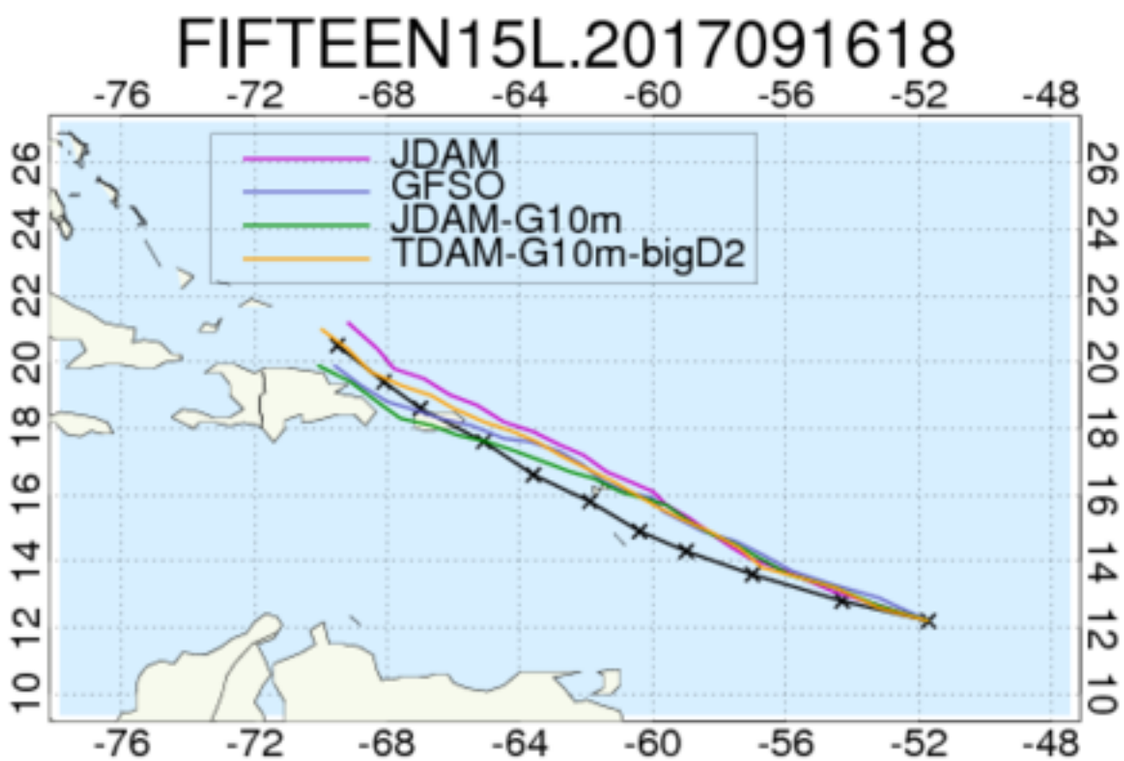
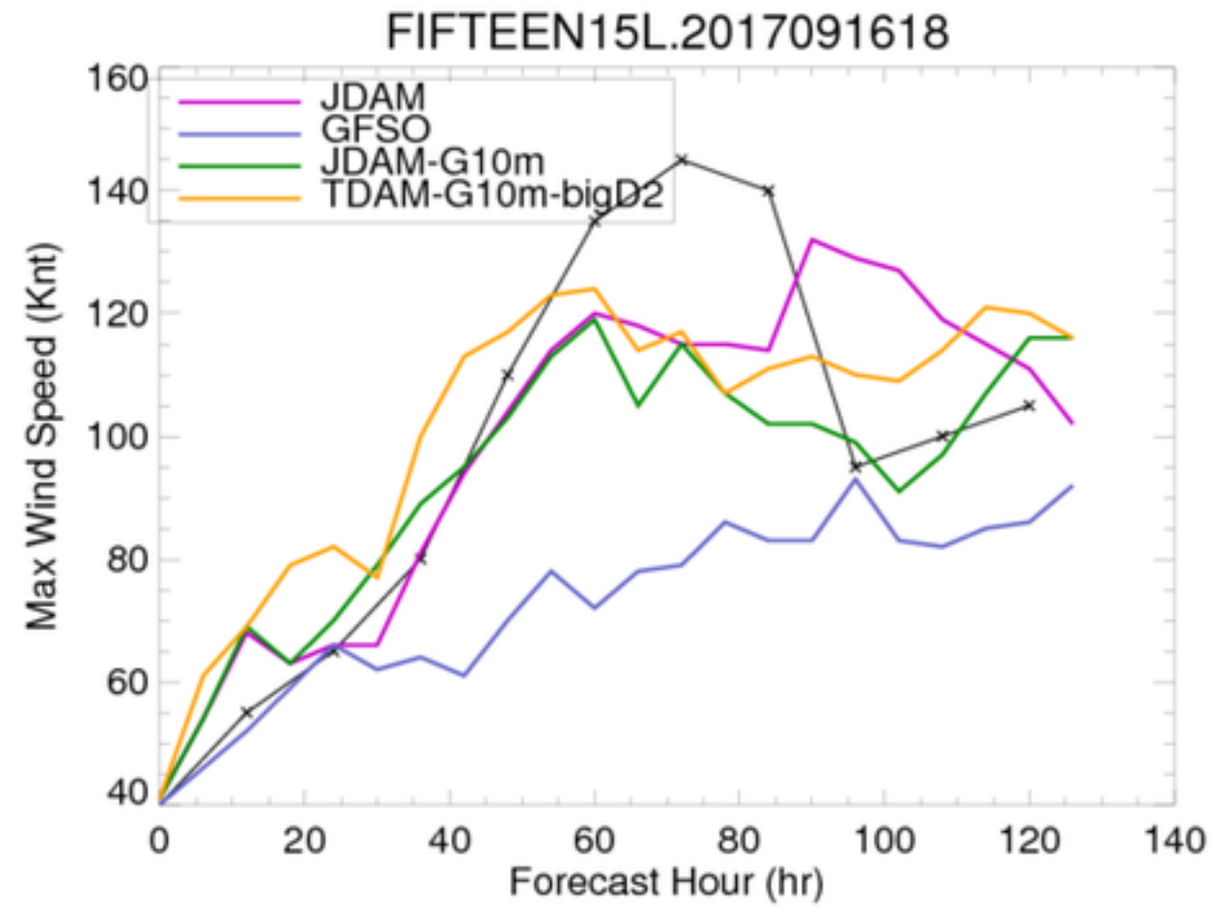
