2	3.2	2.9	-7.0	2.1	0.20	326.9	241.3	4.3
450	-10.5	1.6	2.1	-2.7	1.5	0.20	330.0	231.6	2.6
401	-16.5	0.61	1.4	-3.2	1.9	0.20	333.4	217.9	1.5
351	-23.4	-0.68	-0.35	-2.3	1.4	0.20	336.9	76.9	0.8
303	-31.0	-1.2	-0.66	2.1	0.47	0.20	340.8	75.6	1.4
258	-41.1	-2.2	2.5	3.4	0.27	0.22	341.7	152.4	3.4
219	-48.8	-5.9	1.9	0	0.14	0.26	346.2	121.7	6.2
182	-60.4	-5.1	5.6	4.3	4E-2	0.17	346.3	151.4	7.5
137	-74.0	-3.7	-2.3	0.85	1E-2	0.20	351.4	72.0	4.4
88	-66.5	-7.9	-5.4	-0.38	1E-2	0.20	414.5	69.3	9.5
63	-58.6	-16.0	-1.1	0.30	1E-2	0.20	473.8	100.1	16.1
38	-47.2	-28.9	-4.4	0.32	3E-2	0.20	577.6	95.2	29.2



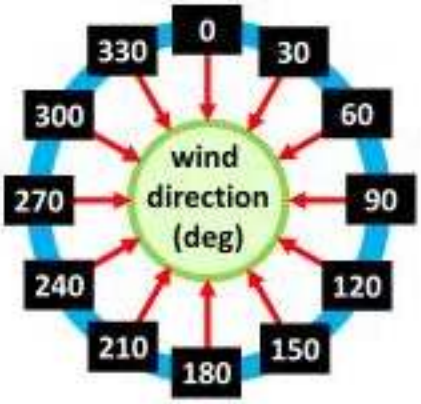
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 7 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
1013	0	1012	0	32.0	60.7	1.5	0.87	1013	129	0	1E-1	0	246	1581

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1011	31.4	1.6	1.5	-1.8	16.8	0.35	303.6	241.3	2.2
1006	31.0	1.6	1.3	-3.5	16.6	0	303.6	243.9	2.1
1001	30.5	1.6	1.3	0	16.5	0.45	303.6	243.1	2.1
996	30.1	1.5	1.4	0	16.5	0	303.6	241.9	2.1
991	29.7	1.5	1.2	0	16.5	0.70	303.6	246.3	1.9
986	29.2	1.5	1.2	-2.3	16.5	0.30	303.6	245.3	1.9
981	28.8	1.5	1.2	-2.9	16.5	0.69	303.6	245.4	2.0
976	28.3	1.7	1.0	0	16.5	0.69	303.6	253.0	2.0
970	27.8	1.6	1.1	0	16.4	0.63	303.5	250.5	1.9
965	27.2	1.7	0.93	-4.0	16.4	0.63	303.5	255.4	1.9
959	26.8	1.6	0.92	-2.5	16.4	0.63	303.6	253.7	1.8
953	26.1	1.5	0.69	-2.5	16.3	0.63	303.5	259.9	1.7
946	25.6	1.6	0.58	-1.9	16.3	0.50	303.5	264.0	1.7
939	24.9	1.6	0.55	0	16.3	0.90	303.4	265.1	1.7
932	24.2	1.6	0.45	0	16.4	0.80	303.4	268.4	1.7
925	23.4	1.7	0.52	0	16.4	0.80	303.3	266.8	1.8
916	22.5	1.6	0.43	0	16.3	0.75	303.1	269.2	1.7
895	20.5	1.6	0	4.0	15.0	0.45	303.1	283.9	1.6
868	19.0	1.7	1.2	3.8	13.5	0.20	304.3	248.6	2.0
837	17.2	2.8	1.5	0	12.4	0.20	305.6	255.4	3.2
803	15.3	2.4	0.37	0	11.2	0.20	307.2	275.1	2.5
767	13.0	-1E-1	-1.2	0	10.0	0.20	308.7	18.5	1.2
728	10.8	0	-2.1	0	8.8	0.20	310.9	13.9	2.1
687	8.5	2.1	0.13	0	7.2	0.20	313.6	280.2	2.1
643	5.5	3.1	0.63	0	5.9	0.20	316.2	272.6	3.2
597	2.1	4.1	1.6	0	4.6	0.20	319.1	262.4	4.4
549	-1.0	4.0	2.8	0	3.0	0.20	323.0	249.1	4.9
500	-5.5	3.6	1.9	0	1.8	0.20	326.2	256.6	4.1
451	-10.6	1.8	1.5	0	1.4	0.20	329.7	243.5	2.3
402	-16.5	0.93	1.9	0	1.8	0.20	333.1	219.8	2.1
352	-23.4	-0.44	0.47	0	1.4	0.20	336.6	150.7	0.6
304	-31.0	-1.3	-1.0	0	0.51	0.20	340.5	65.5	1.7
259	-40.9	-2.4	1.6	0	0.27	0.22	341.8	137.6	2.9
220	-48.9	-6.5	3.6	0	0.14	0.18	345.8	133.2	7.4
183	-60.3	-4.3	4.6	0	4E-2	0.17	346.3	150.6	6.3
138	-74.0	-3.2	-2.1	0	1E-2	0.20	351.0	70.4	3.9
88	-66.9	-8.0	-6.2	0	1E-2	0.20	413.4	66.2	10.2
63	-58.5	-16.4	-1.2	0.19	1E-2	0.20	473.7	99.8	16.4
38	-46.9	-28.7	-4.9	0.39	3E-2	0.20	577.7	94.2	29.1



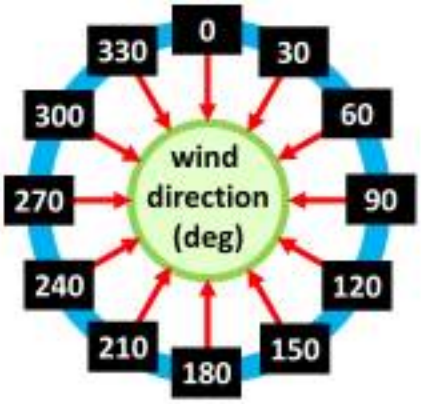
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 7 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	1012	0	31.9	62.8	1.7	1.1	1013	128	0	1E-1	0	289	1453

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1010	31.3	1.7	1.6	0	17.1	0.22	303.5	240.5	2.3
1006	30.8	1.7	1.7	-3.5	17.0	0.24	303.5	239.5	2.4
1001	30.4	1.8	1.5	0	16.9	0.22	303.5	244.4	2.4
996	29.9	1.8	1.5	-3.5	16.9	0.20	303.4	243.6	2.4
991	29.5	1.9	1.5	0	16.9	0.20	303.5	244.5	2.4
986	29.1	1.7	1.3	-3.5	16.8	0.20	303.5	245.9	2.2
981	28.6	1.7	1.3	-4.0	16.8	0.20	303.5	245.8	2.2
975	28.1	1.7	1.4	-3.5	16.8	0.20	303.5	244.6	2.2
970	27.6	1.9	1.4	-5.9	16.8	0.20	303.4	247.5	2.3
964	27.2	1.9	1.2	-6.6	16.7	0.20	303.5	251.9	2.2
958	26.6	1.8	1.2	-4.5	16.7	0.35	303.5	250.5	2.1
952	26.0	1.8	0.97	-6.8	16.7	0.35	303.4	255.6	2.0
946	25.4	1.9	0.94	-5.3	16.6	0.40	303.4	257.2	2.1
939	24.9	1.8	0.75	-6.0	16.5	0	303.5	261.5	2.0
932	24.2	1.8	0.53	-5.4	16.5	0.20	303.4	267.4	1.9
924	23.4	1.7	0.16	-5.5	16.5	0.20	303.3	278.6	1.7
916	22.5	1.7	0.26	-5.1	16.4	0.20	303.2	275.0	1.7
894	20.8	1.5	0.52	0	14.7	0.20	303.5	264.9	1.6
867	19.3	2.0	1.3	-3.5	13.7	0.20	304.7	251.0	2.4
836	17.4	3.1	1.2	-3.9	12.7	0.20	305.8	263.2	3.3
802	15.4	2.6	0	0	11.3	0.20	307.3	283.9	2.6
766	13.0	0.47	-1.3	4.0	10.0	0.20	308.8	353.6	1.4
727	10.6	-0.24	-2.1	0	8.7	0.20	310.8	20.6	2.1
686	8.8	2.2	0.20	0	7.1	0.20	314.0	278.8	2.2
643	5.7	3.0	0.29	0	5.7	0.20	316.4	278.3	3.0
597	2.3	4.3	1.4	0	4.2	0.20	319.4	266.3	4.5
549	-0.86	3.9	2.6	0	2.4	0.20	323.3	250.4	4.7
500	-5.5	3.2	1.6	0	1.8	0.20	326.3	256.7	3.6
451	-10.5	1.4	1.8	0	1.3	0.20	329.8	230.9	2.3
402	-16.5	0.80	1.9	0	1.6	0.20	333.2	216.6	2.1
352	-23.4	-0.70	0.78	0	1.4	0.20	336.7	152.0	1.0
304	-31.1	-1.6	-1.2	0	0.58	0.20	340.4	66.5	2.0
259	-40.8	-2.8	0.94	0	0.27	0.23	342.1	122.4	3.0
220	-49.0	-4.9	5.6	0	0.14	0.23	345.7	152.9	7.5
182	-60.2	-3.5	2.5	0	4E-2	0.30	346.4	139.9	4.3
138	-73.3	-2.7	-2.4	3.7	1E-2	0.20	352.4	61.8	3.6
88	-66.9	-8.8	-5.5	-0.59	1E-2	0.20	413.4	72.1	10.4
63	-58.9	-15.8	-2.3	-0.55	1E-2	0.20	472.9	95.5	16.0
38	-47.3	-28.9	-4.7	-0.64	3E-2	0.20	576.9	94.6	29.3



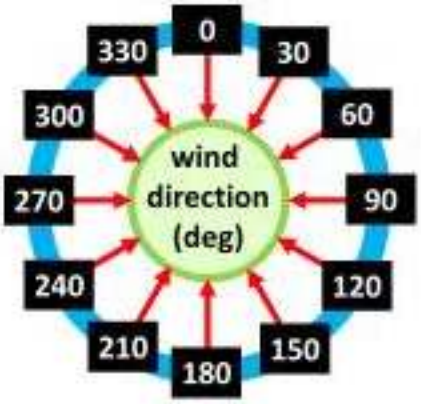
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 8 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	1012	0	31.7	64.3	1.8	1.3	1012	123	0	1E-1	0	116	1325

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1010	31.1	2.0	1.8	0	17.6	0.22	303.4	242.1	2.7
1005	30.7	1.9	1.7	-1.8	17.5	0.24	303.4	241.9	2.6
1000	30.5	1.9	1.7	0	17.4	0.21	303.6	242.2	2.5
995	29.8	2.0	1.7	0	17.2	0.20	303.4	243.1	2.6
990	29.4	1.9	1.5	-3.8	17.1	0.20	303.4	245.5	2.4
985	28.9	2.0	1.5	-4.5	17.1	0.20	303.4	246.4	2.5
980	28.4	1.9	1.5	-3.3	17.1	0.20	303.4	245.2	2.5
975	28.0	1.9	1.5	-3.2	17.1	0	303.3	245.0	2.5
969	27.5	1.9	1.3	-3.2	17.1	0	303.3	250.4	2.3
963	27.2	1.9	1.3	-5.7	17.1	0	303.6	248.9	2.3
958	26.6	2.0	1.4	-5.1	17.1	0	303.5	248.8	2.4
951	26.0	1.9	1.2	-4.3	17.1	0	303.4	253.1	2.3
945	25.2	1.9	1.2	-4.0	16.9	0	303.2	251.0	2.3
938	24.7	1.8	0.95	-4.6	17.0	0	303.3	255.7	2.0
931	24.0	1.8	0.72	-4.9	16.9	0.30	303.2	262.1	1.9
923	23.3	1.7	0.16	-4.5	16.4	0	303.3	278.6	1.7
915	22.4	1.6	0.21	-2.1	16.3	0	303.1	276.4	1.6
894	20.8	1.6	0.79	0	14.7	0.20	303.6	258.2	1.8
867	19.4	2.6	1.2	0	13.7	0.20	304.8	258.9	2.9
836	17.5	3.7	0.70	0	12.5	0.20	306.0	273.1	3.8
802	15.4	3.2	0	0	11.3	0.20	307.4	283.9	3.2
766	13.0	1.00	-1.0	3.5	10.0	0.20	308.9	330.2	1.4
727	10.6	-0.57	-2.1	0	8.8	0.20	310.9	29.2	2.2
686	8.8	1.9	-0.16	0	7.0	0.20	314.0	288.9	1.9
642	5.7	3.0	0	0	5.7	0.20	316.5	283.9	3.0
596	2.4	4.5	1.1	0	4.1	0.20	319.4	269.7	4.6
548	-0.85	4.2	2.3	0	2.2	0.20	323.4	255.0	4.8
500	-5.5	3.4	1.4	0	1.8	0.20	326.4	261.1	3.7
451	-10.4	1.4	1.6	0	1.3	0.20	330.0	233.6	2.1
401	-16.4	0.76	2.2	0	1.3	0.20	333.3	212.6	2.4
352	-23.3	-0.81	0.58	0	1.4	0.20	336.9	139.2	1.0
303	-31.1	-1.9	-1.6	0	0.61	0.20	340.5	63.0	2.5
259	-40.6	-3.1	0.54	0	0.28	0.20	342.4	113.7	3.2
220	-49.0	-3.0	5.8	-3.5	0.14	0.19	345.8	166.3	6.5
182	-60.1	-3.1	0.68	-1.8	4E-2	0.17	346.7	116.3	3.1
138	-72.3	-3.2	-1.7	1.4	1E-2	0.20	354.1	76.6	3.6
88	-67.8	-9.1	-5.0	-1.3	1E-2	0.20	411.7	75.2	10.4
63	-59.6	-15.6	-4.0	0.42	1E-2	0.20	471.3	89.5	16.1
38	-46.5	-29.1	-4.6	0.39	3E-2	0.20	579.0	94.8	29.5



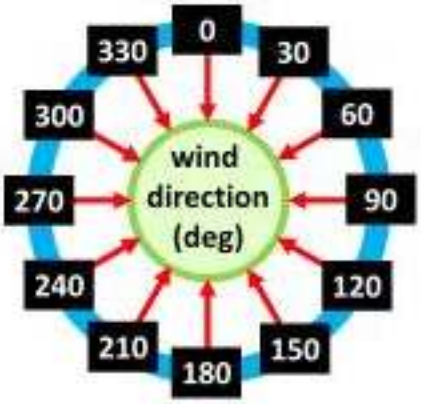
Meteorological Profile: hysplit.t00z.namsf

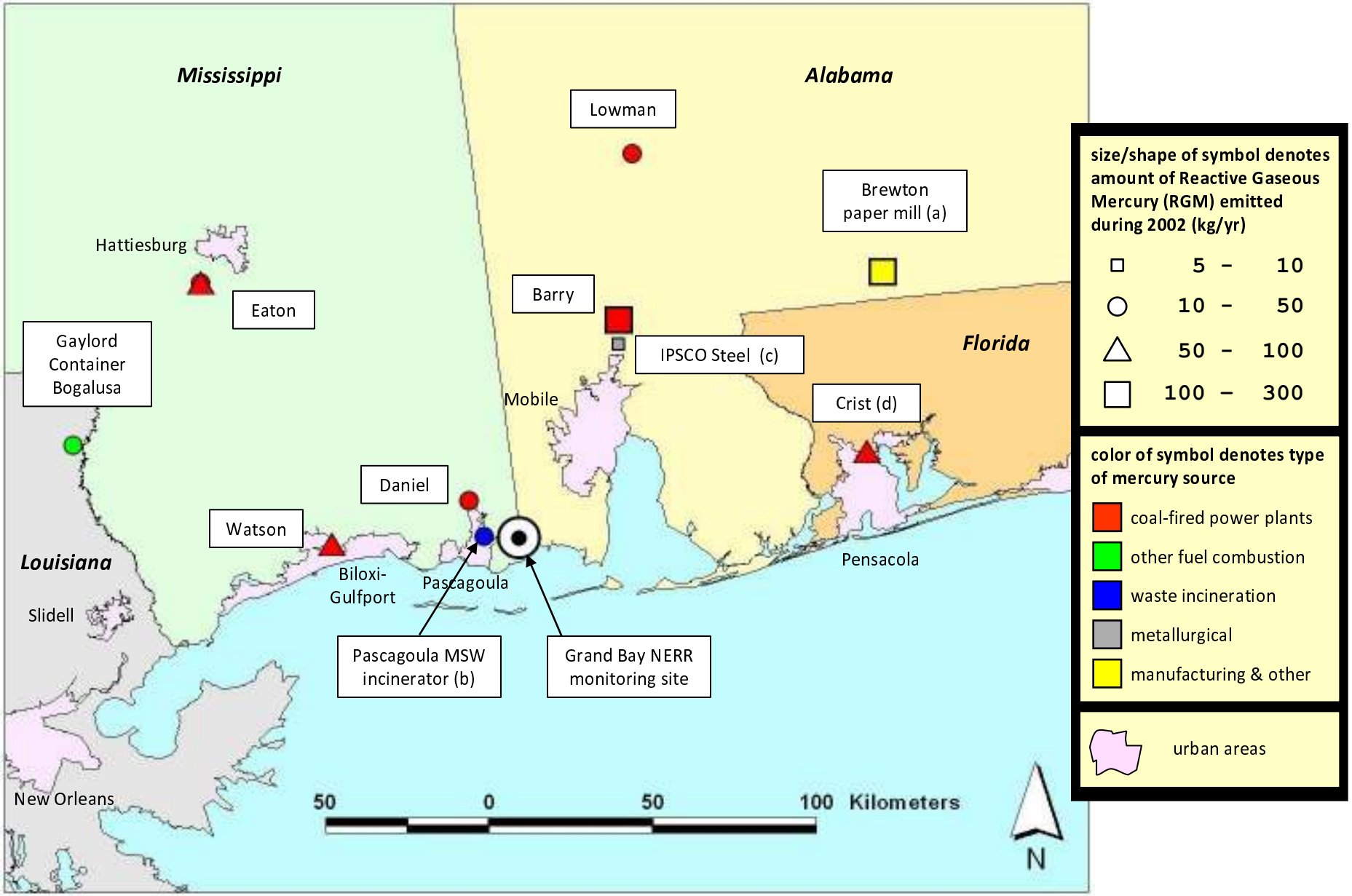
File start time : 10 8 7 0 0
File ending time: 10 8 9 0 0

