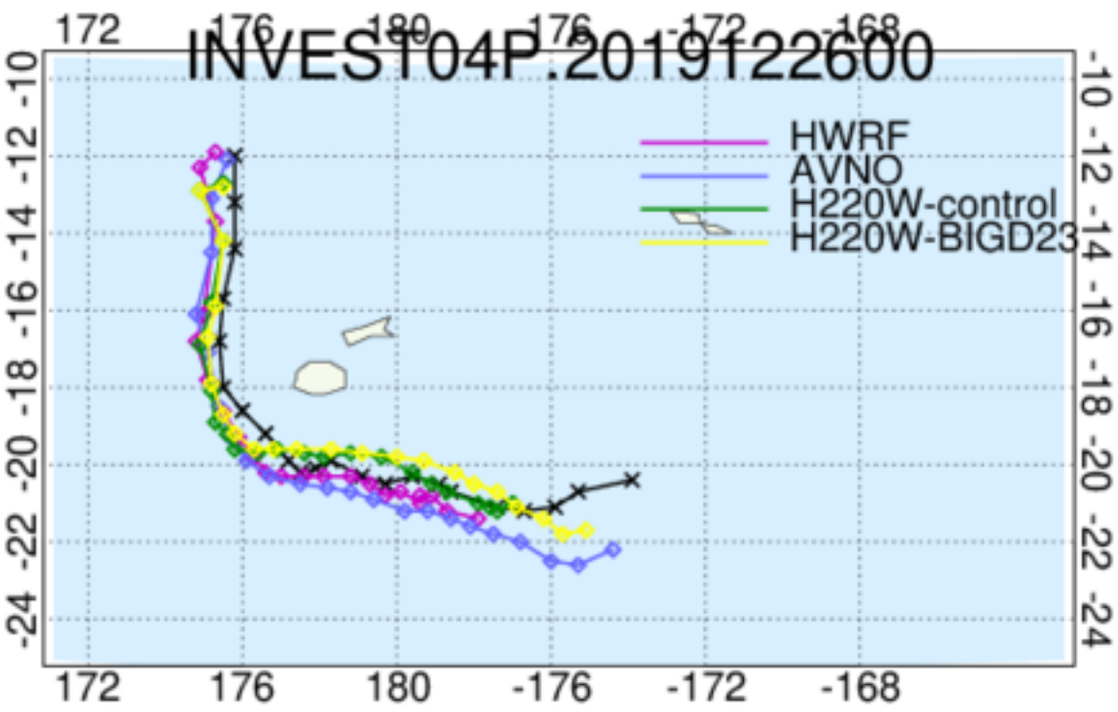
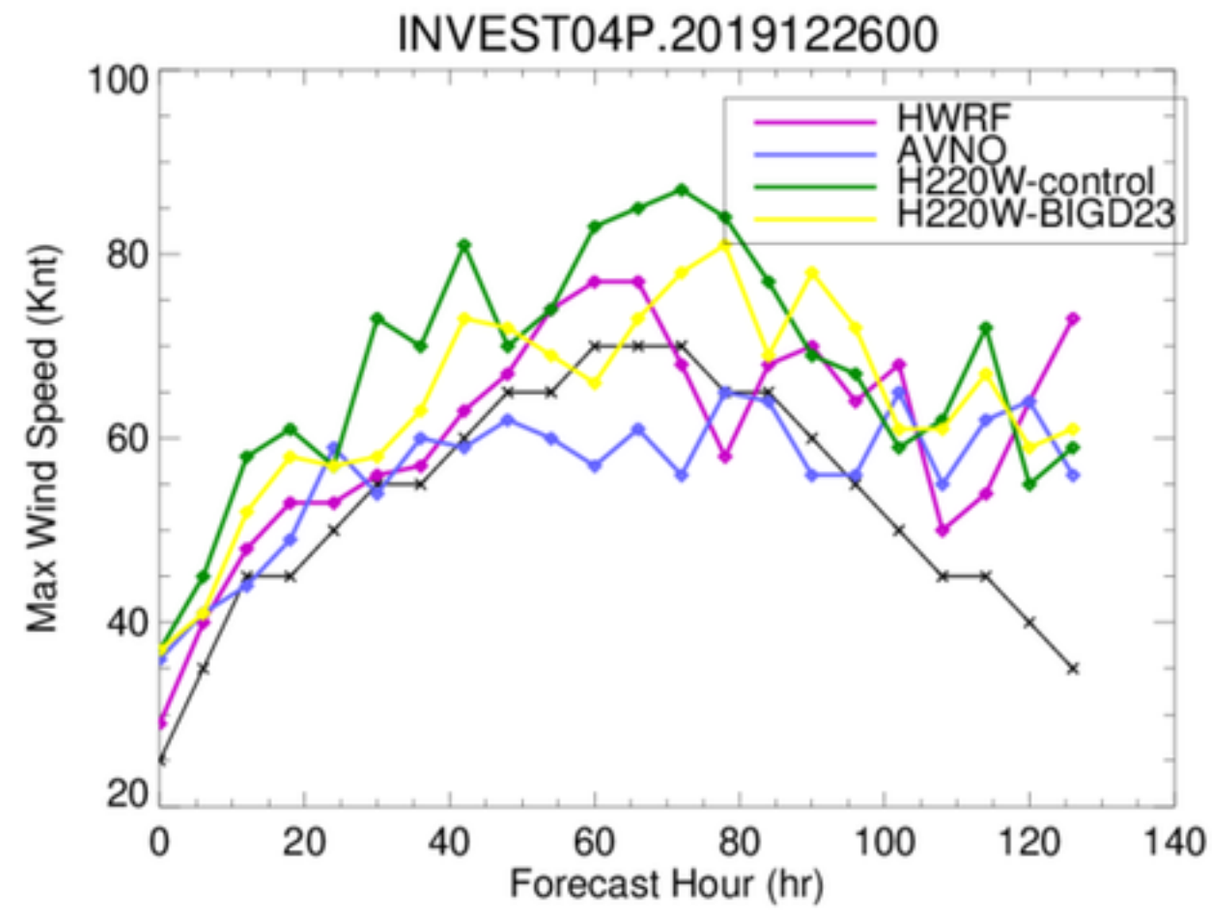
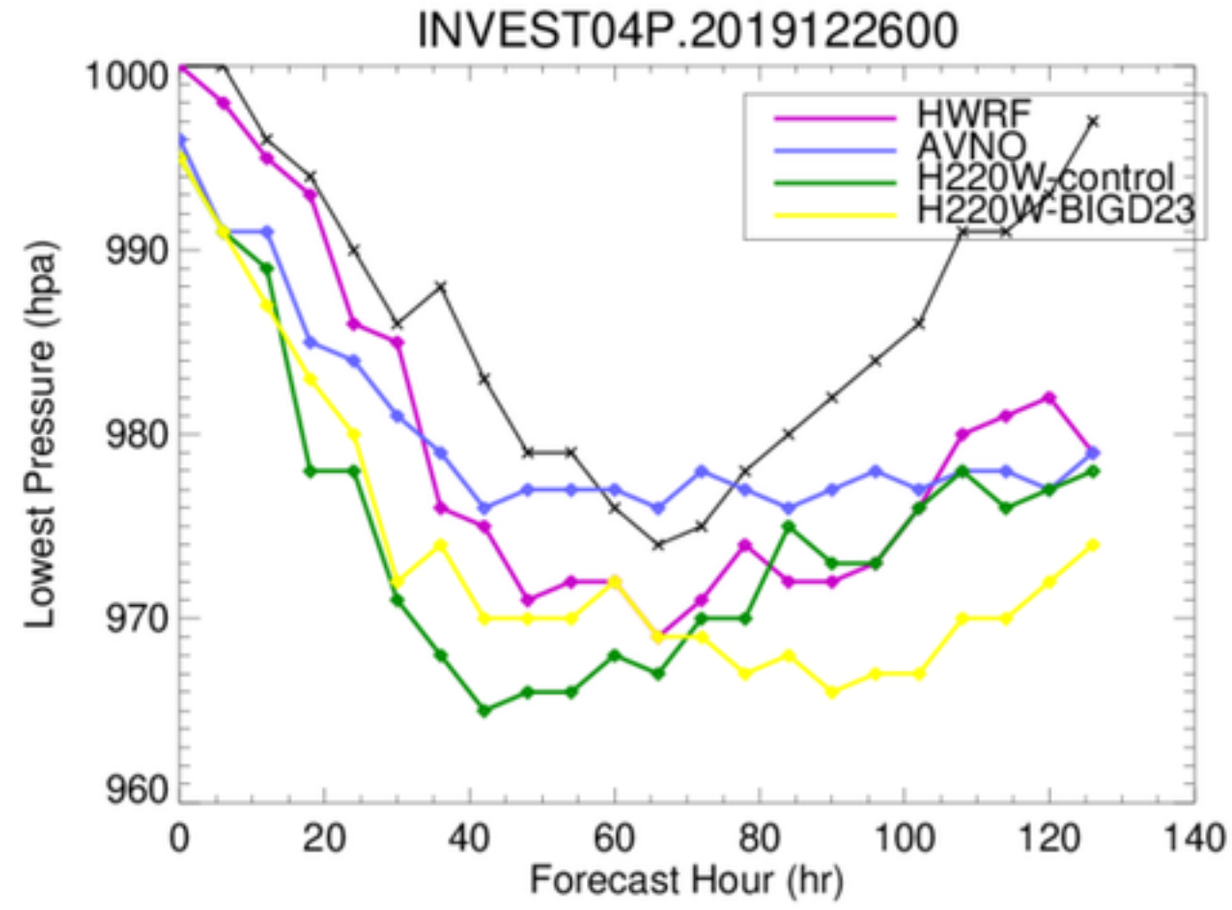
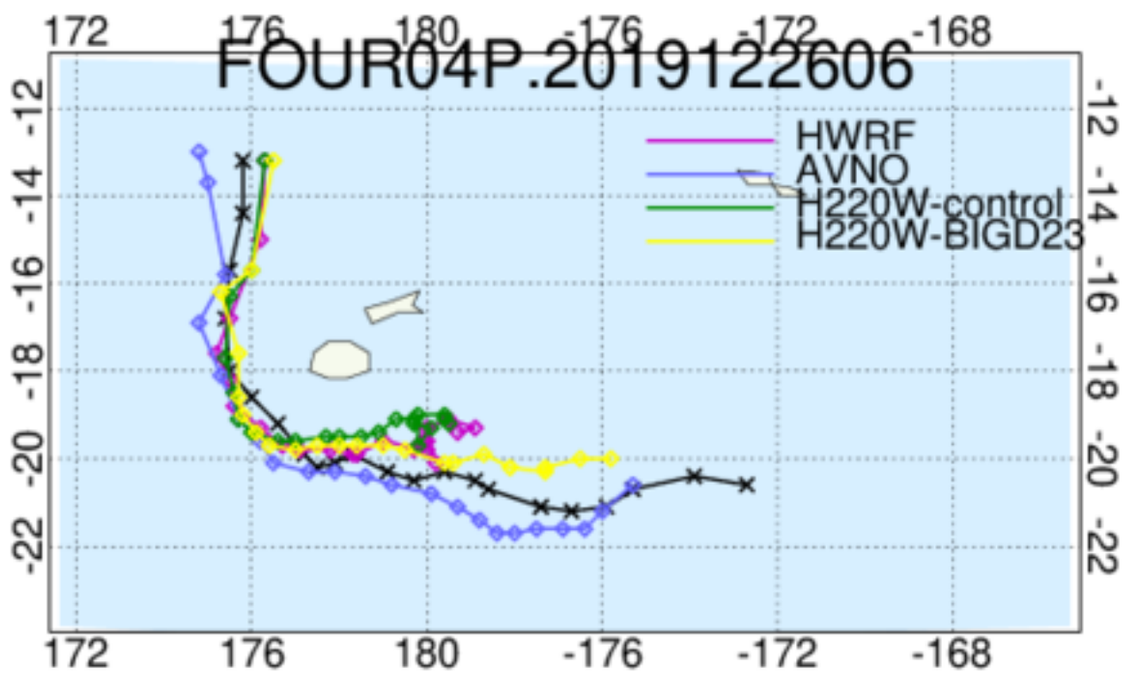
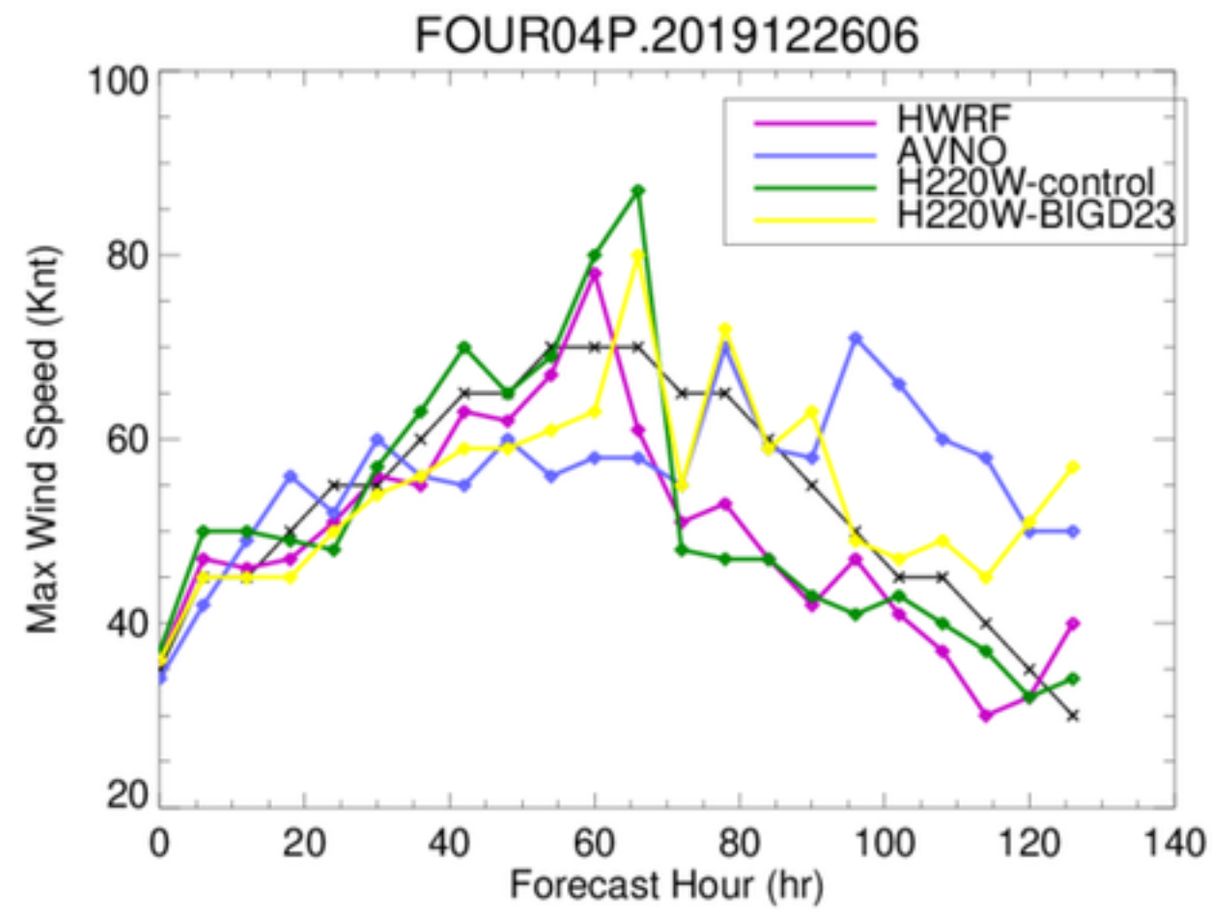
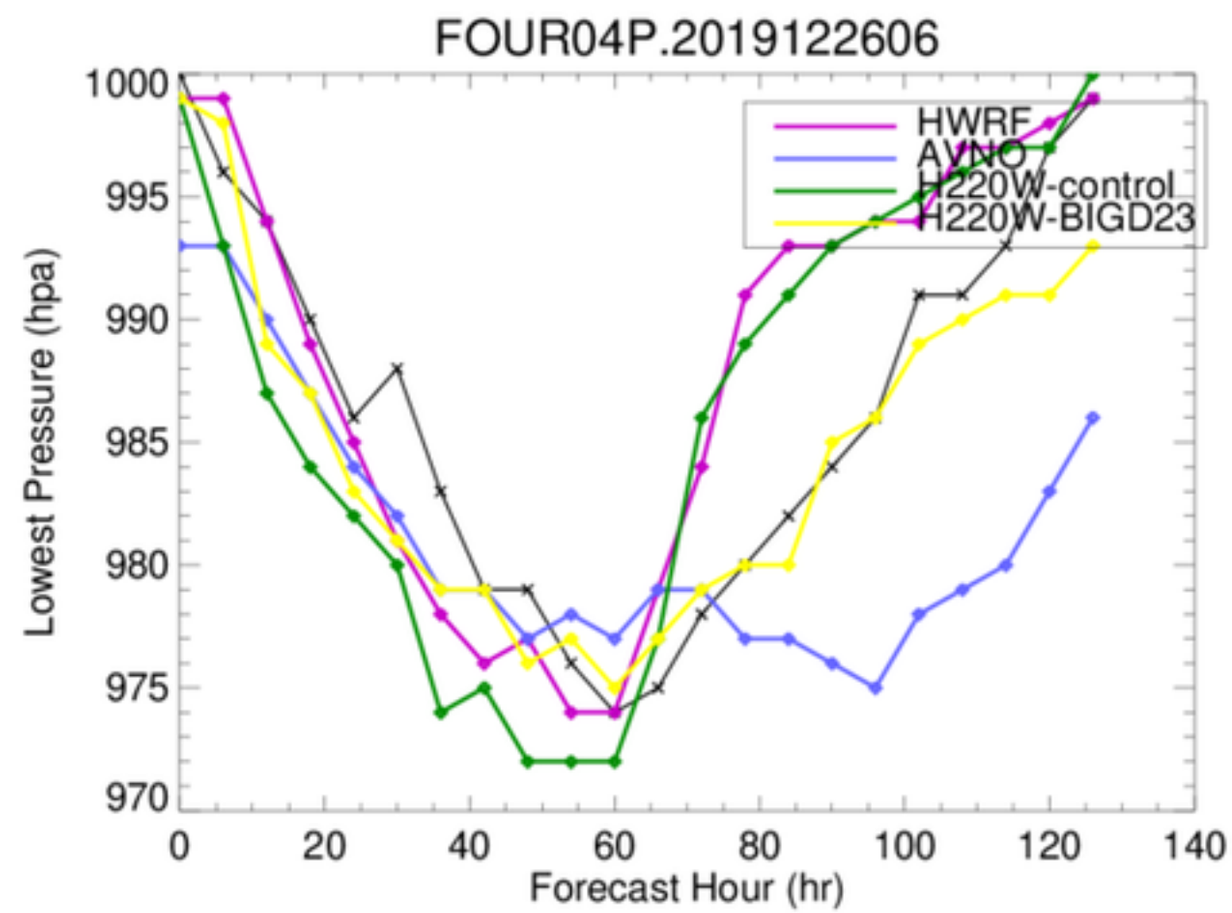

INVEST04P.2019122600
HWRF
AVNO
H220W-control
H220W-BIGD23
172
176
180
-176
-172
-168
-10
-12
-14
-16
-18
-20
-22
-24

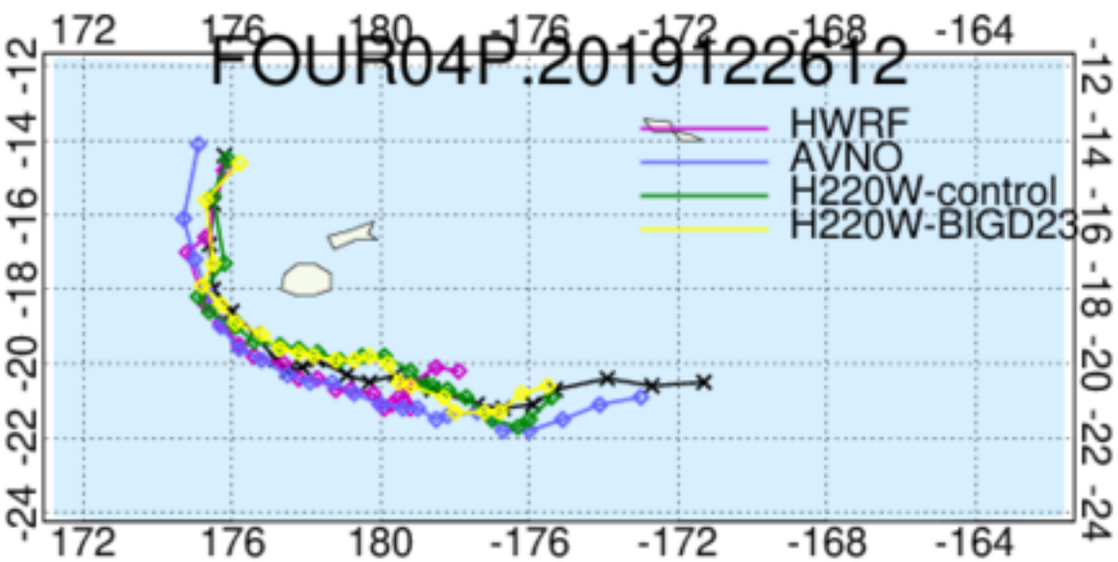

INVEST04P.2019122600
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
20
40
60
80
100
0
20
40
60
80
100
120
140

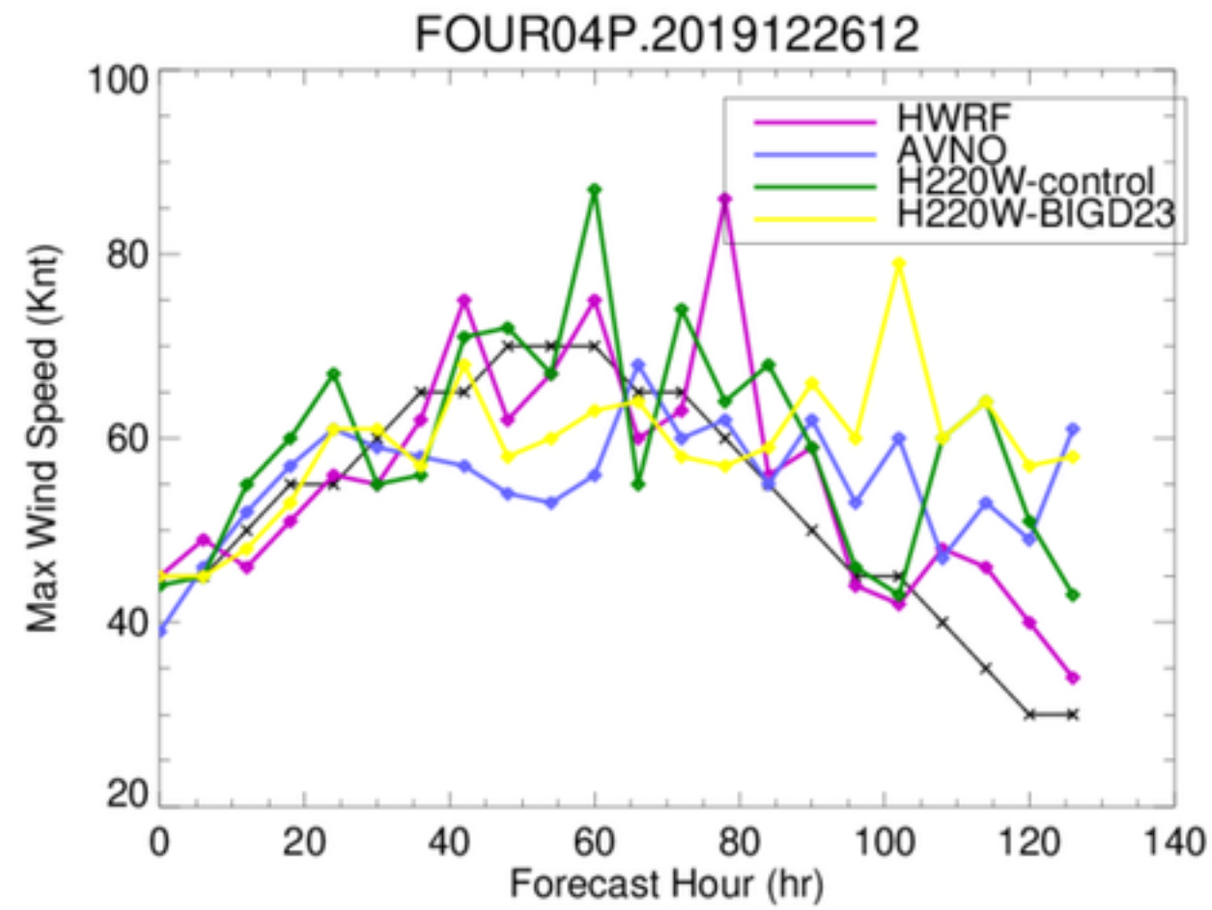

INVEST04P.2019122600
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
960
970
980
990
1000
0
20
40
60
80
100
120
140

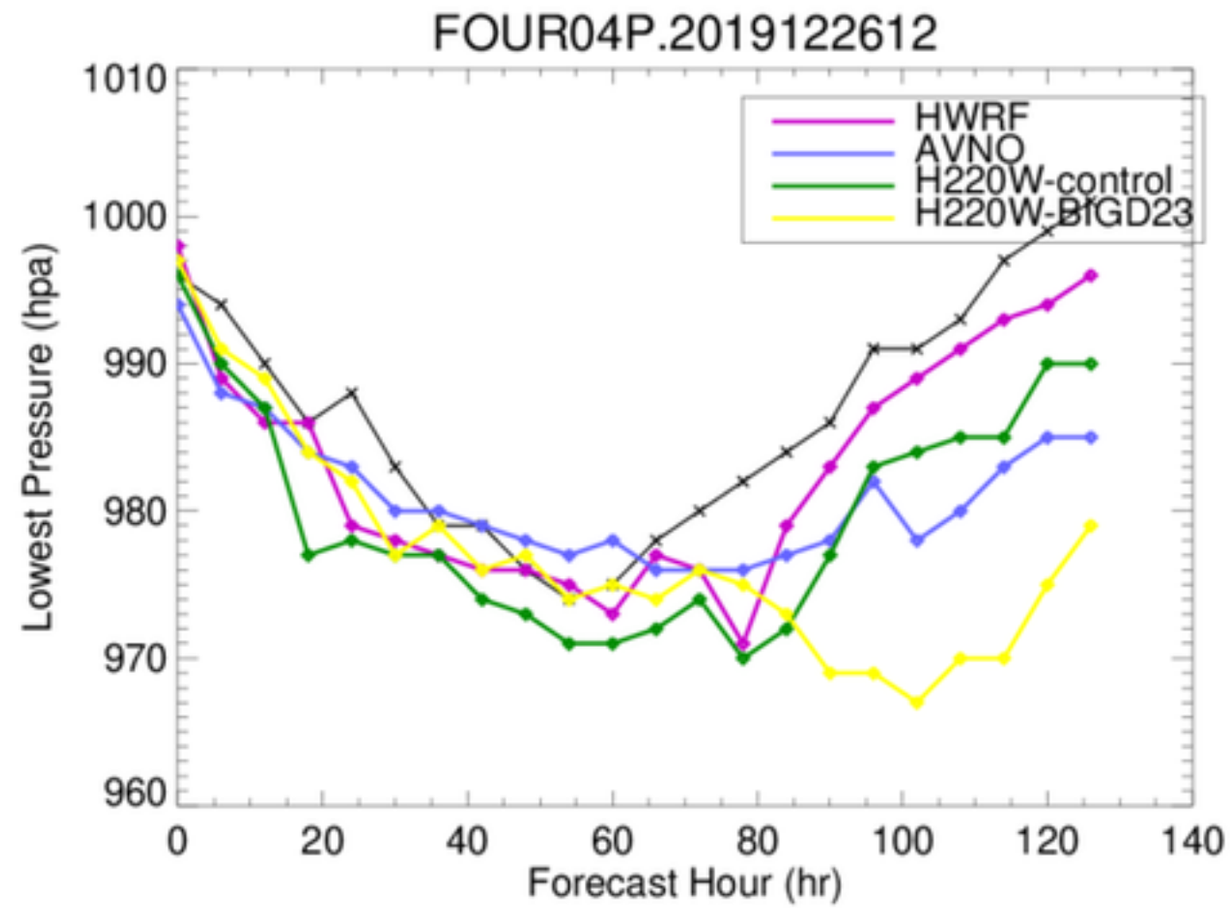

FOUR04P.2019122606
HWRF
AVNO
H220W-control
H220W-BIGD23
172
176
180
-176
-172
-168
-12
-14
-16
-18
-20
-22

