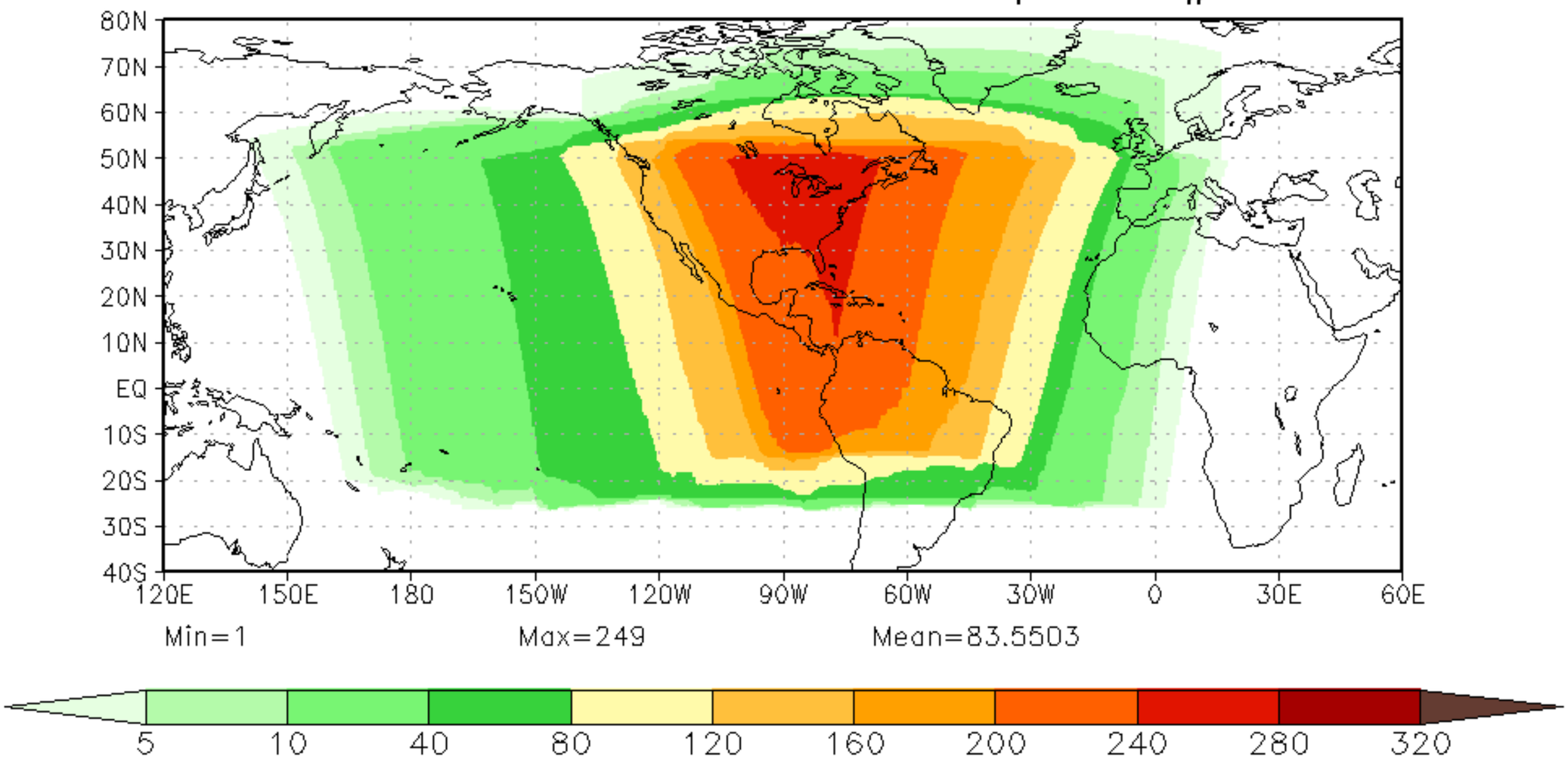
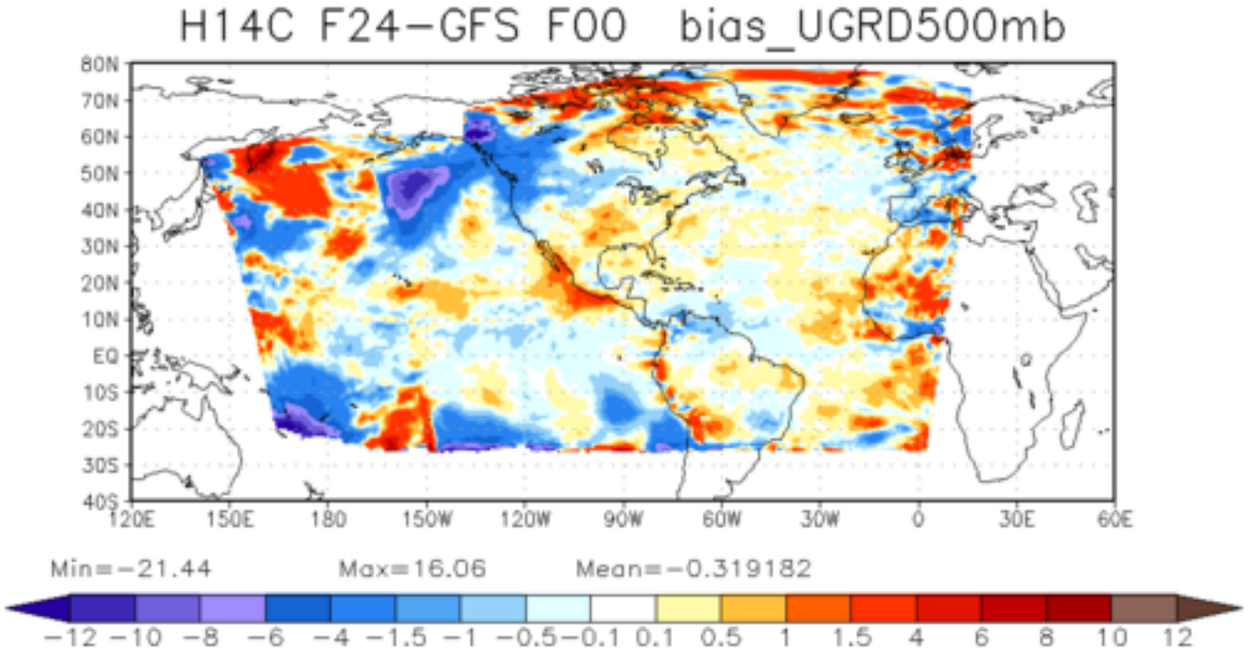
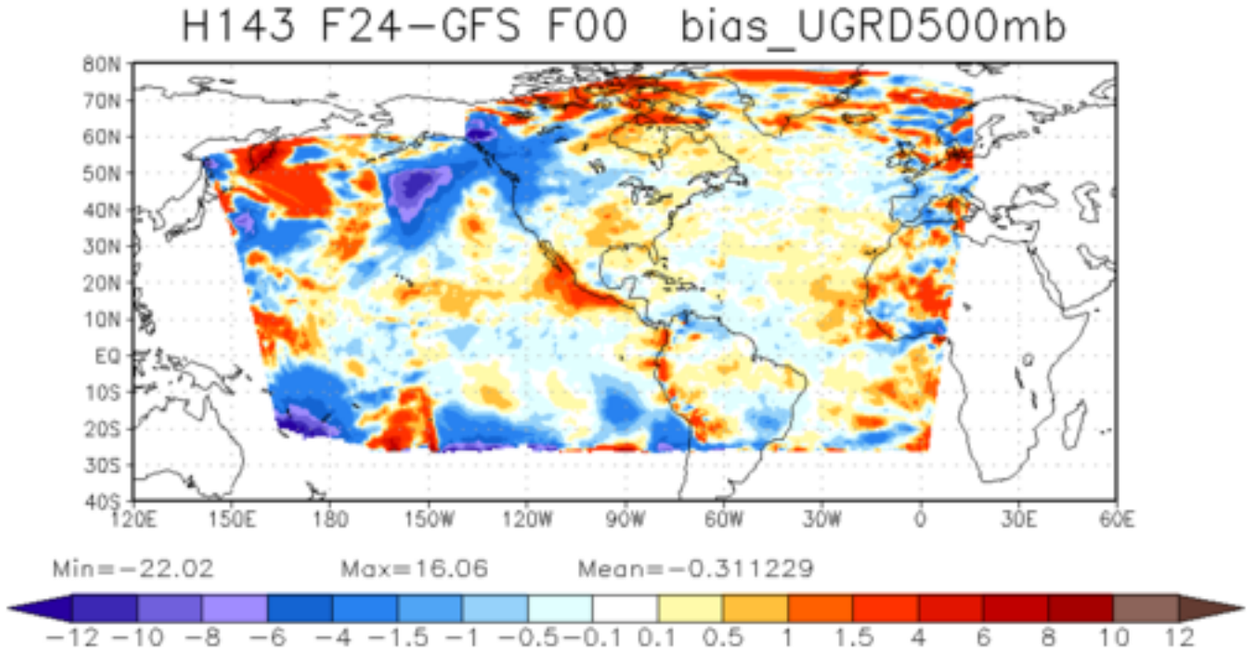
