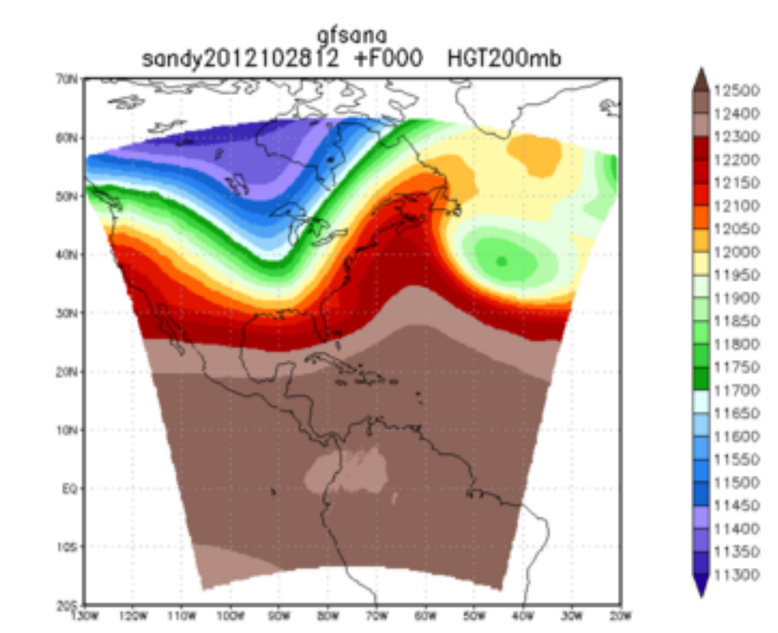
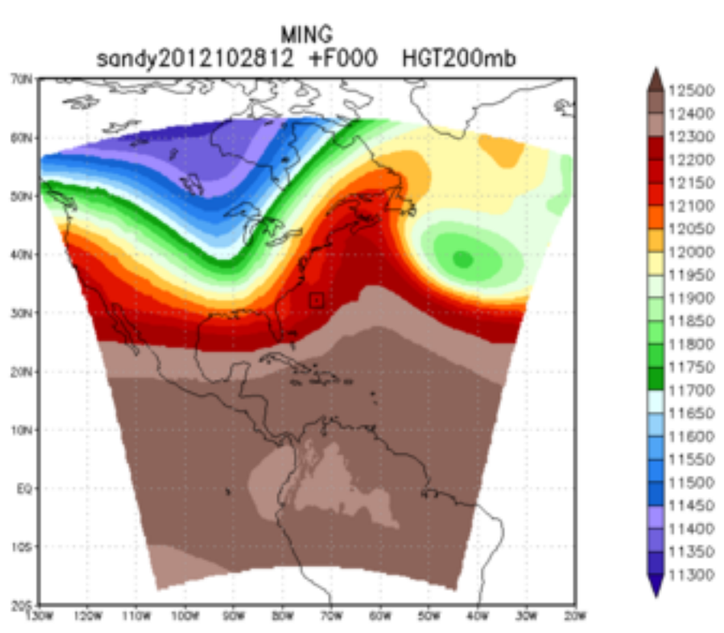
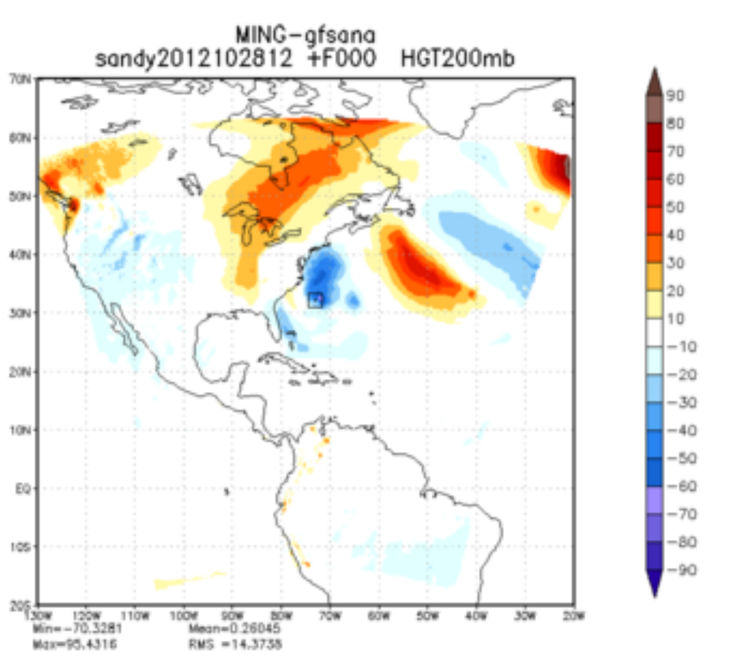
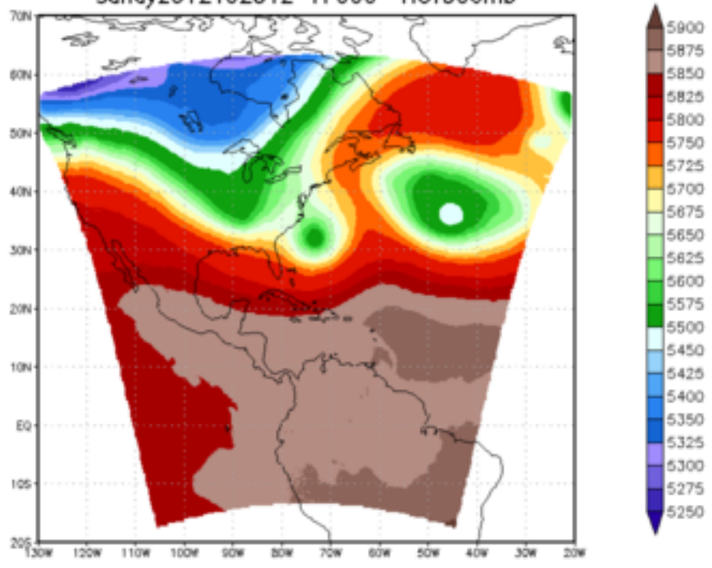
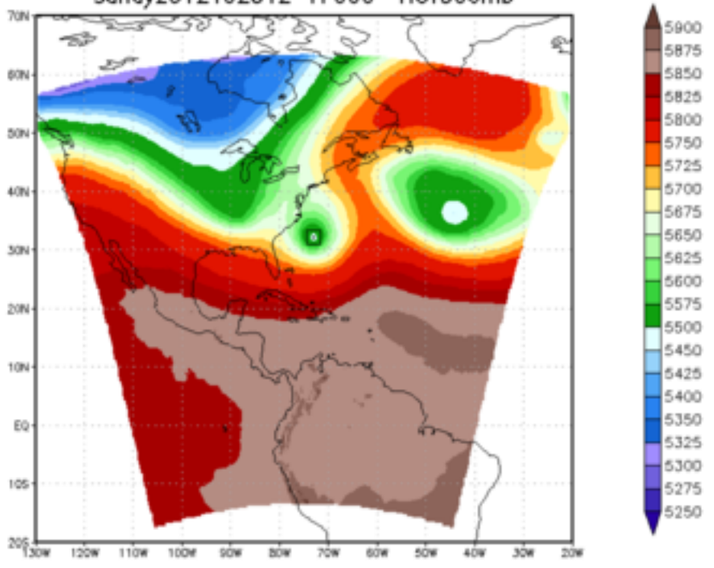
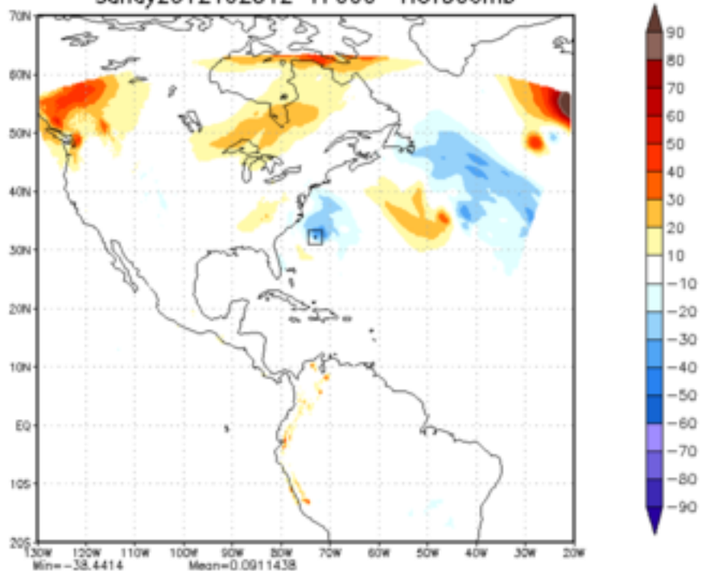

gfsana
sandy2012102812 +F000 HGT200mb
12500
12400
12300
12200
12150
12100
12050
12000
11950
11900
11850
11800
11750
11700
11650
11600
11550
11500
11450
11400
11350
11300

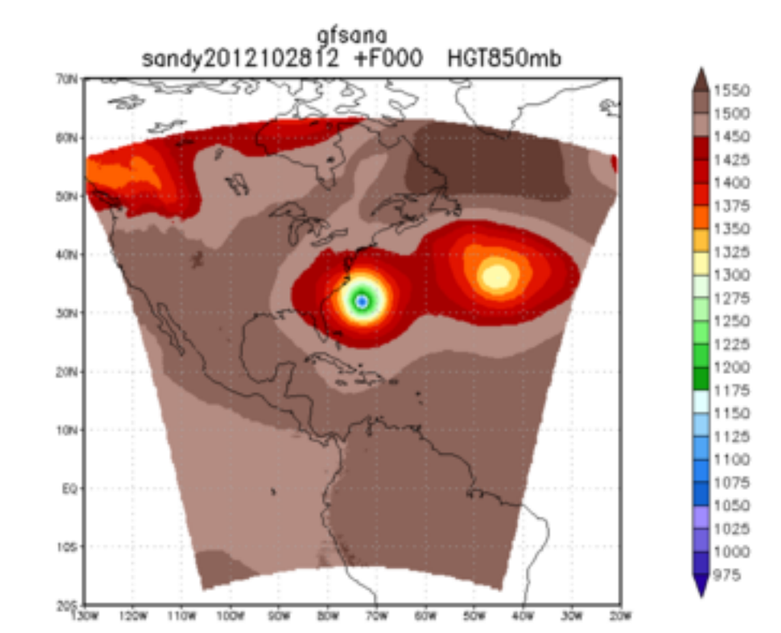

MING
sandy2012102812 +F000 HGT200mb
12500
12400
12300
12200
12150
12100
12050
12000
11950
11900
11850
11800
11750
11700
11650
11600
11550
11500
11450
11400
11350
11300

