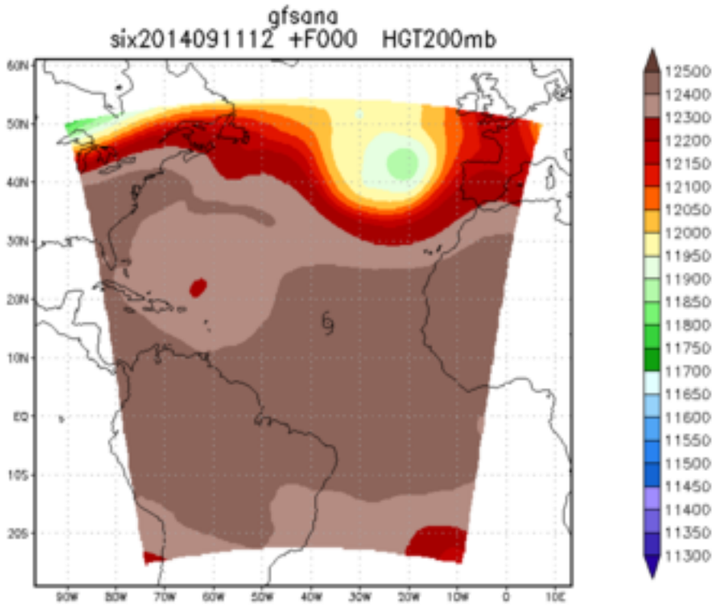
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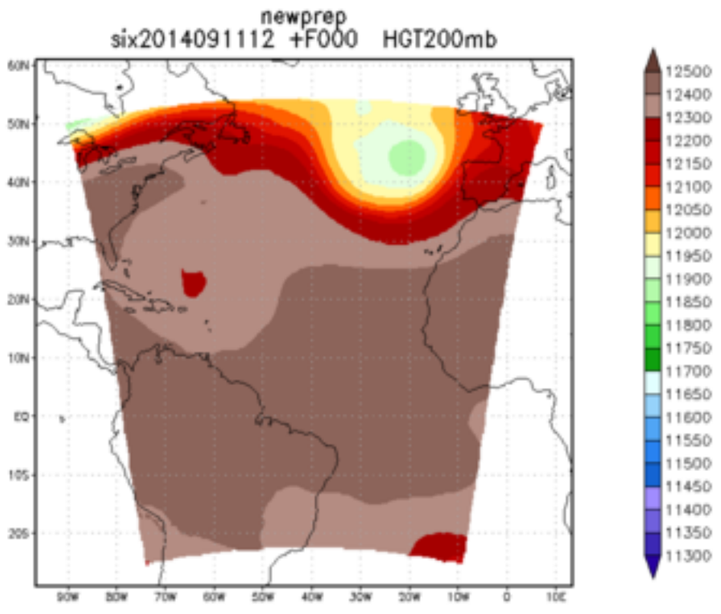
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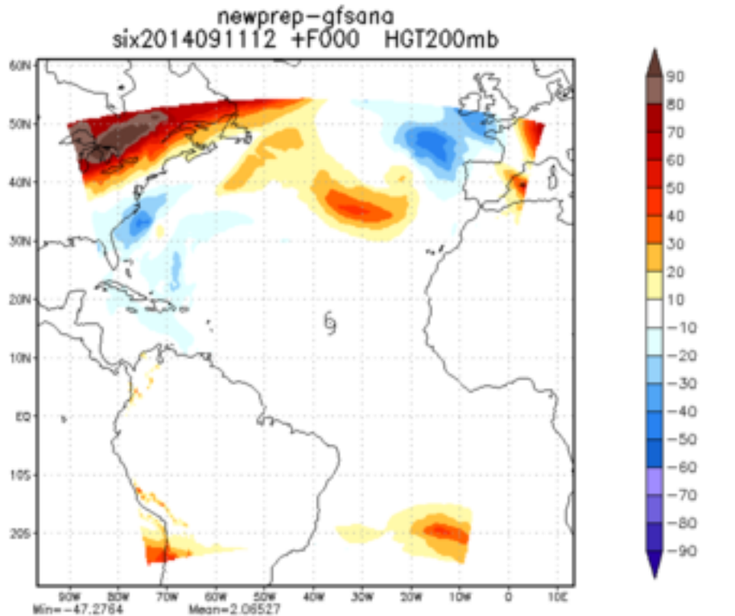
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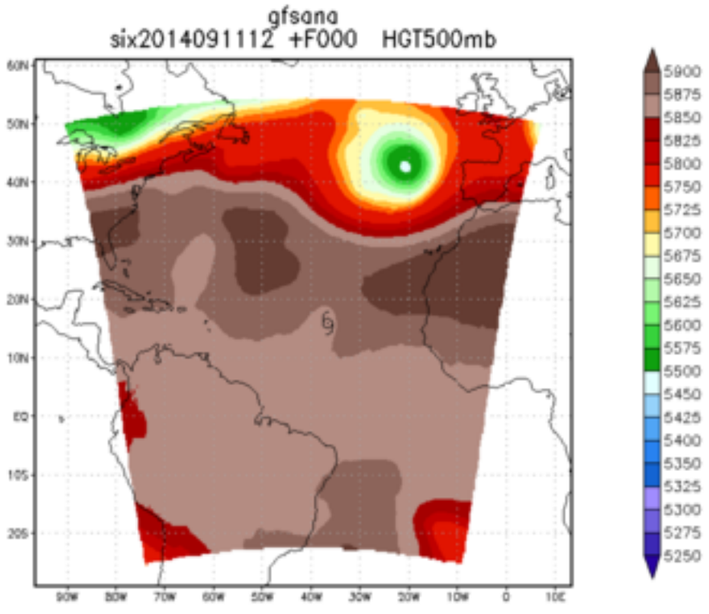
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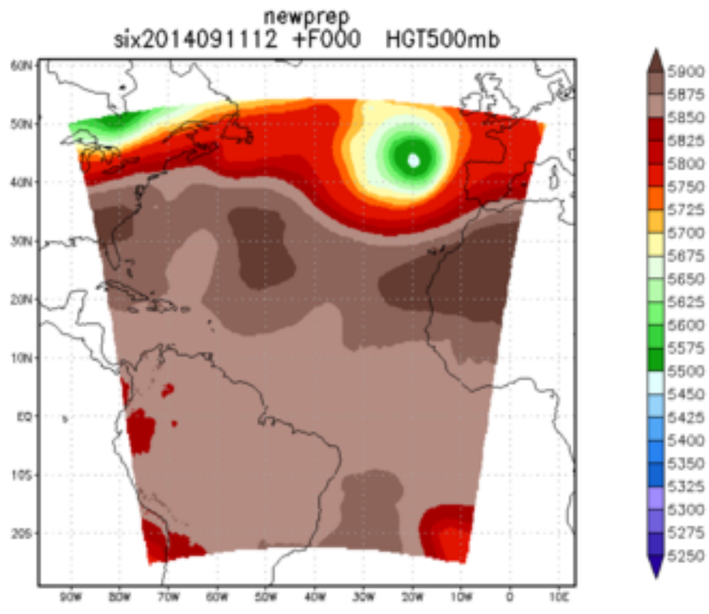
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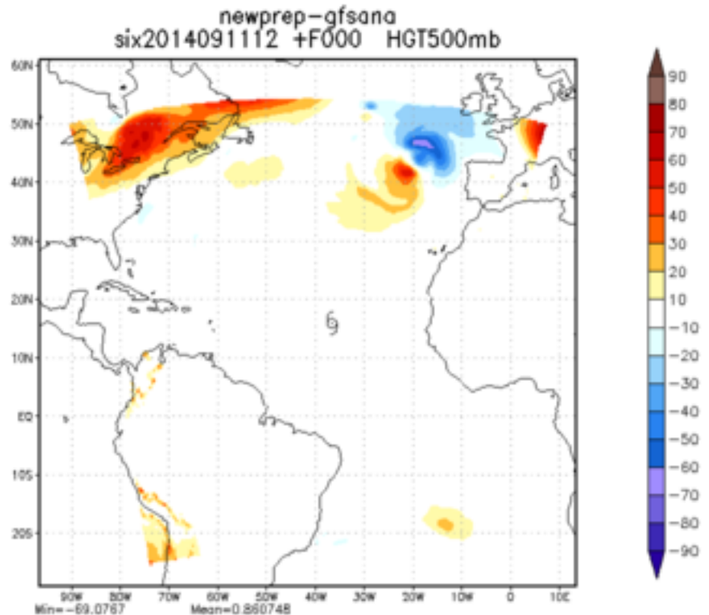
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Max=63.6528
Mean=0.860748
RMS =11.5452
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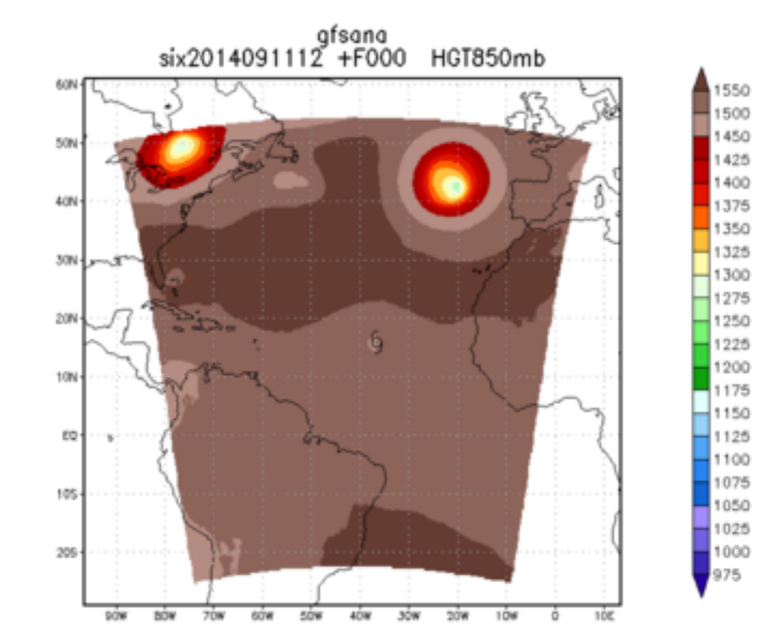
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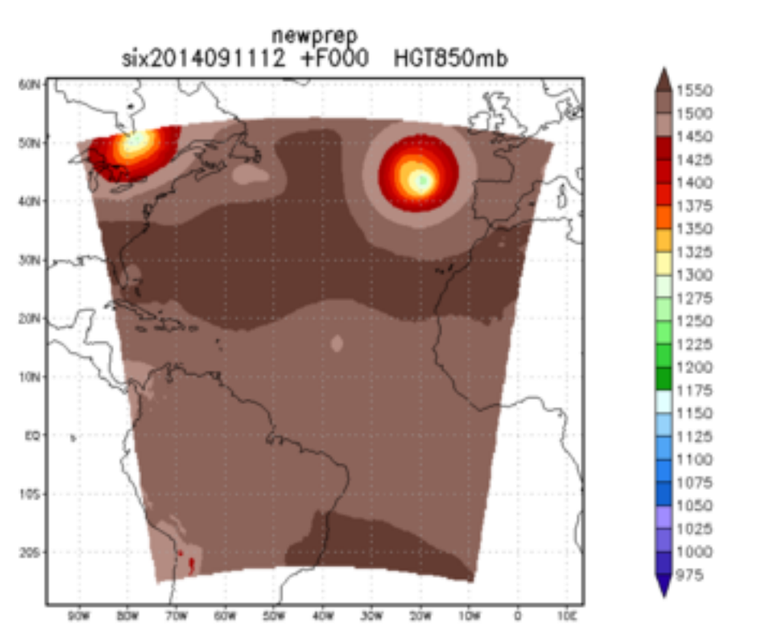
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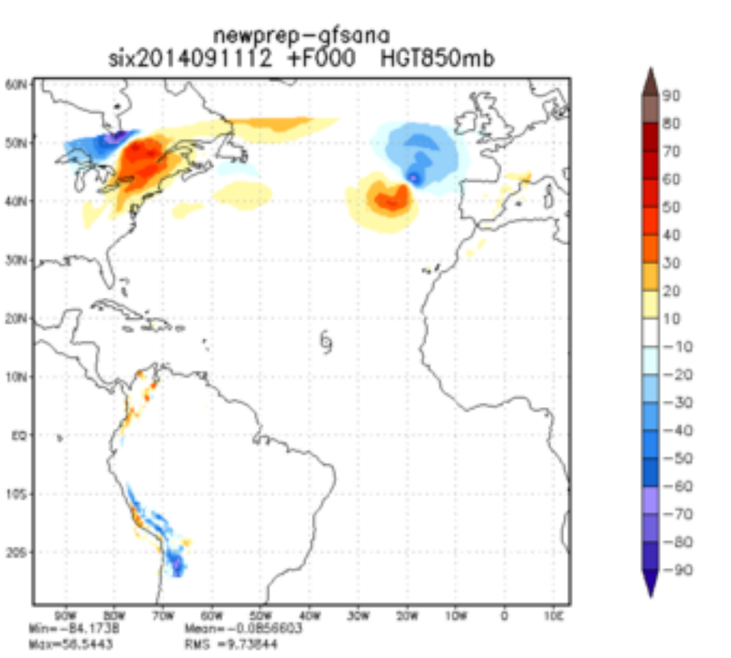
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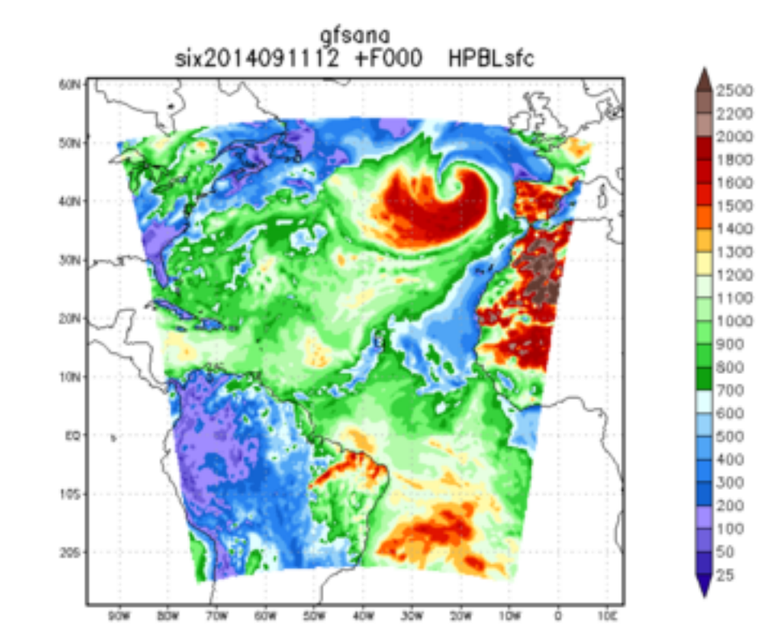
Min=−84.1738
Max=56.5443
Mean=−0.0856603
RMS =9.73844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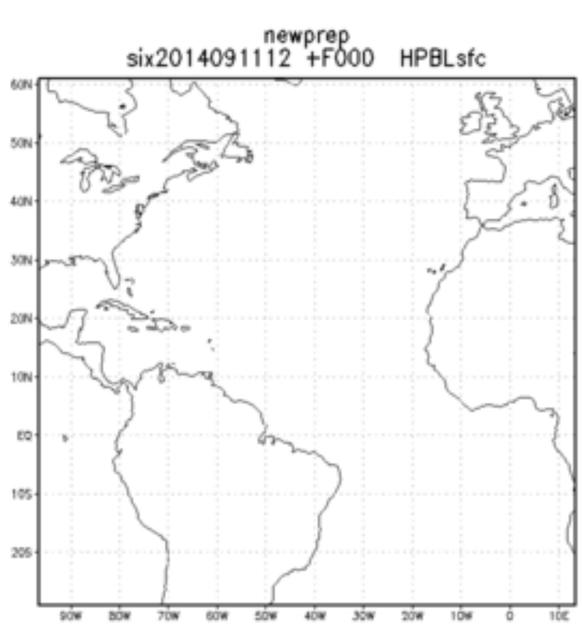
