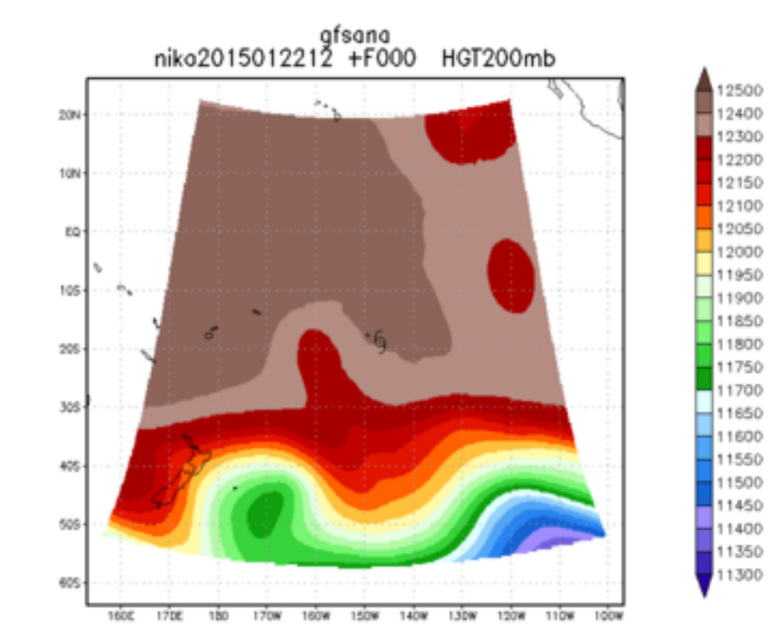
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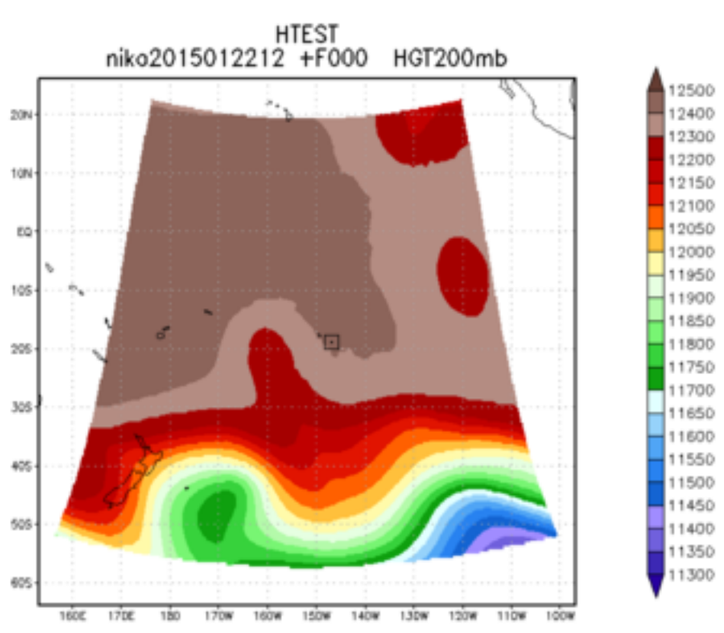
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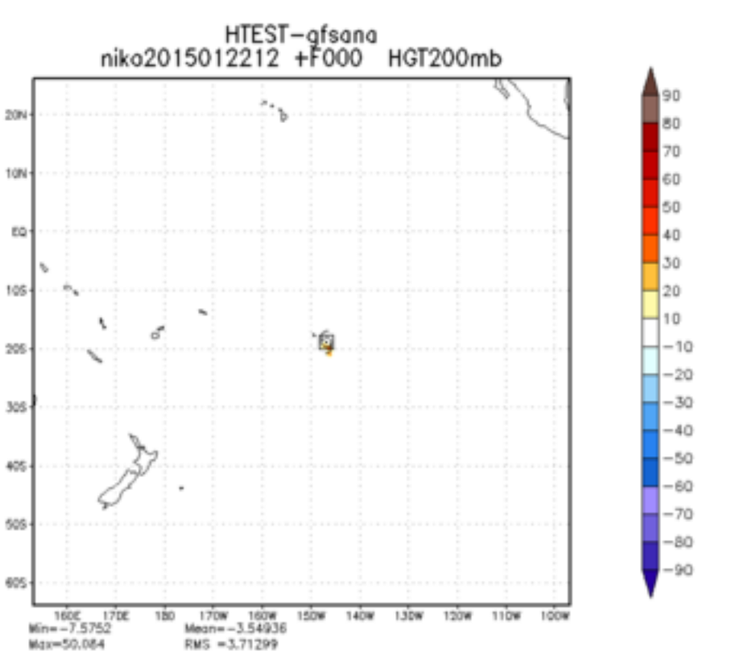
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Max=50.084
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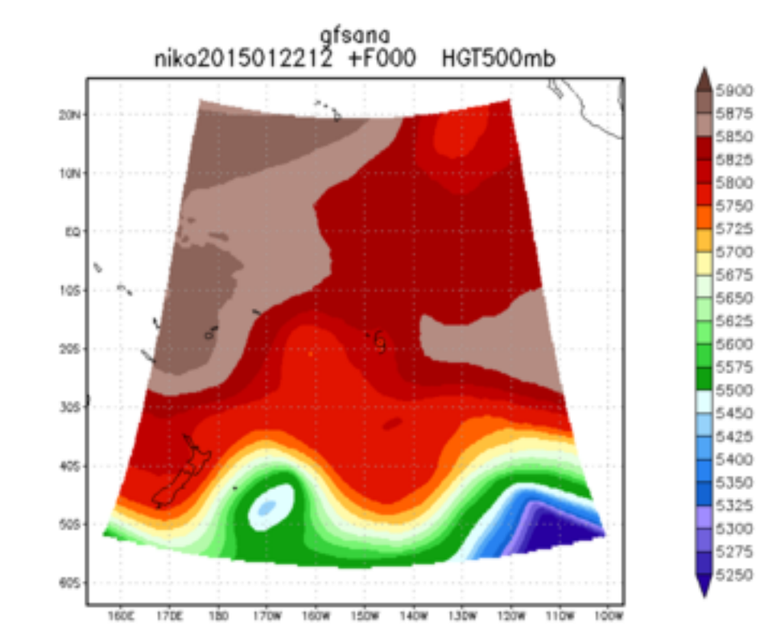
RMS =3.71299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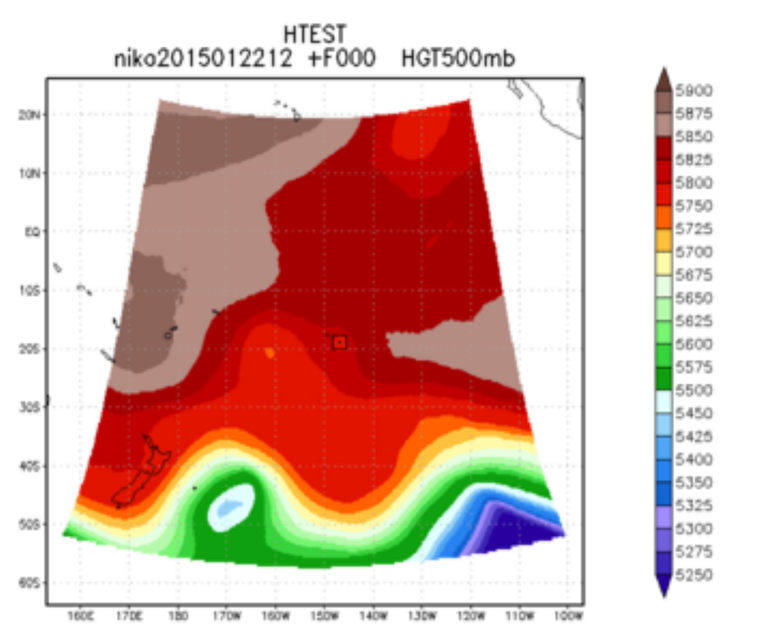
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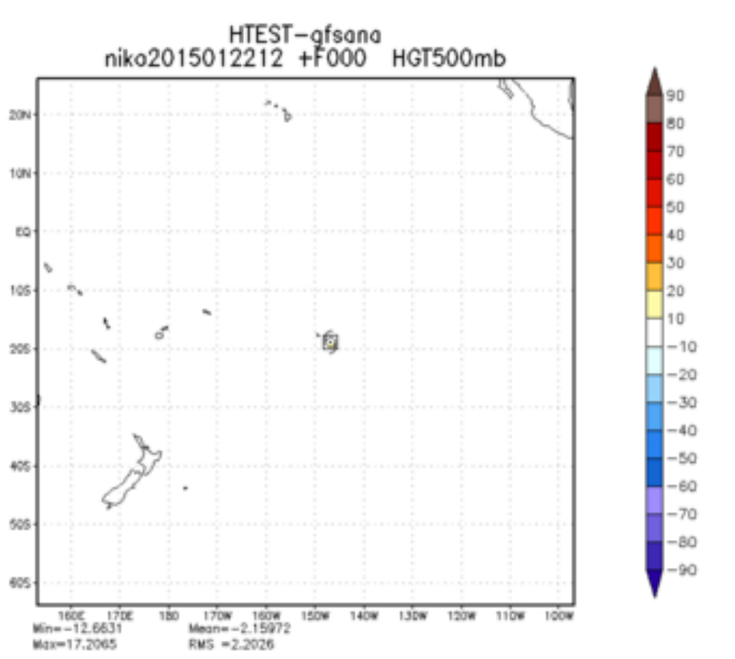
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Min=−12.6631
Max=17.2065
Mean=−2.15972
RMS =2.2026
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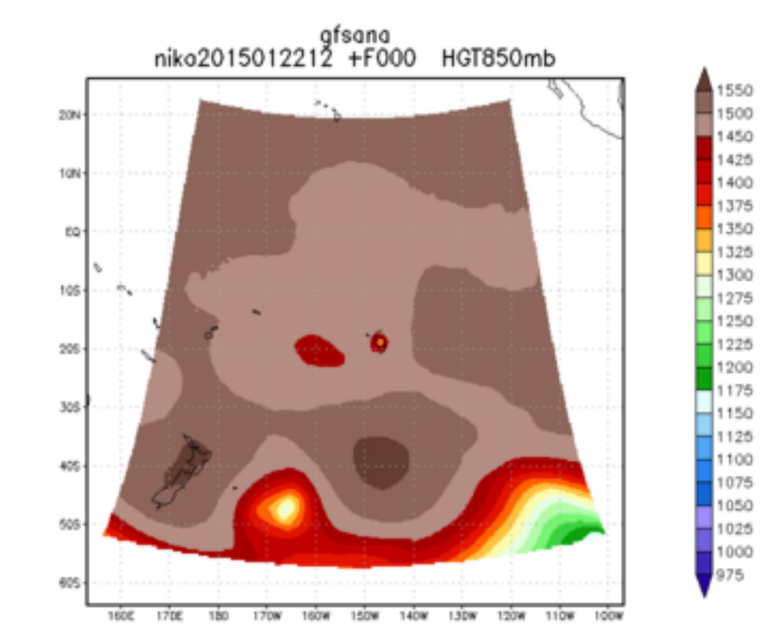
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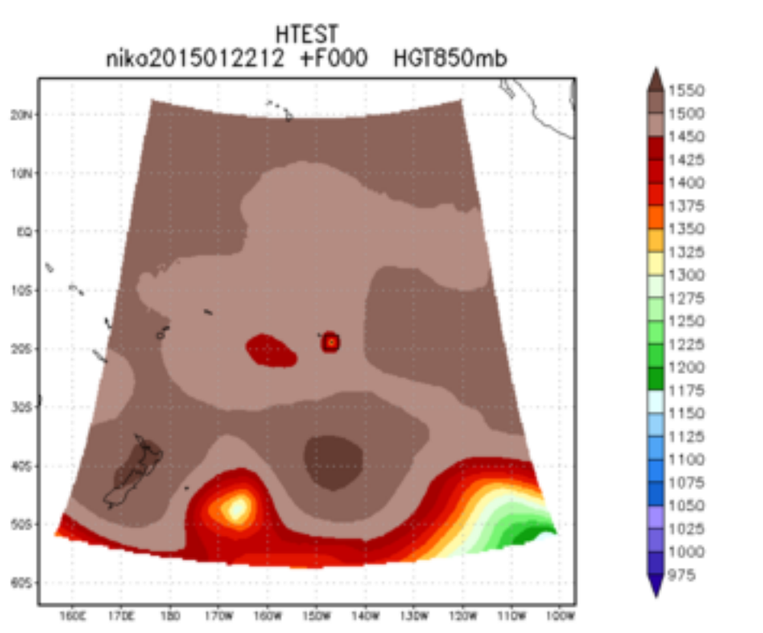
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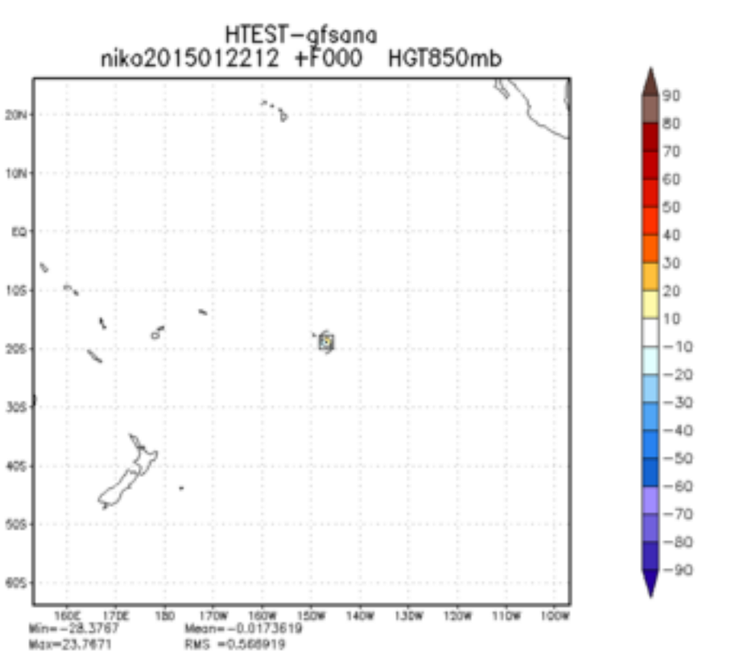
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Max=23.7671
Mean=-0.0173619
RMS =0.568919
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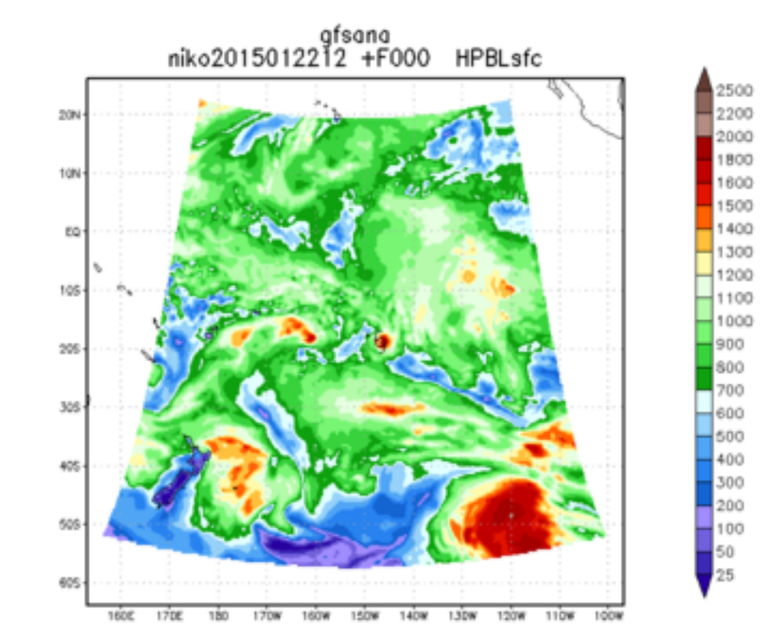
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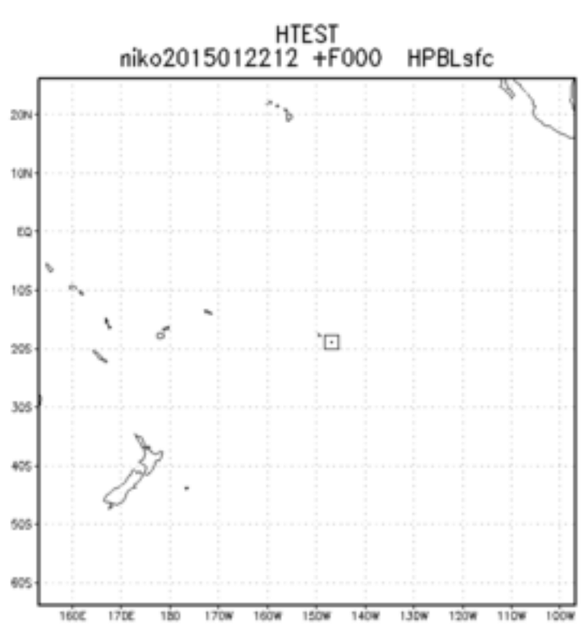
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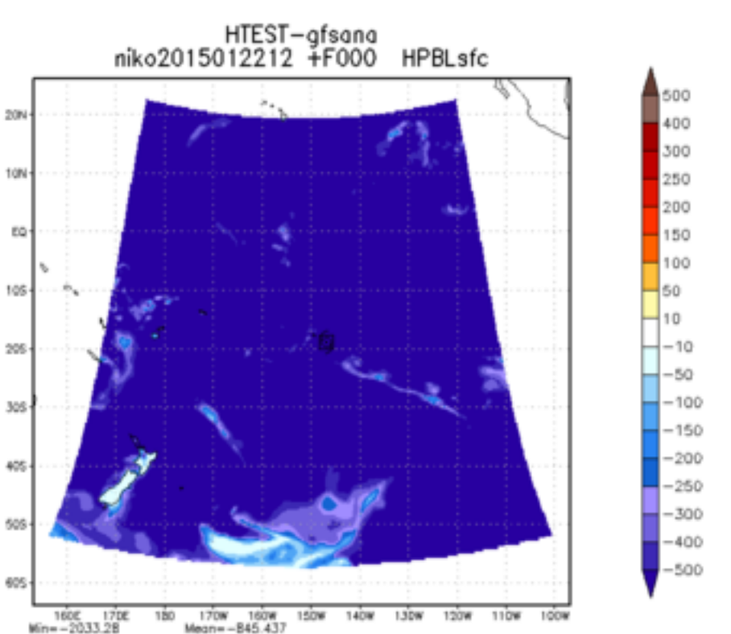
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EQ
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60S
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Min=-2033.28
Max=-22
Mean=-845.437
RMS =899.495
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50
10
-10
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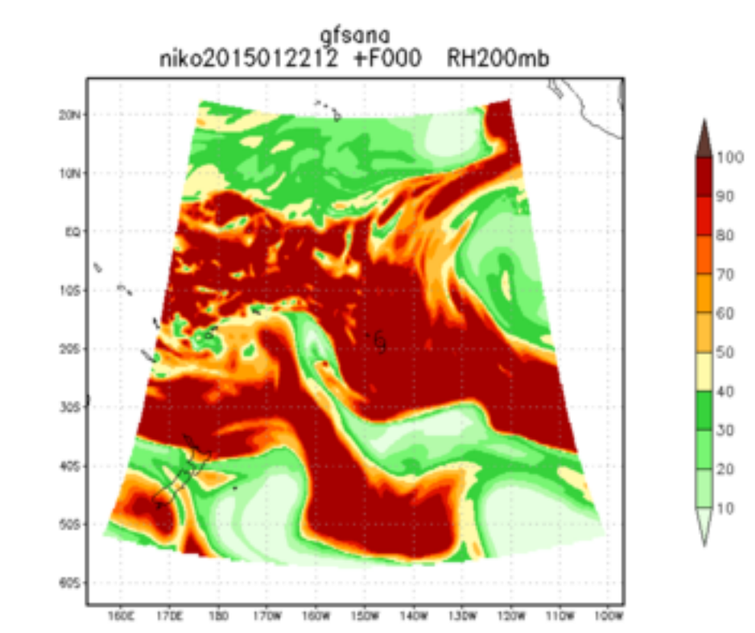