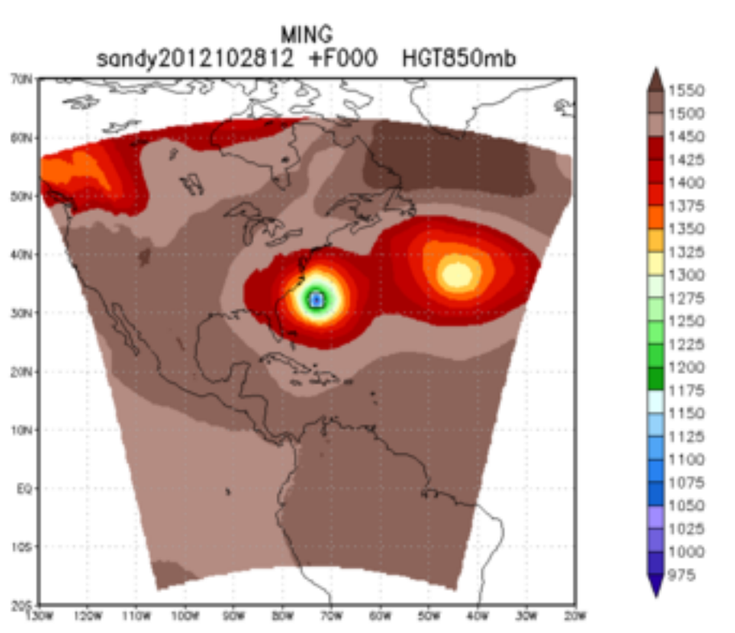

MING-gfsana
sandy2012102812 +F000 HGT200mb
90
80
70
60
50
40
30
20
10
-10
-20
-30
-40
-50
-60
-70
-80
-90
Min=-70.3281
Mean=0.26045
Max=95.4316
RMS =14.3738

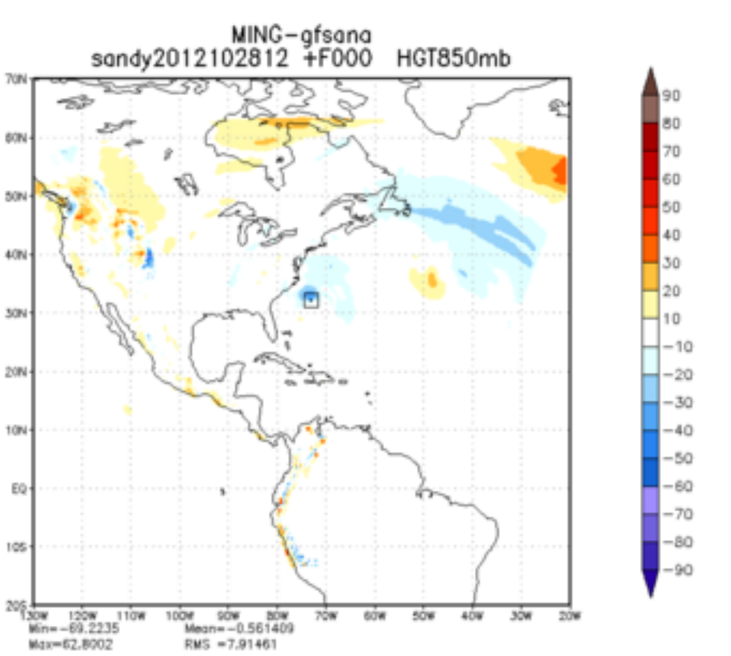

gfsana
sandy2012102812 +F000 HGT500mb
5900
5875
5850
5825
5800
5750
5725
5700
5675
5650
5625
5600
5575
5500
5450
5425
5400
5350
5325
5300
5275
5250

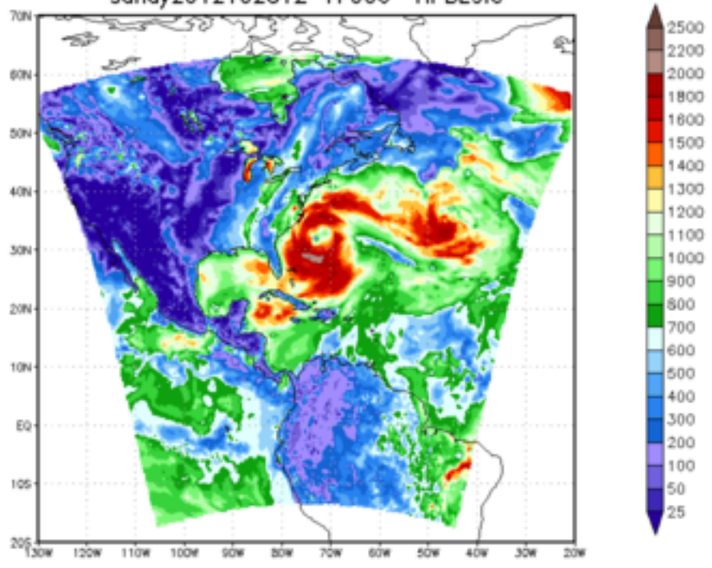

MING
sandy2012102812 +F000 HGT500mb
5900
5875
5850
5825
5800
5750
5725
5700
5675
5650
5625
5600
5575
5500
5450
5425
5400
5350
5325
5300
5275
5250

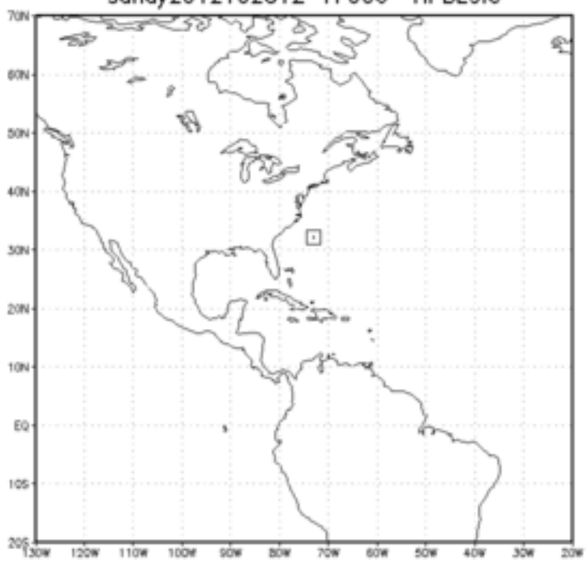

MING-gfsana
sandy2012102812 +F000 HGT500mb
90
80
70
60
50
40
30
20
10
-10
-20
-30
-40
-50
-60
-70
-80
-90
Min=-38.4414
Max=113.062
Mean=0.0911438
RMS =11.3032

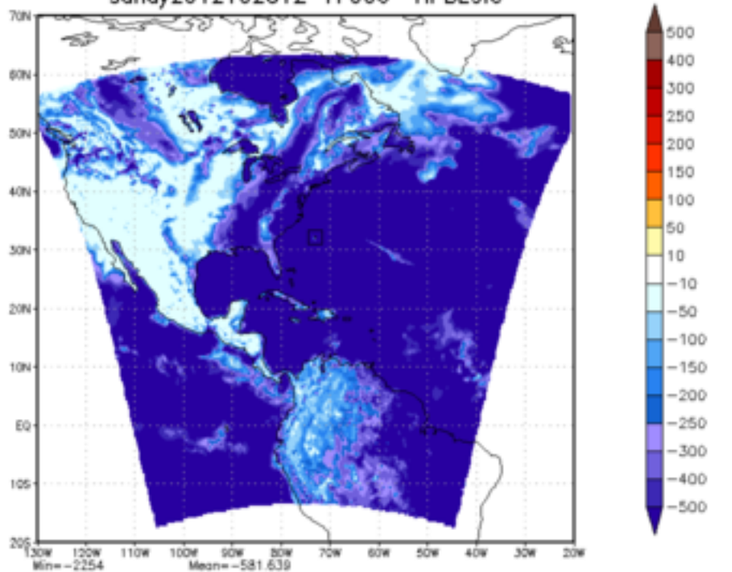

gfsana
sandy2012102812 +F000 HGT850mb
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
130W 120W 110W 100W 90W 80W 70W 60W 50W 40W 30W 20W
1550
1500
1450
1425
1400
1375
1350
1325
1300
1275
1250
1225
1200
1175
1150
1125
1100
1075
1050
1025
1000
975

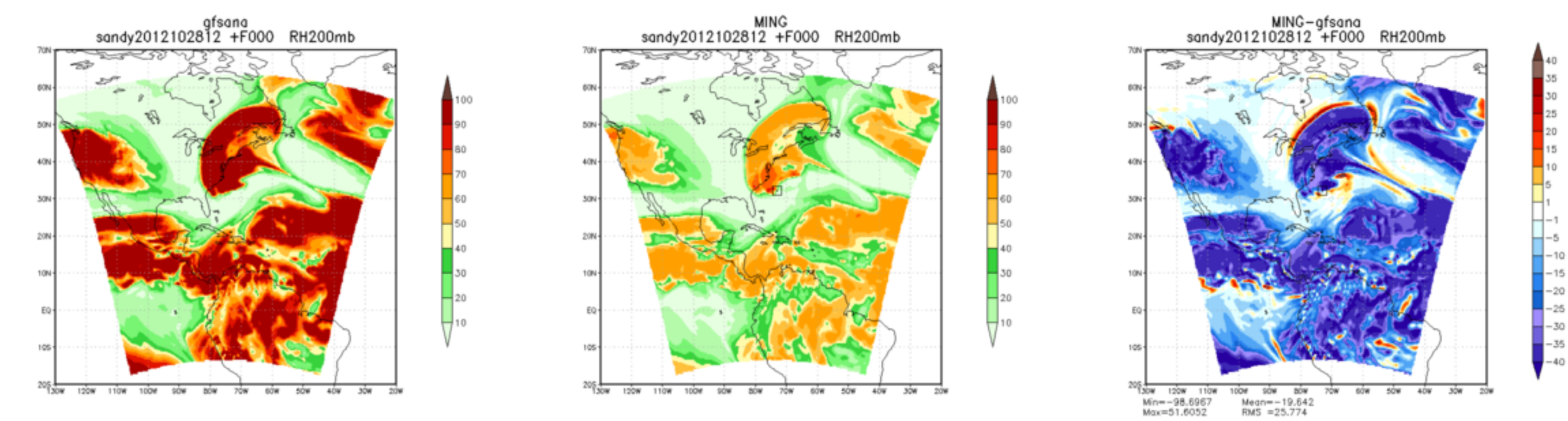

MING
sandy2012102812 +F000 HGT850mb
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
130W 120W 110W 100W 90W 80W 70W 60W 50W 40W 30W 20W
1550
1500
1450
1425
1400
1375
1350
1325
1300
1275
1250
1225
1200
1175
1150
1125
1100
1075
1050
1025
1000
975

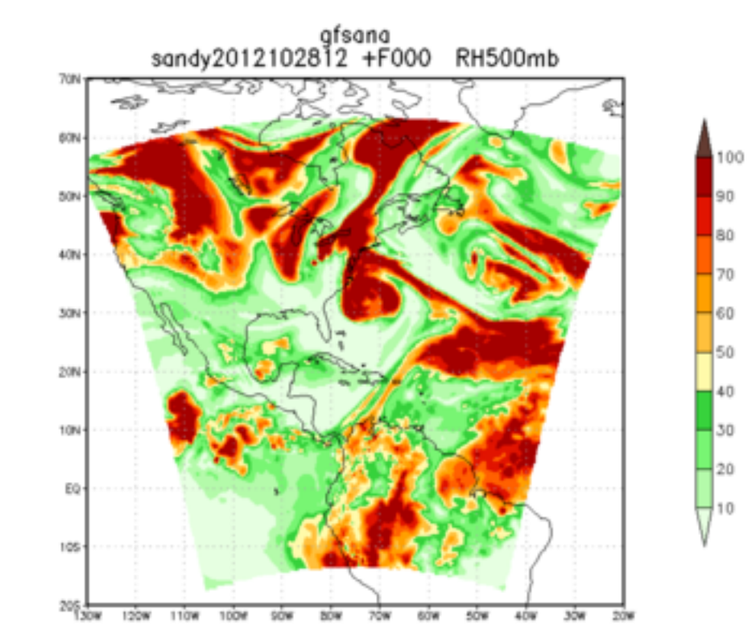

MING-gfsana
sandy2012102812 +F000 HGT850mb
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
130W 120W 110W 100W 90W 80W 70W 60W 50W 40W 30W 20W
Min=-69.2235
Max=62.8002
Mean=-0.561409
RMS =7.91461
90
80
70
60
50
40
30
20
10
-10
-20
-30
-40
-50
-60
-70
-80
-90