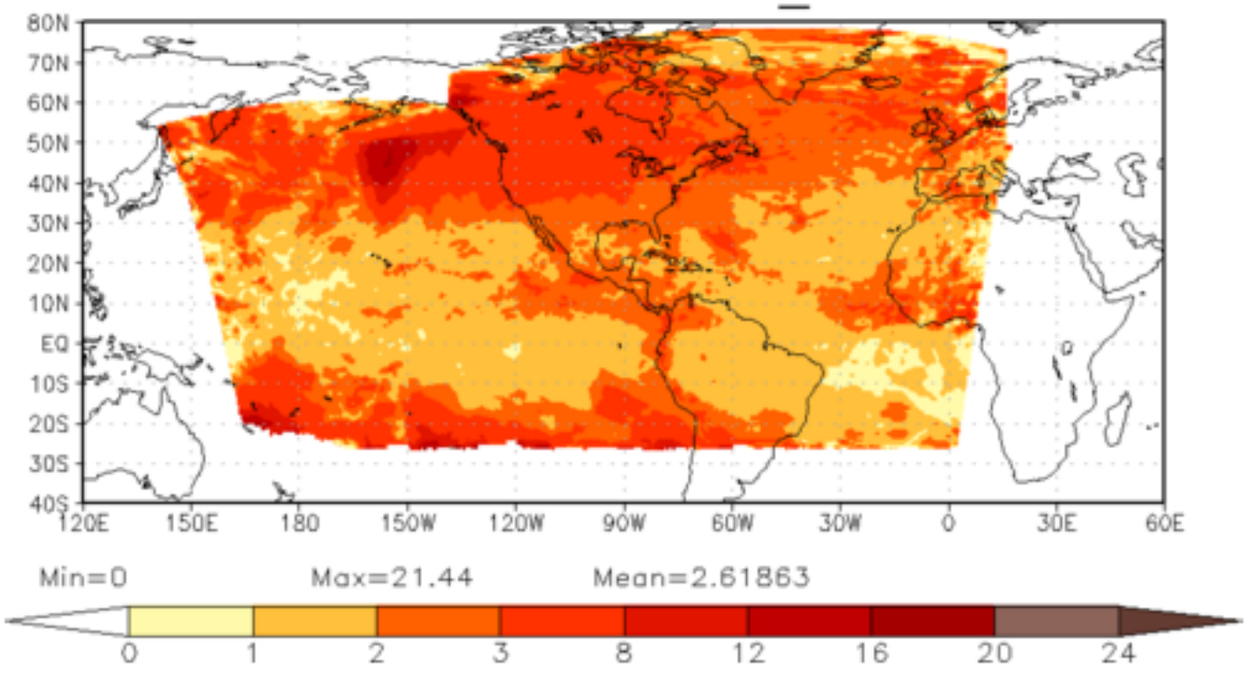
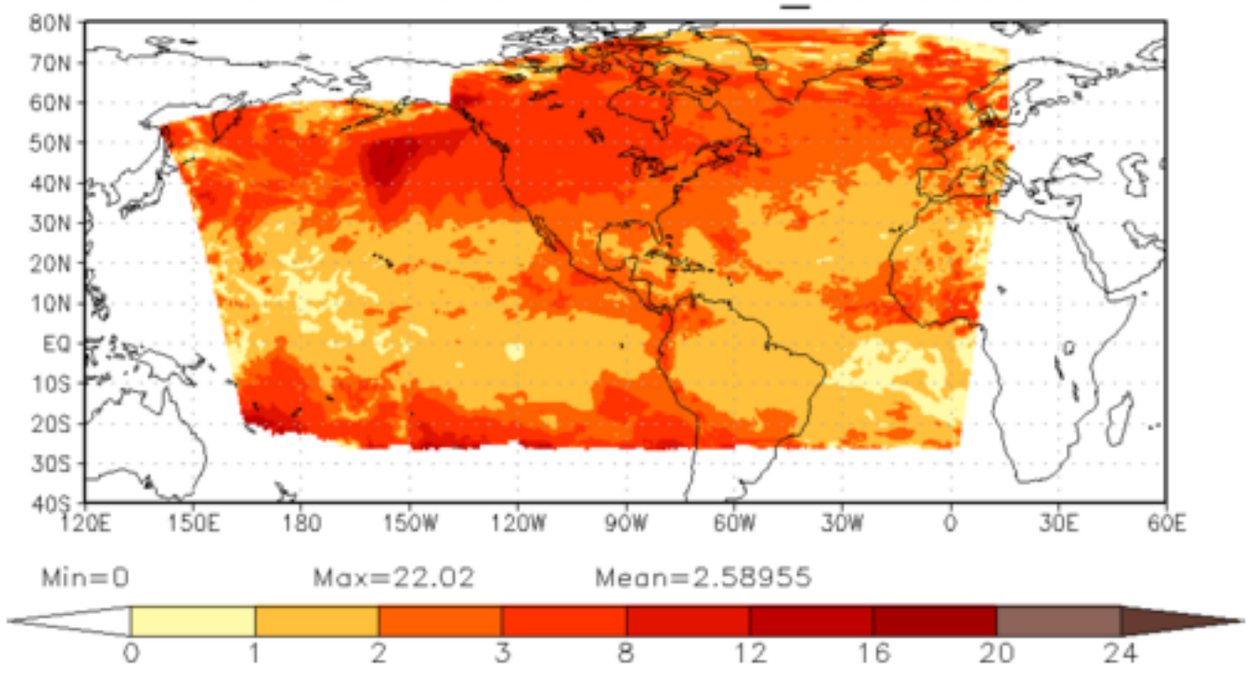

