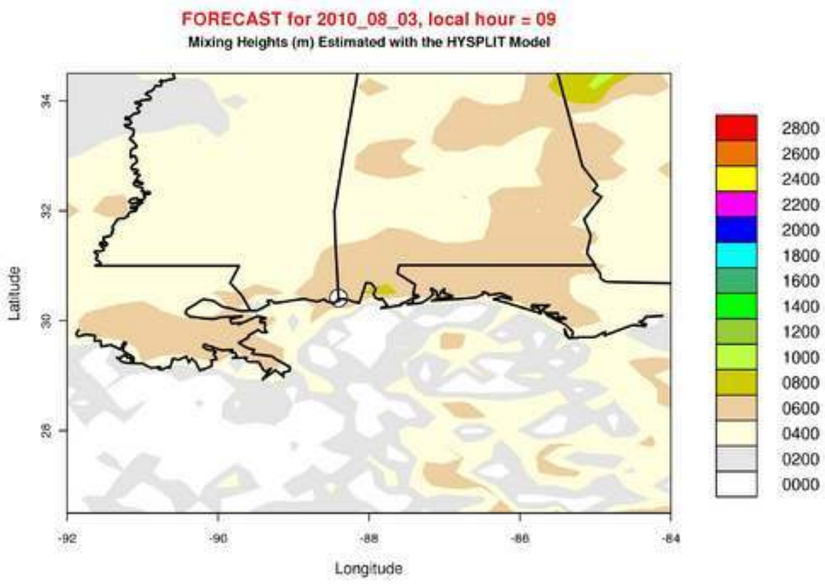
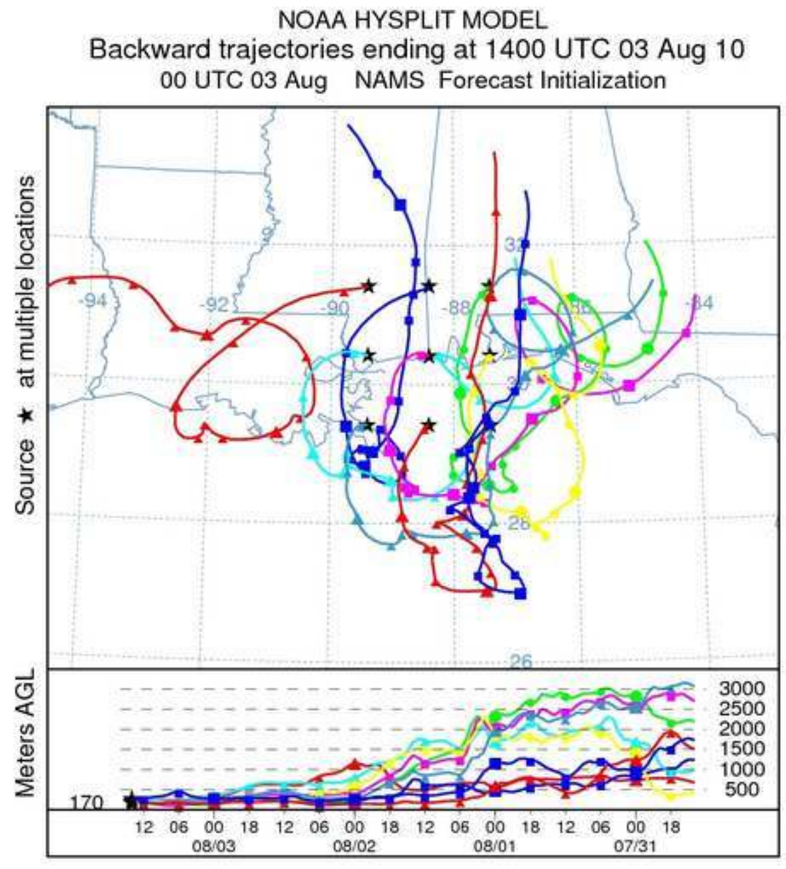
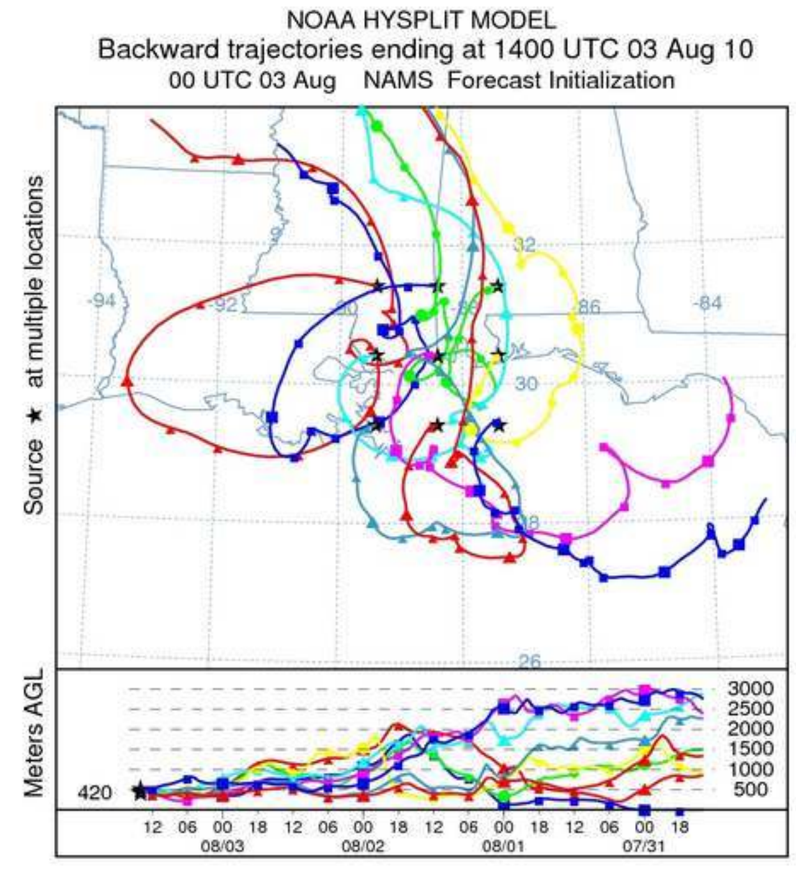
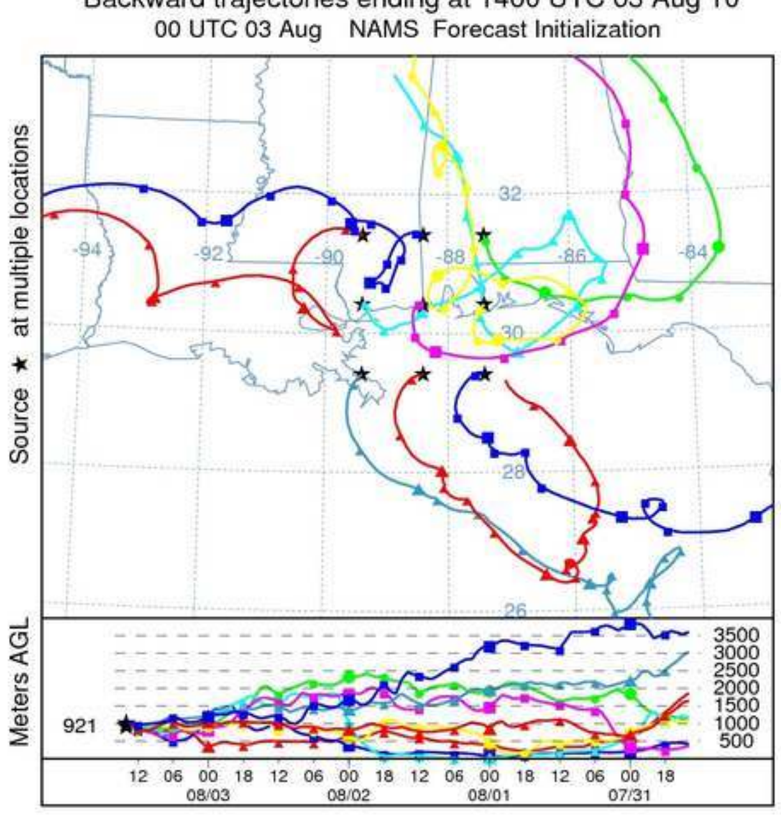
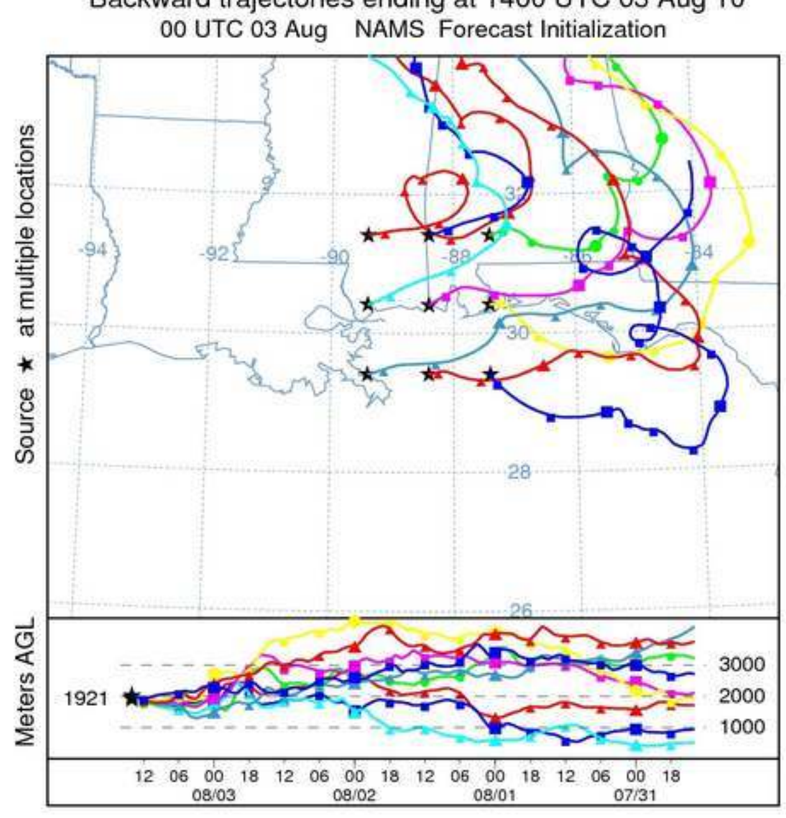
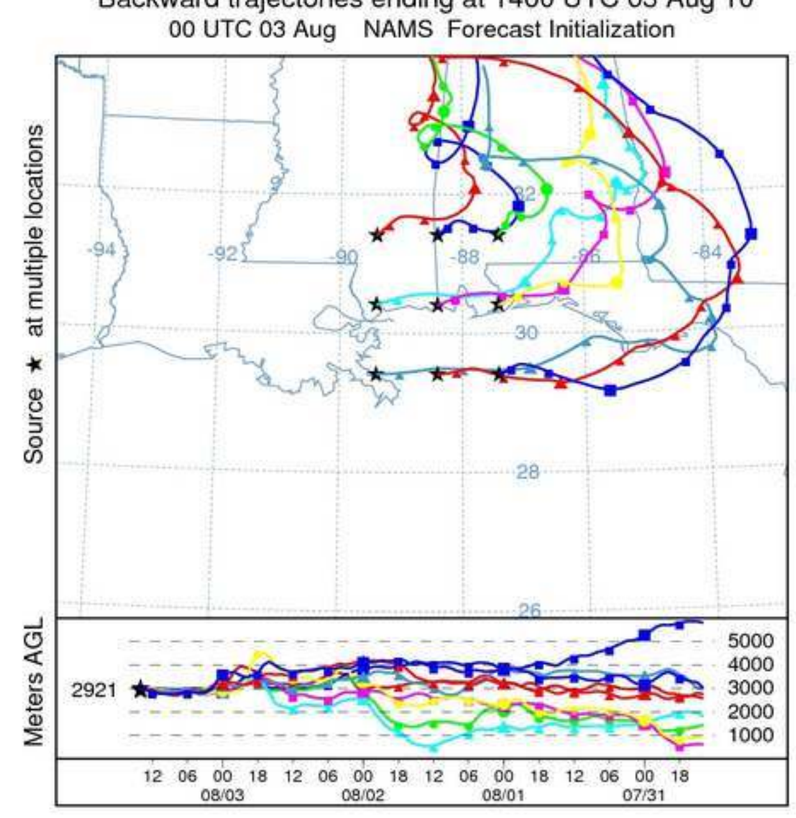

FORECAST for 2010_08_03, local hour = 09
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

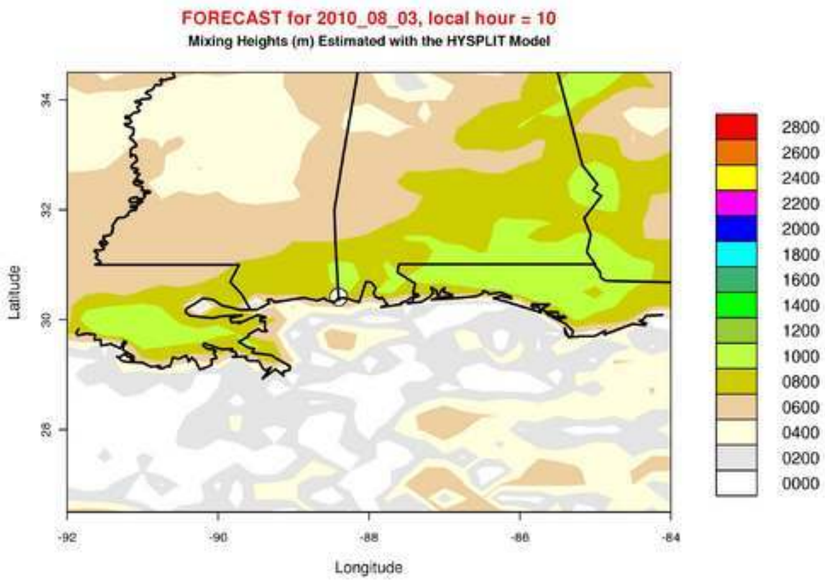

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
08/03
08/02
08/01
07/31

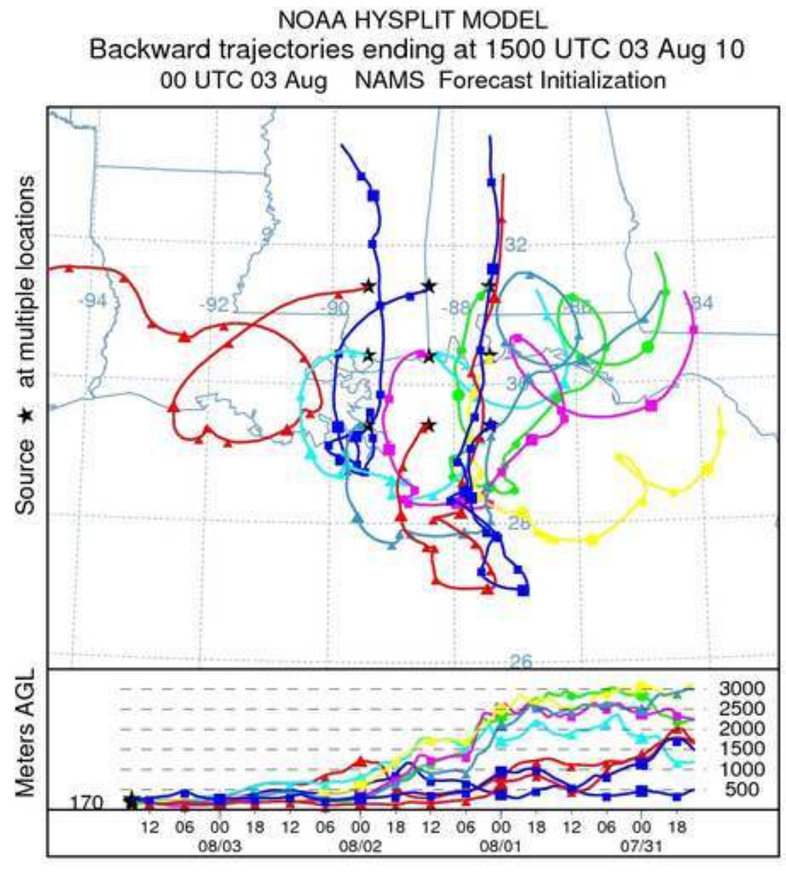

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
08/03
08/02
08/01
07/31

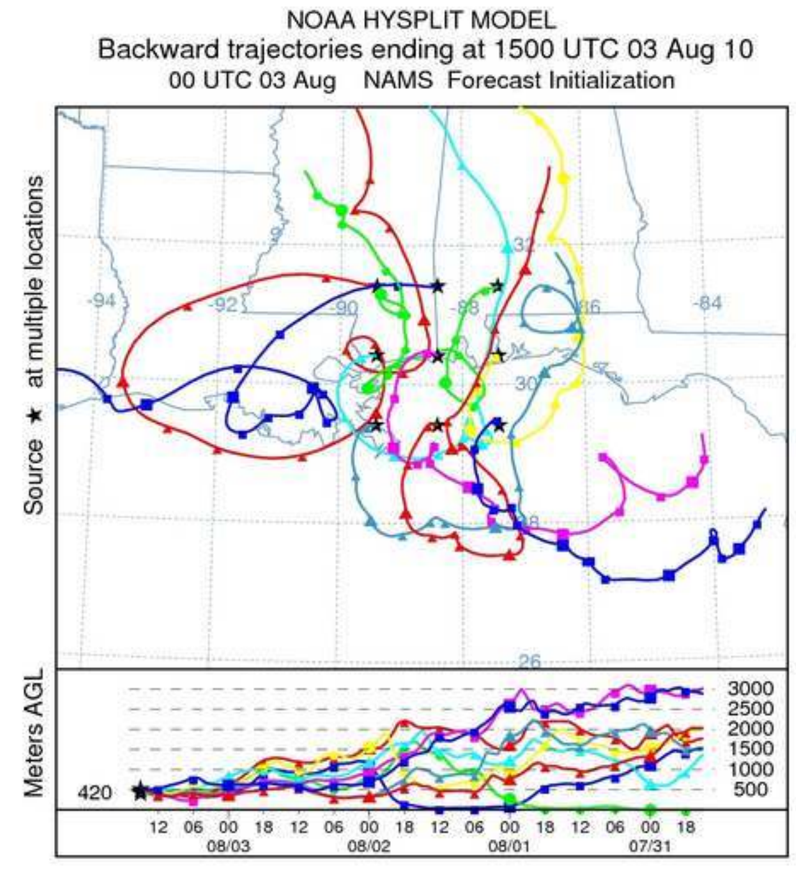

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
08/03
08/02
08/01
07/31

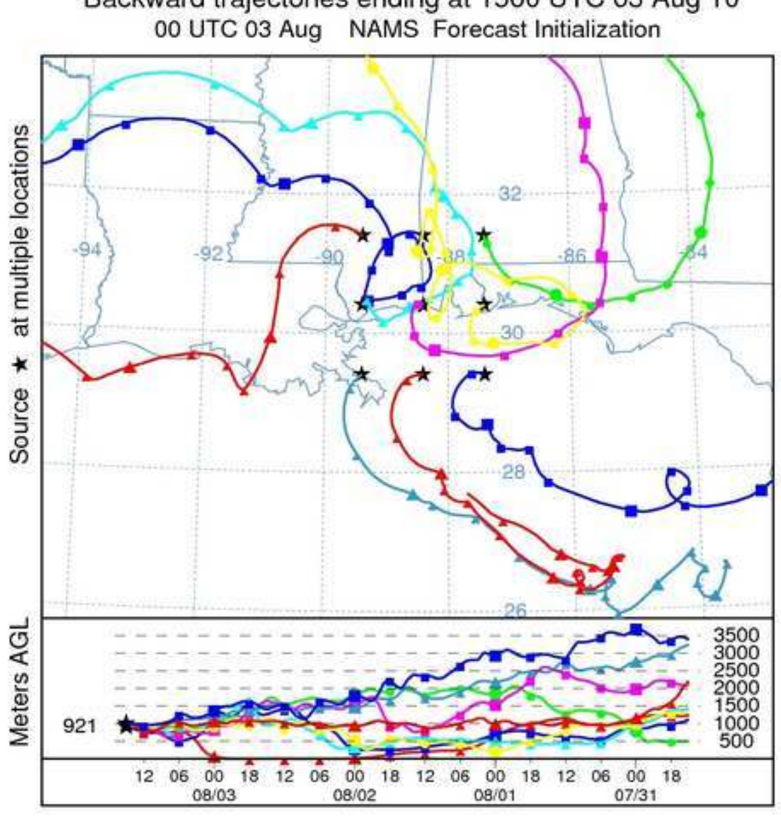

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
08/03
08/02
08/01
07/31

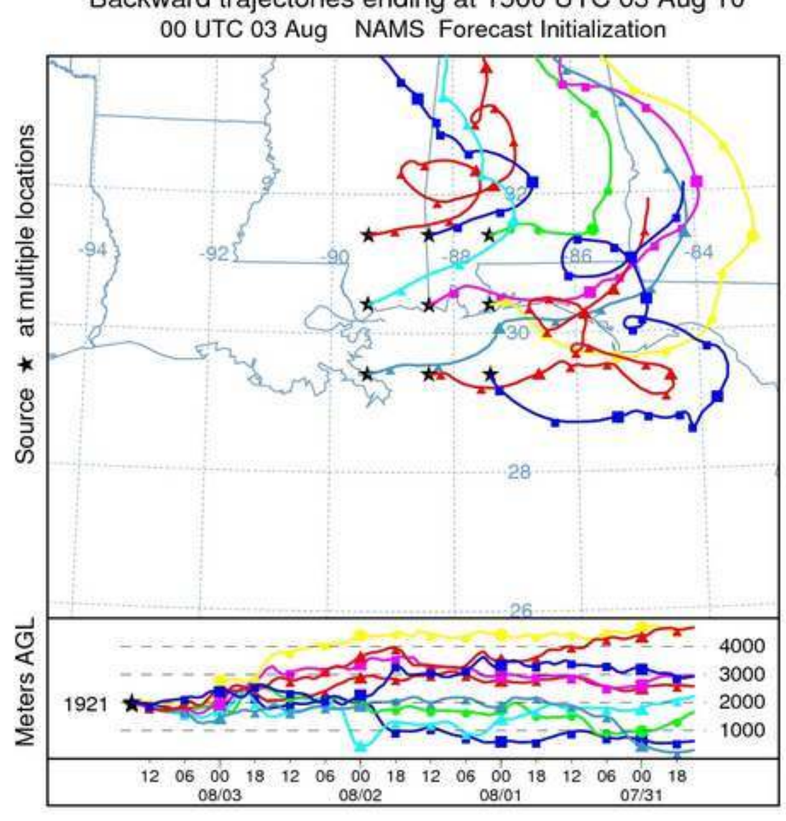

NOAA HYSPLIT MODEL
Backward trajectories ending at 1400 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
08/03
08/02
08/01
07/31

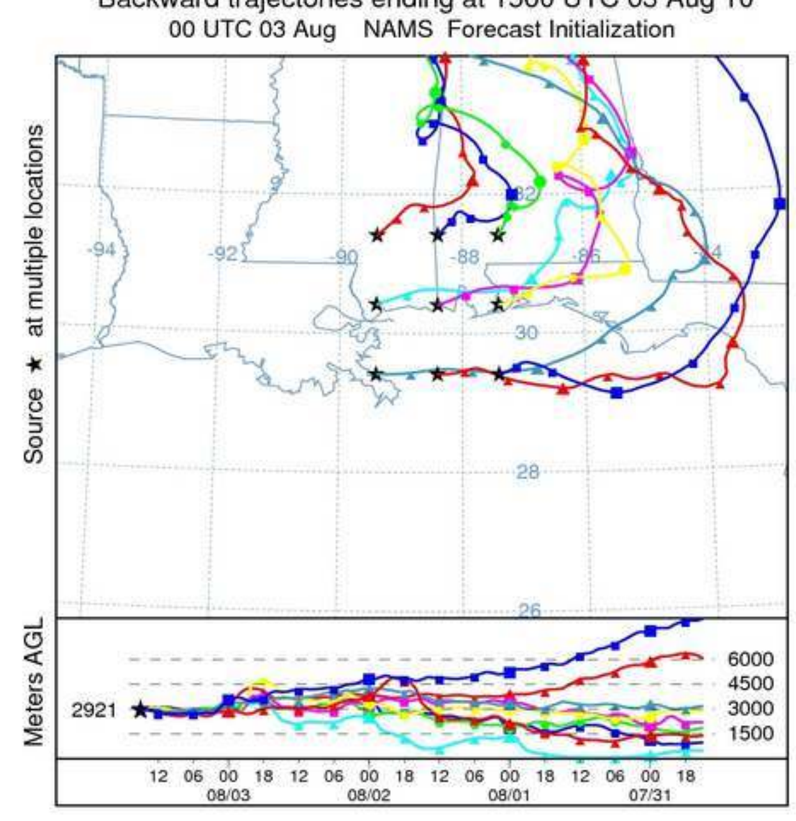

FORECAST for 2010_08_03, local hour = 10
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

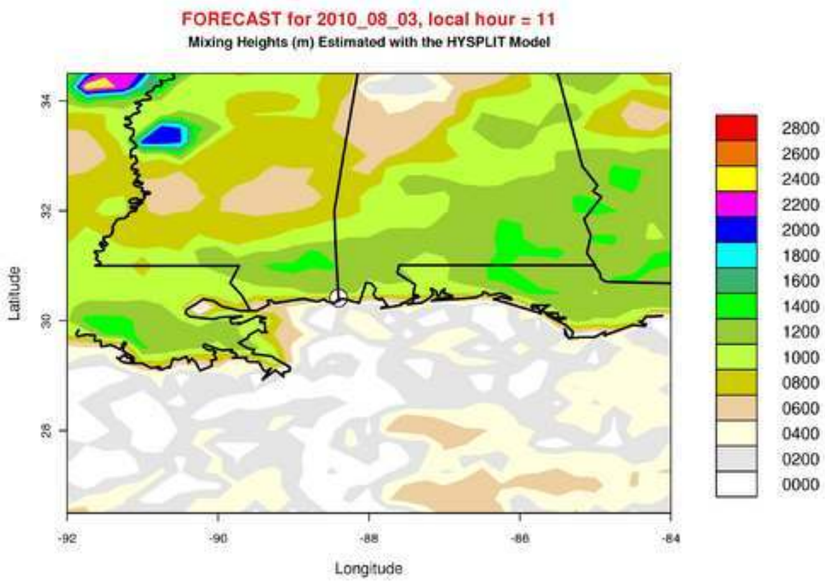

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

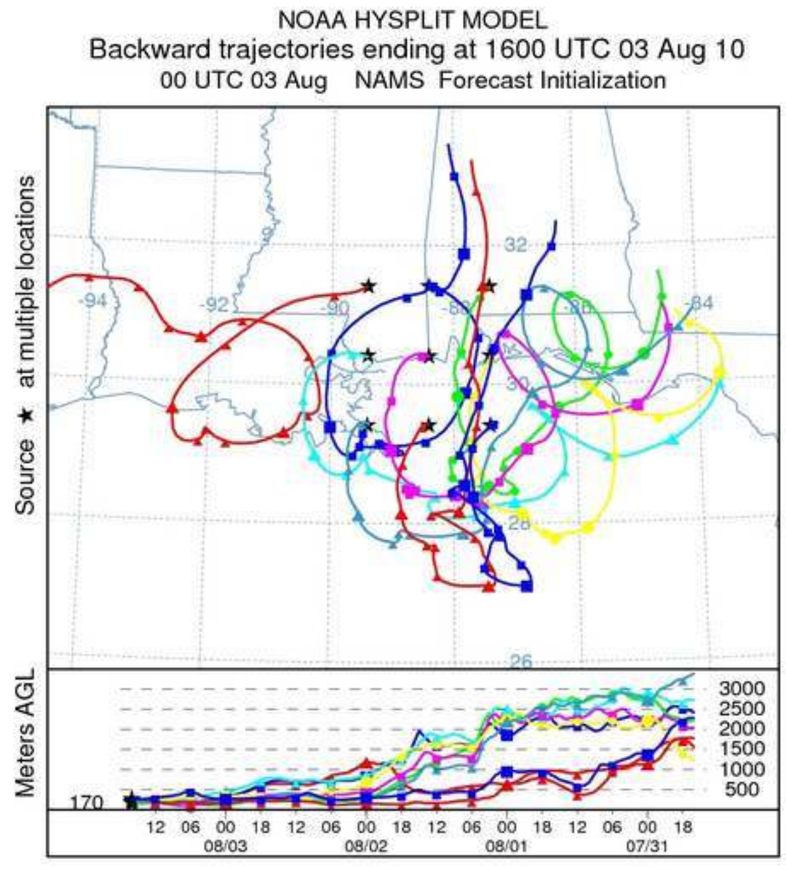

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

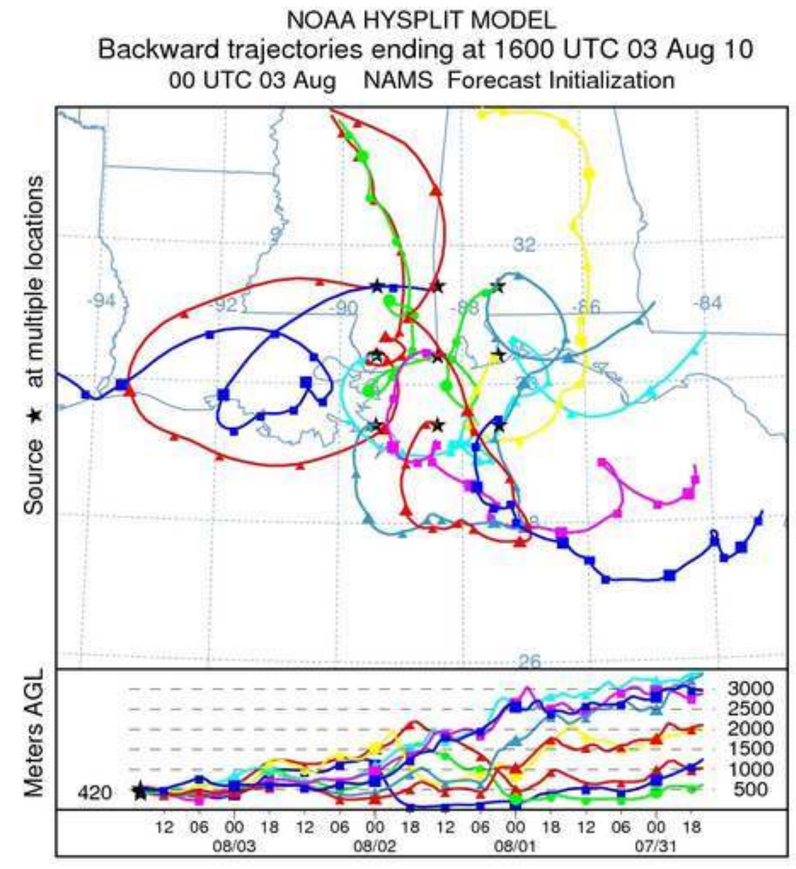

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
3500
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

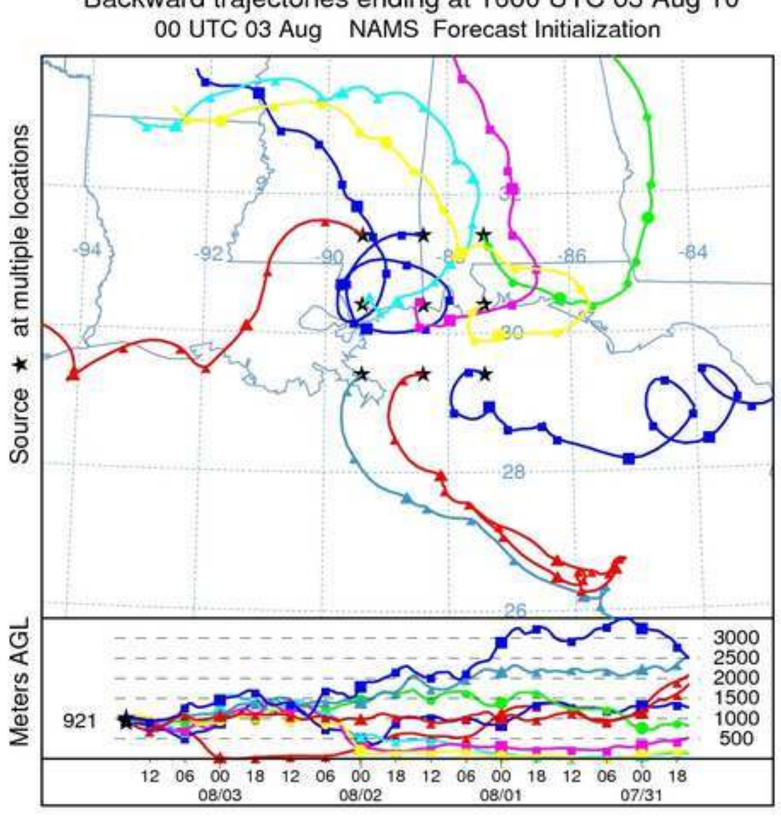

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
4000
3000
2000
1000
08/03
08/02
08/01
07/31

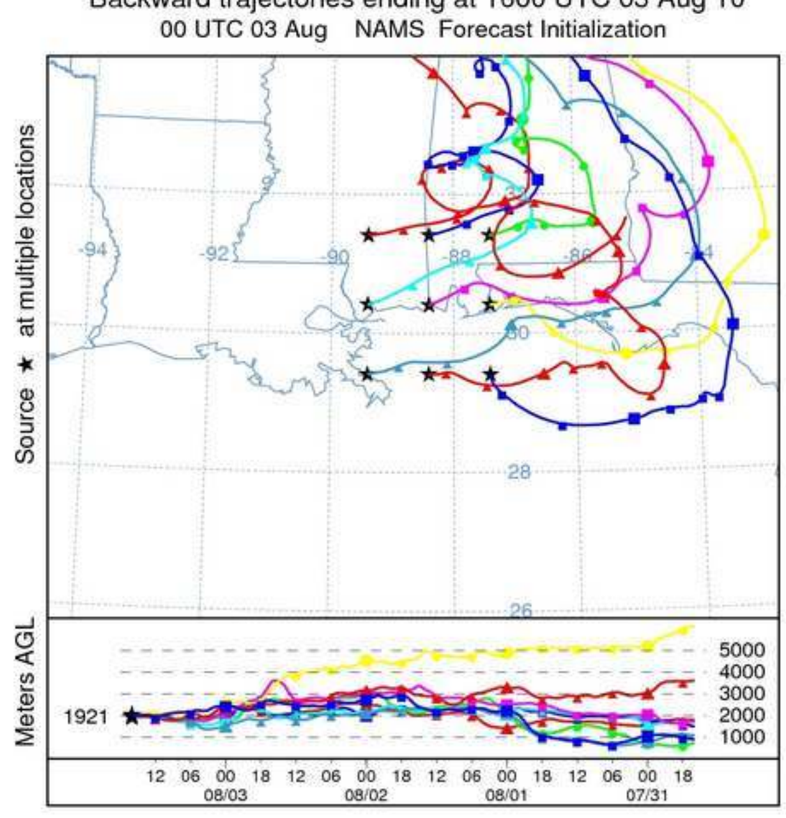

NOAA HYSPLIT MODEL
Backward trajectories ending at 1500 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
6000
4500
3000
1500
08/03
08/02
08/01
07/31

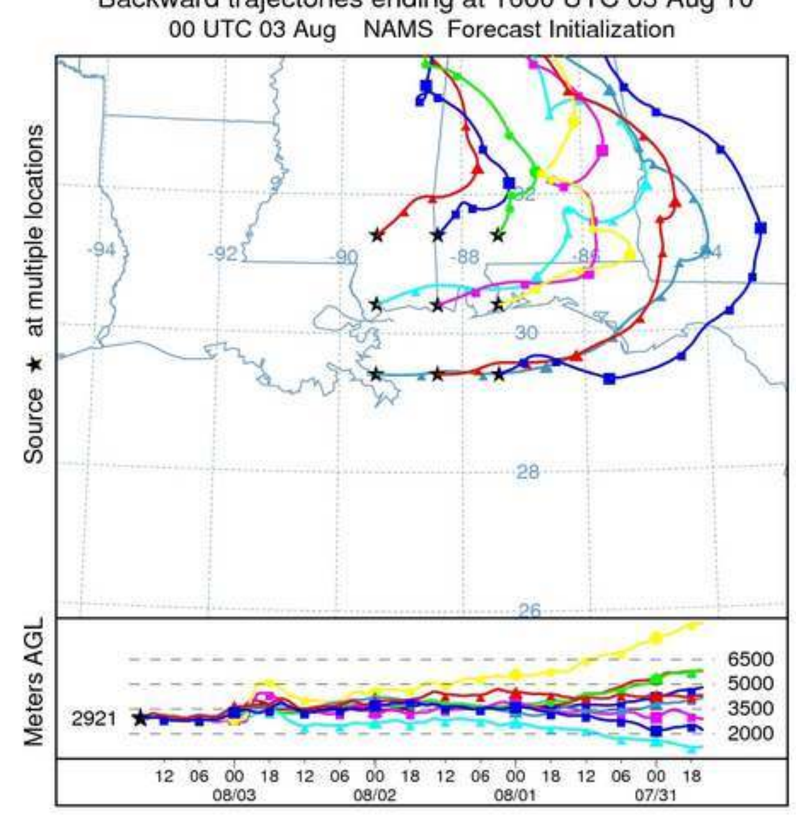

FORECAST for 2010_08_03, local hour = 11
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

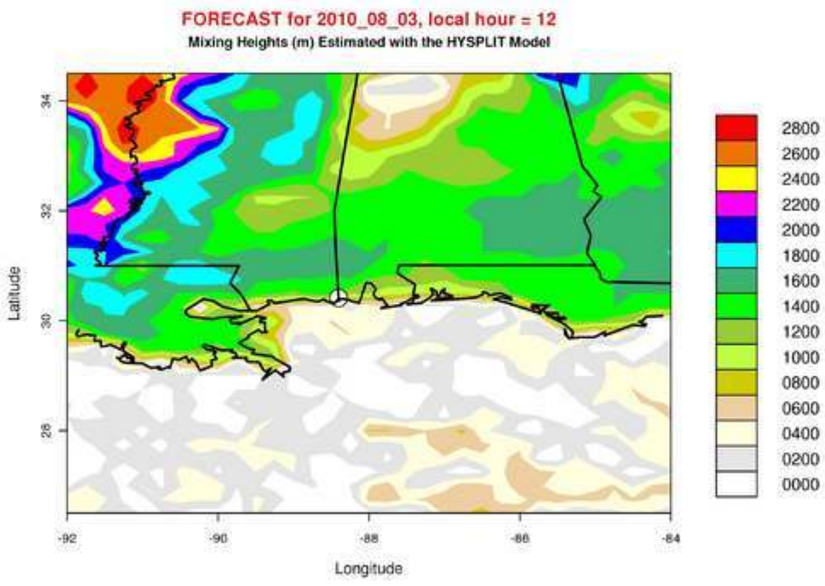

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

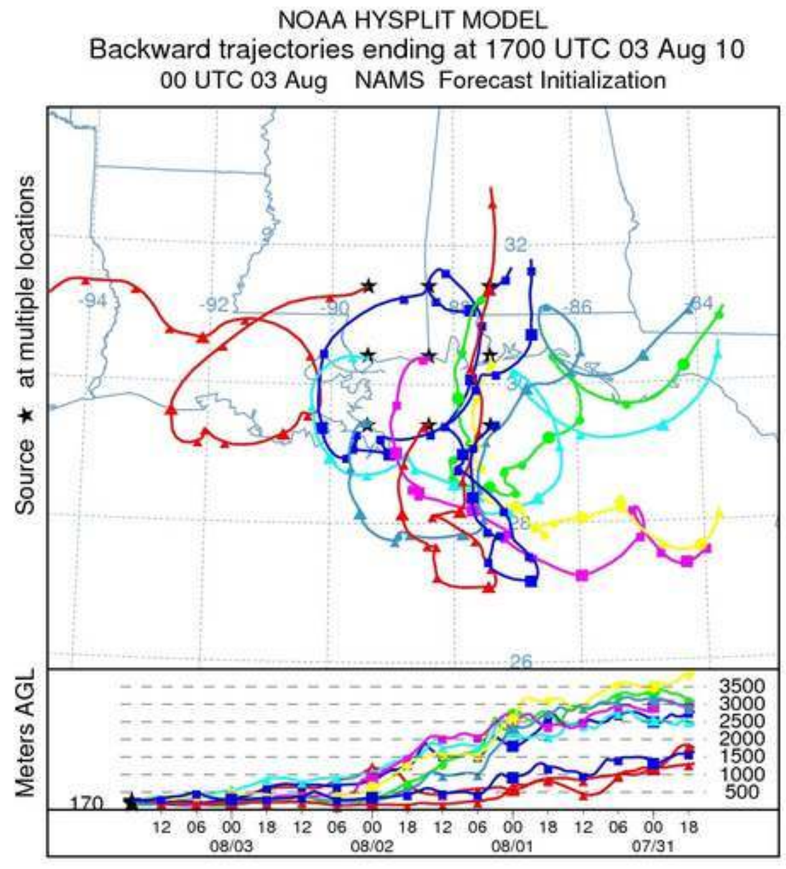

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

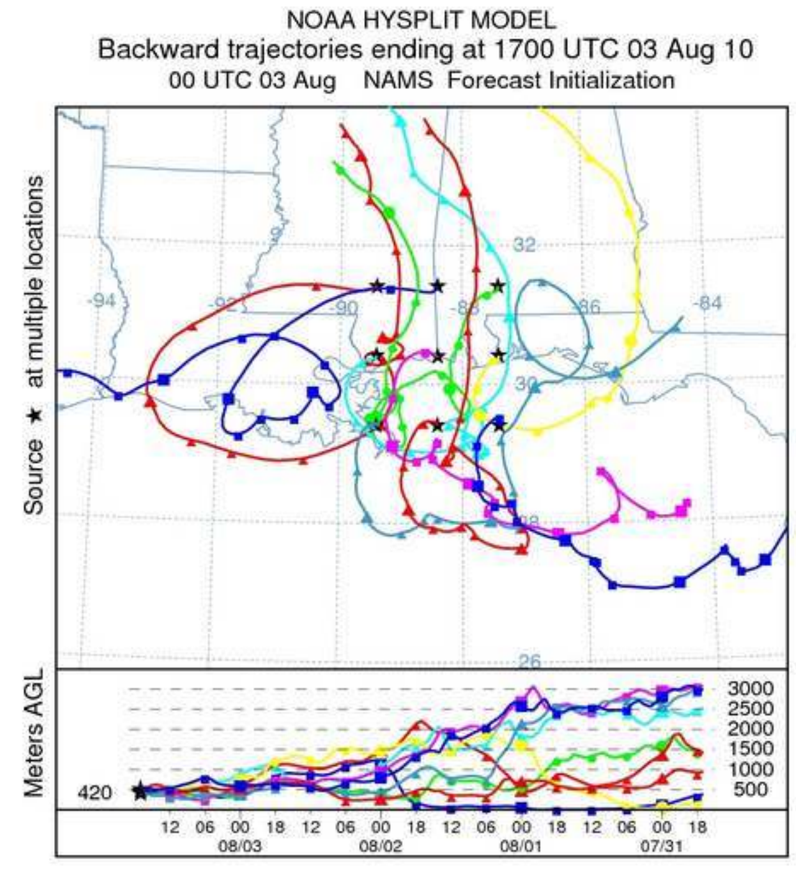

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

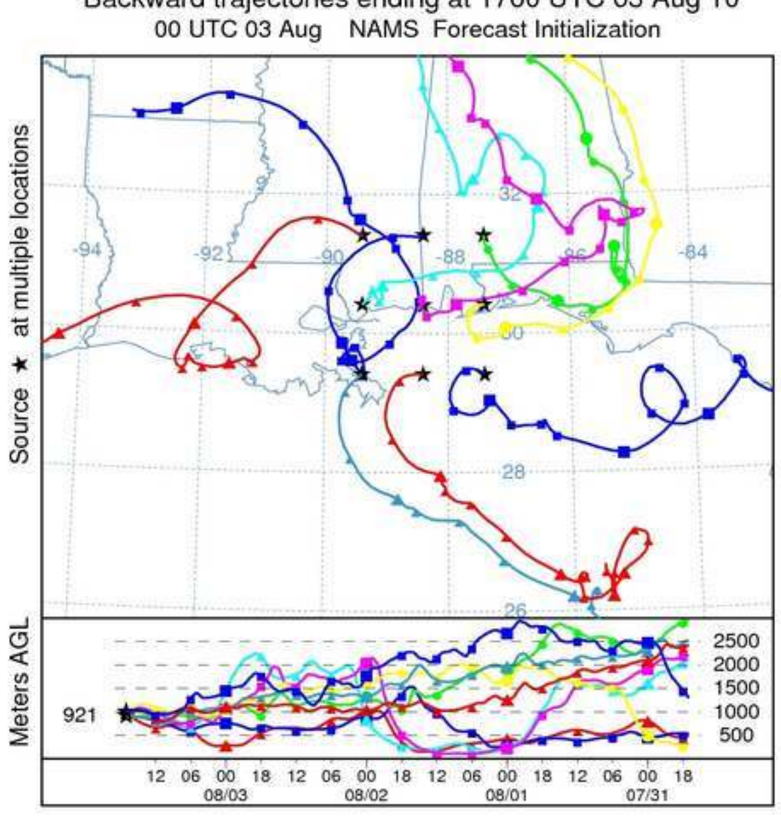

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
5000
4000
3000
2000
1000
08/03
08/02
08/01
07/31

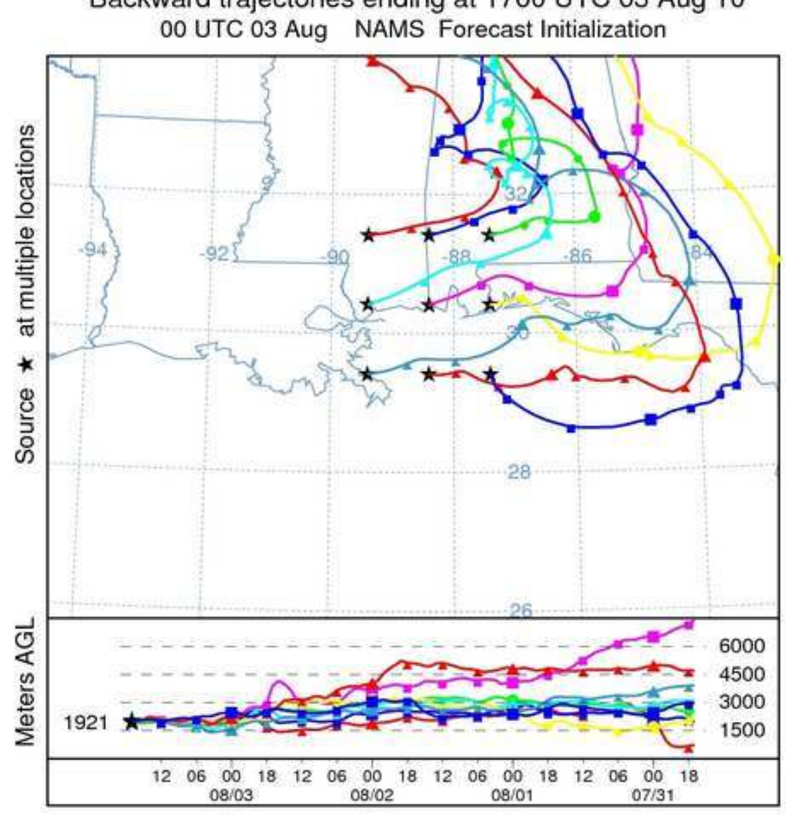

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
6500
5000
3500
2000
08/03
08/02
08/01
07/31

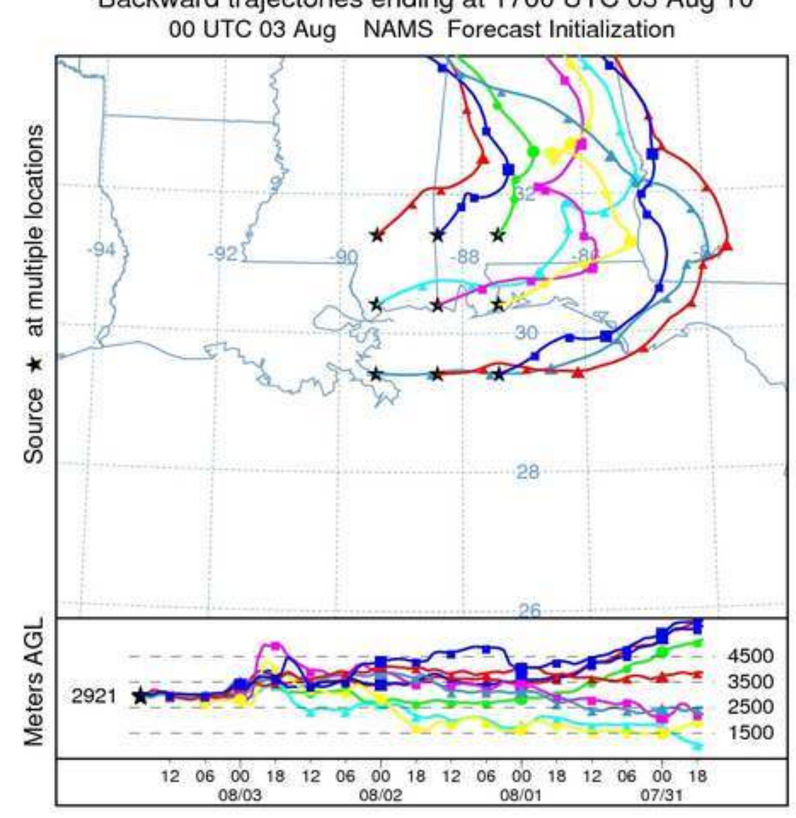

FORECAST for 2010_08_03, local hour = 12
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

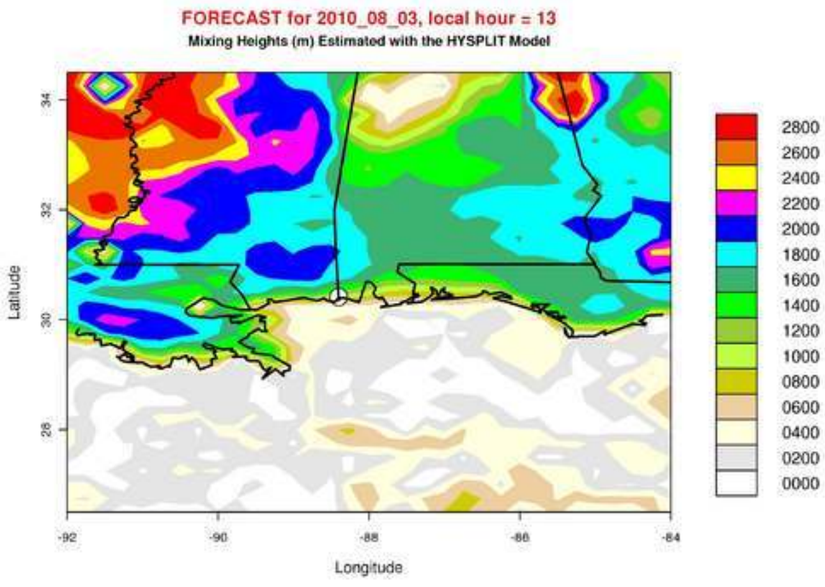

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
3500
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

