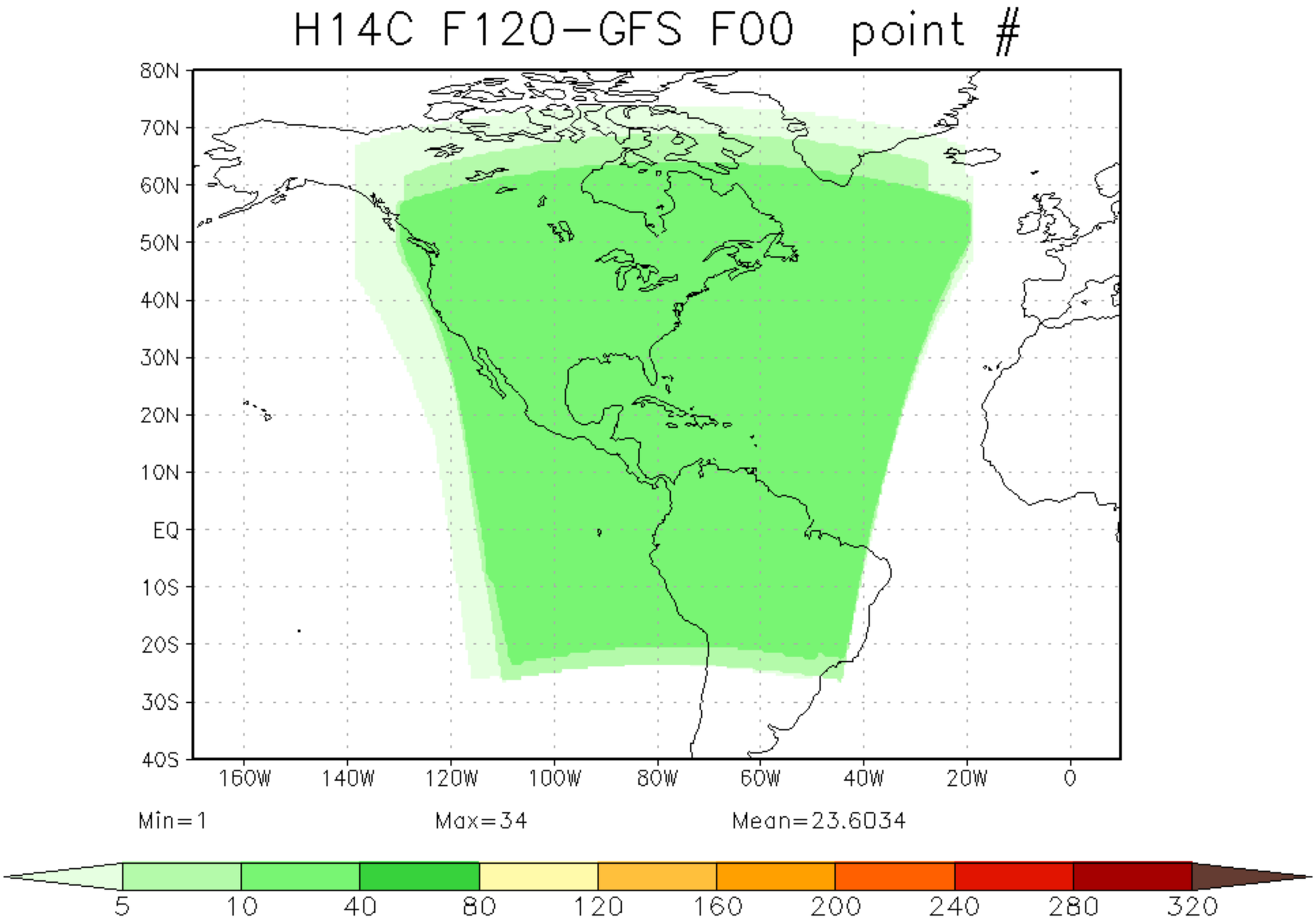
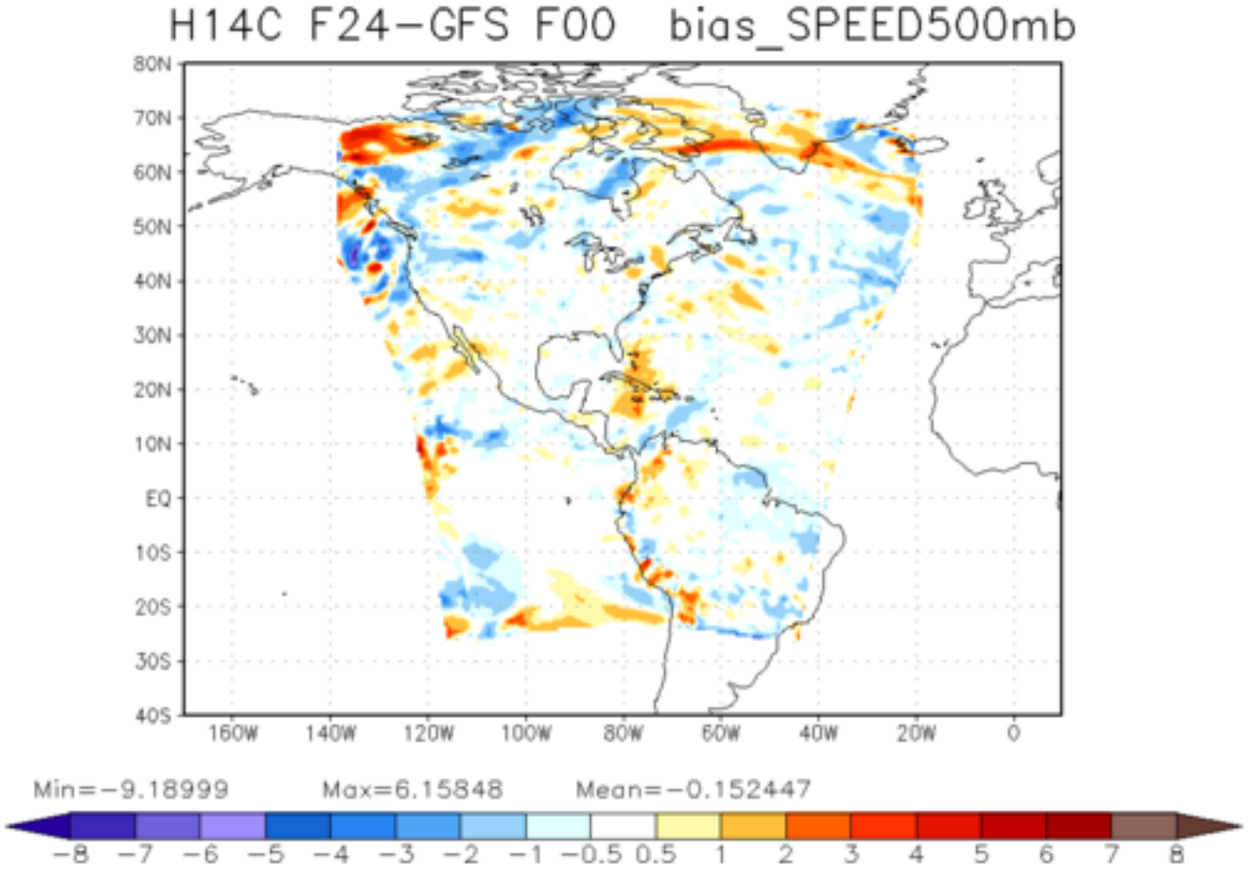
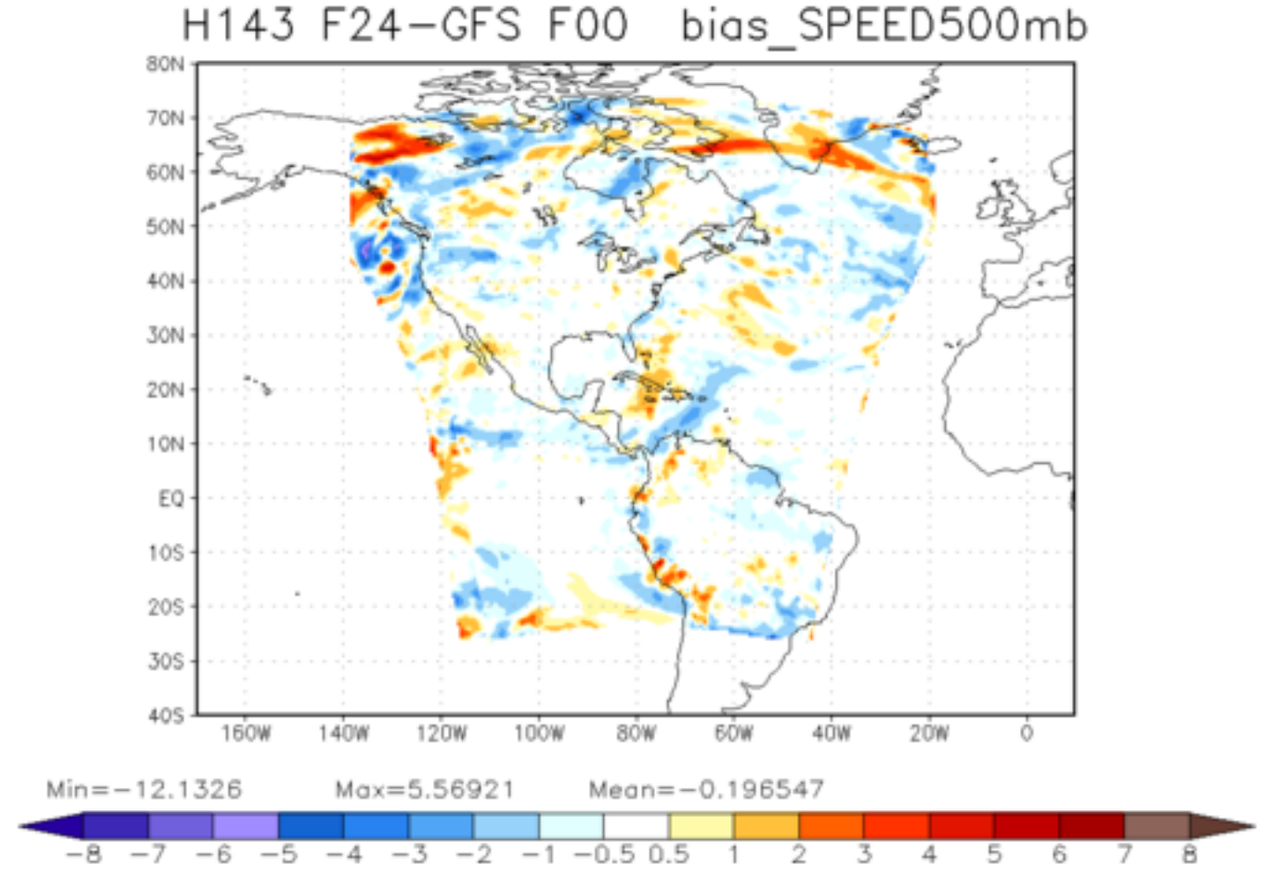