Profile Time: 10 8 8 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	1012	0	31.6	66.4	2.2	1.1	1012	124	0	1E-1	0	0	621

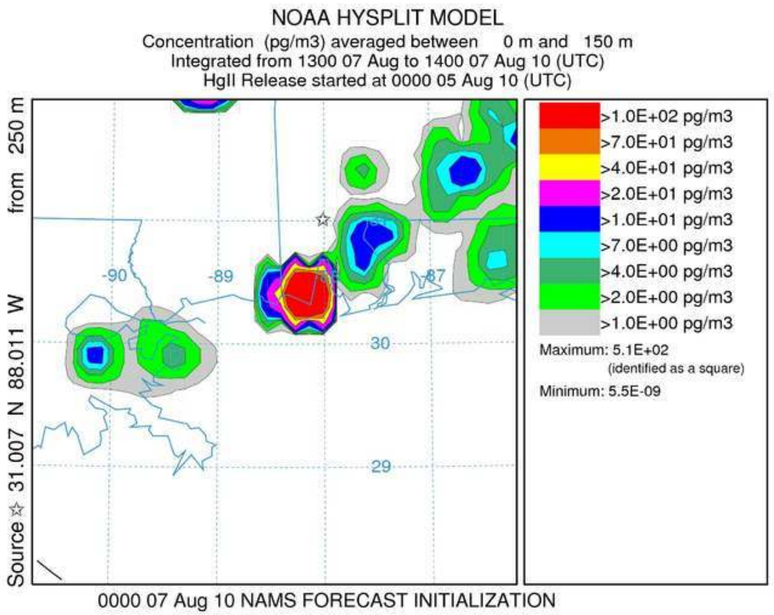
	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1009	31.0	2.3	1.3	-1.9	18.0	0.22	303.4	254.7	2.7
1004	30.6	2.3	1.4	0	17.9	0.35	303.3	253.1	2.7
999	30.1	2.3	1.4	0	17.8	0.35	303.3	251.6	2.7
995	29.7	2.2	1.2	-4.3	17.7	0.35	303.4	254.9	2.5
990	29.3	2.2	1.2	-3.9	17.6	0.35	303.3	254.6	2.5
984	28.8	2.3	1.3	-2.8	17.6	0.35	303.3	254.6	2.6
979	28.4	2.3	1.1	-4.1	17.5	0	303.3	258.2	2.5
974	27.9	2.1	1.3	-6.2	17.5	0	303.3	252.0	2.5
968	27.4	2.1	1.1	-5.3	17.4	0	303.3	256.2	2.4
963	26.8	2.1	1.1	-5.8	17.4	0	303.3	255.6	2.3
957	26.3	2.1	1.1	-7.4	17.2	0	303.3	256.3	2.3
951	25.9	2.0	0.83	-4.8	17.1	0	303.4	261.5	2.2
944	25.2	2.0	0.82	-4.7	17.1	0	303.3	261.4	2.2
938	24.5	1.9	0.70	-5.3	16.9	0.40	303.2	263.6	2.0
931	23.8	1.8	0.41	-8.0	17.0	0.40	303.2	271.0	1.9
923	23.2	1.7	-0.13	-5.2	16.3	0.30	303.2	288.0	1.7
914	22.6	1.5	-0.20	-5.6	15.8	0	303.4	291.5	1.5
893	21.1	1.7	0.64	0	14.7	0.20	304.0	263.7	1.8
866	19.6	3.0	0.40	-7.0	13.7	0.20	305.0	276.2	3.0
835	17.8	3.7	0	0	12.4	0.20	306.3	283.9	3.7
801	15.6	2.6	-0.32	7.0	11.2	0.20	307.6	290.8	2.7
765	13.1	0.60	-1.1	7.0	9.8	0.20	309.1	344.4	1.2
727	11.0	-1.4	-2.0	0	8.5	0.20	311.3	50.1	2.5
686	9.0	1.4	0	0	7.0	0.20	314.3	283.9	1.4
642	5.9	2.7	0.15	0	5.6	0.20	316.8	280.7	2.7
596	2.4	4.6	0.75	0	4.0	0.20	319.5	274.6	4.6
548	-0.91	4.2	1.8	0	2.2	0.20	323.4	261.3	4.6
499	-5.4	3.2	1.4	0	1.7	0.20	326.6	259.9	3.5
451	-10.4	1.3	2.1	0	1.2	0.20	330.0	224.6	2.5
401	-16.4	0.87	2.0	0	1.1	0.20	333.5	217.2	2.2
352	-23.2	-0.82	0.53	0	1.3	0.20	337.0	136.9	1.0
303	-31.0	-2.1	-1.5	3.5	0.63	0.20	340.6	68.7	2.6
259	-40.6	-3.5	0	0	0.29	0.20	342.5	103.9	3.5
220	-49.0	-2.6	3.9	-7.8	0.14	0.23	345.9	160.3	4.7
182	-60.2	-2.6	0	-4.0	4E-2	0.17	346.6	103.9	2.6
138	-72.8	-2.7	-1.3	-2.6	1E-2	0.20	353.4	77.9	3.0
88	-67.8	-10.2	-4.6	0.36	1E-2	0.20	411.8	79.7	11.2
63	-59.7	-16.4	-4.2	-0.46	1E-2	0.20	471.2	89.7	17.0
38	-46.5	-29.1	-5.2	0.28	3E-2	0.20	579.1	93.7	29.6

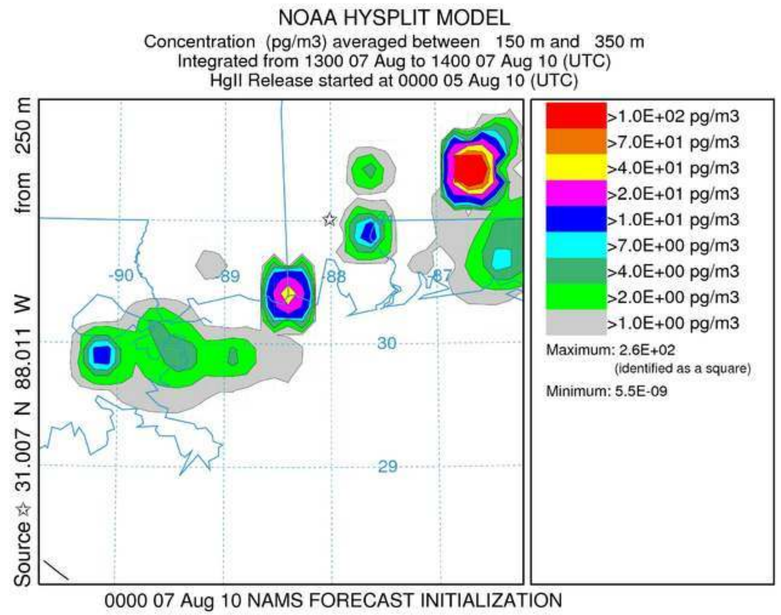


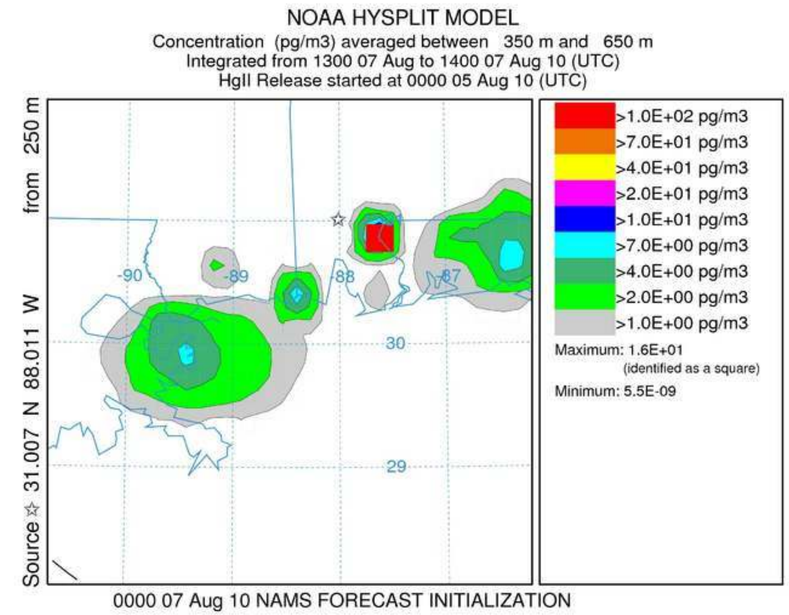


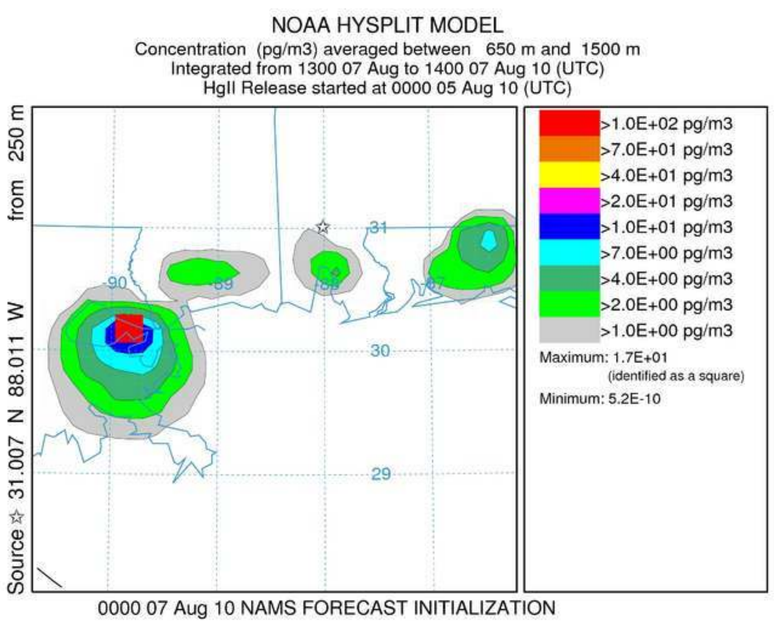
(a) Mercury emissions included in 2002 NEI , but do not appear to be in 2000-2008 TRI
(b) Mercury emissions included in 2002 NEI but incineration ceased in January 2001
(c) Significant mercury emissions in 2002 NEI, but negligible emissions reported in 2008 TRI
(d) Scrubber installed Dec 2009 that reduced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

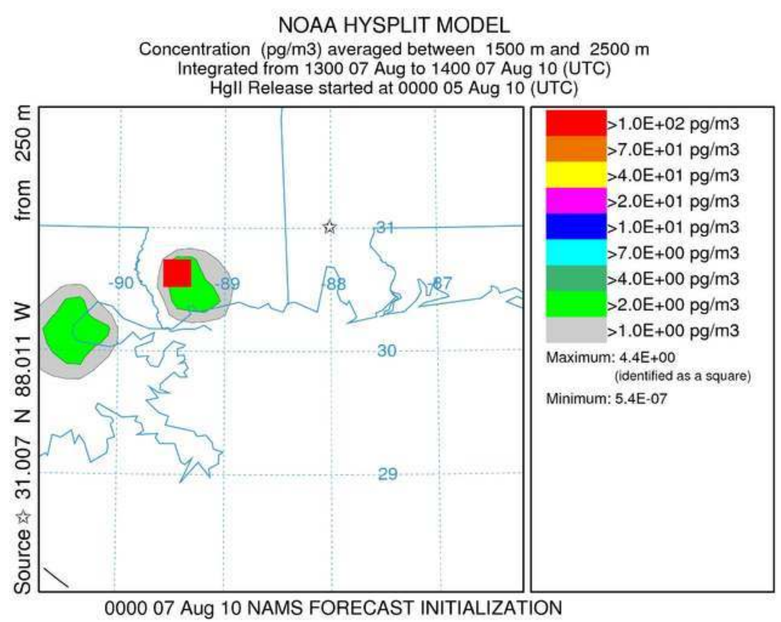
Location of the Grand Bay NERR sampling site, along with large point sources of Reactive Gaseous Mercury in the region, based on the EPA's 2002 National Emissions Inventory

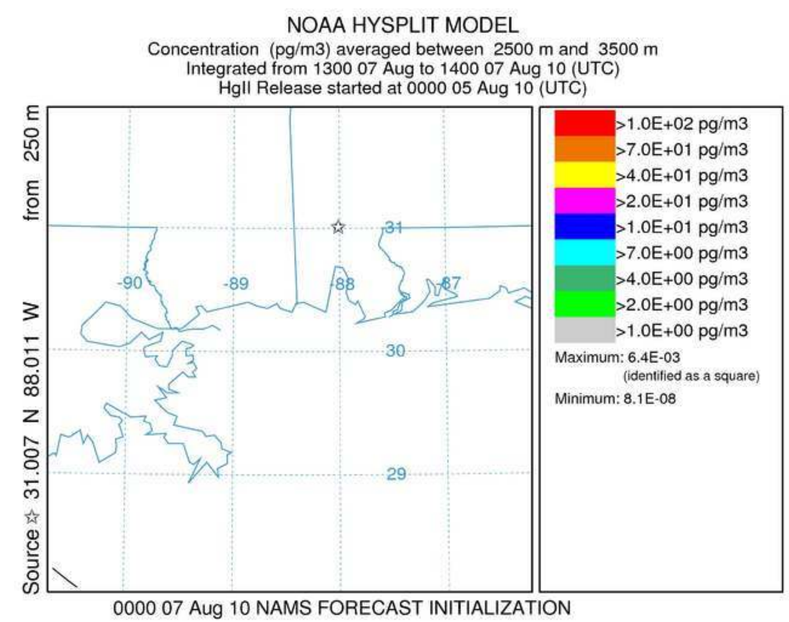

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1300 07 Aug to 1400 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
-90
-89
-88
-87
30
29
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>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: 5.5E-09
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

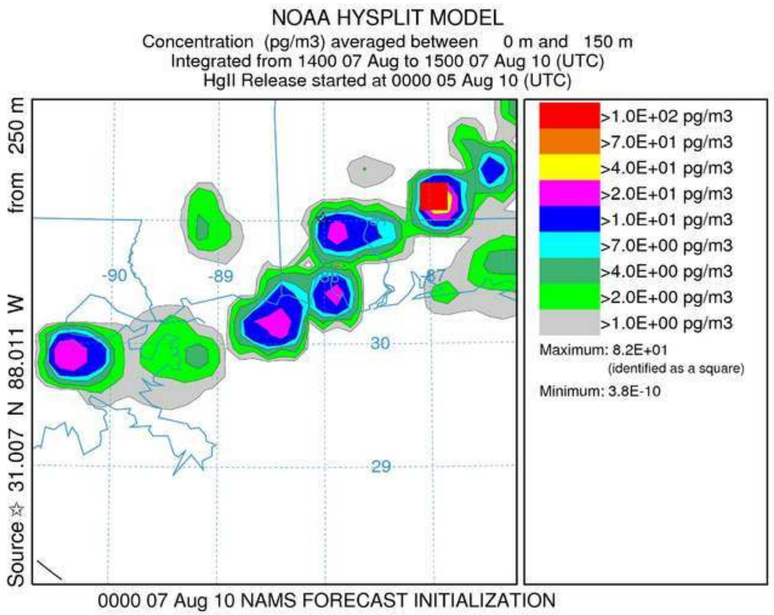

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1300 07 Aug to 1400 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
-90
-89
-88
-87
30
29
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>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: 5.5E-09
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