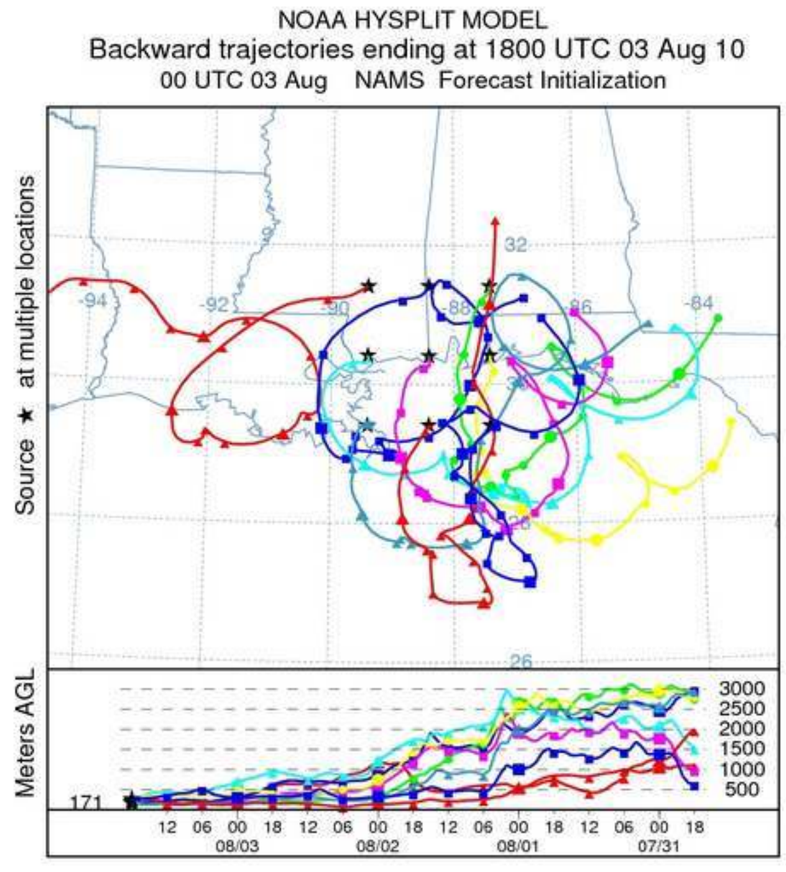

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

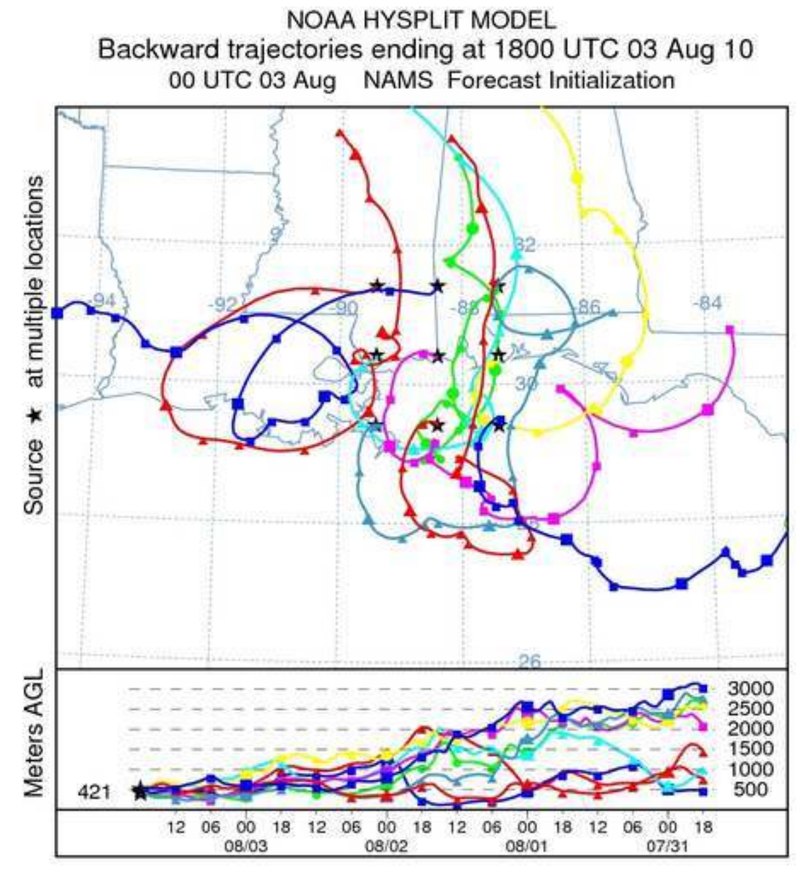

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

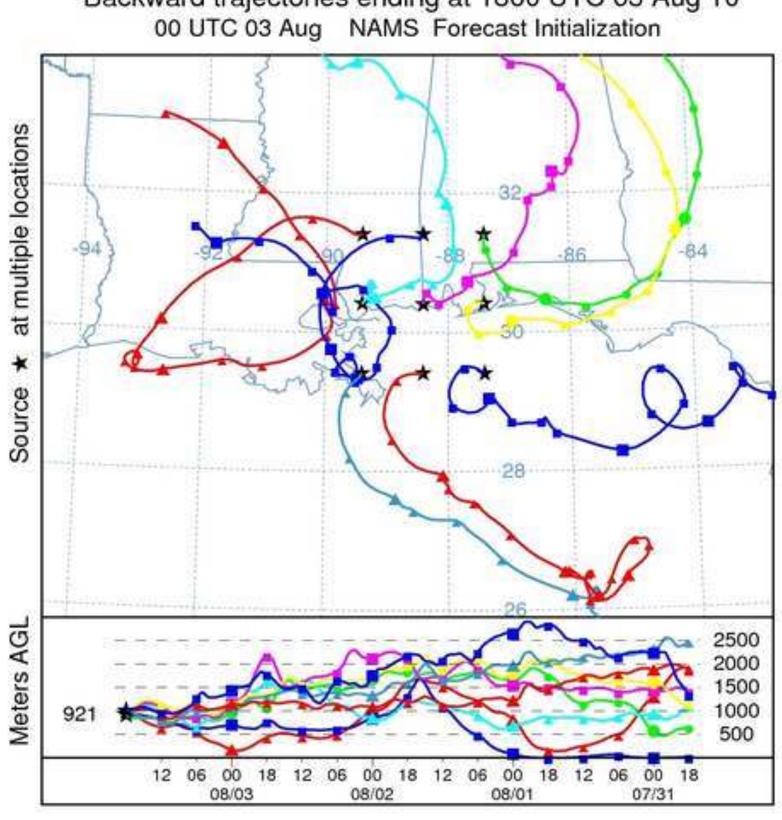

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
6000
4500
3000
1500
08/03
08/02
08/01
07/31

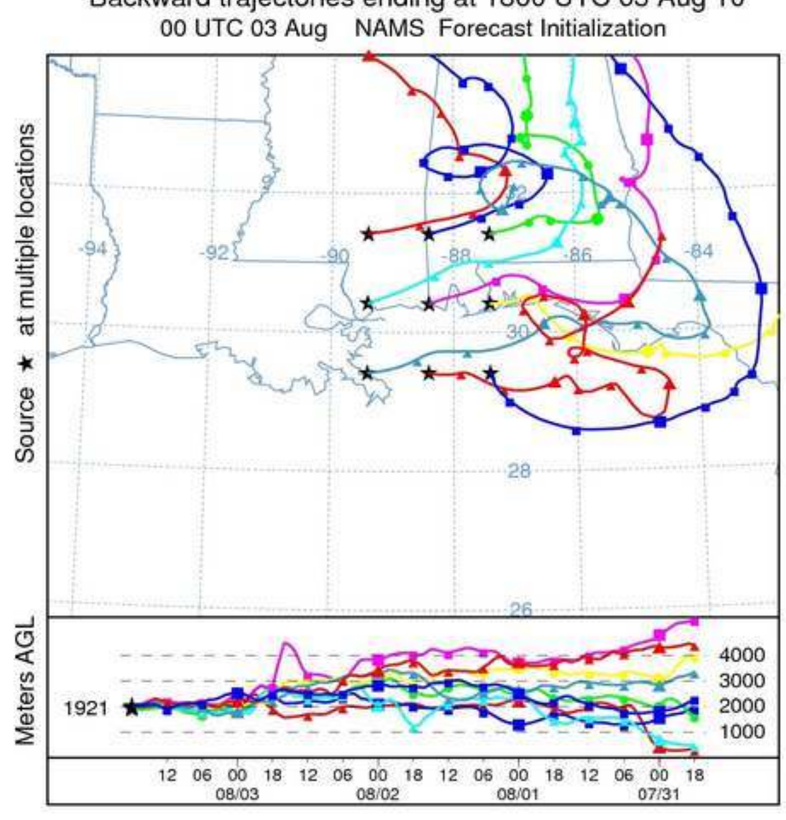

NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2921
4500
3500
2500
1500
08/03
08/02
08/01
07/31

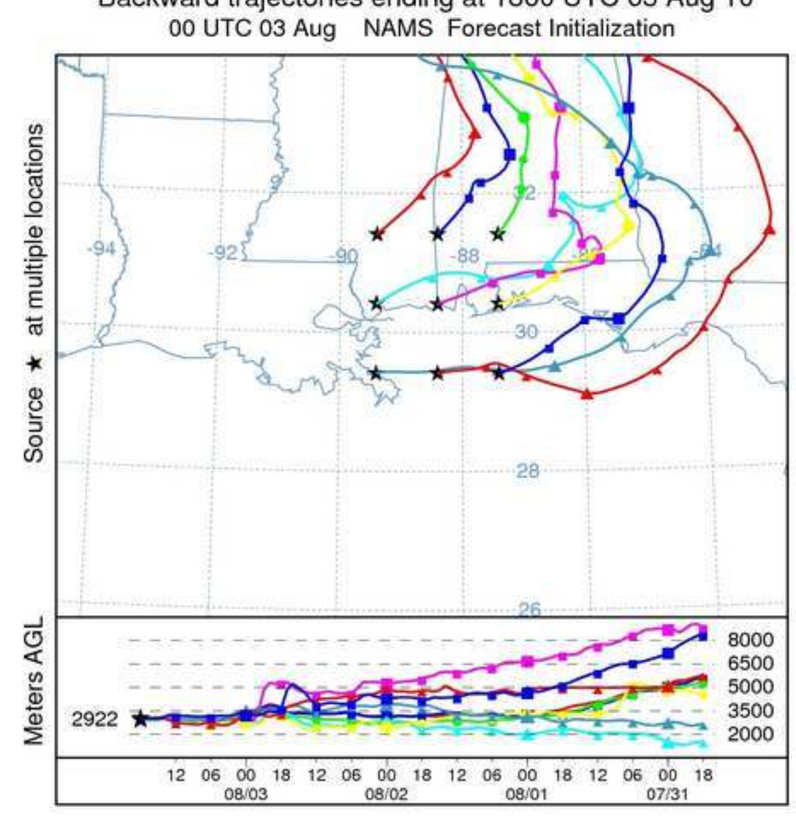

FORECAST for 2010_08_03, local hour = 13
Mixing Heights (m) Estimated with the HYSPLIT Model
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000
Latitude
Longitude

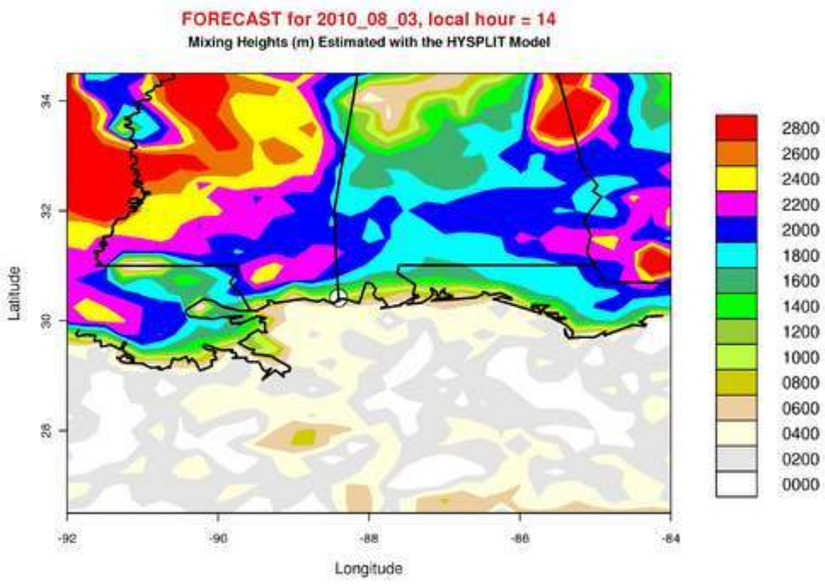

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

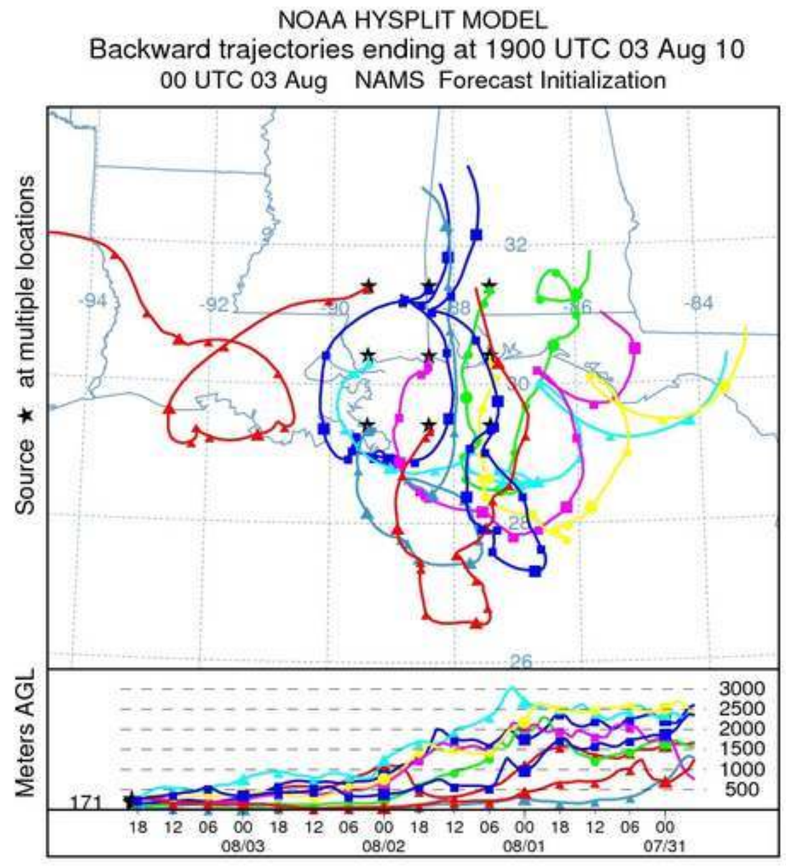

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

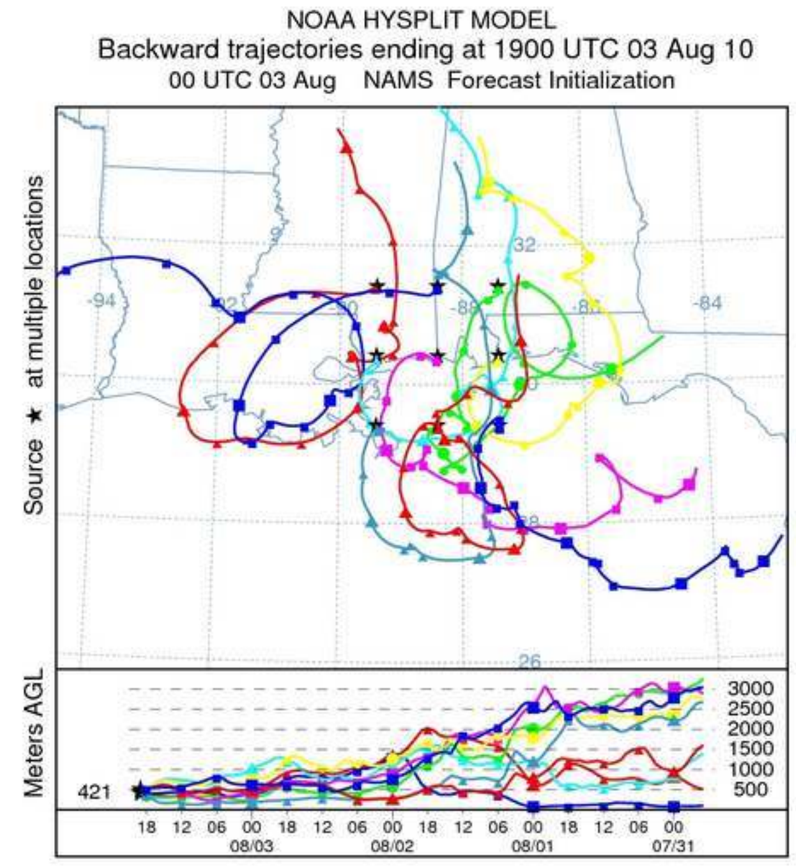

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

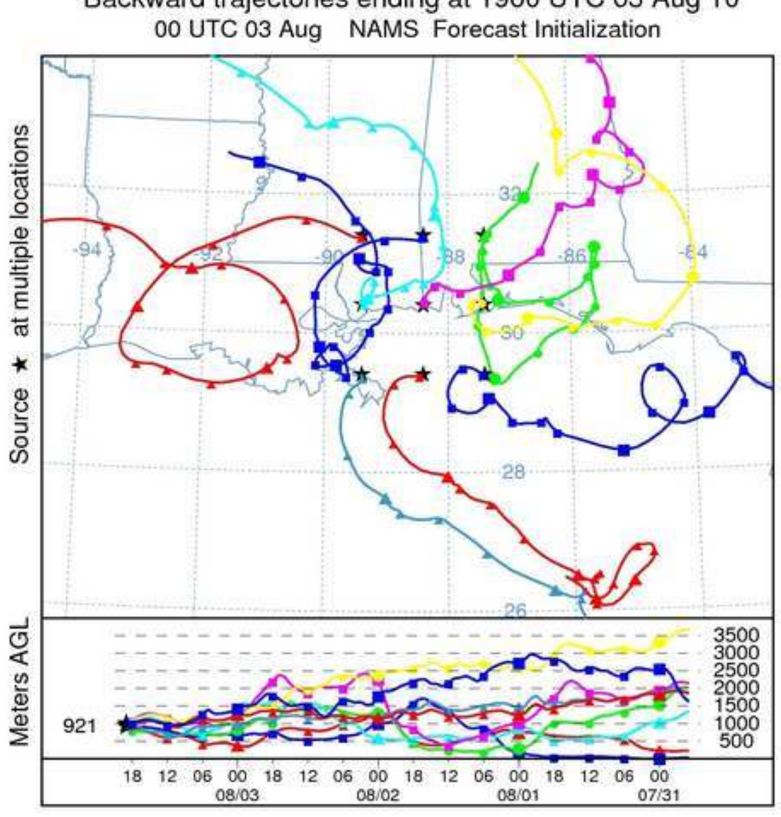

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
4000
3000
2000
1000
08/03
08/02
08/01
07/31

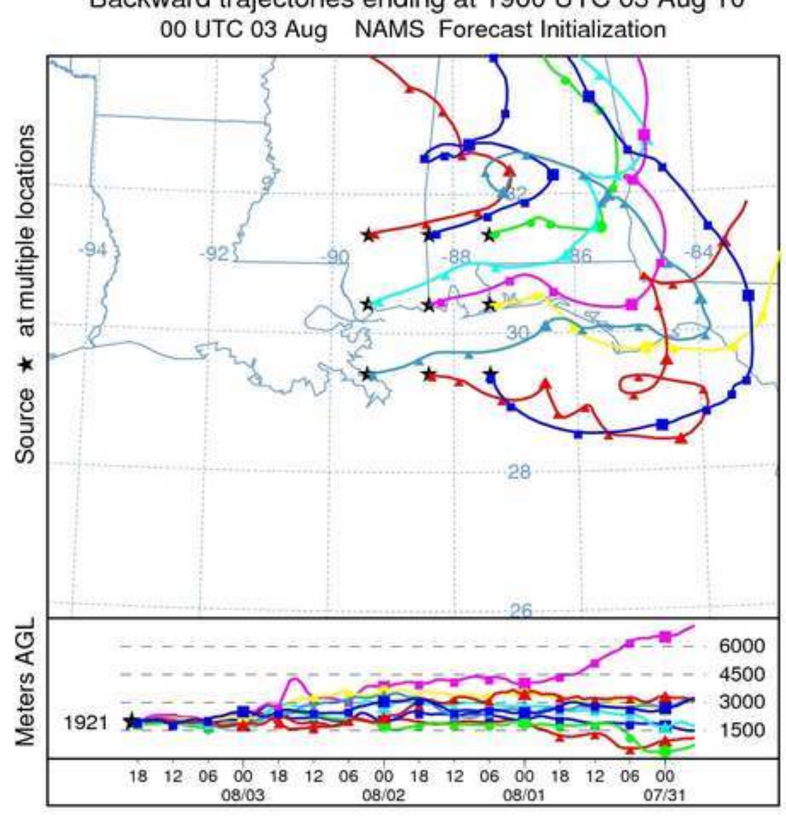

NOAA HYSPLIT MODEL
Backward trajectories ending at 1800 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
8000
6500
5000
3500
2000
08/03
08/02
08/01
07/31

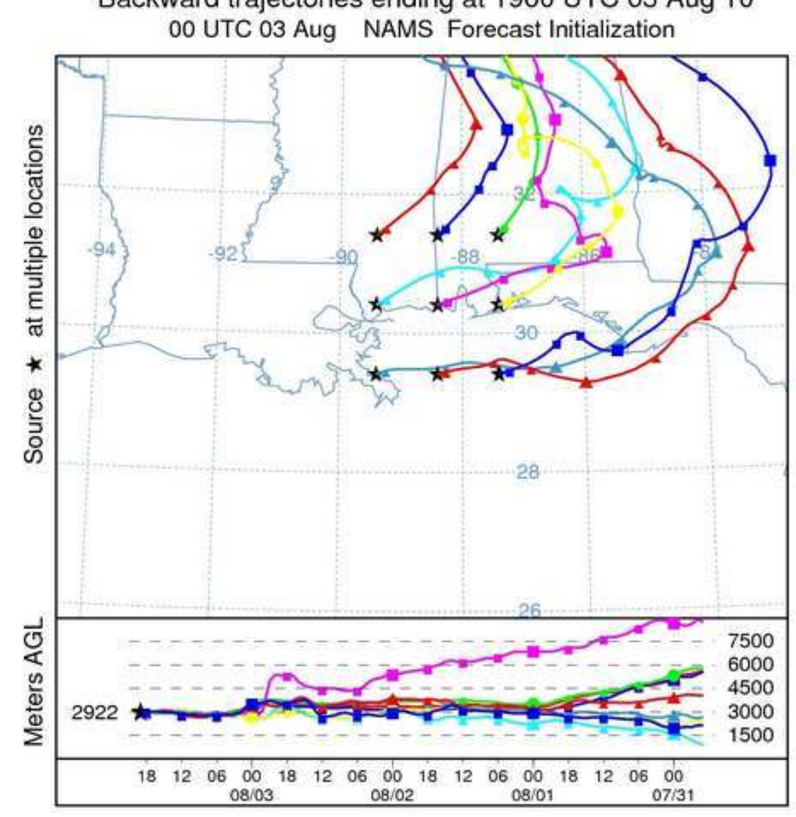

FORECAST for 2010_08_03, local hour = 14
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

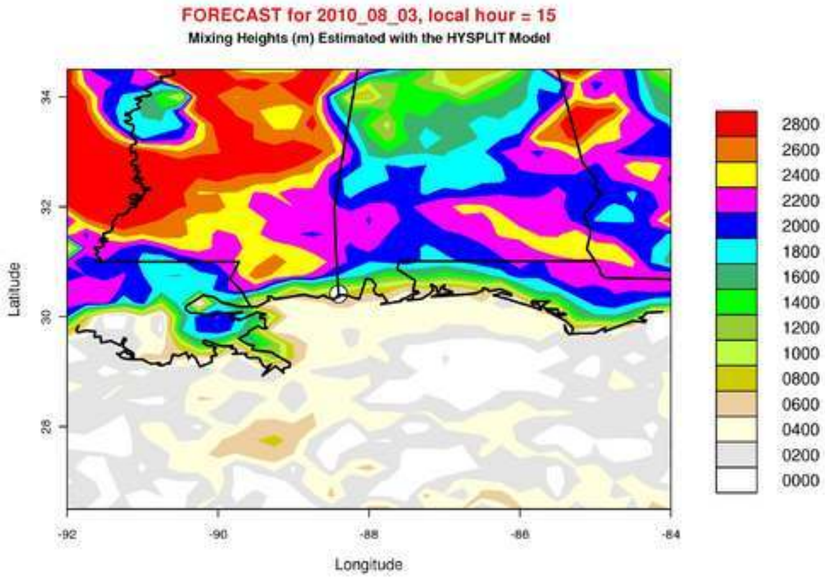

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

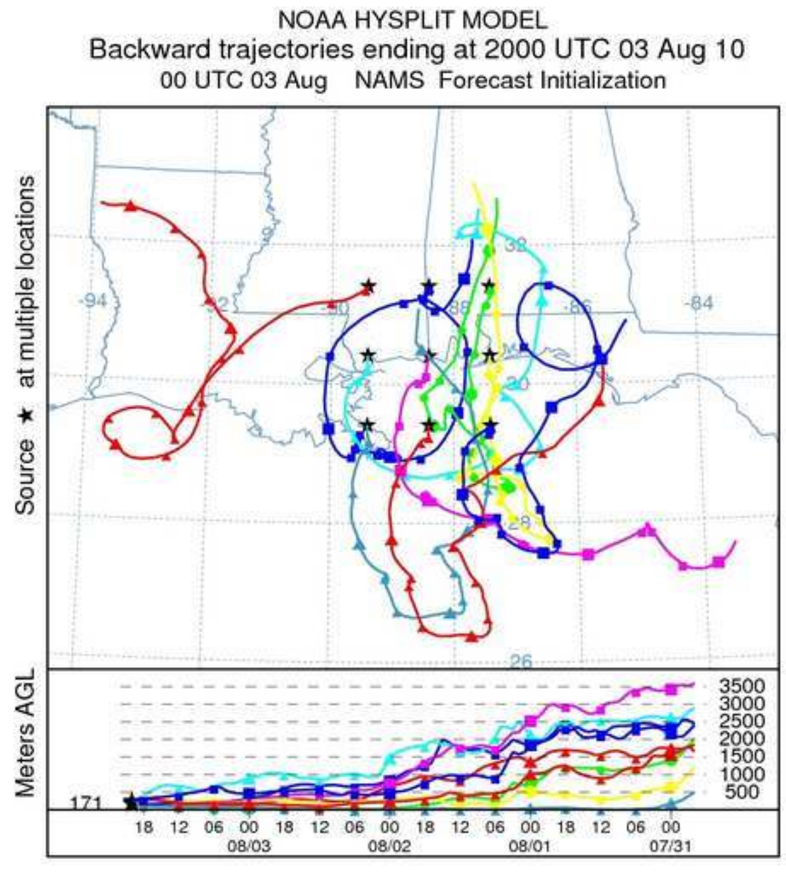

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

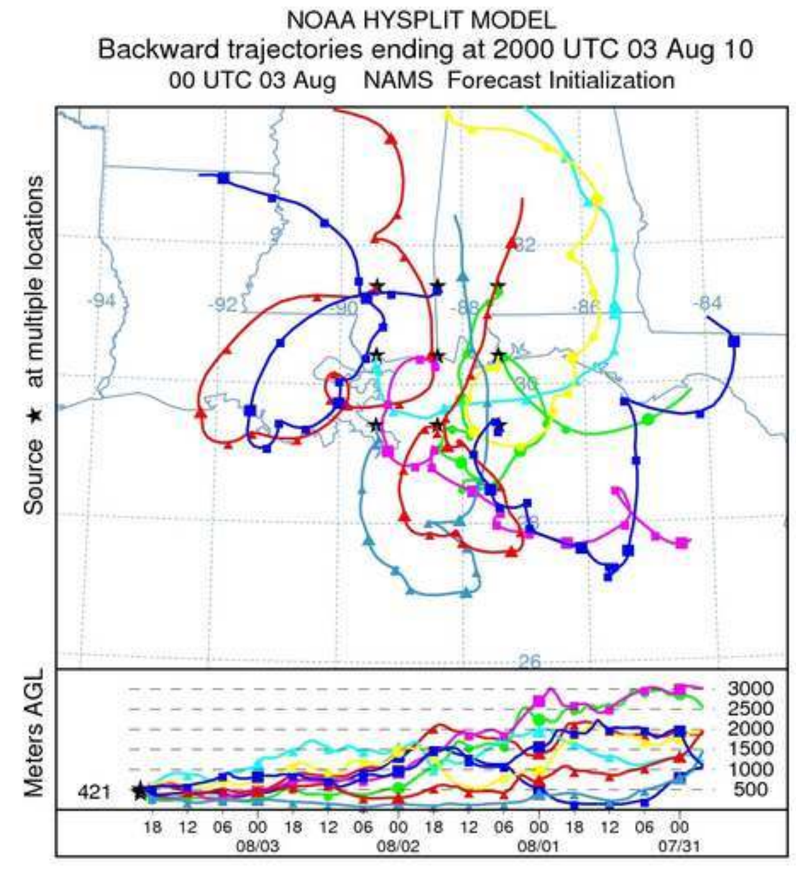

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
3500
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

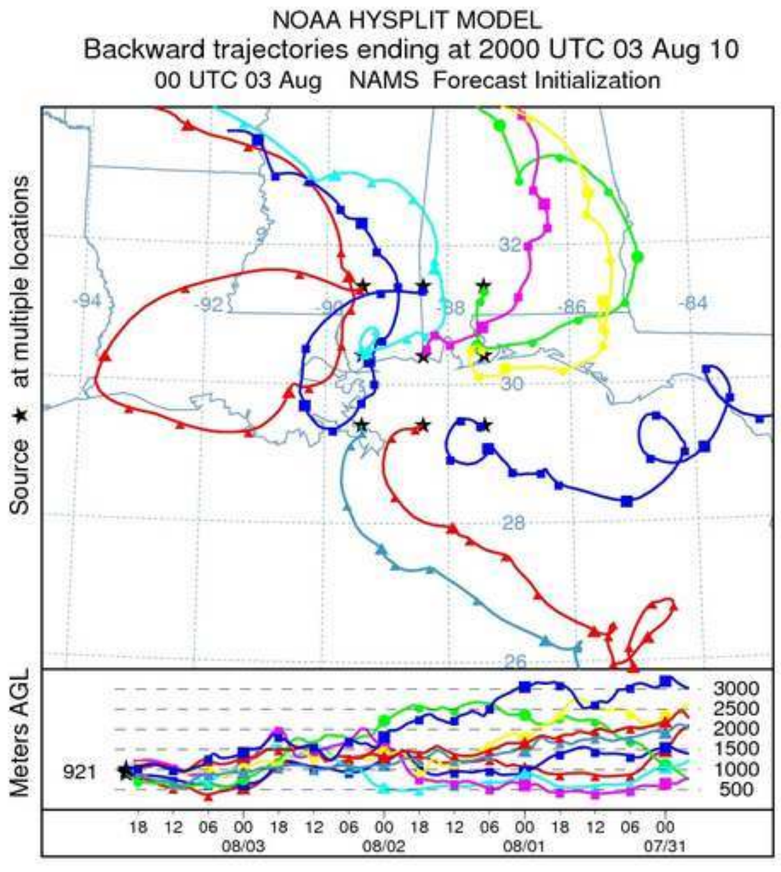

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
6000
4500
3000
1500
08/03
08/02
08/01
07/31

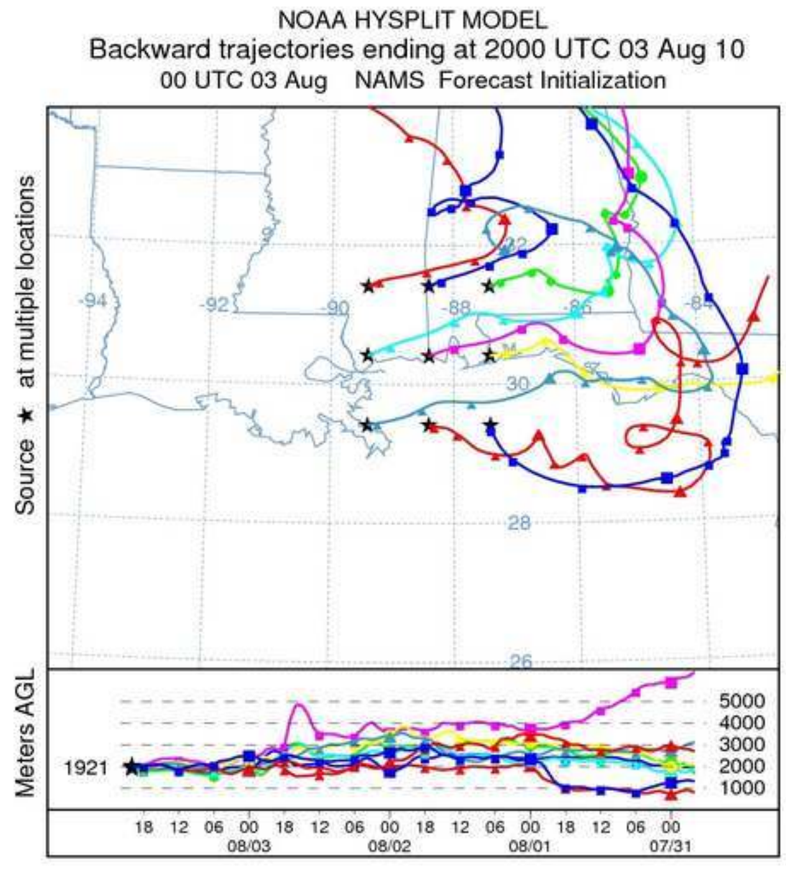

NOAA HYSPLIT MODEL
Backward trajectories ending at 1900 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
7500
6000
4500
3000
1500
08/03
08/02
08/01
07/31

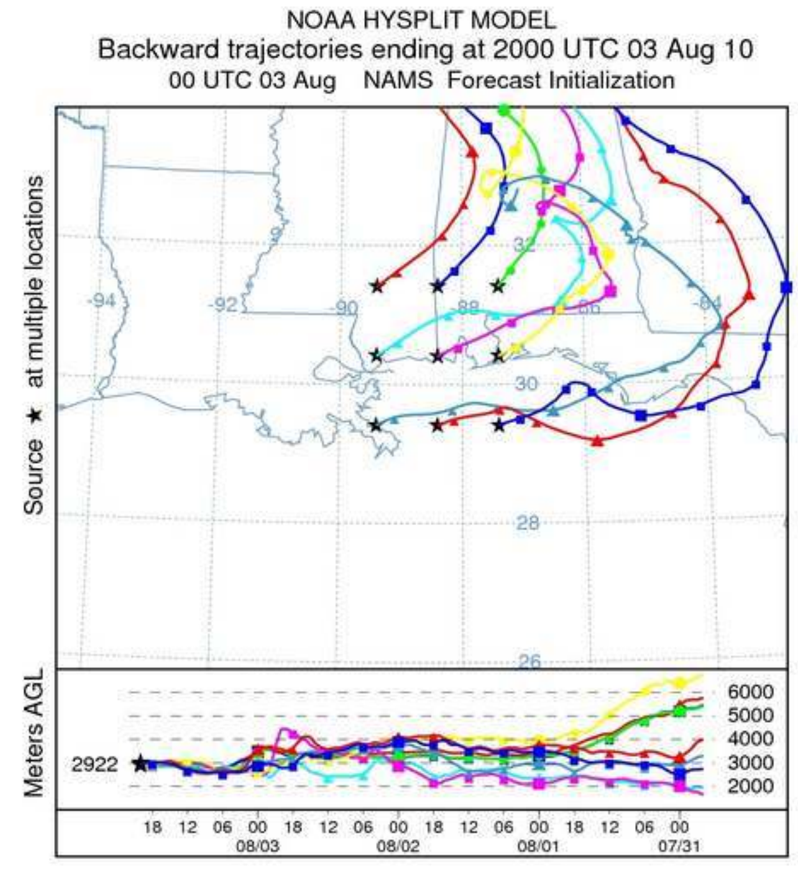

FORECAST for 2010_08_03, local hour = 15
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

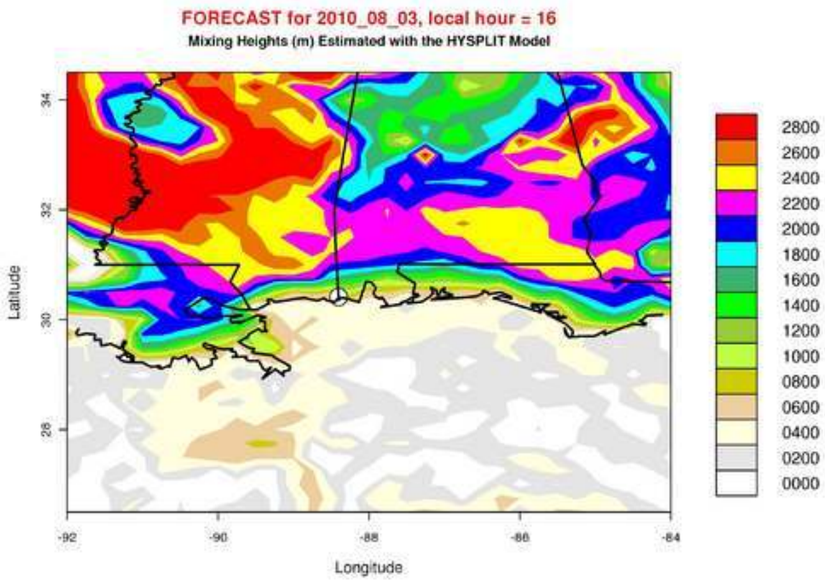

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171
08/03
08/02
08/01
07/31

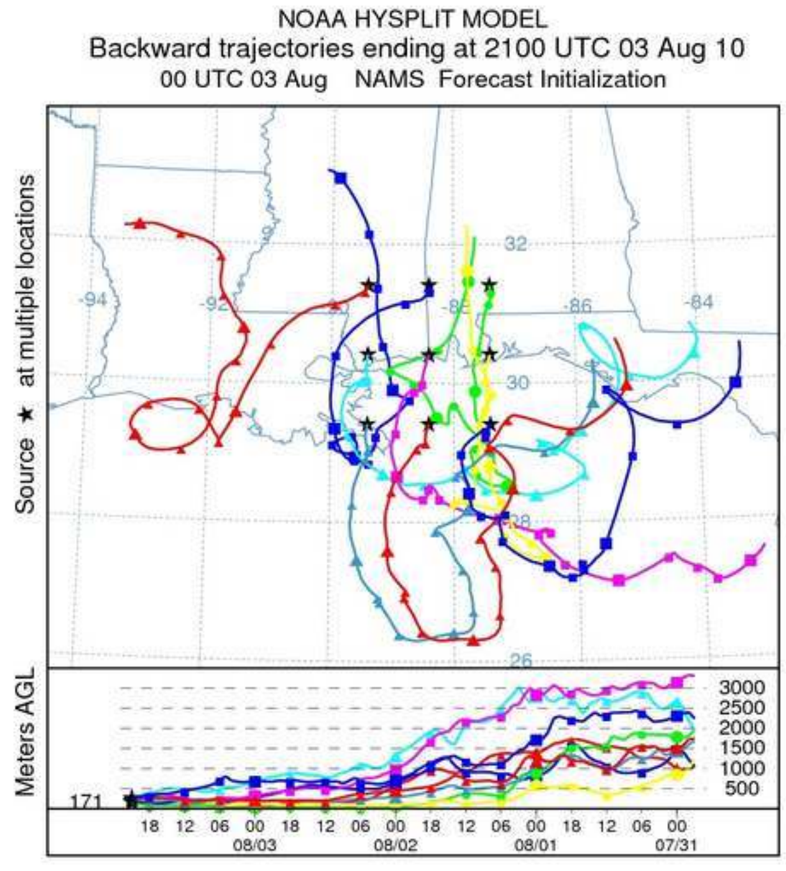

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
08/03
08/02
08/01
07/31

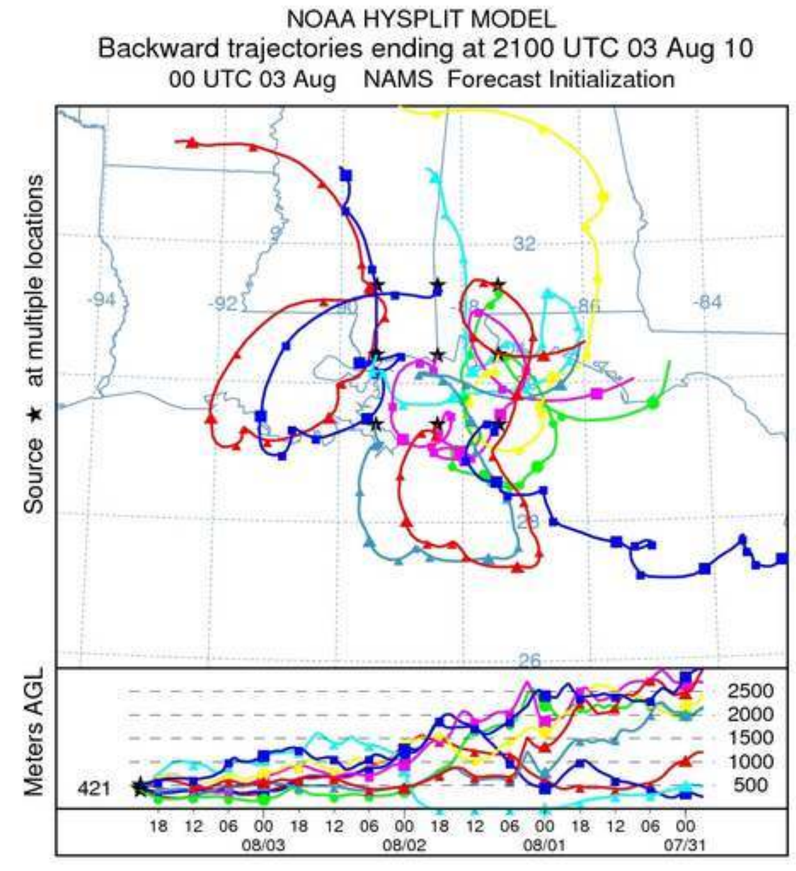

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
08/03
08/02
08/01
07/31

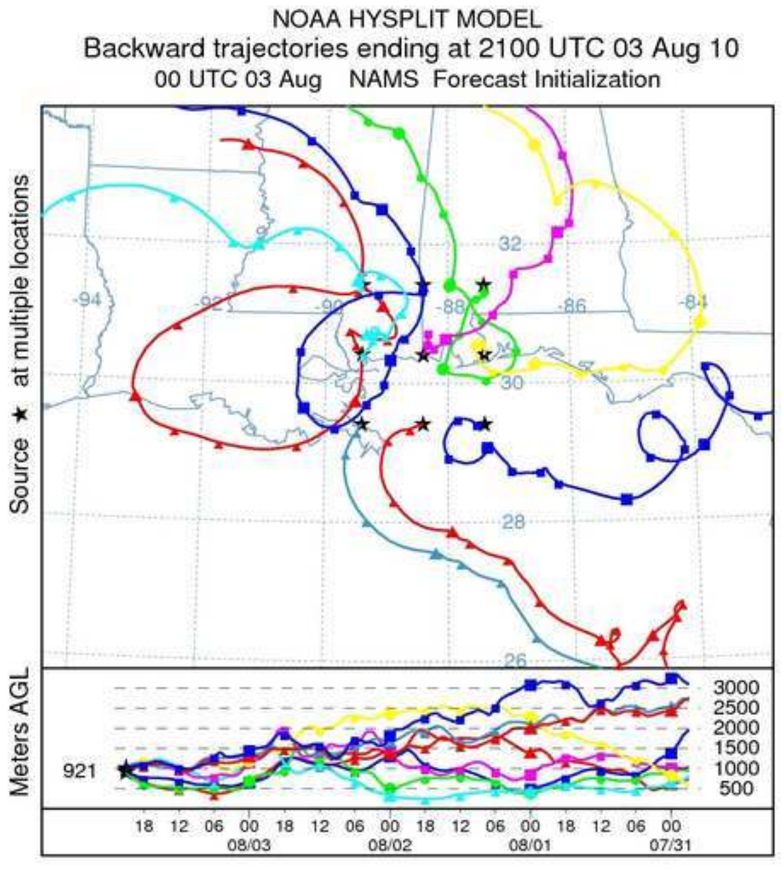

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
08/03
08/02
08/01
07/31

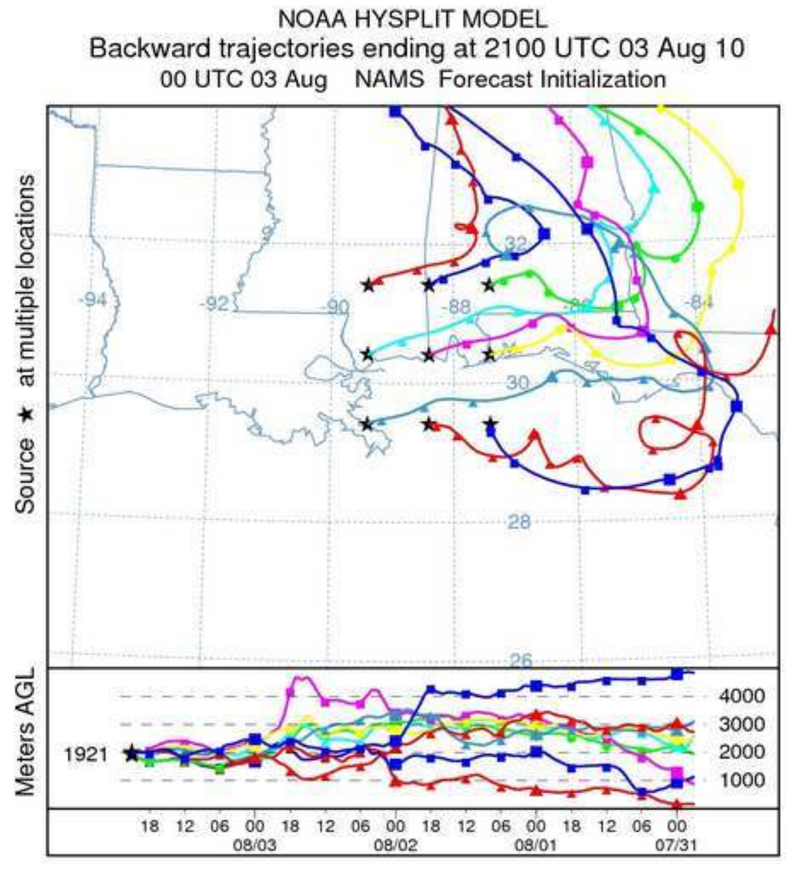

NOAA HYSPLIT MODEL
Backward trajectories ending at 2000 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
08/03
08/02
08/01
07/31

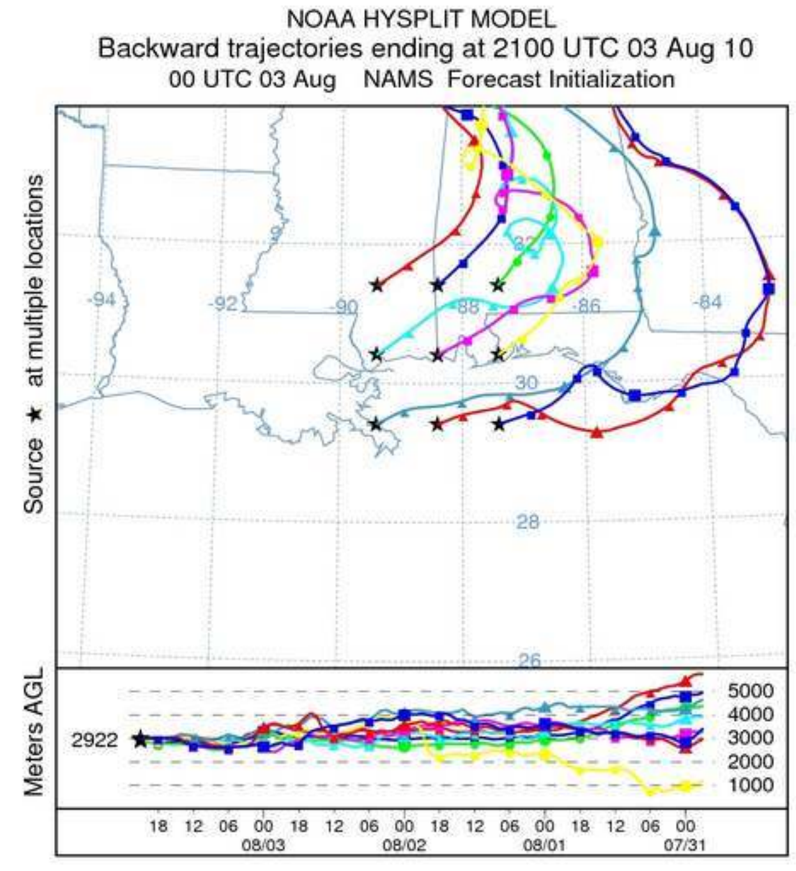

FORECAST for 2010_08_03, local hour = 16
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

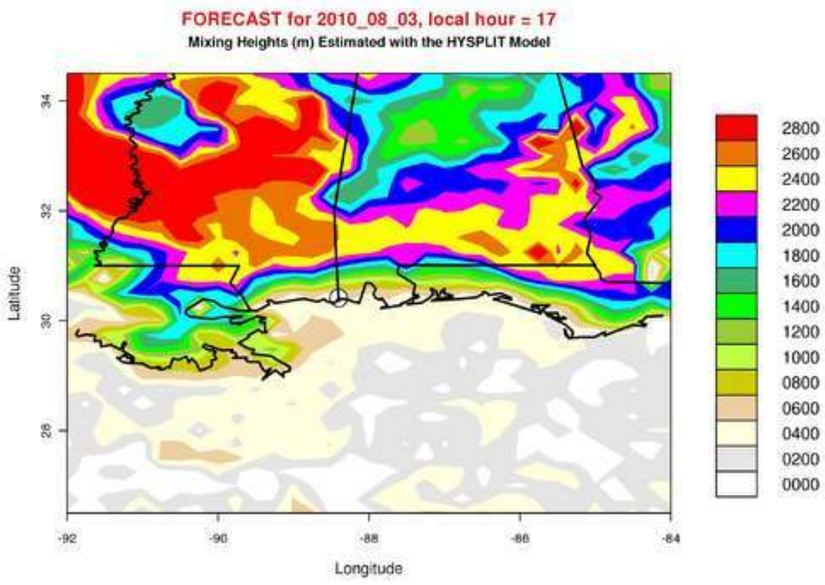

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171
08/03
08/02
08/01
07/31

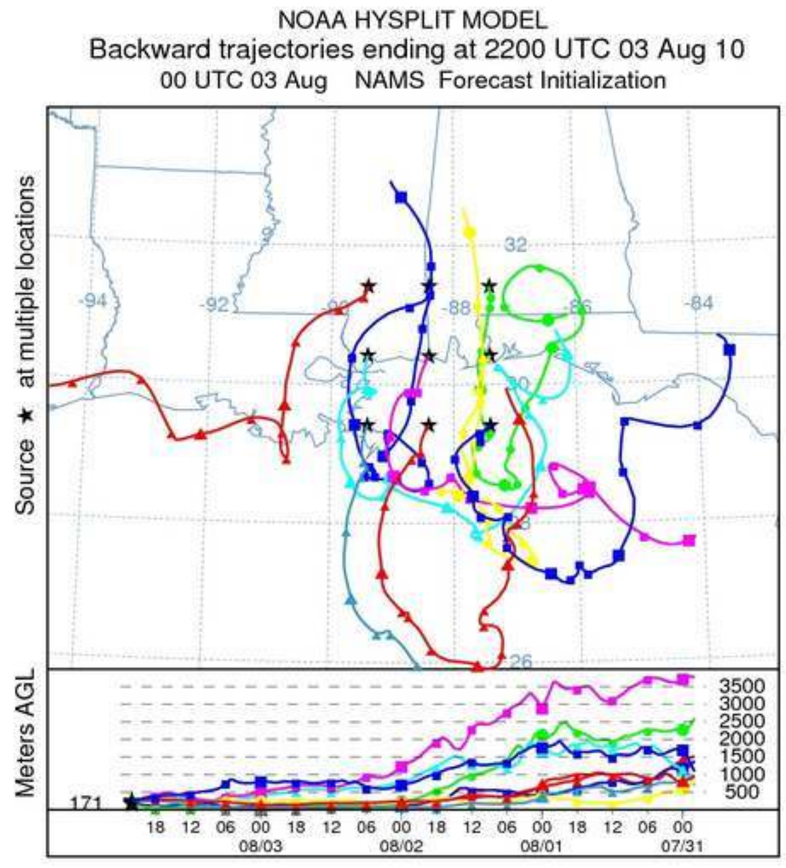

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
08/03
08/02
08/01
07/31

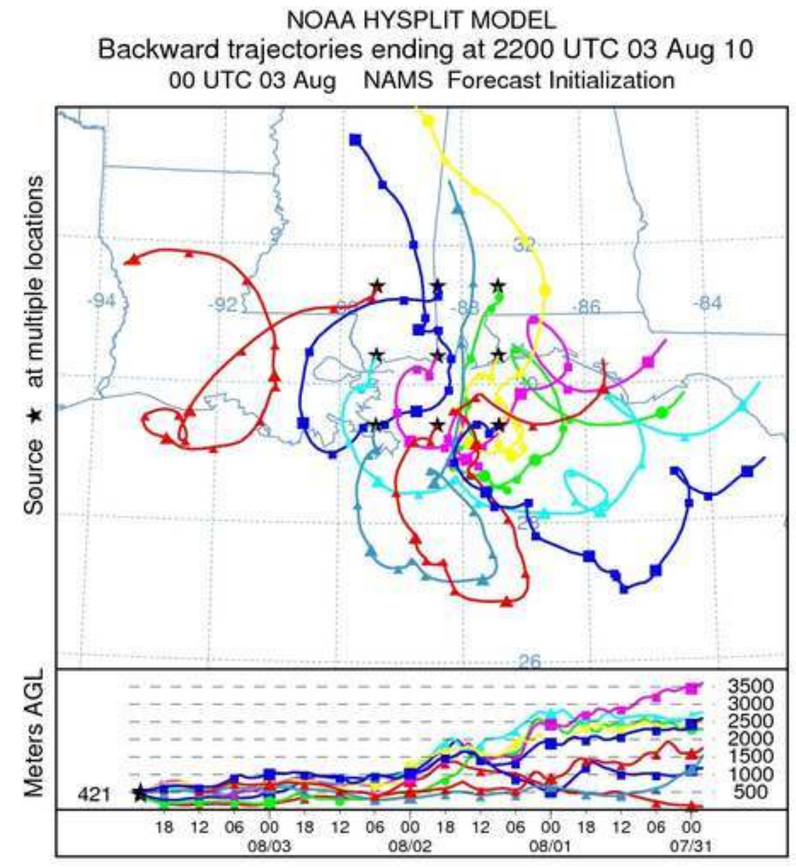

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
08/03
08/02
08/01
07/31

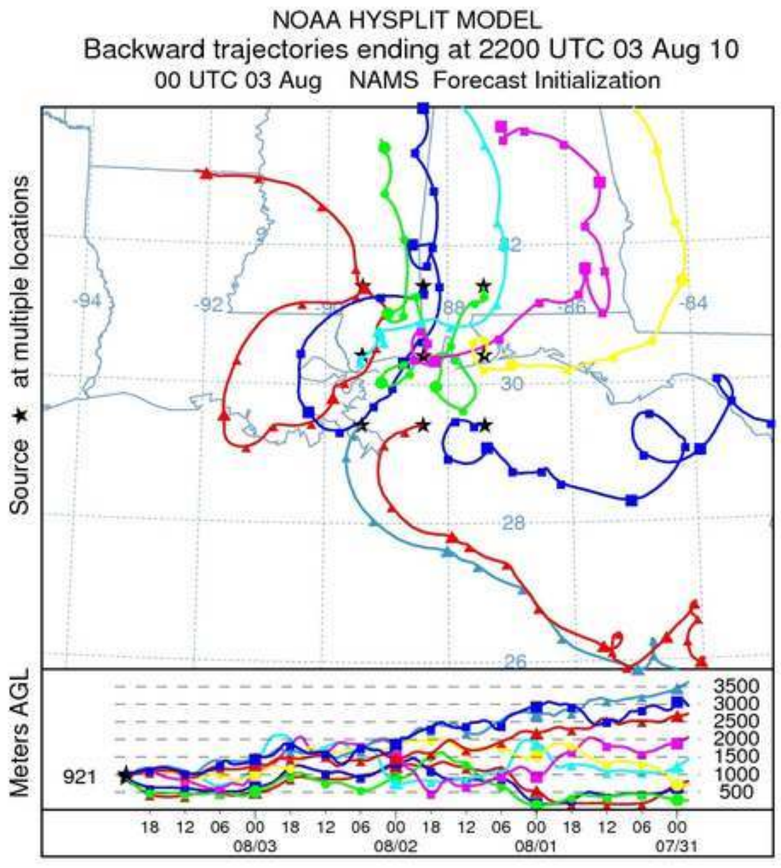

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
08/03
08/02
08/01
07/31

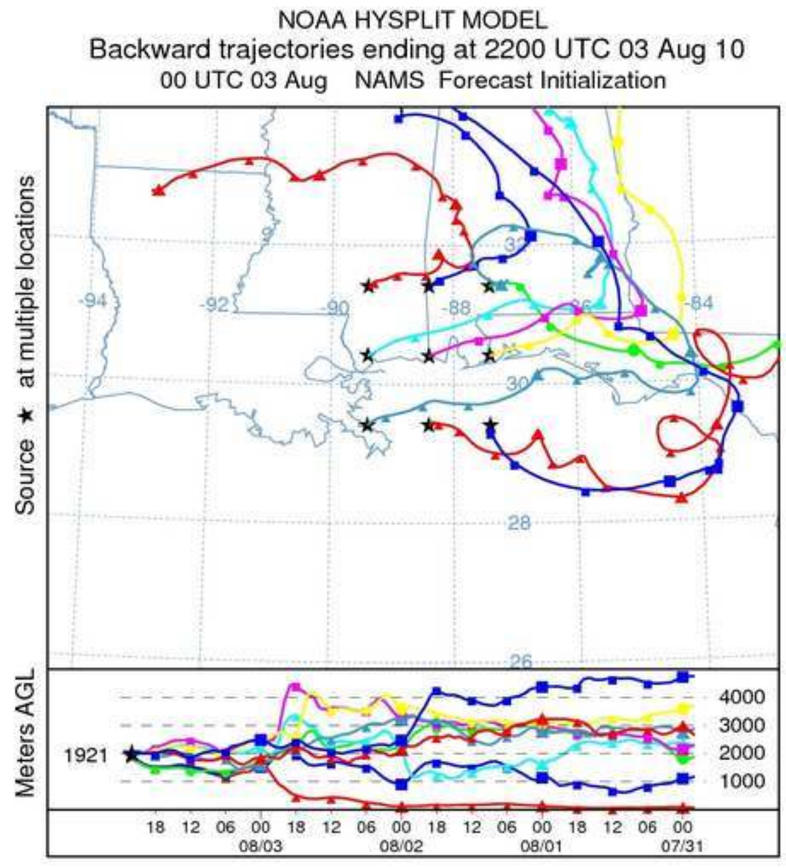

NOAA HYSPLIT MODEL
Backward trajectories ending at 2100 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
08/03
08/02
08/01
07/31