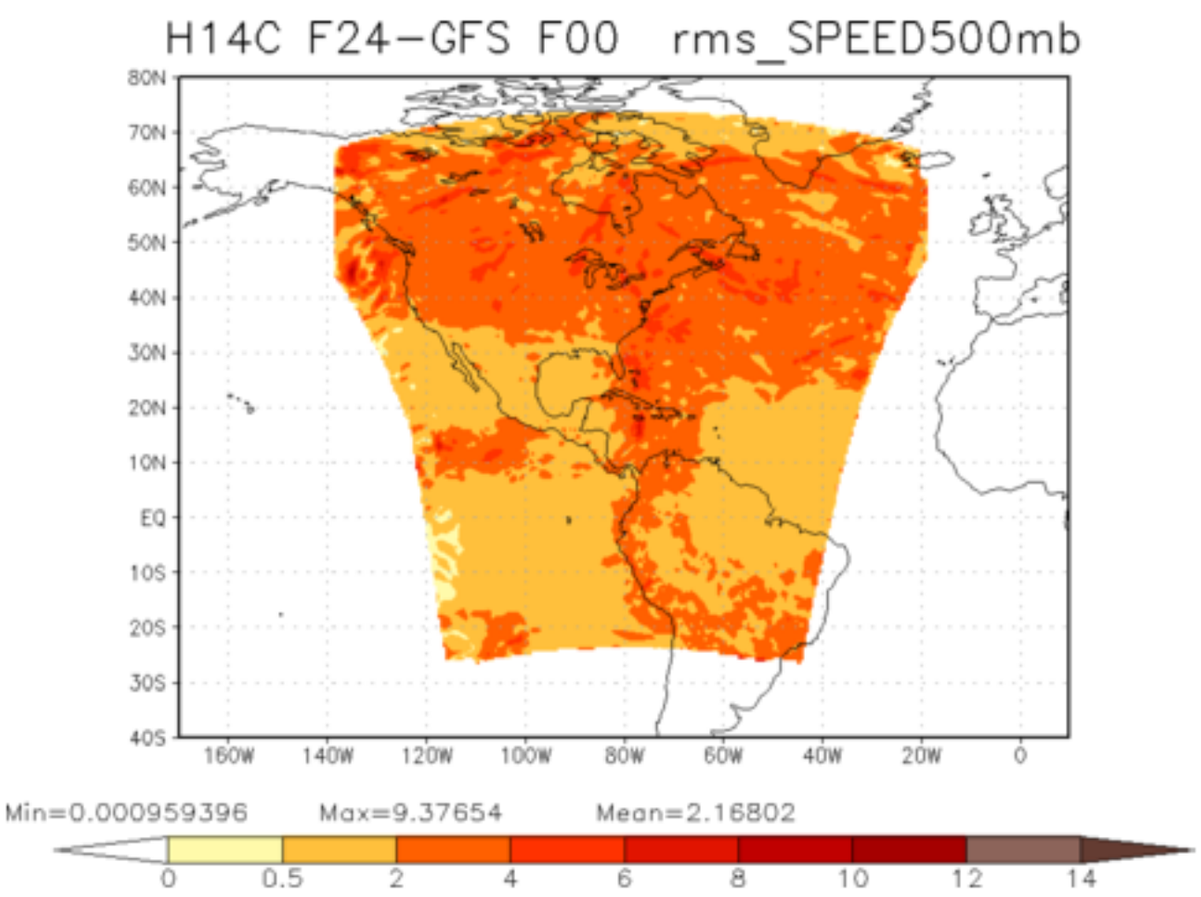
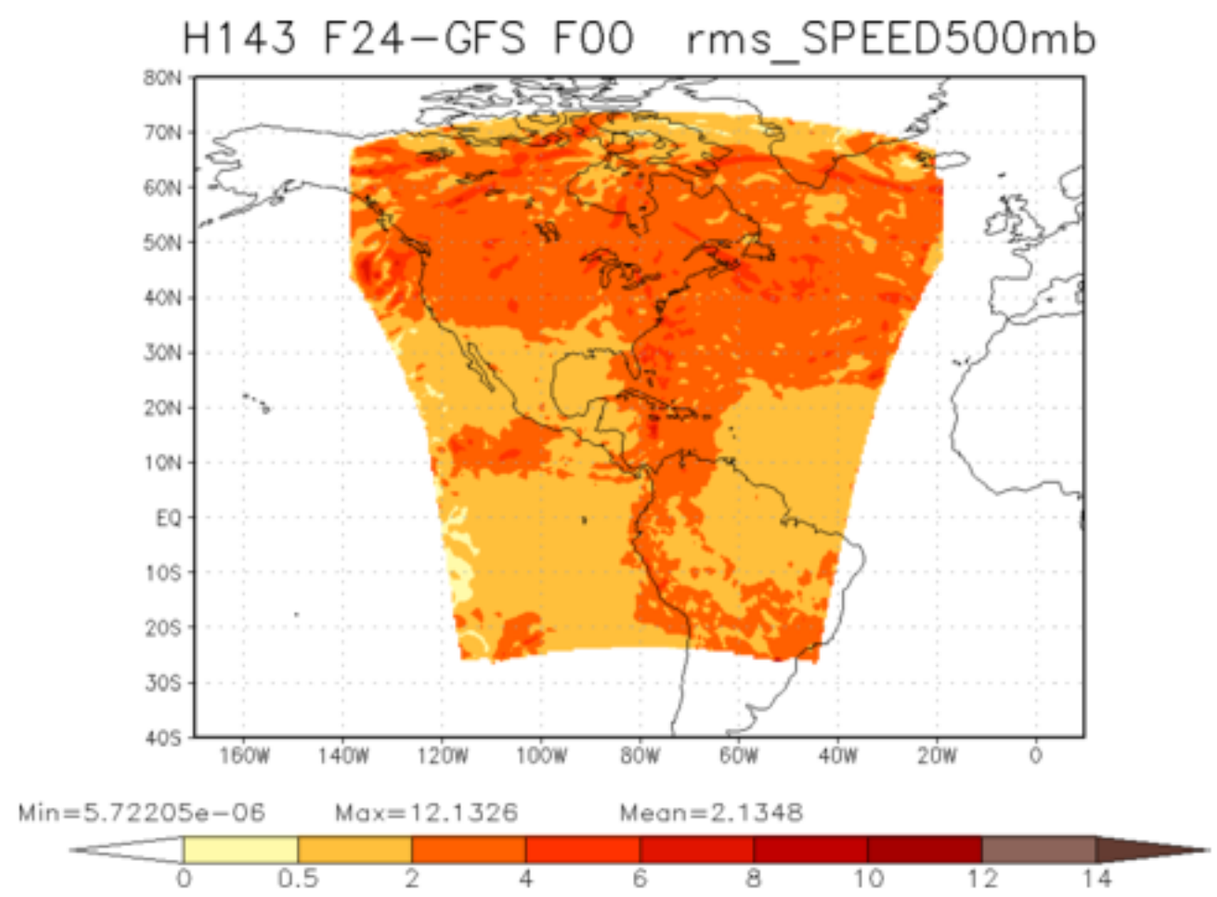

