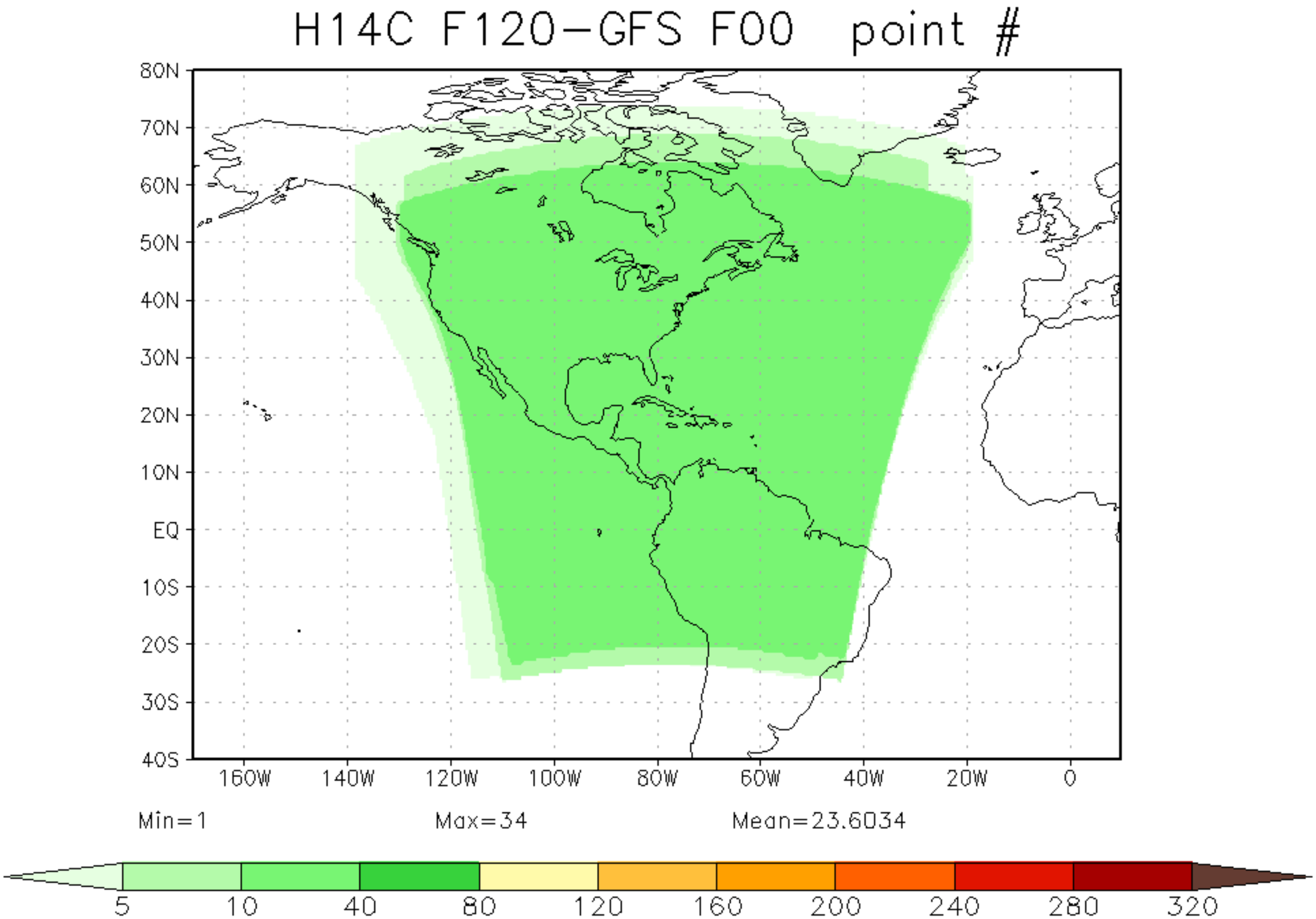
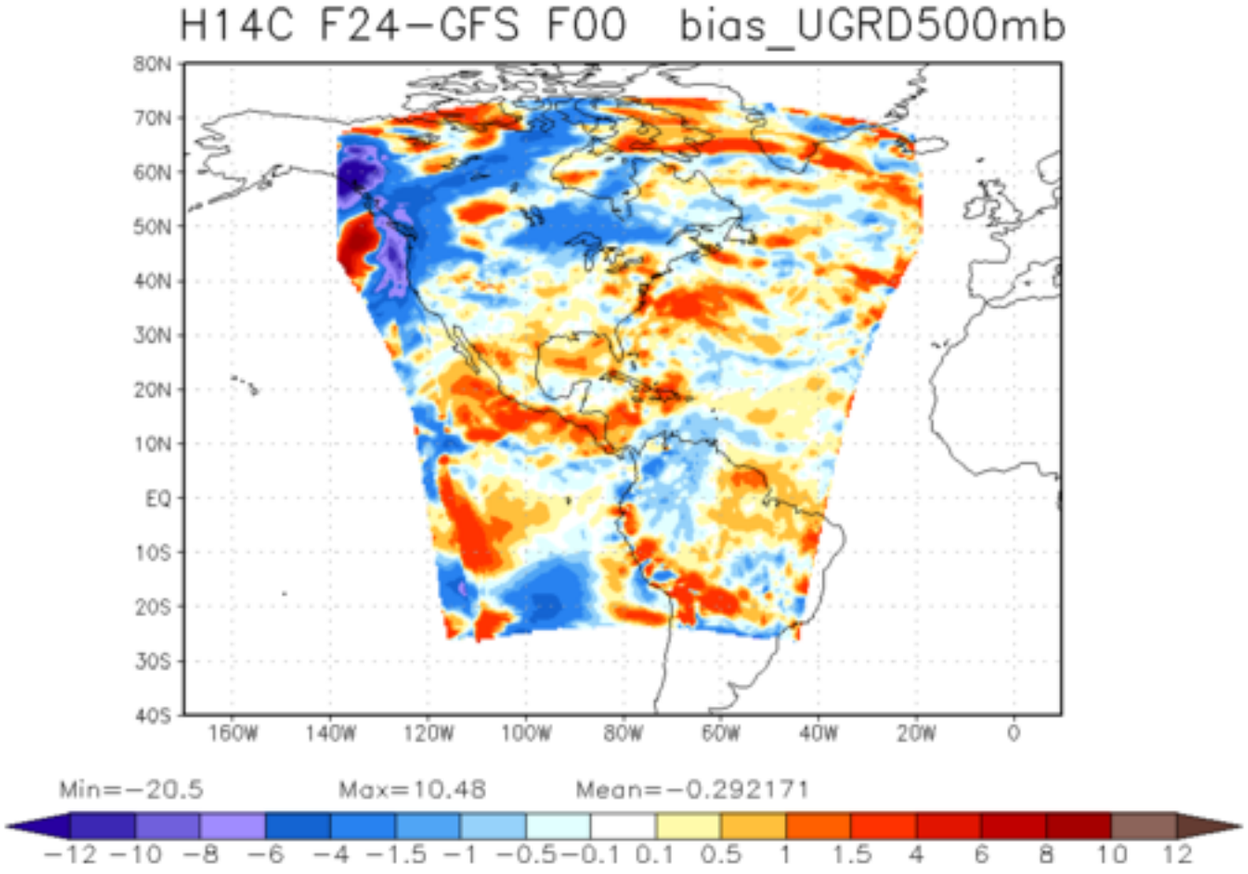
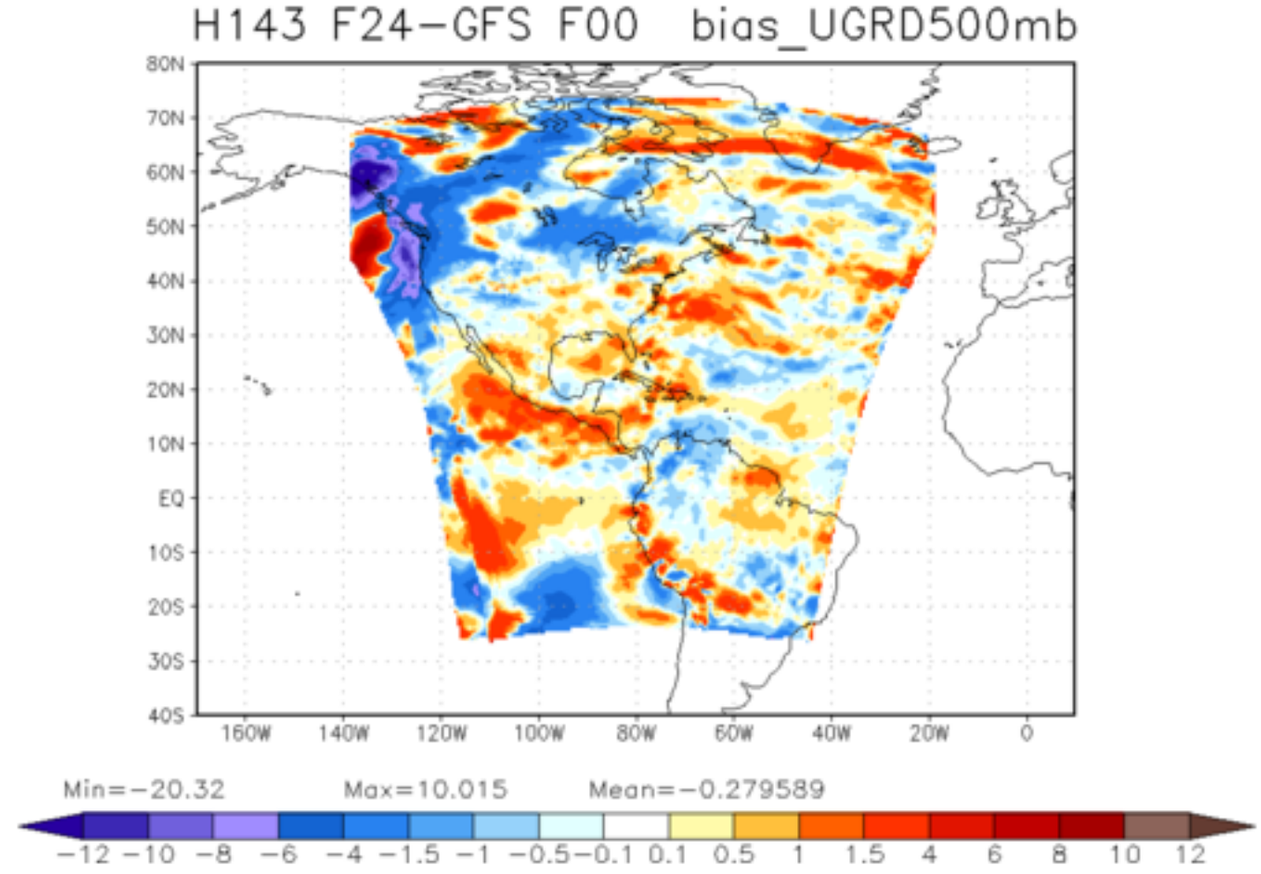