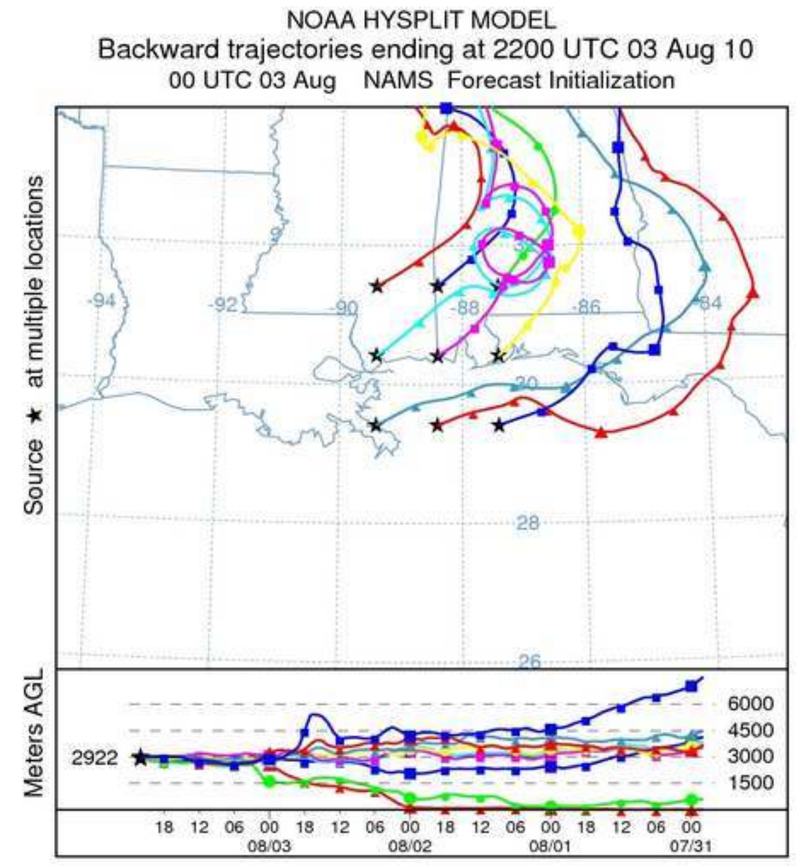

FORECAST for 2010_08_03, local hour = 17
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

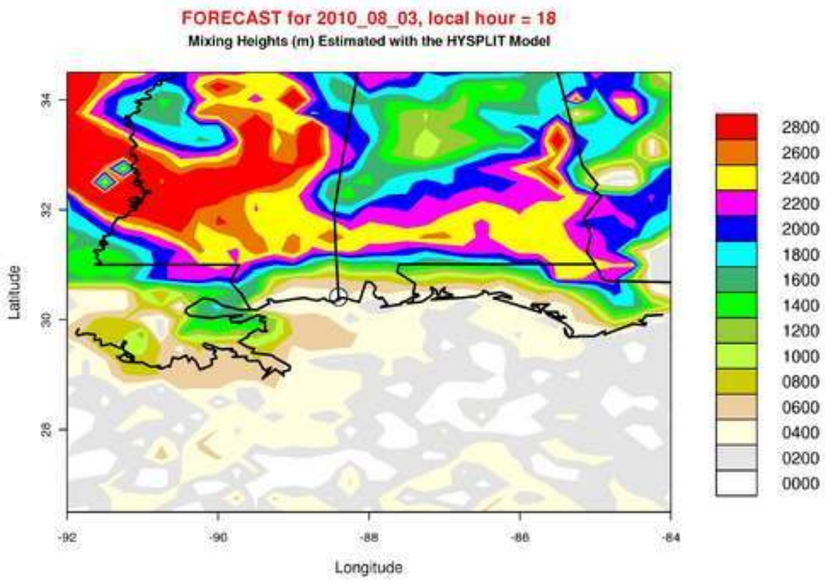

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
171
08/03
08/02
08/01
07/31

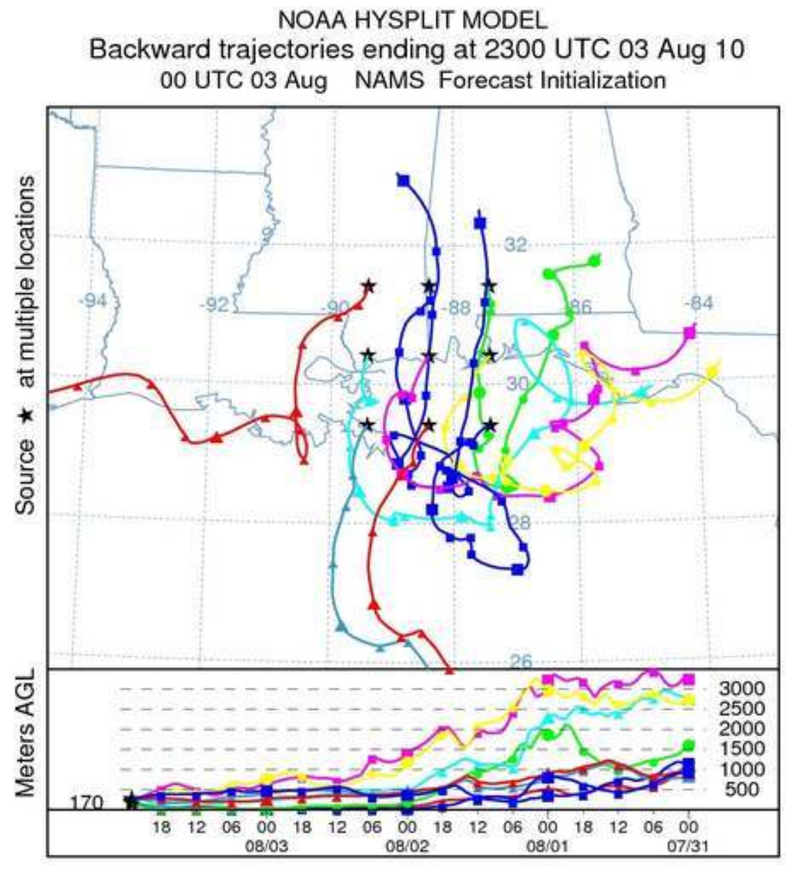

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
421
08/03
08/02
08/01
07/31

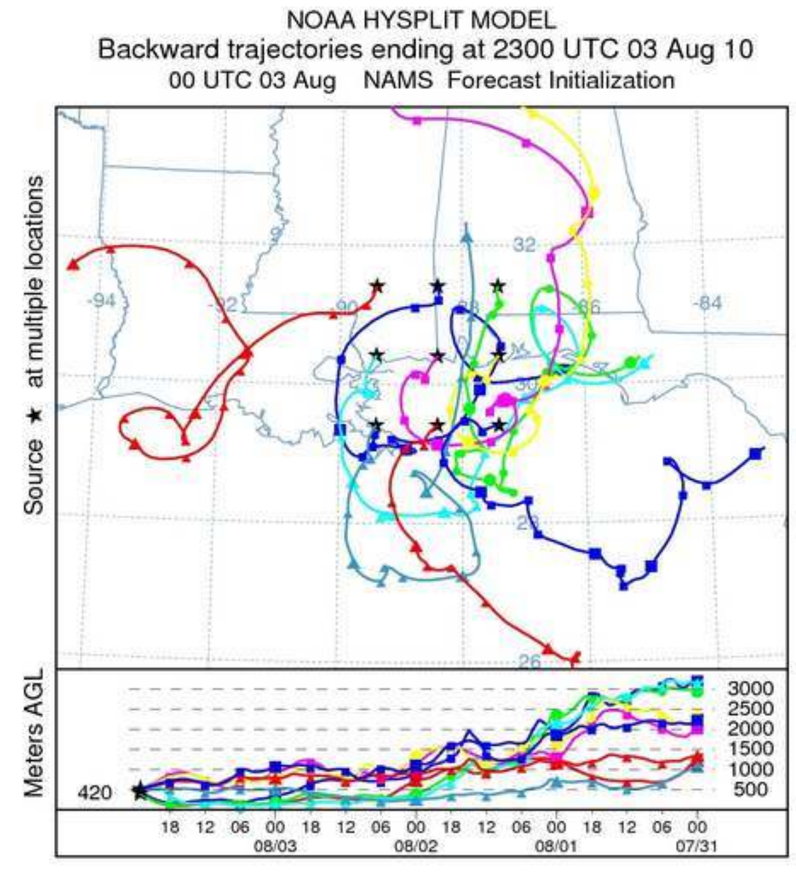

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
921
08/03
08/02
08/01
07/31

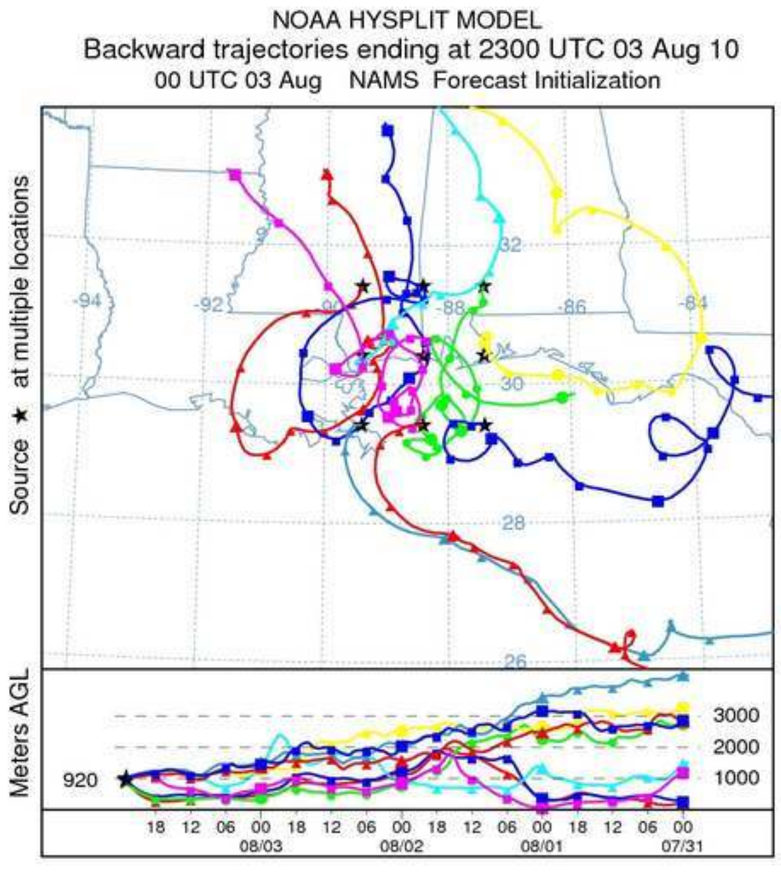

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
08/03
08/02
08/01
07/31

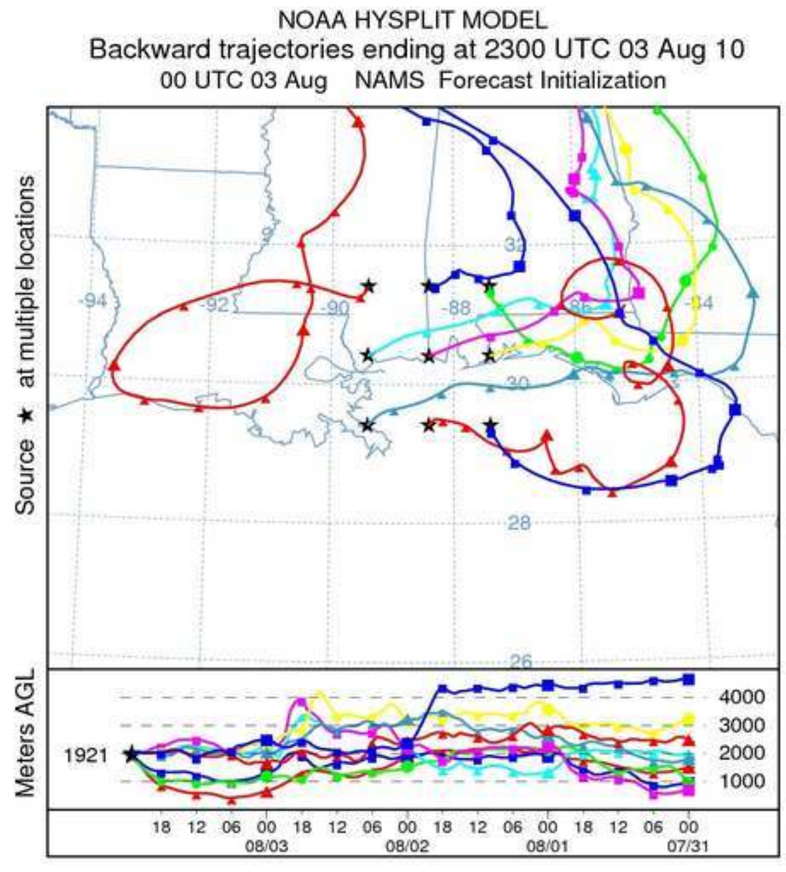

NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
08/03
08/02
08/01
07/31

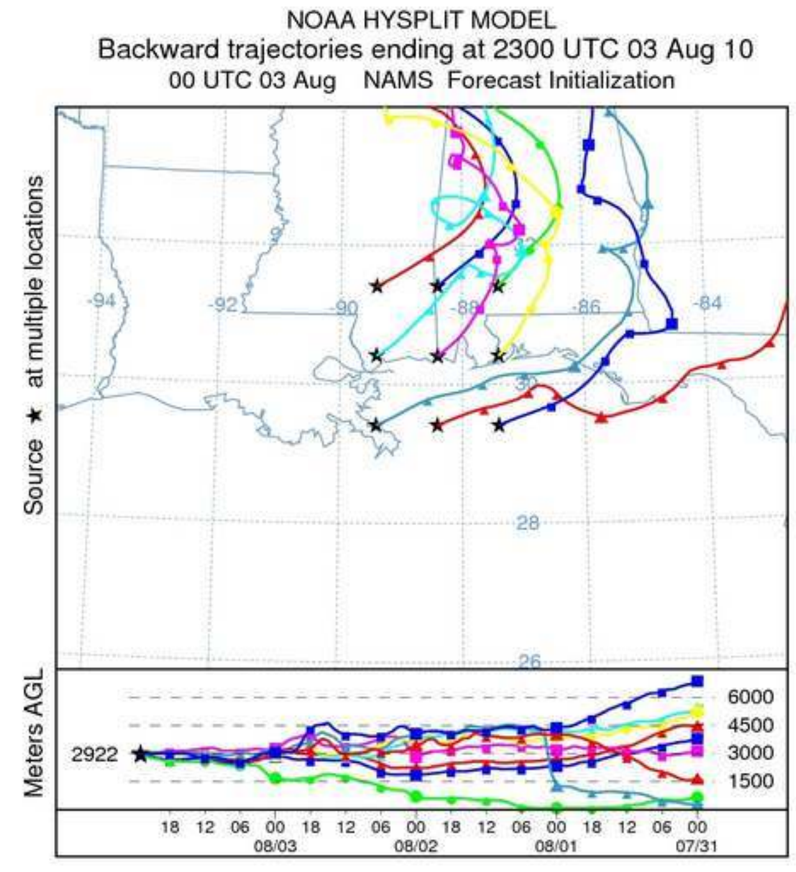

FORECAST for 2010_08_03, local hour = 18
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

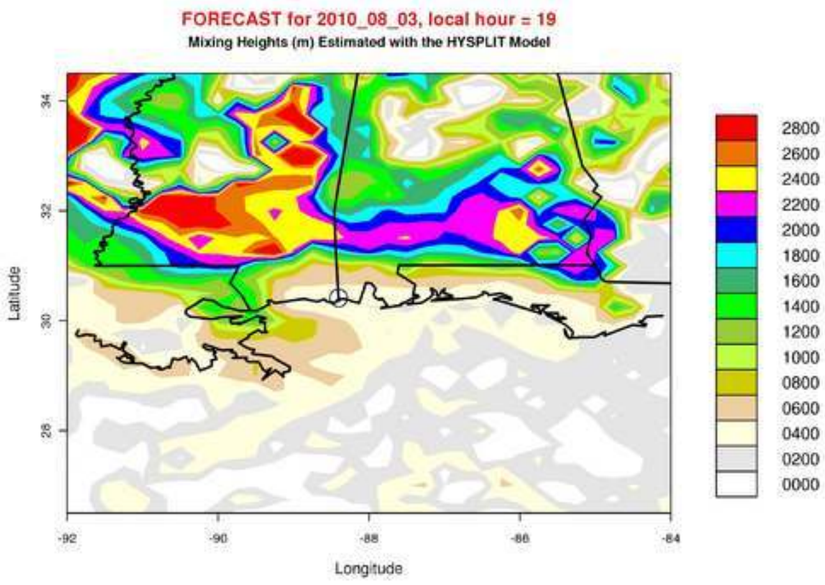

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

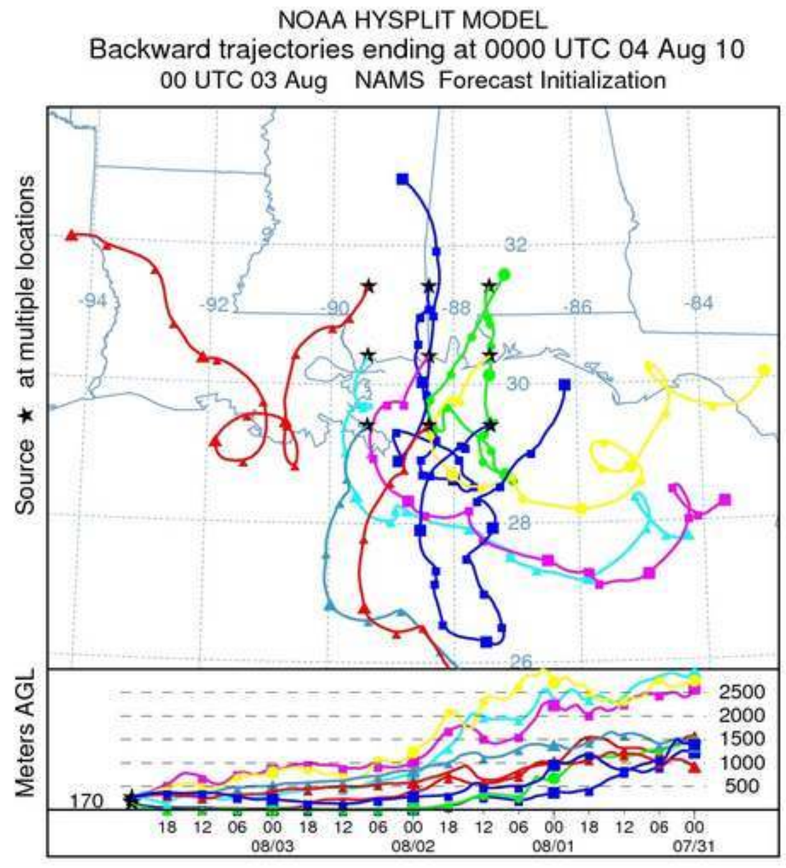

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

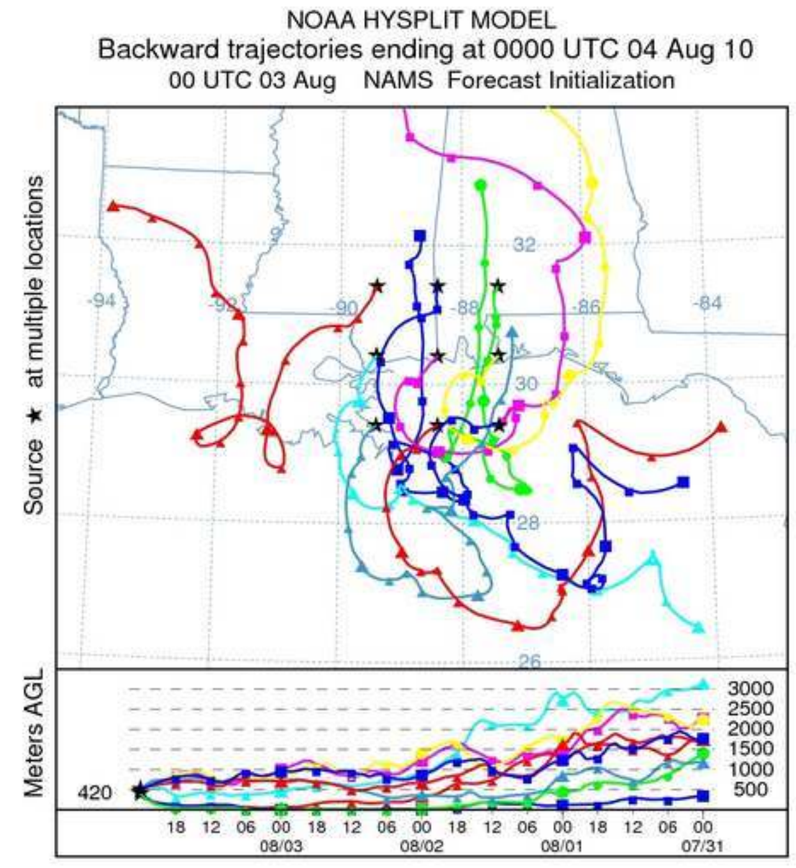

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
3000
2000
1000
08/03
08/02
08/01
07/31

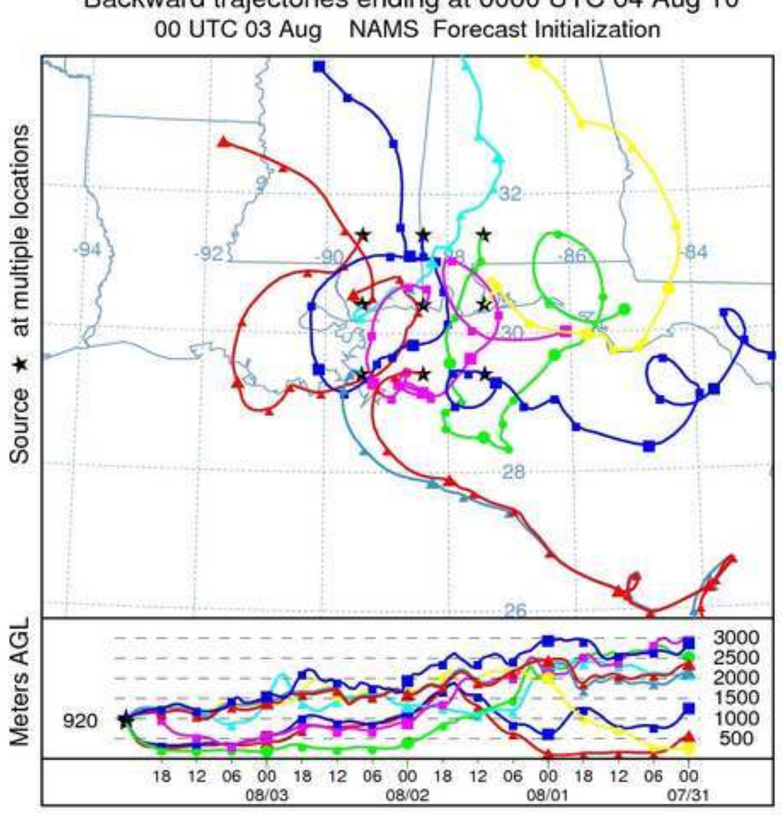

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
4000
3000
2000
1000
08/03
08/02
08/01
07/31

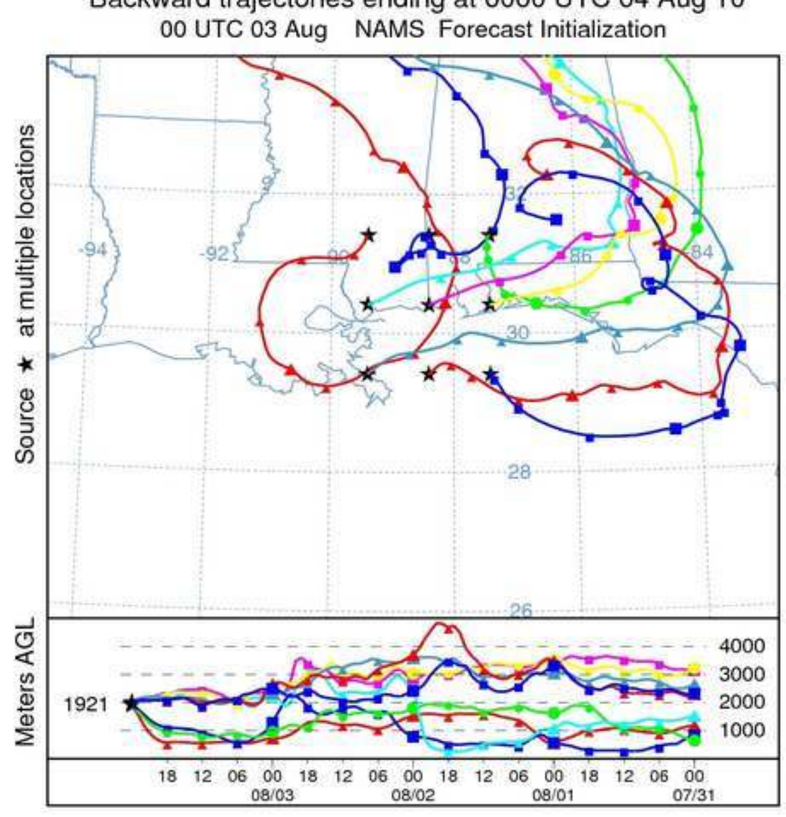

NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 03 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
6000
4500
3000
1500
08/03
08/02
08/01
07/31

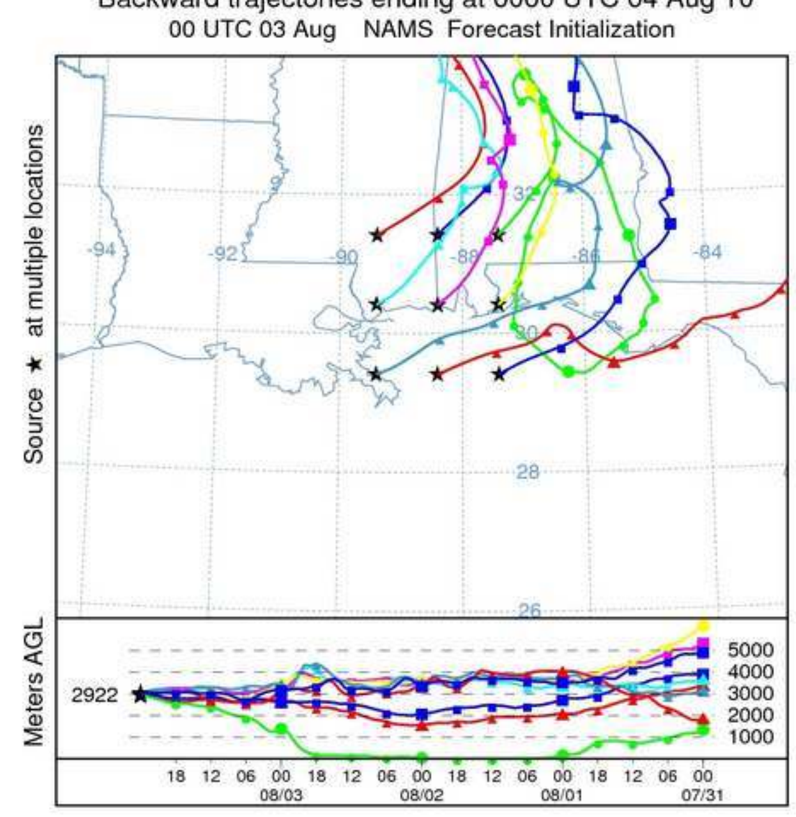

FORECAST for 2010_08_03, local hour = 19
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

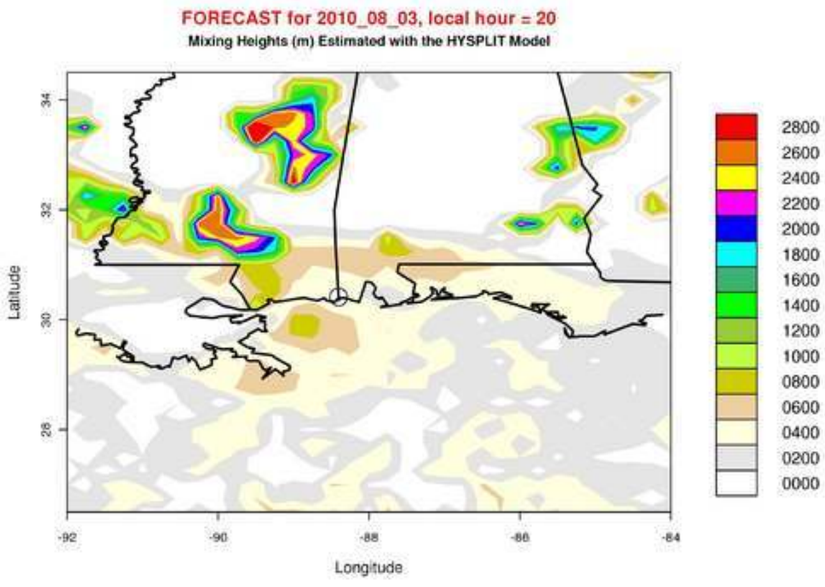

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 04 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

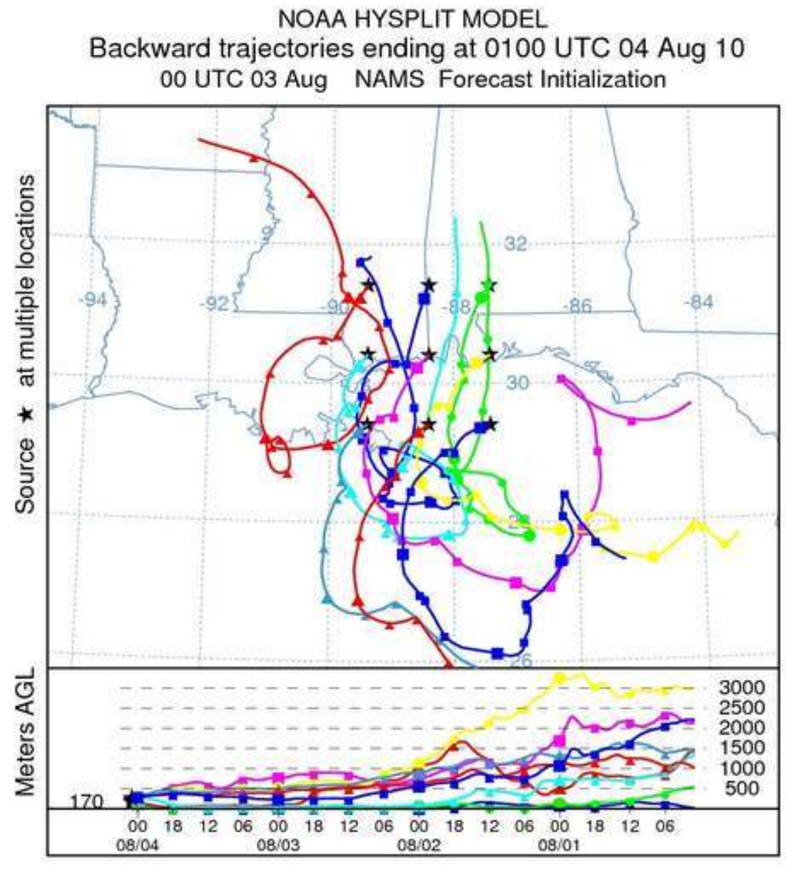

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 04 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

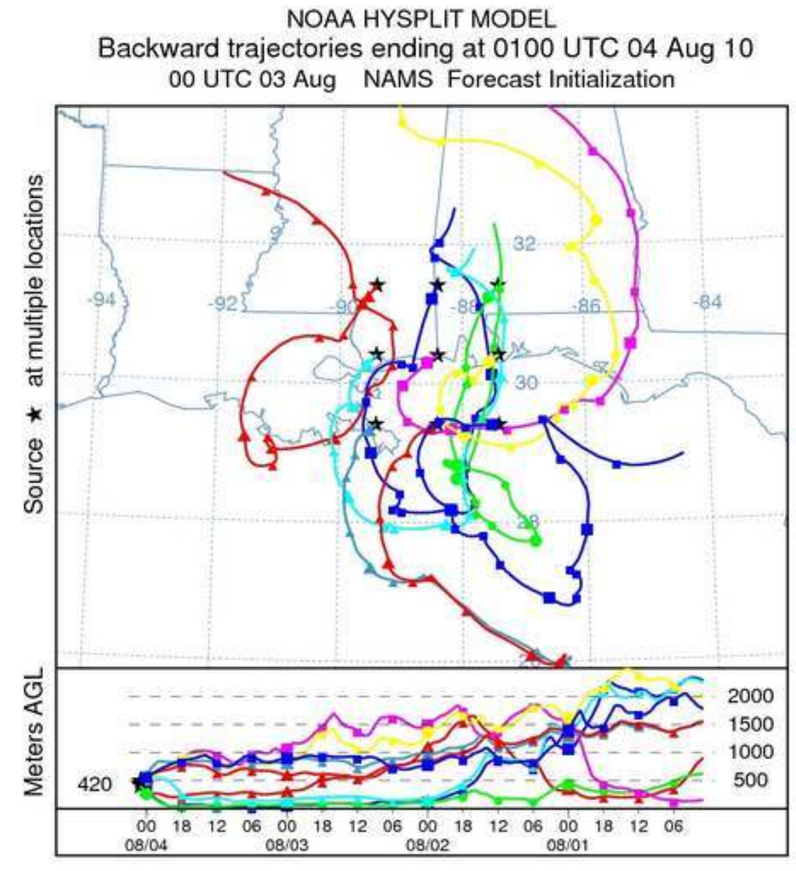

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 04 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
3000
2500
2000
1500
1000
500
08/03
08/02
08/01
07/31

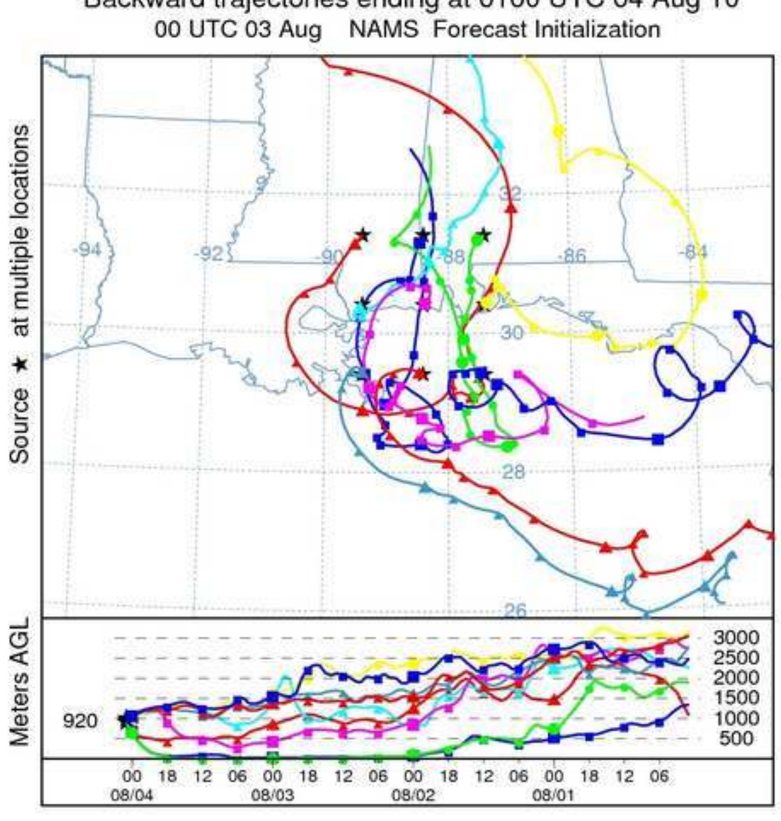

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 04 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
4000
3000
2000
1000
08/03
08/02
08/01
07/31

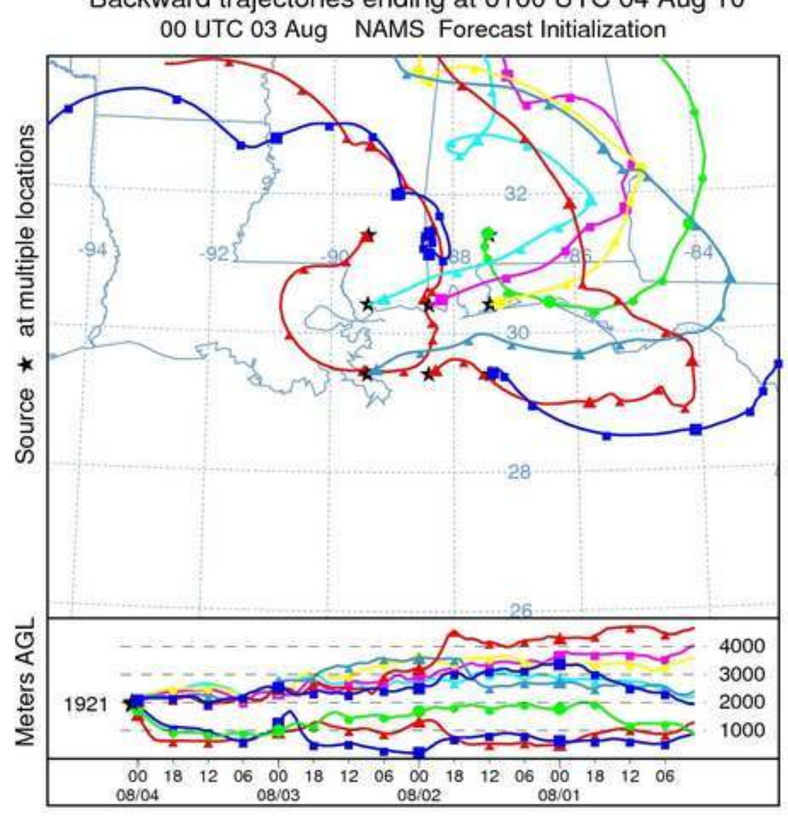

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 04 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
5000
4000
3000
2000
1000
08/03
08/02
08/01
07/31

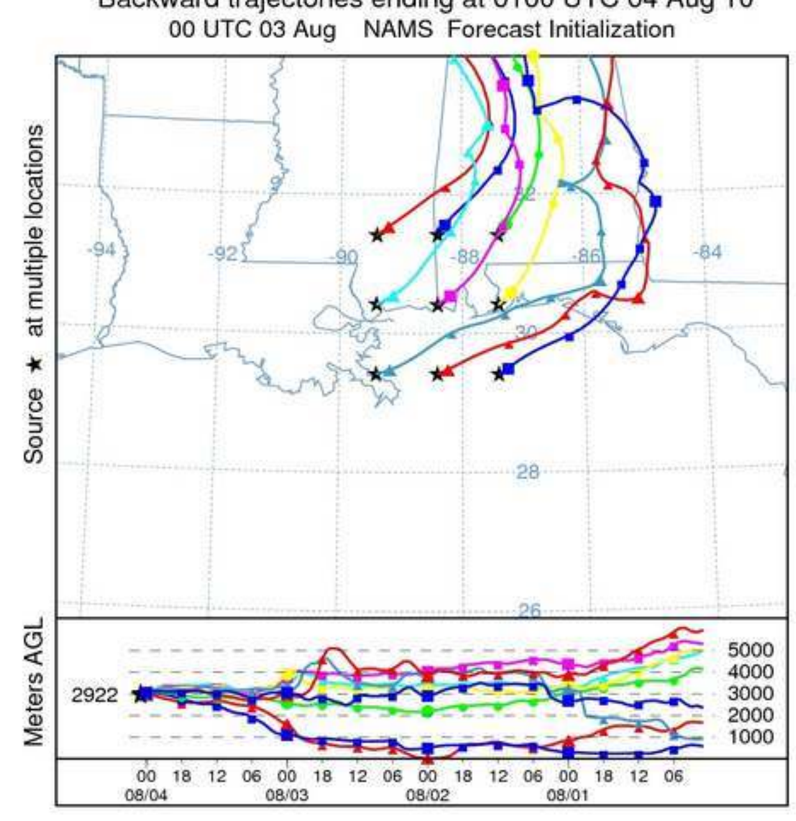

FORECAST for 2010_08_03, local hour = 20
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 04 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
170
3000
2500
2000
1500
1000
500
08/04
08/03
08/02
08/01

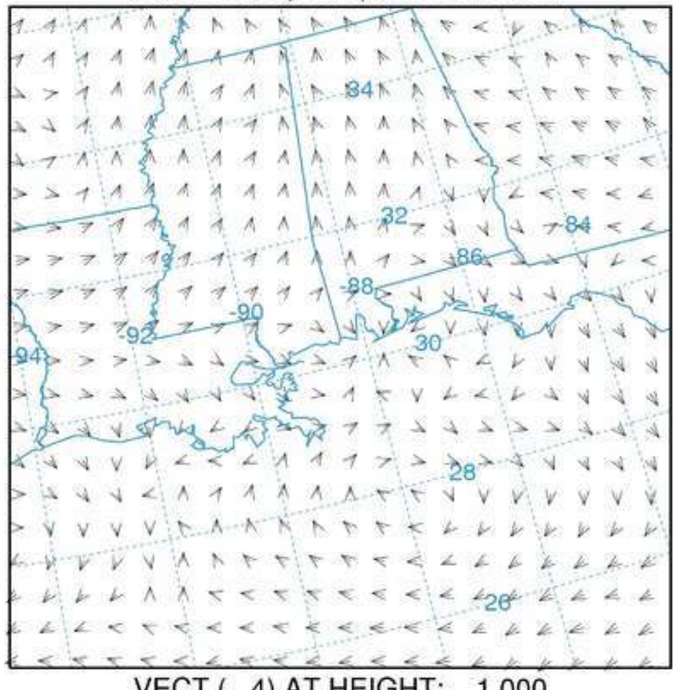

NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 04 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
420
2000
1500
1000
500
08/04
08/03
08/02
08/01


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 04 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
920
3000
2500
2000
1500
1000
500
08/04
08/03
08/02
08/01


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 04 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
1921
4000
3000
2000
1000
08/04
08/03
08/02
08/01


NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 04 Aug 10
00 UTC 03 Aug NAMS Forecast Initialization
Source ★ at multiple locations
Meters AGL
2922
5000
4000
3000
2000
1000
08/04
08/03
08/02
08/01

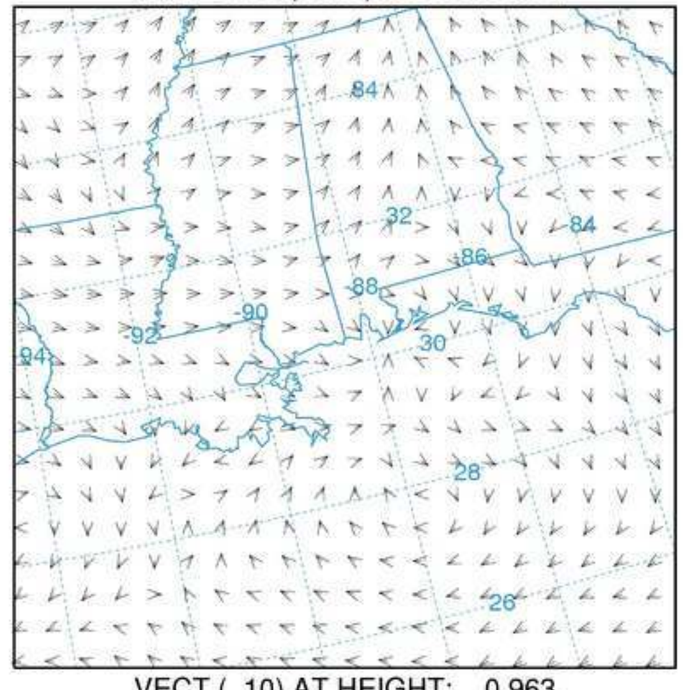
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/14



VECT (4) AT HEIGHT: 1.000

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

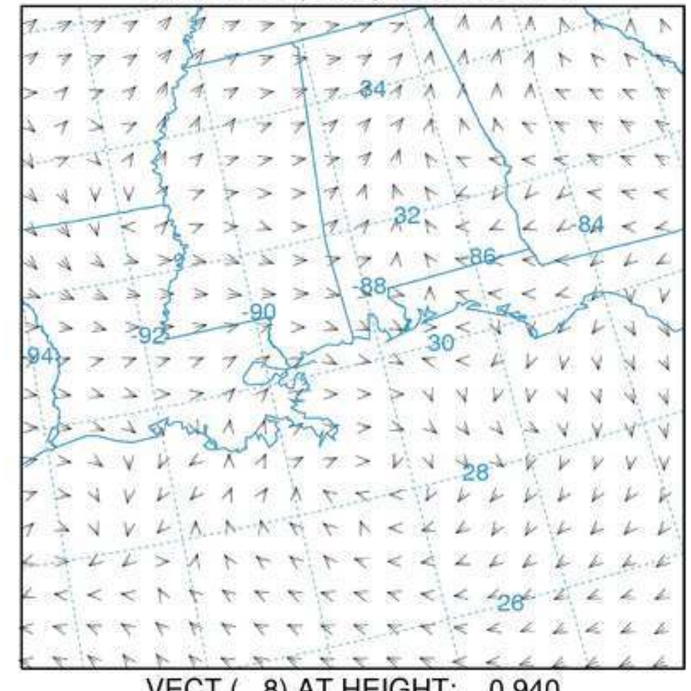
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/14



VECT (10) AT HEIGHT: 0.963

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

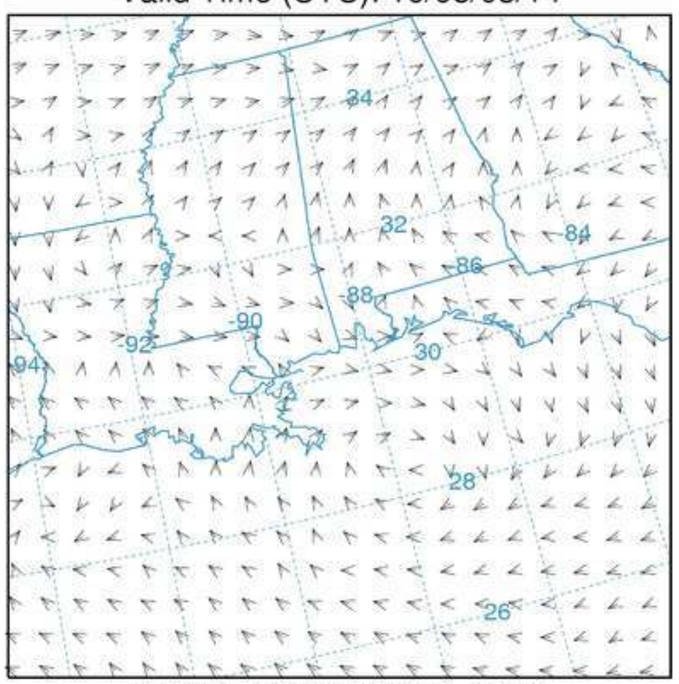
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/14



VECT (8) AT HEIGHT: 0.940

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

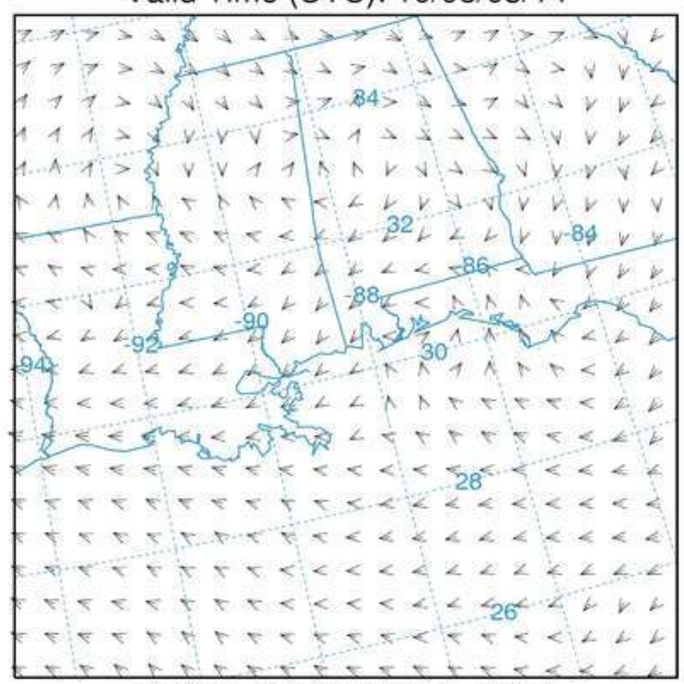
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/14



VECT (7) AT HEIGHT: 0.904

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

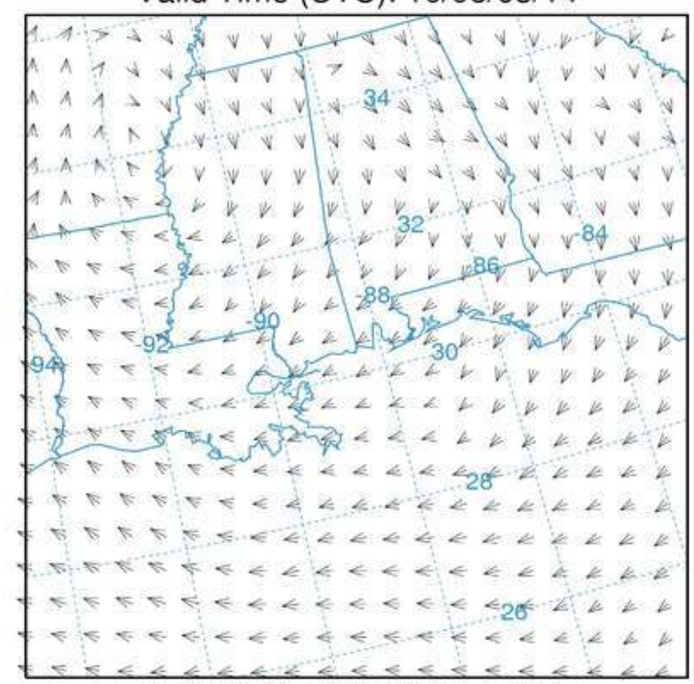
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/14