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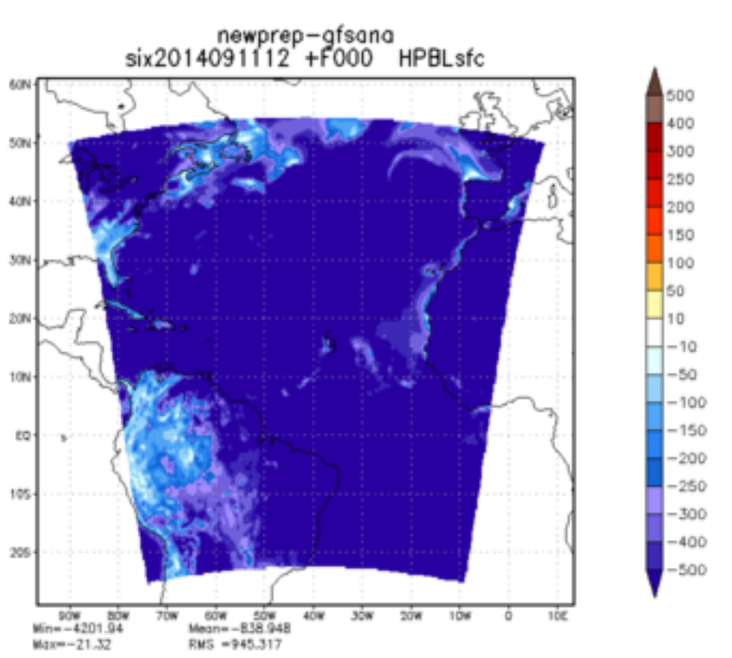
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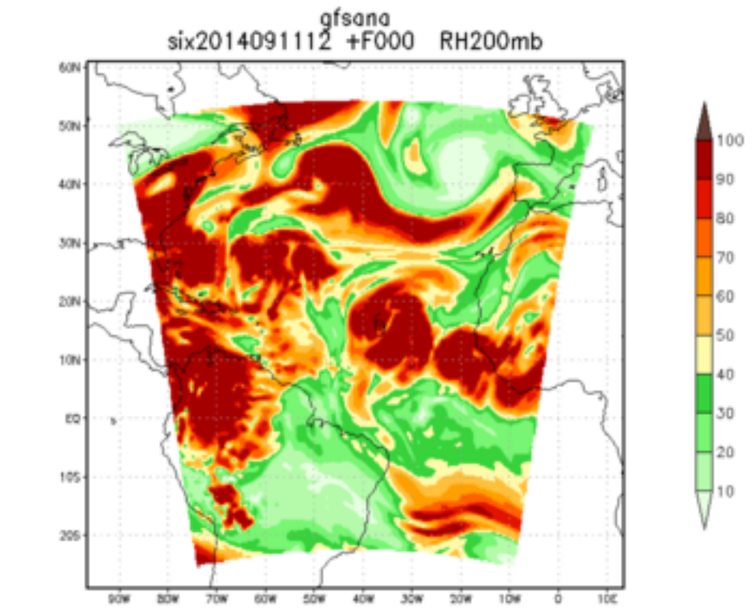
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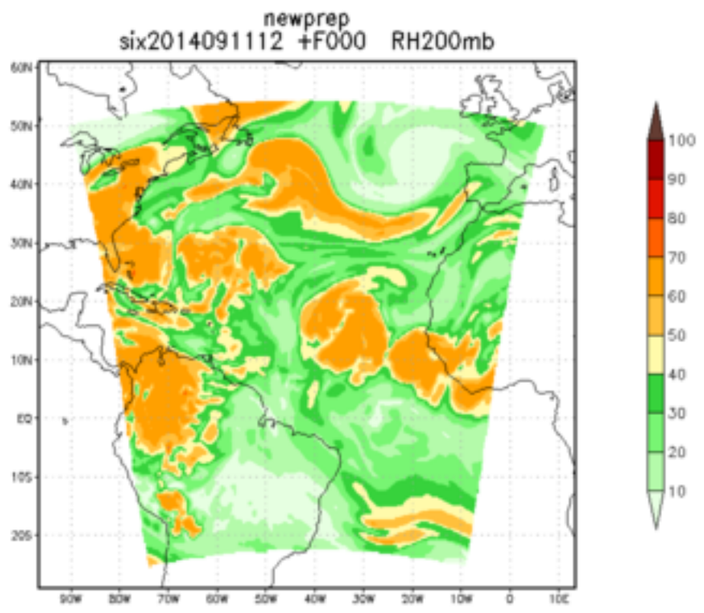
10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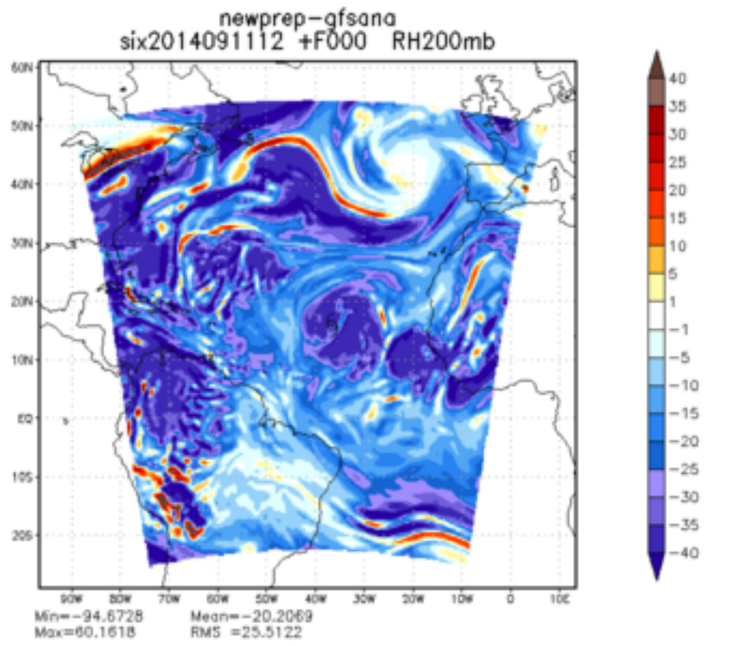
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40
35
30
25
20
15
10
5
1
-1
-5
-10
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-20
-25
-30
-35
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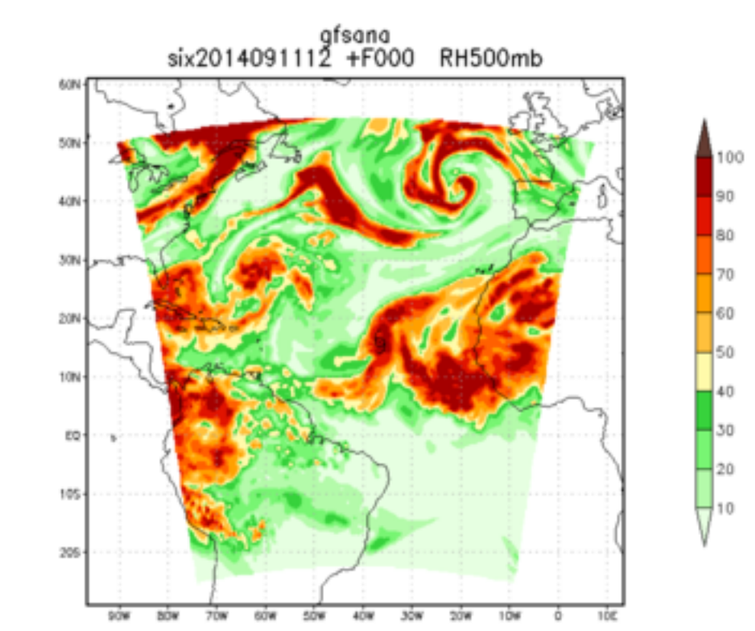
Max=60.1618 RMS =25.5122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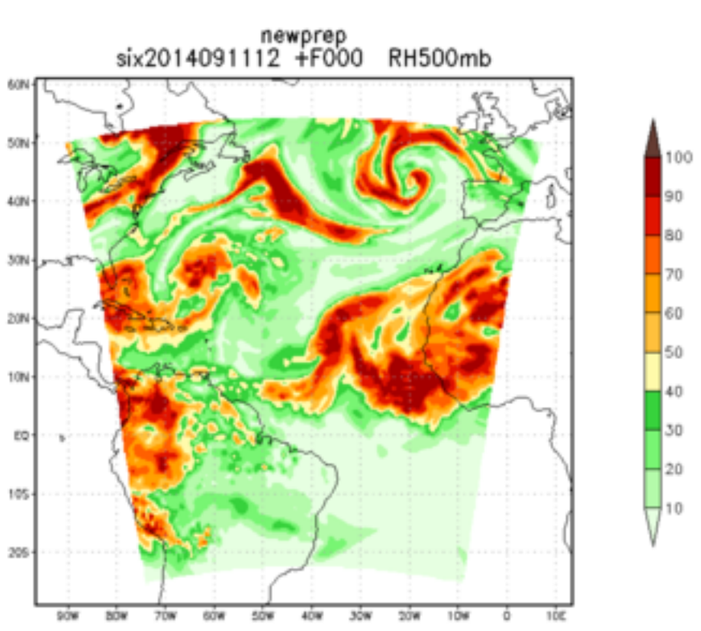
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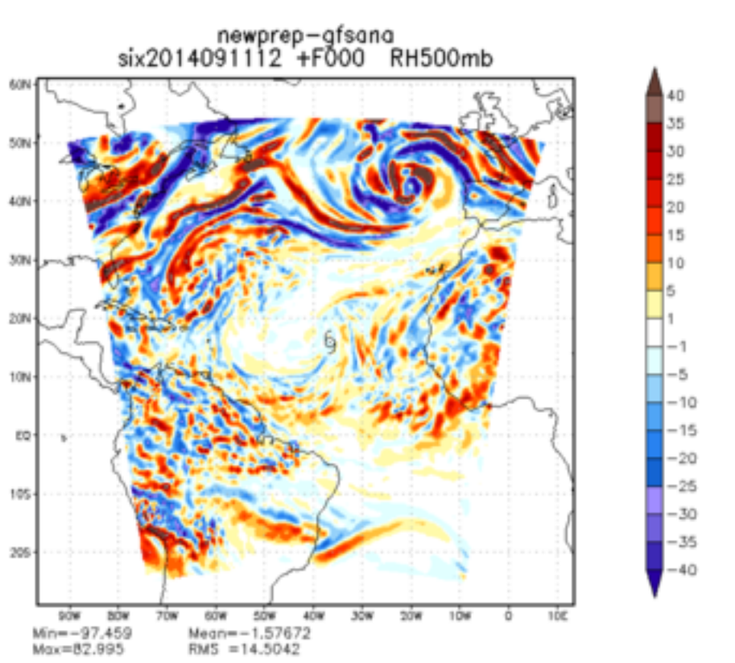
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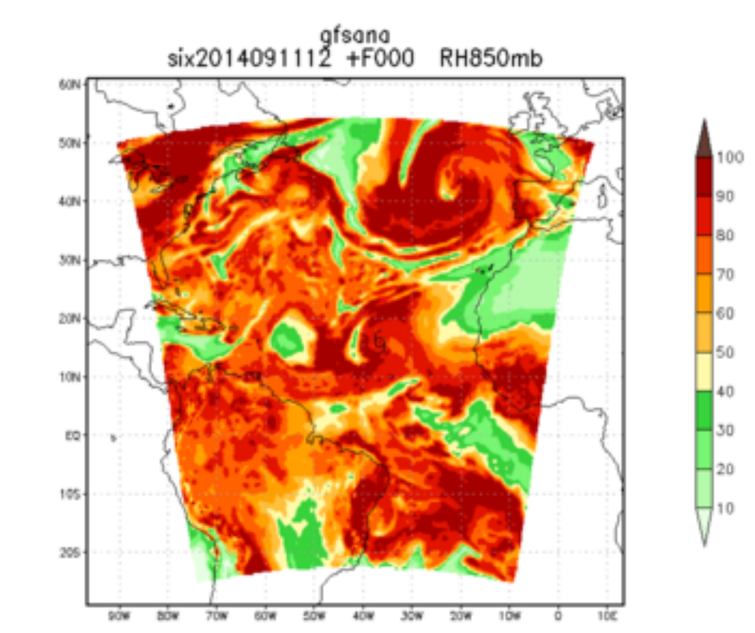
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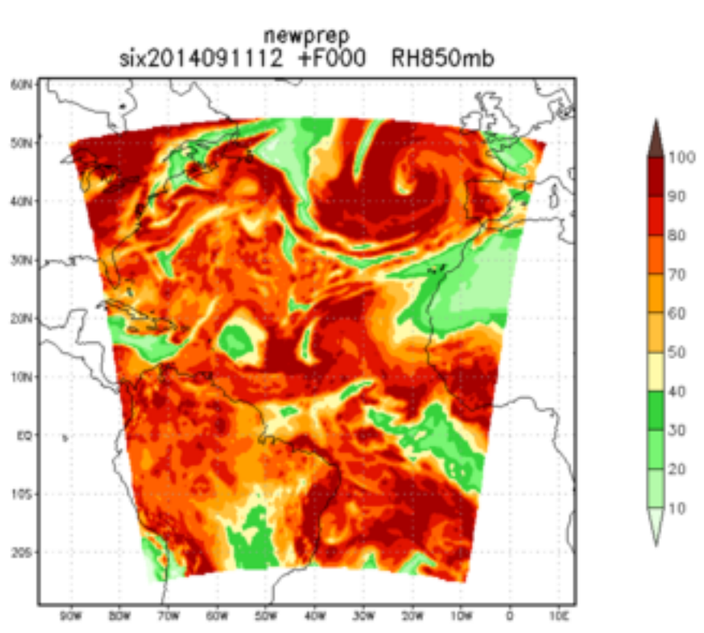
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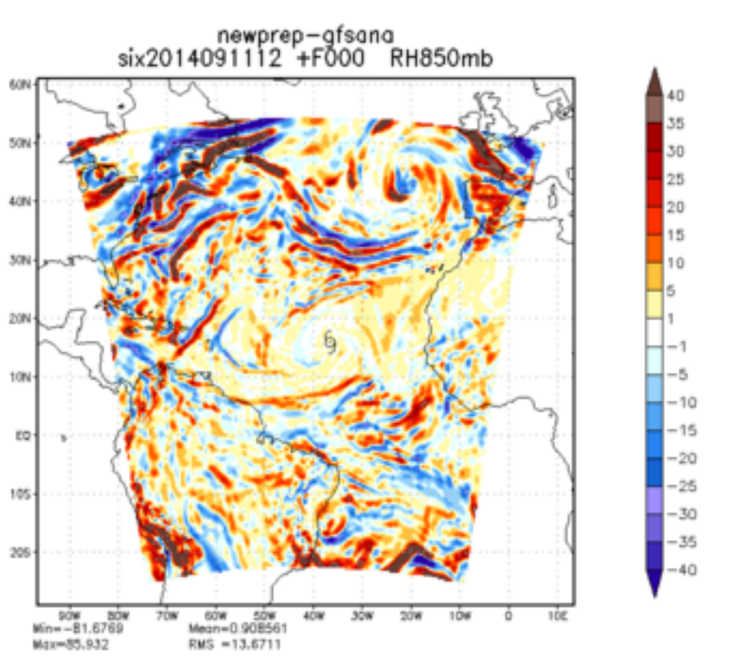
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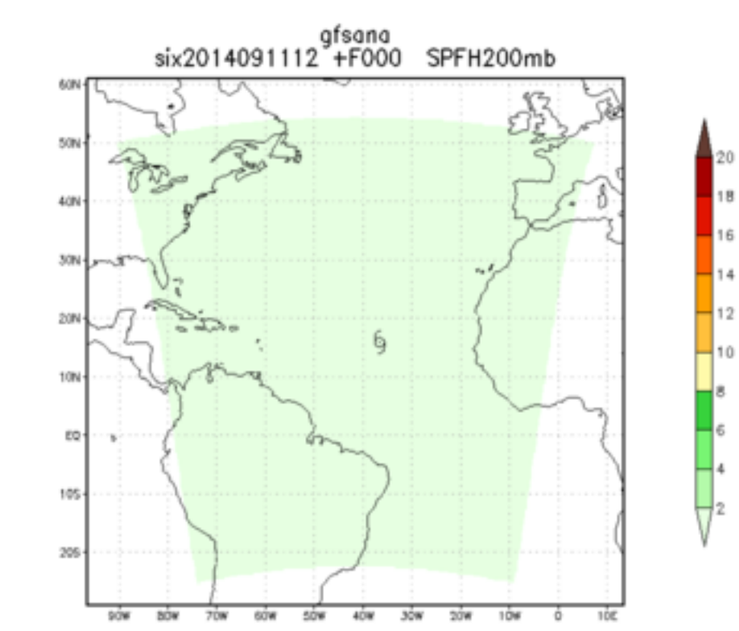