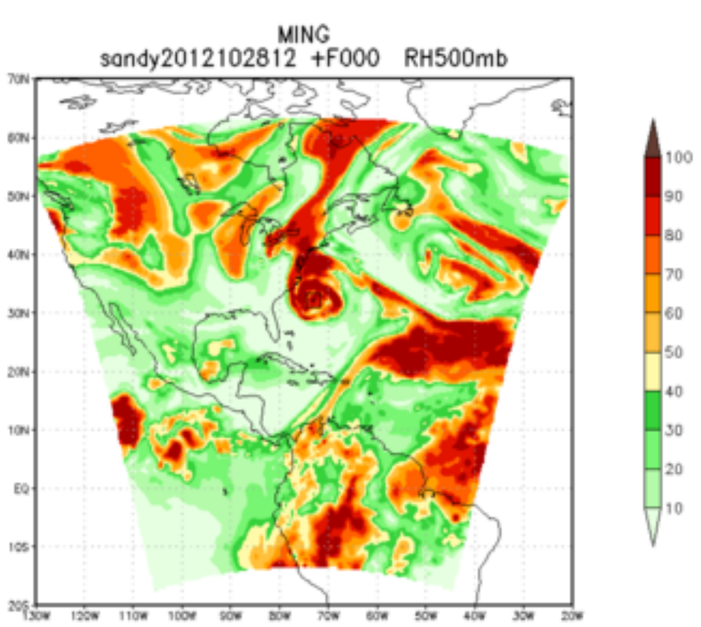

gfsana
sandy2012102812 +F000 HPBLsfc
2500
2200
2000
1800
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
50
25

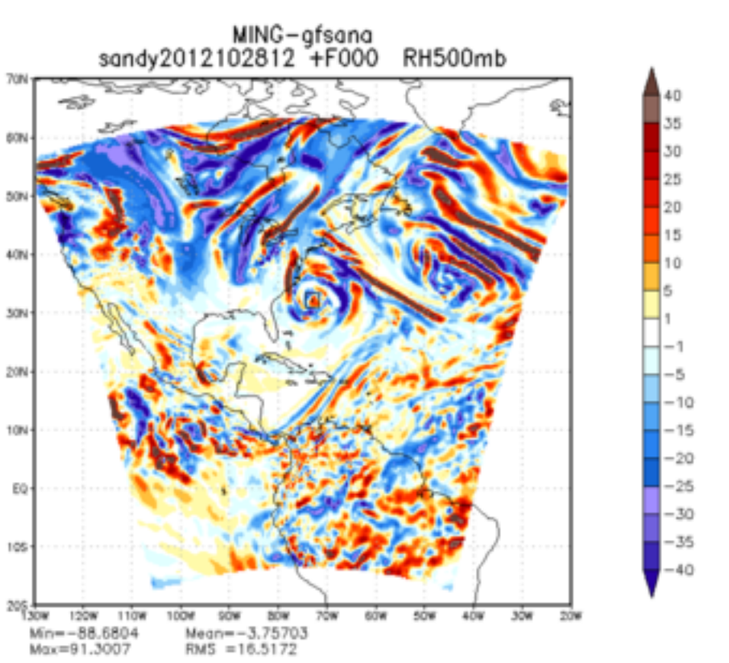

MING
sandy2012102812 +F000 HPBLsfc

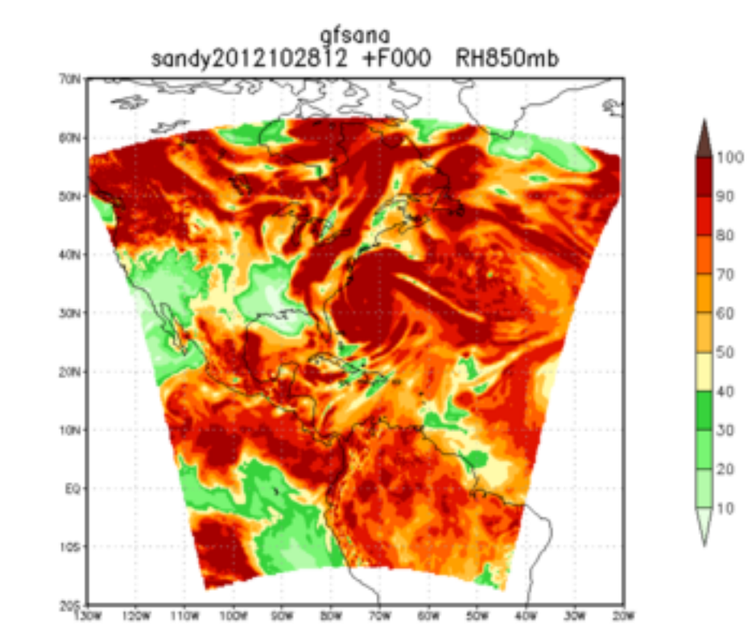

MING-gfsana
sandy2012102812 +F000 HPBLsfc
500
400
300
250
200
150
100
50
10
-10
-50
-100
-150
-200
-250
-300
-400
-500
Min=-2254
Max=-20
Mean=-581.639
RMS =719.248

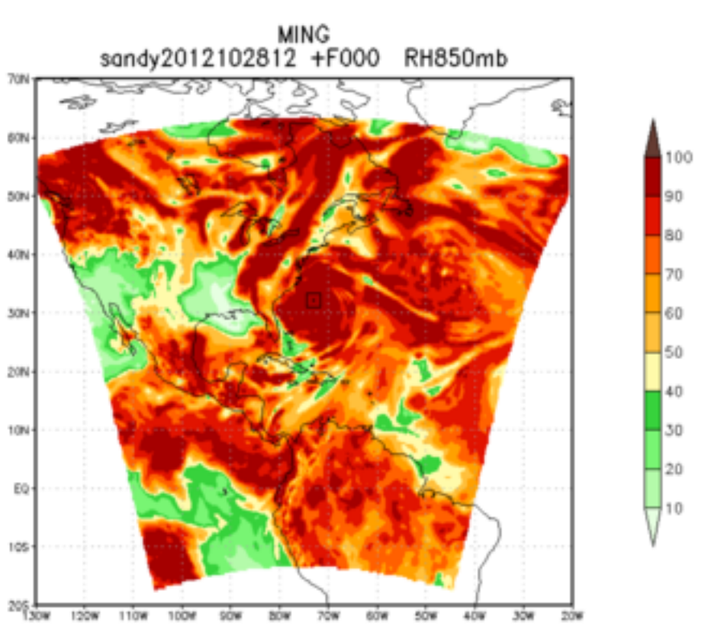

gfsana
sandy2012102812 +F000 RH200mb
MING
sandy2012102812 +F000 RH200mb
MING-gfsana
sandy2012102812 +F000 RH200mb
Min=-98.6967 Mean=-19.642
Max=51.6052 RMS =25.774

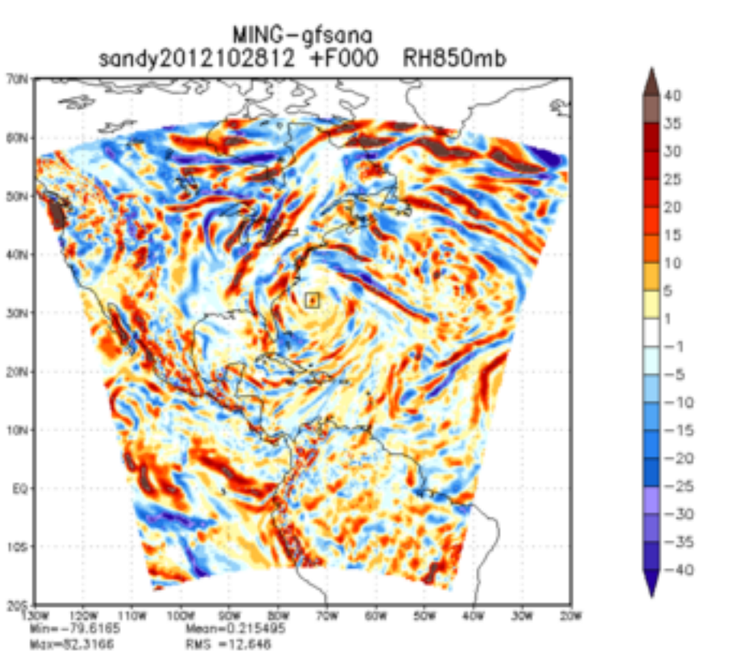

gfsana
sandy2012102812 +F000 RH500mb

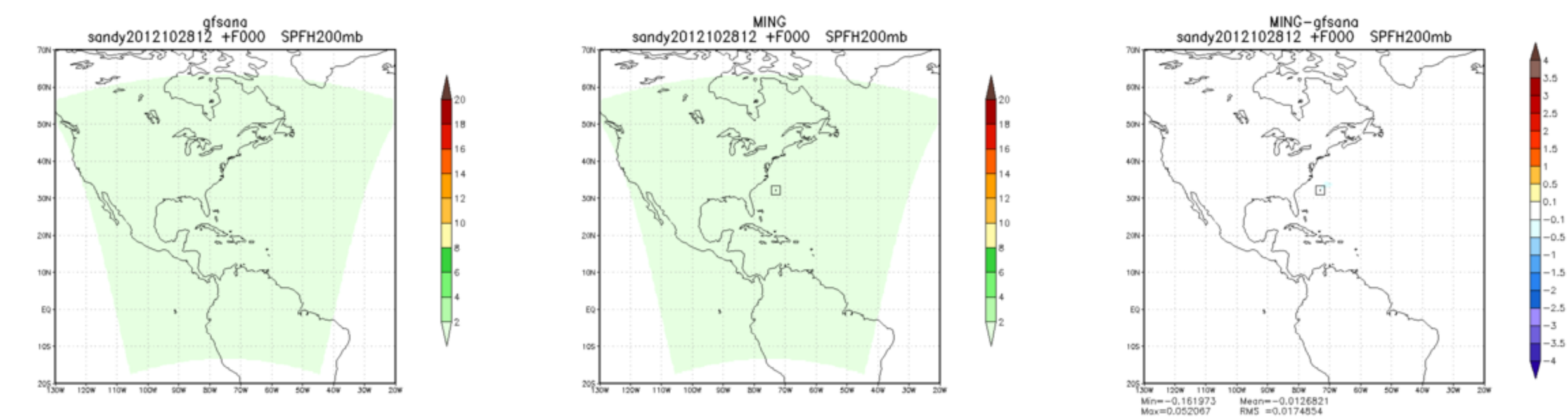

MING
sandy2012102812 +F000 RH500mb

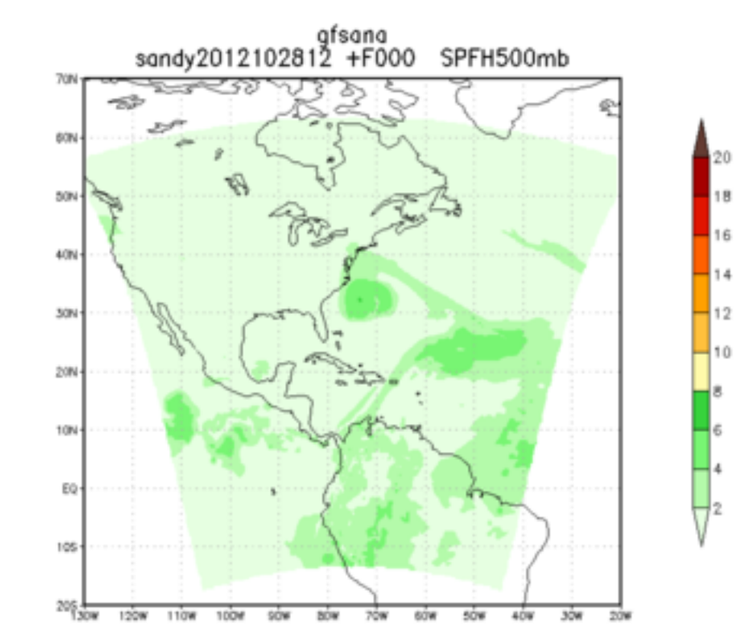

MING-gfsana
sandy2012102812 +F000 RH500mb
Min=-88.6804 Mean=-3.75703
Max=91.3007 RMS =16.5172