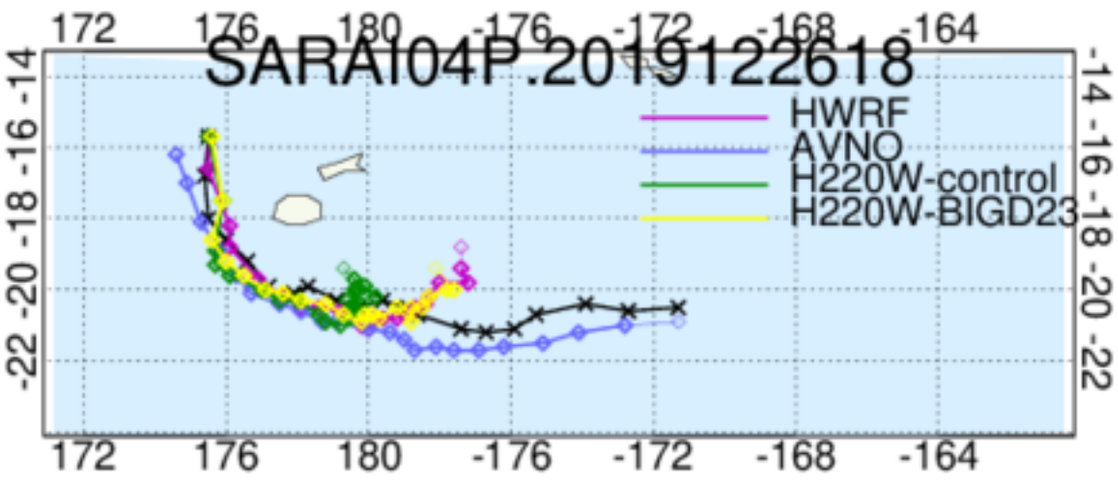

FOUR04P.2019122606
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
20
40
60
80
100
0
20
40
60
80
100
120
140

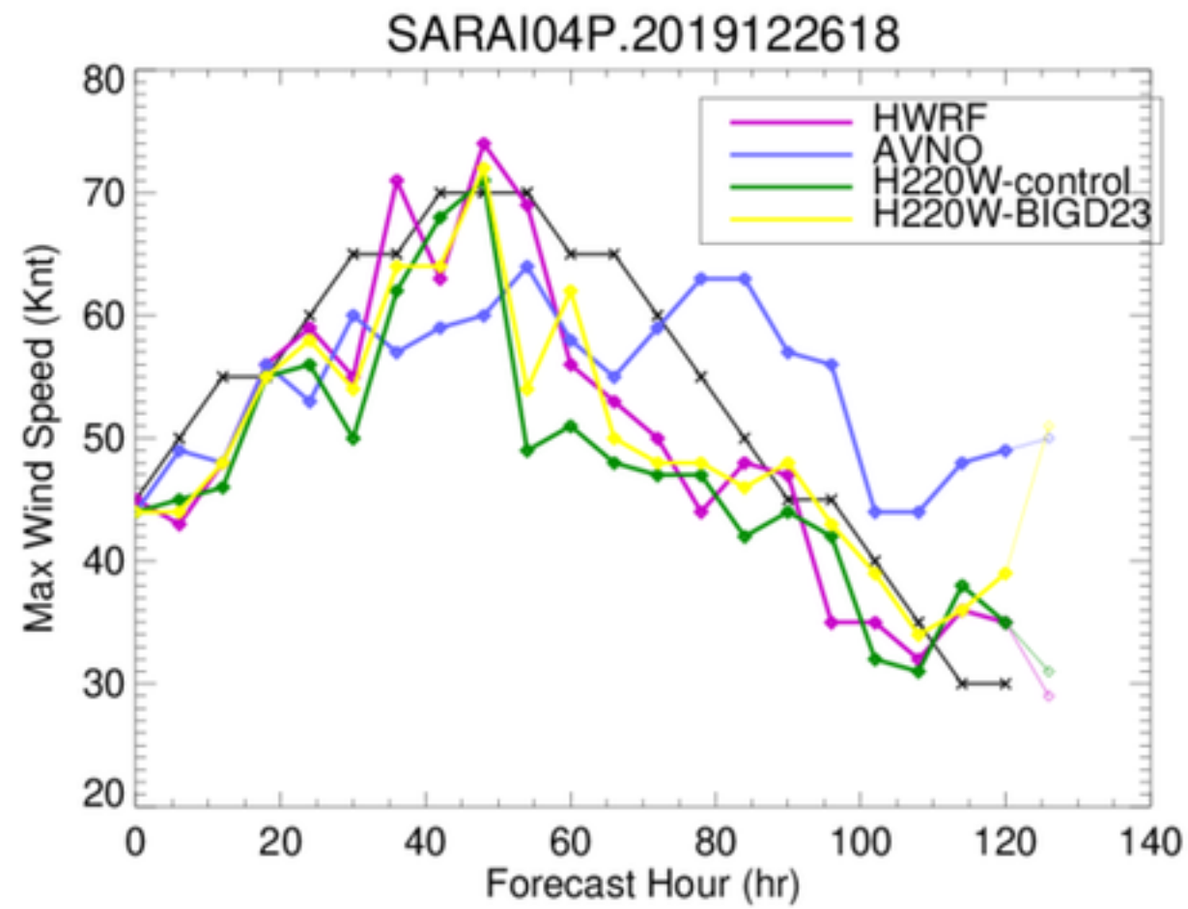

FOUR04P.2019122606
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
970
975
980
985
990
995
1000
0
20
40
60
80
100
120
140

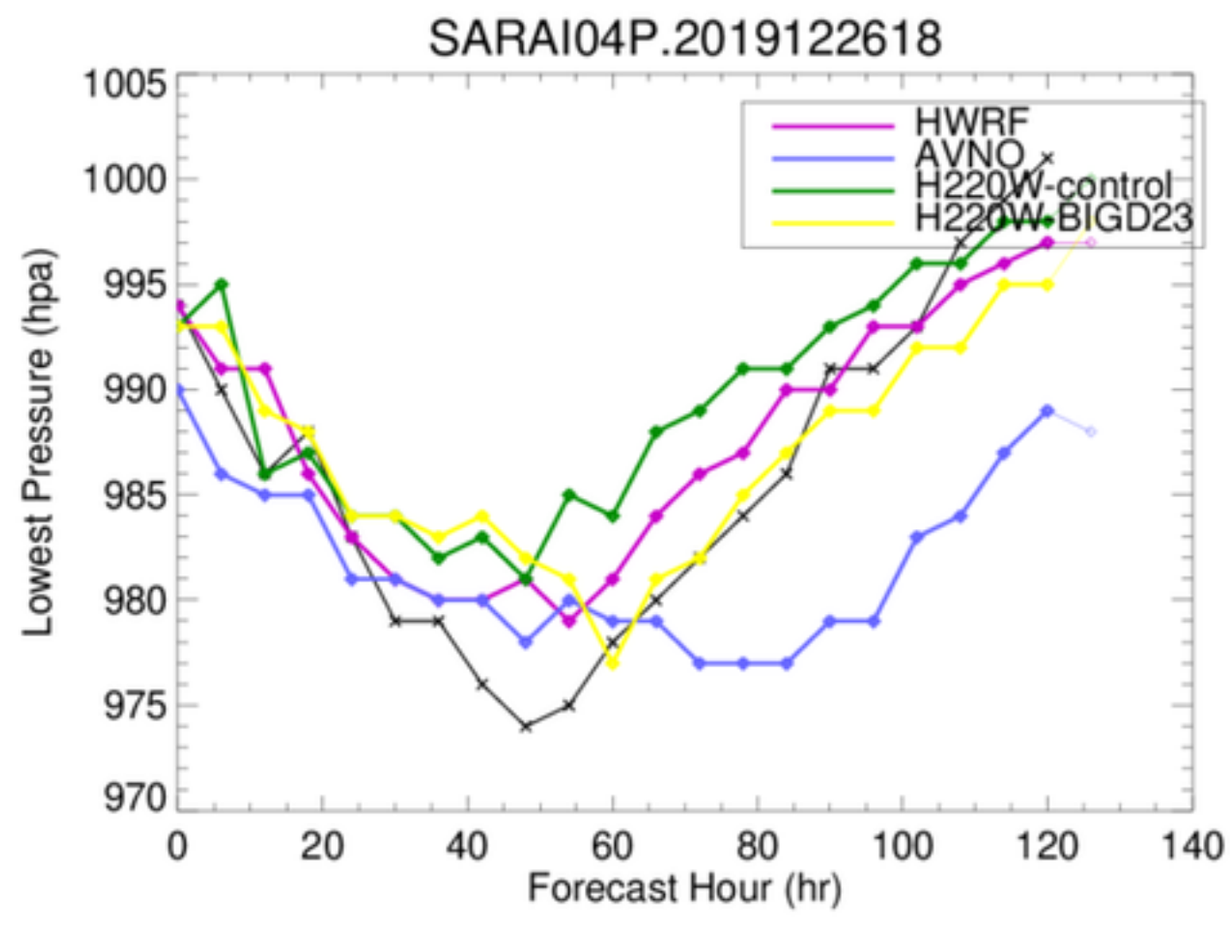

FOUR04P.2019122612
HWRF
AVNO
H220W-control
H220W-BIGD23
172
176
180
-176
-172
-168
-164
-12
-14
-16
-18
-20
-22
-24

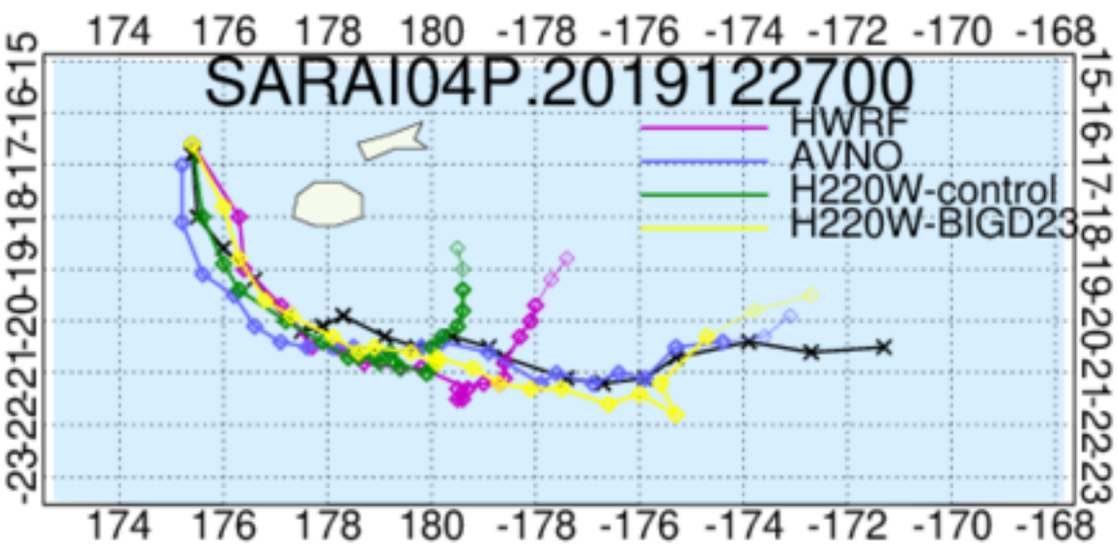

FOUR04P.2019122612
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
20
40
60
80
100
0
20
40
60
80
100
120
140

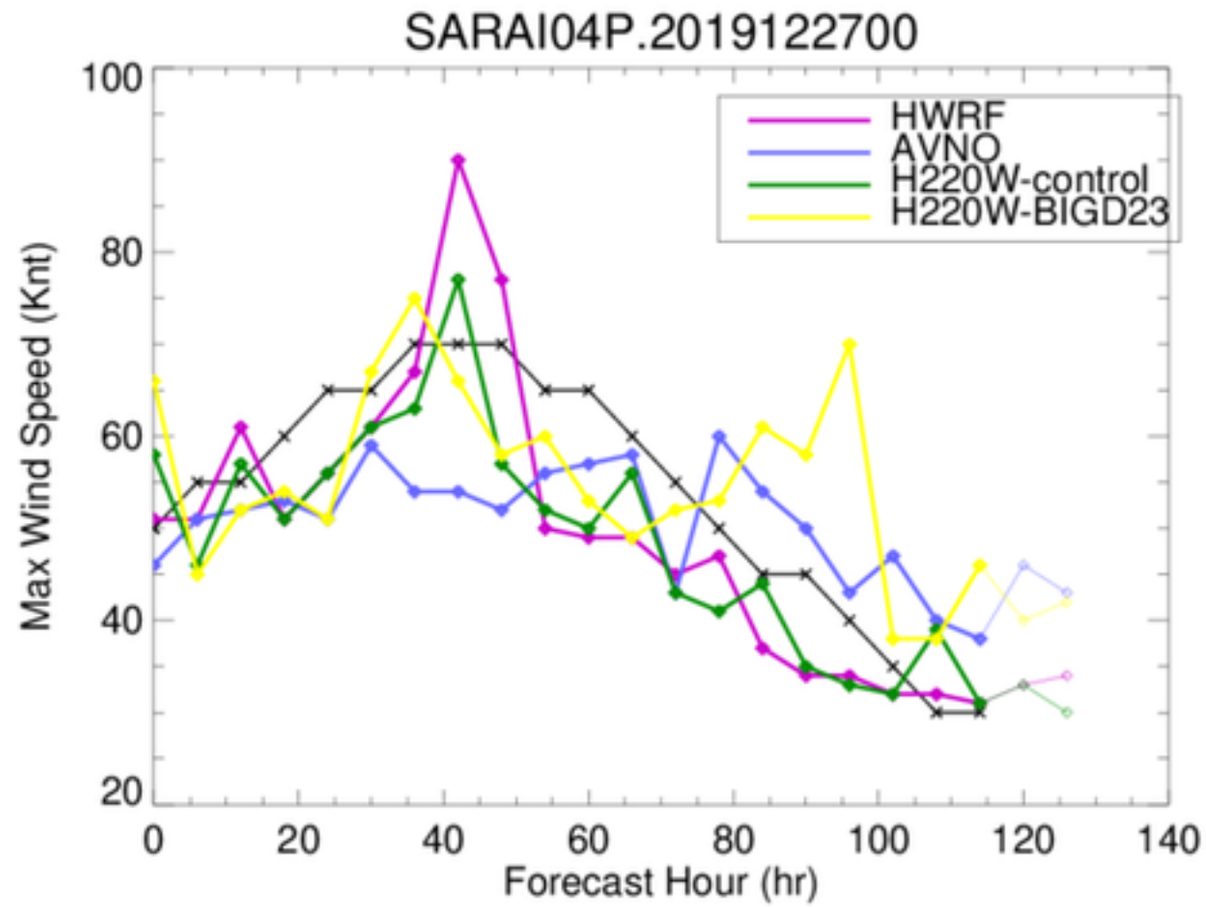

FOUR04P.2019122612
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
960
970
980
990
1000
1010
0
20
40
60
80
100
120
140

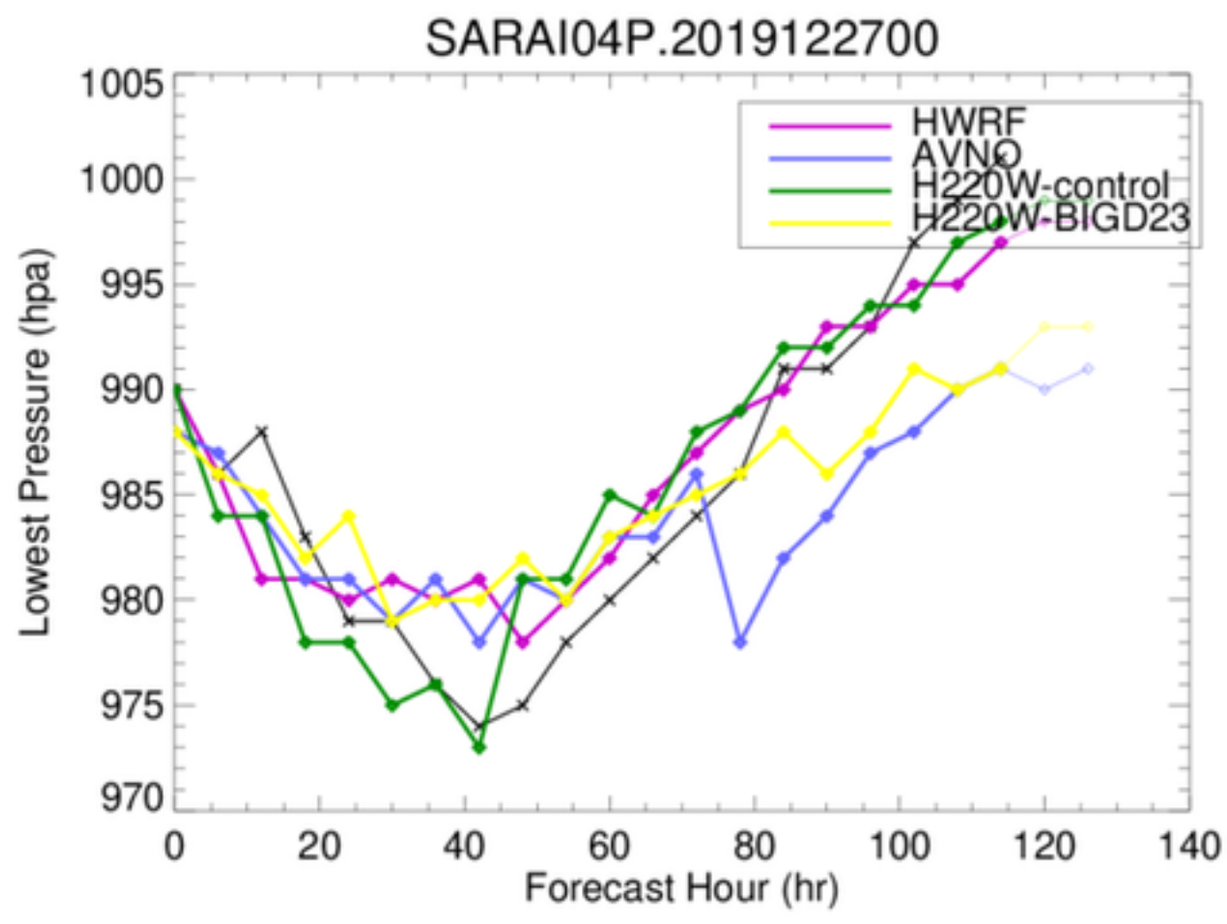

SARAI04P.2019122618
HWRF
AVNO
H220W-control
H220W-BIGD23
172
176
180
-176
-172
-168
-164
-14
-16
-18
-20
-22

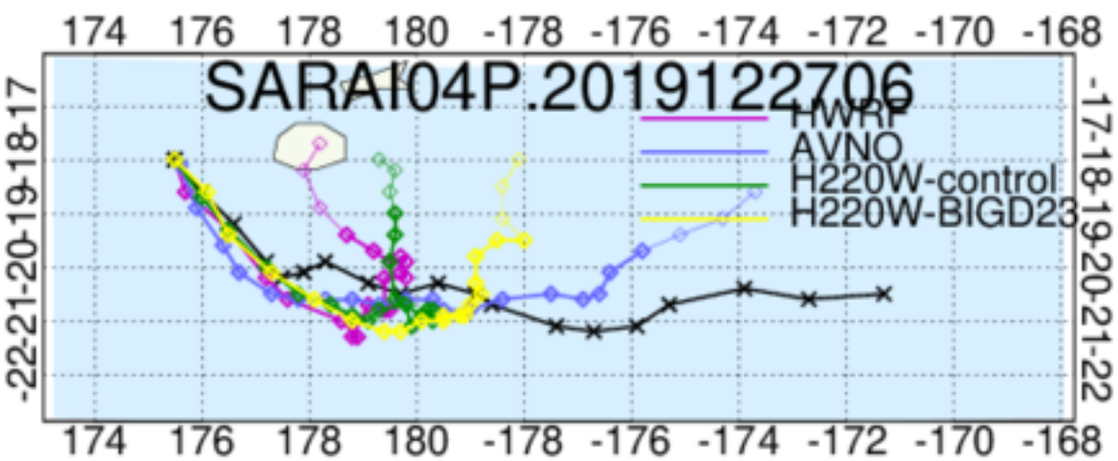

SARAI04P.2019122618
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
20
30
40
50
60
70
80
0
20
40
60
80
100
120
140

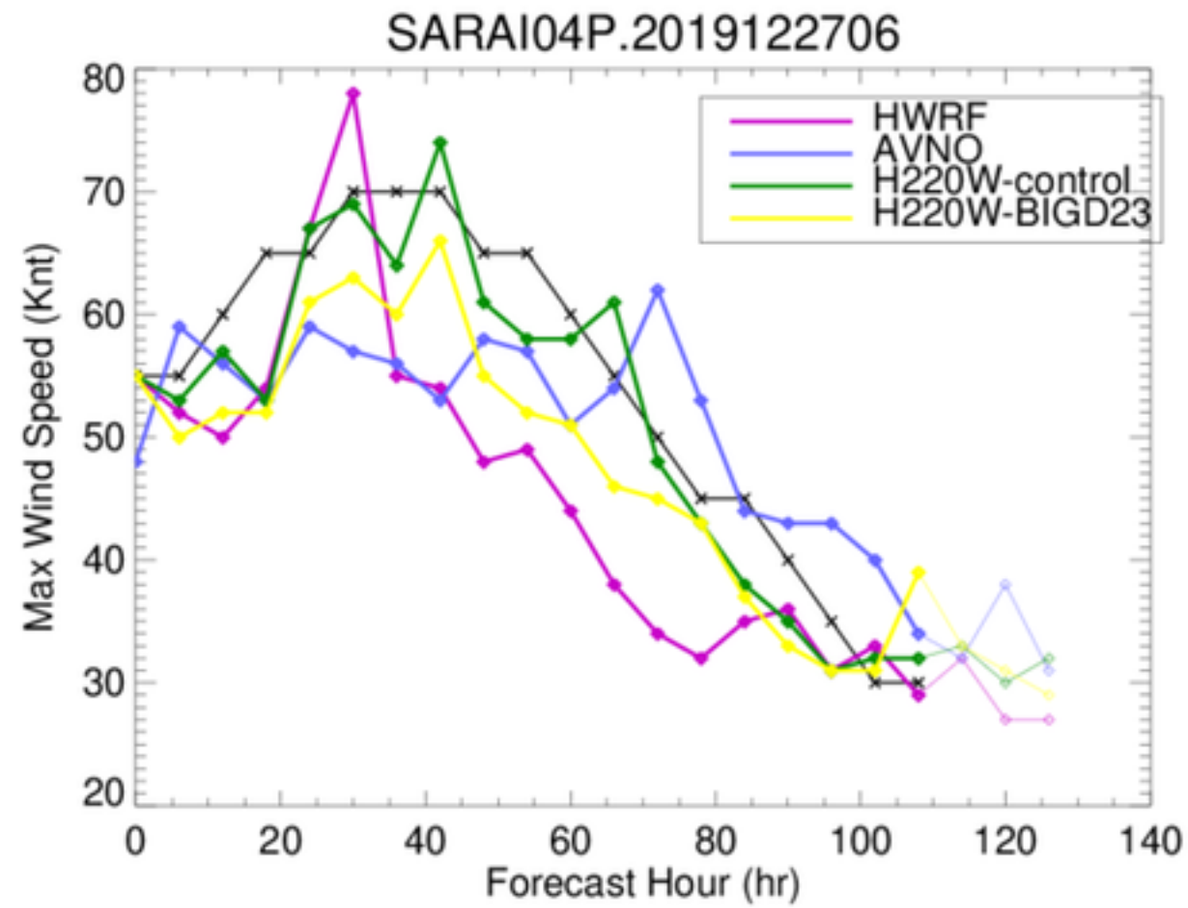

SARAI04P.2019122618
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
970
975
980
985
990
995
1000
1005
0
20
40
60
80
100
120
140

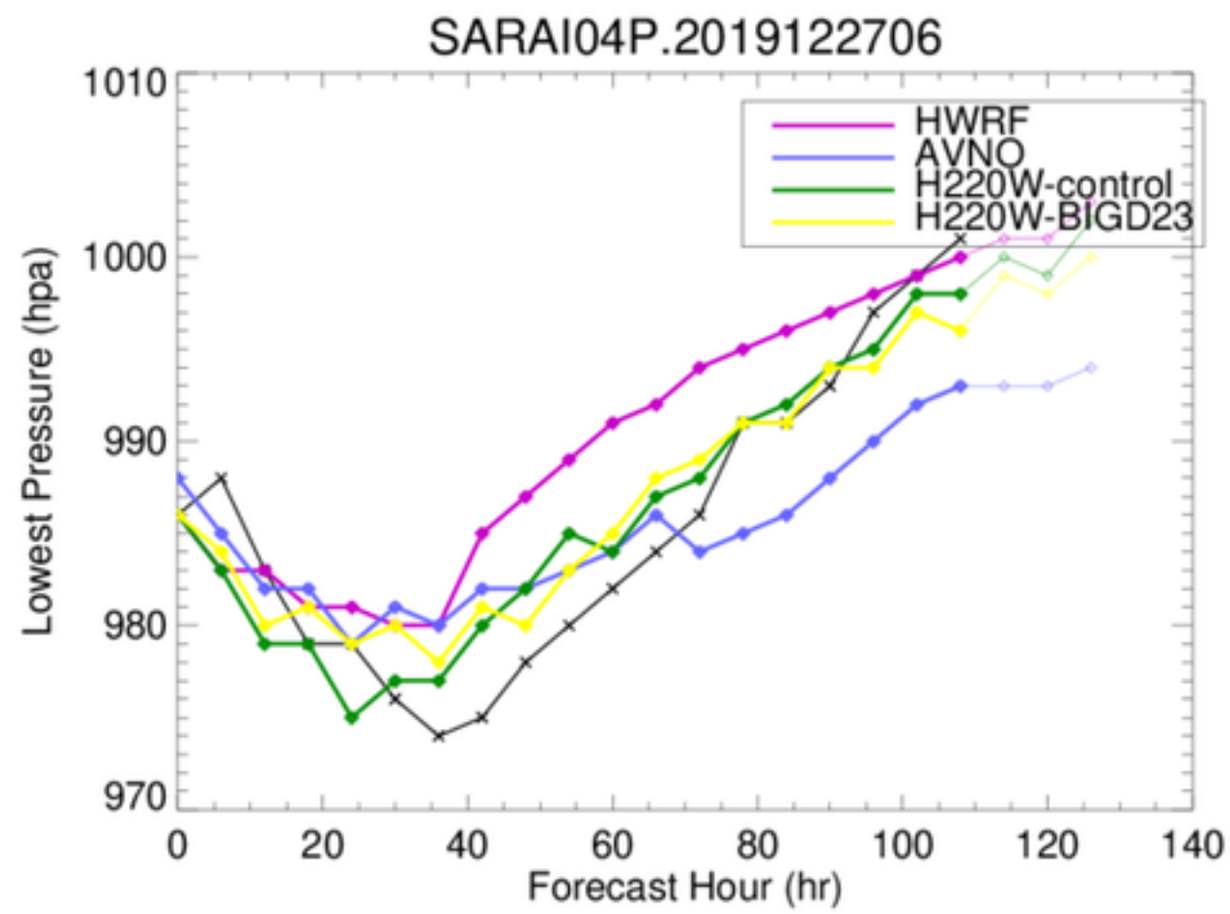

SARAI04P.2019122700
HWRF
AVNO
H220W-control
H220W-BIGD23
174 176 178 180 -178 -176 -174 -172 -170 -168
15 16 17 18 19 20 21 22 23