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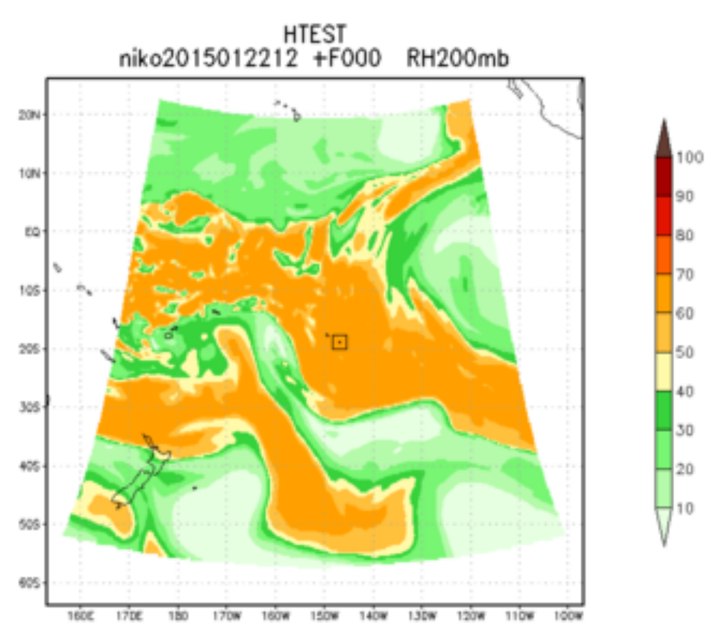
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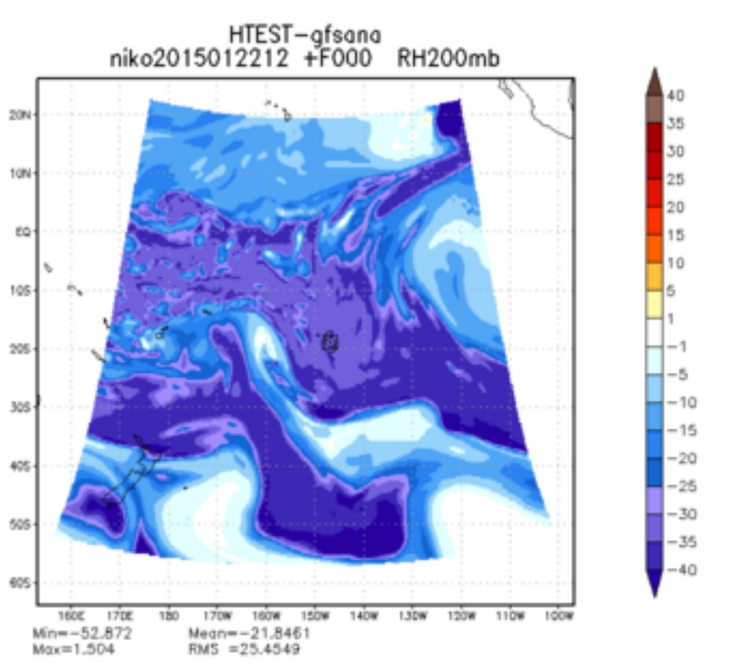
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40S
50S
60S
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40
35
30
25
20
15
10
5
1
-1
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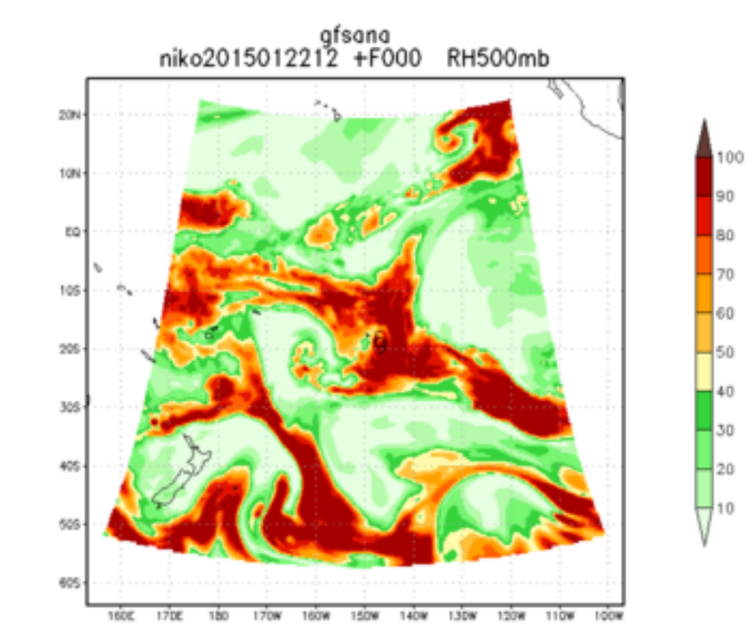
Min=-52.872 Mean=-21.8461
Max=1.504 RMS =25.4549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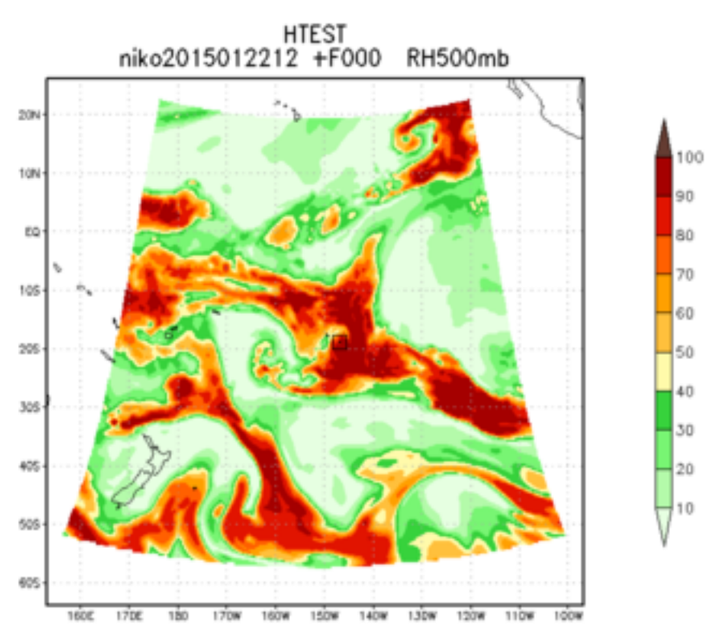
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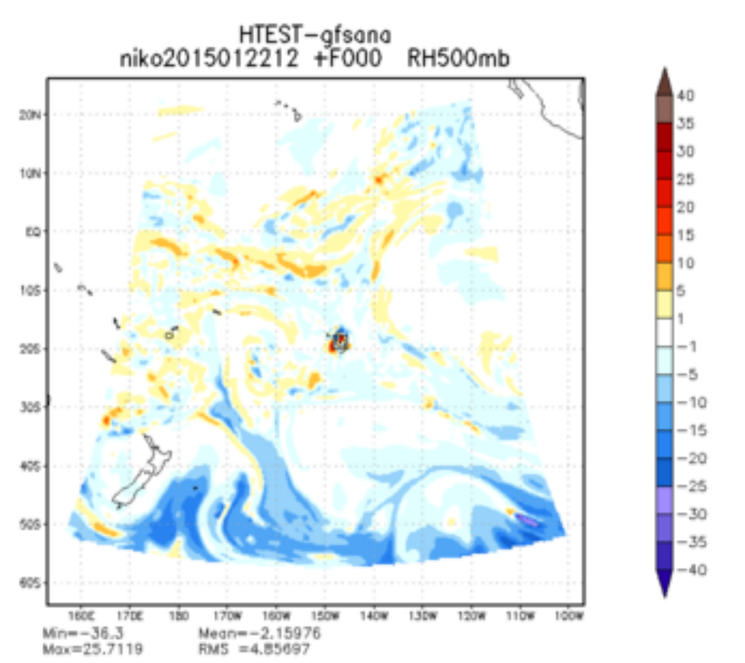
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30
25
20
15
10
5
1
−1
−5
−10
−15
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−25
−30
−35
−40
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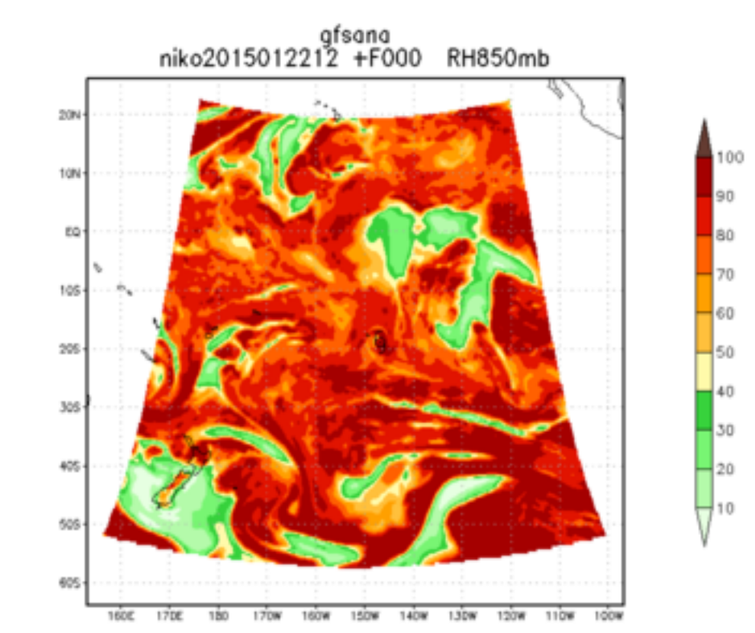
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30S
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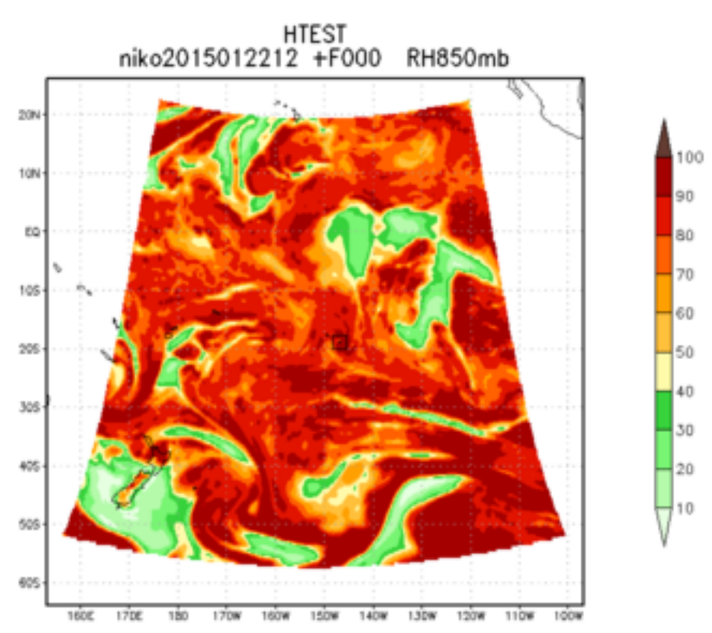
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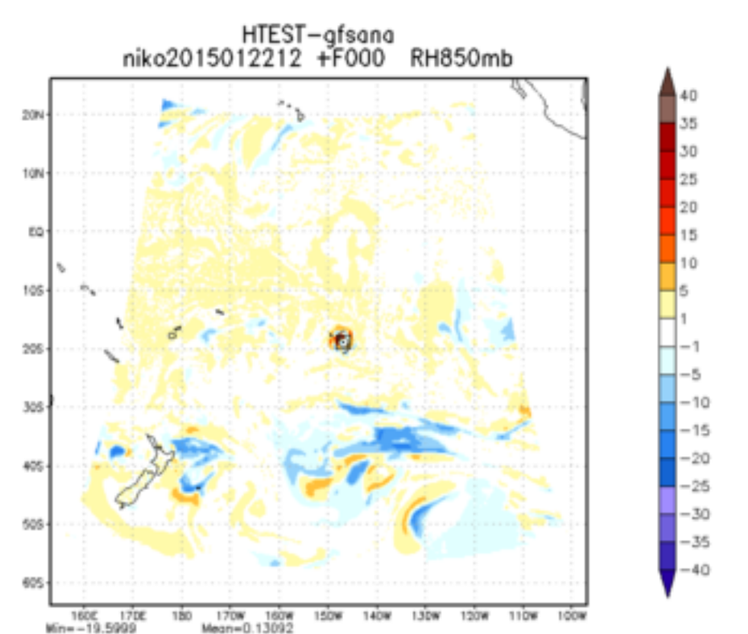
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Max=43.628 RMS =2.43178
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-15
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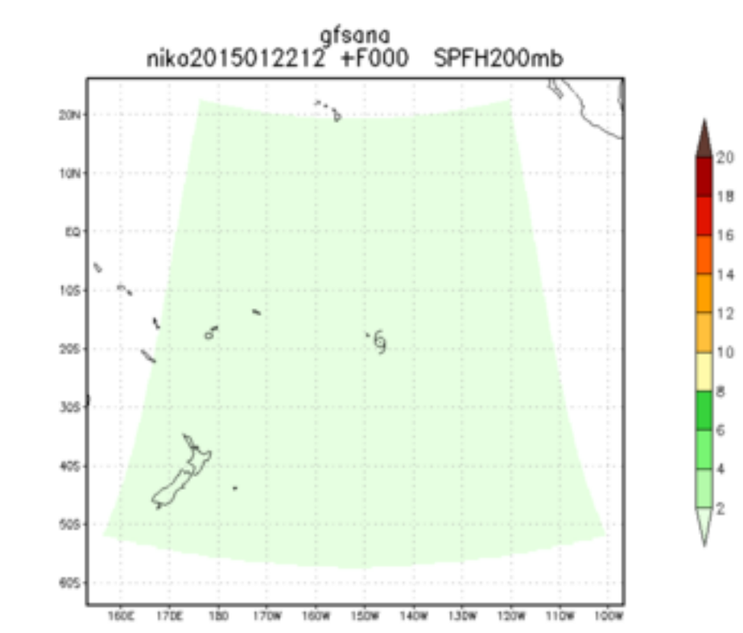
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8
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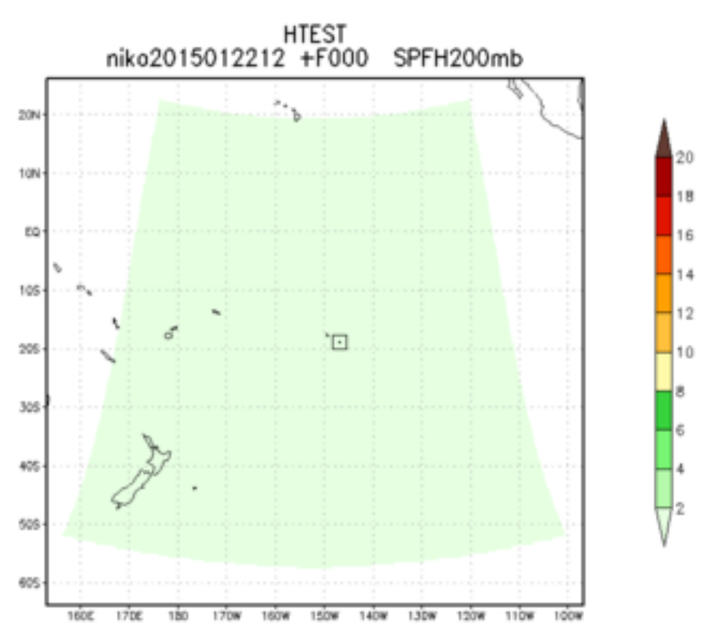
4
2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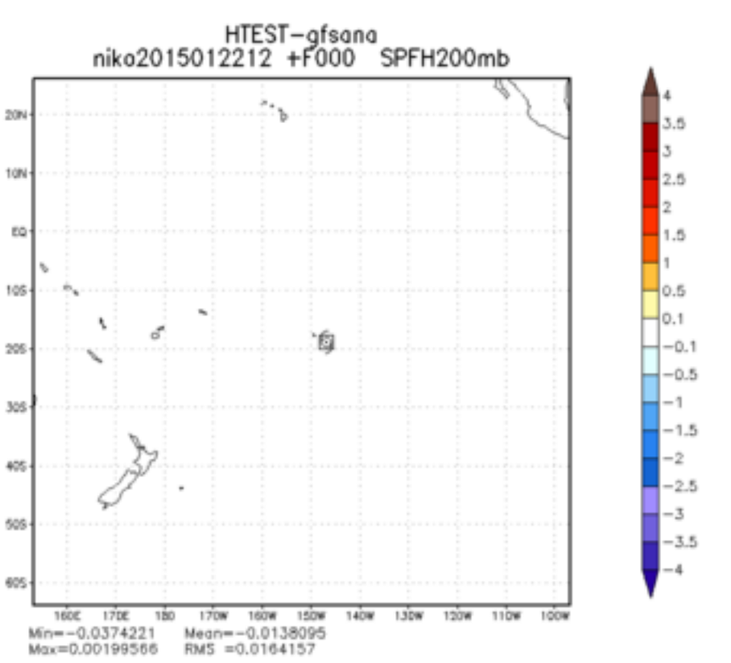
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60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
4
3.5
3
2.5
2
1.5
1
0.5
0.1
-0.1
-0.5
-1
-1.5