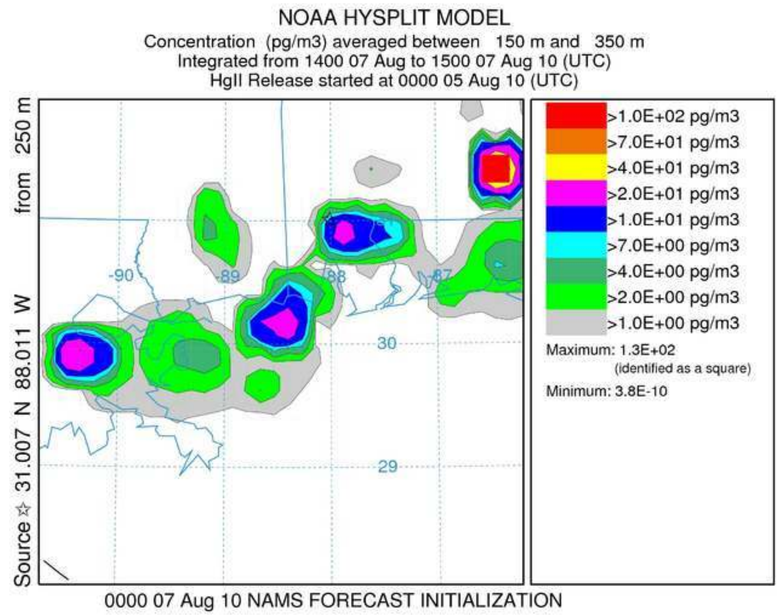

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1300 07 Aug to 1400 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
-90
-89
-88
-87
30
29
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.6E+01
(identified as a square)
Minimum: 5.5E-09
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

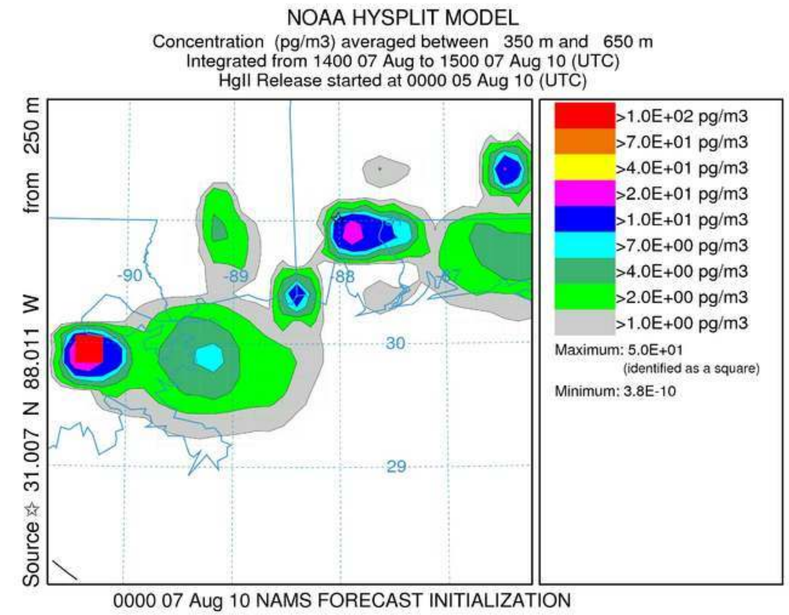

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1300 07 Aug to 1400 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
-90
-89
-88
-87
31
30
29
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.7E+01
(identified as a square)
Minimum: 5.2E-10
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

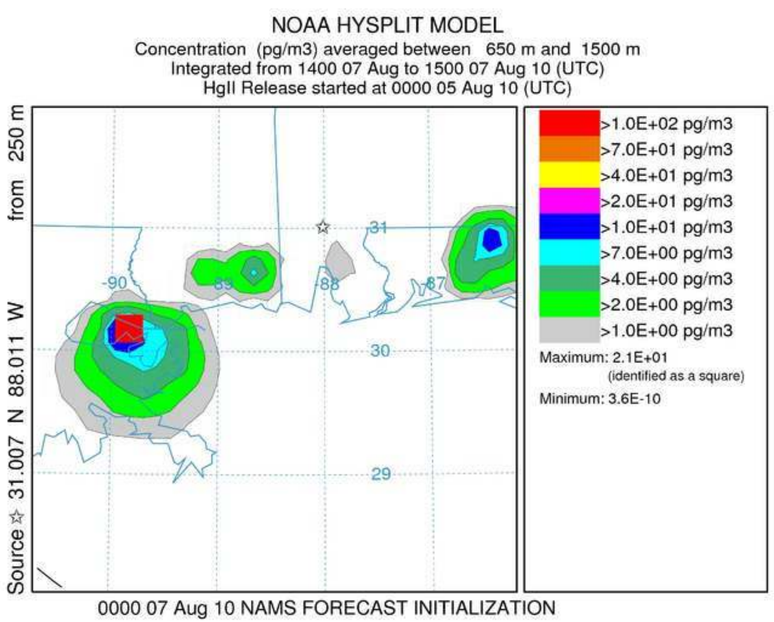

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1300 07 Aug to 1400 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
-90
-89
-88
-87
31
30
29
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 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+00
(identified as a square)
Minimum: 5.4E-07
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

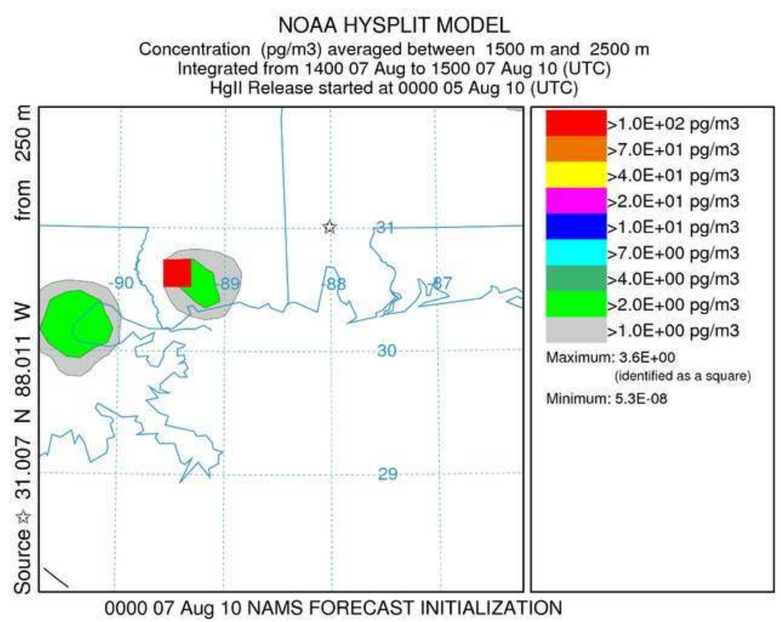

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1300 07 Aug to 1400 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
-90
-89
-88
-87
31
30
29
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 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-03
(identified as a square)
Minimum: 8.1E-08
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

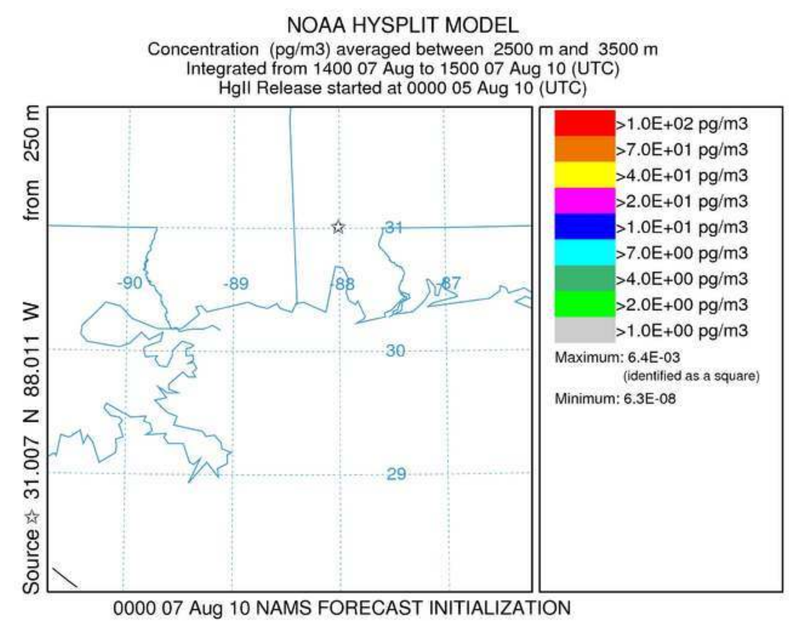

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1400 07 Aug to 1500 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 8.2E+01
(identified as a square)
Minimum: 3.8E-10
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

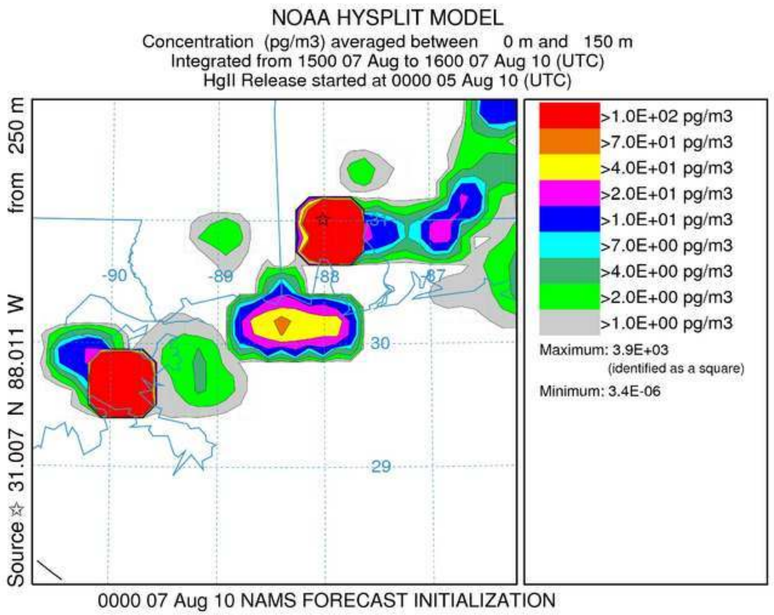

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1400 07 Aug to 1500 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.3E+02
(identified as a square)
Minimum: 3.8E-10
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

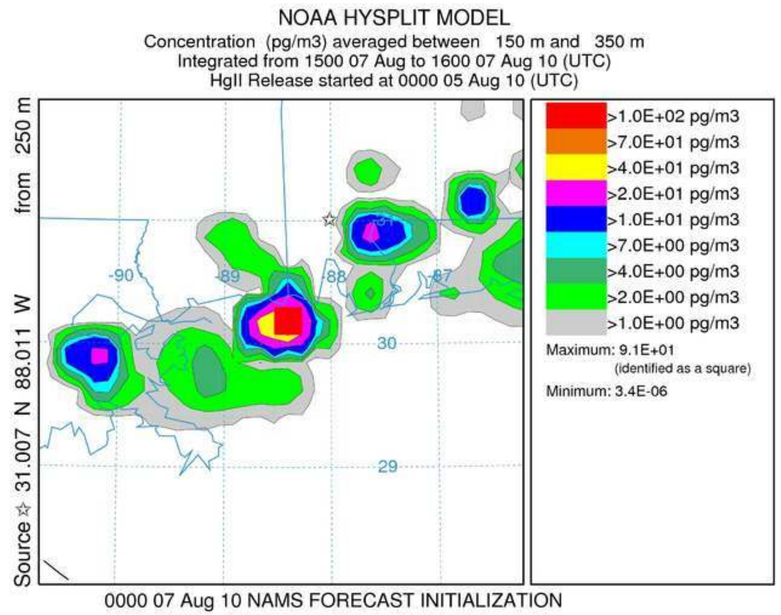

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1400 07 Aug to 1500 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 5.0E+01
(identified as a square)
Minimum: 3.8E-10
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

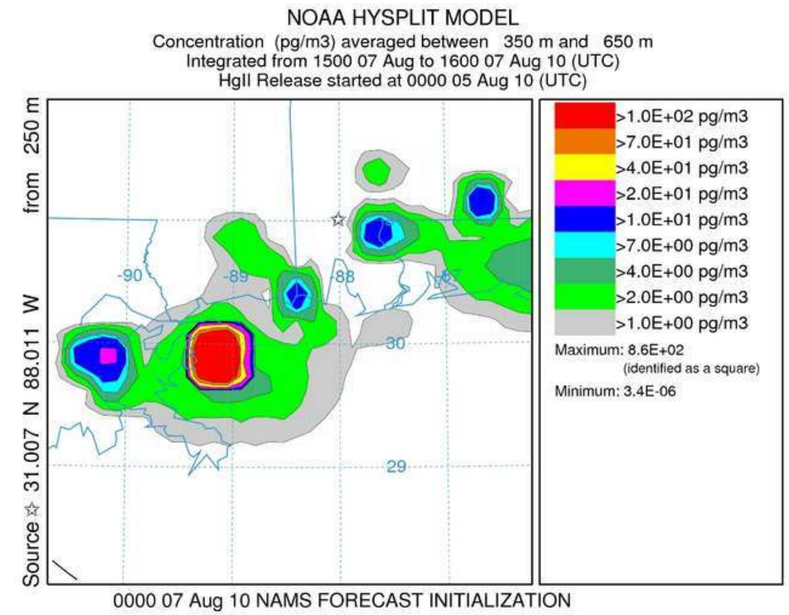

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1400 07 Aug to 1500 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 2.1E+01
(identified as a square)
Minimum: 3.6E-10
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

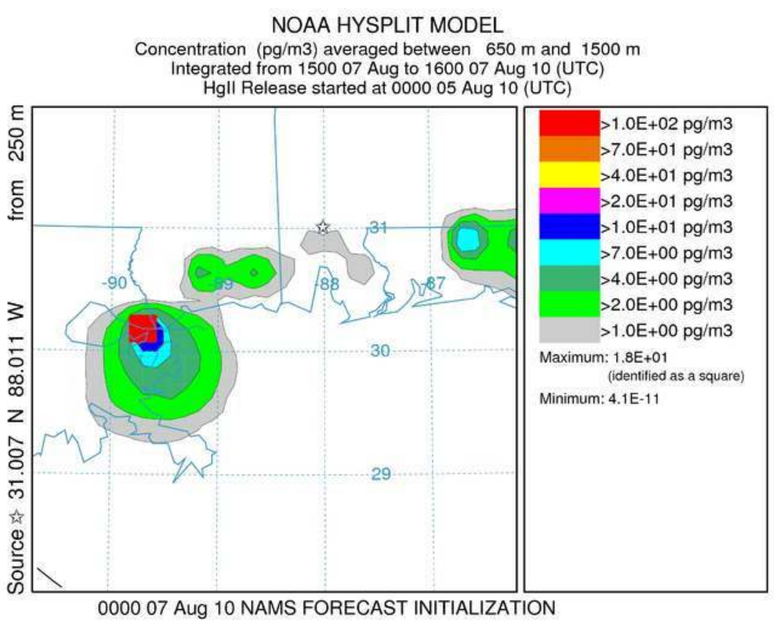

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1400 07 Aug to 1500 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 3.6E+00
(identified as a square)
Minimum: 5.3E-08
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

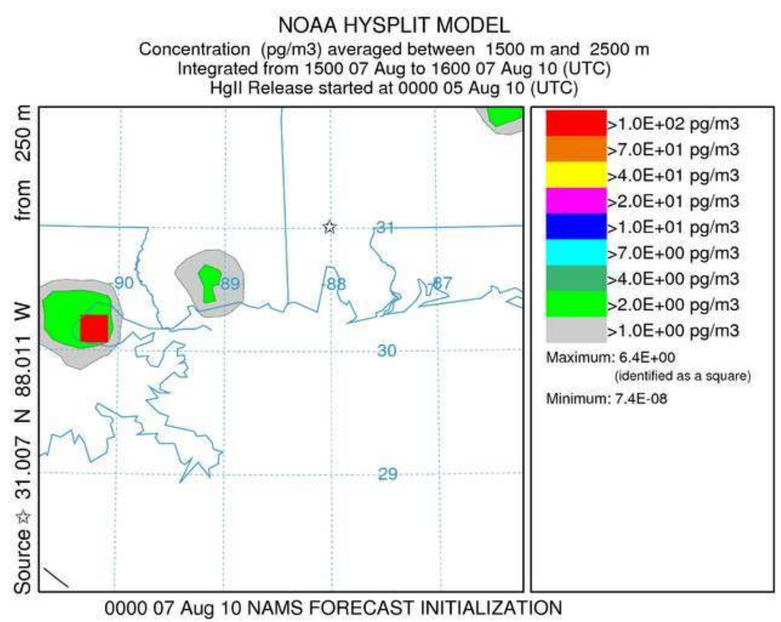

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1400 07 Aug to 1500 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 6.4E-03
(identified as a square)
Minimum: 6.3E-08
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