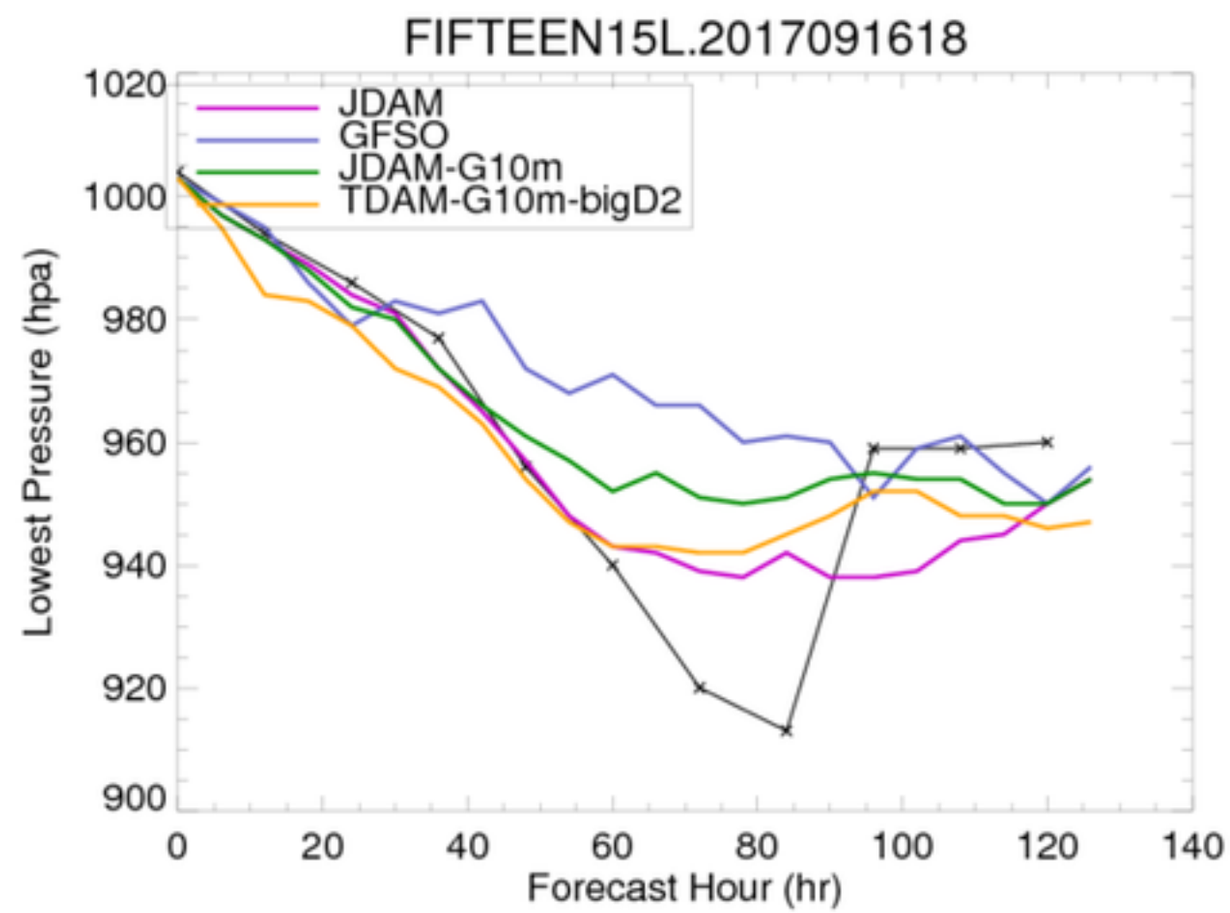
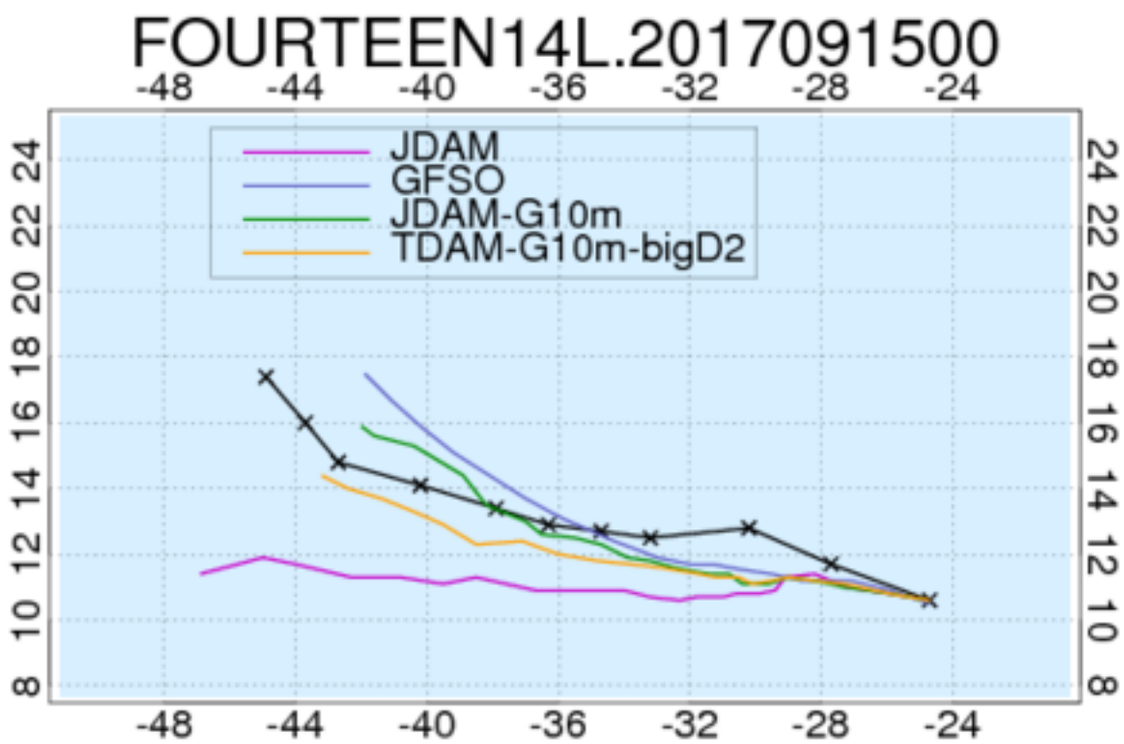