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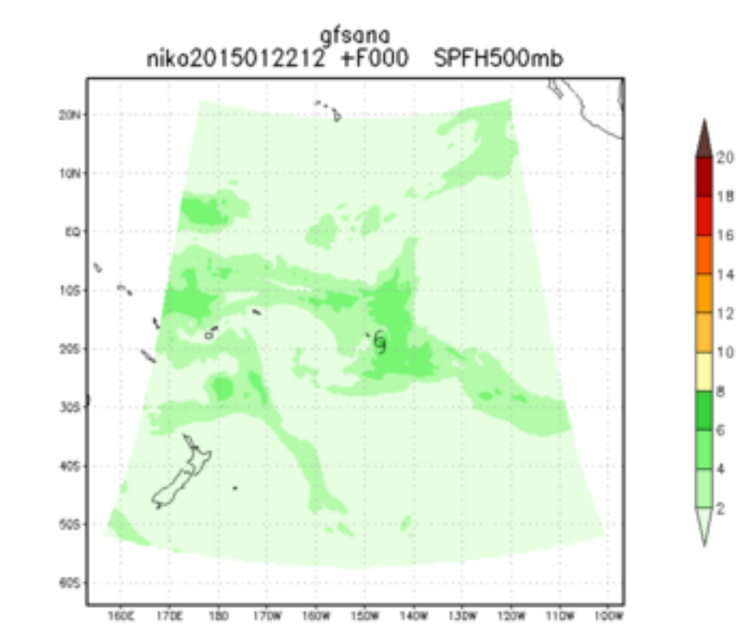
-3
-3.5
-4
Min=-0.0374221 Mean=-0.0138095
Max=0.00199566 RMS =0.0164157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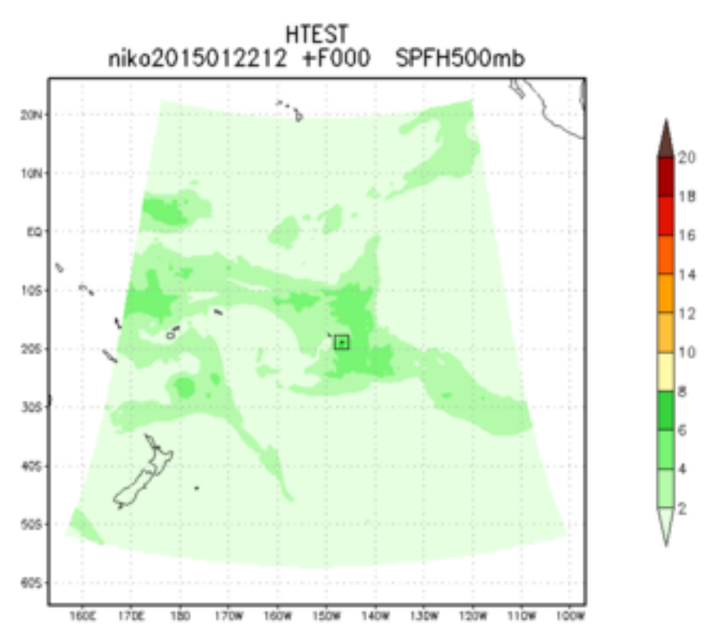
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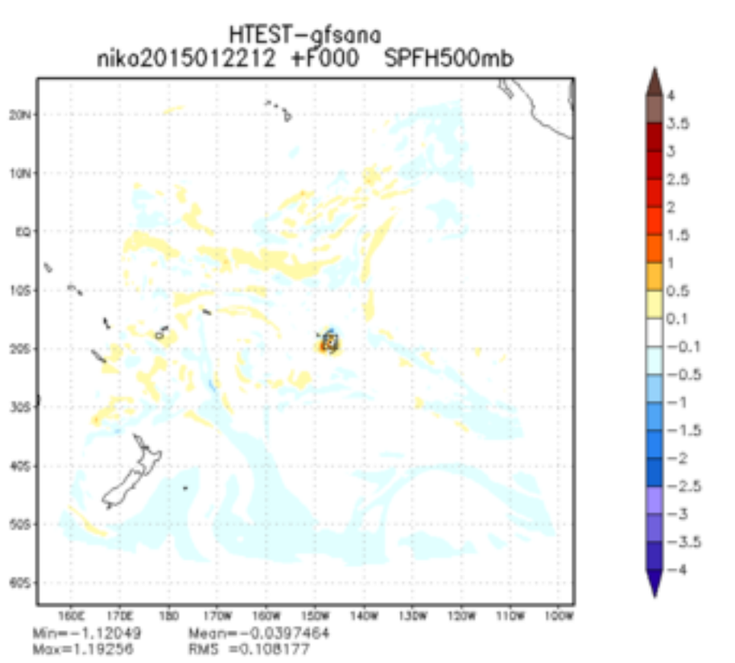
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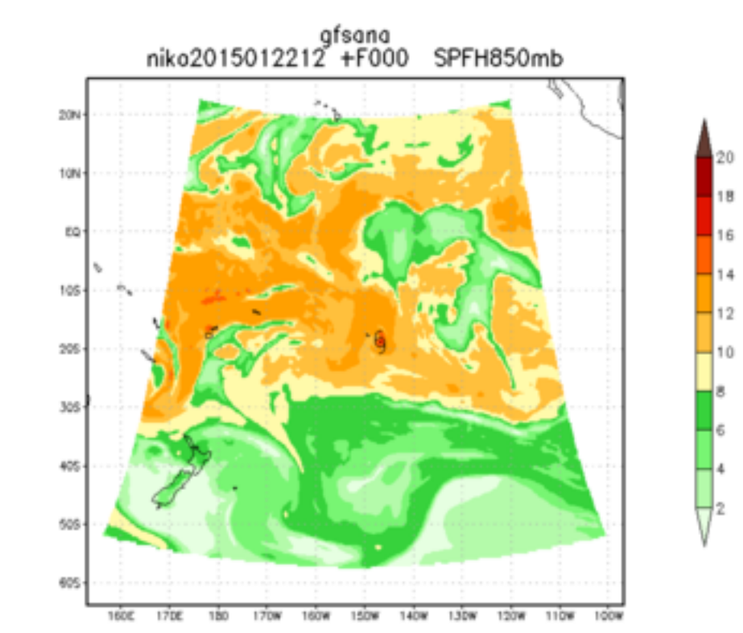
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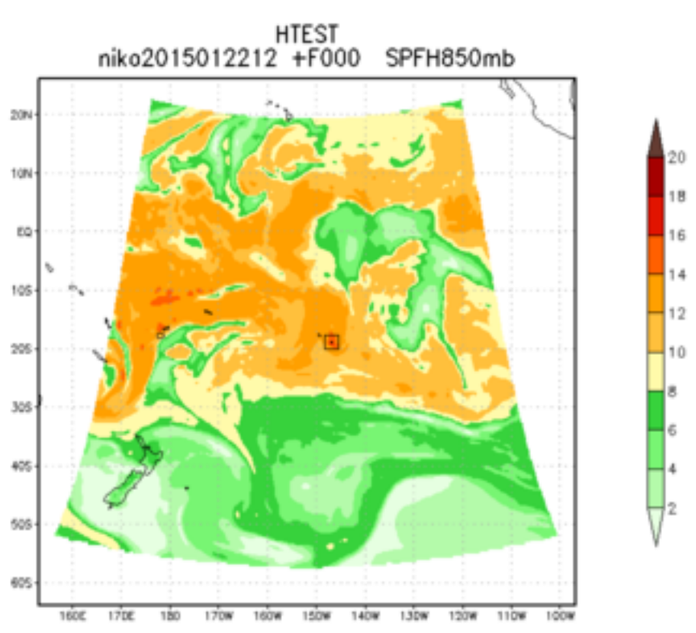
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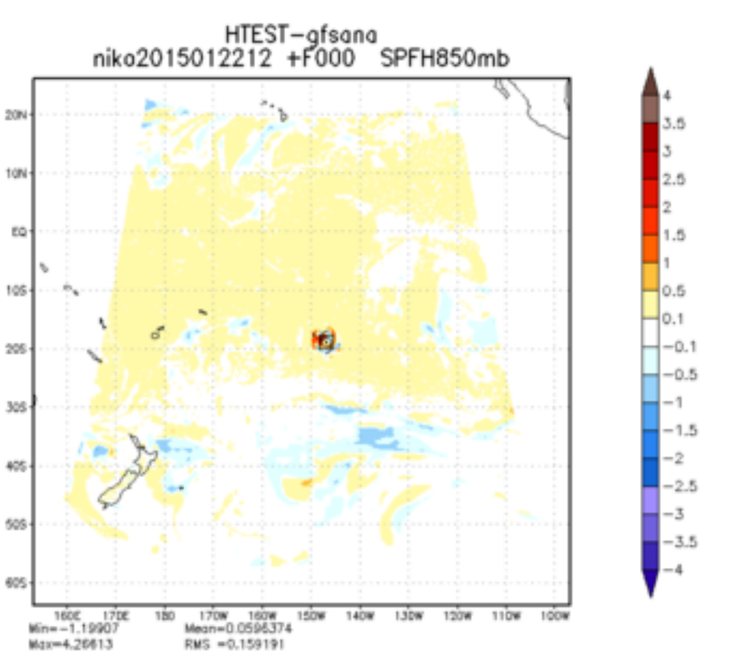
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60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
Min=-1.19907 Mean=0.0596374
Max=4.26613 RMS =0.159191
4
3.5
3
2.5
2
1.5
1
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-0.5
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-2
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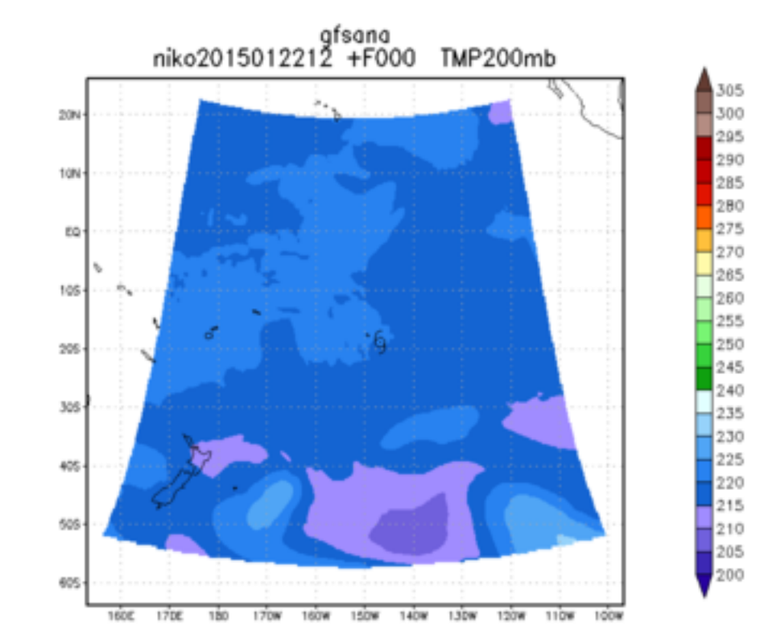
-3.5
-4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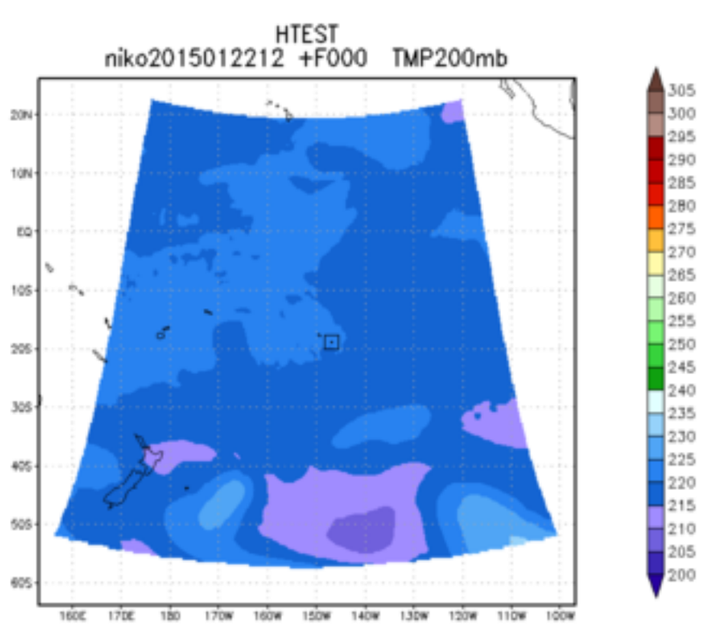
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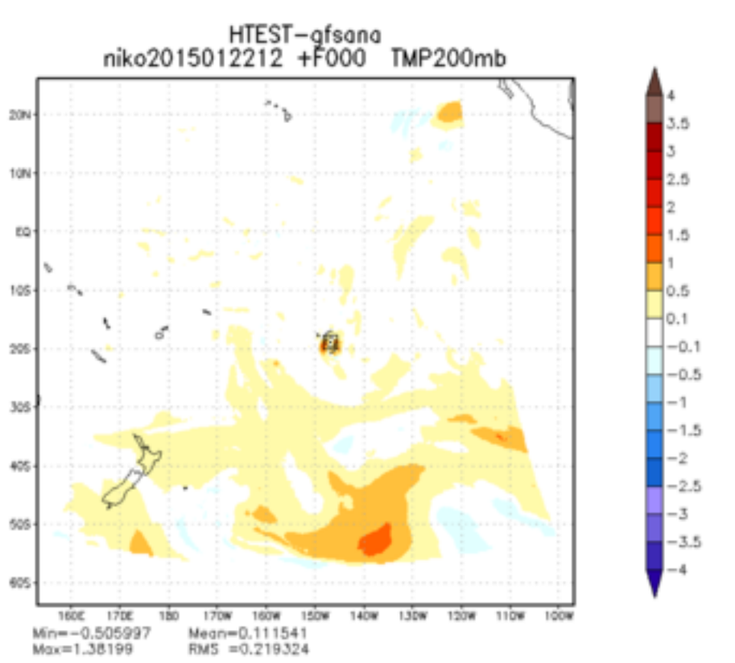
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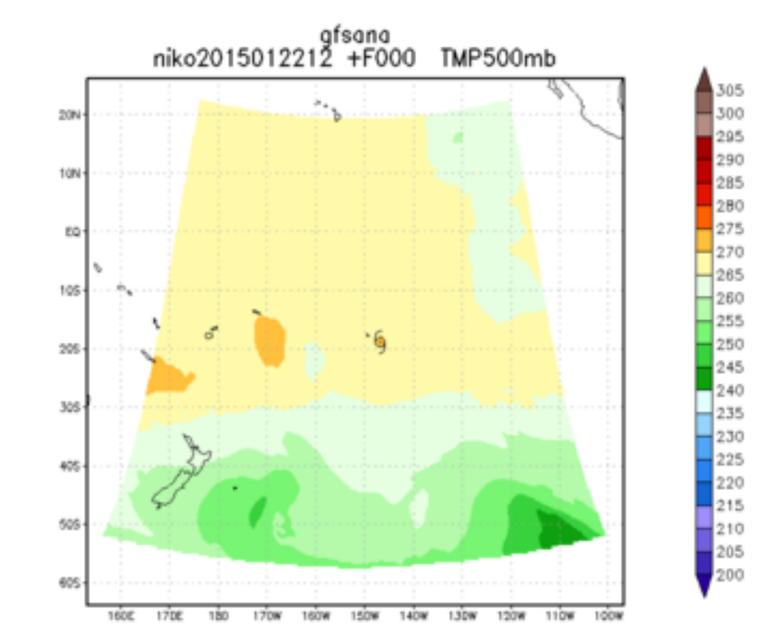
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EQ
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20S
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40S
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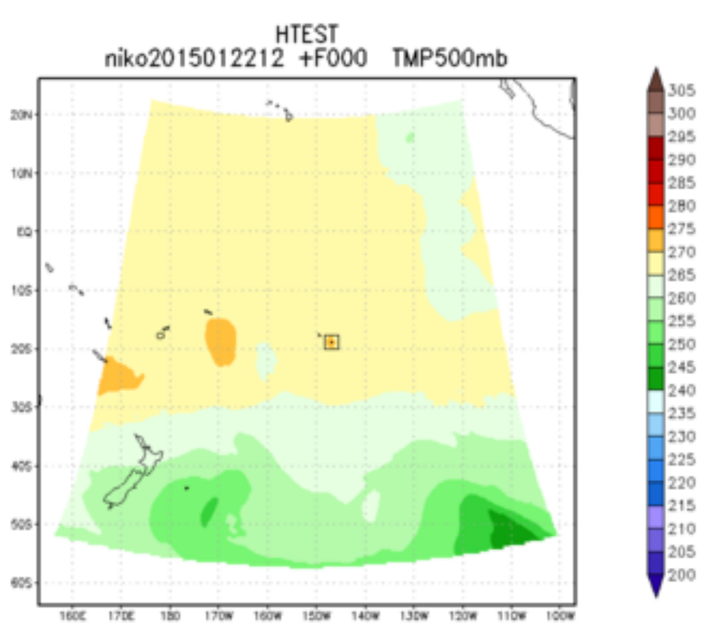
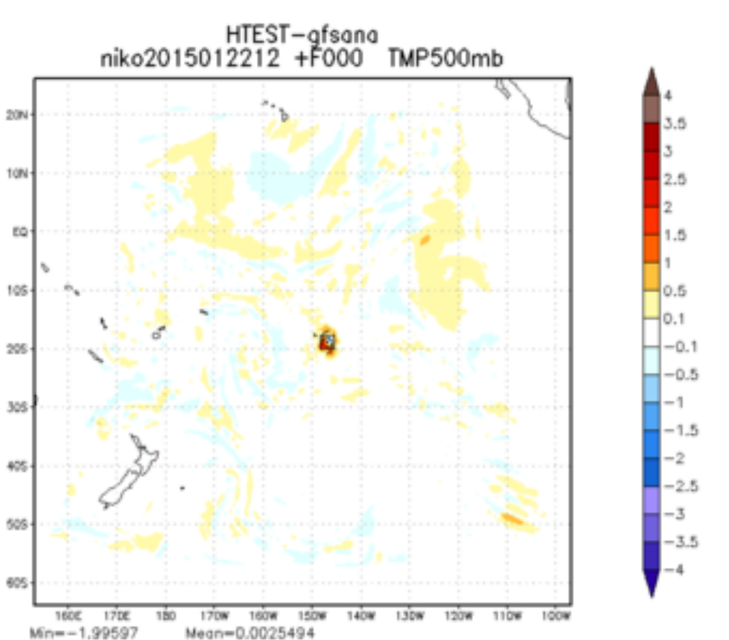
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
305 300 295 290 285 280 275 270 265 260 255 250 245 240 235 230 225 220 215 210 205 200