H14C F120-GFS F00 point #
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
120E
150E
180
150W
120W
90W
60W
30W
0
30E
60E
Min=1
Max=249
Mean=83.5503
5
10
40
80
120
160
200
240
280
320

UGRD+F024

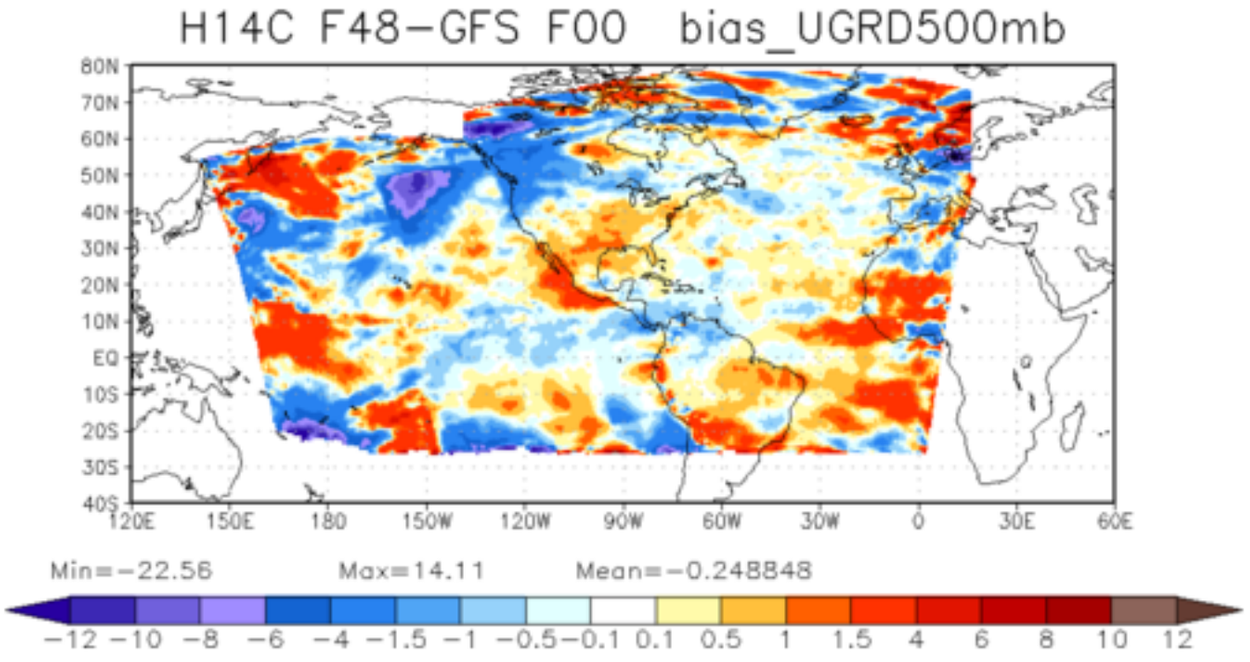

H14C F24-GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=-21.44 Max=16.06 Mean=-0.319182
-12 -10 -8 -6 -4 -1.5 -1 -0.5 -0.1 0.1 0.5 1 1.5 4 6 8 10 12

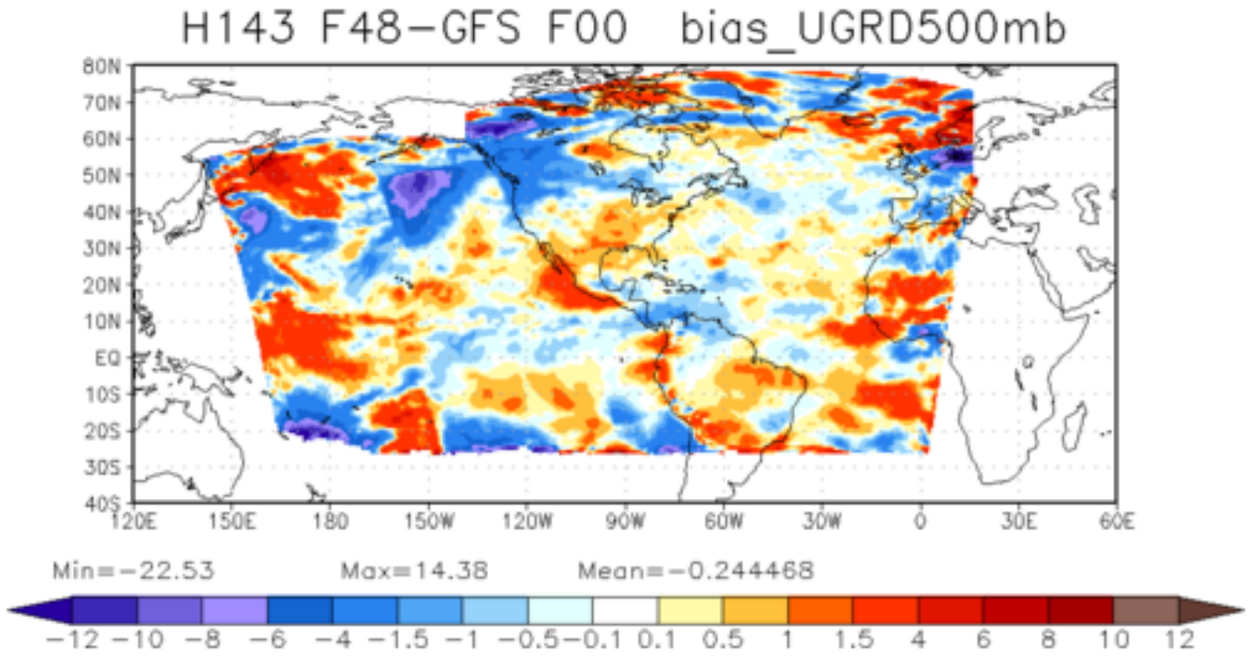

H143 F24-GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=-22.02 Max=16.06 Mean=-0.311229
-12 -10 -8 -6 -4 -1.5 -1 -0.5 -0.1 0.1 0.5 1 1.5 4 6 8 10 12

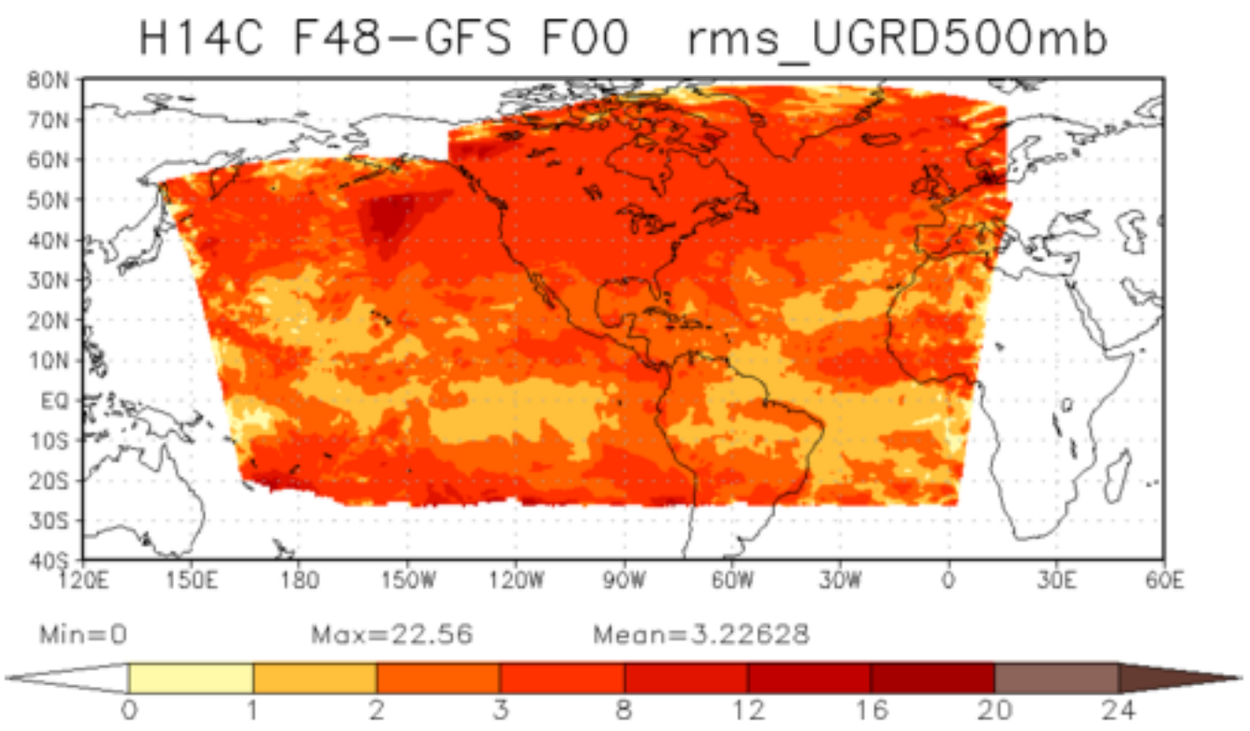

H14C F24-GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=0 Max=21.44 Mean=2.61863
0 1 2 3 8 12 16 20 24