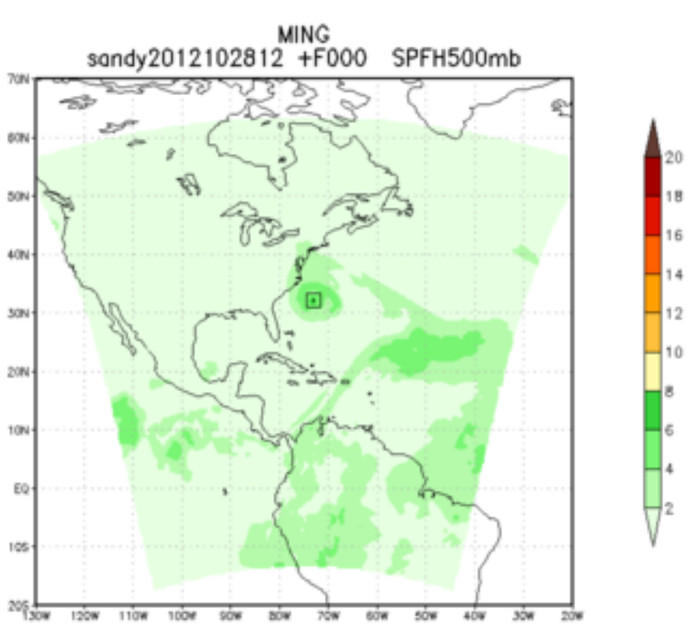

gfsana
sandy2012102812 +F000 RH850mb

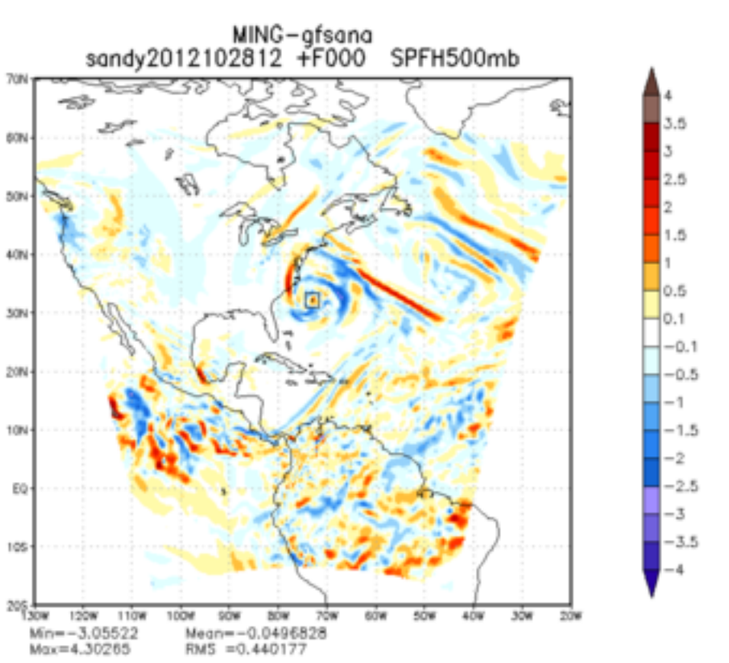

MING
sandy2012102812 +F000 RH850mb

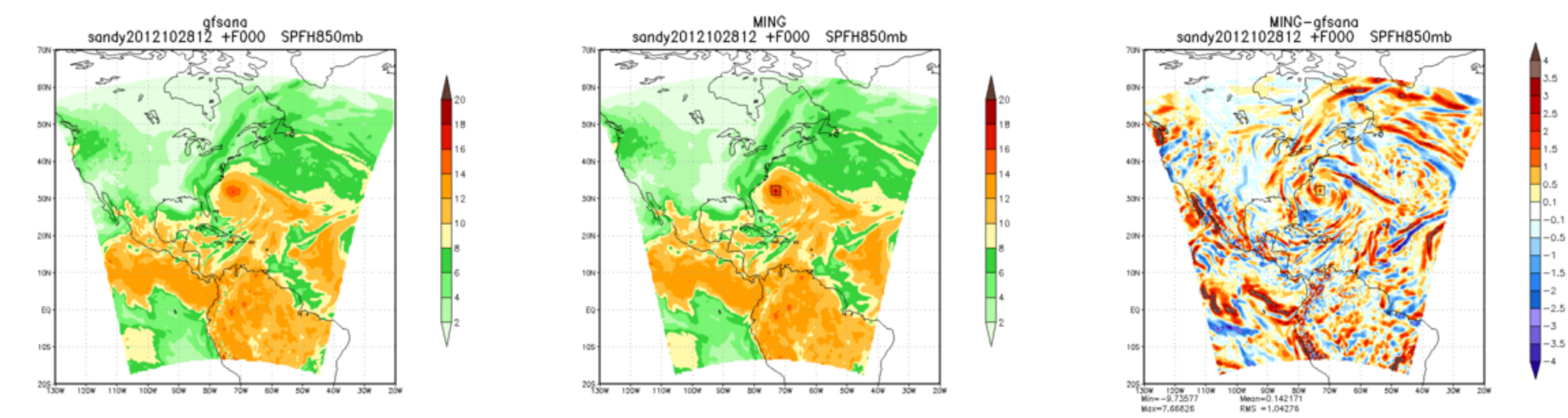

MING-gfsana
sandy2012102812 +F000 RH850mb
Min=-79.6165
Max=82.3166
Mean=0.215495
RMS =12.646

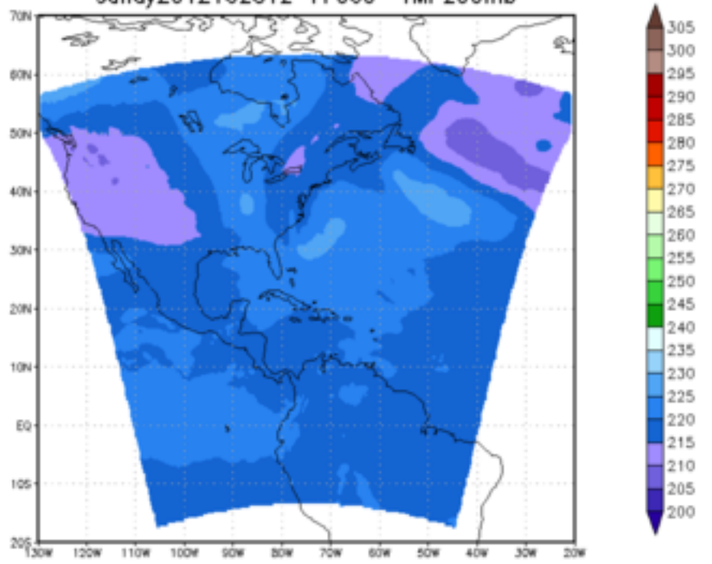

gfsana
sandy2012102812 +F000 SPFH200mb
MING
sandy2012102812 +F000 SPFH200mb
MING-gfsana
sandy2012102812 +F000 SPFH200mb
Min=-0.161973 Mean=-0.0126821
Max=0.052067 RMS =0.0174854