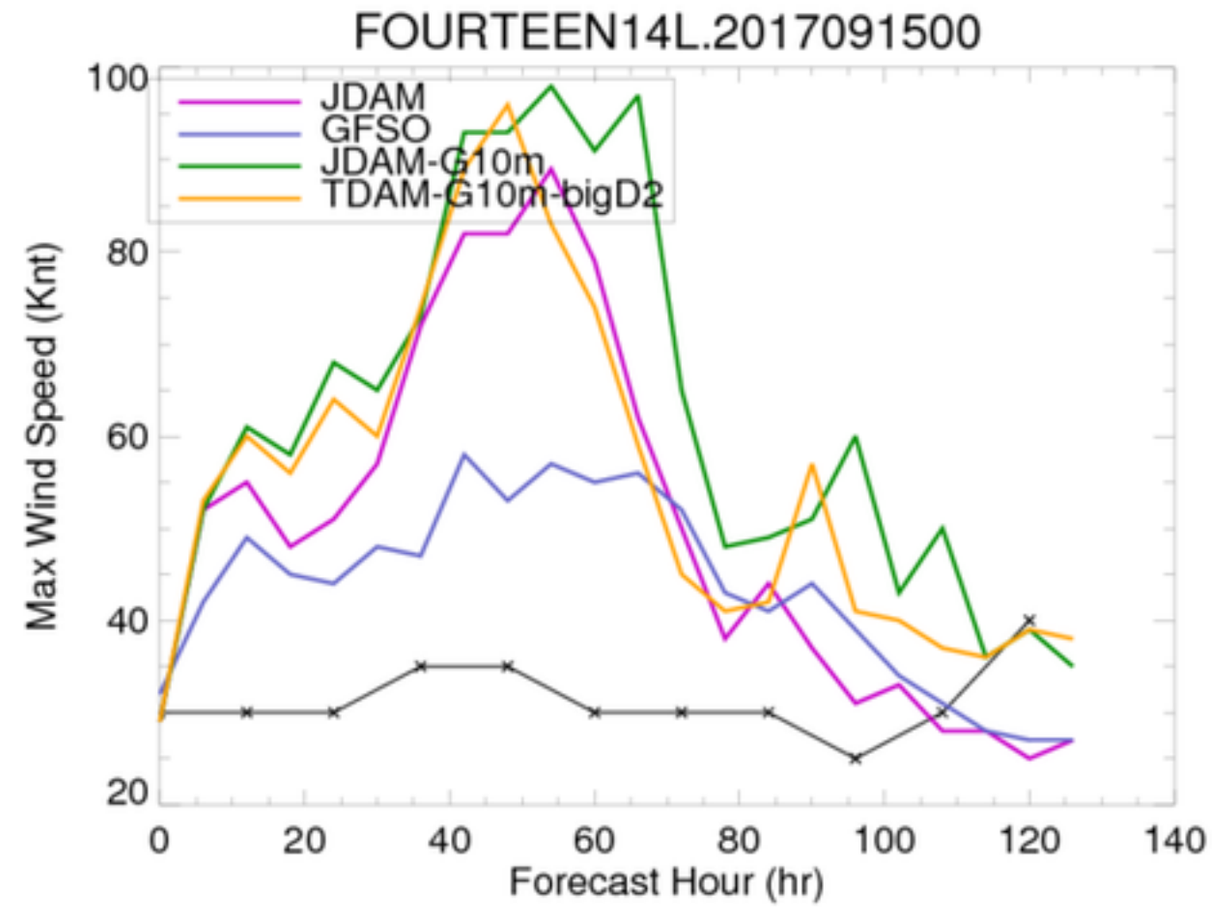
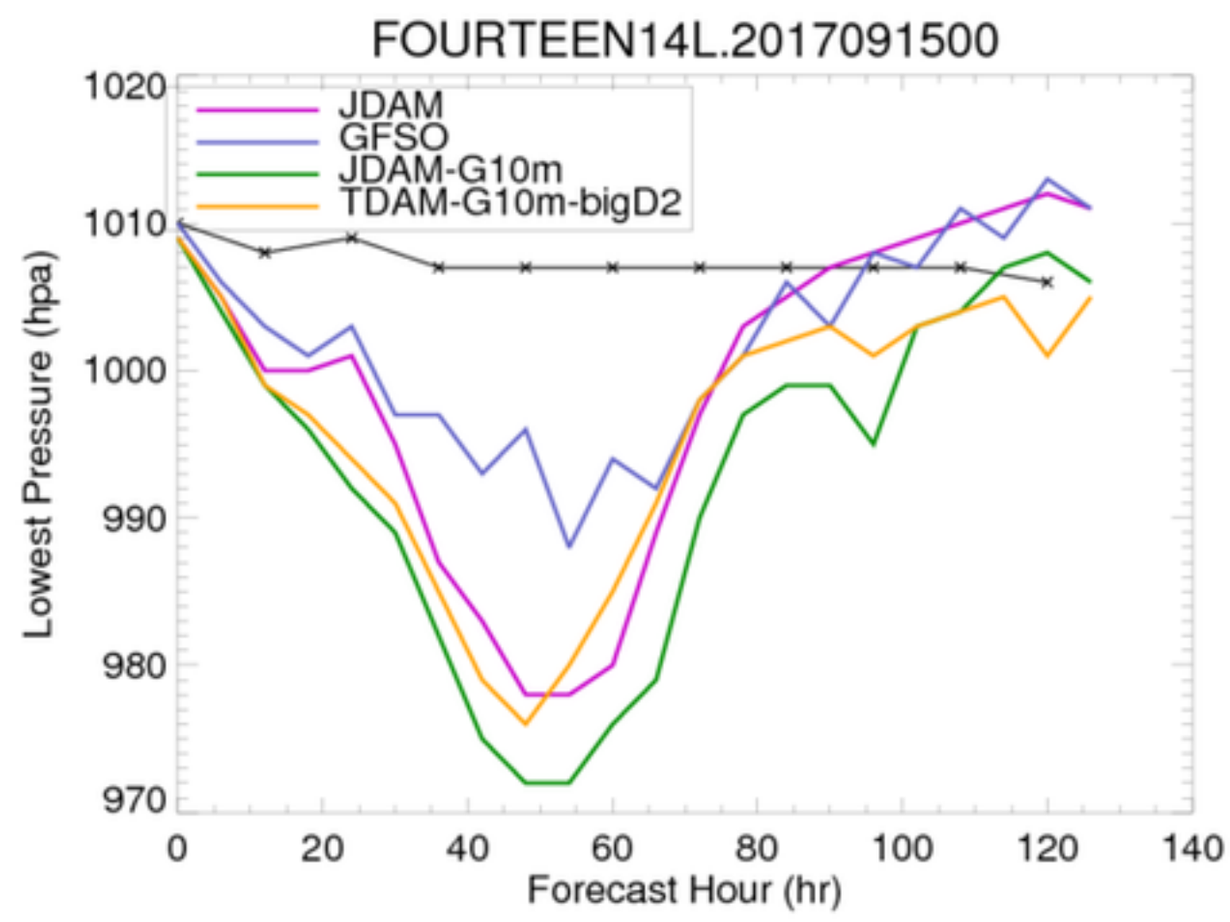