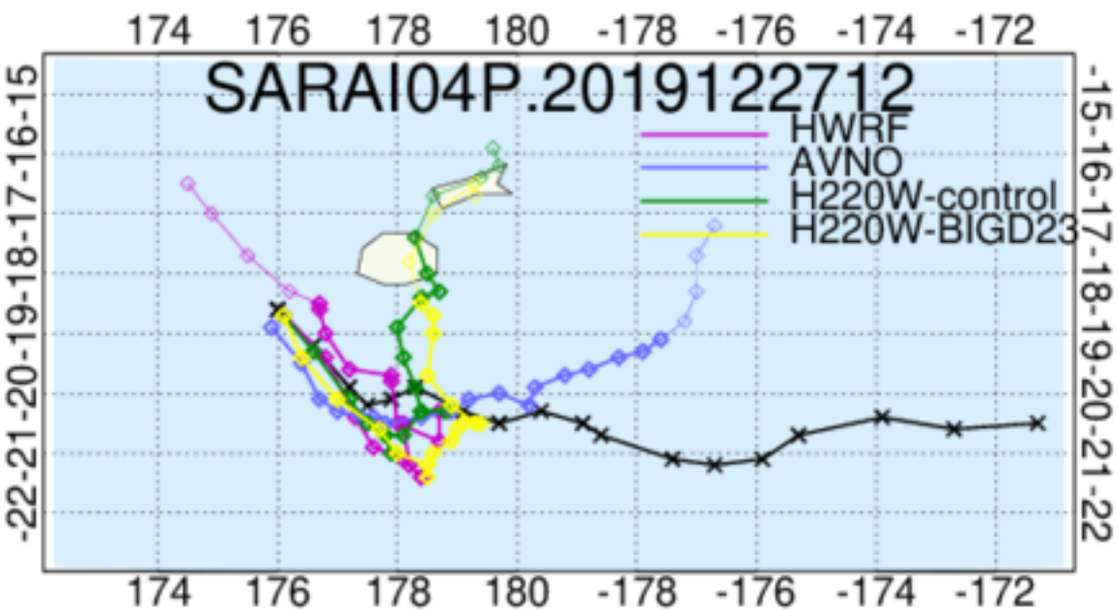

SARAI04P.2019122700
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
20 40 60 80 100
0 20 40 60 80 100 120 140

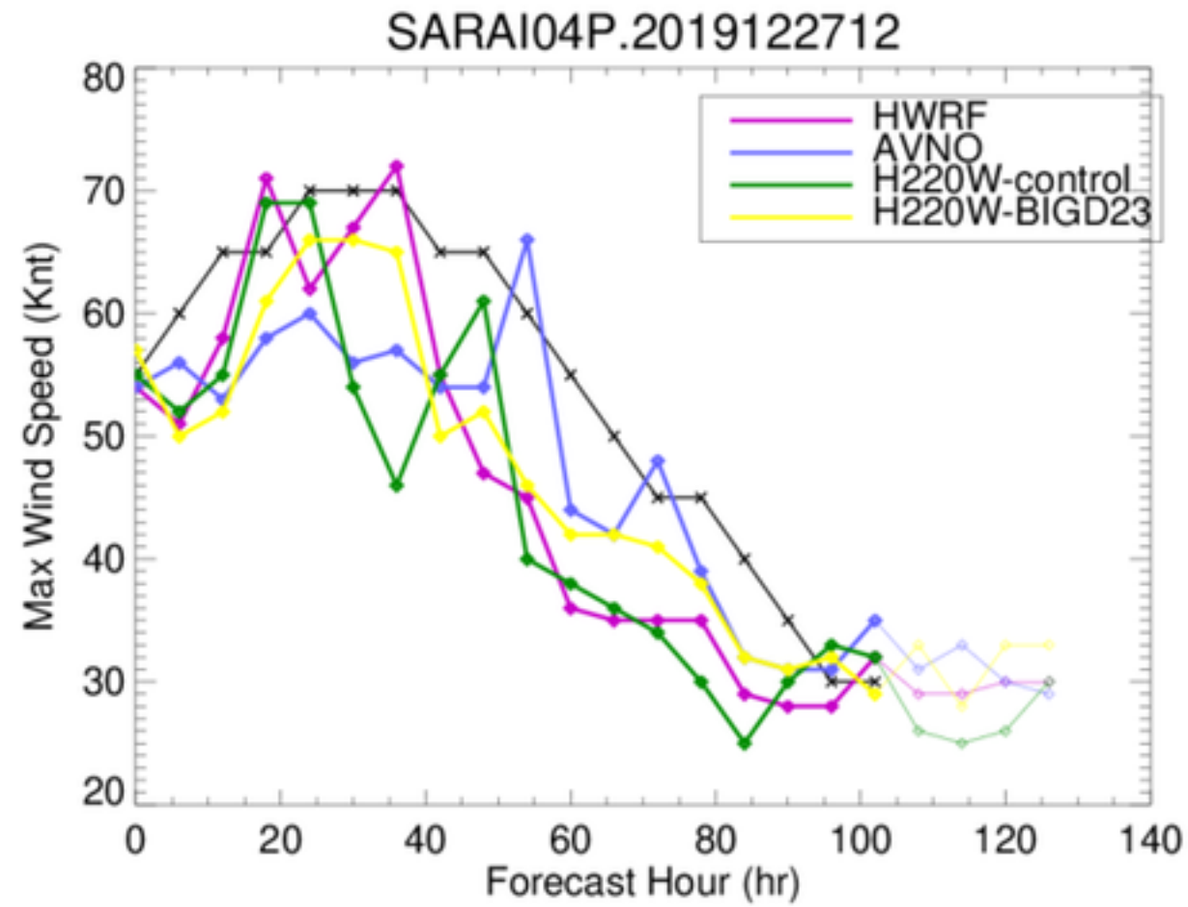

SARAI04P.2019122700
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
970 975 980 985 990 995 1000 1005
0 20 40 60 80 100 120 140

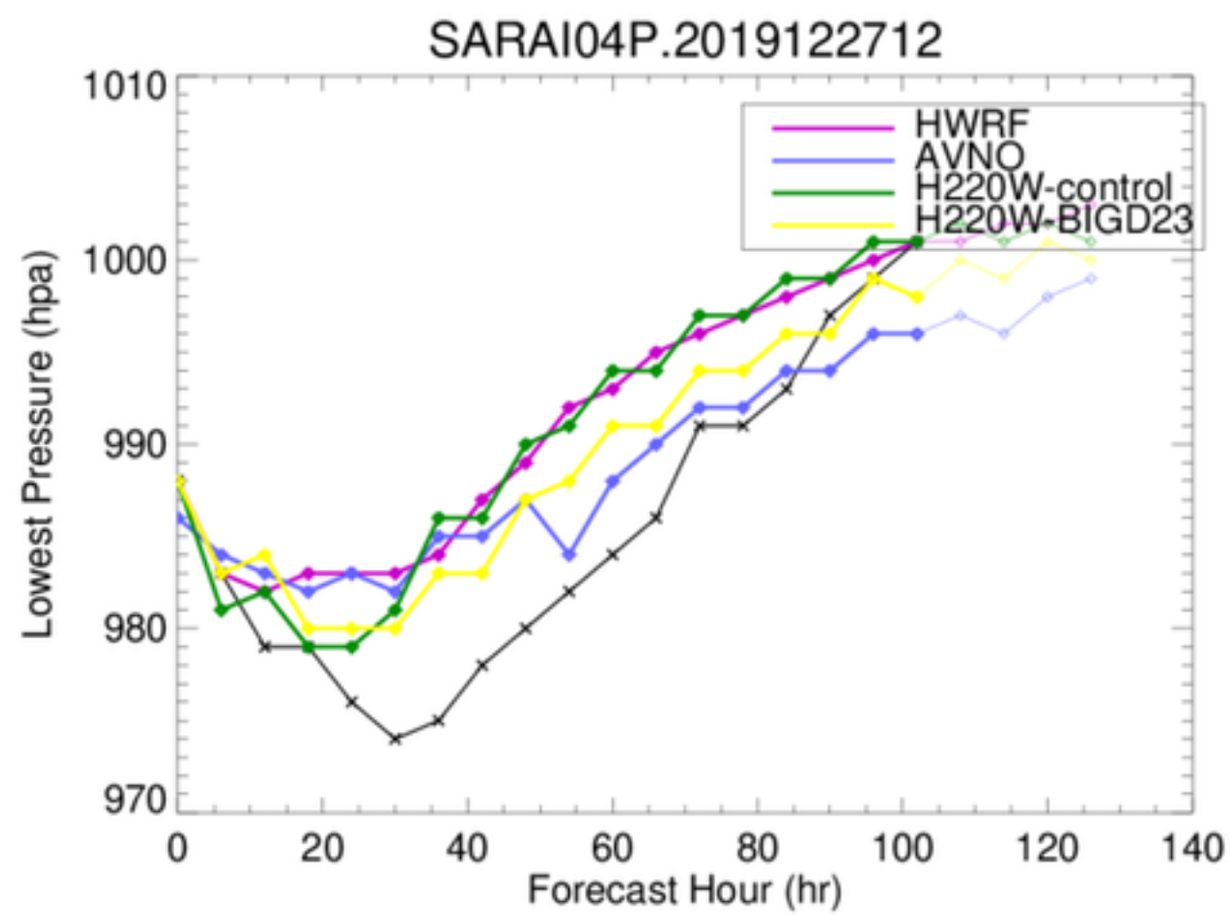

SARAI04P.2019122706
HWRF
AVNO
H220W-control
H220W-BIGD23
174 176 178 180 -178 -176 -174 -172 -170 -168
-22 -21 -20 -19 -18 -17
-17 -18 -19 -20 -21 -22

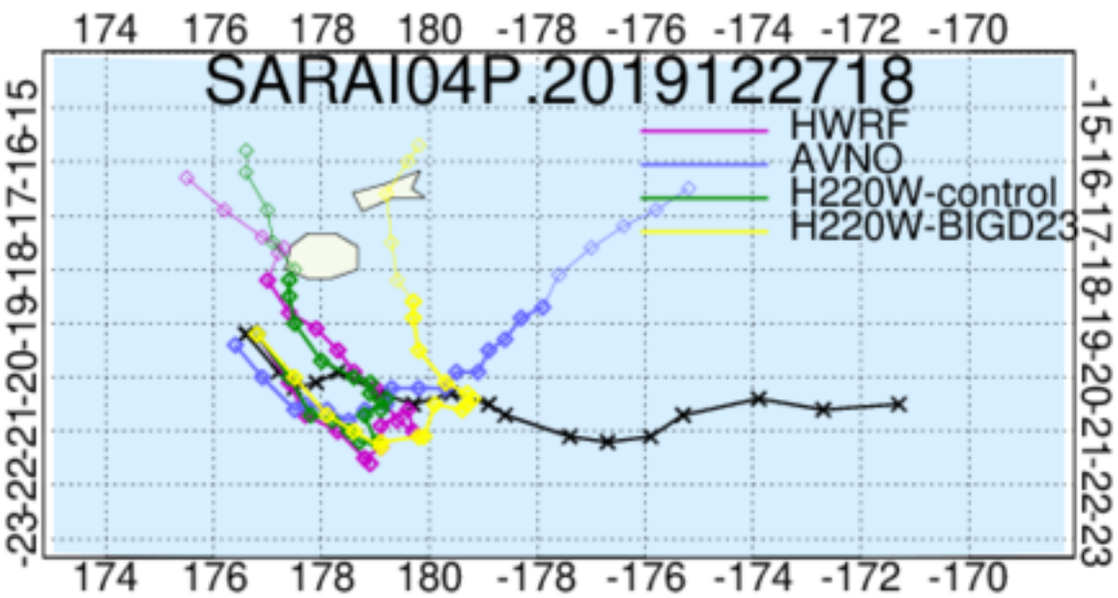

SARAI04P.2019122706
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
20 30 40 50 60 70 80
0 20 40 60 80 100 120 140

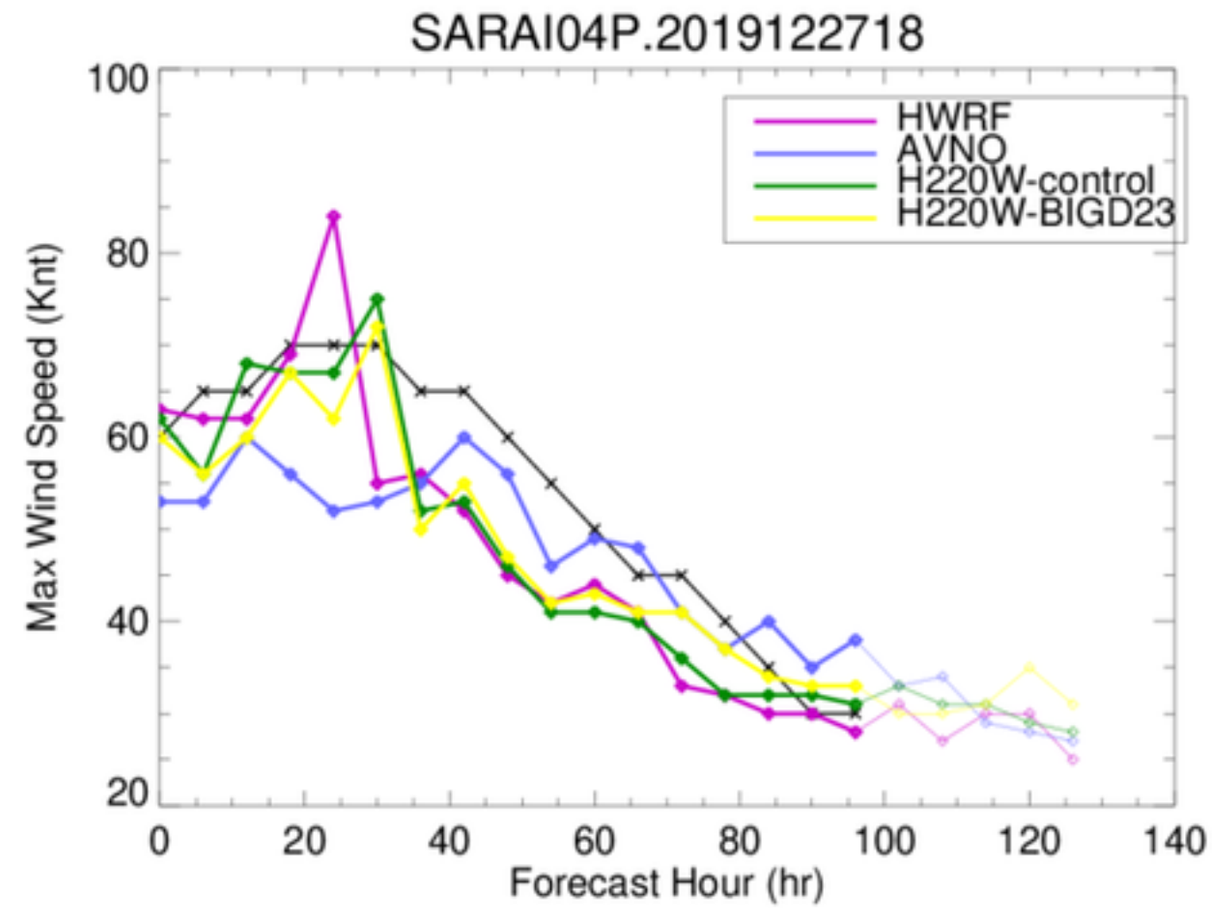

SARAI04P.2019122706
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
970 980 990 1000 1010
0 20 40 60 80 100 120 140

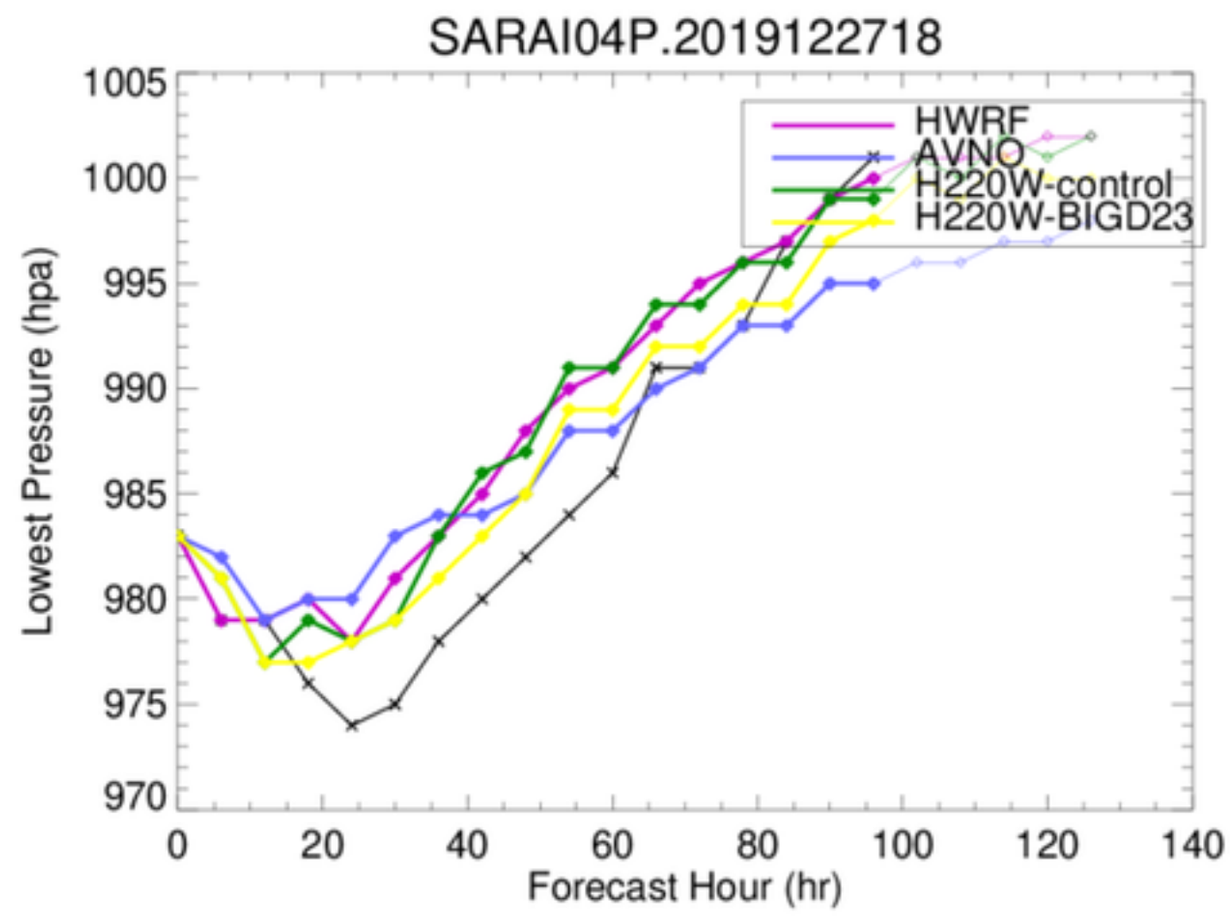

SARAI04P.2019122712
HWRF
AVNO
H220W-control
H220W-BIGD23
174 176 178 180 -178 -176 -174 -172
-15-16-17-18-19-20-21-22
-22-21-20-19-18-17-16-15

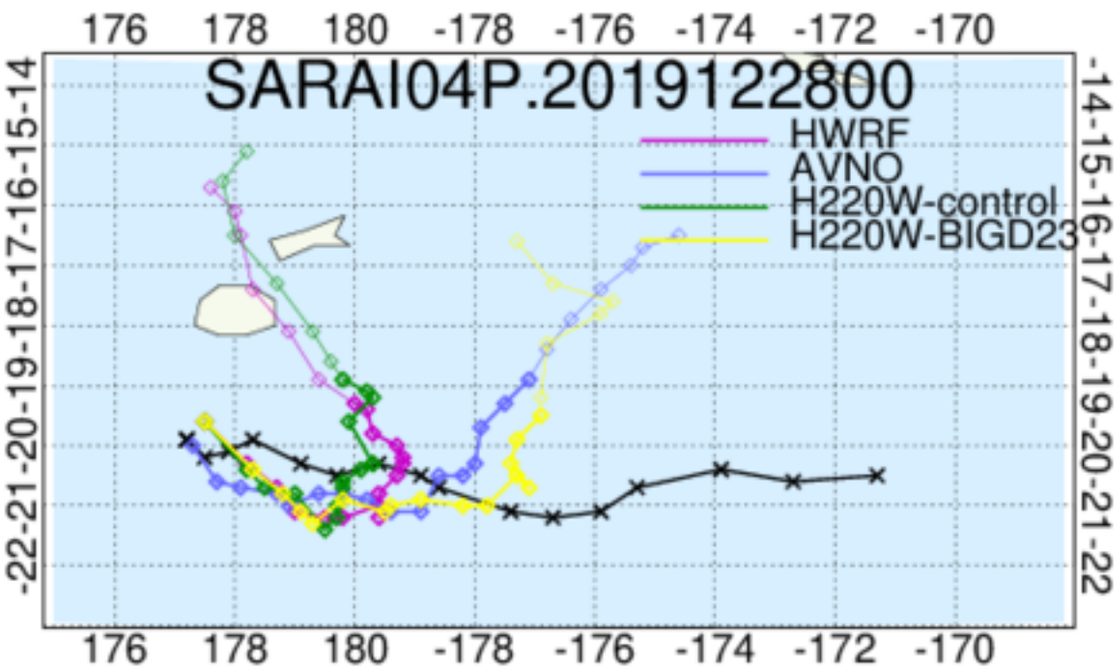

SARAI04P.2019122712
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
20 30 40 50 60 70 80
0 20 40 60 80 100 120 140

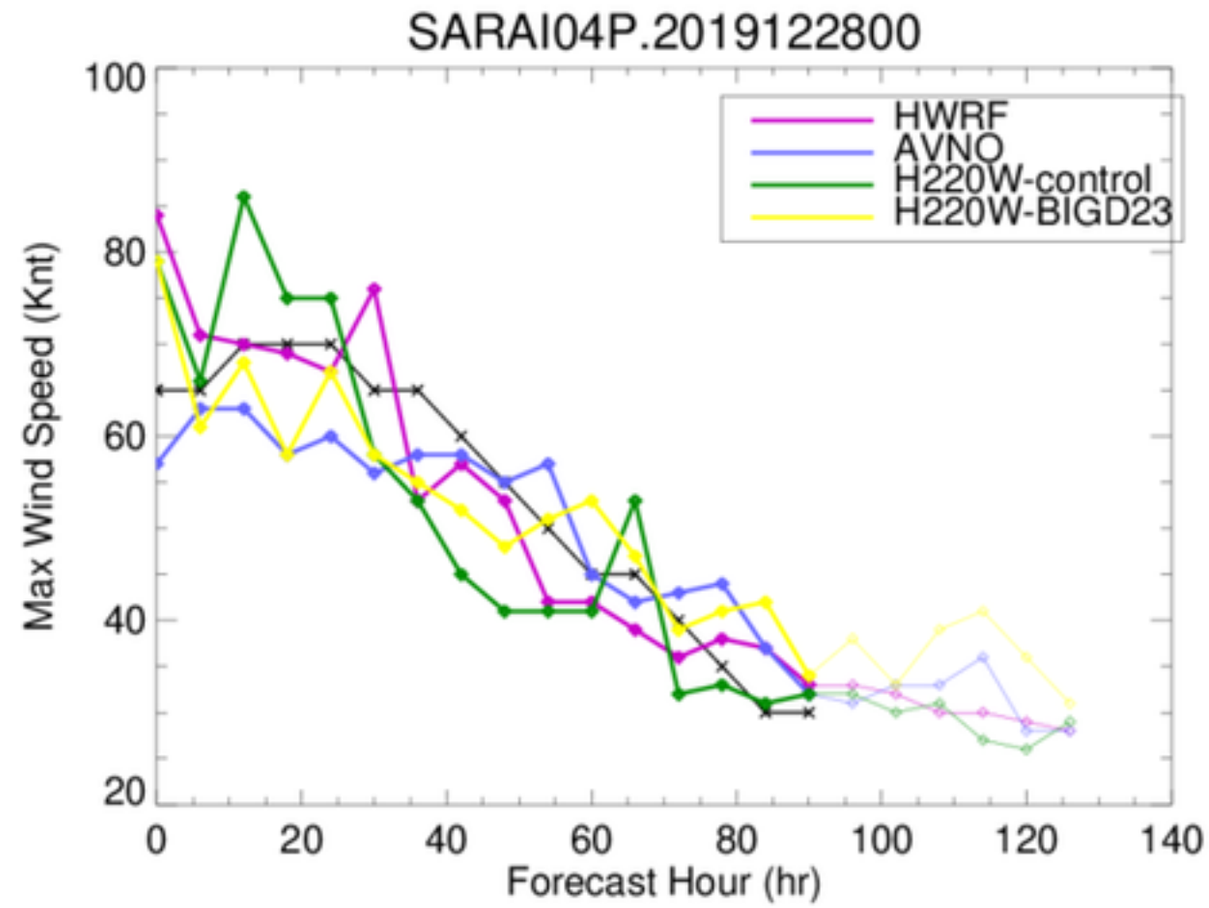

SARAI04P.2019122712
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
970 980 990 1000 1010
0 20 40 60 80 100 120 140

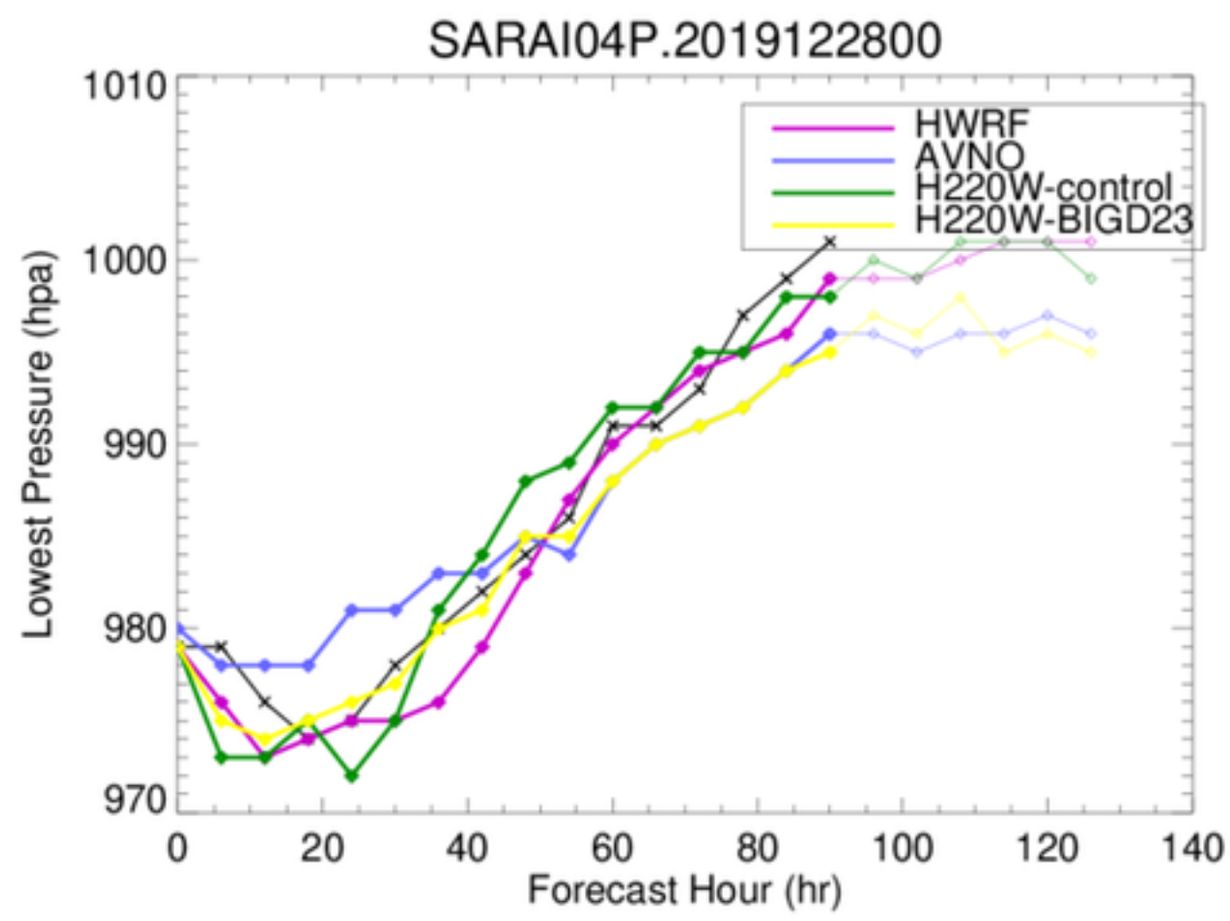

SARAI04P.2019122718
HWRF
AVNO
H220W-control
H220W-BIGD23
174 176 178 180 -178 -176 -174 -172 -170
-15-16-17-18-19-20-21-22-23