VECT (9) AT HEIGHT: 0.826

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

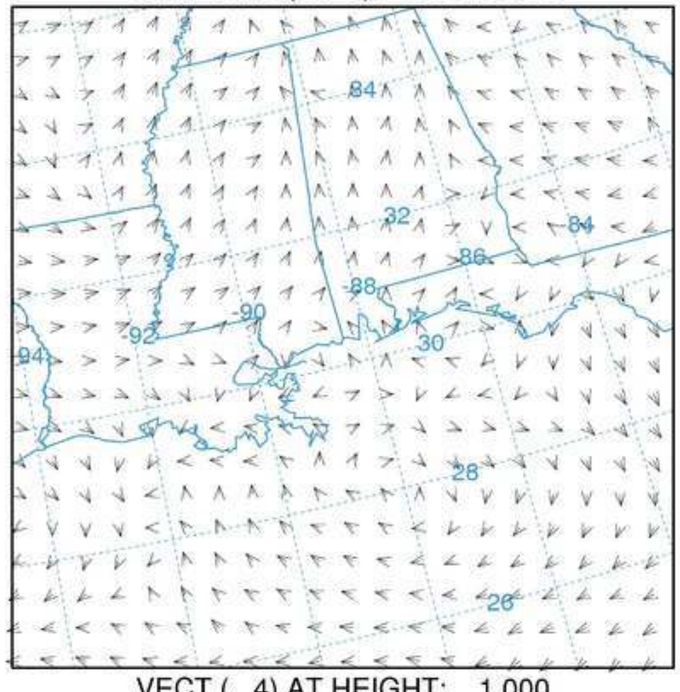
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/14



VECT (6) AT HEIGHT: 0.718

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

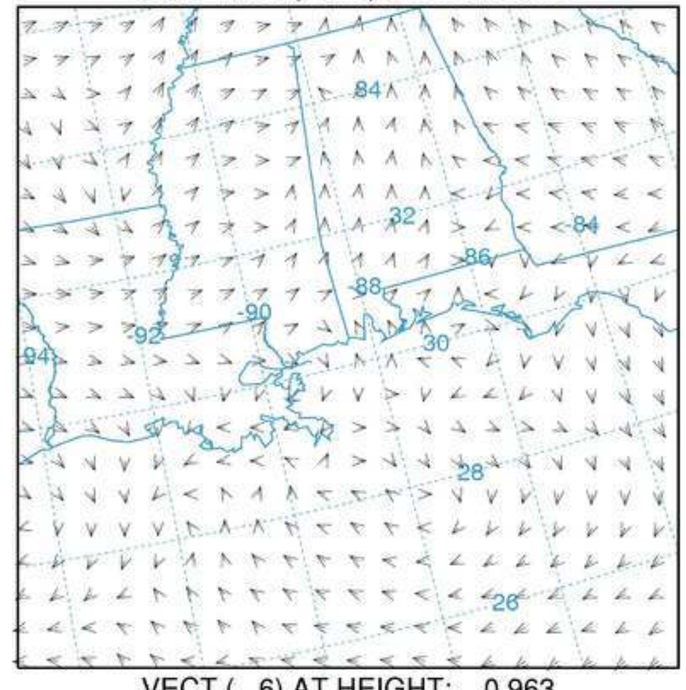
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/15



VECT (4) AT HEIGHT: 1.000

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

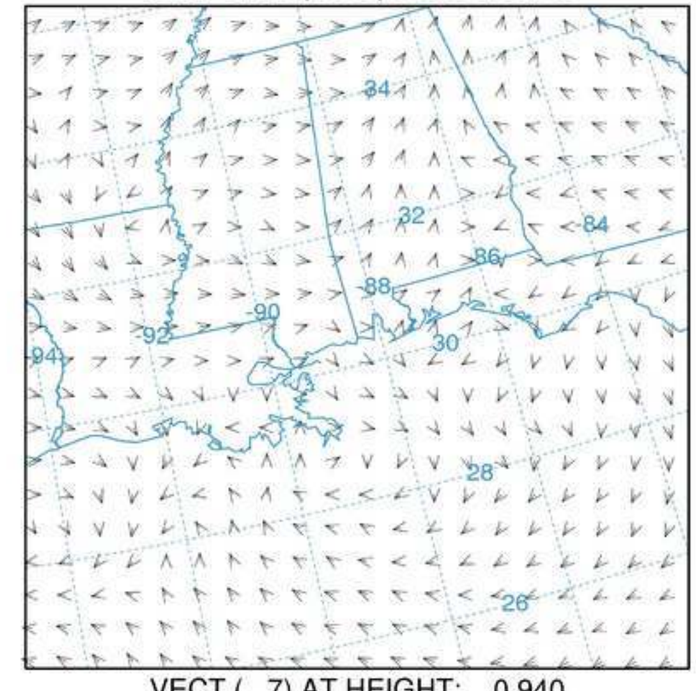
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/15



VECT (6) AT HEIGHT: 0.963

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

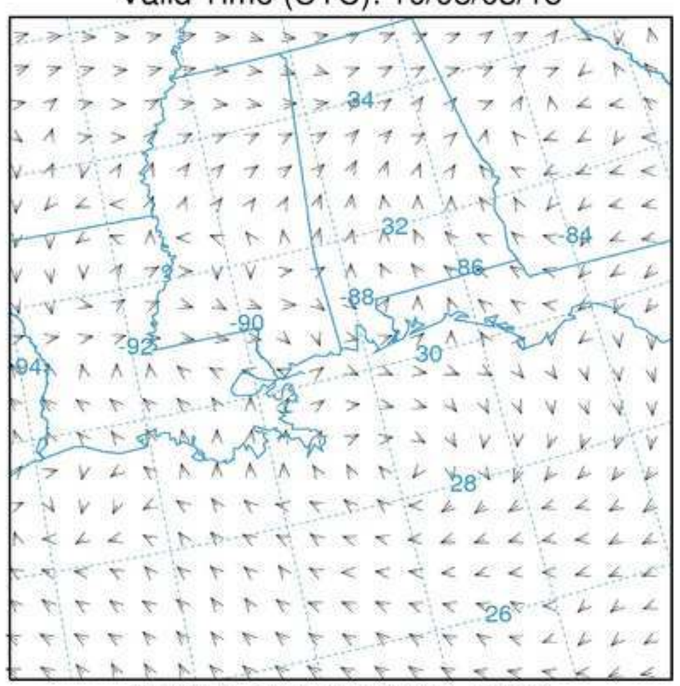
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/15



VECT (7) AT HEIGHT: 0.940

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

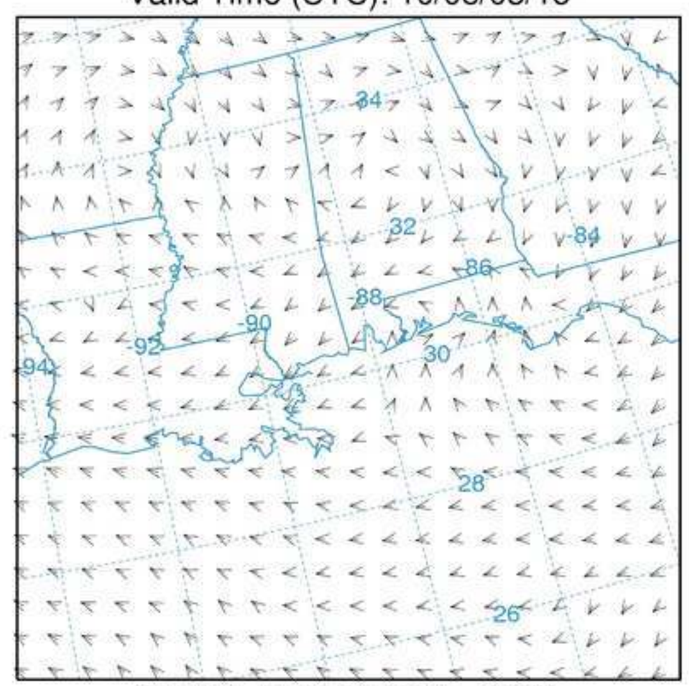
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/15



VECT (6) AT HEIGHT: 0.904

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

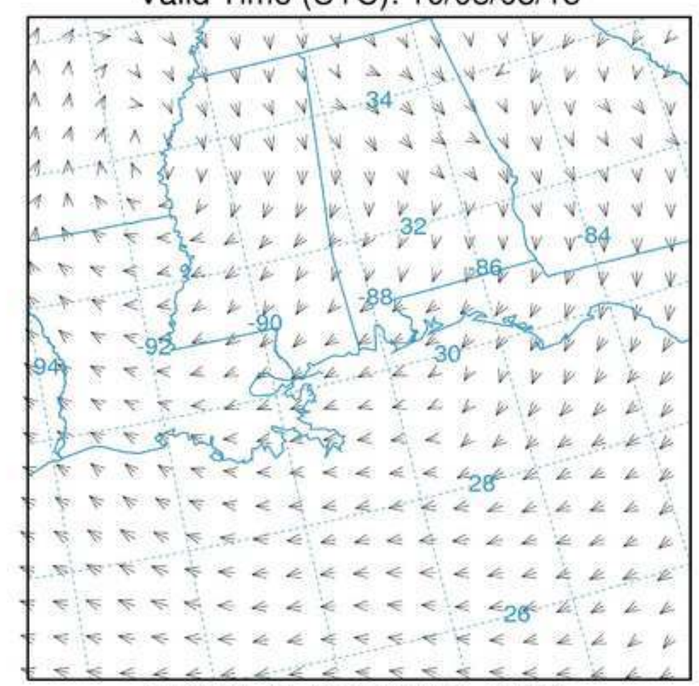
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/15



VECT (9) AT HEIGHT: 0.826

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

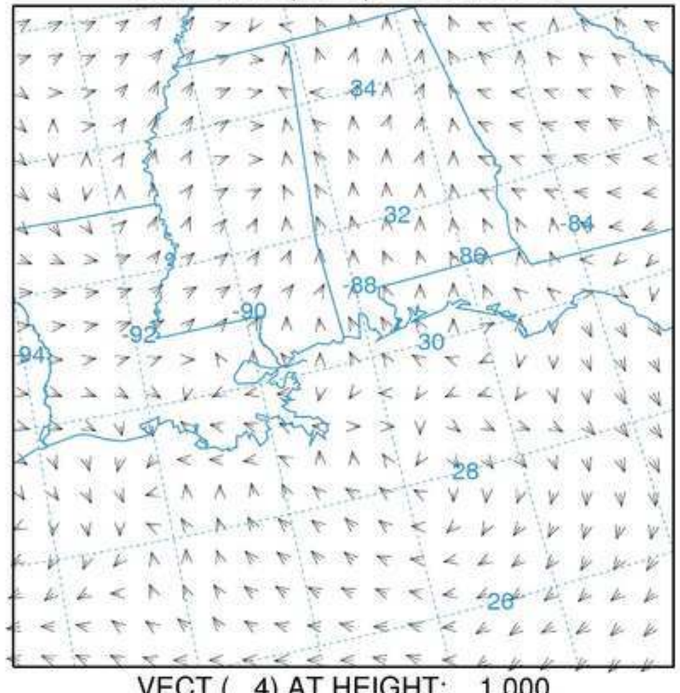
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/15



VECT (6) AT HEIGHT: 0.718

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

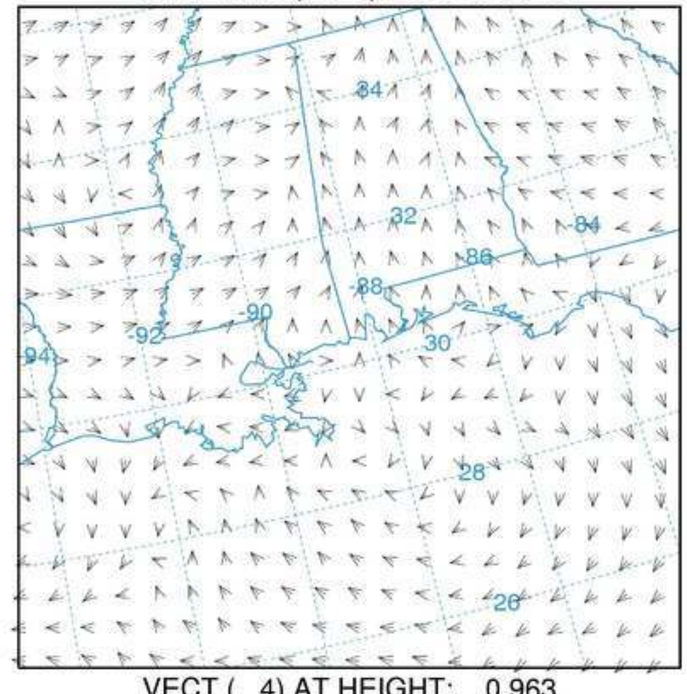
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/16



VECT (4) AT HEIGHT: 1.000

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

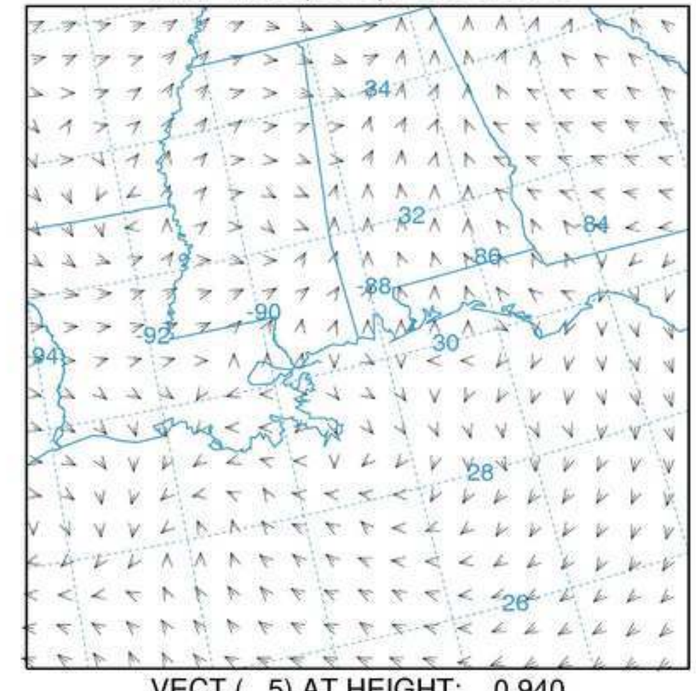
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/16



VECT (4) AT HEIGHT: 0.963

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

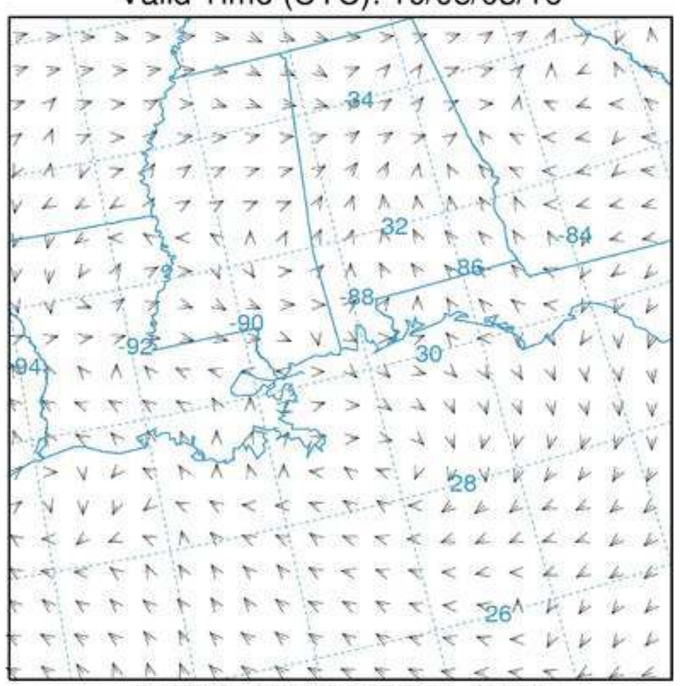
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/16



VECT (5) AT HEIGHT: 0.940

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

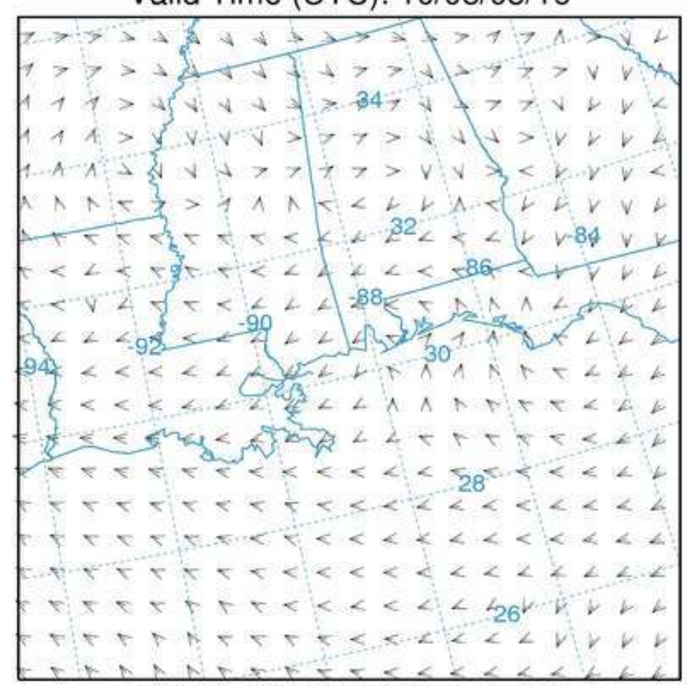
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/16



VECT (6) AT HEIGHT: 0.904

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

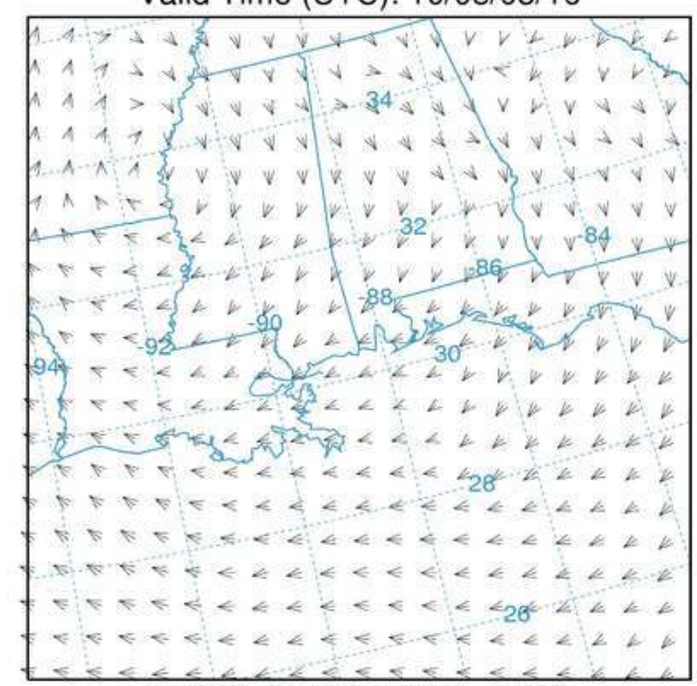
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/16



VECT (10) AT HEIGHT: 0.826

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

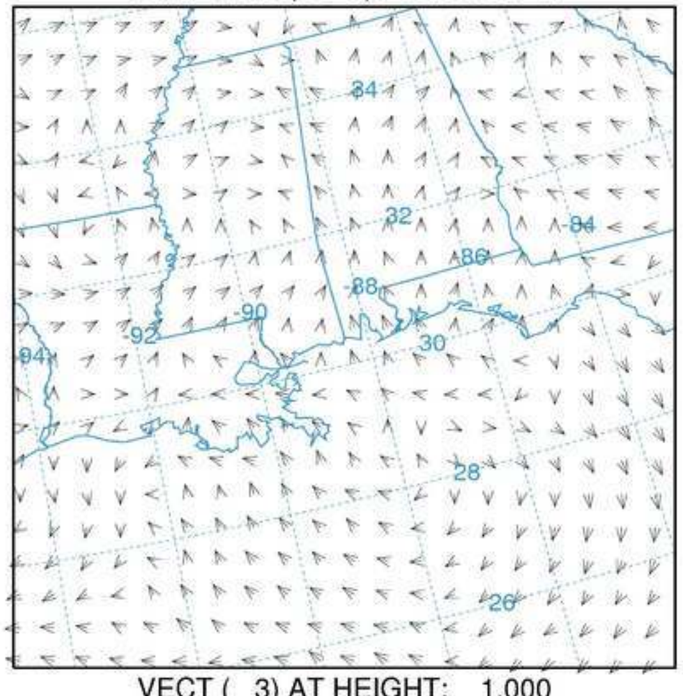
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/16



VECT (6) AT HEIGHT: 0.718

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

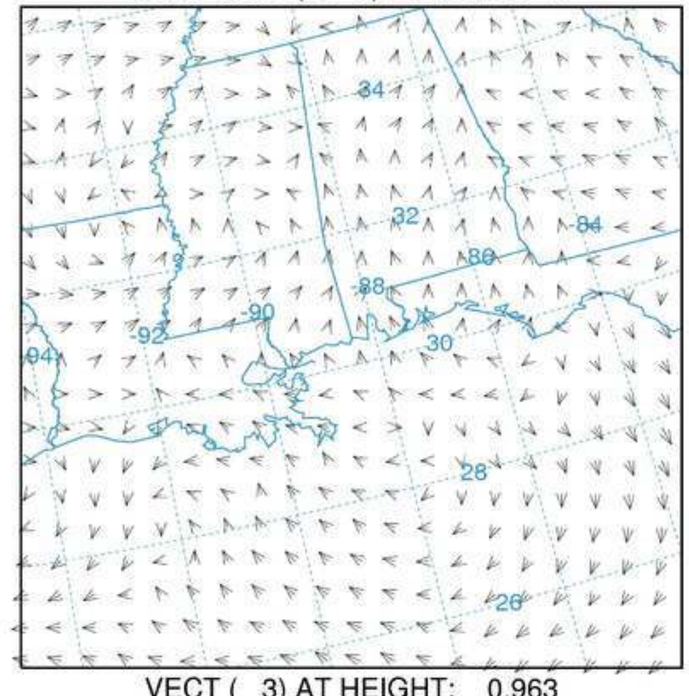
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/17



VECT (3) AT HEIGHT: 1.000

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

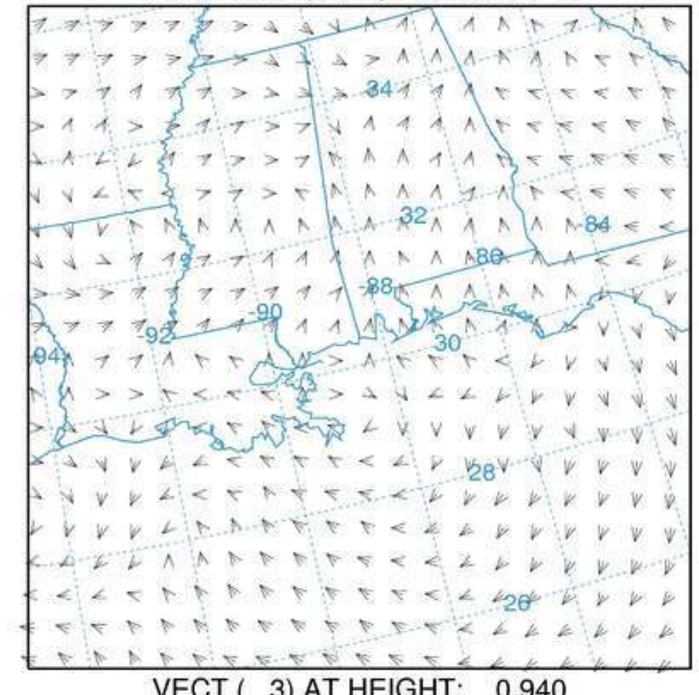
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/17



VECT (3) AT HEIGHT: 0.963

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

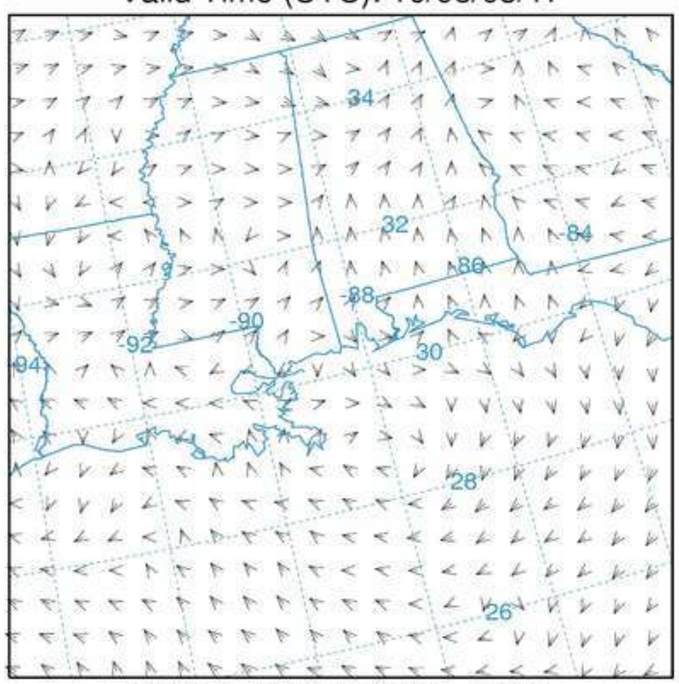
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/17



VECT (3) AT HEIGHT: 0.940

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

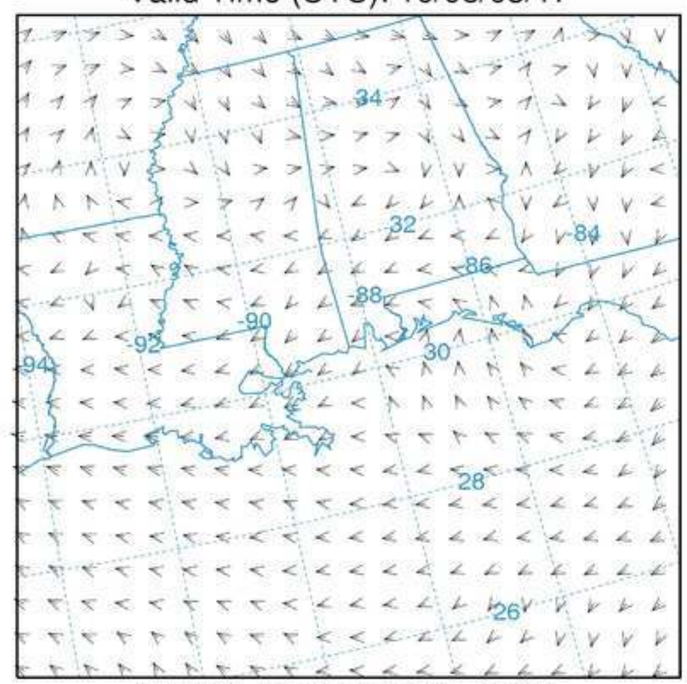
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/17



VECT (6) AT HEIGHT: 0.904

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

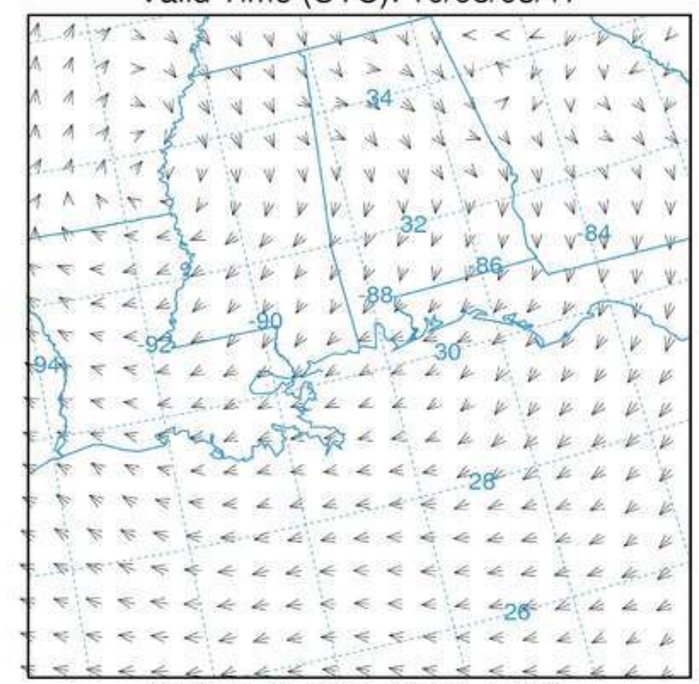
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/17



VECT (9) AT HEIGHT: 0.826

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

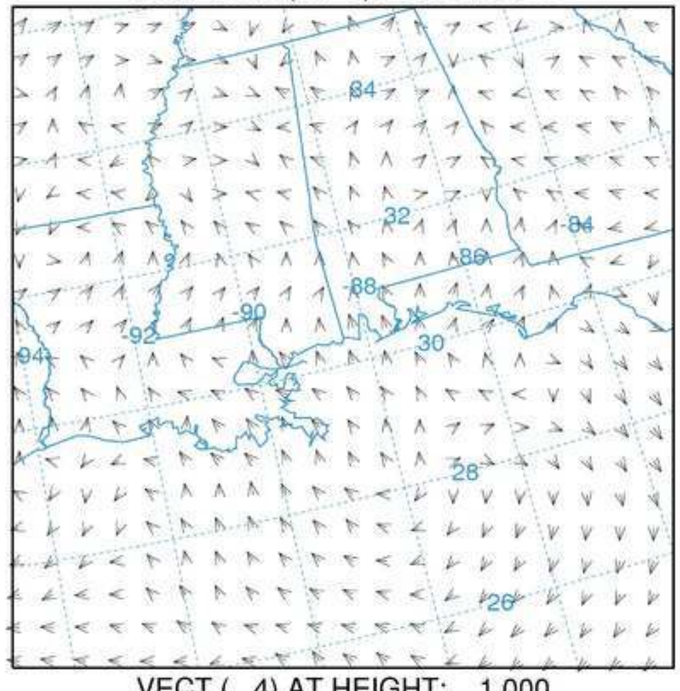
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/17



VECT (5) AT HEIGHT: 0.718

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

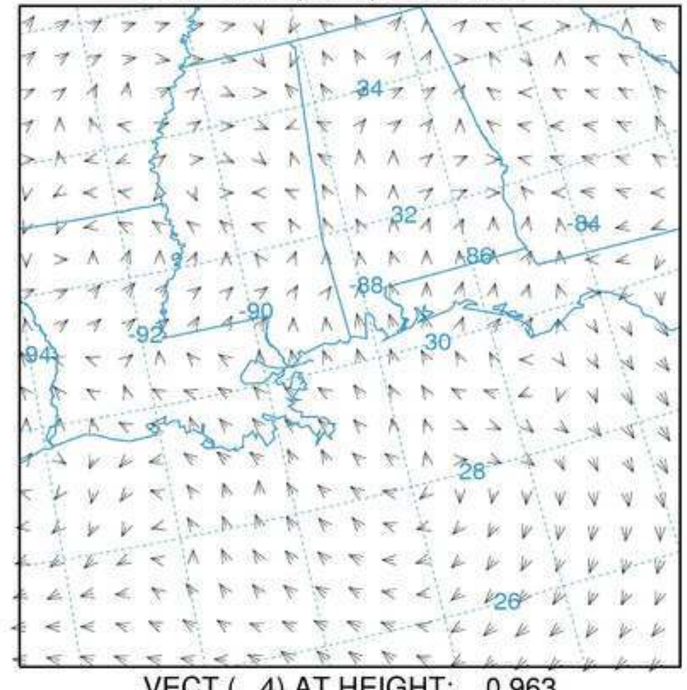
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/18



VECT (4) AT HEIGHT: 1.000

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

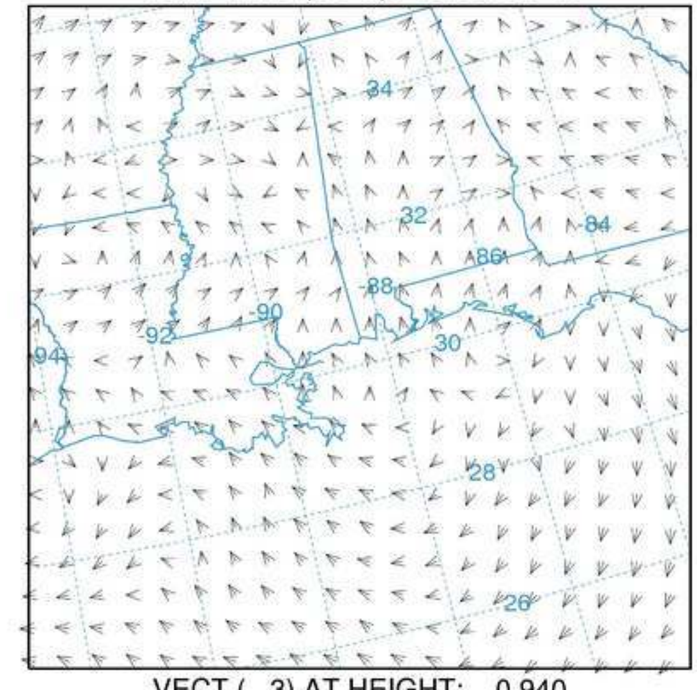
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/18



VECT (4) AT HEIGHT: 0.963

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

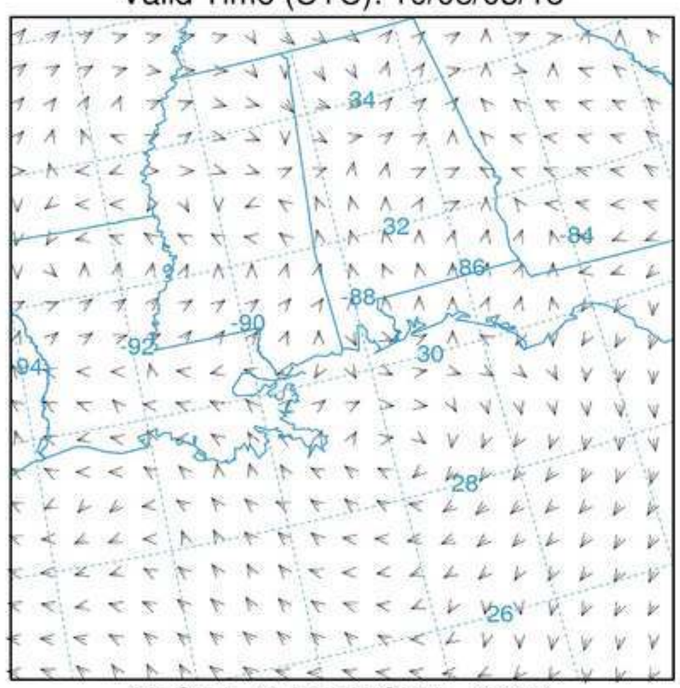
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/18



VECT (3) AT HEIGHT: 0.940

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

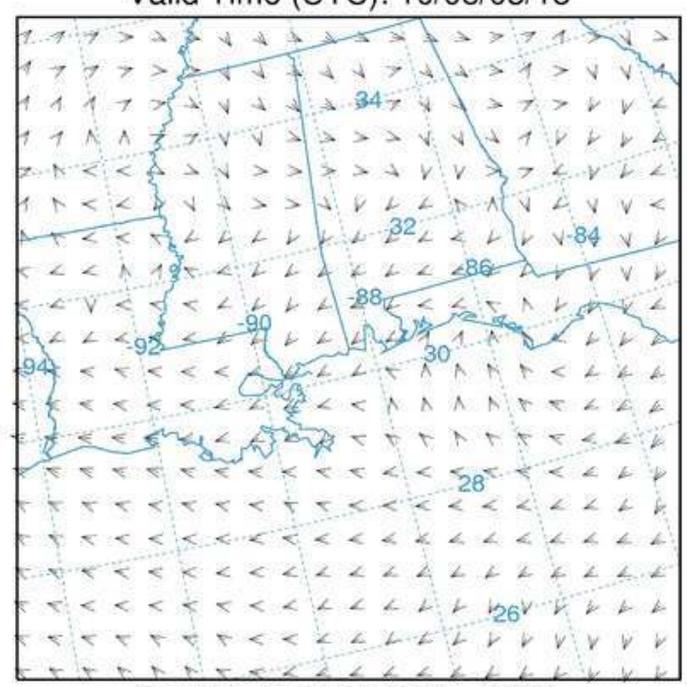
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/18



VECT (5) AT HEIGHT: 0.904

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

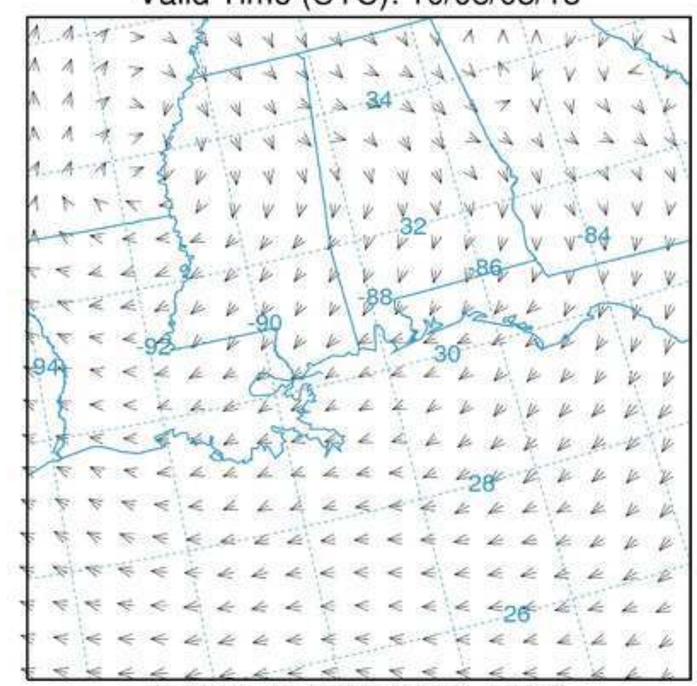
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/18



VECT (9) AT HEIGHT: 0.826

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

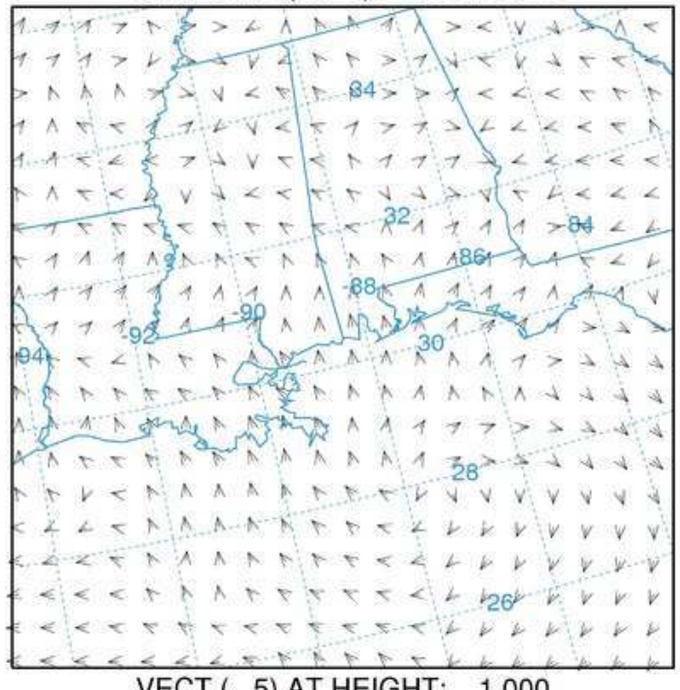
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/18



VECT (6) AT HEIGHT: 0.718

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

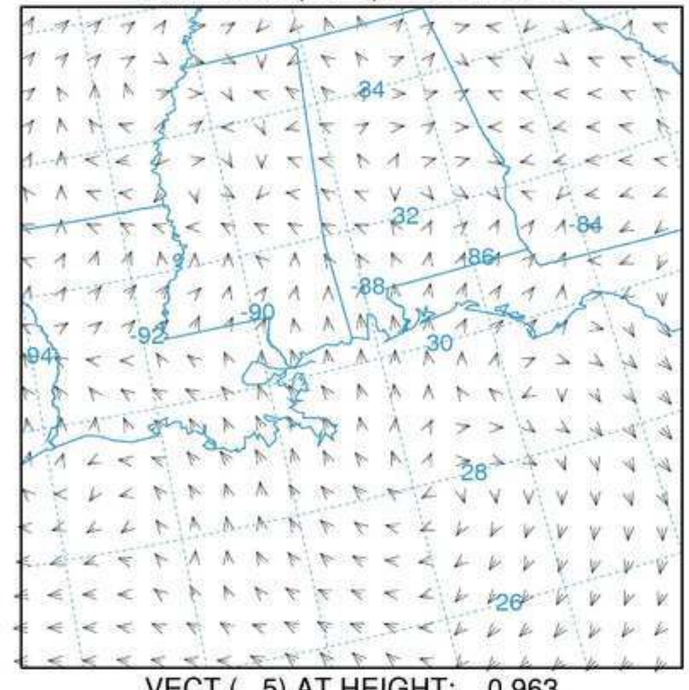
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/19



VECT (5) AT HEIGHT: 1.000

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

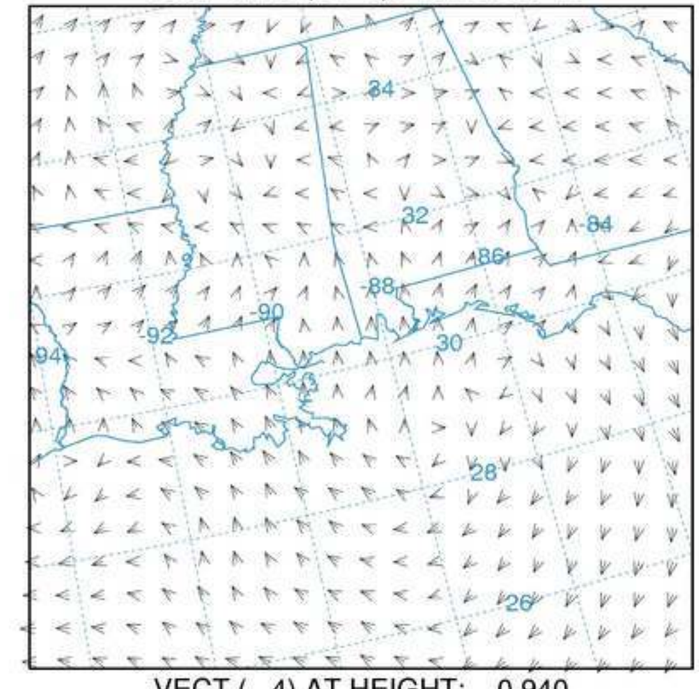
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/19



VECT (5) AT HEIGHT: 0.963

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

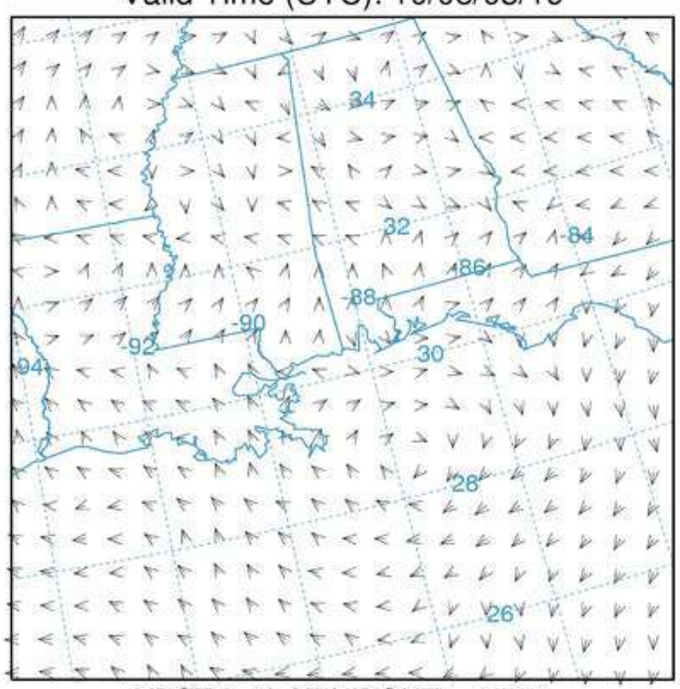
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/19



VECT (4) AT HEIGHT: 0.940

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

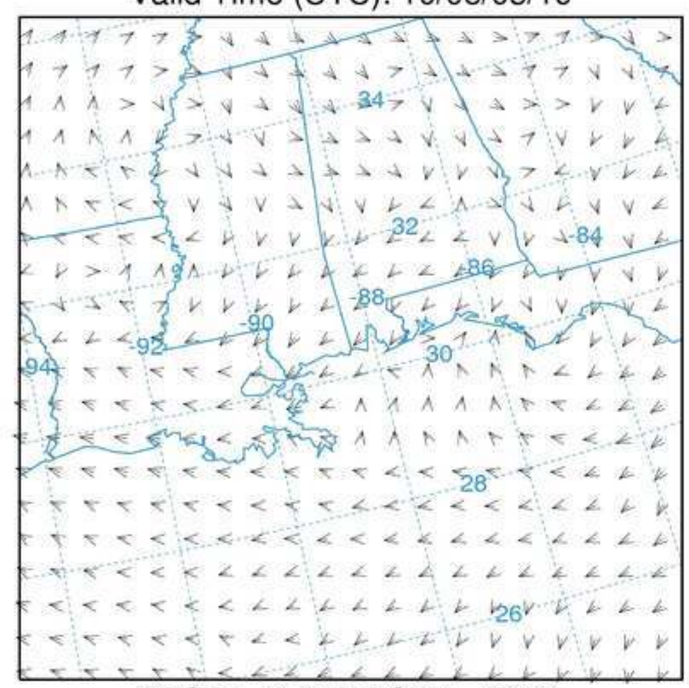
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/19



VECT (4) AT HEIGHT: 0.904

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

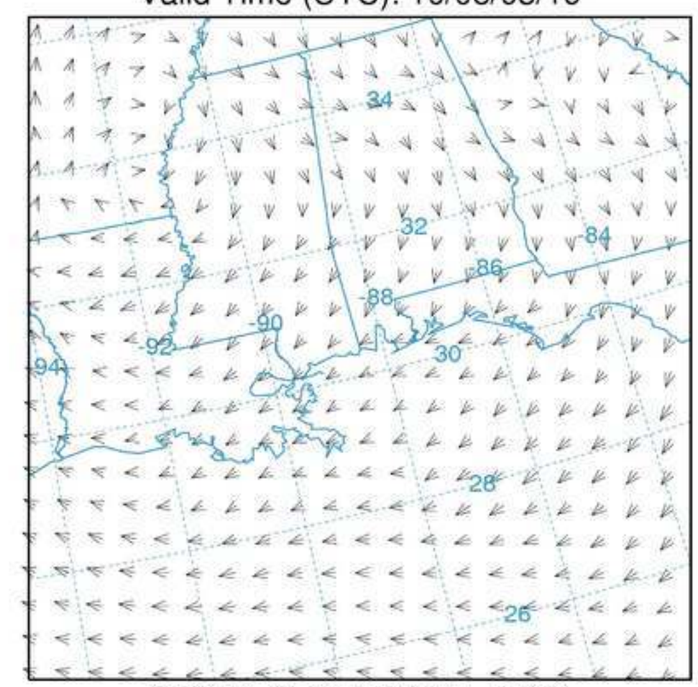
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/19



VECT (8) AT HEIGHT: 0.826

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

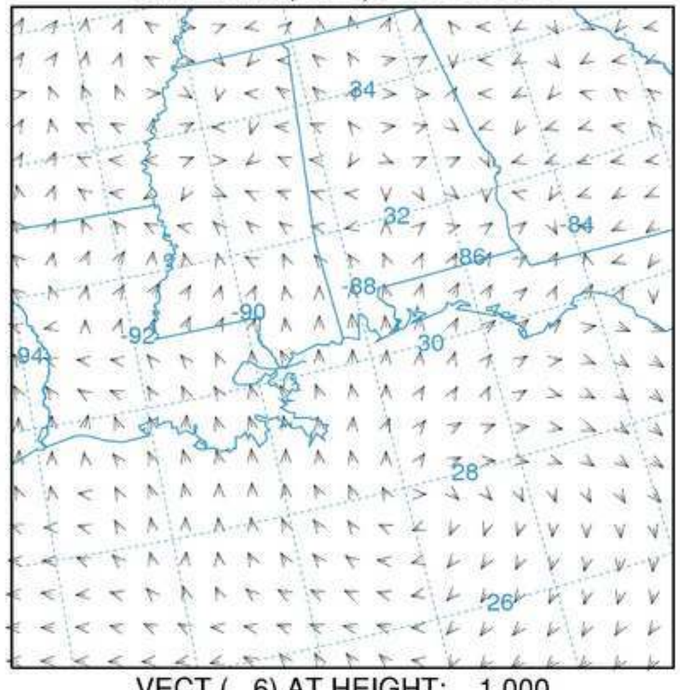
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/19



VECT (6) AT HEIGHT: 0.718

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

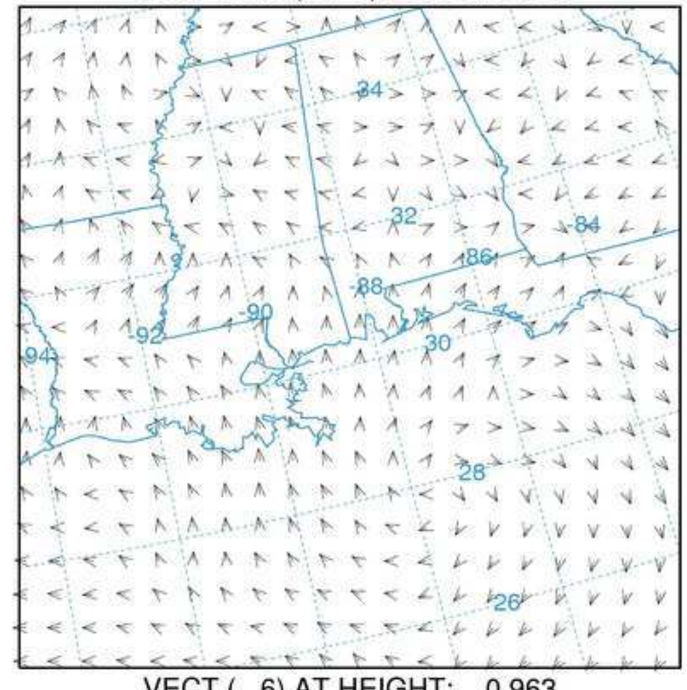
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/20



VECT (6) AT HEIGHT: 1.000

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

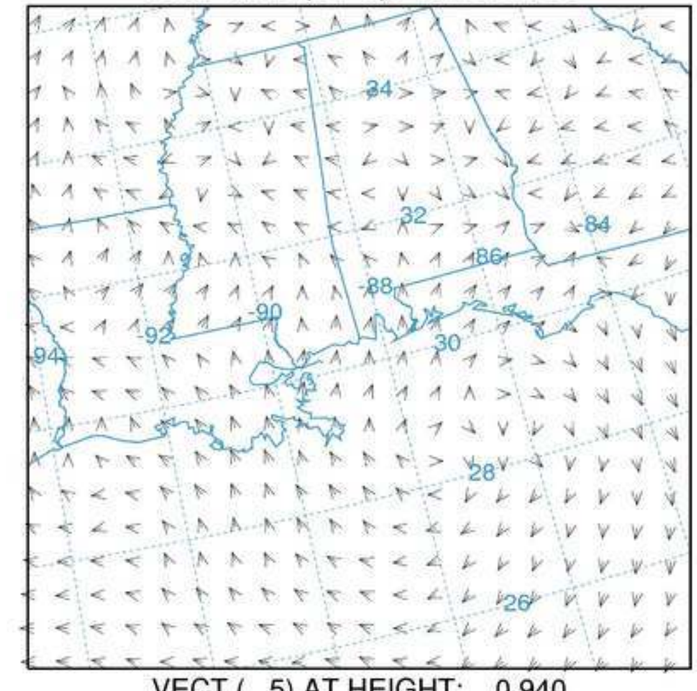
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/20



VECT (6) AT HEIGHT: 0.963

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

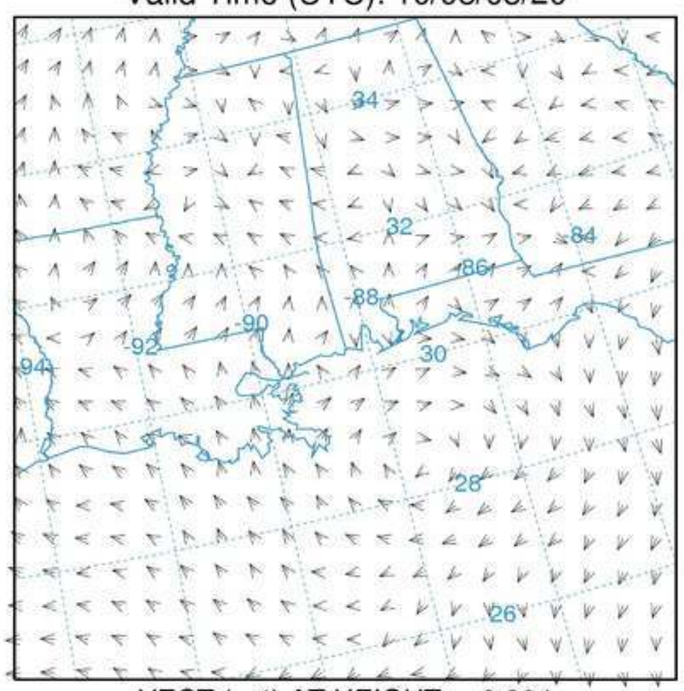
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/20