FIFTEEN15L.2017091618
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76 -72 -68 -64 -60 -56 -52 -48
10 12 14 16 18 20 22 24 26

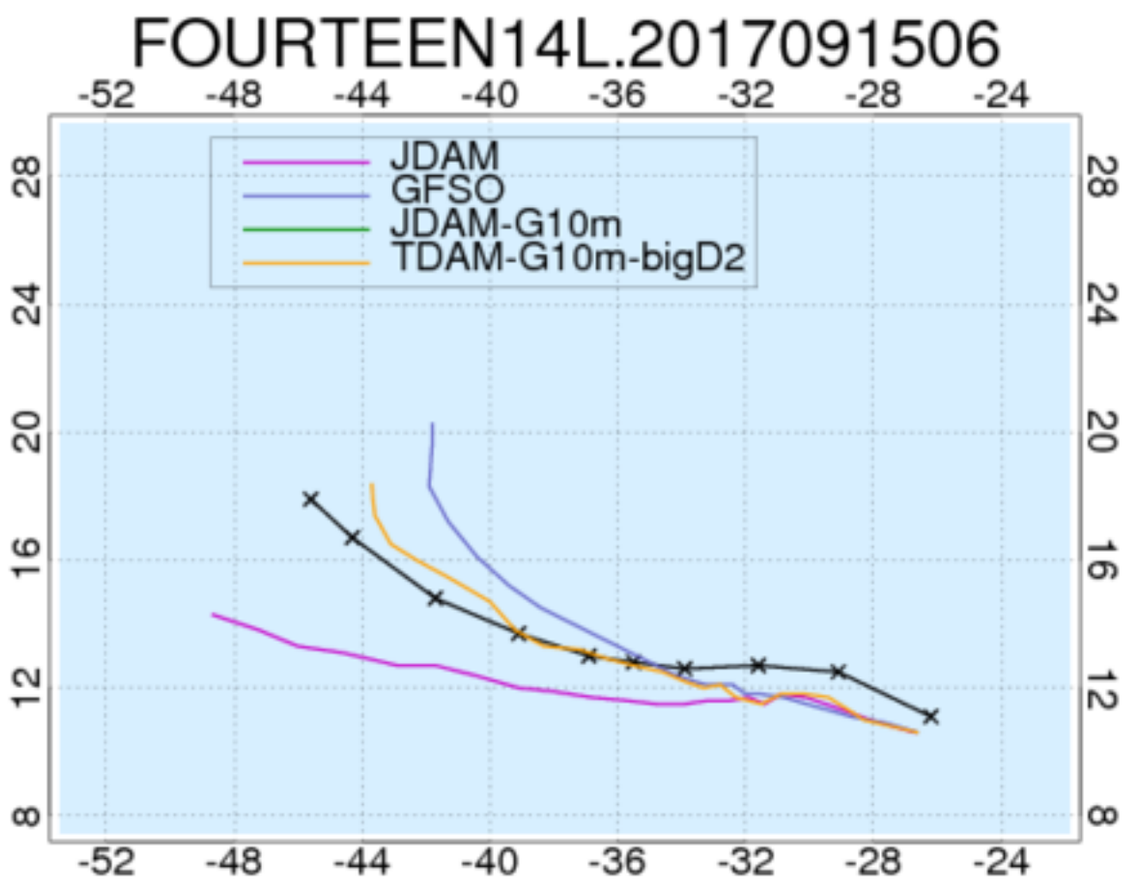

FIFTEEN15L.2017091618
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140 160
Forecast Hour (hr)
0 20 40 60 80 100 120 140