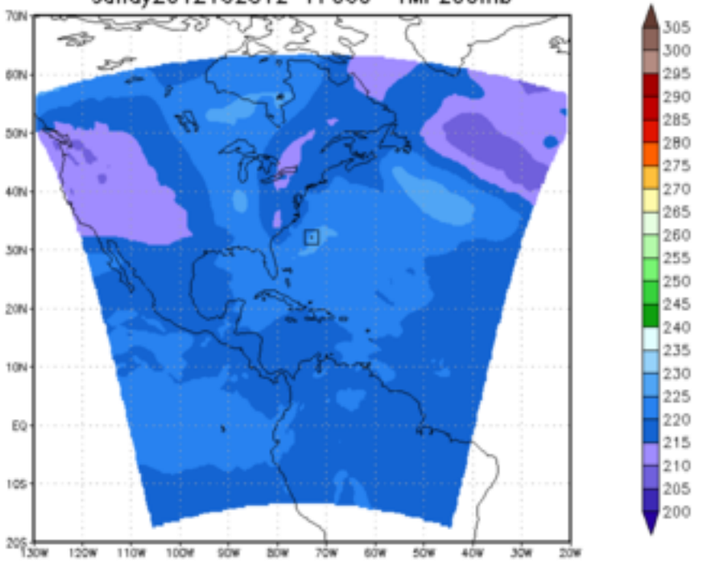

gfsana
sandy2012102812 +F000 SPFH500mb

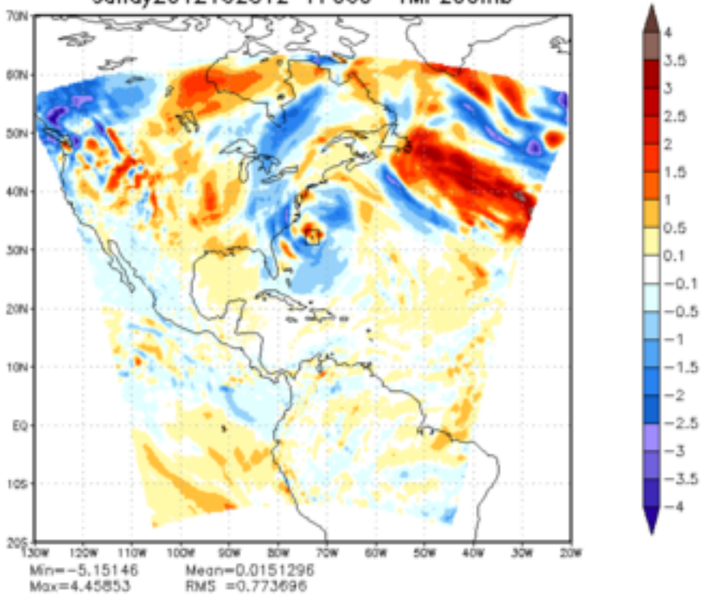

MING
sandy2012102812 +F000 SPFH500mb

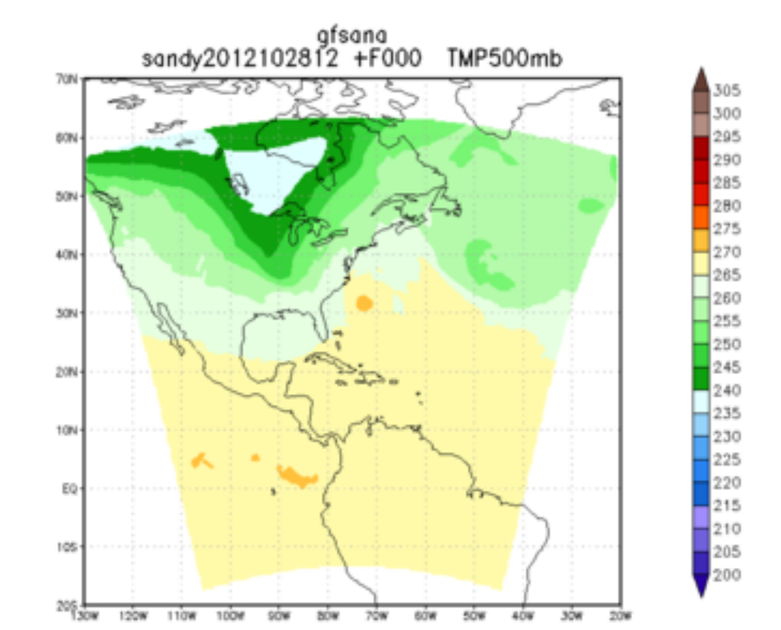

MING-gfsana
sandy2012102812 +F000 SPFH500mb
Min=-3.05522 Mean=-0.0496828
Max=4.30265 RMS =0.440177

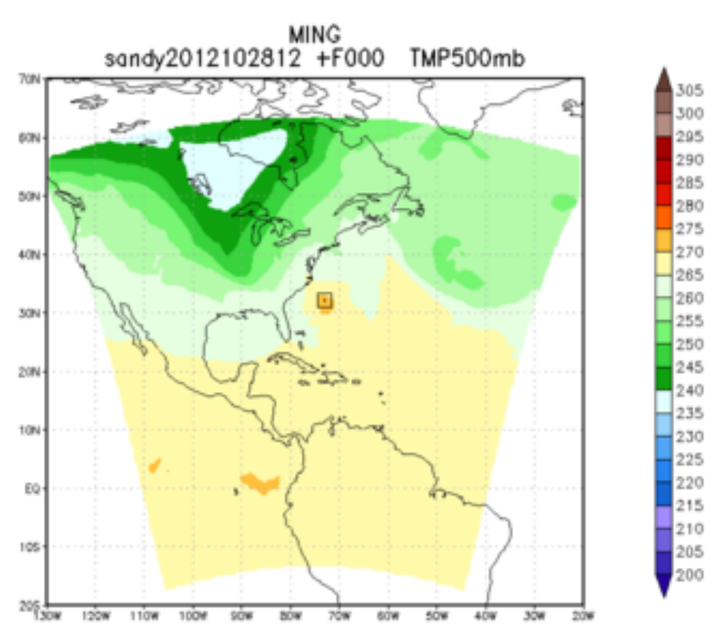

gfsana
sandy2012102812 +F000 SPFH850mb
MING
sandy2012102812 +F000 SPFH850mb
MING-gfsana
sandy2012102812 +F000 SPFH850mb
Min=-9.73577
Max=7.66826
Mean=0.142171
RMS =1.04276

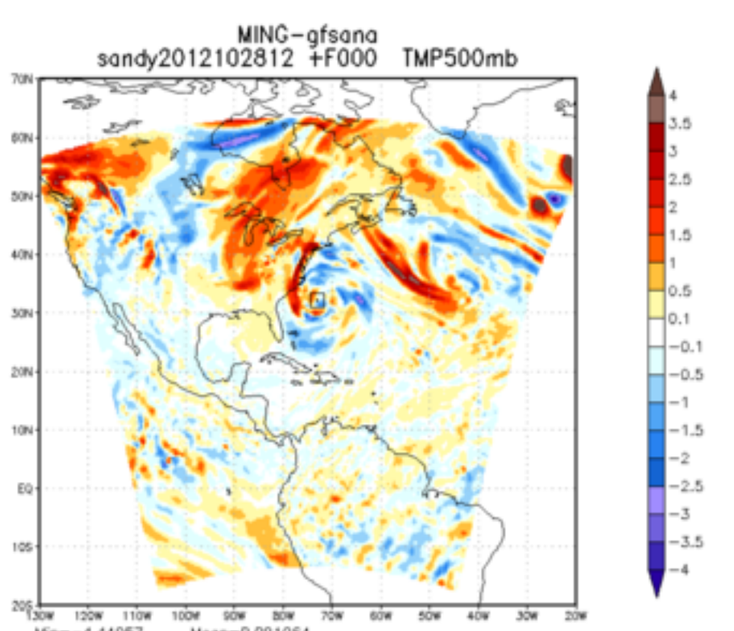

gfsana
sandy2012102812 +F000 TMP200mb

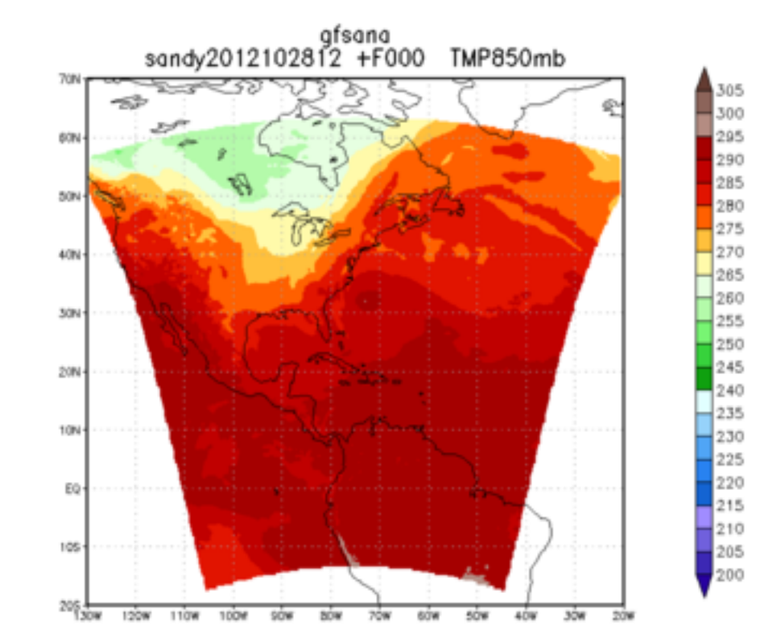

MING
sandy2012102812 +F000 TMP200mb

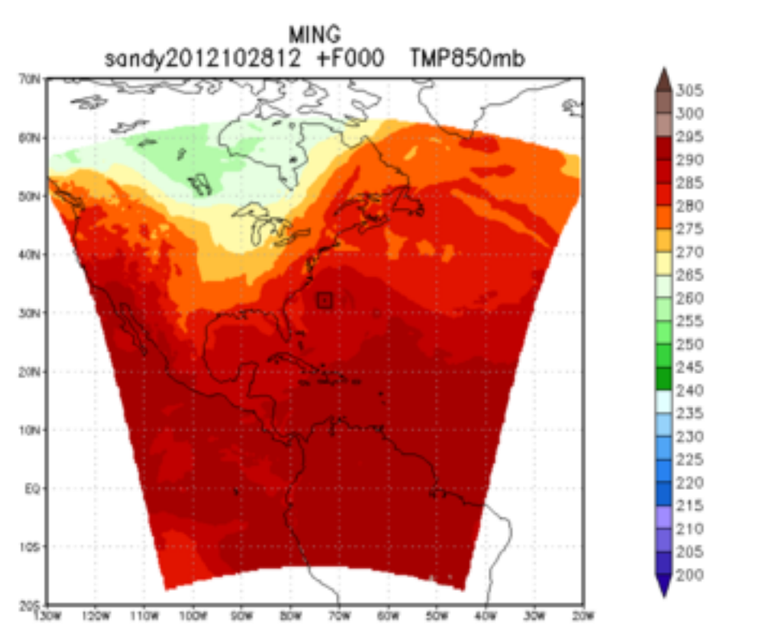

MING-gfsana
sandy2012102812 +F000 TMP200mb
Min=-5.15146
Max=4.45853
Mean=0.0151296
RMS =0.773696

