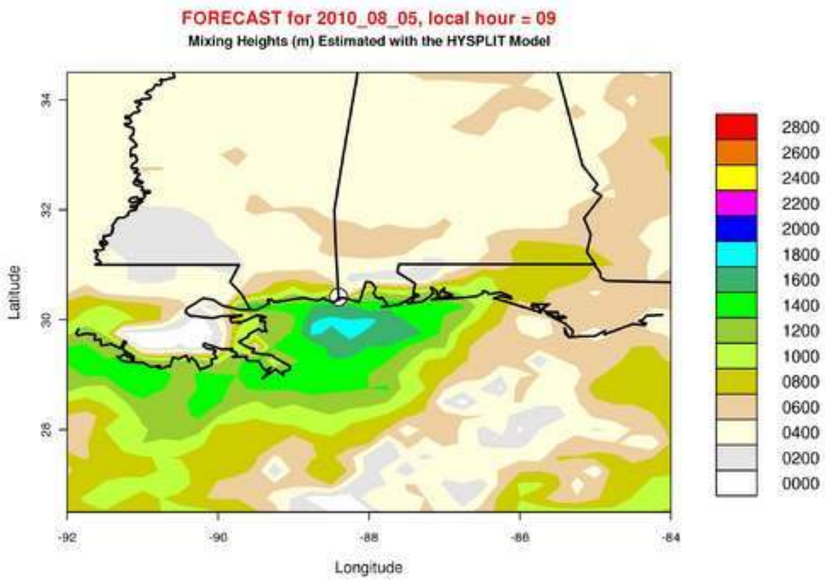
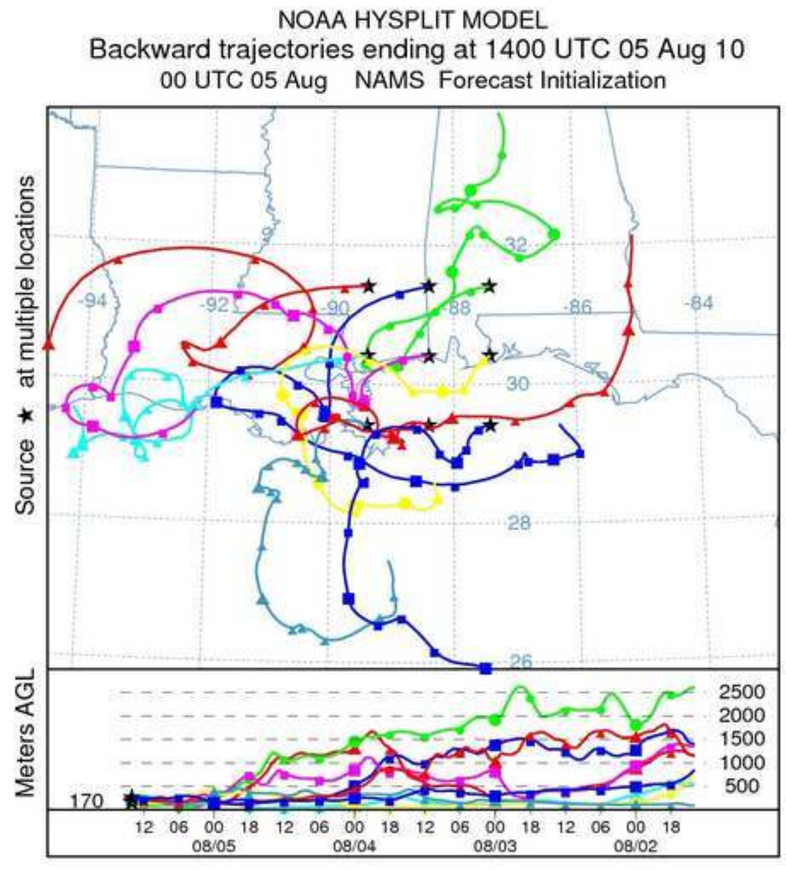
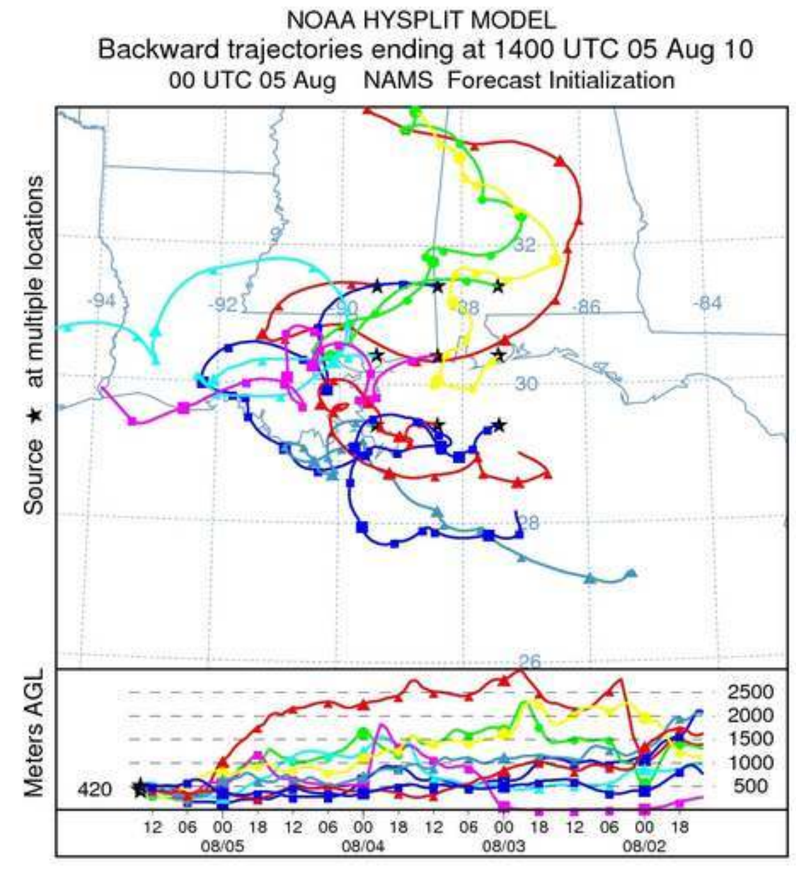
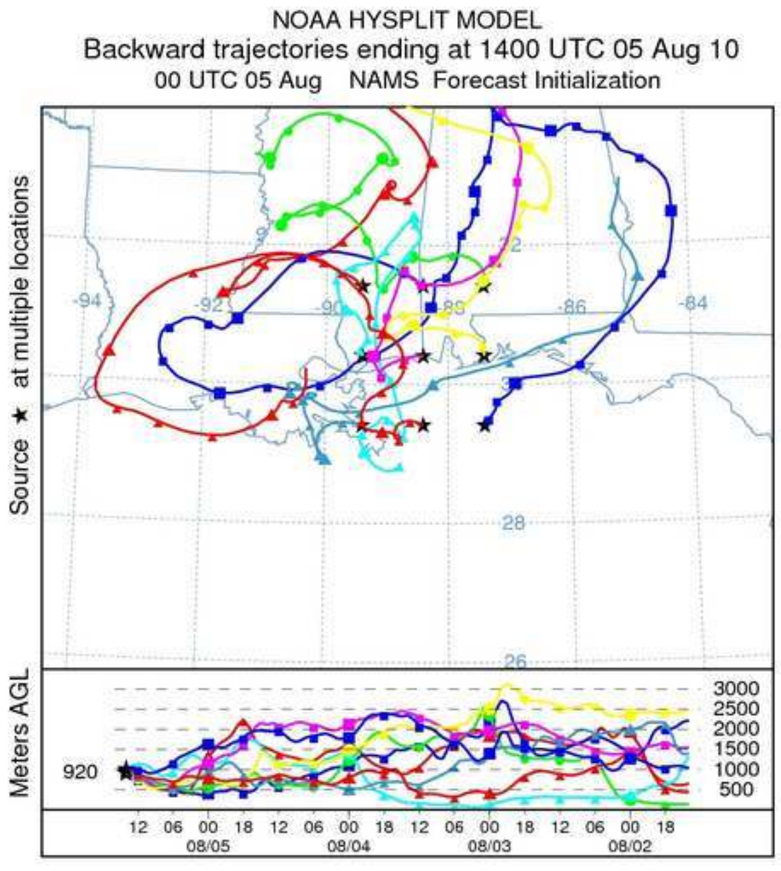
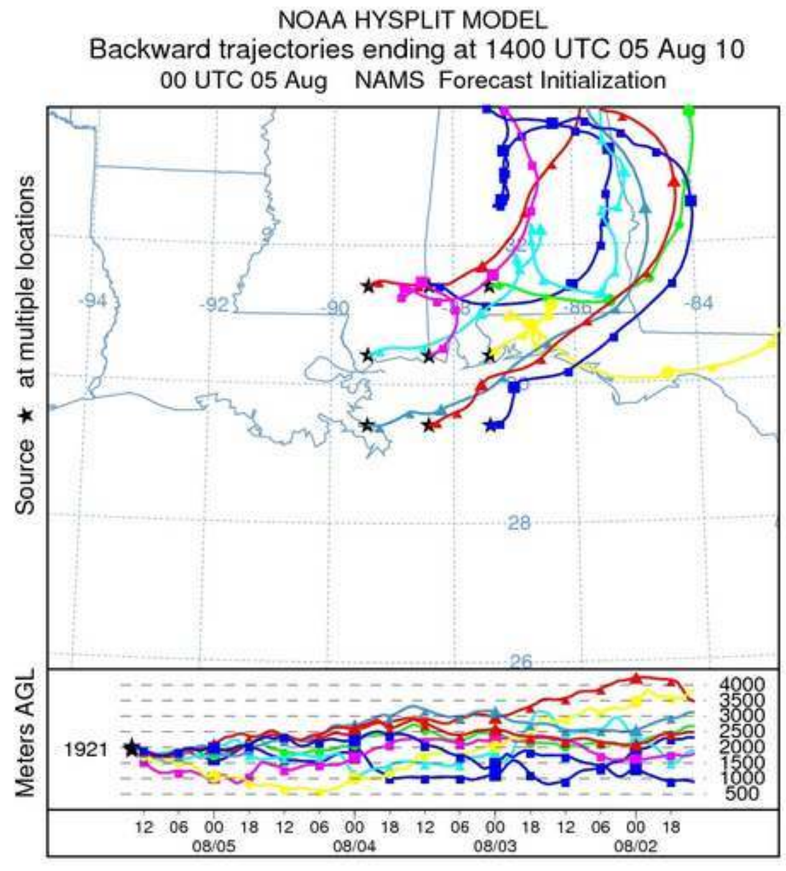
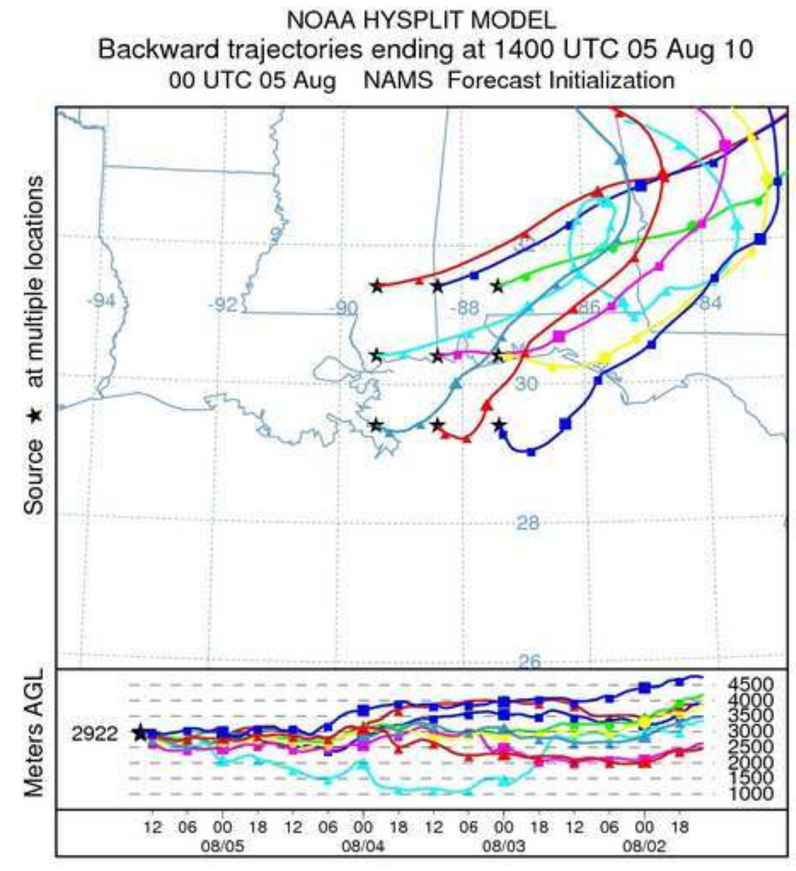

FORECAST for 2010_08_05, local hour = 09
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

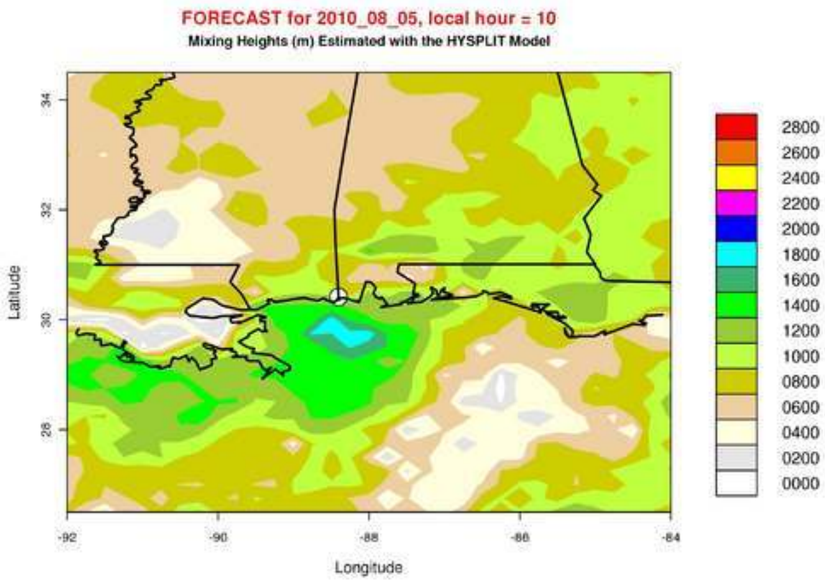

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
12 06 00 18 12 06 00 18 12 06 00 18 12 06 00 18
08/05 08/04 08/03 08/02

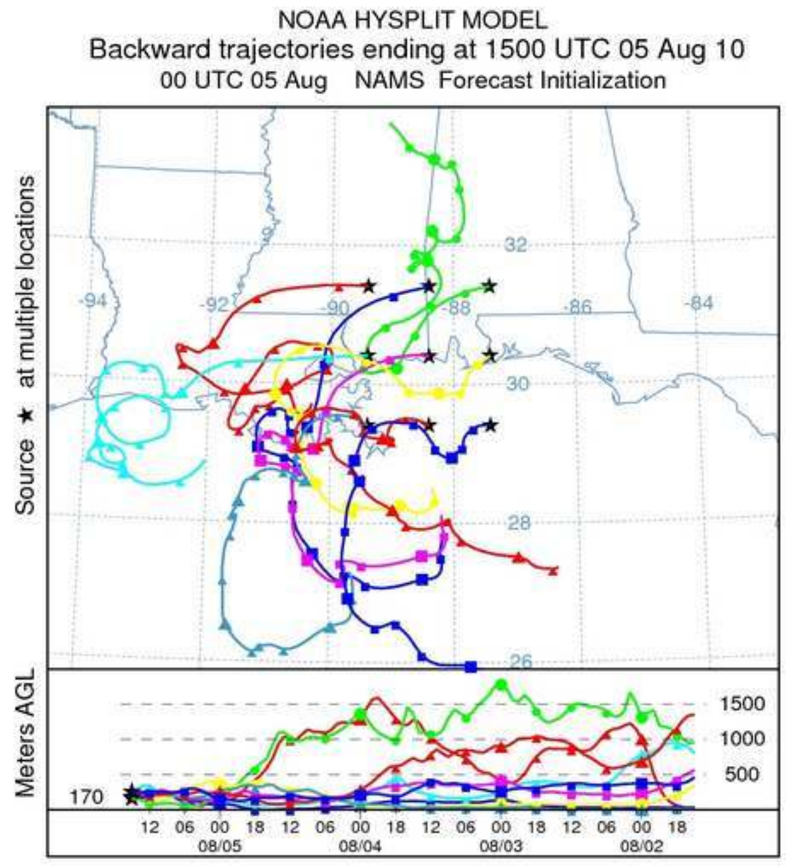

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2500
2000
1500
1000
500
12 06 00 18 12 06 00 18 12 06 00 18 12 06 00 18
08/05 08/04 08/03 08/02

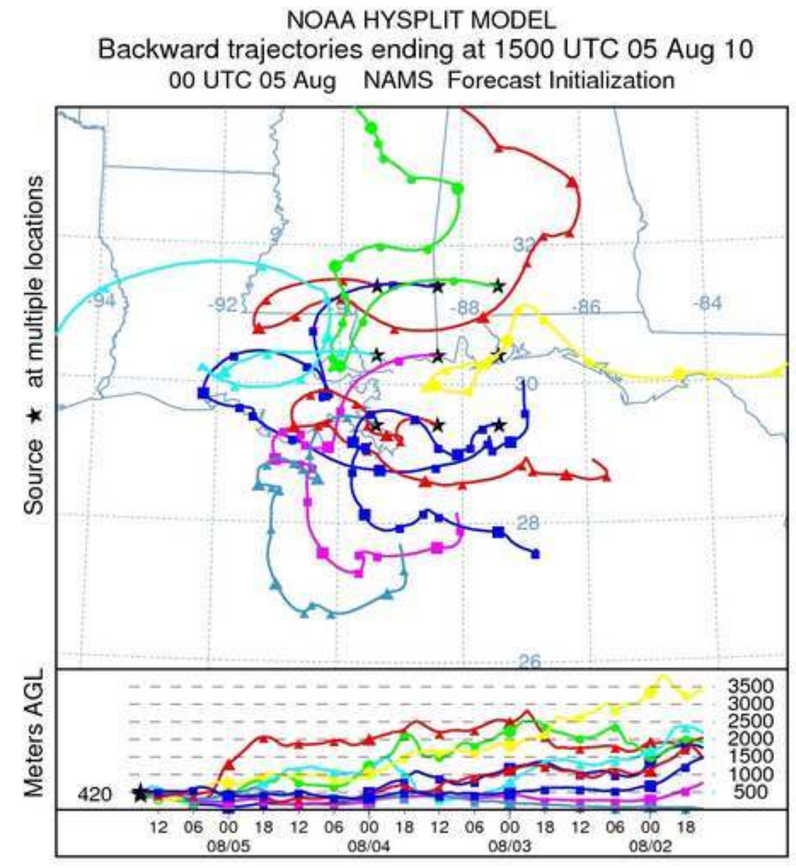

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
3000
2500
2000
1500
1000
500
12 06 00 18 12 06 00 18 12 06 00 18 12 06 00 18
08/05 08/04 08/03 08/02

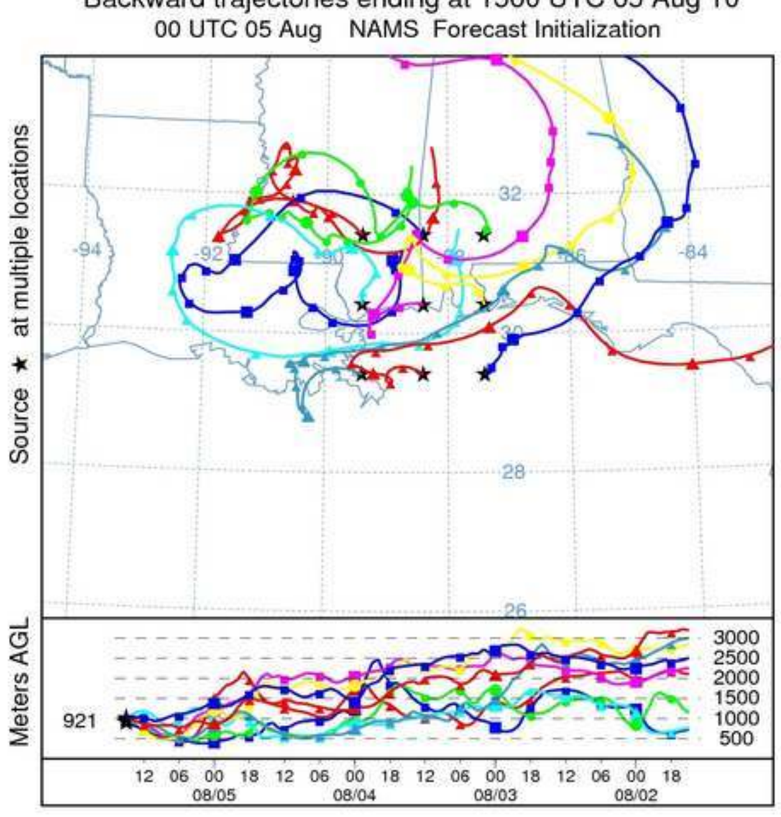

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
4000
3500
3000
2500
2000
1500
1000
500
12 06 00 18 12 06 00 18 12 06 00 18 12 06 00 18
08/05 08/04 08/03 08/02

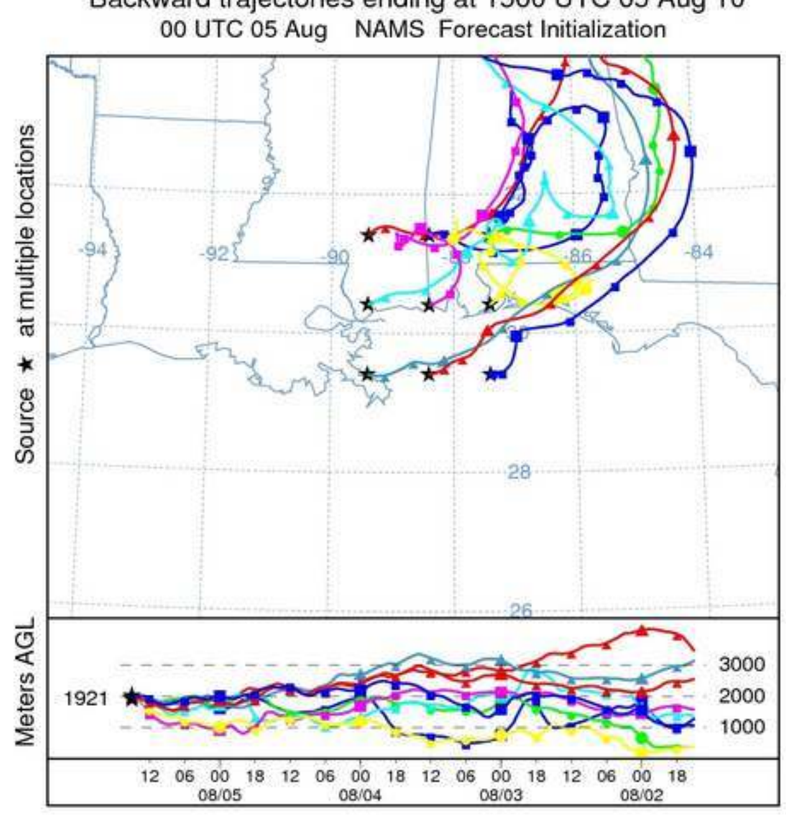

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
4500
4000
3500
3000
2500
2000
1500
1000
12 06 00 18 12 06 00 18 12 06 00 18 12 06 00 18
08/05 08/04 08/03 08/02

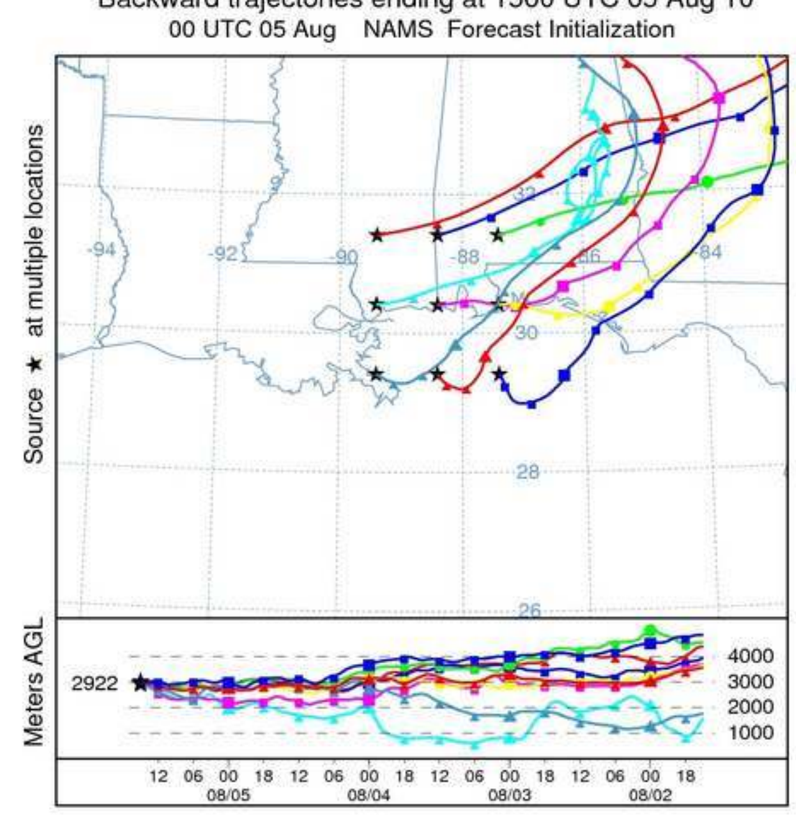

FORECAST for 2010_08_05, local hour = 10
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

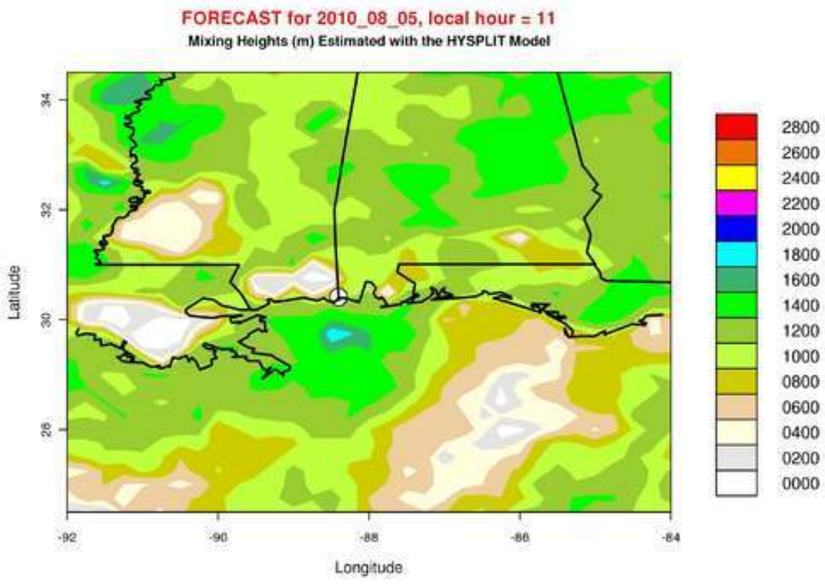

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
1500
1000
500
08/05
08/04
08/03
08/02

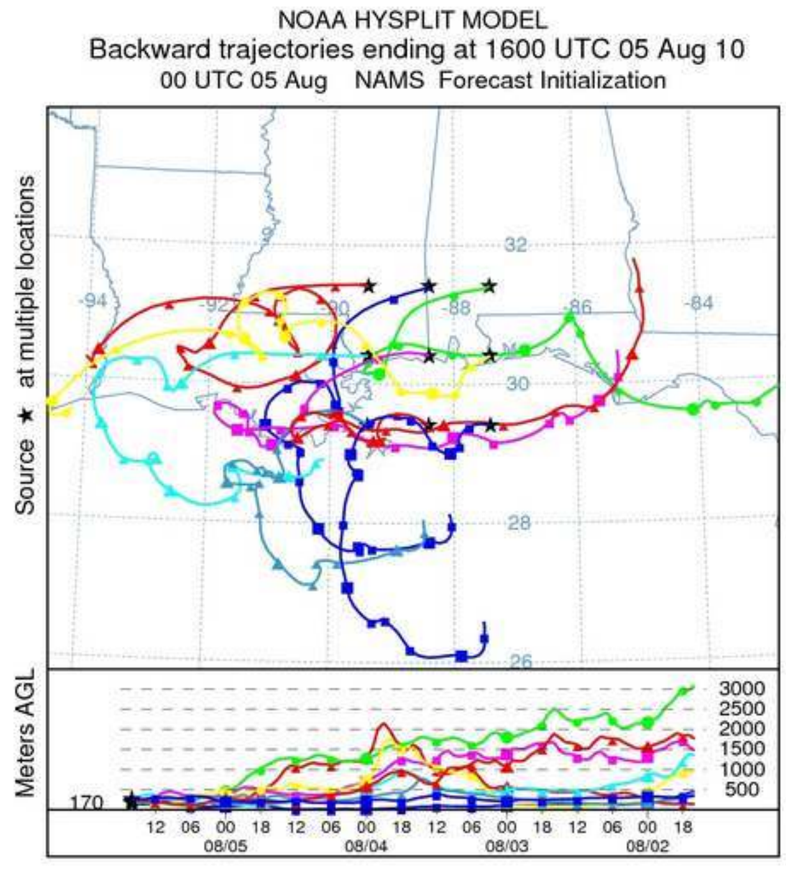

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
3500
3000
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

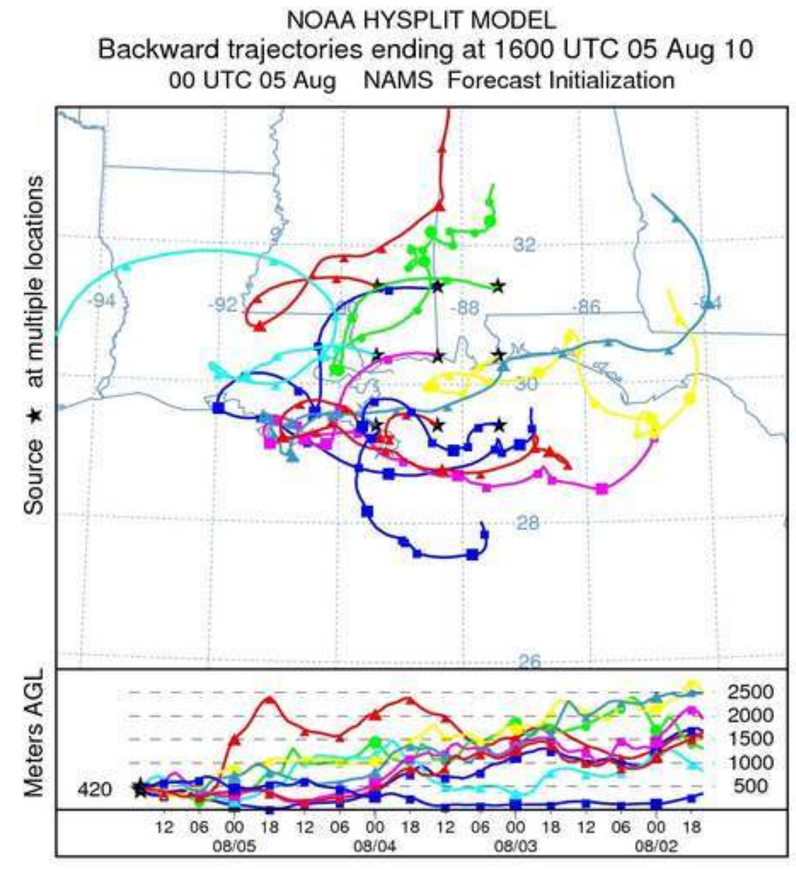

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
3000
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

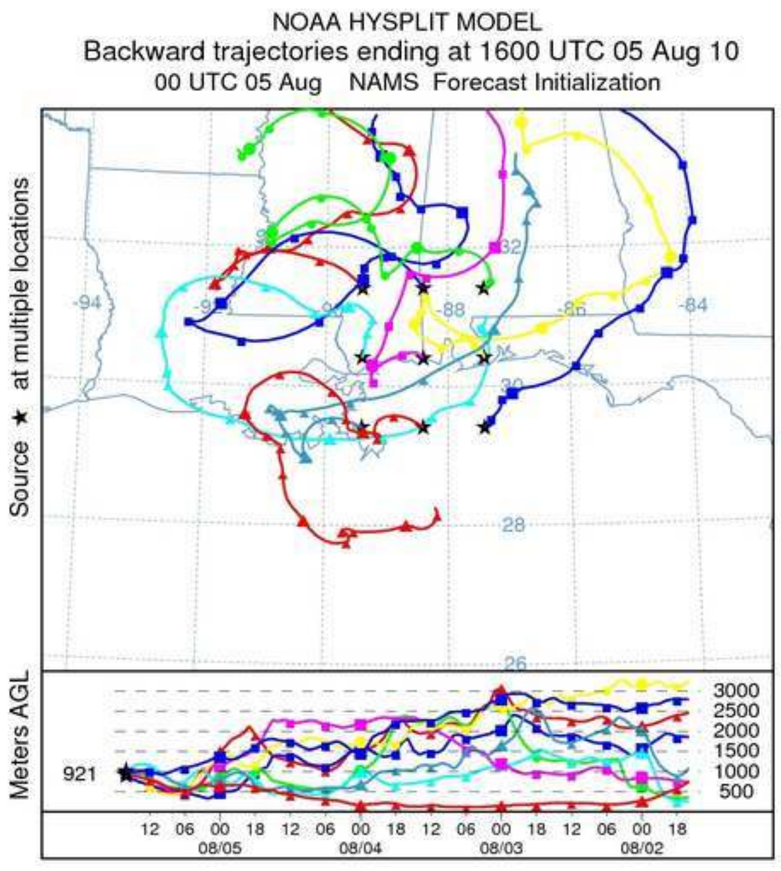

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3000
2000
1000
08/05
08/04
08/03
08/02

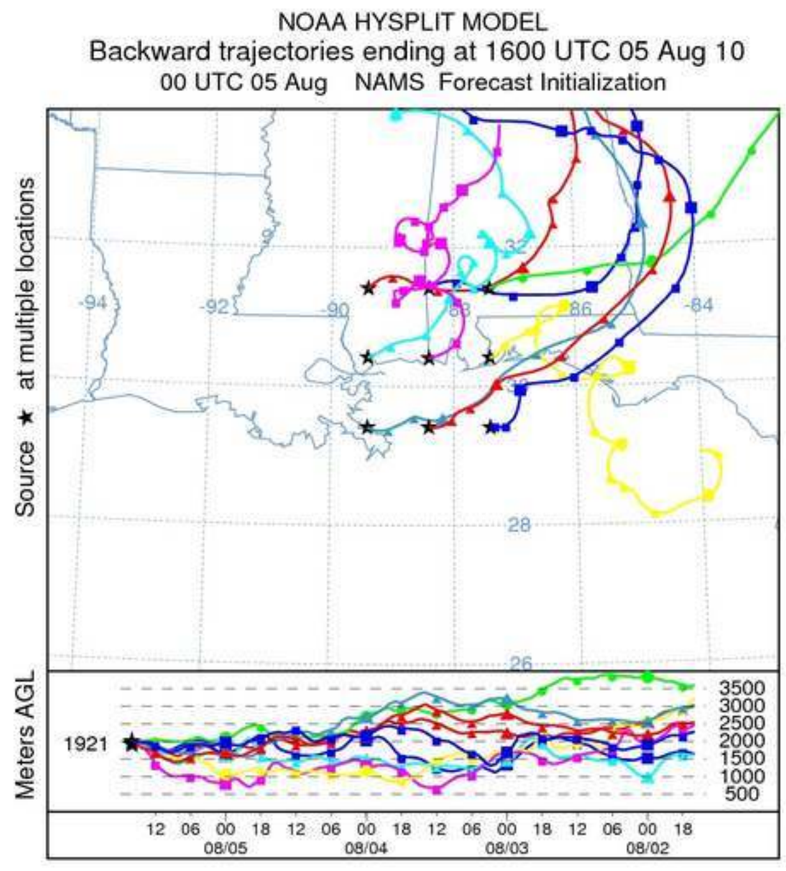

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
4000
3000
2000
1000
08/05
08/04
08/03
08/02

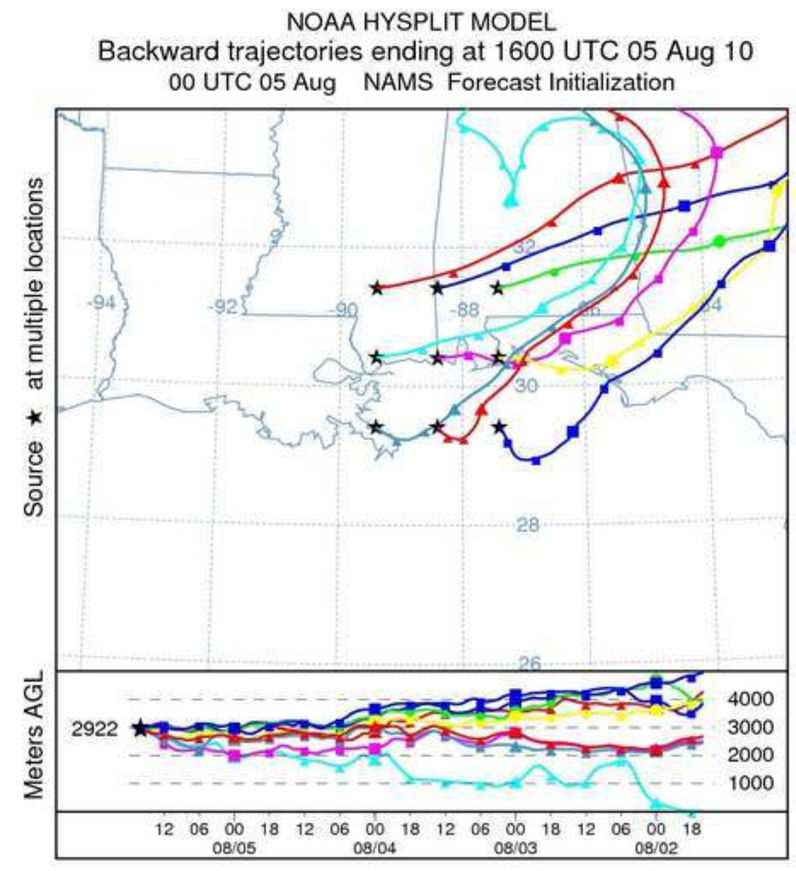

FORECAST for 2010_08_05, local hour = 11
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

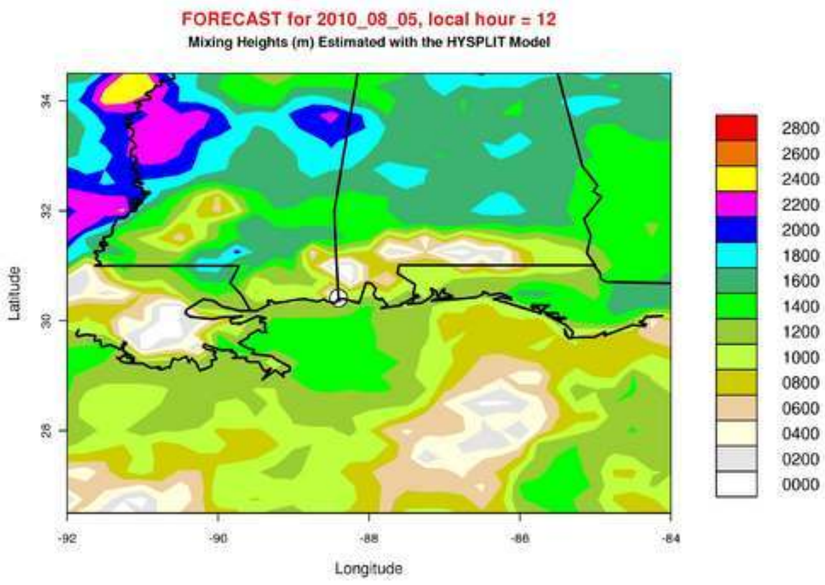

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
08/05
08/04
08/03
08/02

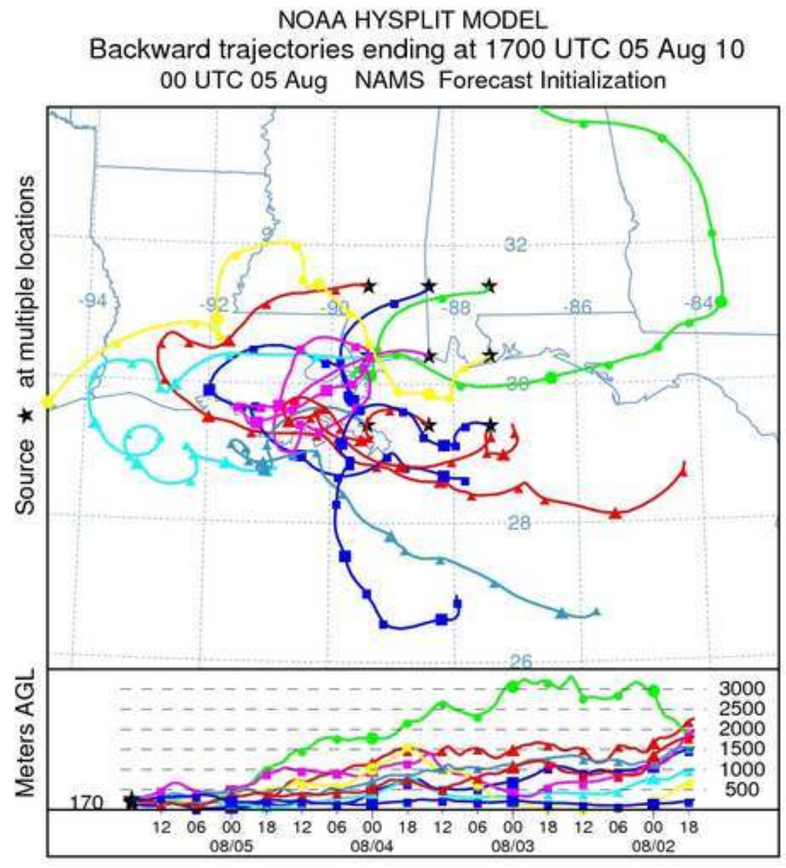

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
08/05
08/04
08/03
08/02

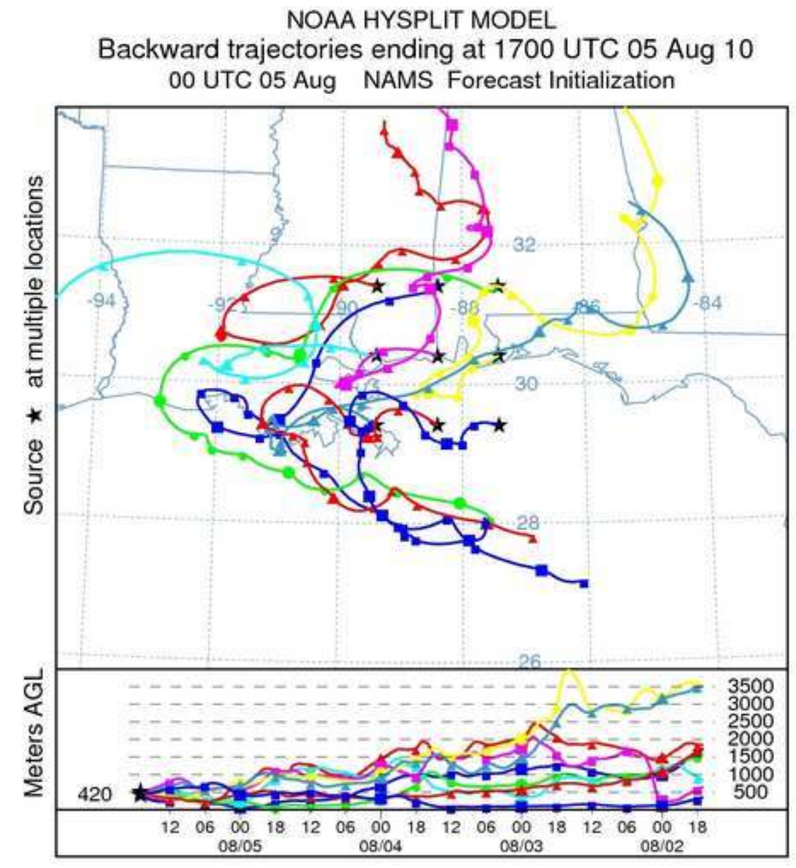

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
08/05
08/04
08/03
08/02

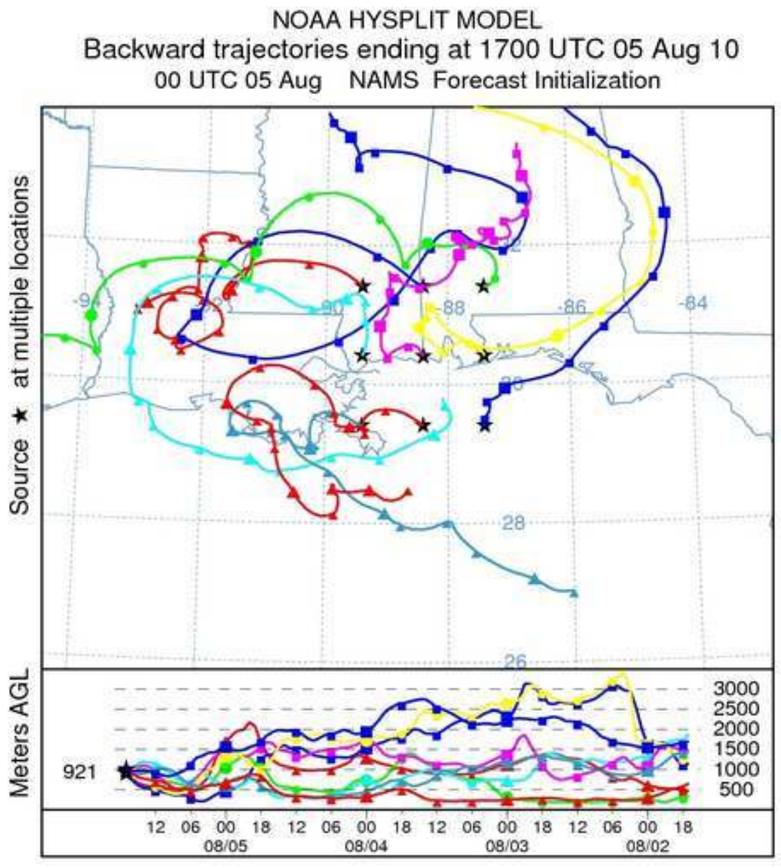

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
08/05
08/04
08/03
08/02

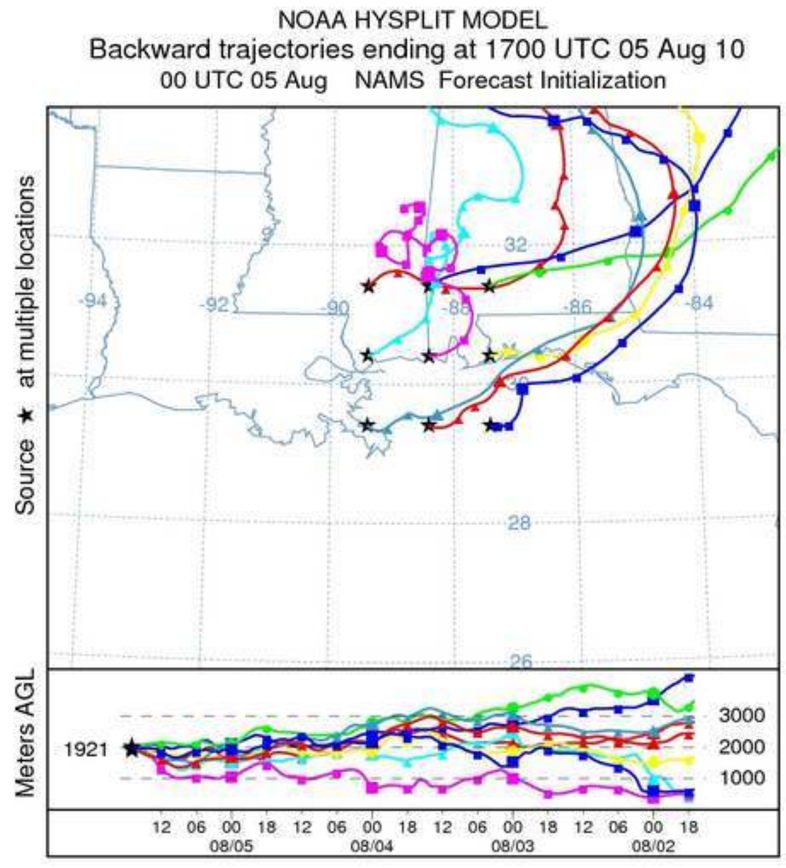

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
08/05
08/04
08/03
08/02

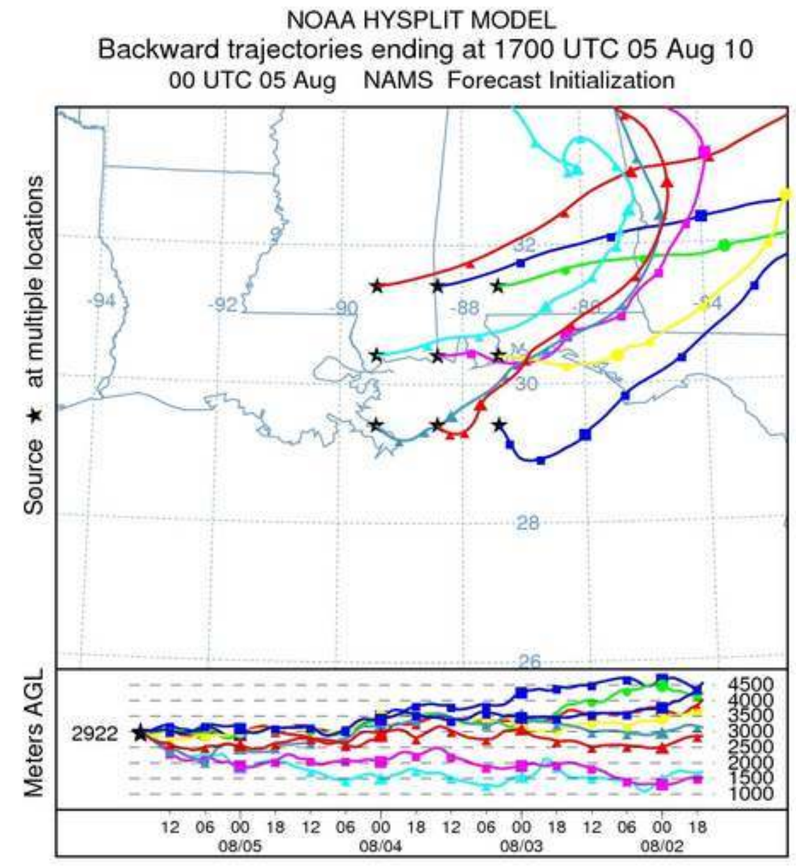

FORECAST for 2010_08_05, local hour = 12
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