HTEST
niko2015012212 +F000 TMP500mb
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
305 300 295 290 285 280 275 270 265 260 255 250 245 240 235 230 225 220 215 210 205 200


HTEST-gfsana
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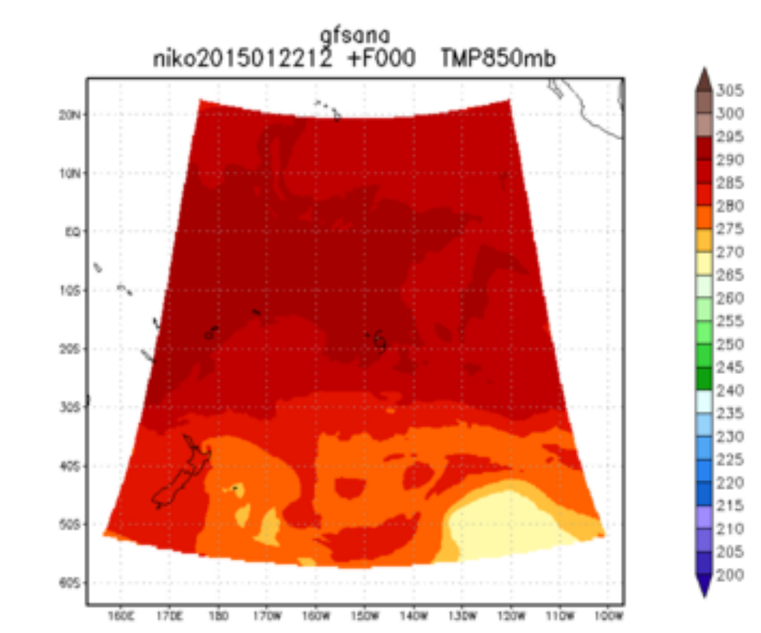
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
4 3.5 3 2.5 2 1.5 1 0.5 0.1 -0.1 -0.5 -1 -1.5 -2 -2.5 -3 -3.5 -4
Min=-1.99597 Mean=0.0025494
Max=2.14798 RMS =0.105308