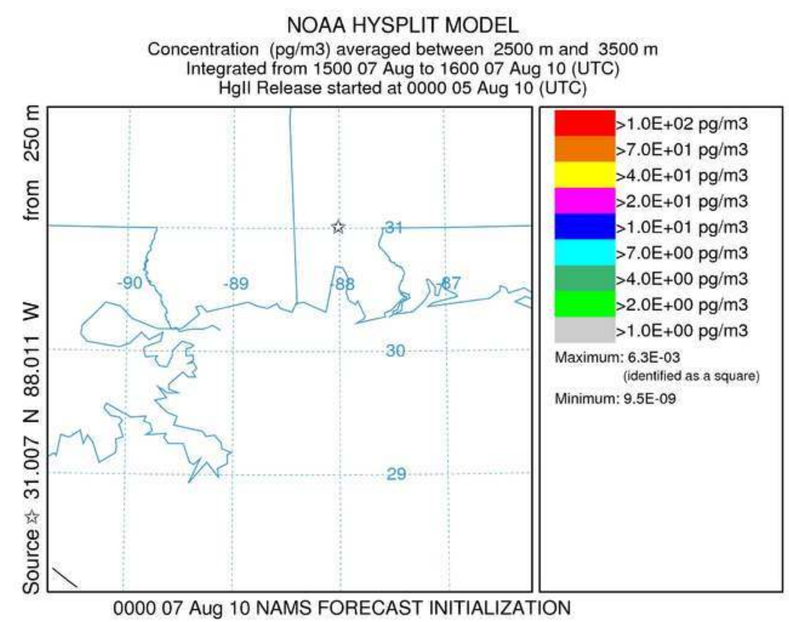

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1500 07 Aug to 1600 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 3.9E+03
(identified as a square)
Minimum: 3.4E-06
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

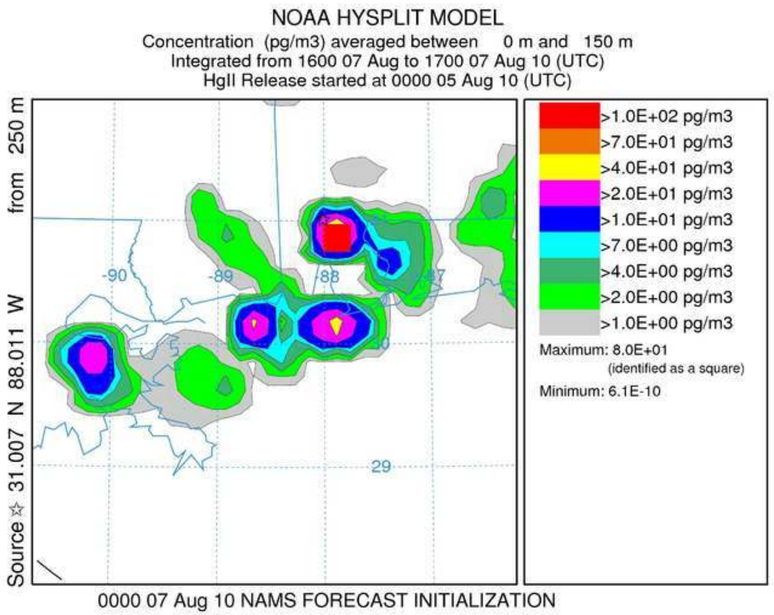

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1500 07 Aug to 1600 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 9.1E+01
(identified as a square)
Minimum: 3.4E-06
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

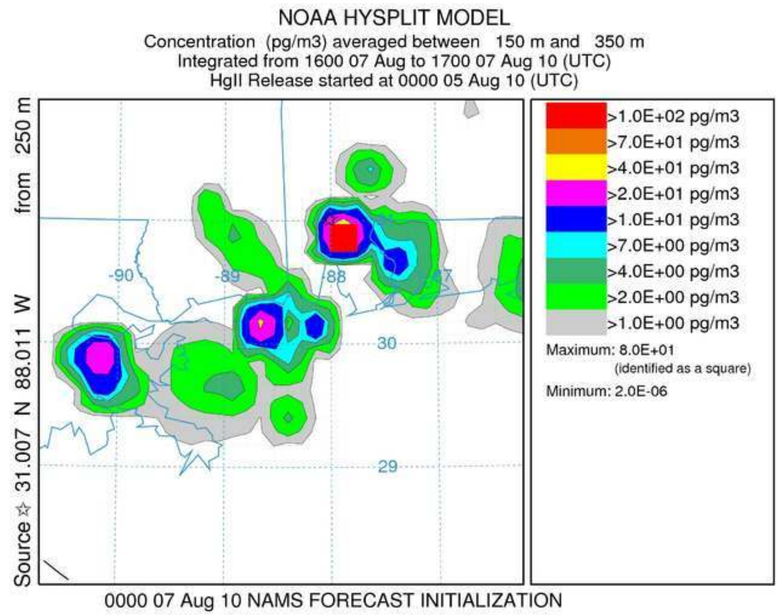

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1500 07 Aug to 1600 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 8.6E+02
(identified as a square)
Minimum: 3.4E-06
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

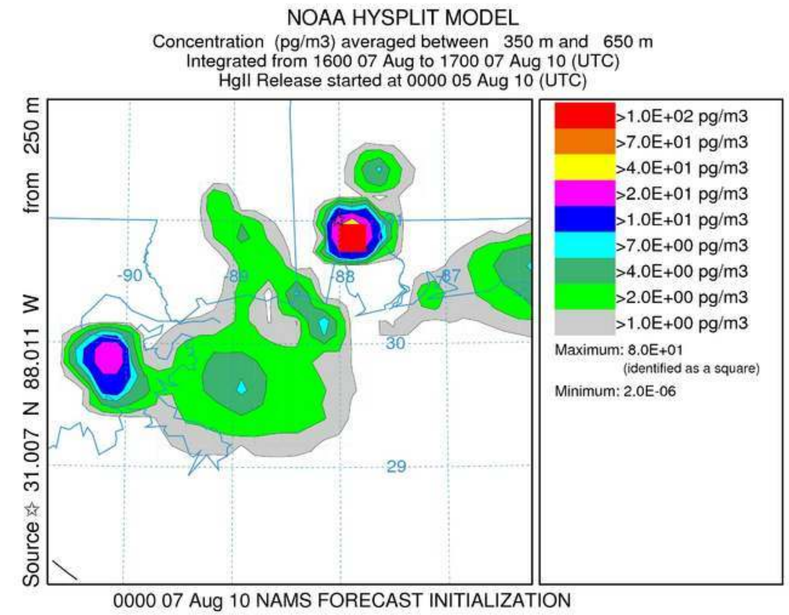

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1500 07 Aug to 1600 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.8E+01
(identified as a square)
Minimum: 4.1E-11
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

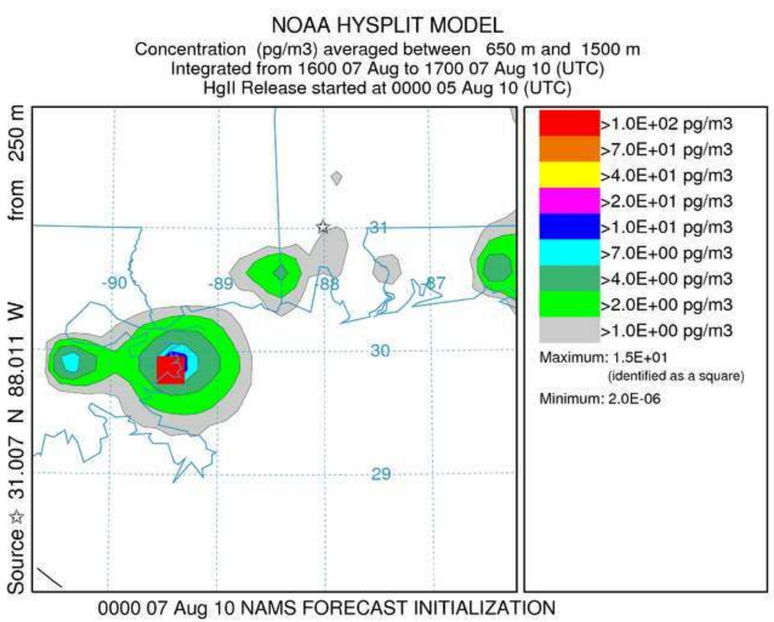

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1500 07 Aug to 1600 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 6.4E+00
(identified as a square)
Minimum: 7.4E-08
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

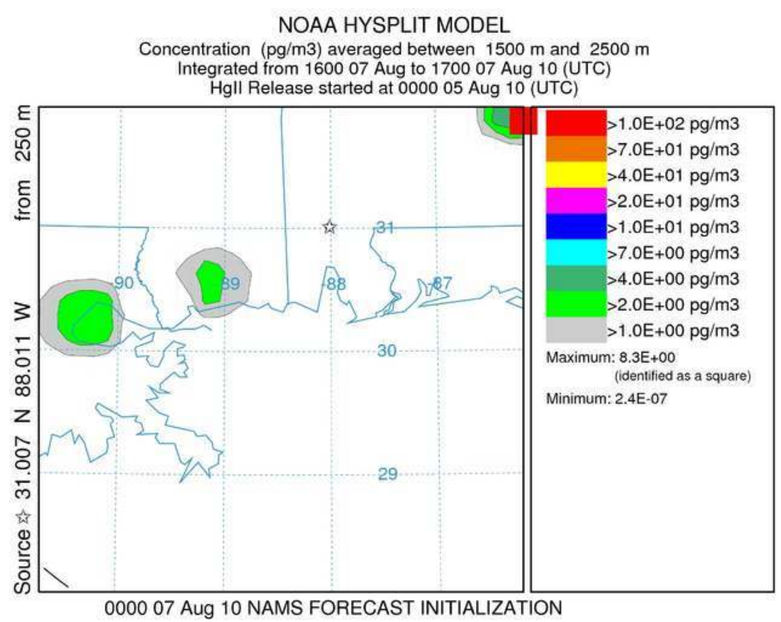

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1500 07 Aug to 1600 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 6.3E-03
(identified as a square)
Minimum: 9.5E-09
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

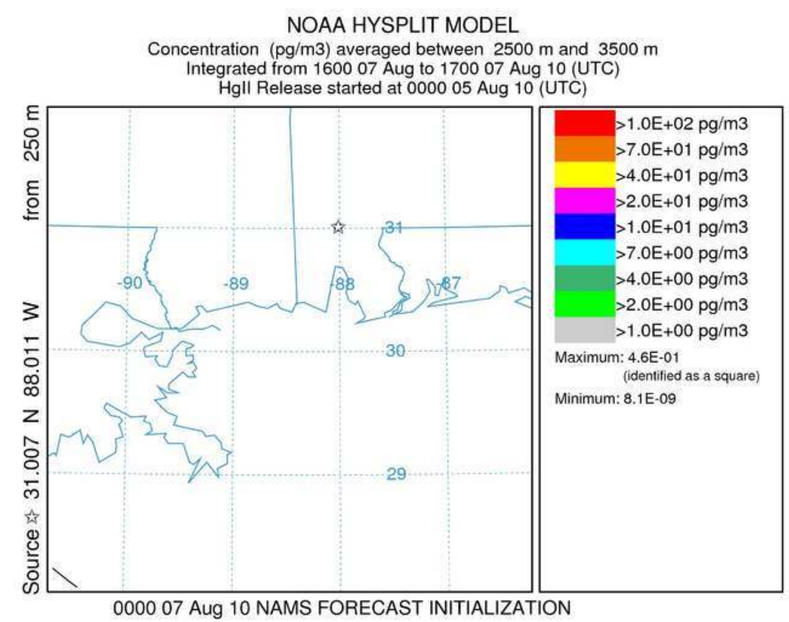

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1600 07 Aug to 1700 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 8.0E+01
(identified as a square)
Minimum: 6.1E-10
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

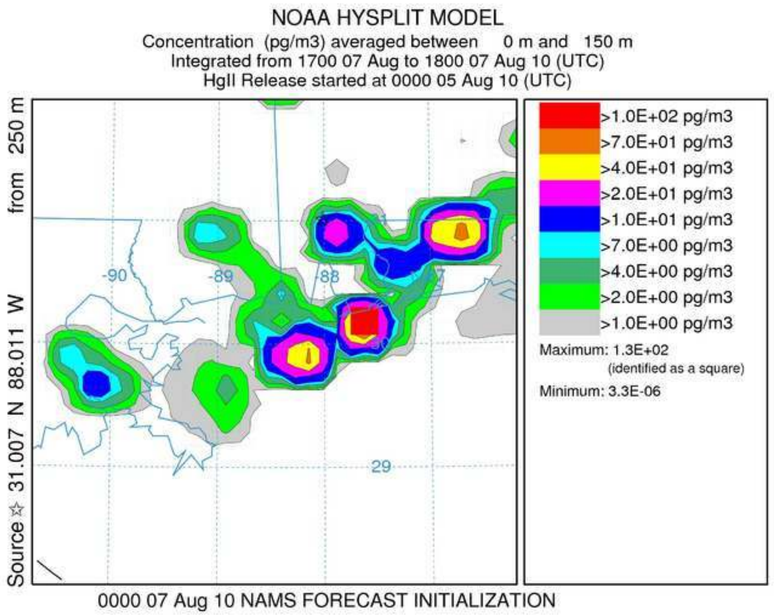

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1600 07 Aug to 1700 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 8.0E+01
(identified as a square)
Minimum: 2.0E-06
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

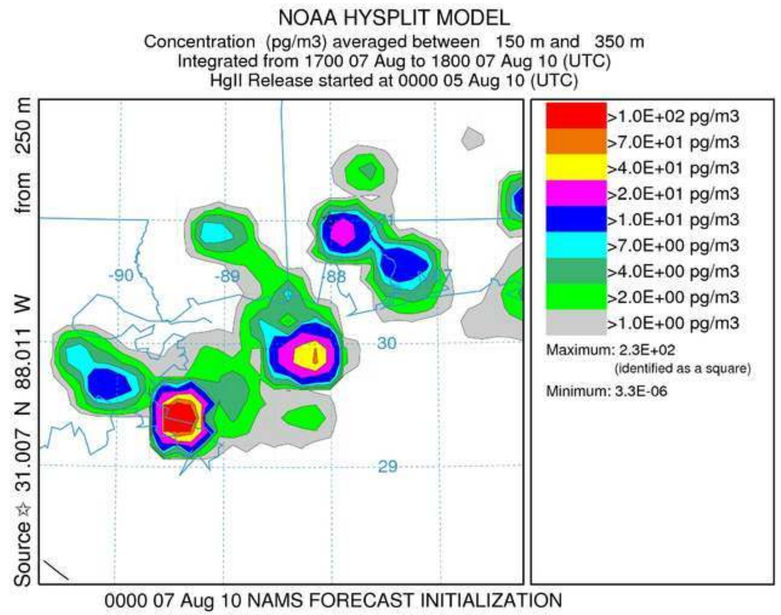

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1600 07 Aug to 1700 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 8.0E+01
(identified as a square)
Minimum: 2.0E-06
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

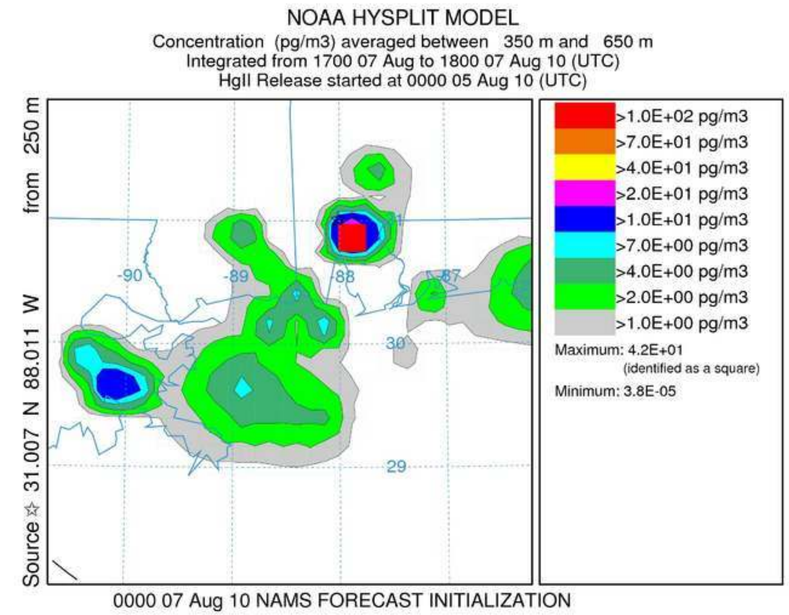

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1600 07 Aug to 1700 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.5E+01
(identified as a square)
Minimum: 2.0E-06
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