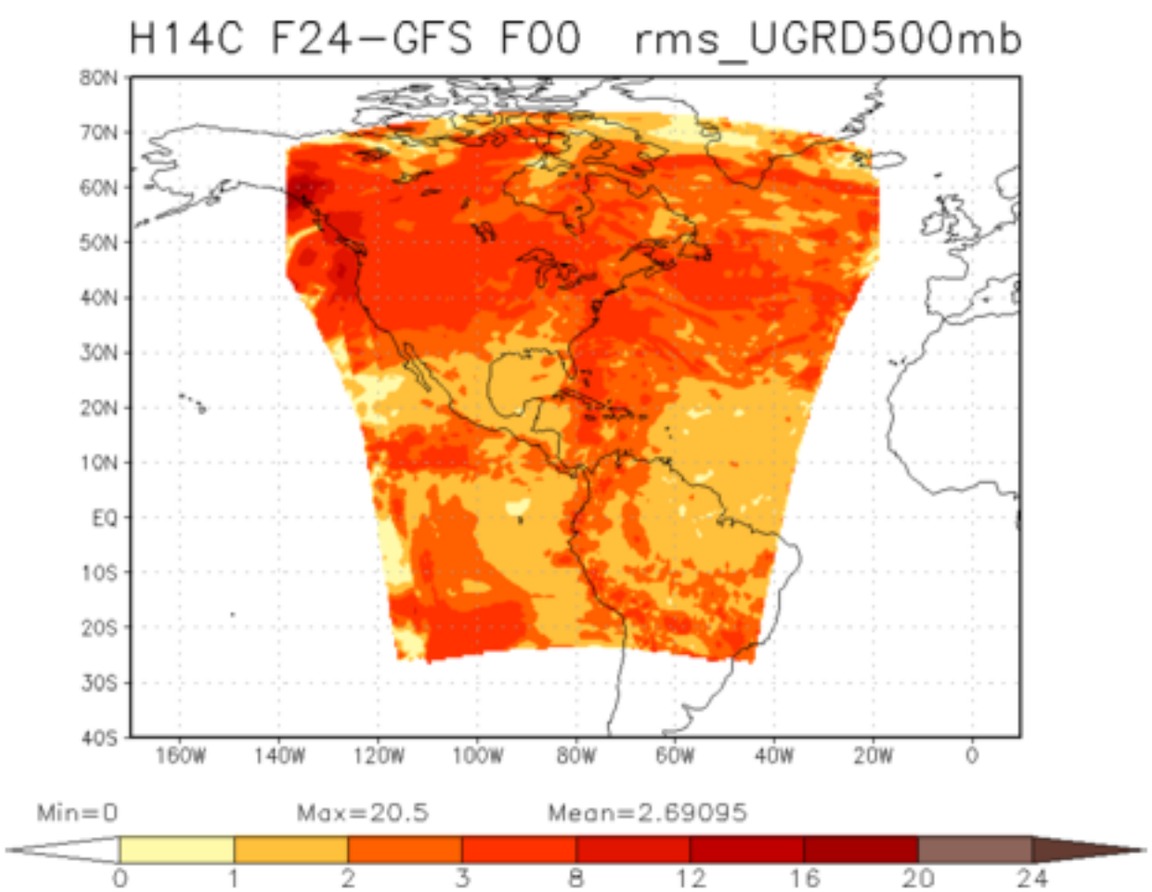
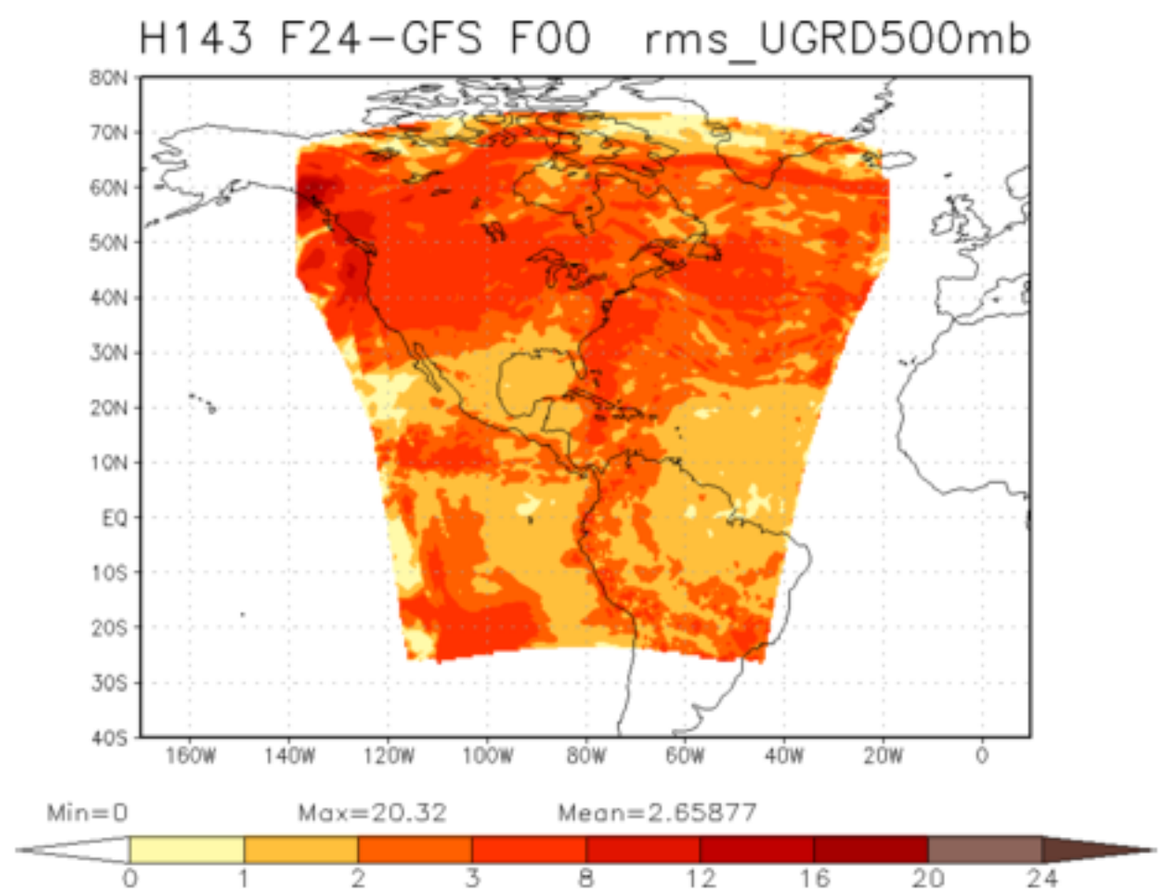