H14C F120-GFS F00 point #
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=1
Max=34
Mean=23.6034
5
10
40
80
120
160
200
240
280
320

SPEED+F024

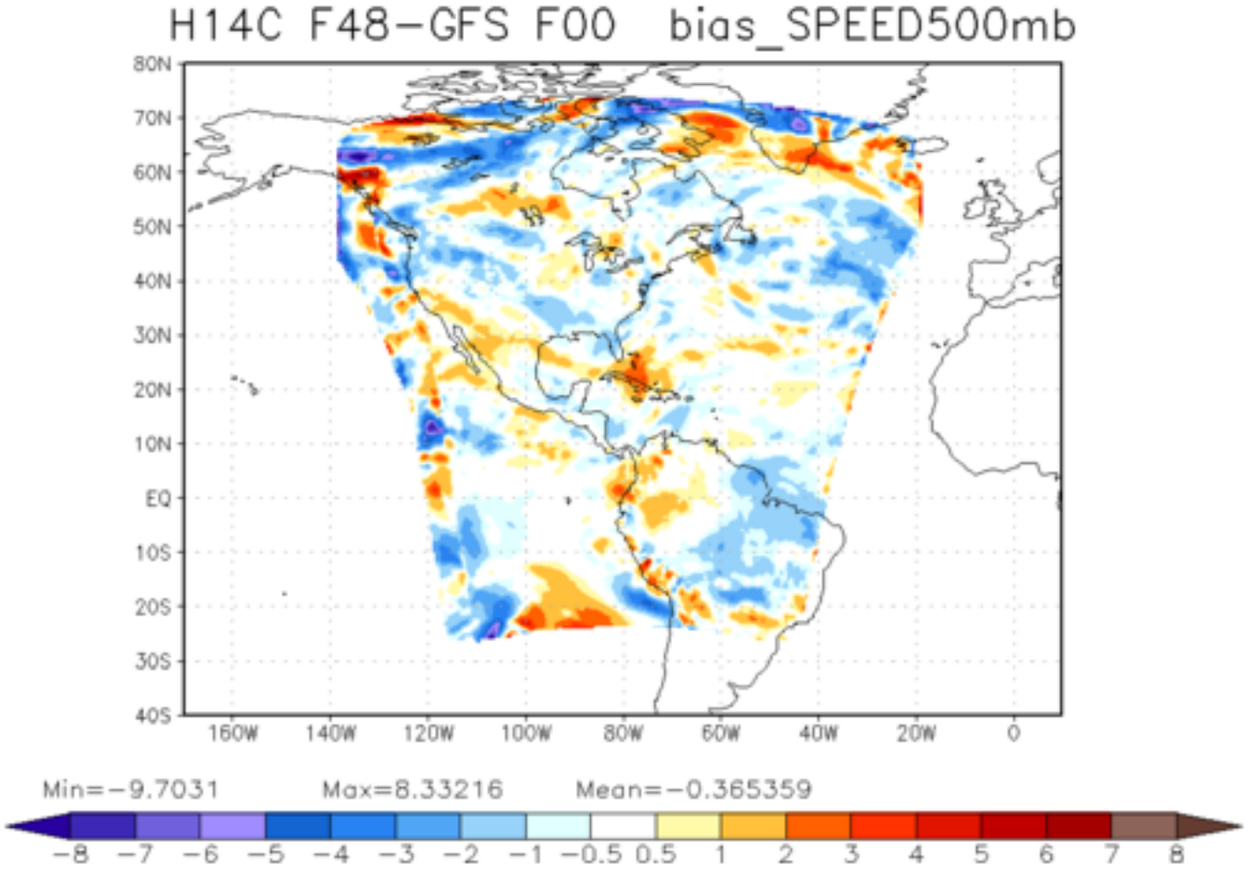

H14C F24−GFS F00 bias_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=−9.18999
Max=6.15848
Mean=−0.152447
−8 −7 −6 −5 −4 −3 −2 −1 −0.5 0.5 1 2 3 4 5 6 7 8

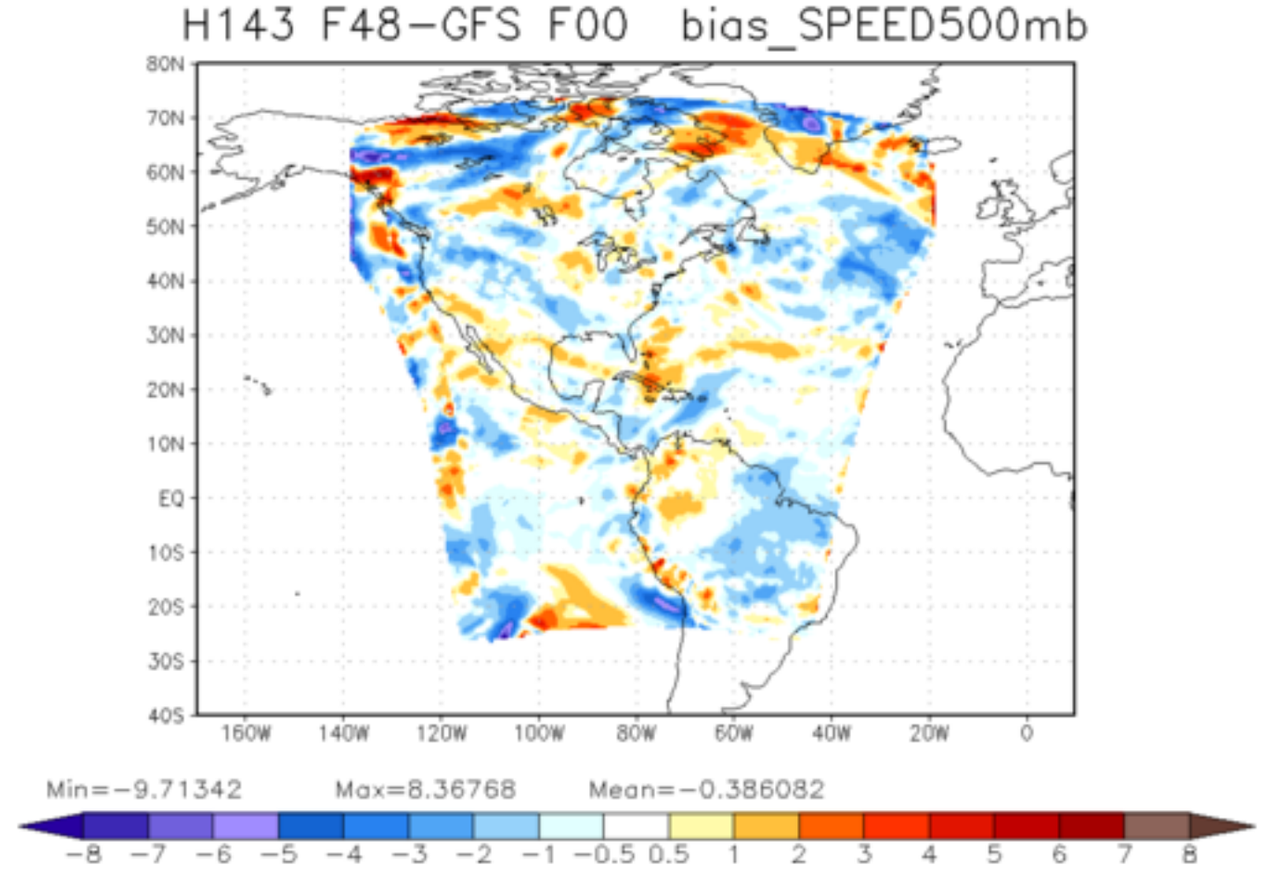

H143 F24−GFS F00 bias_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=−12.1326
Max=5.56921
Mean=−0.196547
−8 −7 −6 −5 −4 −3 −2 −1 −0.5 0.5 1 2 3 4 5 6 7 8

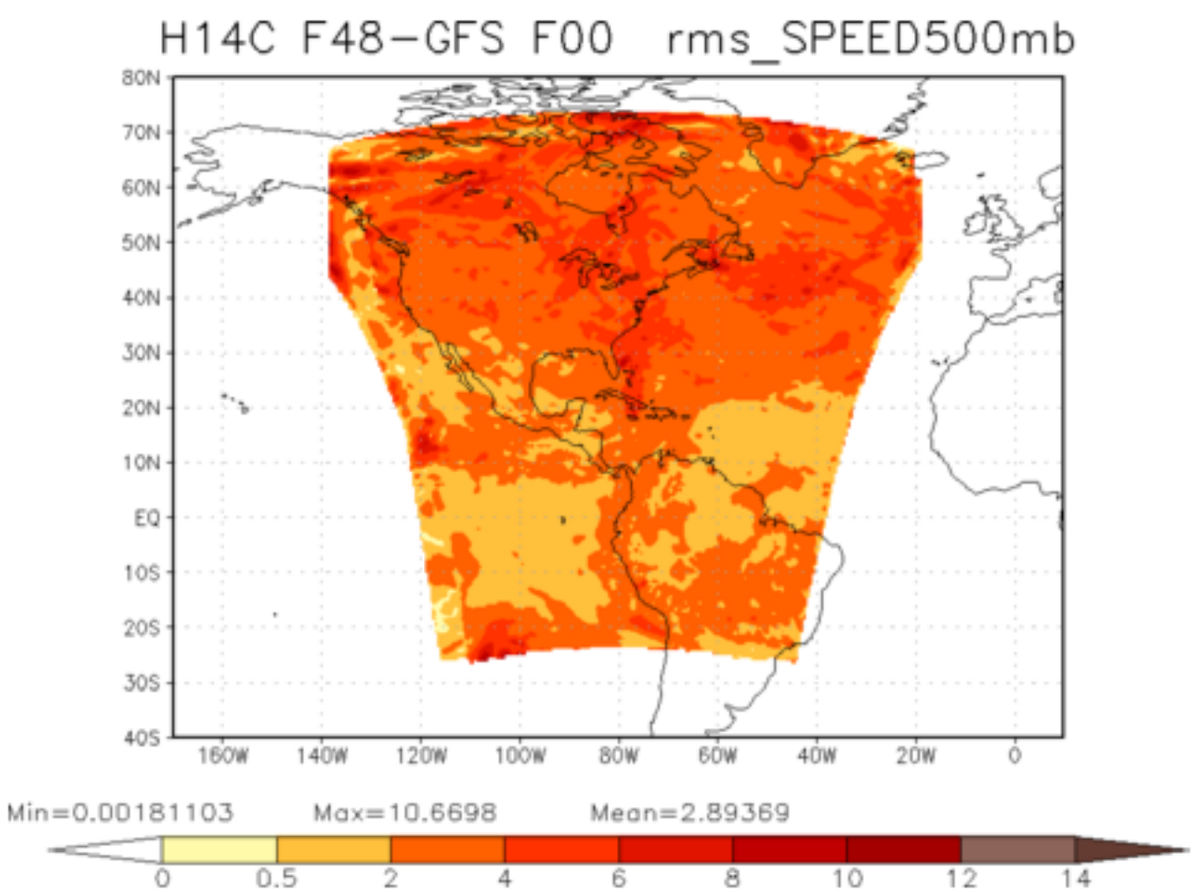

H14C F24−GFS F00 rms_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=0.000959396
Max=9.37654
Mean=2.16802
0 0.5 2 4 6 8 10 12 14