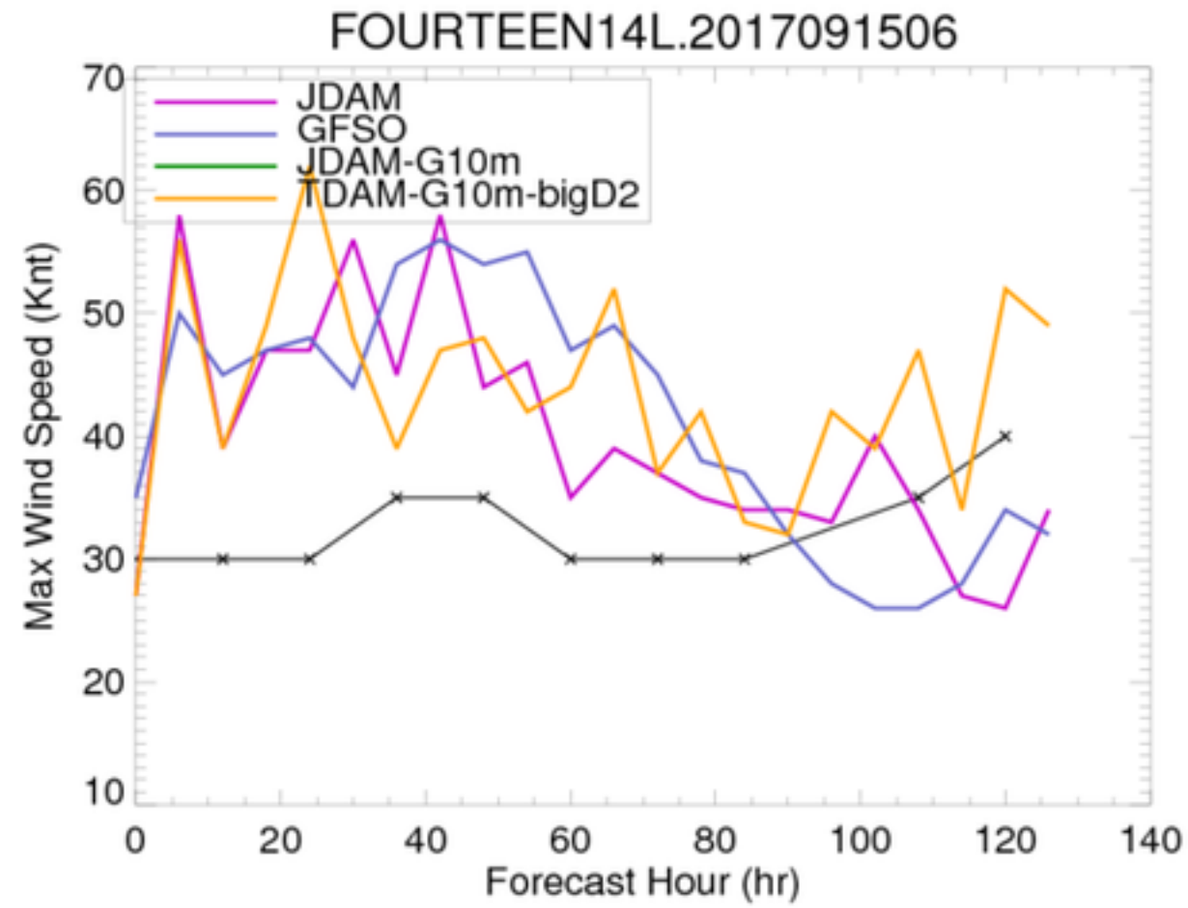

FIFTEEN15L.2017091618
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
900 920 940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

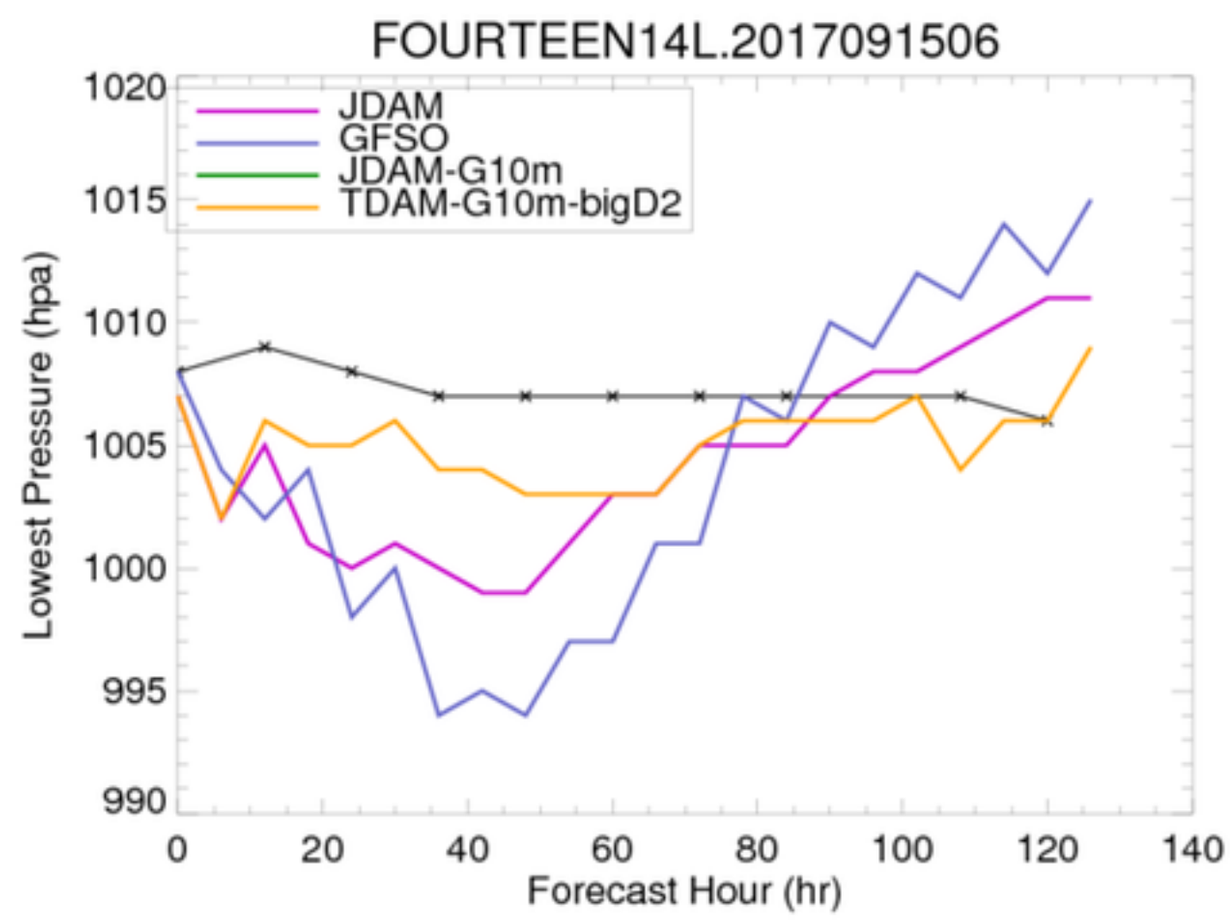

FOURTEEN14L.2017091500
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-48 -44 -40 -36 -32 -28 -24
8 10 12 14 16 18 20 22 24