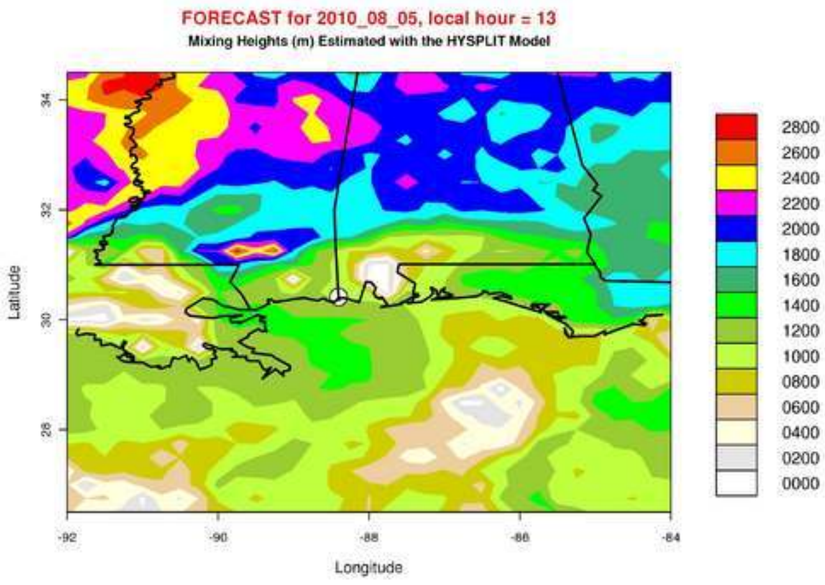

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
08/05
08/04
08/03
08/02

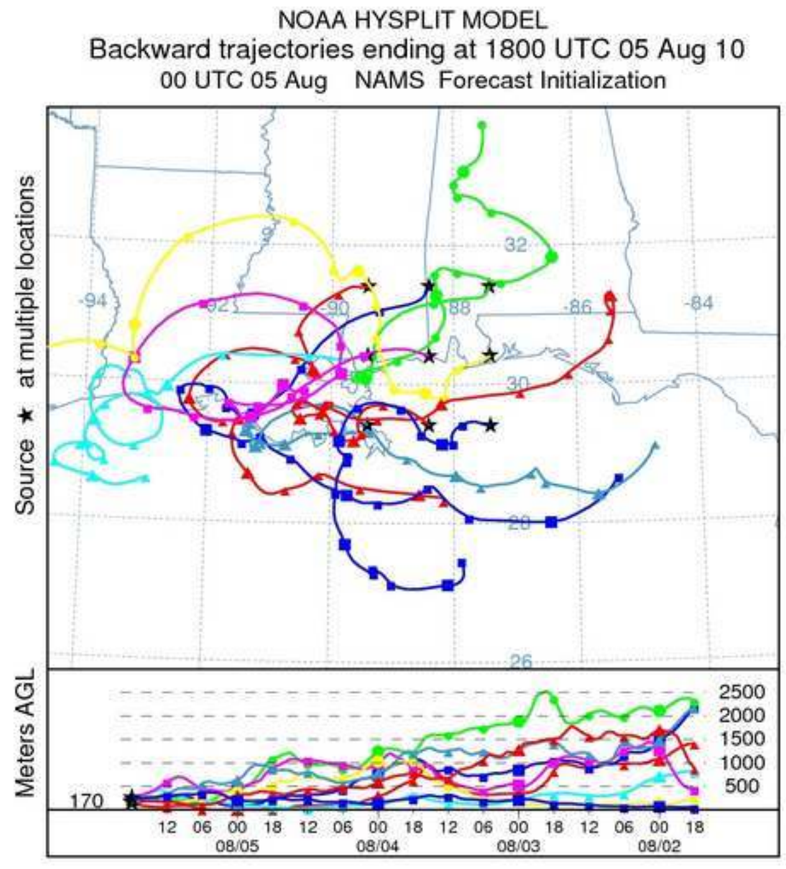

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
08/05
08/04
08/03
08/02

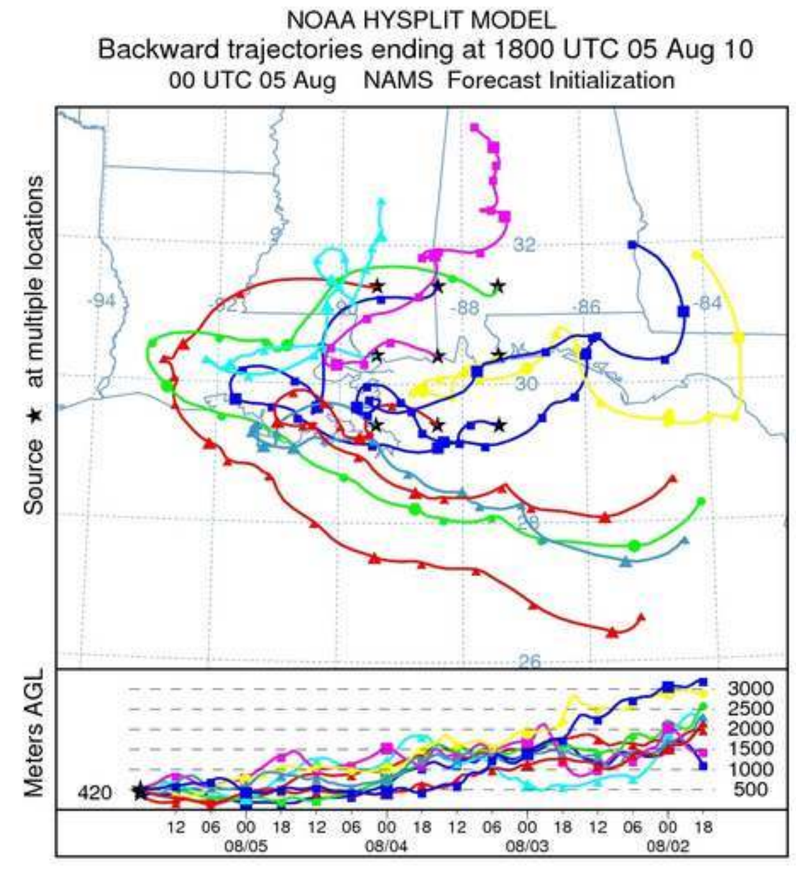

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
08/05
08/04
08/03
08/02

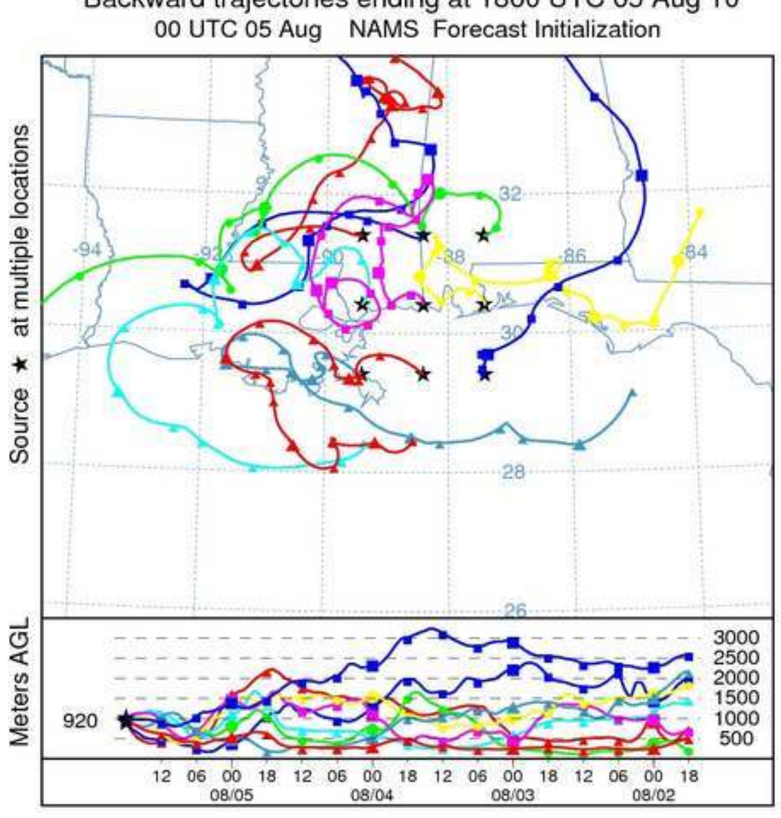

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
08/05
08/04
08/03
08/02

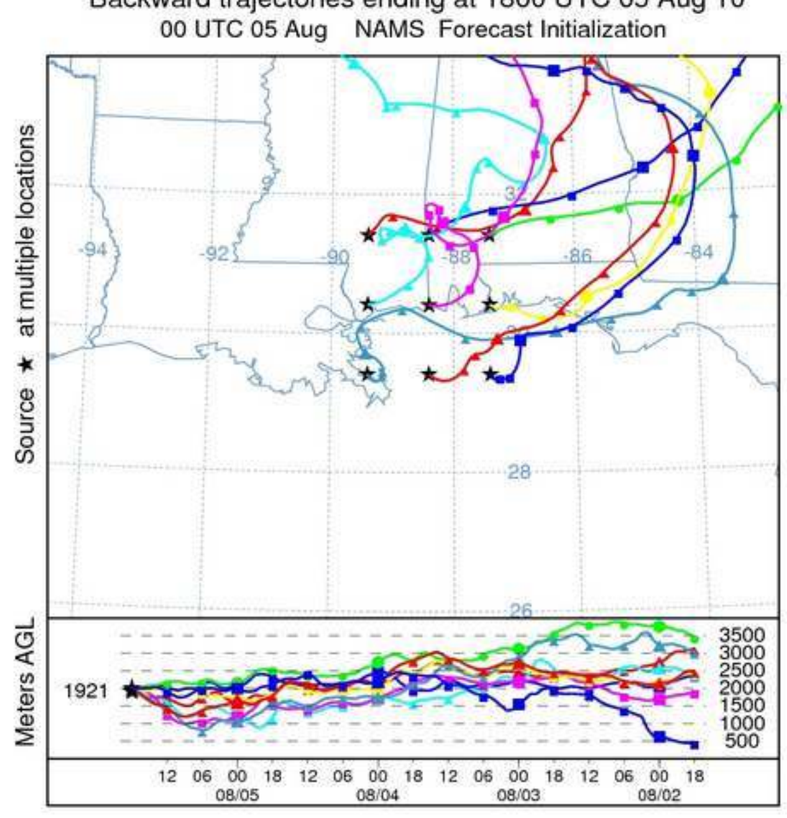

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
08/05
08/04
08/03
08/02

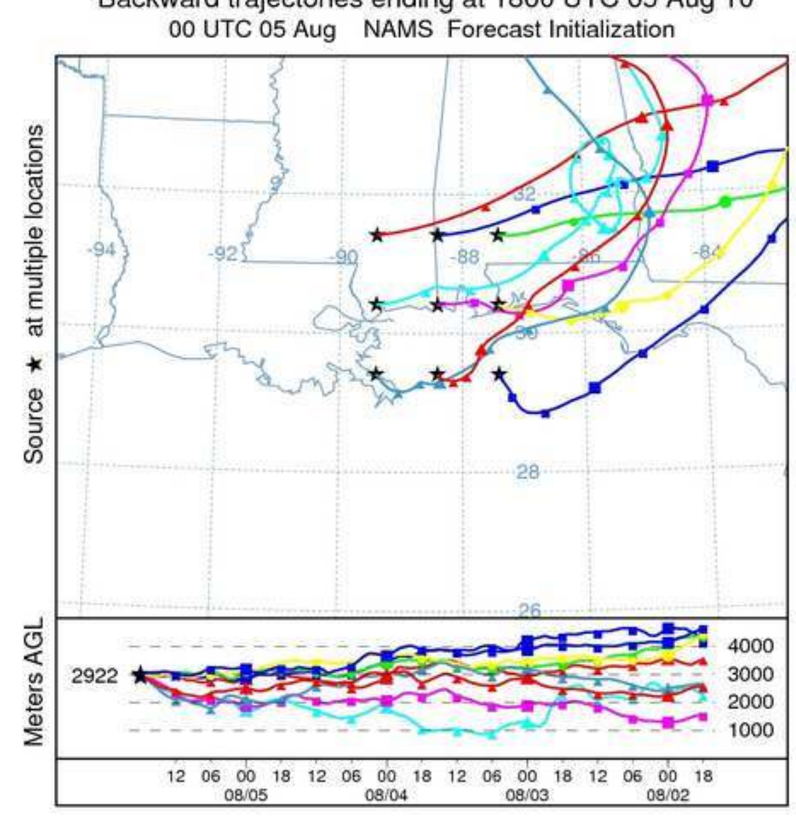

FORECAST for 2010_08_05, local hour = 13
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

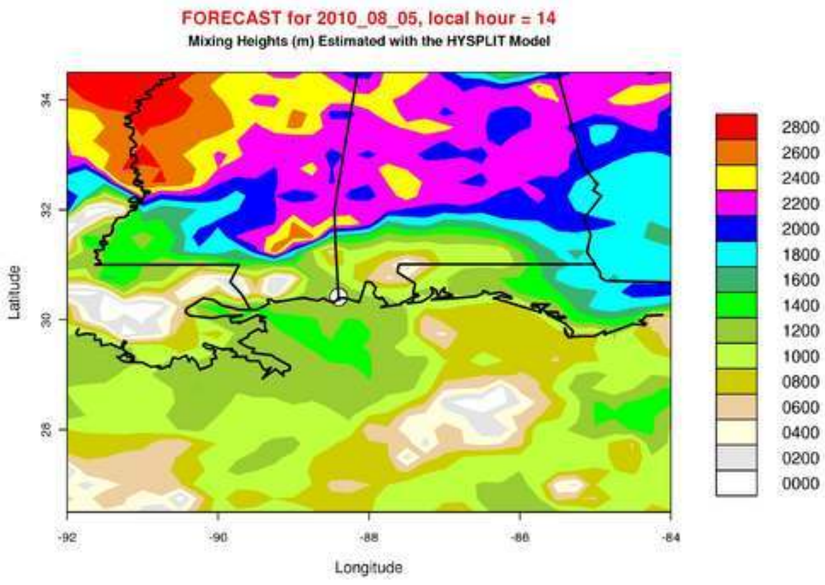

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

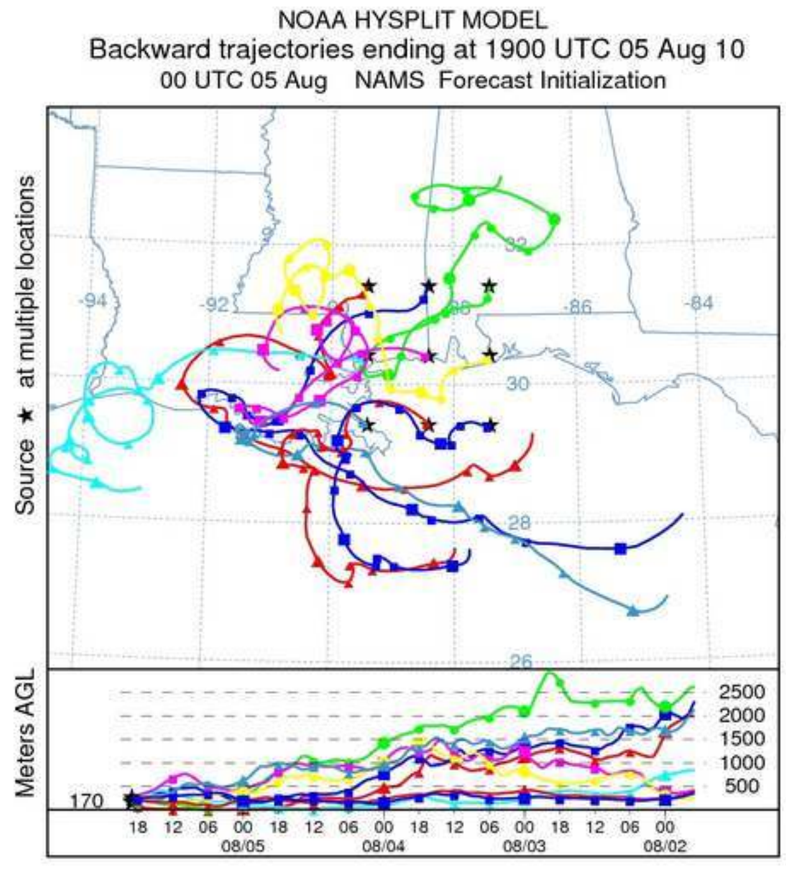

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
3000
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

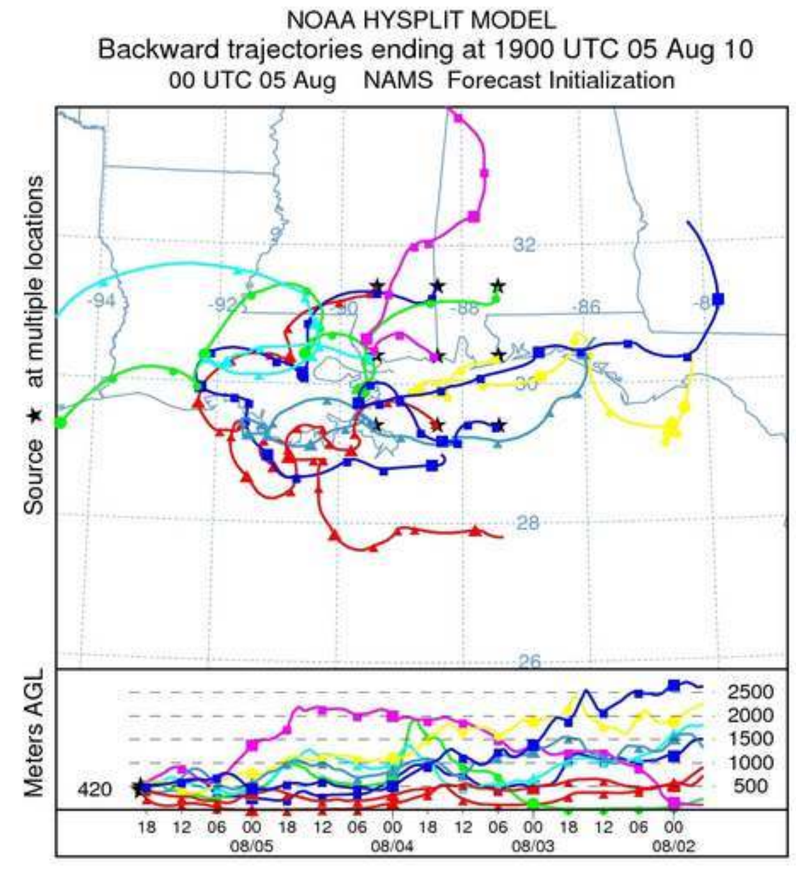

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
3000
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

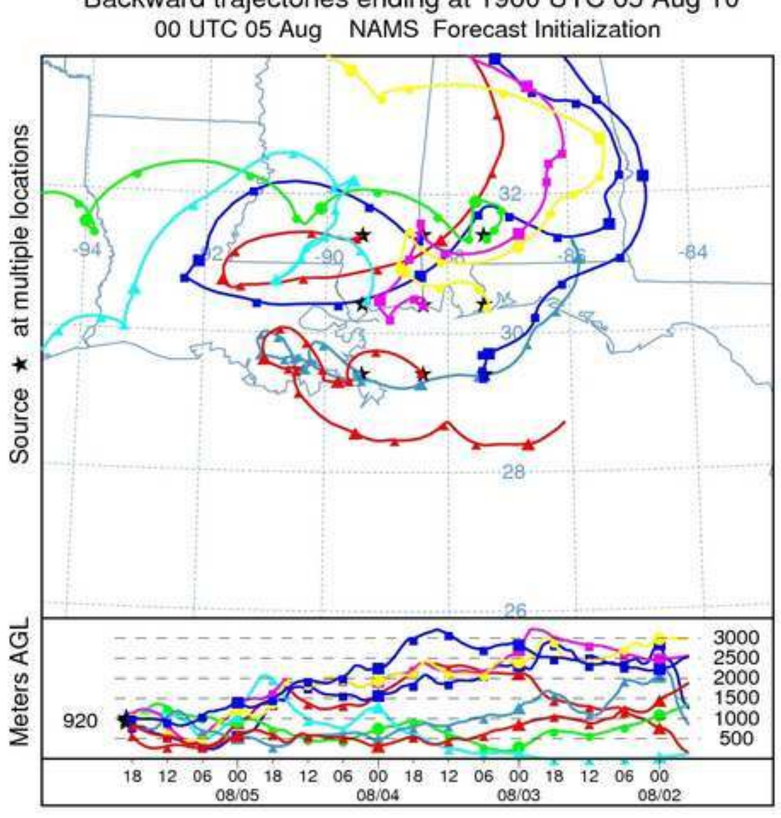

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
3500
3000
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

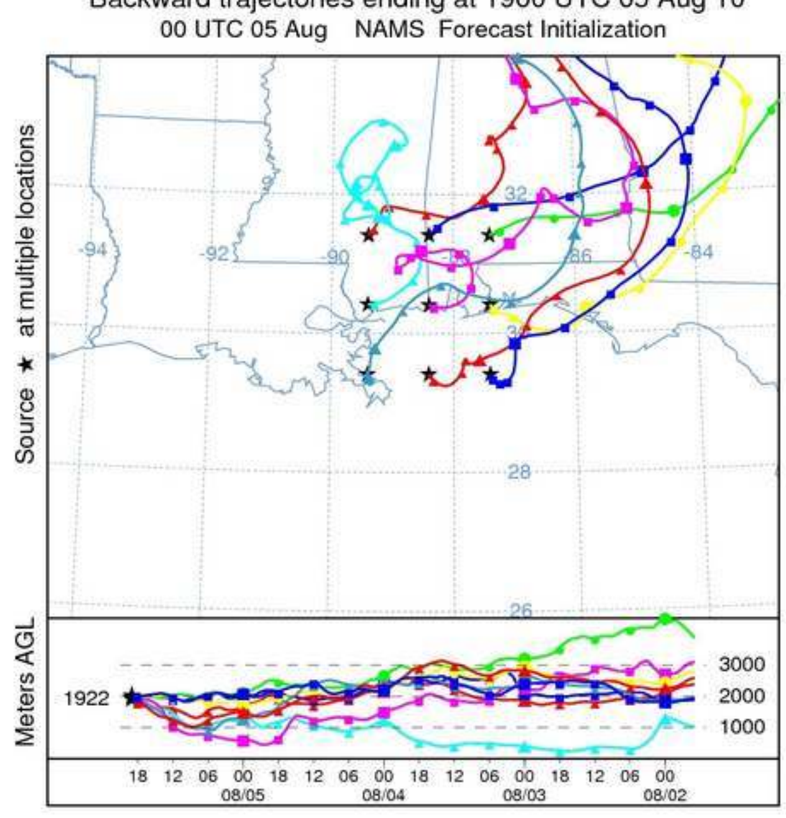

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
4000
3000
2000
1000
08/05
08/04
08/03
08/02

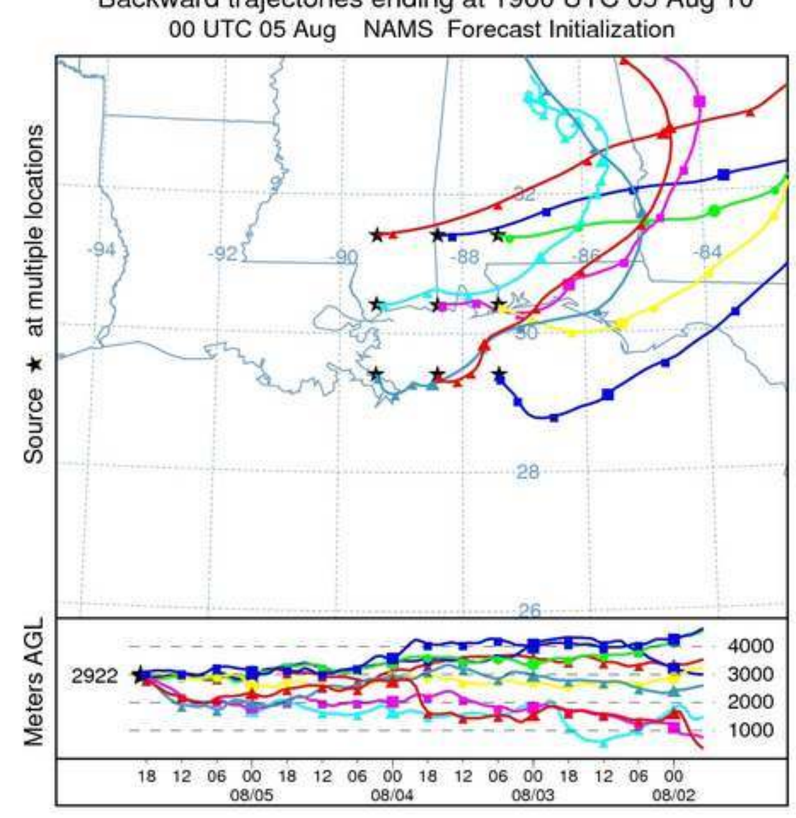

FORECAST for 2010_08_05, local hour = 14
Mixing Heights (m) Estimated with the HYSPLIT Model
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000
Latitude
Longitude

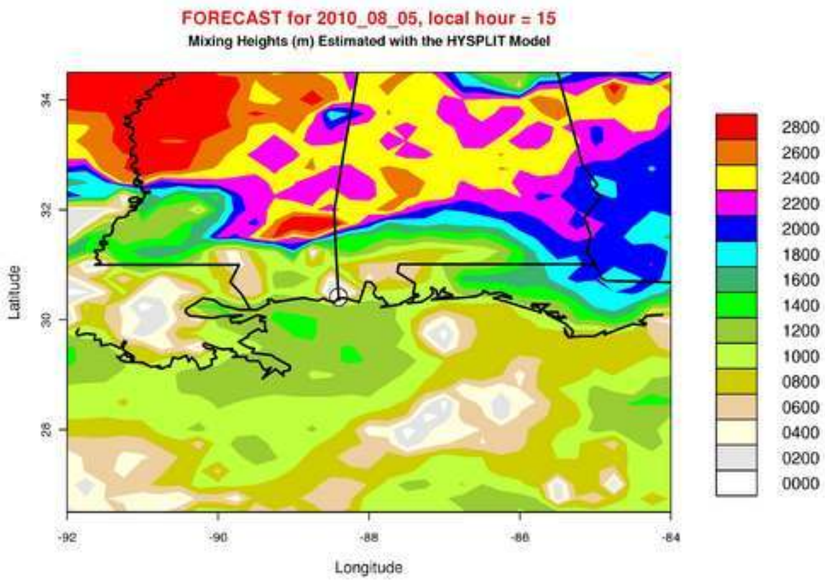

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

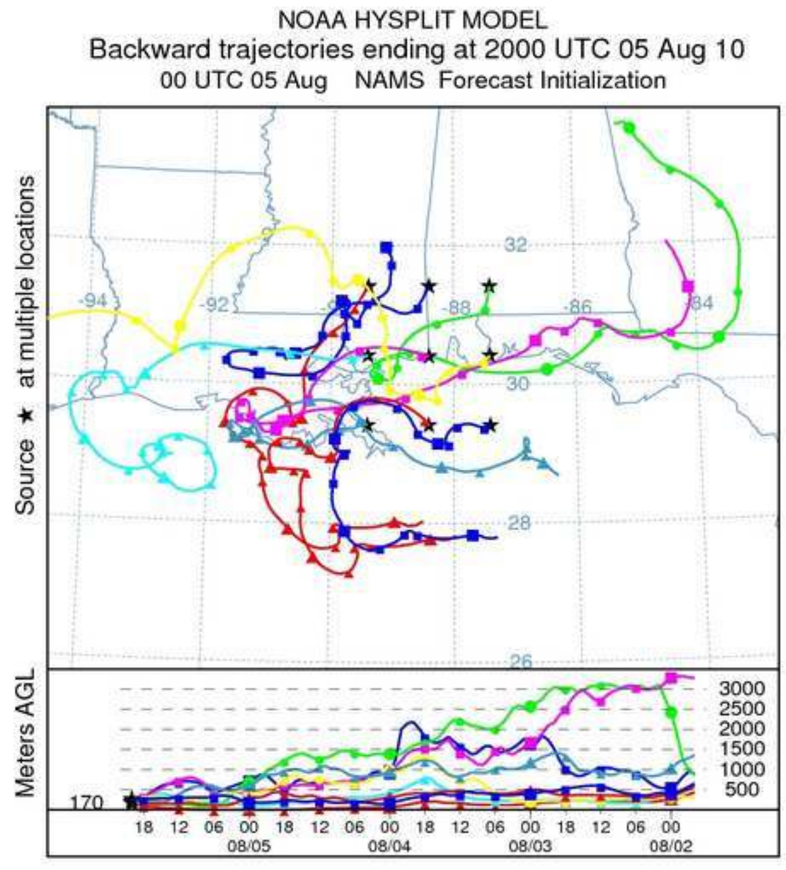

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

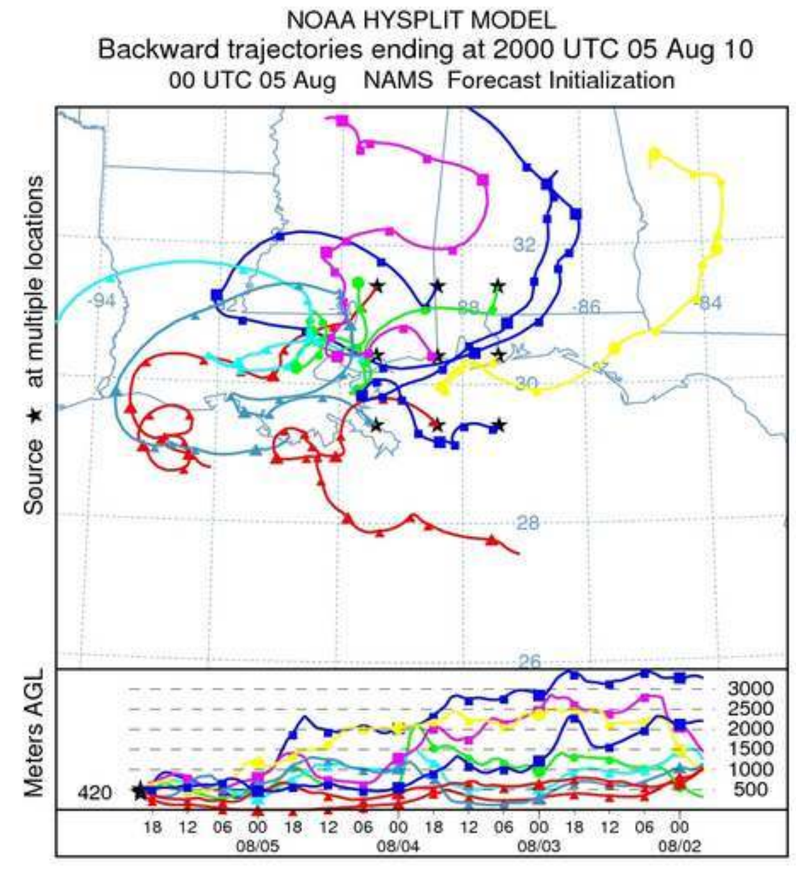

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
3000
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

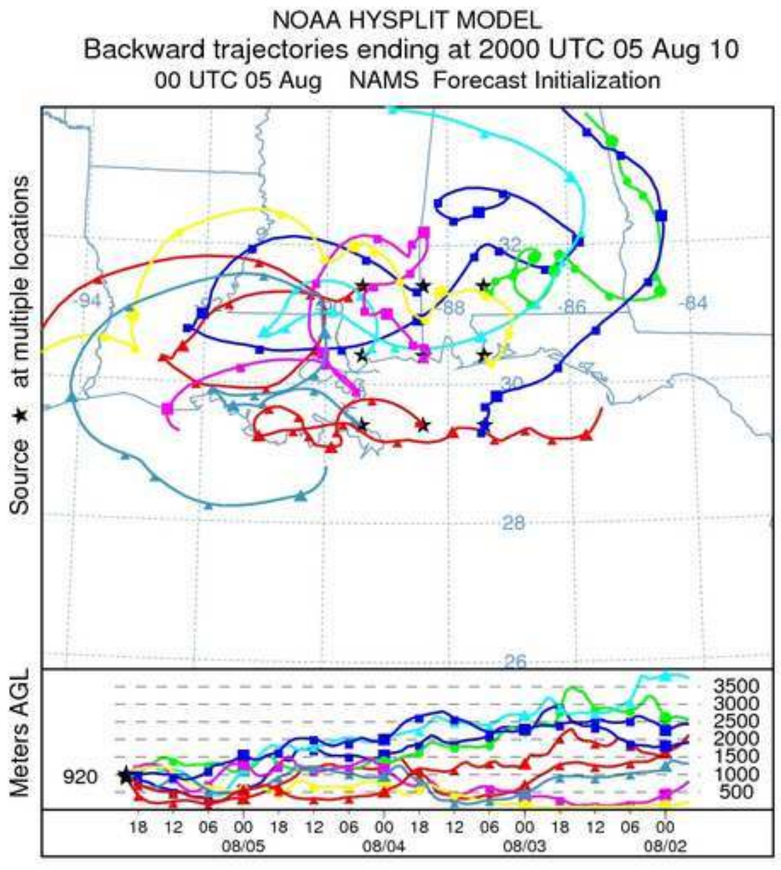

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1922
3000
2000
1000
08/05
08/04
08/03
08/02

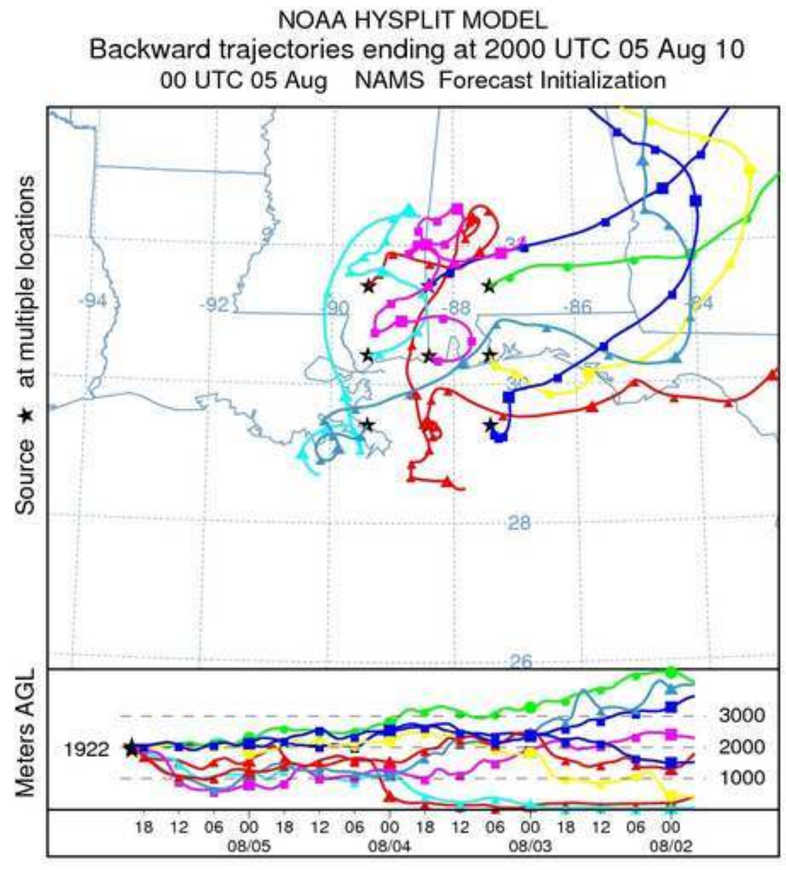

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
4000
3000
2000
1000
08/05
08/04
08/03
08/02

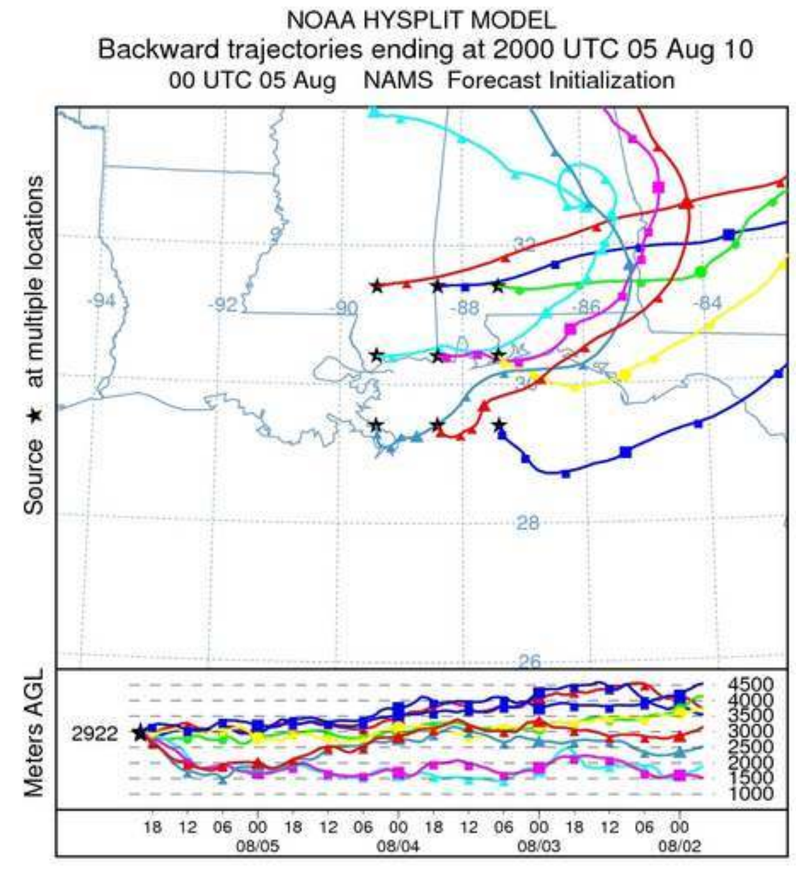

FORECAST for 2010_08_05, local hour = 15
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

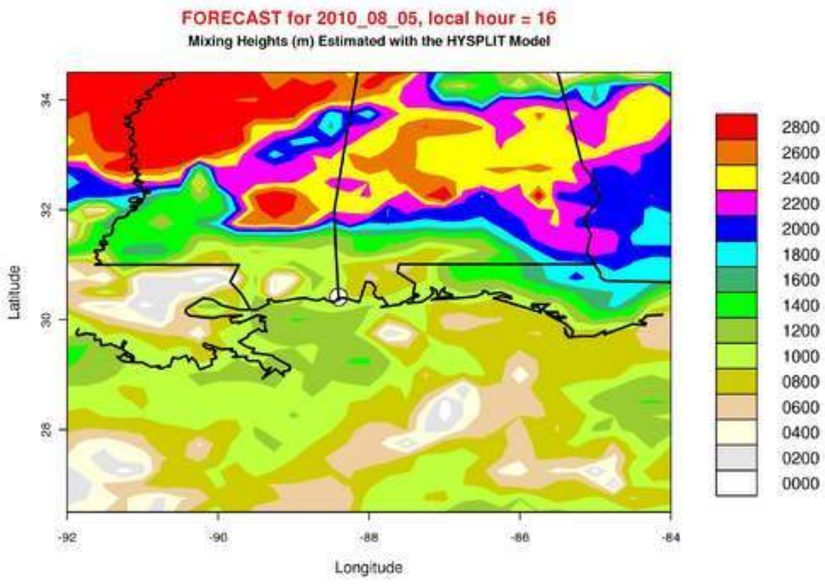

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
08/05
08/04
08/03
08/02

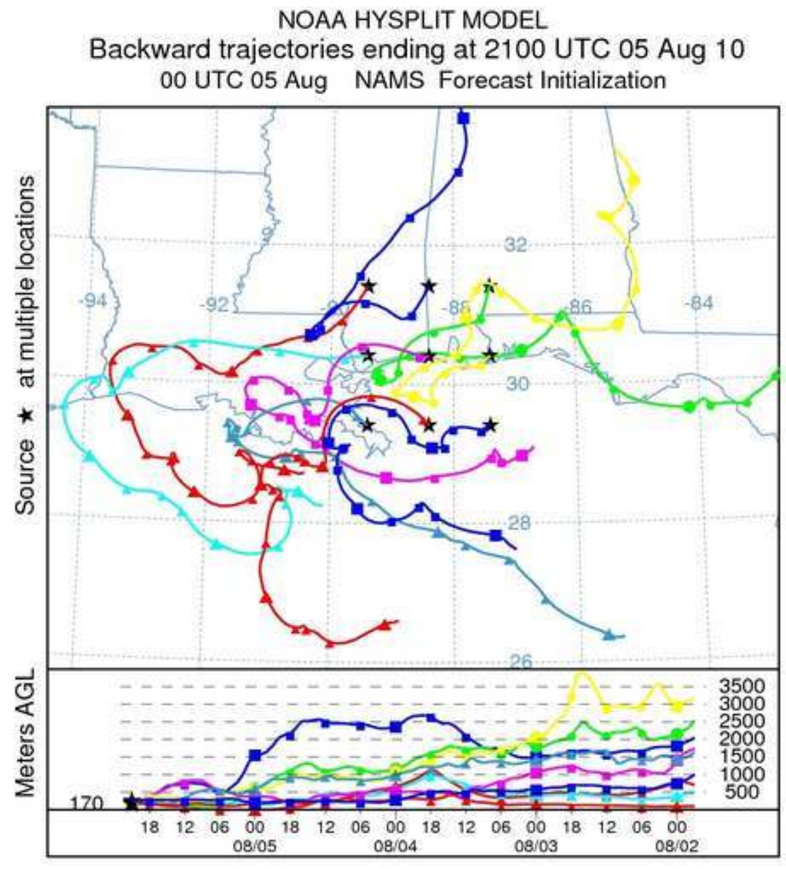

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
08/05
08/04
08/03
08/02

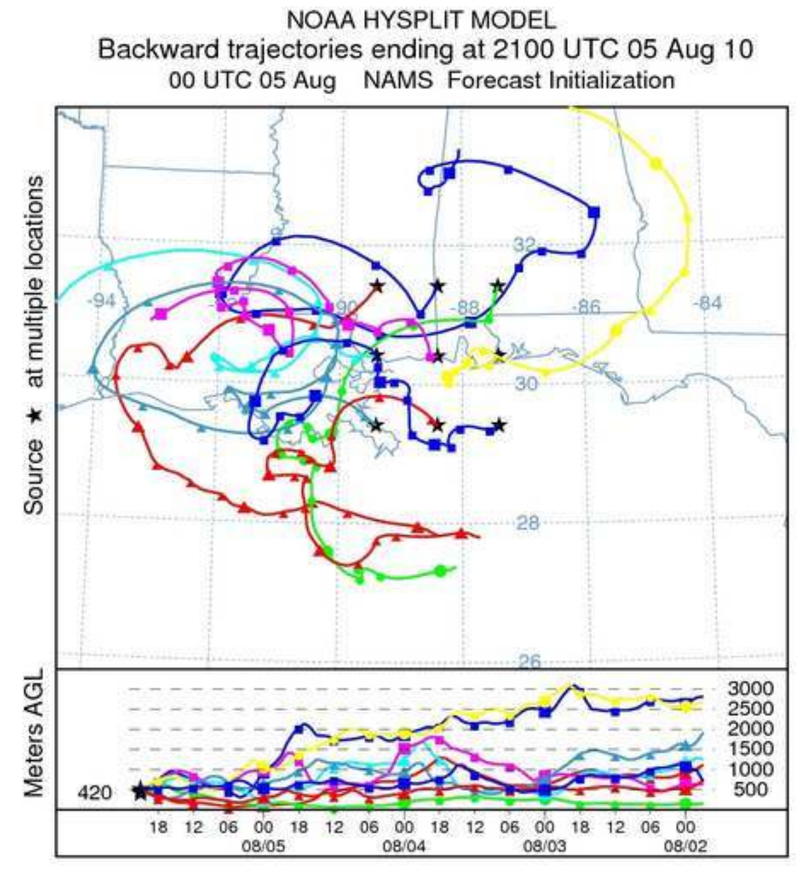

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
08/05
08/04
08/03
08/02

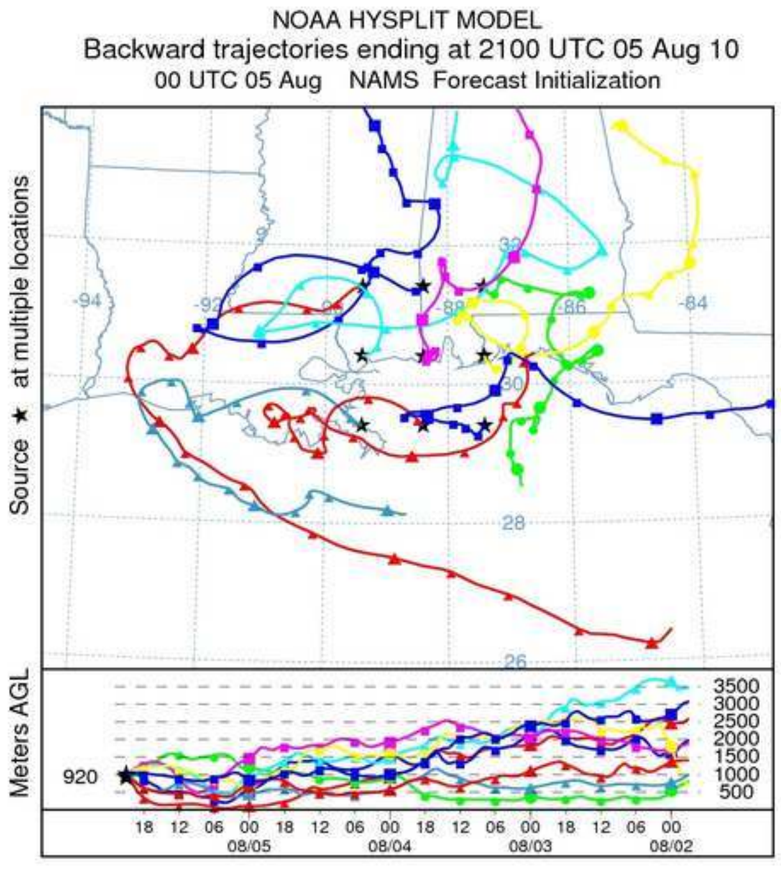

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1922
08/05
08/04
08/03
08/02

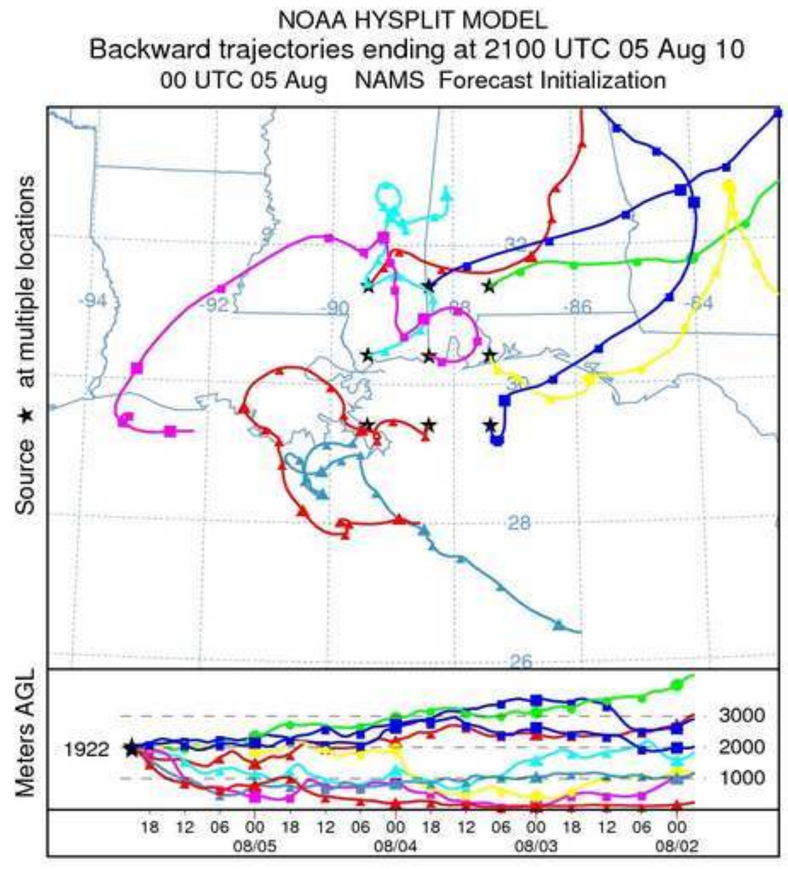

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
08/05
08/04
08/03
08/02

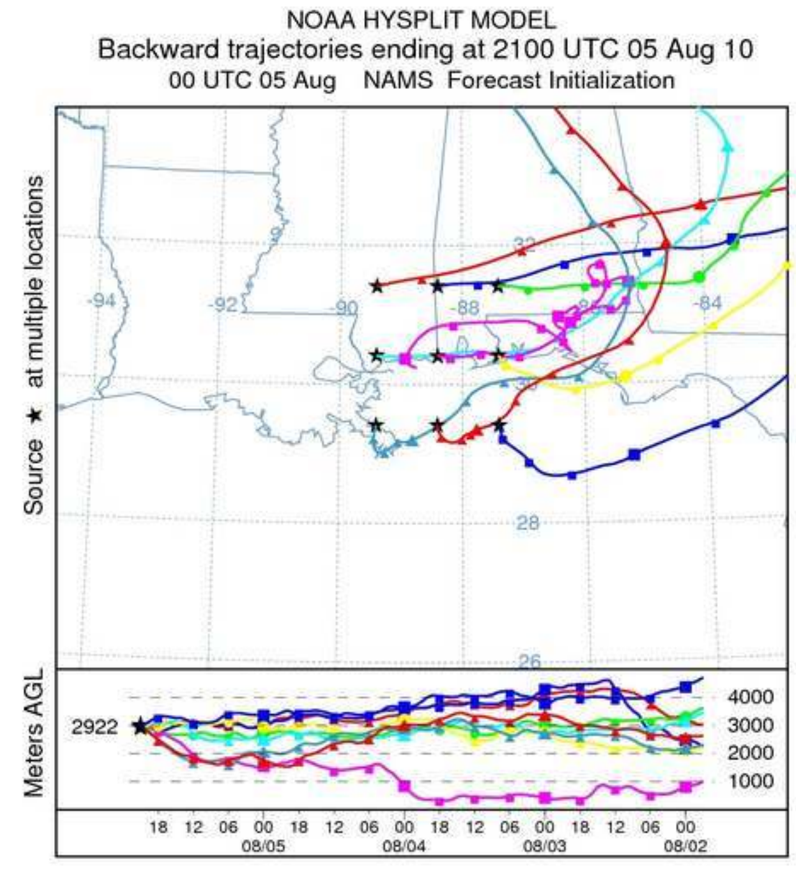

FORECAST for 2010_08_05, local hour = 16
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

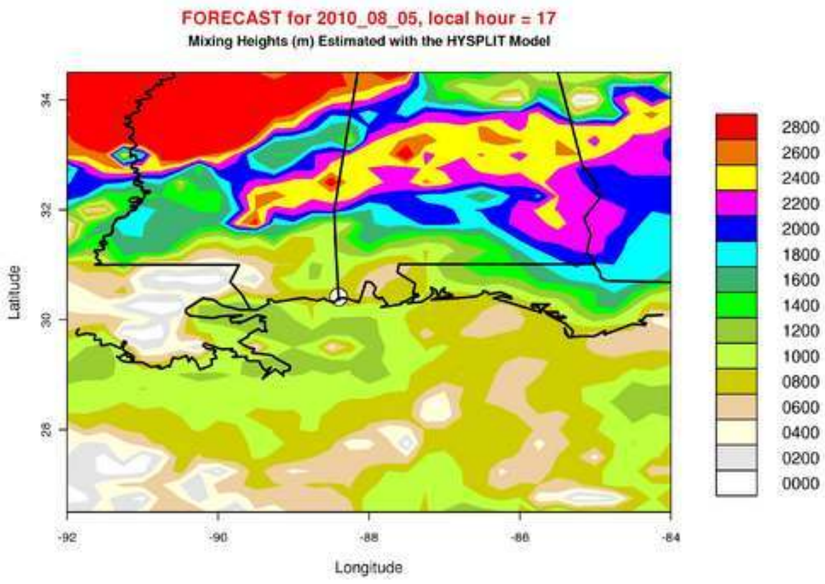

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170

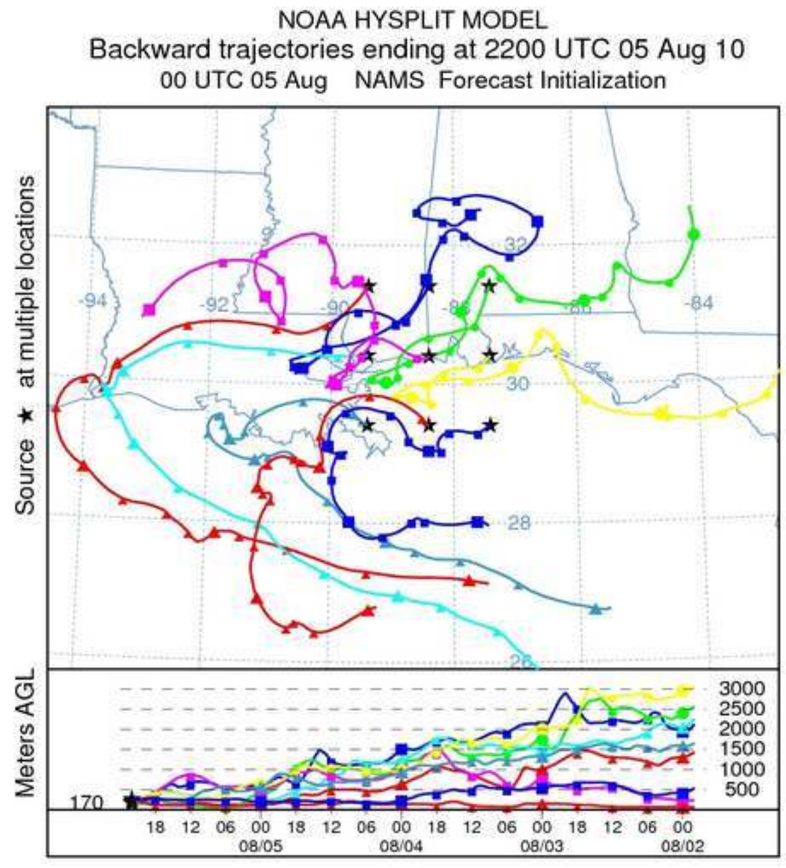

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420

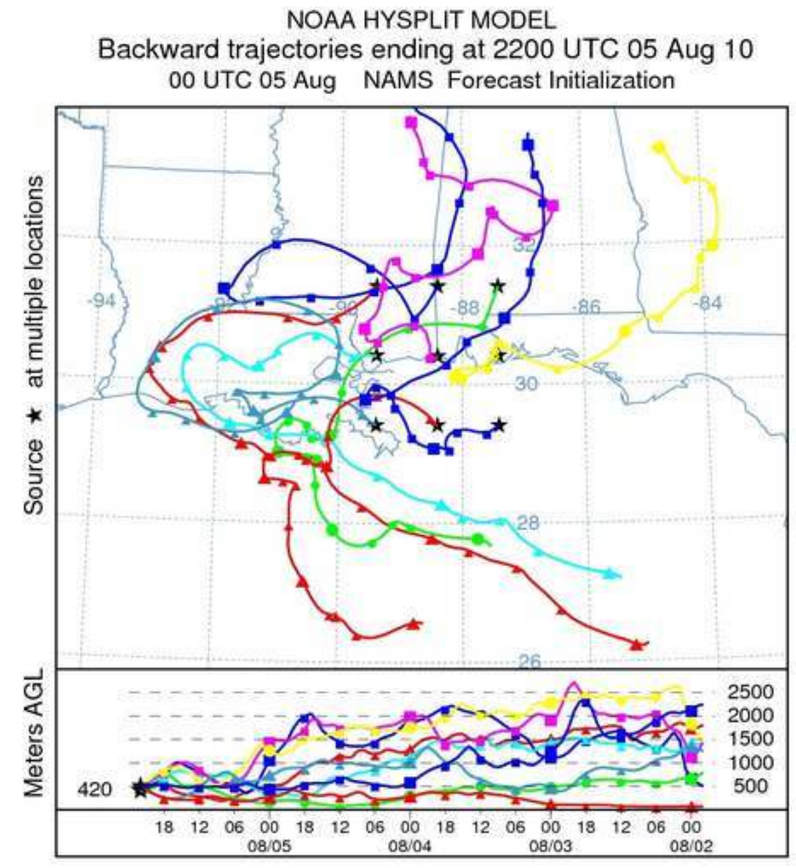

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920

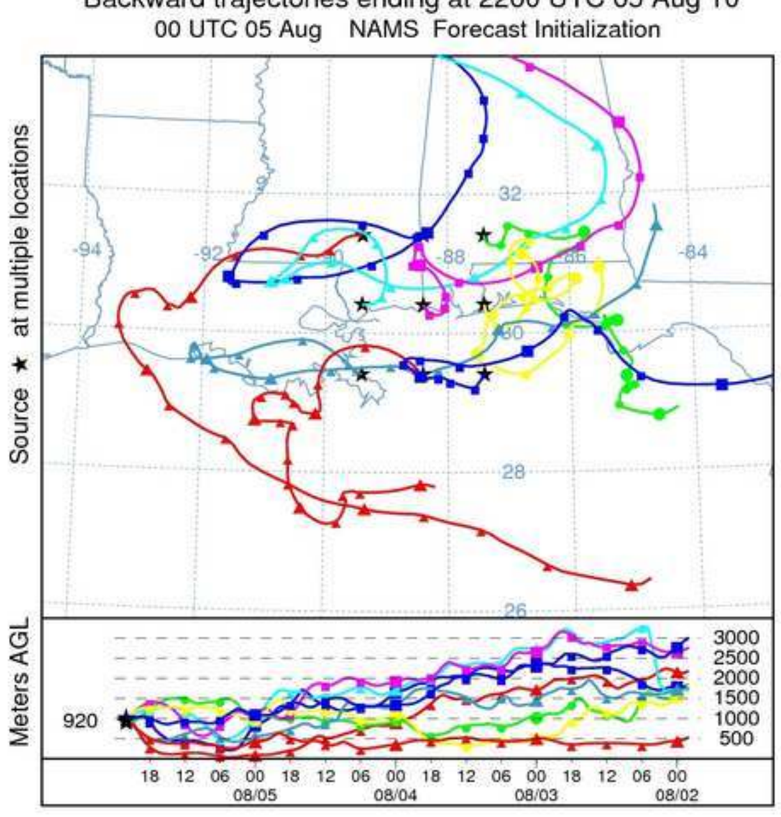

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1922

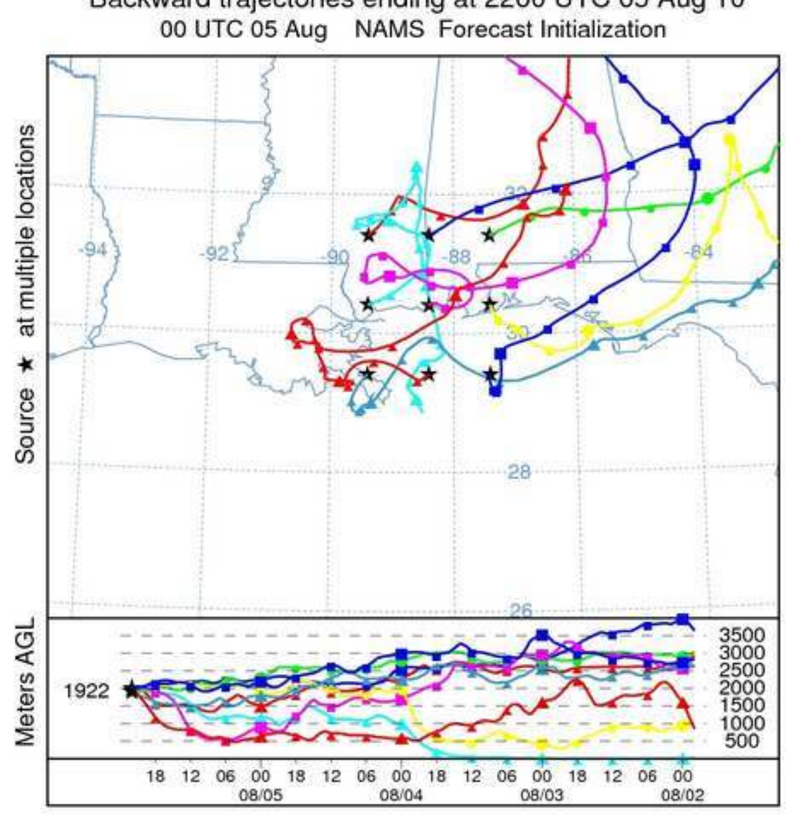

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922

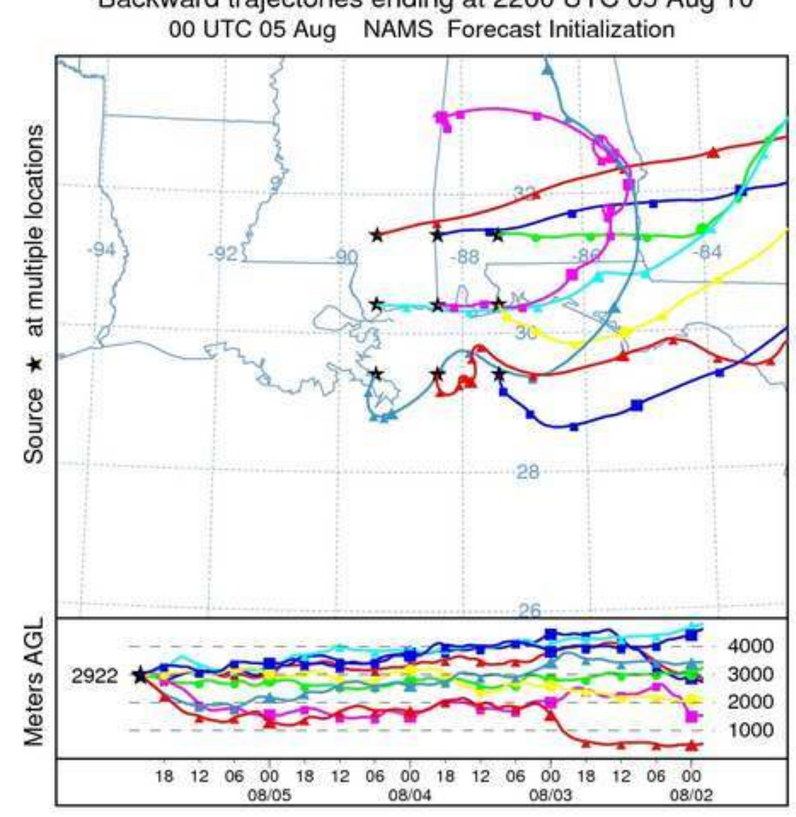

FORECAST for 2010_08_05, local hour = 17
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