H14C F120-GFS F00 point #
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W
140W
120W
100W
80W
60W
40W
20W
0
Min=1
Max=34
Mean=23.6034
5
10
40
80
120
160
200
240
280
320

UGRD+F024

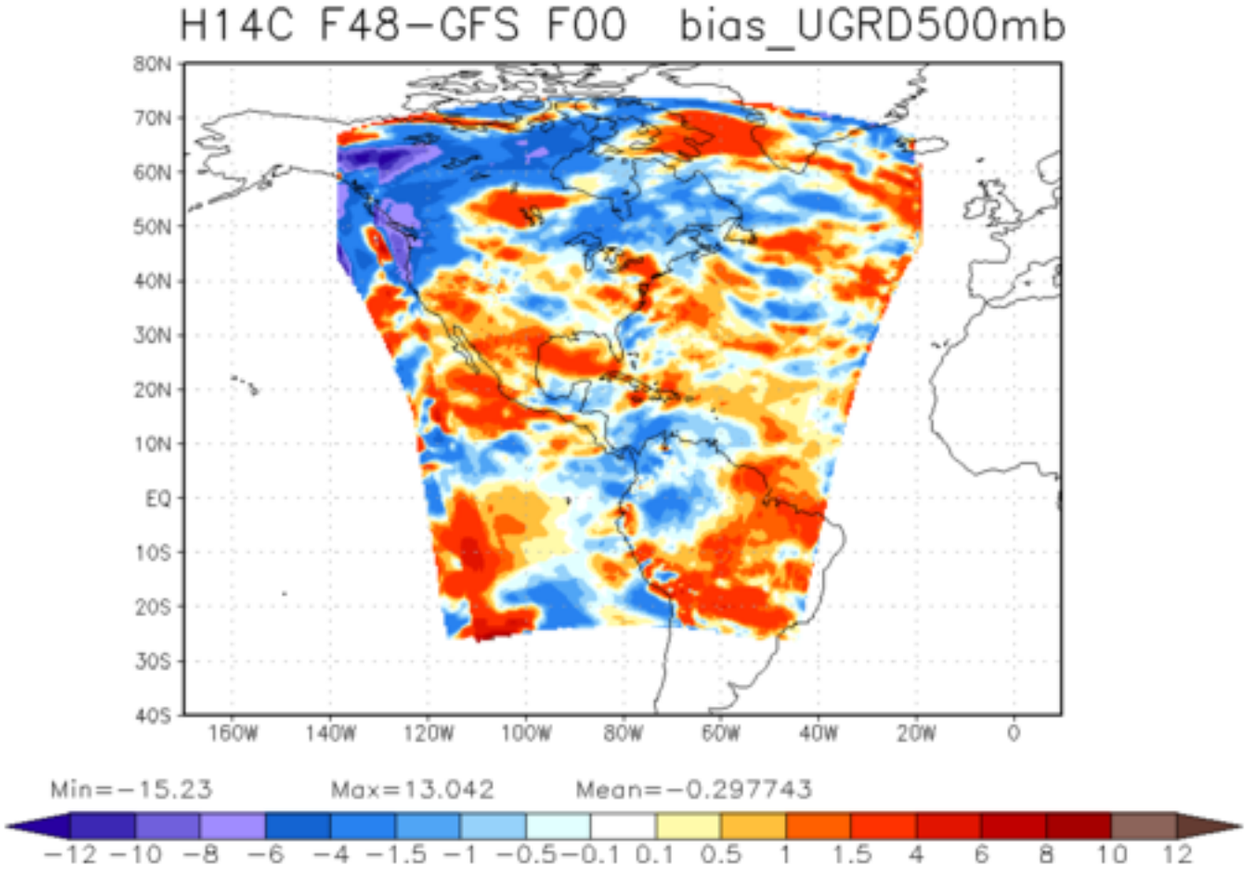

H14C F24−GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−20.5 Max=10.48 Mean=−0.292171
−12 −10 −8 −6 −4 −1.5 −1 −0.5 −0.1 0.1 0.5 1 1.5 4 6 8 10 12

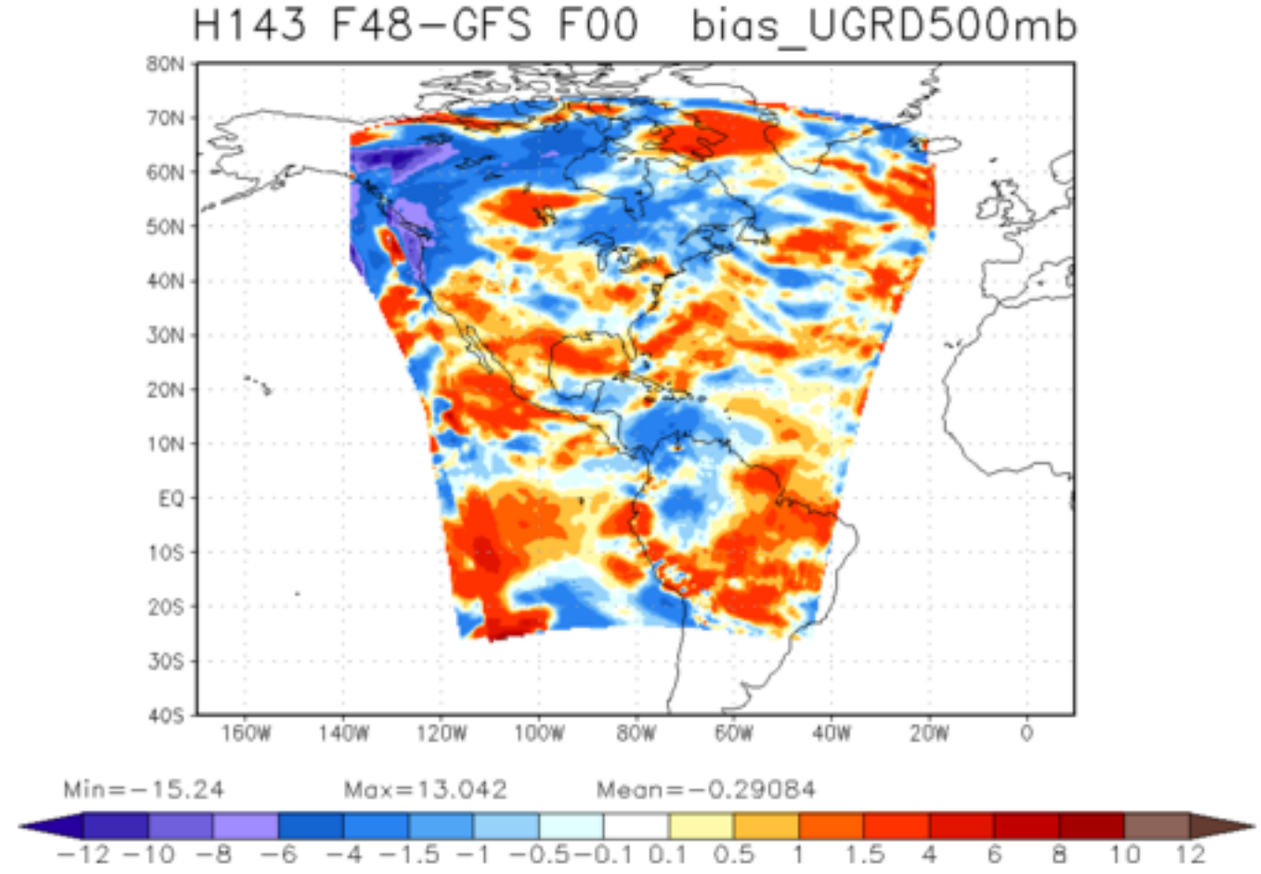

H143 F24−GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−20.32 Max=10.015 Mean=−0.279589
−12 −10 −8 −6 −4 −1.5 −1 −0.5 −0.1 0.1 0.5 1 1.5 4 6 8 10 12

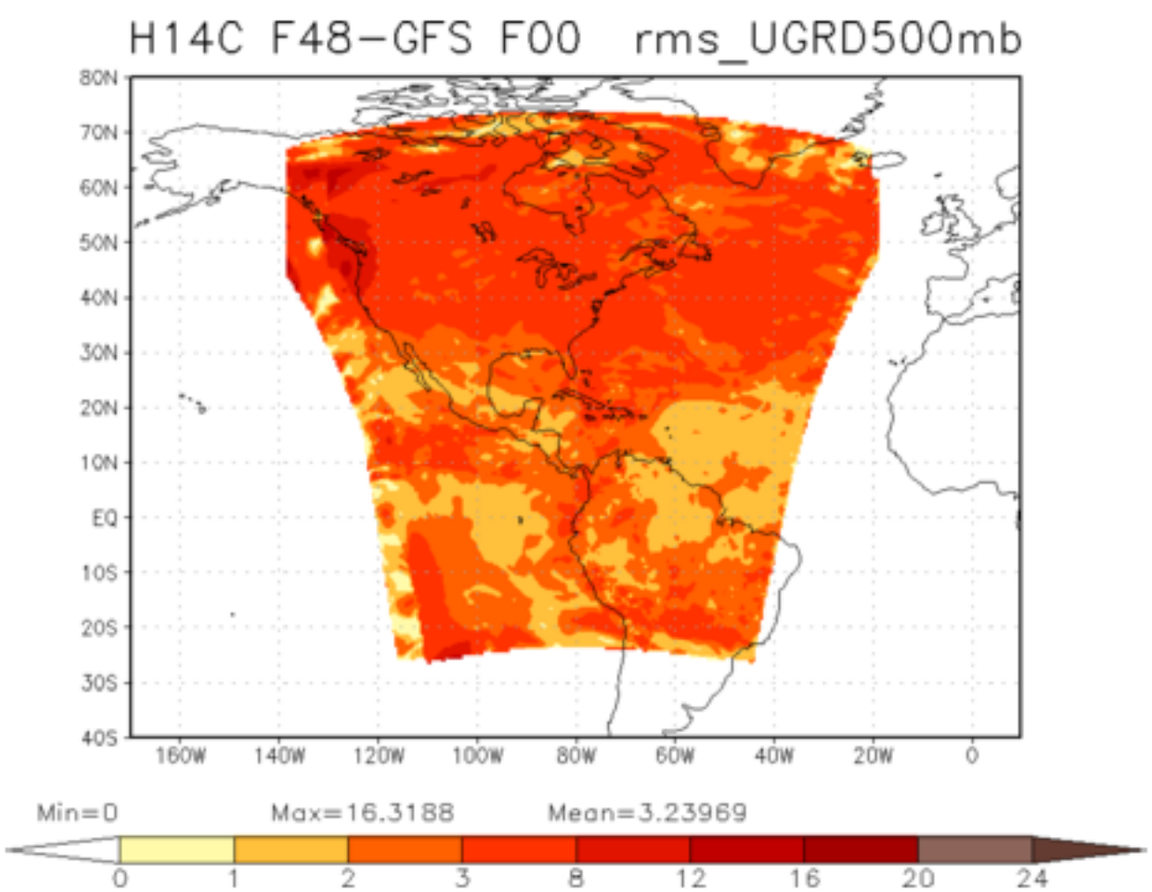

H14C F24−GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0 Max=20.5 Mean=2.69095
0 1 2 3 8 12 16 20 24