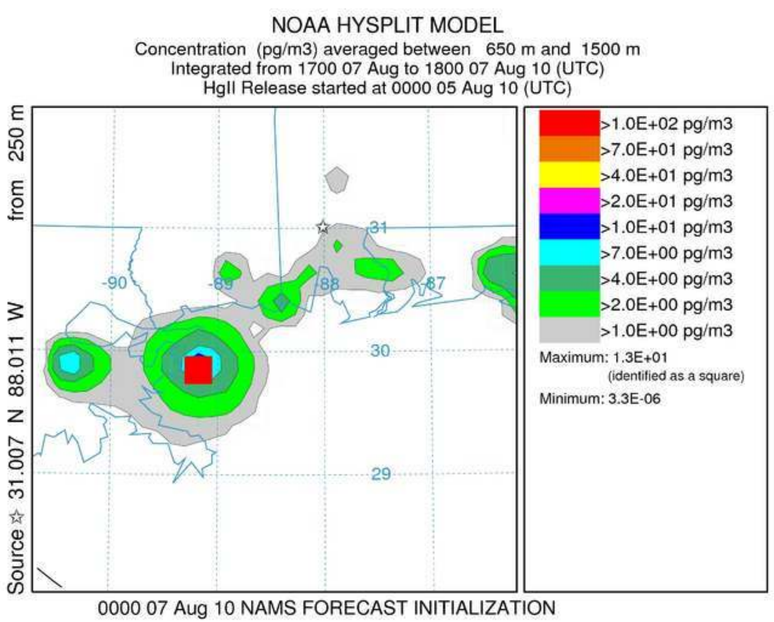

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1600 07 Aug to 1700 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 8.3E+00
(identified as a square)
Minimum: 2.4E-07
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

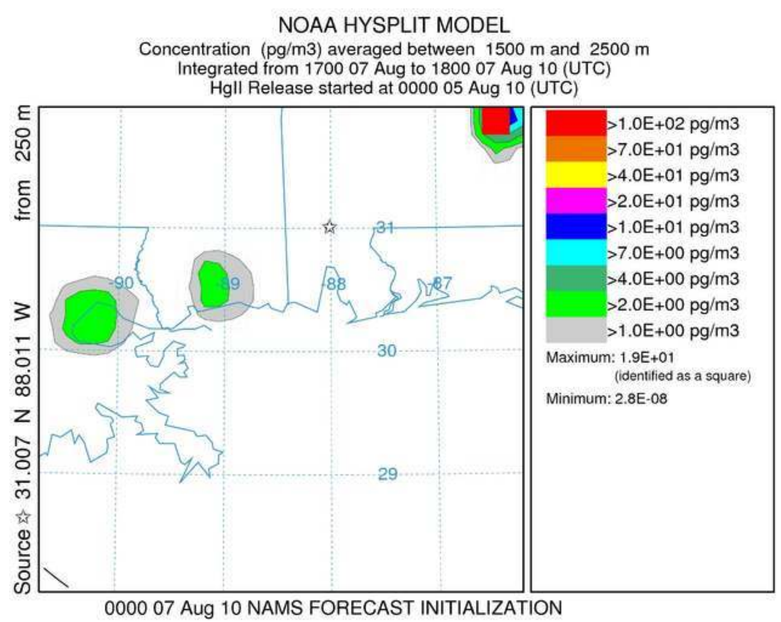

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1600 07 Aug to 1700 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.6E-01
(identified as a square)
Minimum: 8.1E-09
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

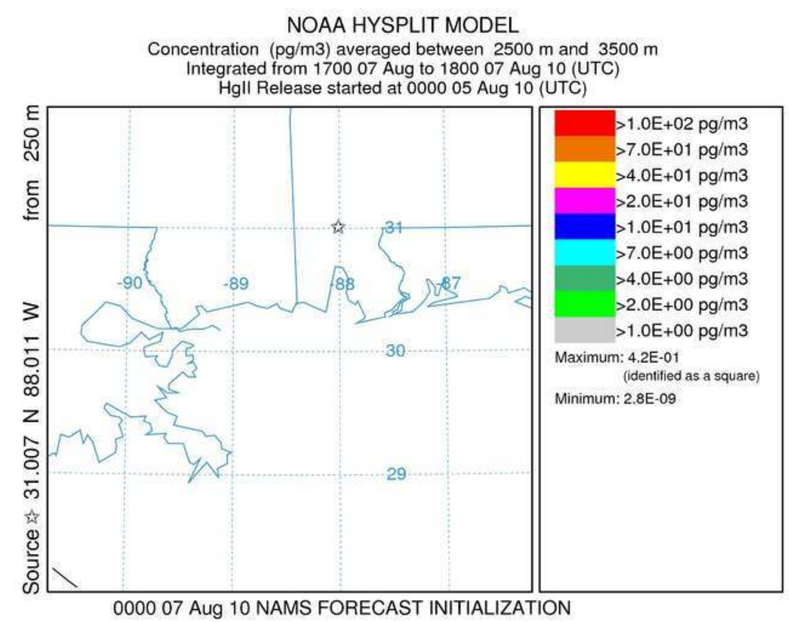

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1700 07 Aug to 1800 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.3E+02
(identified as a square)
Minimum: 3.3E-06
0000 07 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1700 07 Aug to 1800 07 Aug 10 (UTC)
HgII Release started at 0000 05 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: 2.3E+02
(identified as a square)
Minimum: 3.3E-06
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

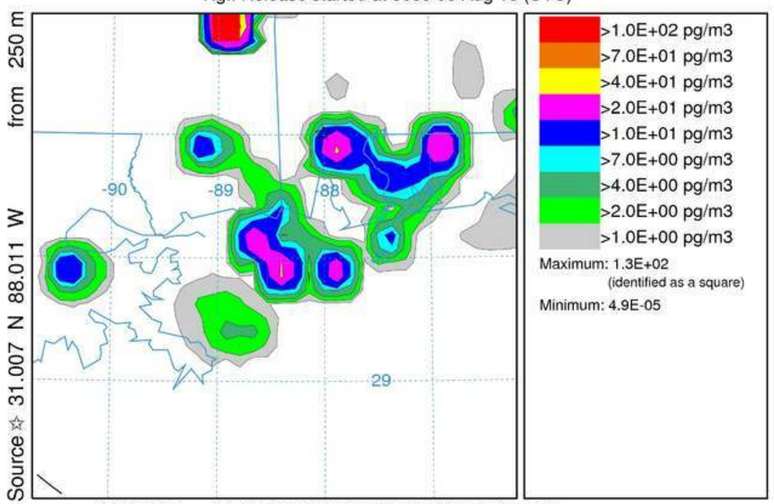

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1700 07 Aug to 1800 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.2E+01
(identified as a square)
Minimum: 3.8E-05
0000 07 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1700 07 Aug to 1800 07 Aug 10 (UTC)
HgII Release started at 0000 05 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+01
(identified as a square)
Minimum: 3.3E-06
0000 07 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1700 07 Aug to 1800 07 Aug 10 (UTC)
HgII Release started at 0000 05 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: 1.9E+01
(identified as a square)
Minimum: 2.8E-08
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

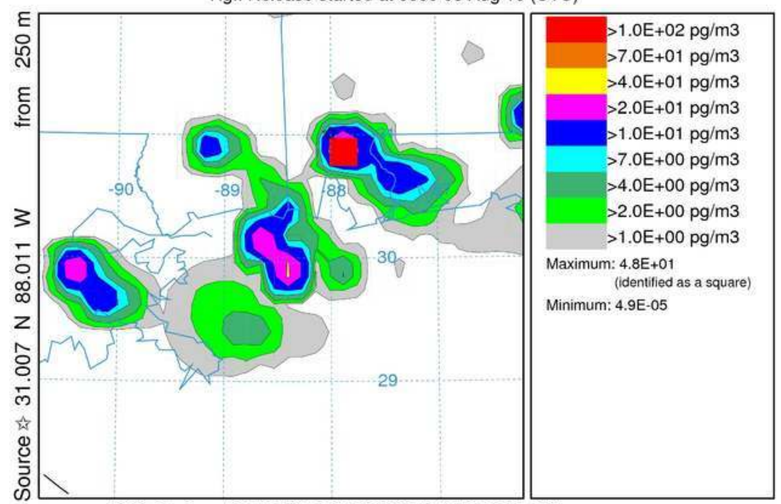

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1700 07 Aug to 1800 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.2E-01
(identified as a square)
Minimum: 2.8E-09
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1800 07 Aug to 1900 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



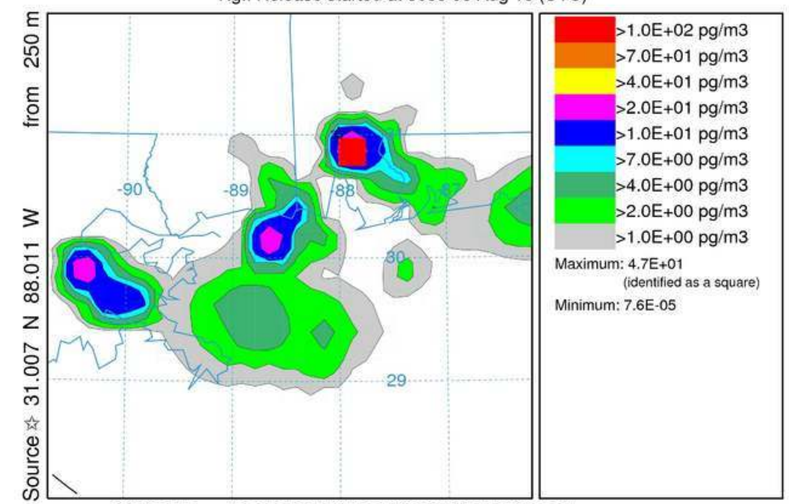
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1800 07 Aug to 1900 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



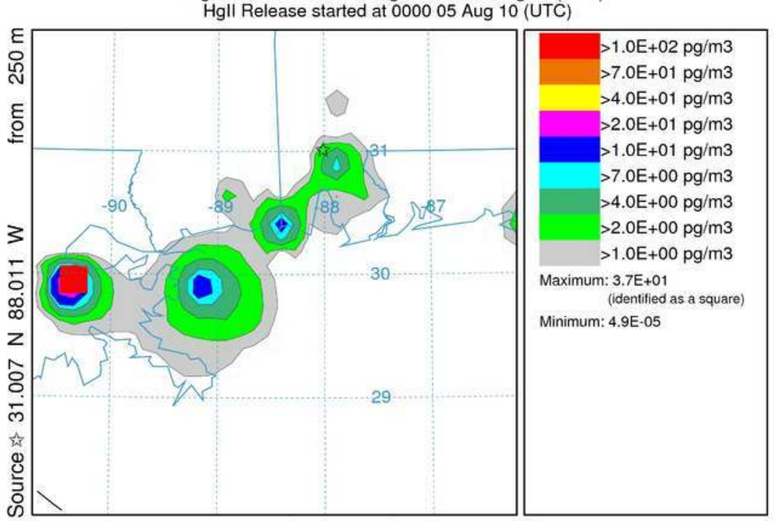
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1800 07 Aug to 1900 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



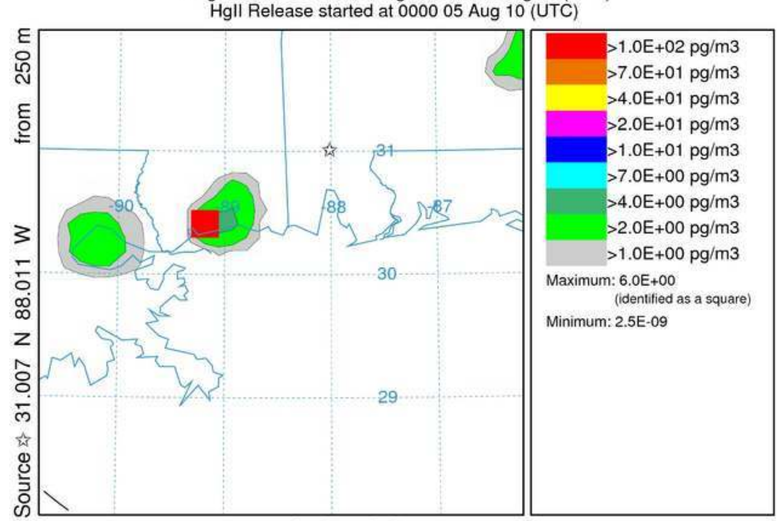
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1800 07 Aug to 1900 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



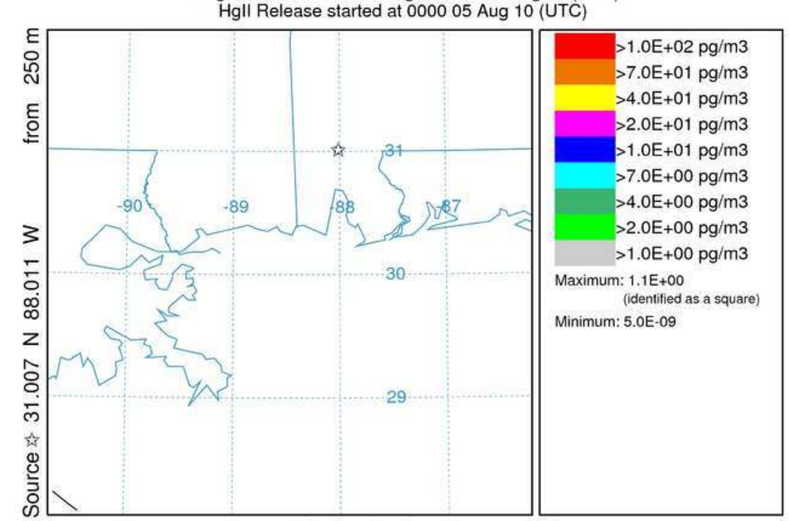
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1800 07 Aug to 1900 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)

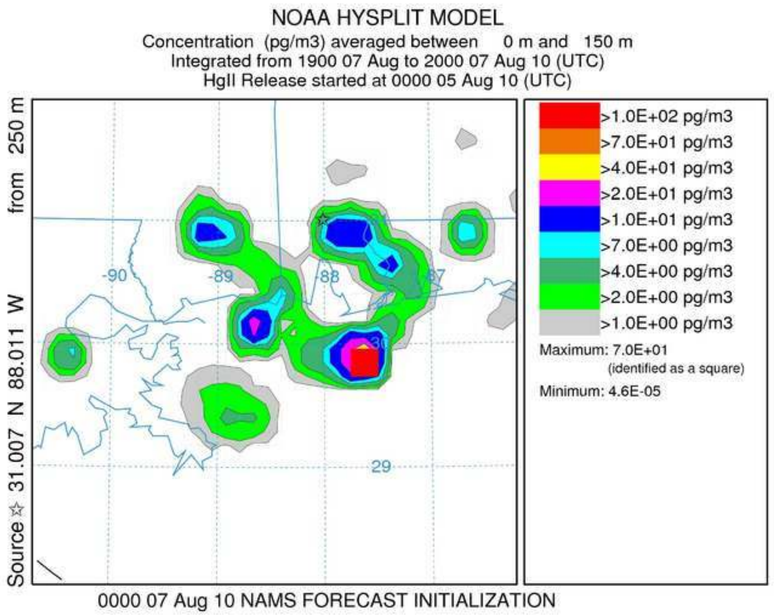


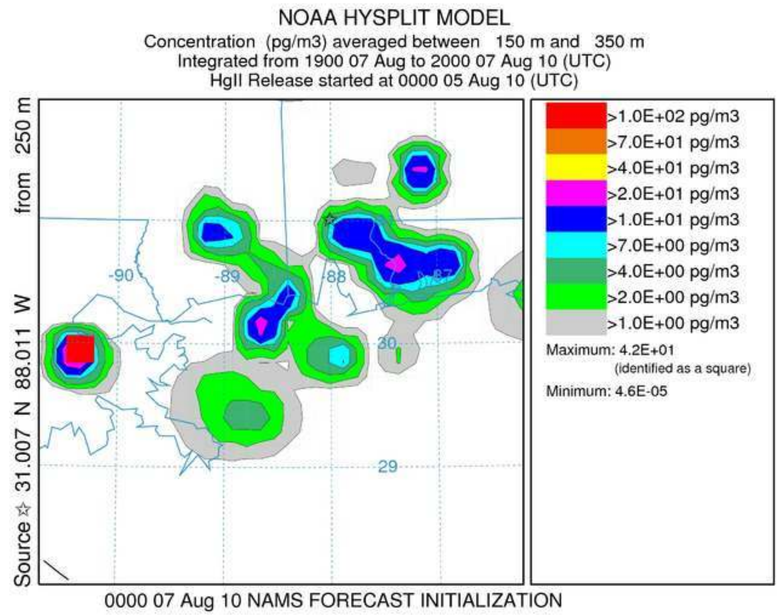
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