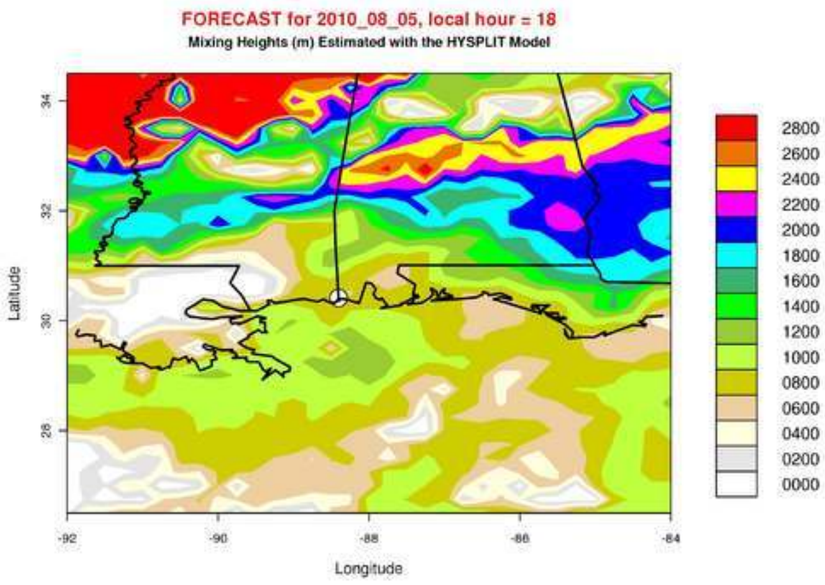

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
08/05
08/04
08/03
08/02

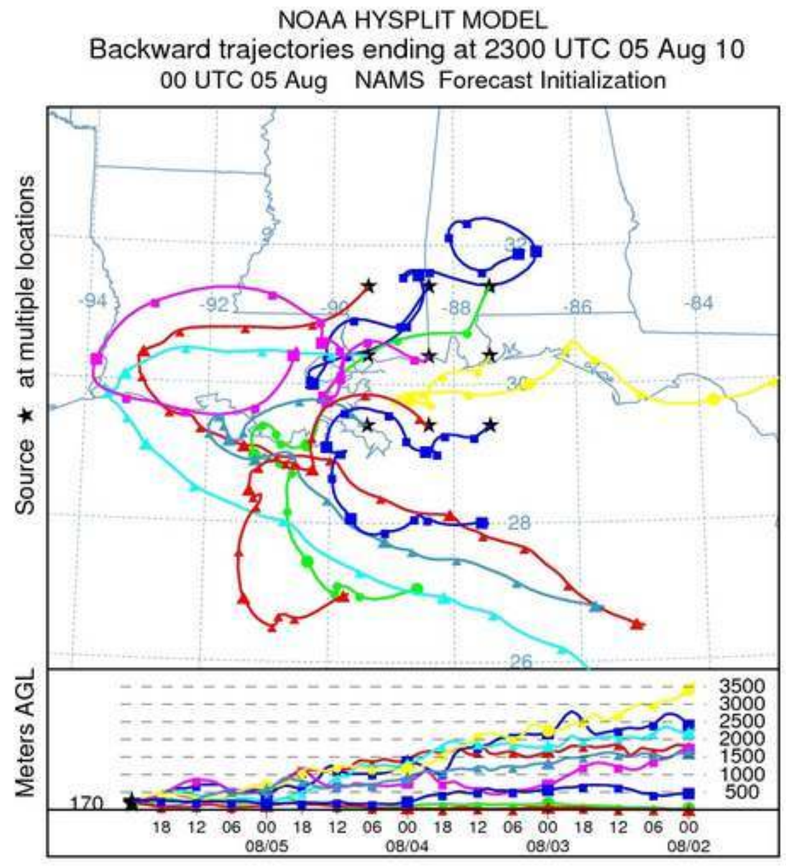

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
08/05
08/04
08/03
08/02

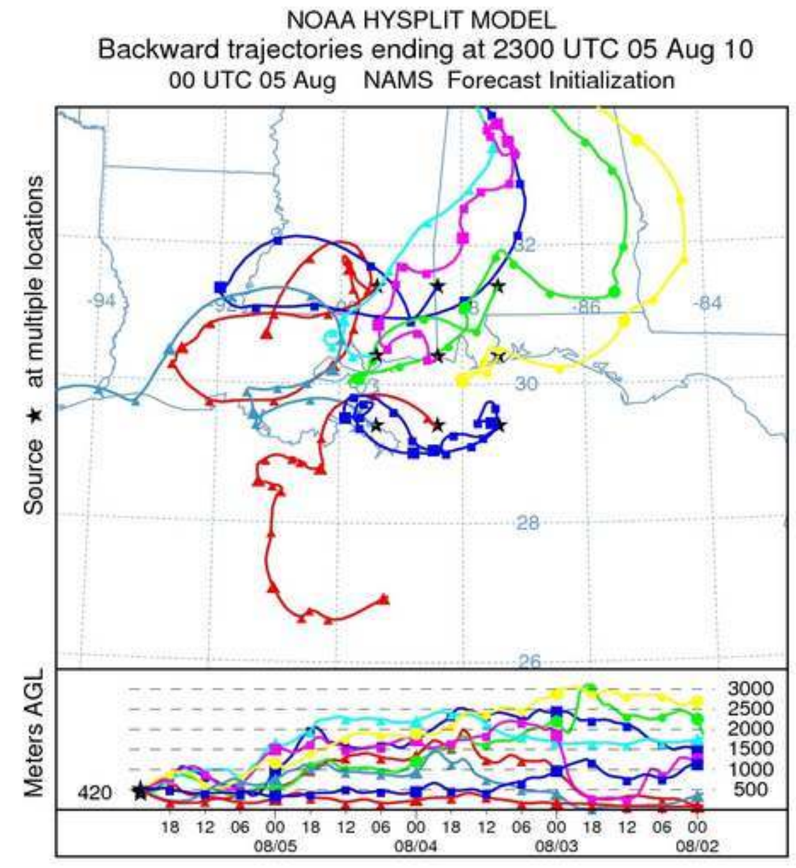

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
08/05
08/04
08/03
08/02

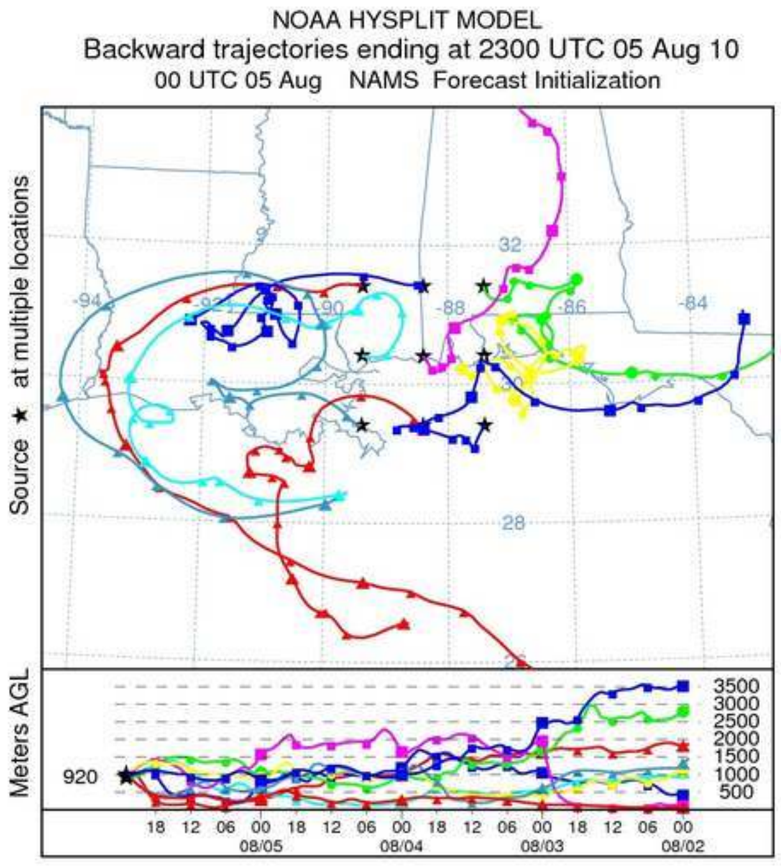

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1922
08/05
08/04
08/03
08/02

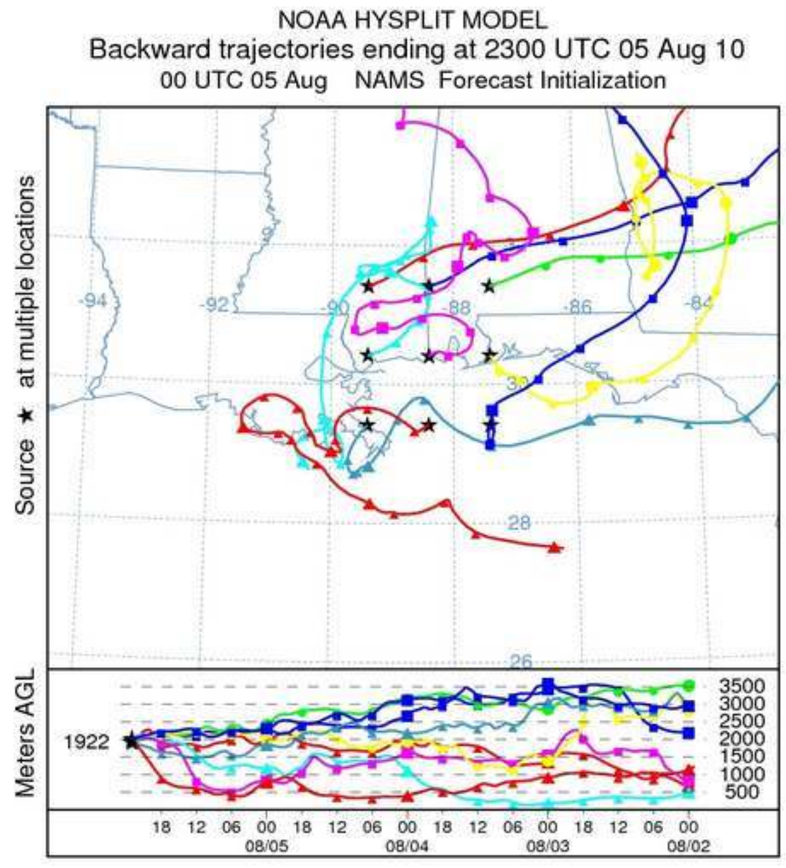

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
08/05
08/04
08/03
08/02

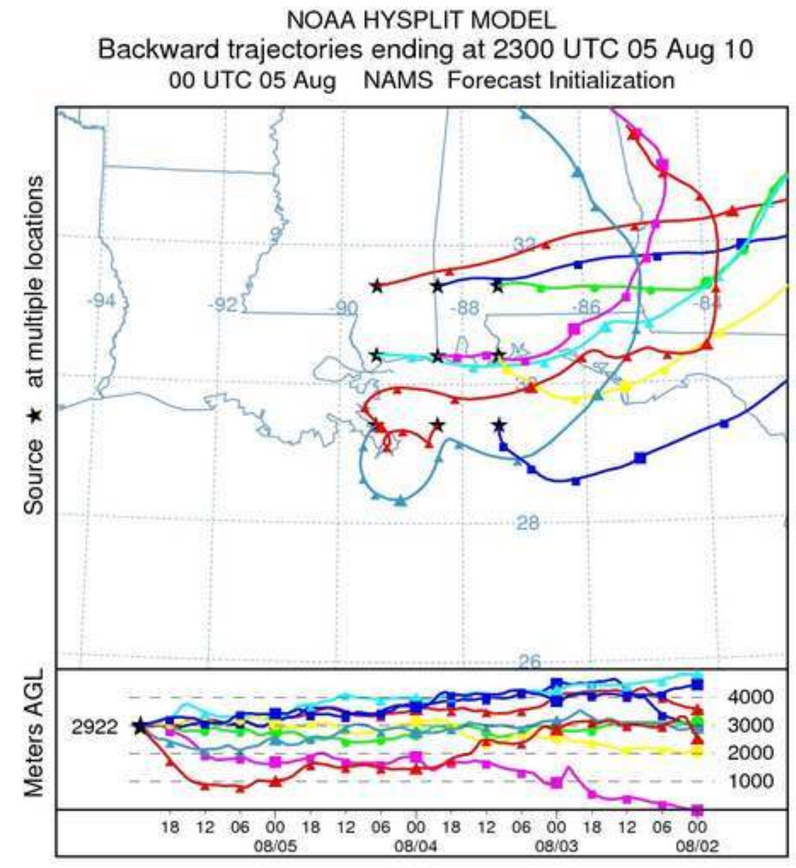

FORECAST for 2010_08_05, local hour = 18
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

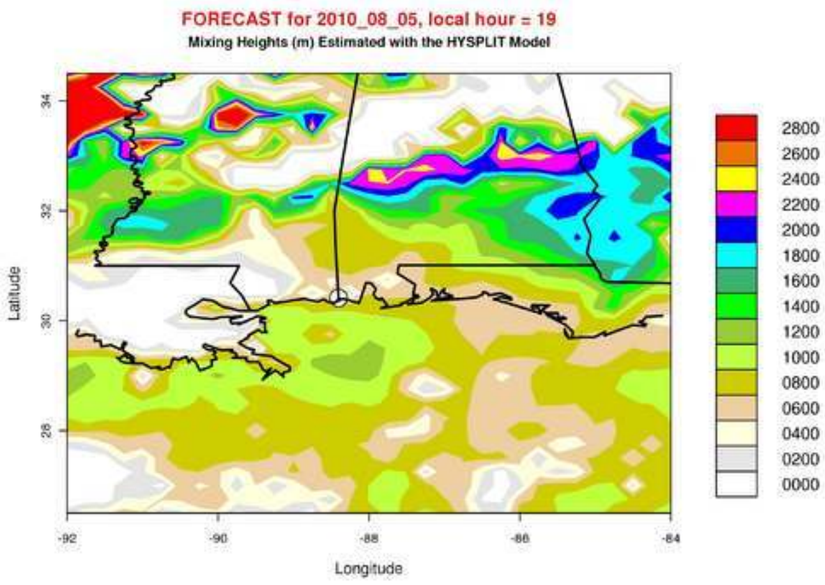

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
08/05
08/04
08/03
08/02

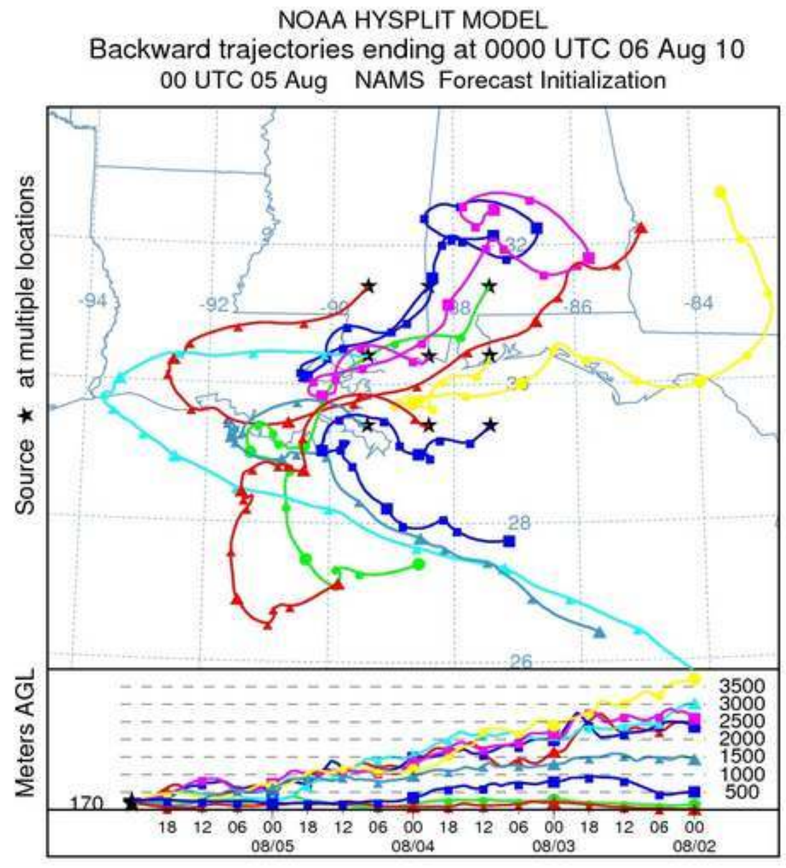

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
08/05
08/04
08/03
08/02

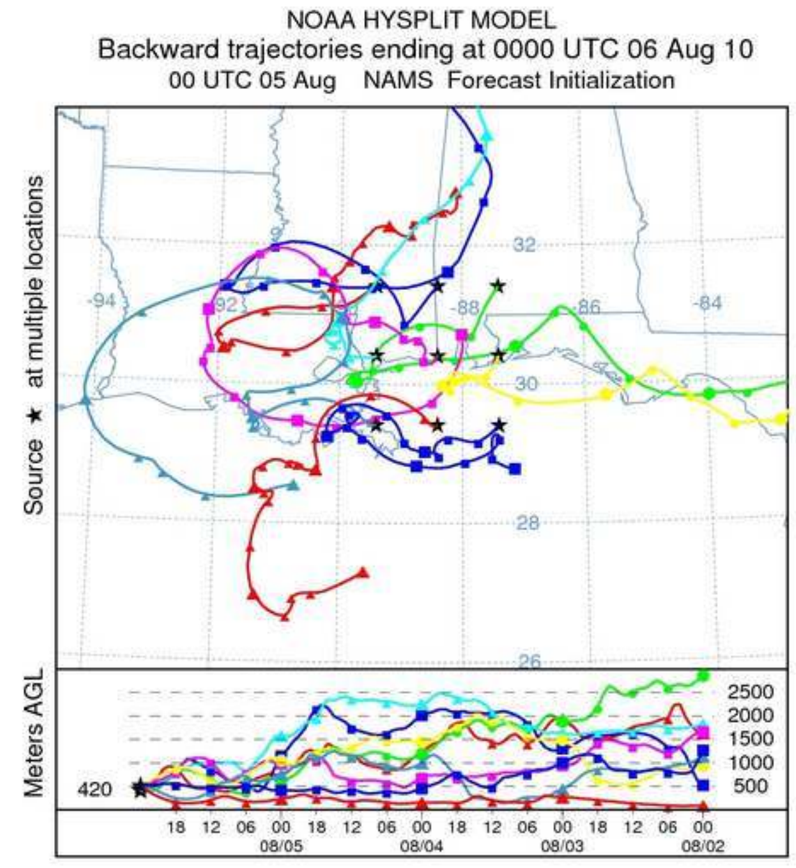

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
08/05
08/04
08/03
08/02

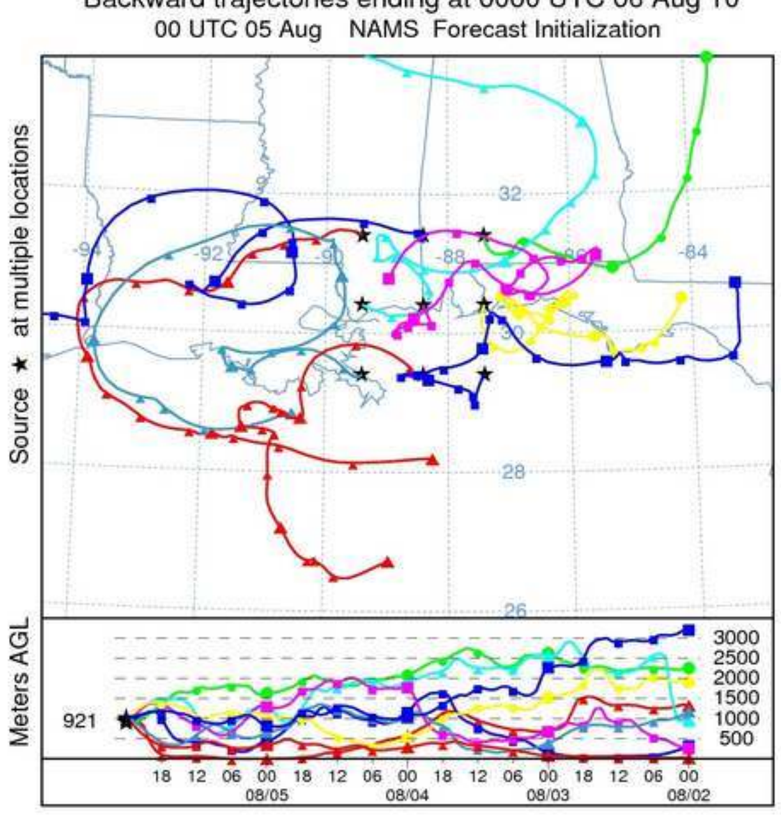

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1922
08/05
08/04
08/03
08/02

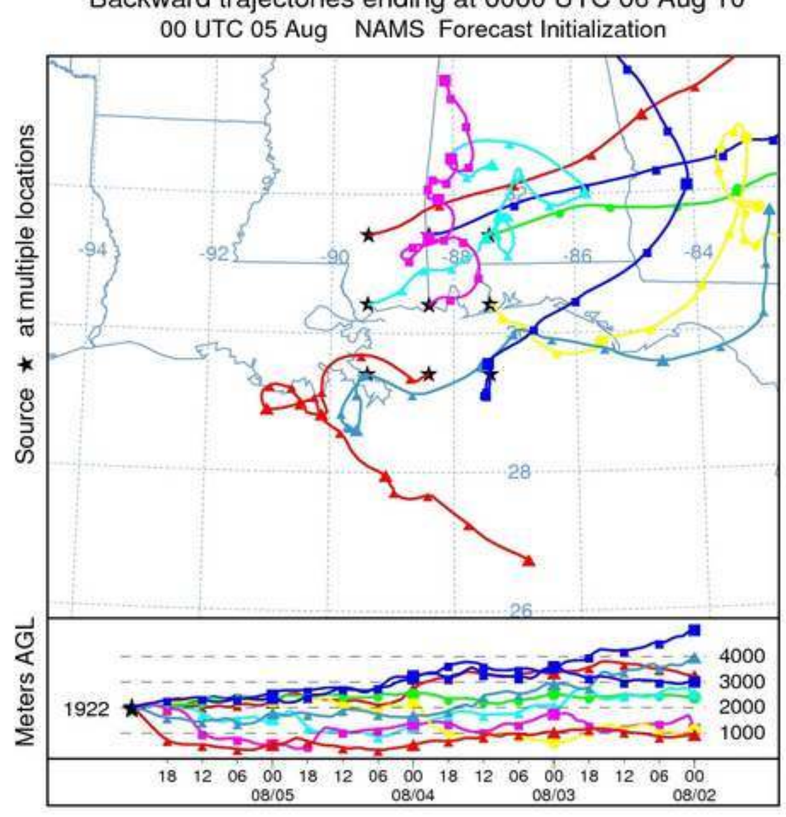

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 05 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
08/05
08/04
08/03
08/02

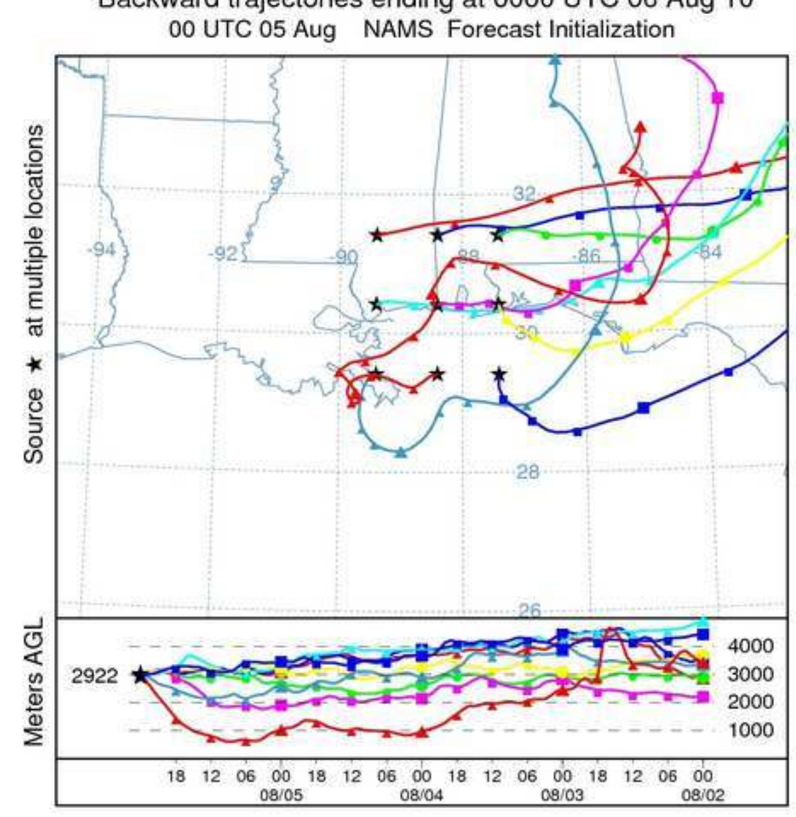

FORECAST for 2010_08_05, local hour = 19
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

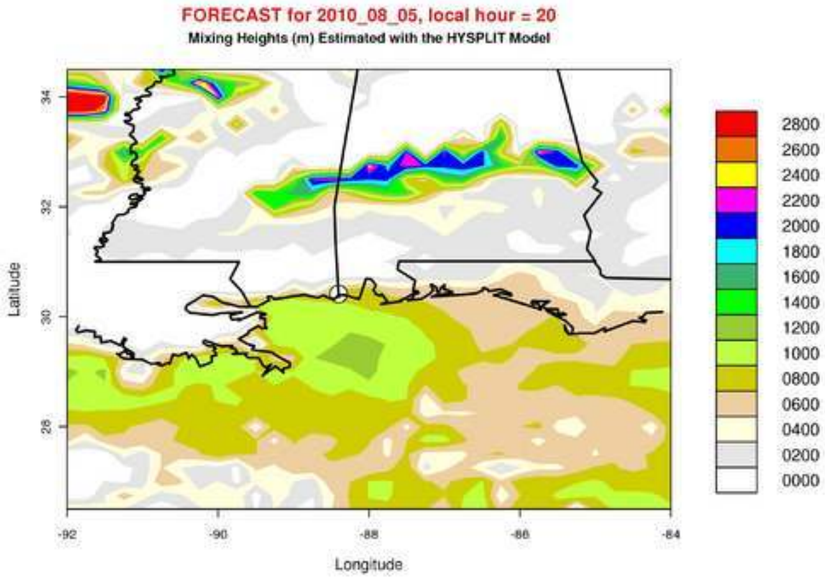

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 06 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
3500
3000
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

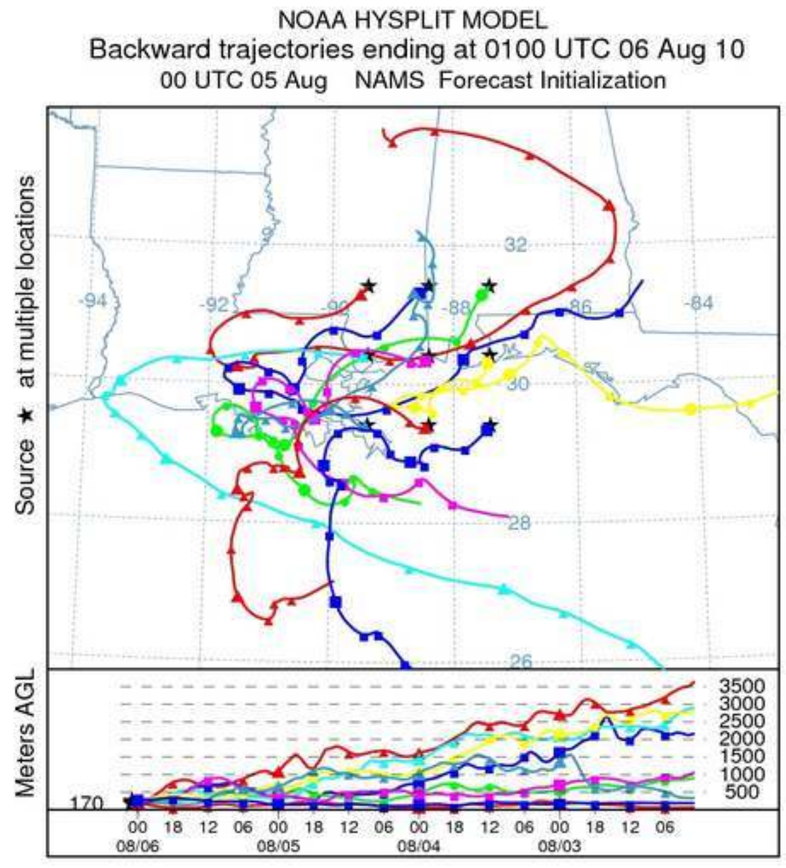

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 06 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

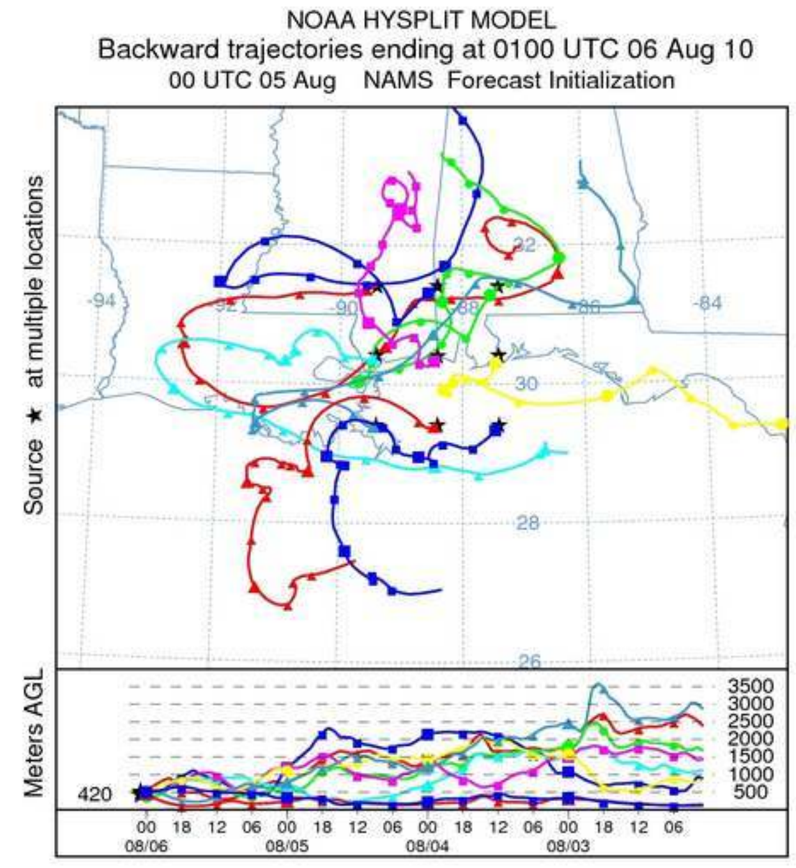

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 06 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
3000
2500
2000
1500
1000
500
08/05
08/04
08/03
08/02

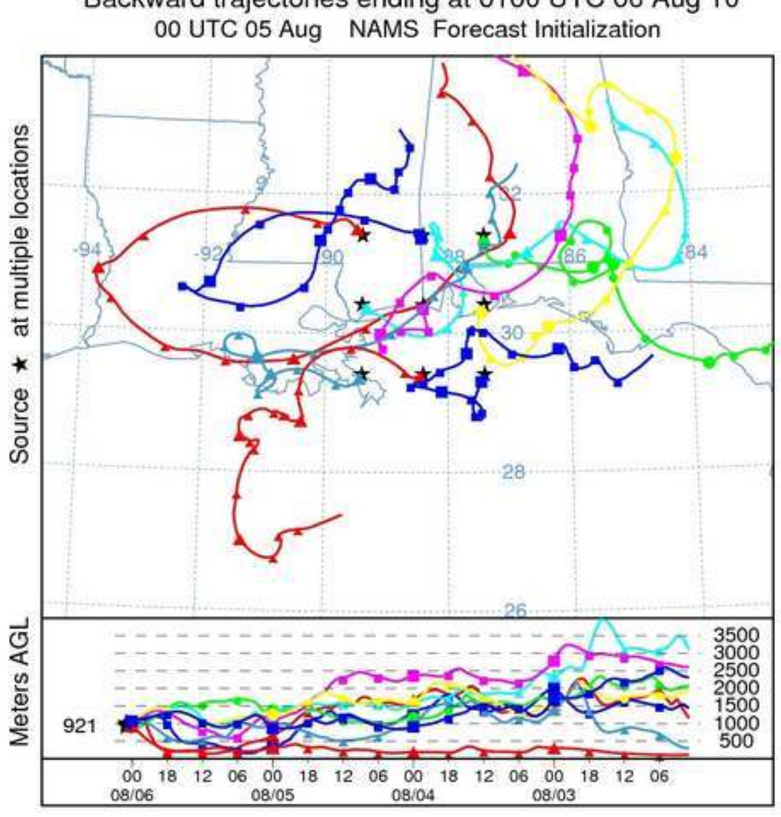

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 06 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1922
4000
3000
2000
1000
08/05
08/04
08/03
08/02

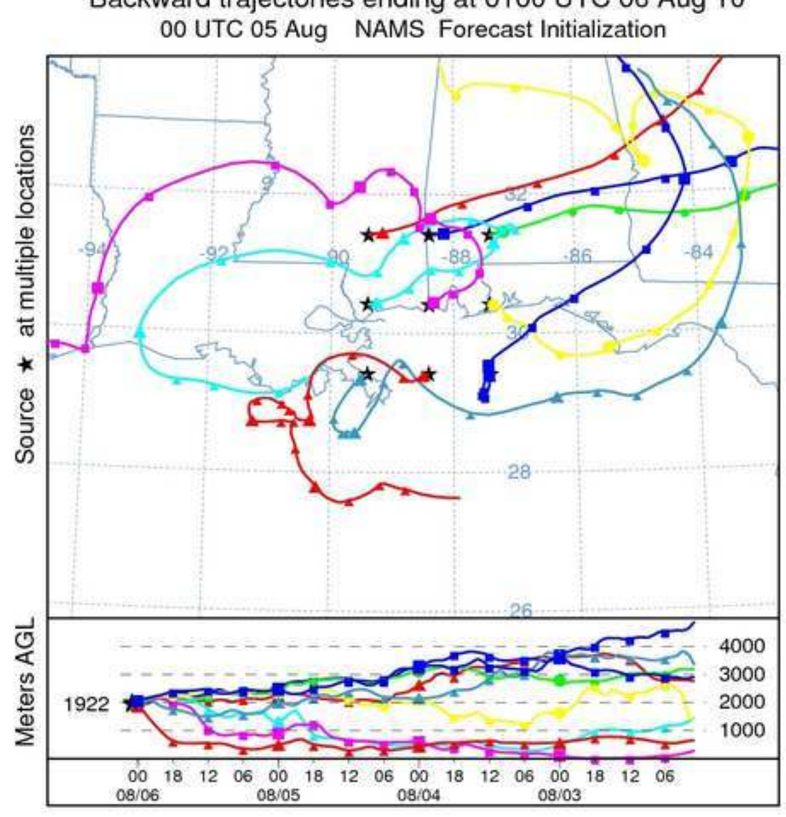

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 06 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
4000
3000
2000
1000
08/05
08/04
08/03
08/02

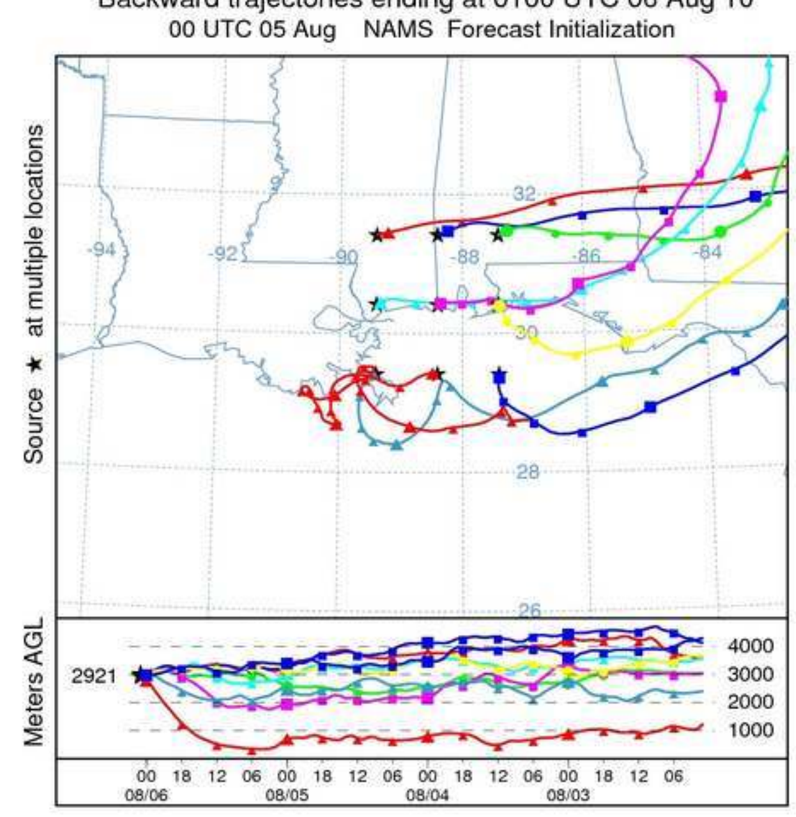

FORECAST for 2010_08_05, local hour = 20
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 06 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
08/06
08/05
08/04
08/03

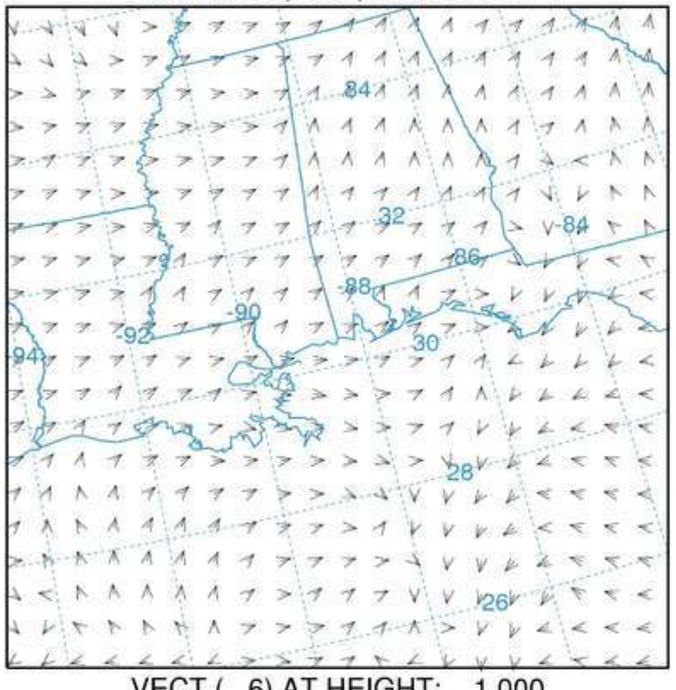

NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 06 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
08/06
08/05
08/04
08/03


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 06 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
08/06
08/05
08/04
08/03


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 06 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1922
08/06
08/05
08/04
08/03


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 06 Aug 10
00 UTC 05 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
08/06
08/05
08/04
08/03

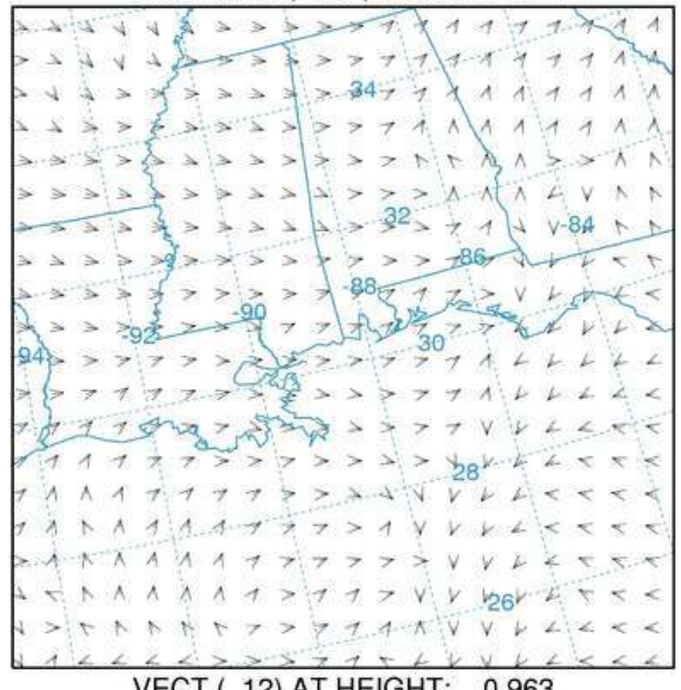
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/14



VECT (6) AT HEIGHT: 1.000

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

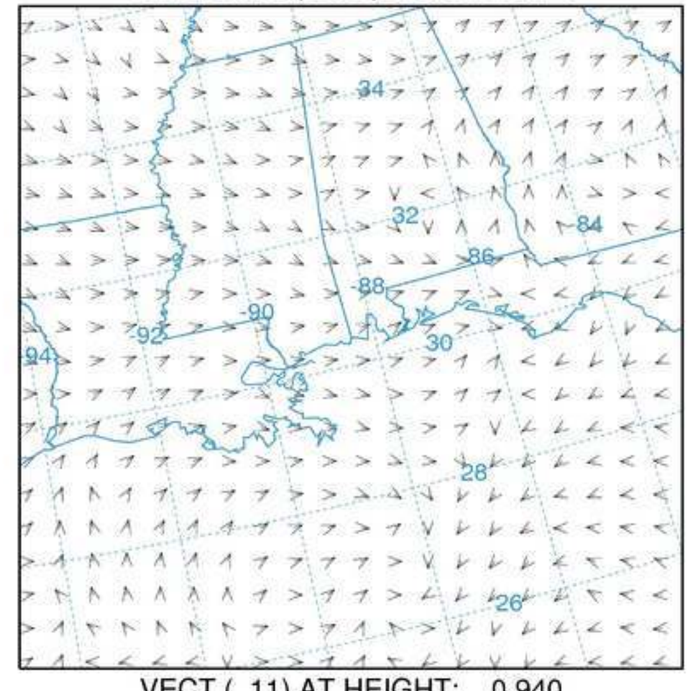
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/14



VECT (12) AT HEIGHT: 0.963

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

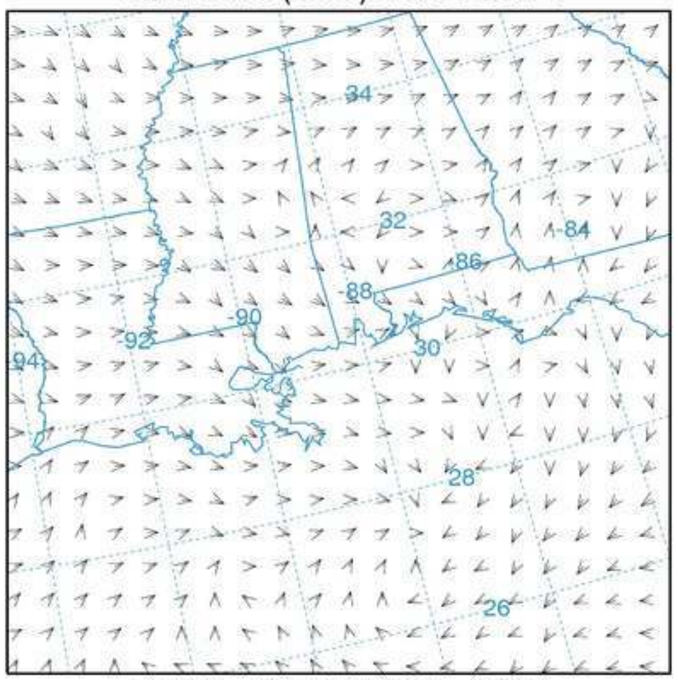
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/14



VECT (11) AT HEIGHT: 0.940

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

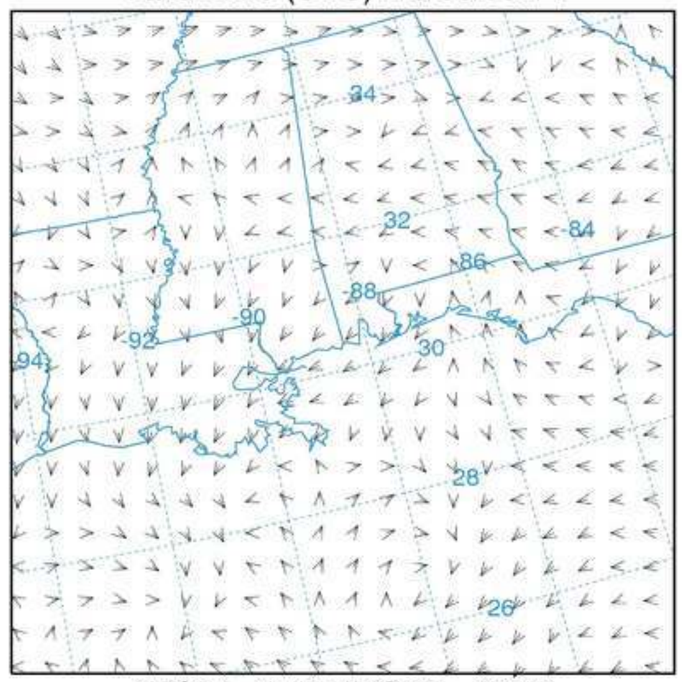
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/14



VECT (8) AT HEIGHT: 0.904

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

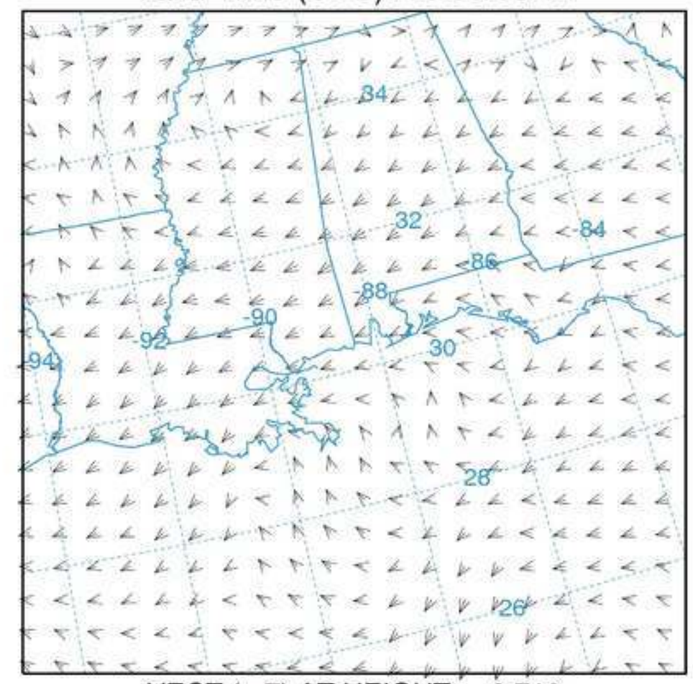
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/14



VECT (8) AT HEIGHT: 0.826

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

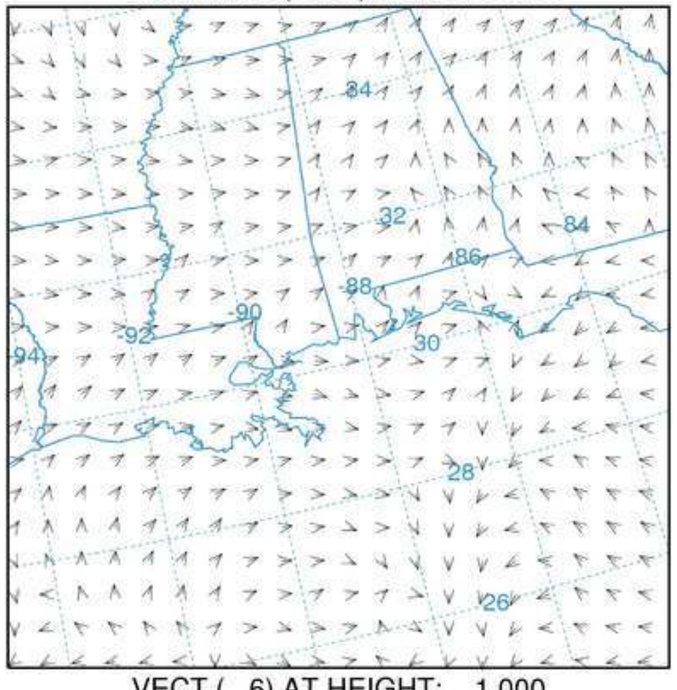
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/14