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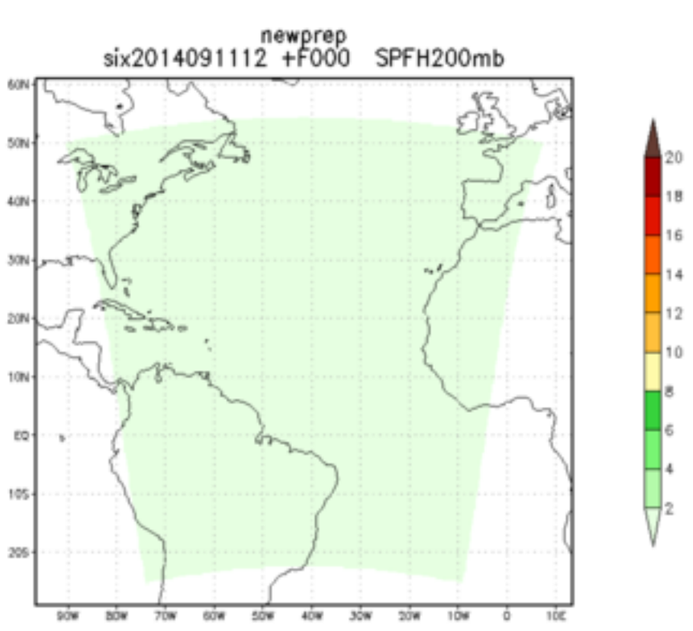
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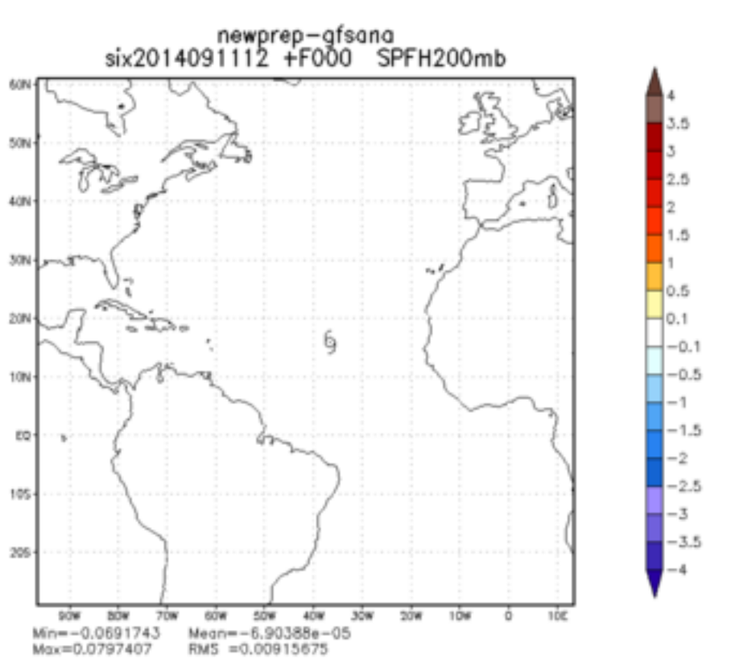
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Max=0.0797407 RMS =0.00915675
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3.5
3
2.5
2
1.5
1
0.5
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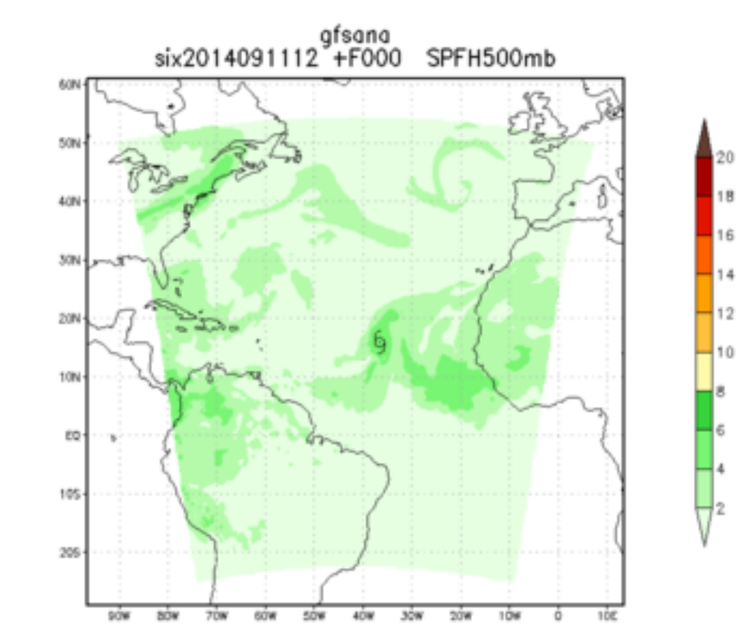
−0.1
−0.5
−1
−1.5
−2
−2.5
−3
−3.5
−4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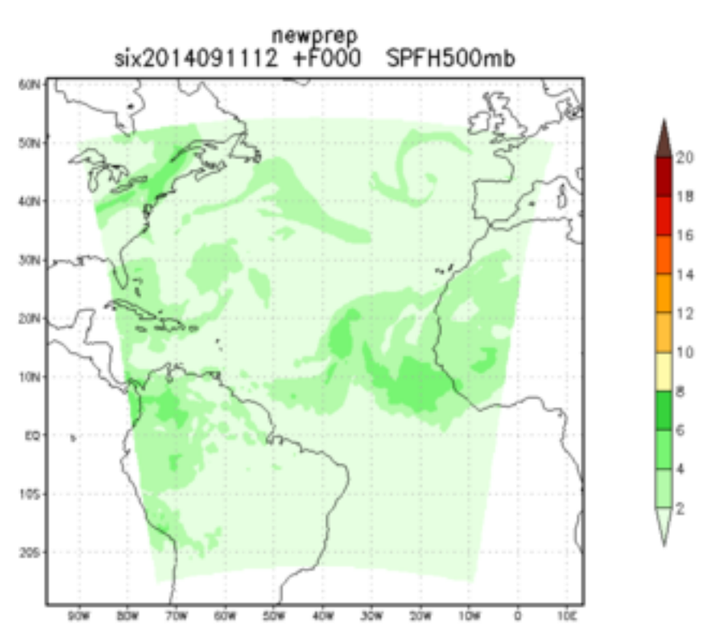
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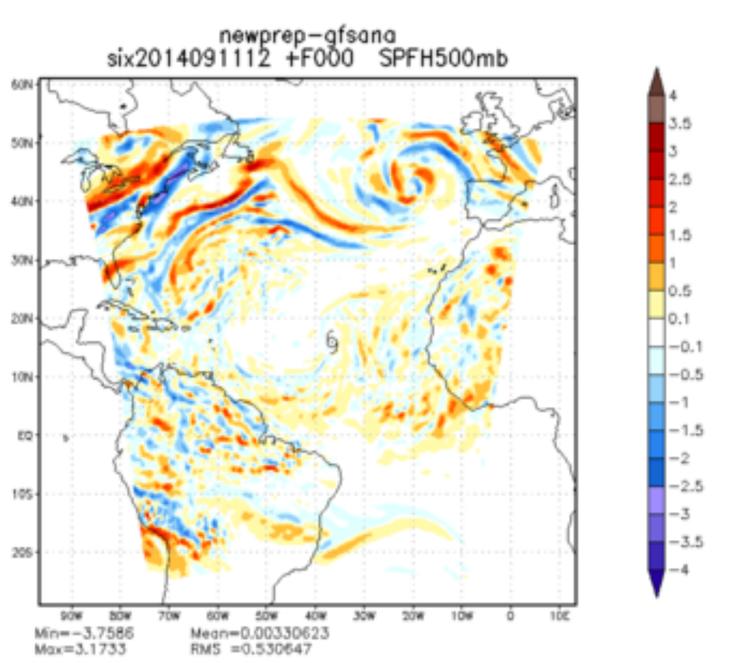
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EQ
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20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
4
3.5
3
2.5
2
1.5
1
0.5
0.1
-0.1
-0.5
-1
-1.5
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-2.5
-3
-3.5
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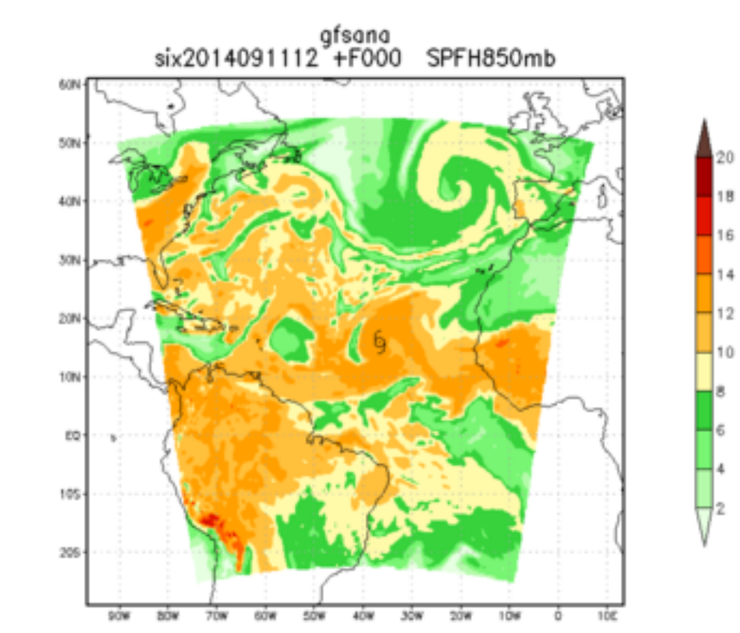
Max=3.1733 RMS =0.530647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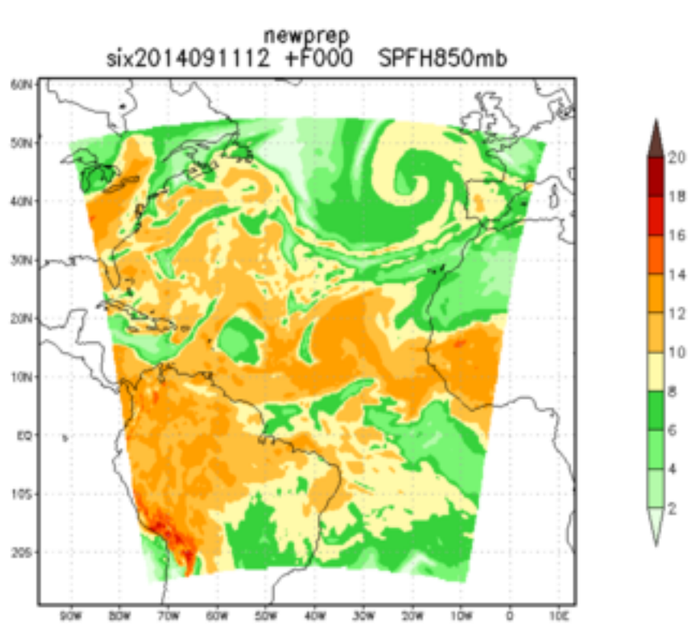