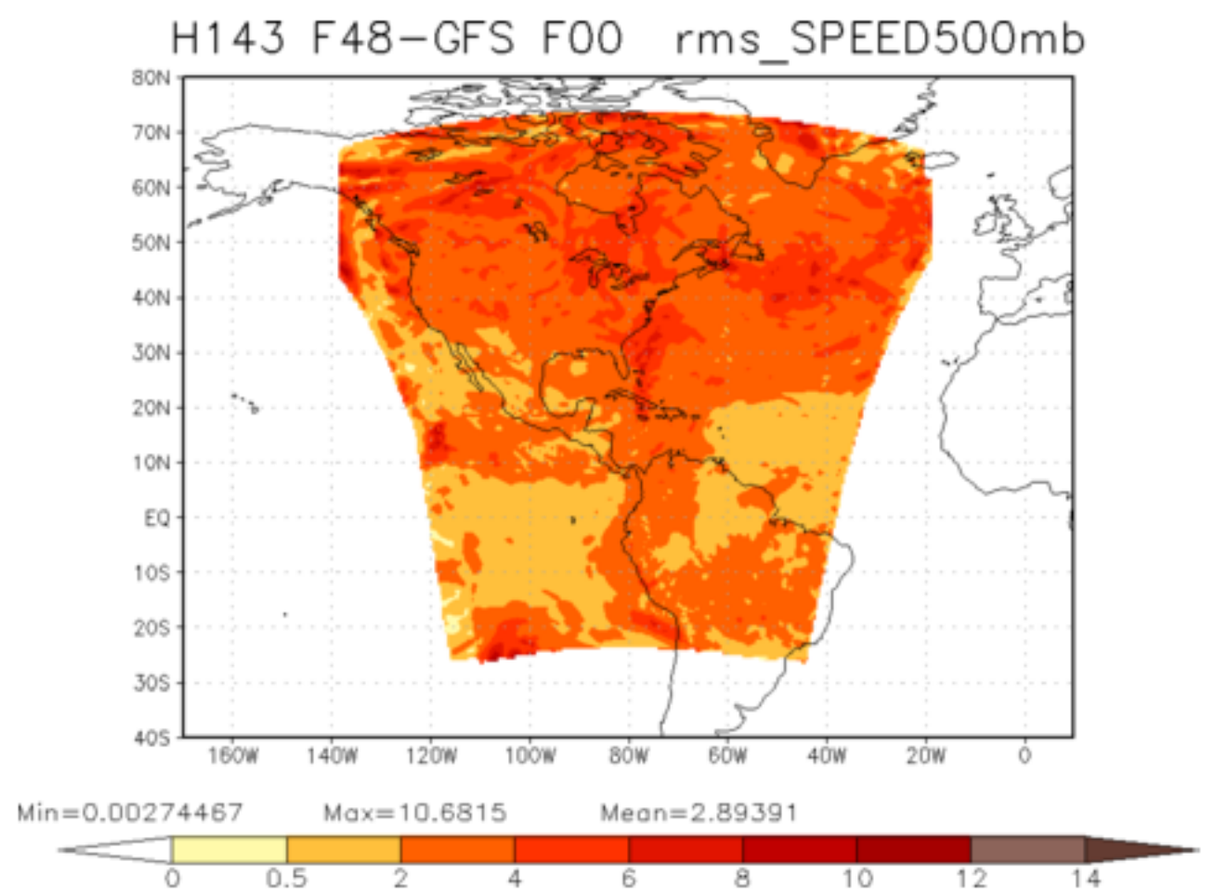

H143 F24−GFS F00 rms_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=5.72205e−06
Max=12.1326
Mean=2.1348
0 0.5 2 4 6 8 10 12 14

SPEED+F048

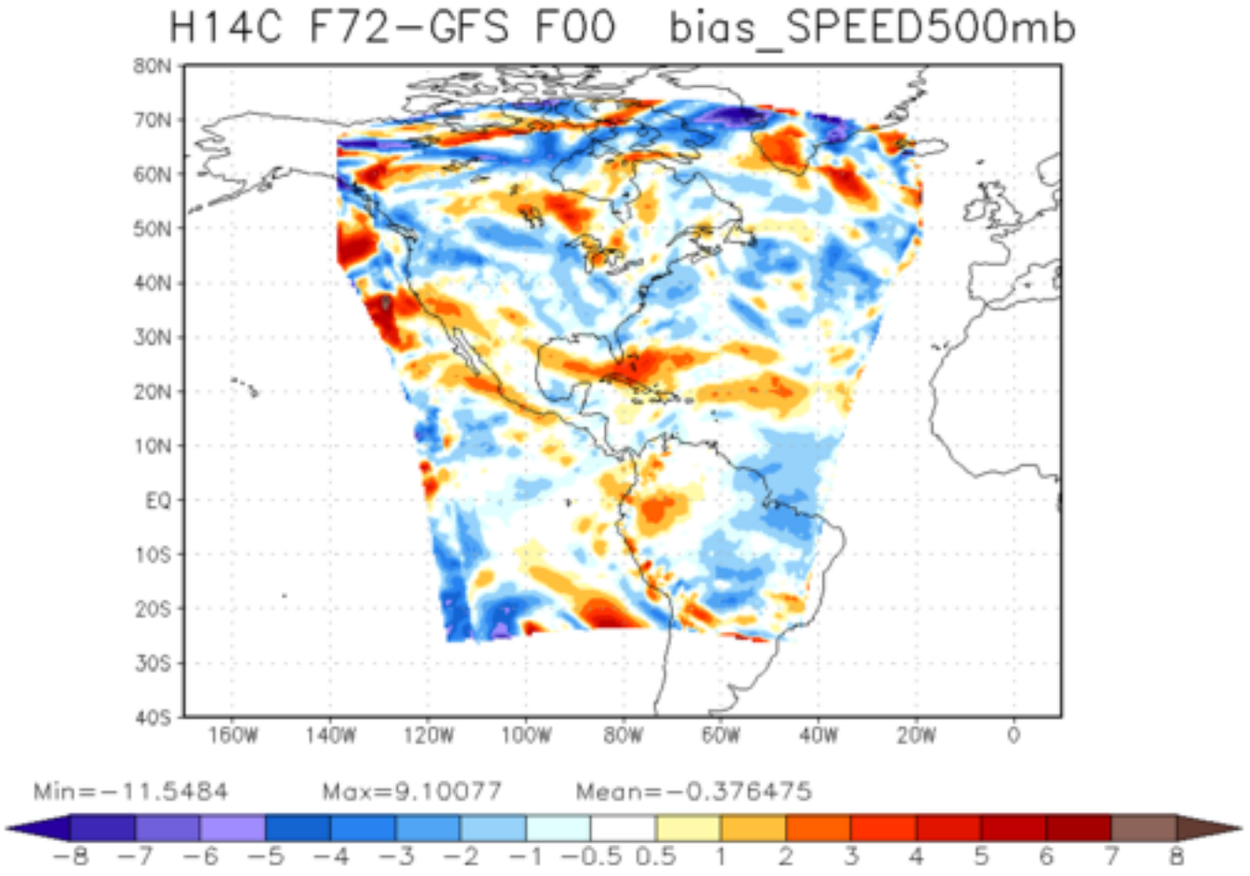

H14C F48−GFS F00 bias_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−9.7031 Max=8.33216 Mean=−0.365359
−8 −7 −6 −5 −4 −3 −2 −1 −0.5 0.5 1 2 3 4 5 6 7 8

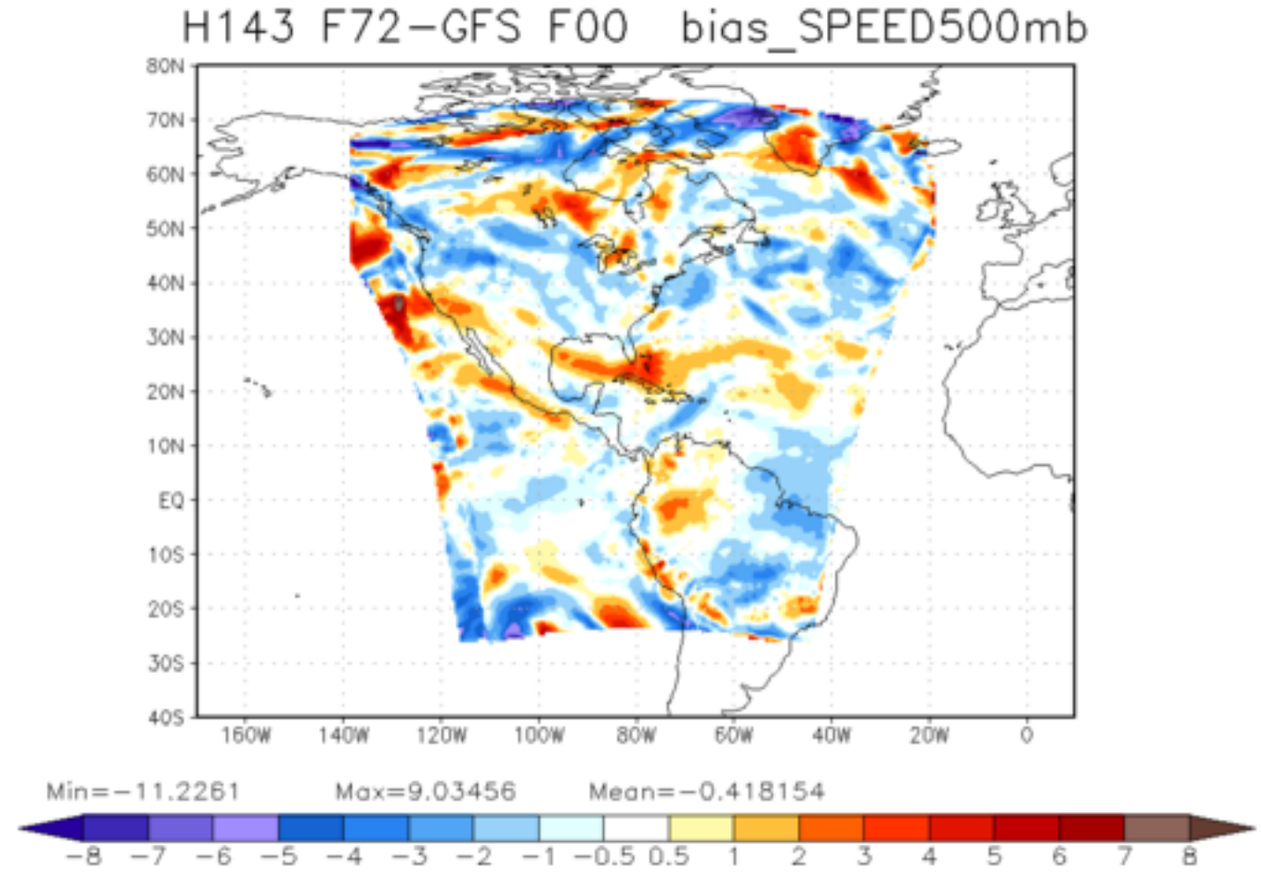

H143 F48−GFS F00 bias_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−9.71342 Max=8.36768 Mean=−0.386082
−8 −7 −6 −5 −4 −3 −2 −1 −0.5 0.5 1 2 3 4 5 6 7 8