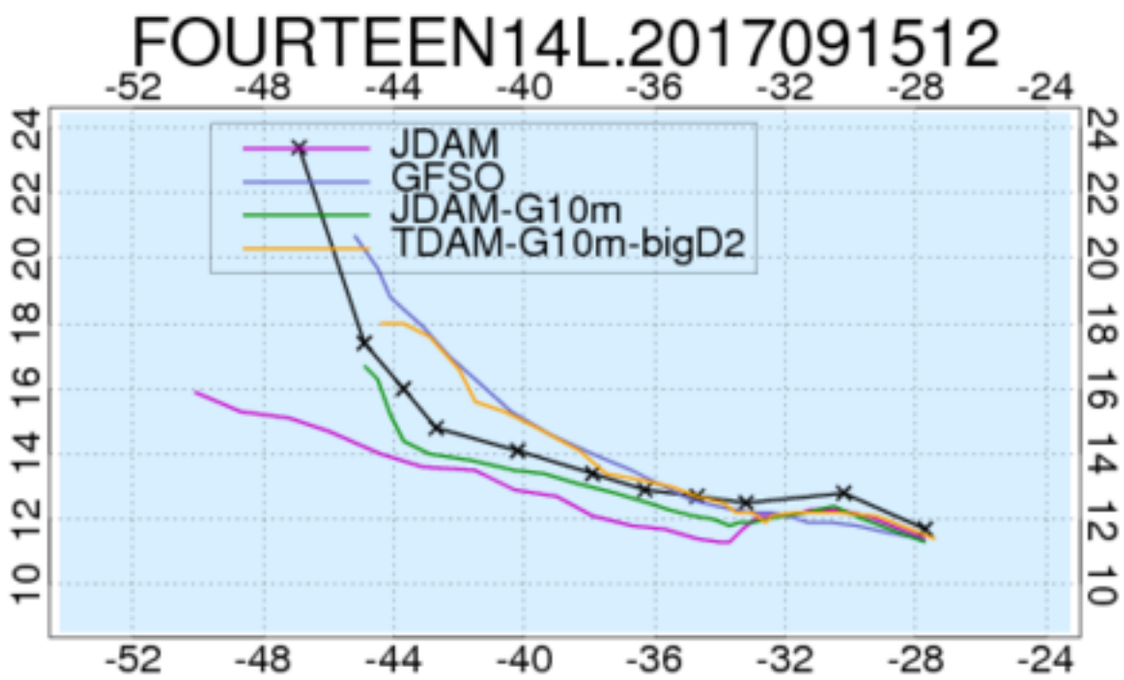

FOURTEEN14L.2017091500
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
20 40 60 80 100
0 20 40 60 80 100 120 140
Forecast Hour (hr)

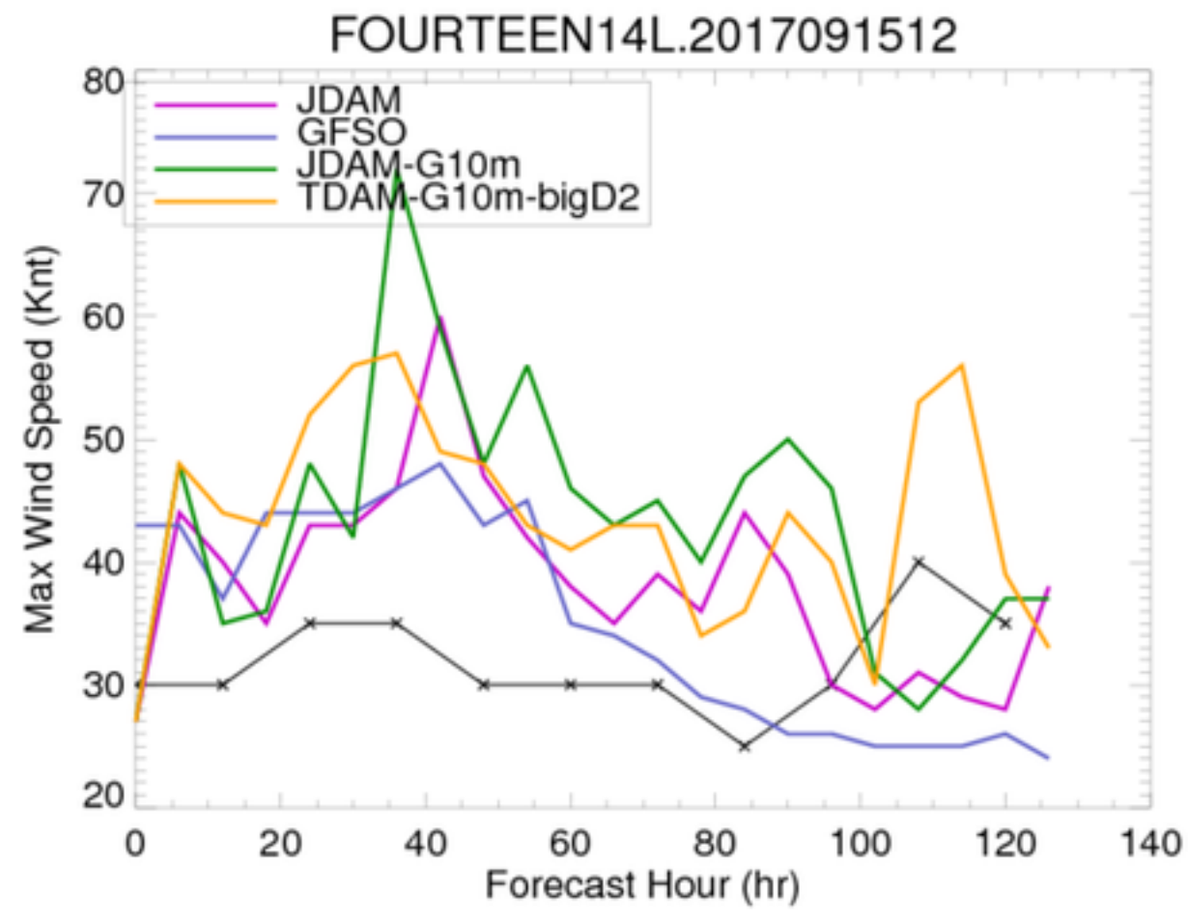

FOURTEEN14L.2017091500
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
970 980 990 1000 1010 1020
0 20 40 60 80 100 120 140
Forecast Hour (hr)