VECT (7) AT HEIGHT: 0.718

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

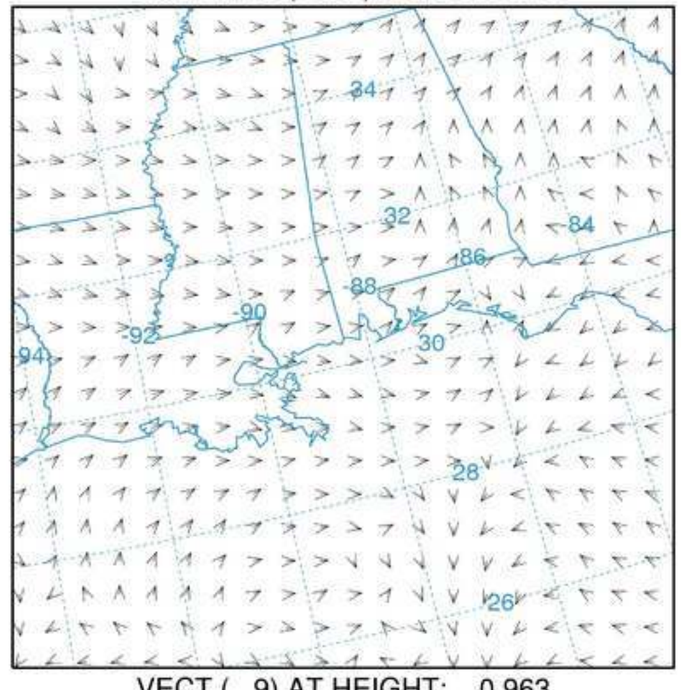
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/15



VECT (6) AT HEIGHT: 1.000

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

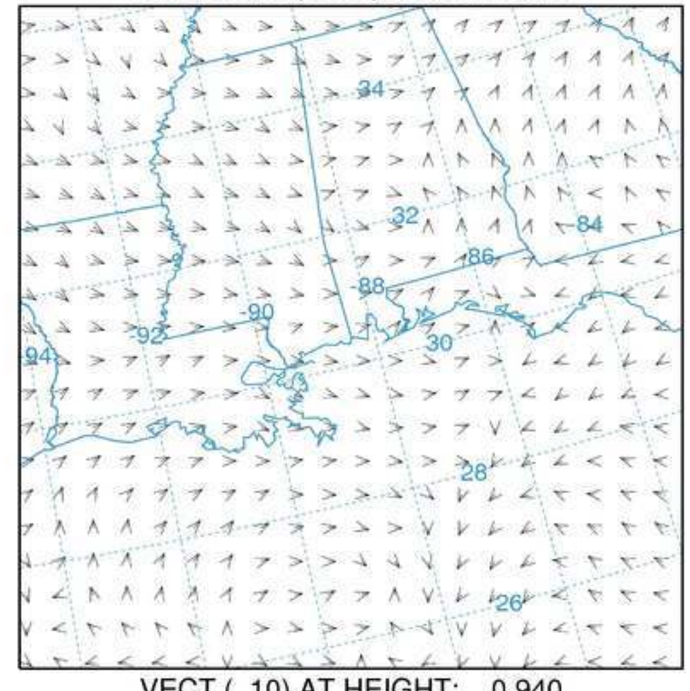
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/15



VECT (9) AT HEIGHT: 0.963

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

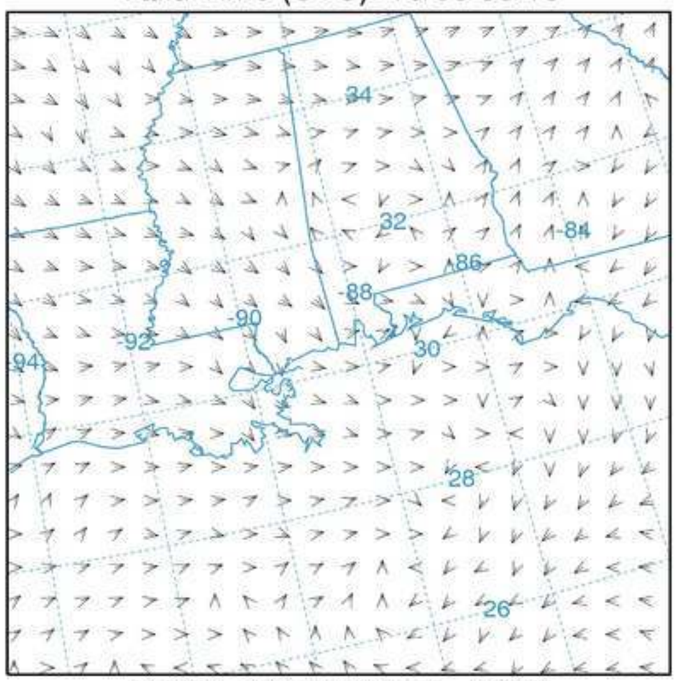
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/15



VECT (10) AT HEIGHT: 0.940

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

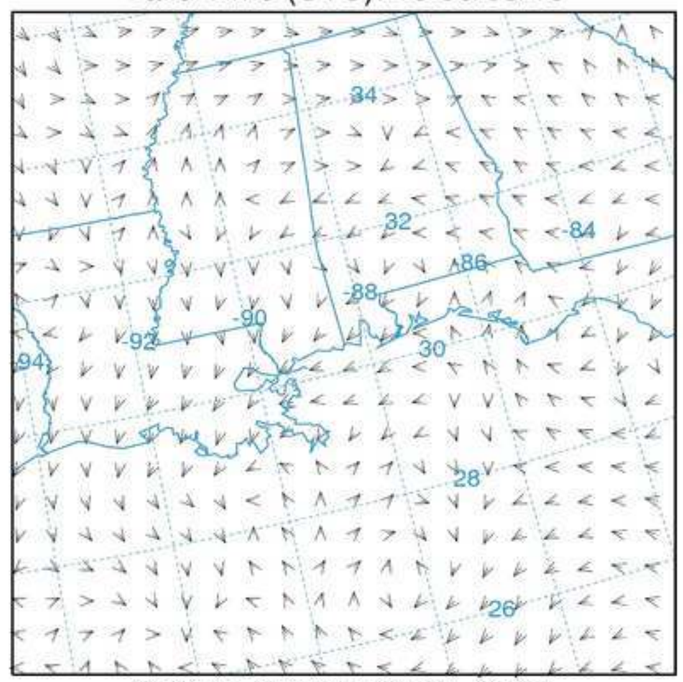
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/15



VECT (7) AT HEIGHT: 0.904

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

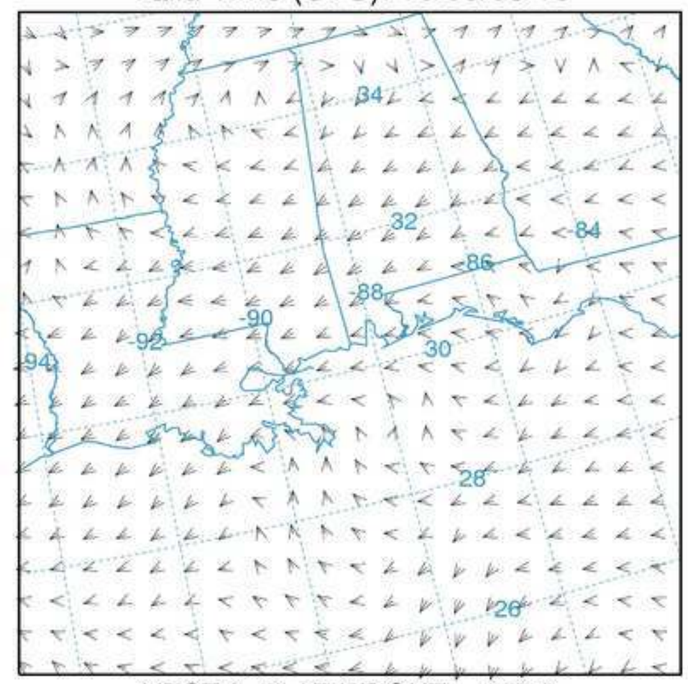
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/15



VECT (7) AT HEIGHT: 0.826

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

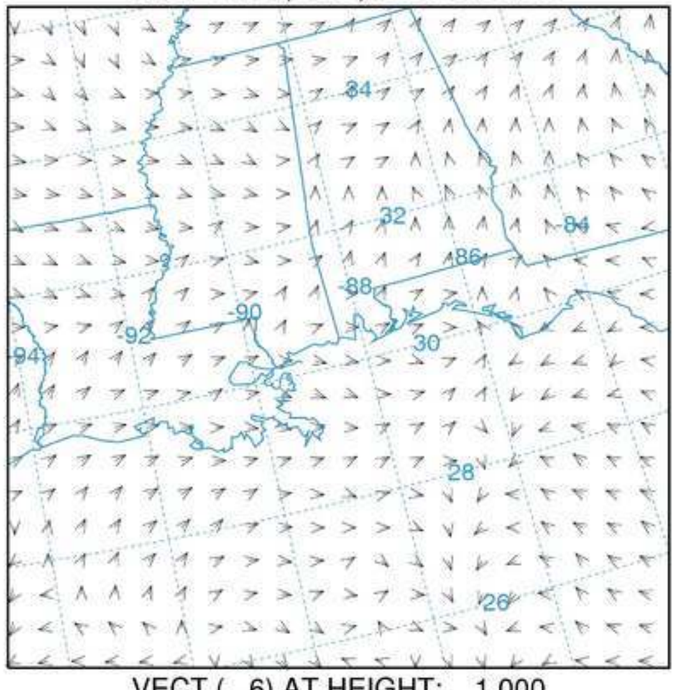
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/15



VECT (7) AT HEIGHT: 0.718

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

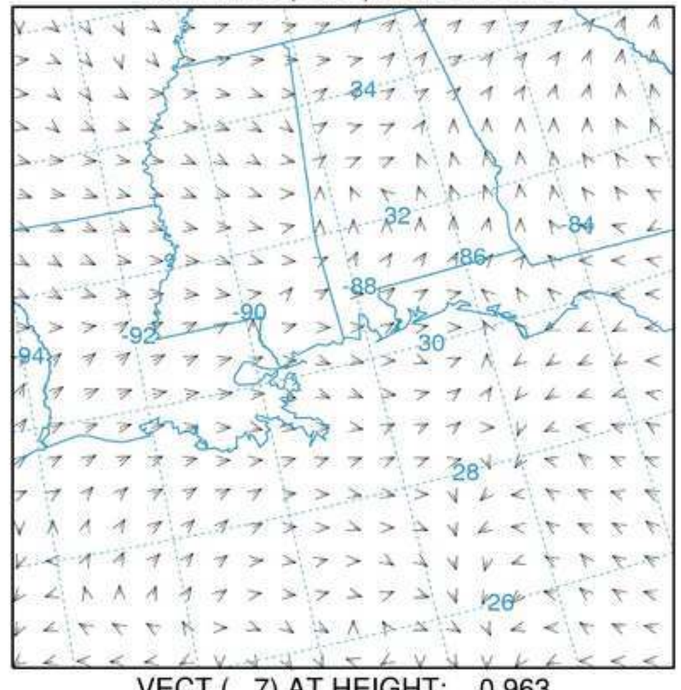
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/16



VECT (6) AT HEIGHT: 1.000

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

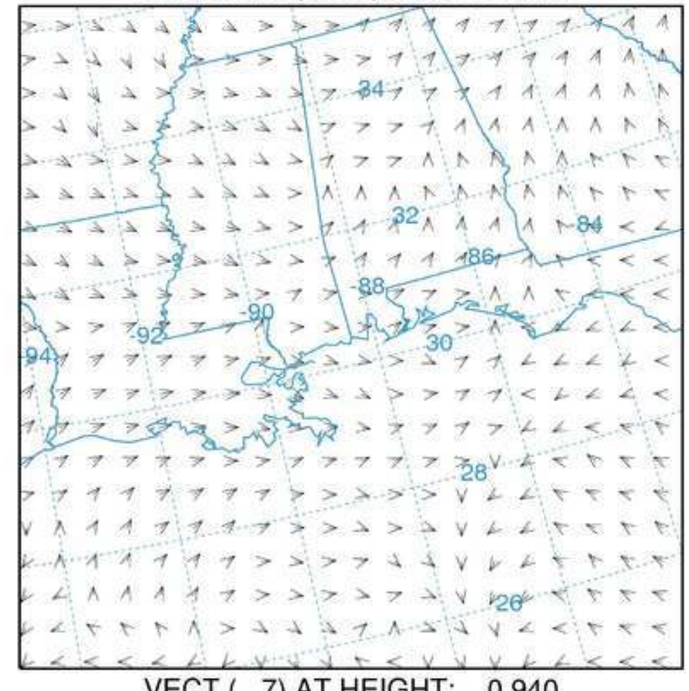
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/16



VECT (7) AT HEIGHT: 0.963

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

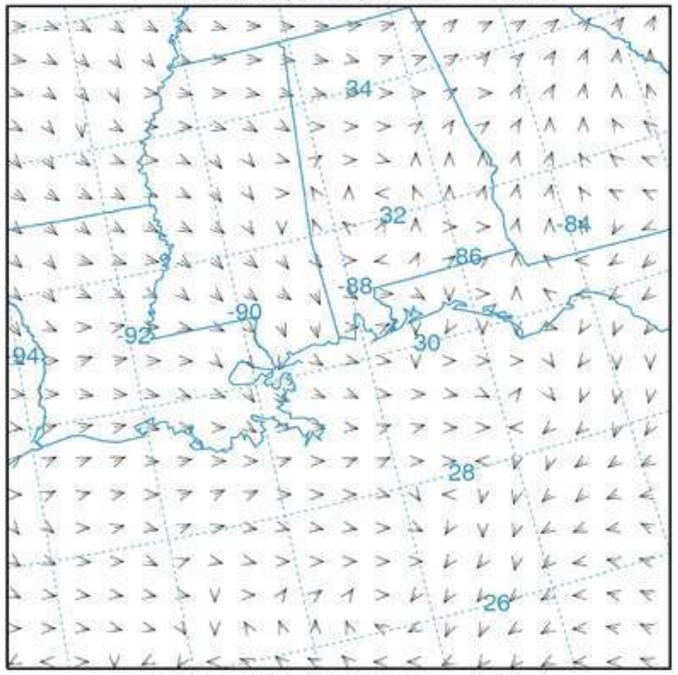
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/16



VECT (7) AT HEIGHT: 0.940

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

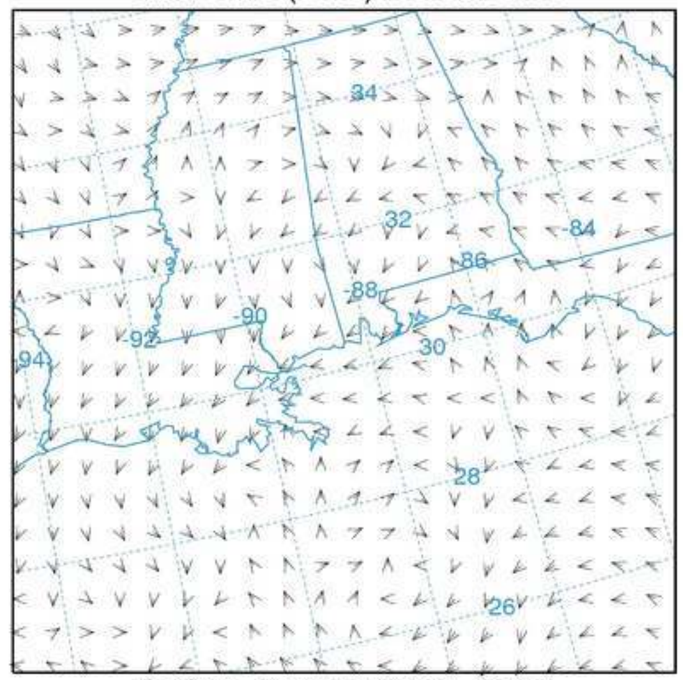
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/16



VECT (7) AT HEIGHT: 0.904

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

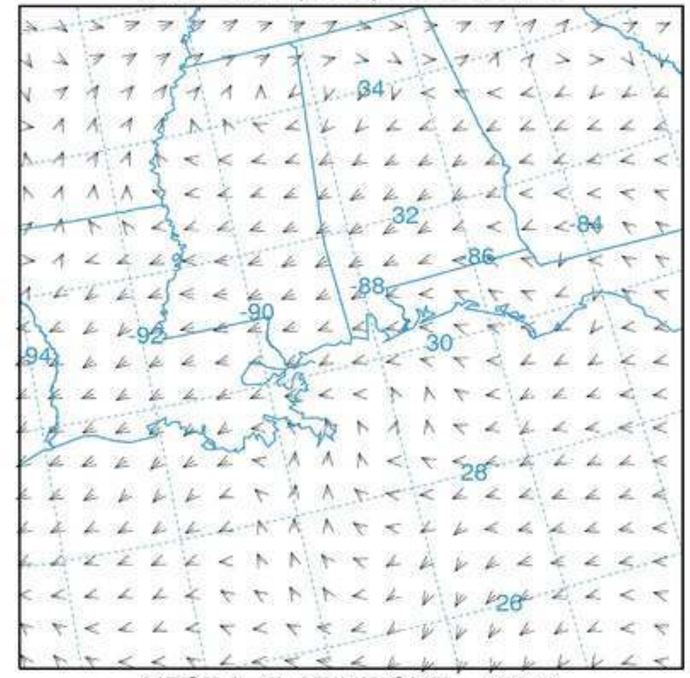
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/16



VECT (8) AT HEIGHT: 0.826

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

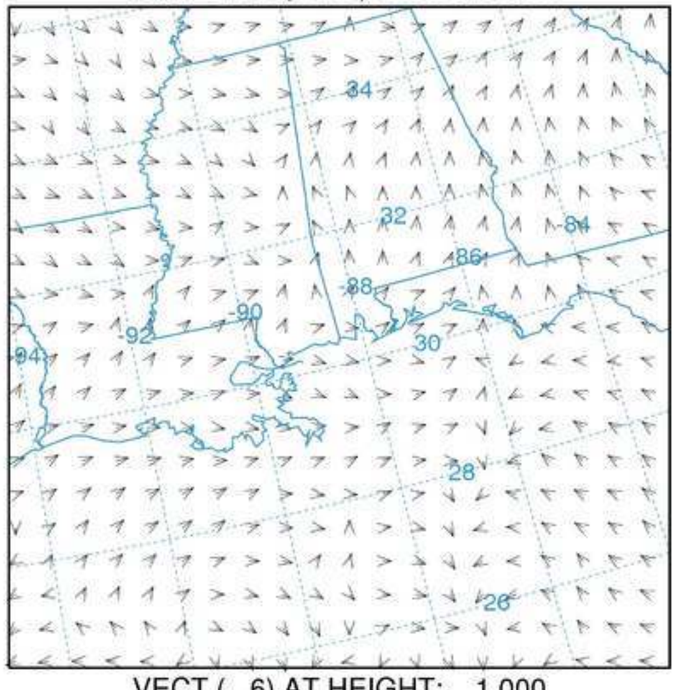
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/16



VECT (8) AT HEIGHT: 0.718

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

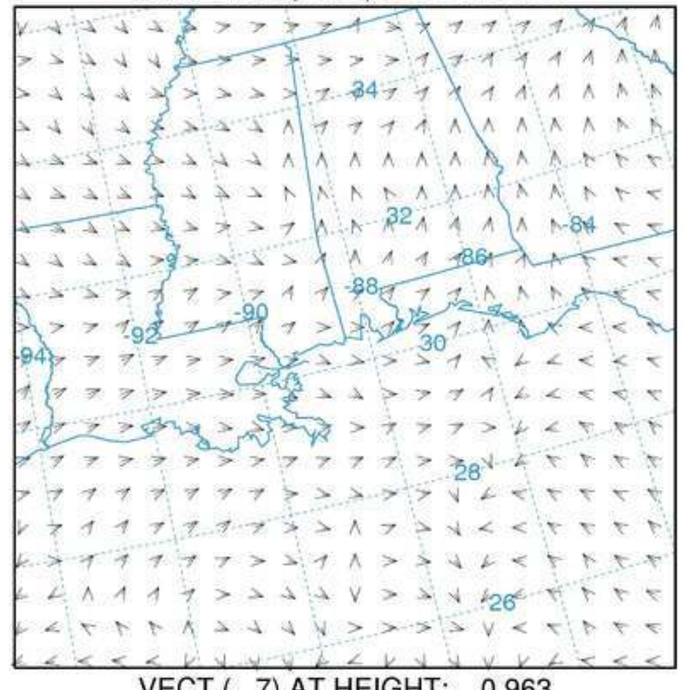
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/17



VECT (6) AT HEIGHT: 1.000

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

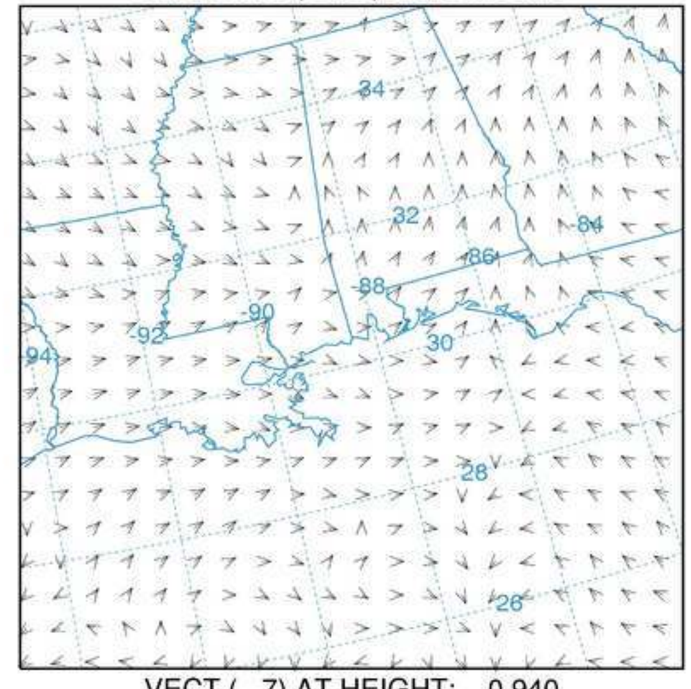
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/17



VECT (7) AT HEIGHT: 0.963

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

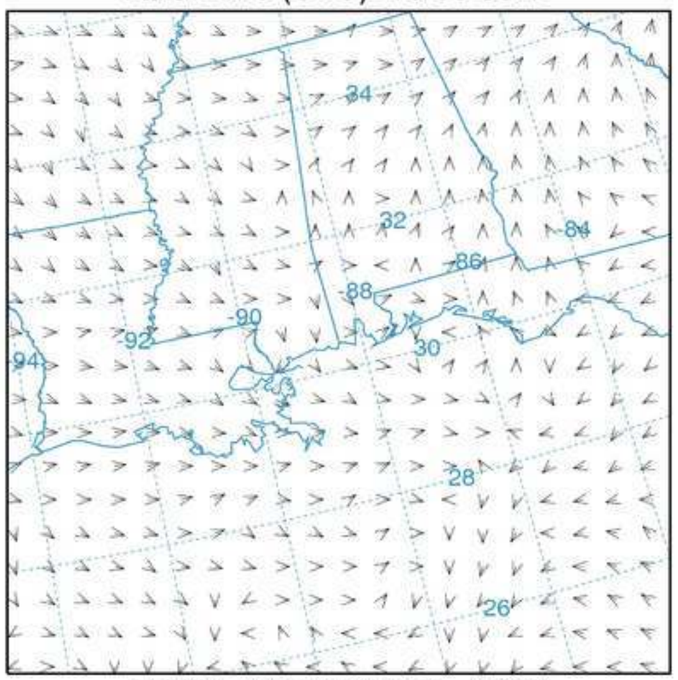
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/17



VECT (7) AT HEIGHT: 0.940

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

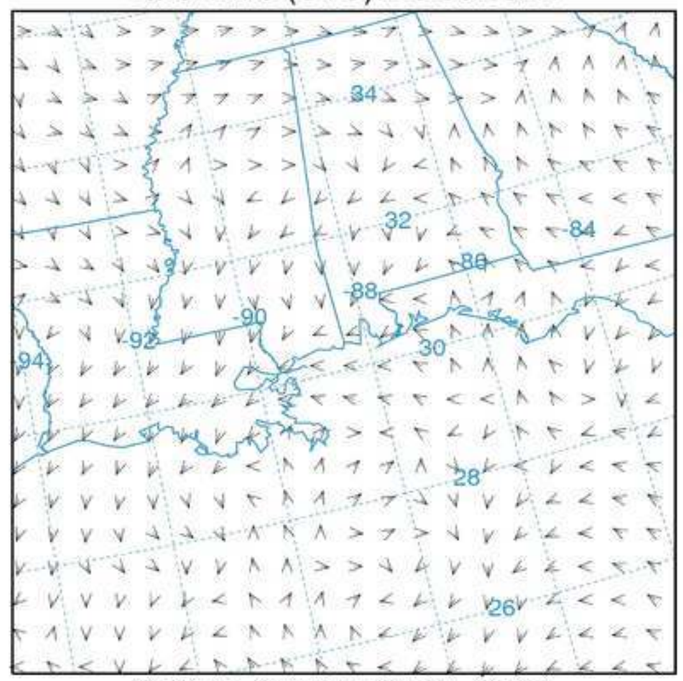
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/17



VECT (7) AT HEIGHT: 0.904

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

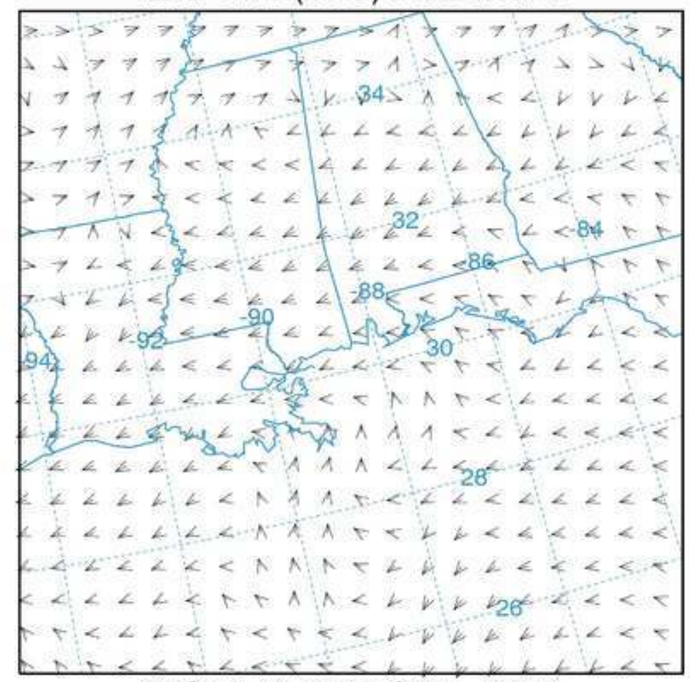
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/17



VECT (8) AT HEIGHT: 0.826

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

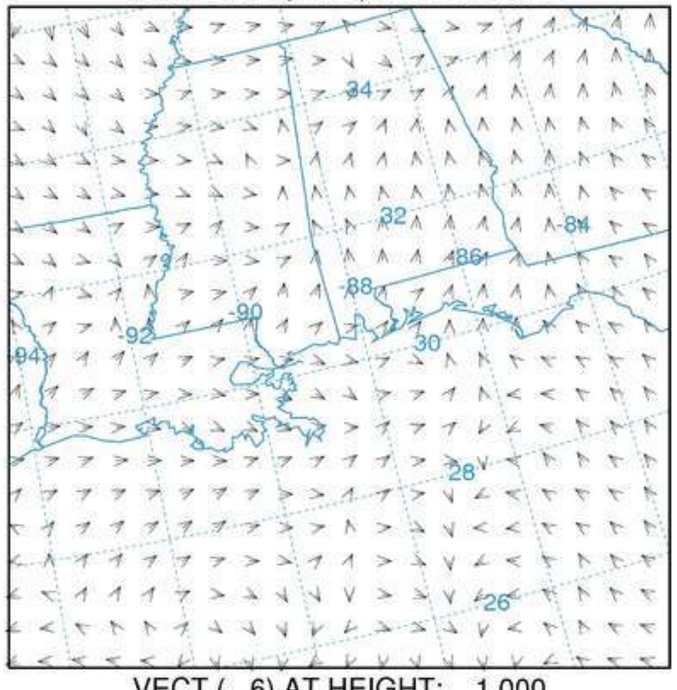
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/17



VECT (9) AT HEIGHT: 0.718

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

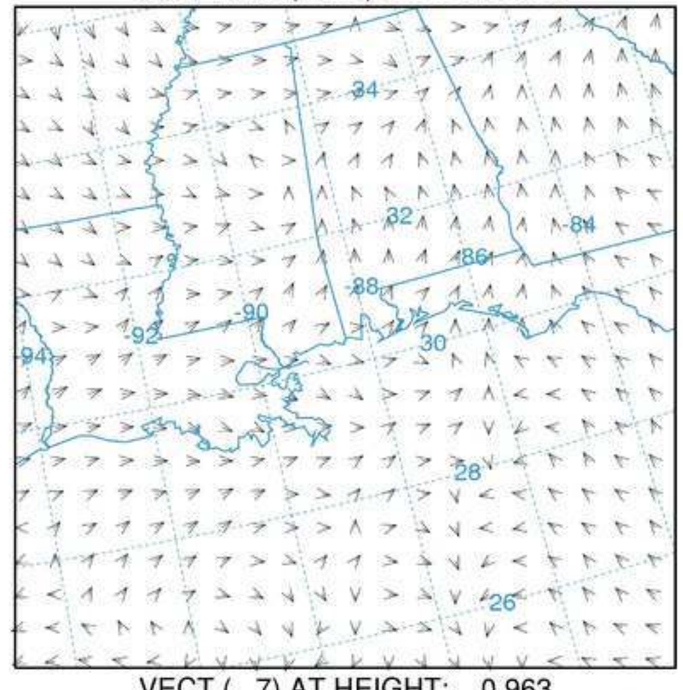
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/18



VECT (6) AT HEIGHT: 1.000

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

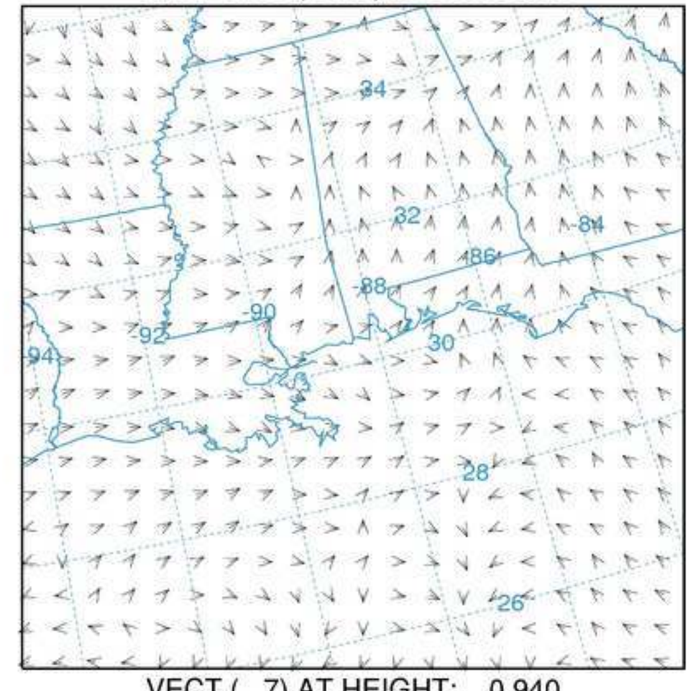
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/18



VECT (7) AT HEIGHT: 0.963

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

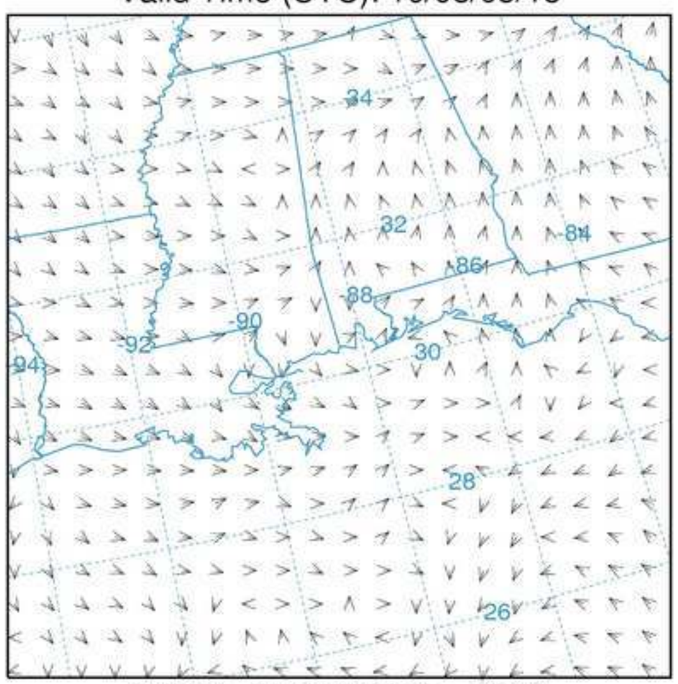
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/18



VECT (7) AT HEIGHT: 0.940

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

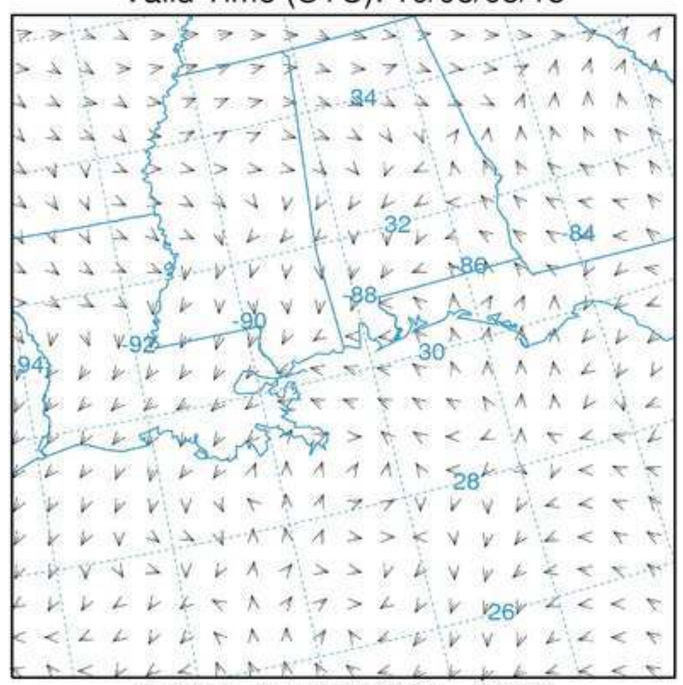
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/18



VECT (6) AT HEIGHT: 0.904

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

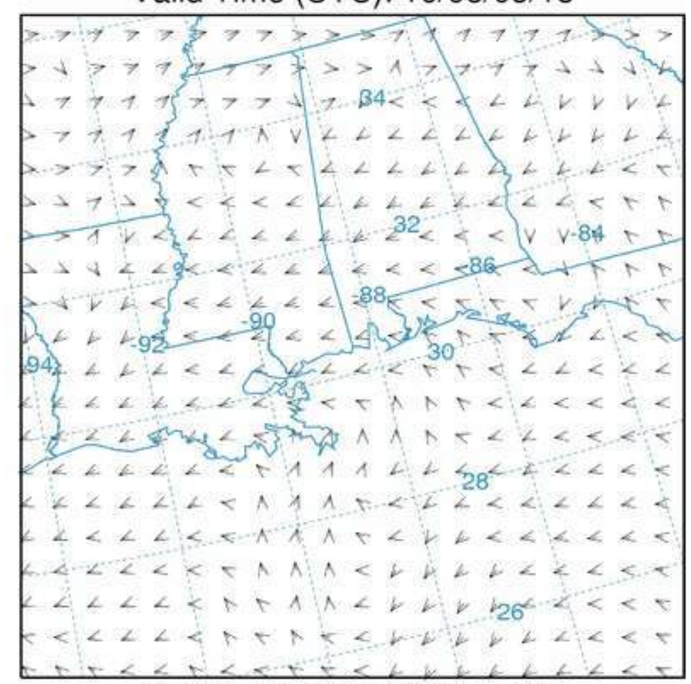
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/18



VECT (8) AT HEIGHT: 0.826

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

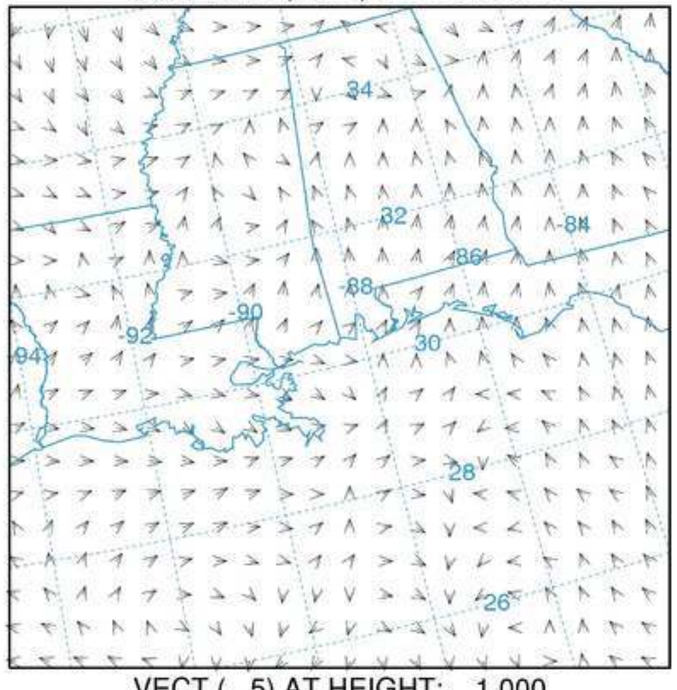
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/18



VECT (11) AT HEIGHT: 0.718

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

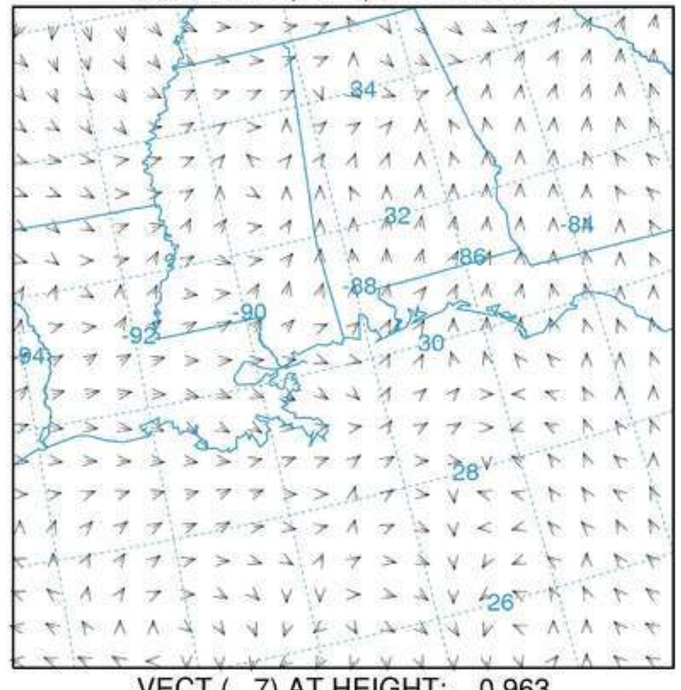
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/19



VECT (5) AT HEIGHT: 1.000

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

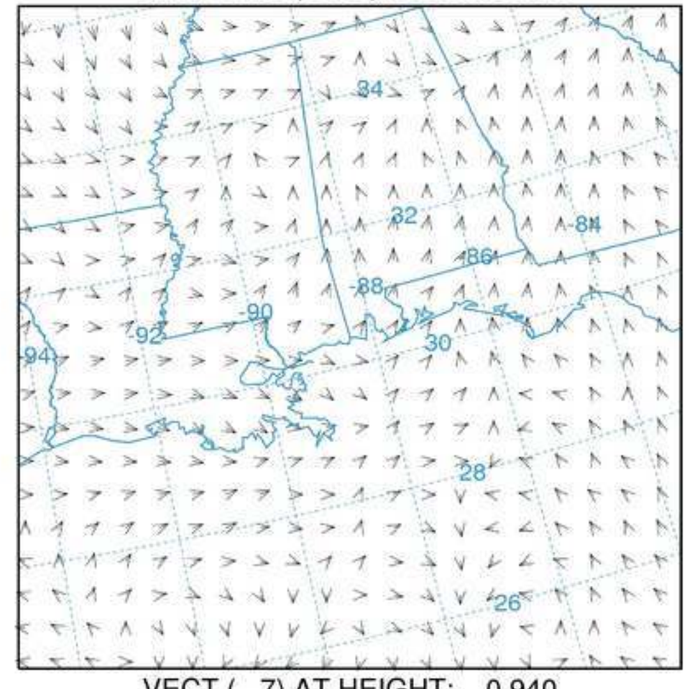
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/19



VECT (7) AT HEIGHT: 0.963

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

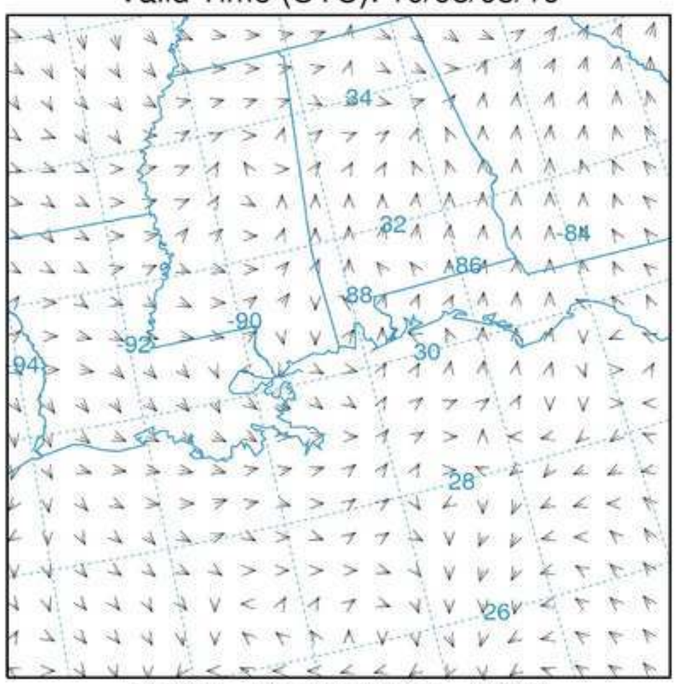
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/19



VECT (7) AT HEIGHT: 0.940

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

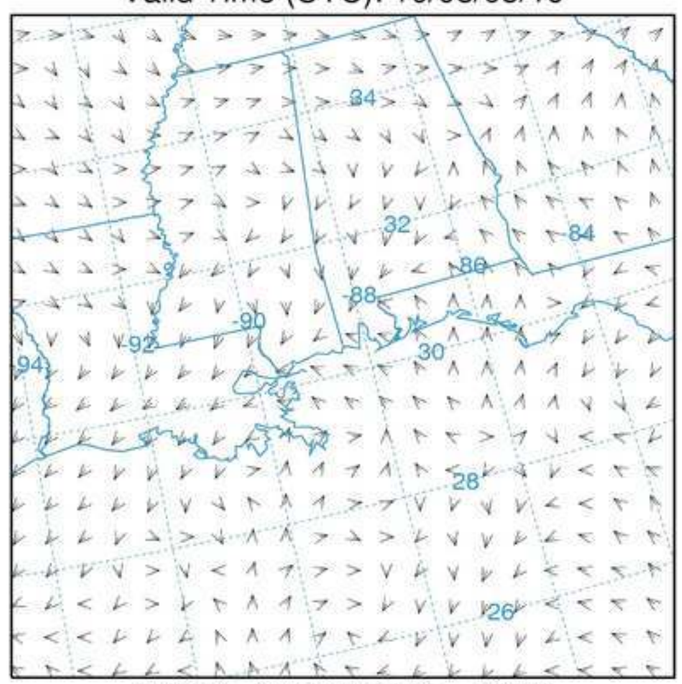
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/19



VECT (6) AT HEIGHT: 0.904

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

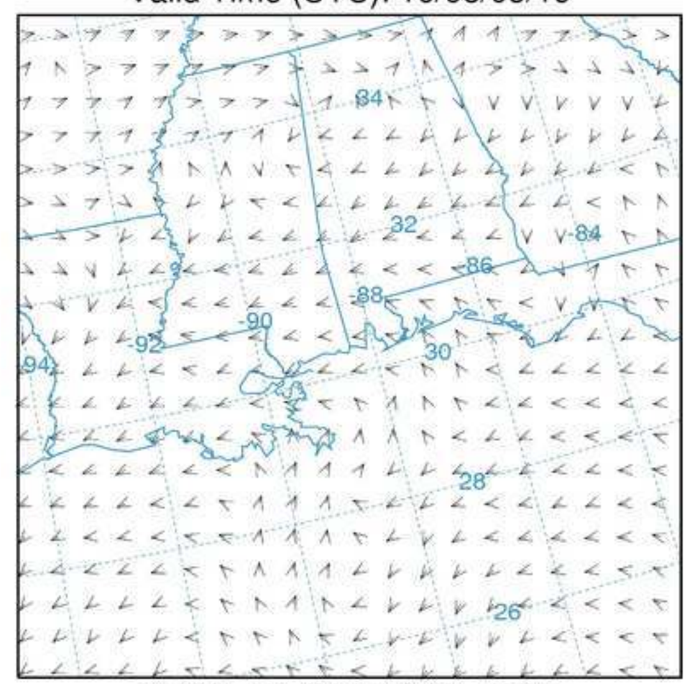
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/19



VECT (8) AT HEIGHT: 0.826

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

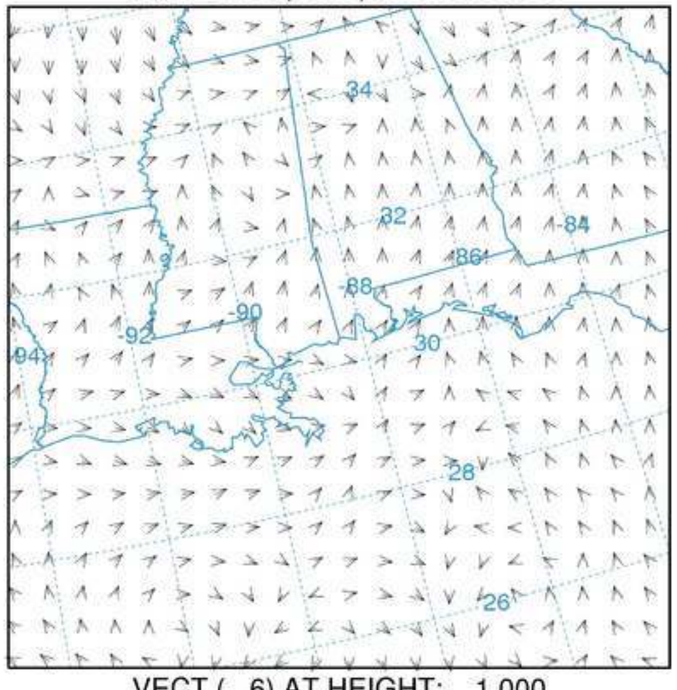
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/19



VECT (11) AT HEIGHT: 0.718

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

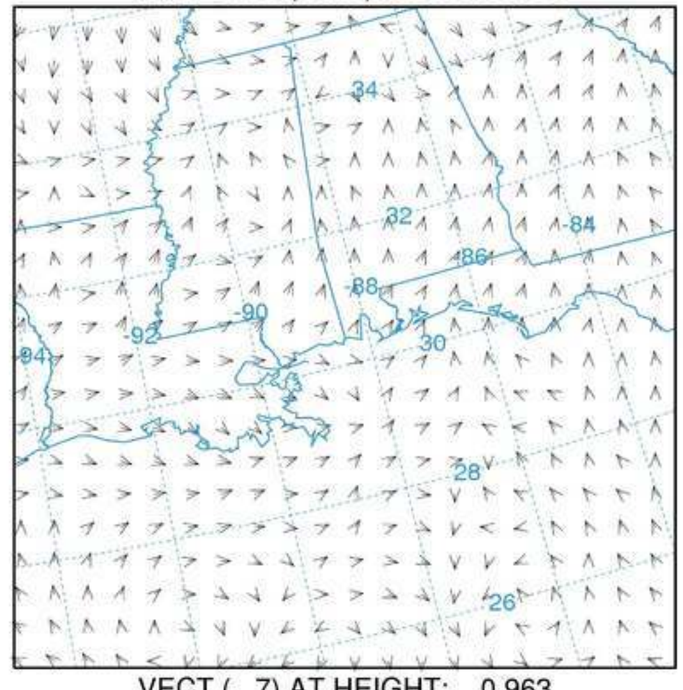
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/20



VECT (6) AT HEIGHT: 1.000

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

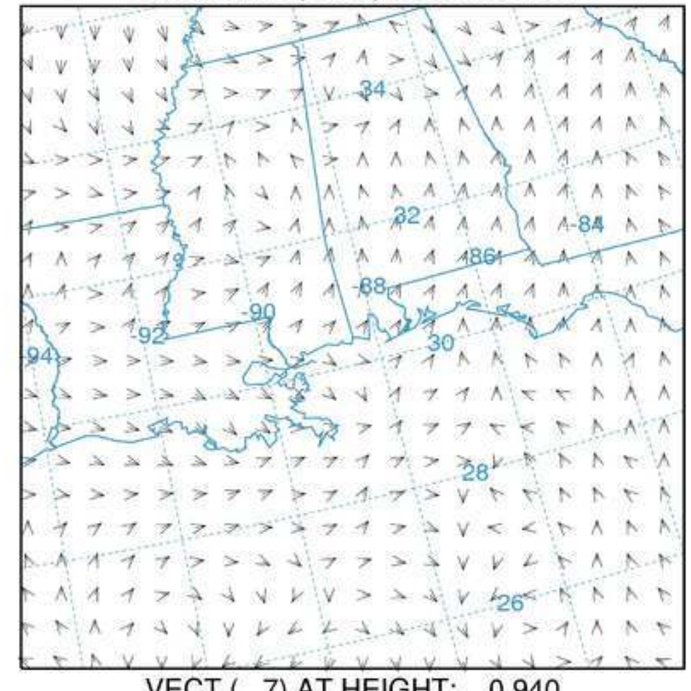
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/20



VECT (7) AT HEIGHT: 0.963

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

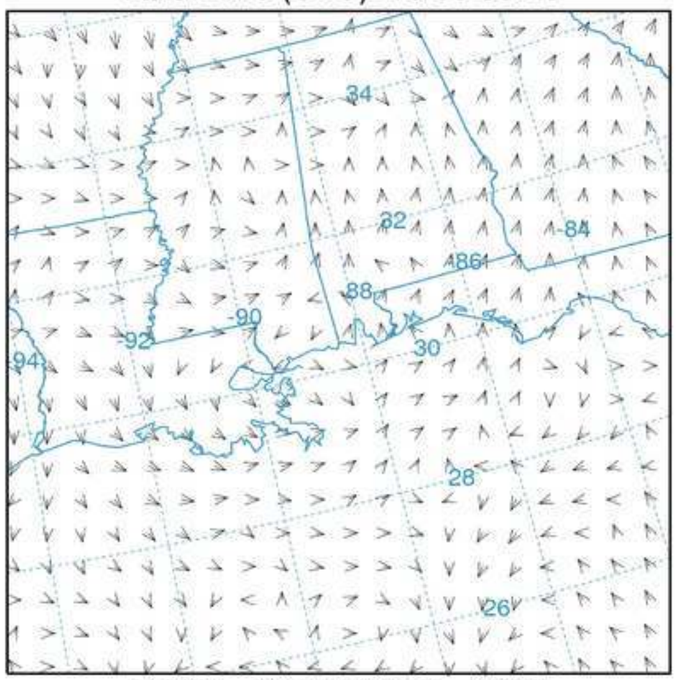
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/20



VECT (7) AT HEIGHT: 0.940

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

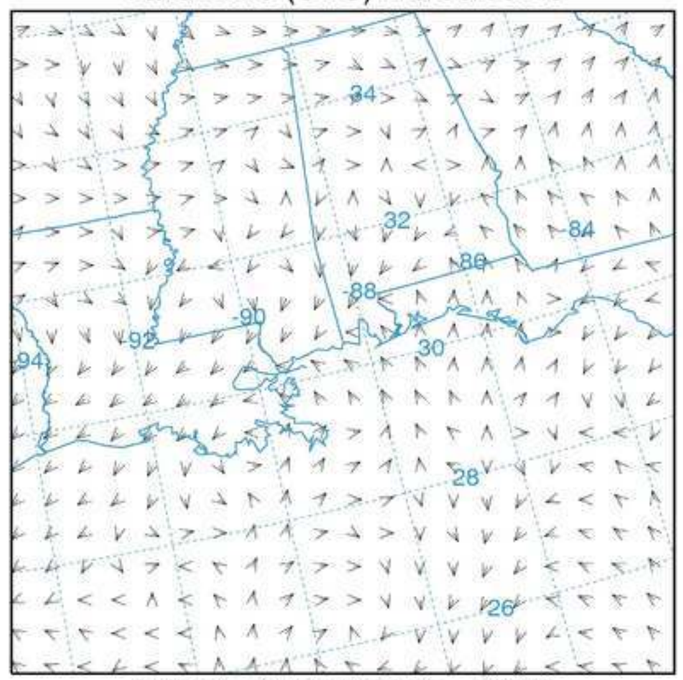
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/20



VECT (5) AT HEIGHT: 0.904

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

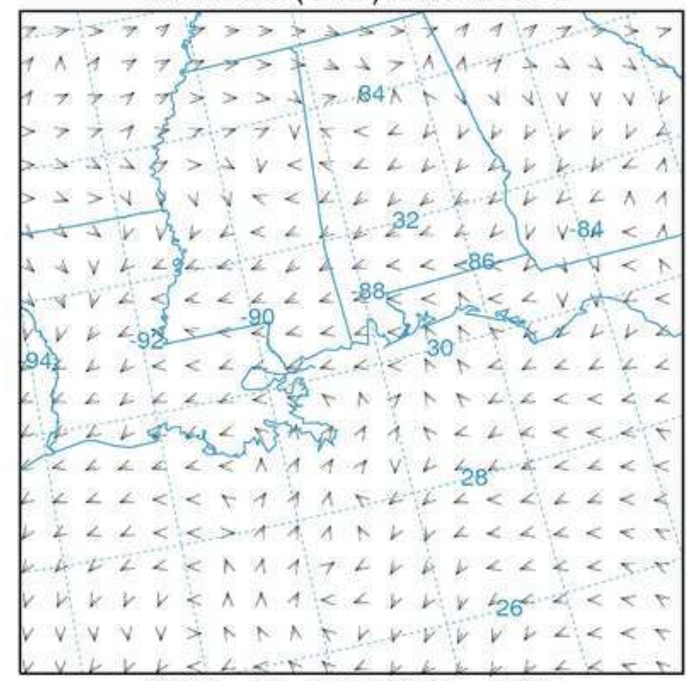
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/20