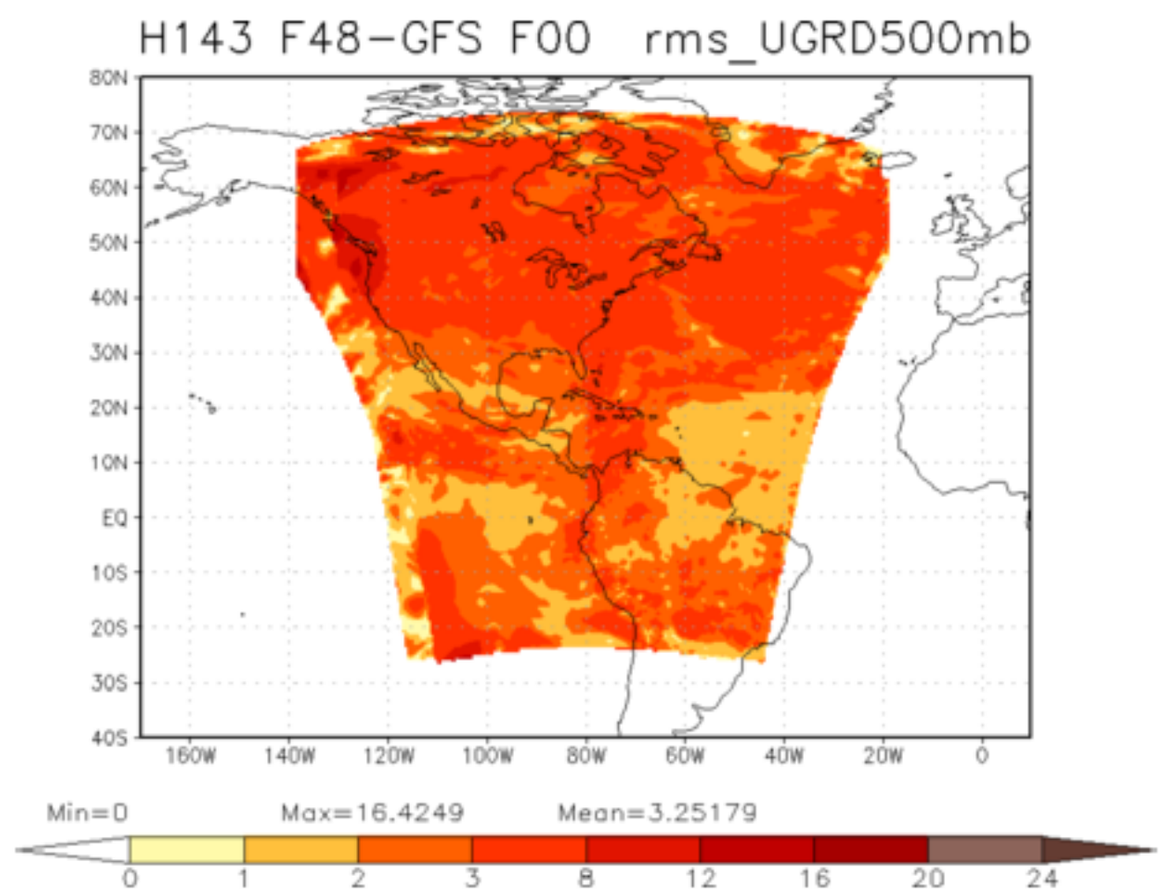

H143 F24−GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0 Max=20.32 Mean=2.65877
0 1 2 3 8 12 16 20 24

UGRD+F048

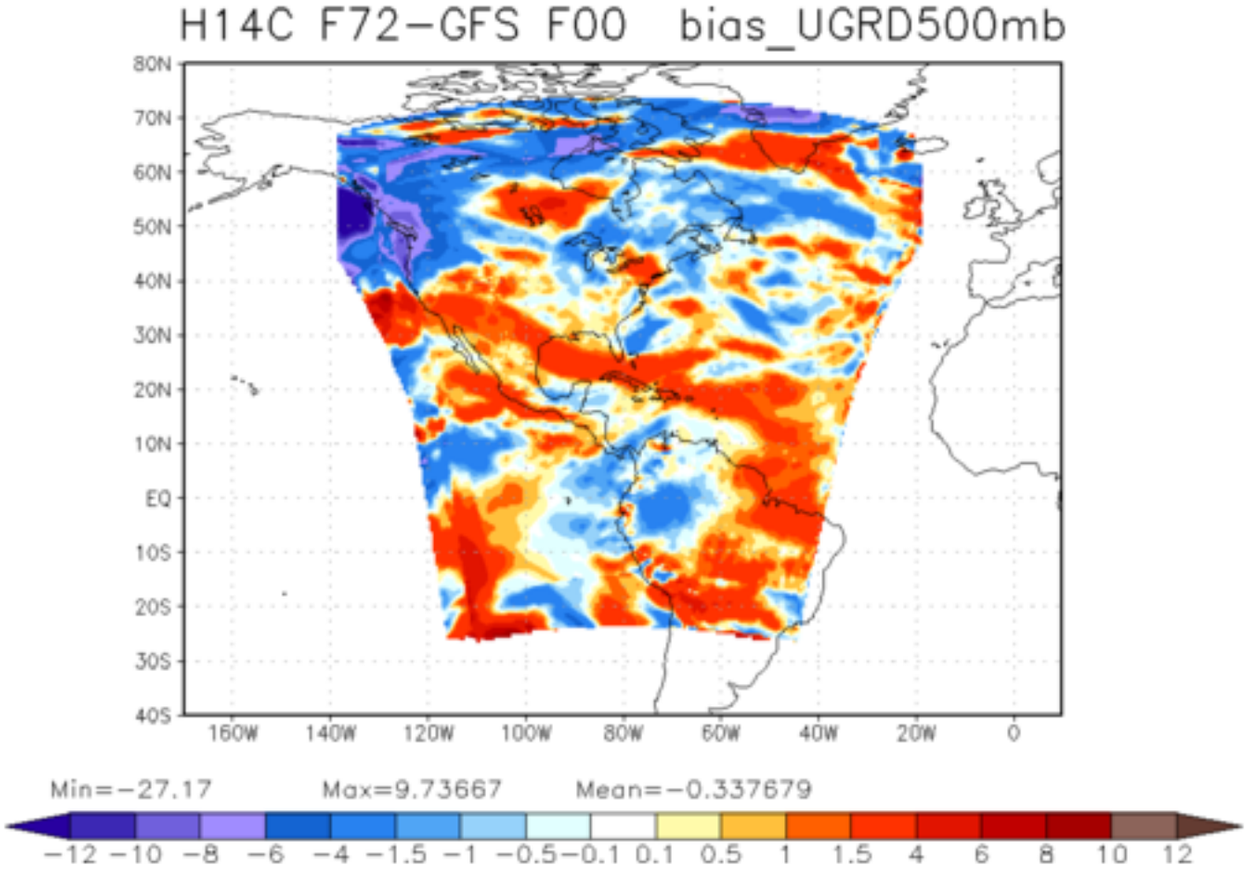

H14C F48−GFS F00 bias_UGRD500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−15.23 Max=13.042 Mean=−0.297743
−12 −10 −8 −6 −4 −1.5 −1 −0.5 −0.1 0.1 0.5 1 1.5 4 6 8 10 12