gfsana
niko2015012212 +F000 TMP850mb
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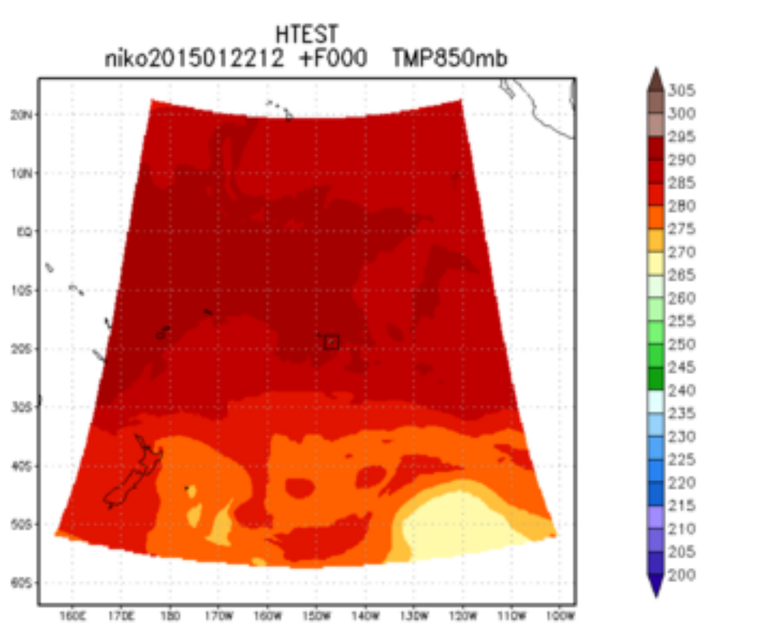
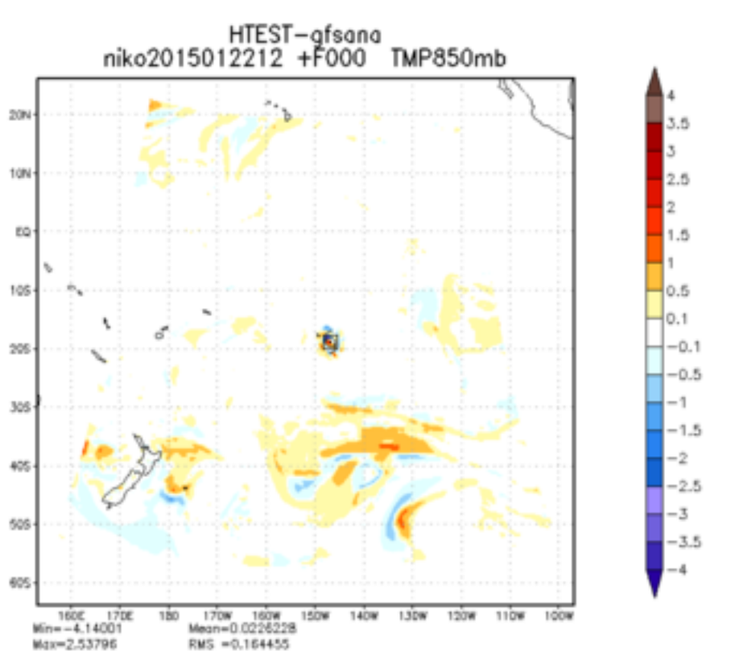
300
295
290
285
280
275
270
265
260
255
250
245
240
235
230
225
220
215
210
205
200
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E
170E
180
170W
160W
150W
140W
130W
120W
110W
100W