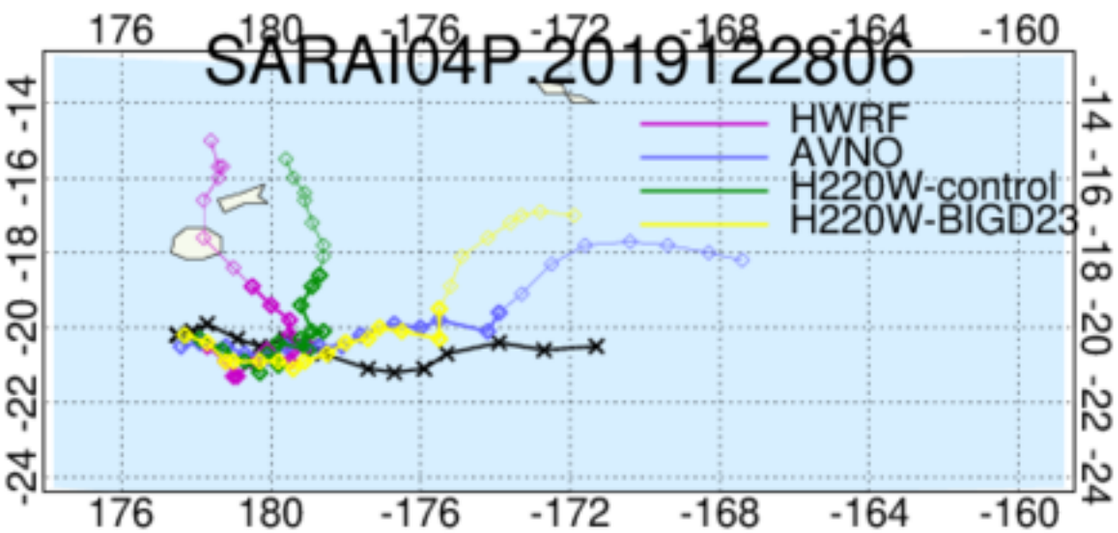

SARAI04P.2019122718
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)

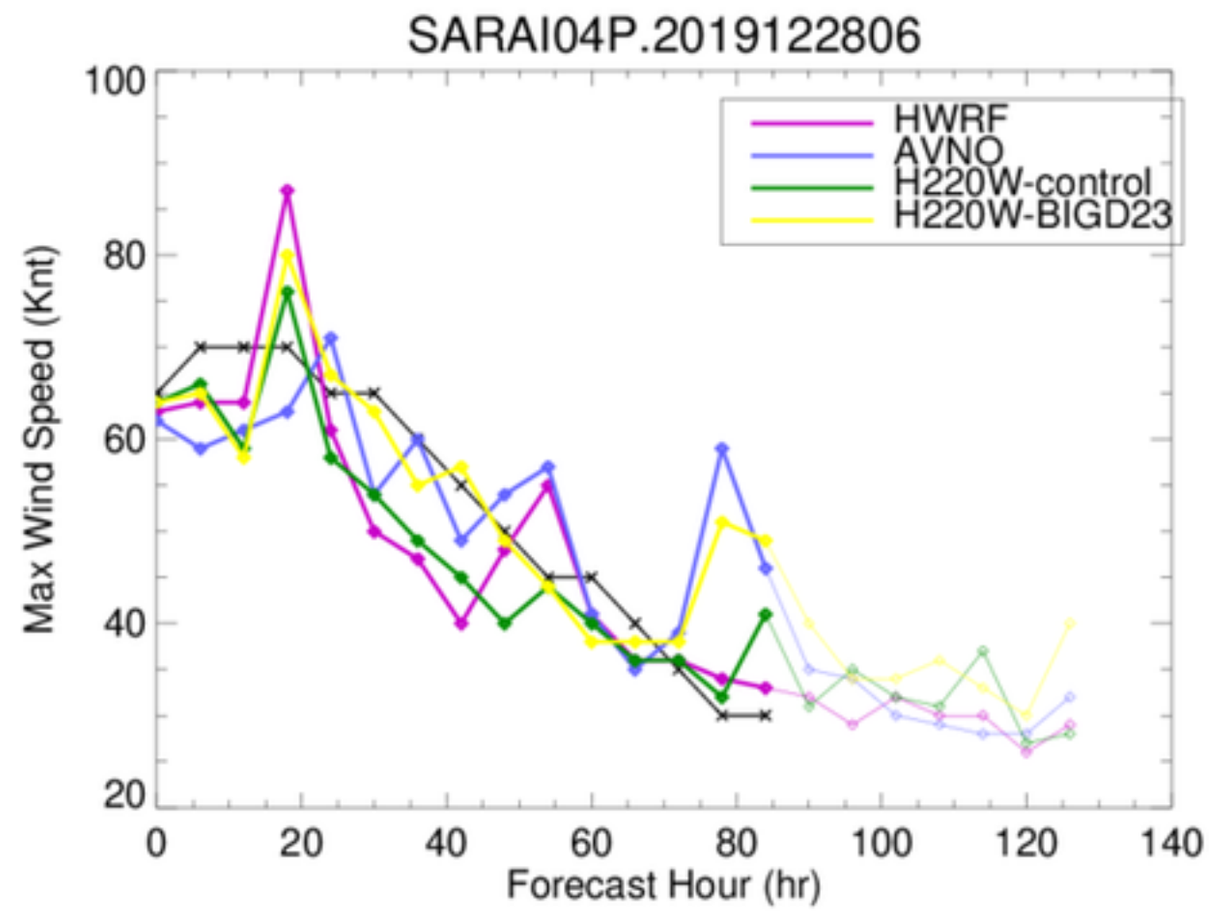

SARAI04P.2019122718
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)

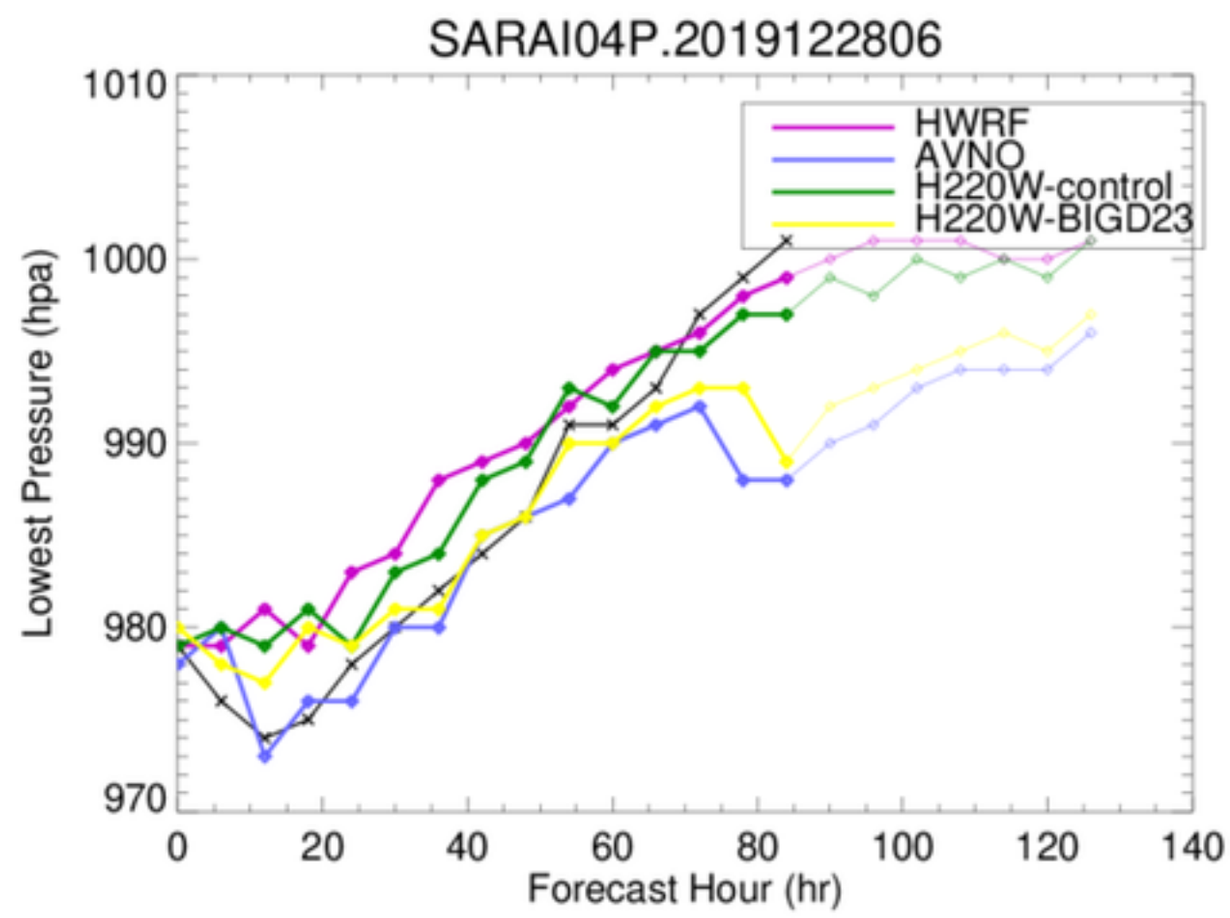

SARAI04P.2019122800
HWRF
AVNO
H220W-control
H220W-BIGD23
176 178 180 -178 -176 -174 -172 -170
-14-15-16-17-18-19-20-21-22
-22-21-20-19-18-17-16-15-14

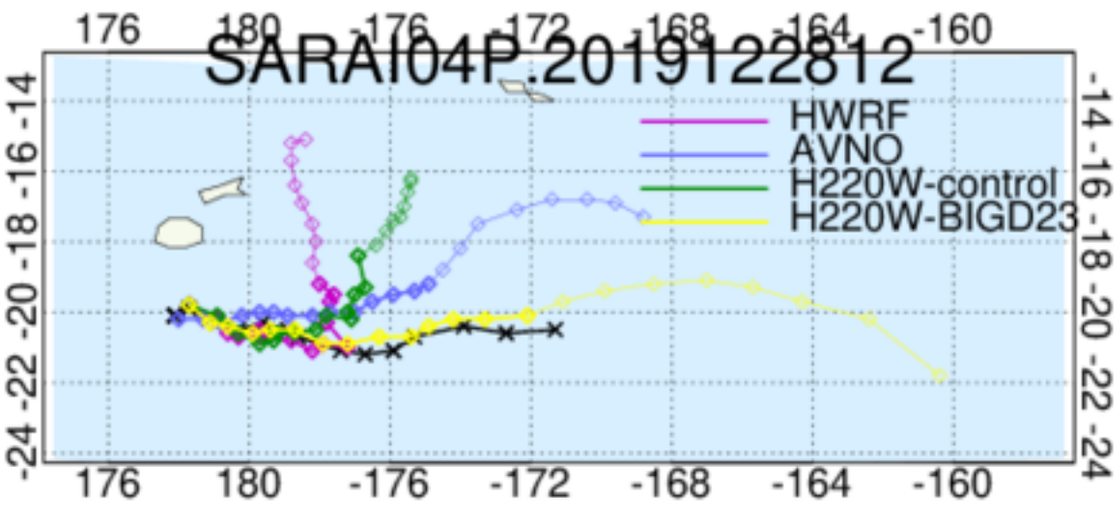

SARAI04P.2019122800
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
20 40 60 80 100
0 20 40 60 80 100 120 140

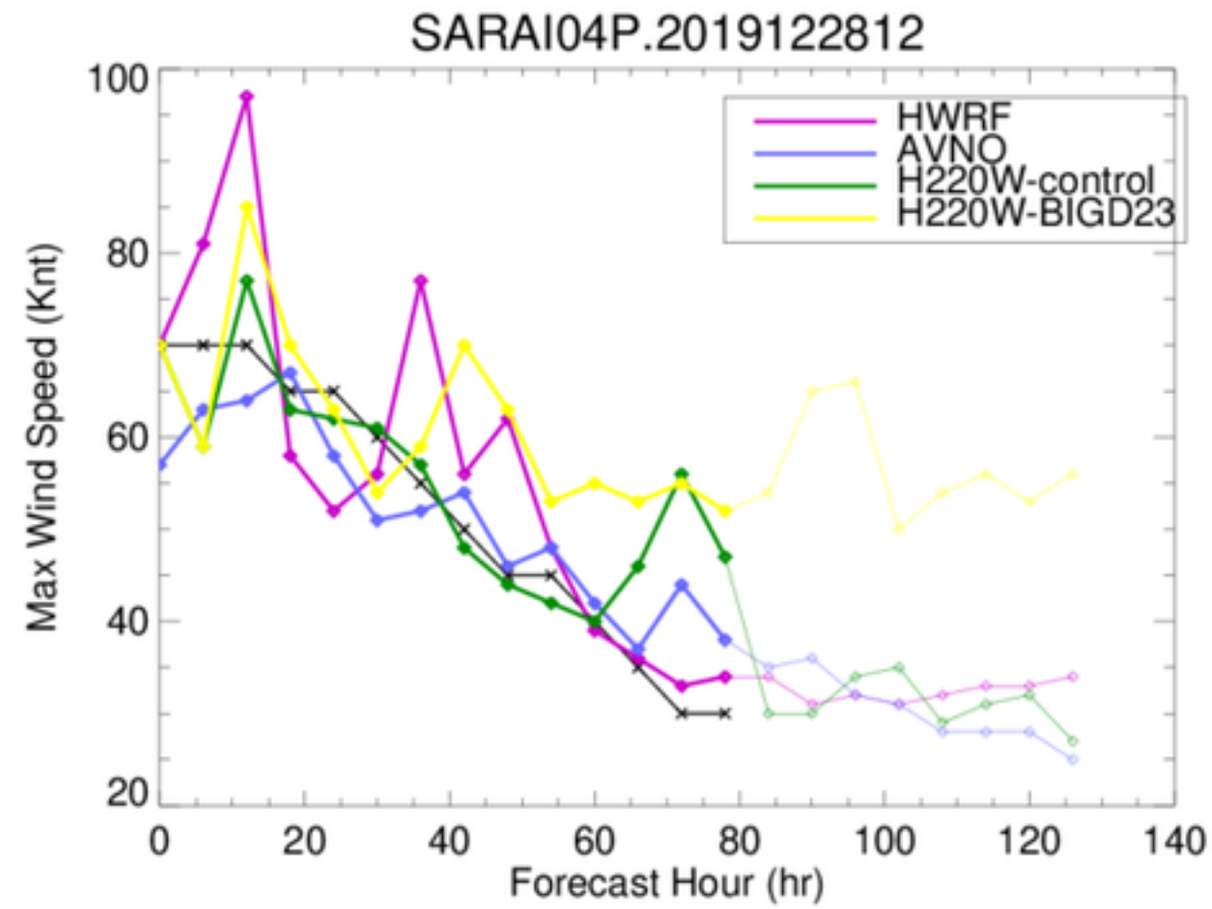

SARAI04P.2019122800
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
970 980 990 1000 1010
0 20 40 60 80 100 120 140

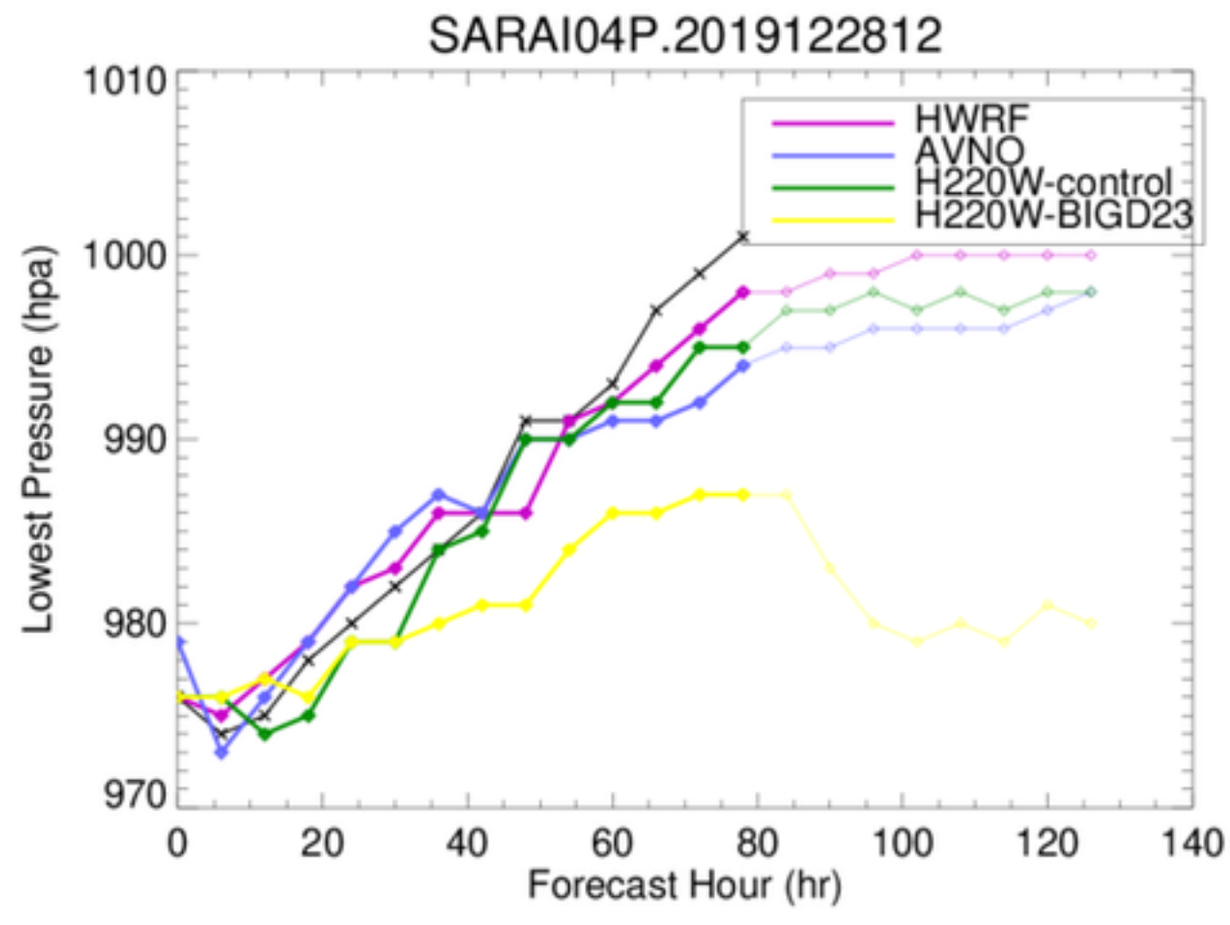

SARAI04P.2019122806
HWRF
AVNO
H220W-control
H220W-BIGD23
176
180
-176
-172
-168
-164
-160
-14
-16
-18
-20
-22
-24

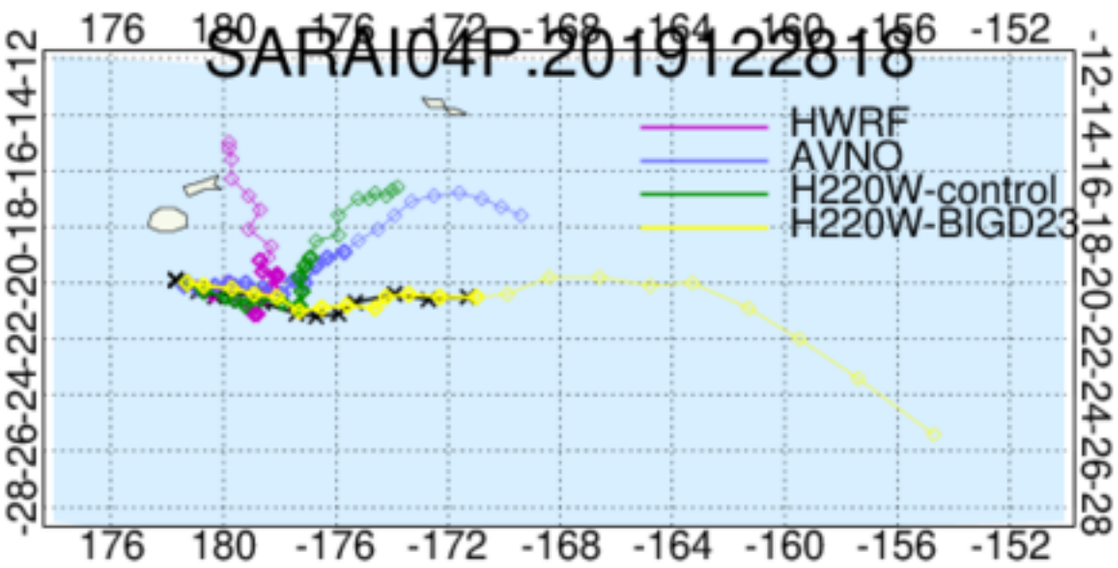

SARAI04P.2019122806
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
20
40
60
80
100
0
120
140

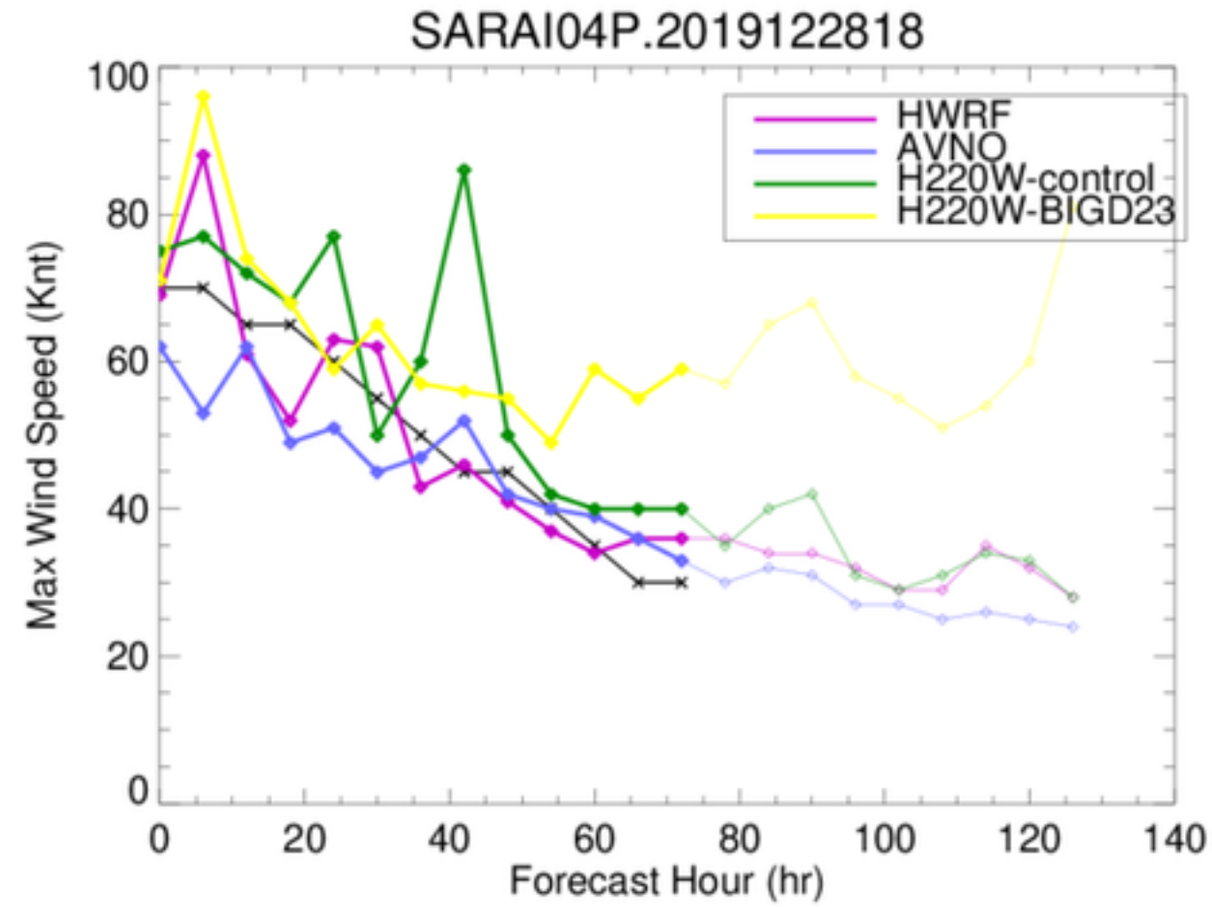

SARAI04P.2019122806
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
970
980
990
1000
1010
0
20
40
60
80
100
120
140

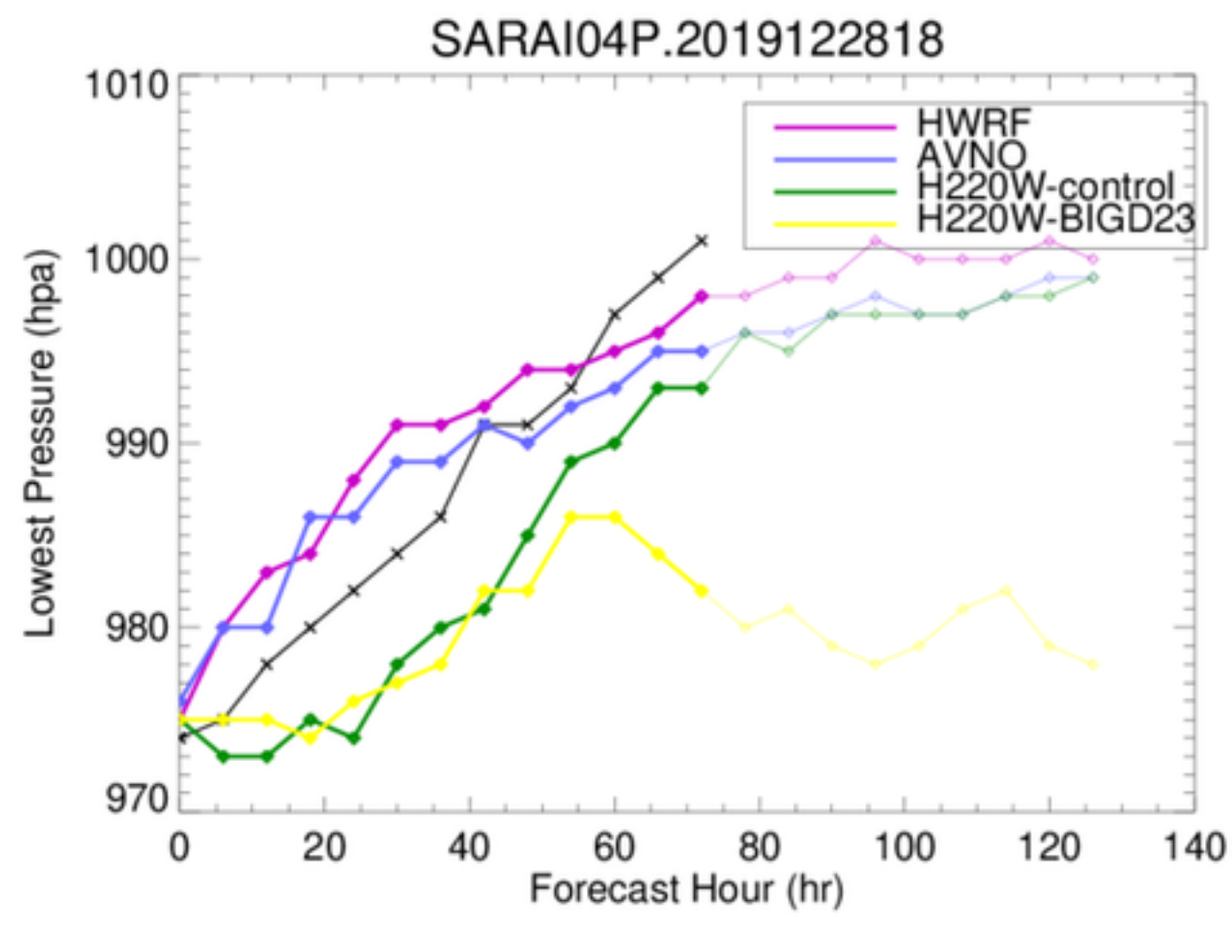

SARAI04P.2019122812
HWRF
AVNO
H220W-control
H220W-BIGD23
176
180
-176
-172
-168
-164
-160
-14
-16
-18
-20
-22
-24