VECT (7) AT HEIGHT: 0.826

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

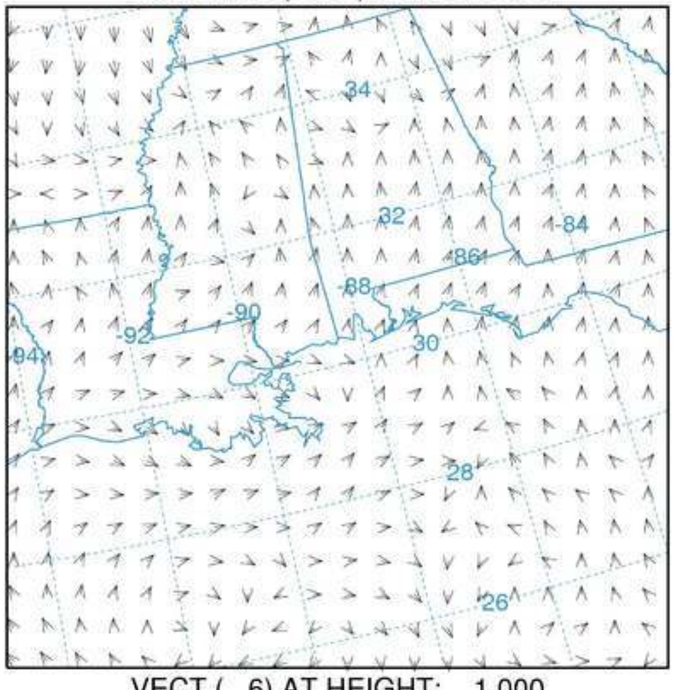
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/20



VECT (12) AT HEIGHT: 0.718

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

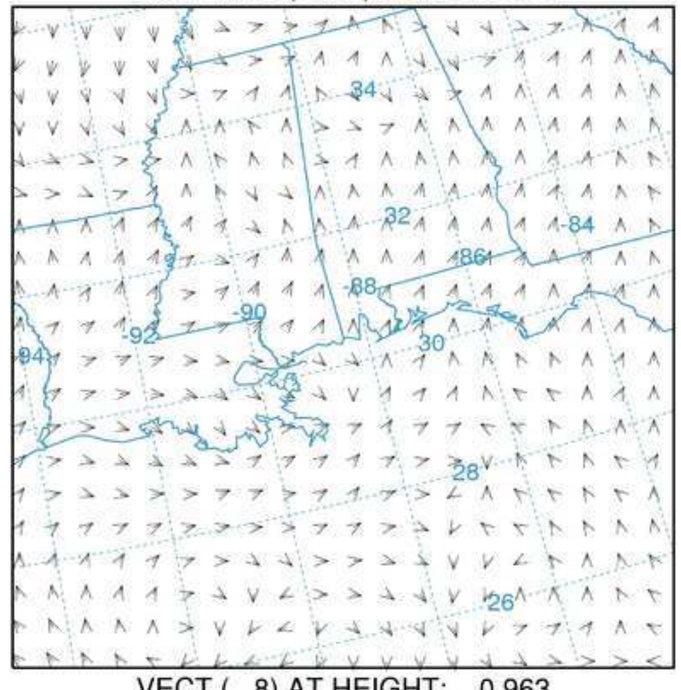
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/21



VECT (6) AT HEIGHT: 1.000

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

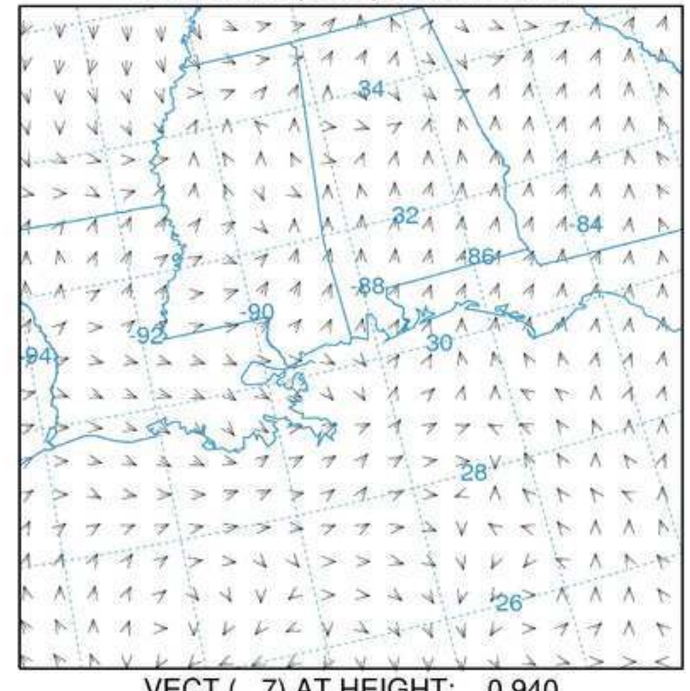
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/21



VECT (8) AT HEIGHT: 0.963

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

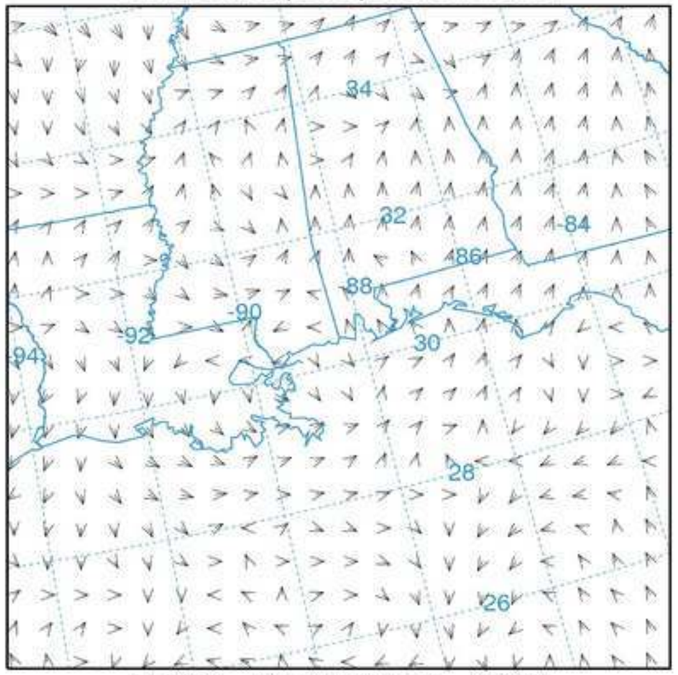
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/21



VECT (7) AT HEIGHT: 0.940

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

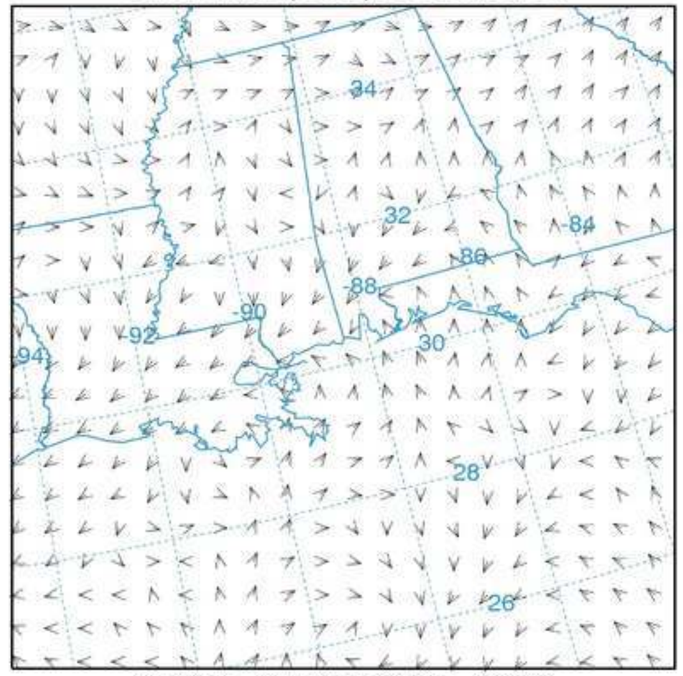
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/21



VECT (6) AT HEIGHT: 0.904

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

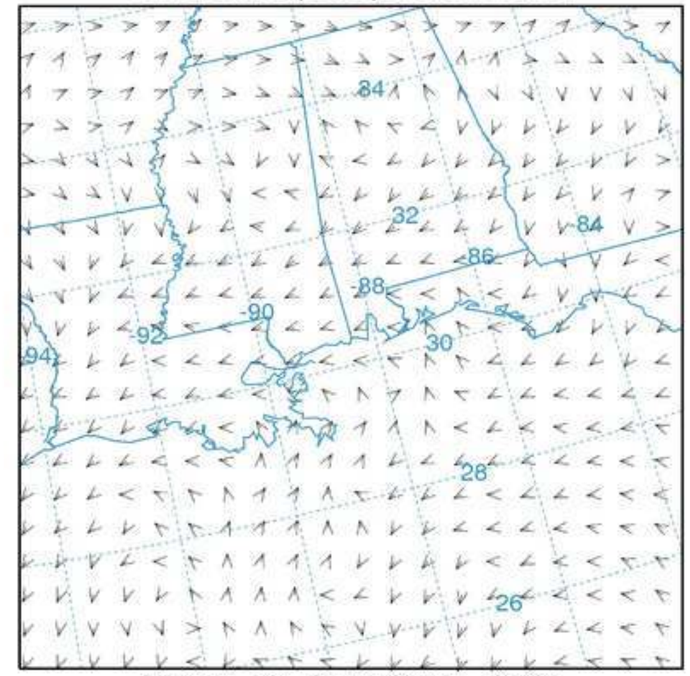
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/21



VECT (7) AT HEIGHT: 0.826

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

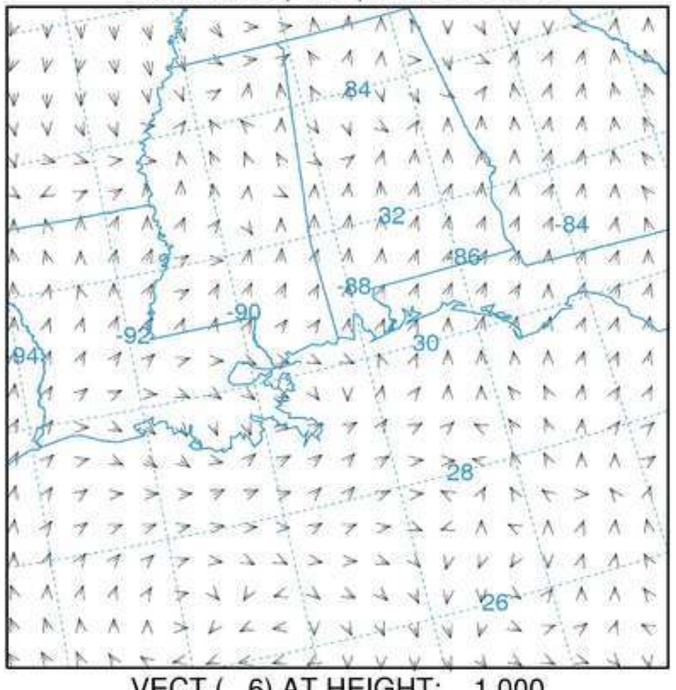
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/21



VECT (13) AT HEIGHT: 0.718

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

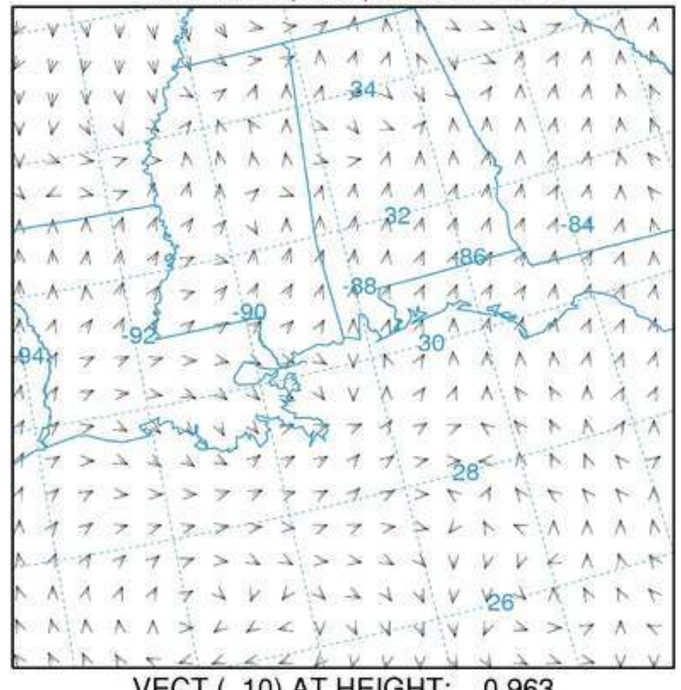
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/22



VECT (6) AT HEIGHT: 1.000

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

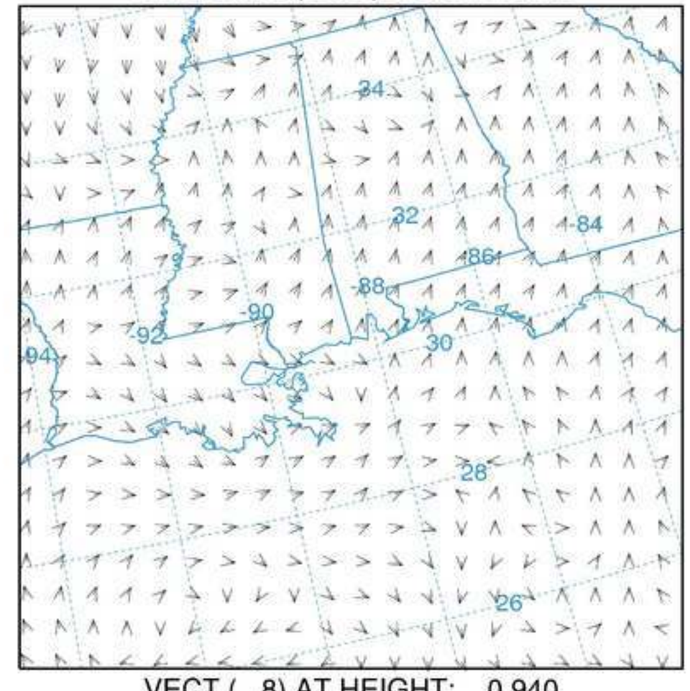
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/22



VECT (10) AT HEIGHT: 0.963

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

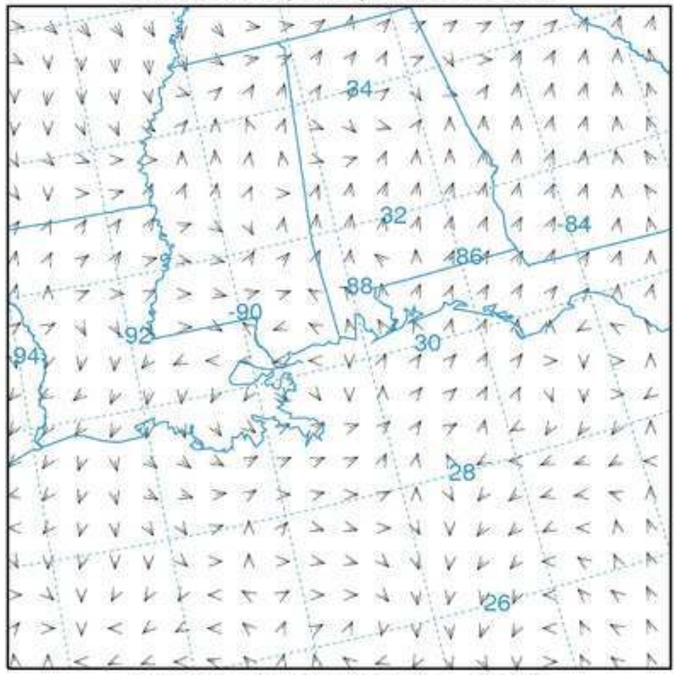
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/22



VECT (8) AT HEIGHT: 0.940

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

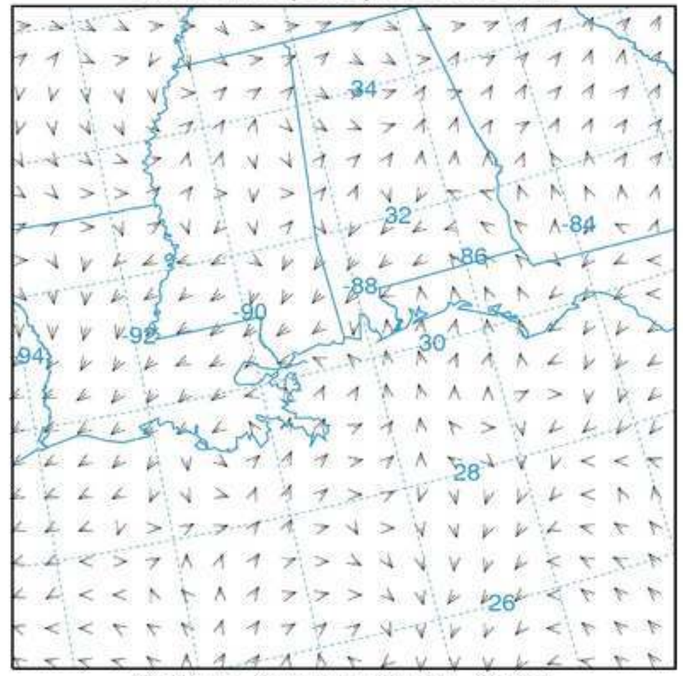
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/22



VECT (7) AT HEIGHT: 0.904

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

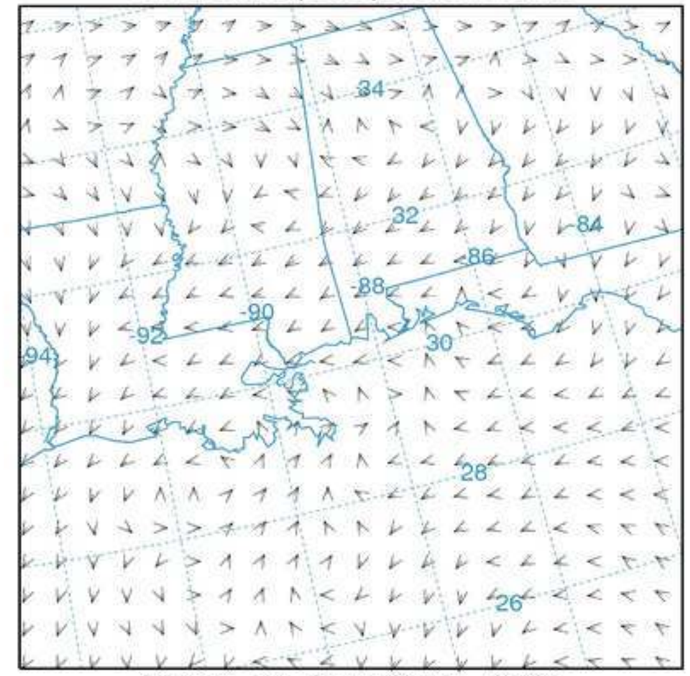
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/22



VECT (8) AT HEIGHT: 0.826

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

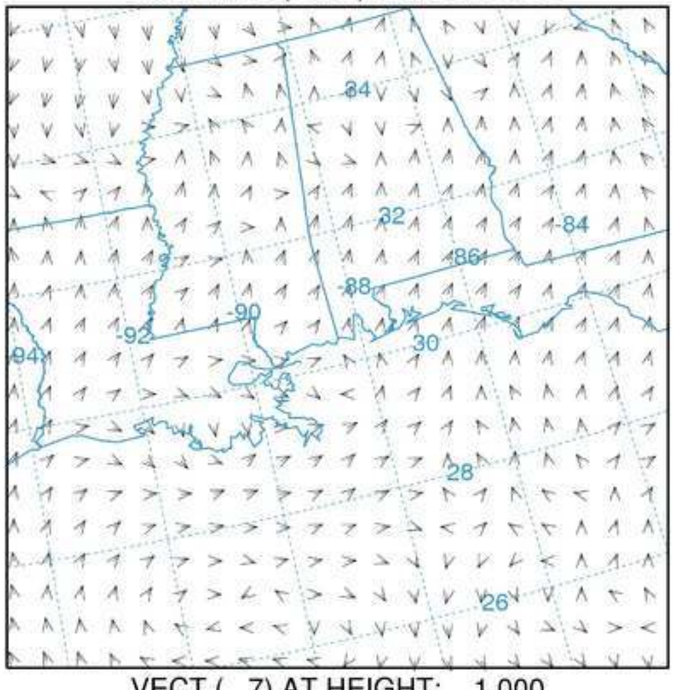
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/22



VECT (14) AT HEIGHT: 0.718

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

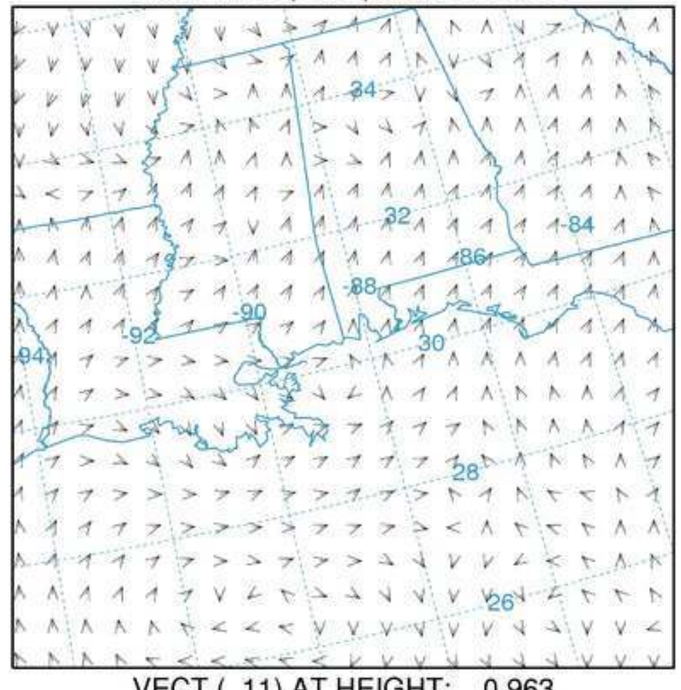
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/23



VECT (7) AT HEIGHT: 1.000

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

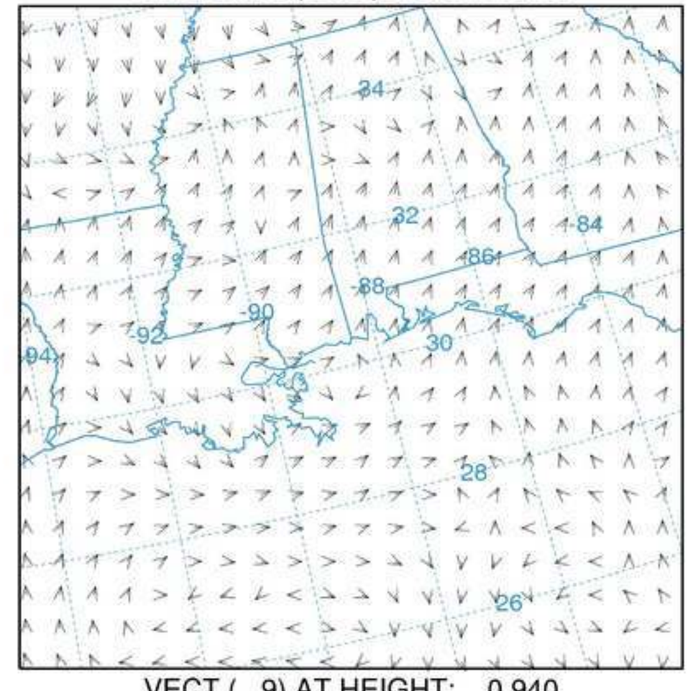
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/23



VECT (11) AT HEIGHT: 0.963

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

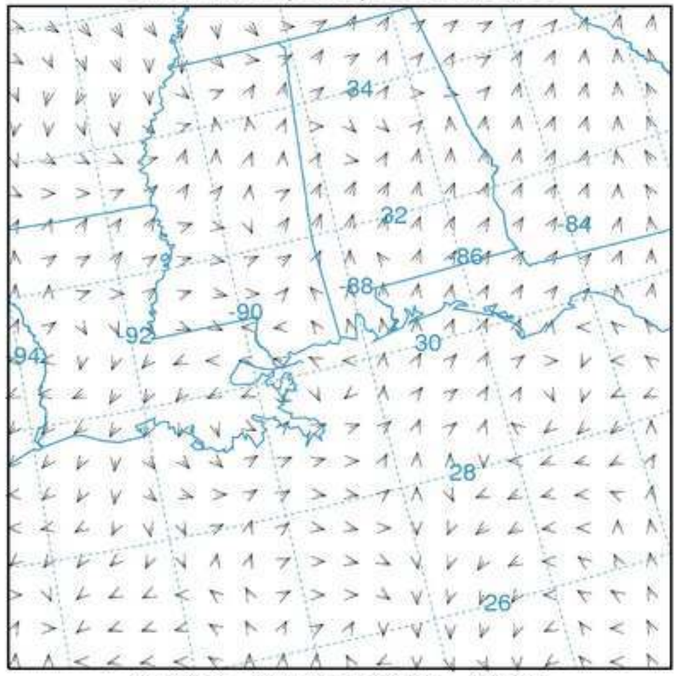
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/23



VECT (9) AT HEIGHT: 0.940

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

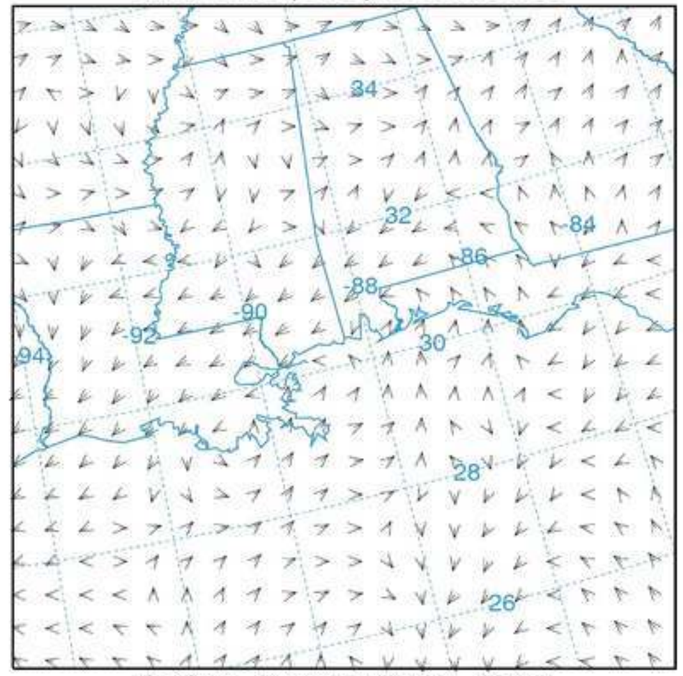
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/23



VECT (7) AT HEIGHT: 0.904

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

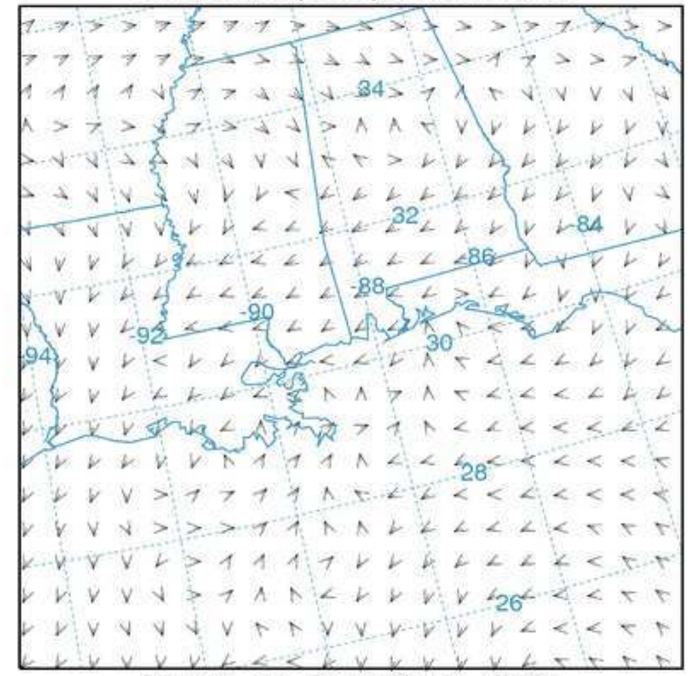
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/23



VECT (8) AT HEIGHT: 0.826

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

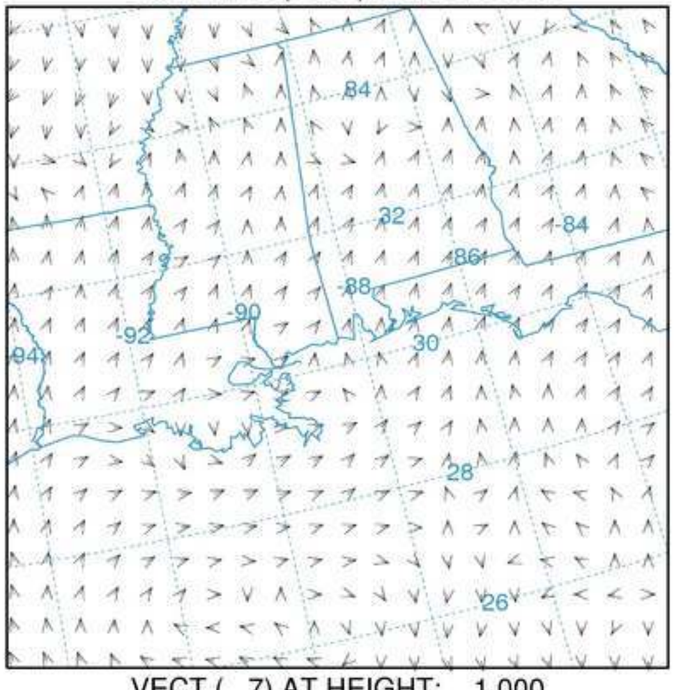
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/05/23



VECT (14) AT HEIGHT: 0.718

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

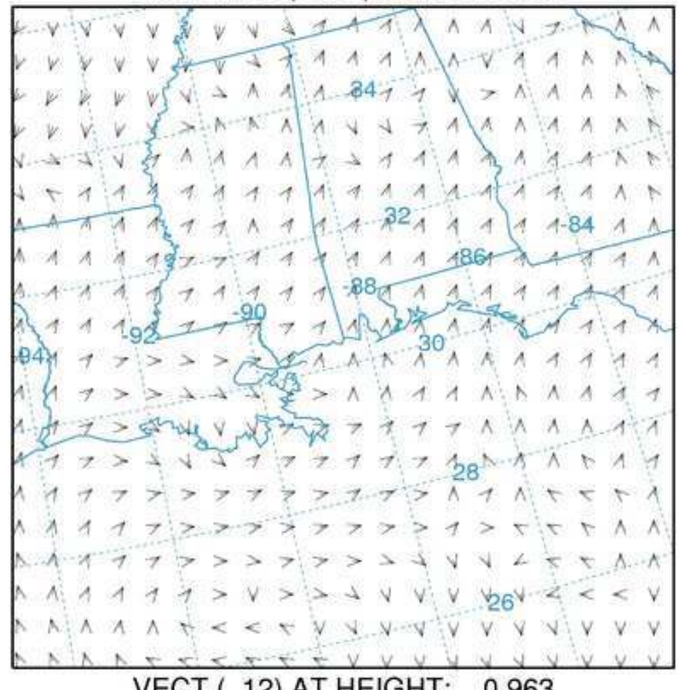
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/00



VECT (7) AT HEIGHT: 1.000

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

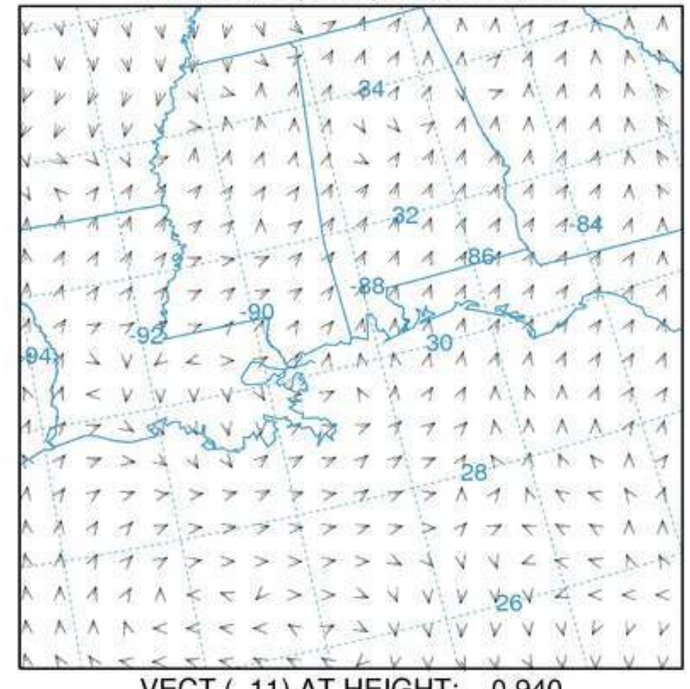
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/00



VECT (12) AT HEIGHT: 0.963

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

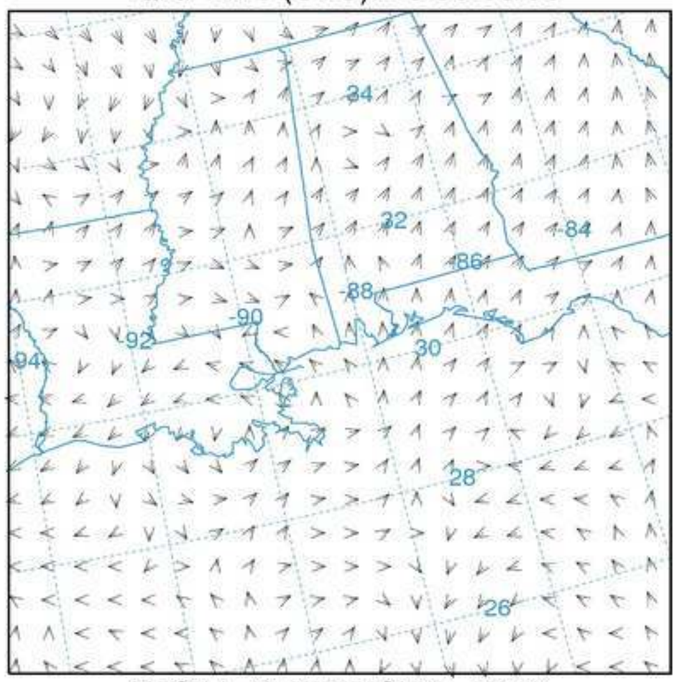
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/00



VECT (11) AT HEIGHT: 0.940

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

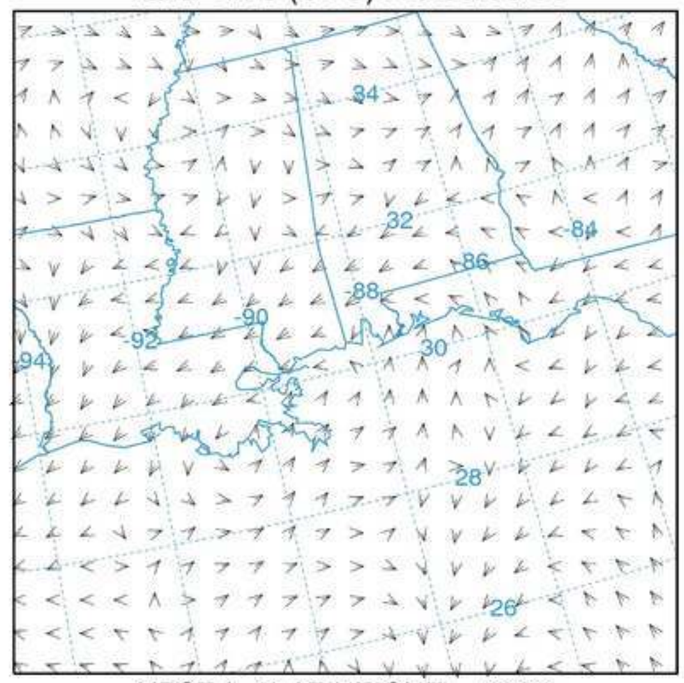
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/00



VECT (7) AT HEIGHT: 0.904

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

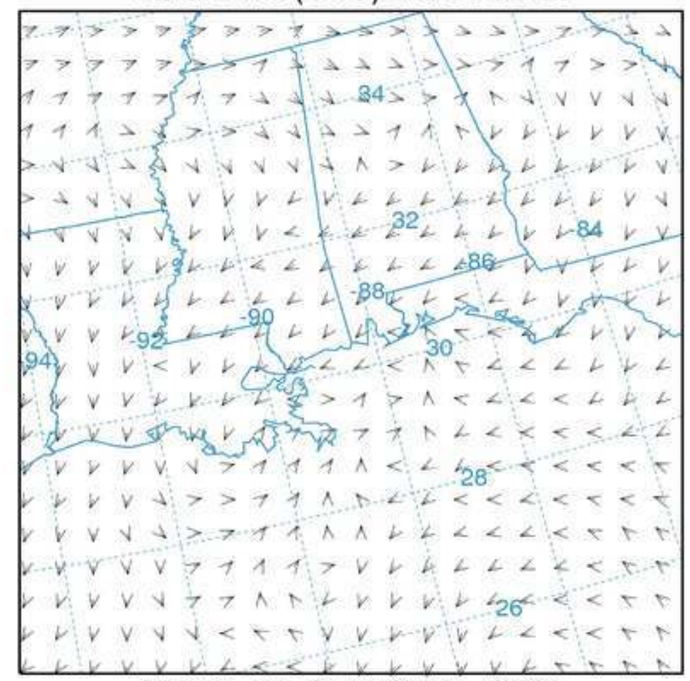
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/00



VECT (7) AT HEIGHT: 0.826

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

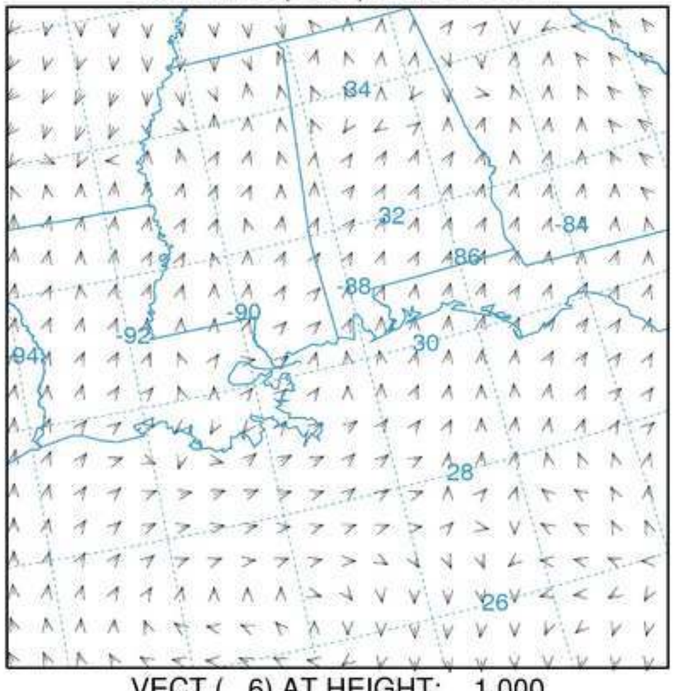
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/00



VECT (14) AT HEIGHT: 0.718

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

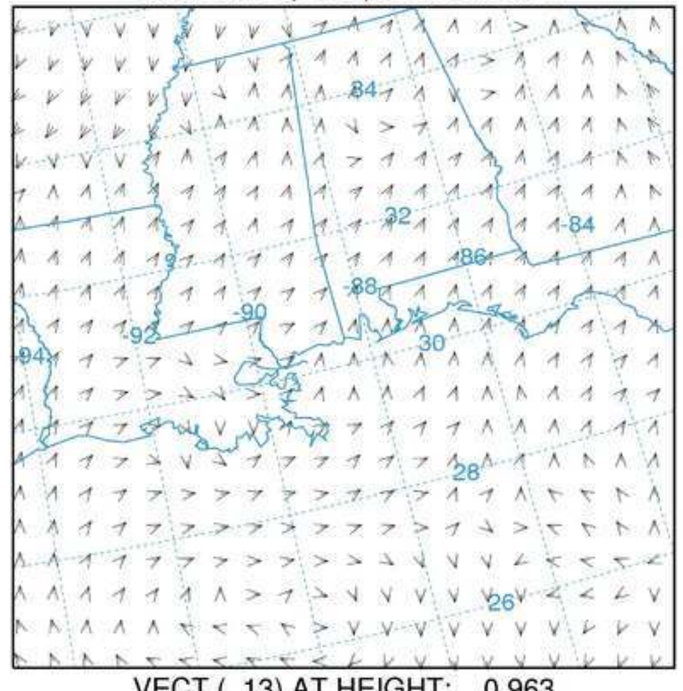
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/01



VECT (6) AT HEIGHT: 1.000

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

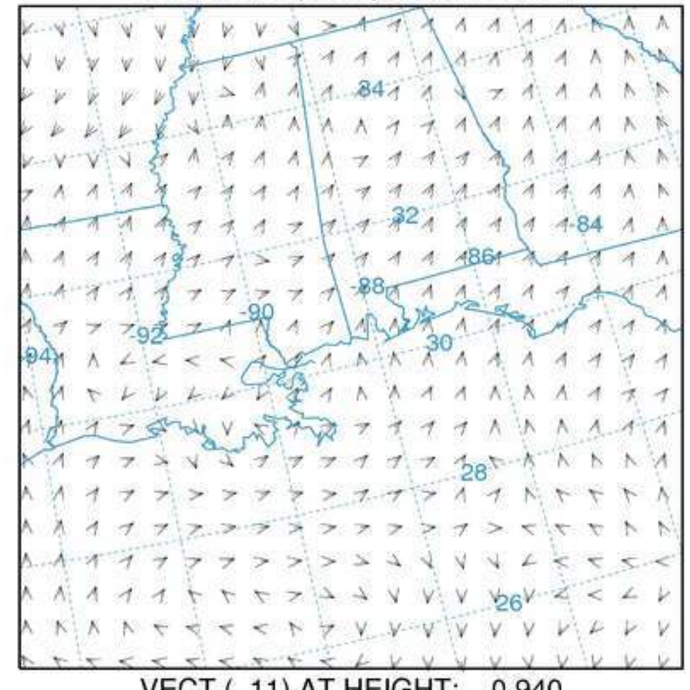
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/01



VECT (13) AT HEIGHT: 0.963

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

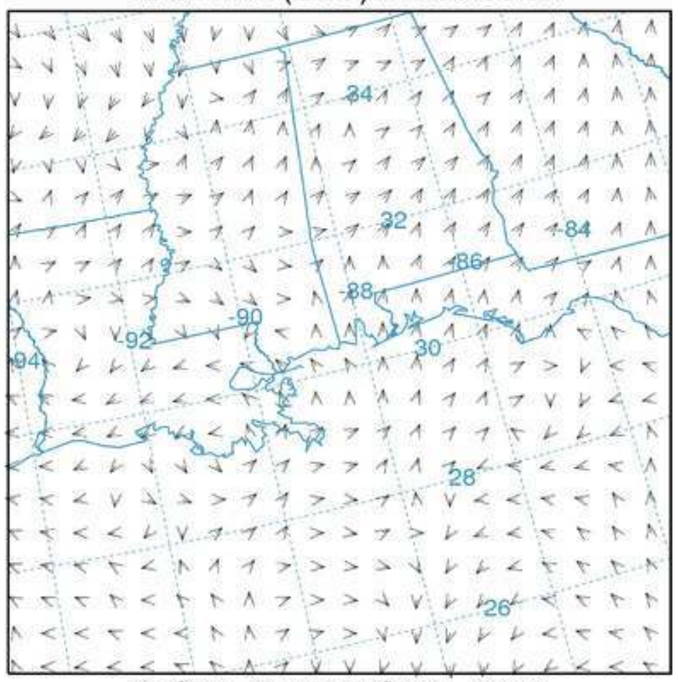
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/01



VECT (11) AT HEIGHT: 0.940

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

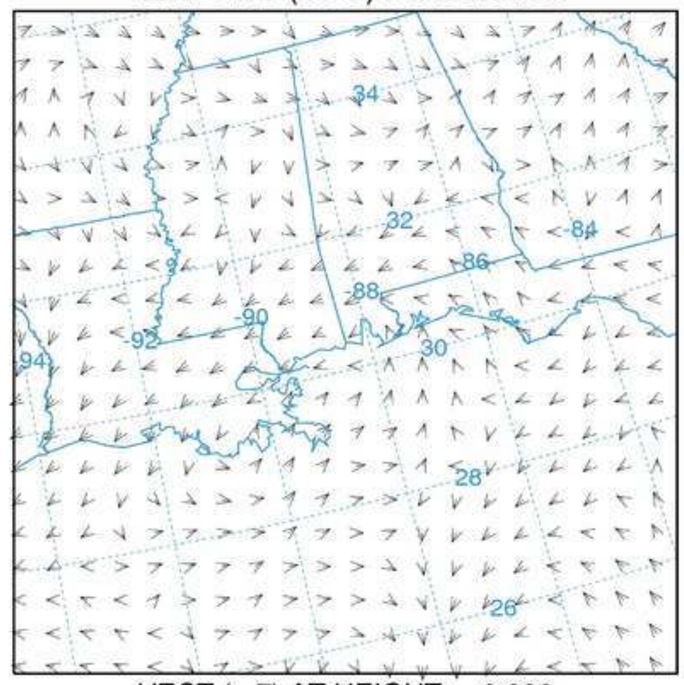
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/01



VECT (8) AT HEIGHT: 0.904

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

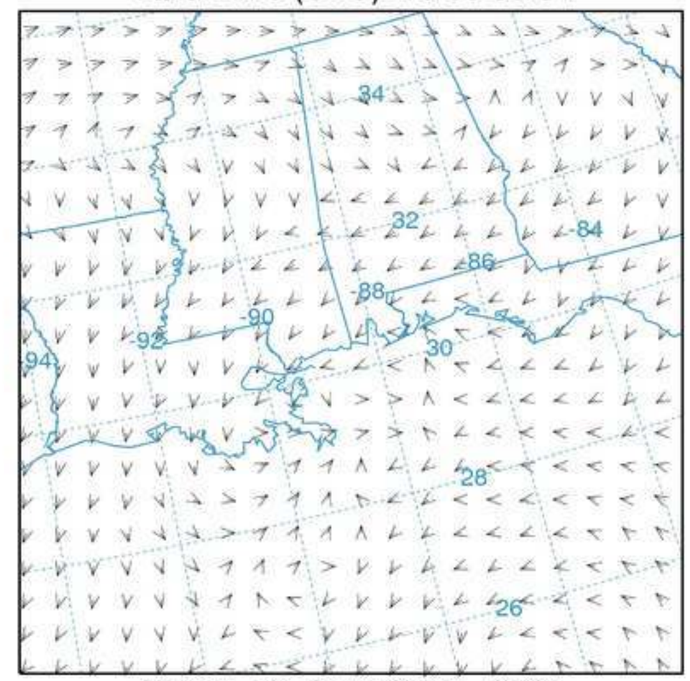
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/01



VECT (7) AT HEIGHT: 0.826

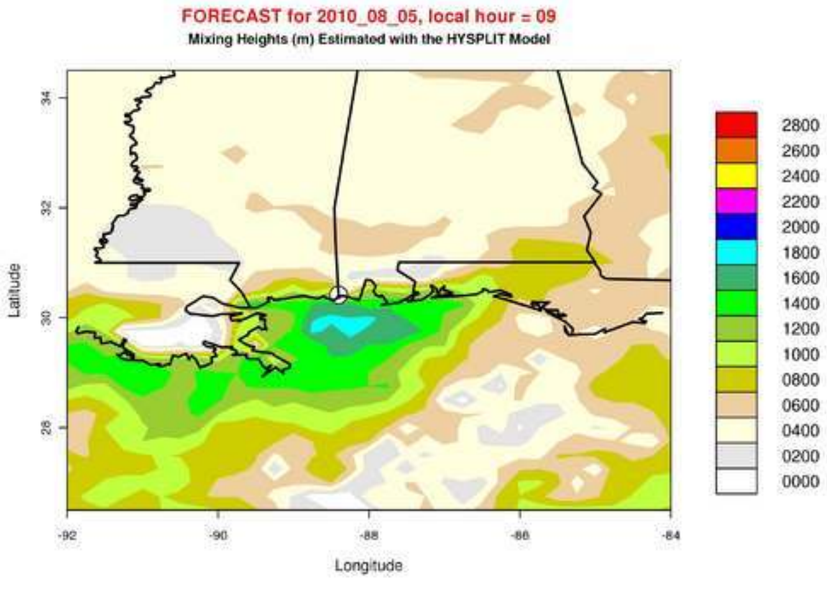
Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

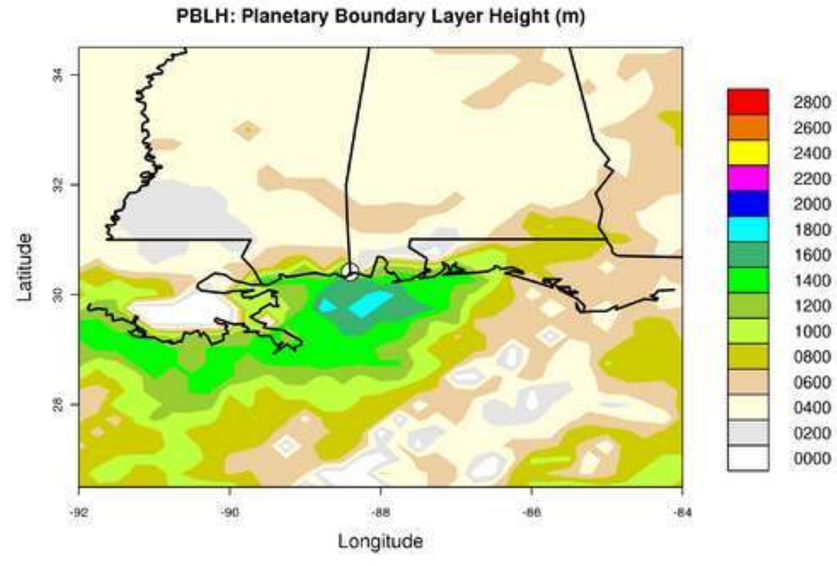
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/06/01

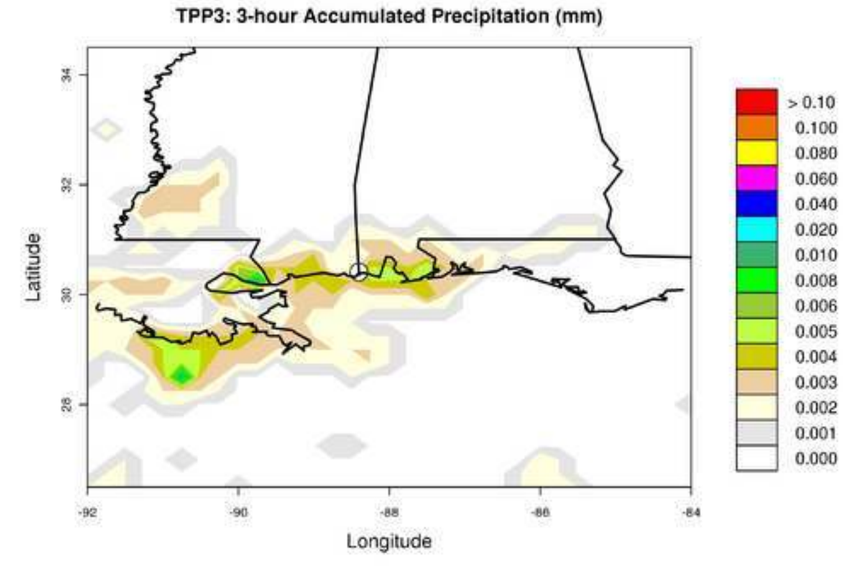


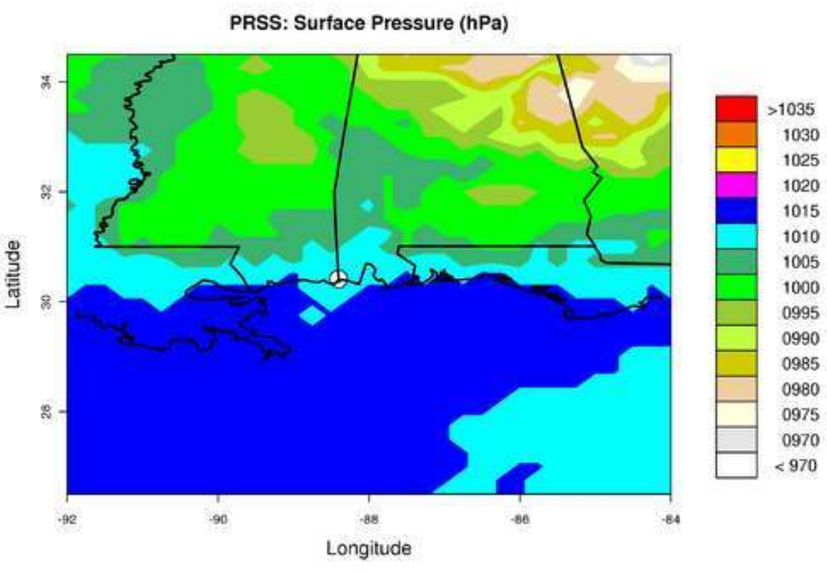
VECT (12) AT HEIGHT: 0.718

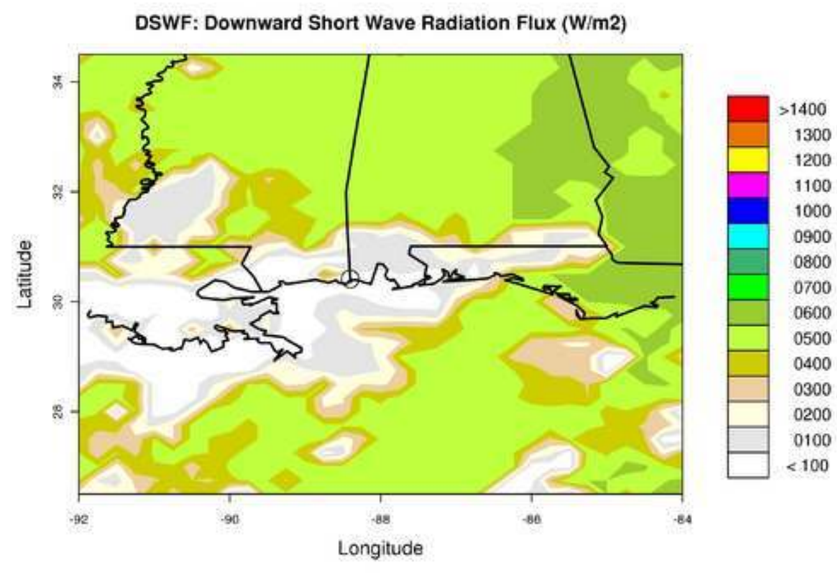
Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