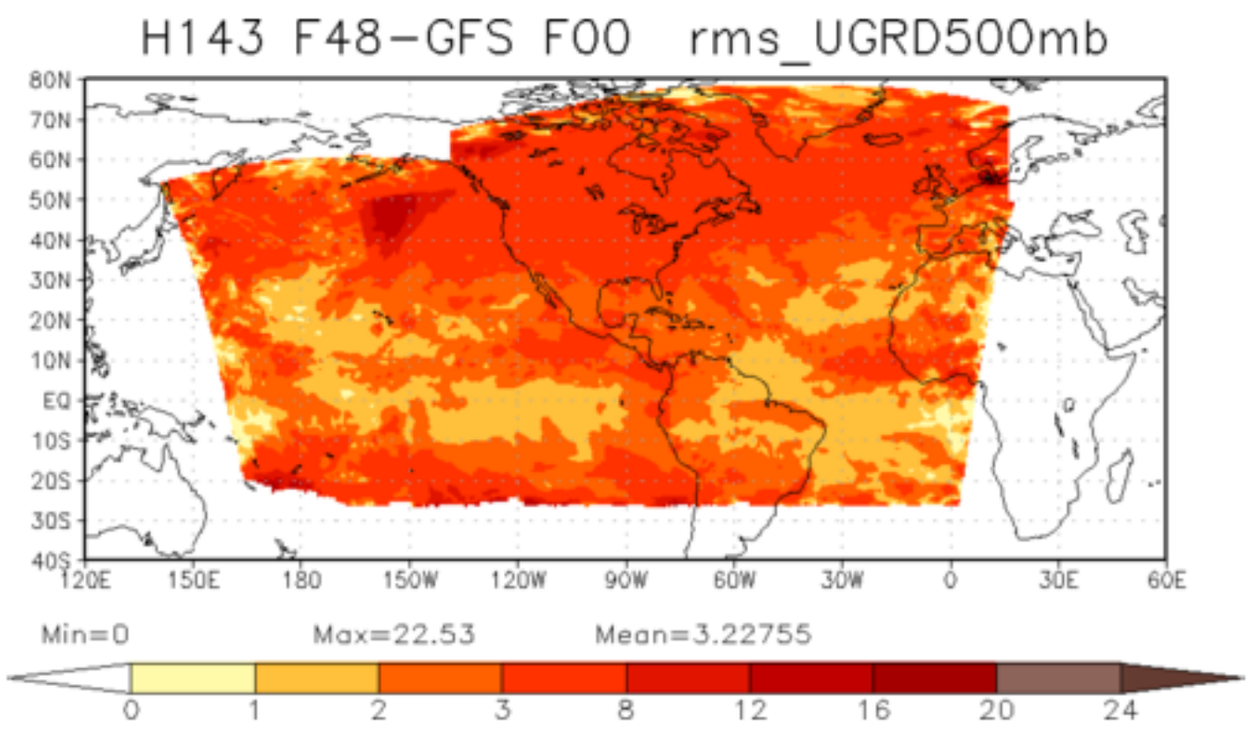

H143 F24-GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=0 Max=22.02 Mean=2.58955
0 1 2 3 8 12 16 20 24

UGRD+F048

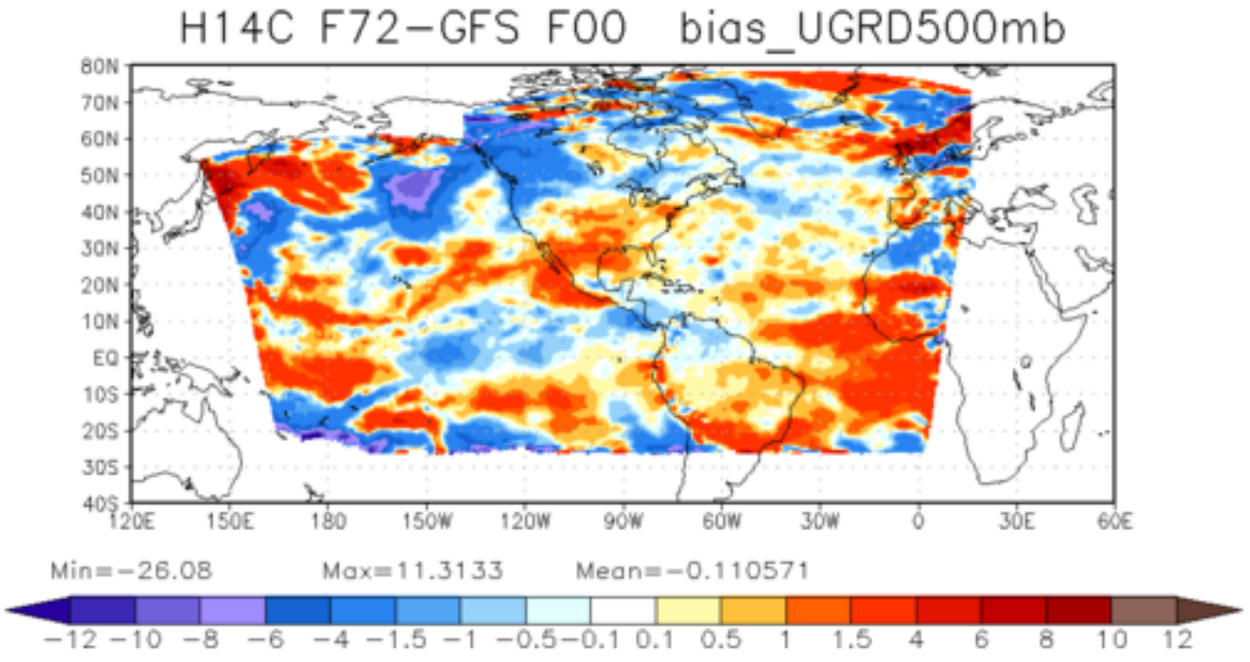

H14C F48-GFS F00 bias_UGRD500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
120E
150E
180
150W
120W
90W
60W
30W
0
30E
60E
Min=-22.56
Max=14.11
Mean=-0.248848
-12 -10 -8 -6 -4 -1.5 -1 -0.5 -0.1 0.1 0.5 1 1.5 4 6 8 10 12