HTEST
niko2015012212 +F000 TMP850mb
305
300
295
290
285
280
275
270
265
260
255
250
245
240
235
230
225
220
215
210
205
200
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E
170E
180
170W
160W
150W
140W
130W
120W
110W
100W


HTEST-gfsana
niko2015012212 +F000 TMP850mb
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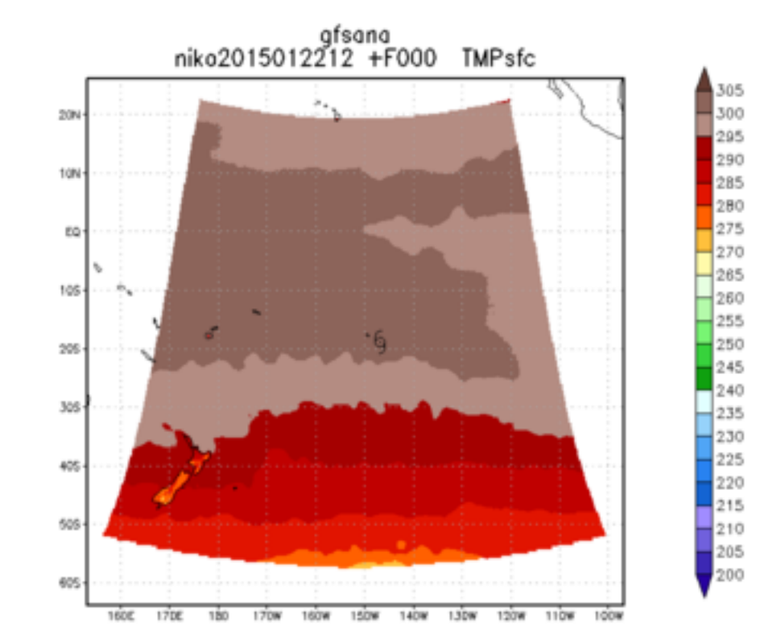
3.5
3
2.5
2
1.5
1
0.5
0.1
-0.1
-0.5
-1
-1.5
-2
-2.5
-3
-3.5
-4
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E
170E
180
170W
160W
150W
140W
130W
120W
110W
100W
Min=-4.14001
Max=2.53796
Mean=0.0226228
RMS =0.164455


gfsana
niko2015012212 +F000 TMPsfc
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
305
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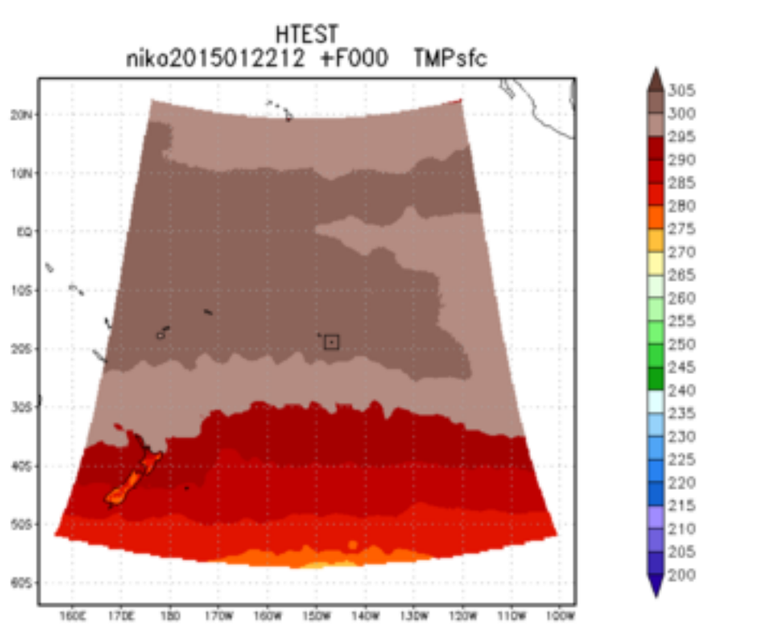
225
220
215
210
205
200


HTEST
niko2015012212 +F000 TMPsfc
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
305
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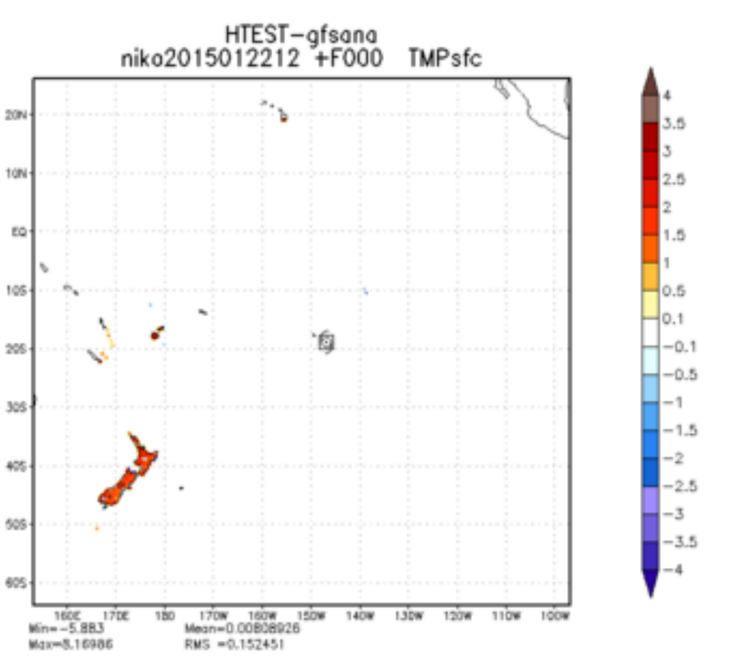
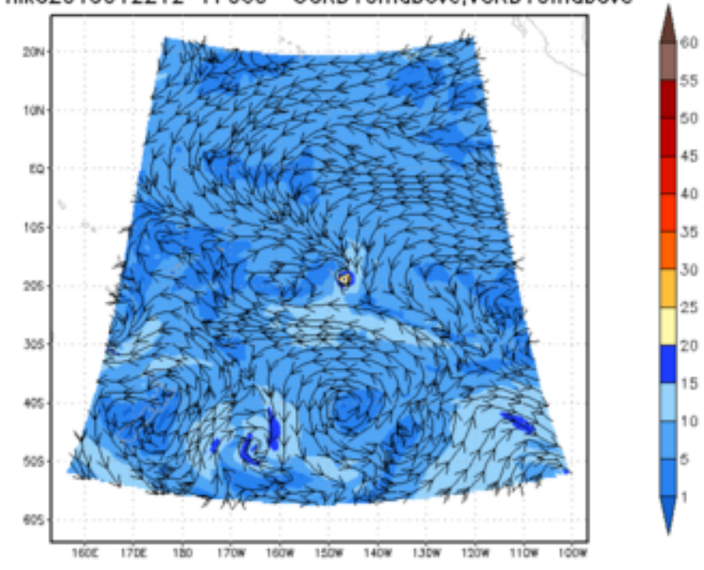
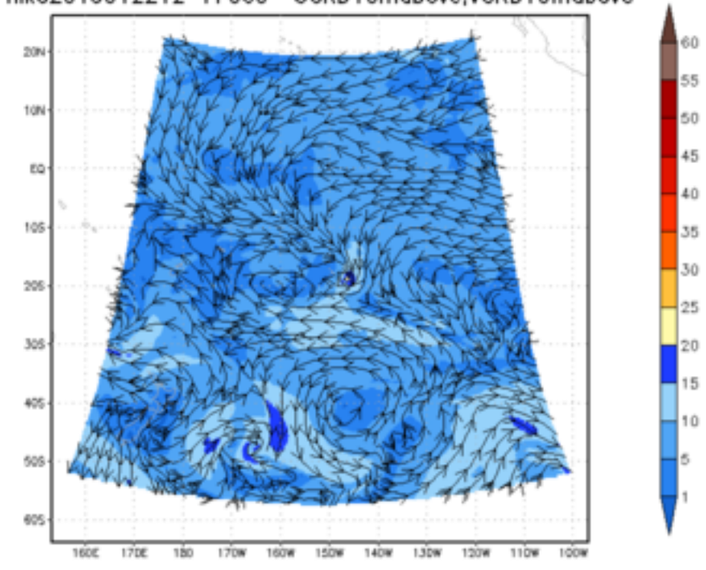
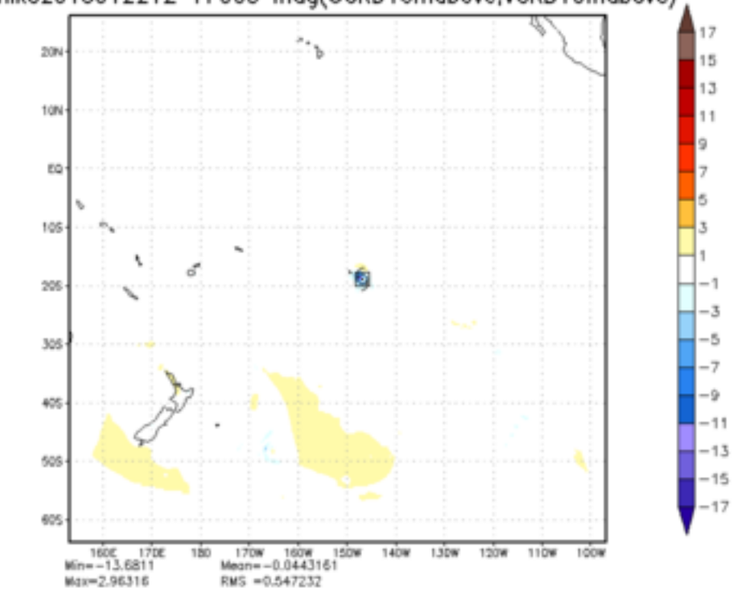
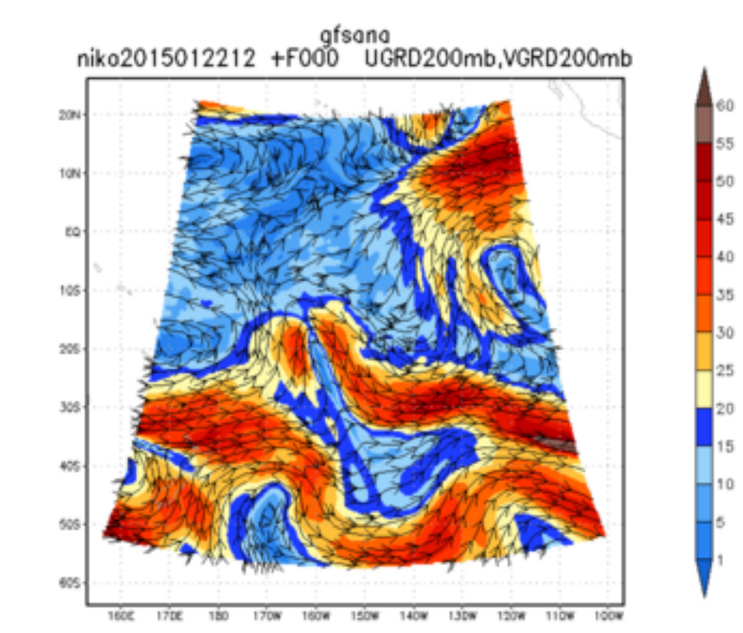
210
205
200