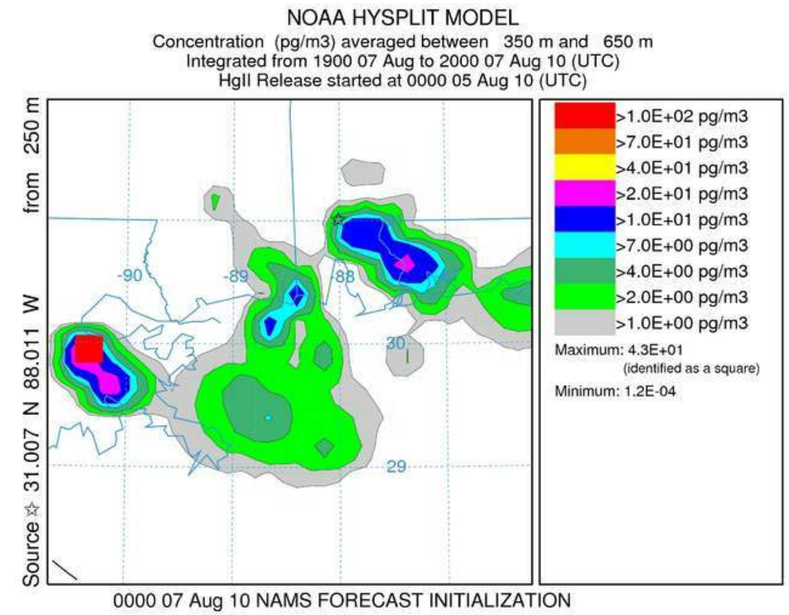
NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1800 07 Aug to 1900 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)

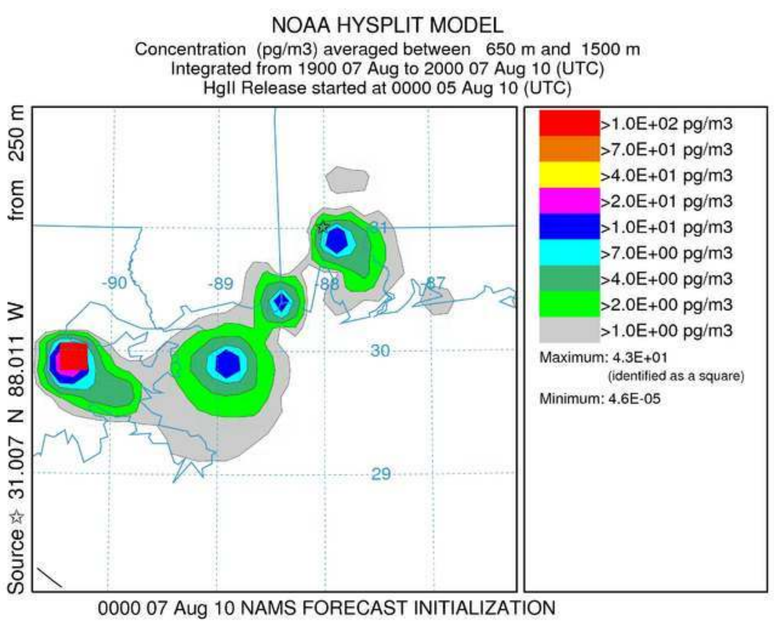


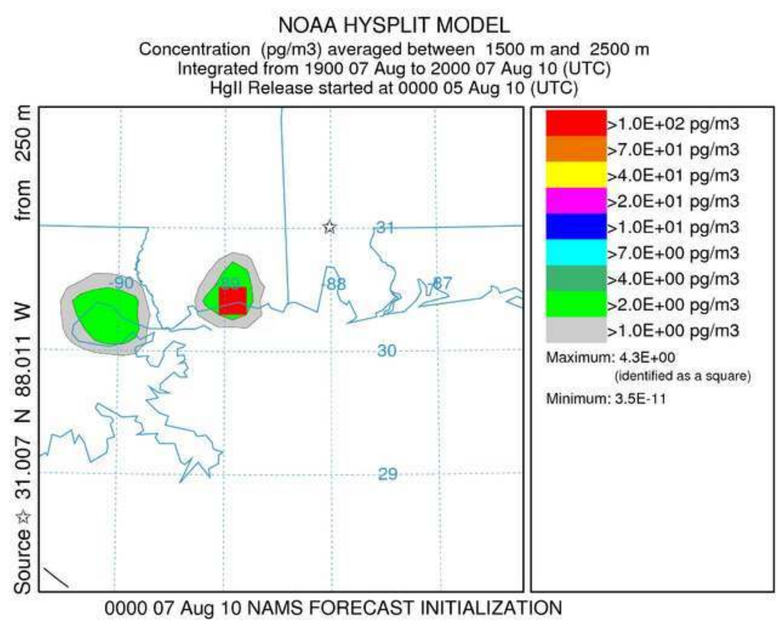
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

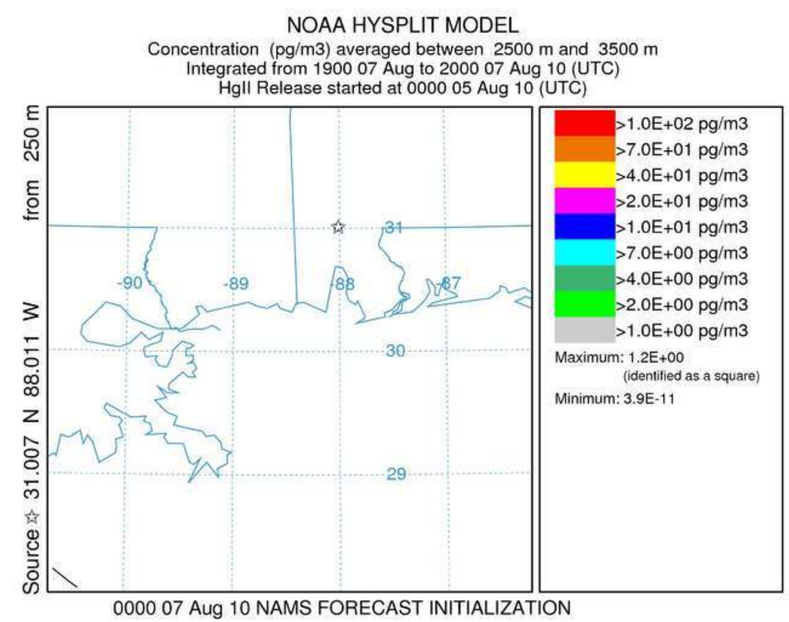

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 1900 07 Aug to 2000 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 7.0E+01
(identified as a square)
Minimum: 4.6E-05
0000 07 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 1900 07 Aug to 2000 07 Aug 10 (UTC)
HgII Release started at 0000 05 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: 4.2E+01
(identified as a square)
Minimum: 4.6E-05
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

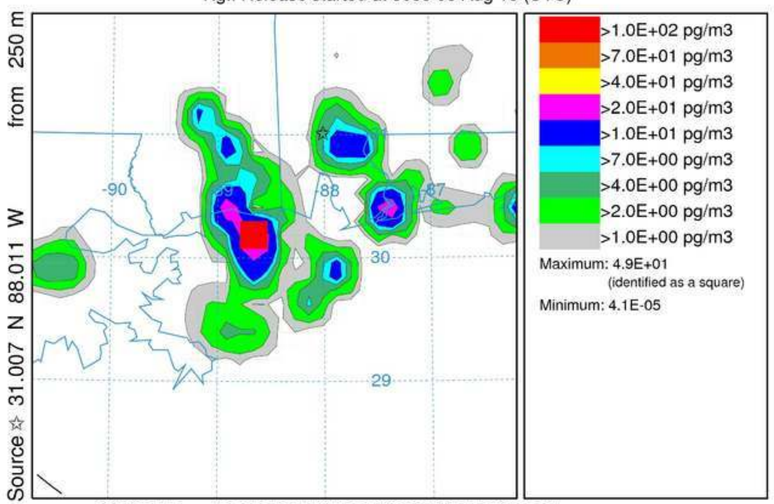

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 1900 07 Aug to 2000 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.3E+01
(identified as a square)
Minimum: 1.2E-04
0000 07 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 1900 07 Aug to 2000 07 Aug 10 (UTC)
HgII Release started at 0000 05 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: 4.6E-05
0000 07 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 1900 07 Aug to 2000 07 Aug 10 (UTC)
HgII Release started at 0000 05 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+00
(identified as a square)
Minimum: 3.5E-11
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

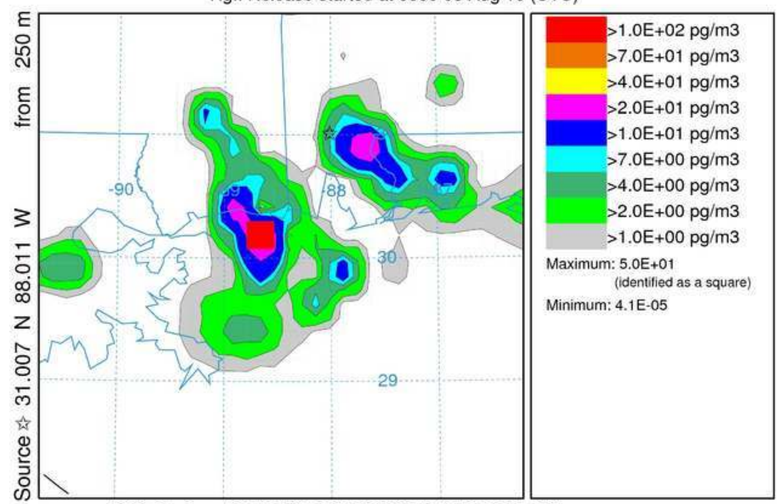

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 1900 07 Aug to 2000 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.2E+00
(identified as a square)
Minimum: 3.9E-11
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 2000 07 Aug to 2100 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



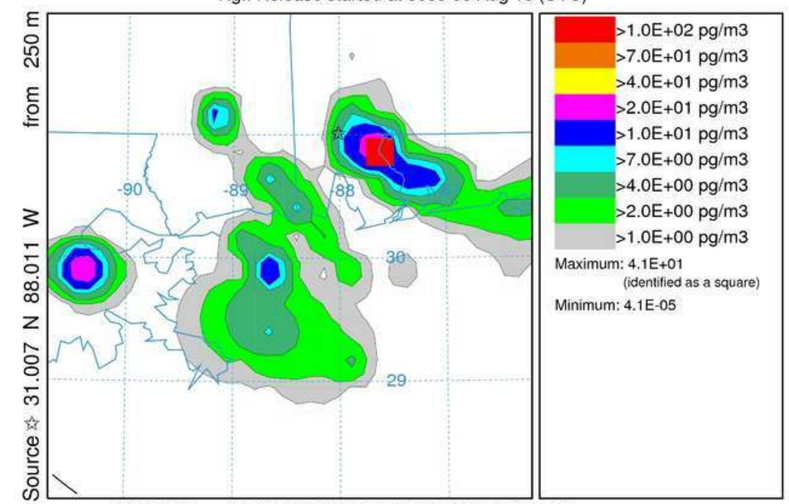
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 2000 07 Aug to 2100 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



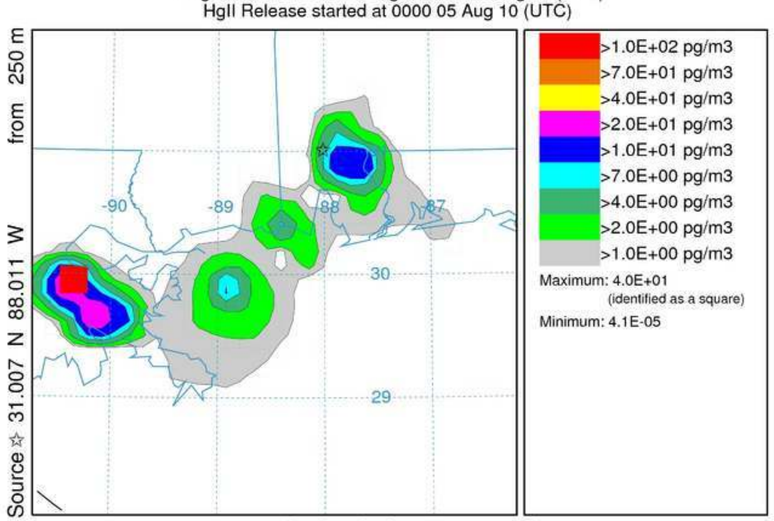
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 2000 07 Aug to 2100 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



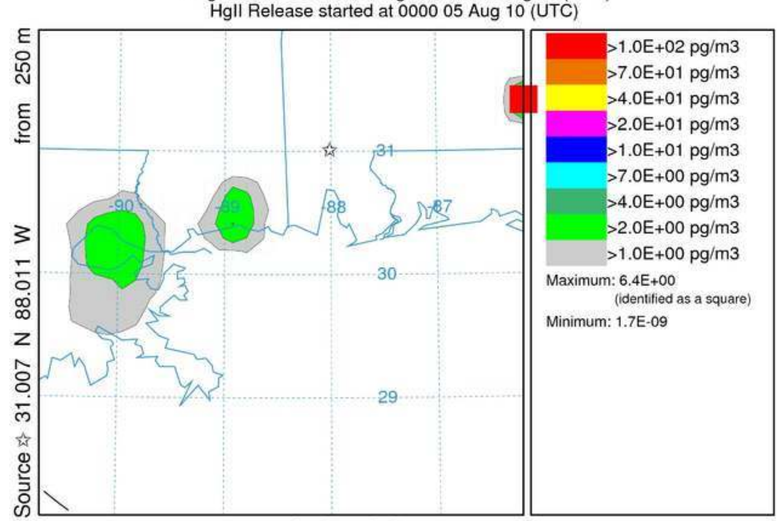
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 2000 07 Aug to 2100 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



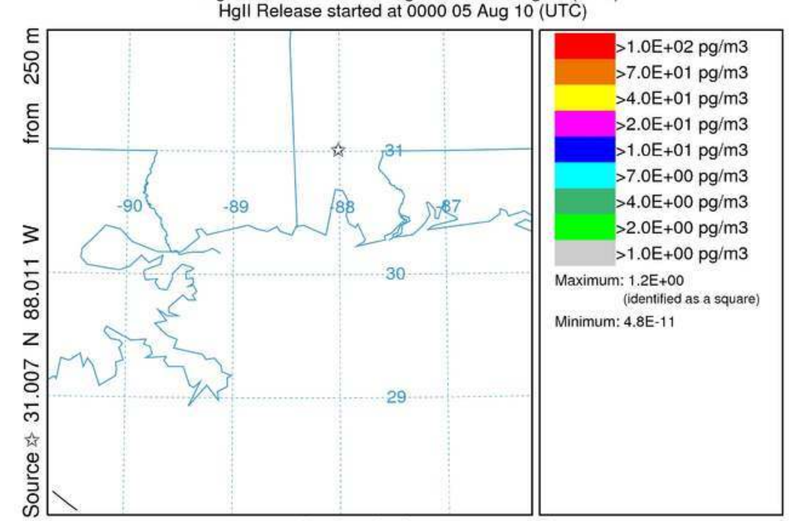
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 2000 07 Aug to 2100 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



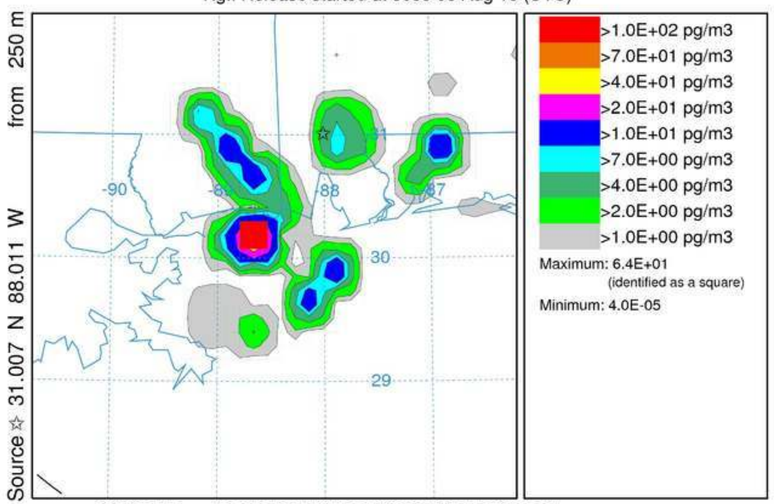
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 2000 07 Aug to 2100 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