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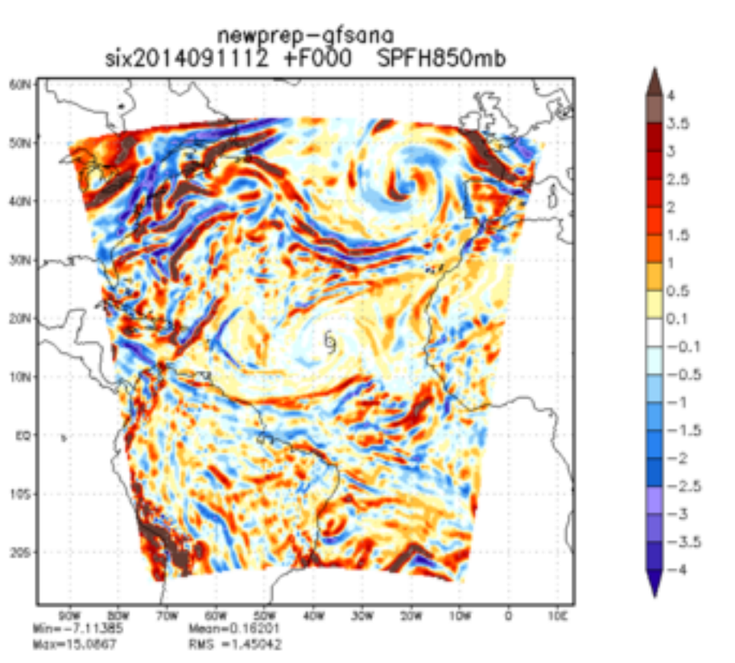
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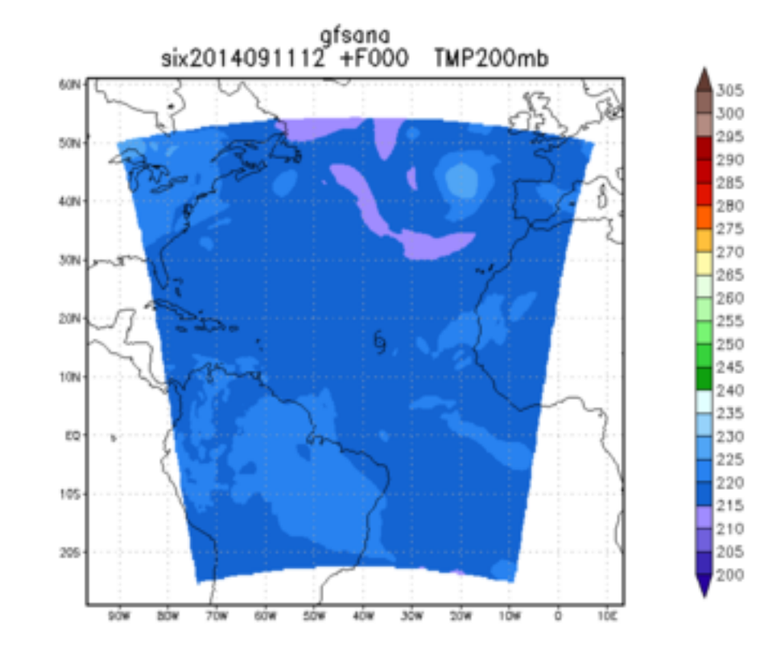
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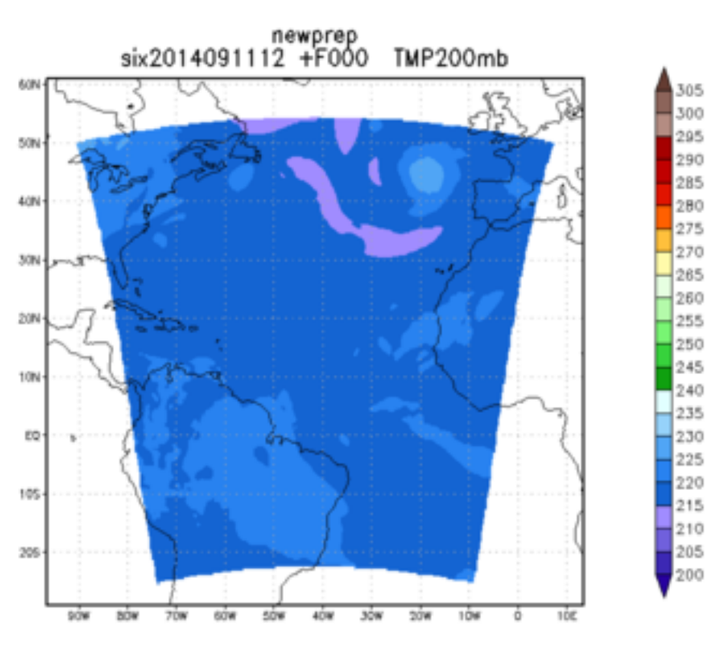
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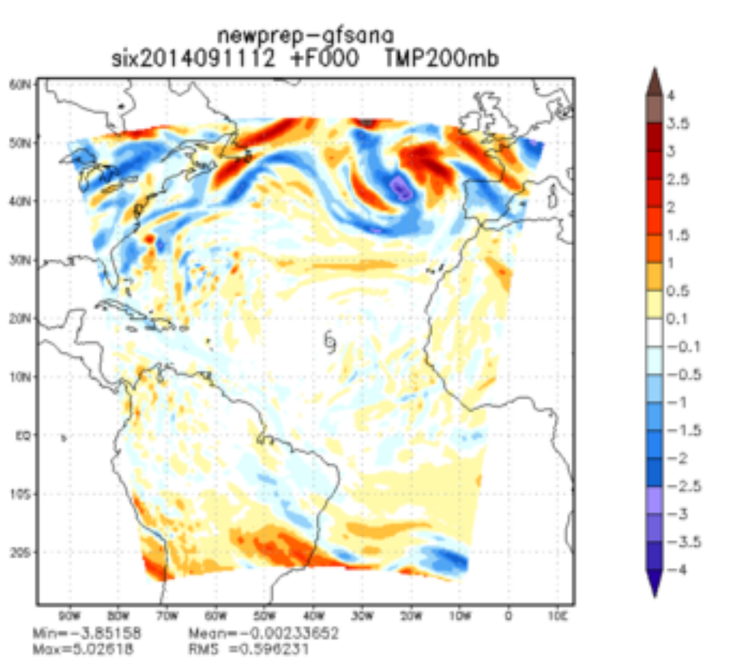
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EQ
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20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
4 3.5 3 2.5 2 1.5 1 0.5 0.1 -0.1 -0.5 -1 -1.5 -2 -2.5 -3 -3.5 -4
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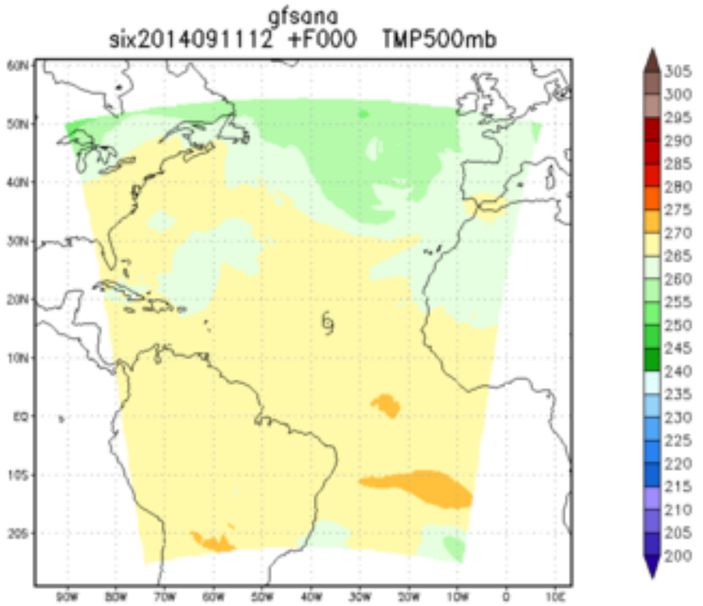
Max=5.02618 RMS =0.596231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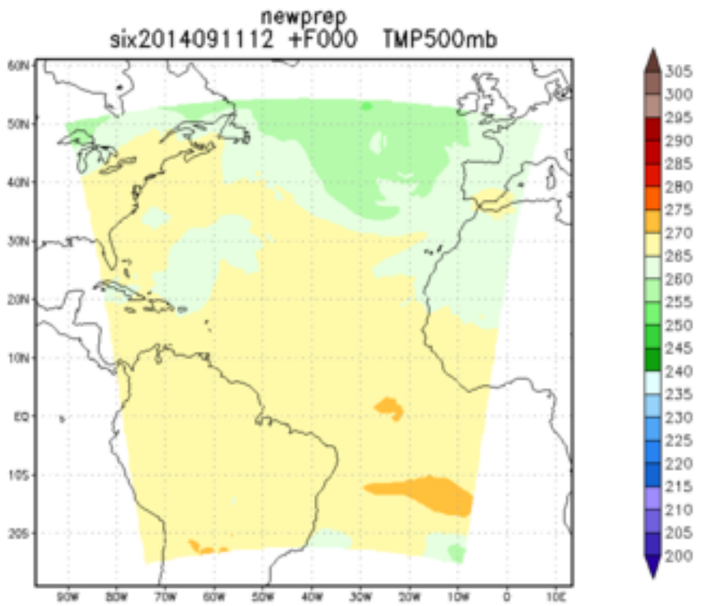
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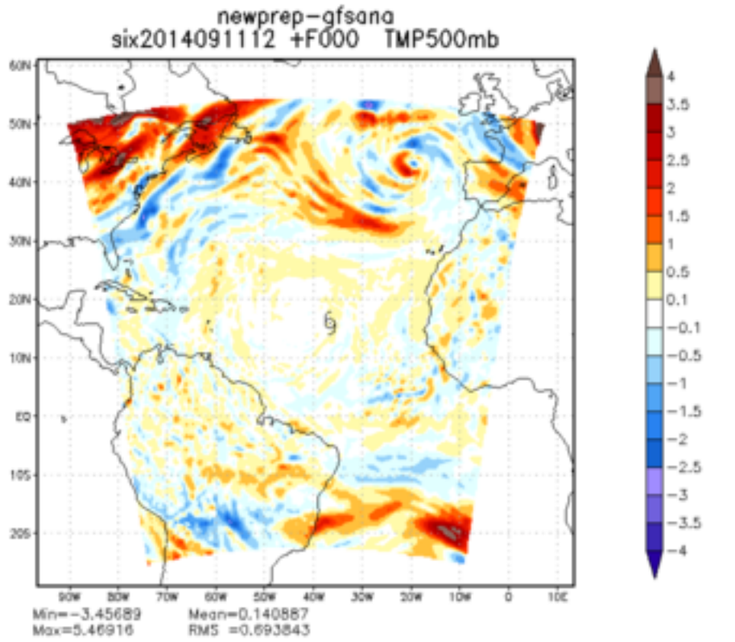
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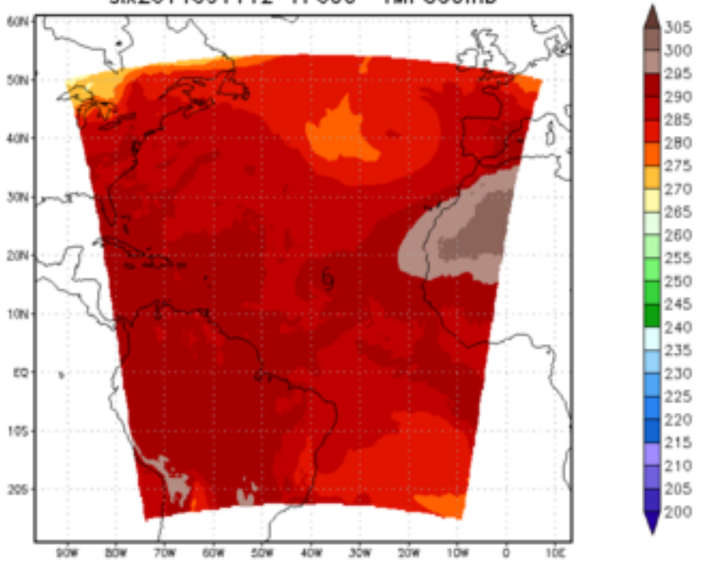
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60N
50N
40N
30N
20N
10N
EQ
10S
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