VECT (5) AT HEIGHT: 0.940

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

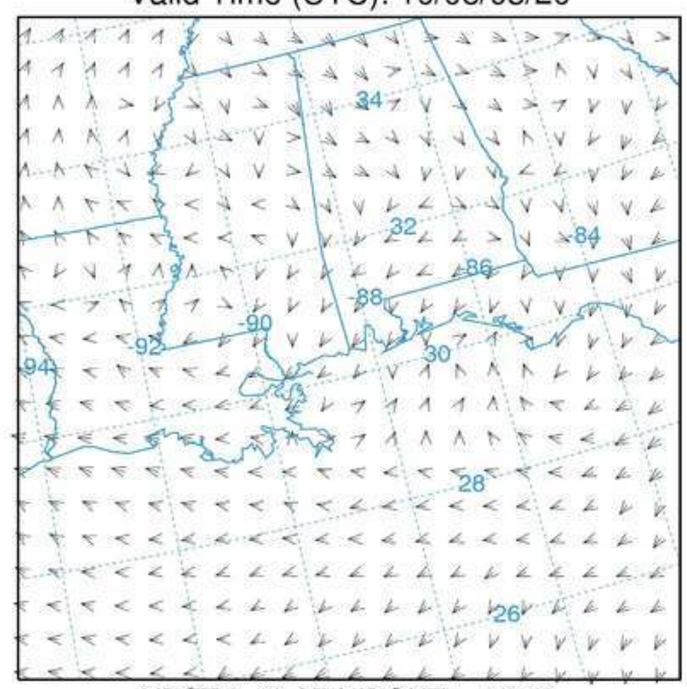
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/20



VECT (4) AT HEIGHT: 0.904

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

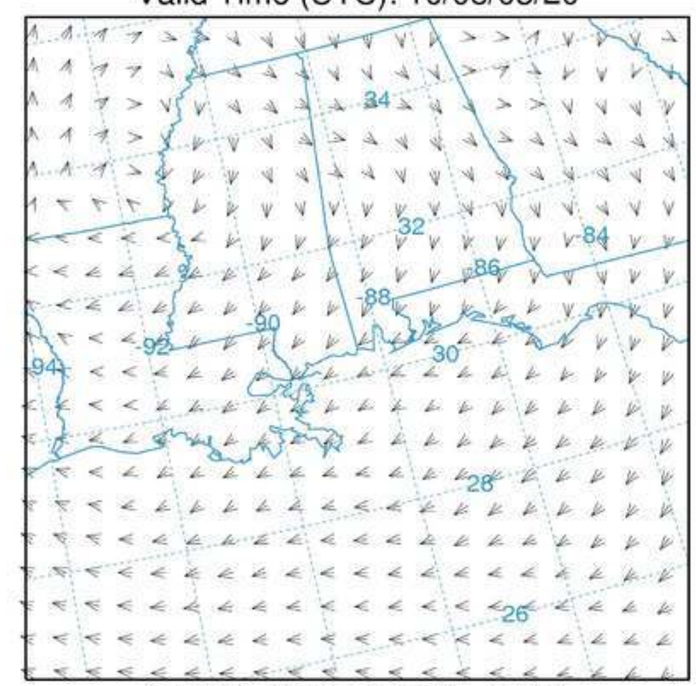
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/20



VECT (6) AT HEIGHT: 0.826

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

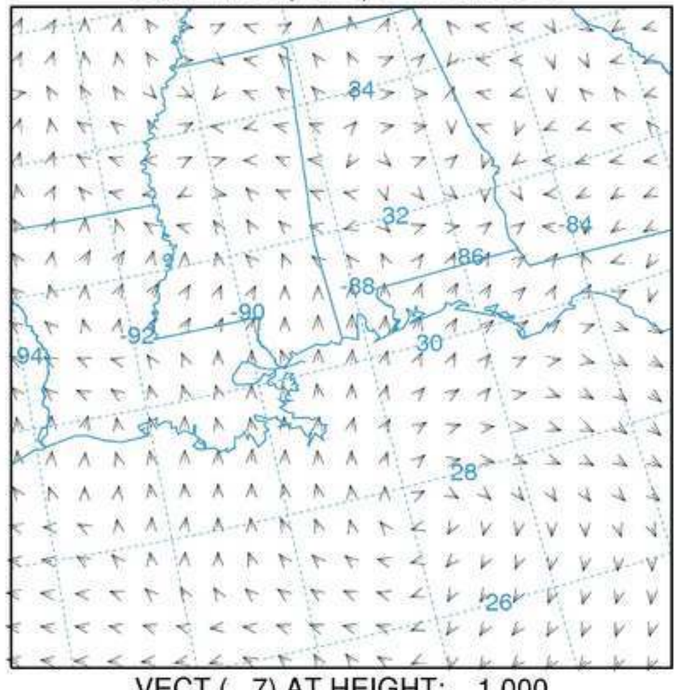
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/20



VECT (7) AT HEIGHT: 0.718

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

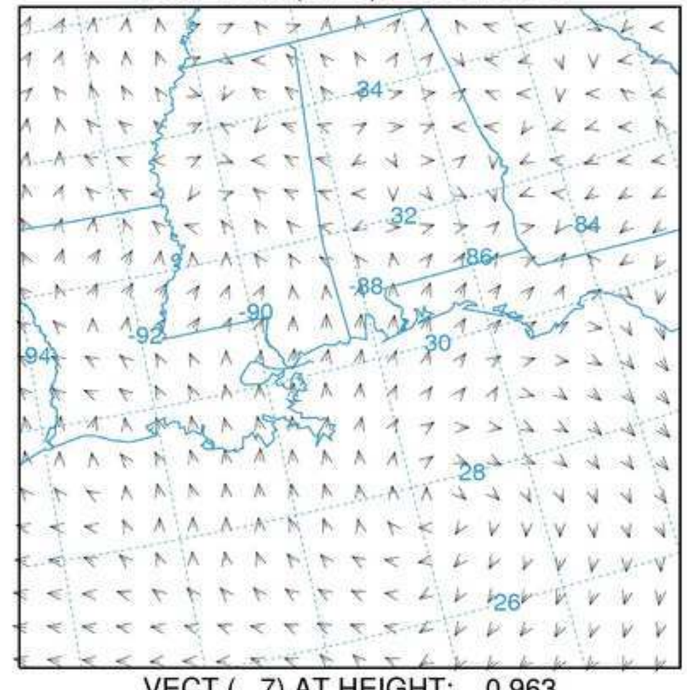
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/21



VECT (7) AT HEIGHT: 1.000

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

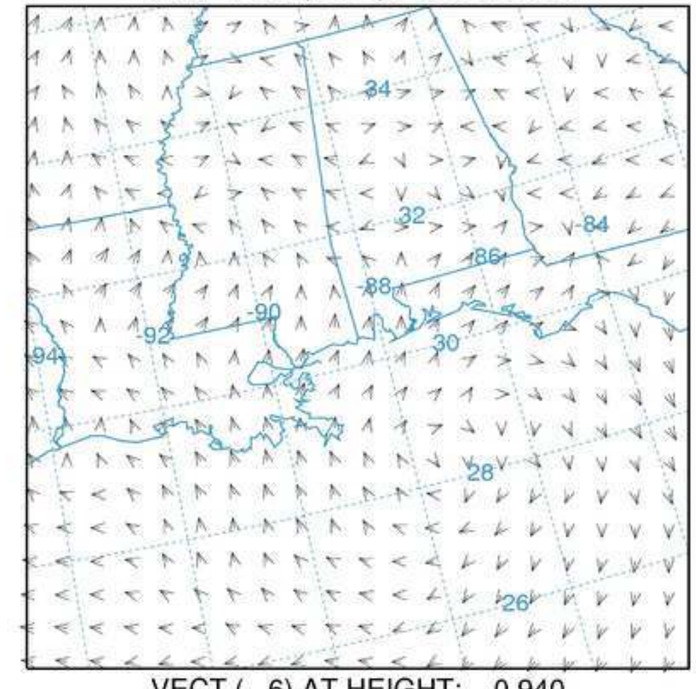
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/21



VECT (7) AT HEIGHT: 0.963

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

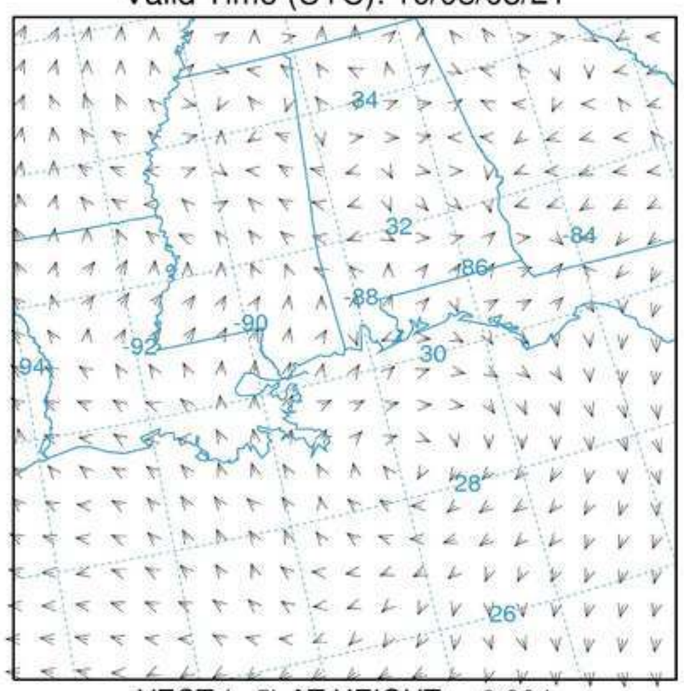
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/21



VECT (6) AT HEIGHT: 0.940

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

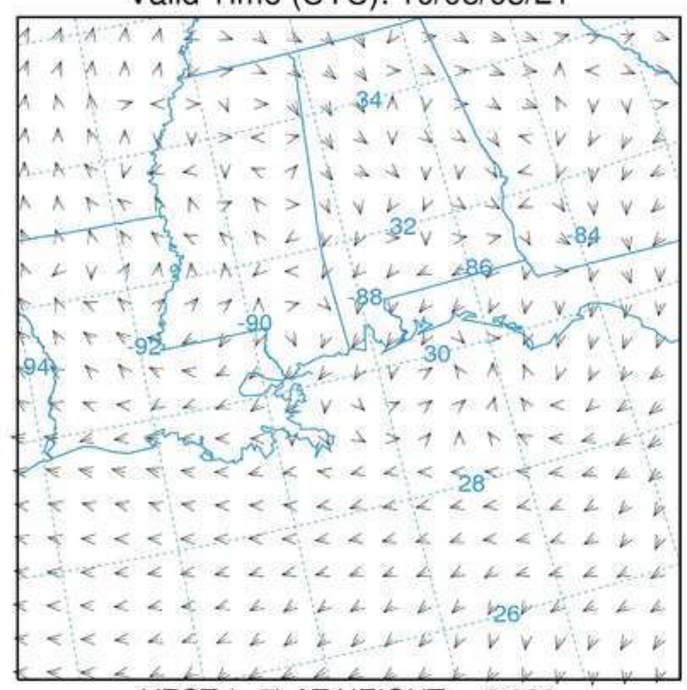
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/21



VECT (5) AT HEIGHT: 0.904

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

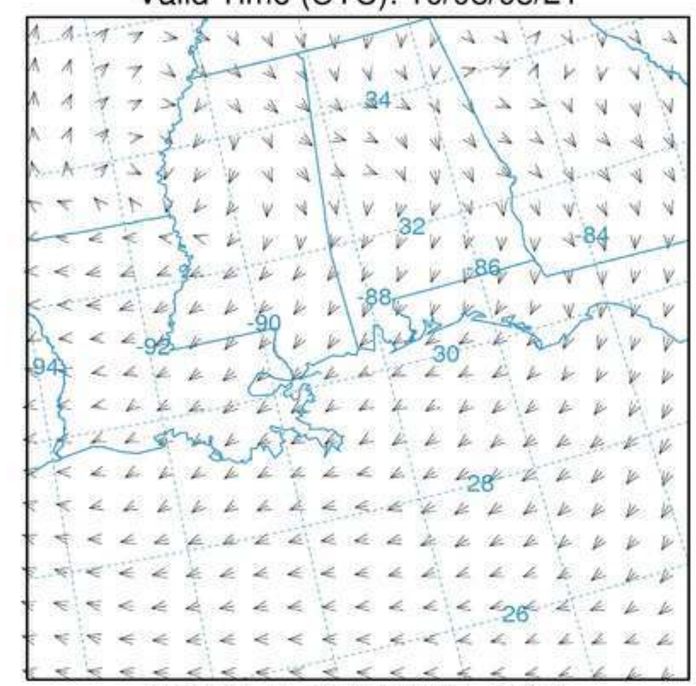
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/21



VECT (7) AT HEIGHT: 0.826

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

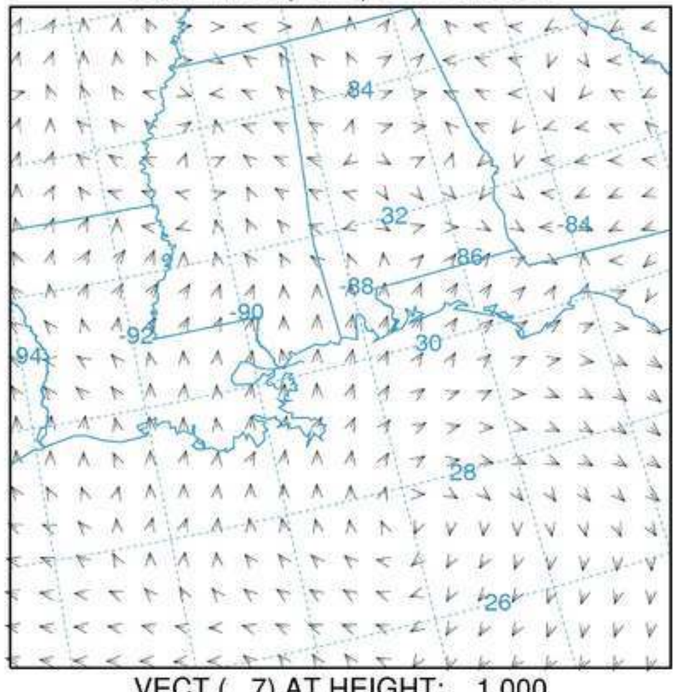
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/21



VECT (7) AT HEIGHT: 0.718

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

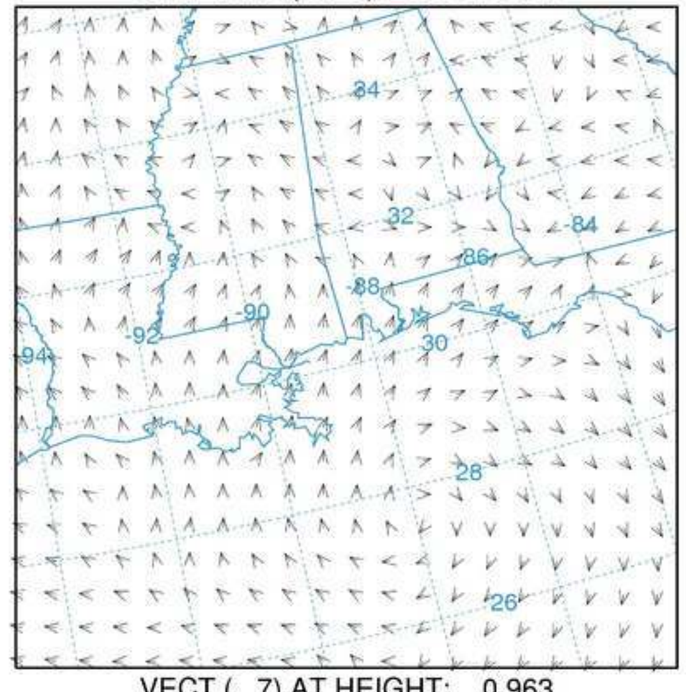
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/22



VECT (7) AT HEIGHT: 1.000

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

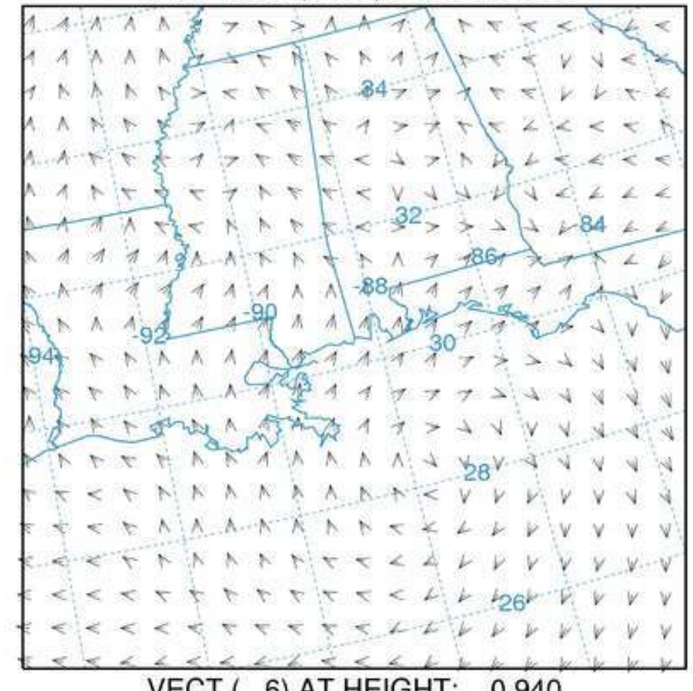
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/22



VECT (7) AT HEIGHT: 0.963

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

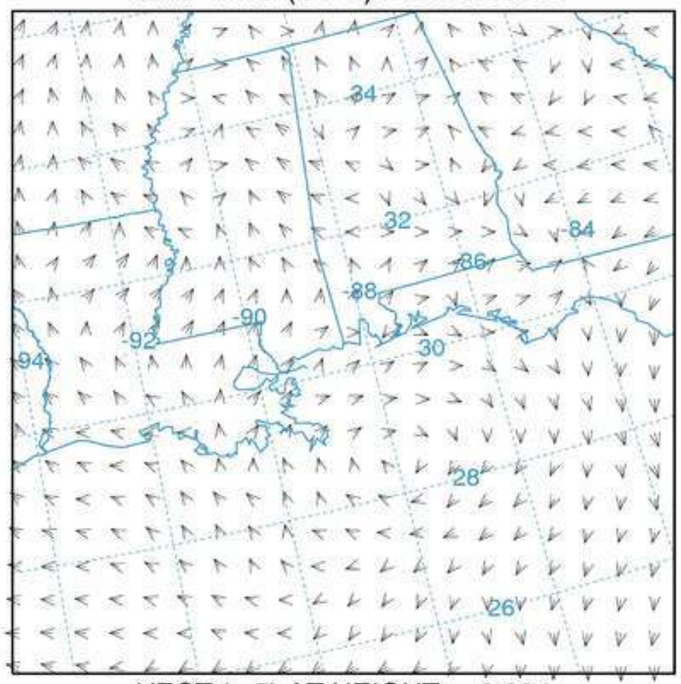
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/22



VECT (6) AT HEIGHT: 0.940

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

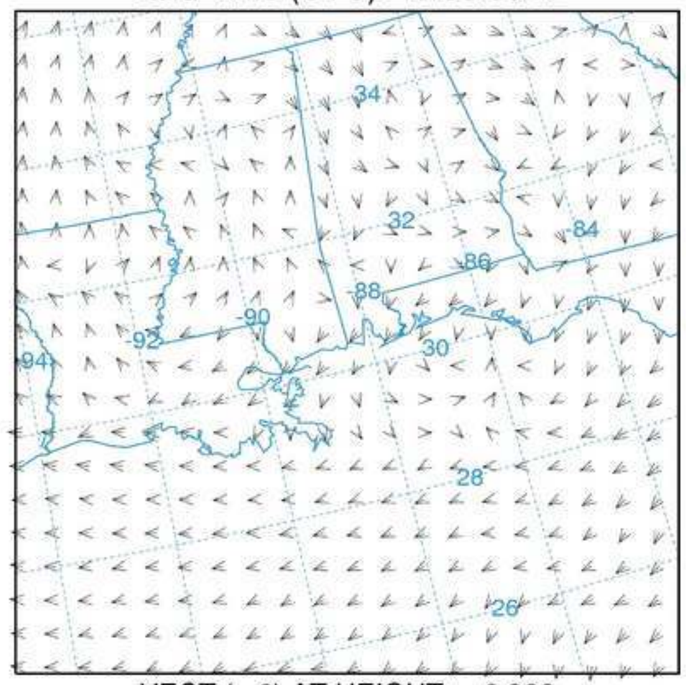
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/22



VECT (5) AT HEIGHT: 0.904

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

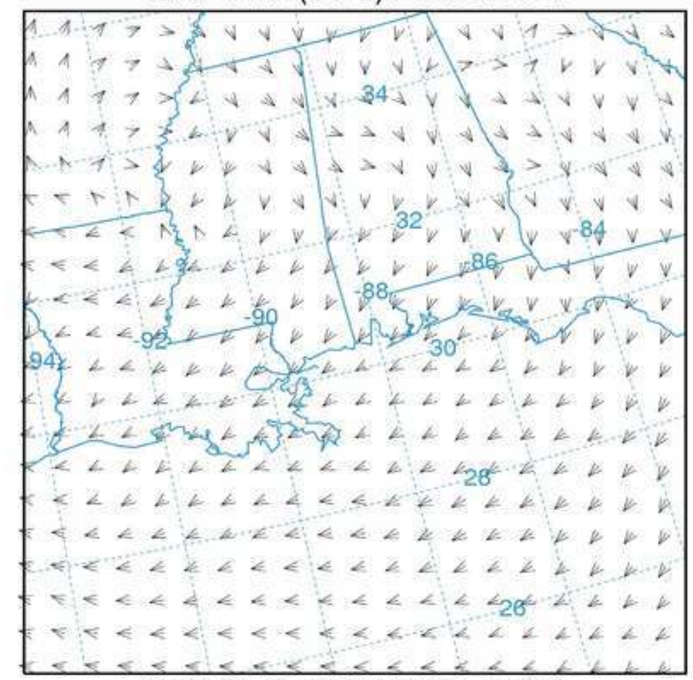
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/22



VECT (6) AT HEIGHT: 0.826

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

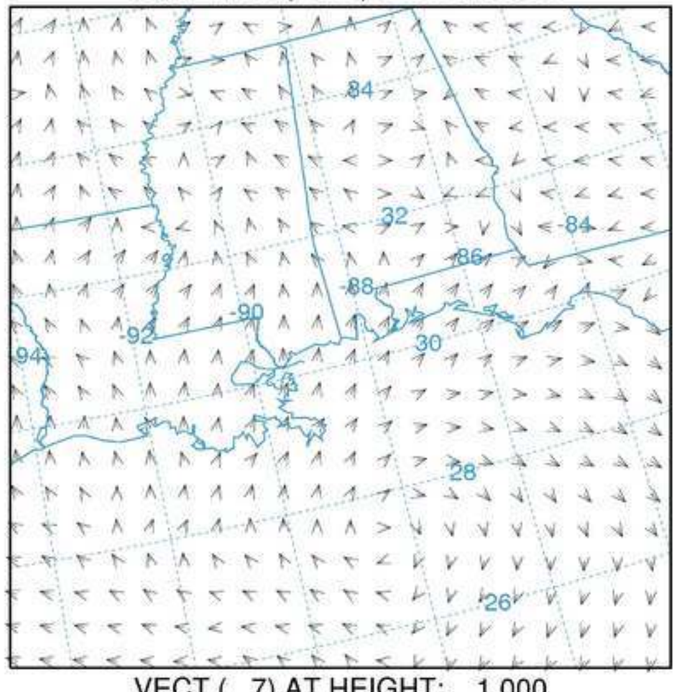
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/22



VECT (8) AT HEIGHT: 0.718

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

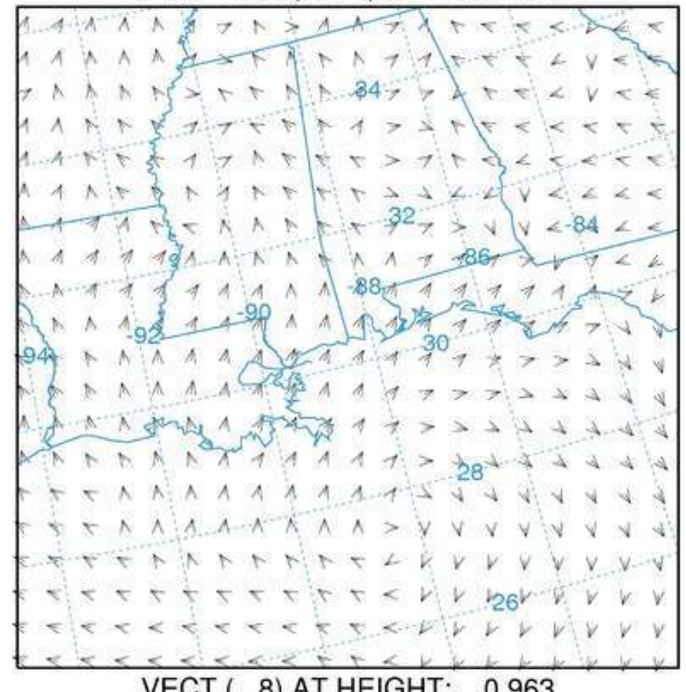
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/23



VECT (7) AT HEIGHT: 1.000

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

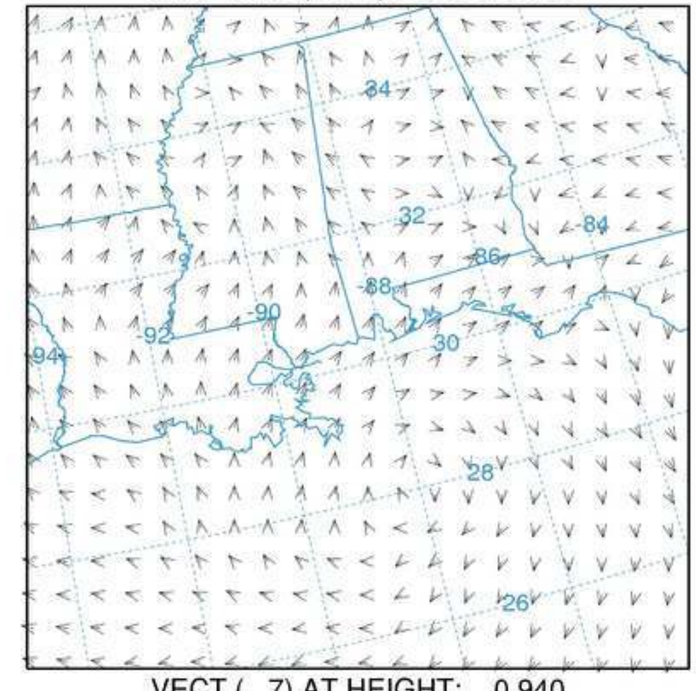
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/23



VECT (8) AT HEIGHT: 0.963

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

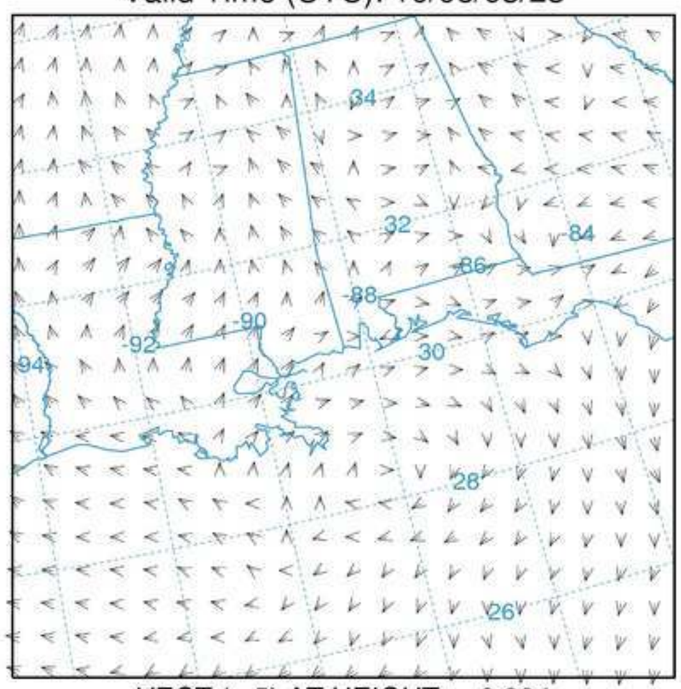
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/23



VECT (7) AT HEIGHT: 0.940

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

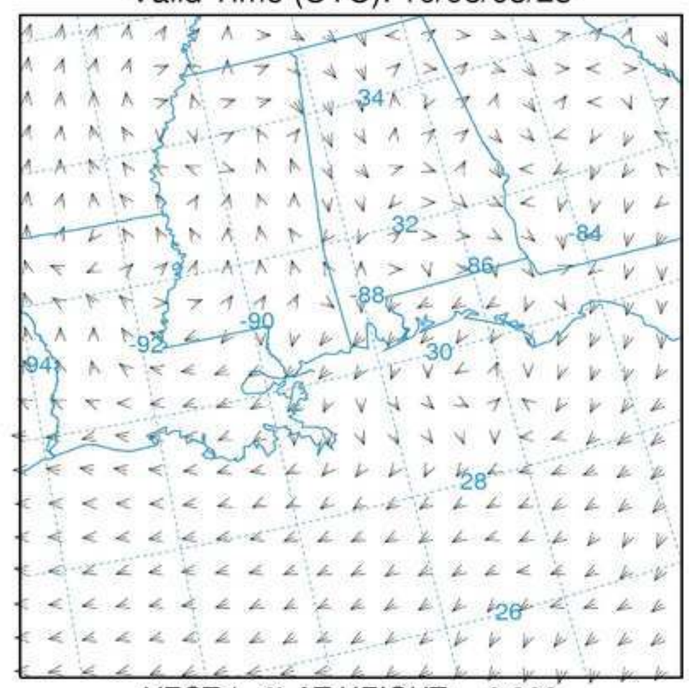
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/23



VECT (5) AT HEIGHT: 0.904

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

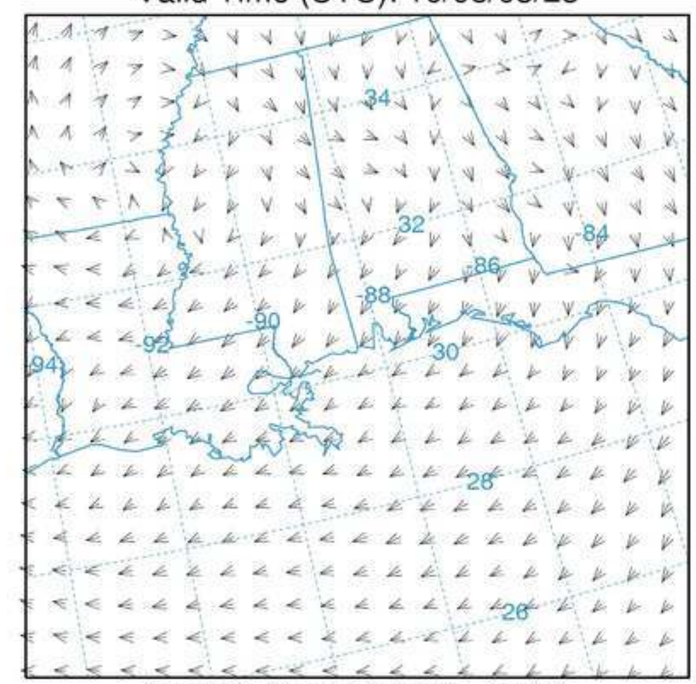
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/23



VECT (6) AT HEIGHT: 0.826

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

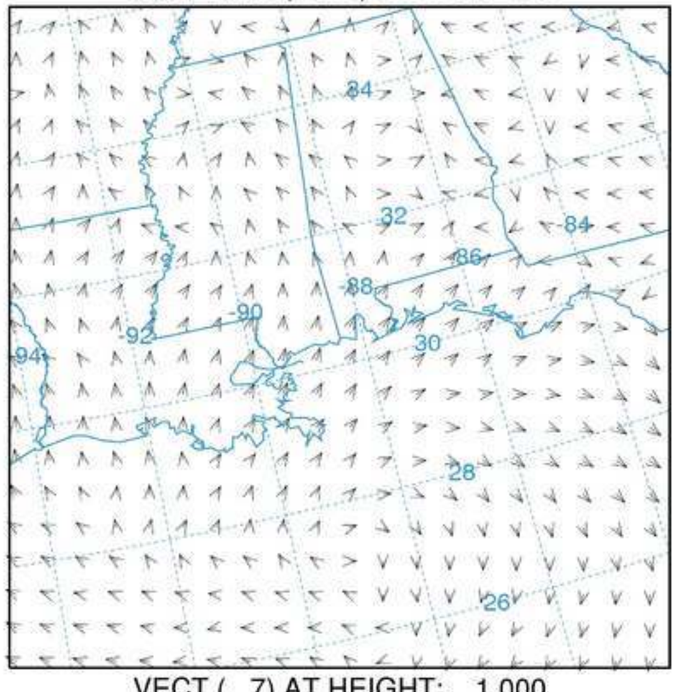
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/03/23



VECT (8) AT HEIGHT: 0.718

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

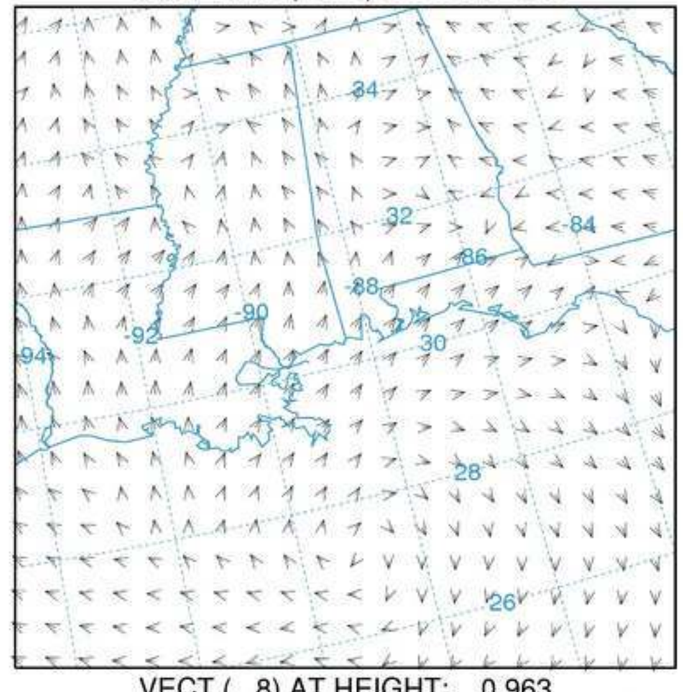
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/00



VECT (7) AT HEIGHT: 1.000

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

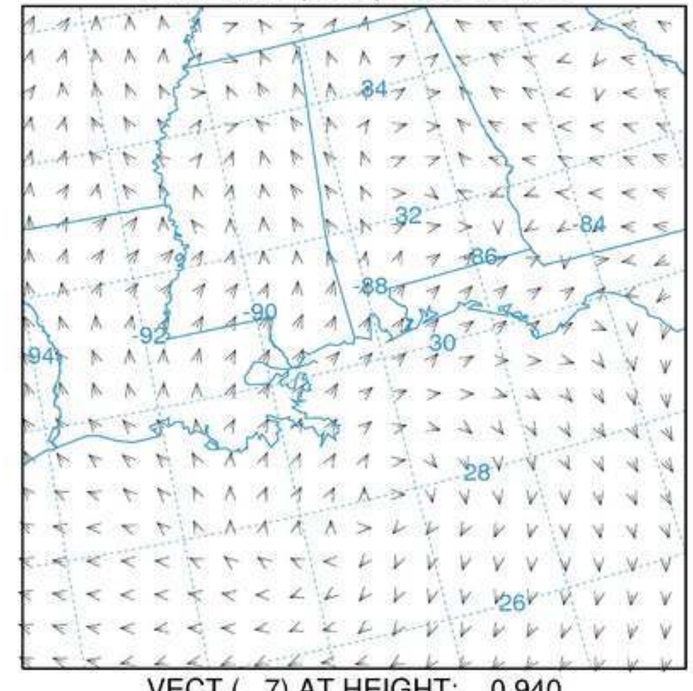
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/00



VECT (8) AT HEIGHT: 0.963

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

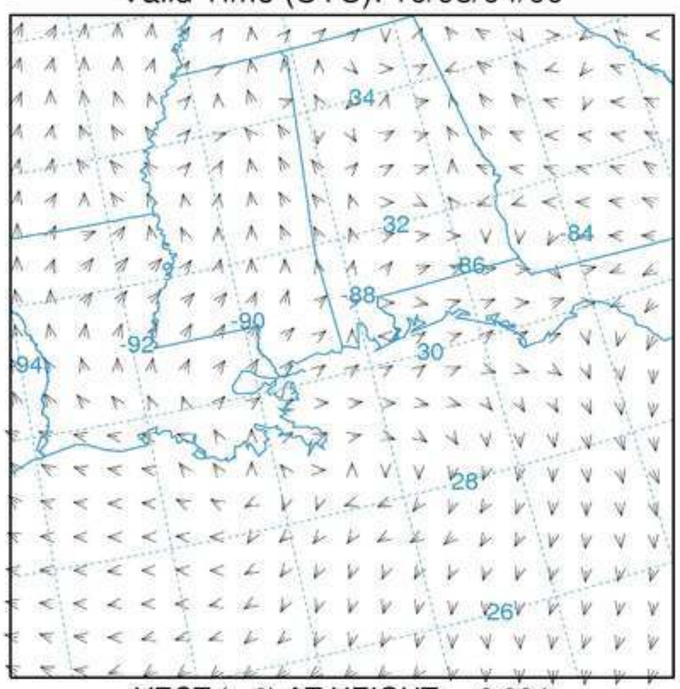
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/00



VECT (7) AT HEIGHT: 0.940

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

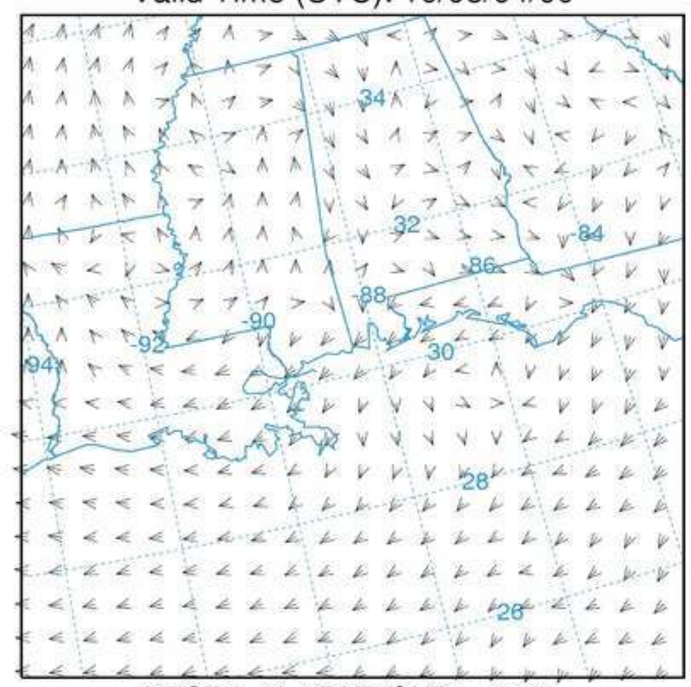
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/00



VECT (6) AT HEIGHT: 0.904

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

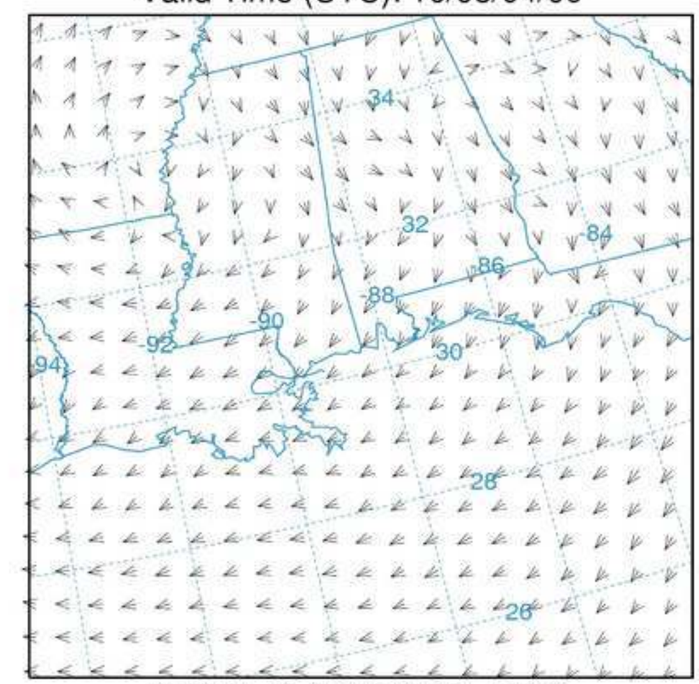
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/00



VECT (6) AT HEIGHT: 0.826

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

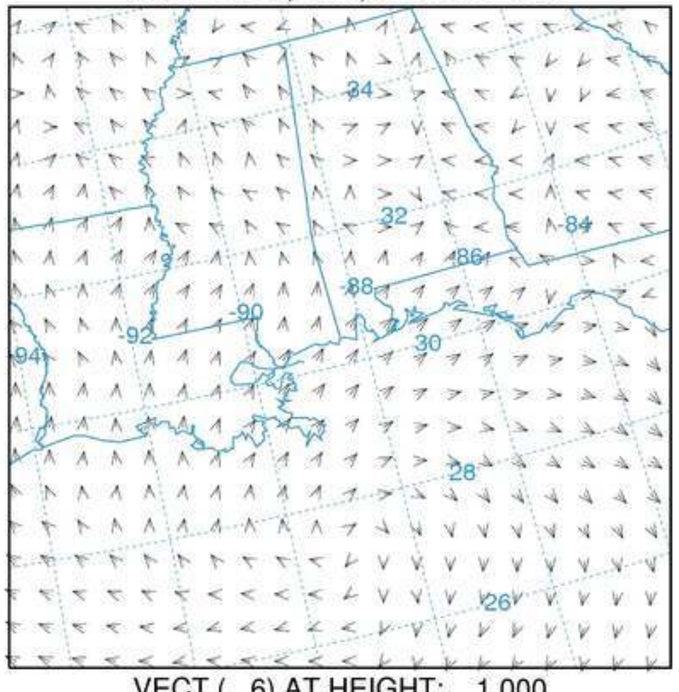
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/00



VECT (7) AT HEIGHT: 0.718

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

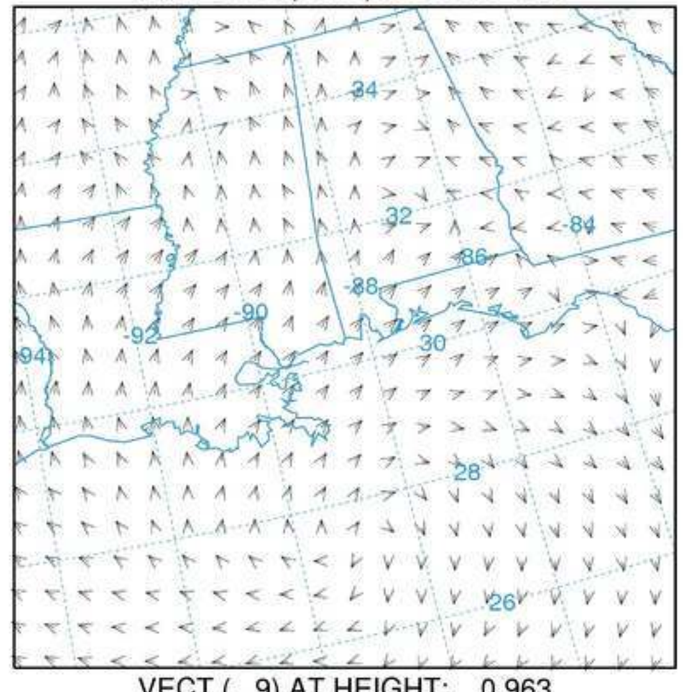
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/01



VECT (6) AT HEIGHT: 1.000

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

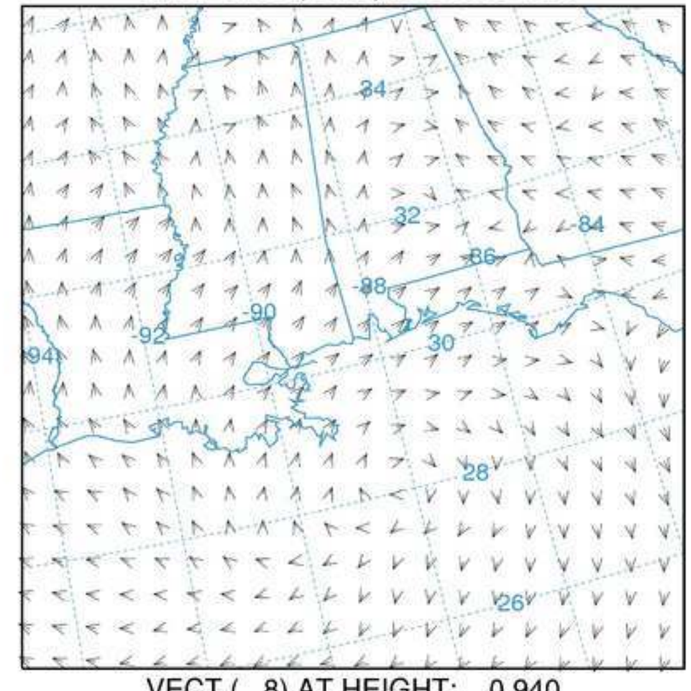
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/01



VECT (9) AT HEIGHT: 0.963

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

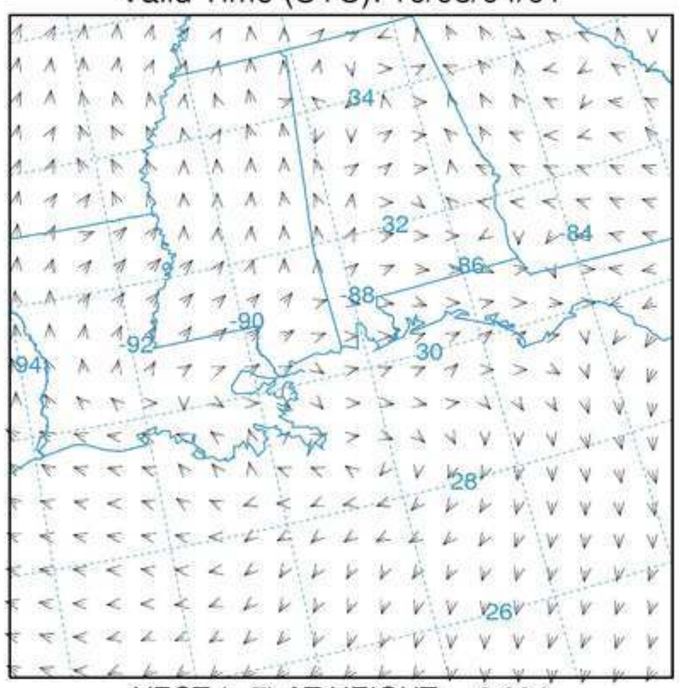
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/01



VECT (8) AT HEIGHT: 0.940

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

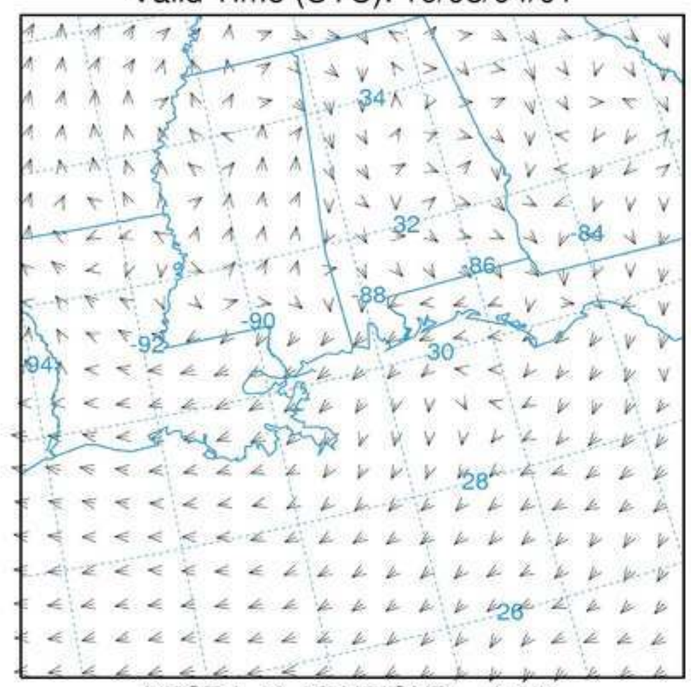
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/01



VECT (7) AT HEIGHT: 0.904

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

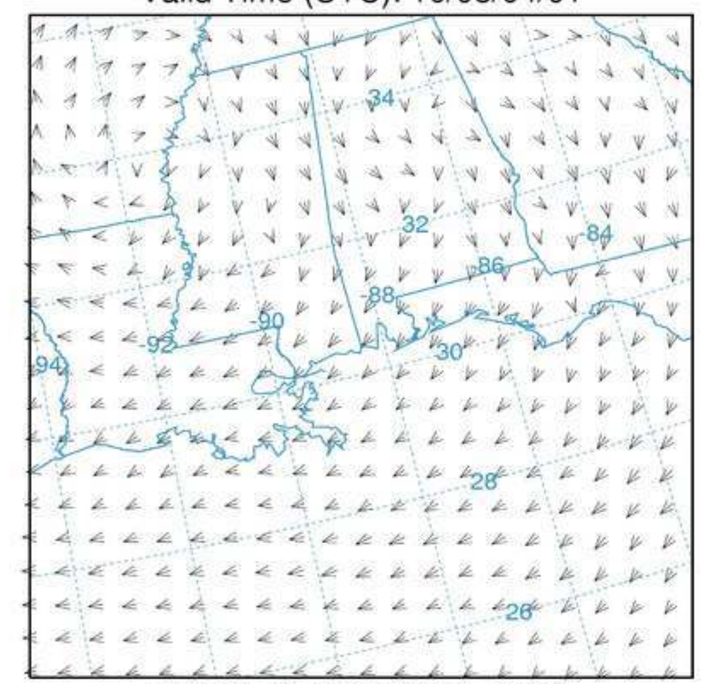
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/01



VECT (6) AT HEIGHT: 0.826

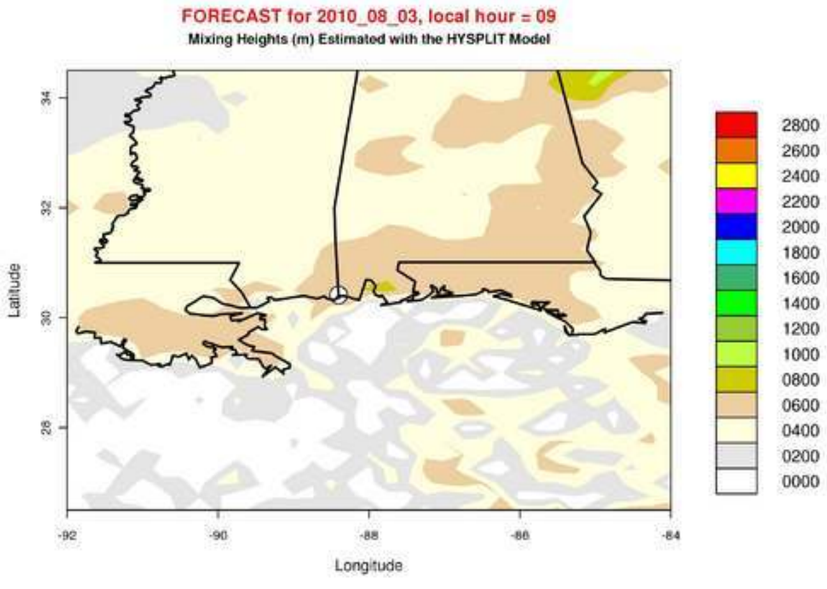
Wind direction data for NAMS vertical level 21, corresponding to a height of ~2000 meters

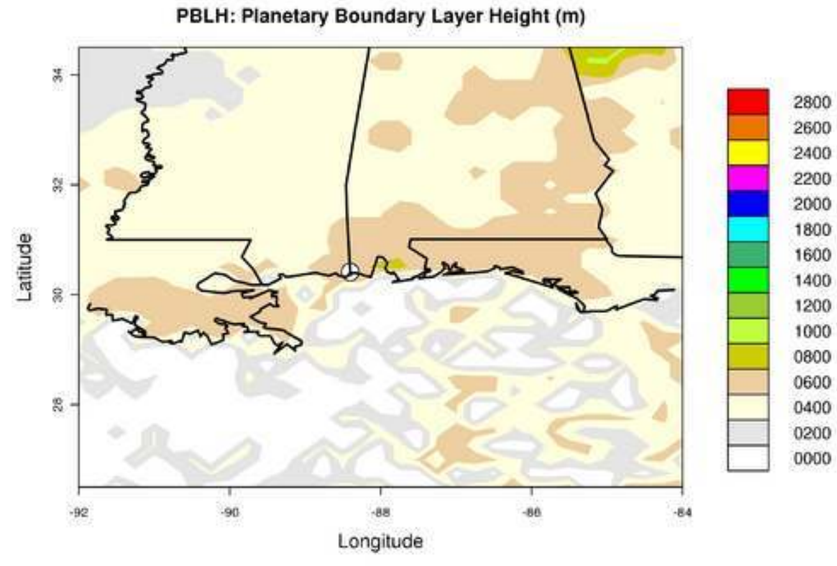
NOAA AIR RESOURCES LABORATORY
Valid Time (UTC): 10/08/04/01