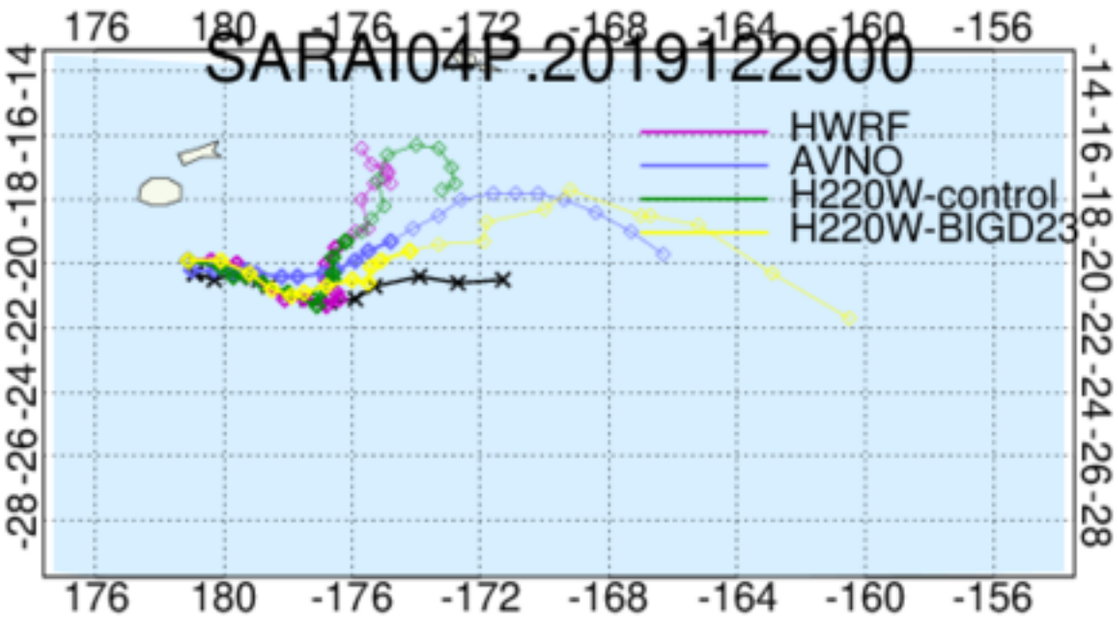

SARAI04P.2019122812
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
100
80
60
40
20
0
20
40
60
80
100
120
140

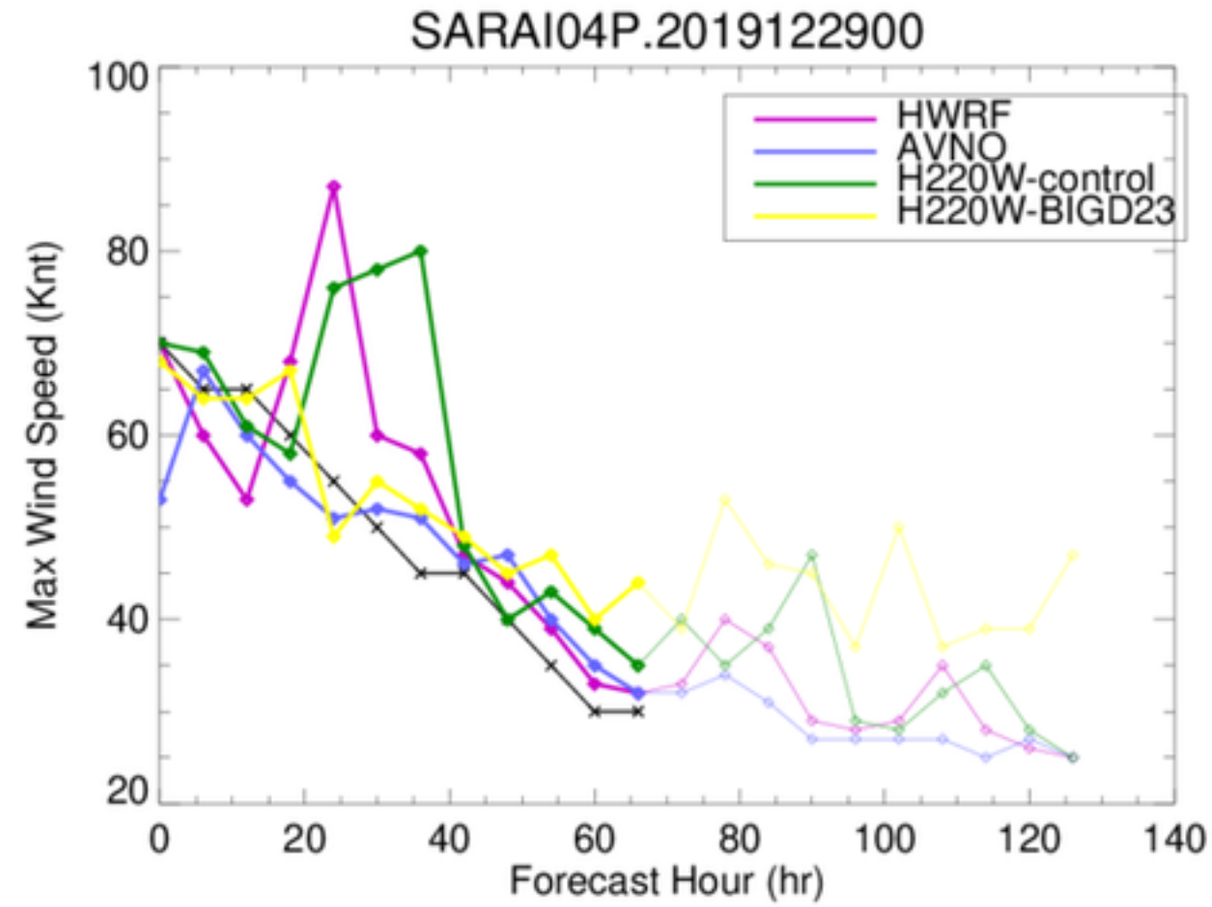

SARAI04P.2019122812
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
1010
1000
990
980
970
0
20
40
60
80
100
120
140

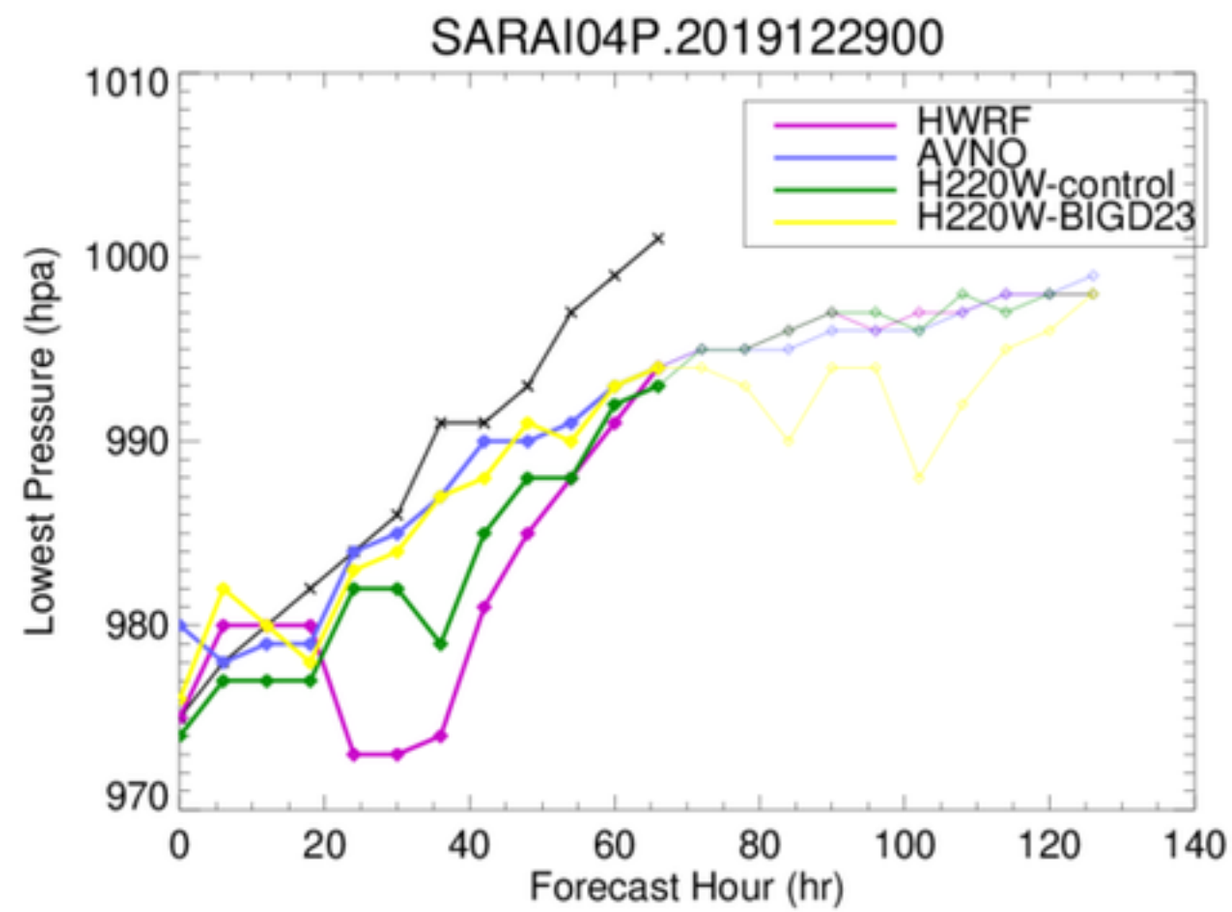

SARAI04P.2019122818
HWRF
AVNO
H220W-control
H220W-BIGD23
176 180 -176 -172 -168 -164 -160 -156 -152
-28-26-24-22-20-18-16-14-12
-12-14-16-18-20-22-24-26-28

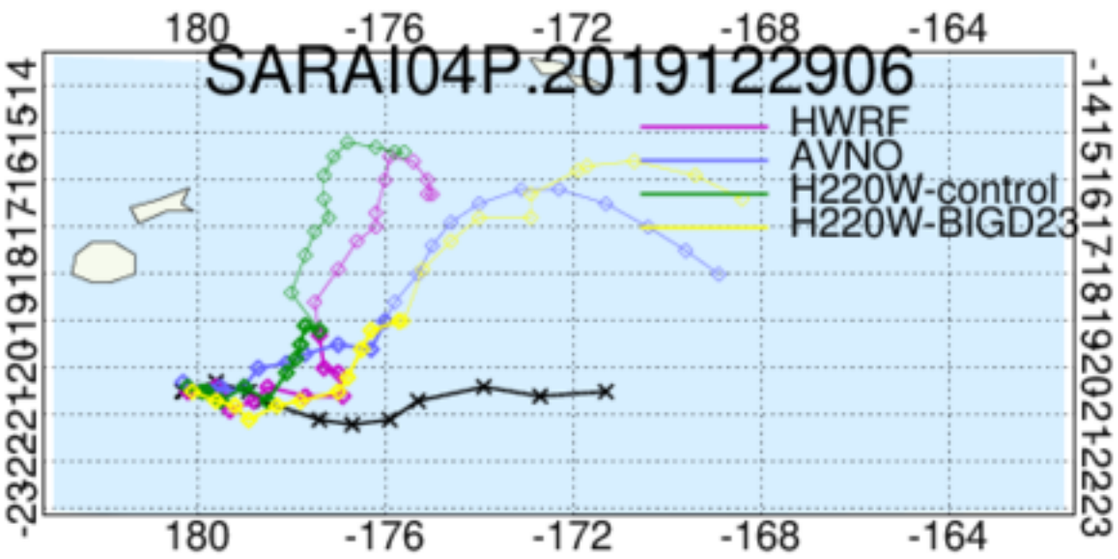

SARAI04P.2019122818
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
0 20 40 60 80 100 120 140
0 20 40 60 80 100

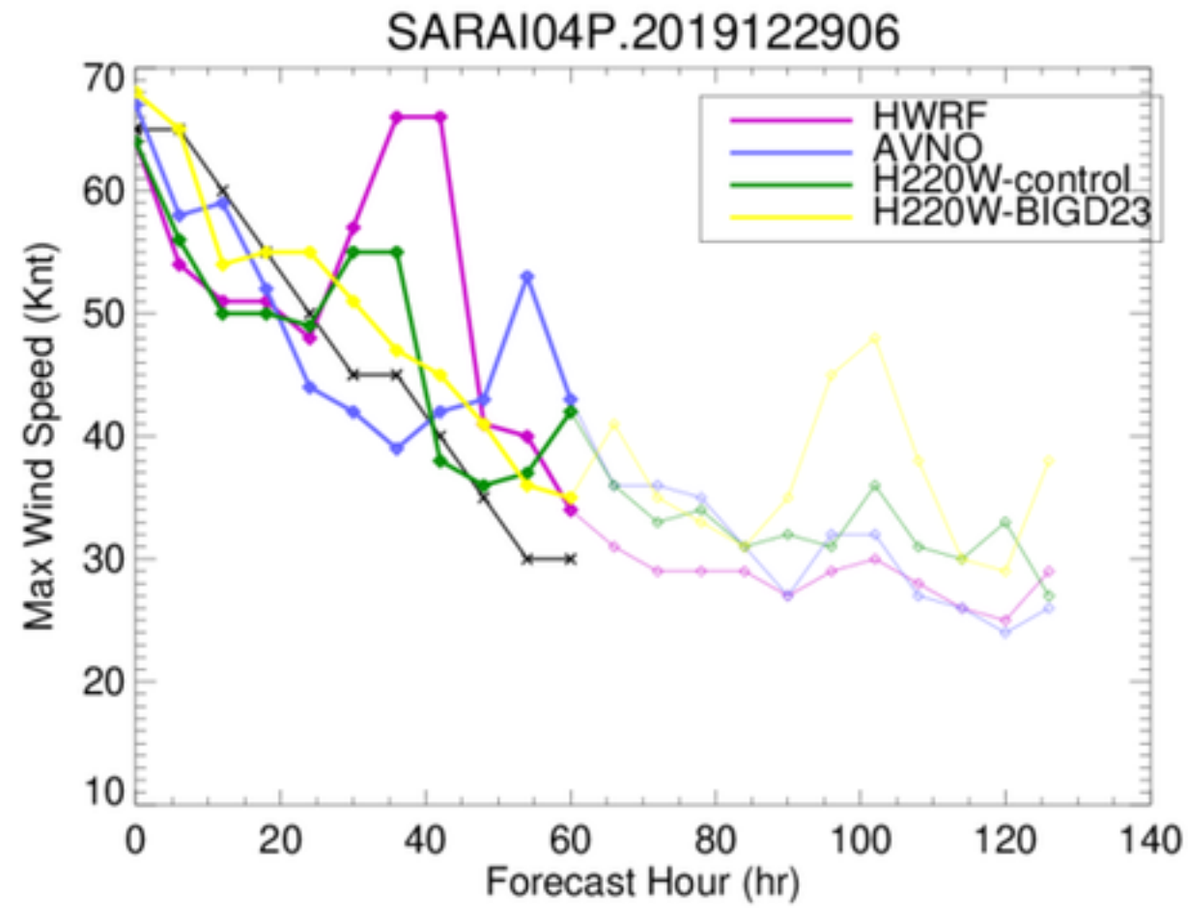

SARAI04P.2019122818
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
0 20 40 60 80 100 120 140
970 980 990 1000 1010

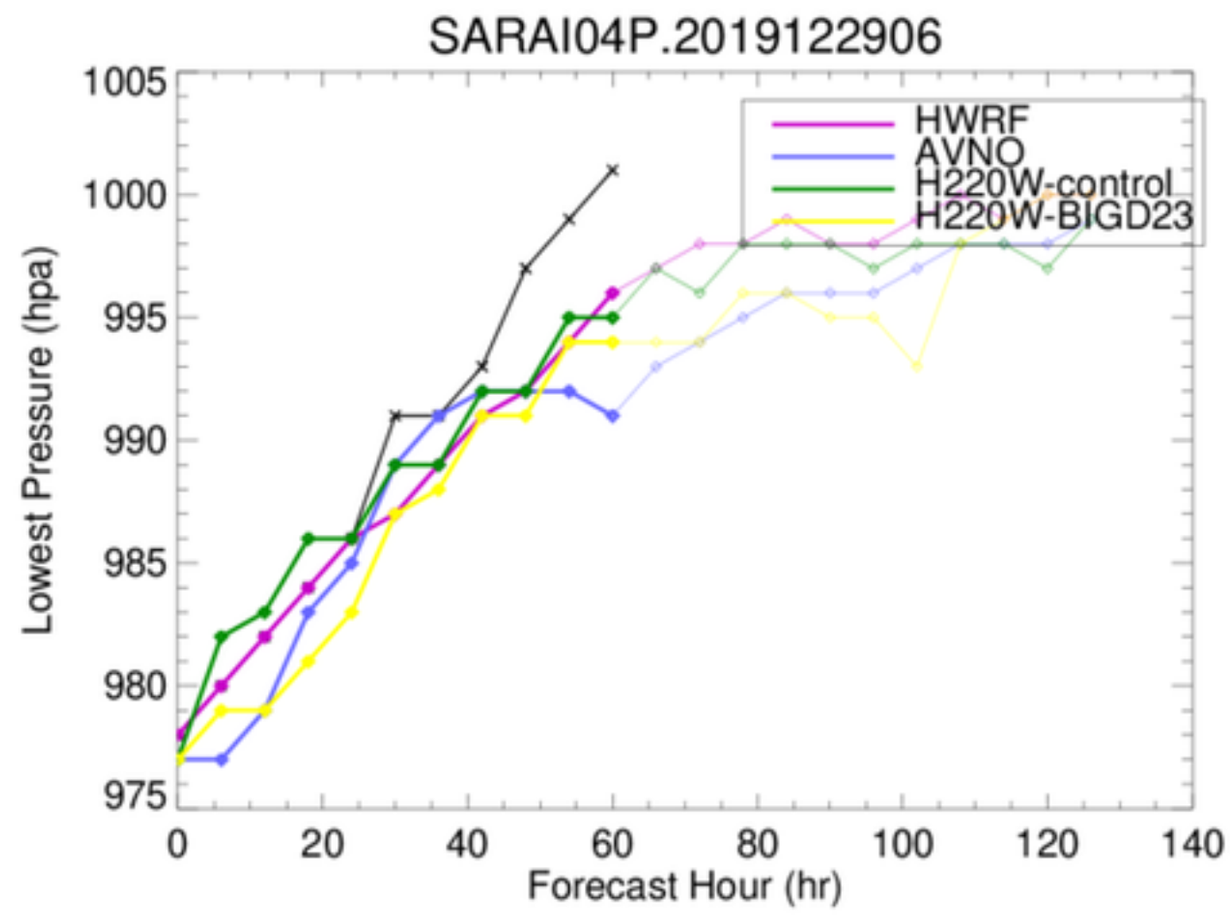

SARAI04P.2019122900
HWRF
AVNO
H220W-control
H220W-BIGD23
176
180
-176
-172
-168
-164
-160
-156
-14
-16
-18
-20
-22
-24
-26
-28

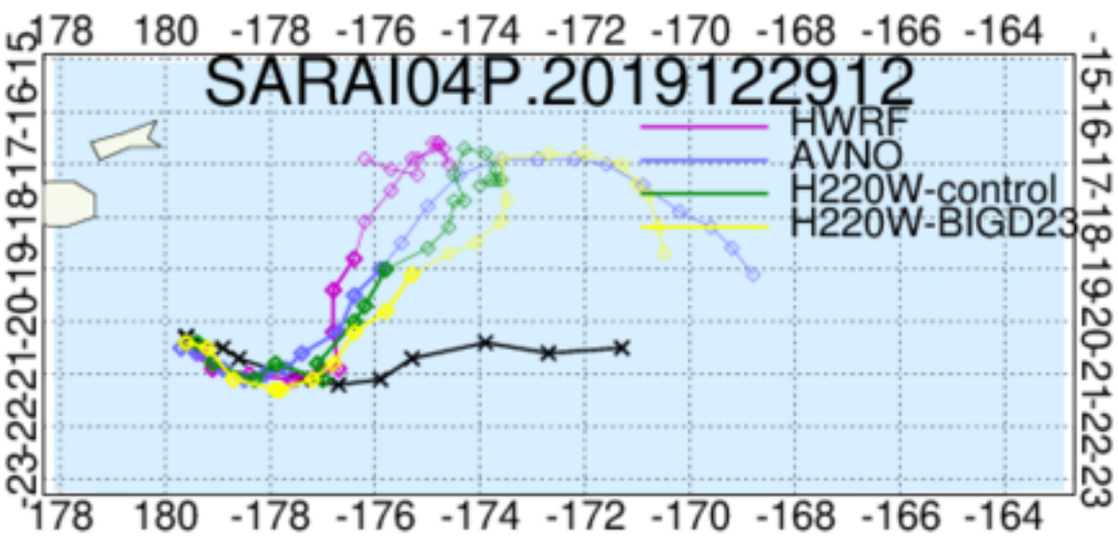

SARAI04P.2019122900
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
100
80
60
40
20
0
20
40
60
80
100
120
140

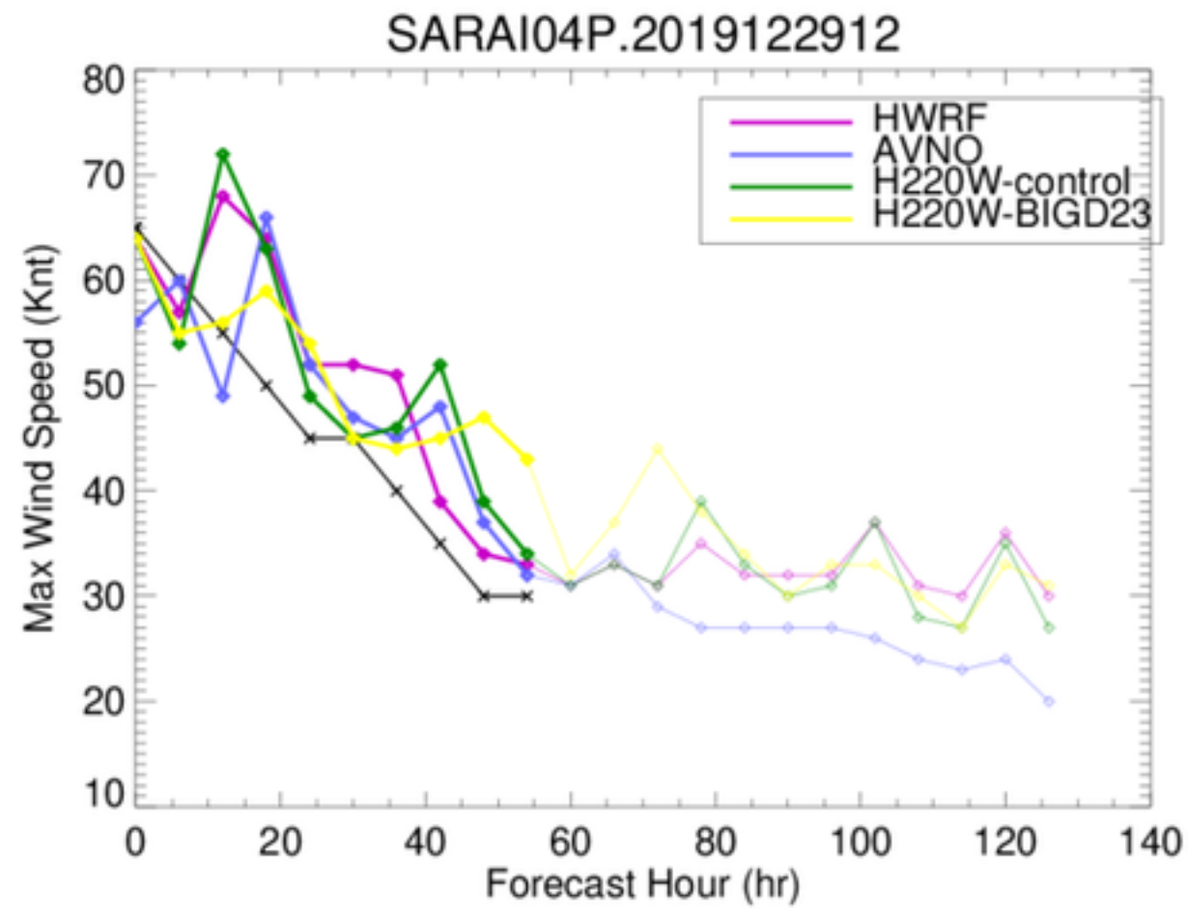

SARAI04P.2019122900
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
1010
1000
990
980
970
0
20
40
60
80
100
120
140

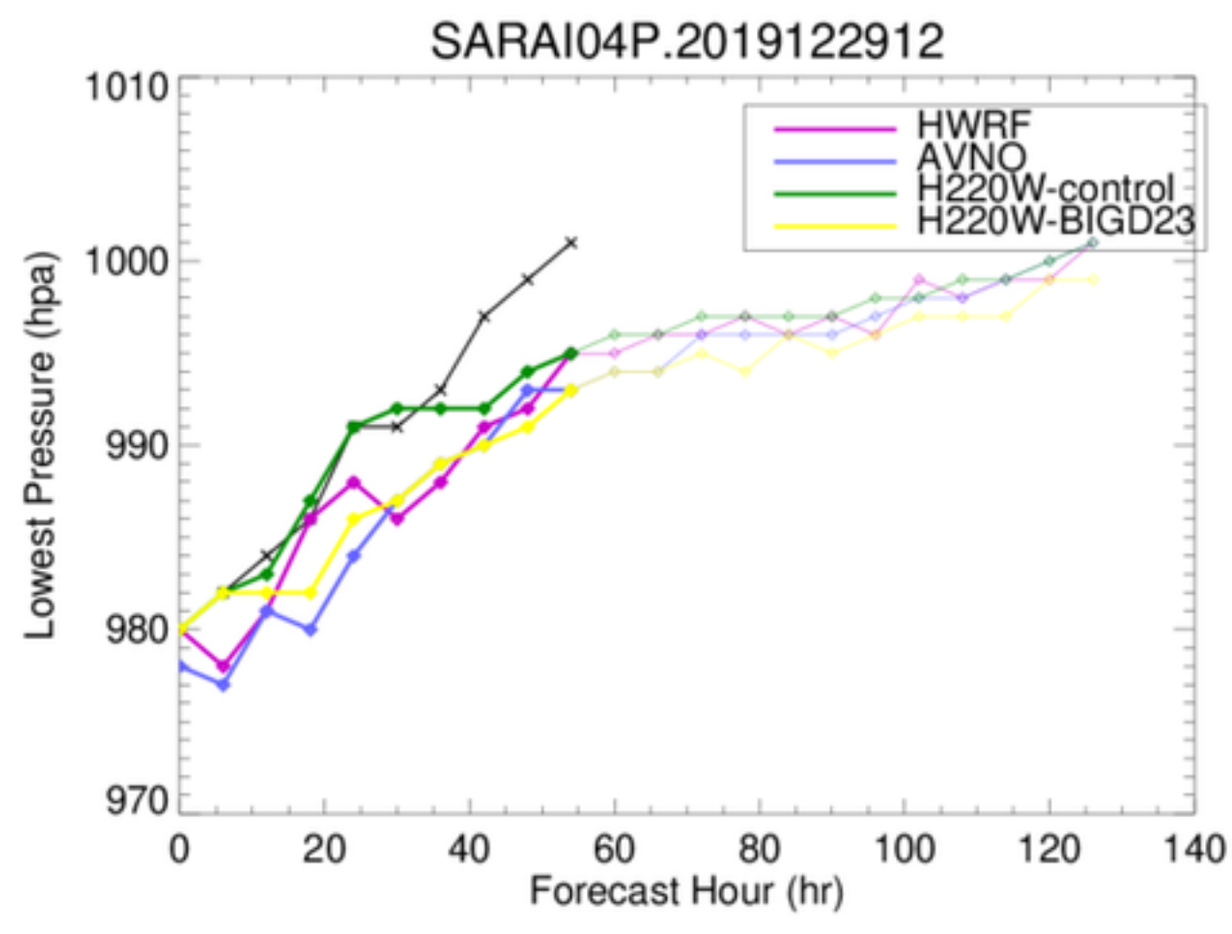

SARAI04P.2019122906
HWRF
AVNO
H220W-control
H220W-BIGD23
180
-176
-172
-168
-164
-23
-22
-21
-20
-19
-18
-17
-16
-15
-14
-14
-15
-16
-17
-18
-19
-20
-21
-22
-23