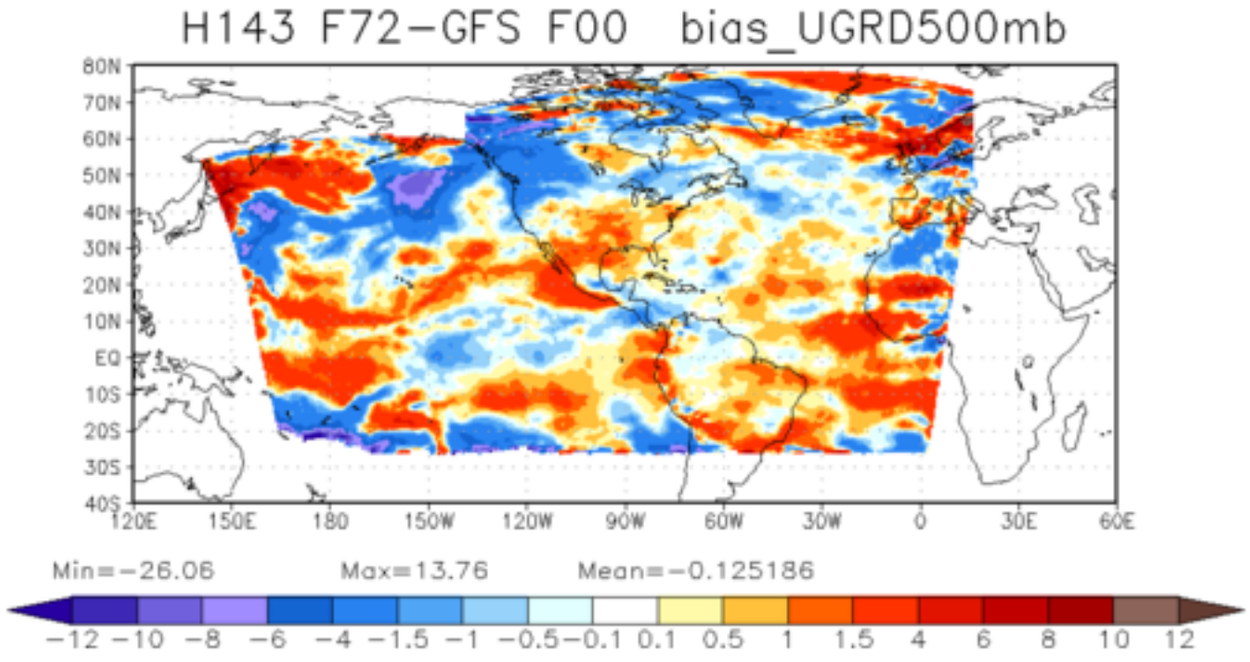

H143 F48-GFS F00 bias_UGRD500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
120E
150E
180
150W
120W
90W
60W
30W
0
30E
60E
Min=-22.53
Max=14.38
Mean=-0.244468
-12 -10 -8 -6 -4 -1.5 -1 -0.5 -0.1 0.1 0.5 1 1.5 4 6 8 10 12

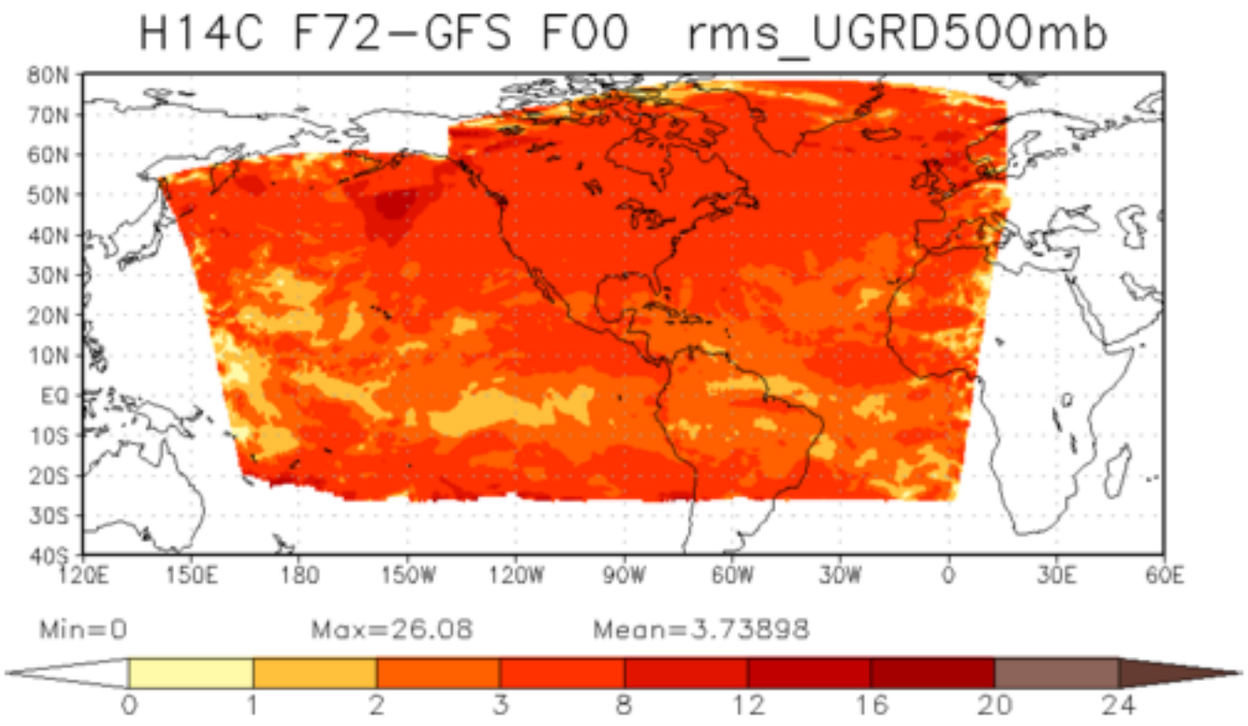

H14C F48-GFS F00 rms_UGRD500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
120E
150E
180
150W
120W
90W
60W
30W
0
30E
60E
Min=0
Max=22.56
Mean=3.22628
0 1 2 3 8 12 16 20 24

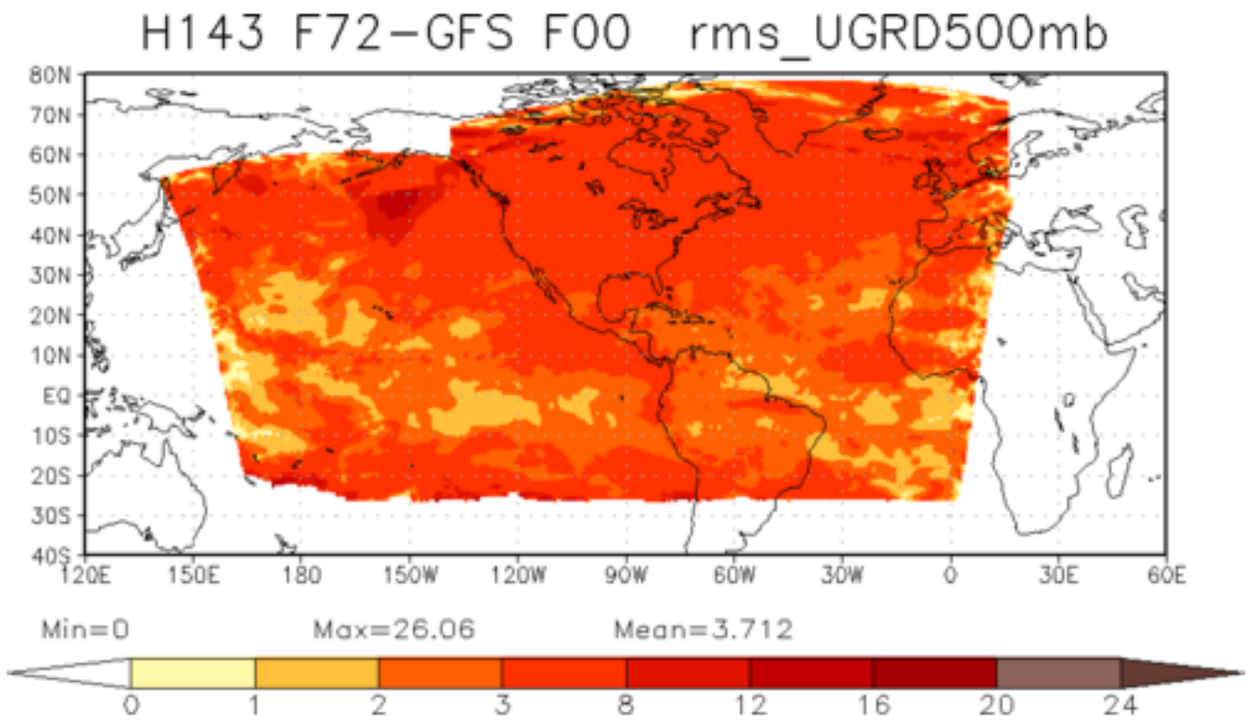

H143 F48-GFS F00 rms_UGRD500mb
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
20S
30S
40S
120E
150E
180
150W
120W
90W
60W
30W
0
30E
60E
Min=0
Max=22.53
Mean=3.22755
0 1 2 3 8 12 16 20 24