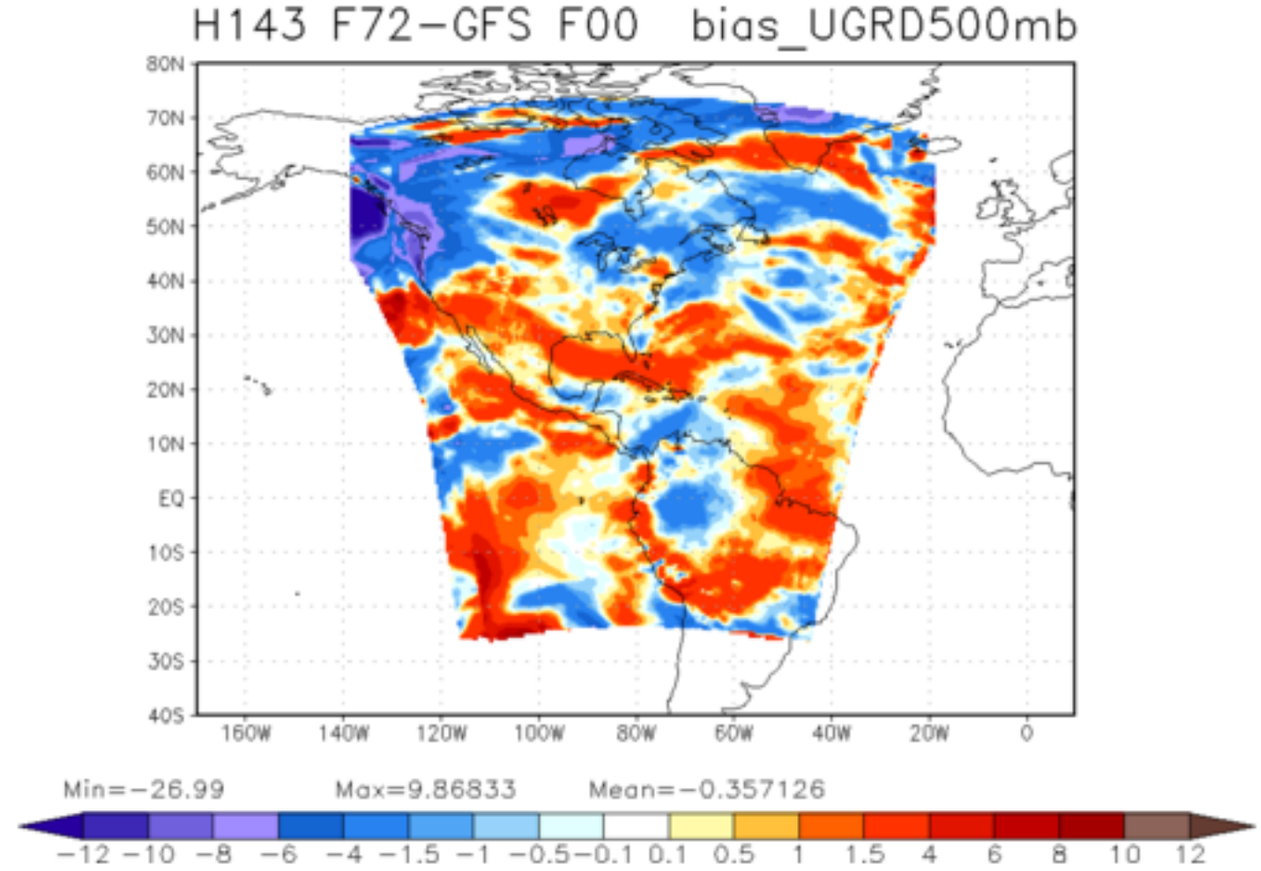

H143 F48−GFS F00 bias_UGRD500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−15.24 Max=13.042 Mean=−0.29084
−12 −10 −8 −6 −4 −1.5 −1 −0.5 −0.1 0.1 0.5 1 1.5 4 6 8 10 12

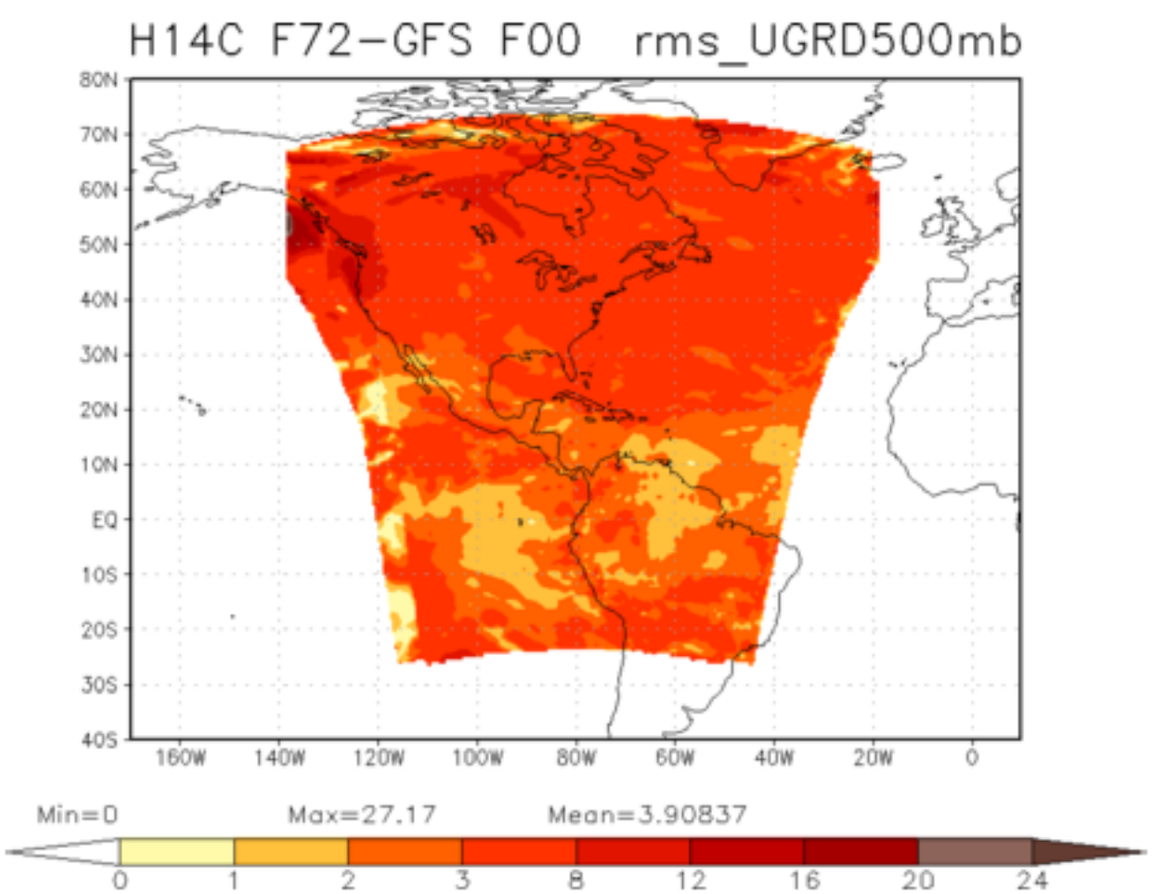

H14C F48−GFS F00 rms_UGRD500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0 Max=16.3188 Mean=3.23969
0 1 2 3 8 12 16 20 24

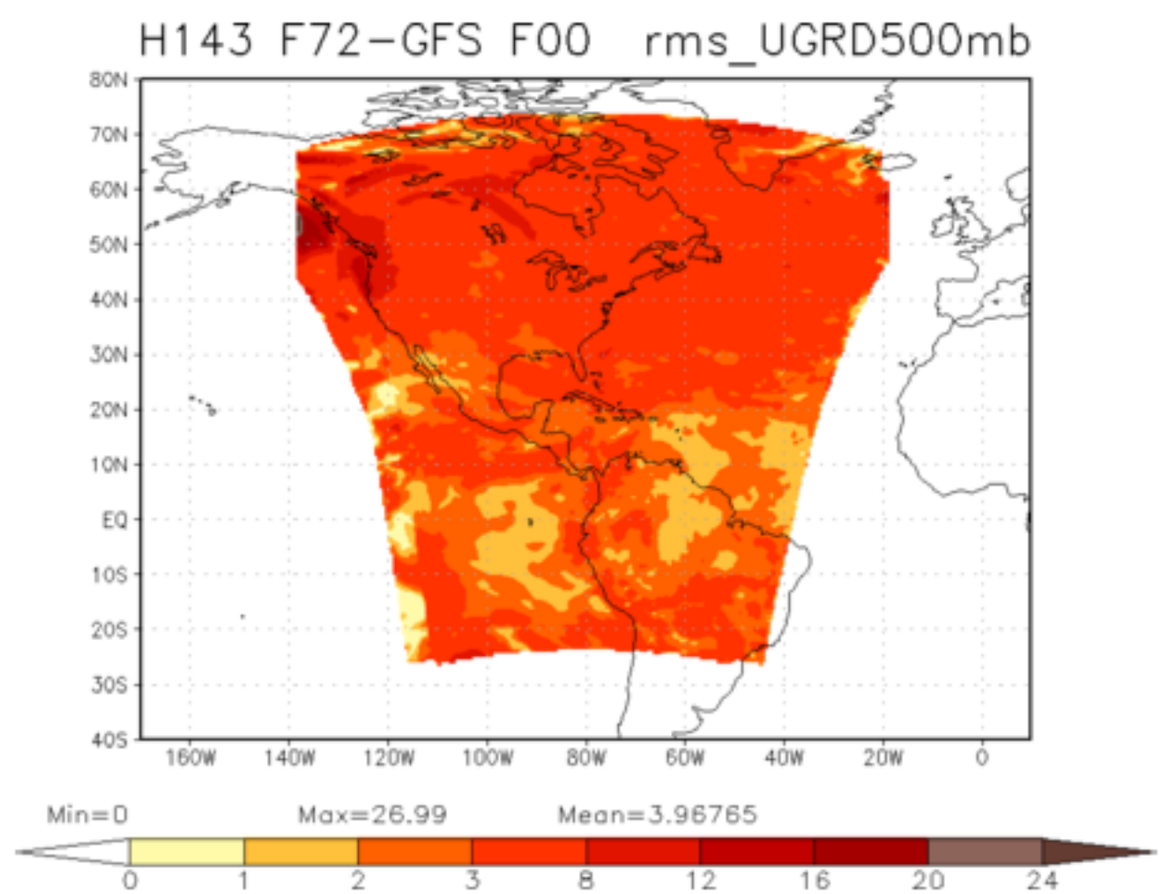

H143 F48−GFS F00 rms_UGRD500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0 Max=16.4249 Mean=3.25179
0 1 2 3 8 12 16 20 24