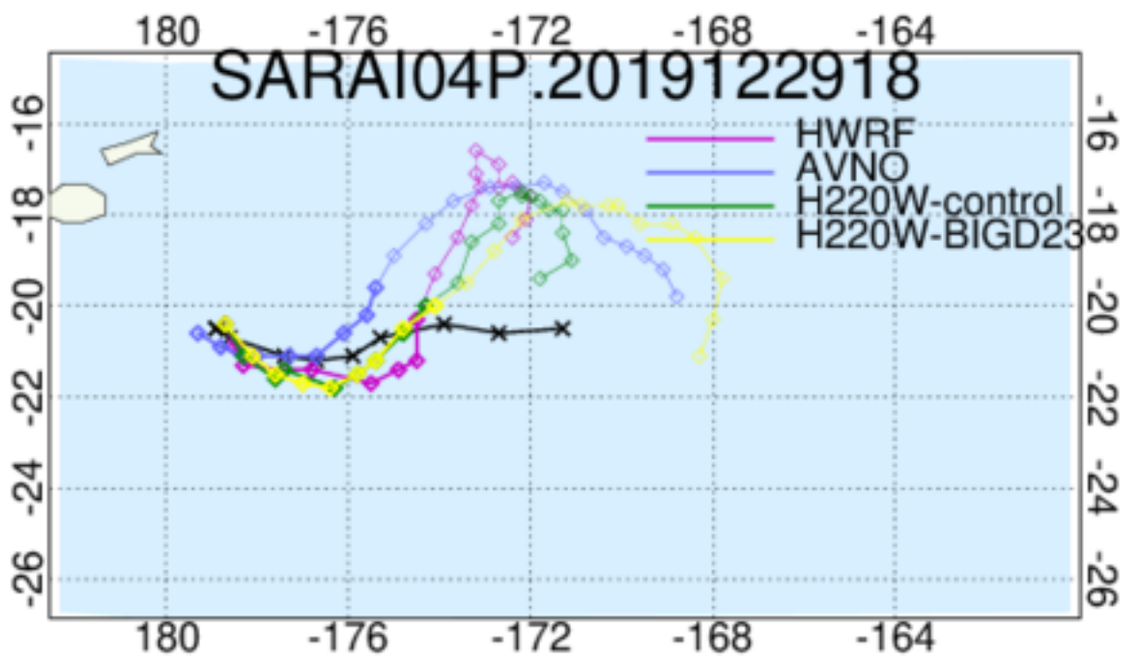

SARAI04P.2019122906
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
10
20
30
40
50
60
70
0
20
40
60
80
100
120
140

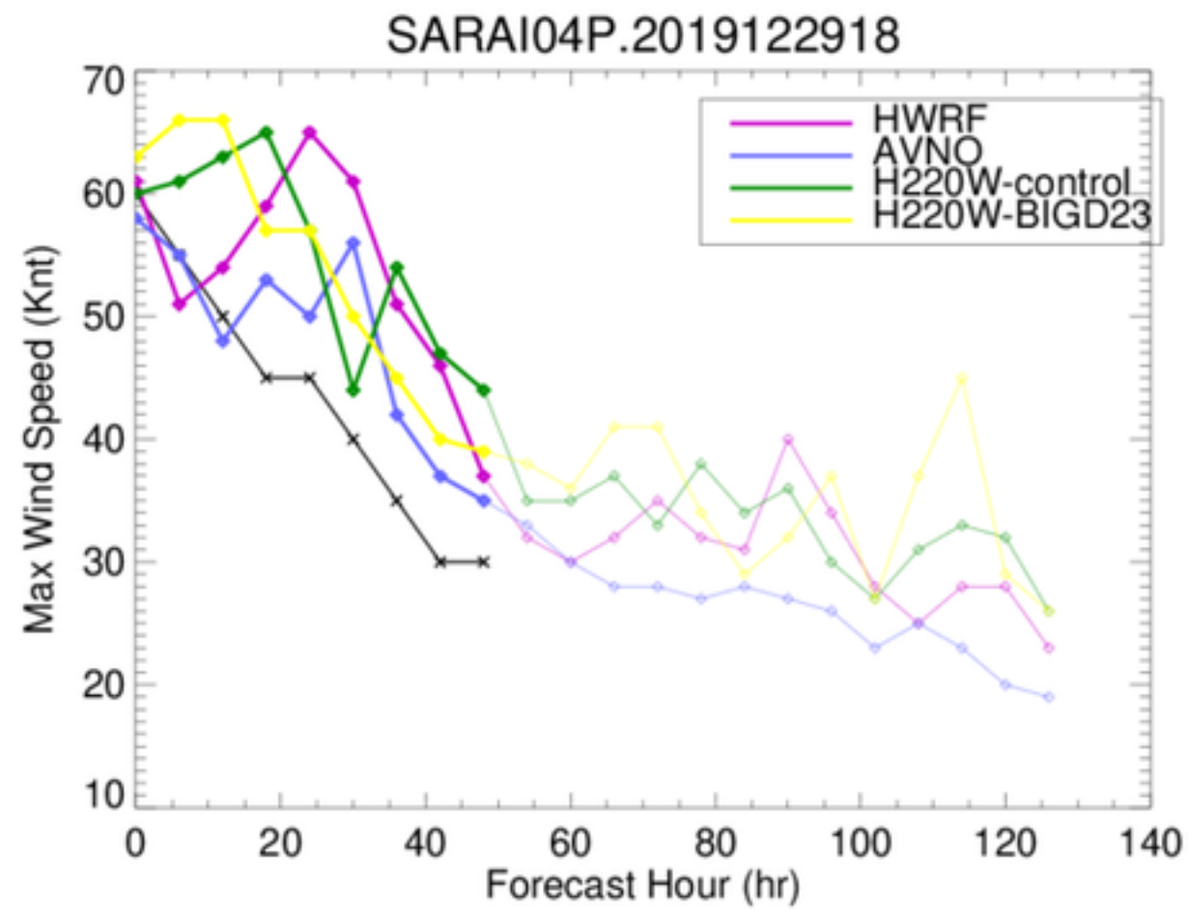

SARAI04P.2019122906
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
975
980
985
990
995
1000
1005
0
20
40
60
80
100
120
140

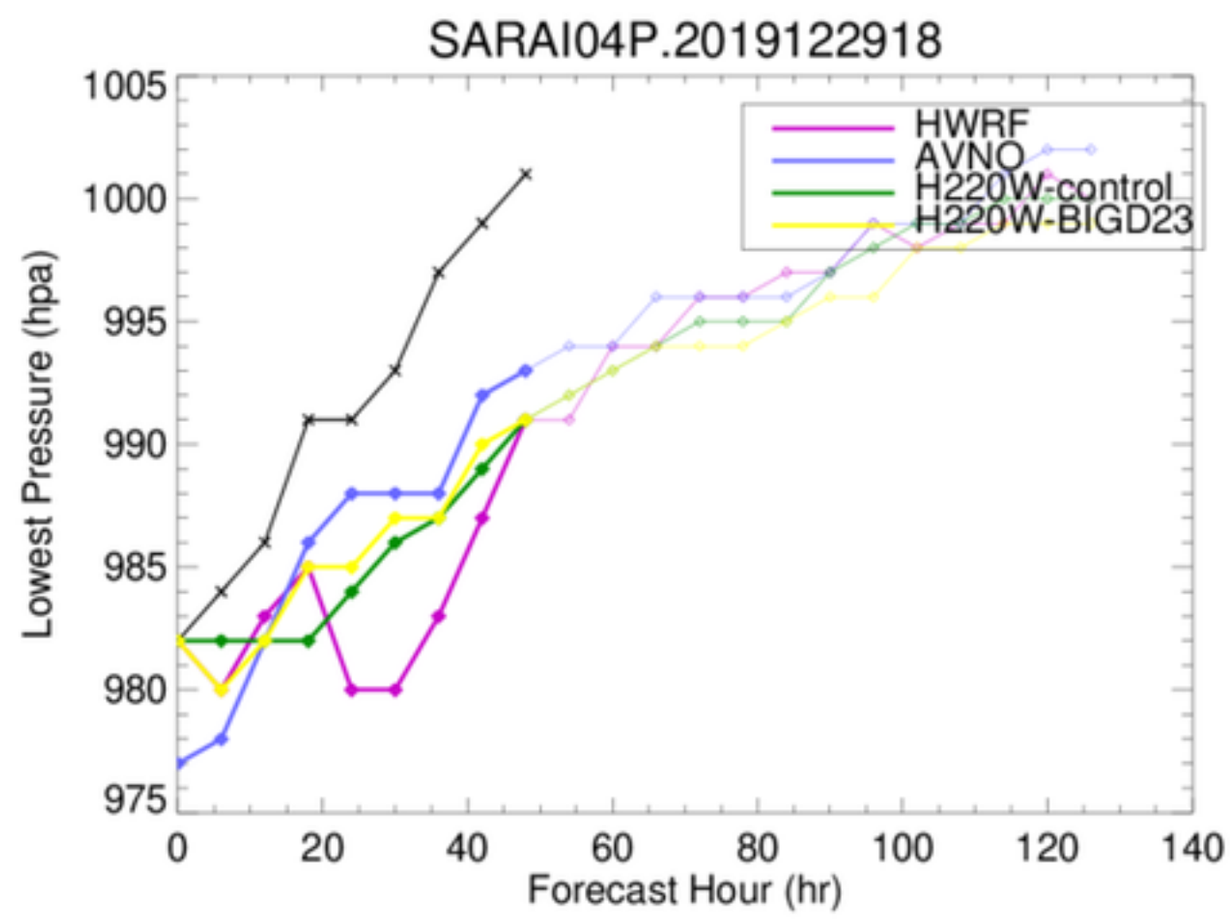

SARAI04P.2019122912
HWRF
AVNO
H220W-control
H220W-BIGD23
-178 180 -178 -176 -174 -172 -170 -168 -166 -164
-15 -16 -17 -18 -19 -20 -21 -22 -23

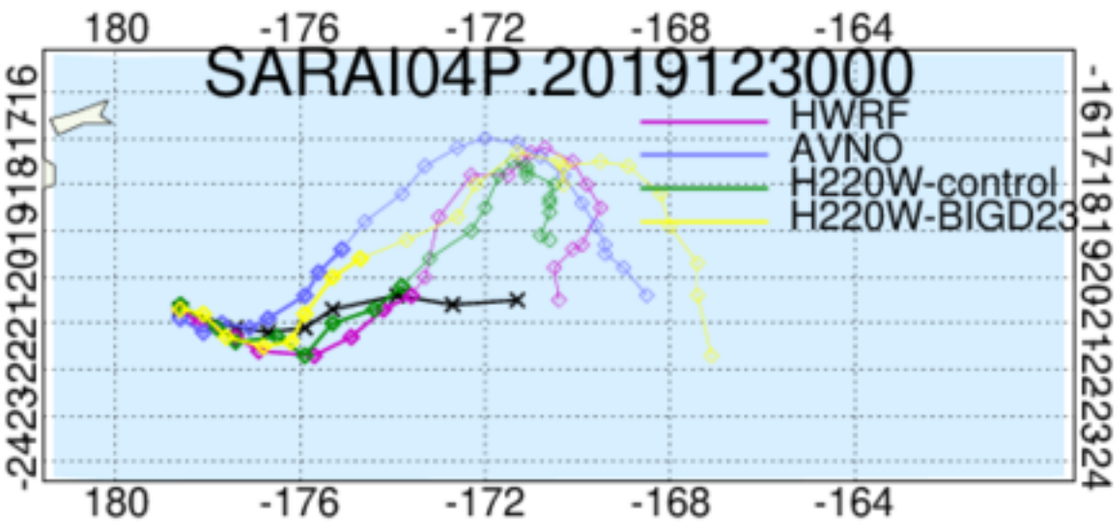

SARAI04P.2019122912
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
10 20 30 40 50 60 70 80
0 20 40 60 80 100 120 140

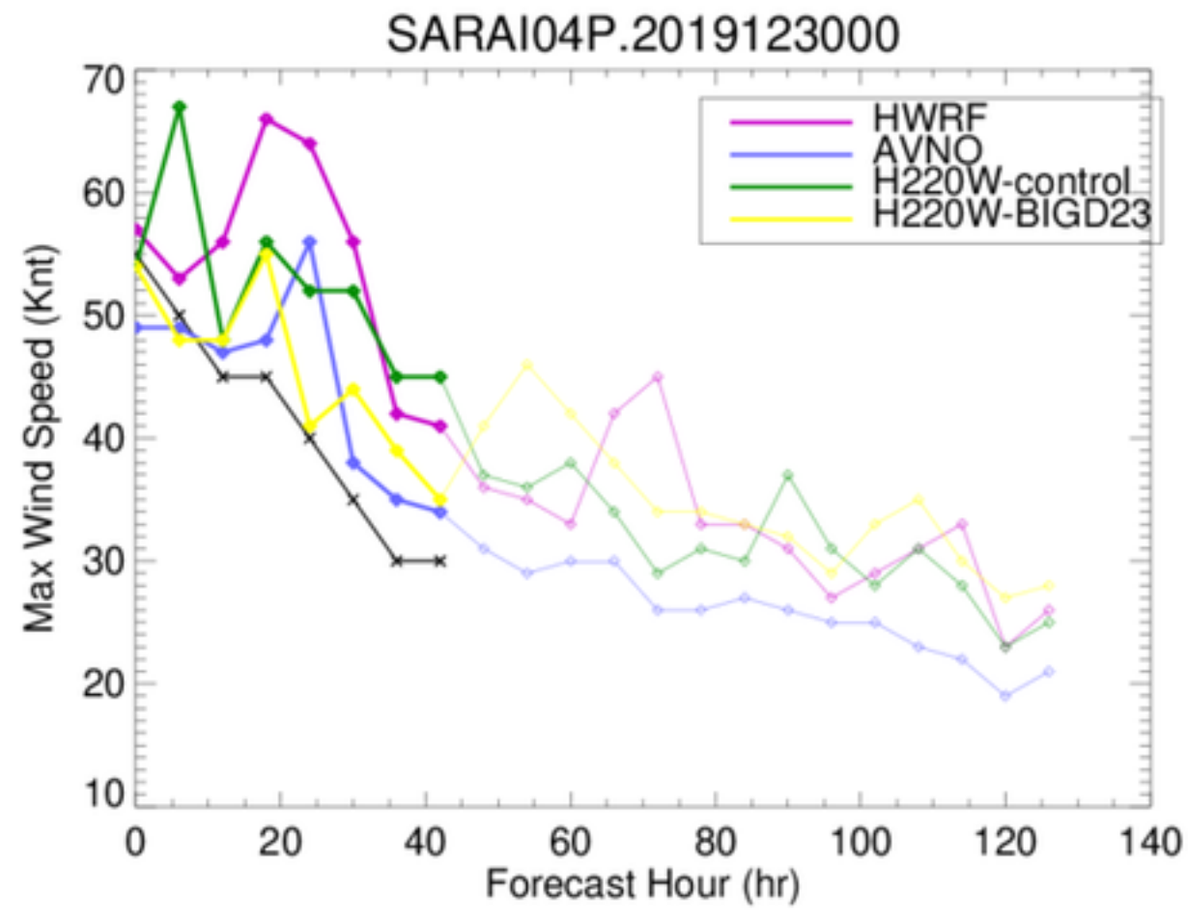

SARAI04P.2019122912
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
970 980 990 1000 1010
0 20 40 60 80 100 120 140

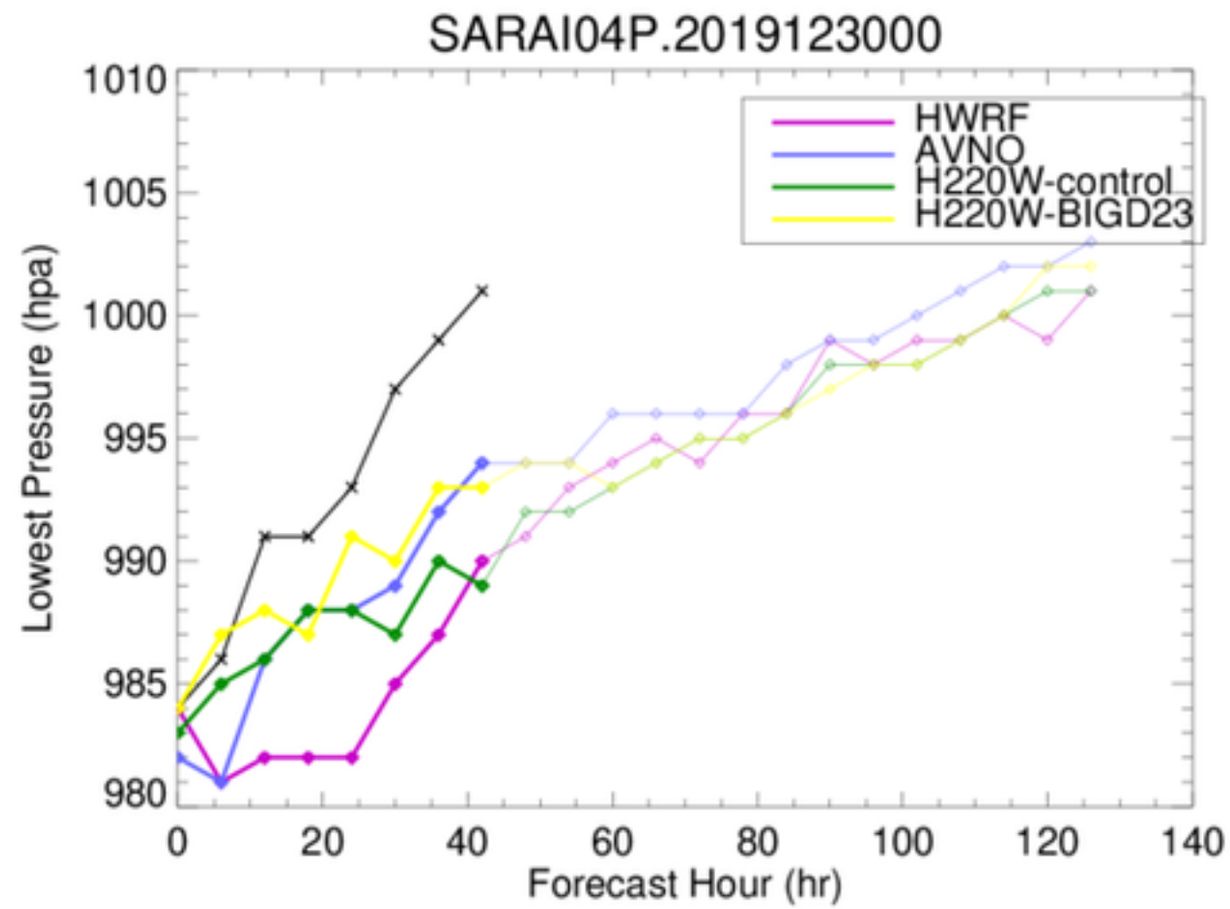

SARAI04P.2019122918
HWRF
AVNO
H220W-control
H220W-BIGD23
180
-176
-172
-168
-164
-16
-18
-20
-22
-24
-26

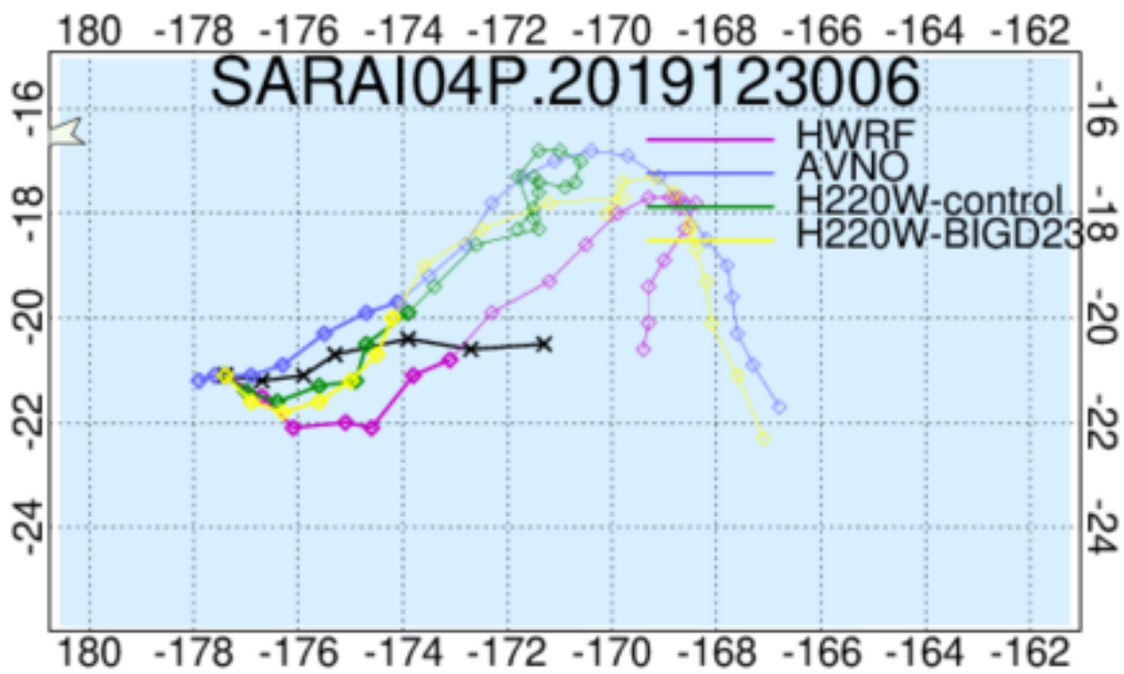

SARAI04P.2019122918
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
70
60
50
40
30
20
10
0
20
40
60
80
100
120
140

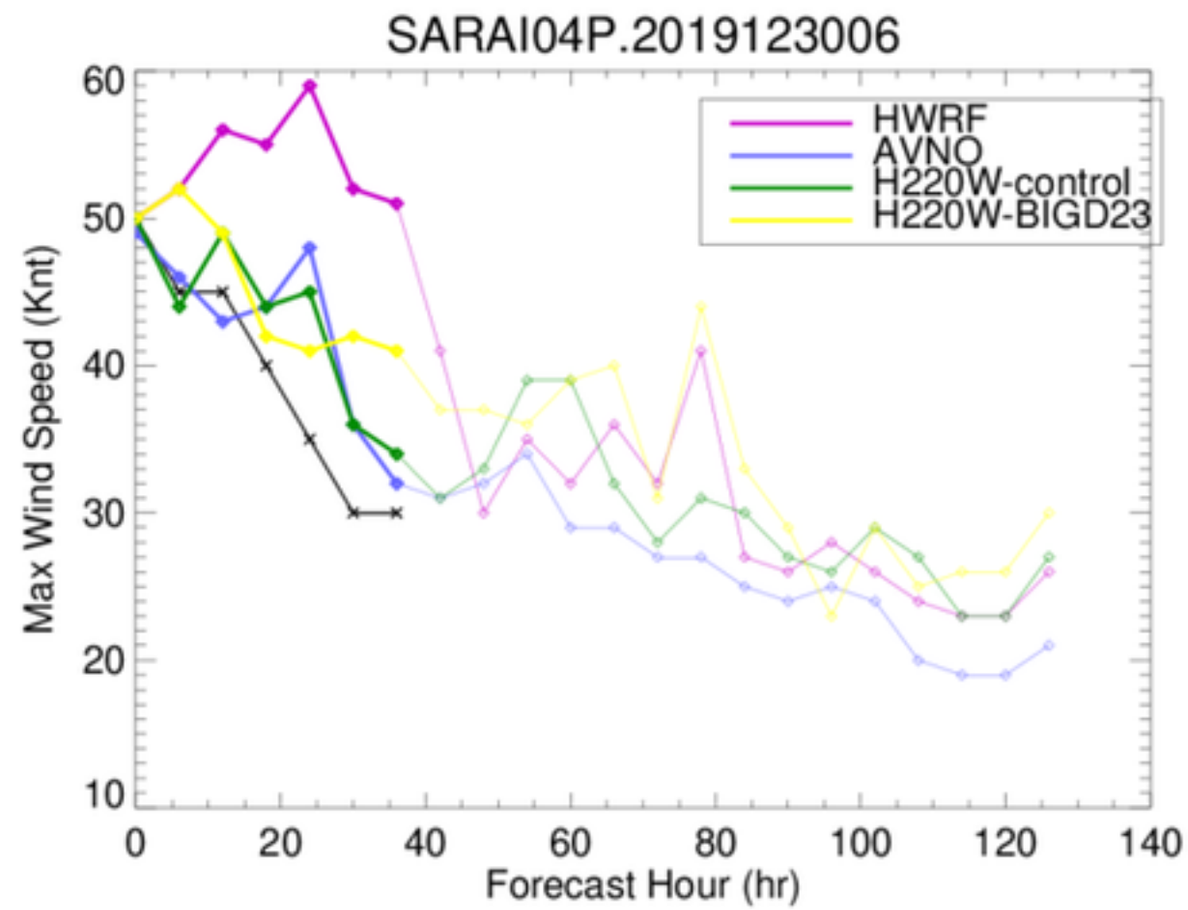

SARAI04P.2019122918
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
1005
1000
995
990
985
980
975
0
20
40
60
80
100
120
140