UGRD+F072

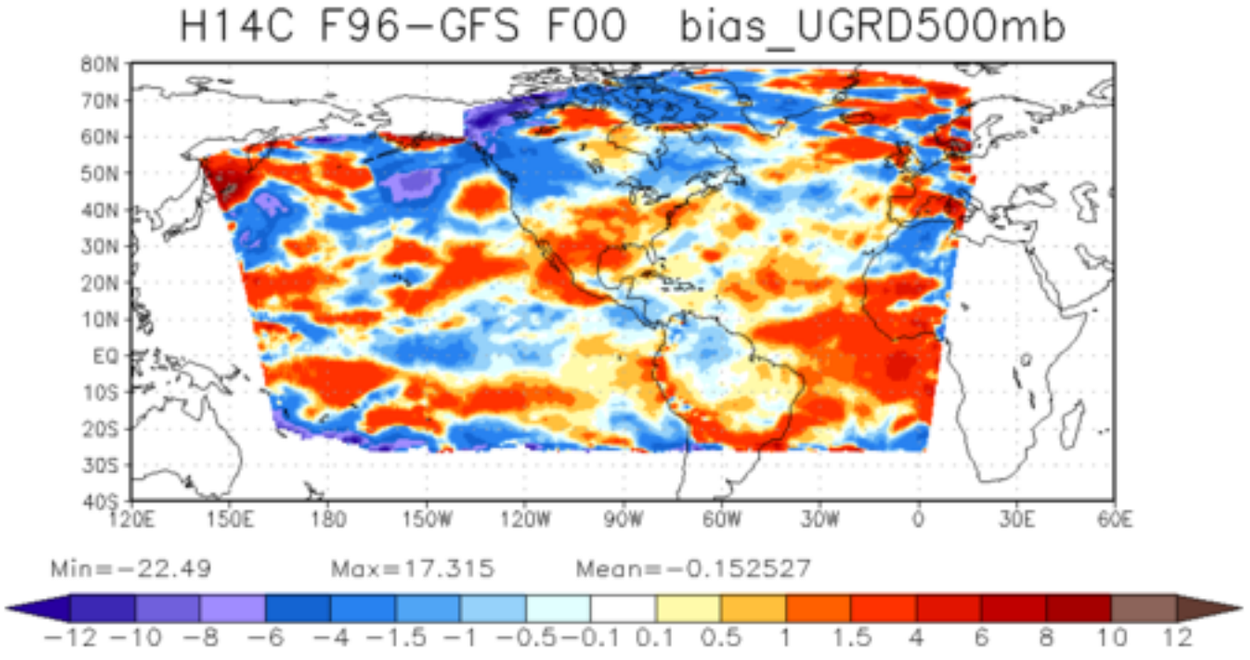

H14C F72-GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=-26.08 Max=11.3133 Mean=-0.110571
-12 -10 -8 -6 -4 -1.5 -1 -0.5 -0.1 0.1 0.5 1 1.5 4 6 8 10 12

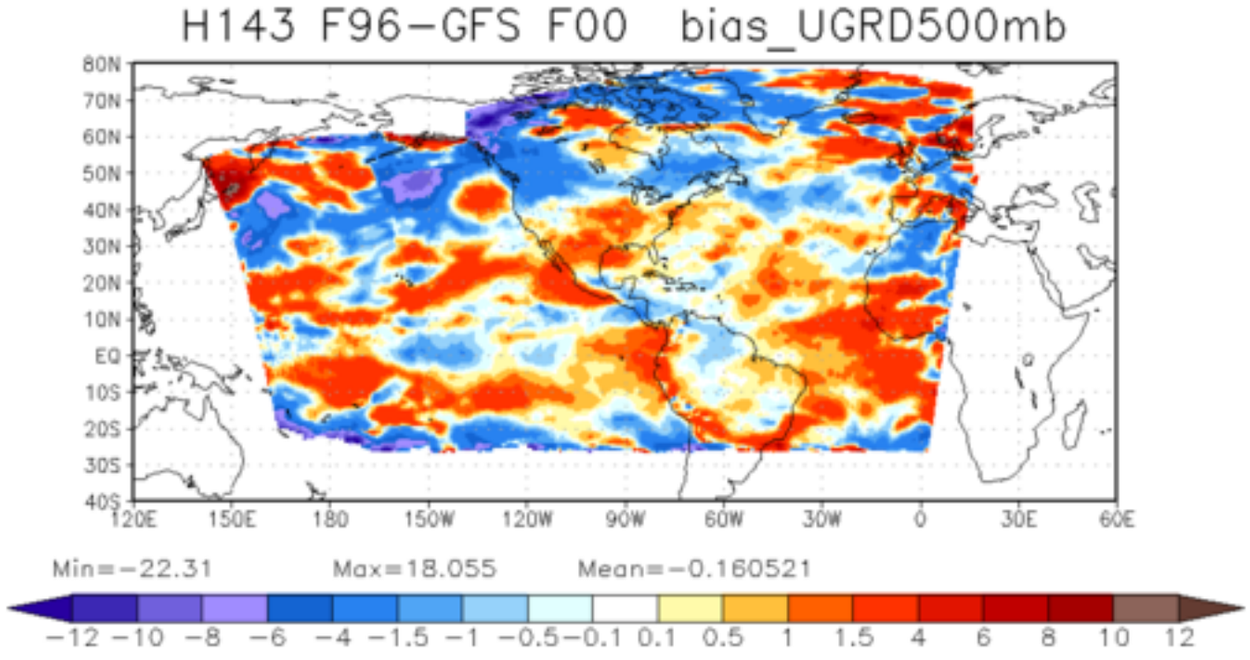

H143 F72-GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=-26.06 Max=13.76 Mean=-0.125186
-12 -10 -8 -6 -4 -1.5 -1 -0.5 -0.1 0.1 0.5 1 1.5 4 6 8 10 12

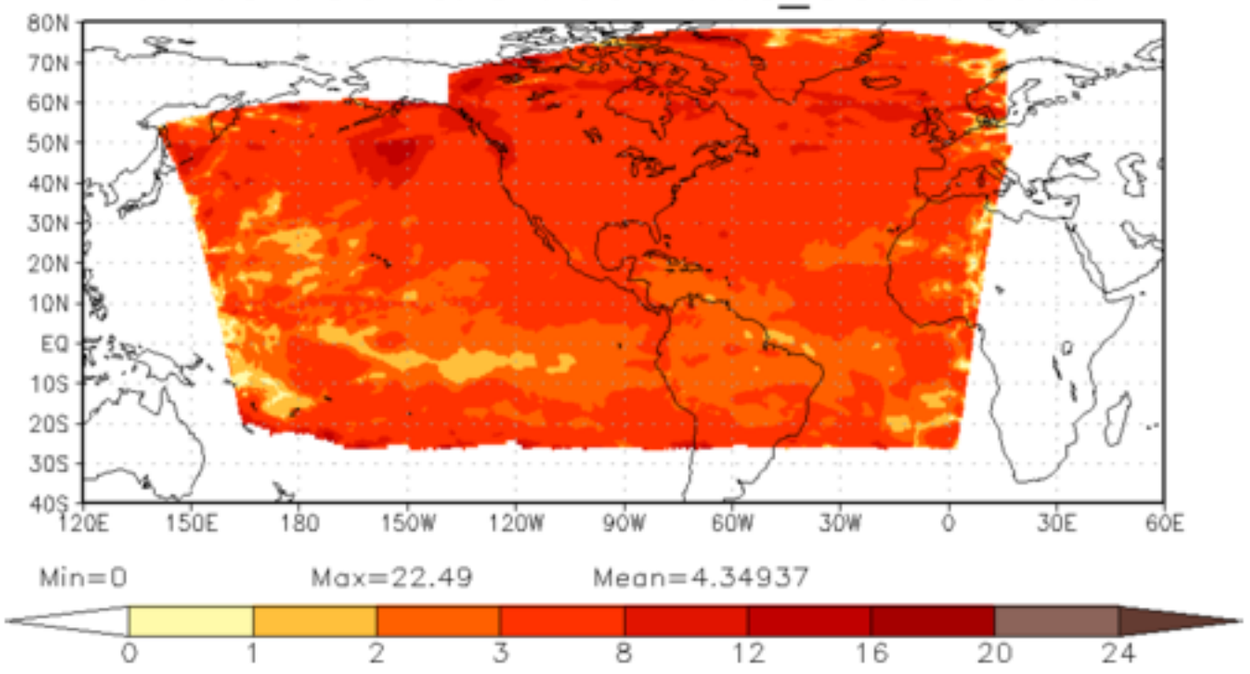

H14C F72-GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=0 Max=26.08 Mean=3.73898
0 1 2 3 8 12 16 20 24