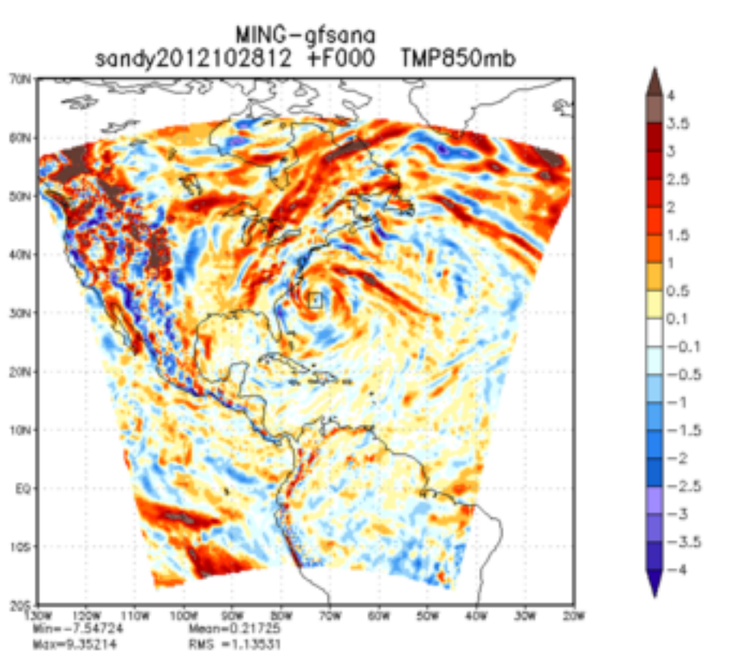

gfsana
sandy2012102812 +F000 TMP500mb

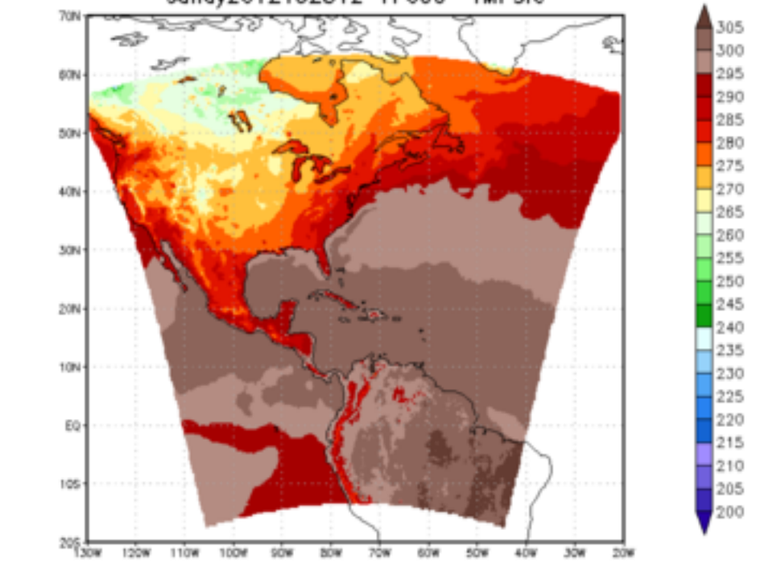

MING
sandy2012102812 +F000 TMP500mb

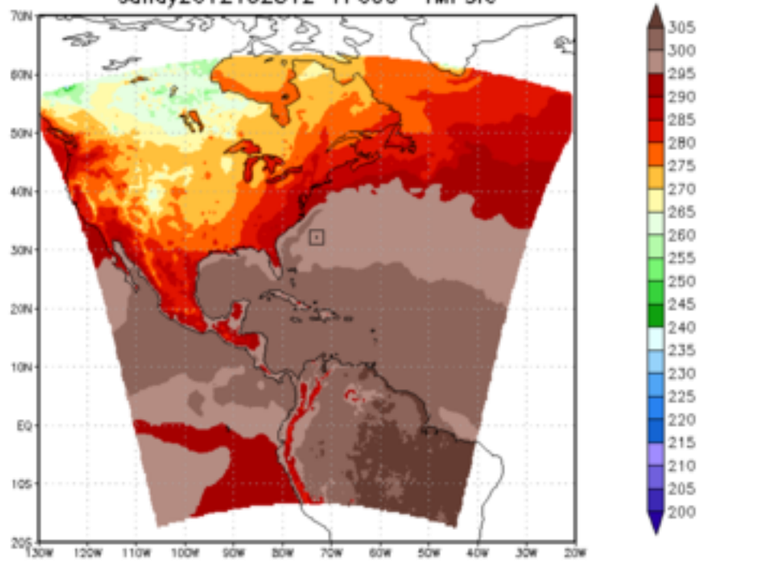

MING-gfsana
sandy2012102812 +F000 TMP500mb
Min=-4.44057 Mean=0.091064
Max=8.06561 RMS =0.714248

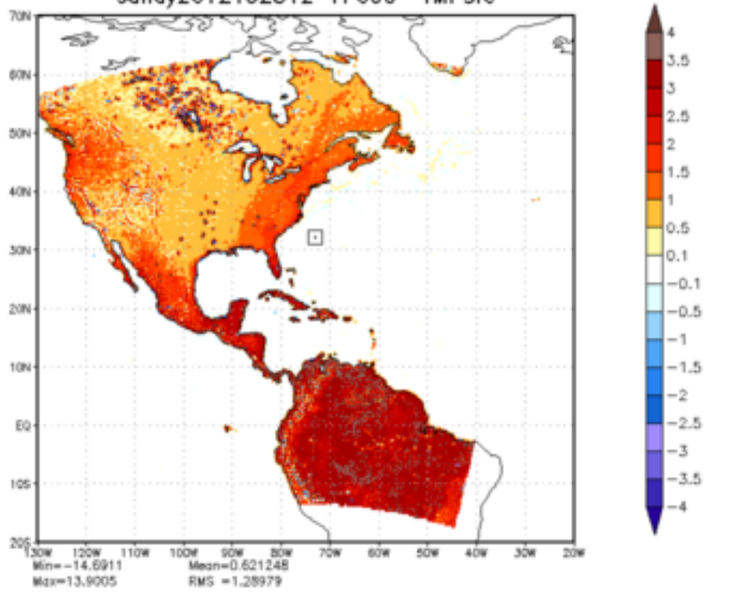

gfsana
sandy2012102812 +F000 TMP850mb
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
130W 120W 110W 100W 90W 80W 70W 60W 50W 40W 30W 20W
305 300 295 290 285 280 275 270 265 260 255 250 245 240 235 230 225 220 215 210 205 200

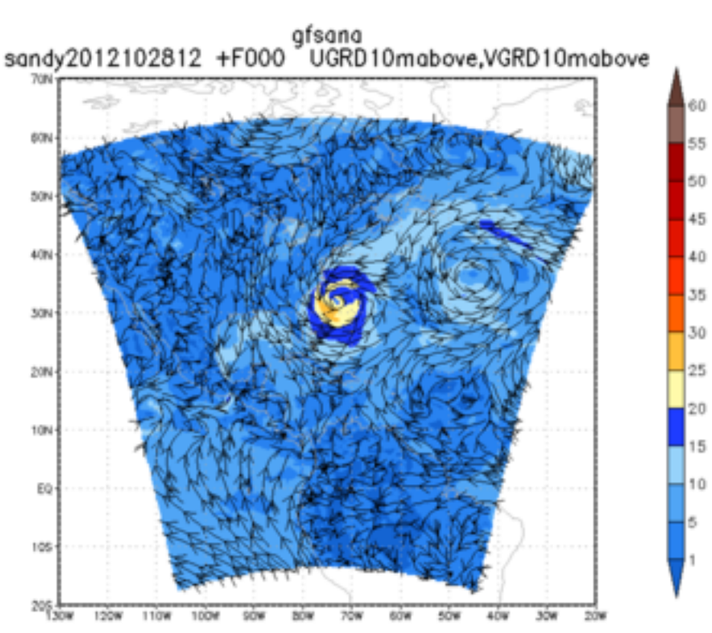

MING
sandy2012102812 +F000 TMP850mb
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
130W 120W 110W 100W 90W 80W 70W 60W 50W 40W 30W 20W
305 300 295 290 285 280 275 270 265 260 255 250 245 240 235 230 225 220 215 210 205 200

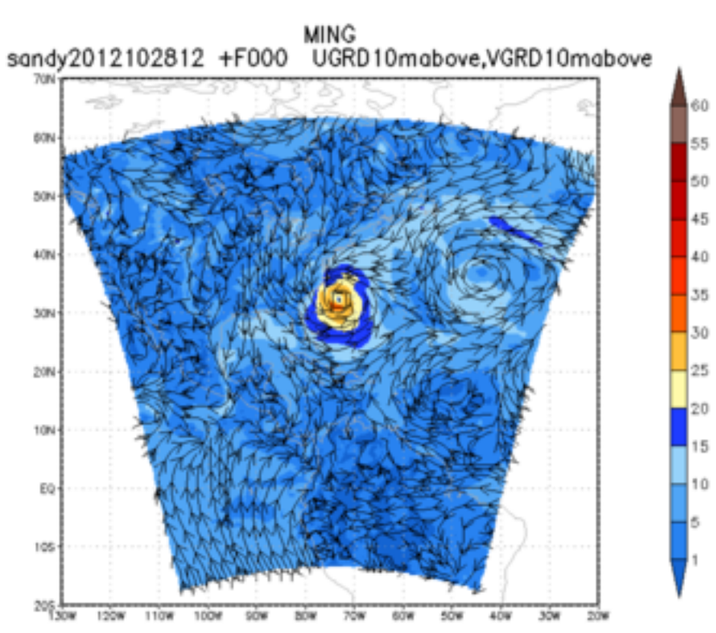

MING-gfsana
sandy2012102812 +F000 TMP850mb
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
130W 120W 110W 100W 90W 80W 70W 60W 50W 40W 30W 20W
Min=-7.54724 Mean=0.21725
Max=9.35214 RMS =1.13531
4 3.5 3 2.5 2 1.5 1 0.5 0.1 -0.1 -0.5 -1 -1.5 -2 -2.5 -3 -3.5 -4

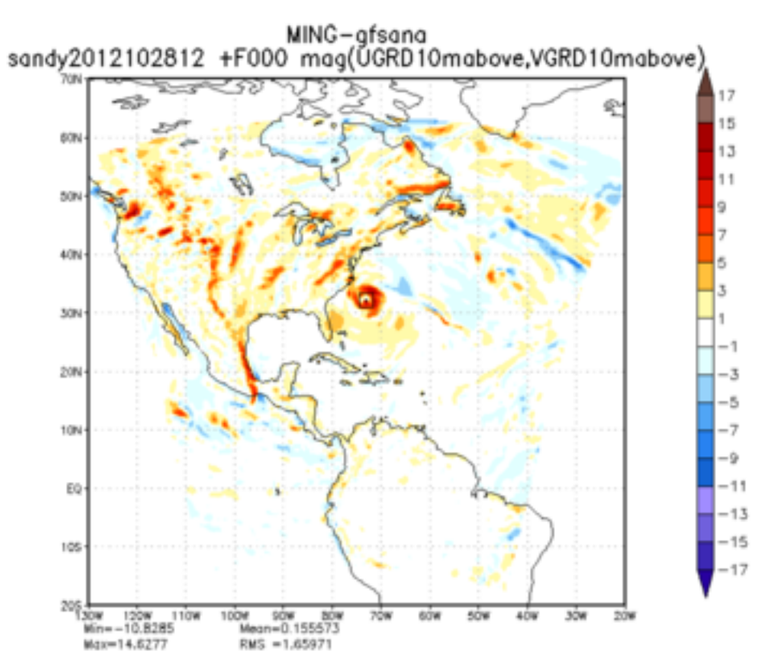

gfsana
sandy2012102812 +F000 TMPsfc
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
130W 120W 110W 100W 90W 80W 70W 60W 50W 40W 30W 20W
305
300
295
290
285
280
275
270
265
260
255
250
245
240
235
230
225
220
215
210
205
200

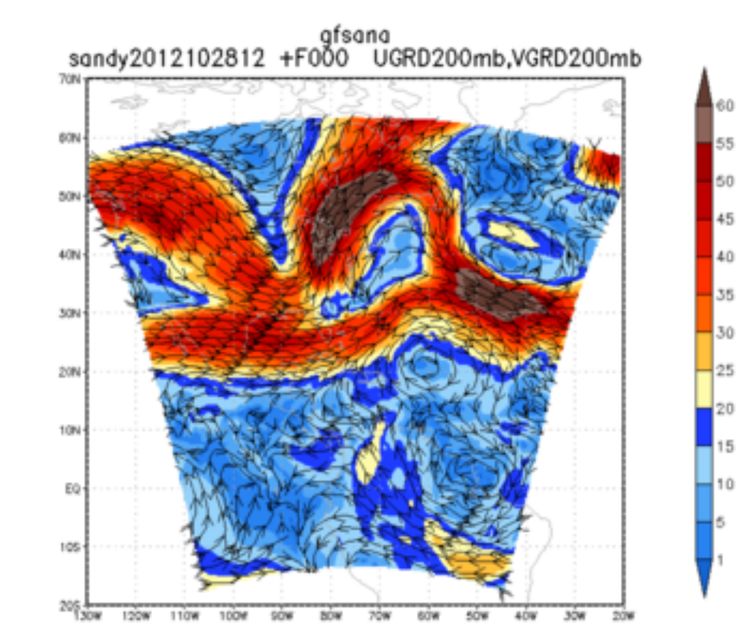

MING
sandy2012102812 +F000 TMPsfc
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
130W 120W 110W 100W 90W 80W 70W 60W 50W 40W 30W 20W
305
300
295
290
285
280
275
270
265
260
255
250
245
240
235
230
225
220
215
210
205
200