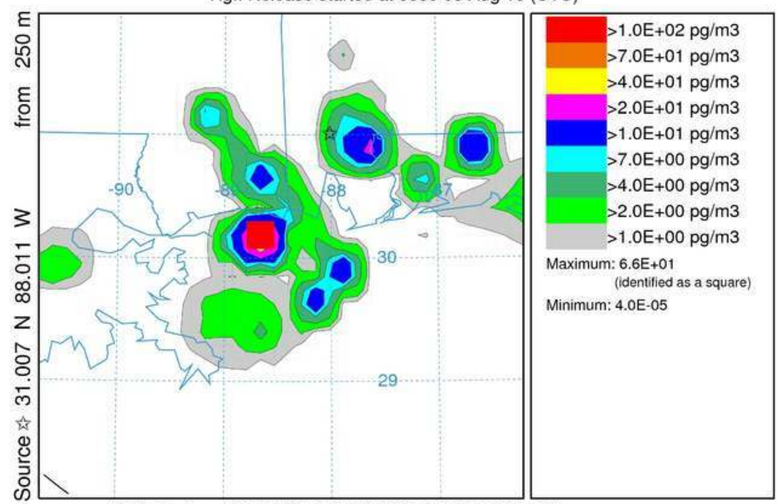
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 2100 07 Aug to 2200 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



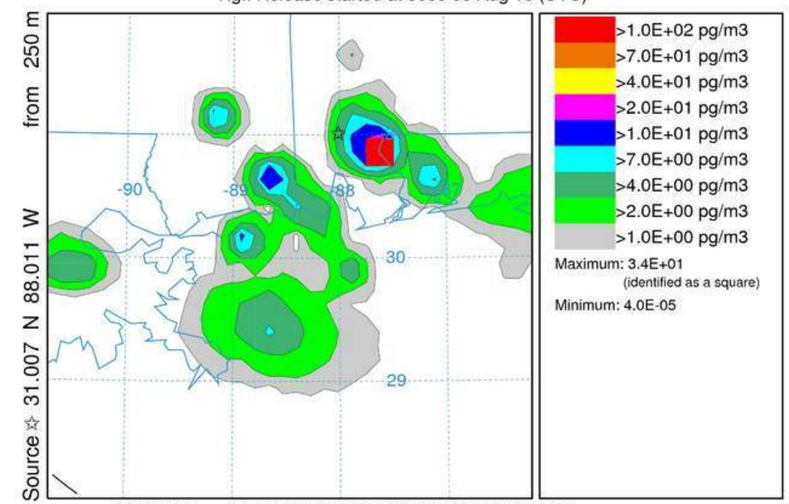
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 2100 07 Aug to 2200 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



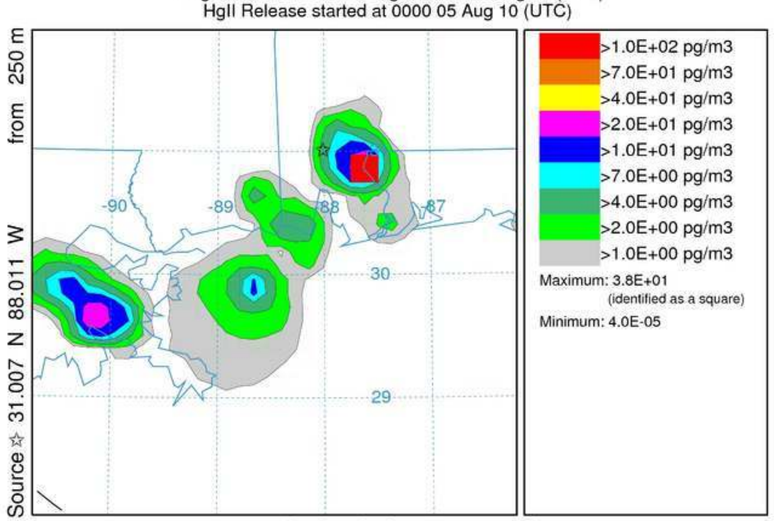
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 2100 07 Aug to 2200 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



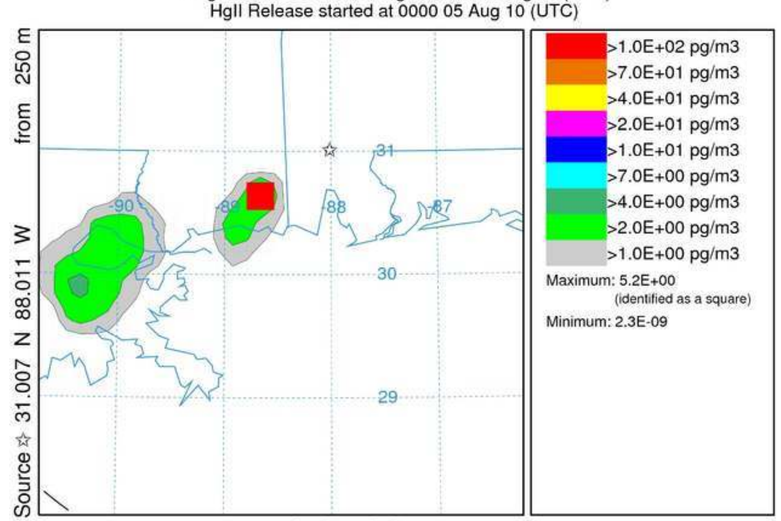
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 2100 07 Aug to 2200 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



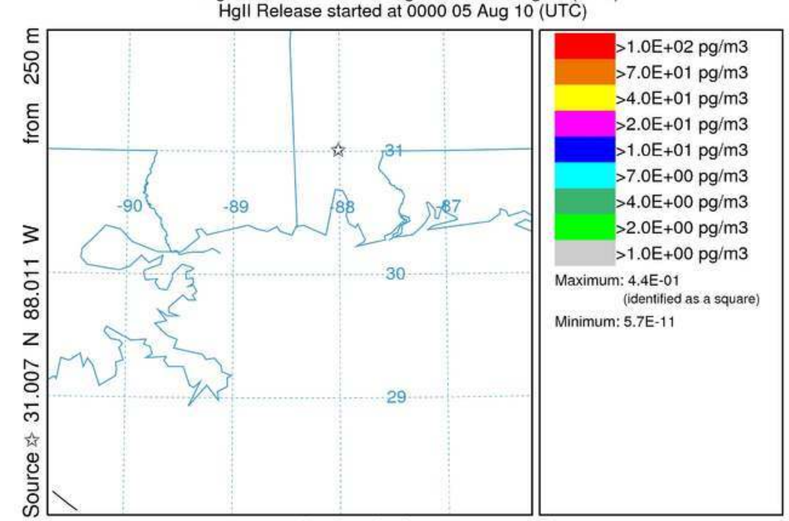
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 2100 07 Aug to 2200 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)

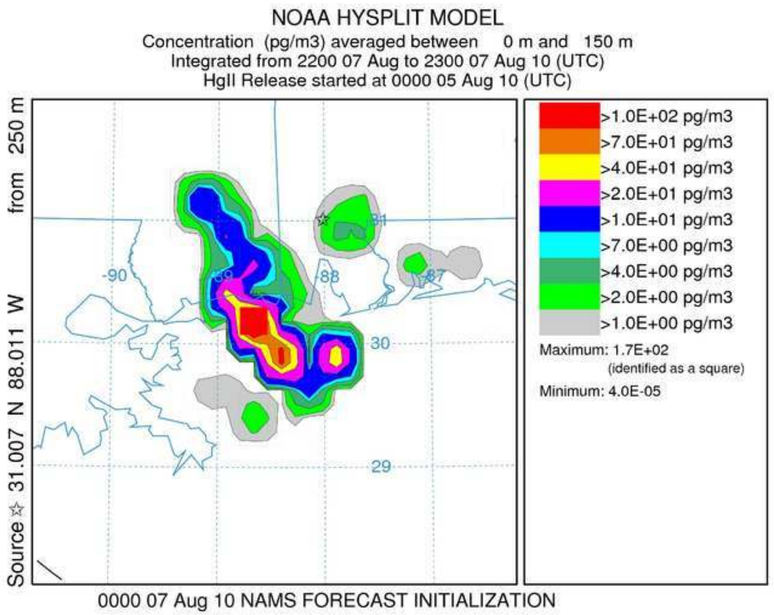


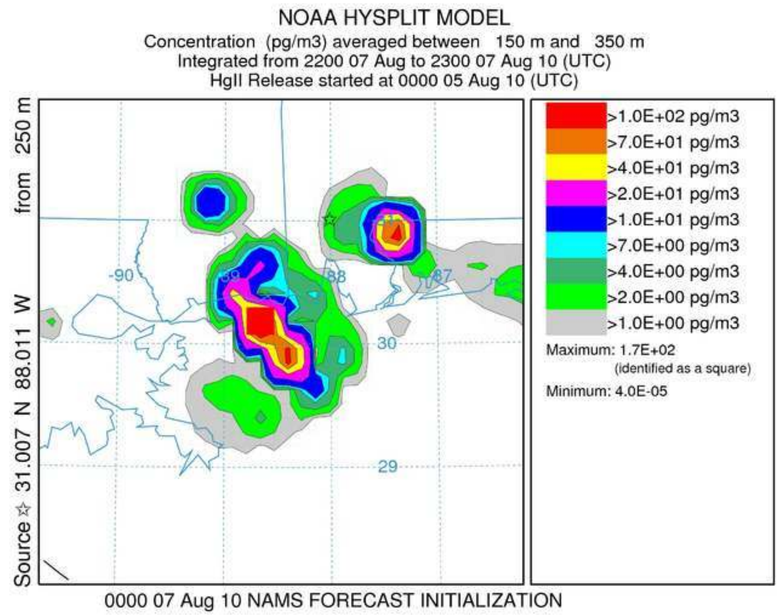
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

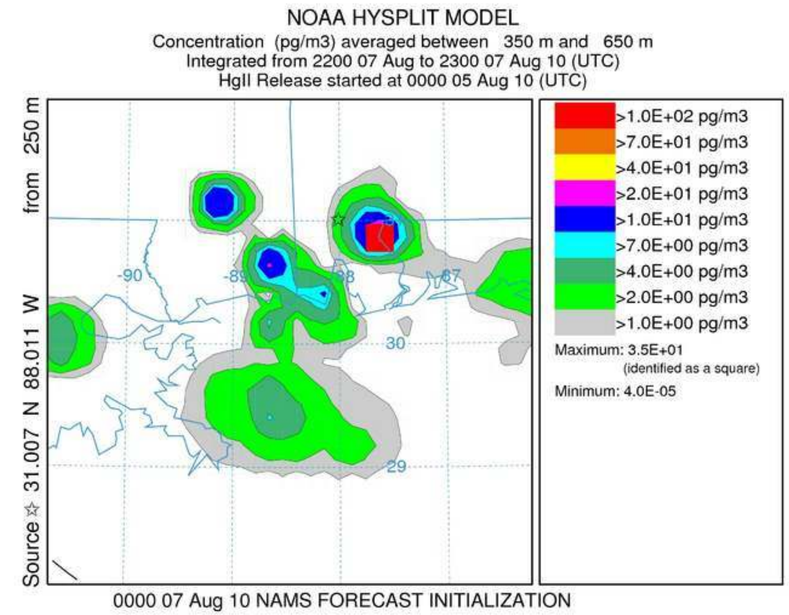
NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 2100 07 Aug to 2200 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)

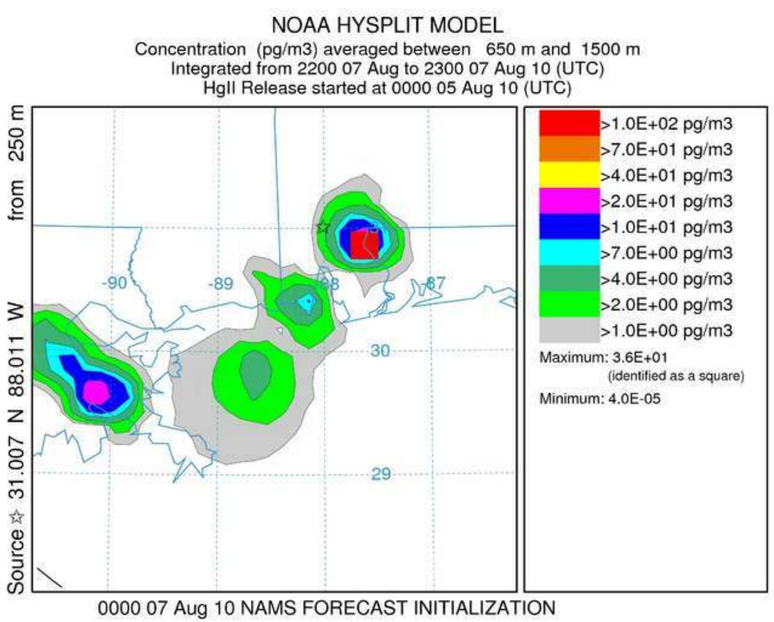


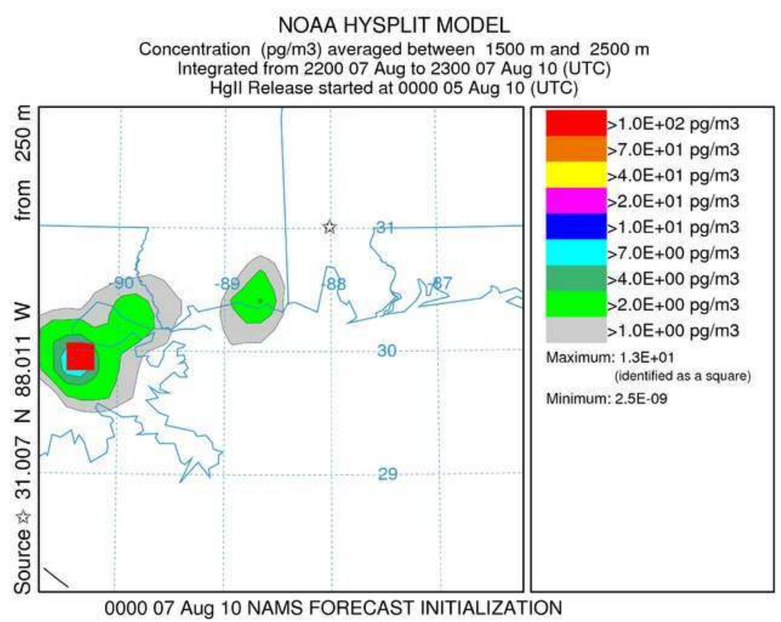
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

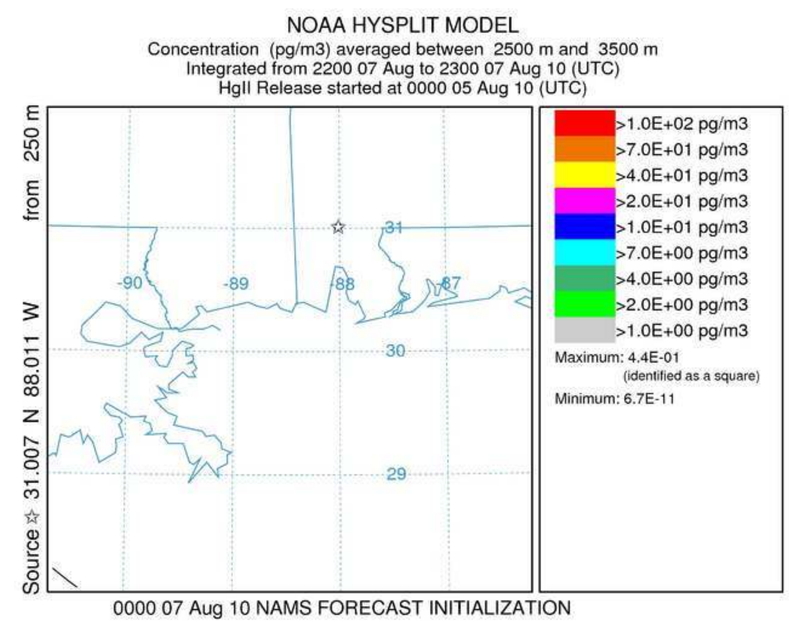

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 2200 07 Aug to 2300 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 1.7E+02
(identified as a square)
Minimum: 4.0E-05
0000 07 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 2200 07 Aug to 2300 07 Aug 10 (UTC)
HgII Release started at 0000 05 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: 1.7E+02
(identified as a square)
Minimum: 4.0E-05
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