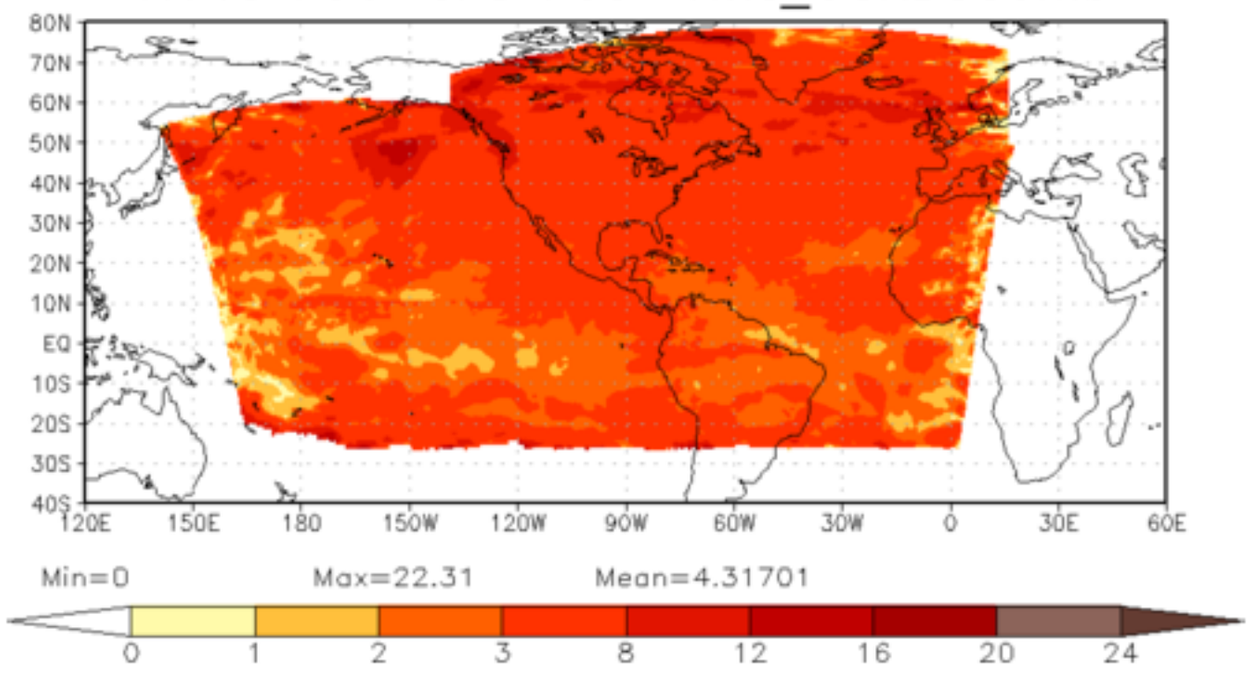

H143 F72-GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=0 Max=26.06 Mean=3.712
0 1 2 3 8 12 16 20 24

UGRD+F096

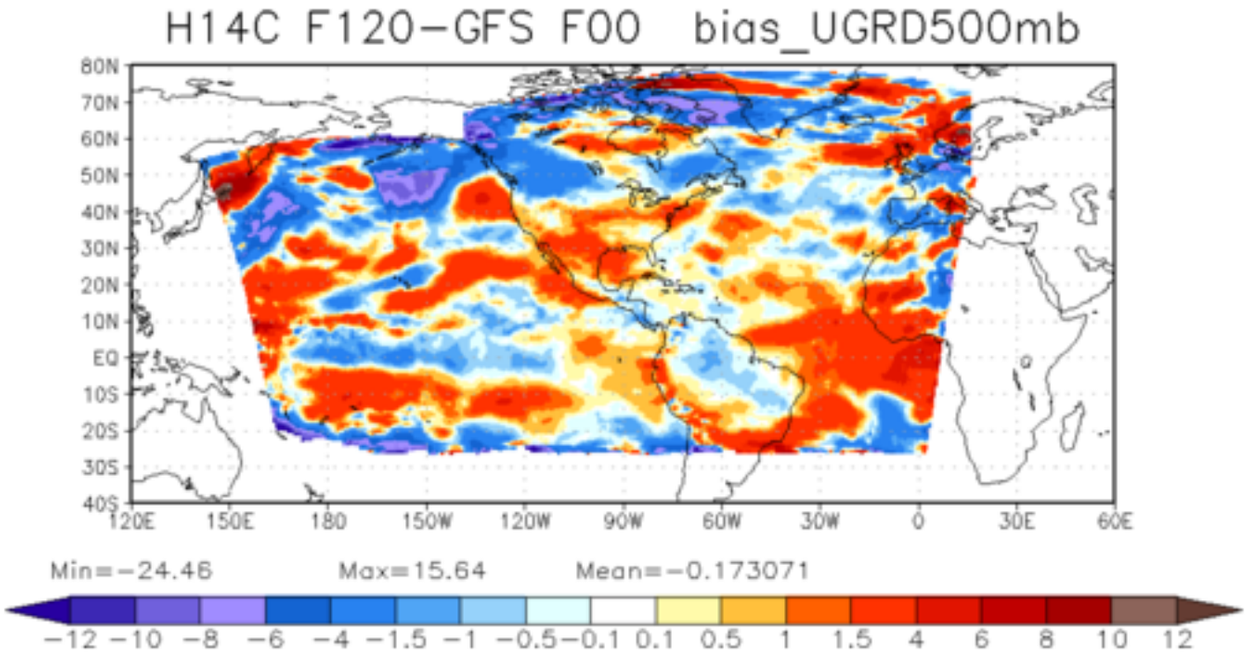

H14C F96-GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=-22.49 Max=17.315 Mean=-0.152527
-12 -10 -8 -6 -4 -1.5 -1 -0.5 -0.1 0.1 0.5 1 1.5 4 6 8 10 12