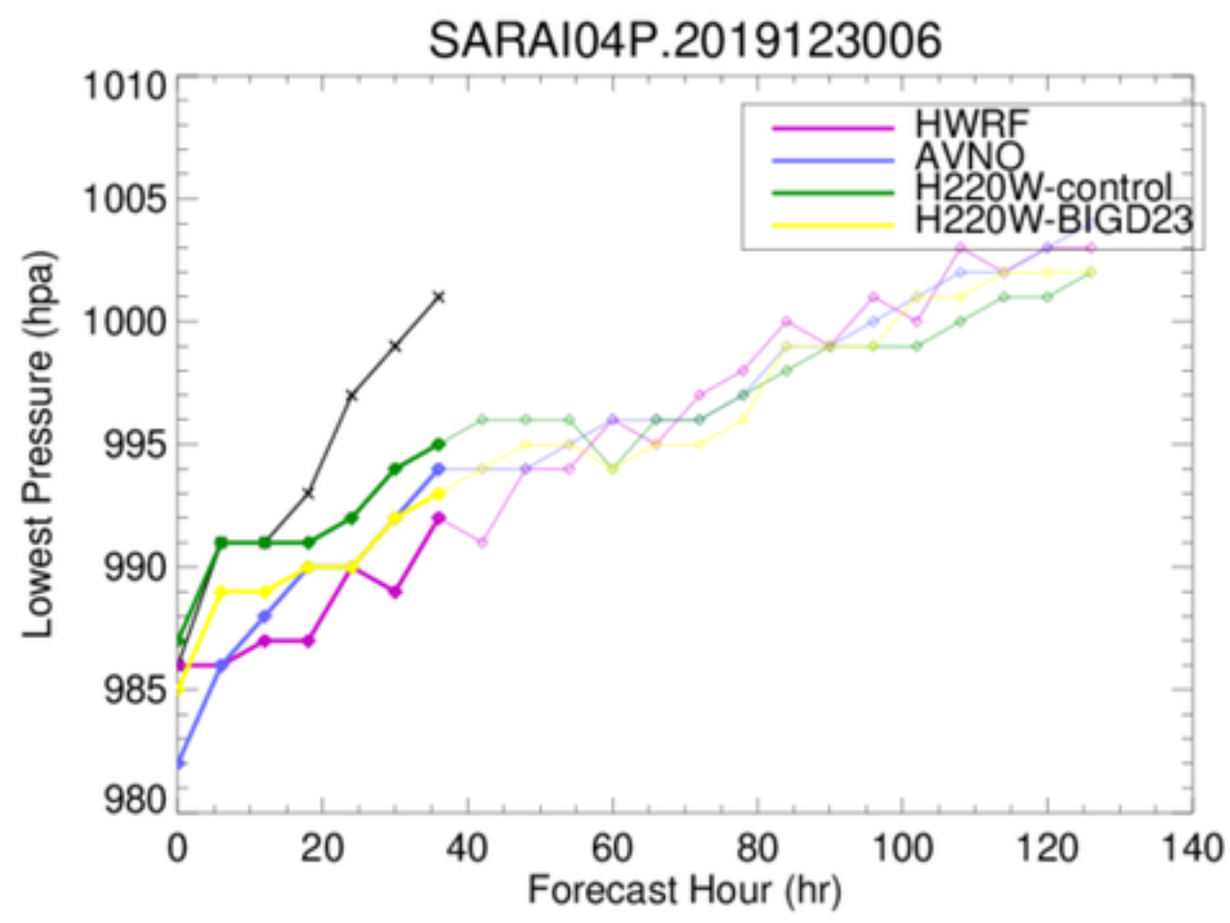

SARAI04P.2019123000
HWRF
AVNO
H220W-control
H220W-BIGD23
180
-176
-172
-168
-164
-24232221-20191817 16
-16171819202122232 4

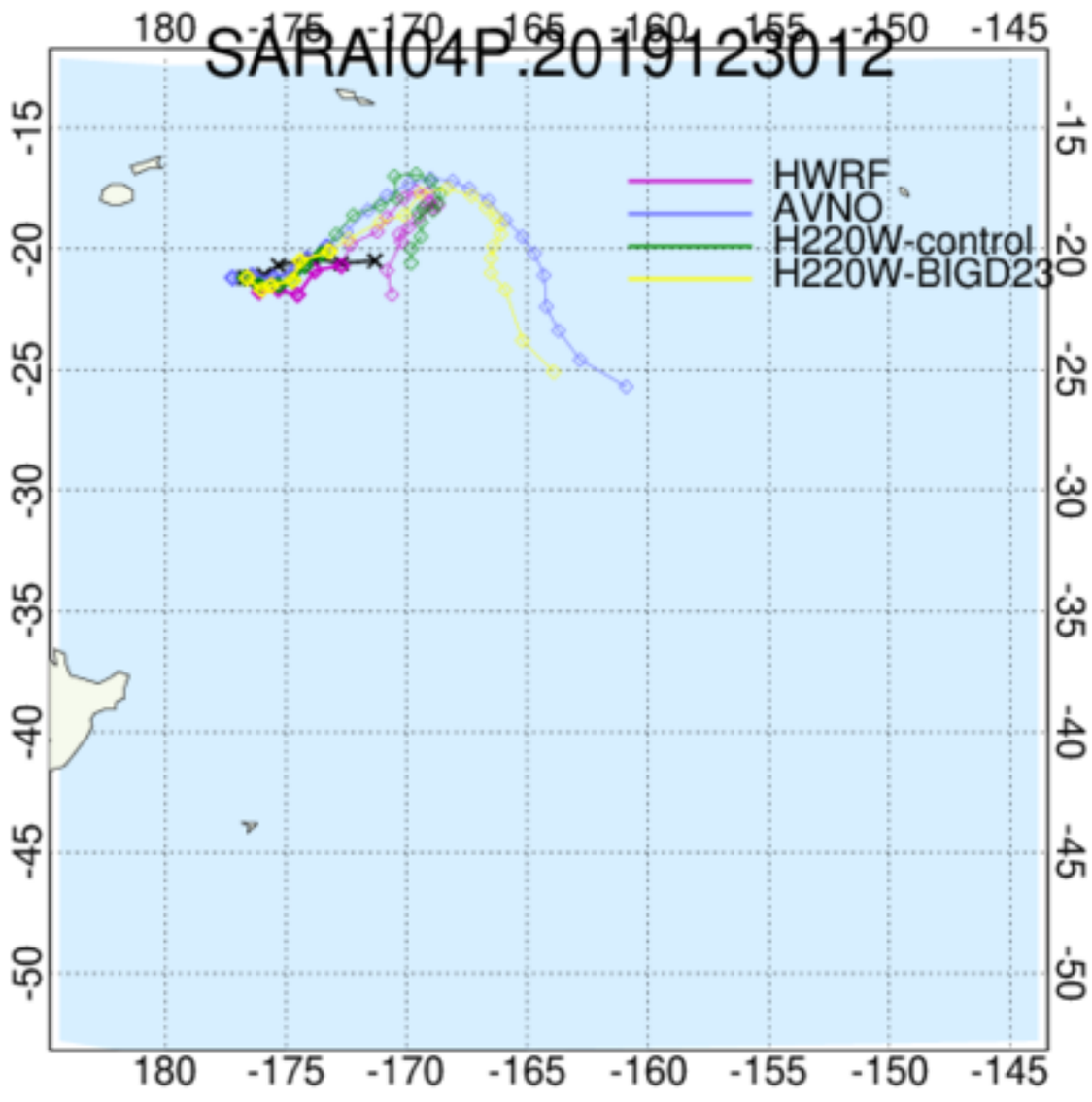

SARAI04P.2019123000
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
70
60
50
40
30
20
10
0
20
40
60
80
100
120
140

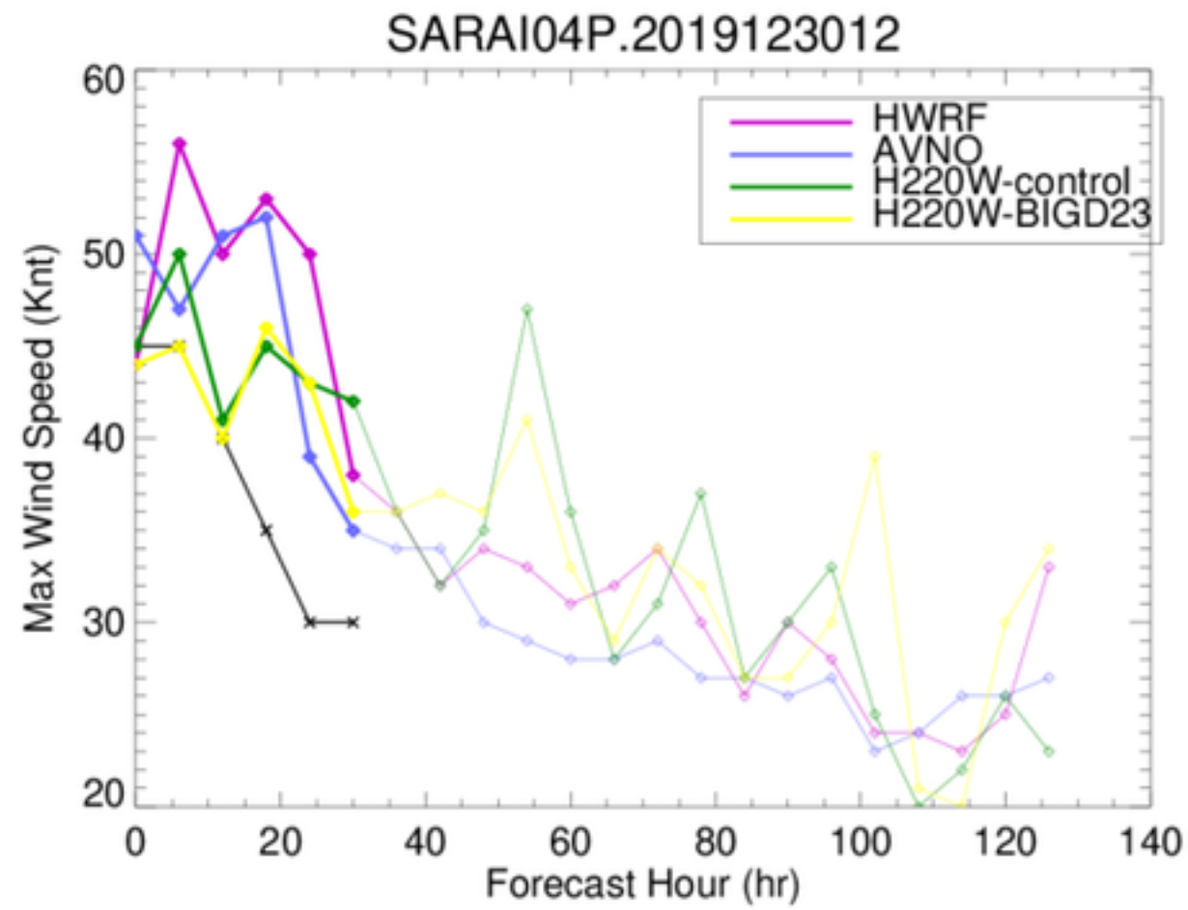

SARAI04P.2019123000
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
1010
1005
1000
995
990
985
980
0
20
40
60
80
100
120
140

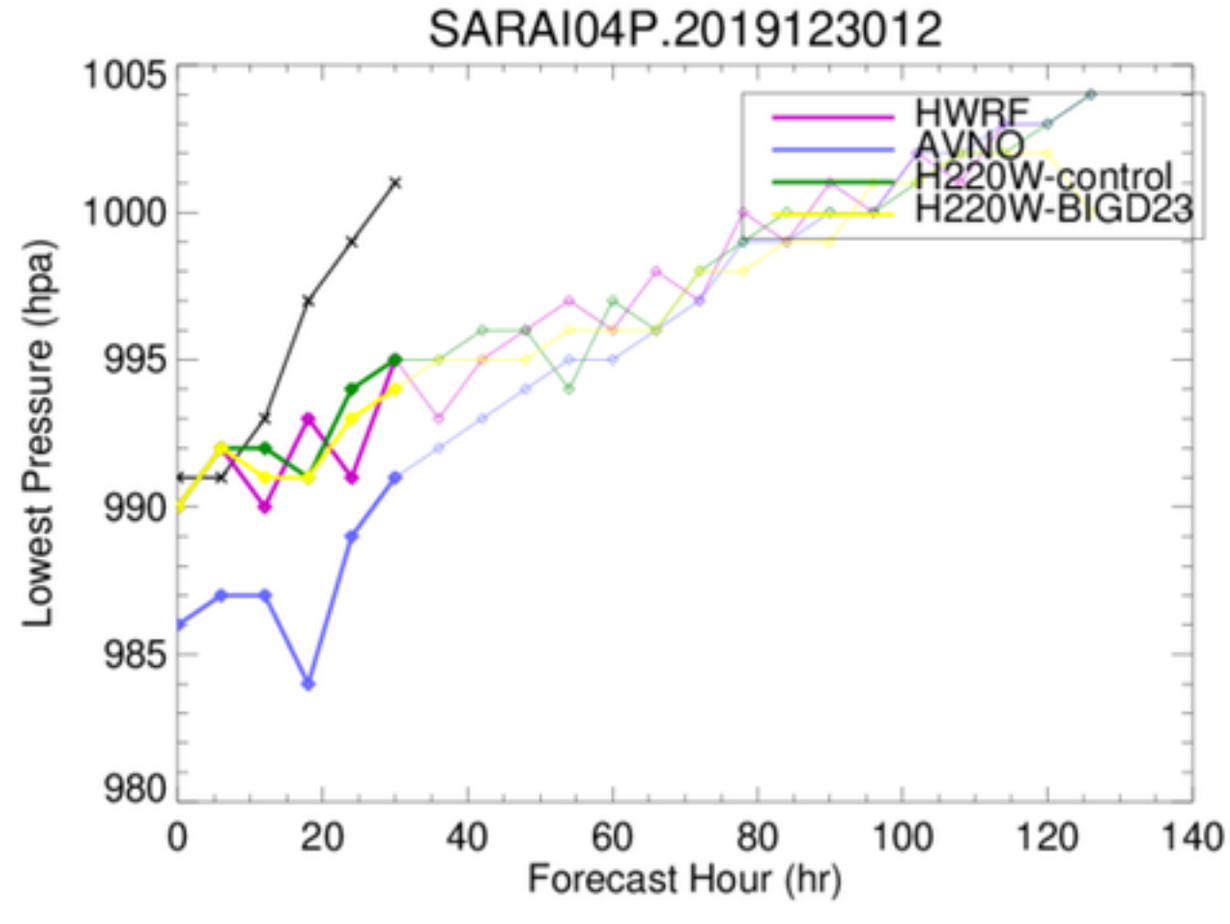

SARAI04P.2019123006
HWRF
AVNO
H220W-control
H220W-BIGD23
180 -178 -176 -174 -172 -170 -168 -166 -164 -162
-16 -18 -20 -22 -24

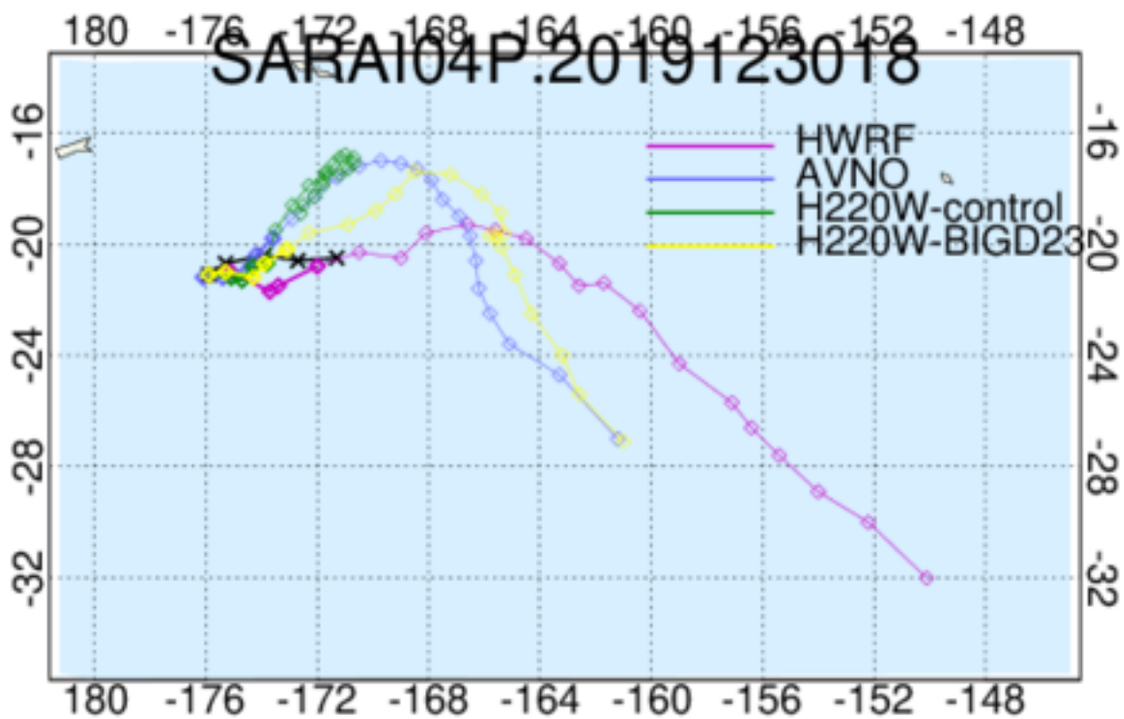

SARAI04P.2019123006
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
10 20 30 40 50 60
0 20 40 60 80 100 120 140

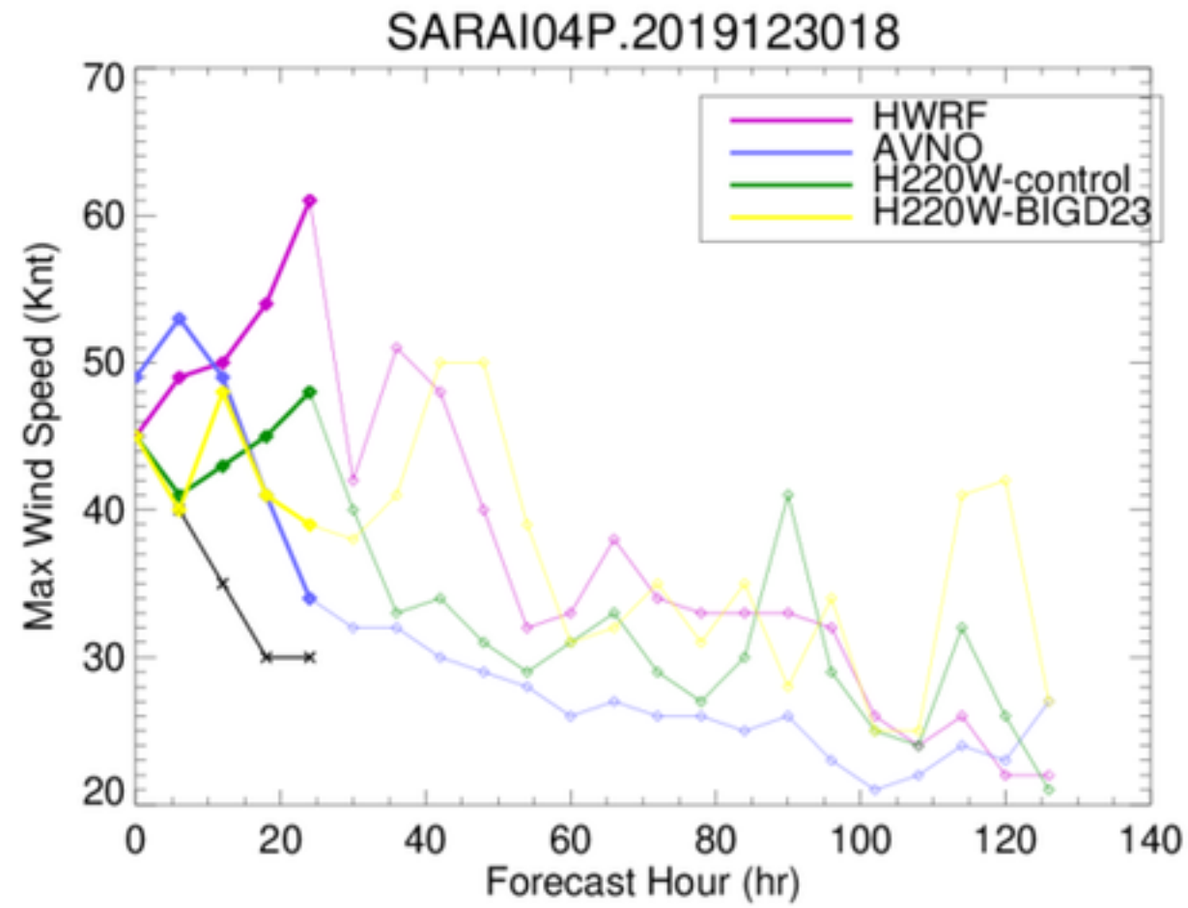

SARAI04P.2019123006
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
980 985 990 995 1000 1005 1010
0 20 40 60 80 100 120 140

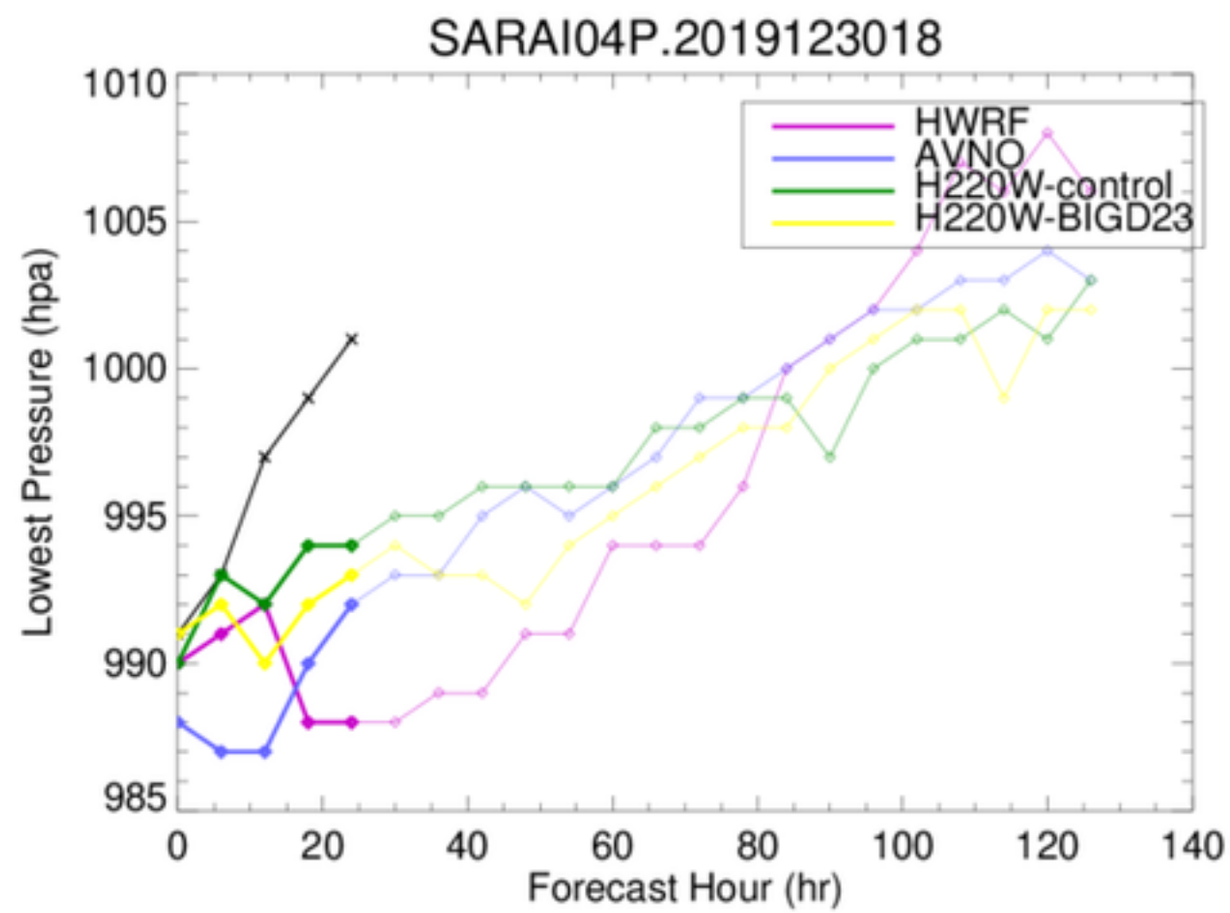

SARAI04P.2019123012
HWRF
AVNO
H220W-control
H220W-BIGD23
180
-175
-170
-165
-160
-155
-150
-145
-15
-20
-25
-30
-35
-40
-45
-50

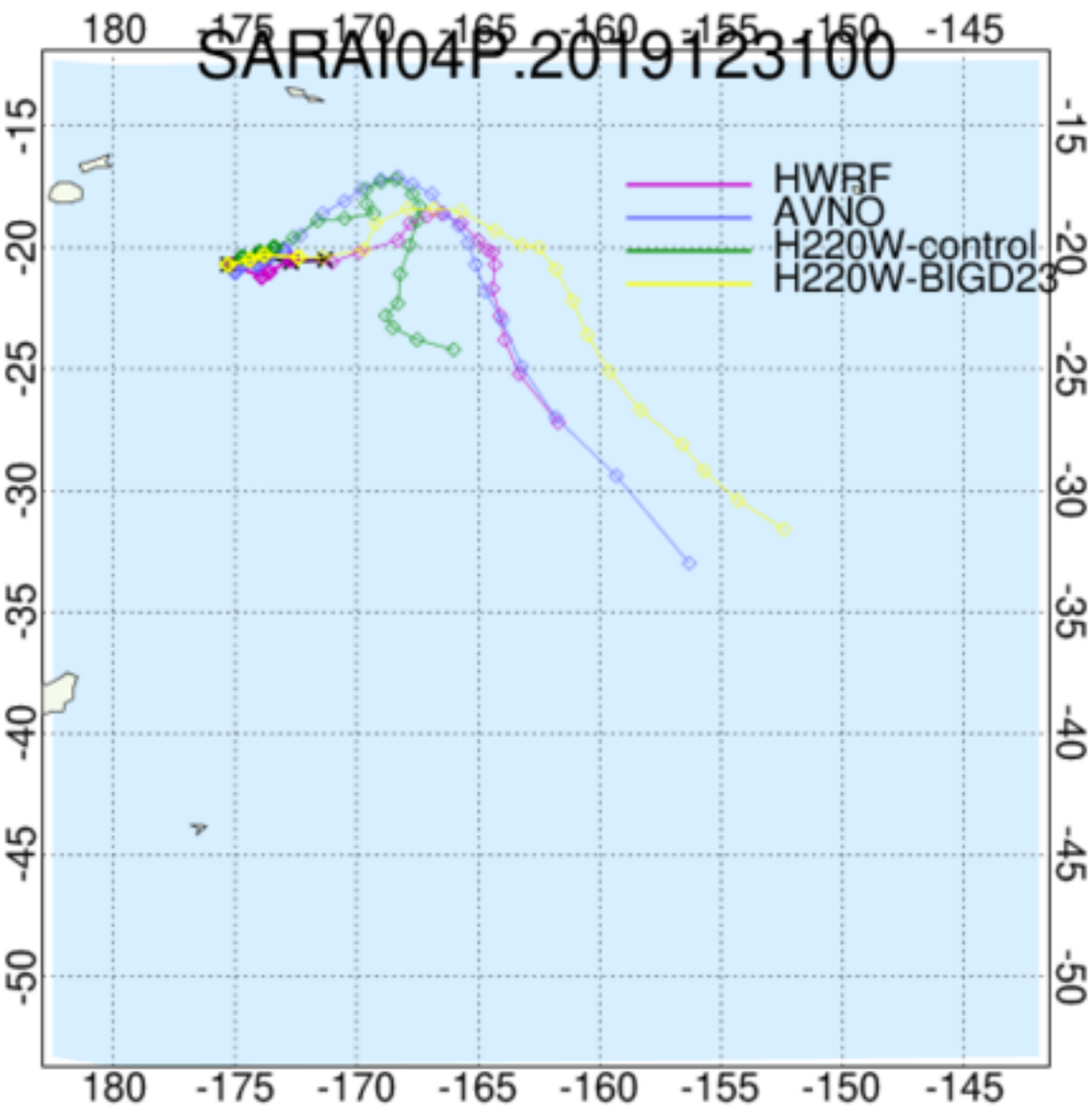

SARAI04P.2019123012
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
20
30
40
50
60
0
20
40
60
80
100
120
140