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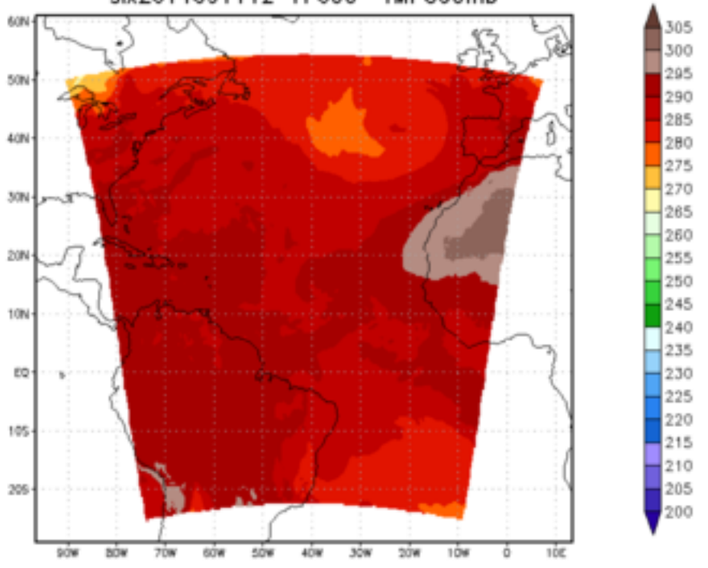
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20N
10N
EQ
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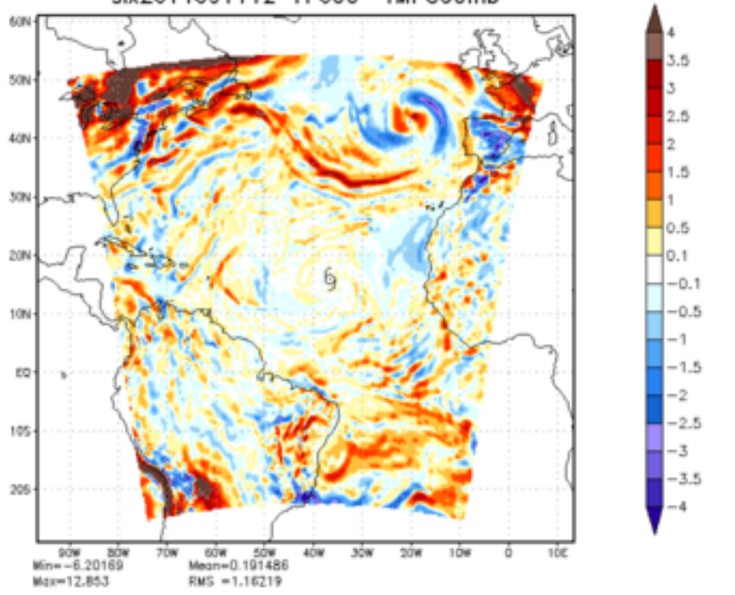
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
305 300 295 290 285 280 275 270 265 260 255 250 245 240 235 230 225 220 215 210 205 200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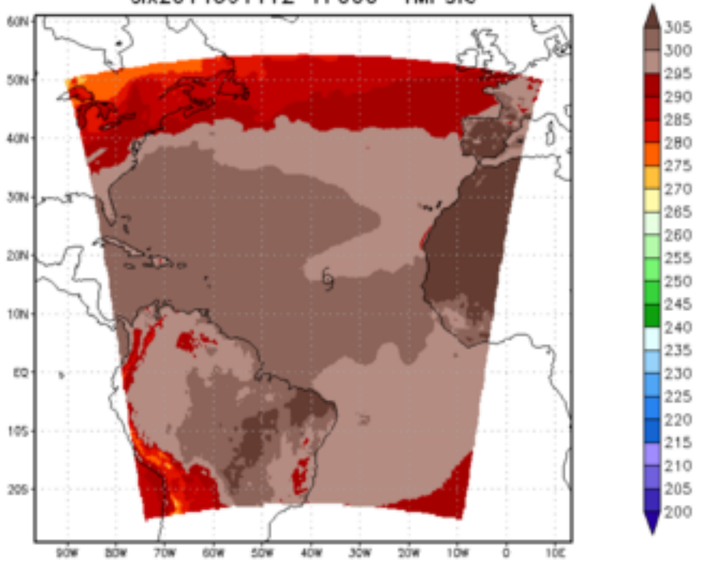
60N
50N
40N
30N
20N
10N
EQ
10S
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
4 3.5 3 2.5 2 1.5 1 0.5 0.1 -0.1 -0.5 -1 -1.5 -2 -2.5 -3 -3.5 -4
Min=-6.20169
Max=12.853
Mean=0.191486
RMS =1.16219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305
300
295
290
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280
275
270
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260
255
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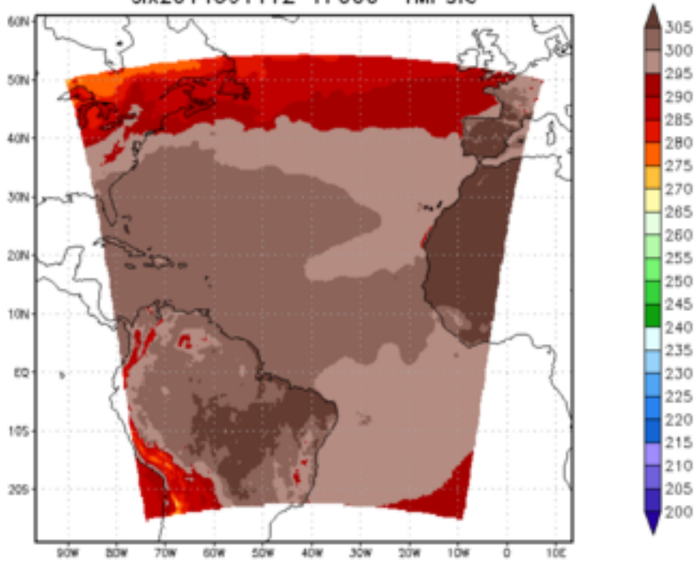
225
220
215
210
205
200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six2014091112 +F000 TMPsfc
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300
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215