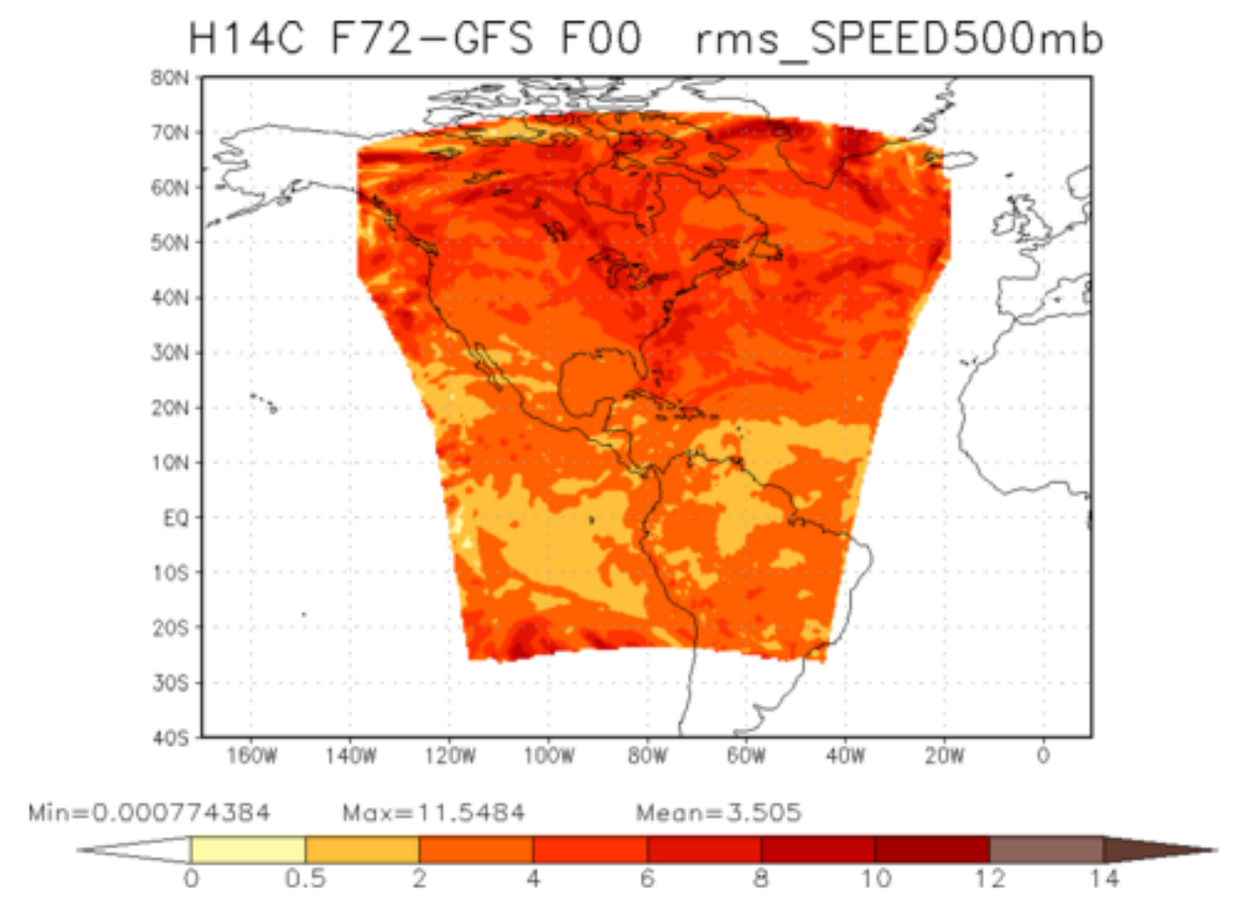

H14C F48−GFS F00 rms_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0.00181103 Max=10.6698 Mean=2.89369
0 0.5 2 4 6 8 10 12 14

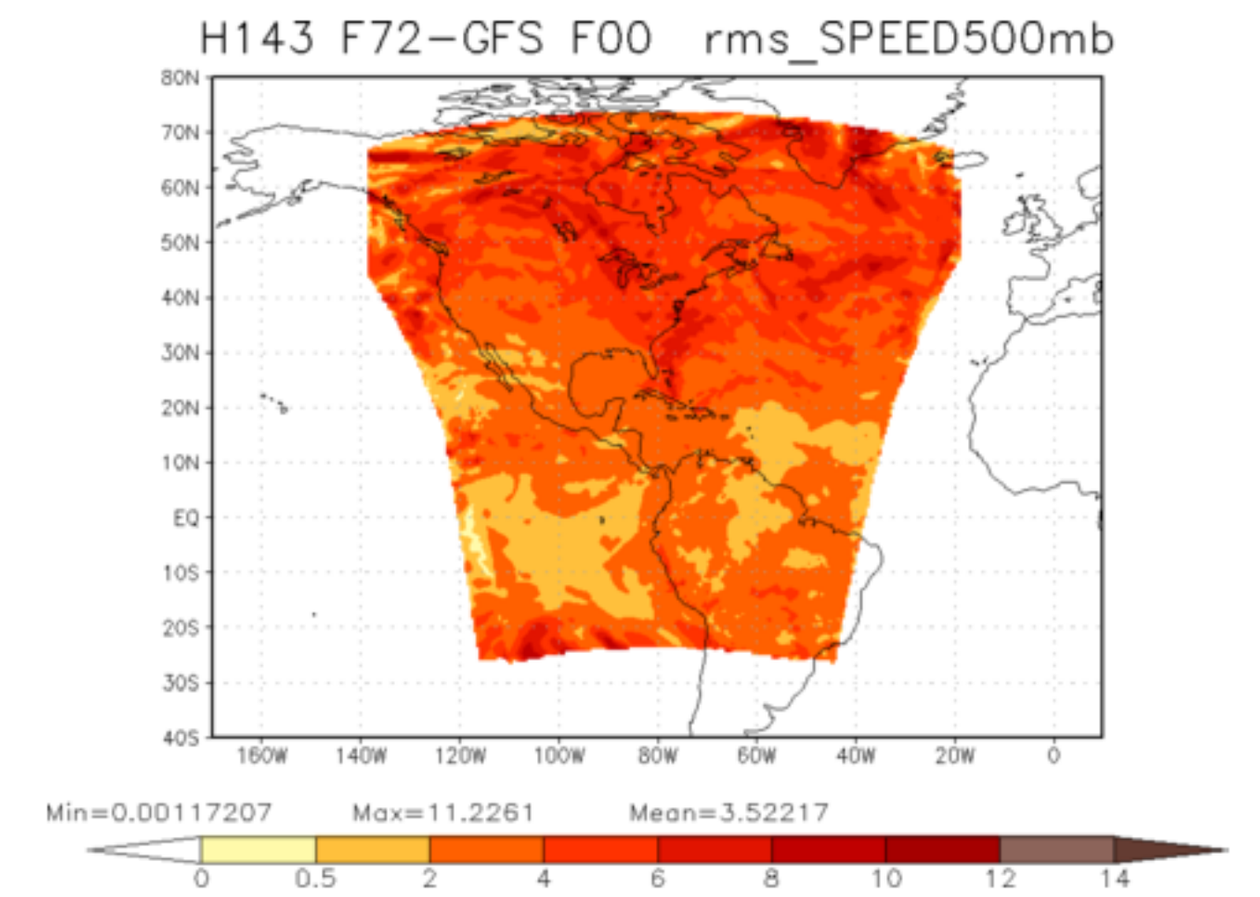

H143 F48−GFS F00 rms_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0.00274467 Max=10.6815 Mean=2.89391
0 0.5 2 4 6 8 10 12 14