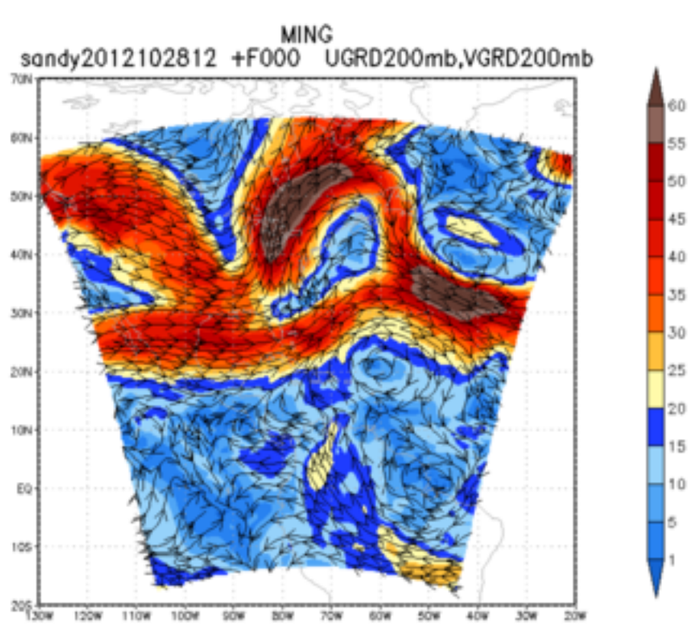

MING-gfsana
sandy2012102812 +F000 TMPsfc
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
130W 120W 110W 100W 90W 80W 70W 60W 50W 40W 30W 20W
Min=-14.6911
Max=13.9005
Mean=0.621248
RMS =1.28979
4
3.5
3
2.5
2
1.5
1
0.5
0.1
-0.1
-0.5
-1
-1.5
-2
-2.5
-3
-3.5
-4

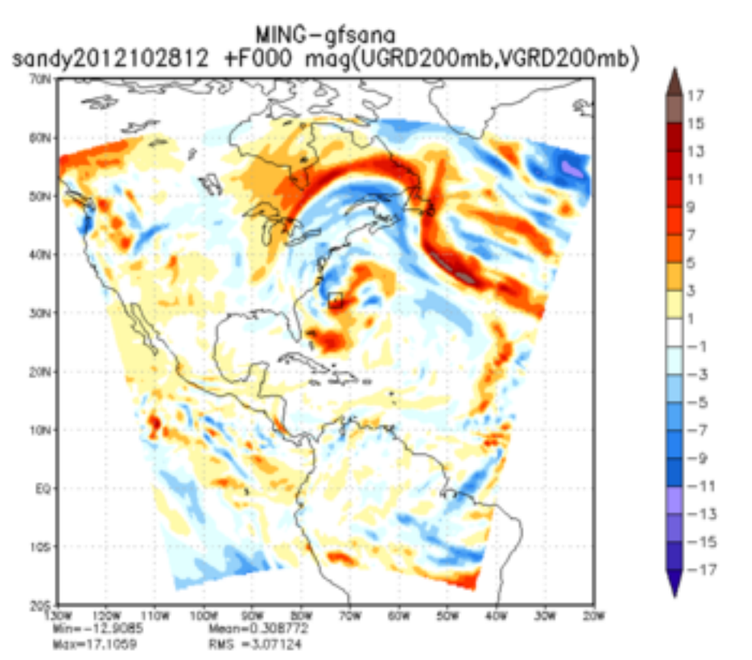

gfsana
sandy2012102812 +F000 UGRD10mabove,VGRD10mabove

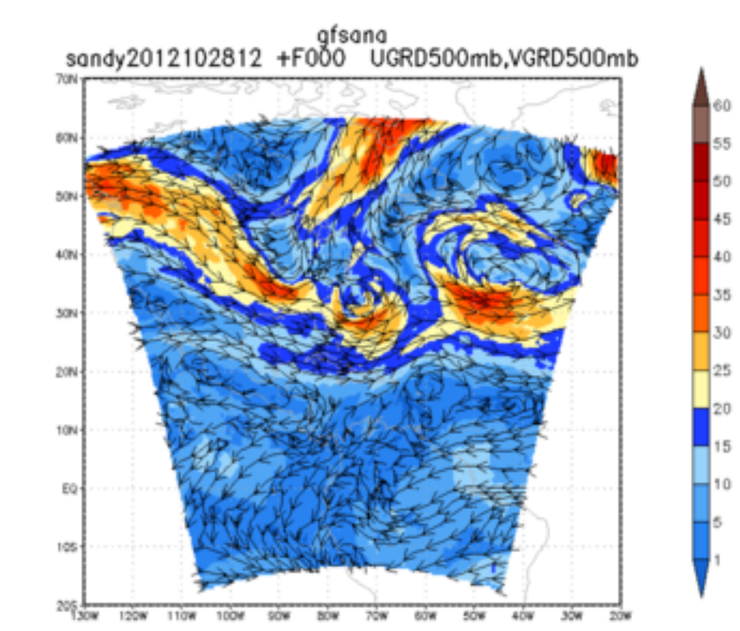

MING
sandy2012102812 +F000 UGRD10mabove,VGRD10mabove

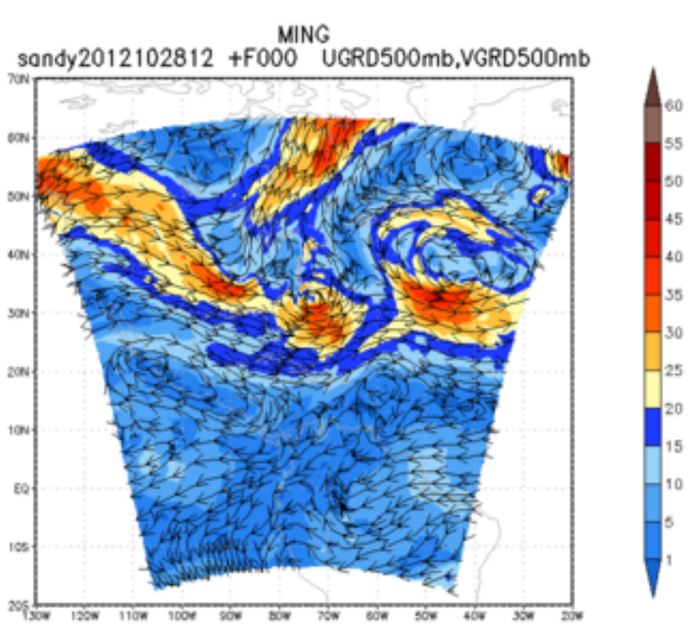

MING-gfsana
sandy2012102812 +F000 mag(UGRD10mabove,VGRD10mabove)
Min=-10.8285
Mean=0.155573
Max=14.6277
RMS =1.65971

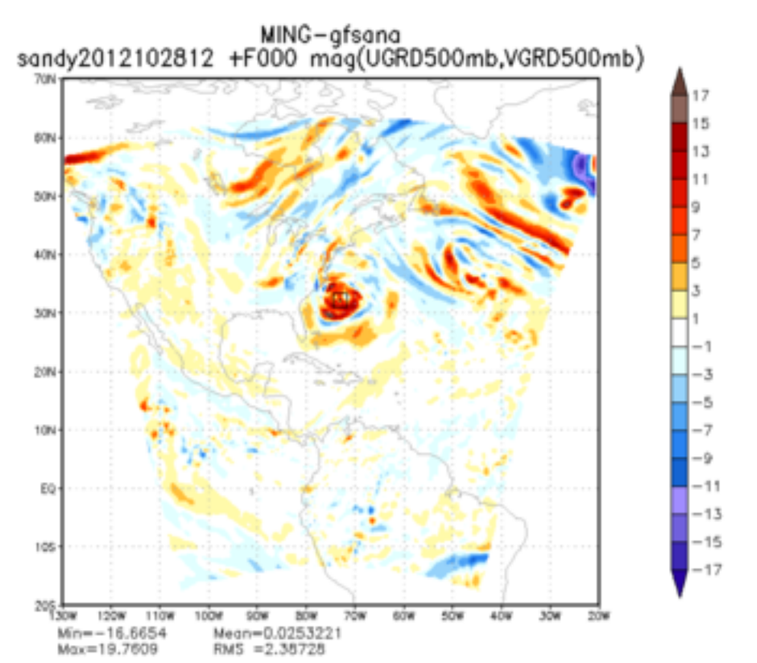

gfsana
sandy2012102812 +F000 UGRD200mb,VGRD200mb

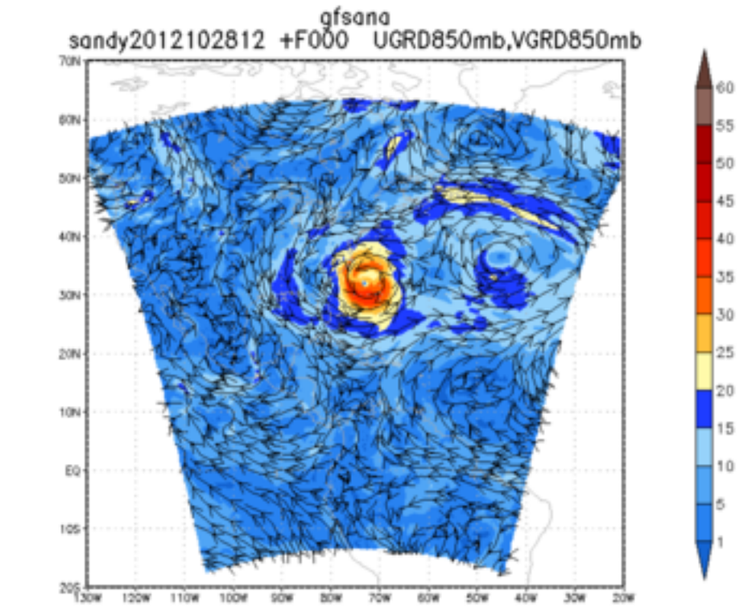

MING
sandy2012102812 +F000 UGRD200mb,VGRD200mb

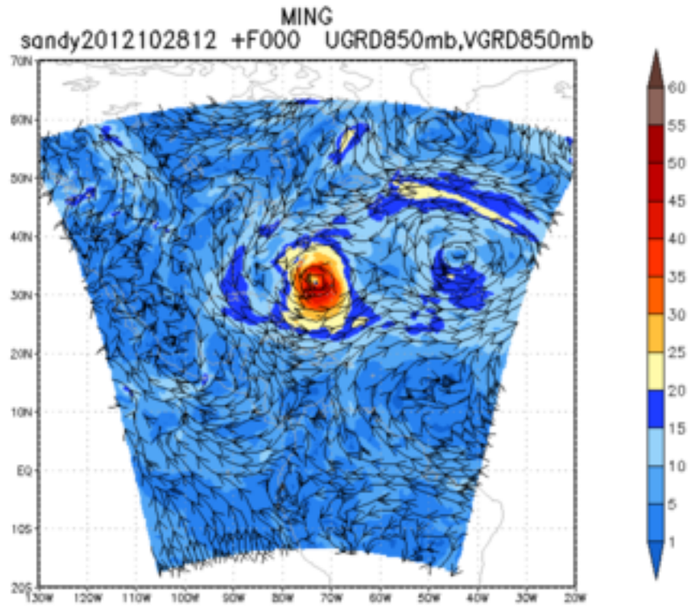

MING-gfsana
sandy2012102812 +F000 mag(UGRD200mb,VGRD200mb)
Min=-12.9085
Max=17.1059
Mean=0.308772
RMS =3.07124