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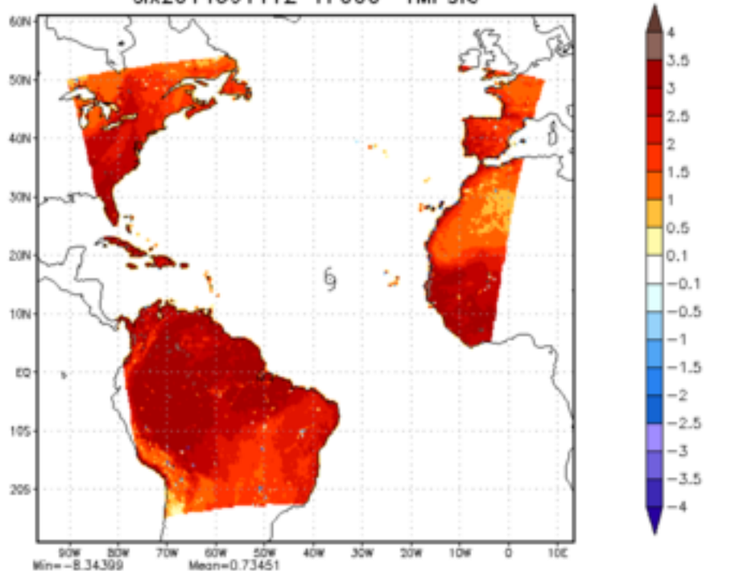
205
200


newprep-gfsana
six2014091112 +F000 TMPsfc
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
Min=-8.34399
Max=9.08102
Mean=0.73451
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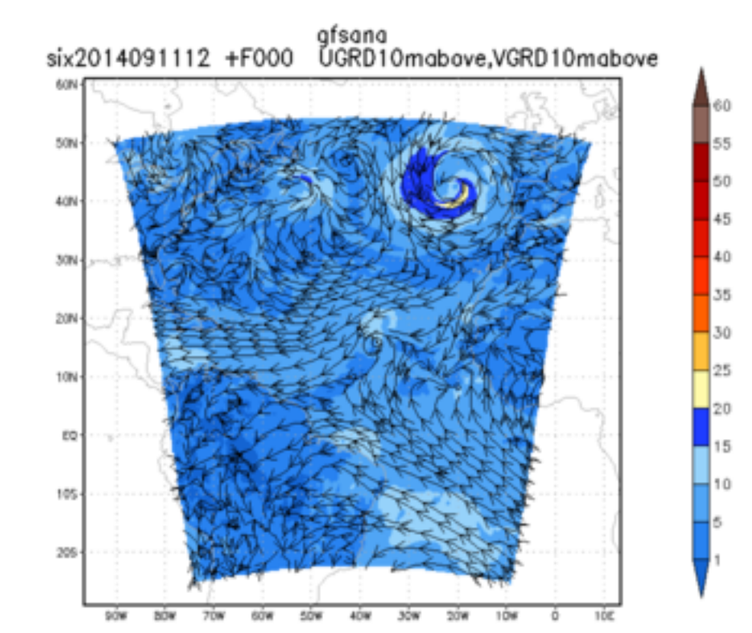
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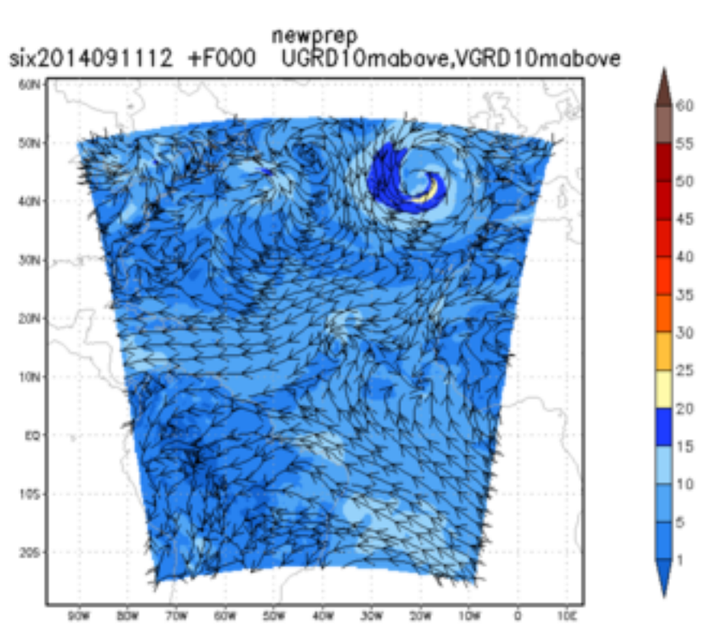
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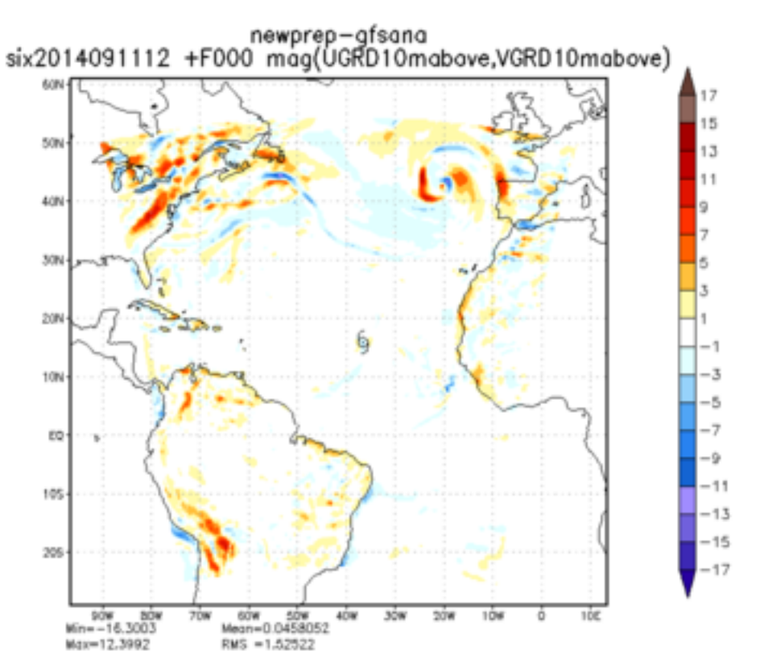
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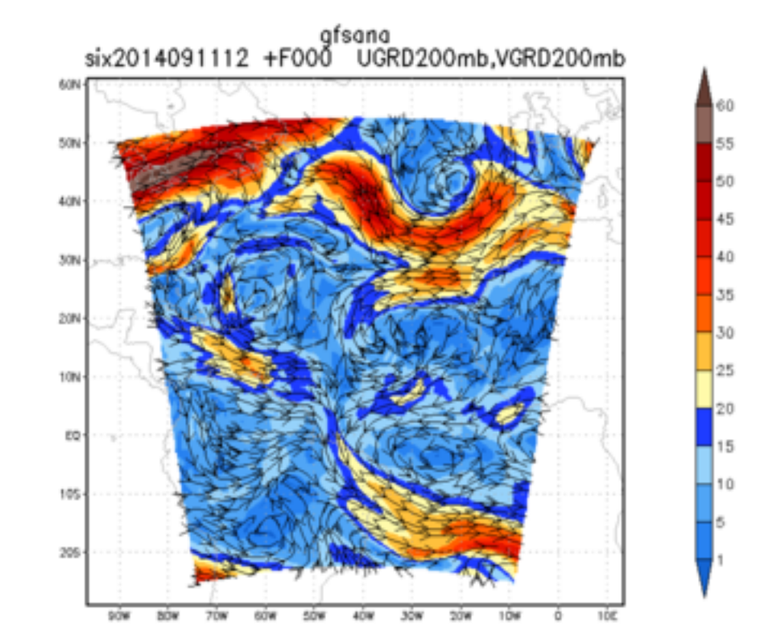
Min=−16.3003
Max=12.3992
Mean=0.0458052
RMS =1.52522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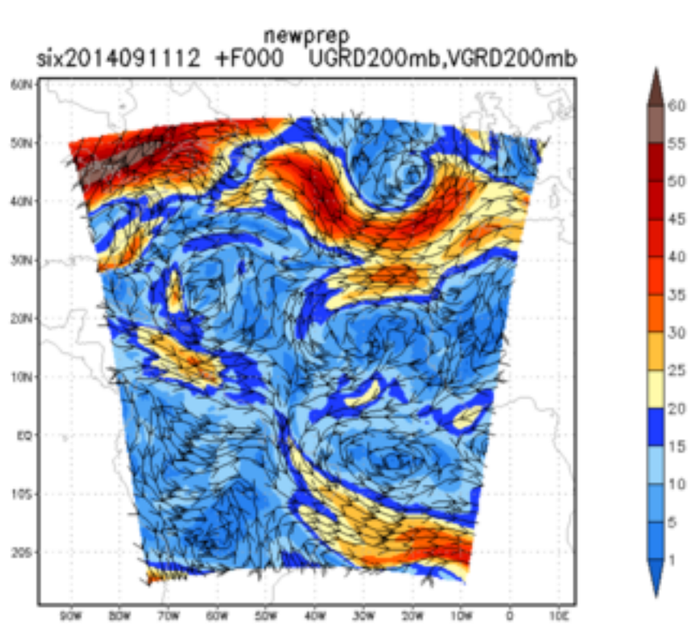
six2014091112 +F000 UGRD200mb,VGRD200mb
60N
50N
40N
30N
20N
10N
EQ
10S
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
60
55
50
45
40
35
30
25
20
15
10
5
1


newprep
six2014091112 +F000 UGRD200mb,VGRD200mb
60N
50N
40N
30N
20N
10N
EQ
10S
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
60
55
50
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35
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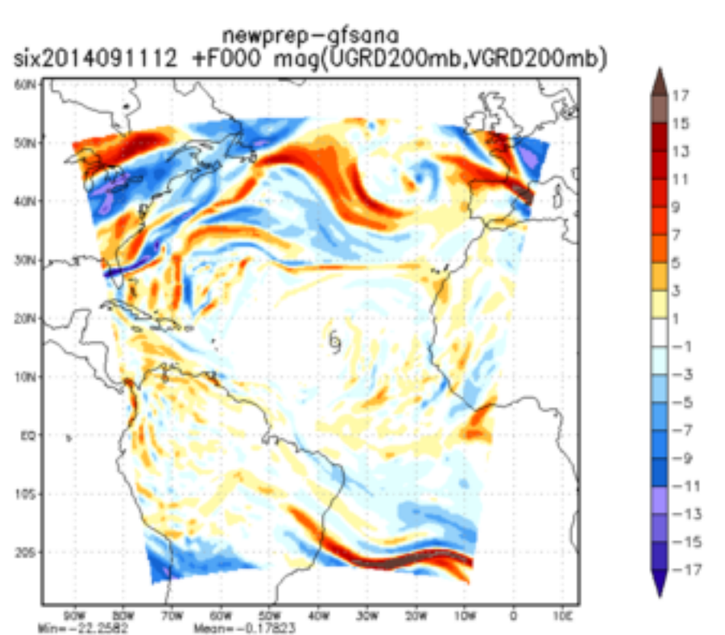