SPEED+F072

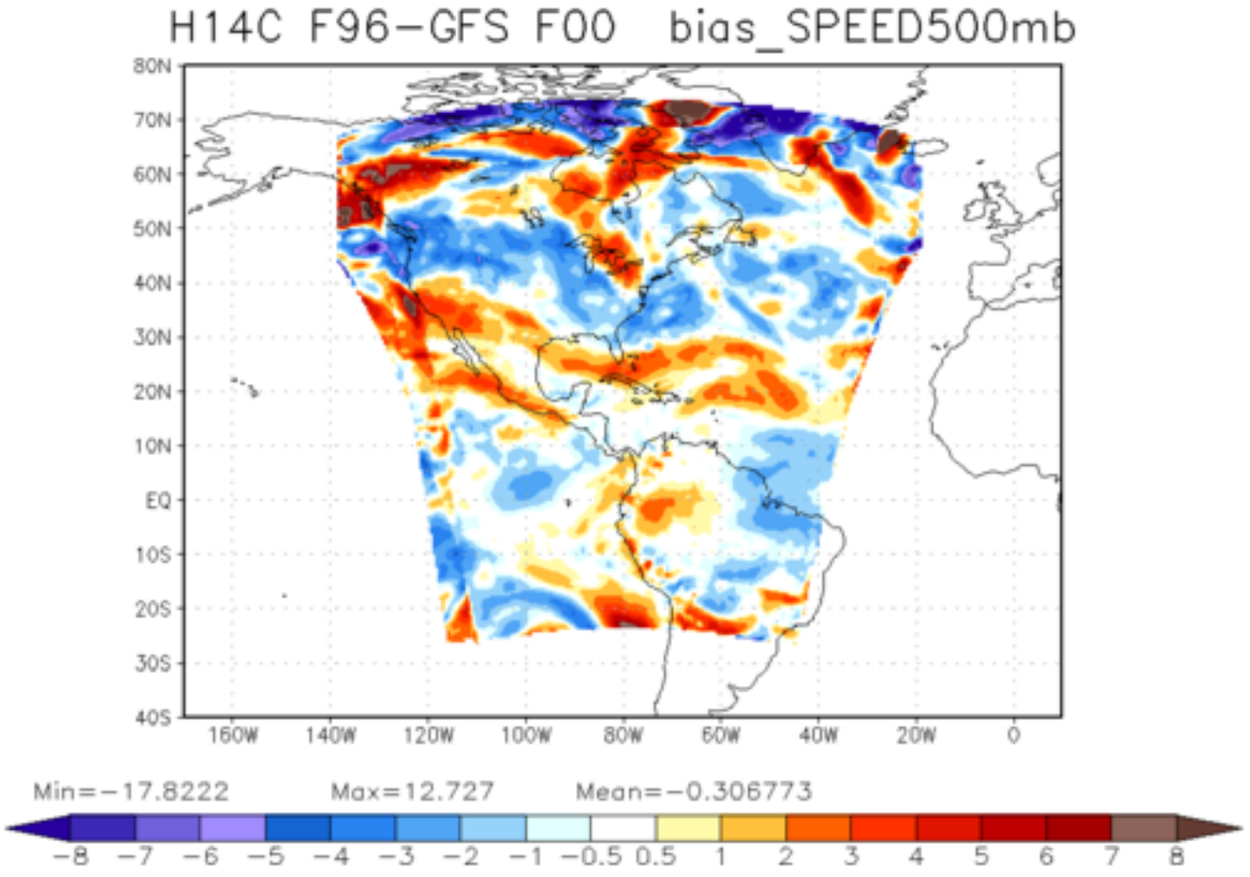

H14C F72−GFS F00 bias_SPEED500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−11.5484 Max=9.10077 Mean=−0.376475
−8 −7 −6 −5 −4 −3 −2 −1 −0.5 0.5 1 2 3 4 5 6 7 8

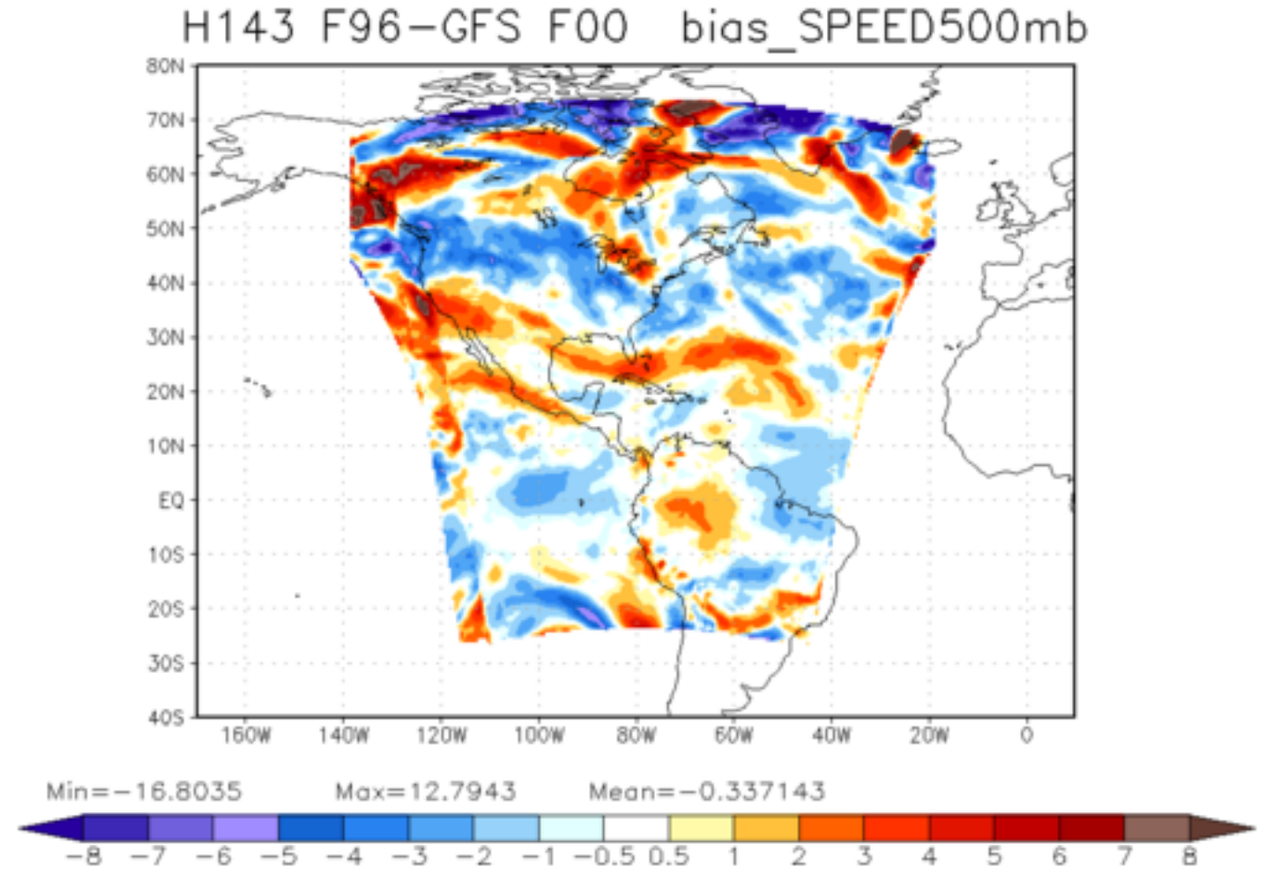

H143 F72−GFS F00 bias_SPEED500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−11.2261 Max=9.03456 Mean=−0.418154
−8 −7 −6 −5 −4 −3 −2 −1 −0.5 0.5 1 2 3 4 5 6 7 8

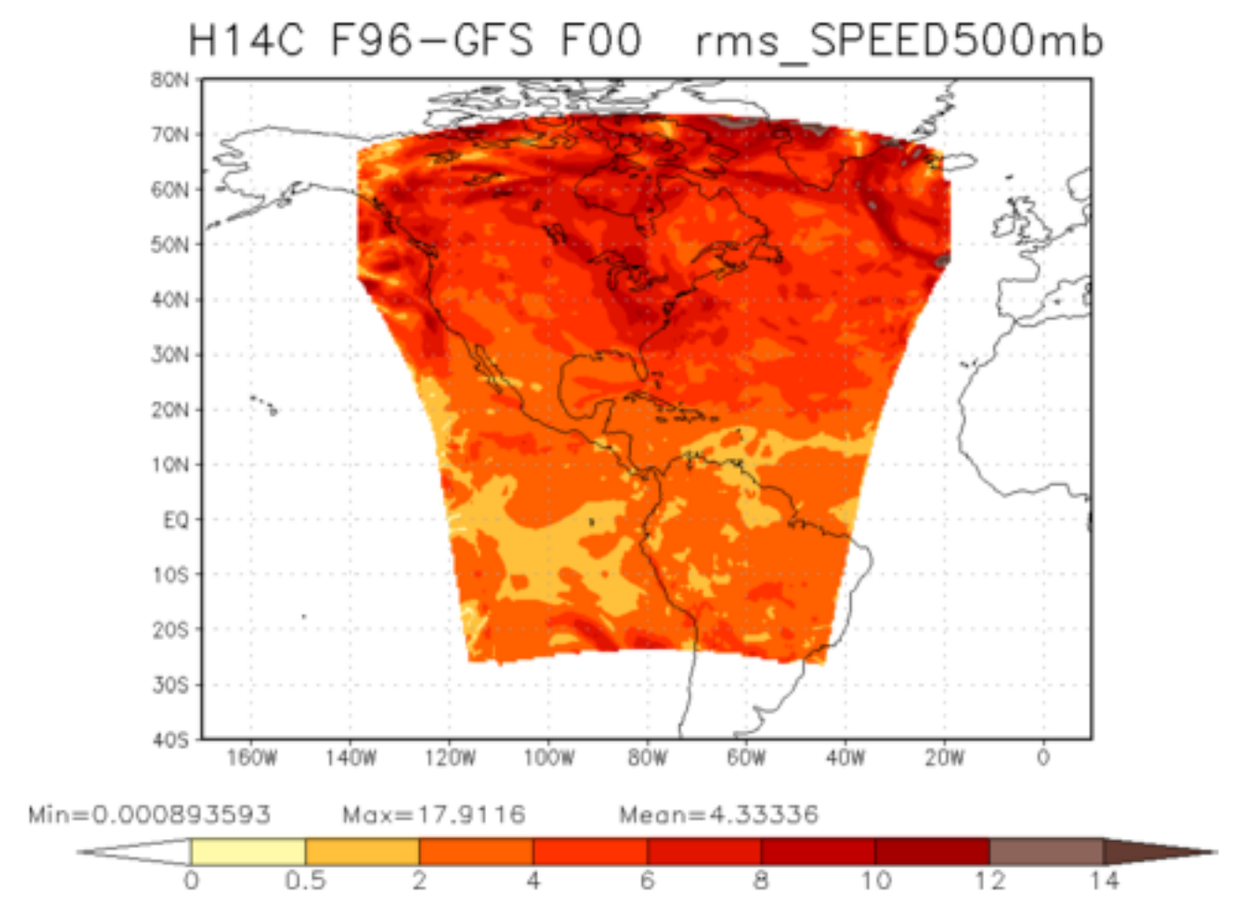

H14C F72−GFS F00 rms_SPEED500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0.000774384 Max=11.5484 Mean=3.505
0 0.5 2 4 6 8 10 12 14