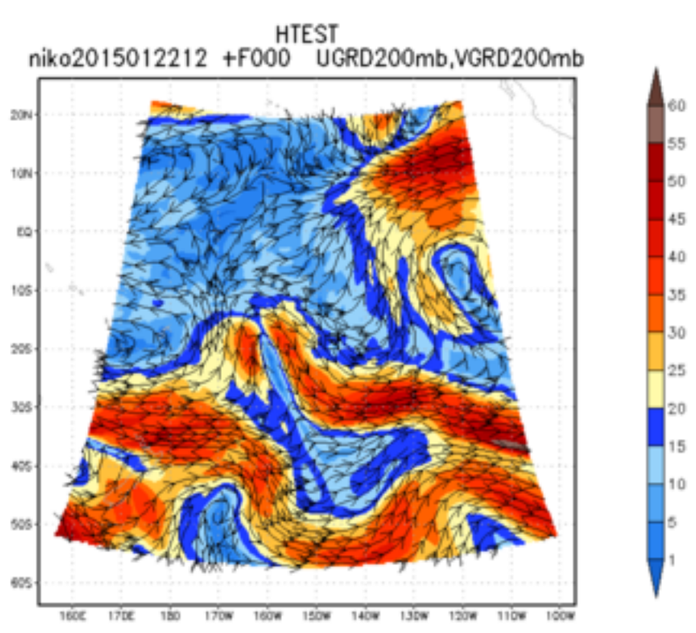

HTEST−gfsana
niko2015012212 +F000 TMPsfc
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
Min=−5.883
Max=5.16986
Mean=0.0080926
RMS =0.152451
4
3.5
3
2.5
2
1.5
1
0.5
0.1
−0.1
−0.5
−1
−1.5
−2
−2.5
−3
−3.5
−4

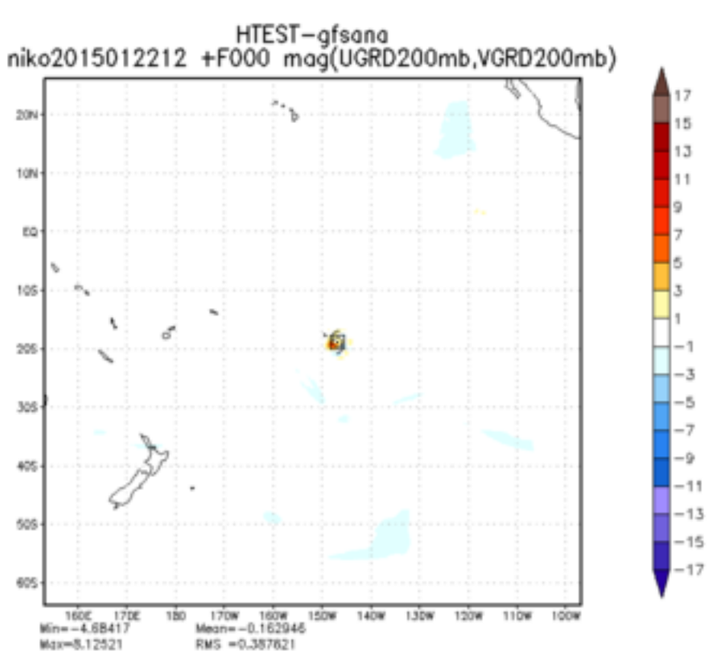

gfsana
niko2015012212 +F000 UGRD10mabove,VGRD10mabove
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
60
55
50
45
40
35
30
25
20
15
10
5
1

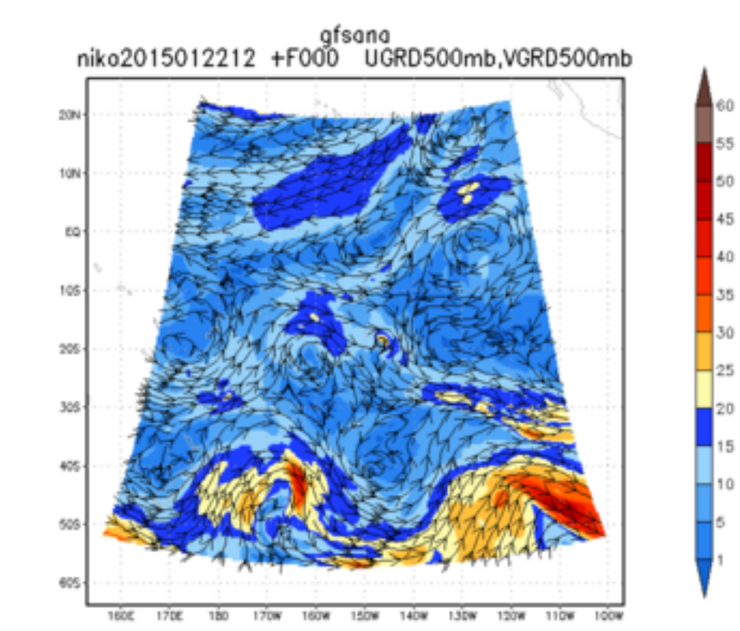

HTEST
niko2015012212 +F000 UGRD10mabove,VGRD10mabove
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
60
55
50
45
40
35
30
25
20
15
10
5
1

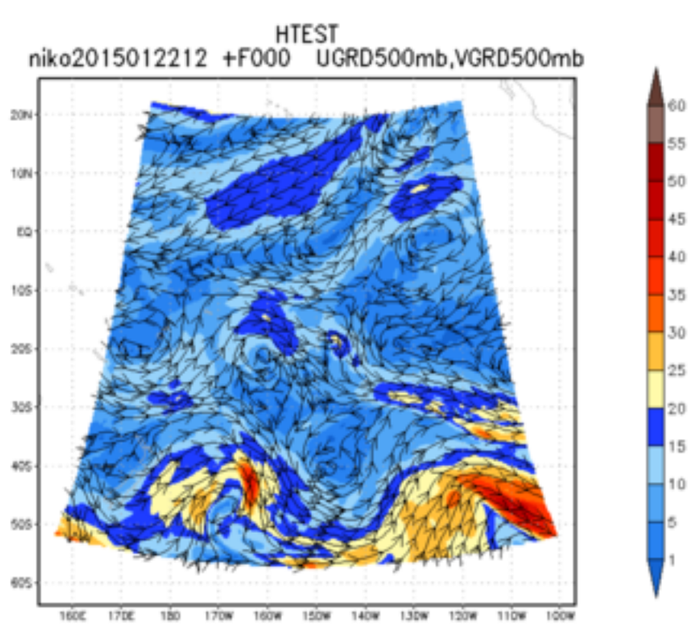

HTEST−gfsana
niko2015012212 +F000 mag(UGRD10mabove,VGRD10mabove)
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
Min=−13.6811 Mean=−0.0443161
Max=2.96316 RMS =0.547232
17
15
13
11
9
7
5
3
1
−1
−3
−5
−7
−9
−11
−13
−15
−17


gfsana
niko2015012212 +F000 UGRD200mb,VGRD200mb
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
60
55
50
45
40
35
30
25
20
15
10
5
1


HTEST
niko2015012212 +F000 UGRD200mb,VGRD200mb
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
60
55
50
45
40
35
30
25
20
15
10
5
1


HTEST−gfsana
niko2015012212 +F000 mag(UGRD200mb,VGRD200mb)
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
Min=−4.68417 Mean=−0.162946
Max=5.12521 RMS =0.387621
17
15
13
11
9
7
5
3
1
−1
−3
−5
−7
−9
−11
−13
−15
−17


gfsana
niko2015012212 +F000 UGRD500mb,VGRD500mb
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
60 55 50 45 40 35 30 25 20 15 10 5 1


HTEST
niko2015012212 +F000 UGRD500mb,VGRD500mb
20N
10N
EQ
10S
20S
30S
40S
50S
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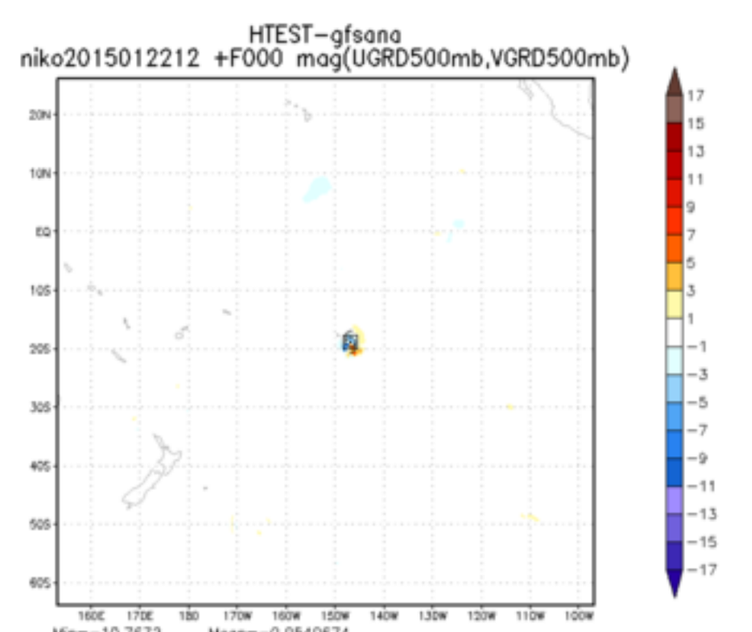
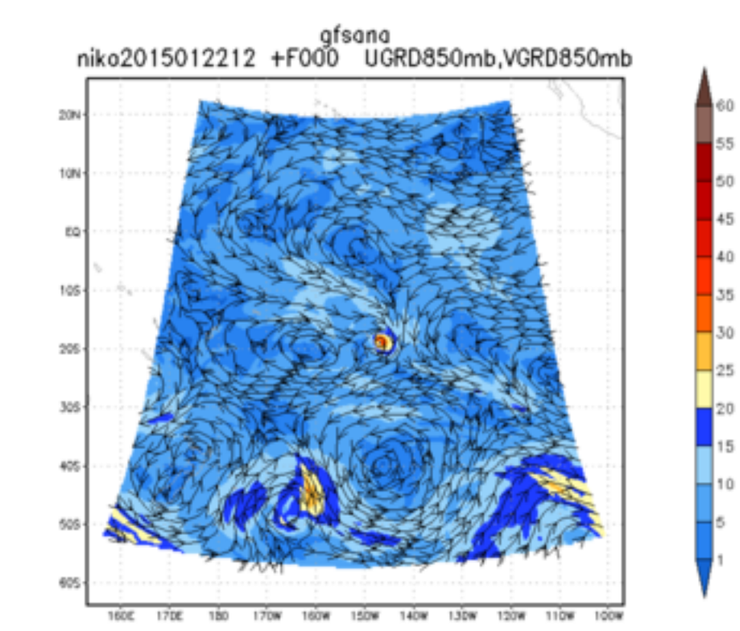
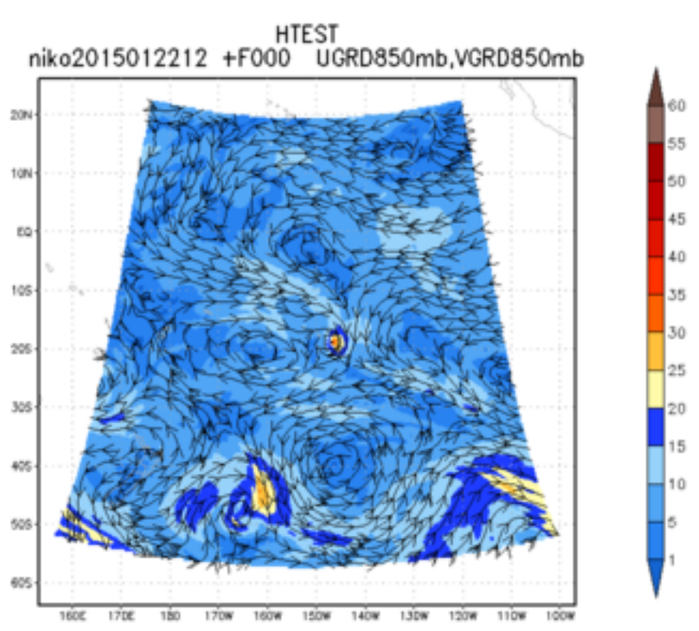
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
60 55 50 45 40 35 30 25 20 15 10 5 1


HTEST-gfsana
niko2015012212 +F000 mag(UGRD500mb,VGRD500mb)
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
17 15 13 11 9 7 5 3 1 -1 -3 -5 -7 -9 -11 -13 -15 -17
Min=-10.7672 Mean=-0.0540674
Max=9.57266 RMS =0.314966


gfsana
niko2015012212 +F000 UGRD850mb,VGRD850mb
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
60
55
50
45
40
35
30
25
20
15
10
5
1