15
10
5
1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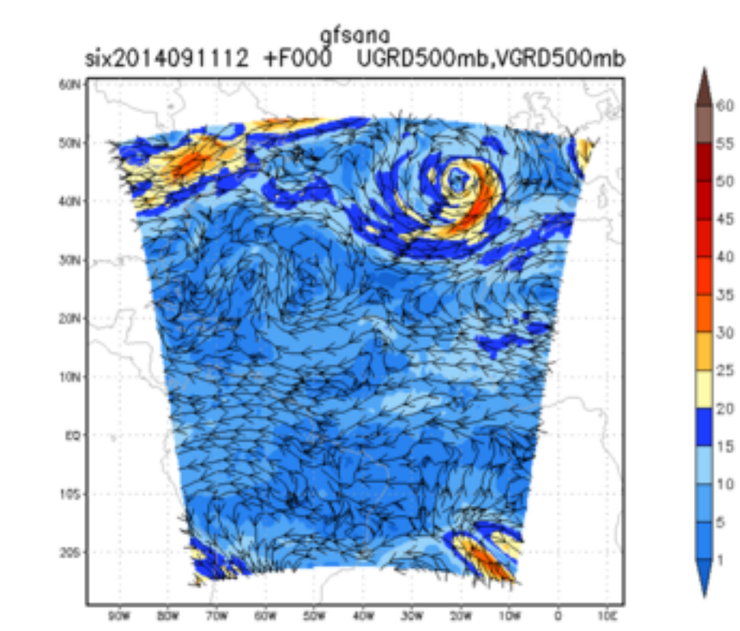
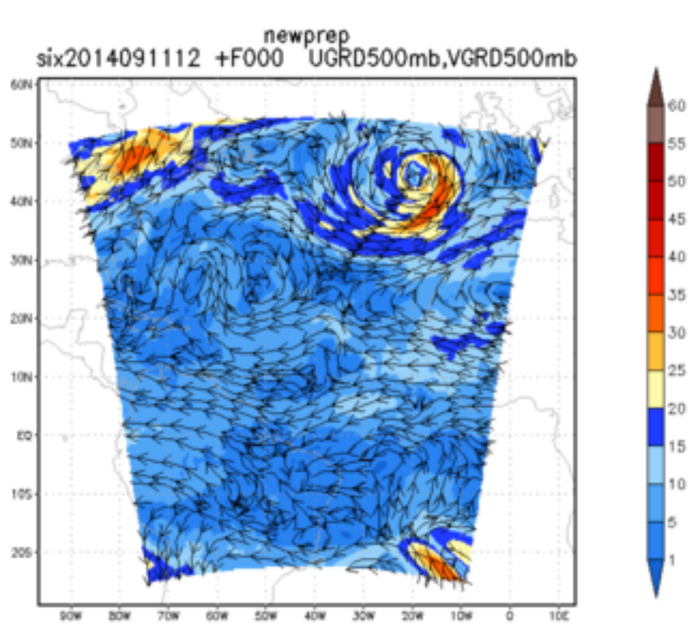
50N
40N
30N
20N
10N
EQ
10S
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
Min=−22.2582
Max=28.9361
Mean=−0.17823
RMS =3.78257
17
15
13
11
9
7
5
3
1
−1
−3
−5
−7
−9
−11
−13
−15
−17


gfsana
six2014091112 +F000 UGRD500mb,VGRD500mb
60N
50N
40N
30N
20N
10N
EQ
10S
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
60
55
50
45
40
35
30
25
20
15
10
5
1


newprep
six2014091112 +F000 UGRD500mb,VGRD500mb
60N
50N
40N
30N
20N
10N
EQ
10S
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
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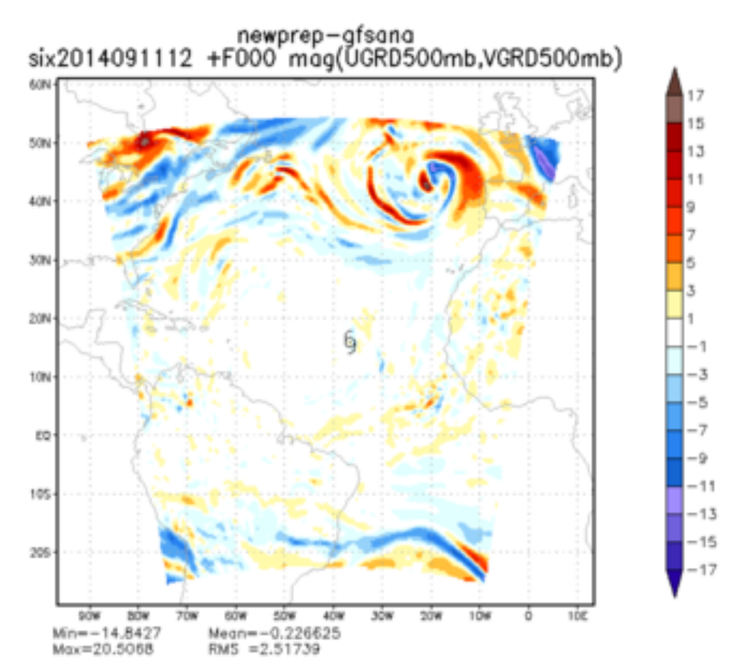
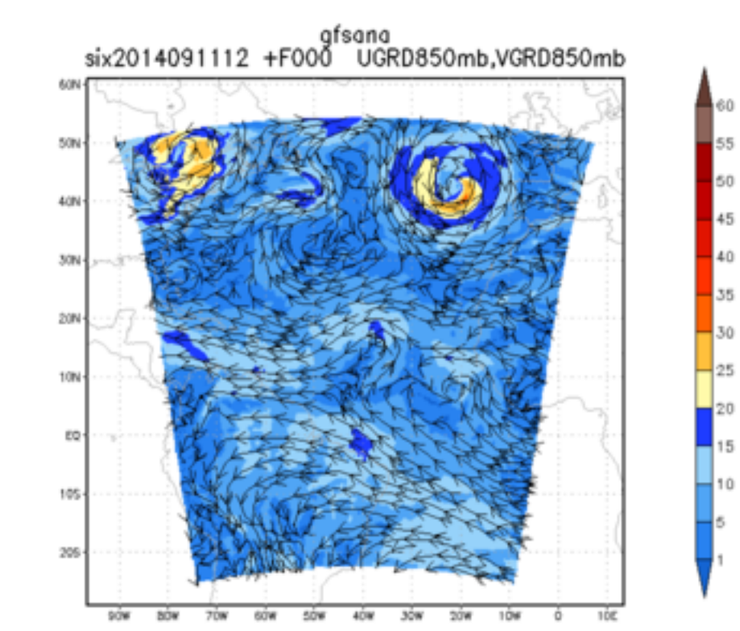
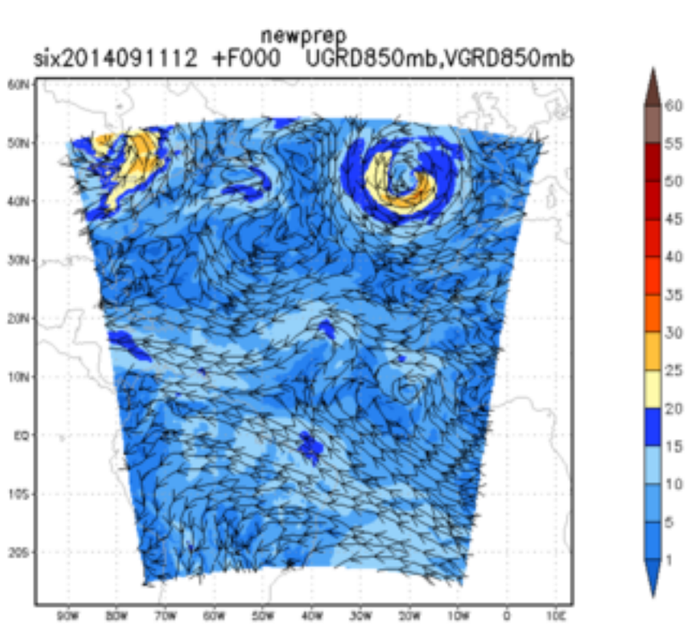
55
50
45
40
35
30
25
20
15
10
5
1


newprep−gfsana
six2014091112 +F000 mag(UGRD500mb,VGRD500mb)
60N
50N
40N
30N
20N
10N
EQ
10S
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
17
15
13
11
9
7
5
3
1
−1
−3
−5
−7
−9
−11
−13
−15
−17
Min=−14.8427 Mean=−0.226625
Max=20.5068 RMS =2.51739


gfsana