H143 F72−GFS F00 rms_SPEED500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0.00117207 Max=11.2261 Mean=3.52217
0 0.5 2 4 6 8 10 12 14

SPEED+F096


H14C F96−GFS F00 bias_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=−17.8222
Max=12.727
Mean=−0.306773
−8 −7 −6 −5 −4 −3 −2 −1 −0.5 0.5 1 2 3 4 5 6 7 8


H143 F96−GFS F00 bias_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=−16.8035
Max=12.7943
Mean=−0.337143
−8 −7 −6 −5 −4 −3 −2 −1 −0.5 0.5 1 2 3 4 5 6 7 8


H14C F96−GFS F00 rms_SPEED500mb
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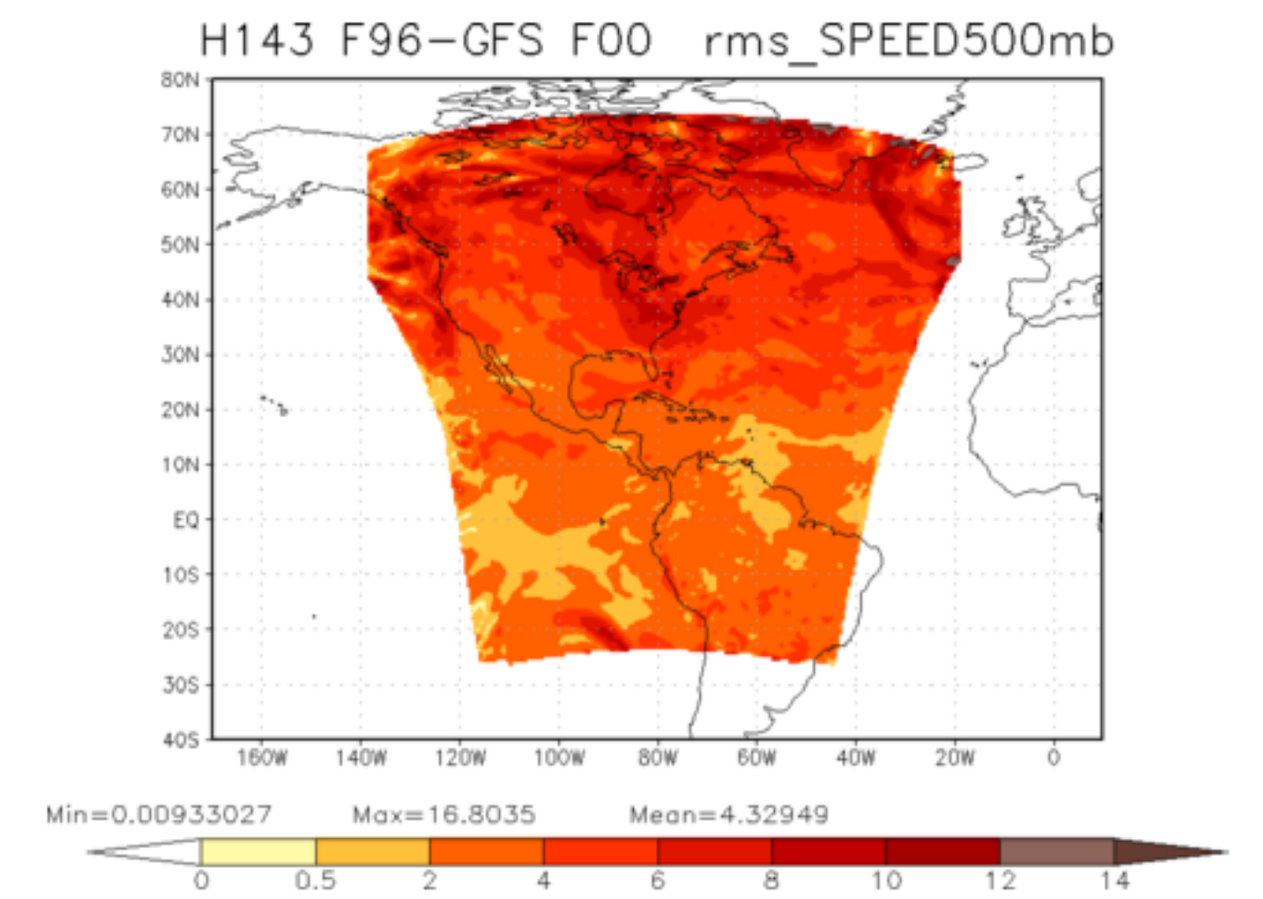
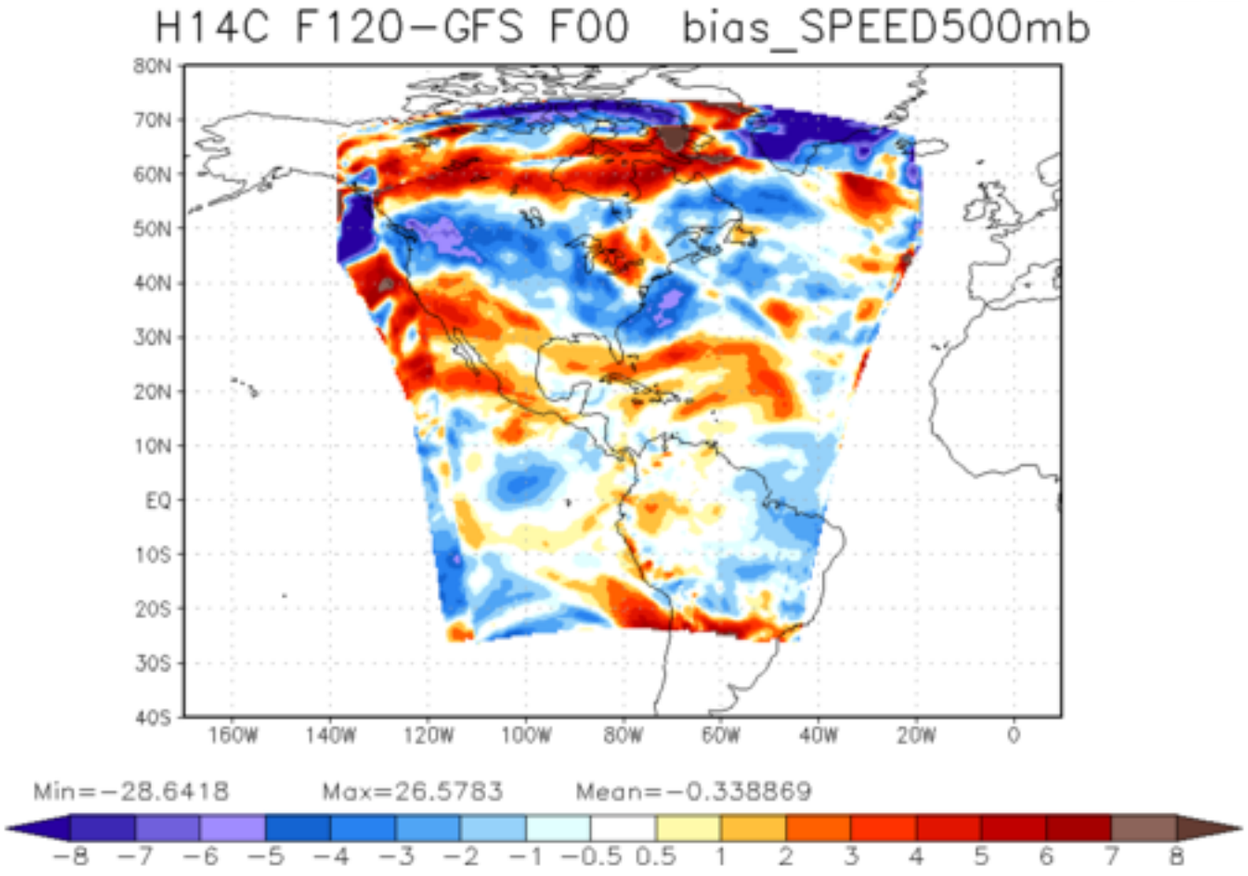
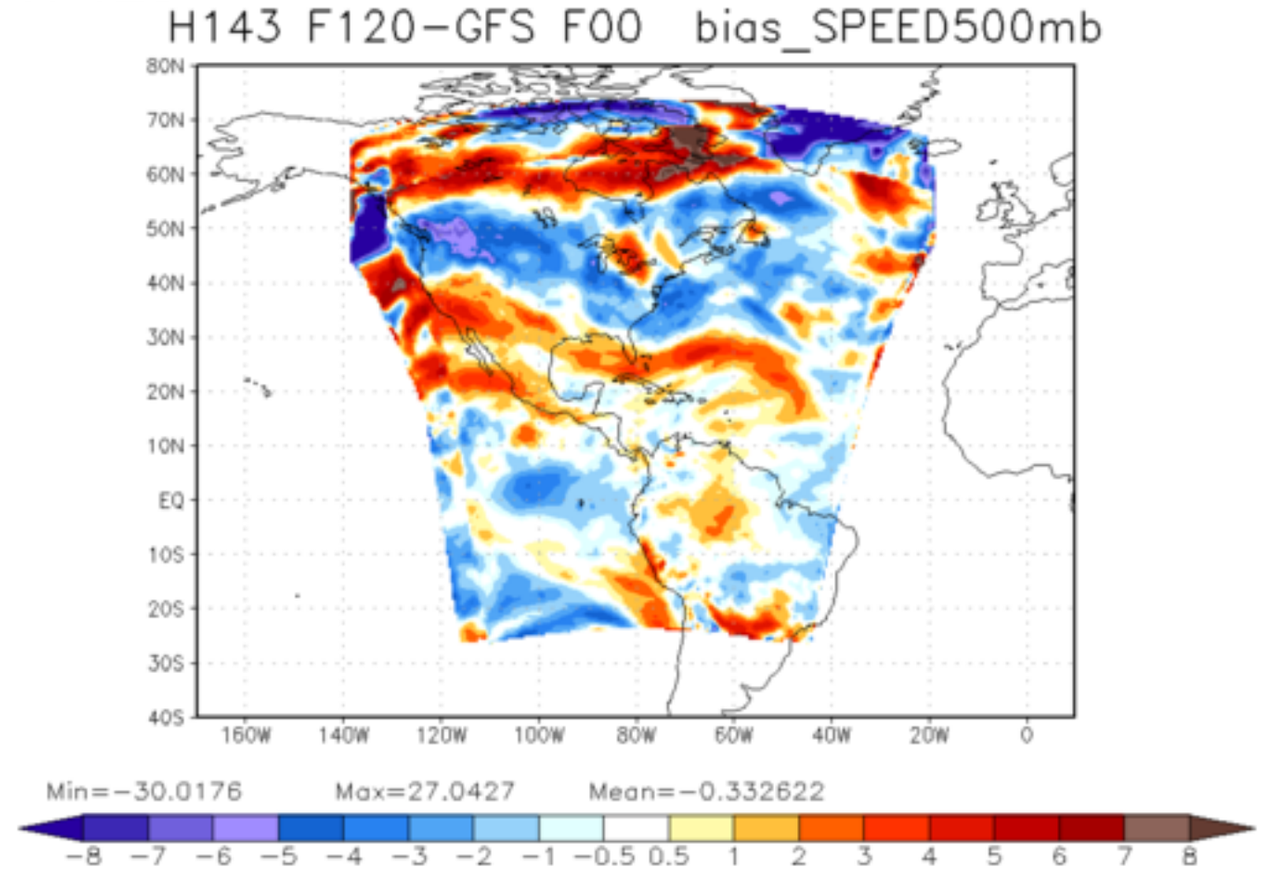
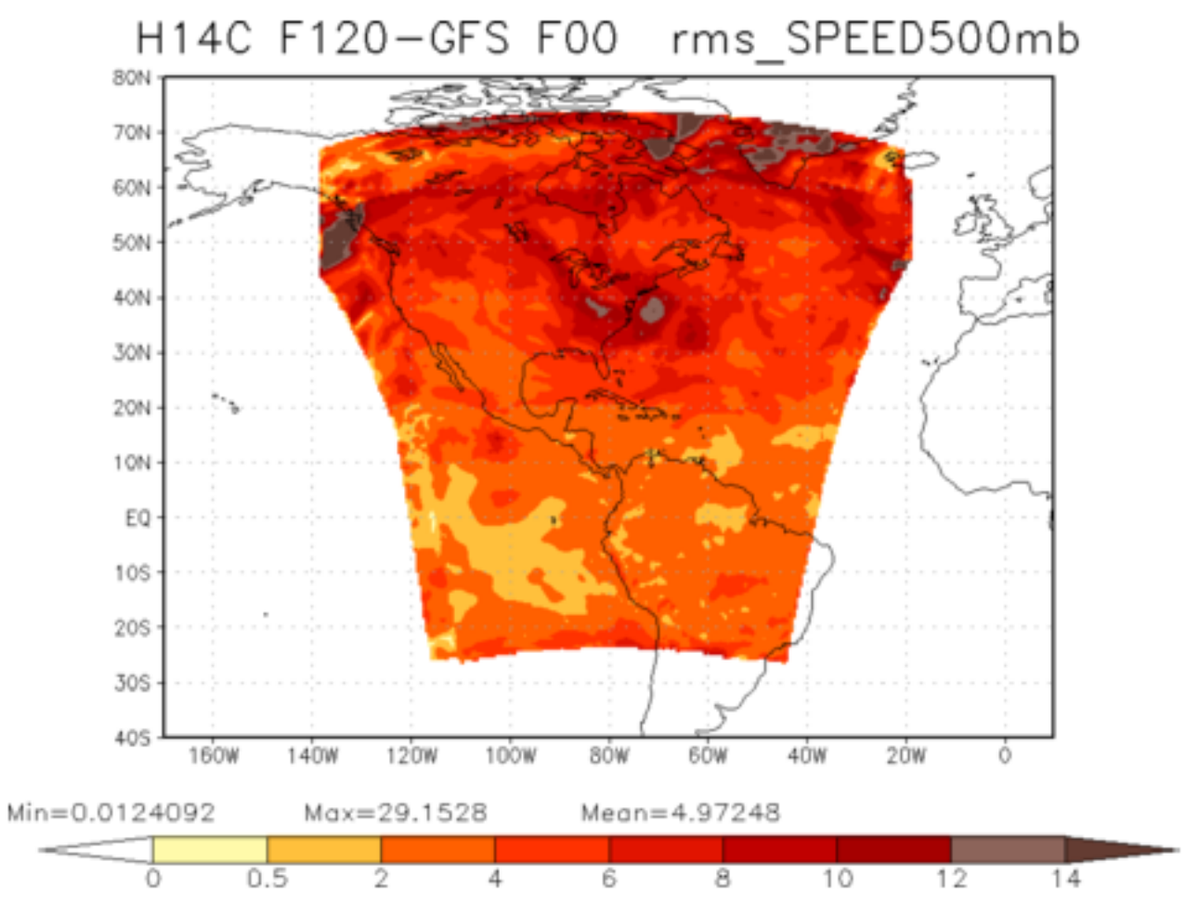
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=0.000893593
Max=17.9116
Mean=4.33336
0 0.5 2 4 6 8 10 12 14