HTEST
niko2015012212 +F000 UGRD850mb,VGRD850mb
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
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45
40
35
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25
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15
10
5
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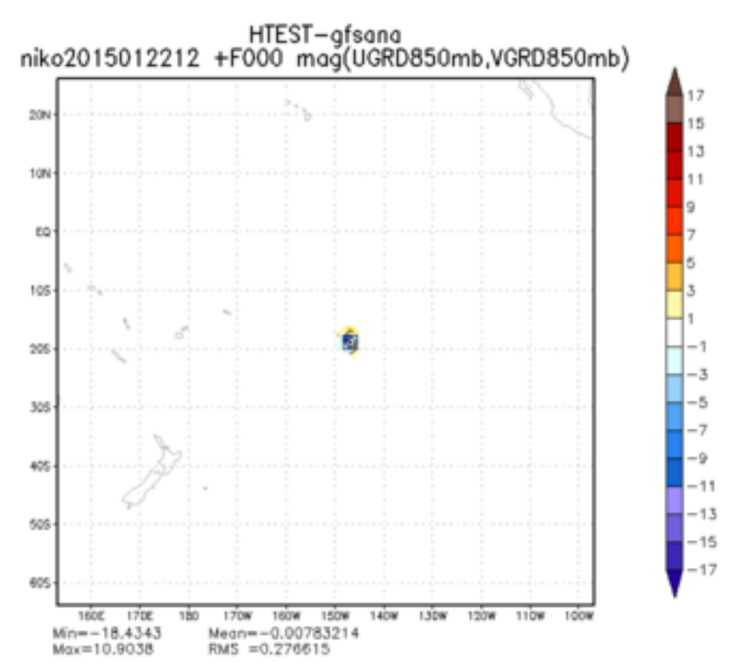
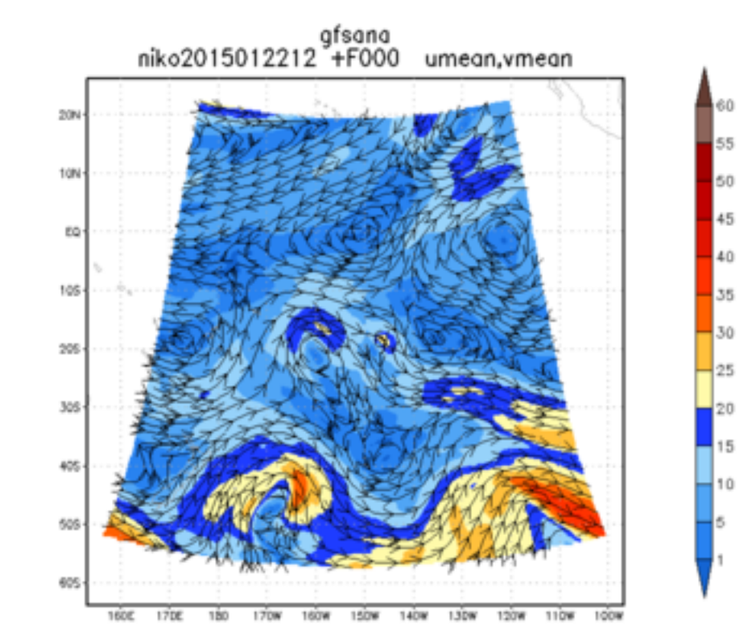
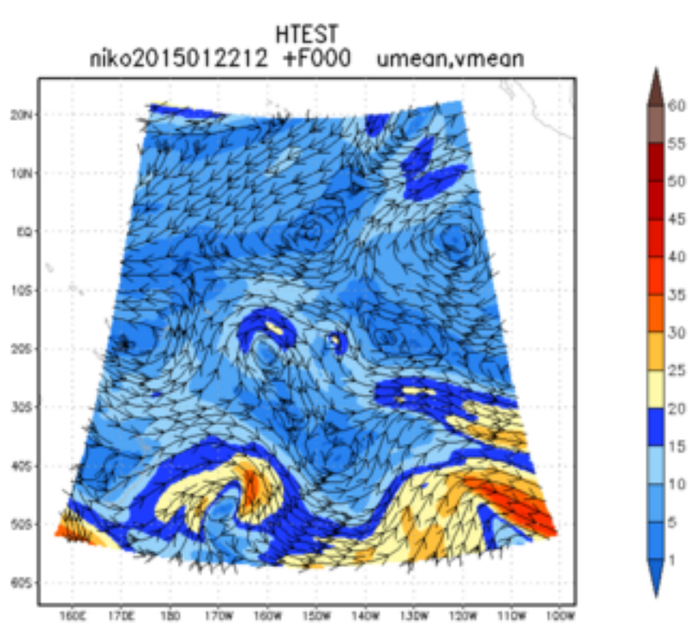

HTEST-gfsana
niko2015012212 +F000 mag(UGRD850mb,VGRD850mb)
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
17
15
13
11
9
7
5
3
1
-1
-3
-5
-7
-9
-11
-13
-15
-17
Min=-18.4343 Mean=-0.00783214
Max=10.9038 RMS =0.276615


gfsana
niko2015012212 +F000 umean,vmean
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
60
55
50
45
40
35
30
25
20
15
10
5
1


HTEST
niko2015012212 +F000 umean,vmean
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
60
55
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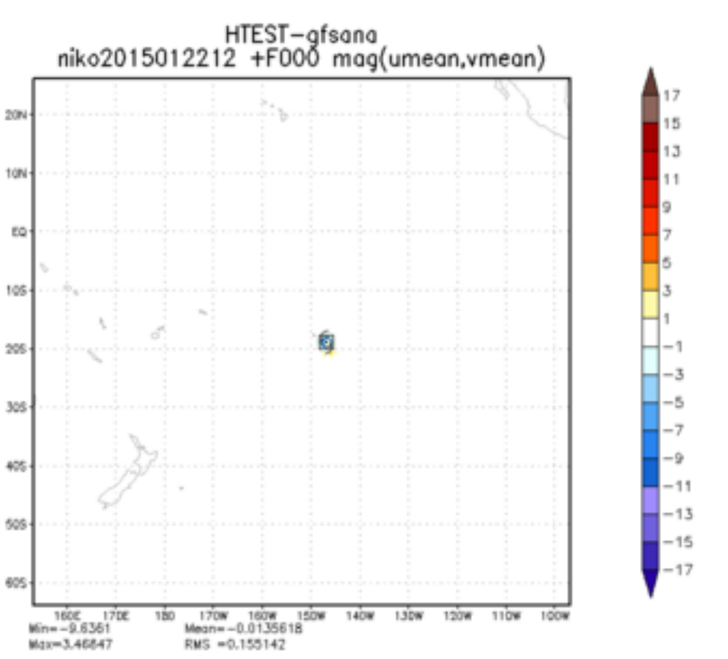
45
40
35
30
25
20
15
10
5
1


HTEST−gfsana
niko2015012212 +F000 mag(umean,vmean)
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
Min=−0.6361 Mean=−0.0135618
Max=3.46847 RMS =0.155142
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15
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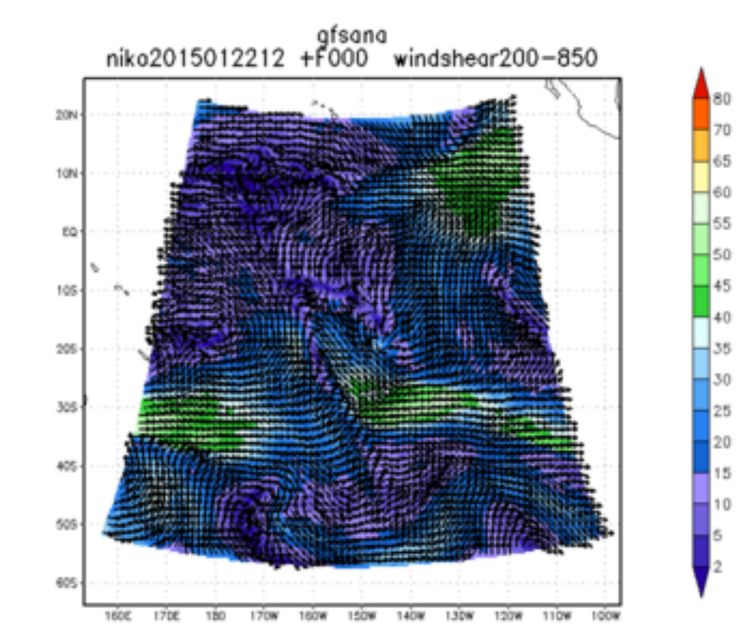
11
9
7
5
3
1
−1
−3
−5
−7
−9
−11
−13
−15
−17


gfsana
niko2015012212 +F000 windshear200-850
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
80
70
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55
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35
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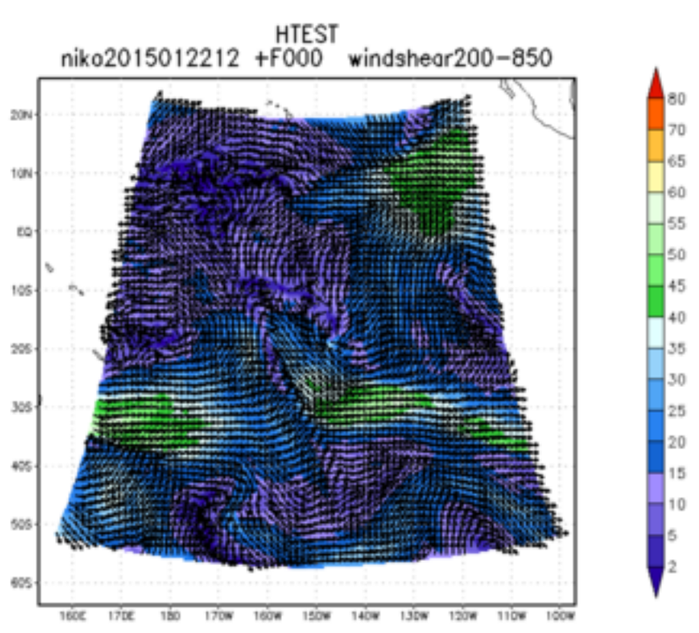
25
20
15
10
5
2


HTEST
niko2015012212 +F000 windshear200-850
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
80
70
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55
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35
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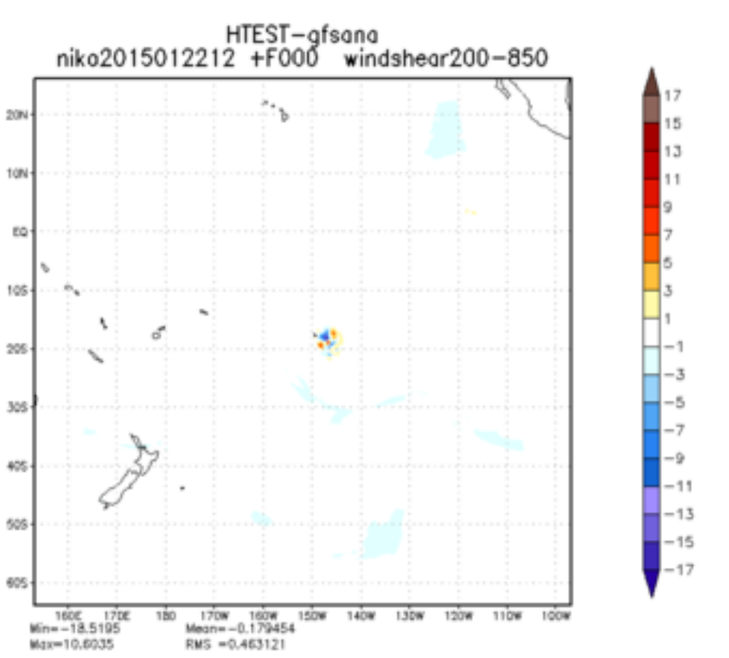
15
10
5
2


HTEST-gfsana
niko2015012212 +F000 windshear200-850
20N
10N
EQ
10S
20S
30S
40S
50S
60S
160E 170E 180 170W 160W 150W 140W 130W 120W 110W 100W
Min=-18.5195 Mean=-0.179454
Max=10.6035 RMS =0.463121
17
15
13
11
9
7
5
3
1
-1
-3
-5
-7
-9
-11
-13
-15
-17