UGRD+F072

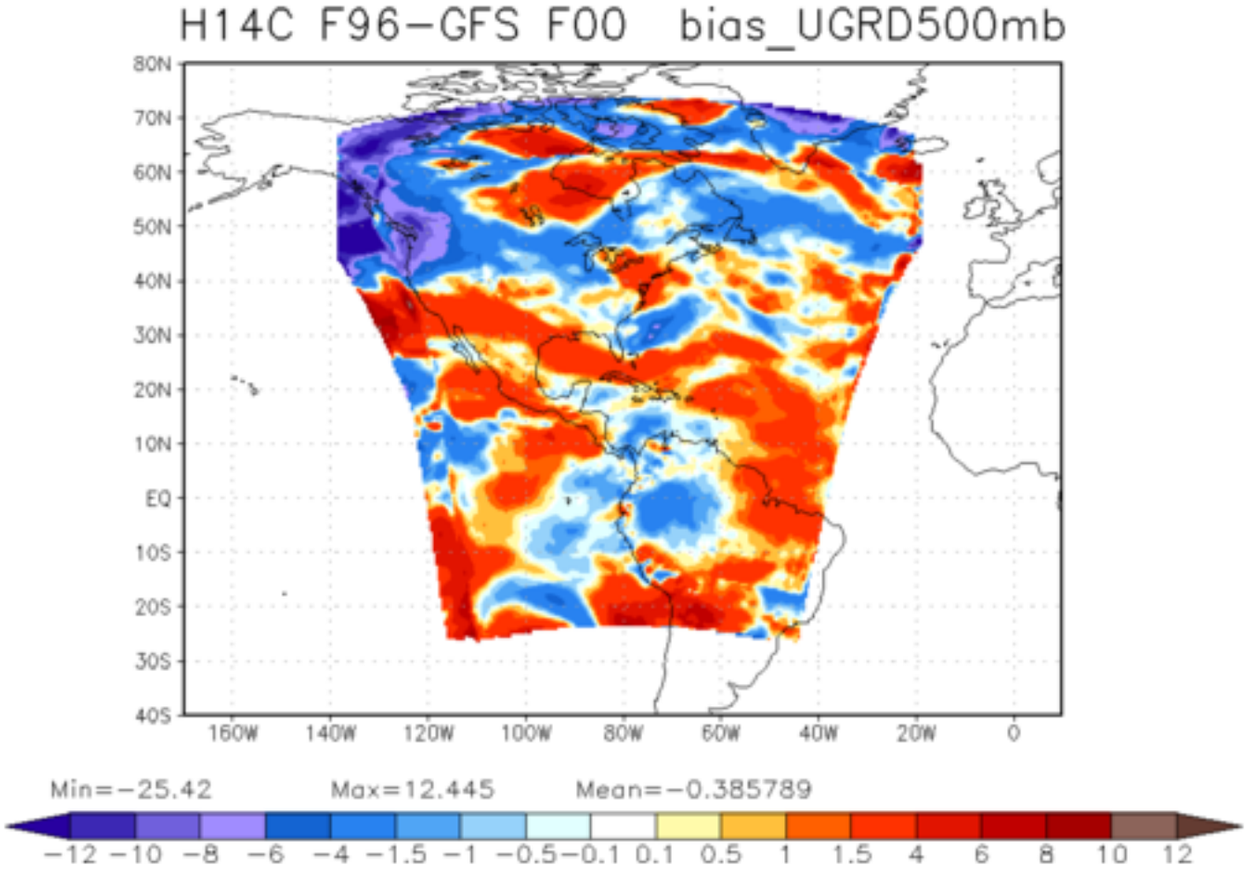

H14C F72−GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−27.17 Max=9.73667 Mean=−0.337679
−12 −10 −8 −6 −4 −1.5 −1 −0.5 −0.1 0.1 0.5 1 1.5 4 6 8 10 12

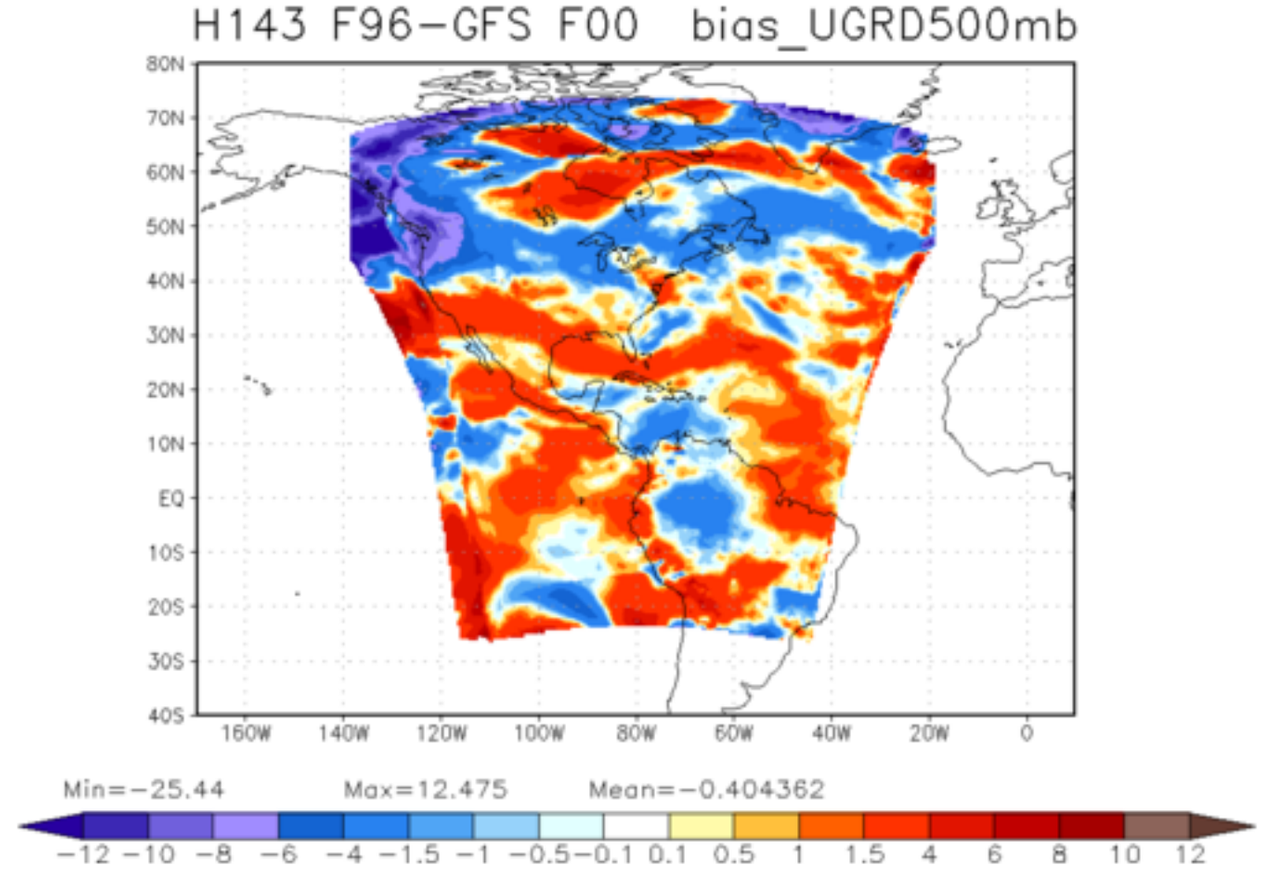

H143 F72−GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−26.99 Max=9.86833 Mean=−0.357126
−12 −10 −8 −6 −4 −1.5 −1 −0.5 −0.1 0.1 0.5 1 1.5 4 6 8 10 12

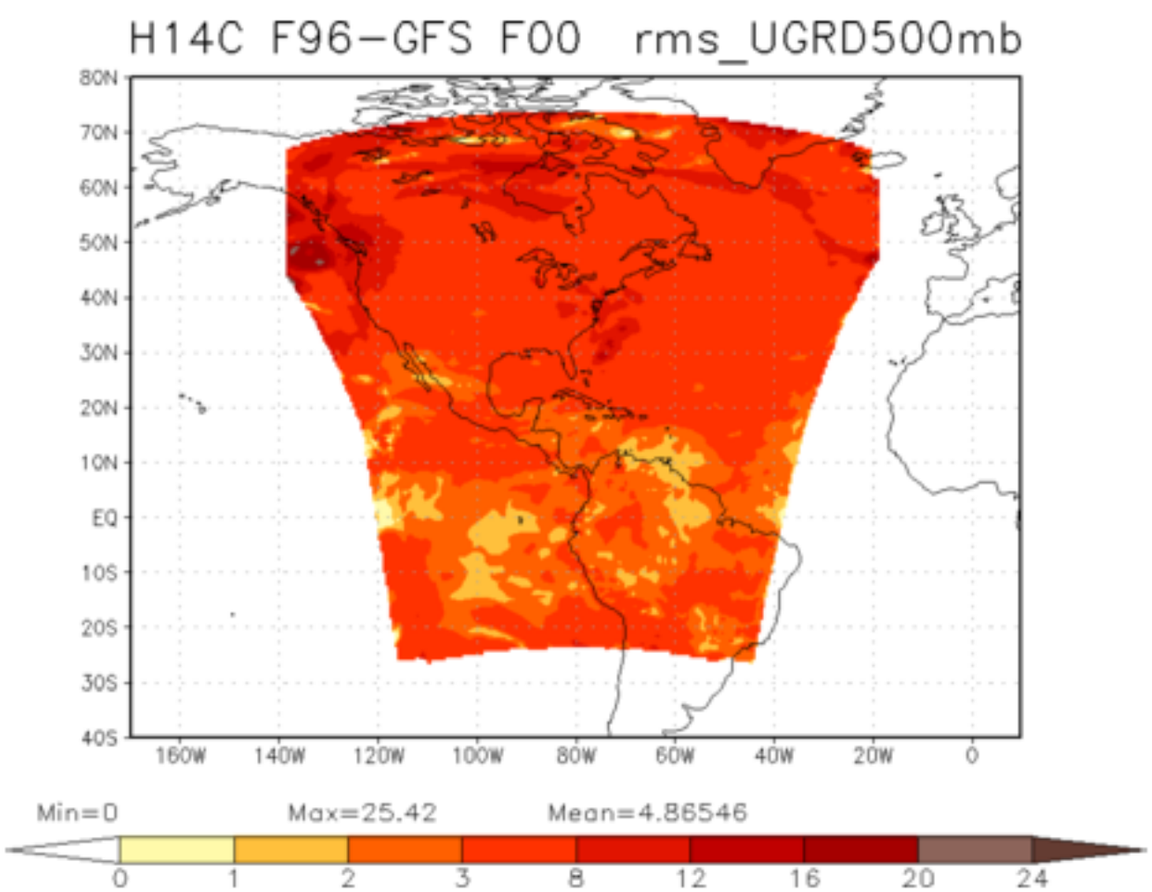

H14C F72−GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0 Max=27.17 Mean=3.90837
0 1 2 3 8 12 16 20 24