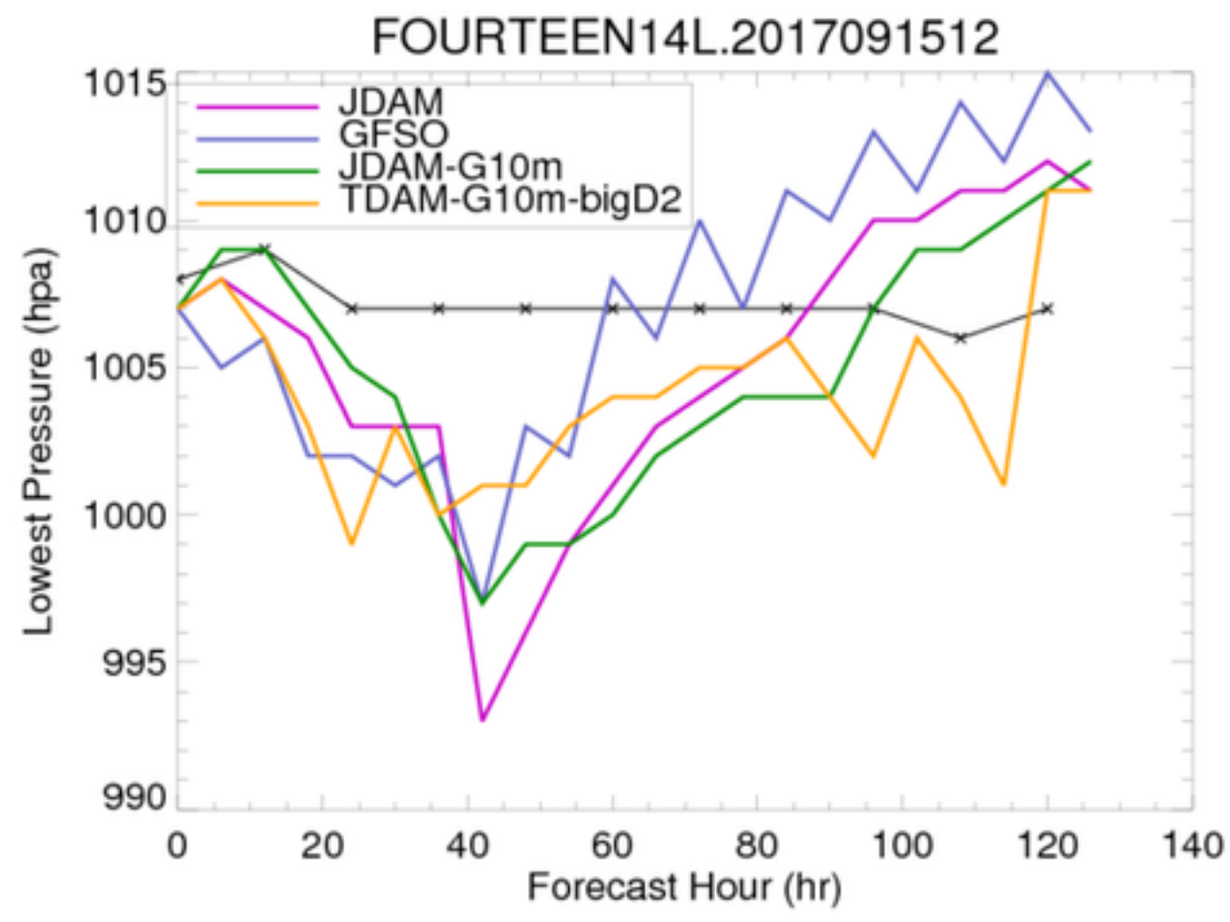

FOURTEEN14L.2017091506
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-52 -48 -44 -40 -36 -32 -28 -24
8 12 16 20 24 28

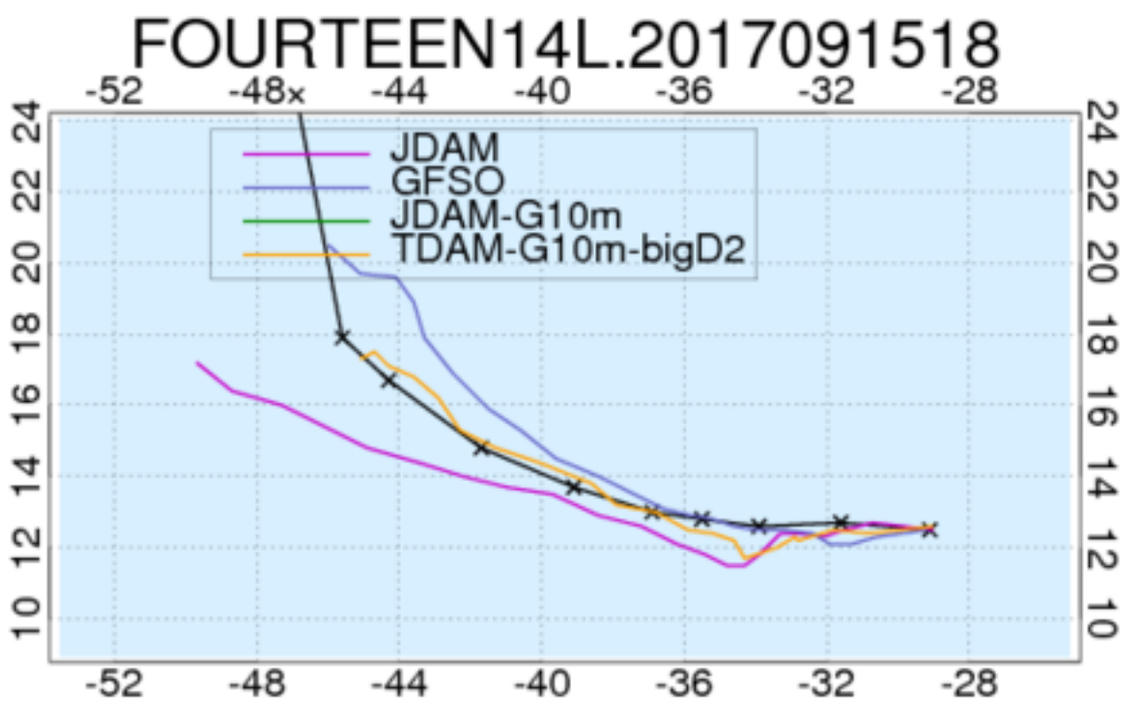

FOURTEEN14L.2017091506
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
10 20 30 40 50 60 70
0 20 40 60 80 100 120 140
Forecast Hour (hr)