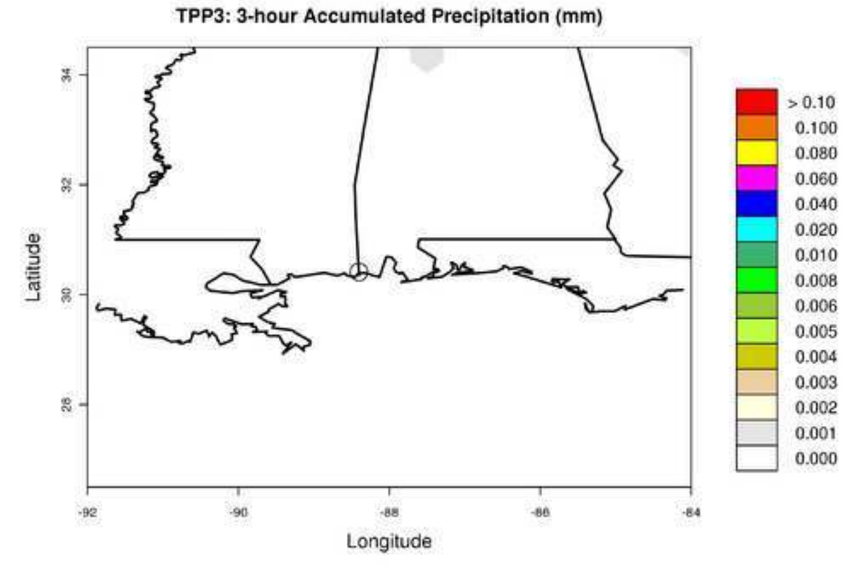


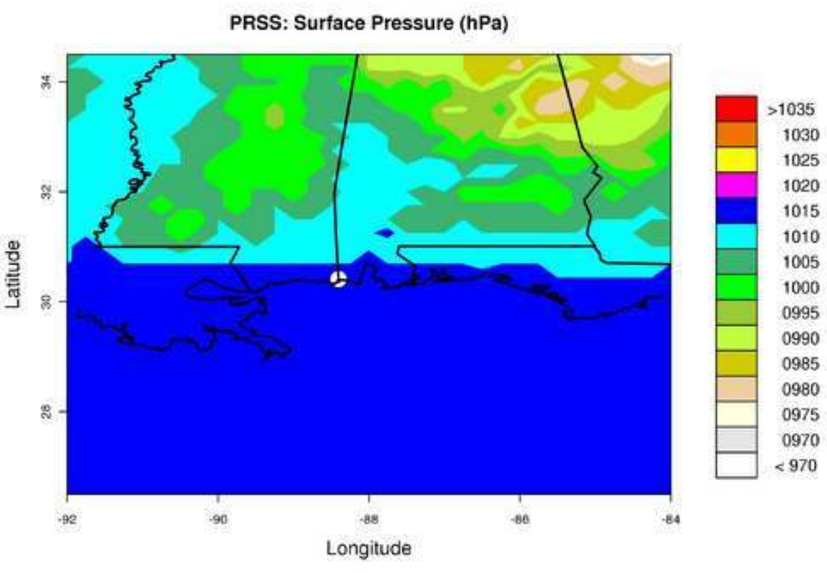
VECT (7) AT HEIGHT: 0.718

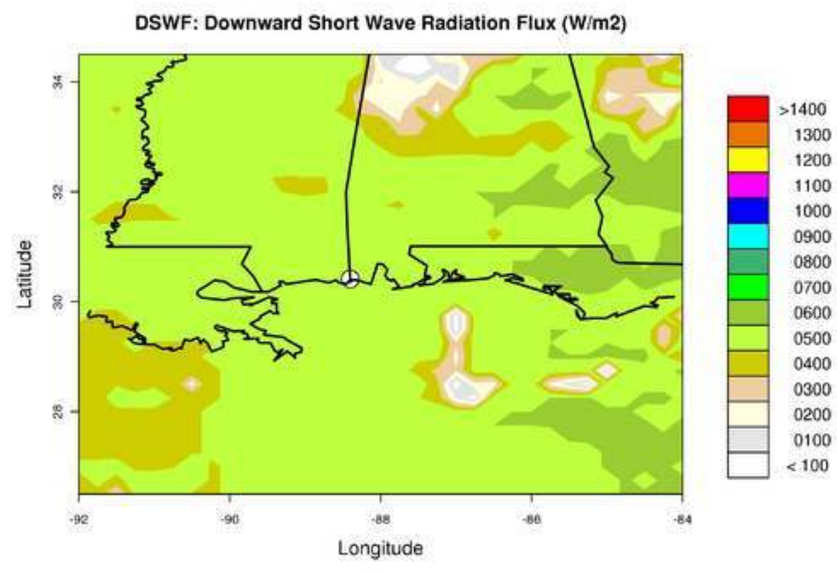
Wind direction data for NAMS vertical level 24, corresponding to a height of ~3000 meters

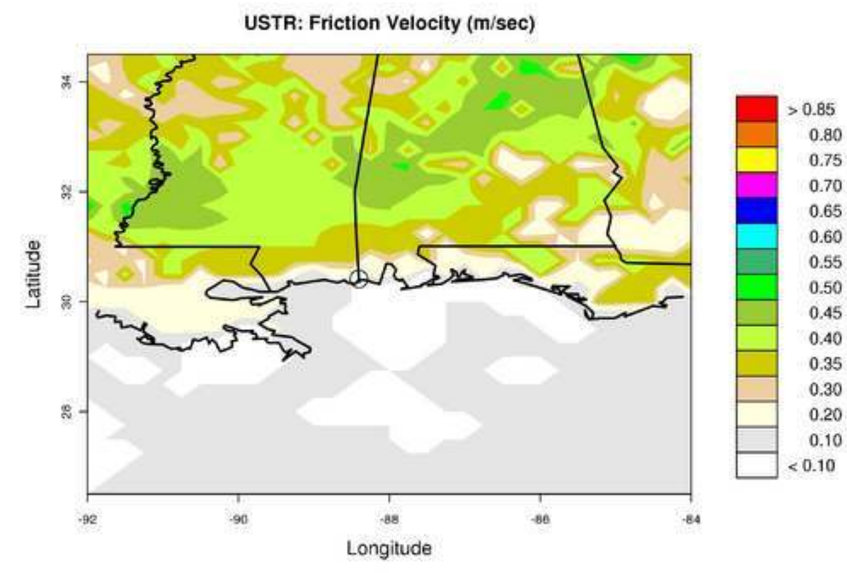

FORECAST for 2010_08_03, local hour = 09
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

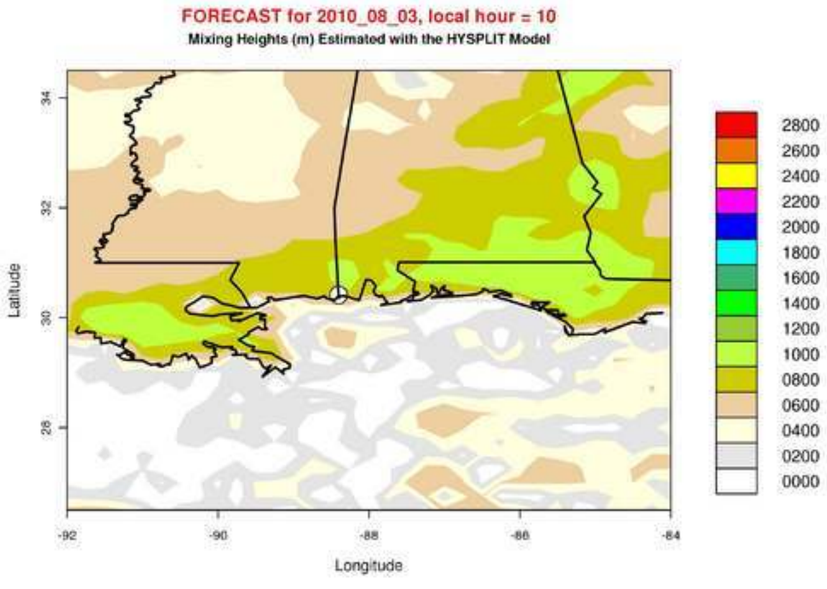

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

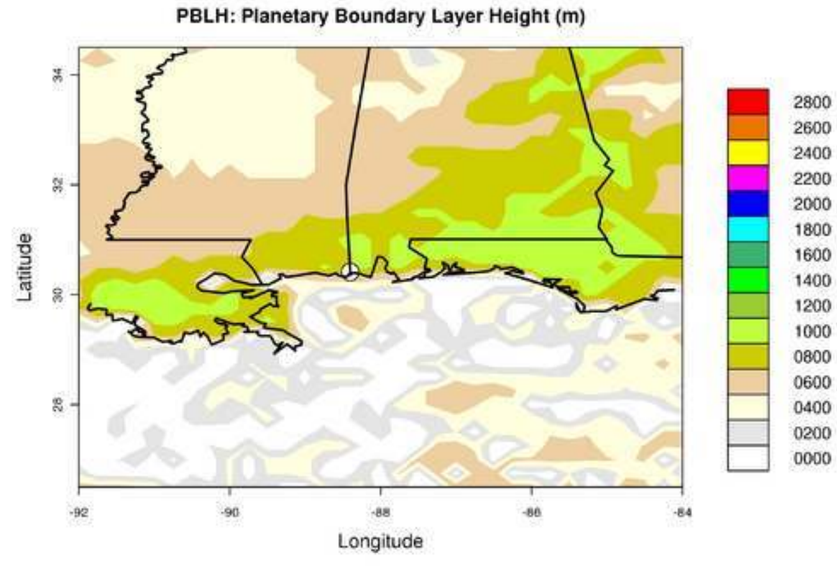

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

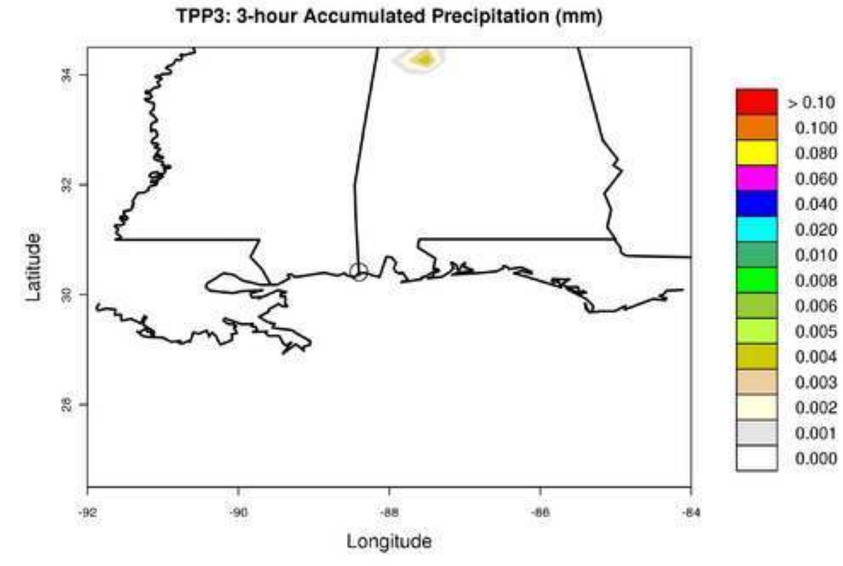

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

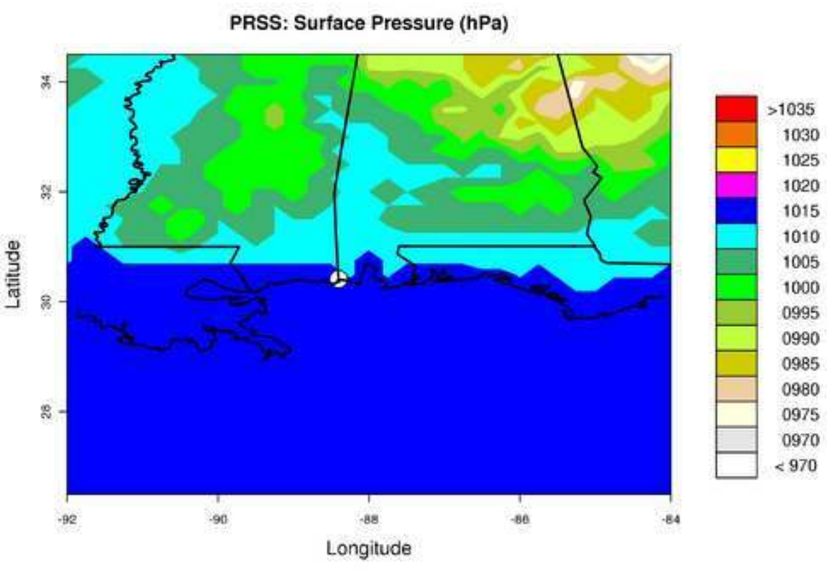

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

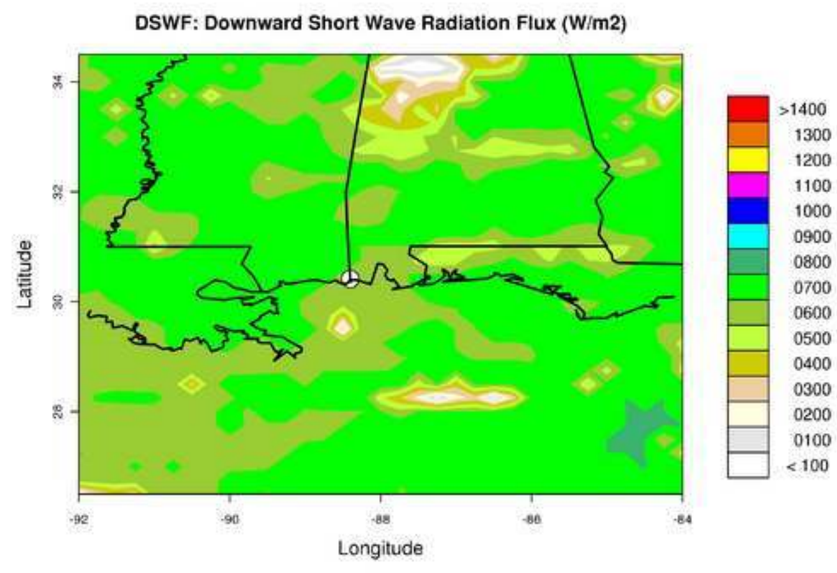

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

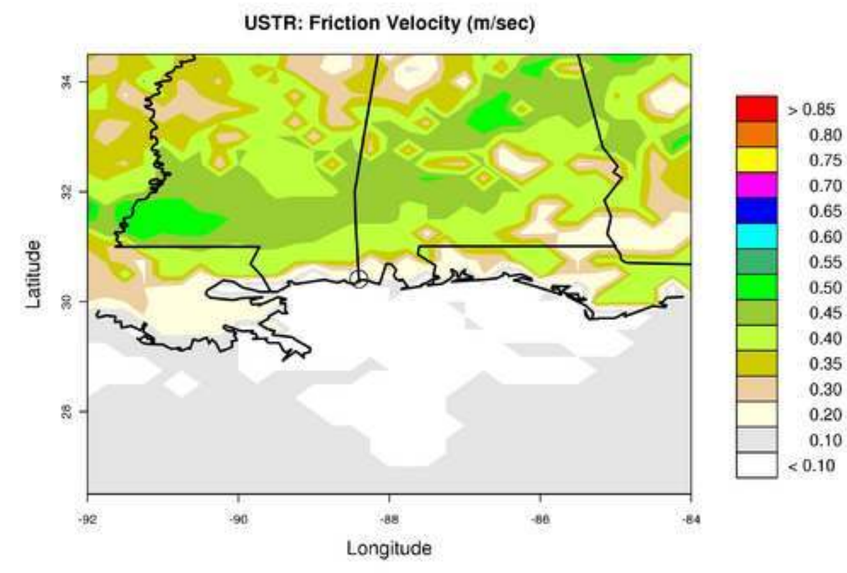

FORECAST for 2010_08_03, local hour = 10
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

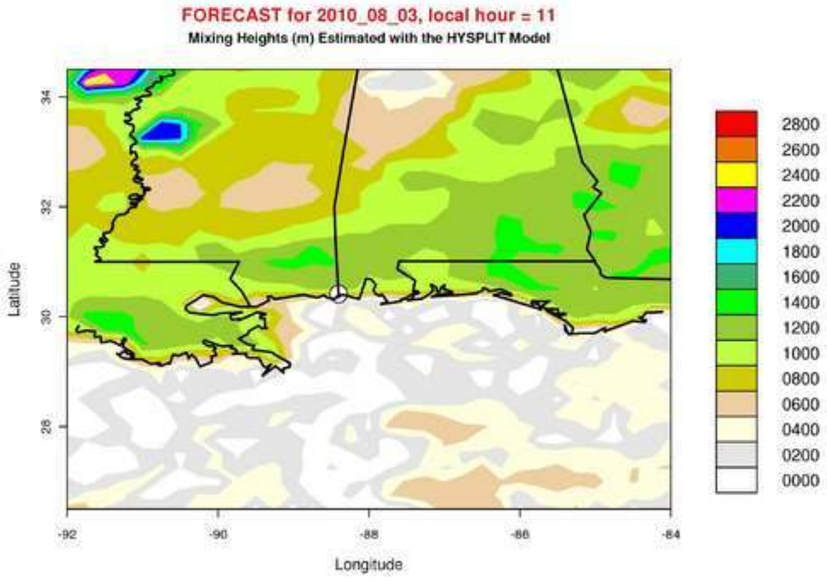

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

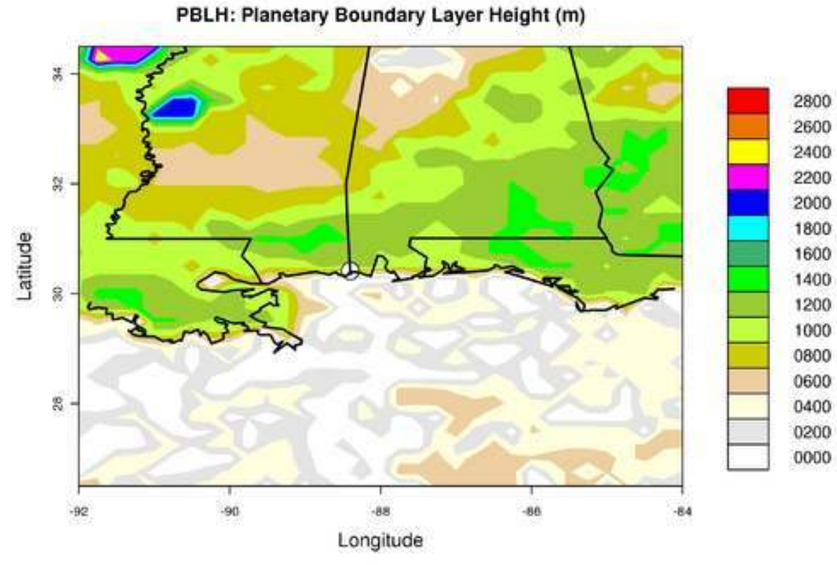

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

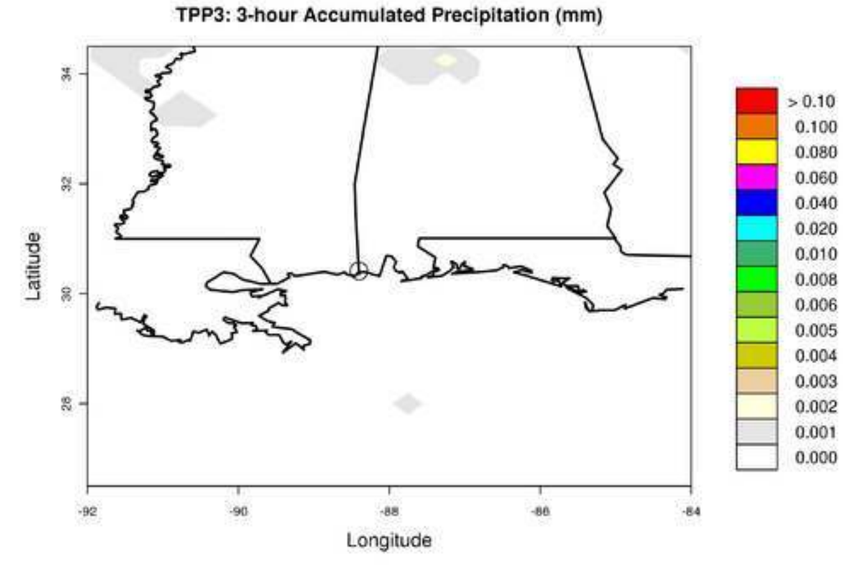

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

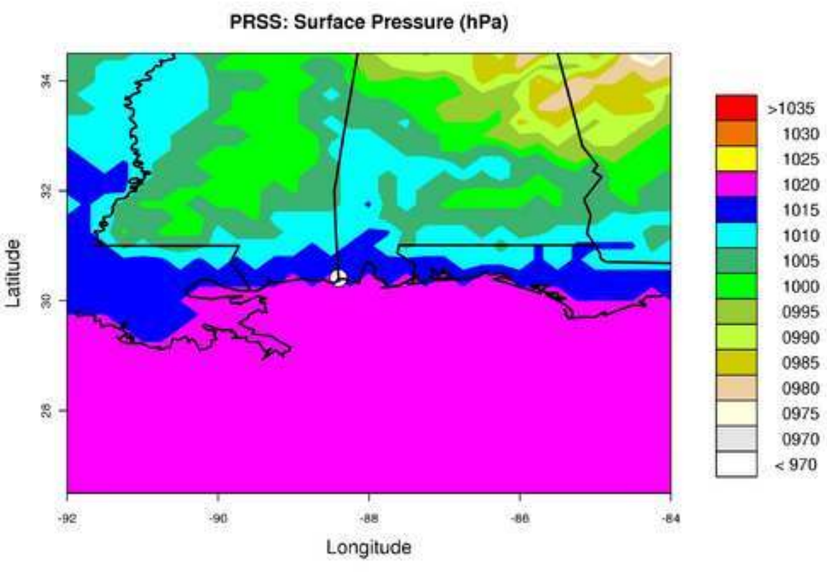

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

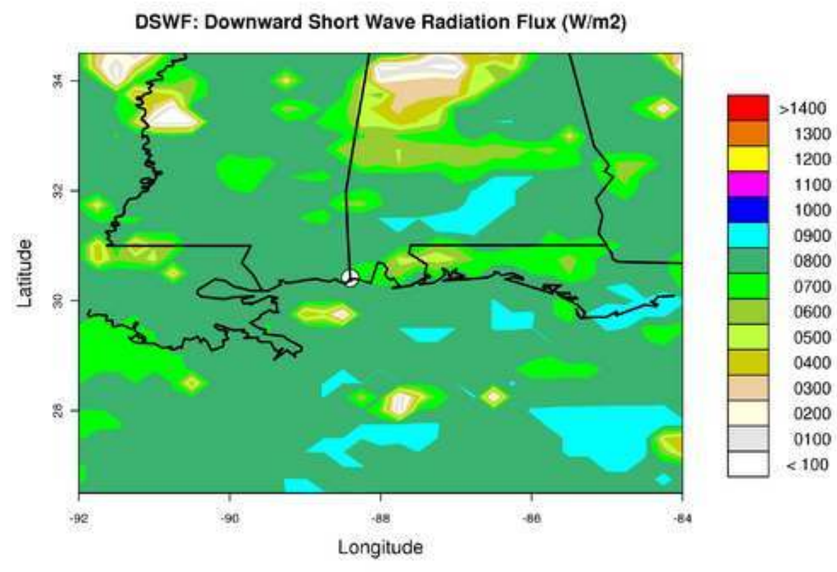

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

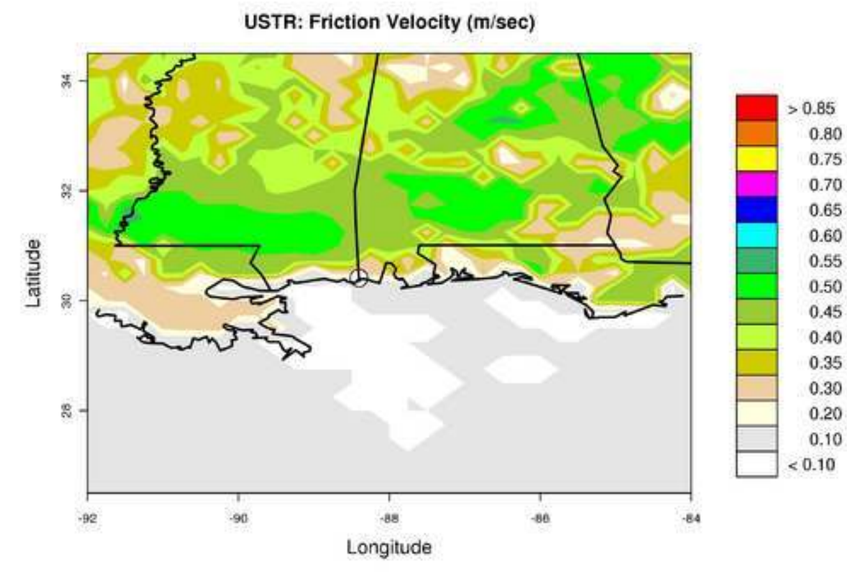

FORECAST for 2010_08_03, local hour = 11
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

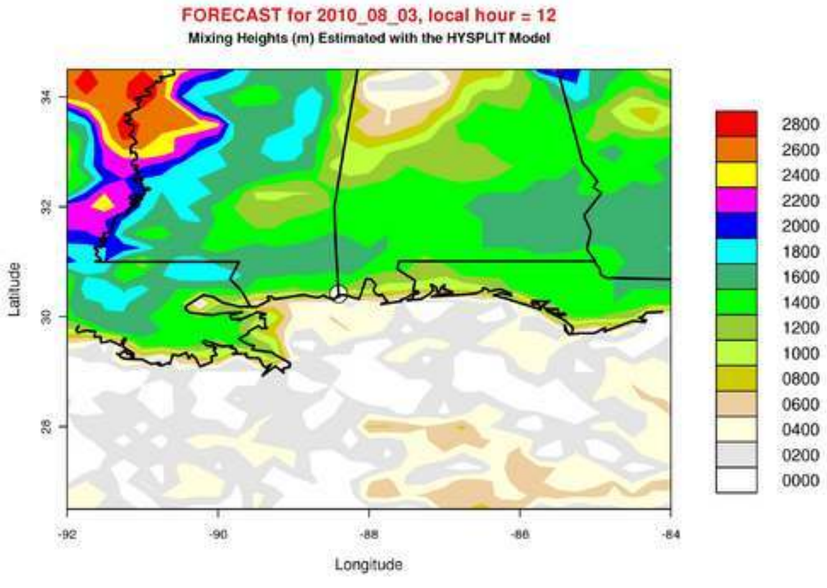

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

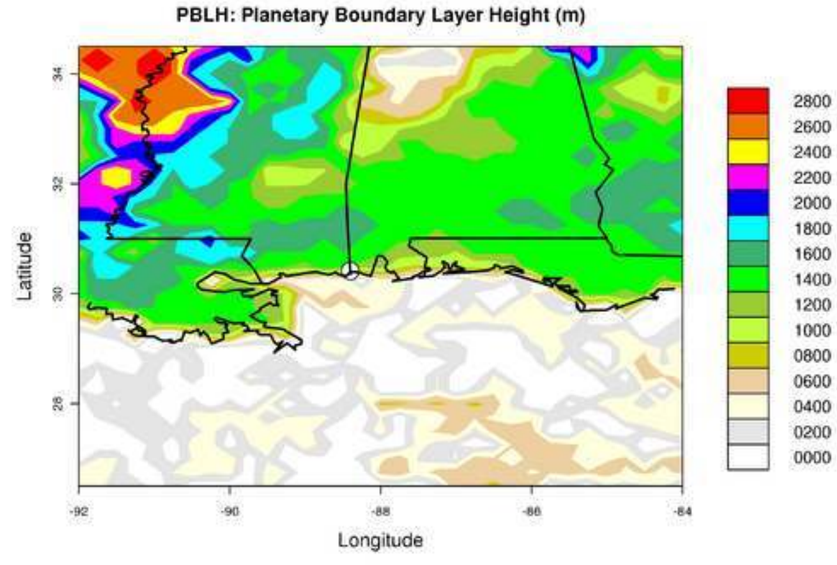

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

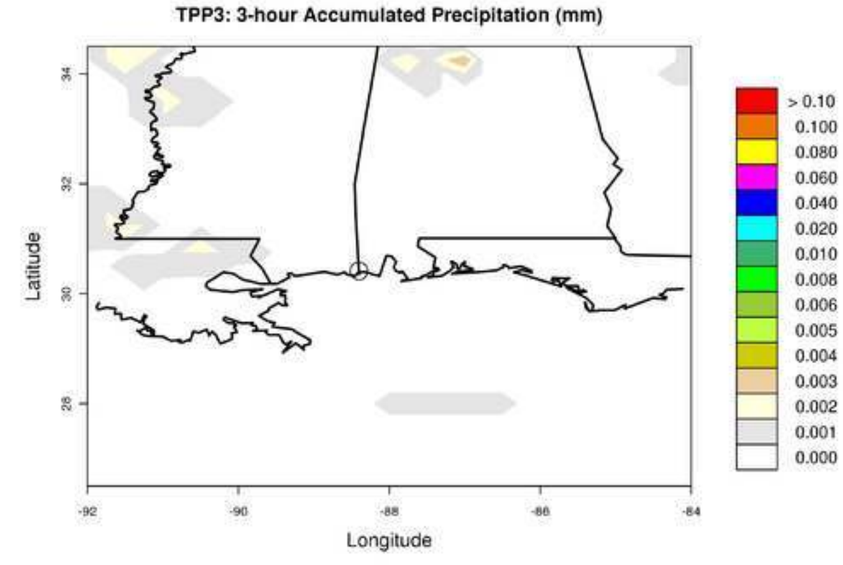

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

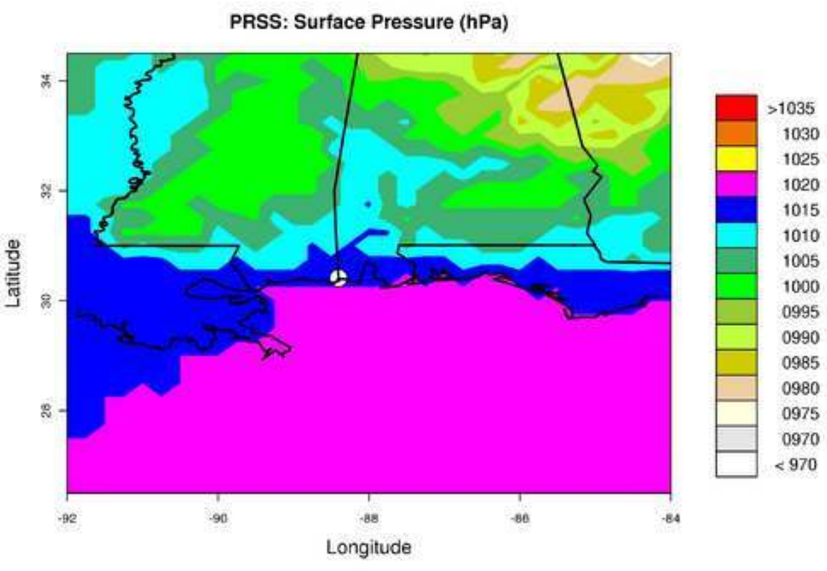

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

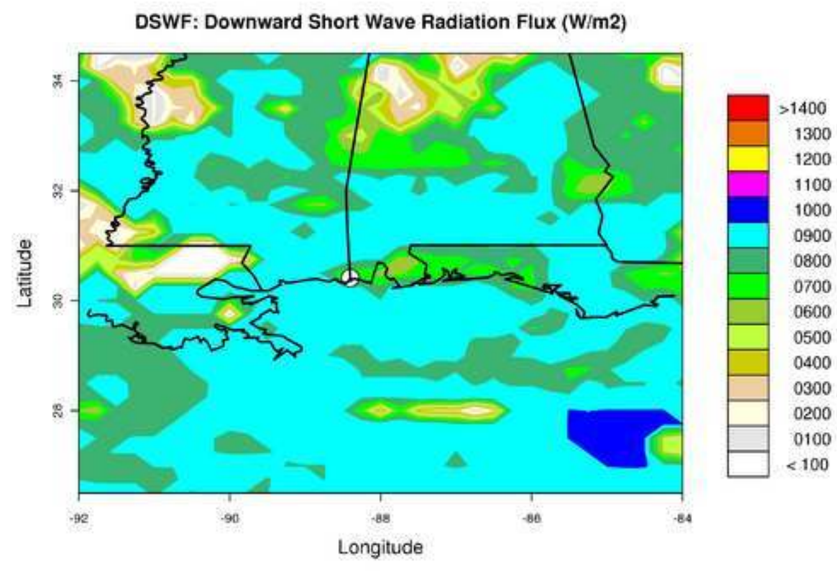

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

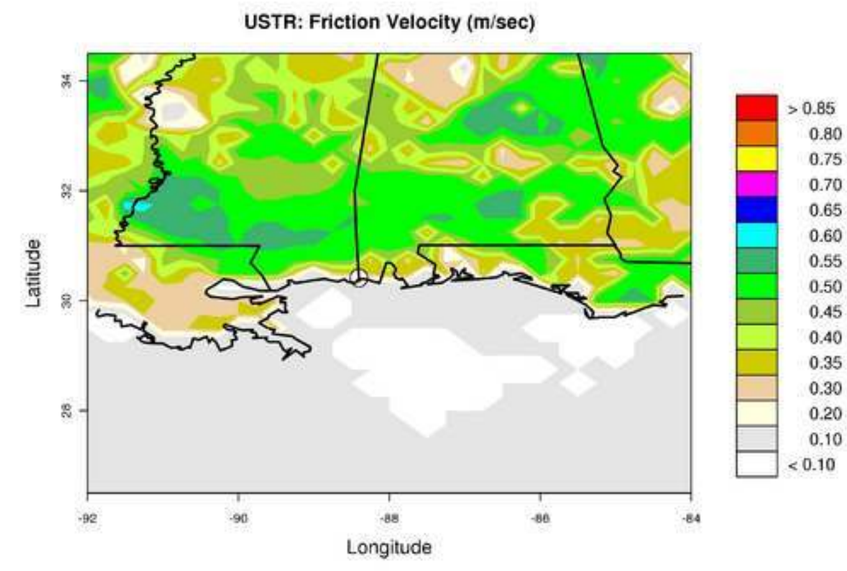

FORECAST for 2010_08_03, local hour = 12
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

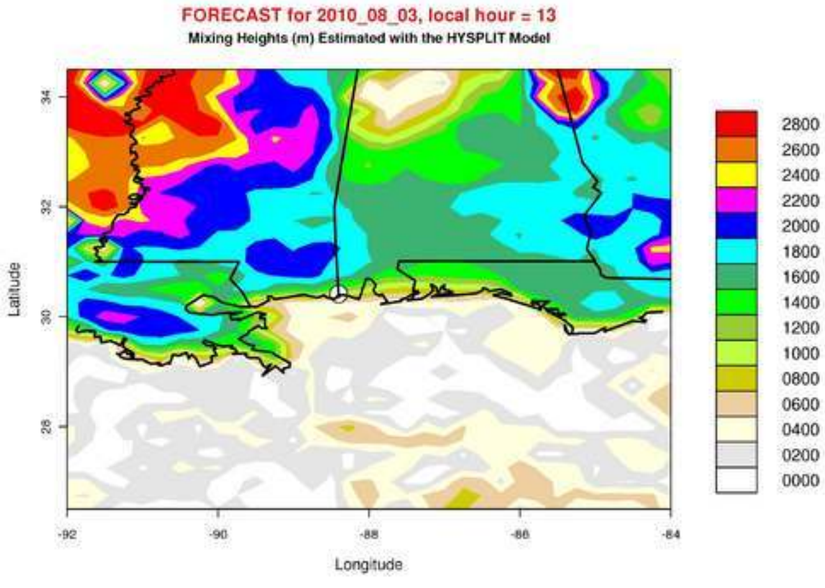

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

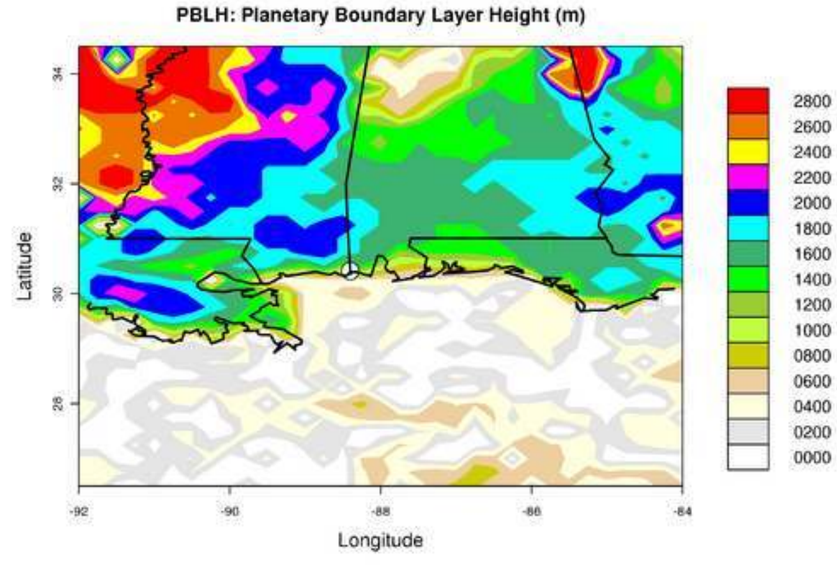

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

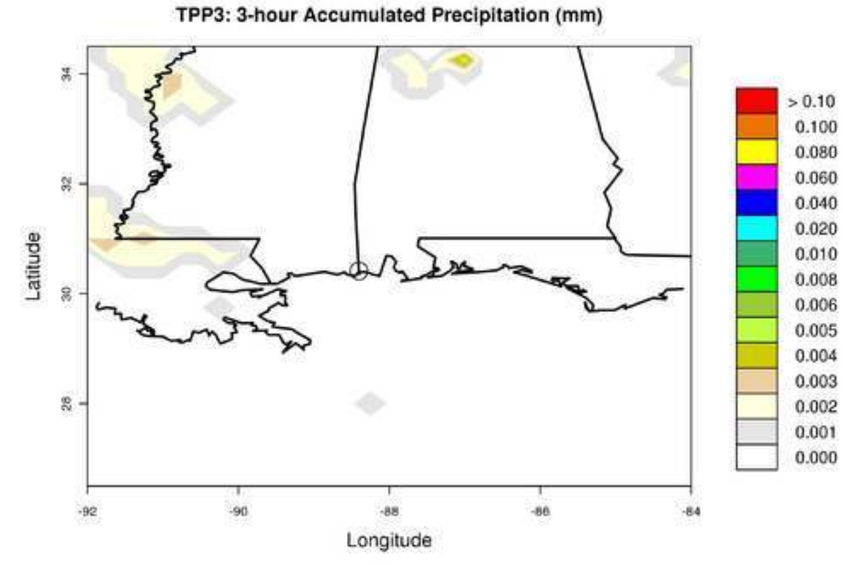

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

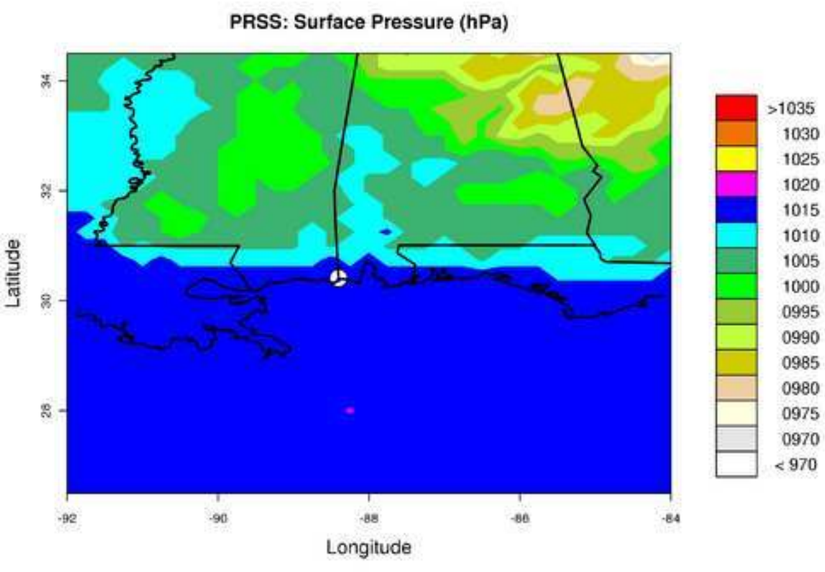

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

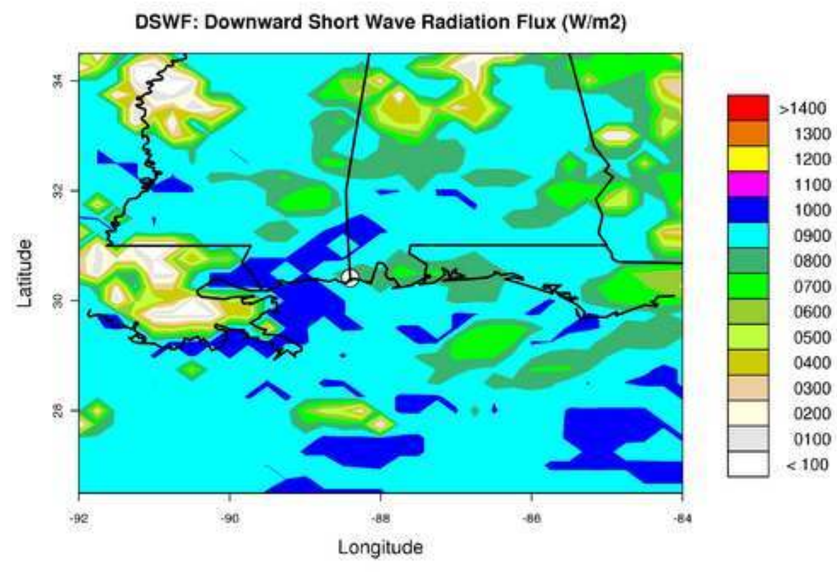

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

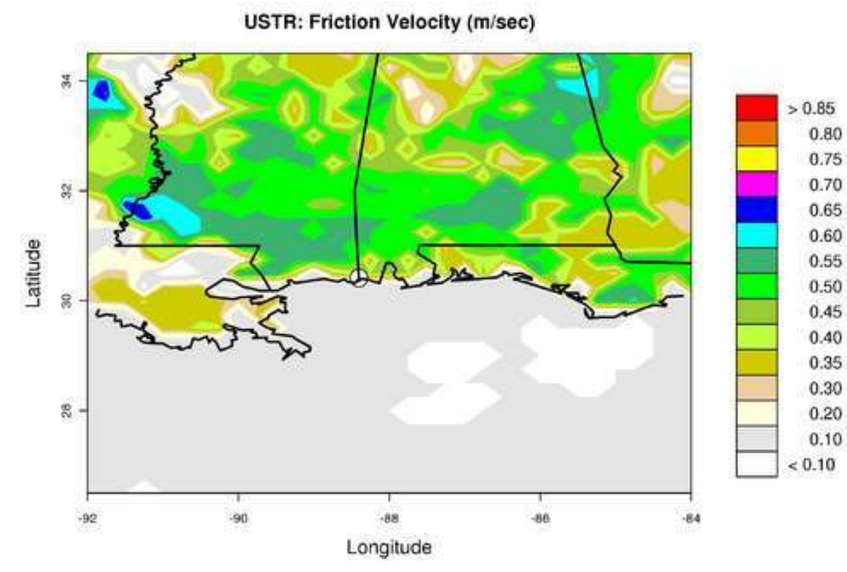

FORECAST for 2010_08_03, local hour = 13
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

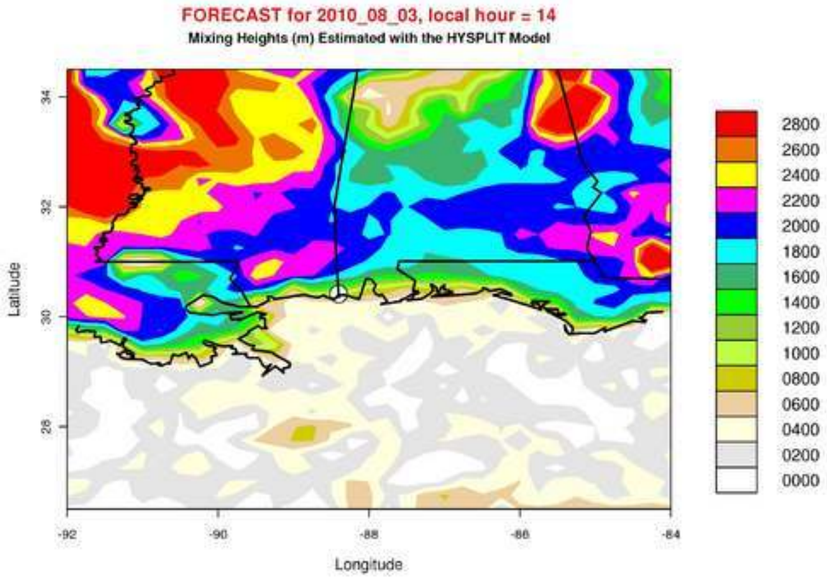

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

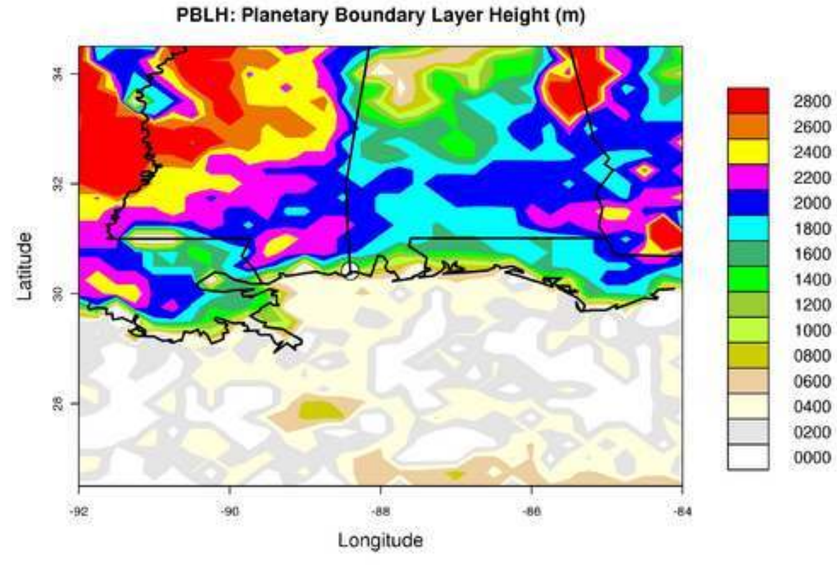

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

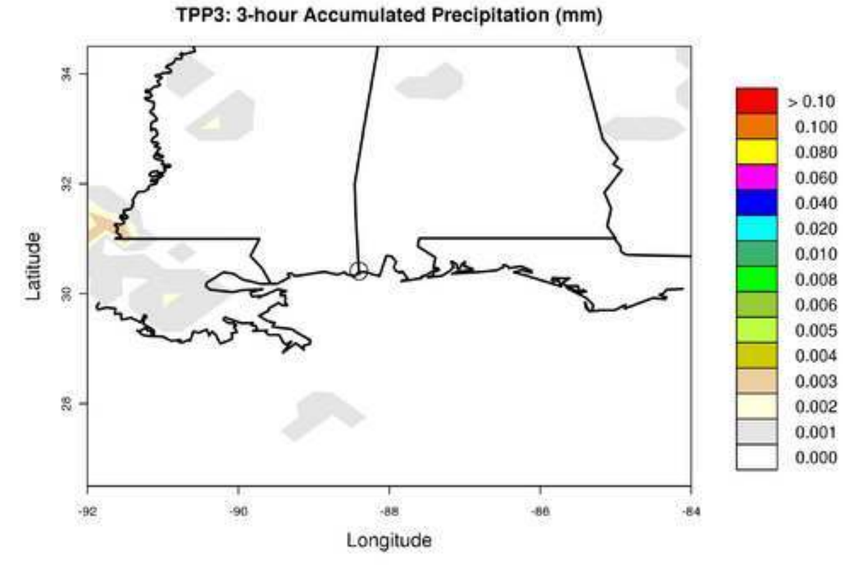

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

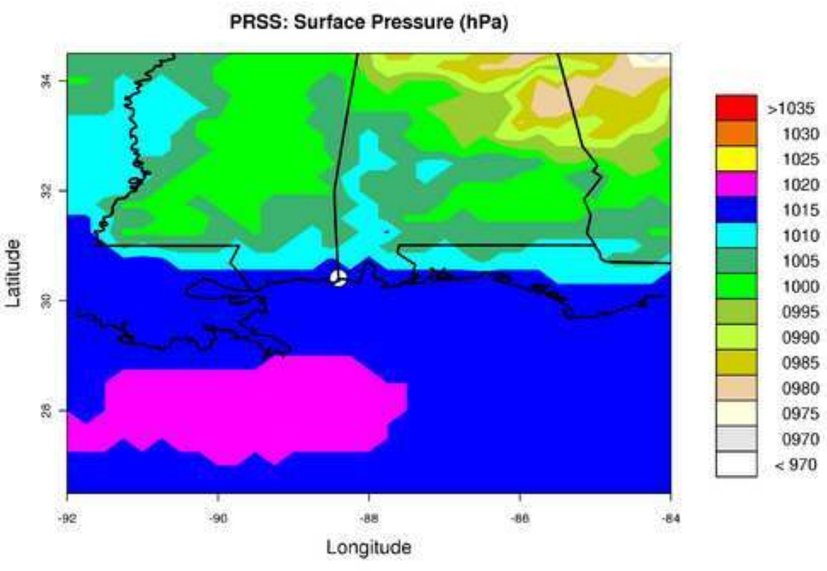

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

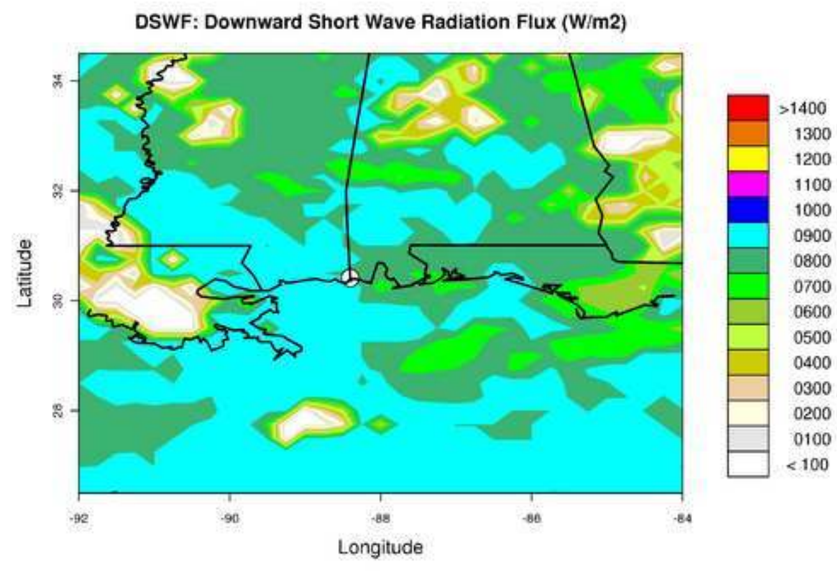

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

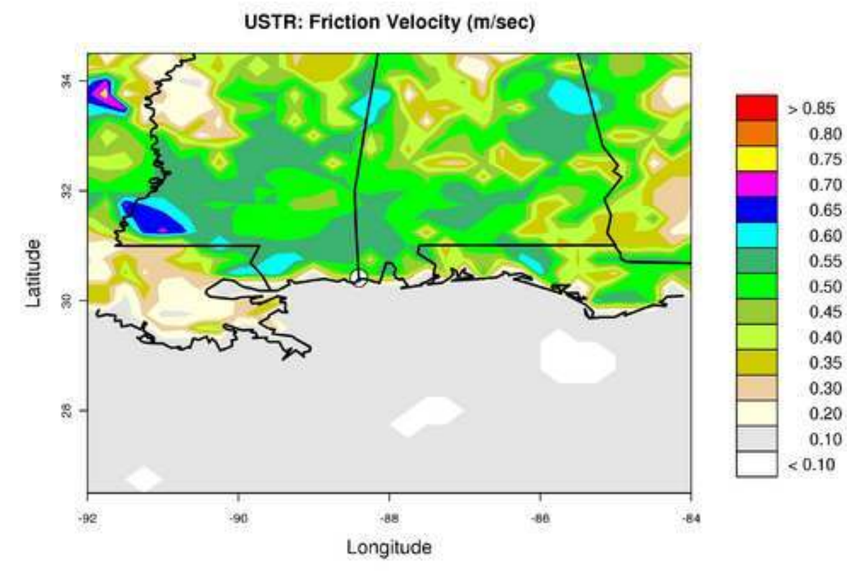

FORECAST for 2010_08_03, local hour = 14
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