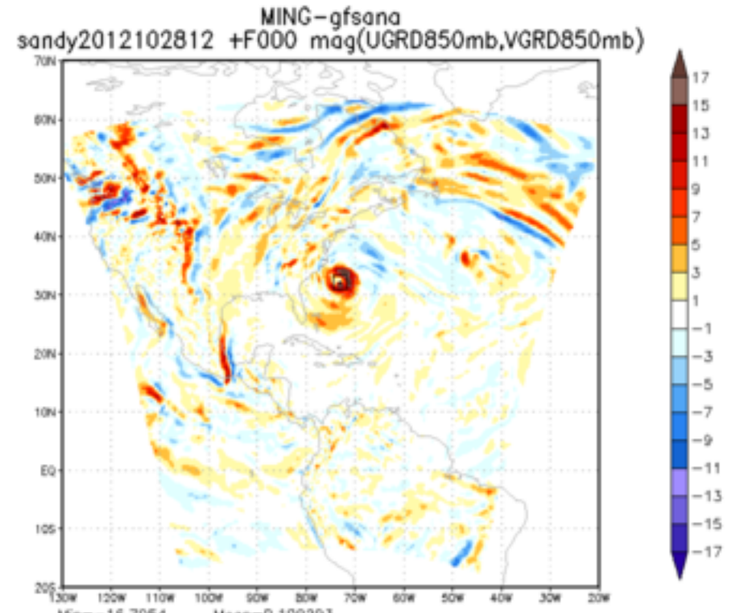

gfsana
sandy2012102812 +F000 UGRD500mb,VGRD500mb

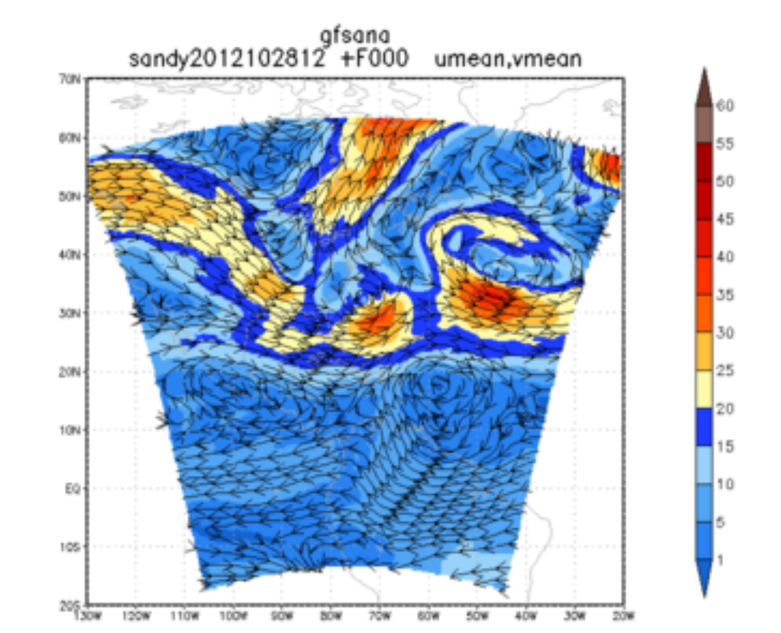

MING
sandy2012102812 +F000 UGRD500mb,VGRD500mb

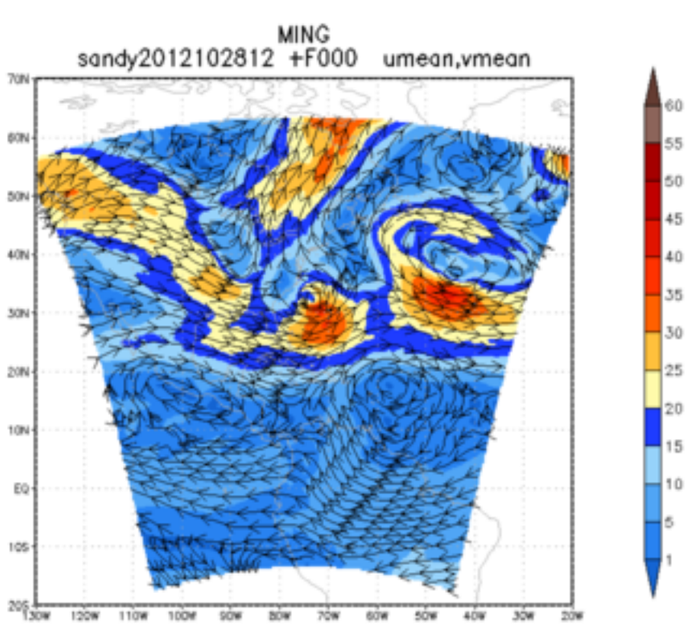

MING-gfsana
sandy2012102812 +F000 mag(UGRD500mb,VGRD500mb)
Min=-16.6654 Mean=0.0253221
Max=19.7609 RMS =2.38728

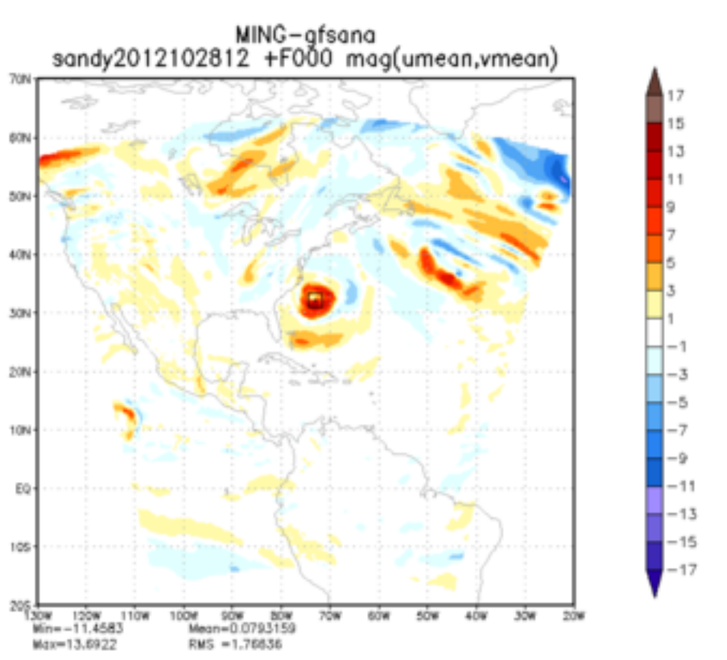

gfsana
sandy2012102812 +F000 UGRD850mb,VGRD850mb

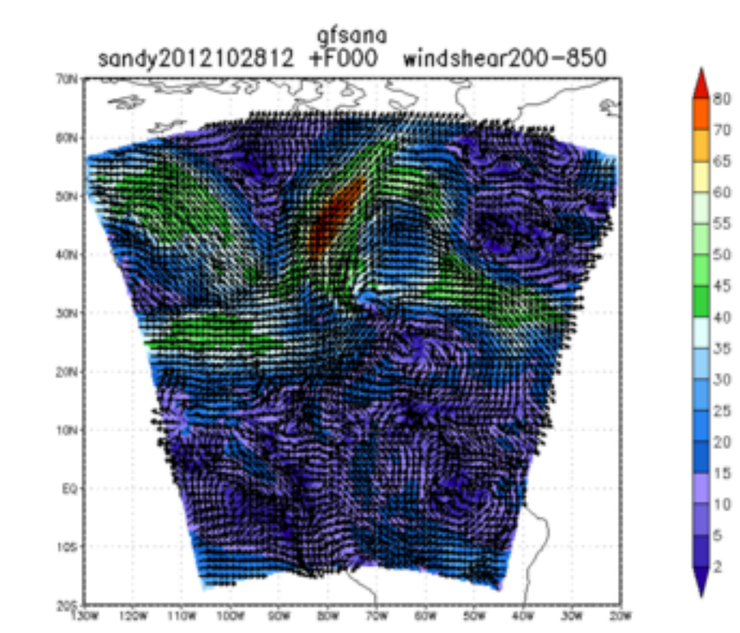

MING
sandy2012102812 +F000 UGRD850mb,VGRD850mb

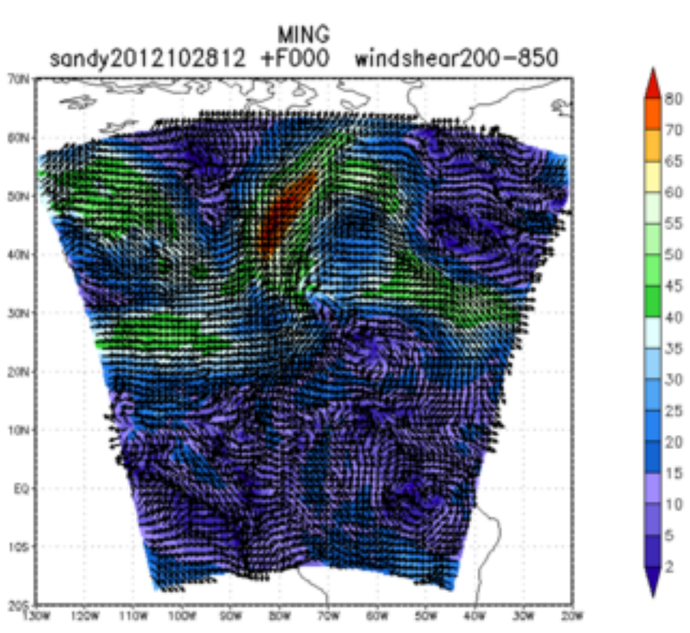

MING-gfsana
sandy2012102812 +F000 mag(UGRD850mb,VGRD850mb)
Min=-16.7054 Mean=0.109293
Max=21.7987 RMS =2.34208

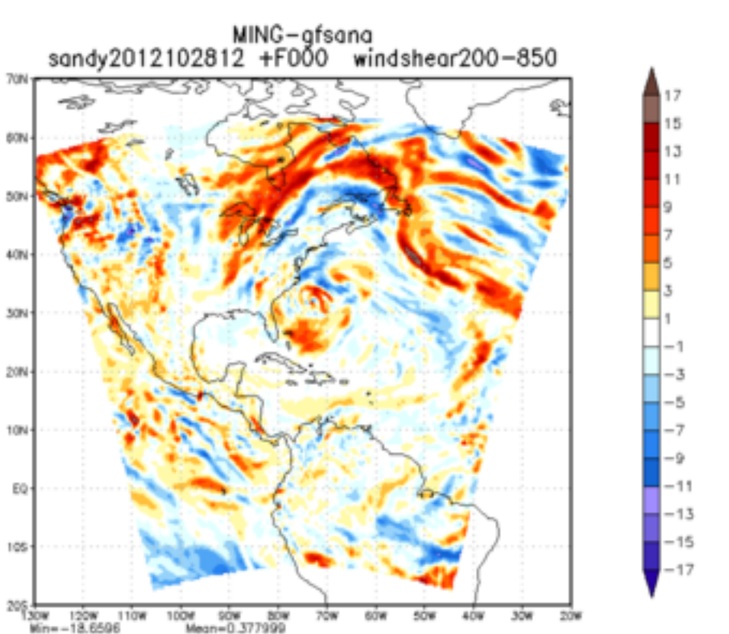

gfsana
sandy2012102812 +F000 umean,vmean


MING
sandy2012102812 +F000 umean,vmean


MING-gfsana
sandy2012102812 +F000 mag(umean,vmean)
Min=-11.4583
Max=13.6922
Mean=0.0793159
RMS =1.76836


gfsana
sandy2012102812 +F000 windshear200-850


MING
sandy2012102812 +F000 windshear200-850


MING-gfsana
sandy2012102812 +F000 windshear200-850