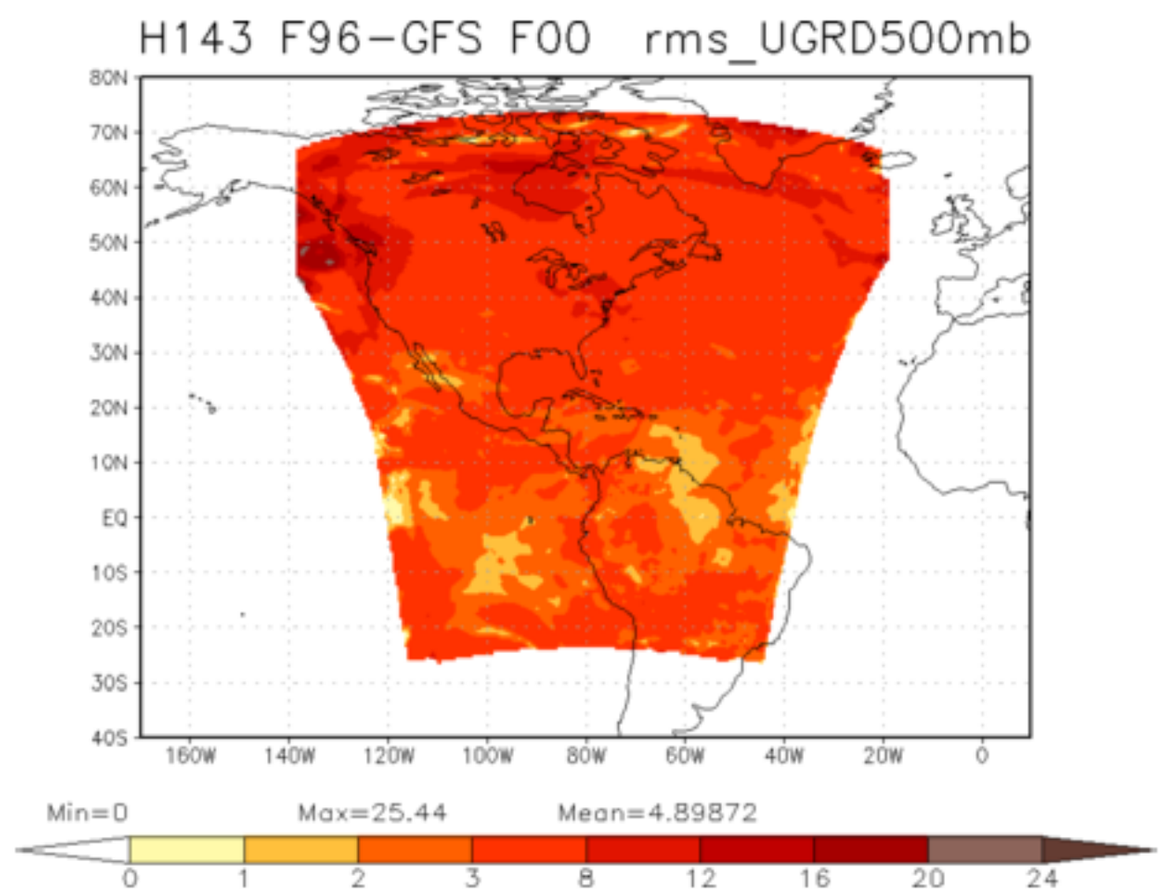

H143 F72−GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0 Max=26.99 Mean=3.96765
0 1 2 3 8 12 16 20 24

UGRD+F096

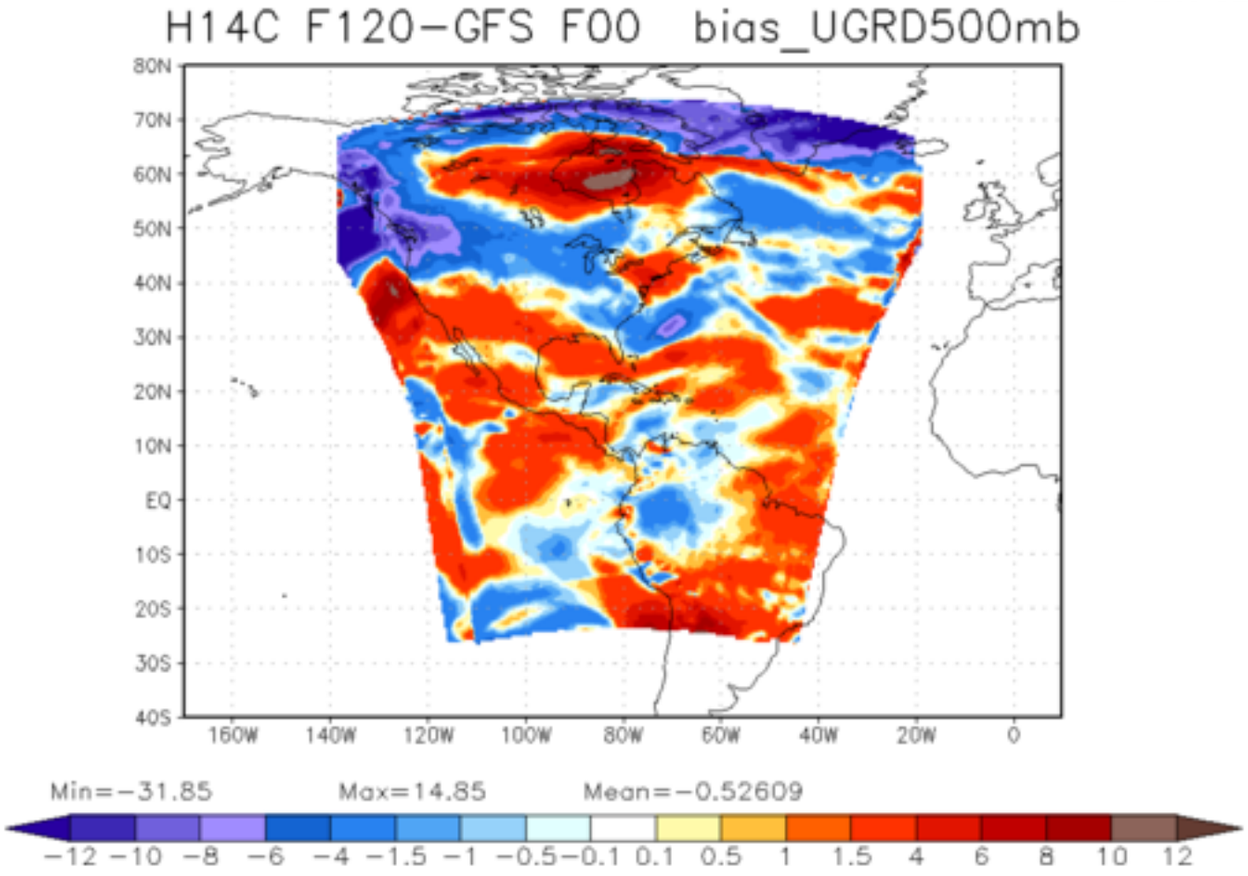

H14C F96−GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−25.42 Max=12.445 Mean=−0.385789
−12 −10 −8 −6 −4 −1.5 −1 −0.5 −0.1 0.1 0.5 1 1.5 4 6 8 10 12