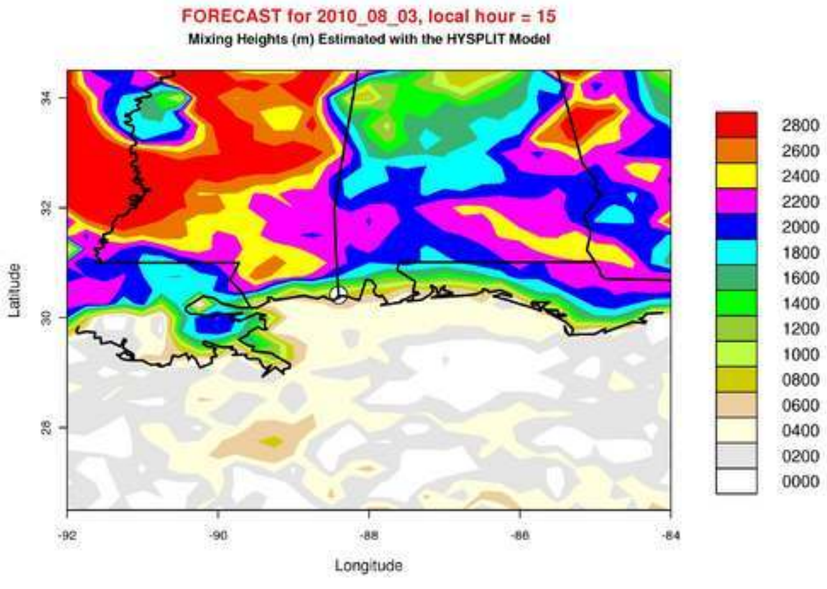

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

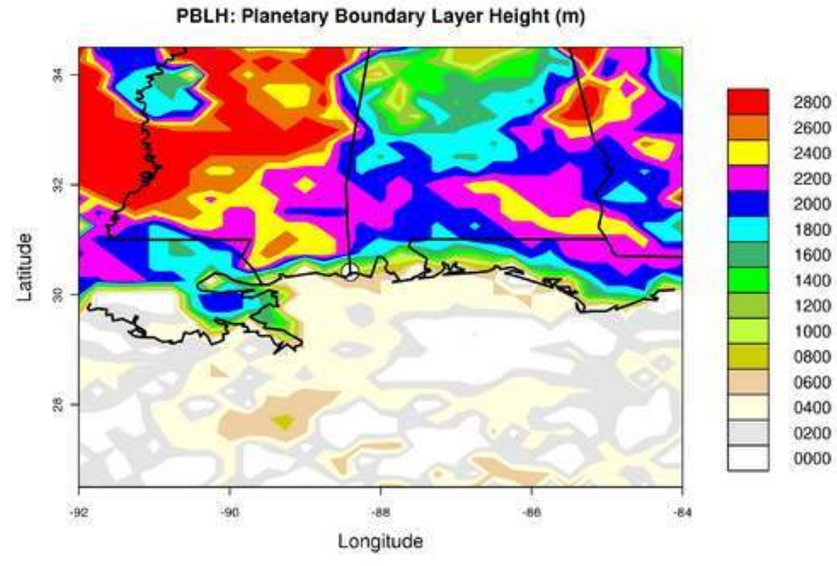

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

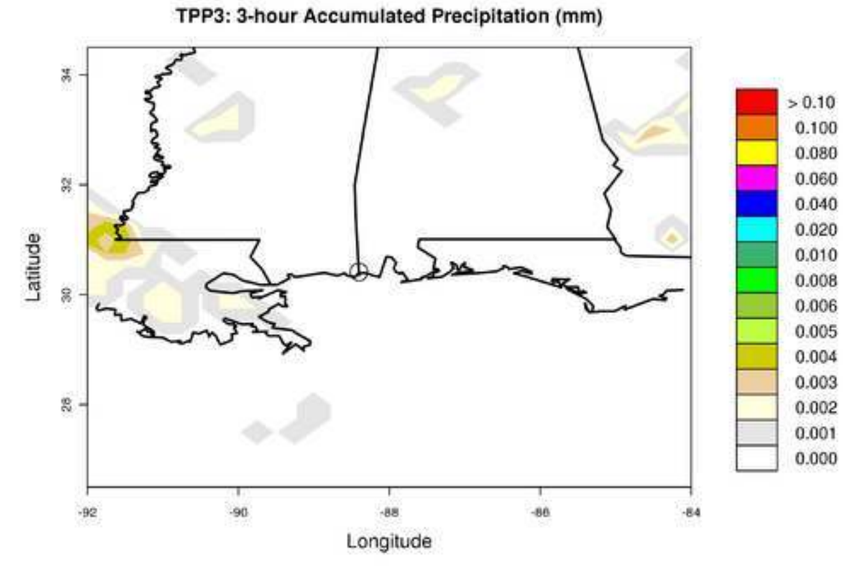

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

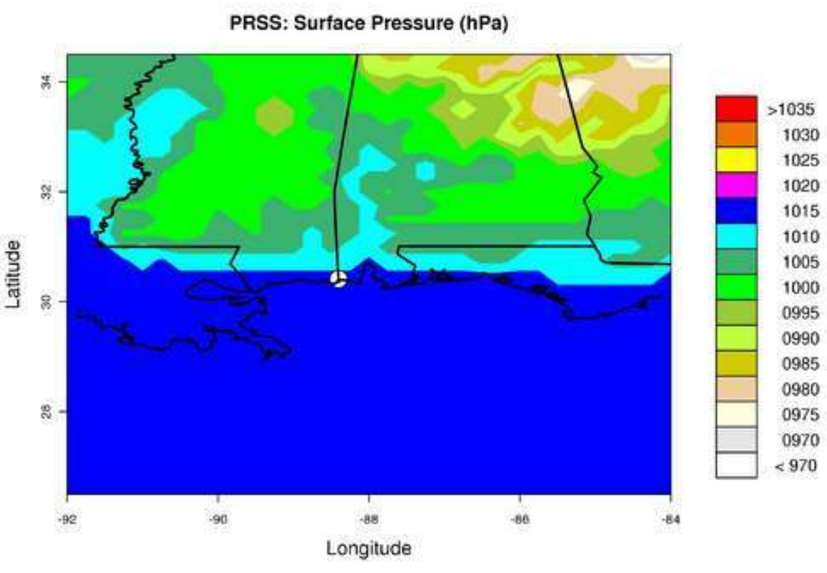

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

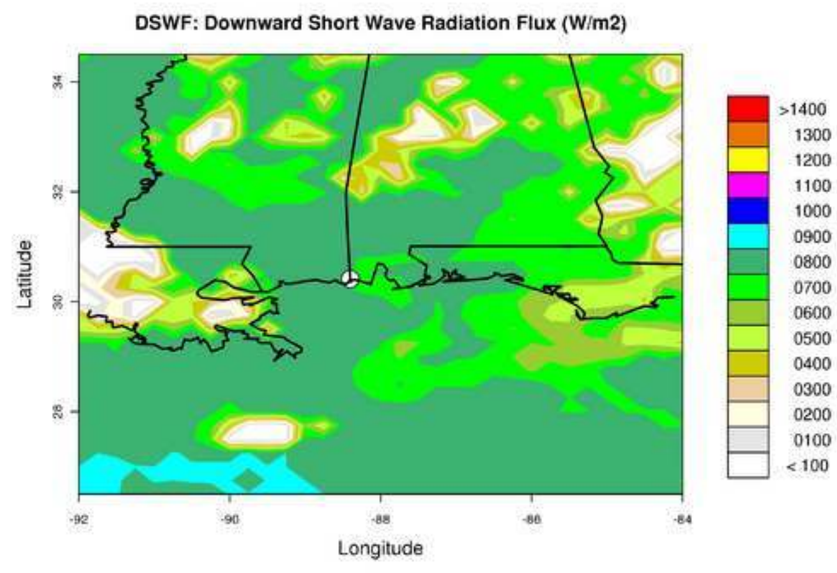

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

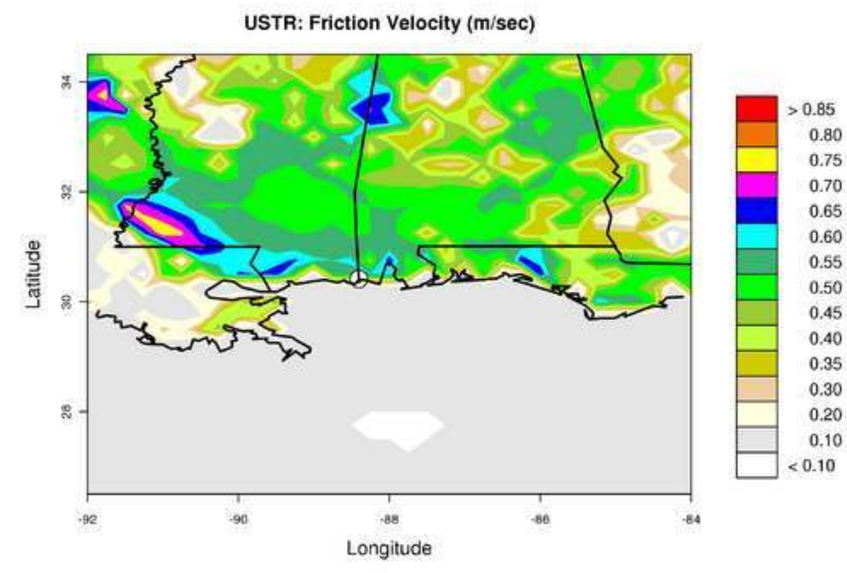

FORECAST for 2010_08_03, local hour = 15
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

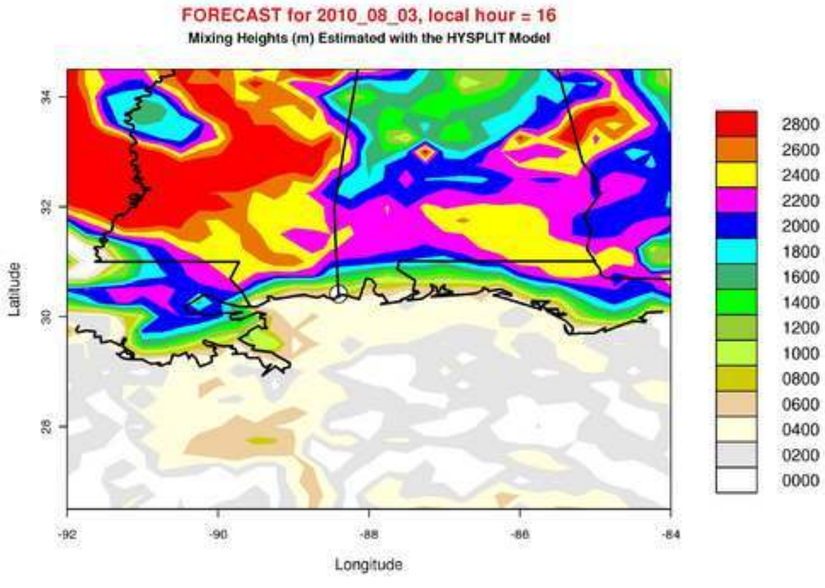

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

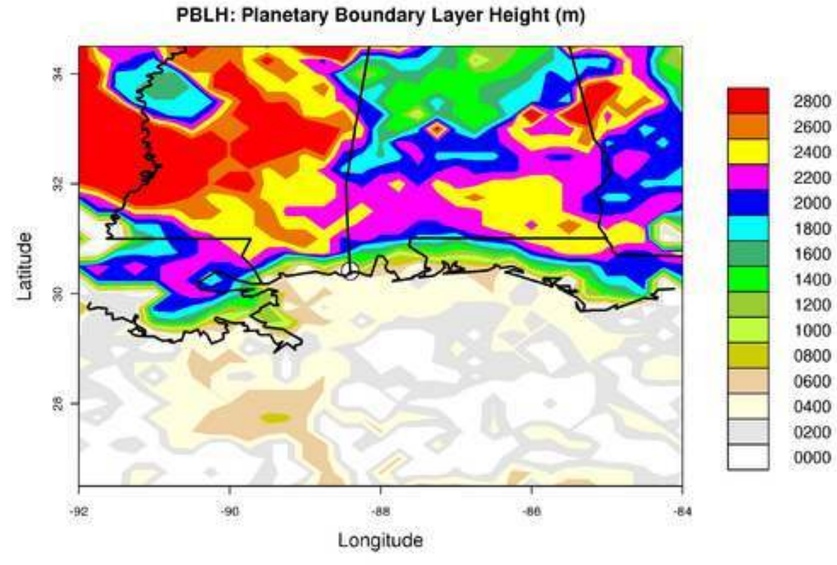

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

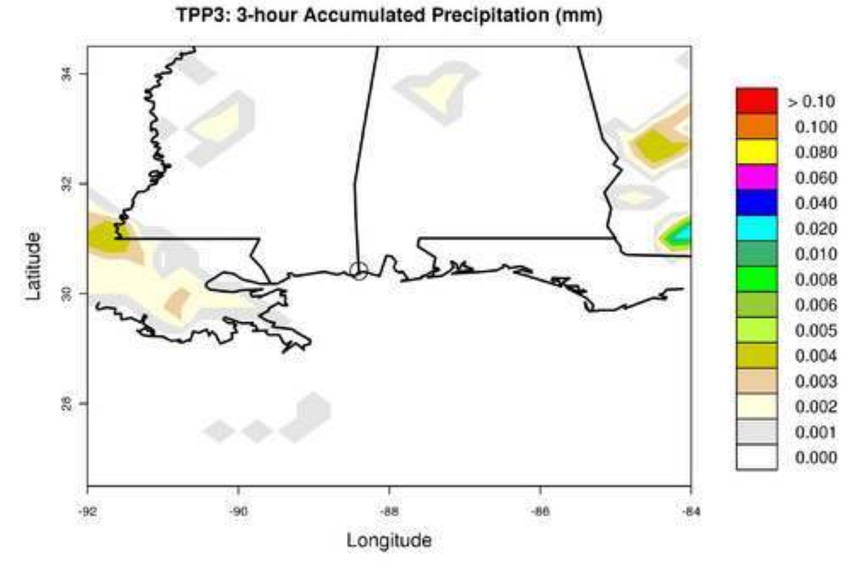

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

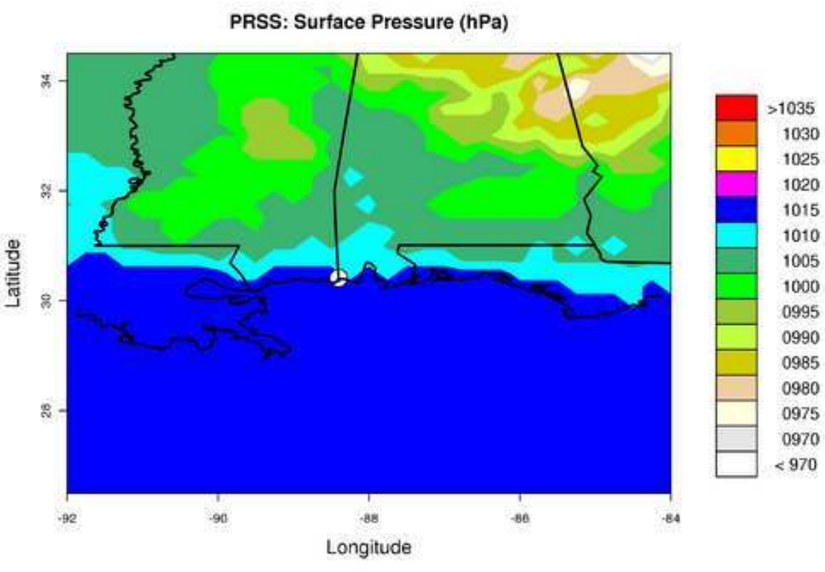

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

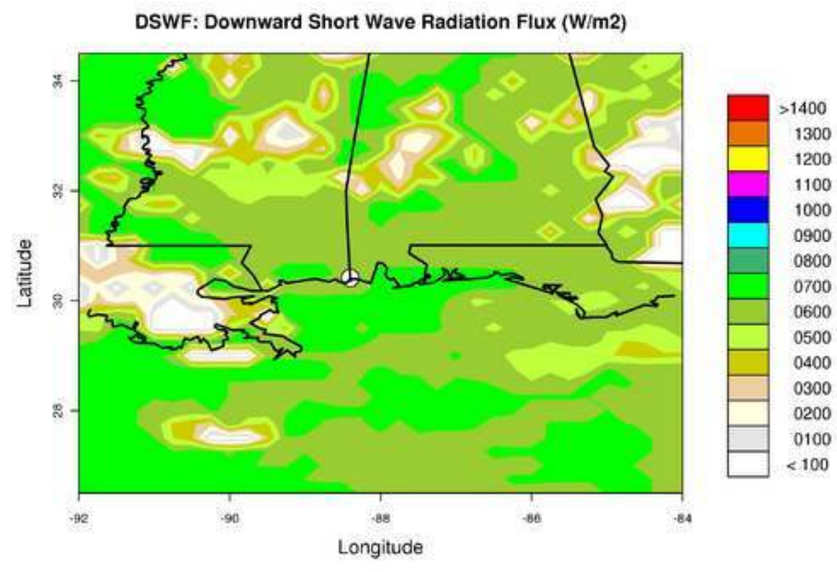

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

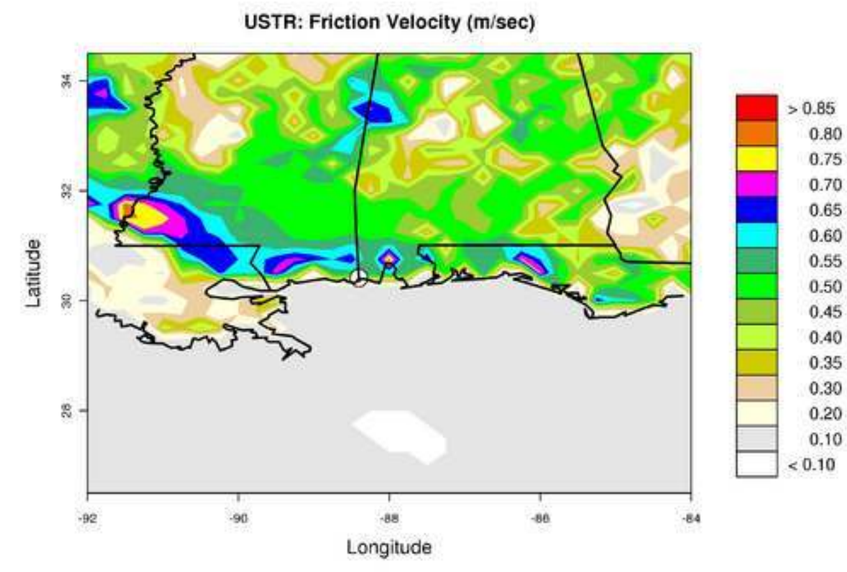

FORECAST for 2010_08_03, local hour = 16
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

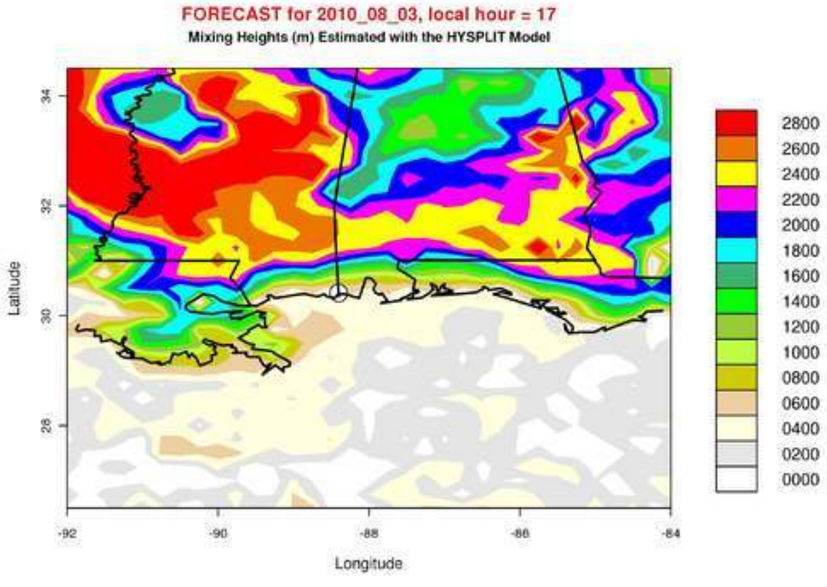

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

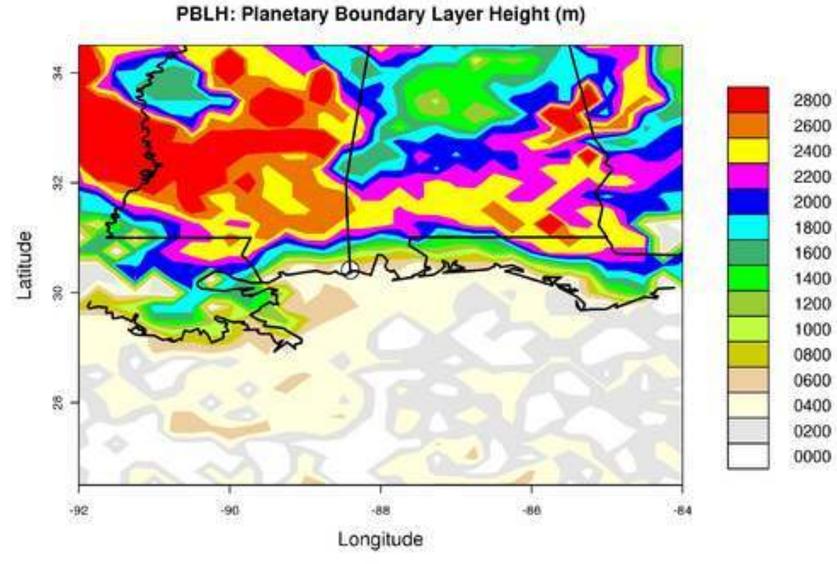

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

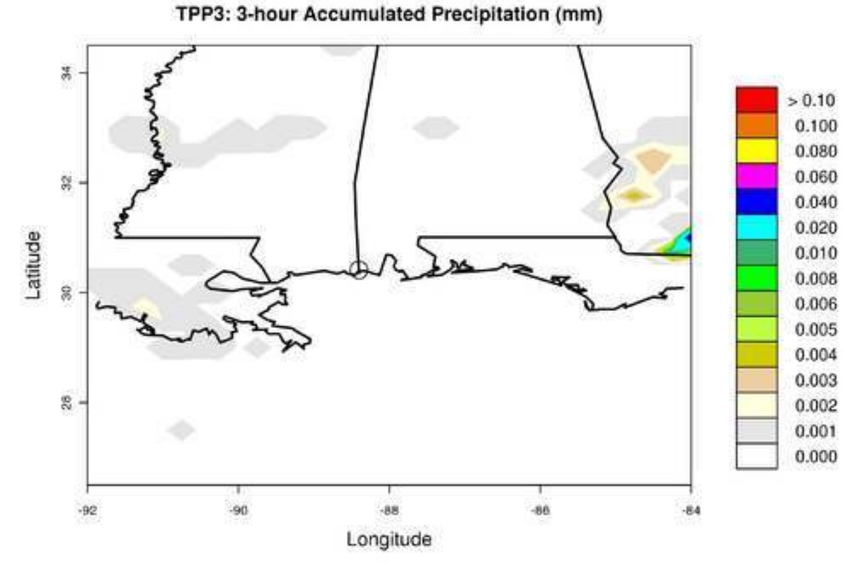

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

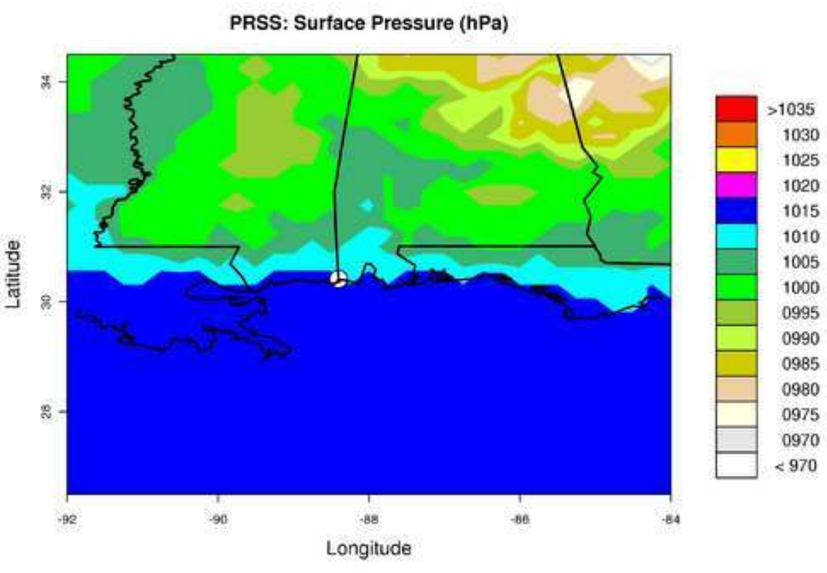

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

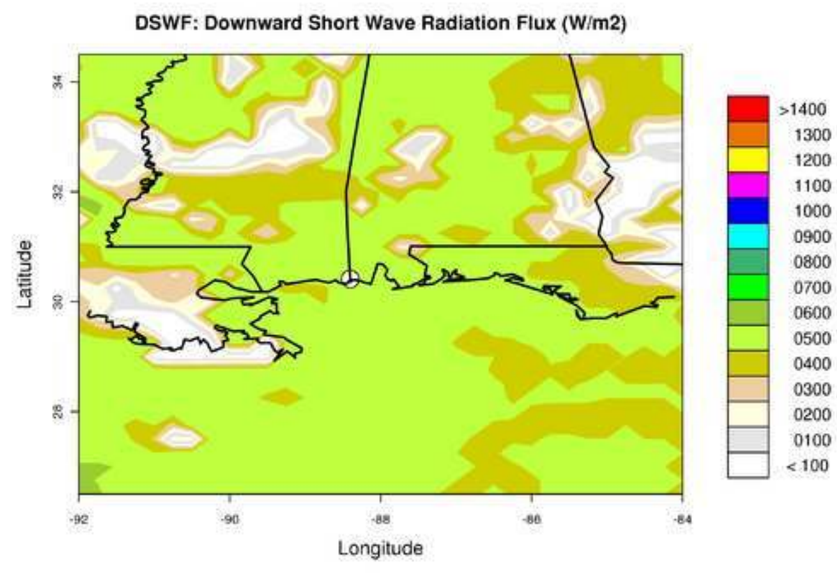

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

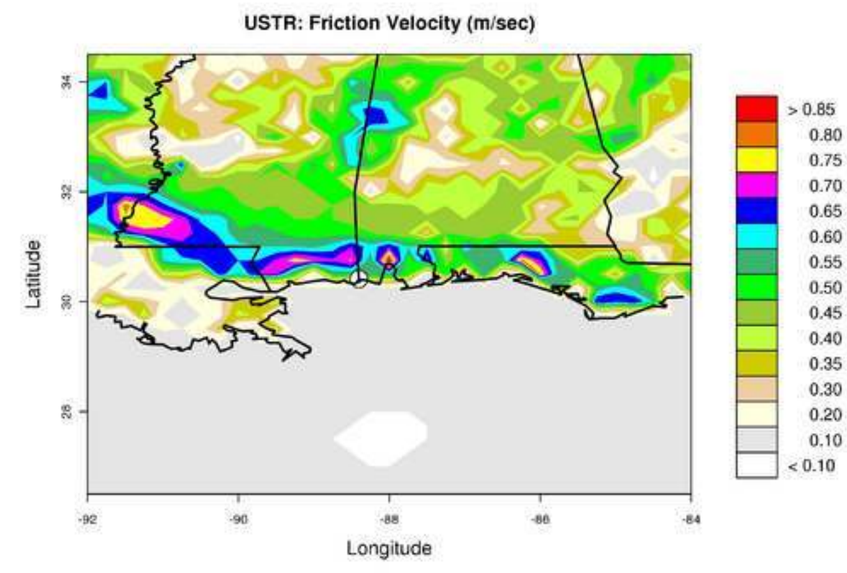

FORECAST for 2010_08_03, local hour = 17
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

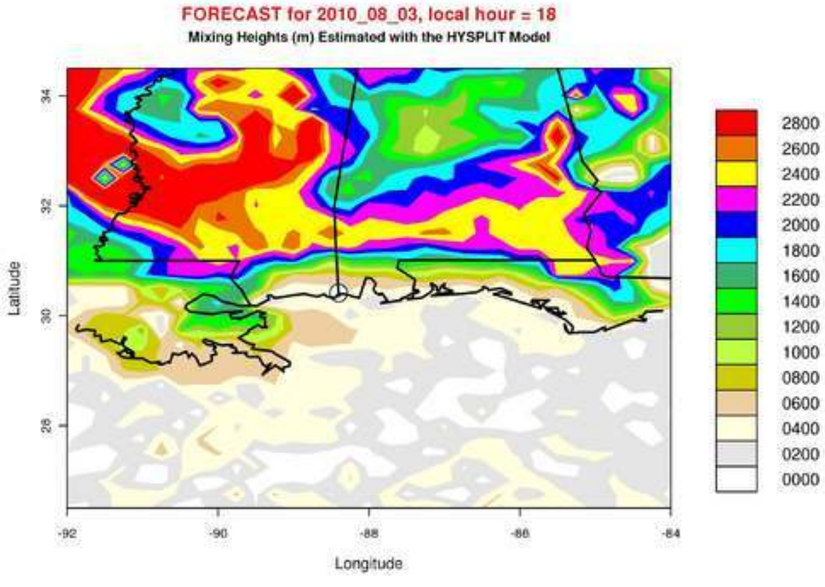

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

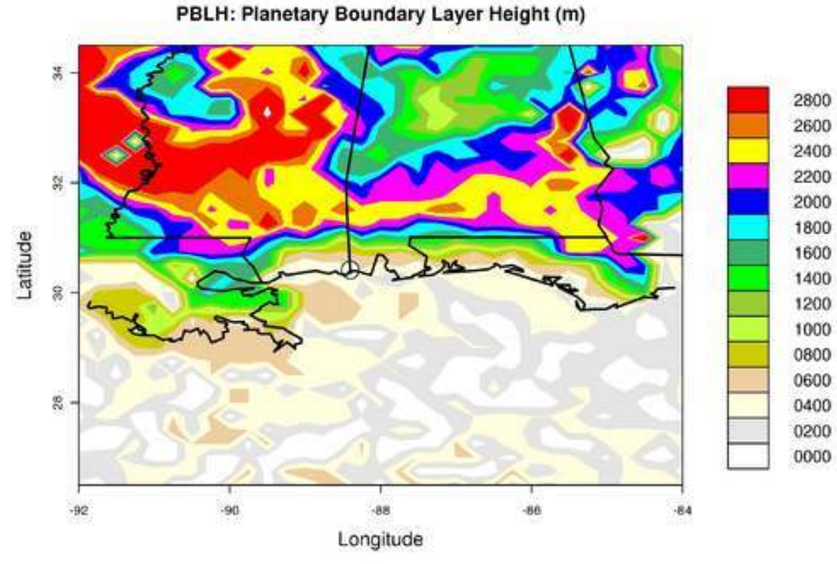

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

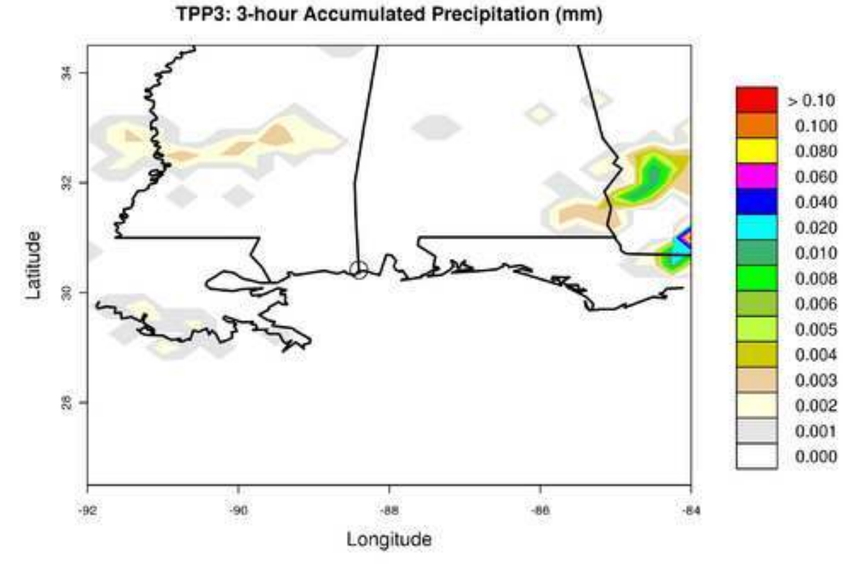

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

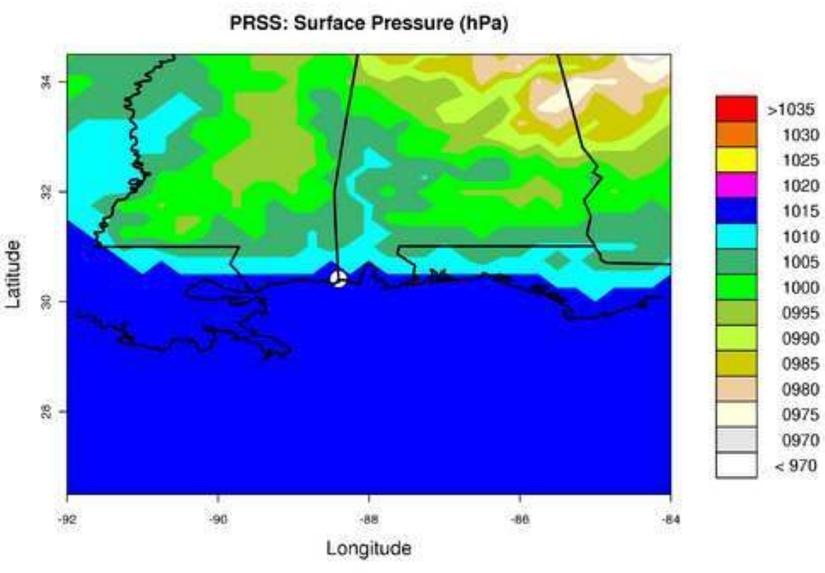

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

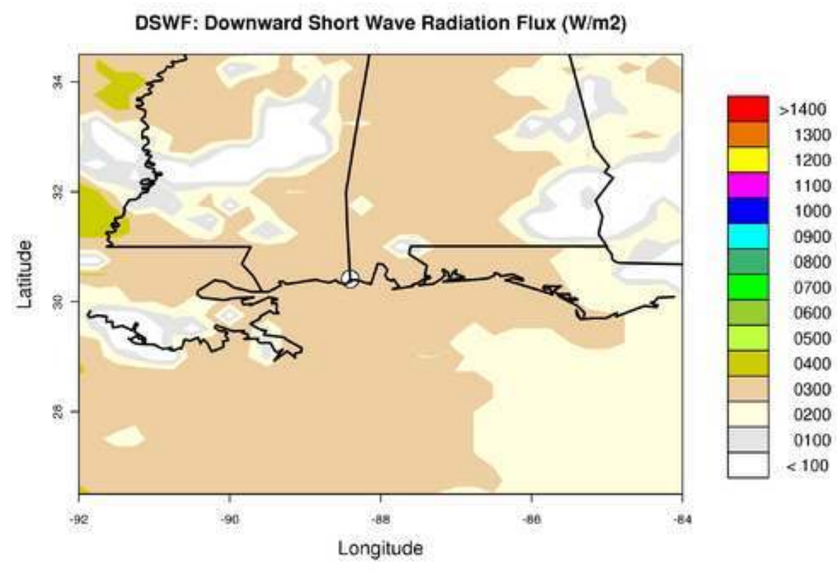

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

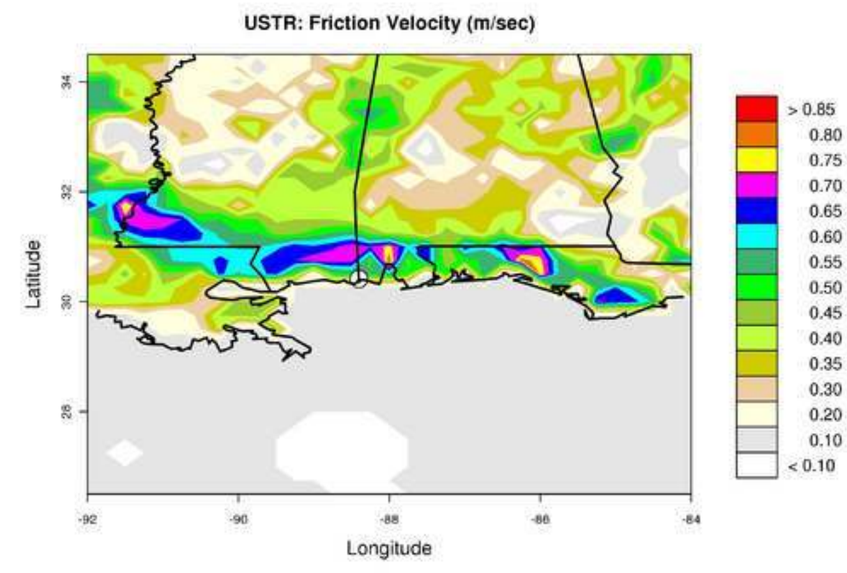

FORECAST for 2010_08_03, local hour = 18
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

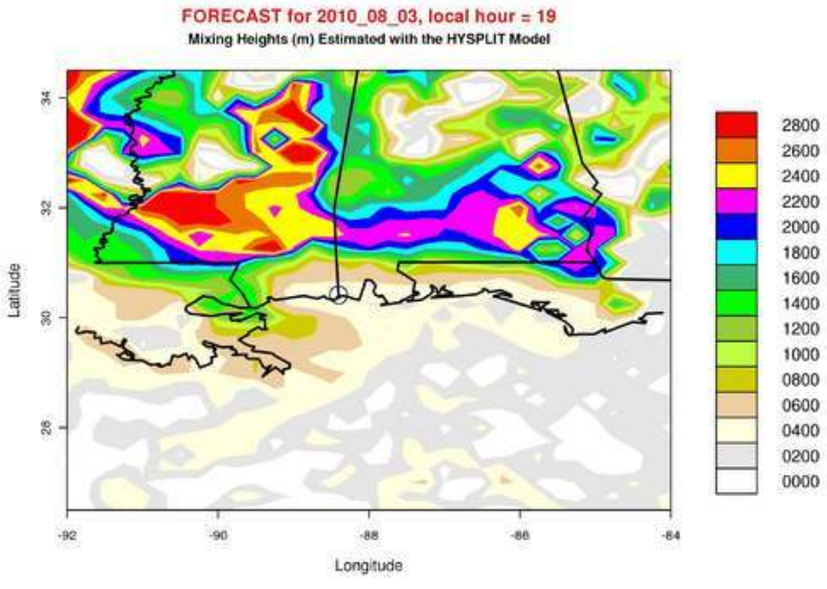

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

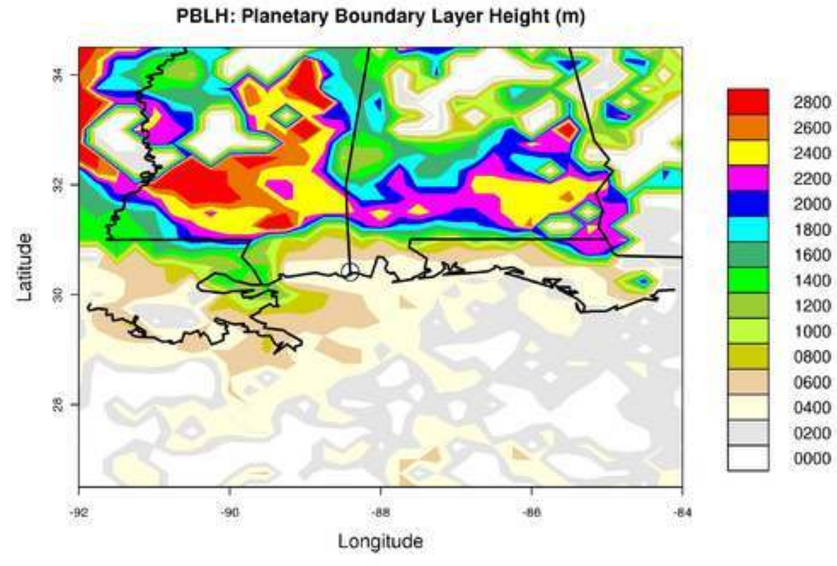

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

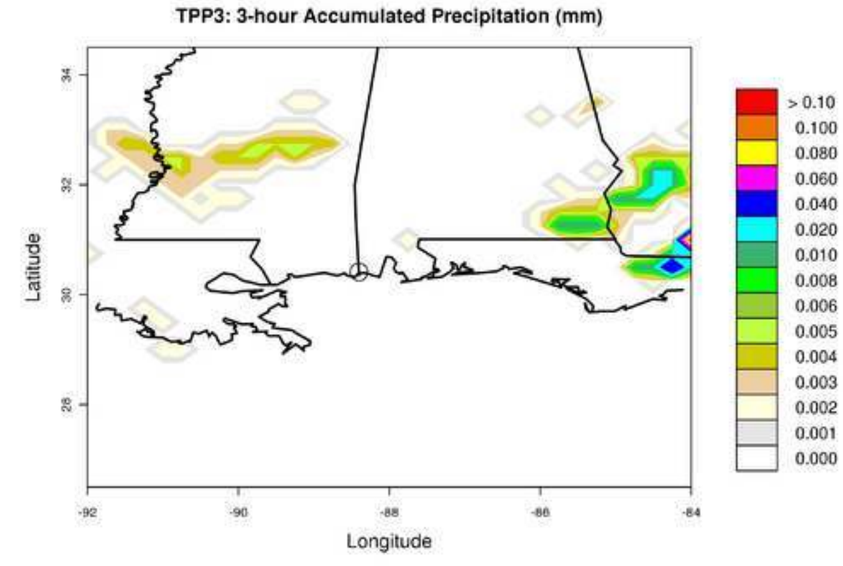

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

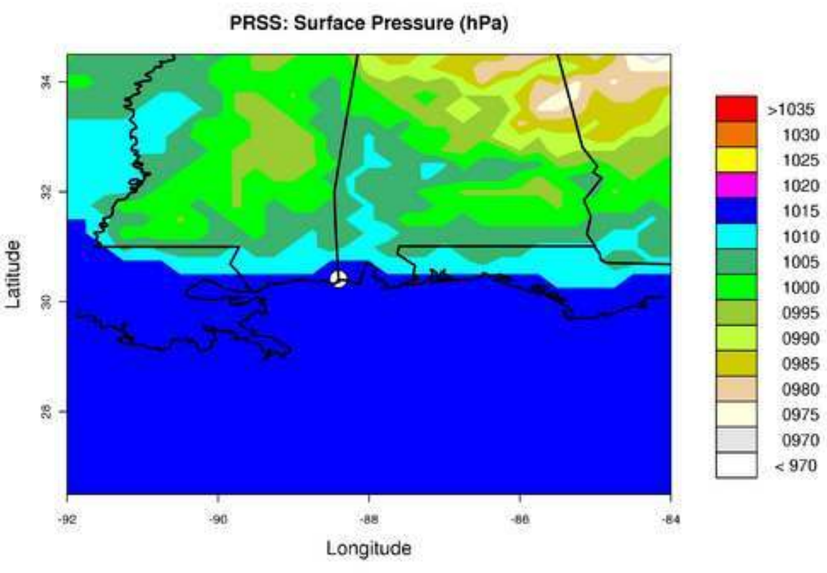

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

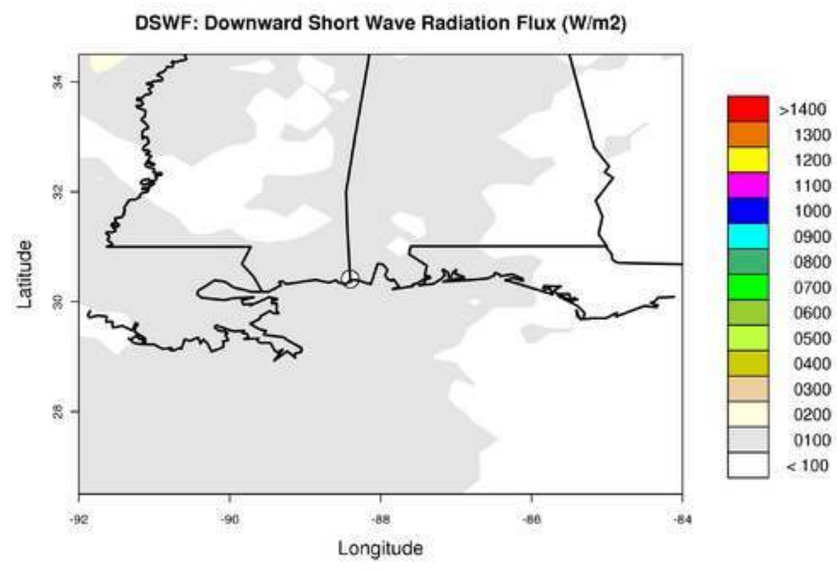

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

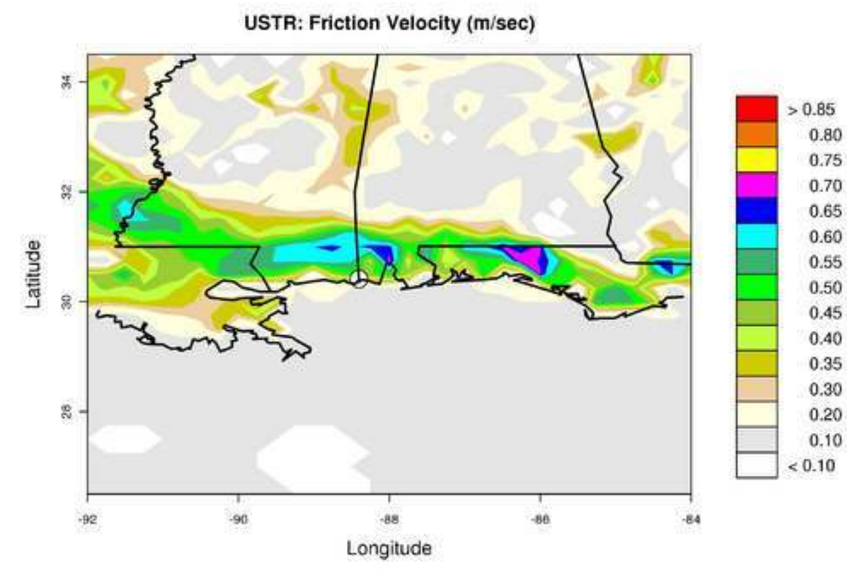

FORECAST for 2010_08_03, local hour = 19
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

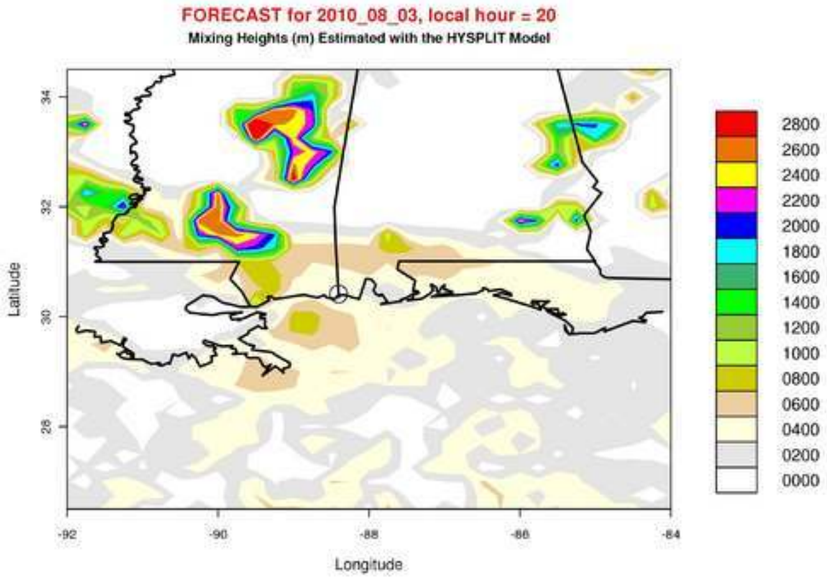

PBLH: Planetary Boundary Layer Height (m)
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000

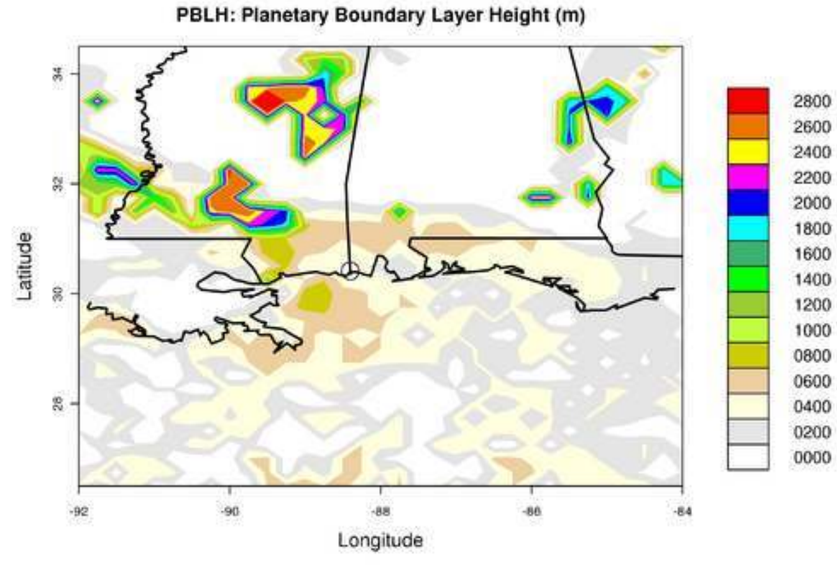

TPP3: 3-hour Accumulated Precipitation (mm)
Latitude
Longitude
> 0.10
0.100
0.080
0.060
0.040
0.020
0.010
0.008
0.006
0.005
0.004
0.003
0.002
0.001
0.000

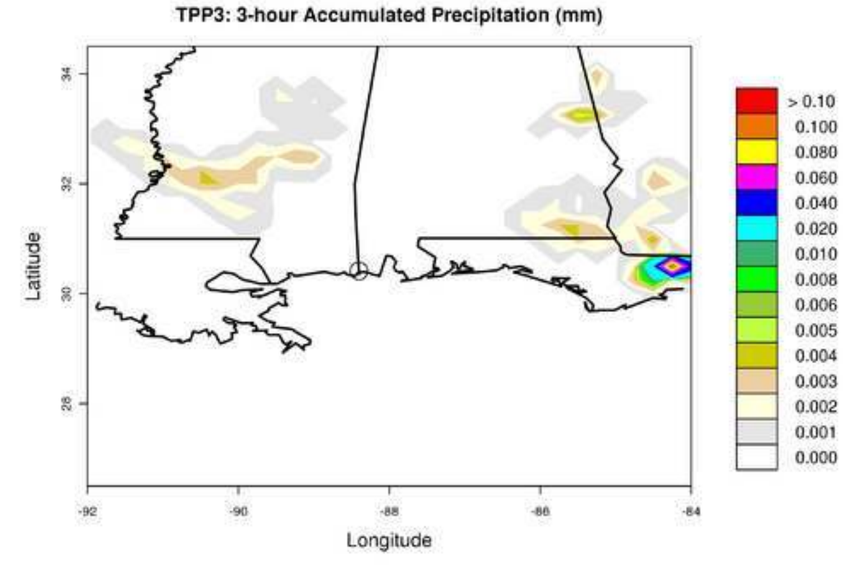

PRSS: Surface Pressure (hPa)
Latitude
Longitude
>1035
1030
1025
1020
1015
1010
1005
1000
0995
0990
0985
0980
0975
0970
< 970

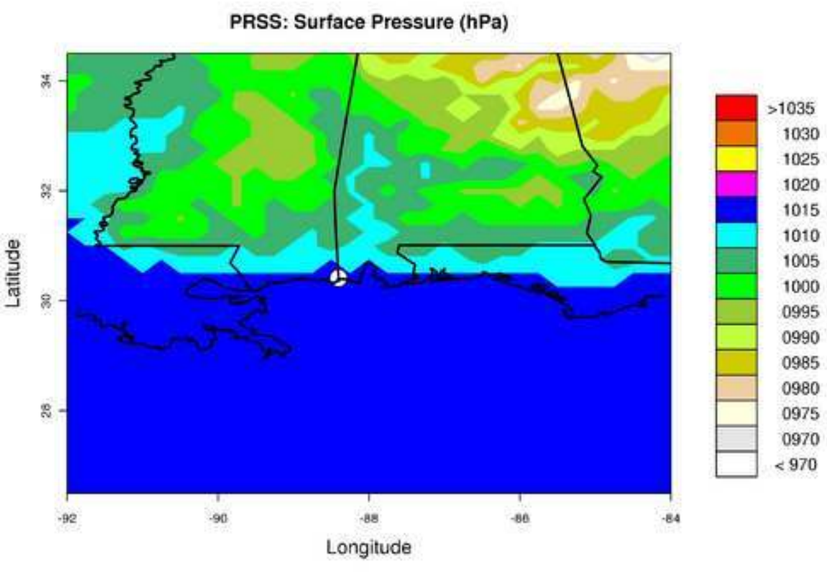

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100

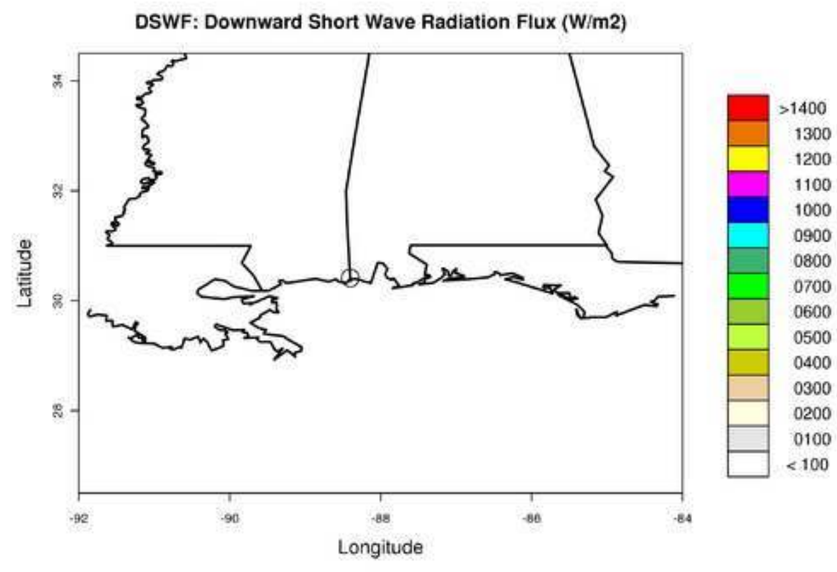

USTR: Friction Velocity (m/sec)
Latitude
Longitude
> 0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.20
0.10
< 0.10