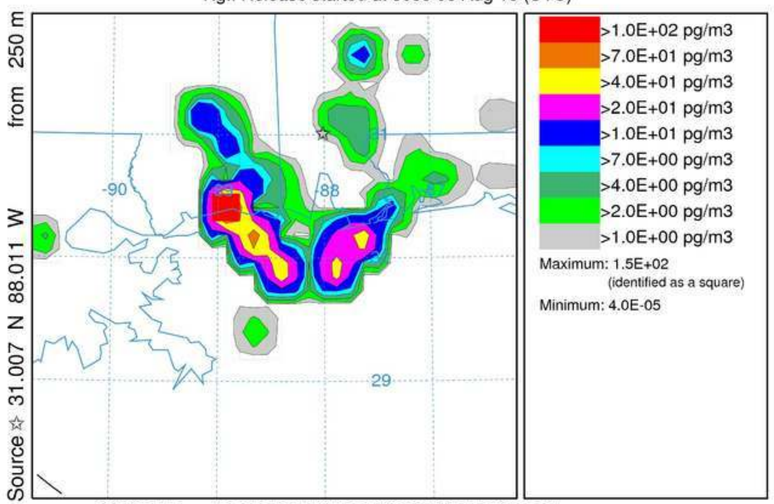

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 2200 07 Aug to 2300 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 3.5E+01
(identified as a square)
Minimum: 4.0E-05
0000 07 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 2200 07 Aug to 2300 07 Aug 10 (UTC)
HgII Release started at 0000 05 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: 4.0E-05
0000 07 Aug 10 NAMS FORECAST INITIALIZATION


NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 2200 07 Aug to 2300 07 Aug 10 (UTC)
HgII Release started at 0000 05 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+01
(identified as a square)
Minimum: 2.5E-09
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

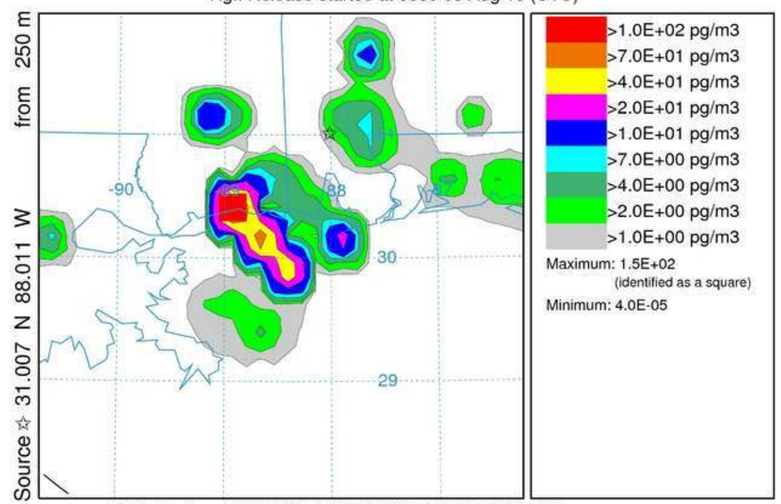

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 2200 07 Aug to 2300 07 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)
Source ☆ 31.007 N 88.011 W from 250 m
>1.0E+02 pg/m3
>7.0E+01 pg/m3
>4.0E+01 pg/m3
>2.0E+01 pg/m3
>1.0E+01 pg/m3
>7.0E+00 pg/m3
>4.0E+00 pg/m3
>2.0E+00 pg/m3
>1.0E+00 pg/m3
Maximum: 4.4E-01
(identified as a square)
Minimum: 6.7E-11
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 2300 07 Aug to 0000 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



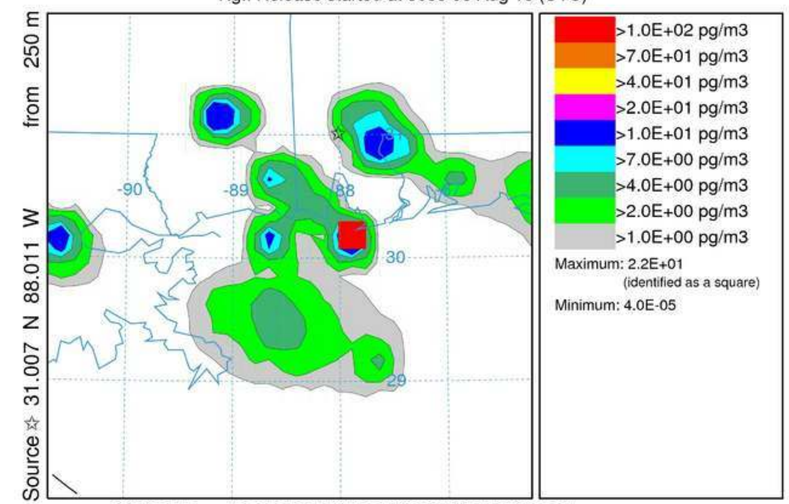
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 2300 07 Aug to 0000 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



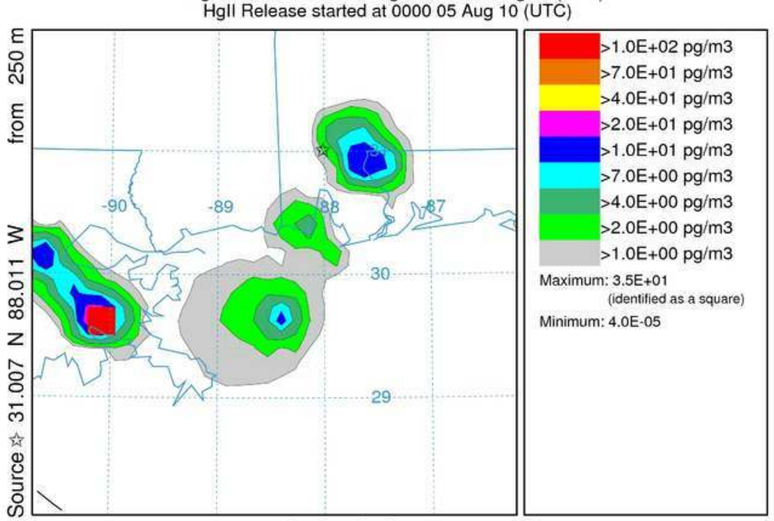
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 2300 07 Aug to 0000 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



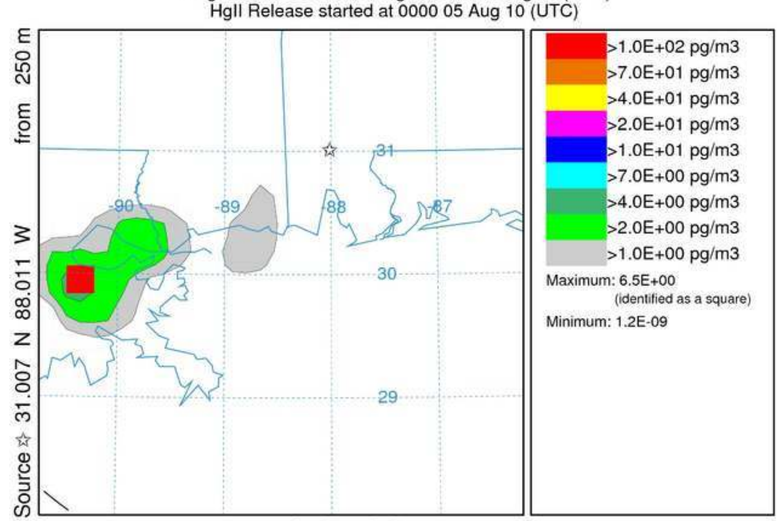
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 2300 07 Aug to 0000 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



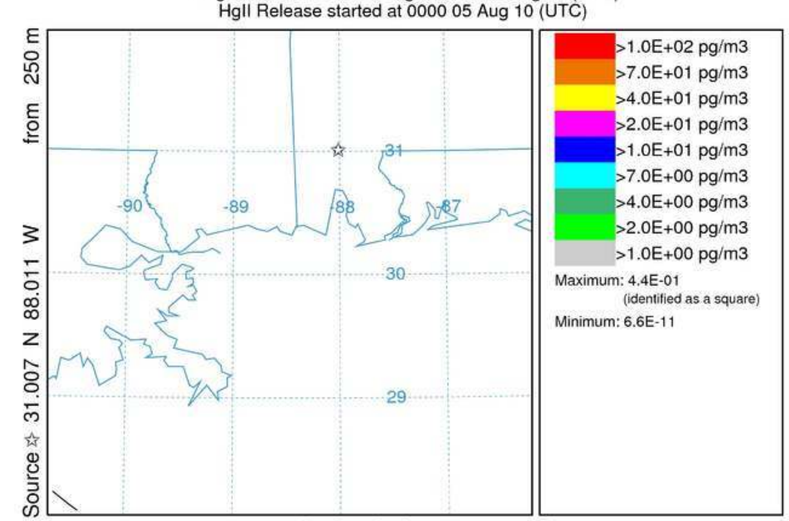
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 2300 07 Aug to 0000 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



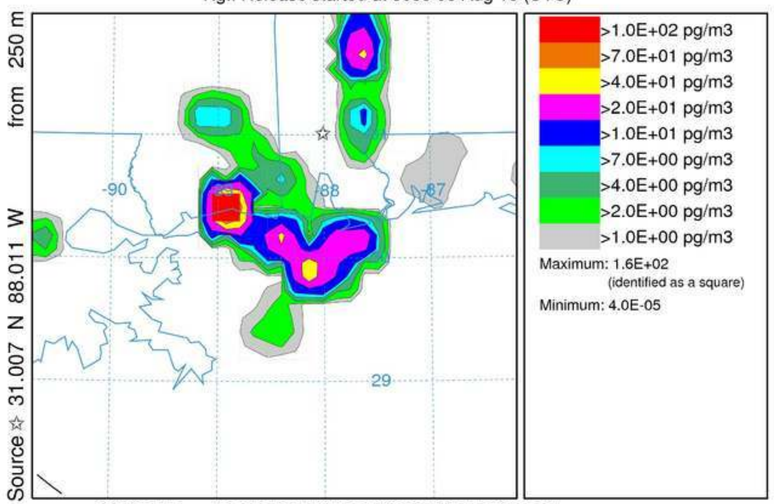
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 2300 07 Aug to 0000 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



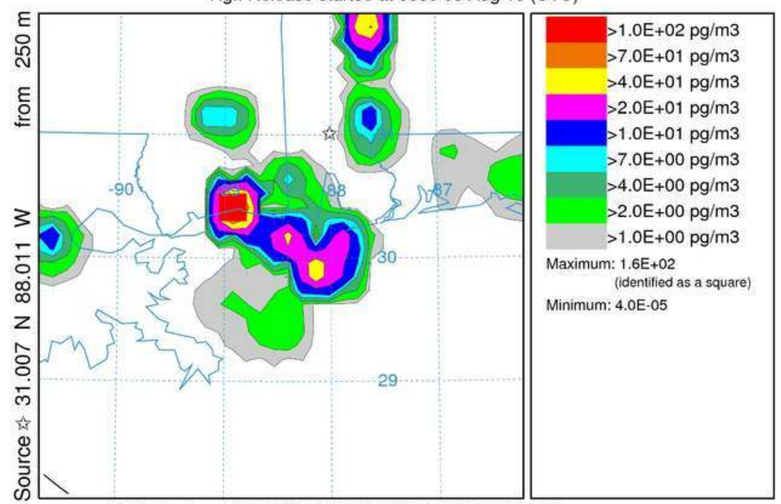
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 0 m and 150 m
Integrated from 0000 08 Aug to 0100 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



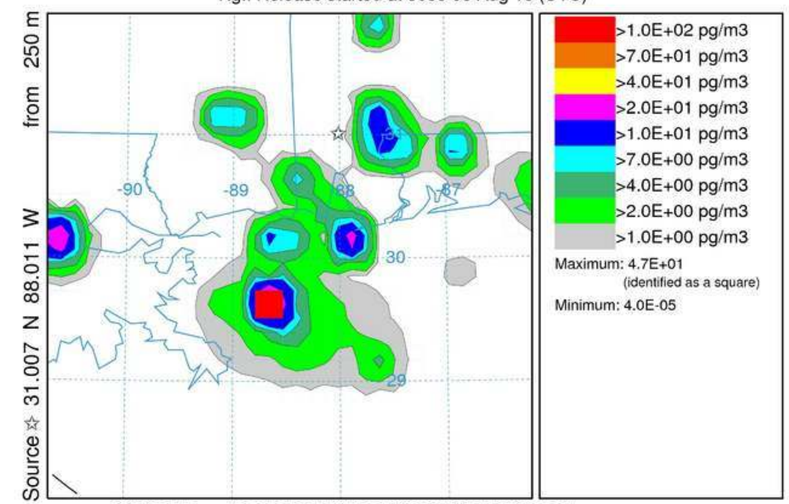
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 150 m and 350 m
Integrated from 0000 08 Aug to 0100 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



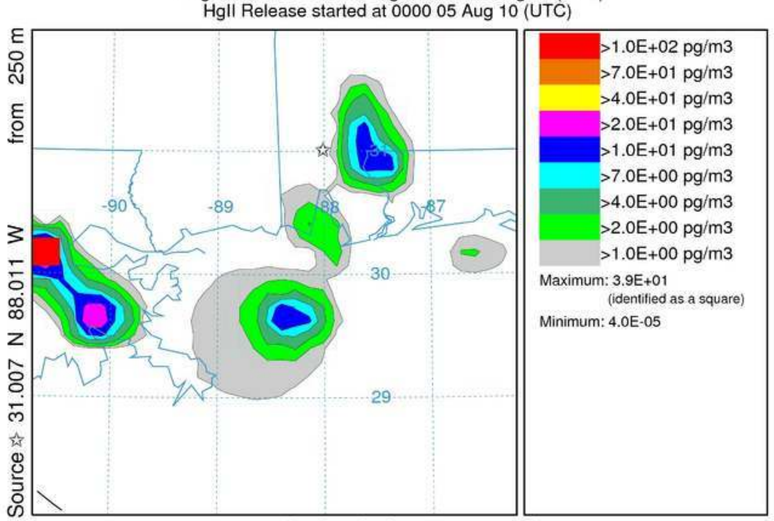
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 350 m and 650 m
Integrated from 0000 08 Aug to 0100 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



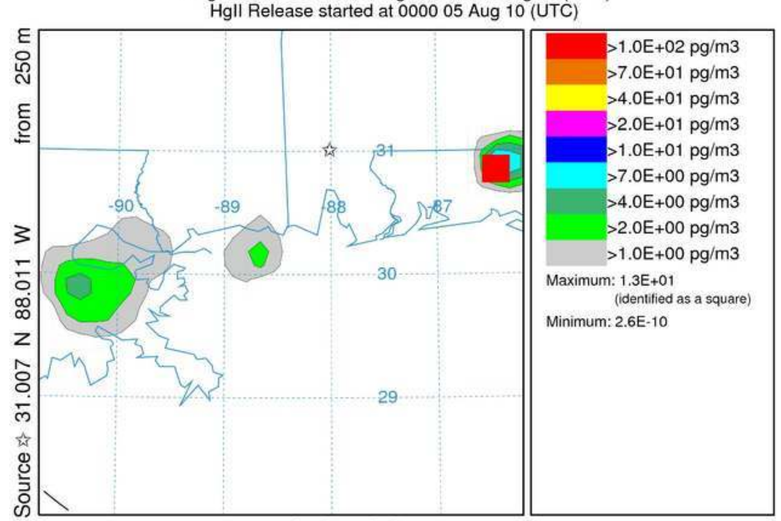
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 650 m and 1500 m
Integrated from 0000 08 Aug to 0100 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



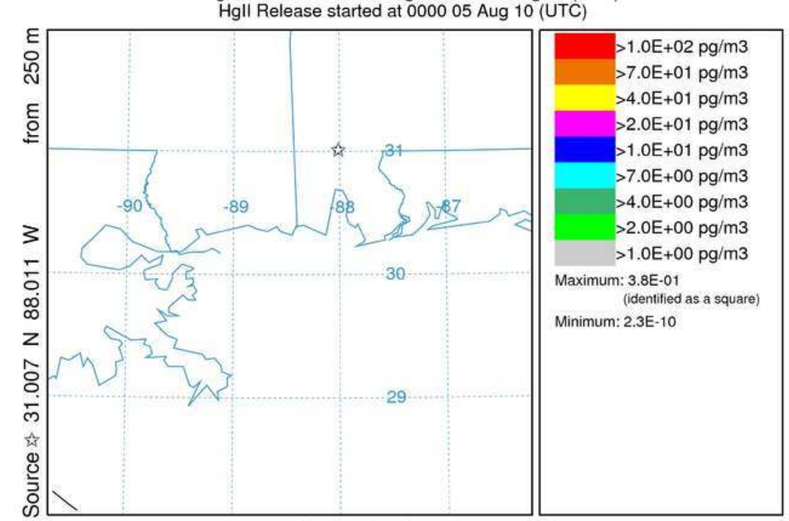
0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 1500 m and 2500 m
Integrated from 0000 08 Aug to 0100 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



0000 07 Aug 10 NAMS FORECAST INITIALIZATION

NOAA HYSPLIT MODEL
Concentration (pg/m3) averaged between 2500 m and 3500 m
Integrated from 0000 08 Aug to 0100 08 Aug 10 (UTC)
HgII Release started at 0000 05 Aug 10 (UTC)



0000 07 Aug 10 NAMS FORECAST INITIALIZATION