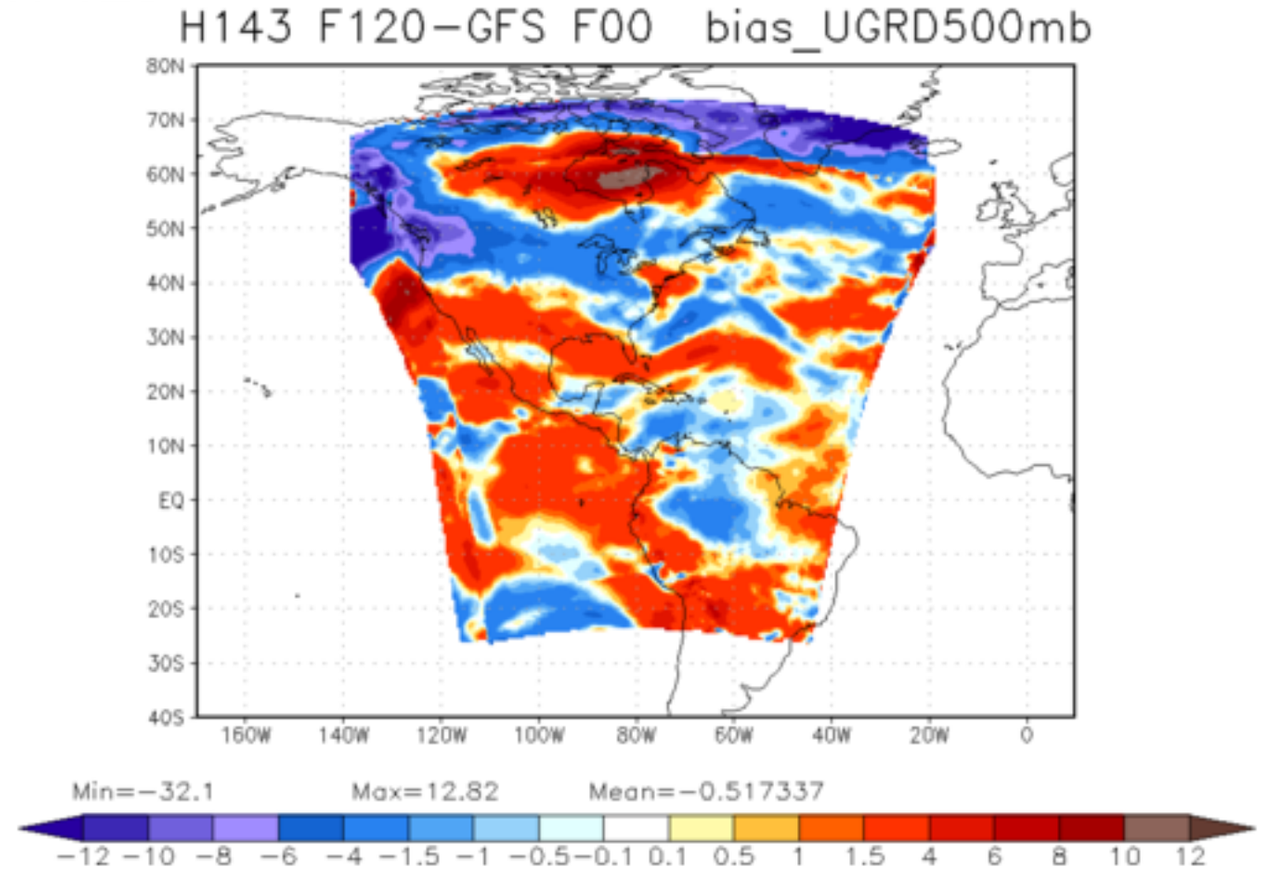

H143 F96−GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−25.44 Max=12.475 Mean=−0.404362
−12 −10 −8 −6 −4 −1.5 −1 −0.5 −0.1 0.1 0.5 1 1.5 4 6 8 10 12

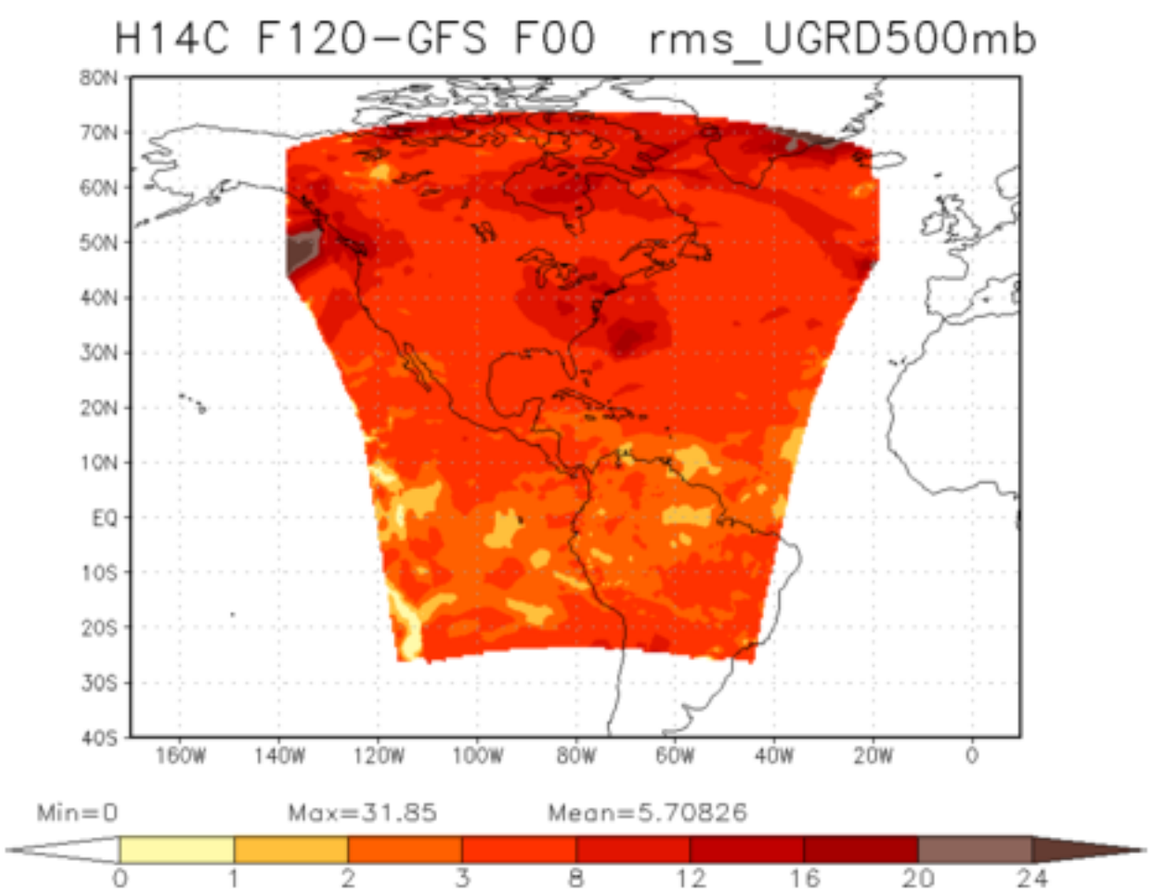

H14C F96−GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0 Max=25.42 Mean=4.86546
0 1 2 3 8 12 16 20 24

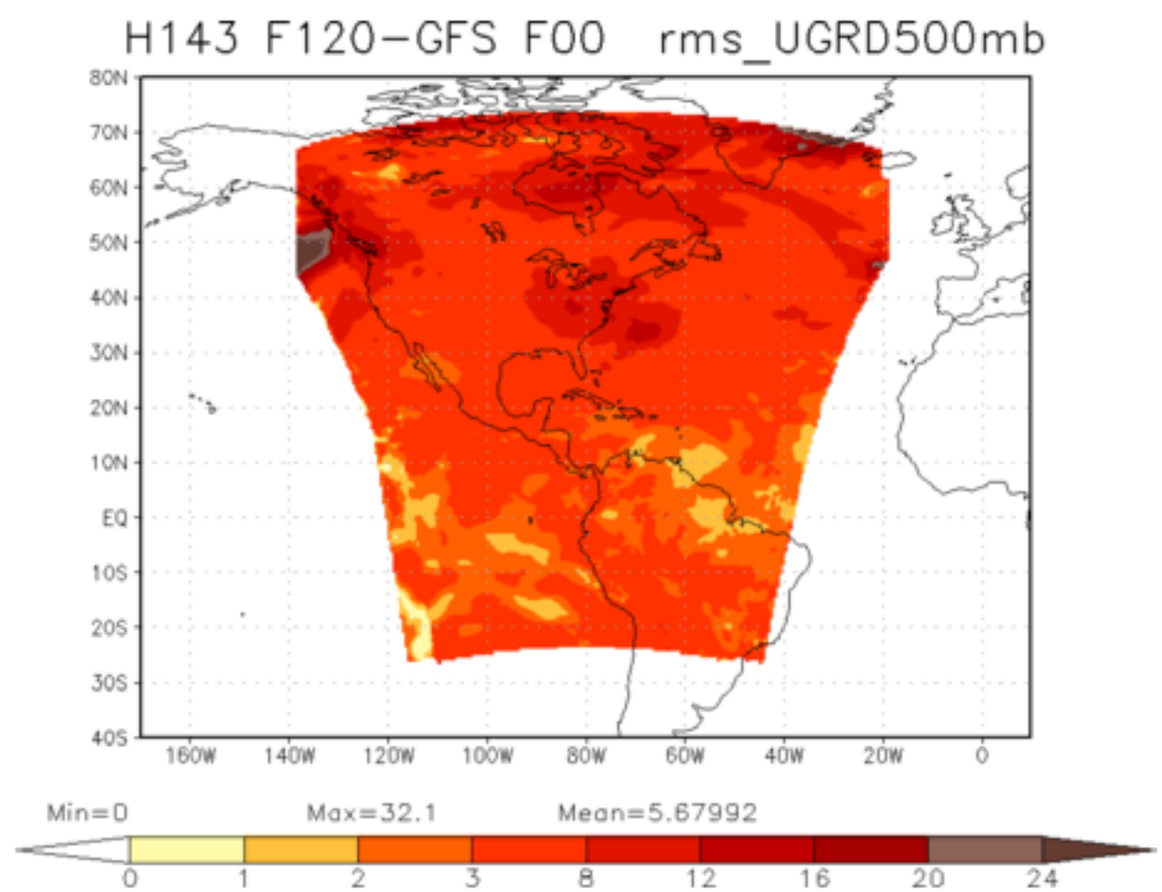

H143 F96−GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0 Max=25.44 Mean=4.89872
0 1 2 3 8 12 16 20 24

UGRD+F120


H14C F120−GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−31.85 Max=14.85 Mean=−0.52609
−12 −10 −8 −6 −4 −1.5 −1 −0.5 −0.1 0.1 0.5 1 1.5 4 6 8 10 12


H143 F120−GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=−32.1 Max=12.82 Mean=−0.517337
−12 −10 −8 −6 −4 −1.5 −1 −0.5 −0.1 0.1 0.5 1 1.5 4 6 8 10 12


H14C F120−GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0 Max=31.85 Mean=5.70826
0 1 2 3 8 12 16 20 24


H143 F120−GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
160W 140W 120W 100W 80W 60W 40W 20W 0
Min=0 Max=32.1 Mean=5.67992
0 1 2 3 8 12 16 20 24