six2014091112 +F000 UGRD850mb,VGRD850mb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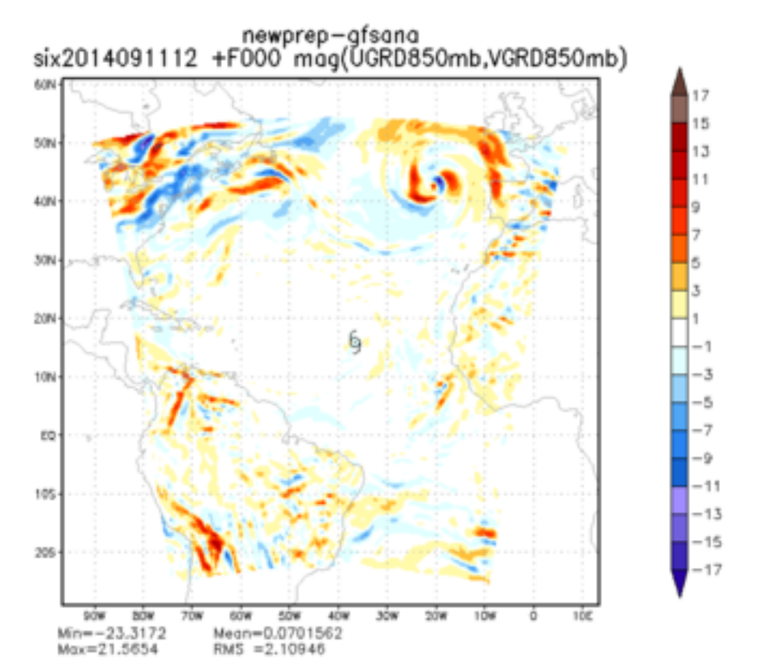
six2014091112 +F000 UGRD850mb,VGRD850mb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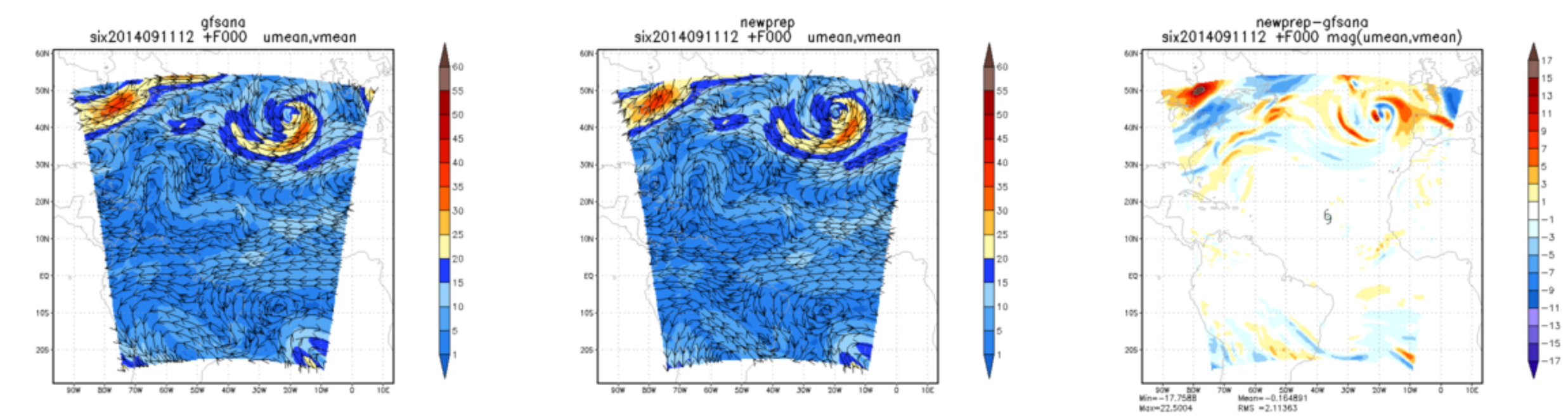
Mean=0.0701562
RMS =2.10946


gfsana
six2014091112 +F000 umean,vmean
newprep
six2014091112 +F000 umean,vmean
newprep−gfsana
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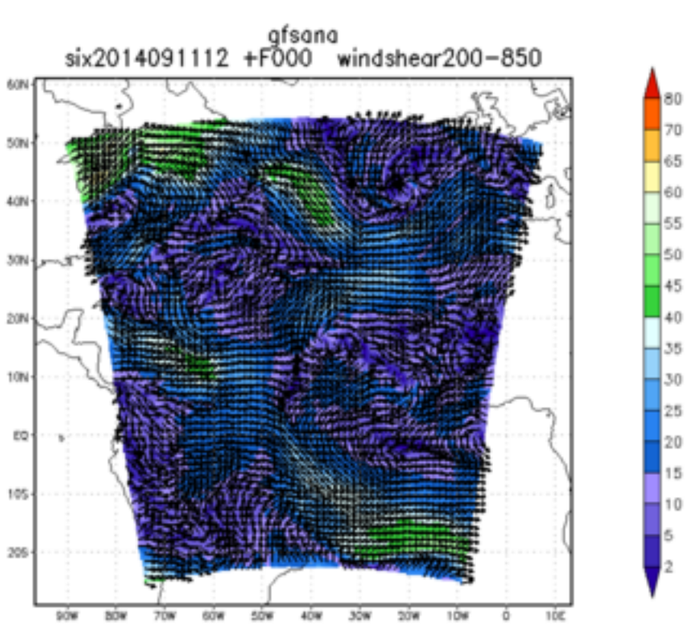
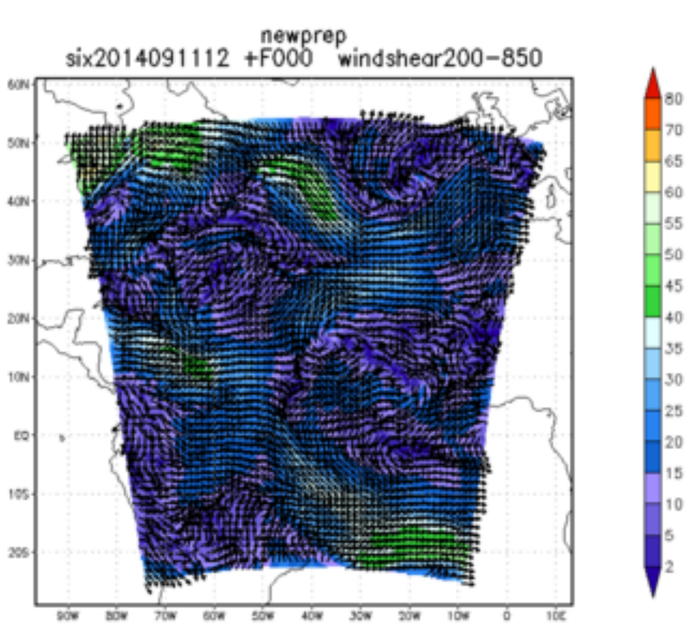
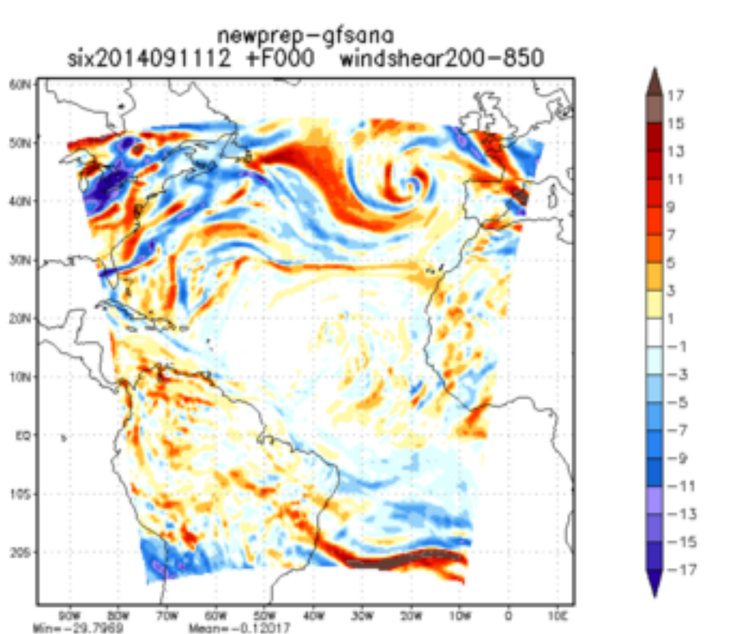
Max=22.5004
Mean=−0.164891
RMS =2.11363


gfsana
six2014091112 +F000 windshear200-850
60N
50N
40N
30N
20N
10N
EQ
10S
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
80 70 65 60 55 50 45 40 35 30 25 20 15 10 5 2


newprep
six2014091112 +F000 windshear200-850
60N
50N
40N
30N
20N
10N
EQ
10S
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
80 70 65 60 55 50 45 40 35 30 25 20 15 10 5 2


newprep-gfsana
six2014091112 +F000 windshear200-850
60N
50N
40N
30N
20N
10N
EQ
10S
20S
90W 80W 70W 60W 50W 40W 30W 20W 10W 0 10E
Min=-29.7989
Max=38.4466
Mean=-0.12017
RMS =4.28742
17 15 13 11 9 7 5 3 1 -1 -3 -5 -7 -9 -11 -13 -15 -17