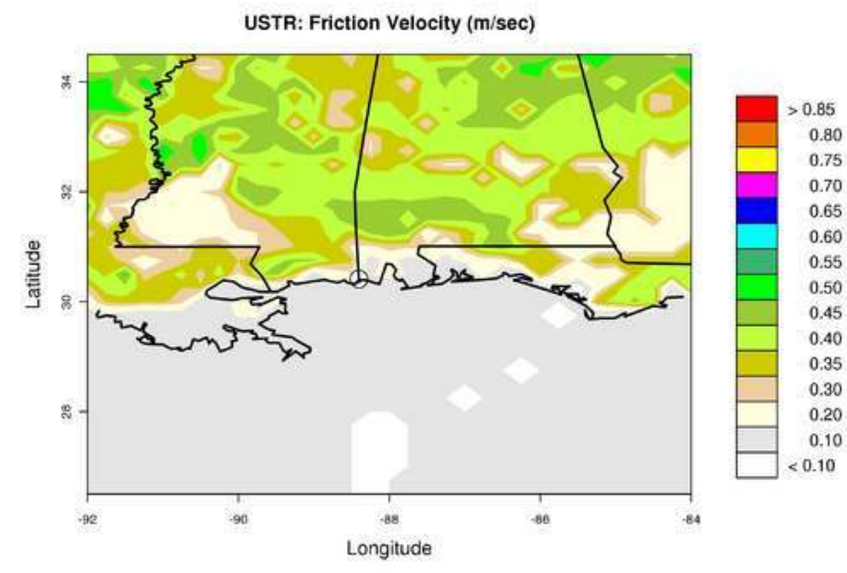

FORECAST for 2010_08_05, local hour = 09
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

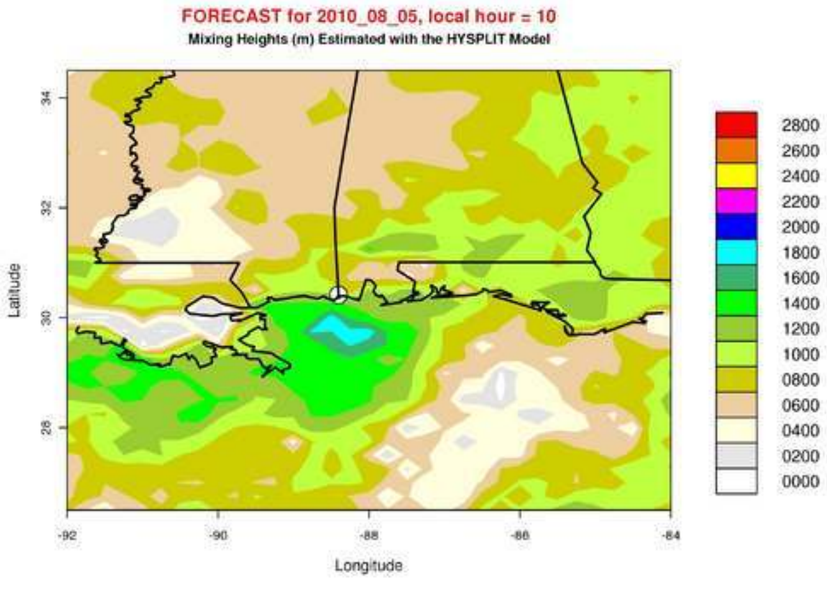

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

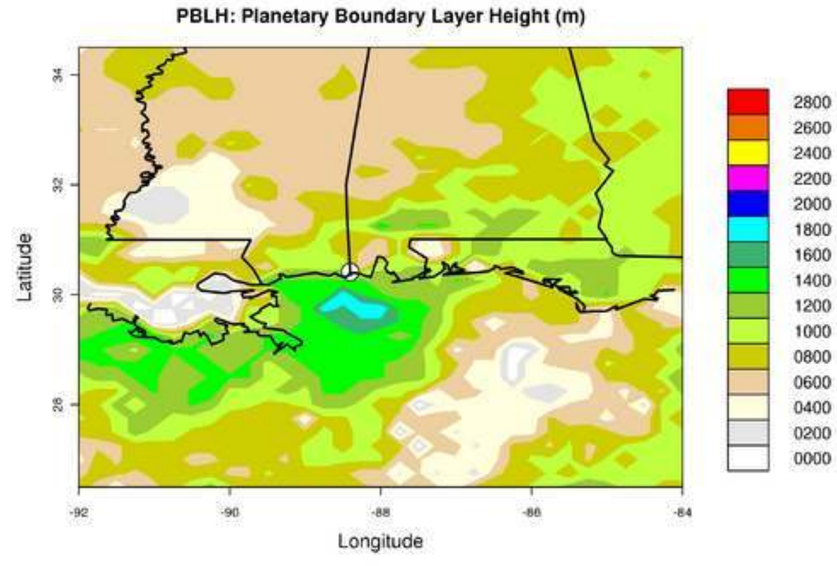

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

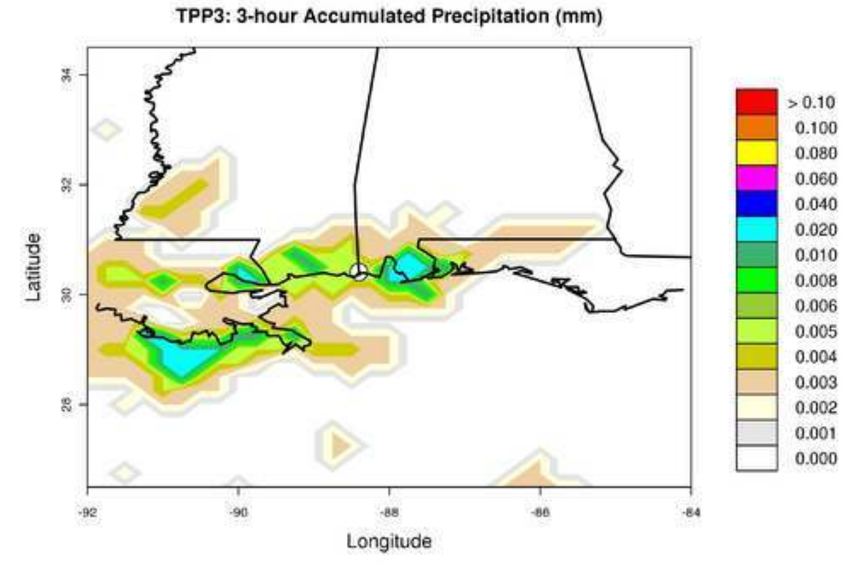

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

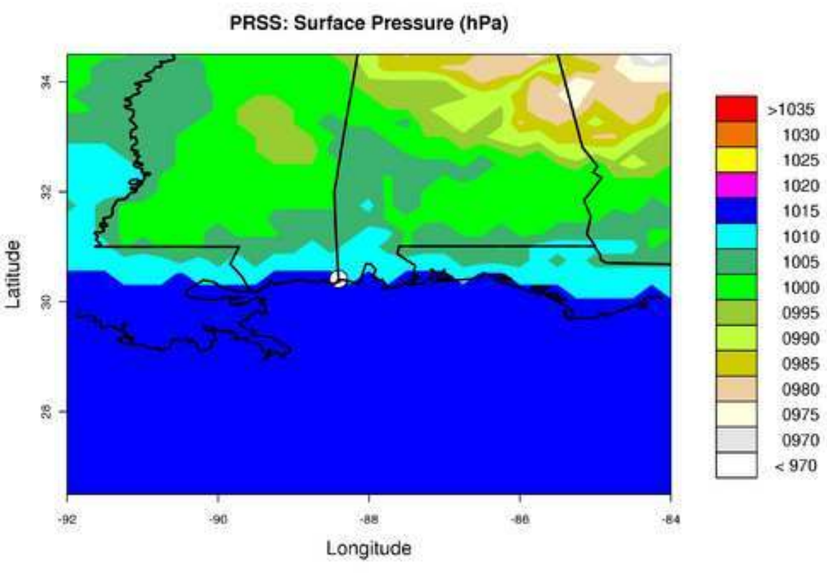

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

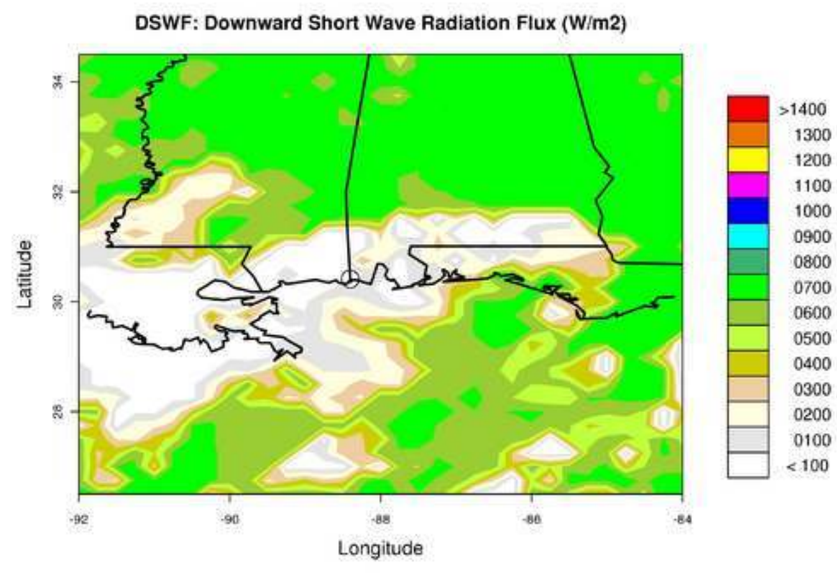

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

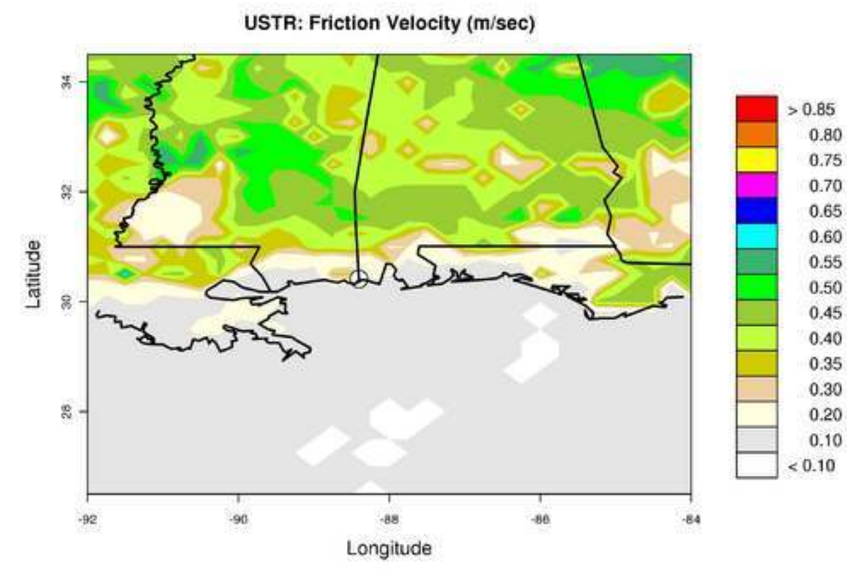

FORECAST for 2010_08_05, local hour = 10
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

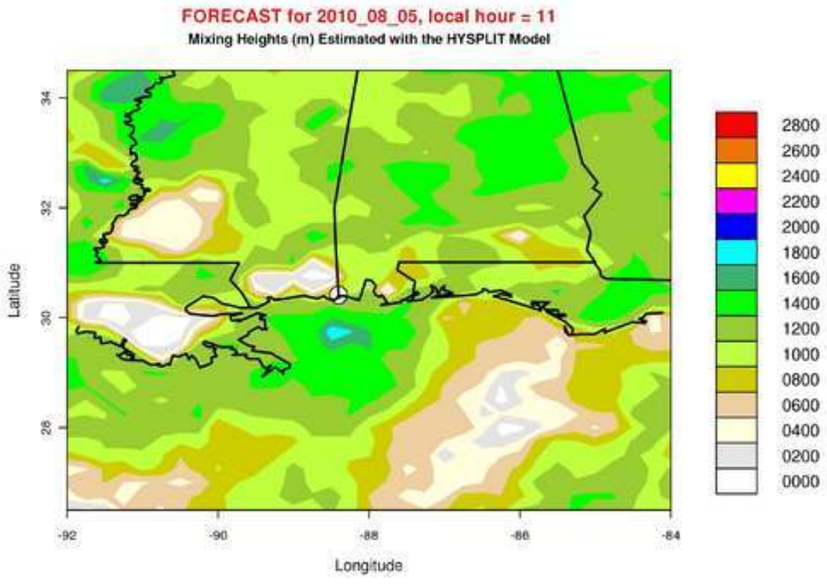

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

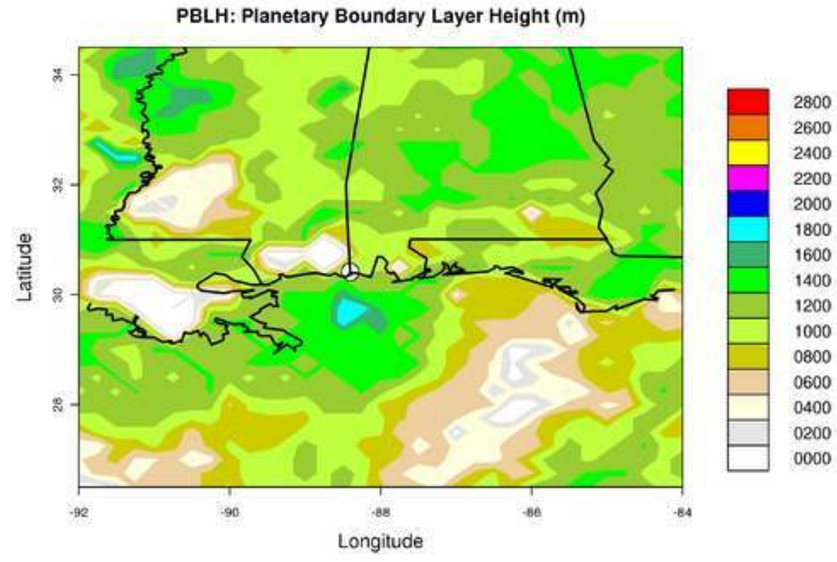

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

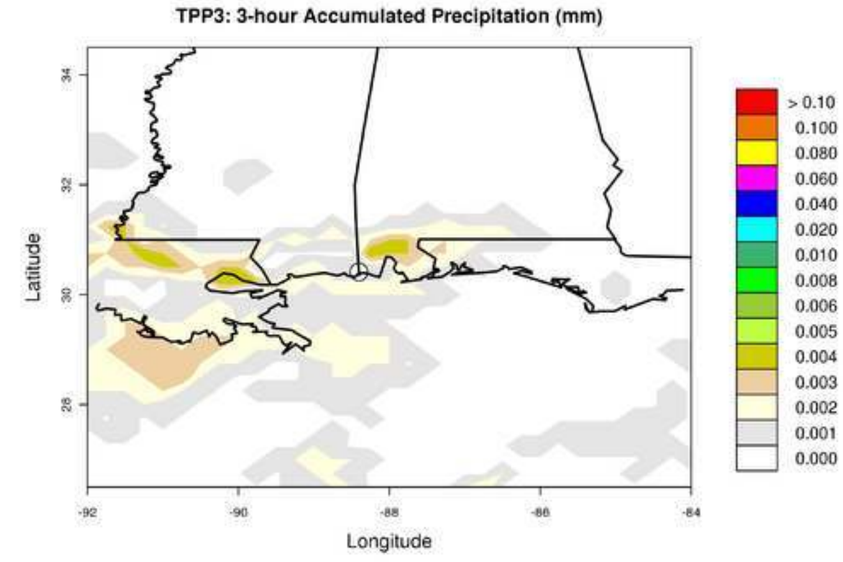

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

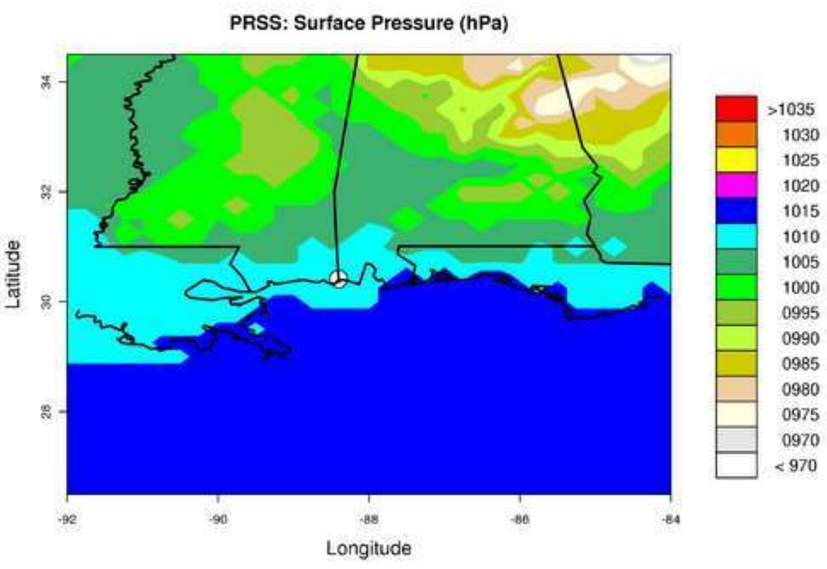

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100


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_05, 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 (mm)
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
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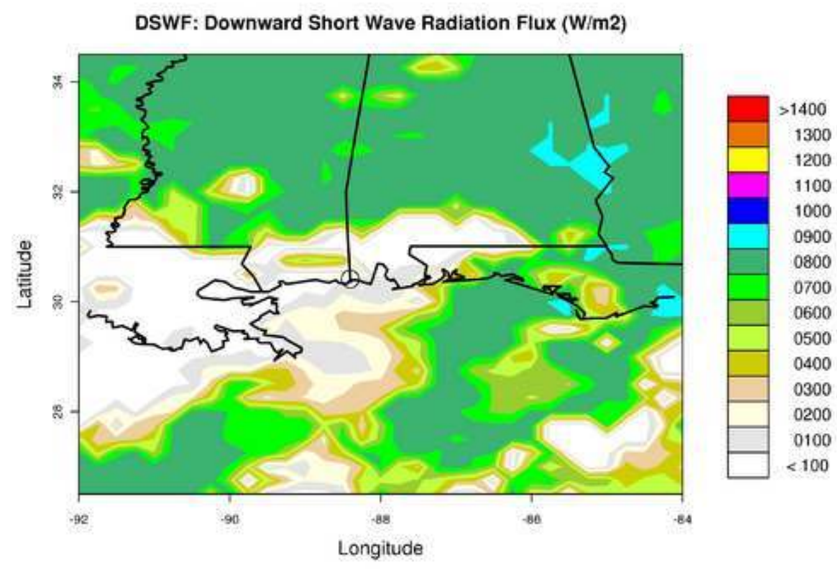
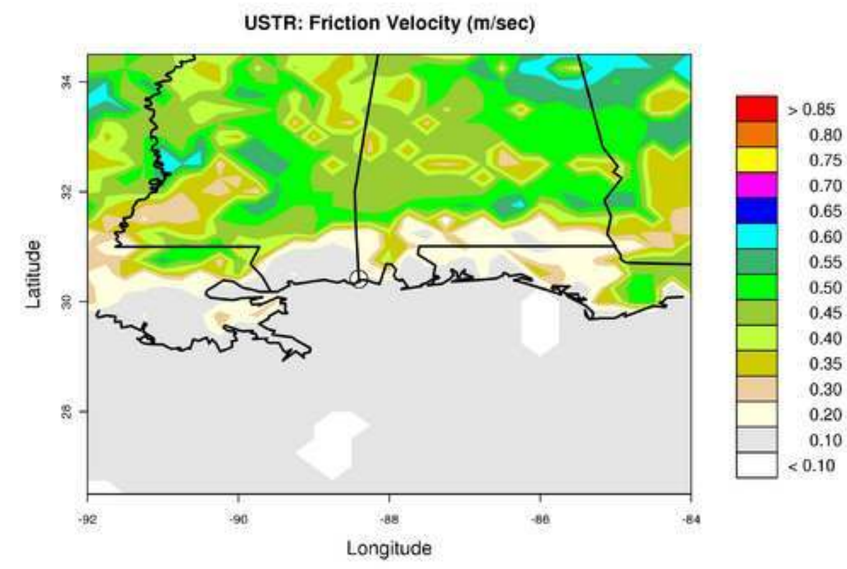
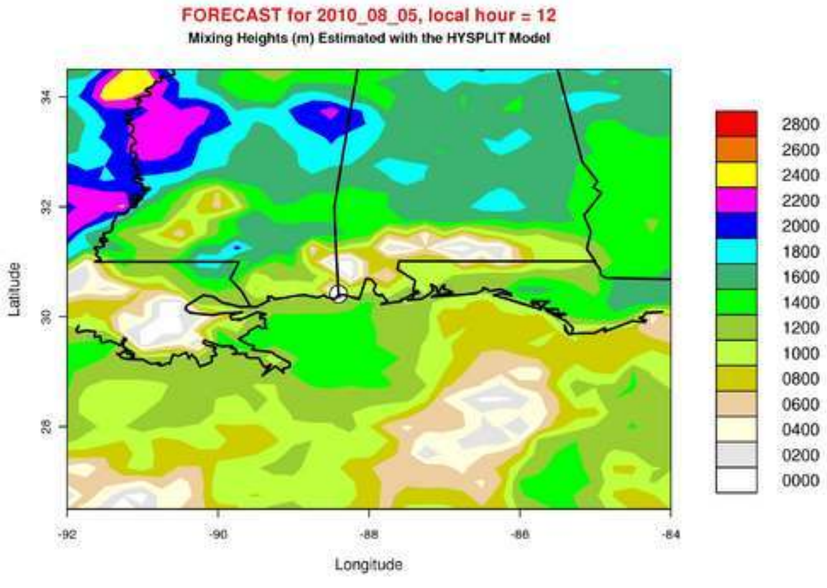
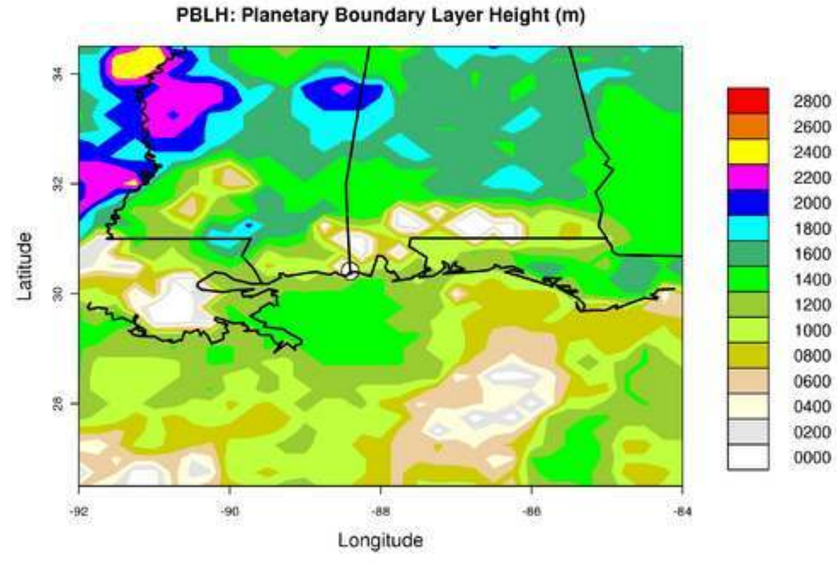
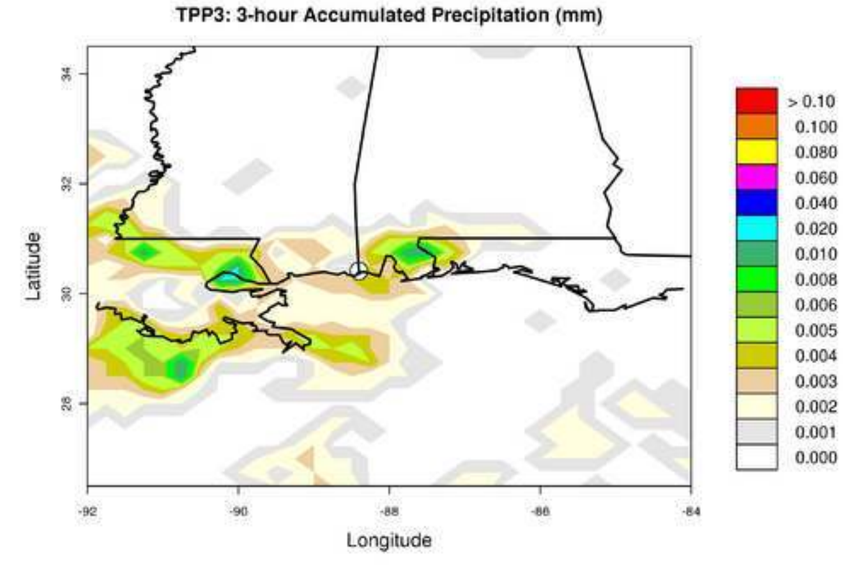
0980
0975
0970
< 970

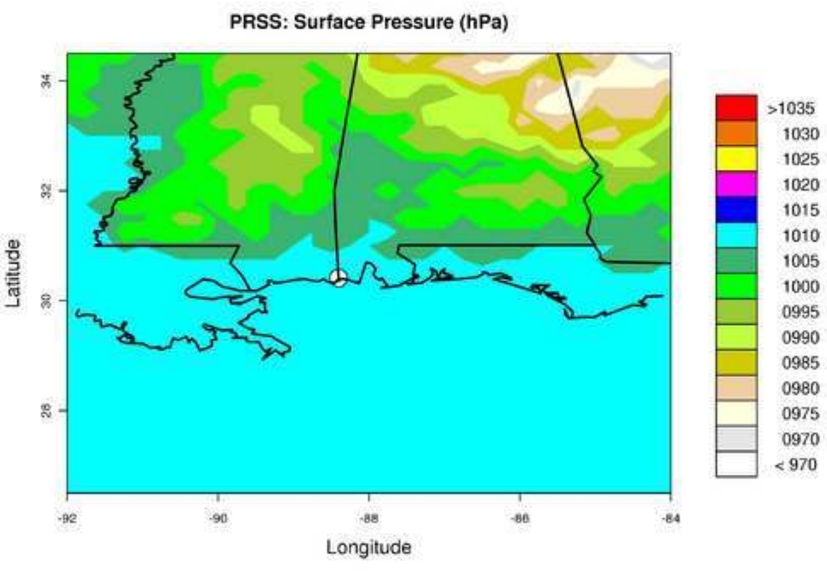

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

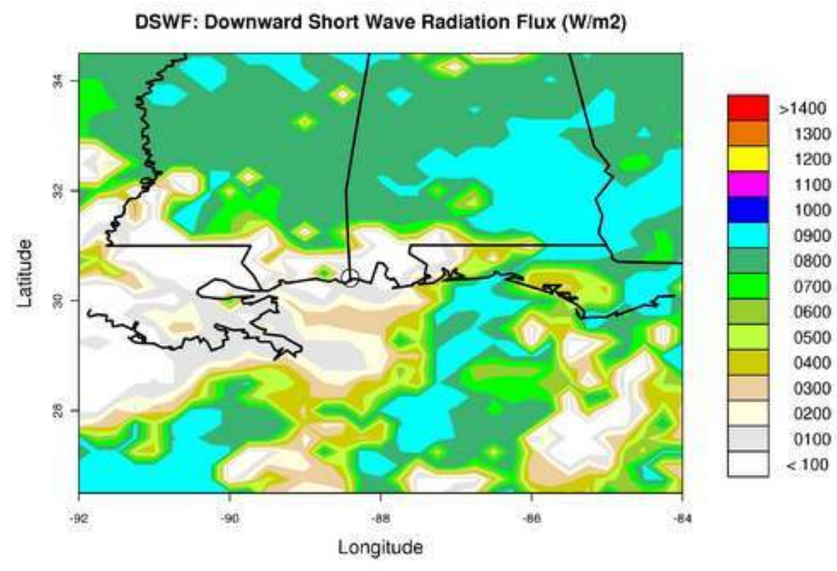

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

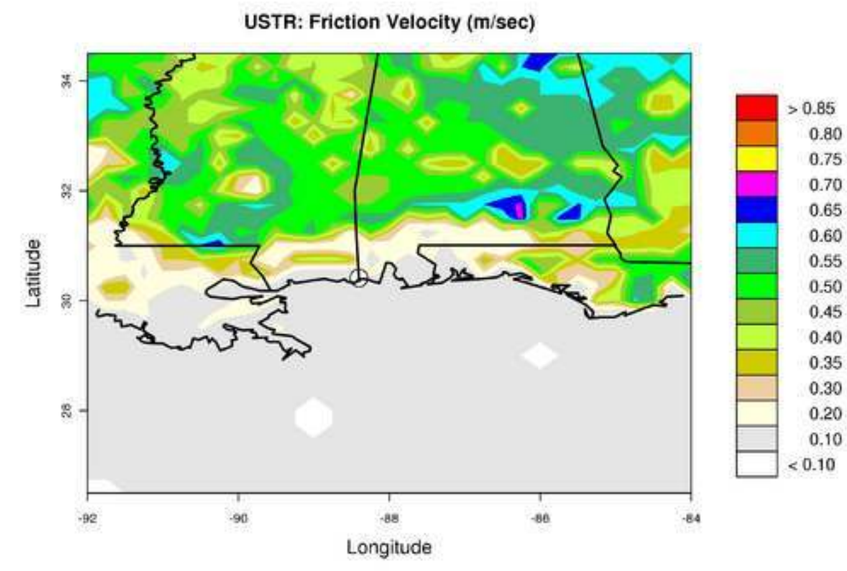

FORECAST for 2010_08_05, local hour = 12
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

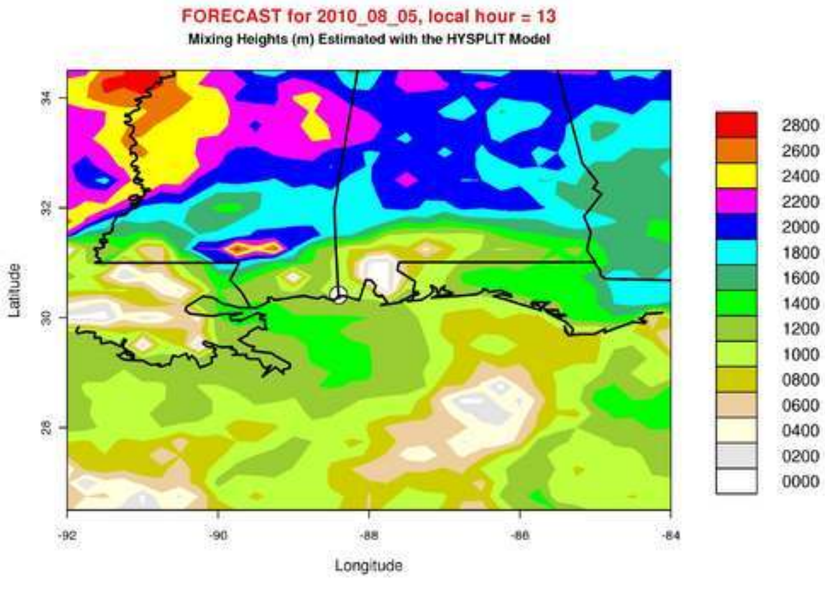

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

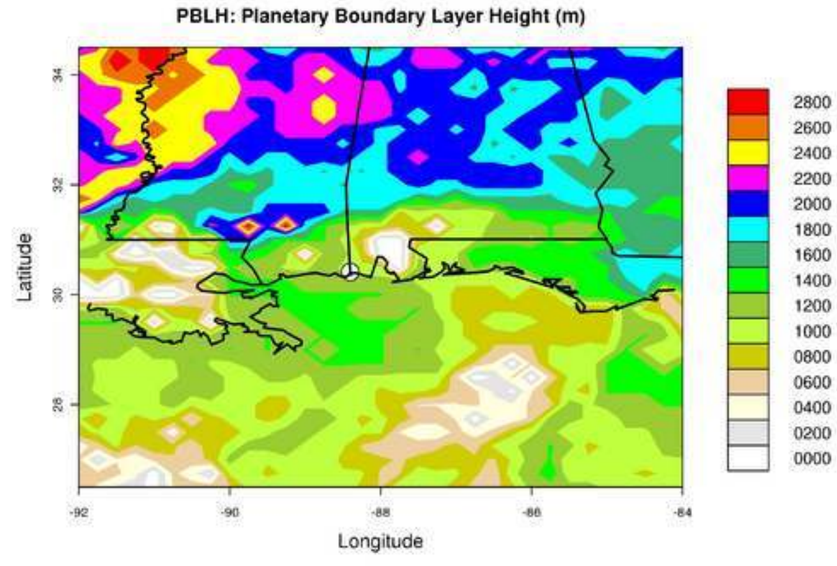

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

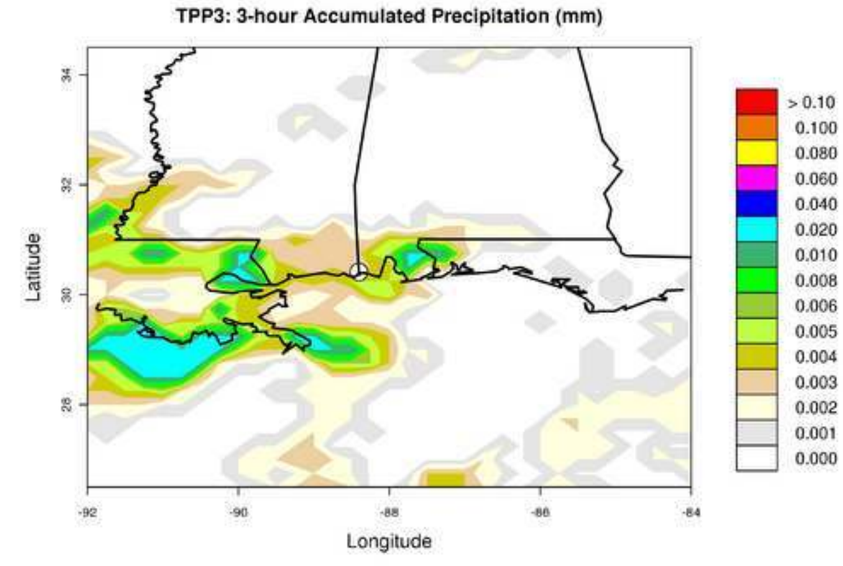

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

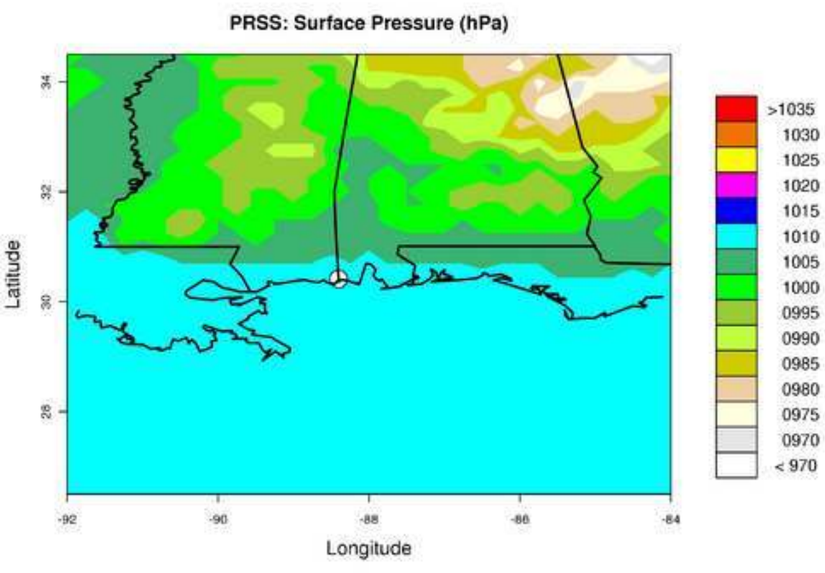

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

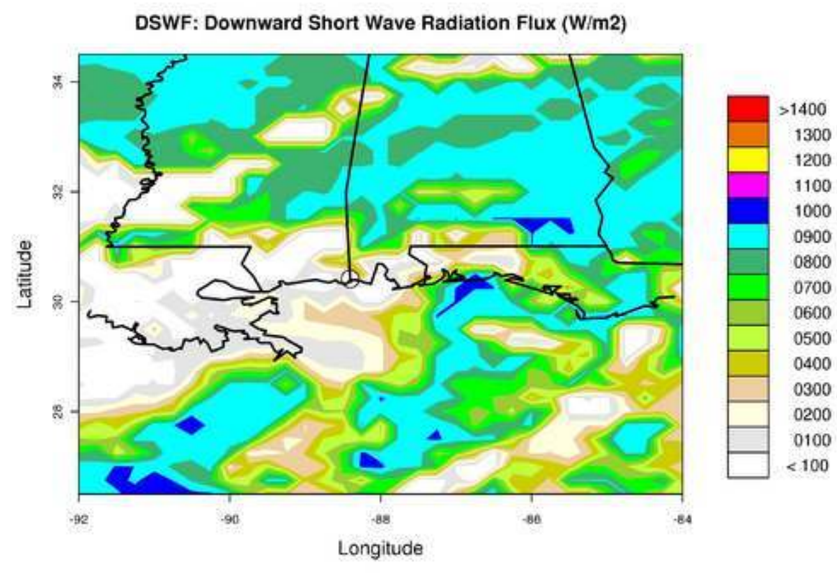

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

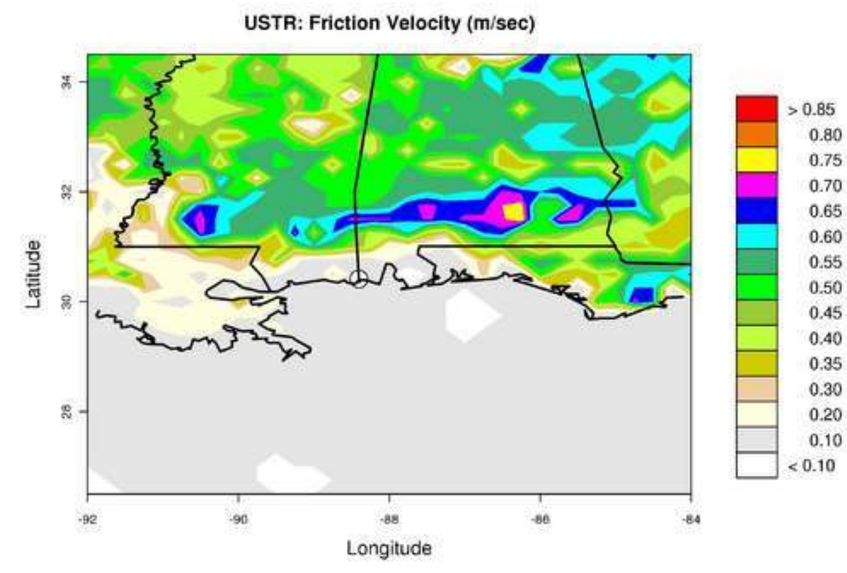

FORECAST for 2010_08_05, local hour = 13
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

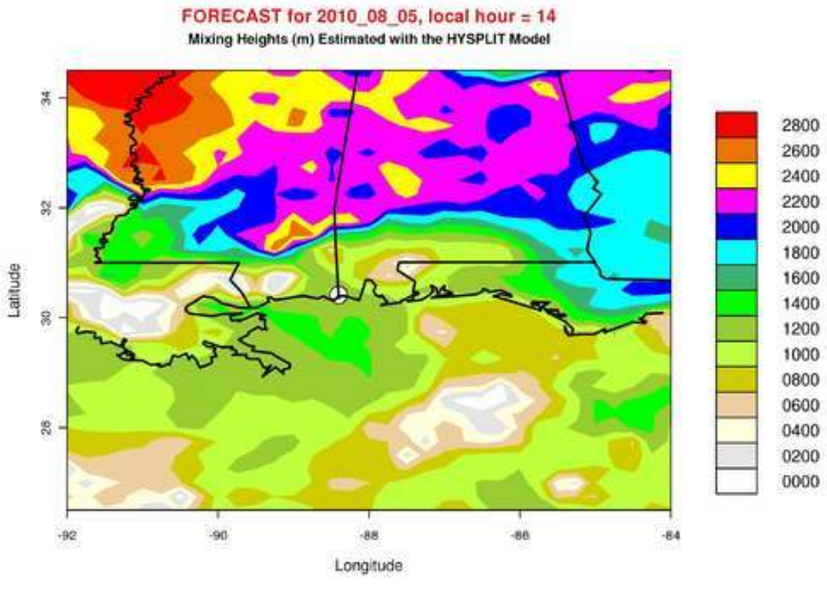

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

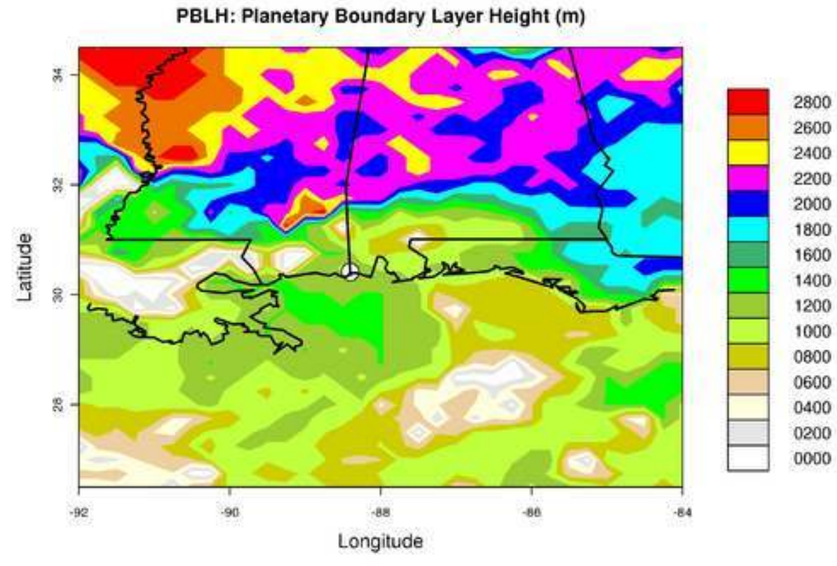

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

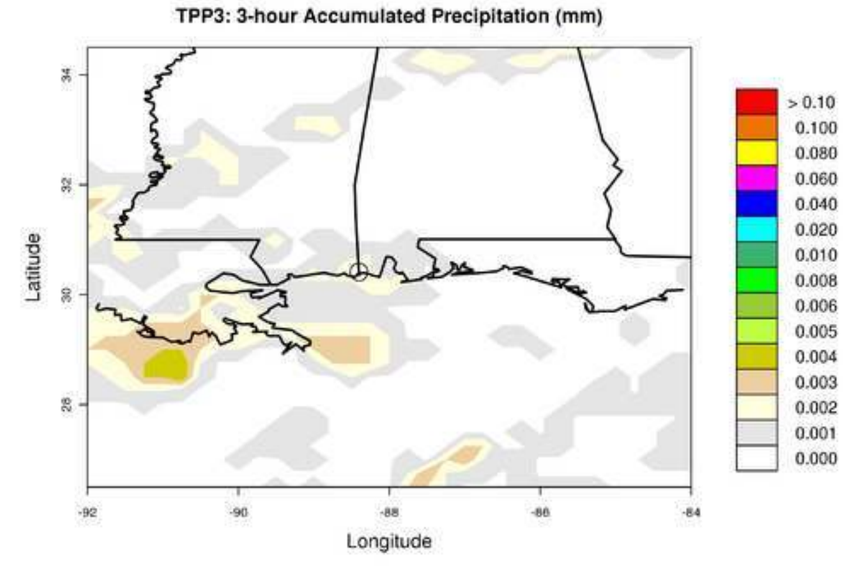

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

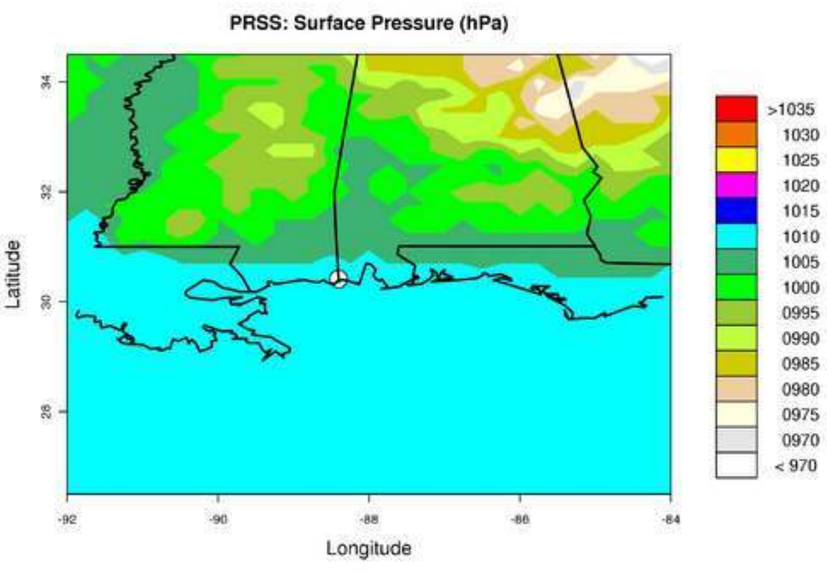

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

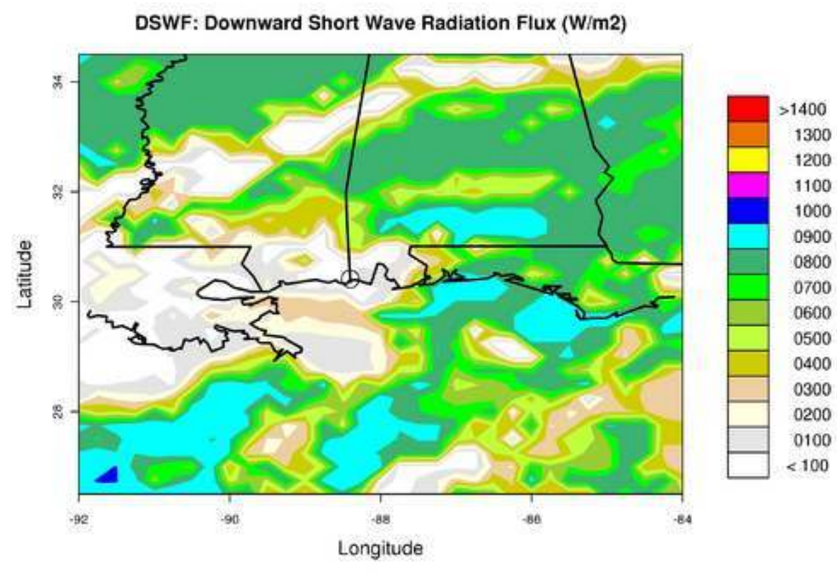

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

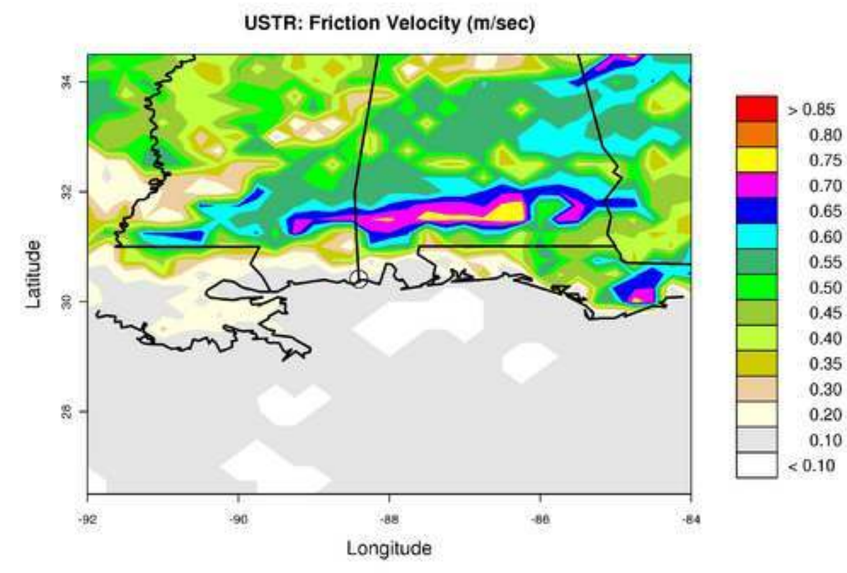

FORECAST for 2010_08_05, local hour = 14
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

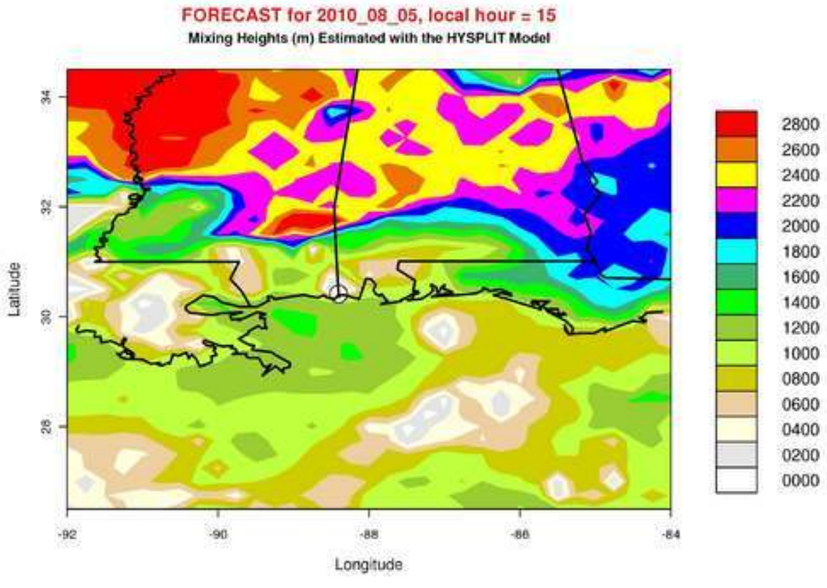

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

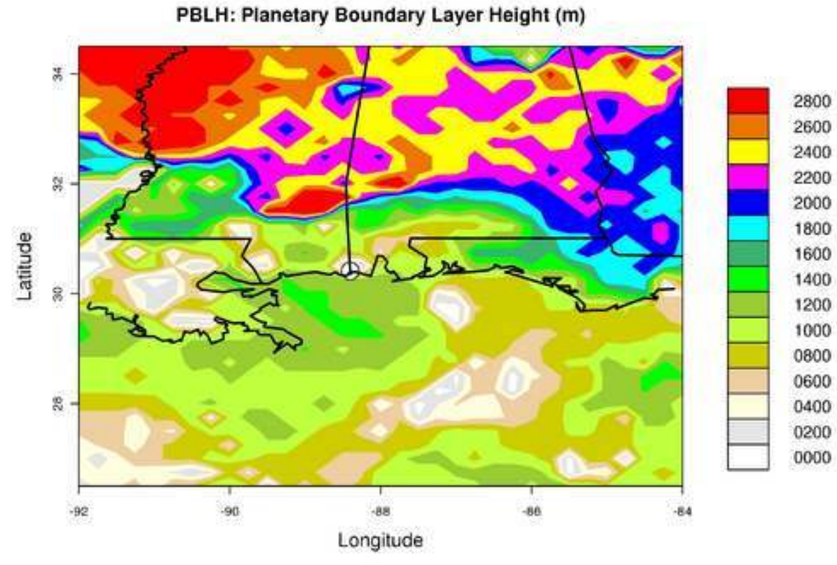

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

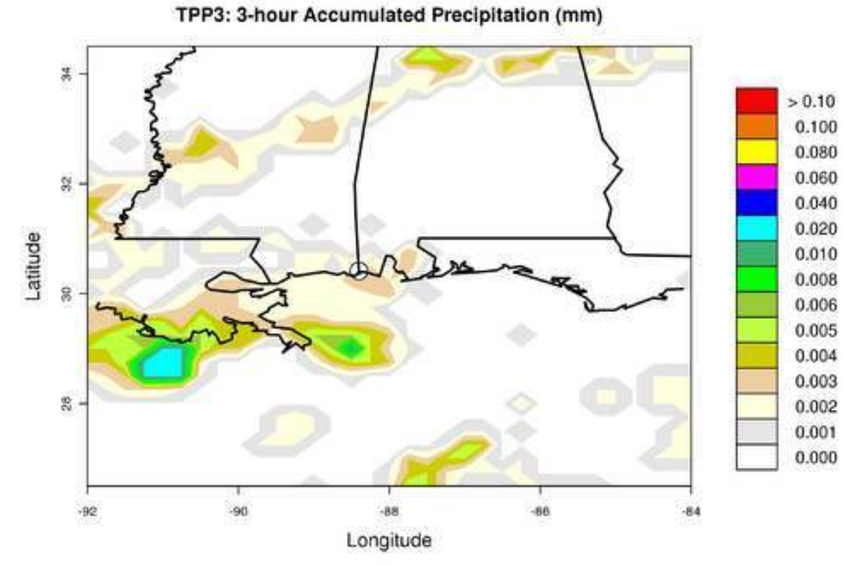

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

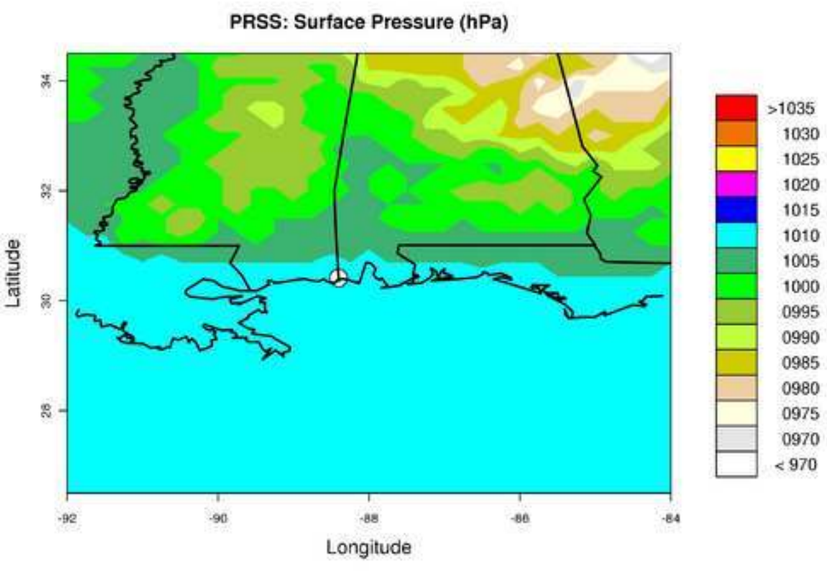

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

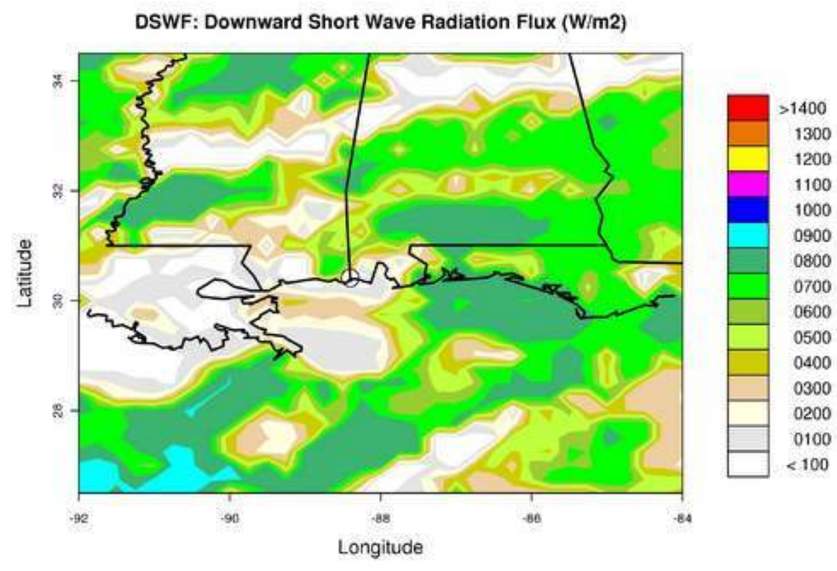

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

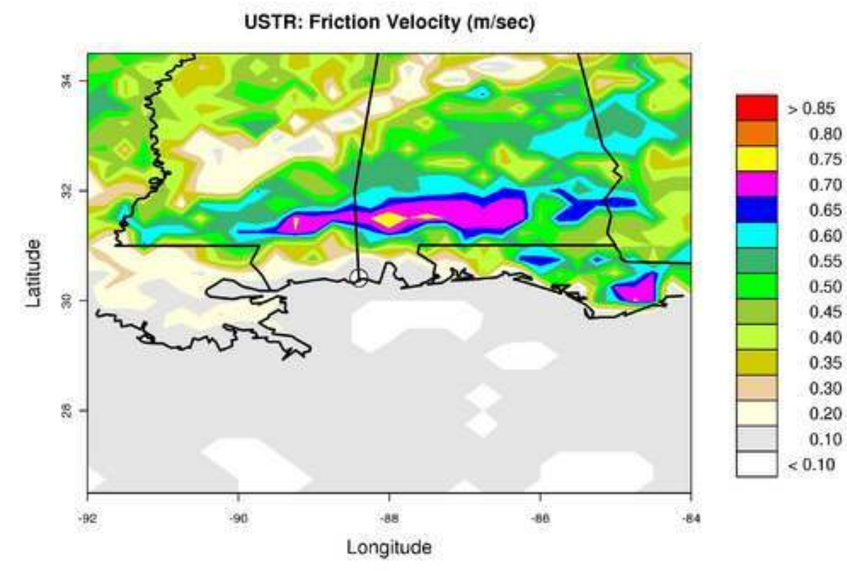

FORECAST for 2010_08_05, local hour = 15
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