H143 F96−GFS F00 rms_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=0.00933027
Max=16.8035
Mean=4.32949
0 0.5 2 4 6 8 10 12 14

SPEED+F120


H14C F120−GFS F00 bias_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=−28.6418
Max=26.5783
Mean=−0.338869
−8 −7 −6 −5 −4 −3 −2 −1 −0.5 0.5 1 2 3 4 5 6 7 8


H143 F120−GFS F00 bias_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=−30.0176
Max=27.0427
Mean=−0.332622
−8 −7 −6 −5 −4 −3 −2 −1 −0.5 0.5 1 2 3 4 5 6 7 8


H14C F120−GFS F00 rms_SPEED500mb
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70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
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40W
20W
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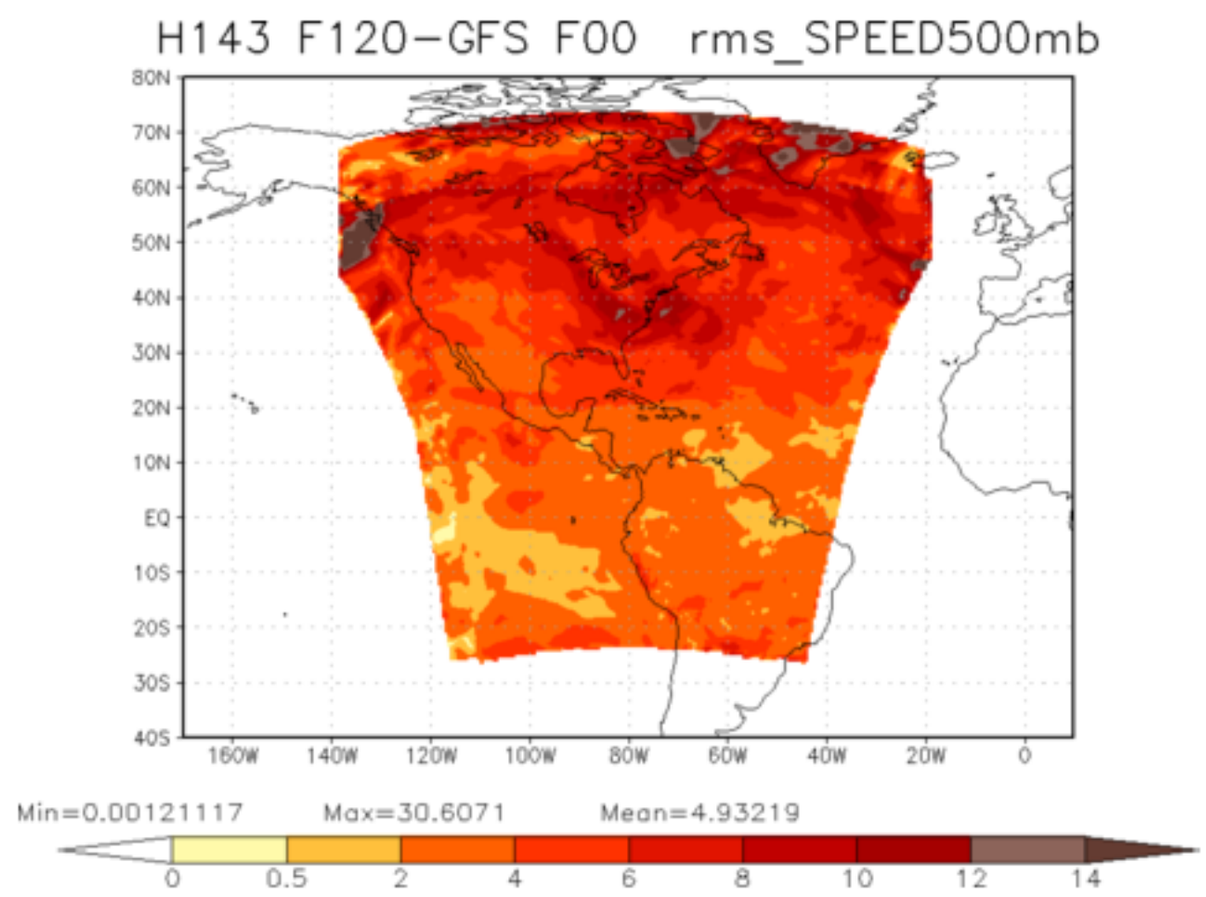
Min=0.0124092
Max=29.1528
Mean=4.97248
0 0.5 2 4 6 8 10 12 14


H143 F120−GFS F00 rms_SPEED500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=0.00121117
Max=30.6071
Mean=4.93219
0 0.5 2 4 6 8 10 12 14