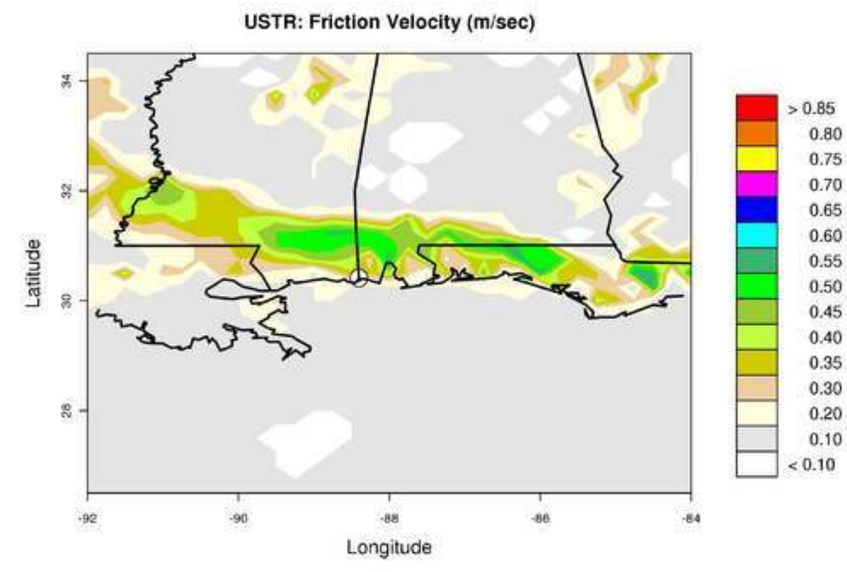

FORECAST for 2010_08_03, local hour = 20
Mixing Heights (m) Estimated with the HYSPLIT Model
Latitude
Longitude
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
0800
0600
0400
0200
0000


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

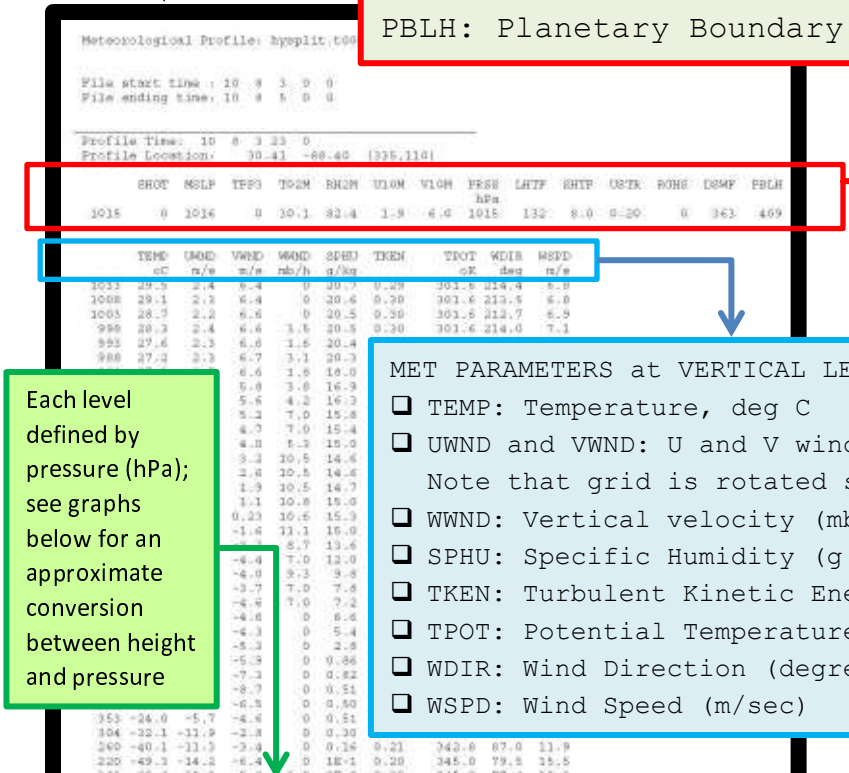

DSWF: Downward Short Wave Radiation Flux (W/m2)
Latitude
Longitude
>1400
1300
1200
1100
1000
0900
0800
0700
0600
0500
0400
0300
0200
0100
< 100


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 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]

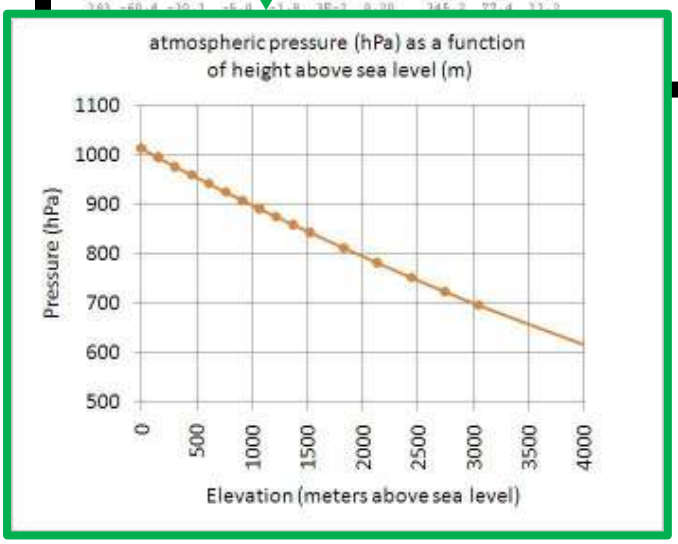
SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1015	0	1016	0	30.1	82.4	1.9	6.0	1015	132	8.0	0.20	0	363	469

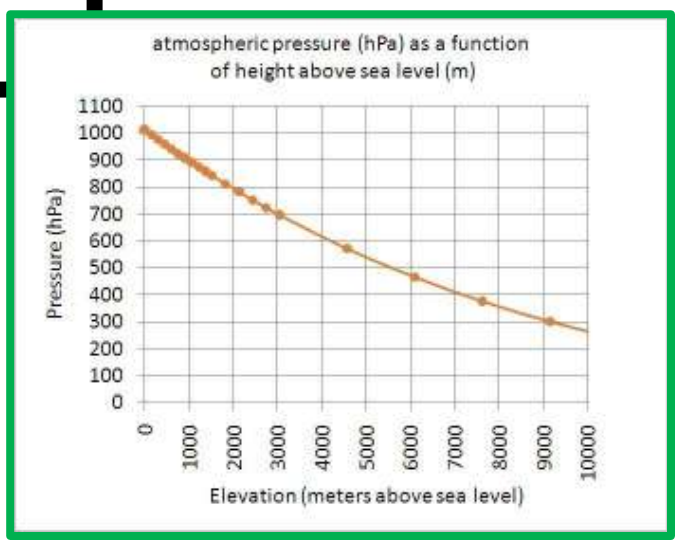
	TEMP cC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1013	29.5	2.4	6.4	0	20.7	0.29	301.6	214.4	6.8
1008	29.1	2.3	6.4	0	20.6	0.30	301.6	213.5	6.8
1003	28.7	2.2	6.6	0	20.5	0.30	301.6	212.7	6.9
998	28.3	2.4	6.6	1.6	20.5	0.30	301.6	214.0	7.1
993	27.6	2.3	6.6	1.6	20.4				
988	27.3	2.3	6.7	3.1	20.3				
			6.6	1.6	16.0				
			5.8	3.8	16.9				
			5.6	4.2	16.3				
			5.3	7.0	15.8				
			4.7	7.0	15.4				
			4.8	8.3	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 LEVEL 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 3 0 0
File ending time: 10 8 5 0 0

Profile Time: 10 8 3 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
1018	0	1018	0	30.5	81.0	0.66	-0.51	1018	52.0	0	1E-1	0	520	770

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1016	29.9	0.73	-0.58	0	20.2	0.25	301.7	322.1	0.9
1011	29.2	0.59	-0.69	-0.88	20.1	0.21	301.4	333.1	0.9
1006	28.8	0.74	-0.55	0	20.1	0.27	301.4	320.2	0.9
1001	28.4	0.68	-0.44	0	20.2	0.27	301.4	317.0	0.8
996	28.1	0.84	-0.52	0	20.2	0.27	301.5	315.7	1.0
991	27.5	0.73	-0.65	0	20.2	0.27	301.4	325.5	1.0
986	27.1	0.89	-0.52	0	20.2	0.27	301.5	314.2	1.0
981	26.6	0.78	-0.65	-0.94	20.1	0.27	301.5	323.9	1.0
975	26.2	0.74	-0.51	0	20.0	0.27	301.5	318.5	0.9
969	25.7	1.1	-0.47	-1.9	19.3	0.27	301.6	307.2	1.2
963	25.3	1.2	-0.62	0	18.9	0.18	301.7	311.4	1.3
957	25.1	1.4	-0.60	0	18.5	0.30	302.0	307.0	1.5
951	24.6	1.7	-0.69	0	18.0	0.30	302.1	305.7	1.9
944	24.4	1.8	-0.58	0	17.4	0.20	302.5	302.0	1.9
937	23.9	1.8	-0.52	0	16.6	0.20	302.6	299.9	1.9
929	23.6	2.0	-0.39	0	16.0	0.20	303.0	294.7	2.1
921	23.0	1.6	-0.18	0	15.4	0.20	303.2	290.3	1.6
899	21.6	0.29	-0.59	0	14.1	0.20	303.9	348.0	0.7
872	20.0	-0.68	-0.94	-1.8	12.5	0.20	304.9	49.8	1.2
841	18.5	-2.0	-2.0	-3.5	10.6	0.20	306.5	58.6	2.8
807	16.7	-3.1	-3.0	0	9.2	0.20	308.2	60.3	4.3
770	14.6	-5.1	-3.9	0	7.7	0.20	310.1	66.0	6.4
731	11.9	-4.1	-3.2	0	7.4	0.20	311.8	66.3	5.2
690	8.3	-2.6	-1.7	0	7.6	0.20	313.0	71.0	3.1
646	5.4	-3.7	-2.9	0	7.3	0.20	315.6	65.6	4.6
600	3.0	-3.3	-1.7	0	5.2	0.20	319.7	77.0	3.7
552	4E-2	-3.0	-2.4	0	3.1	0.20	323.9	65.7	3.8
503	-5.2	-3.1	-2.3	0	2.1	0.20	326.2	66.4	3.9
454	-10.7	-4.9	-2.4	0	0.84	0.20	329.0	77.4	5.5
404	-17.1	-9.5	-6.9	0	0.31	0.20	331.9	67.7	11.8
354	-24.6	-11.0	-5.5	0	0.47	0.20	334.6	77.3	12.3
305	-33.2	-13.1	-8.1	0	0.42	0.20	336.9	72.0	15.4
260	-41.7	-14.3	-10.4	0	0.21	0.20	340.2	68.0	17.7
221	-49.9	-17.6	-8.2	0	0.10	0.20	343.8	78.9	19.4
183	-61.7	-18.5	-4.8	0	3E-2	0.20	343.4	89.1	19.1
138	-70.4	-12.4	-6.3	0.66	1E-2	0.20	356.9	76.9	14.0
88	-66.1	-15.3	-4.0	-0.43	1E-2	0.20	414.4	89.3	15.8
63	-59.5	-21.1	-1.7	-0.48	1E-2	0.20	470.8	99.3	21.2
38	-48.8	-28.9	-6.0	0	2E-2	0.20	572.2	92.2	29.5

Meteorological Profile: hysplit.t00z.namsf

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

Profile Time: 10 8 3 15 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1018	0	1018	0	30.8	80.0	-0.47	0.27	1018	52.0	0	4E-2	0	688	951

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1016	30.1	-0.50	0.28	0	20.2	0.20	301.9	133.4	0.6
1011	29.7	-0.37	0	0	20.2	0.25	301.9	103.9	0.4
1006	29.3	-0.47	0.22	0	20.1	0.27	301.9	129.0	0.5
1001	28.9	-0.29	0.14	2.2	20.1	0.27	302.0	128.9	0.3
996	28.4	-0.36	0.22	0	20.1	0.27	301.9	135.1	0.4
991	27.9	-0.21	0	0	20.1	0.27	301.9	103.9	0.2
986	27.4	-0.24	0	0	20.0	0.27	301.8	103.9	0.2
981	26.9	-0.16	0	0	20.0	0.27	301.8	103.9	0.2
975	26.4	0	-0.16	0	19.9	0.27	301.8	13.9	0.2
969	26.0	0	-0.13	1.3	19.9	0.27	301.8	13.9	0.1
964	25.4	0.14	-0.30	0	19.7	0.30	301.7	349.1	0.3
957	25.2	0.40	-0.48	0	18.4	0.17	302.1	333.8	0.6
951	24.8	0.68	-0.33	0	17.7	0.17	302.3	309.9	0.8
944	24.6	1.1	-0.53	0	16.8	0.20	302.7	309.5	1.2
937	24.2	1.1	-0.64	0	16.2	0.20	303.0	314.8	1.2
929	23.8	1.2	-0.48	0	15.6	0.20	303.3	305.2	1.3
921	23.2	1.1	-0.25	0	15.0	0.20	303.5	296.8	1.1
899	21.7	0.32	-0.45	1.8	13.9	0.20	304.0	337.9	0.6
872	20.1	-0.62	-0.70	1.8	12.5	0.17	304.9	55.5	0.9
841	18.2	-2.0	-1.3	0	10.8	0.19	306.2	70.8	2.3
807	16.3	-3.4	-2.5	-3.5	9.4	0.20	307.8	67.7	4.2
770	14.3	-5.5	-3.5	0	7.9	0.20	309.7	71.1	6.5
732	11.8	-4.7	-2.7	0	7.2	0.20	311.7	73.4	5.4
690	8.3	-2.7	-1.9	-3.7	7.4	0.20	312.9	68.9	3.2
646	5.0	-3.2	-2.5	-7.0	7.4	0.20	315.2	65.3	4.1
600	2.7	-3.0	-1.1	-3.5	5.3	0.20	319.3	83.8	3.2
552	-1E-1	-2.3	-2.6	0	3.0	0.20	323.7	55.7	3.5
503	-5.1	-2.5	-3.2	0	2.0	0.20	326.3	51.3	4.1
454	-10.7	-4.1	-3.2	1.9	0.92	0.20	329.0	65.8	5.2
404	-17.2	-8.4	-7.0	5.3	0.31	0.20	331.7	64.1	10.9
354	-24.6	-10.1	-5.8	5.3	0.51	0.20	334.5	74.0	11.7
305	-33.1	-12.7	-8.4	0	0.45	0.20	337.1	70.3	15.2
260	-41.5	-13.3	-11.4	2.8	0.23	0.21	340.4	63.3	17.5
221	-49.7	-17.1	-8.3	3.9	0.11	0.21	344.1	78.0	19.0
183	-61.7	-20.1	-3.7	0	3E-2	0.20	343.5	93.6	20.5
138	-69.9	-14.0	-4.9	0.30	1E-2	0.20	357.9	84.6	14.9
88	-66.6	-14.4	-4.8	-0.33	1E-2	0.20	413.4	85.6	15.2
63	-58.8	-20.3	-0.15	-1E-1	1E-2	0.20	472.3	103.4	20.3
38	-48.9	-28.1	-6.7	-0.36	2E-2	0.20	571.9	90.5	28.9

Meteorological Profile: hysplit.t00z.namsf

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

Profile Time: 10 8 3 16 0
Profile Location: 30.41 -88.40 (335,110)

	SHGT	MSLP	TPP3	T02M	RH2M	U10M	V10M	PRSS hPa	LHTF	SHTF	USTR	RGHS	DSWF	PBLH
1020	0	1018	0	30.8	78.0	-0.88	1.4	1020	72.0	0	1E-1	0	717	1176

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1017	30.2	-0.86	1.6	0	20.6	0.24	301.9	166.0	1.8
1012	29.8	-0.79	1.6	1.5	20.3	0.30	301.9	167.3	1.8
1007	29.4	-0.85	1.5	1.8	20.3	0.30	301.9	164.1	1.7
1003	29.0	-0.66	1.4	1.7	20.3	0.30	301.9	168.3	1.5
997	28.6	-0.71	1.2	0	20.2	0.30	302.0	164.0	1.4
992	28.1	-0.51	1.1	1.5	20.2	0.30	301.9	169.0	1.2
987	27.6	-0.55	0.93	1.4	20.2	0.30	301.9	163.0	1.1
982	27.2	-0.41	0.91	0	20.1	0.30	301.9	169.7	1.0
976	26.7	-0.29	0.74	0	20.1	0.30	301.9	172.2	0.8
971	26.3	-0.22	0.63	1.4	19.8	0.30	302.0	174.2	0.7
965	25.9	0.30	0.22	2.8	19.0	0.30	302.2	248.4	0.4
958	25.7	0.43	0	4.3	17.7	0.30	302.5	283.9	0.4
952	25.2	0.47	-0.19	2.2	17.2	0.30	302.5	306.2	0.5
945	24.8	0.91	0	5.0	16.7	0.20	302.8	283.9	0.9
938	24.4	0.96	-0.32	6.0	16.1	0.20	303.1	302.2	1.0
930	24.0	1.1	-0.55	8.5	15.3	0.20	303.4	309.8	1.3
922	23.6	0.92	-0.63	9.2	14.8	0.20	303.7	318.0	1.1
900	22.1	0.39	-0.72	7.9	13.7	0.20	304.3	345.5	0.8
873	20.4	-0.64	-1.3	10.1	12.3	0.23	305.2	40.7	1.4
842	18.4	-1.8	-1.6	12.1	10.8	0.23	306.2	63.1	2.4
808	16.4	-3.8	-2.8	10.9	9.0	0.20	307.8	68.0	4.7
771	14.5	-5.6	-2.9	11.5	7.8	0.20	309.8	76.2	6.3
732	12.1	-4.7	-2.5	8.8	7.3	0.20	311.9	75.6	5.3
691	8.3	-2.4	-2.6	6.9	7.4	0.20	312.9	57.0	3.5
647	5.1	-3.2	-2.5	3.5	7.2	0.20	315.2	66.0	4.1
600	2.9	-2.9	-1.3	3.5	5.1	0.20	319.4	80.4	3.1
552	0.18	-2.7	-3.4	2.5	2.7	0.20	323.9	52.1	4.3
503	-4.9	-2.9	-4.4	2.4	1.8	0.20	326.5	47.5	5.2
454	-10.6	-4.4	-4.6	3.5	0.88	0.20	329.0	57.9	6.4
404	-17.2	-8.3	-6.9	0	0.33	0.20	331.6	63.9	10.8
354	-24.6	-9.9	-4.1	0	0.53	0.20	334.4	81.4	10.7
306	-33.2	-12.1	-7.7	-3.0	0.53	0.20	336.7	71.5	14.4
261	-41.6	-12.8	-9.5	-2.1	0.28	0.21	340.2	67.3	15.9
221	-49.4	-16.2	-8.9	0	0.13	0.23	344.4	74.9	18.5
184	-62.0	-18.4	-4.2	1.1	3E-2	0.20	342.9	91.0	18.9
139	-69.6	-12.7	-5.7	0.23	1E-2	0.20	358.2	79.8	13.9
89	-66.8	-14.3	-3.7	0	1E-2	0.20	412.9	89.6	14.8
63	-59.3	-18.7	0.59	0.91	1E-2	0.20	471.2	105.7	18.7
38	-48.0	-28.6	-6.4	-1E-1	2E-2	0.20	573.9	91.2	29.3

Meteorological Profile: hysplit.t00z.namsf

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

Profile Time: 10 8 3 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
1020	0	1018	0	30.9	80.0	-0.82	2.4	1020	80.0	0	0.11	0	615	1176

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1018	30.3	-1.1	2.7	0	21.2	0.17	302.0	172.1	2.9
1013	29.9	-0.93	2.6	0	20.8	0.17	302.0	174.5	2.8
1008	29.5	-1.0	2.5	-2.5	20.7	0.17	301.9	172.0	2.7
1003	29.0	-0.80	2.4	0	20.6	0.17	301.9	175.4	2.5
998	28.7	-0.84	2.2	0	20.5	0.17	302.1	173.0	2.4
993	28.3	-0.66	2.1	0	20.3	0.17	302.1	176.2	2.2
988	27.9	-0.69	1.9	0	20.2	0.17	302.1	173.9	2.0
982	27.4	-0.55	1.8	0	20.2	0.17	302.1	177.2	1.9
977	27.0	-0.30	1.2	-2.6	19.8	0.30	302.2	180.4	1.3
971	26.6	0	1.0	0	19.2	0.30	302.3	193.9	1.0
965	26.4	0	0.59	0	18.5	0.30	302.6	193.9	0.6
959	25.9	0.41	0.25	1.8	17.8	0.30	302.6	252.6	0.5
953	25.4	0.64	0	2.7	17.2	0.20	302.8	283.9	0.6
946	25.1	0.70	0	4.1	16.7	0.20	303.1	283.9	0.7
939	24.7	0.81	-0.30	7.0	16.1	0.20	303.3	303.9	0.9
931	24.3	1.1	-0.58	7.0	15.4	0.20	303.6	311.4	1.2
922	23.9	0.87	-1.1	8.8	14.6	0.20	304.0	336.6	1.4
901	22.4	0.37	-1.4	8.1	13.4	0.20	304.6	359.1	1.4
874	20.8	-0.70	-1.8	8.3	12.1	0.20	305.5	34.9	2.0
843	18.8	-2.1	-2.2	8.8	10.4	0.20	306.6	56.3	3.0
808	16.7	-4.5	-3.0	6.4	8.9	0.20	308.1	70.4	5.4
772	14.9	-5.9	-2.4	6.2	7.8	0.20	310.2	81.6	6.4
733	12.2	-4.5	-2.3	3.2	7.3	0.20	311.9	76.8	5.1
692	8.4	-2.2	-3.0	0	7.4	0.20	312.9	49.8	3.8
647	5.0	-3.1	-2.3	-3.5	7.3	0.20	315.0	66.6	3.9
601	2.7	-2.4	-1.1	-3.4	5.2	0.20	319.1	79.6	2.6
553	0.14	-2.7	-3.7	-3.0	2.6	0.20	323.8	49.7	4.5
504	-4.9	-3.2	-5.2	0	1.5	0.20	326.4	45.6	6.1
454	-10.8	-3.9	-5.5	0	0.85	0.20	328.7	48.8	6.7
405	-17.3	-7.2	-7.0	0	0.43	0.20	331.4	60.0	10.0
355	-24.7	-8.9	-3.6	0	0.57	0.20	334.2	81.8	9.6
306	-33.4	-10.9	-6.0	0	0.59	0.20	336.5	75.3	12.5
261	-41.4	-11.5	-7.8	0	0.28	0.20	340.3	69.6	13.9
221	-49.4	-17.0	-7.5	-3.8	0.13	0.23	344.5	80.0	18.6
184	-61.8	-17.6	-3.9	0	3E-2	0.20	343.0	91.3	18.1
139	-69.6	-13.8	-5.4	0	1E-2	0.20	358.2	82.3	14.8
89	-67.4	-13.4	-4.5	0.86	1E-2	0.20	411.6	85.3	14.1
63	-59.0	-17.2	1.4	-0.40	1E-2	0.20	471.6	108.4	17.3
38	-47.8	-29.1	-6.0	0.19	2E-2	0.20	574.5	92.3	29.7

Meteorological Profile: hysplit.t00z.namsf

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

Profile Time: 10 8 3 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
1017	0	1017	0	30.5	84.0	-1.2	3.9	1017	88.0	8.0	0.15	0	978	377

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1015	29.9	-1.4	4.1	0	21.8	0.17	301.8	174.5	4.3
1010	29.5	-1.3	4.0	0.95	21.2	0.17	301.8	176.1	4.2
1005	29.1	-1.4	3.9	2.6	21.2	0.18	301.9	174.4	4.2
1000	28.7	-1.2	3.8	0.88	21.0	0.18	301.8	176.1	4.0
995	28.2	-1.0	3.9	1.8	20.8	0.30	301.8	179.3	4.0
990	28.1	-1.1	3.5	1.8	20.4	0.30	302.1	177.2	3.7
985	27.6	-0.84	3.3	3.5	20.3	0.30	302.1	179.7	3.4
979	27.1	-0.65	3.3	1.8	19.9	0.30	302.1	182.6	3.3
974	27.1	-0.35	2.6	1.8	19.4	0.30	302.5	186.2	2.6
968	26.6	-0.32	2.1	2.9	18.7	0.30	302.6	185.1	2.1
962	26.5	0	1.8	5.1	18.1	0.30	303.0	193.9	1.8
956	26.1	0	1.3	4.8	17.4	0.30	303.1	193.9	1.3
950	25.7	0.24	1.0	6.7	17.0	0	303.3	207.2	1.1
943	25.3	0.35	0.81	8.1	16.6	0	303.5	217.0	0.9
936	24.9	0.34	0.40	8.4	16.1	0	303.8	234.3	0.5
928	24.5	0.33	-0.37	10.4	15.5	0	304.1	331.9	0.5
919	24.0	0.27	-0.99	10.6	14.8	0	304.4	358.8	1.0
898	22.6	0	-1.9	10.0	13.6	0.20	305.0	13.9	1.9
871	20.9	-1.2	-2.3	10.8	12.2	0.20	306.0	41.4	2.6
840	19.0	-2.4	-2.5	7.0	10.5	0.20	307.1	57.8	3.5
806	16.8	-5.0	-2.9	3.5	9.0	0.20	308.5	73.5	5.8
769	14.8	-6.2	-2.4	0	7.8	0.20	310.3	82.6	6.6
730	12.1	-4.6	-2.2	-4.3	7.5	0.20	312.1	77.8	5.1
689	8.1	-2.2	-3.6	-5.3	7.6	0.20	312.9	45.2	4.3
645	4.7	-2.9	-2.9	-5.3	7.4	0.20	314.9	58.5	4.1
599	2.2	-1.8	-1.4	-3.5	5.4	0.20	318.8	66.4	2.3
551	-0.13	-2.3	-3.9	-3.5	2.5	0.20	323.8	44.1	4.6
502	-4.9	-3.0	-5.6	0	1.1	0.20	326.7	42.2	6.3
453	-10.7	-3.6	-6.5	2.1	0.57	0.20	329.2	42.9	7.4
403	-17.2	-6.7	-7.4	4.8	0.60	0.20	331.9	56.2	10.0
353	-24.9	-8.2	-4.1	5.9	0.78	0.20	334.2	77.4	9.2
305	-33.1	-9.9	-6.2	0	0.60	0.20	337.2	71.8	11.6
260	-40.8	-10.8	-7.4	0	0.29	0.20	341.5	69.5	13.1
221	-49.4	-15.9	-7.5	0	0.12	0.20	344.7	78.5	17.6
183	-61.7	-18.7	-5.5	2.4	3E-2	0.20	343.6	87.4	19.5
138	-69.8	-13.7	-4.6	-0.88	1E-2	0.20	358.2	85.5	14.5
88	-66.9	-13.2	-5.0	0.70	1E-2	0.20	413.0	83.2	14.1
63	-59.4	-15.5	-0.64	0.59	1E-2	0.20	471.3	101.5	15.5
38	-48.1	-29.1	-5.0	0.59	2E-2	0.20	574.2	94.1	29.5

Meteorological Profile: hysplit.t00z.namsf

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

Profile Time: 10 8 3 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
1016	0	1017	0	30.3	86.0	-1.0	4.8	1016	104	8.0	0.18	0	907	89.4

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1014	29.4	-0.75	4.9	0.88	21.7	0.22	301.4	185.2	5.0
1009	29.0	-0.88	4.9	0.88	21.3	0.18	301.4	183.7	5.0
1004	28.7	-0.73	4.8	2.6	21.2	0.30	301.4	185.3	4.9
999	28.2	-0.75	5.0	4.4	21.1	0.30	301.4	185.2	5.0
994	27.8	-0.82	4.8	5.6	21.0	0.30	301.4	184.2	4.9
989	27.6	-0.65	4.7	5.4	20.3	0.30	301.7	185.9	4.7
984	27.2	-0.49	4.8	5.3	19.7	0.30	301.7	188.0	4.8
979	27.2	-0.53	4.5	6.2	19.1	0.30	302.2	187.1	4.5
973	27.1	0	3.6	7.0	18.3	0.30	302.6	193.9	3.6
968	26.9	-0.27	3.0	7.0	17.6	0.30	302.9	188.7	3.0
962	26.6	0	2.6	8.8	17.1	0.30	303.1	193.9	2.6
955	26.2	0	2.1	10.1	16.6	0.30	303.3	193.9	2.1
949	25.9	0	1.8	11.0	16.2	0.30	303.6	193.9	1.8
942	25.7	0.14	1.3	12.1	15.8	0	304.0	199.9	1.3
935	25.3	0.13	0.62	12.8	15.5	0	304.3	205.7	0.6
927	24.9	0.24	-0.38	13.6	15.3	0	304.6	342.2	0.4
919	24.4	0	-0.99	14.2	15.1	0.20	304.8	13.9	1.0
897	23.0	-0.44	-2.1	13.6	14.1	0.20	305.4	25.7	2.1
870	21.1	-1.3	-2.9	10.6	12.6	0.20	306.2	38.0	3.2
839	19.1	-2.9	-3.1	5.3	10.7	0.20	307.3	56.4	4.3
805	16.9	-4.9	-3.1	0	9.0	0.20	308.6	71.5	5.8
769	14.7	-6.0	-2.2	0	7.7	0.20	310.3	83.4	6.4
730	12.0	-4.5	-2.7	-8.8	7.6	0.20	312.0	72.6	5.3
689	8.0	-2.4	-4.2	-8.5	8.0	0.20	312.7	43.5	4.9
645	4.5	-2.9	-3.7	-4.3	7.6	0.20	314.7	51.6	4.7
599	1.8	-1.4	-2.5	-3.2	5.5	0.20	318.4	43.8	2.9
551	-0.33	-2.0	-4.3	0	2.2	0.20	323.6	39.0	4.7
502	-4.8	-3.0	-5.8	3.5	0.75	0.20	326.8	40.9	6.5
453	-10.4	-3.8	-7.5	7.0	0.51	0.20	329.6	40.6	8.3
403	-16.8	-6.4	-7.4	7.0	0.78	0.20	332.4	54.7	9.8
353	-24.8	-8.0	-3.9	10.5	0.82	0.20	334.4	77.8	8.9
305	-33.0	-10.7	-5.5	3.5	0.59	0.20	337.4	76.6	12.1
260	-40.3	-11.3	-6.6	0	0.30	0.20	342.3	73.5	13.1
221	-48.9	-15.8	-6.7	0	0.14	0.22	345.5	80.8	17.2
183	-61.5	-16.7	-5.5	2.0	3E-2	0.20	344.0	85.6	17.6
138	-69.9	-13.6	-3.8	-1.4	1E-2	0.20	358.1	88.4	14.2
88	-67.0	-13.8	-4.1	-0.12	1E-2	0.20	412.7	87.5	14.3
63	-59.4	-15.2	-3.1	0.24	1E-2	0.20	471.2	92.2	15.5
38	-47.4	-27.8	-4.0	0	2E-2	0.20	576.0	95.8	28.1

Meteorological Profile: hysplit.t00z.namsf

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

Profile Time: 10 8 3 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
1016	0	1017	0	29.8	86.4	-0.24	5.6	1016	112	16.0	0.19	0	788	537

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1014	29.2	0	5.7	0	21.4	0.22	301.2	193.9	5.7
1009	28.8	0	5.7	0	21.2	0.18	301.2	193.9	5.7
1004	28.2	-0.15	5.9	4.4	21.1	0.30	301.0	192.4	5.9
999	27.8	0	6.0	5.2	21.0	0.30	301.0	193.9	6.0
994	27.5	0	5.9	4.4	21.0	0.30	301.2	193.9	5.9
989	27.2	0	5.8	4.8	19.9	0.30	301.3	193.9	5.8
984	26.9	0	5.9	7.8	19.2	0.30	301.5	193.9	5.9
979	27.0	0.19	5.6	5.3	18.5	0.30	302.0	195.8	5.6
973	27.1	0.21	4.6	8.8	17.8	0.30	302.6	196.5	4.6
967	26.9	0	4.2	8.8	17.0	0.30	302.9	193.9	4.2
962	26.8	0	3.8	8.8	16.4	0.30	303.4	193.9	3.8
955	26.5	0	3.2	10.5	16.0	0.30	303.6	193.9	3.2
949	26.3	0	2.8	8.8	15.5	0.30	304.0	193.9	2.8
942	26.0	0	2.0	10.5	15.2	0.30	304.3	193.9	2.0
935	25.6	0.13	1.1	10.3	15.3	0	304.6	200.7	1.1
927	25.2	-0.24	0.25	9.9	15.3	0	304.9	149.7	0.3
919	24.6	-0.37	-0.35	10.5	15.4	0	305.1	60.6	0.5
897	23.1	-0.54	-2.0	9.5	14.8	0.20	305.6	28.7	2.1
870	21.2	-1.3	-3.4	5.5	13.2	0.20	306.3	35.2	3.6
839	19.1	-3.1	-3.5	2.2	11.0	0.20	307.3	55.5	4.6
805	16.9	-5.0	-3.3	0	9.3	0.20	308.6	70.3	5.9
769	14.5	-6.0	-2.5	-7.0	7.9	0.20	310.1	81.4	6.5
730	11.8	-4.5	-2.9	-7.0	7.5	0.20	311.8	70.9	5.3
689	7.6	-2.8	-4.5	-7.0	8.1	0.20	312.4	45.6	5.3
645	4.2	-3.0	-4.4	-7.0	7.7	0.20	314.4	48.3	5.3
599	1.3	-1.4	-3.5	-7.0	5.7	0.20	317.9	36.1	3.8
551	-0.69	-1.9	-4.8	0	2.1	0.20	323.2	35.9	5.2
502	-4.7	-2.5	-6.3	0	0.59	0.20	326.9	35.6	6.8
453	-10.1	-3.7	-8.1	7.0	0.66	0.20	329.9	38.5	8.9
403	-16.5	-6.1	-7.0	8.8	0.87	0.20	332.9	55.1	9.3
353	-24.5	-7.5	-4.4	10.5	0.75	0.20	334.9	73.7	8.7
305	-32.7	-12.3	-4.0	10.5	0.39	0.20	337.9	86.0	12.9
260	-40.8	-12.1	-6.8	5.3	0.23	0.20	341.7	74.6	13.9
221	-47.8	-17.3	-4.5	-12.1	0.11	0.95	347.3	89.4	17.9
183	-61.6	-15.9	-4.0	-6.6	3E-2	3.6	343.8	89.7	16.4
138	-70.7	-13.8	-4.3	-3.7	1E-2	0.20	356.5	86.6	14.4
88	-66.6	-14.3	-3.4	0	1E-2	0.20	413.6	90.4	14.8
63	-59.4	-14.4	-3.1	0.23	1E-2	0.20	471.3	91.9	14.7
38	-47.6	-27.4	-4.2	-0.30	2E-2	0.20	575.6	95.1	27.7

Meteorological Profile: hysplit.t00z.namsf

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

Profile Time: 10 8 3 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
1017	0	1016	0	29.9	85.8	0.67	5.7	1017	120	16.0	0.19	0	679	346

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1015	29.1	0.92	6.2	1.8	21.3	0.22	301.0	202.4	6.2
1010	28.7	0.77	6.1	0	21.3	0.18	301.0	201.0	6.2
1005	28.3	0.93	6.3	0	21.1	0.18	301.0	202.3	6.4
1000	27.9	0.87	6.4	5.3	21.0	0.18	301.0	201.7	6.4
995	27.4	0.82	6.3	3.5	20.9	0.18	301.0	201.3	6.4
990	27.2	0.76	6.5	5.3	19.8	0.18	301.2	200.6	6.5
985	27.0	0.90	6.4	5.3	19.1	0.18	301.5	201.9	6.4
979	27.1	0.82	6.3	7.0	18.3	0.18	302.0	201.4	6.3
974	27.1	0.61	5.1	3.5	17.5	0.18	302.6	200.7	5.1
968	26.9	0.66	4.6	3.5	16.7	0.18	302.9	202.0	4.7
962	26.9	0.58	4.6	3.5	16.2	0.30	303.4	201.0	4.6
956	26.7	0.51	3.9	7.0	15.7	0.30	303.7	201.3	3.9
950	26.4	0.36	3.3	6.9	15.2	0.30	304.1	200.1	3.3
943	26.1	0.41	2.5	6.2	14.9	0.20	304.4	203.4	2.5
936	25.8	0	1.7	6.8	15.0	0.20	304.7	193.9	1.7
928	25.3	-0.17	0.84	4.0	15.2	0.20	304.9	182.3	0.9
919	24.6	-0.52	0	3.8	15.5	0.20	305.0	103.9	0.5
898	23.0	-0.75	-1.9	3.5	15.4	0.20	305.4	35.7	2.0
871	21.2	-1.5	-3.5	0	13.9	0.20	306.2	37.7	3.8
840	19.0	-3.1	-3.8	-3.5	11.7	0.20	307.1	53.2	5.0
806	16.9	-5.2	-3.5	0	9.8	0.20	308.5	69.7	6.3
769	14.4	-6.0	-2.9	0	8.1	0.20	309.9	77.9	6.7
731	11.3	-4.5	-3.2	-7.7	7.3	0.20	311.2	68.8	5.5
689	7.4	-3.1	-4.4	-8.4	8.0	0.20	312.0	49.1	5.4
645	4.0	-2.9	-4.7	-8.0	7.4	0.20	314.1	45.3	5.5
599	0.98	-1.7	-4.9	-7.4	5.6	0.20	317.4	33.5	5.2
551	-1.2	-2.1	-5.3	-7.0	2.1	0.20	322.5	35.1	5.7
502	-4.8	-2.3	-6.7	0	0.73	0.20	326.8	32.6	7.1
453	-9.8	-4.3	-8.3	0	0.78	0.20	330.3	41.1	9.4
403	-16.2	-6.2	-7.1	0	0.77	0.20	333.2	55.4	9.4
353	-24.2	-6.9	-4.7	3.5	0.64	0.20	335.2	69.5	8.3
305	-32.3	-12.8	-4.9	0	0.31	0.20	338.2	82.9	13.7
260	-40.2	-14.9	-5.9	5.4	0.20	0.20	342.4	82.1	16.0
221	-48.6	-17.6	-4.8	0	0.11	0.20	345.9	88.7	18.2
183	-61.4	-13.6	-2.5	0	3E-2	0.20	344.1	93.4	13.8
138	-71.4	-12.5	-5.2	-1.1	1E-2	0.20	355.3	81.3	13.6
88	-67.1	-15.4	-3.7	-0.77	1E-2	0.20	412.6	90.5	15.9
63	-59.3	-15.7	-2.8	0.55	1E-2	0.20	471.5	93.8	15.9
38	-46.8	-26.0	-4.7	0.62	2E-2	0.20	577.6	93.5	26.5

Meteorological Profile: hysplit.t00z.namsf

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

Profile Time: 10 8 3 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
1016	0	1016	0	30.1	83.8	1.3	5.8	1016	124	16.0	0.20	0	565	453

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1014	29.3	1.8	6.2	0	21.0	0.26	301.3	210.1	6.5
1009	28.9	1.9	6.3	0	21.0	0.31	301.3	210.9	6.5
1004	28.5	1.9	6.4	3.5	20.8	0.24	301.3	210.1	6.6
999	28.1	1.8	6.5	4.8	20.9	0.29	301.3	209.5	6.8
994	27.7	1.7	6.4	3.5	20.7	0.23	301.3	209.1	6.6
989	27.2	1.9	6.5	7.0	20.6	0.30	301.3	210.2	6.8
984	27.2	1.8	6.4	5.3	18.9	0.18	301.8	209.8	6.7
978	27.3	1.9	5.9	5.3	17.9	0.18	302.4	212.2	6.2
973	27.5	1.4	5.2	5.5	17.0	0.18	303.0	209.1	5.4
967	27.3	1.5	5.0	8.8	16.5	0.18	303.3	210.8	5.3
961	27.0	1.3	4.6	8.8	15.9	0.18	303.6	210.0	4.8
955	26.8	1.4	3.9	8.8	15.5	0.18	304.0	213.1	4.1
949	26.5	1.1	3.2	12.3	15.0	0.24	304.2	212.6	3.4
942	26.3	0.64	2.4	9.7	14.6	0.20	304.7	208.6	2.5
935	25.9	0.38	1.8	10.5	14.7	0.20	304.9	205.9	1.8
927	25.4	0	0.96	13.1	15.1	0.20	305.1	193.9	1.0
918	24.7	0	0.39	10.5	15.4	0.20	305.2	193.9	0.4
897	23.1	-0.66	-1.6	9.5	15.5	0.20	305.6	36.4	1.7
870	21.4	-1.8	-3.3	9.5	13.7	0.20	306.5	42.2	3.8
839	19.2	-3.6	-3.9	7.0	11.8	0.20	307.4	55.9	5.3
805	17.0	-5.4	-3.8	7.4	9.9	0.20	308.7	68.8	6.6
769	14.3	-5.7	-3.4	7.2	7.9	0.20	310.0	72.9	6.7
730	11.1	-4.4	-3.9	0	7.2	0.20	311.0	62.2	5.9
689	7.3	-3.2	-4.6	-7.2	7.6	0.20	312.0	48.4	5.6
645	3.9	-3.0	-4.7	0	6.7	0.20	314.2	46.6	5.6
598	0.93	-2.4	-5.4	0	4.7	0.20	317.4	37.8	5.9
550	-1.4	-2.8	-5.9	0	1.6	0.20	322.4	39.4	6.5
502	-4.8	-2.6	-7.2	0	0.83	0.20	326.9	33.5	7.6
453	-9.5	-5.0	-8.5	0	0.54	0.20	330.7	44.3	9.9
403	-16.1	-6.5	-6.6	0	0.59	0.20	333.5	58.1	9.2
353	-24.1	-6.6	-4.4	4.8	0.57	0.20	335.4	70.6	7.9
305	-32.2	-12.7	-3.4	0	0.31	0.20	338.6	88.9	13.1
260	-39.8	-13.5	-3.3	-2.4	0.18	0.20	343.1	90.3	13.9
220	-49.3	-14.9	-7.7	-2.3	1E-1	0.20	344.9	76.6	16.8
183	-60.5	-11.8	-3.7	-2.0	3E-2	0.20	345.6	86.3	12.4
138	-70.9	-12.0	-4.5	-3.3	1E-2	0.20	356.3	83.1	12.8
88	-66.8	-16.2	-3.4	1.1	1E-2	0.20	413.3	92.1	16.5
63	-59.2	-14.2	-3.3	-0.23	1E-2	0.20	471.7	90.9	14.6
38	-47.3	-26.0	-4.7	-1.4	2E-2	0.20	576.3	93.7	26.4

Meteorological Profile: hysplit.t00z.namsf

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	409

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1013	29.5	2.4	6.4	0	20.7	0.29	301.6	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	3.5	20.5	0.30	301.6	214.0	7.1
993	27.6	2.3	6.6	1.6	20.4	0.30	301.3	213.3	7.0
988	27.2	2.3	6.7	3.1	20.3	0.20	301.4	212.8	7.1
983	27.5	2.7	6.6	1.8	18.0	0.20	302.1	216.0	7.1
978	27.8	2.6	5.8	3.8	16.9	0.20	302.9	217.8	6.3
972	27.9	2.2	5.6	4.2	16.3	0	303.5	215.4	6.0
966	27.7	2.2	5.2	7.0	15.8	0	303.8	216.9	5.6
961	27.4	2.1	4.7	7.0	15.4	0	304.0	217.8	5.1
954	27.2	1.6	4.0	5.3	15.0	0	304.4	216.2	4.3
948	26.9	1.2	3.2	10.5	14.6	0	304.7	214.1	3.4
941	26.5	0.73	2.6	10.5	14.6	0	304.9	209.8	2.7
934	26.1	0.33	1.9	10.5	14.7	0	305.1	203.7	1.9
926	25.5	0.17	1.1	10.8	15.0	0	305.3	202.7	1.1
918	25.0	0	0.23	10.6	15.3	0	305.6	193.9	0.2
896	23.4	-0.88	-1.6	11.1	15.0	0.20	306.0	42.0	1.9
869	21.8	-2.4	-3.2	8.7	13.6	0.20	307.0	50.7	4.0
838	19.5	-4.3	-4.4	7.0	12.0	0.20	307.7	58.6	6.2
804	17.1	-5.7	-4.0	9.3	9.8	0.20	308.9	68.8	6.9
768	14.4	-4.8	-3.7	7.0	7.8	0.20	310.1	66.1	6.1
729	10.8	-4.0	-4.6	7.0	7.2	0.20	310.8	55.0	6.1
688	7.4	-2.9	-4.6	0	6.6	0.20	312.2	46.4	5.4
644	4.3	-3.1	-4.3	0	5.4	0.20	314.7	49.2	5.3
598	1.5	-3.3	-5.3	0	2.8	0.20	318.1	46.1	6.3
550	-1.2	-3.1	-5.9	0	0.86	0.20	322.6	41.9	6.7
501	-4.7	-2.7	-7.3	0	0.82	0.20	327.0	34.2	7.8
452	-9.3	-5.2	-8.7	0	0.51	0.20	331.1	44.7	10.1
403	-16.0	-5.7	-6.5	0	0.50	0.20	333.6	55.0	8.7
353	-24.0	-5.7	-4.6	0	0.51	0.20	335.6	65.3	7.3
304	-32.1	-11.9	-2.8	0	0.30	0.20	338.8	90.7	12.3
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
183	-60.8	-10.1	-5.0	-1.8	3E-2	0.20	345.2	77.4	11.2
138	-71.2	-12.0	-5.3	-0.80	1E-2	0.20	355.9	80.2	13.1
88	-65.8	-16.1	-1.7	0.86	1E-2	0.20	415.4	97.7	16.2
63	-58.5	-12.8	-5.3	-0.10	1E-2	0.20	473.3	81.2	13.8
38	-48.1	-25.6	-5.6	0.68	2E-2	0.20	574.5	91.6	26.1

Meteorological Profile: hysplit.t00z.namsf

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

Profile Time: 10 8 4 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
1015	0	1016	0	30.3	80.9	2.4	5.9	1015	132	8.0	0.20	0	142	409

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1012	29.5	3.0	6.7	0	20.6	0.30	301.6	217.8	7.3
1008	29.1	3.1	6.7	0	20.5	0.33	301.6	218.9	7.4
1003	28.7	3.0	6.8	-2.5	20.3	0.33	301.6	218.0	7.4
998	28.3	3.2	6.7	0	20.4	0.20	301.7	219.5	7.4
993	27.9	3.2	6.8	0	20.2	0.20	301.6	218.9	7.5
988	27.4	3.1	6.9	0	20.1	0.20	301.6	218.0	7.6
982	28.0	3.8	6.8	0	17.2	0.20	302.7	223.0	7.8
977	28.1	3.5	6.0	0	16.2	0.20	303.3	224.4	6.9
972	28.0	3.6	5.9	0	16.0	0.20	303.6	225.7	6.9
966	27.7	3.1	5.3	3.5	15.6	0.20	303.9	224.4	6.2
960	27.4	2.8	4.8	0	15.2	0.20	304.1	224.0	5.6
954	27.2	2.5	4.1	3.5	14.7	0.20	304.4	224.7	4.8
947	26.9	1.9	3.5	3.5	14.4	0.20	304.7	221.8	3.9
941	26.7	1.1	2.7	4.3	14.3	0.20	305.2	216.0	2.9
934	26.2	0.74	2.2	4.2	14.5	0.20	305.3	212.7	2.3
926	25.8	0.32	1.3	0	14.8	0.20	305.6	207.6	1.4
917	25.1	-0.13	0.40	0	15.2	0.20	305.7	176.4	0.4
896	23.7	-1.1	-1.5	0	15.0	0.20	306.3	49.4	1.9
869	21.8	-2.9	-3.4	0	14.0	0.20	307.1	53.9	4.4
838	19.5	-4.3	-4.2	0	12.2	0.20	307.9	59.4	6.0
804	17.3	-5.3	-3.7	7.0	9.5	0.20	309.2	69.3	6.5
768	14.4	-4.1	-4.0	7.0	7.6	0.20	310.2	59.1	5.7
729	11.0	-4.0	-5.1	14.1	6.2	0.20	311.1	51.8	6.4
688	7.8	-3.2	-4.6	7.0	5.3	0.20	312.7	49.1	5.6
644	4.8	-2.9	-4.3	7.0	3.9	0.20	315.2	48.0	5.2
598	2.1	-4.4	-4.9	7.0	1.5	0.20	319.0	56.2	6.6
550	-0.95	-3.4	-6.3	7.0	0.92	0.20	323.0	42.5	7.1
501	-4.7	-2.8	-8.0	7.0	0.94	0.20	327.1	33.0	8.5
452	-9.3	-5.1	-8.5	0	0.49	0.20	331.2	44.9	9.9
402	-16.0	-4.9	-6.6	0	0.50	0.20	333.7	50.7	8.2
353	-24.0	-5.4	-4.7	0	0.49	0.20	335.7	62.5	7.1
304	-32.0	-10.4	-2.8	0	0.26	0.20	339.0	88.8	10.8
259	-40.1	-12.3	-5.9	0	0.14	0.23	342.8	78.3	13.6
220	-49.2	-12.1	-8.6	0	1E-1	0.20	345.2	68.6	14.8
183	-60.8	-7.9	-6.5	0	3E-2	0.20	345.2	64.5	10.2
138	-71.2	-11.0	-5.4	0	1E-2	0.20	355.8	77.6	12.3
88	-65.8	-15.4	-1.2	0.62	1E-2	0.20	415.5	99.2	15.5
63	-58.4	-13.1	-6.2	-0.44	1E-2	0.20	473.7	78.6	14.5
38	-48.5	-25.6	-6.8	-0.53	2E-2	0.20	573.6	89.0	26.5

Meteorological Profile: hysplit.t00z.namsf

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

Profile Time: 10 8 4 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
1015	0	1016	0	30.6	82.0	3.3	5.3	1015	124	8.0	0.19	0	0	473

	TEMP oC	UWND m/s	VWND m/s	WWND mb/h	SPHU g/kg	TKEN	TPOT oK	WDIR deg	WSPD m/s
1013	29.7	3.8	6.1	-1.8	21.0	0.25	301.8	225.8	7.2
1008	29.3	4.0	6.1	-1.8	20.9	0.33	301.8	227.4	7.3
1003	29.0	3.9	6.0	-0.93	20.8	0.33	301.9	227.2	7.1
998	28.5	3.9	6.1	0	20.8	0.33	301.8	226.3	7.2
993	28.1	4.1	6.2	0	20.7	0.33	301.8	227.2	7.4
988	27.7	4.0	6.1	-2.7	20.7	0.33	301.9	227.0	7.3
983	27.8	4.9	6.4	0	17.6	0.20	302.5	231.4	8.0
977	27.9	5.1	5.8	0	16.2	0.20	303.0	235.4	7.7
972	27.8	4.9	5.5	0	15.7	0.20	303.4	235.8	7.4
966	27.7	4.7	4.8	0	15.0	0.20	303.8	238.2	6.7
960	27.3	4.3	4.2	0	14.7	0.20	303.9	239.3	6.0
954	27.0	3.8	4.0	3.5	14.5	0.20	304.2	237.0	5.5
948	27.0	2.9	3.3	3.5	14.2	0.20	304.8	235.9	4.4
941	26.6	2.1	2.5	3.5	14.0	0.20	305.0	234.2	3.3
934	26.1	1.3	1.8	3.5	14.1	0.20	305.2	229.2	2.2
926	25.7	0.66	0.98	7.0	14.6	0.20	305.4	227.8	1.2
918	25.0	0.24	0.19	3.5	15.1	0.20	305.6	246.2	0.3
896	23.6	-1.1	-1.7	3.5	15.2	0.20	306.2	47.5	2.0
869	21.8	-2.4	-3.8	0	14.4	0.20	307.0	46.5	4.5
838	19.6	-4.4	-4.3	4.3	12.3	0.20	307.8	59.8	6.2
804	17.2	-5.0	-3.7	3.9	9.5	0.20	309.0	67.5	6.2
768	14.4	-3.6	-3.9	12.1	7.4	0.20	310.1	57.0	5.3
729	11.2	-4.7	-5.1	12.6	5.9	0.20	311.3	56.3	7.0
688	8.1	-3.8	-4.9	11.8	4.8	0.20	313.0	51.6	6.2
644	5.2	-3.1	-4.6	11.8	3.1	0.20	315.7	47.7	5.5
598	2.8	-5.4	-4.9	7.0	1.3	0.20	319.7	61.8	7.3
550	-0.65	-3.9	-7.5	7.0	1.2	0.20	323.3	41.1	8.4
501	-4.5	-3.3	-9.1	7.0	0.77	0.20	327.3	33.7	9.7
452	-9.4	-5.2	-8.6	7.0	0.80	0.20	330.9	44.9	10.0
403	-16.0	-4.6	-6.3	0	0.53	0.20	333.6	49.8	7.8
353	-24.1	-4.9	-5.0	0	0.46	0.20	335.6	57.8	7.0
304	-32.1	-9.2	-3.2	0	0.27	0.20	338.7	84.9	9.8
259	-40.2	-13.1	-4.8	-2.4	0.16	0.19	342.6	83.6	14.0
220	-49.1	-12.4	-8.2	-2.3	1E-1	0.20	345.4	70.6	14.8
183	-60.6	-7.1	-8.3	-1.3	3E-2	0.20	345.5	54.1	10.9
138	-71.5	-10.1	-6.3	-2.2	1E-2	0.20	355.3	71.7	11.9
88	-65.9	-14.8	-2.4	0	1E-2	0.20	415.3	94.7	15.0
63	-58.0	-13.3	-6.3	0	1E-2	0.20	474.6	78.5	14.8
38	-49.1	-26.1	-6.7	-0.35	2E-2	0.20	571.9	89.5	26.9