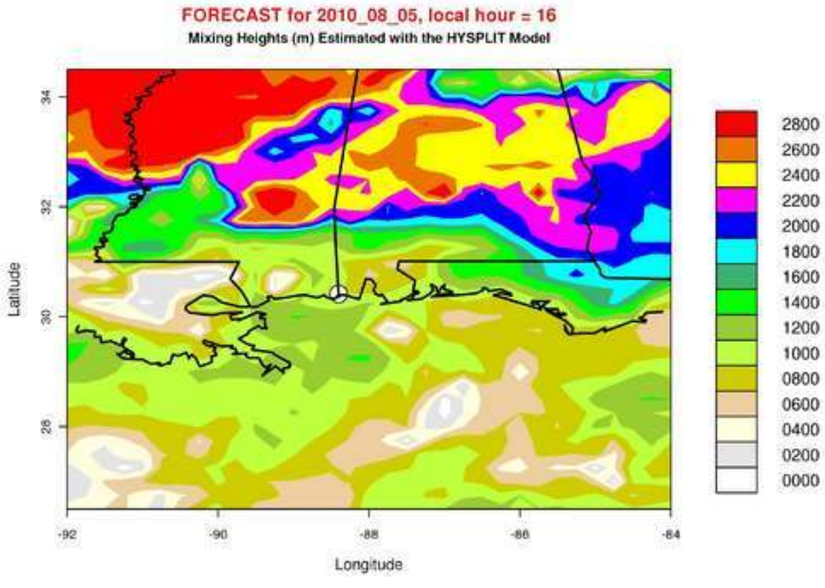

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

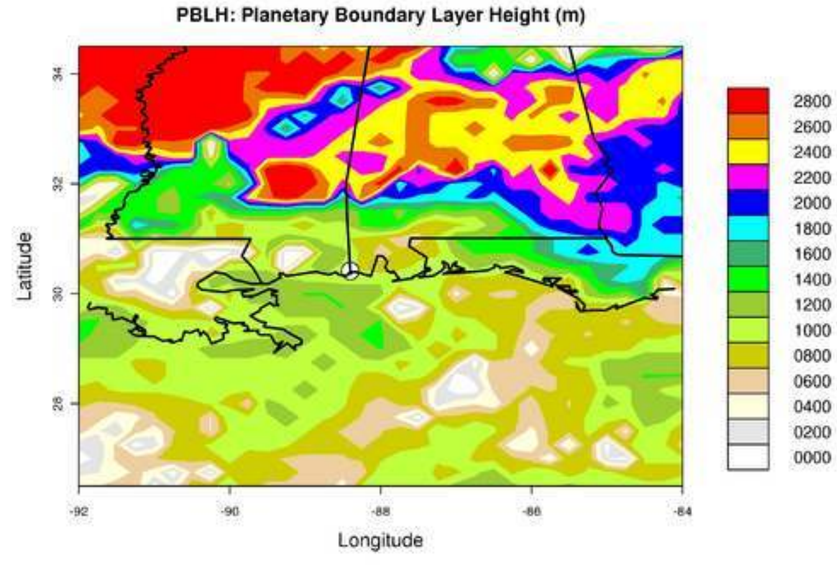

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

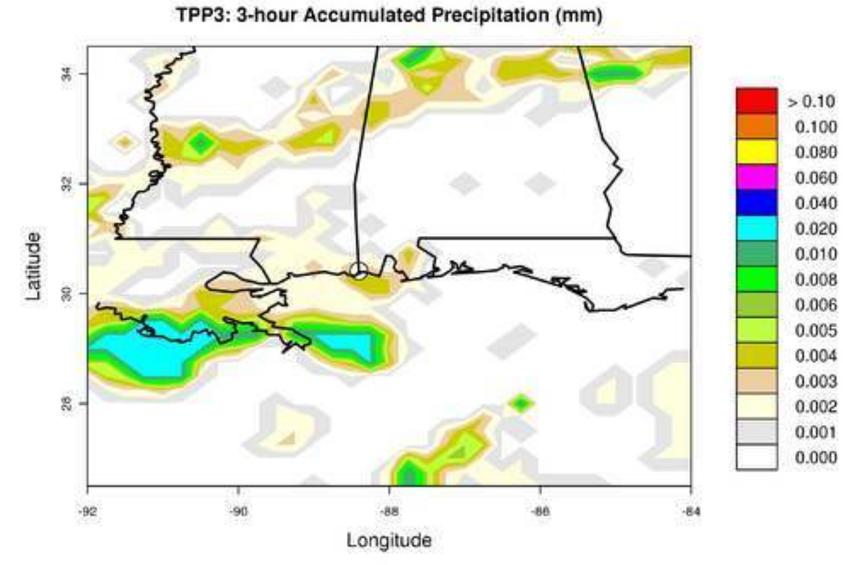

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

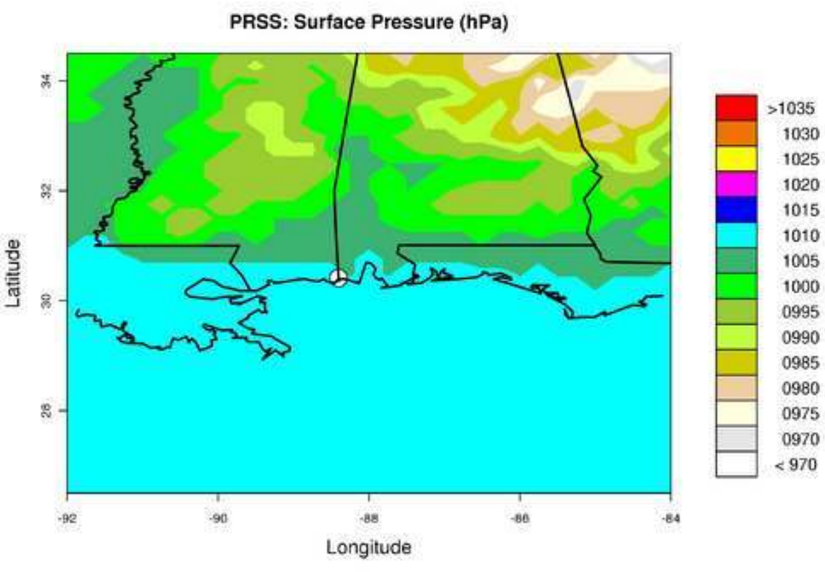

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

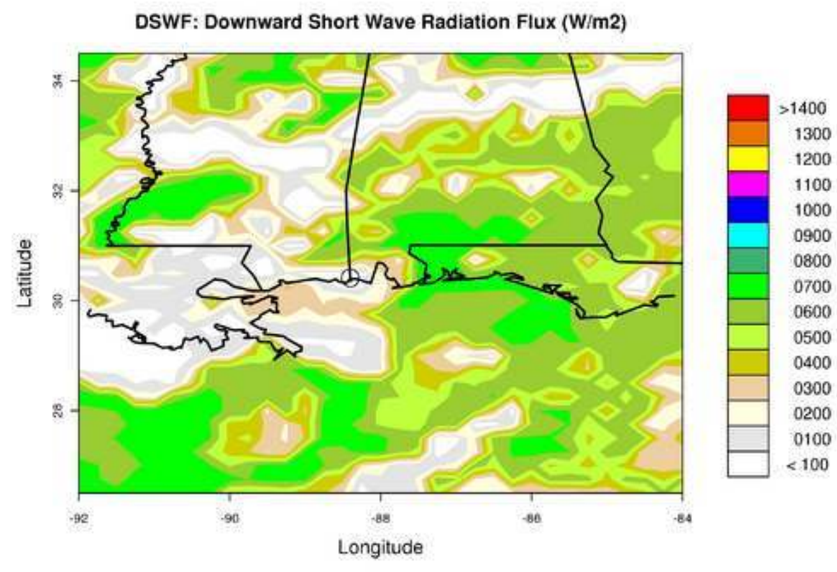

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

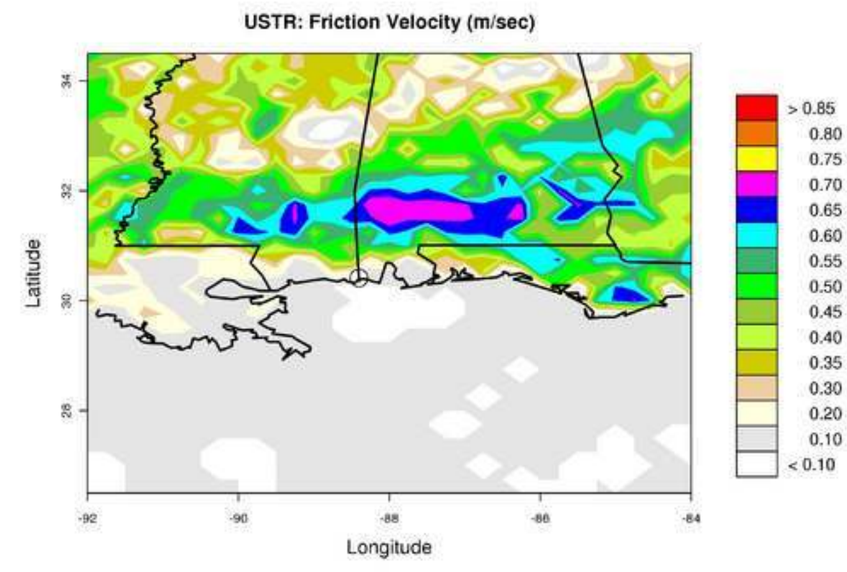

FORECAST for 2010_08_05, local hour = 16
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

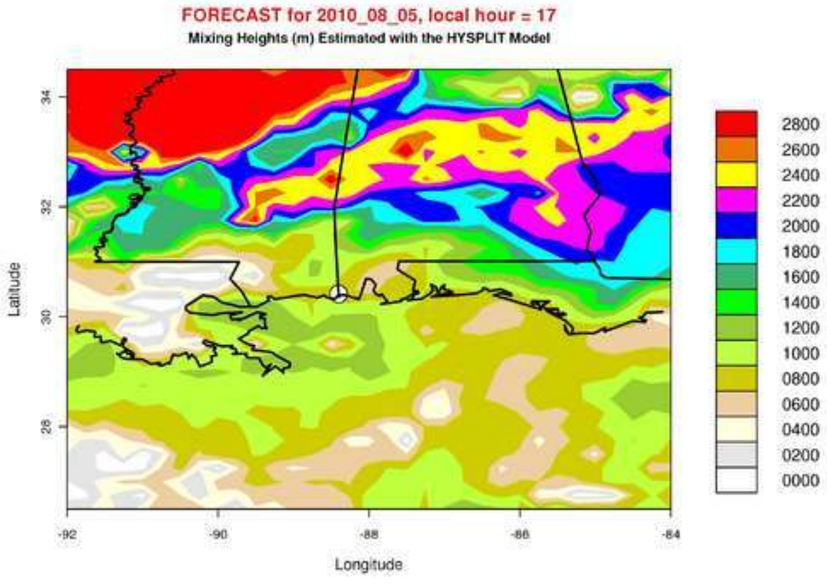

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

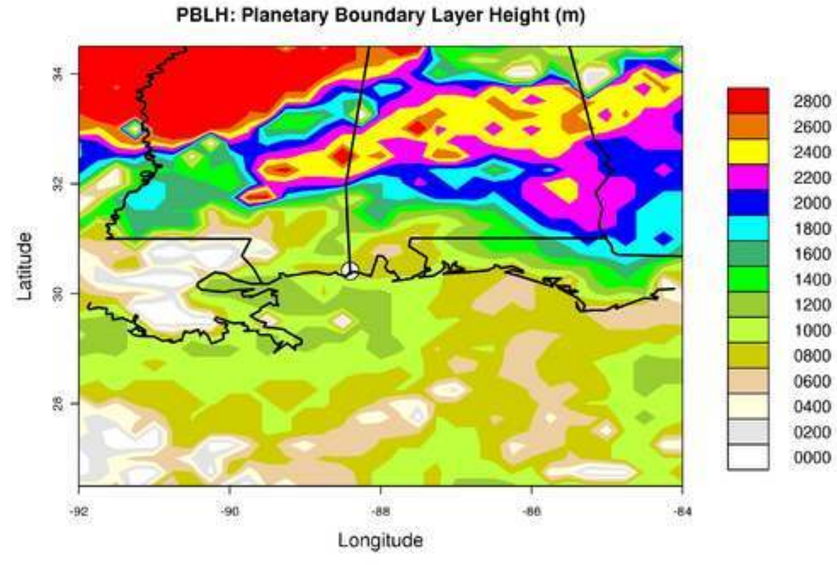

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

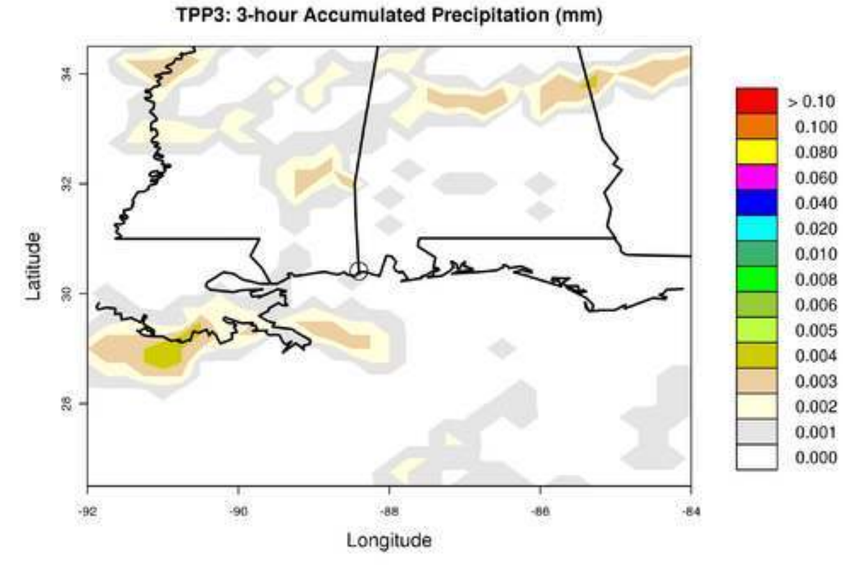

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

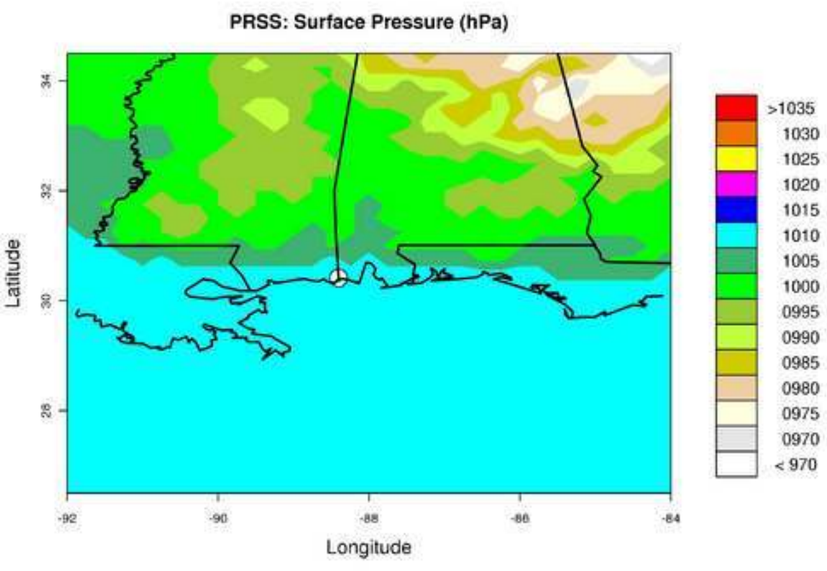

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

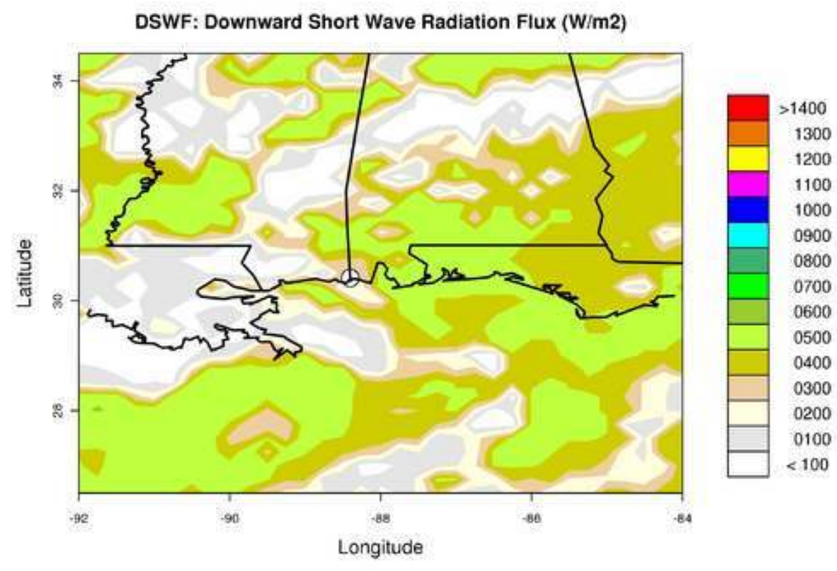

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

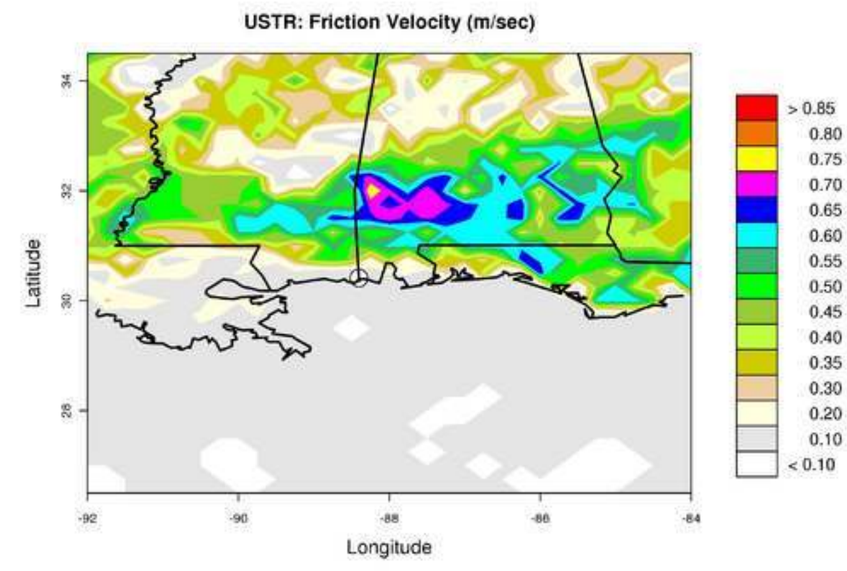

FORECAST for 2010_08_05, local hour = 17
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

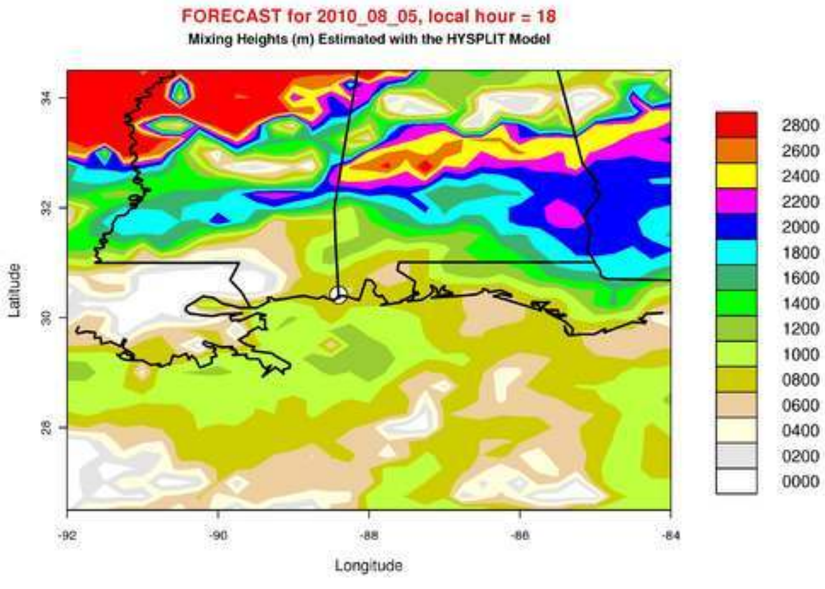

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

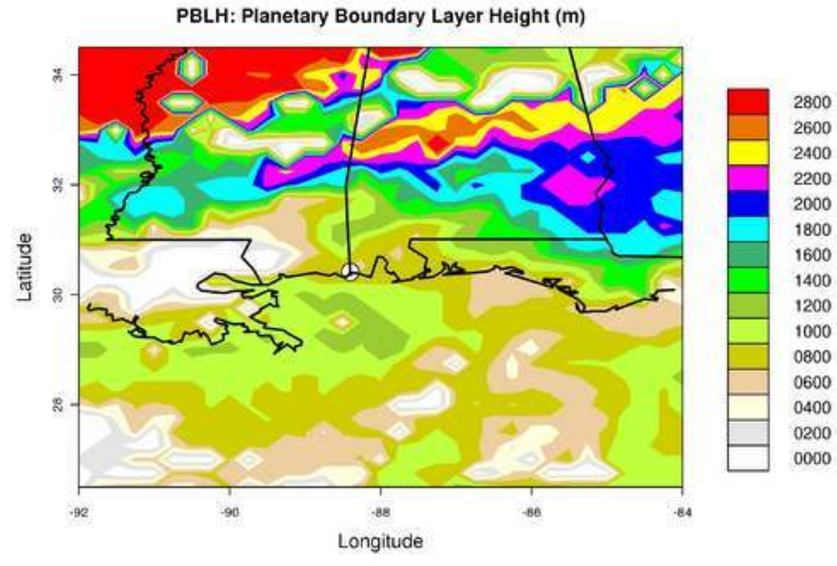

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

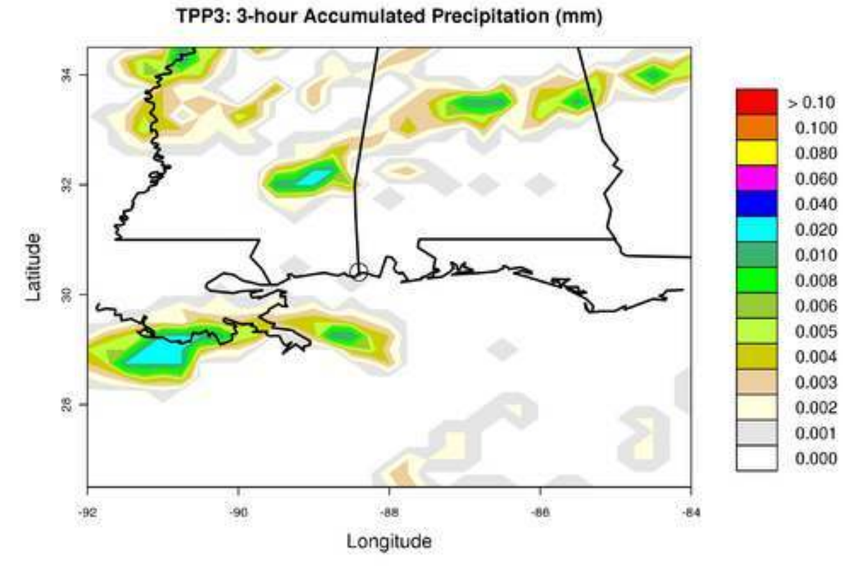

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

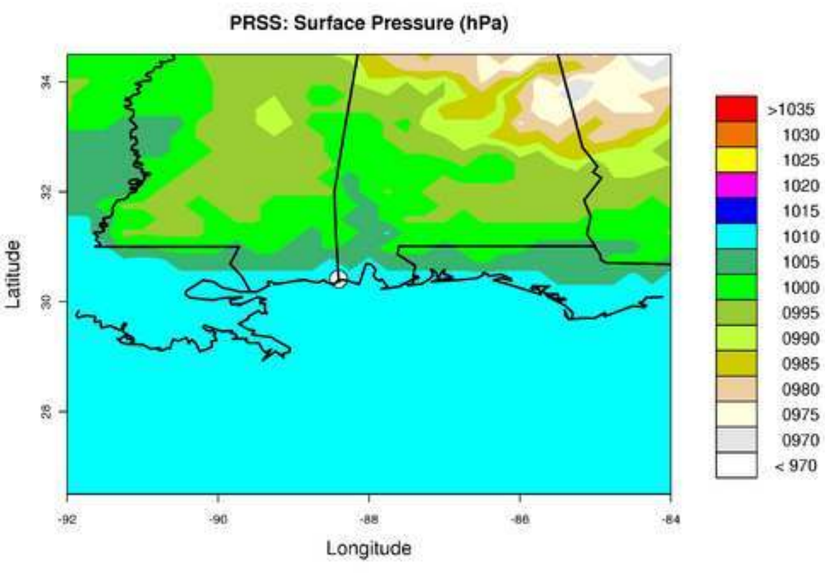

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

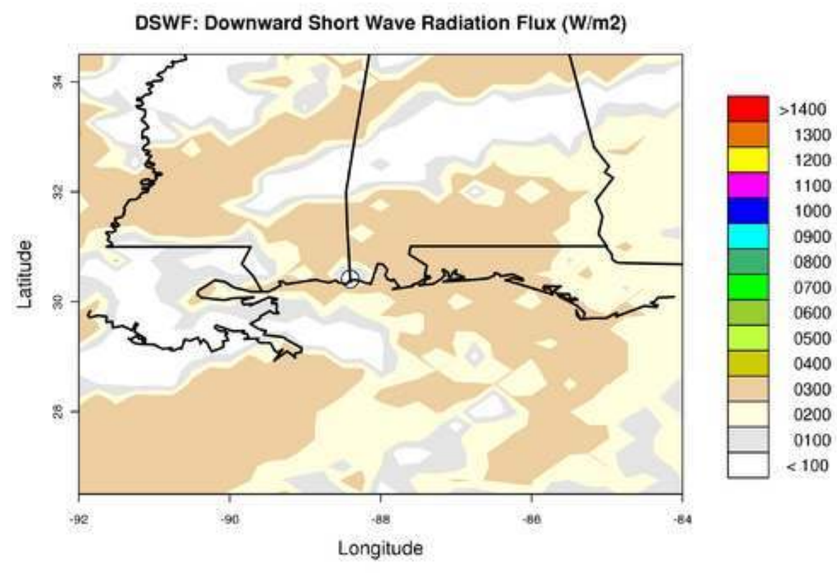

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

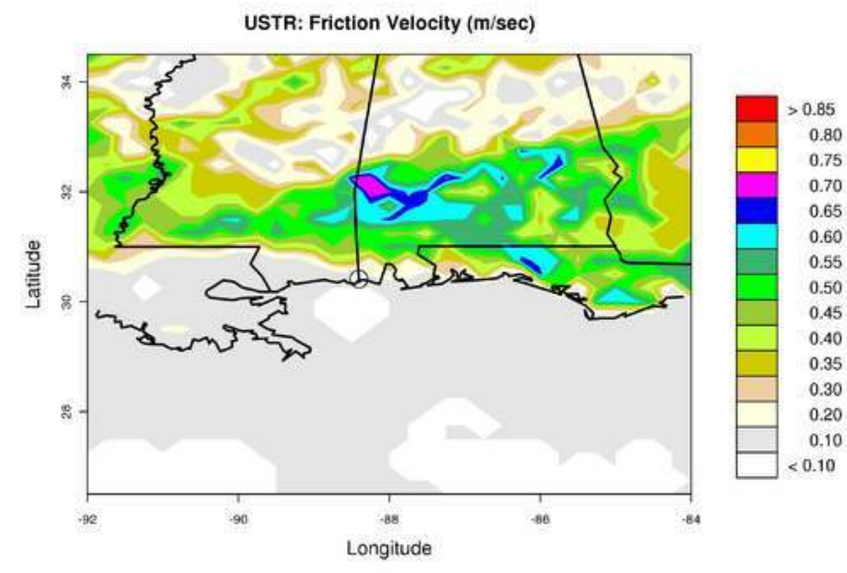

FORECAST for 2010_08_05, local hour = 18
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

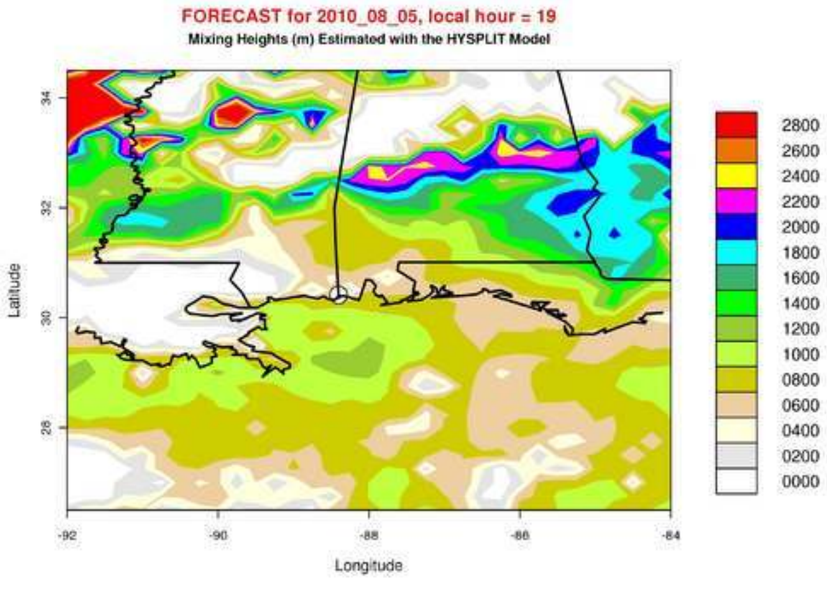

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

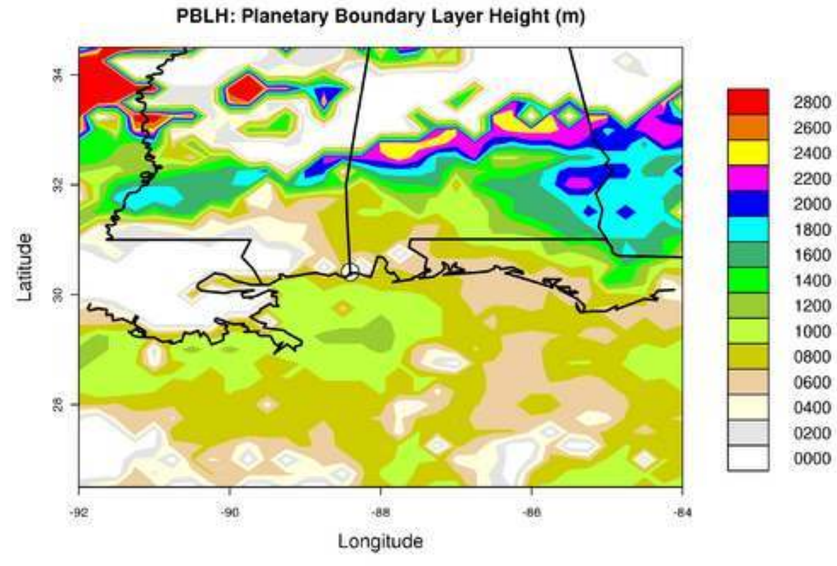

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

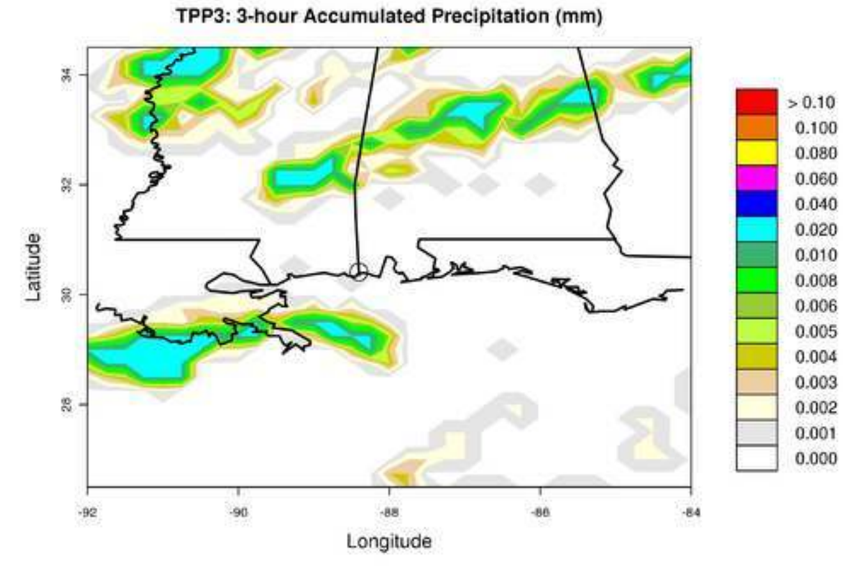

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

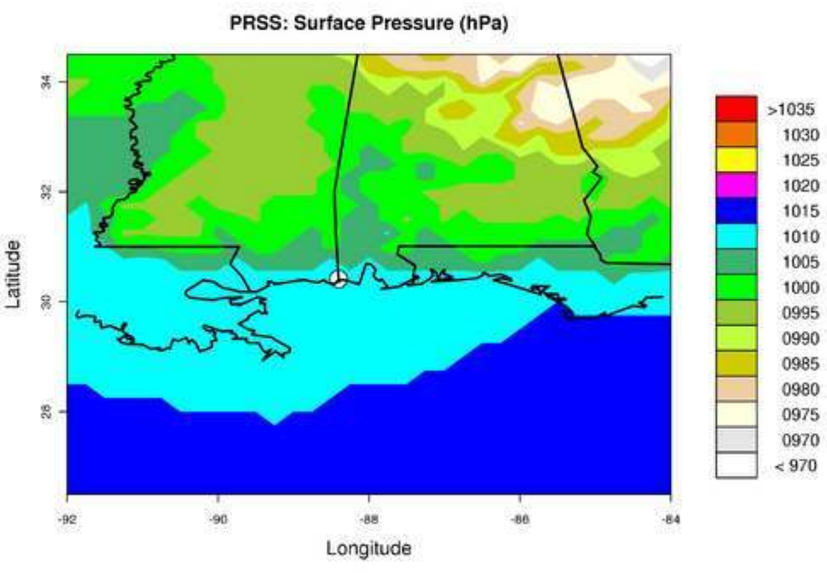

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

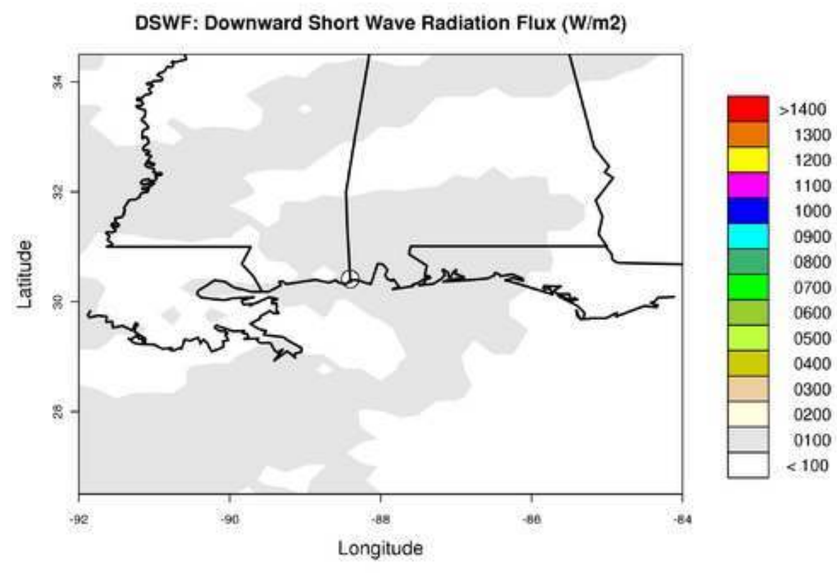

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

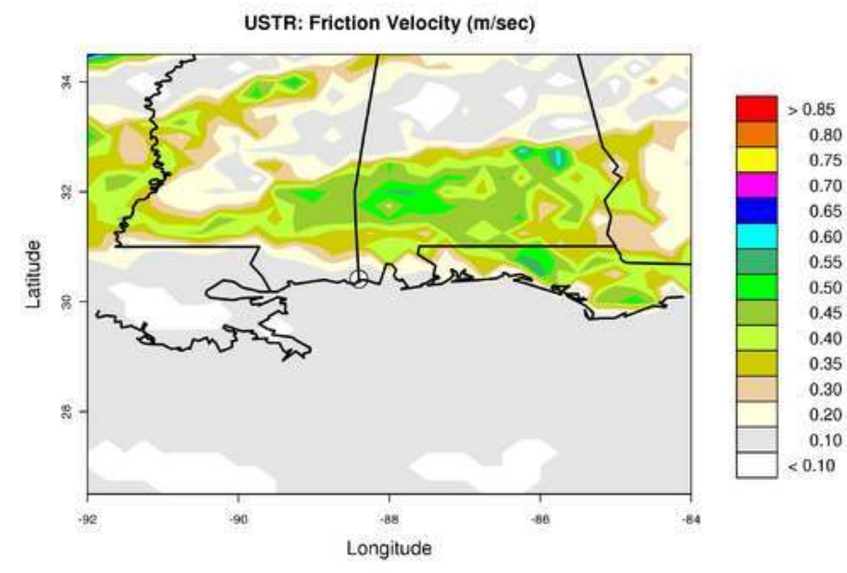

FORECAST for 2010_08_05, local hour = 19
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

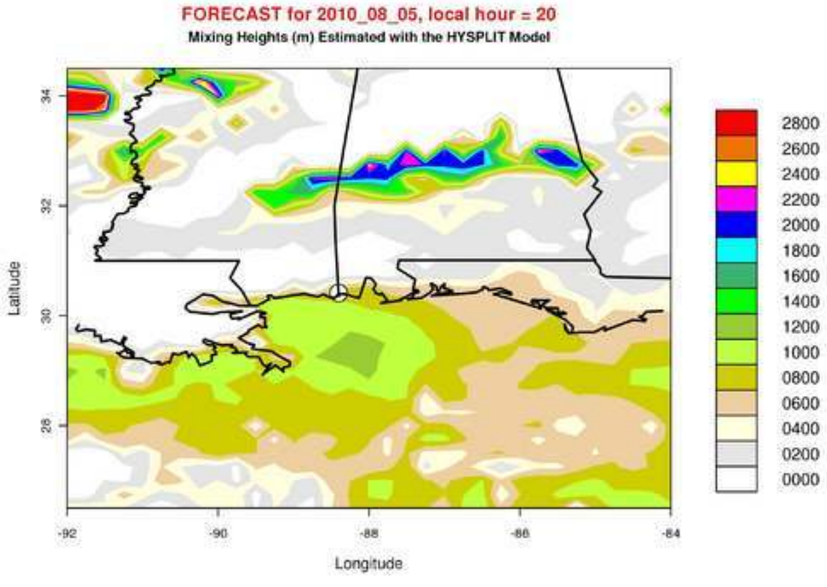

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

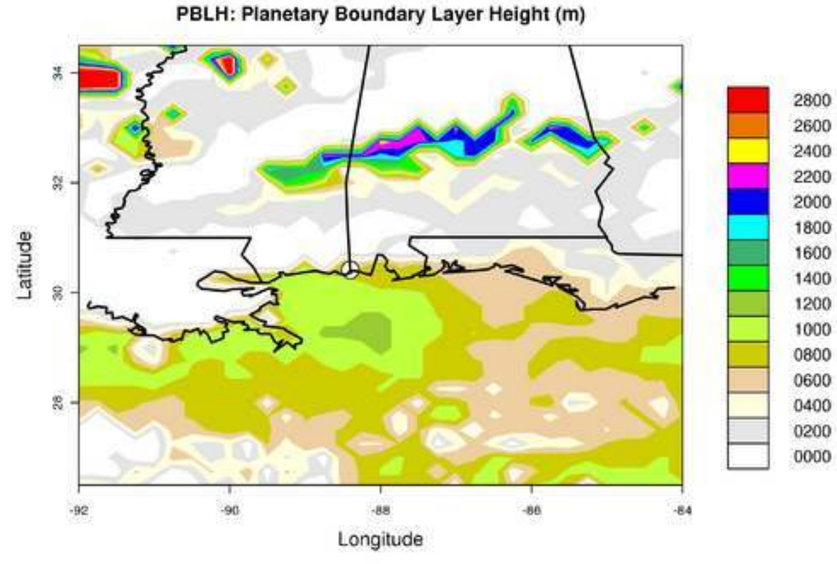

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

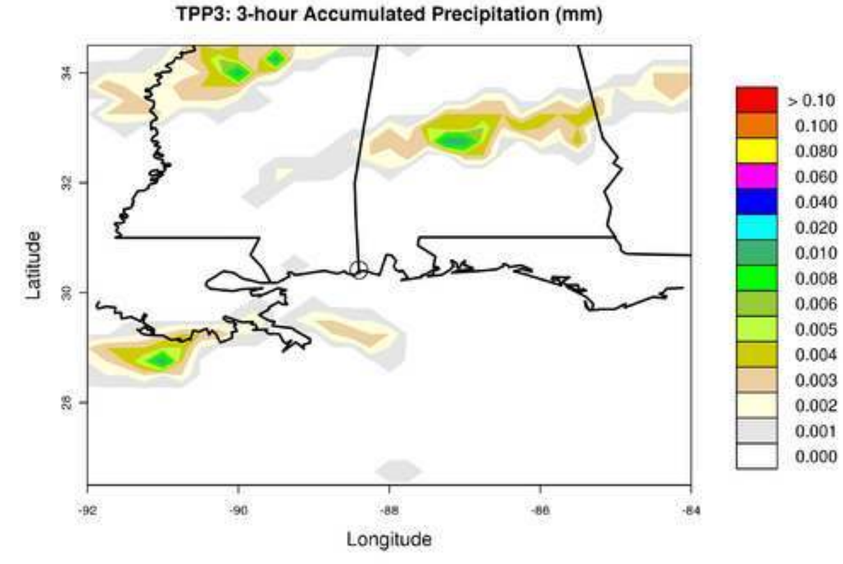

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

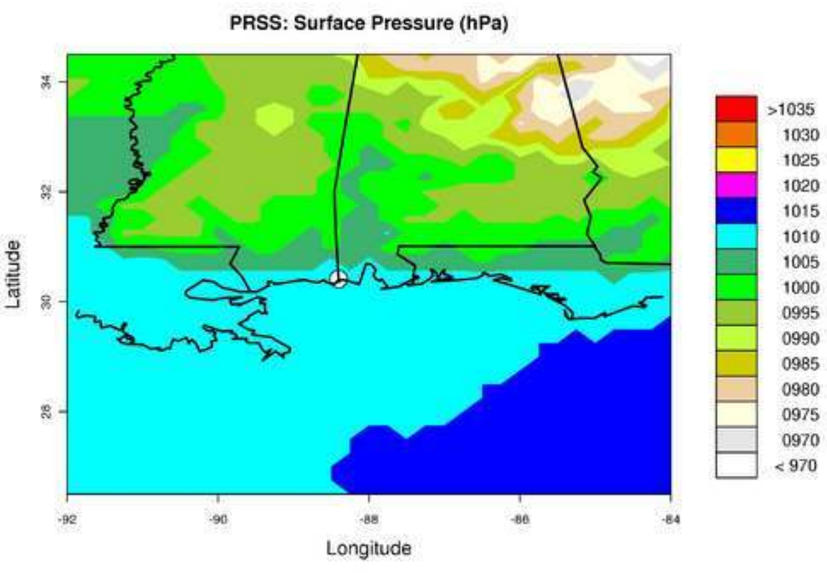

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

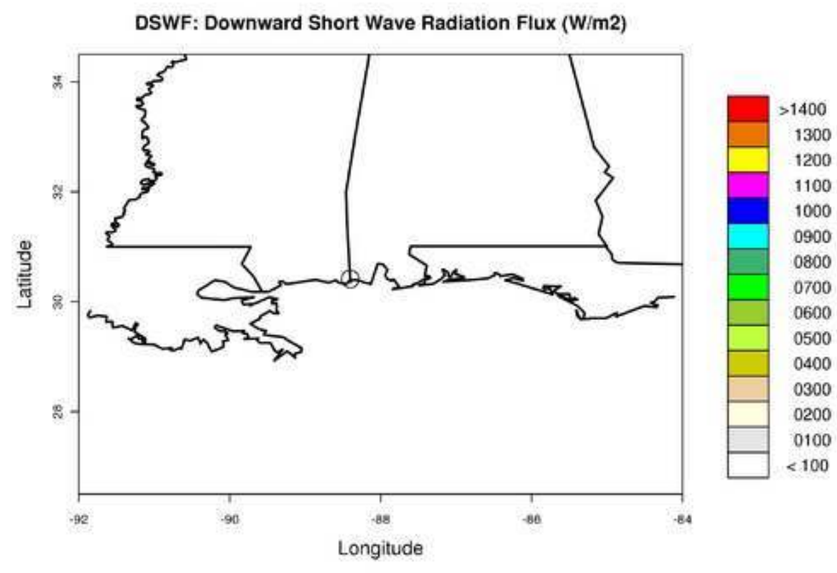

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

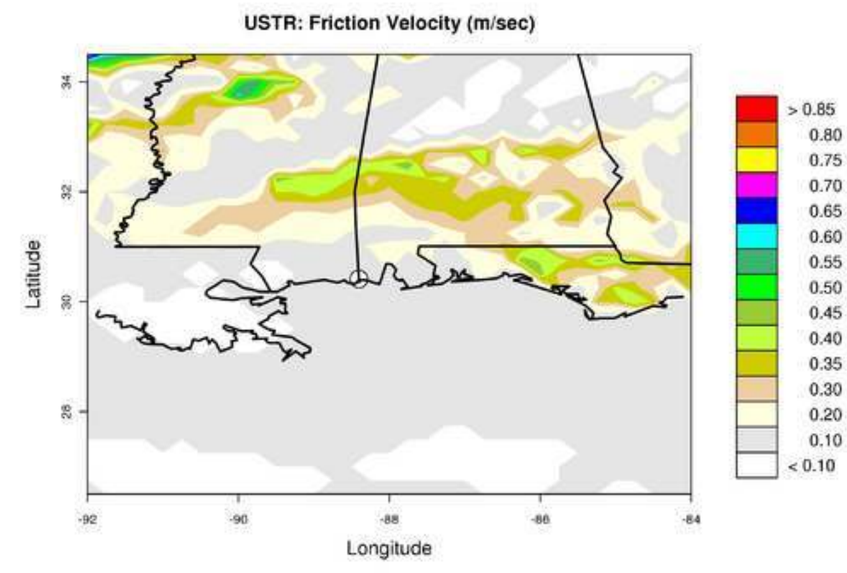

FORECAST for 2010_08_05, local hour = 20
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000


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 (mm)
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

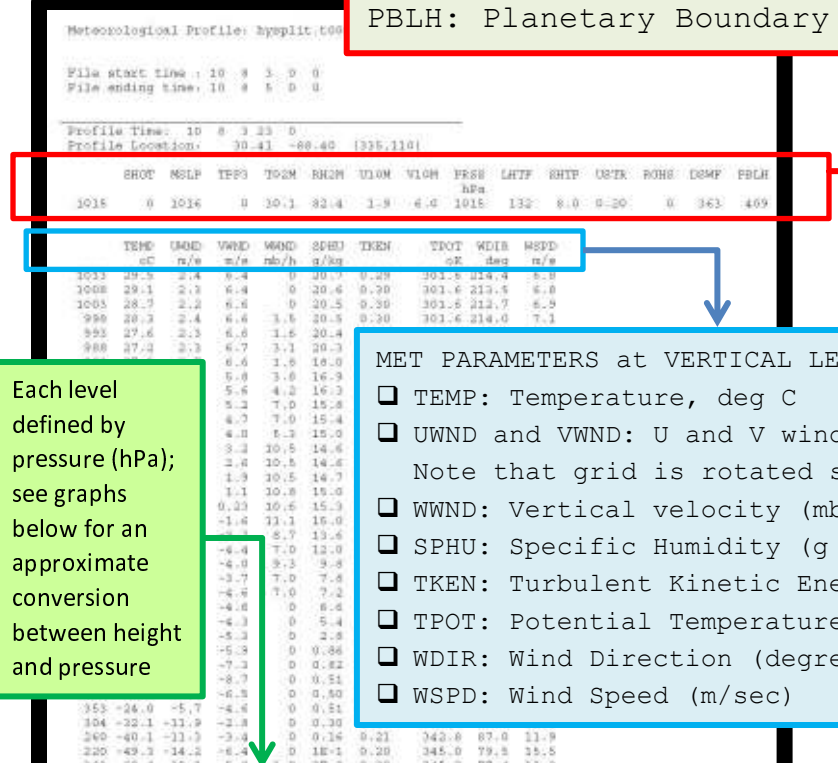

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100


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]

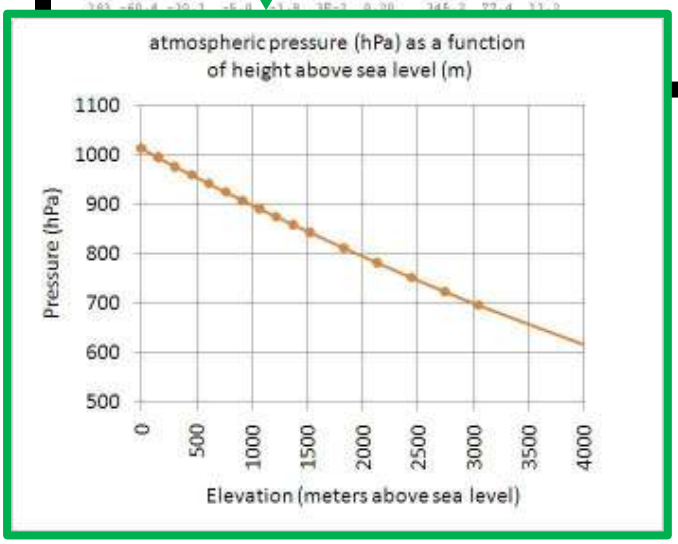
SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1015	0	1016	0	30.1	82.4	1.9	6.0	1015	132	8.0	0.20	0	363	469