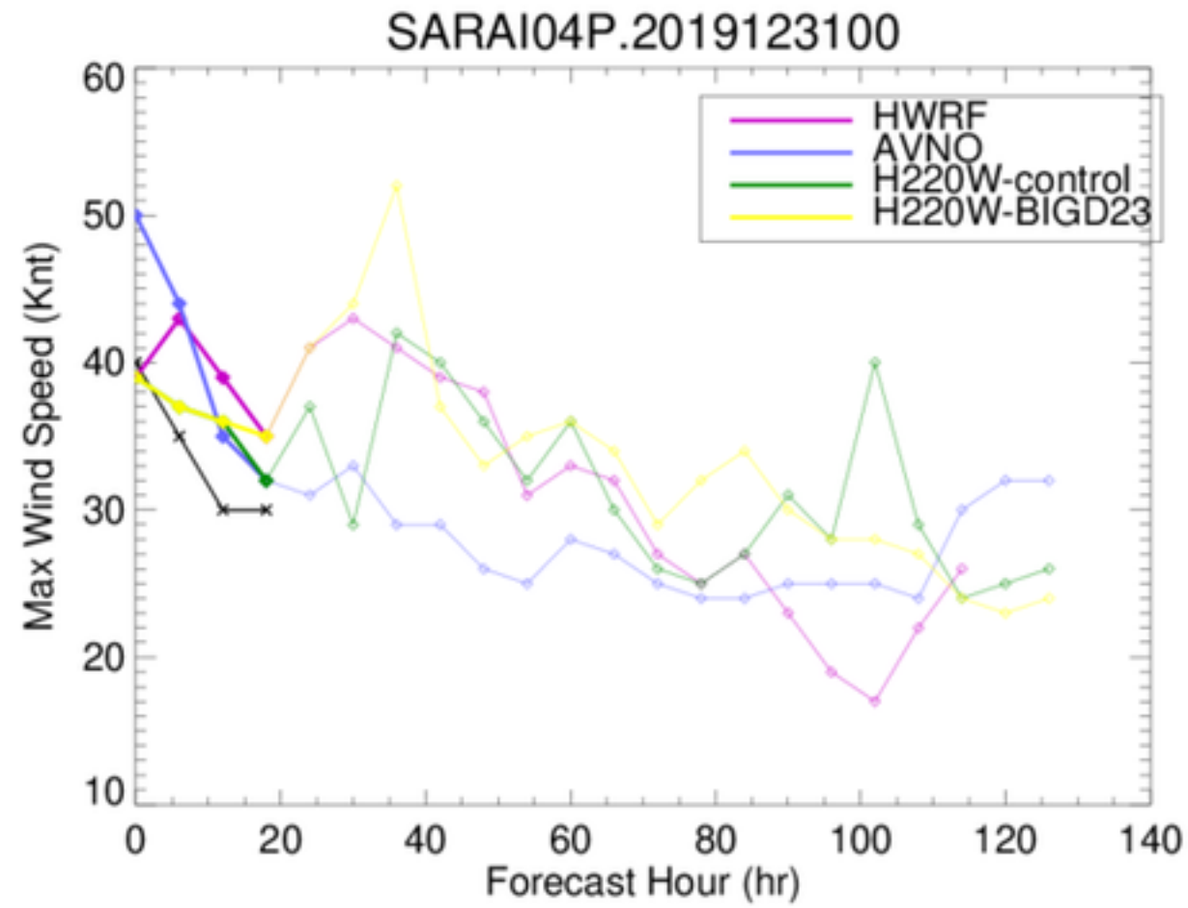

SARAI04P.2019123012
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
980
985
990
995
1000
1005
0
20
40
60
80
100
120
140

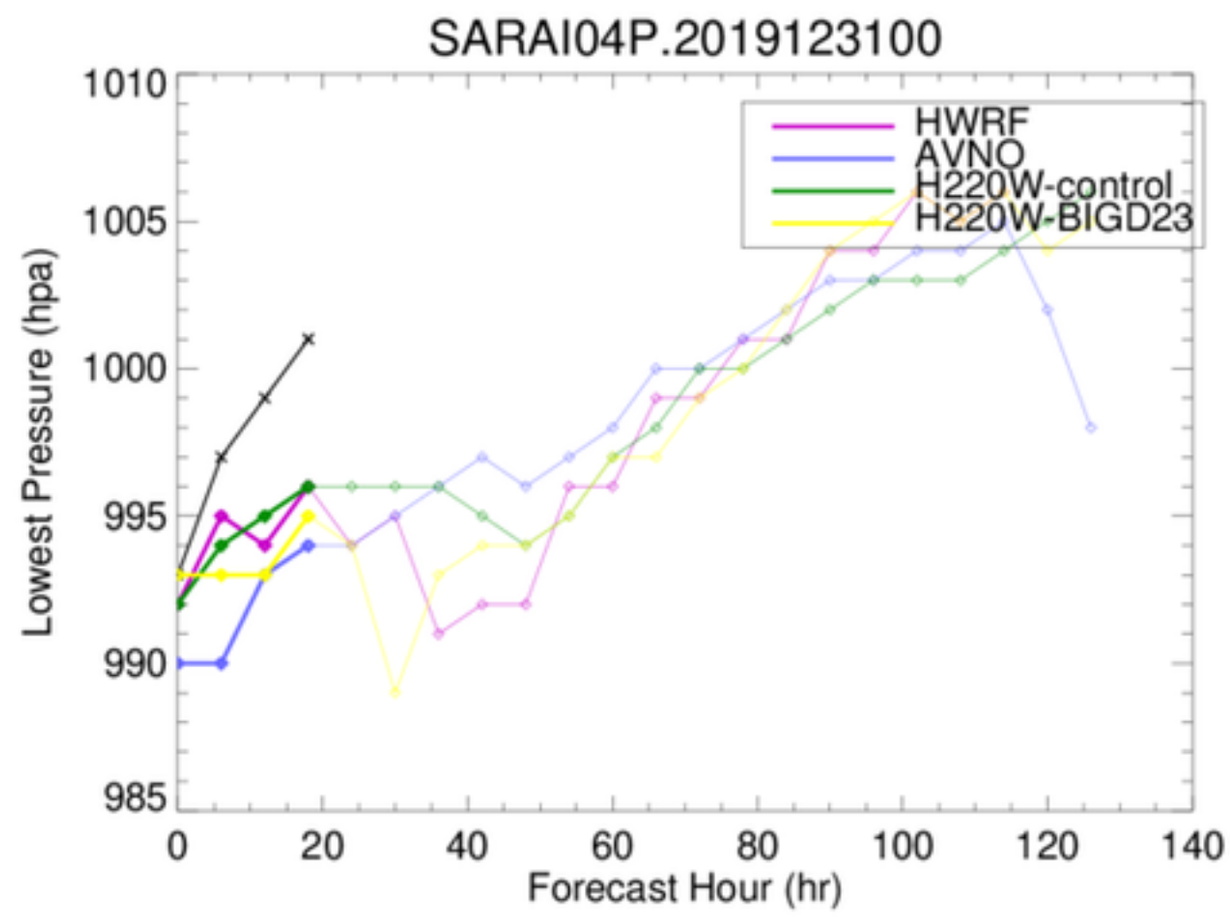

SARAI04P.2019123018
HWRF
AVNO
H220W-control
H220W-BIGD23
180 -176 -172 -168 -164 -160 -156 -152 -148
-16 -20 -24 -28 -32

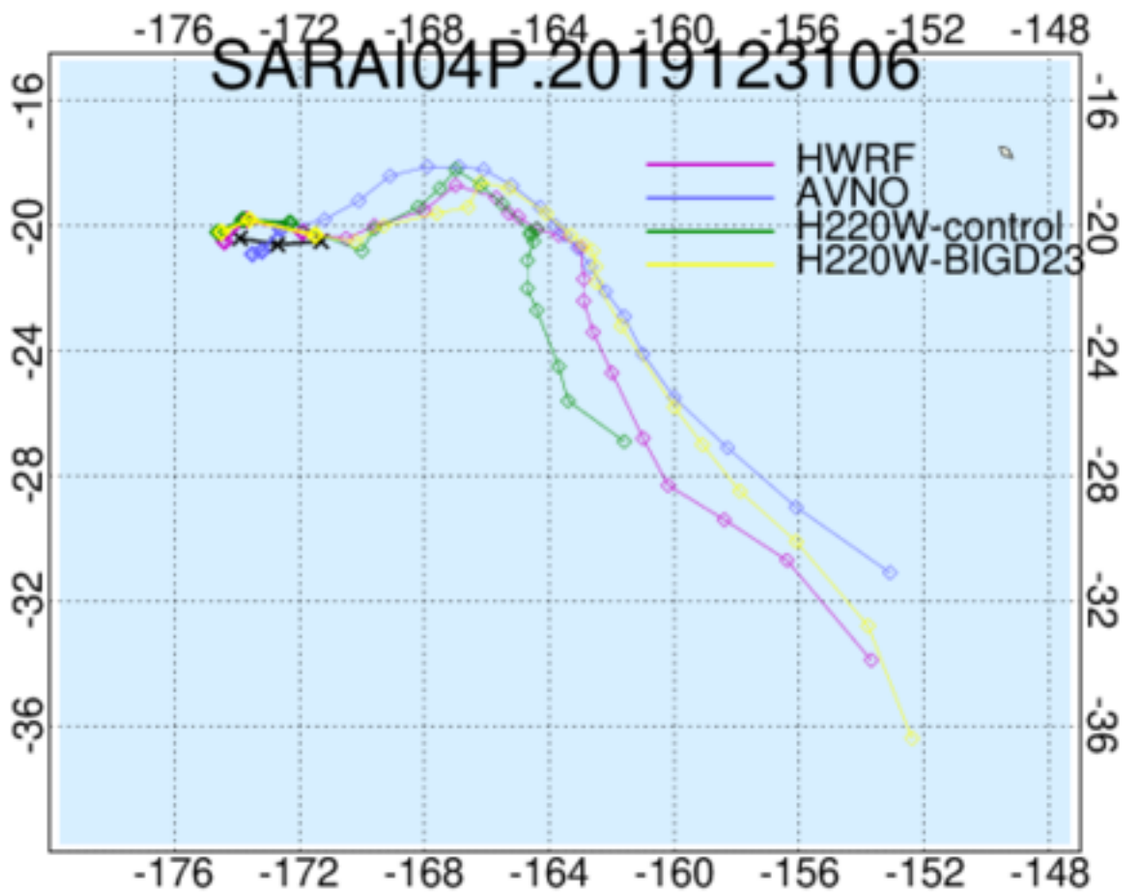

SARAI04P.2019123018
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
20 30 40 50 60 70
0 20 40 60 80 100 120 140

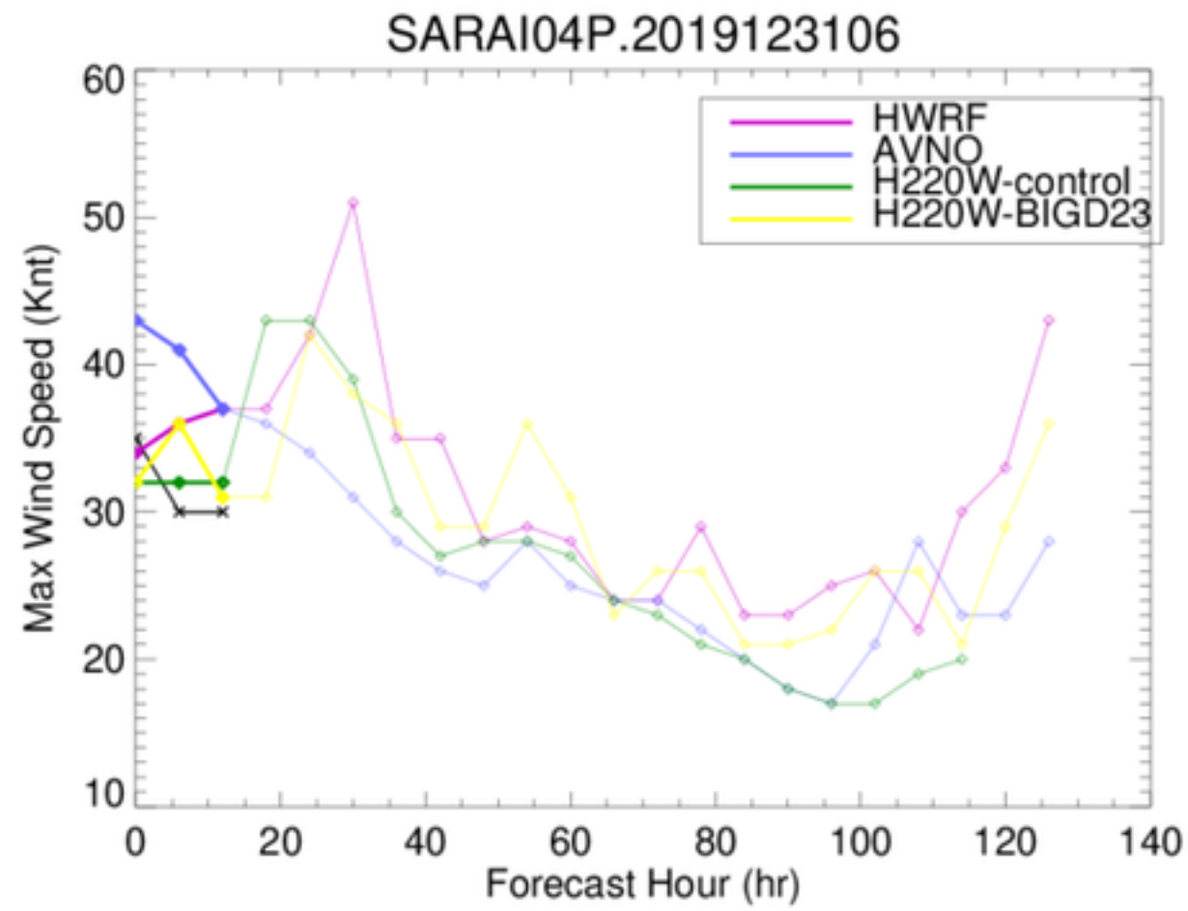

SARAI04P.2019123018
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
985 990 995 1000 1005 1010
0 20 40 60 80 100 120 140

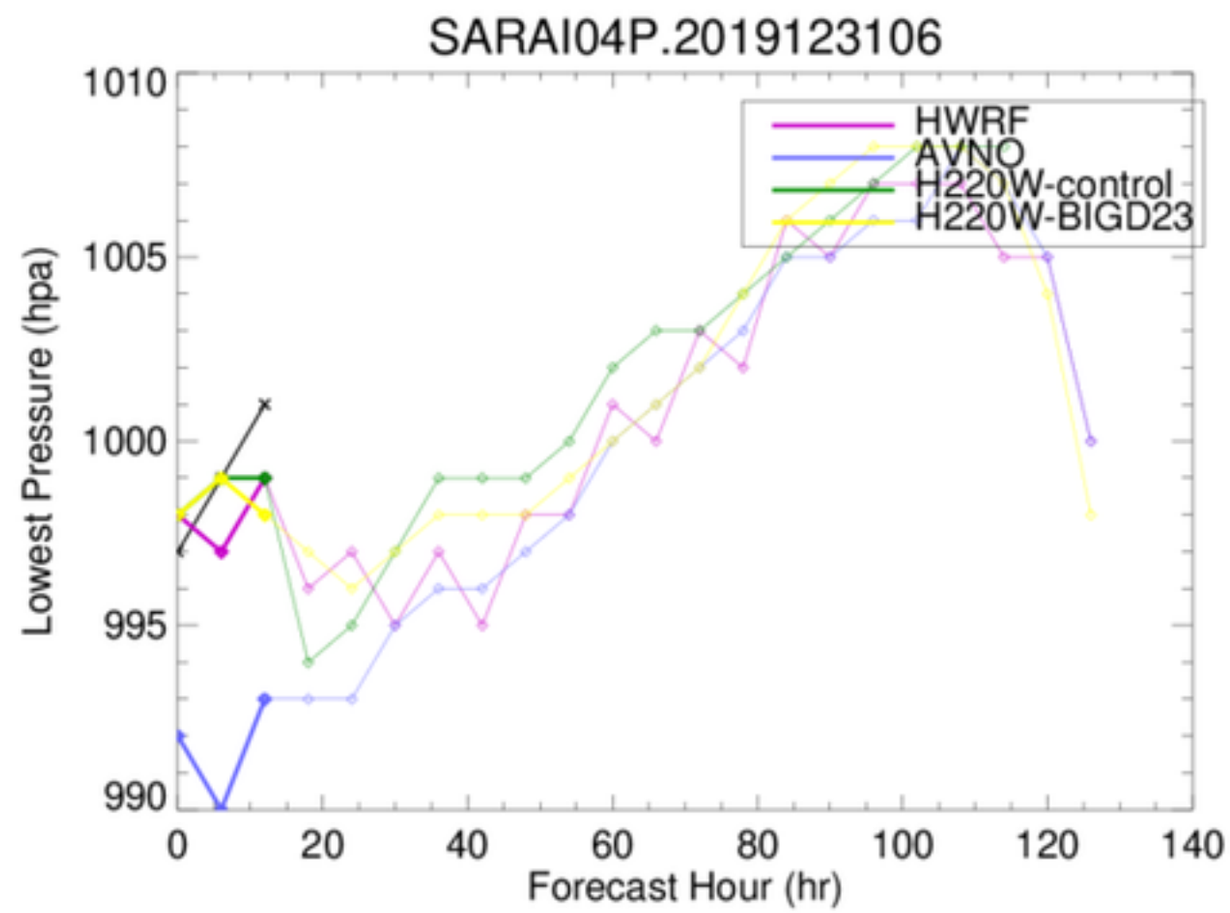

SARAI04P.2019123100
HWRF
AVNO
H220W-control
H220W-BIGD23
180
-175
-170
-165
-160
-155
-150
-145
-15
-20
-25
-30
-35
-40
-45
-50

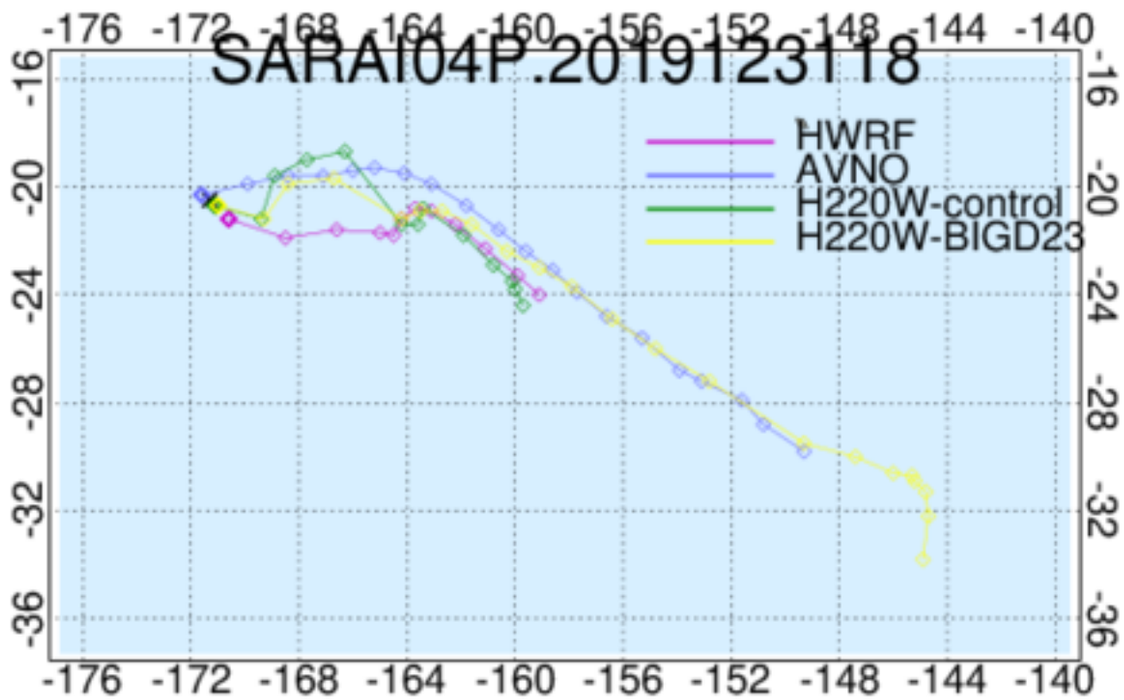

SARAI04P.2019123100
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
10
20
30
40
50
60
0
20
40
60
80
100
120
140

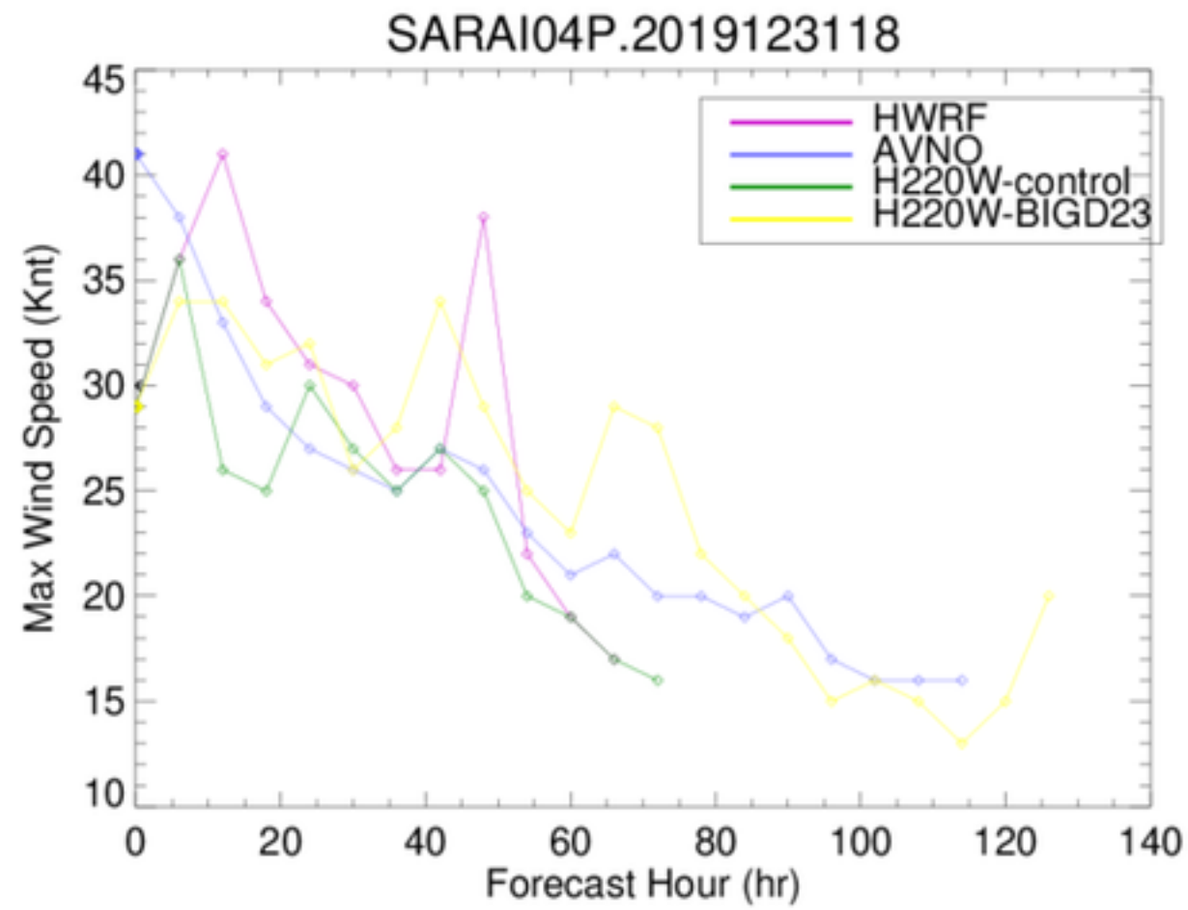

SARAI04P.2019123100
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
985
990
995
1000
1005
1010
0
20
40
60
80
100
120
140

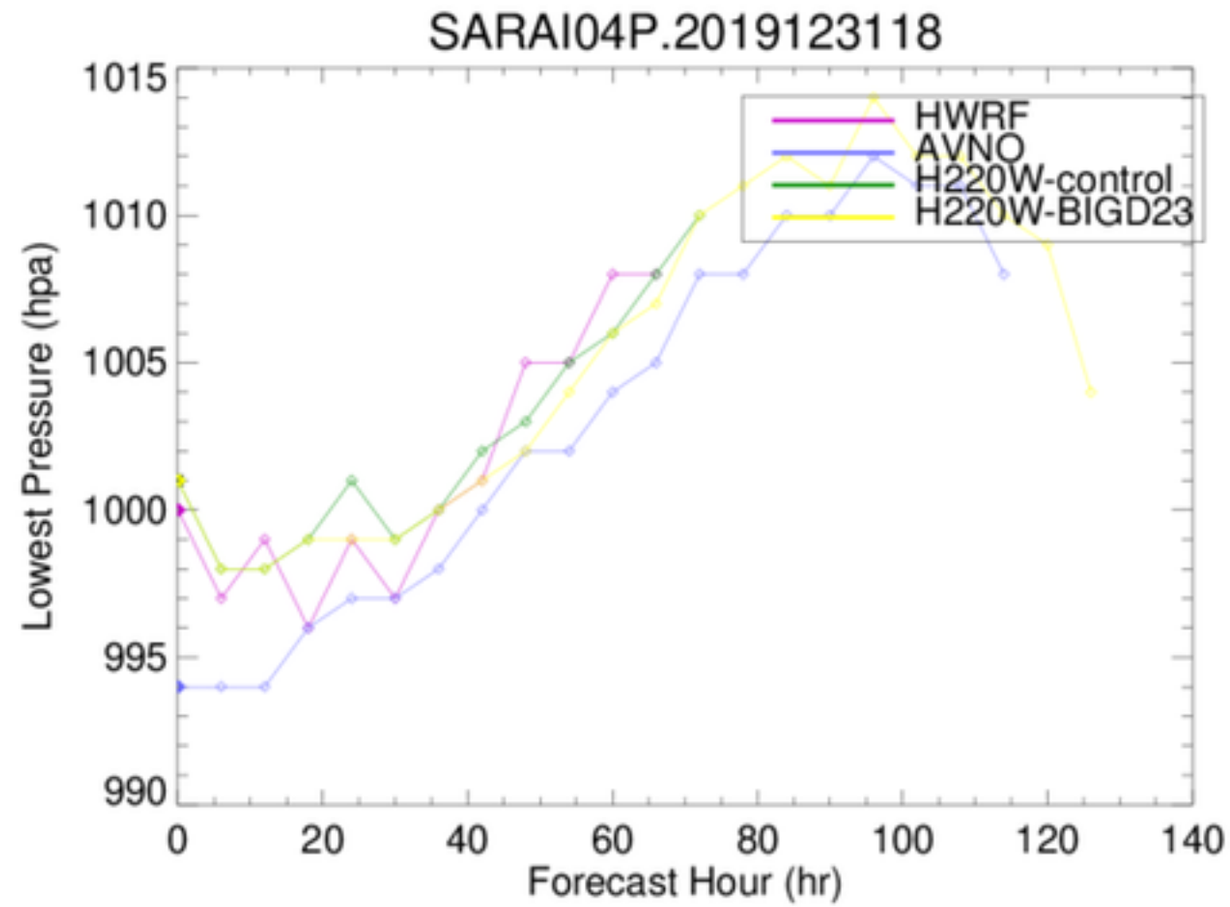

SARAI04P.2019123106
HWRF
AVNO
H220W-control
H220W-BIGD23
-176 -172 -168 -164 -160 -156 -152 -148
-16 -20 -24 -28 -32 -36


SARAI04P.2019123106
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
10 20 30 40 50 60
0 20 40 60 80 100 120 140
Forecast Hour (hr)


SARAI04P.2019123106
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
990 995 1000 1005 1010
0 20 40 60 80 100 120 140
Forecast Hour (hr)


SARAI04P.2019123118
HWRF
AVNO
H220W-control
H220W-BIGD23
-176 -172 -168 -164 -160 -156 -152 -148 -144 -140
-16 -20 -24 -28 -32 -36


SARAI04P.2019123118
HWRF
AVNO
H220W-control
H220W-BIGD23
Max Wind Speed (Knt)
Forecast Hour (hr)
10 15 20 25 30 35 40 45
0 20 40 60 80 100 120 140


SARAI04P.2019123118
HWRF
AVNO
H220W-control
H220W-BIGD23
Lowest Pressure (hpa)
Forecast Hour (hr)
990 995 1000 1005 1010 1015
0 20 40 60 80 100 120 140