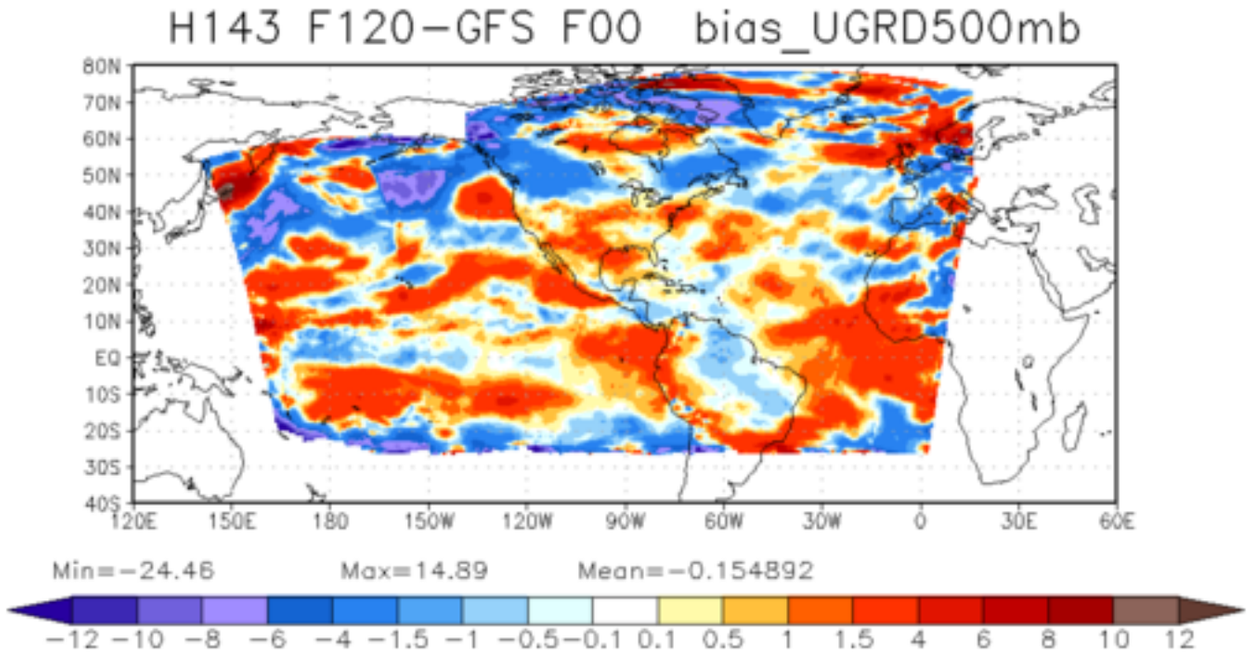

H143 F96-GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=-22.31 Max=18.055 Mean=-0.160521
-12 -10 -8 -6 -4 -1.5 -1 -0.5 -0.1 0.1 0.5 1 1.5 4 6 8 10 12

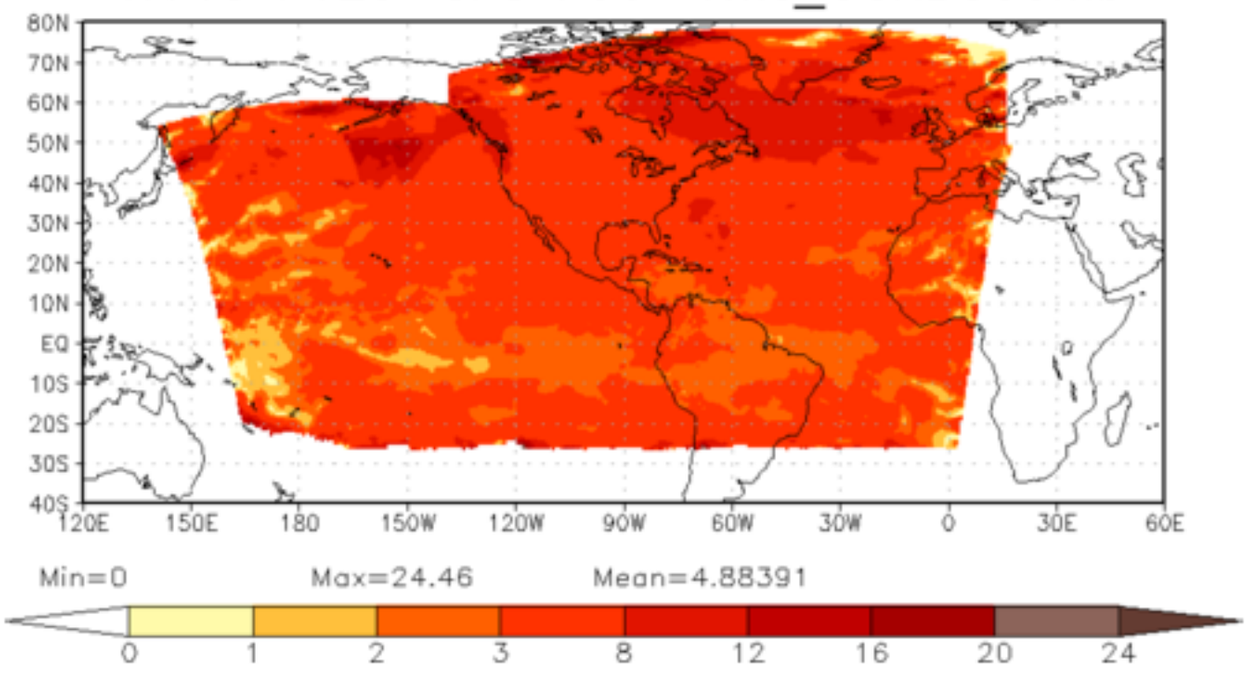

H14C F96-GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=0 Max=22.49 Mean=4.34937
0 1 2 3 8 12 16 20 24

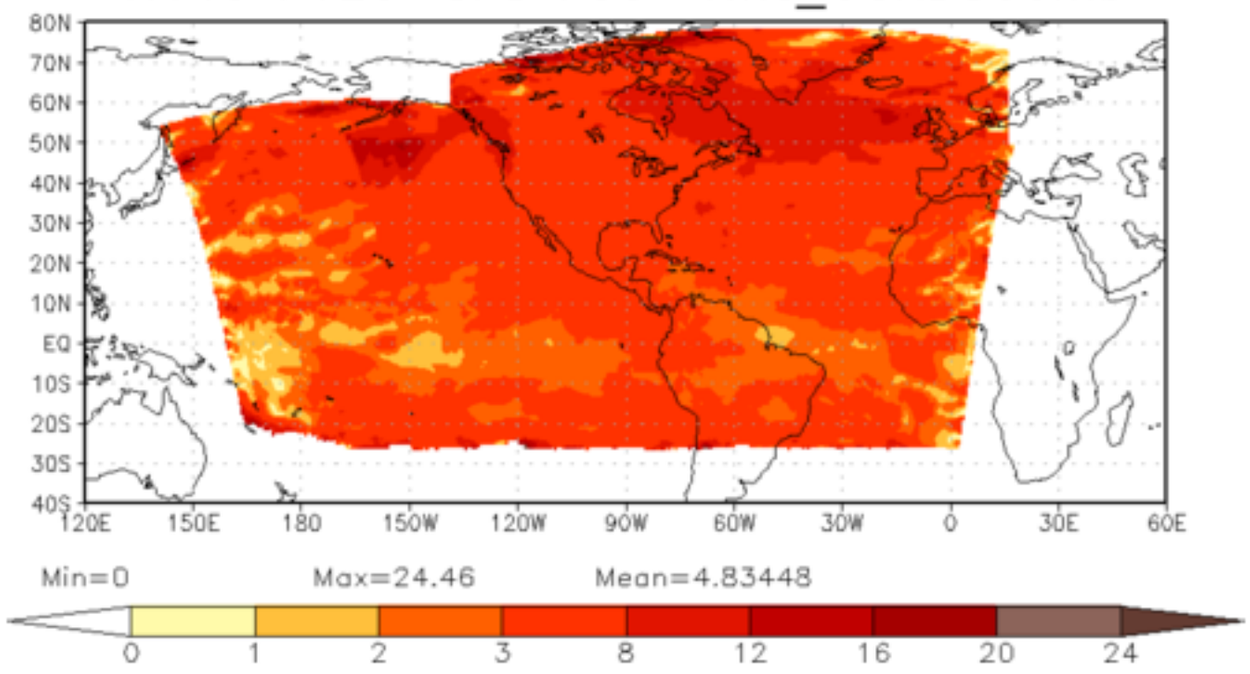

H143 F96-GFS F00 rms_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=0 Max=22.31 Mean=4.31701
0 1 2 3 8 12 16 20 24

UGRD+F120


H14C F120-GFS F00 bias_UGRD500mb
80N 70N 60N 50N 40N 30N 20N 10N EQ 10S 20S 30S 40S
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=-24.46 Max=15.64 Mean=-0.173071
-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
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=-24.46 Max=14.89 Mean=-0.154892
-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
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=0 Max=24.46 Mean=4.88391
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
120E 150E 180 150W 120W 90W 60W 30W 0 30E 60E
Min=0 Max=24.46 Mean=4.83448
0 1 2 3 8 12 16 20 24