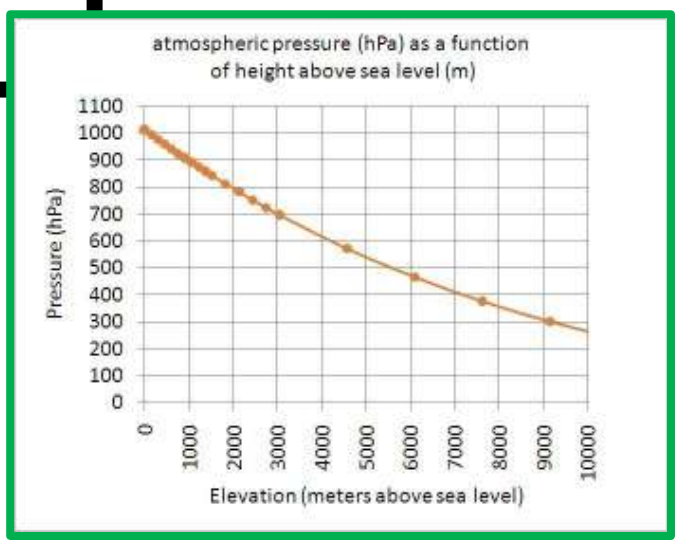
	TEMP cC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT cK	WDIR deg	WSPD m/s
1013	29.5	2.4	6.4	0	20.7	0.29	301.5	214.4	6.8
1008	29.1	2.3	6.4	0	20.6	0.30	301.6	213.5	6.8
1003	28.7	2.2	6.6	0	20.5	0.30	301.6	212.7	6.9
998	28.3	2.4	6.6	1.6	20.5	0.30	301.6	214.0	7.1
993	27.6	2.3	6.6	1.6	20.4				
988	27.3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





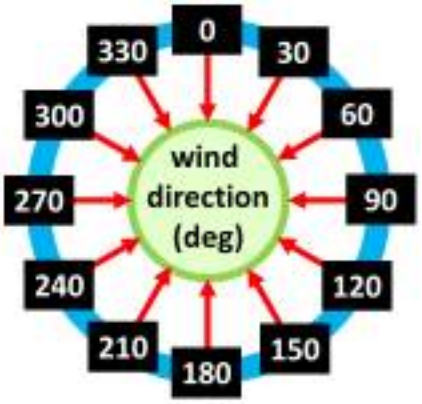
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 5 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	1014	1E-2	30.7	69.4	3.9	0.61	1012	167	9.5	0.13	0	40.0	1145

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1010	29.8	4.2	0.72	1.2	17.9	0.33	302.1	274.1	4.3
1005	29.7	4.1	0.77	1.7	17.7	0.45	302.4	273.4	4.2
1000	29.0	4.1	0.72	0.88	17.5	0.45	302.1	274.0	4.2
995	28.8	4.1	0.62	1.8	17.5	0.45	302.4	275.2	4.1
990	28.3	4.0	0.73	2.6	17.3	0.45	302.3	273.6	4.1
985	27.9	4.0	0.65	0	17.4	0.45	302.3	274.8	4.1
980	27.4	4.2	0.67	0	17.2	0.45	302.2	274.8	4.3
975	26.9	4.3	0.71	0	17.2	0.45	302.3	274.4	4.3
969	26.4	3.9	0.71	0	17.2	0.45	302.2	273.6	4.0
964	25.9	3.9	0.71	1.8	17.1	0.45	302.2	273.6	4.0
958	25.3	3.9	0.79	1.8	17.0	0.45	302.1	272.5	4.0
952	24.8	4.0	0.85	0	17.1	0.45	302.2	271.8	4.1
945	24.2	3.9	0.90	0	17.0	0.45	302.2	271.0	4.0
939	23.6	3.9	0.92	0	17.0	0.45	302.1	270.6	4.0
931	22.7	4.4	0.91	0	16.8	0.45	301.9	272.0	4.5
924	22.0	4.1	1.0	0	16.7	0.45	301.9	270.0	4.2
915	21.2	4.3	0.97	0	15.9	0.45	301.9	271.2	4.4
894	20.0	1.4	0	-3.5	14.3	0.20	302.7	283.9	1.4
867	18.5	-1.6	-2.1	-7.0	13.8	0.20	303.9	51.0	2.6
836	16.6	-3.5	-3.3	-8.8	12.9	0.20	305.0	60.1	4.8
802	14.7	-3.3	-2.1	-9.2	11.6	0.20	306.6	70.8	3.9
766	12.7	-2.6	-1.6	-10.5	10.4	0.20	308.5	73.1	3.0
727	10.4	-3.9	-1.4	-7.0	9.1	0.20	310.6	83.8	4.1
686	7.8	-4.9	-1.5	-9.1	7.8	0.20	312.9	86.9	5.1
642	4.8	-5.5	0.22	-10.5	6.4	0.20	315.4	106.1	5.5
596	1.3	-5.6	0.50	-10.5	5.1	0.20	318.2	109.0	5.6
548	-2.3	-6.3	-0.68	-10.5	4.2	0.20	321.6	97.8	6.4
500	-6.1	-5.0	-1.5	-17.2	4.0	0.20	325.6	86.7	5.2
451	-11.0	-3.2	-1.2	-30.6	3.5	0.20	329.3	83.2	3.4
401	-16.6	-2.3	-1.6	-34.9	2.5	0.20	333.1	69.9	2.8
352	-23.8	-3.9	-3.1	-15.8	1.5	0.20	336.2	65.6	4.9
303	-31.9	-7.0	-3.8	3.0	0.73	0.20	339.3	75.6	8.0
259	-41.0	-8.1	-10.1	3.8	0.30	0.20	341.7	52.5	13.0
220	-50.3	-7.7	-8.5	4.1	0.11	0.20	343.8	56.1	11.4
182	-61.2	-7.1	-9.9	5.1	3E-2	0.20	344.9	49.6	12.2
138	-71.4	-6.1	-3.2	2.7	1E-2	0.20	355.7	76.0	6.9
88	-66.8	-10.9	-3.1	0	1E-2	0.20	413.8	88.2	11.3
63	-61.3	-15.8	-0.97	0.48	1E-2	0.20	467.5	100.4	15.9
38	-48.4	-24.4	-4.2	0.20	2E-2	0.20	574.1	94.1	24.8



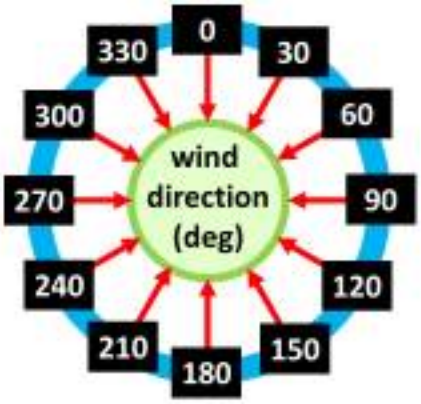
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 5 15 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
								hPa						
1016	0	1014	1E-2	30.7	69.8	4.0	0	1016	168	9.6	0.13	0	56.0	1044

	TEMP	UWND	VWND	WWND	SPHU	TKEN	TPOT	WDIR	WSPD
	oC	m/s	m/s	mb/h	g/kg		oK	deg	m/s
1014	29.8	4.4	0.26	0	17.8	0.33	301.8	280.4	4.4
1009	29.4	4.2	0.15	0	17.8	0.33	301.8	281.8	4.2
1004	29.0	4.0	0.25	2.2	17.6	0.45	301.8	280.2	4.0
999	28.5	3.9	0.19	1.8	17.4	0.45	301.8	281.0	3.9
994	28.2	3.9	0	0	17.4	0.45	301.9	283.9	3.9
989	27.8	3.9	0.27	0	17.4	0.45	301.9	279.9	3.9
984	27.2	4.1	0.13	2.6	17.4	0.45	301.8	282.1	4.1
978	26.8	3.8	0.13	0	17.3	0.45	301.8	281.9	3.8
973	26.3	3.8	0.17	2.0	17.3	0.45	301.9	281.3	3.8
967	25.7	3.9	0.23	0	17.2	0	301.8	280.5	3.9
961	25.3	3.9	0.31	0	17.1	0	301.8	279.3	3.9
955	24.6	4.0	0.36	2.7	17.2	0	301.7	278.7	4.0
949	24.0	4.0	0.45	0	17.0	0	301.7	277.5	4.0
942	23.5	4.0	0.44	0	17.0	0	301.7	277.5	4.0
935	22.6	4.0	0.48	0	16.7	0	301.5	277.0	4.0
927	21.9	4.2	0.49	0	16.7	0	301.5	277.3	4.3
919	21.3	3.6	0.39	1.8	15.2	0	301.7	277.8	3.7
897	20.1	1.4	0	-3.5	14.2	0.20	302.5	283.9	1.4
870	18.6	-0.88	-1.1	-10.5	13.5	0.20	303.6	52.0	1.4
839	16.8	-3.6	-2.6	-10.5	12.7	0.20	304.8	68.1	4.5
805	14.9	-3.6	-1.8	-13.6	11.4	0.20	306.4	77.0	4.0
769	12.7	-2.2	-1.2	-13.9	10.3	0.20	308.2	75.1	2.5
730	10.5	-3.4	-1.00	-15.6	9.0	0.20	310.4	87.6	3.6
689	7.9	-4.6	-0.91	-21.1	7.8	0.20	312.6	92.7	4.7
645	4.6	-5.0	0.61	-22.0	6.5	0.20	314.9	110.9	5.0
598	1.2	-4.7	1.1	-29.8	5.2	0.20	317.8	117.3	4.8
551	-2.7	-6.0	0.49	-28.1	4.6	0.20	320.8	108.5	6.0
502	-6.4	-6.7	-0.63	-27.8	4.5	0.20	324.9	98.4	6.7
453	-11.0	-4.2	-2.0	-33.9	3.6	0.20	328.9	78.7	4.7
403	-16.7	-3.0	-2.0	-17.9	2.3	0.20	332.6	70.6	3.6
353	-23.8	-4.2	-3.6	0	1.3	0.20	335.9	62.9	5.5
305	-31.6	-8.1	-5.4	7.0	0.66	0.20	339.3	70.3	9.8
260	-41.0	-10.9	-7.5	10.2	0.27	0.20	341.4	69.4	13.2
221	-50.2	-7.4	-6.6	6.8	0.11	0.20	343.5	62.0	9.9
183	-60.3	-6.5	-11.1	0	4E-2	0.20	345.9	44.2	12.9
138	-71.4	-4.6	-4.9	-1.2	1E-2	0.20	355.4	56.9	6.7
88	-67.4	-11.9	-2.5	1.0	1E-2	0.20	412.0	91.9	12.1
63	-62.0	-14.7	0.87	-0.31	1E-2	0.20	465.6	107.2	14.8
38	-47.9	-25.4	-4.5	-0.15	2E-2	0.20	574.8	93.7	25.8



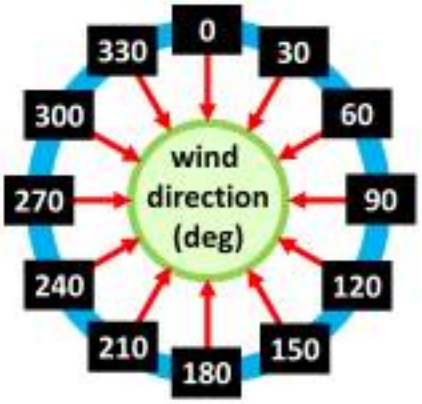
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 5 16 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
								hPa						
1013	0	1014	1E-3	30.5	69.6	3.6	-0.26	1013	176	9.5	0.13	0	77.0	1172

	TEMP	UWND	VWND	WWND	SPHU	TKEN	TPOT	WDIR	WSPD
	oC	m/s	m/s	mb/h	g/kg		oK	deg	m/s
1011	29.8	3.8	-0.31	0	17.7	0.33	302.0	288.5	3.8
1006	29.4	4.0	-0.24	0	17.7	0.39	302.0	287.4	4.0
1001	28.9	3.9	-0.22	2.6	17.6	0.39	302.0	287.1	3.9
996	28.5	3.8	-0.31	0	17.6	0.45	302.0	288.6	3.8
991	27.9	3.7	-0.27	0	17.5	0.45	301.9	288.1	3.7
986	27.7	3.8	-0.19	0	17.5	0.45	302.0	286.8	3.8
981	27.1	4.0	-0.30	2.5	17.5	0.75	302.0	288.2	4.0
975	26.6	3.7	-0.22	0	17.4	0.75	301.9	287.4	3.7
970	26.1	3.8	-0.14	0	17.4	0.75	301.8	286.1	3.8
964	25.7	3.9	-0.16	0	17.3	0.75	302.0	286.2	3.9
958	25.1	3.9	0	0	17.3	0.75	301.9	283.9	3.9
952	24.5	3.5	0	0	17.3	0.75	301.8	283.9	3.5
946	23.8	3.5	0	0	17.3	0.75	301.7	283.9	3.5
939	23.2	3.4	0	0	17.0	0	301.7	283.9	3.4
932	22.5	3.6	0	0	16.7	0.45	301.7	283.9	3.6
924	21.8	3.5	0.30	0	16.3	0.45	301.7	279.0	3.5
916	21.5	2.5	-0.26	0	15.0	0.32	302.1	289.7	2.5
894	20.3	0.94	-0.71	0	14.2	0.20	302.9	321.1	1.2
867	18.6	-1.3	-0.63	-3.5	13.4	0.20	303.9	78.8	1.5
837	16.9	-3.1	-1.5	-7.0	12.5	0.20	305.2	78.7	3.5
803	15.1	-3.4	-1.0	-7.0	11.2	0.20	306.9	86.7	3.5
766	13.0	-1.7	-1.2	-14.1	10.1	0.20	308.8	69.9	2.1
728	10.7	-2.7	-0.88	-14.1	8.9	0.20	310.9	85.9	2.8
687	8.0	-3.6	-0.59	-17.6	7.7	0.20	313.0	94.4	3.6
643	4.8	-3.7	0.26	-21.1	6.4	0.20	315.4	107.9	3.7
597	1.2	-3.4	1.2	-22.4	5.3	0.20	318.0	123.6	3.6
549	-2.6	-5.2	0.67	-22.9	4.7	0.20	321.2	111.2	5.2
500	-5.6	-6.7	-0.52	-21.1	4.6	0.20	326.2	99.4	6.7
451	-11.4	-5.6	-2.4	-14.0	3.4	0.20	328.7	80.7	6.1
402	-17.0	-3.6	-1.7	-7.0	2.4	0.20	332.5	77.9	4.0
352	-23.7	-5.1	-2.8	-4.9	1.3	0.20	336.2	75.2	5.8
304	-31.9	-7.7	-4.0	-5.3	0.69	0.20	339.3	76.5	8.6
259	-41.0	-9.8	-5.4	-3.5	0.26	0.20	341.7	75.2	11.2
220	-50.2	-7.9	-7.4	0	0.11	0.20	343.9	60.6	10.9
183	-60.6	-8.1	-12.7	0	4E-2	0.20	345.7	46.4	15.0
138	-71.7	-5.9	-2.7	2.6	1E-2	0.20	355.2	79.3	6.5
88	-66.7	-10.9	-2.5	0.33	1E-2	0.20	413.8	90.9	11.2
63	-61.8	-14.0	0.67	0.40	1E-2	0.20	466.4	106.6	14.0
38	-47.3	-26.6	-3.6	-0.34	2E-2	0.20	576.9	96.2	26.9



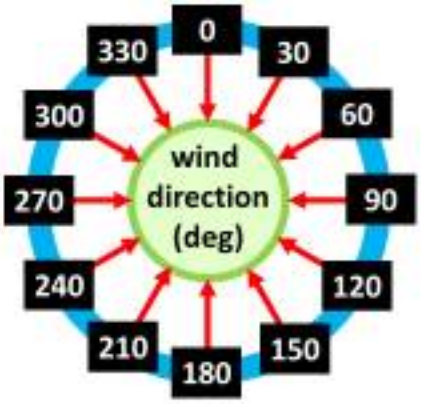
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 5 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
1014	0	1014	3E-3	30.2	69.5	2.7	-0.44	1014	160	9.5	0.11	0	70.9	1140

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1011	29.5	2.7	-0.54	1.7	17.5	0.45	301.7	295.3	2.7
1007	29.1	2.8	-0.53	2.6	17.4	0.45	301.7	294.6	2.8
1002	28.8	2.7	-0.55	0	17.4	0.45	301.8	295.6	2.7
997	28.3	2.8	-0.62	3.5	17.4	0.45	301.7	296.2	2.9
992	27.9	2.7	-0.54	4.4	17.3	0.45	301.8	295.0	2.8
987	27.3	2.8	-0.57	3.5	17.3	0.45	301.6	295.4	2.8
981	27.0	3.0	-0.46	7.2	17.2	0.70	301.8	292.7	3.0
976	26.5	2.7	-0.52	5.3	17.2	0.75	301.7	294.9	2.7
971	25.9	2.9	-0.49	7.0	17.2	0.75	301.7	293.7	2.9
965	25.3	2.9	-0.57	8.8	17.2	0.75	301.6	294.8	3.0
959	25.0	2.5	-0.31	8.8	17.1	0.75	301.7	291.1	2.5
953	24.4	2.5	-0.56	9.0	17.0	0.75	301.6	296.3	2.6
947	23.7	2.5	-0.49	10.5	17.0	0.75	301.6	294.7	2.6
940	23.1	2.6	-0.47	10.5	17.0	0.75	301.5	294.0	2.7
933	22.3	3.0	0	10.5	16.7	0.75	301.5	283.9	3.0
925	22.0	2.5	0	10.5	15.2	0.75	301.8	283.9	2.5
916	21.5	1.5	-0.80	12.8	14.5	0	302.1	311.4	1.7
895	20.3	0	-0.26	10.5	13.9	0	302.9	13.9	0.3
868	18.9	-1.1	0	7.0	13.0	0.20	304.1	103.9	1.1
837	17.1	-3.0	-0.25	3.5	12.1	0.20	305.4	99.2	3.0
803	15.2	-3.1	-0.30	0	11.1	0.20	307.0	98.3	3.1
767	13.1	-1.7	-0.81	-7.0	10.0	0.20	308.8	78.4	1.9
728	10.7	-2.3	-0.64	-7.0	8.9	0.20	310.8	88.3	2.4
687	7.9	-3.1	-0.68	-9.5	7.7	0.20	312.9	91.5	3.2
643	4.8	-2.9	0	-10.5	6.5	0.20	315.3	103.9	2.9
597	1.2	-2.2	0.61	-13.3	5.3	0.20	317.9	119.6	2.3
549	-2.4	-4.0	0.44	-17.6	5.0	0.20	321.3	110.2	4.0
501	-6.2	-5.2	0	-12.3	4.8	0.20	325.4	103.9	5.2
452	-11.3	-5.6	-2.4	3.4	3.3	0.20	328.7	80.6	6.1
402	-16.8	-3.8	-1.9	6.7	2.3	0.20	332.8	76.8	4.3
352	-23.5	-6.1	-2.1	0	1.4	0.20	336.4	84.6	6.5
304	-32.0	-7.1	-1.3	0	0.68	0.20	339.1	93.9	7.2
259	-40.8	-8.5	-6.1	7.0	0.29	0.20	341.9	68.2	10.5
220	-50.0	-9.8	-6.6	8.8	0.11	0.20	344.1	70.0	11.8
183	-60.9	-7.6	-11.2	7.0	3E-2	0.20	345.2	47.8	13.5
138	-71.1	-4.1	-1.7	-2.5	1E-2	0.20	356.1	80.8	4.4
88	-66.9	-10.6	-4.5	0	1E-2	0.20	413.4	80.9	11.5
63	-61.2	-14.4	1.7	0.50	1E-2	0.20	467.6	110.6	14.5
38	-47.9	-26.8	-2.0	-0.32	2E-2	0.20	575.1	99.6	26.9



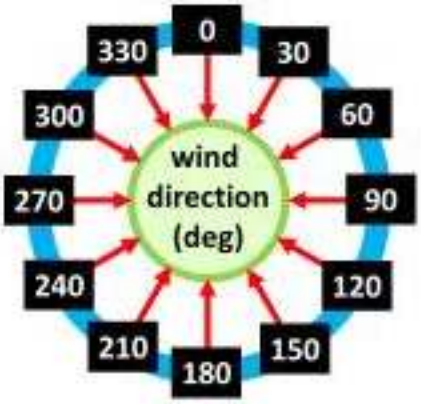
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 5 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
1013	0	1013	3E-3	30.5	69.5	2.0	-0.12	1013	136	9.5	1E-1	0	95.4	1163

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1011	29.5	1.9	-0.23	2.6	17.4	0.30	301.8	290.8	1.9
1006	29.2	2.0	-0.20	2.6	17.3	0.33	301.8	289.5	2.0
1001	28.8	1.9	-0.18	3.3	17.2	0.45	301.8	289.5	1.9
996	28.3	1.8	-0.20	6.1	17.1	0.32	301.8	290.4	1.8
991	27.9	2.1	0	4.4	17.1	0.32	301.8	283.9	2.1
986	27.4	2.1	-0.28	8.8	17.1	0.20	301.7	291.4	2.1
981	27.0	1.8	-0.15	8.8	17.1	0.20	301.8	288.6	1.8
976	26.4	2.0	-0.22	8.8	17.0	0.20	301.7	290.2	2.0
970	26.0	2.1	-0.26	10.5	17.1	0.20	301.7	290.7	2.2
965	25.5	1.8	-0.26	10.5	17.0	0.20	301.8	291.9	1.8
959	24.9	2.0	-0.23	12.5	16.9	0	301.7	290.5	2.0
953	24.3	2.0	-0.14	12.3	16.8	0	301.7	287.8	2.0
946	23.7	2.1	-0.16	12.3	16.8	0	301.6	288.1	2.1
939	23.3	1.8	-0.15	14.1	16.2	0	301.8	288.6	1.8
932	22.6	2.1	0	14.1	16.1	0	301.7	283.9	2.1
925	22.2	1.7	0	17.6	14.8	0.20	302.1	283.9	1.7
916	21.8	0.74	-0.85	15.8	14.3	0.20	302.4	332.7	1.1
895	20.5	0.39	-0.31	17.6	13.7	0.20	303.2	322.9	0.5
868	19.0	-1.2	0.57	12.2	12.8	0.20	304.3	128.8	1.4
837	17.2	-2.5	0.66	7.0	11.9	0.20	305.5	118.7	2.6
803	15.2	-2.8	0	-2.8	11.0	0.20	307.1	103.9	2.8
767	13.0	-1.5	-0.58	-5.7	10.0	0.20	308.7	83.1	1.6
728	10.5	-1.9	-0.75	-5.9	8.8	0.20	310.7	82.1	2.0
687	8.0	-2.7	-0.73	0	7.6	0.20	313.0	88.7	2.8
643	4.8	-2.8	-0.87	0	6.4	0.20	315.3	86.9	3.0
597	1.1	-1.9	-0.28	-2.5	5.2	0.20	317.9	95.4	1.9
549	-2.0	-3.3	0	-11.1	6.0	0.20	321.9	103.9	3.3
500	-6.1	-4.5	0.50	-10.2	4.9	0.20	325.6	110.2	4.5
451	-11.0	-5.6	-1.6	0	3.4	0.20	329.1	87.7	5.8
402	-16.5	-4.8	-2.3	7.7	2.2	0.20	333.2	78.7	5.3
352	-23.2	-6.8	-1.1	5.4	1.3	0.20	336.8	95.0	6.9
304	-31.8	-5.8	-1.6	8.0	0.55	0.20	339.4	88.8	6.0
259	-40.4	-9.3	-5.5	0	0.27	0.20	342.5	73.2	10.8
220	-49.5	-9.6	-7.0	0	0.12	0.20	344.9	67.6	11.9
183	-60.6	-7.1	-9.1	5.8	3E-2	0.20	345.7	51.7	11.5
138	-71.7	-5.7	-2.8	-3.5	1E-2	0.20	355.1	77.9	6.3
88	-67.3	-10.0	-5.2	0.12	1E-2	0.20	412.5	76.7	11.3
63	-60.3	-13.6	3.0	-0.75	1E-2	0.20	469.7	116.5	14.0
38	-47.9	-26.8	-1.9	0	2E-2	0.20	575.2	99.8	26.9



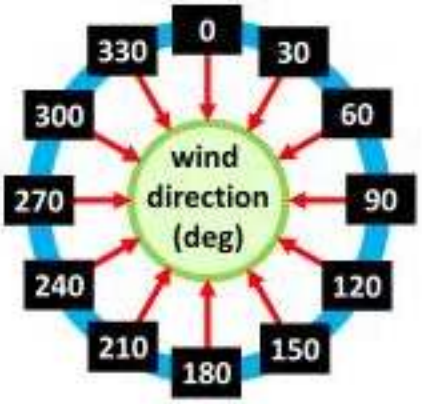
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 5 19 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1013	0	1013	5E-4	30.5	68.4	1.6	0.18	1013	127	9.5	1E-1	0	93.8	1163

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1011	29.8	1.5	0.11	1.8	17.0	0.33	302.1	279.4	1.5
1006	29.4	1.7	1E-1	3.1	16.9	0.45	302.0	281.5	1.7
1001	29.0	1.6	1E-1	2.6	16.9	0.45	302.1	280.9	1.6
996	28.5	1.7	0.14	7.0	16.9	0.45	302.0	279.2	1.7
991	28.1	1.5	0	7.0	16.9	0.45	302.0	283.9	1.5
986	27.6	1.5	0	7.0	16.8	0.45	302.0	283.9	1.5
981	27.1	1.6	0	7.0	16.8	0.45	301.9	283.9	1.6
976	26.6	1.3	0	10.5	16.6	0.45	301.9	283.9	1.3
970	26.2	1.5	0	10.5	16.7	0.69	301.9	283.9	1.5
964	25.6	1.6	0	10.5	16.6	0.75	301.8	283.9	1.6
959	25.1	1.3	0	12.3	16.5	0.75	301.9	283.9	1.3
952	24.5	1.4	0.17	11.9	16.5	0.75	301.8	276.9	1.4
946	23.8	1.5	0	12.3	16.5	0.75	301.7	283.9	1.5
939	23.2	1.7	0	15.8	16.5	0.75	301.7	283.9	1.7
932	22.5	1.7	0.21	15.8	16.4	0.75	301.7	276.8	1.7
924	22.1	1.2	0	17.6	14.7	0	302.0	283.9	1.2
916	21.8	0.31	-0.44	17.6	14.3	0.20	302.4	339.4	0.5
894	20.6	0	0	15.8	13.6	0.20	303.2	339.4	0.5
867	19.0	-1.1	0.94	14.1	12.8	0.20	304.3	143.8	1.5
837	17.2	-2.1	0.83	3.5	12.0	0.20	305.5	125.2	2.3
803	15.1	-2.4	0.37	-3.5	11.0	0.20	307.0	112.7	2.4
766	12.8	-1.5	0	-7.0	10.1	0.20	308.6	103.9	1.5
728	10.5	-1.8	-0.23	-7.0	8.8	0.20	310.6	96.4	1.8
687	7.9	-2.5	-0.31	0	7.5	0.20	313.0	96.8	2.5
643	4.9	-2.8	-0.82	0	6.2	0.20	315.5	87.5	2.9
597	1.1	-1.9	-1.0	7.0	5.1	0.20	317.9	74.6	2.1
549	-1.6	-3.1	0	0	6.1	0.20	322.4	103.9	3.1
500	-5.9	-4.0	1.1	-7.0	5.0	0.20	325.8	119.6	4.2
451	-11.1	-5.1	-0.77	0	3.5	0.20	329.0	95.4	5.2
402	-16.4	-4.5	-2.7	0	2.2	0.20	333.2	73.0	5.2
352	-23.2	-6.2	-1.6	2.7	1.1	0.20	336.9	89.6	6.4
304	-31.9	-5.3	-2.6	0	0.56	0.20	339.3	77.5	5.9
259	-40.6	-7.8	-4.9	-1.8	0.31	0.20	342.2	71.9	9.2
220	-49.9	-8.7	-6.9	0	0.11	0.20	344.3	65.5	11.1
183	-59.9	-7.1	-9.8	-1.3	3E-2	0.20	346.9	49.9	12.1
138	-72.8	-6.5	-4.0	-1.3	1E-2	0.20	353.1	72.4	7.7
88	-66.3	-11.1	-5.2	0.54	1E-2	0.20	414.6	78.9	12.3
63	-60.6	-11.0	2.6	0.30	1E-2	0.20	469.1	117.0	11.3
38	-48.4	-27.2	-1.6	-0.62	2E-2	0.20	573.9	100.5	27.3



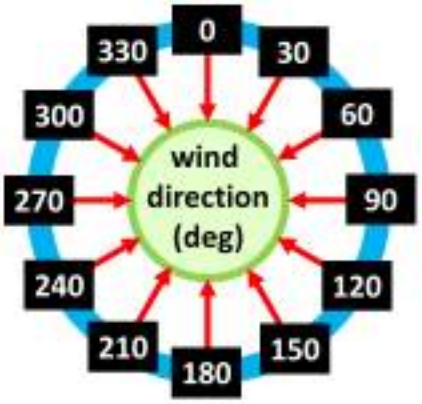
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 5 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
1013	0	1013	0	30.7	70.4	0.87	0.33	1013	104	9.1	1E-1	0	97.1	948

	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	0.81	0.44	0	16.8	0.20	302.2	255.3	0.9
1006	29.5	0.89	0.39	2.6	16.8	0.26	302.2	260.3	1.0
1001	29.0	0.78	0.38	0	16.7	0.32	302.1	257.6	0.9
996	28.4	0.63	0.45	3.5	16.7	0.20	301.9	248.3	0.8
991	28.1	1.0	0.38	5.7	16.7	0.20	302.1	263.2	1.1
986	27.6	0.88	0.47	5.5	16.6	0.20	302.0	255.9	1.0
980	27.1	1.00	0.43	3.5	16.6	0.20	301.9	260.6	1.1
975	26.6	0.63	0.46	7.0	16.7	0.20	301.9	248.0	0.8
970	26.1	0.77	0.49	7.5	16.7	0.20	301.9	251.7	0.9
964	25.7	0.87	0.46	7.0	16.5	0.20	302.0	255.9	1.0
958	25.1	0.95	0.41	10.5	16.6	0.20	301.9	260.3	1.0
952	24.5	1.0	0.51	10.5	16.5	0.20	301.9	256.9	1.1
946	23.9	0.67	0.43	10.5	16.5	0.20	301.8	251.4	0.8
939	23.3	0.63	0.60	11.4	16.4	0.20	301.9	240.3	0.9
932	22.7	0.90	0.52	14.7	15.6	0.20	301.9	254.0	1.0
924	22.5	0.68	0.28	12.0	14.7	0.20	302.4	261.7	0.7
915	22.2	-0.18	0	12.3	14.0	0.20	302.9	103.9	0.2
894	21.0	-0.20	0.30	14.1	13.2	0.20	303.7	160.4	0.4
867	19.3	-1.2	0.80	11.4	12.6	0.20	304.6	137.6	1.4
836	17.2	-1.8	0.86	7.0	11.9	0.20	305.6	129.4	2.0
802	15.0	-1.8	0.32	0	11.1	0.20	306.9	114.0	1.8
766	12.5	-1.2	-0.71	0	10.2	0.20	308.3	74.2	1.4
727	10.3	-1.3	-0.35	-3.5	9.0	0.20	310.5	89.1	1.4
686	7.8	-1.8	0	0	7.6	0.20	312.9	103.9	1.8
643	5.0	-2.0	-1.1	0	6.3	0.20	315.7	74.2	2.3
596	1.1	-1.5	-1.1	7.0	5.2	0.20	318.0	68.0	1.9
549	-1.8	-3.0	0.58	0	5.8	0.20	322.2	114.7	3.1
500	-5.8	-2.9	1.9	-5.3	5.0	0.20	325.9	137.5	3.5
451	-10.8	-3.9	-0.25	0	3.4	0.20	329.4	100.2	3.9
402	-16.0	-4.4	-3.0	3.5	2.2	0.20	333.8	69.2	5.3
352	-23.0	-6.0	-1.6	9.1	0.99	0.20	337.2	88.4	6.2
304	-31.8	-5.7	-2.5	8.8	0.64	0.20	339.4	80.4	6.2
259	-40.8	-6.5	-5.2	5.0	0.30	0.20	342.1	65.3	8.4
220	-49.9	-6.4	-7.2	3.5	0.12	0.20	344.4	55.4	9.6
182	-59.8	-7.5	-10.7	-2.0	4E-2	0.20	347.2	49.1	13.1
138	-72.6	-6.4	-4.3	0.77	1E-2	0.20	353.6	69.9	7.7
88	-65.7	-11.5	-3.2	0.28	1E-2	0.20	415.9	88.4	12.0
63	-59.9	-9.0	-0.84	-0.32	1E-2	0.20	470.7	98.5	9.0
38	-48.6	-26.6	-0.68	0	2E-2	0.20	573.7	102.4	26.6



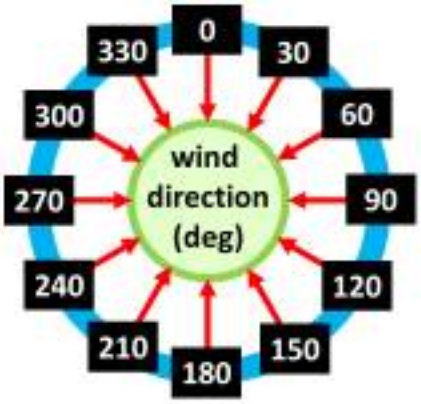
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 5 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
1013	0	1012	0	30.6	68.4	0.58	0.89	1013	120	9.0	1E-1	0	593	939

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1010	29.7	0.37	0.97	1.8	16.8	0.20	301.9	214.9	1.0
1005	29.3	0.47	0.95	1.8	16.8	0.32	301.9	220.4	1.1
1001	28.9	0.34	1.1	3.5	16.7	0.32	302.0	211.1	1.1
996	28.5	0	1.2	3.5	16.8	0.32	302.0	193.9	1.2
991	28.0	0.51	1.2	2.1	16.7	0.32	302.0	217.0	1.3
986	27.5	0.40	1.0	3.5	16.8	0.20	302.0	215.6	1.1
980	27.1	0.47	0.97	5.3	16.8	0.20	302.0	219.6	1.1
975	26.6	0.59	0.99	5.3	16.6	0.20	301.9	224.5	1.2
970	26.1	0	1.0	7.0	16.7	0.20	302.0	193.9	1.0
964	25.6	0.28	1.1	5.3	16.7	0.20	301.9	208.6	1.1
958	25.1	0.31	1.1	7.0	16.6	0.20	302.0	209.9	1.1
952	24.5	0.40	1.0	10.5	16.6	0.20	301.9	214.7	1.1
945	23.9	0	1.2	10.5	16.6	0.20	301.9	193.9	1.2
939	23.5	0.46	1.1	10.5	15.8	0.20	302.0	216.8	1.2
932	23.4	0.24	0.81	10.5	14.9	0.20	302.6	210.3	0.8
924	22.9	-0.25	0.75	10.5	14.2	0.20	302.8	175.3	0.8
915	22.6	-0.43	0.92	12.3	13.8	0.20	303.4	168.7	1.0
894	21.3	-0.57	0.48	14.1	13.0	0.20	304.0	144.1	0.7
867	19.6	-1.2	1.0	14.1	12.4	0.20	304.9	144.7	1.5
836	17.4	-1.7	0	7.0	11.8	0.20	305.8	103.9	1.7
802	15.0	-1.5	-0.47	2.6	11.1	0.20	306.9	86.2	1.5
766	12.5	-1.3	-1.1	1.8	10.3	0.20	308.3	63.9	1.7
727	10.2	-1.6	-0.50	2.4	9.1	0.20	310.4	86.0	1.6
686	7.9	-1.9	0	4.2	7.6	0.20	313.0	103.9	1.9
643	5.2	-2.1	-0.60	5.8	6.4	0.20	315.9	88.0	2.2
596	1.4	-1.9	-1.1	7.0	5.3	0.20	318.3	74.2	2.2
549	-1.7	-3.2	1.7	0	5.8	0.20	322.3	131.9	3.6
500	-5.8	-2.1	1.7	-3.5	5.0	0.20	326.0	143.4	2.7
451	-10.8	-3.8	-1.0	-3.5	3.4	0.20	329.4	89.1	3.9
402	-16.0	-4.8	-3.2	0	2.2	0.20	333.9	70.5	5.8
352	-22.9	-5.1	-2.4	0	1.0	0.20	337.3	78.5	5.7
304	-31.7	-5.0	-3.6	-1.8	0.65	0.20	339.6	68.2	6.2
259	-40.7	-5.0	-5.4	-2.5	0.31	0.20	342.2	56.7	7.4
220	-49.8	-5.3	-7.9	0	0.11	0.20	344.5	47.4	9.5
182	-60.2	-8.8	-11.3	-3.6	4E-2	0.20	346.5	51.7	14.3
138	-72.3	-7.6	-5.7	2.0	1E-2	0.20	354.2	66.9	9.5
88	-65.6	-11.1	-0.73	1E-1	1E-2	0.20	416.0	100.1	11.1
63	-59.7	-8.3	-2.1	-1E-1	1E-2	0.20	471.1	89.5	8.6
38	-48.5	-25.8	-0.55	-0.41	2E-2	0.20	573.8	102.6	25.9



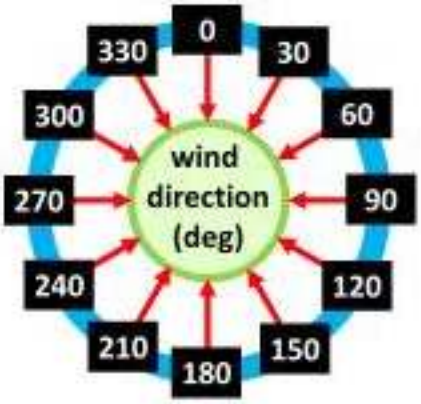
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 5 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
1012	0	1012	0	30.6	67.7	0.64	1.2	1012	134	8.7	1E-1	0	478	826

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1009	29.7	0.38	1.5	0	17.1	0.33	302.1	208.5	1.5
1005	29.3	0.53	1.3	0	17.0	0.32	302.1	215.5	1.4
1000	29.0	0.40	1.4	3.5	17.0	0.32	302.1	209.5	1.5
995	28.5	0.30	1.4	0	16.8	0.32	302.1	206.2	1.4
990	28.1	0.54	1.3	1.9	16.9	0.32	302.1	215.7	1.5
985	27.6	0.43	1.3	2.1	16.8	0.32	302.1	211.7	1.4
979	27.1	0.56	1.5	1.8	16.8	0.32	302.1	214.2	1.6
974	26.6	0.68	1.4	5.3	16.8	0.20	302.0	220.6	1.5
969	26.2	0	1.4	7.0	16.8	0	302.1	193.9	1.4
963	25.6	0.34	1.4	3.5	16.7	0	302.0	207.8	1.4
957	25.0	0	1.4	5.2	16.6	0	302.0	193.9	1.4
951	24.5	0.34	1.5	5.3	16.7	0	302.0	206.4	1.6
945	23.9	0.49	1.4	5.3	16.6	0	302.0	213.7	1.5
938	23.6	0.28	1.3	5.3	15.5	0	302.3	205.5	1.4
931	23.4	0	1.3	7.0	14.7	0	302.7	193.9	1.3
923	23.1	-0.27	1.2	10.8	14.1	0.20	303.1	180.9	1.2
915	22.9	-0.51	1.1	11.5	13.6	0.20	303.7	168.2	1.2
893	21.6	-0.82	0.52	12.1	12.9	0.20	304.4	136.4	1.0
866	19.8	-1.1	0.51	8.6	12.4	0.20	305.2	128.9	1.2
835	17.5	-1.2	-0.57	7.0	11.8	0.20	306.0	77.7	1.3
802	14.9	-1.2	-1.3	0	11.3	0.20	306.8	57.1	1.8
765	12.4	-1.4	-1.6	0	10.4	0.20	308.2	54.8	2.1
727	10.1	-1.3	-0.87	0	9.2	0.20	310.3	70.6	1.6
686	7.8	-1.8	0	0	7.8	0.20	313.0	103.9	1.8
642	5.1	-1.6	-0.50	0	6.5	0.20	315.9	86.4	1.7
596	1.4	-1.6	-0.47	0	5.3	0.20	318.4	87.0	1.6
548	-1.8	-2.2	2.4	0	5.9	0.20	322.2	151.0	3.2
500	-5.9	-1.2	2.4	-7.0	5.0	0.20	325.9	167.7	2.7
451	-10.8	-3.9	-1.0	0	3.5	0.20	329.5	89.4	4.0
401	-16.0	-5.4	-2.6	0	2.2	0.20	334.0	77.9	6.0
352	-23.0	-5.1	-2.9	3.5	1.1	0.20	337.4	74.0	5.9
303	-31.7	-4.7	-4.4	3.8	0.67	0.20	339.7	60.6	6.4
259	-40.5	-4.5	-5.8	7.5	0.30	0.20	342.5	51.8	7.4
220	-49.6	-4.6	-8.8	7.1	0.11	0.20	344.8	41.2	9.9
182	-60.1	-9.1	-11.0	4.2	4E-2	0.20	346.7	53.6	14.3
138	-72.1	-7.6	-6.7	0	1E-2	0.20	354.5	62.8	10.1
88	-66.0	-11.0	0.82	0	1E-2	0.20	415.4	108.1	11.0
63	-59.7	-8.7	-4.8	0.67	1E-2	0.20	471.2	74.7	9.9
38	-48.6	-24.8	-0.51	0.55	2E-2	0.20	573.7	102.7	24.8



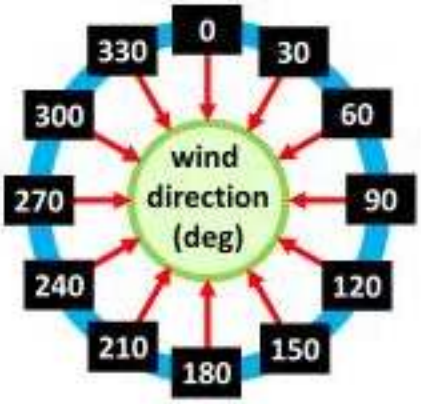
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 5 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
1011	0	1011	0	30.6	66.7	0.70	1.6	1011	155	8.2	1E-1	0	341	826

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1009	29.8	0.62	1.9	0	17.1	0.33	302.2	212.3	2.0
1004	29.4	0.44	1.9	1.9	17.0	0.32	302.2	206.7	2.0
999	29.0	0.60	2.0	0	17.0	0.32	302.2	210.8	2.1
994	28.6	0.73	2.0	2.0	17.1	0.20	302.2	213.9	2.1
989	28.1	0.45	2.0	1.8	16.9	0	302.2	206.7	2.0
984	27.6	0.49	1.9	1.8	16.9	0	302.2	208.0	2.0
979	27.1	0.56	1.9	3.5	16.9	0	302.1	210.1	2.0
974	26.6	0.70	2.0	1.8	16.9	0	302.1	212.9	2.1
968	26.2	0.68	2.0	0	16.9	0	302.1	213.0	2.1
963	25.6	0.34	2.1	1.8	16.8	0	302.1	203.3	2.1
957	25.1	0.75	2.1	3.5	16.8	0	302.0	213.3	2.3
951	24.6	0.57	2.1	3.5	16.8	0	302.1	209.0	2.2
944	24.0	0.42	2.0	3.5	16.8	0	302.1	205.8	2.0
937	23.9	0.46	1.9	3.4	15.4	0	302.6	207.3	2.0
930	23.7	0	1.9	2.7	14.5	0	303.1	193.9	1.9
923	23.3	-0.38	1.6	6.8	13.9	0	303.4	180.4	1.6
914	23.1	-0.37	1.2	7.0	13.5	0.20	304.0	176.8	1.2
893	21.8	-0.76	1.1	6.6	12.8	0.20	304.7	158.4	1.3
866	19.9	-1.2	0	6.7	12.2	0.20	305.4	103.9	1.2
835	17.7	-1.3	-1.1	5.3	11.8	0.20	306.2	63.3	1.7
801	15.1	-1.3	-1.7	7.0	11.2	0.20	307.1	50.9	2.1
765	12.7	-1.3	-1.6	6.7	10.3	0.20	308.7	53.5	2.1
726	10.5	-1.3	-0.87	7.3	9.0	0.20	310.8	70.2	1.6
685	8.2	-1.4	0	7.6	7.7	0.20	313.4	103.9	1.4
642	5.3	-1.1	-0.93	7.0	6.5	0.20	316.1	63.9	1.5
596	1.7	-1.1	-0.44	7.0	5.3	0.20	318.8	82.8	1.2
548	-1.4	-0.68	3.0	0	6.0	0.20	322.8	181.1	3.1
499	-6.0	-0.85	1.9	0	4.8	0.20	325.9	170.2	2.1
450	-10.6	-4.1	-0.50	0	3.4	0.20	329.8	96.8	4.1
401	-15.9	-5.6	-2.0	0	2.1	0.20	334.1	84.2	6.0
351	-23.2	-5.1	-3.2	0	1.2	0.20	337.1	71.8	6.0
303	-31.8	-5.2	-4.8	0	0.69	0.20	339.5	61.2	7.1
258	-40.4	-3.9	-7.0	0	0.30	0.20	342.7	42.7	8.0
219	-49.4	-4.9	-10.6	0	0.11	0.20	345.3	38.5	11.7
182	-59.8	-9.2	-11.0	0	3E-2	0.15	347.1	53.8	14.3
137	-72.1	-7.7	-7.3	-0.30	1E-2	0.17	354.7	60.6	10.6
88	-66.8	-10.1	0.76	-0.46	1E-2	0.20	413.9	108.2	10.2
63	-59.6	-10.0	-5.2	0.16	1E-2	0.20	471.5	76.3	11.3
38	-47.8	-23.8	-2.4	-0.40	2E-2	0.20	575.9	98.0	23.9



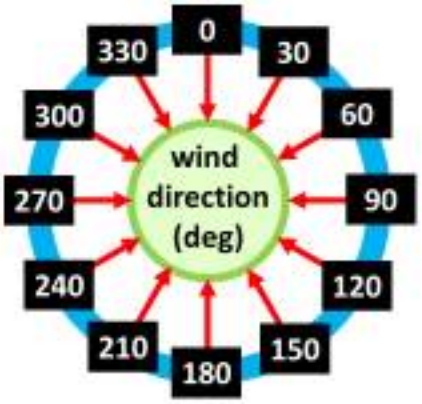
Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 6 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
1011	0	1011	0	30.6	66.8	0.90	2.1	1011	161	8.3	0.10	0	131	825

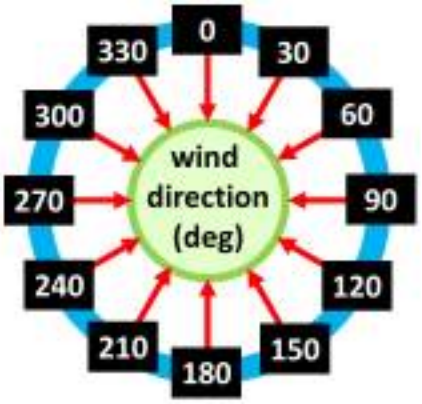
	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1008	29.8	0.62	2.4	0	17.3	0.33	302.2	208.4	2.5
1004	29.4	0.74	2.5	0	17.2	0.33	302.2	210.7	2.6
999	29.0	0.77	2.5	0	17.2	0.33	302.2	211.1	2.6
994	28.5	0.75	2.4	-1.8	17.1	0.20	302.2	211.4	2.5
989	28.1	0.51	2.4	0	17.1	0.20	302.2	205.6	2.5
984	27.7	0.50	2.4	0	17.1	0.20	302.2	205.7	2.4
979	27.2	0.58	2.4	0	17.1	0.20	302.2	207.5	2.4
973	26.8	0.80	2.4	0	17.1	0.20	302.3	212.8	2.5
968	26.3	0.74	2.4	2.0	17.1	0.20	302.2	210.7	2.6
962	25.7	0.70	2.4	0	17.1	0	302.2	210.0	2.5
956	25.0	0.84	2.4	0	17.0	0	302.0	212.8	2.6
950	24.5	0.74	2.5	0	17.1	0	302.1	210.3	2.6
944	24.0	0.66	2.3	3.5	17.0	0	302.1	209.8	2.4
937	23.7	0.46	2.6	0	15.6	0	302.5	203.8	2.7
930	23.6	0	2.6	0	14.8	0	303.0	193.9	2.6
922	23.3	-0.27	2.3	3.5	14.0	0	303.4	187.2	2.3
914	23.1	-0.32	1.9	0	13.5	0.20	304.0	184.1	1.9
892	21.9	-0.56	1.7	7.0	12.7	0.20	304.8	175.9	1.8
865	20.1	-1.1	0.46	7.0	12.2	0.20	305.6	125.6	1.2
835	17.7	-1.4	-1.5	7.0	11.7	0.20	306.3	56.4	2.0
801	15.3	-1.4	-1.5	7.0	11.1	0.20	307.4	56.6	2.1
765	13.0	-1.6	-1.6	7.0	10.1	0.20	309.0	59.7	2.3
726	10.9	-1.4	-0.70	7.0	8.8	0.20	311.3	77.8	1.6
685	8.5	-1.1	-0.82	0	7.5	0.20	313.8	68.0	1.4
641	5.6	-1.0	-1.6	7.0	6.3	0.20	316.5	46.0	1.9
595	1.9	-0.85	-0.88	7.0	5.3	0.20	319.1	58.0	1.2
548	-0.98	0.87	1.6	0	5.8	0.20	323.3	222.0	1.8
499	-5.8	-0.87	0.84	0	4.5	0.20	326.1	147.9	1.2
450	-10.8	-3.4	-0.38	-7.0	3.4	0.20	329.6	97.6	3.4
401	-16.1	-6.1	-1.5	-7.0	1.8	0.20	333.9	90.0	6.2
351	-23.2	-5.4	-3.8	-3.5	1.1	0.20	337.1	69.0	6.6
303	-32.0	-5.1	-4.8	0	0.67	0.20	339.4	60.5	7.0
258	-40.3	-4.6	-7.6	0	0.29	0.20	342.9	44.7	8.9
219	-49.2	-6.9	-11.3	3.7	1E-1	0.20	345.6	45.4	13.2
182	-59.7	-9.8	-11.3	1.5	3E-2	0.17	347.4	54.8	15.0
137	-72.2	-8.1	-6.6	-1.8	1E-2	0.20	354.5	64.6	10.5
88	-66.9	-8.9	0.70	0.78	1E-2	0.20	413.7	108.3	8.9
63	-59.3	-10.7	-6.0	0.68	1E-2	0.20	472.2	74.6	12.3
38	-47.6	-22.9	-3.5	-0.31	2E-2	0.20	576.6	95.1	23.2



Meteorological Profile: hysplit.t00z.namsf

File start time : 10 8 5 0 0
File ending time: 10 8 7 0 0

Profile Time: 10 8 6 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
1011	0	1011	0	30.6	68.1	1.1	2.3	1011	164	8.4	0.11	0	0	1017

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1009	29.8	0.98	2.7	0	17.5	0.33	302.2	214.0	2.8
1004	29.4	0.87	2.6	0	17.5	0.39	302.2	212.2	2.8
999	28.9	0.98	2.7	0	17.4	0.39	302.2	213.9	2.9
994	28.5	1.1	2.7	-3.5	17.3	0.45	302.2	216.7	2.9
989	28.2	0.92	2.7	-1.8	17.3	0.45	302.3	213.0	2.8
984	27.7	1.0	2.7	-3.5	17.4	0.45	302.2	214.0	2.9
979	27.2	0.97	2.6	-3.5	17.3	0.45	302.2	214.5	2.7
973	26.8	0.78	2.8	-3.5	17.3	0.45	302.2	209.7	2.9
968	26.2	1.1	2.7	-3.9	17.3	0.45	302.2	216.2	2.9
962	25.6	0.79	2.8	-3.5	17.3	0	302.0	209.4	3.0
956	25.2	1.0	2.8	-3.5	17.2	0	302.2	213.9	3.0
950	24.6	1.0	2.6	-4.6	17.2	0	302.2	215.2	2.8
944	23.9	1.1	2.8	-4.0	17.2	0	302.1	214.9	3.0
937	23.3	0.96	2.7	-3.8	17.2	0	302.0	213.6	2.8
930	23.2	0.53	2.9	-4.6	15.3	0	302.6	204.1	3.0
922	23.0	0	2.7	-4.3	14.3	0.20	303.0	193.9	2.7
914	22.8	-0.13	2.3	-3.5	13.7	0.20	303.7	190.6	2.3
892	21.7	-0.35	1.9	-3.5	12.9	0.20	304.6	183.4	1.9
866	20.0	-0.86	0	-3.5	12.3	0.20	305.5	103.9	0.9
835	17.7	-1.7	-1.1	0	11.7	0.20	306.3	69.7	2.0
801	15.4	-1.8	-1.6	0	11.0	0.20	307.5	62.4	2.4
765	13.1	-1.8	-1.4	0	10.0	0.20	309.1	65.3	2.3
726	11.0	-1.2	-1.1	0	8.8	0.20	311.4	61.2	1.6
685	8.5	-0.83	-1.2	-7.0	7.5	0.20	313.9	47.9	1.5
642	5.5	-1.0	-2.5	-7.0	6.3	0.20	316.4	36.4	2.7
595	1.8	-0.72	-1.8	-7.0	5.3	0.20	319.0	35.1	2.0
548	-1.2	1.6	0.34	-7.0	5.8	0.20	323.0	271.5	1.6
499	-6.0	-0.84	0.32	-7.0	4.4	0.20	325.9	125.1	0.9
450	-11.1	-3.2	-0.74	0	3.4	0.20	329.2	90.9	3.3
401	-16.1	-6.1	-1.8	0	1.3	0.20	333.9	87.9	6.4
351	-23.4	-6.4	-4.1	0	0.83	0.20	336.8	71.2	7.6
303	-32.0	-5.3	-4.6	0	0.57	0.20	339.3	62.4	7.0
258	-40.3	-6.4	-8.0	1.8	0.19	0.20	342.9	52.4	10.3
219	-48.9	-9.2	-11.7	0	1E-1	0.20	346.1	51.9	14.8
182	-59.5	-10.3	-13.7	0	4E-2	0.20	347.8	50.7	17.1
137	-72.7	-8.7	-5.8	-1.8	1E-2	0.20	353.6	70.1	10.4
88	-66.8	-7.3	1.3	0.44	1E-2	0.20	413.8	113.7	7.4
63	-59.2	-11.8	-7.2	-0.56	1E-2	0.20	472.4	72.3	13.8
38	-47.9	-22.7	-4.4	0.20	2E-2	0.20	575.6	92.9	23.1