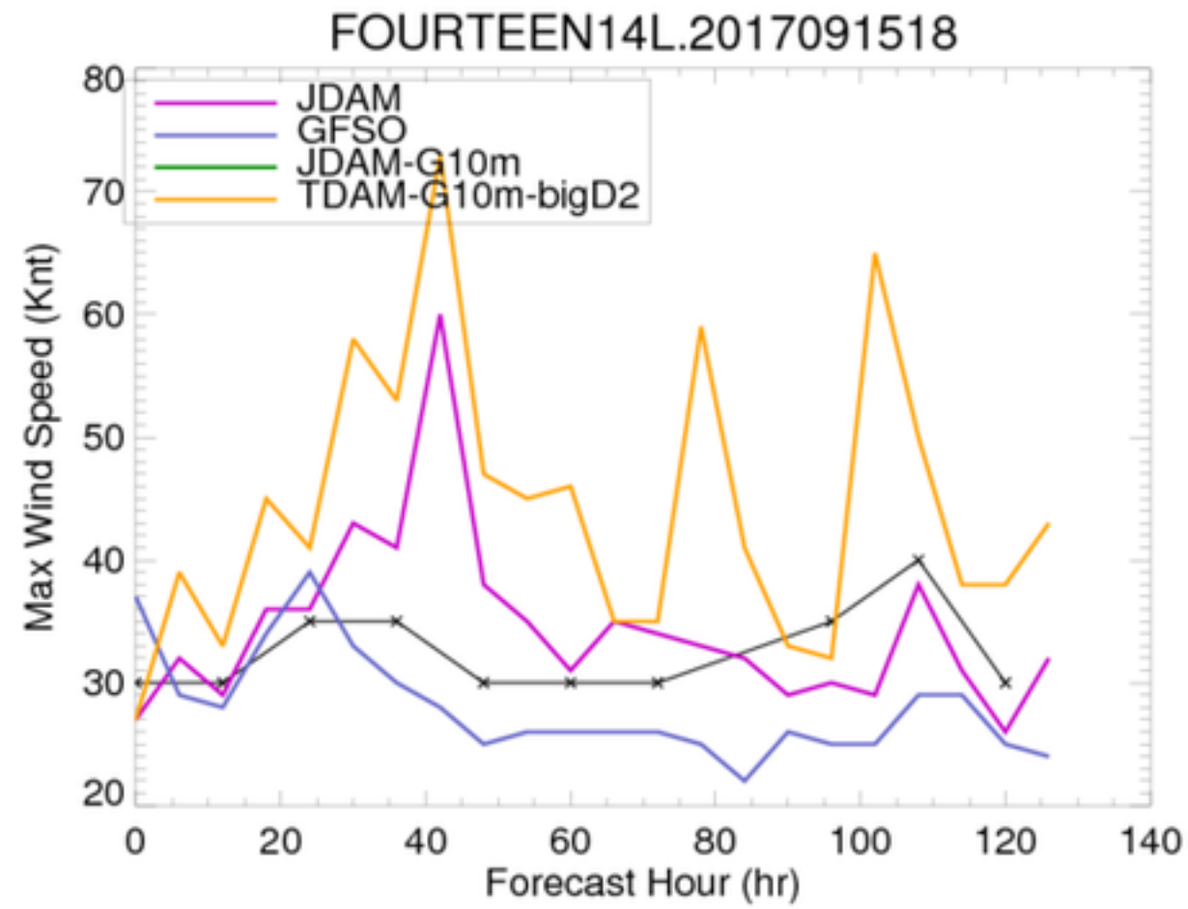

FOURTEEN14L.2017091506
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
990 995 1000 1005 1010 1015 1020
0 20 40 60 80 100 120 140
Forecast Hour (hr)

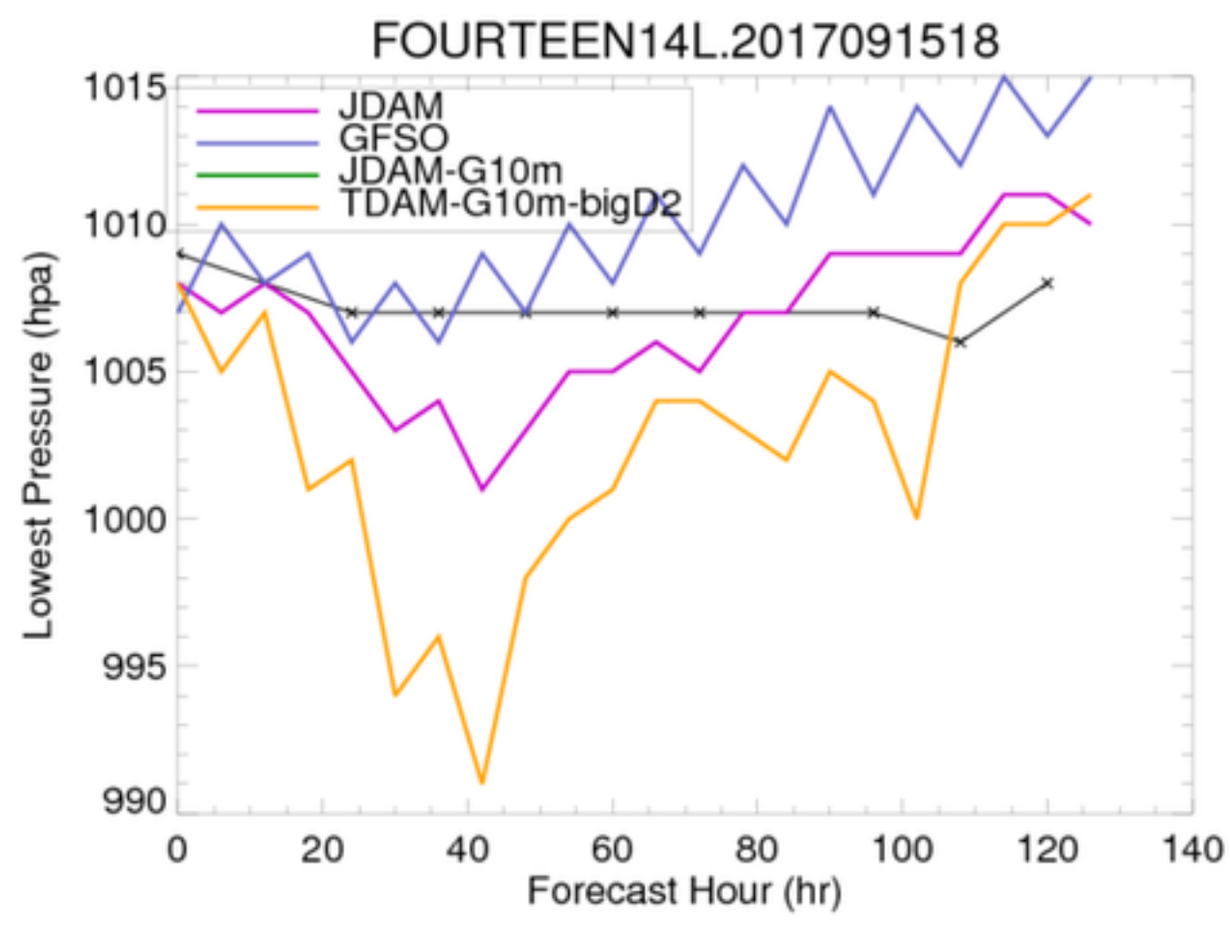

FOURTEEN14L.2017091512
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-52 -48 -44 -40 -36 -32 -28 -24
10 12 14 16 18 20 22 24

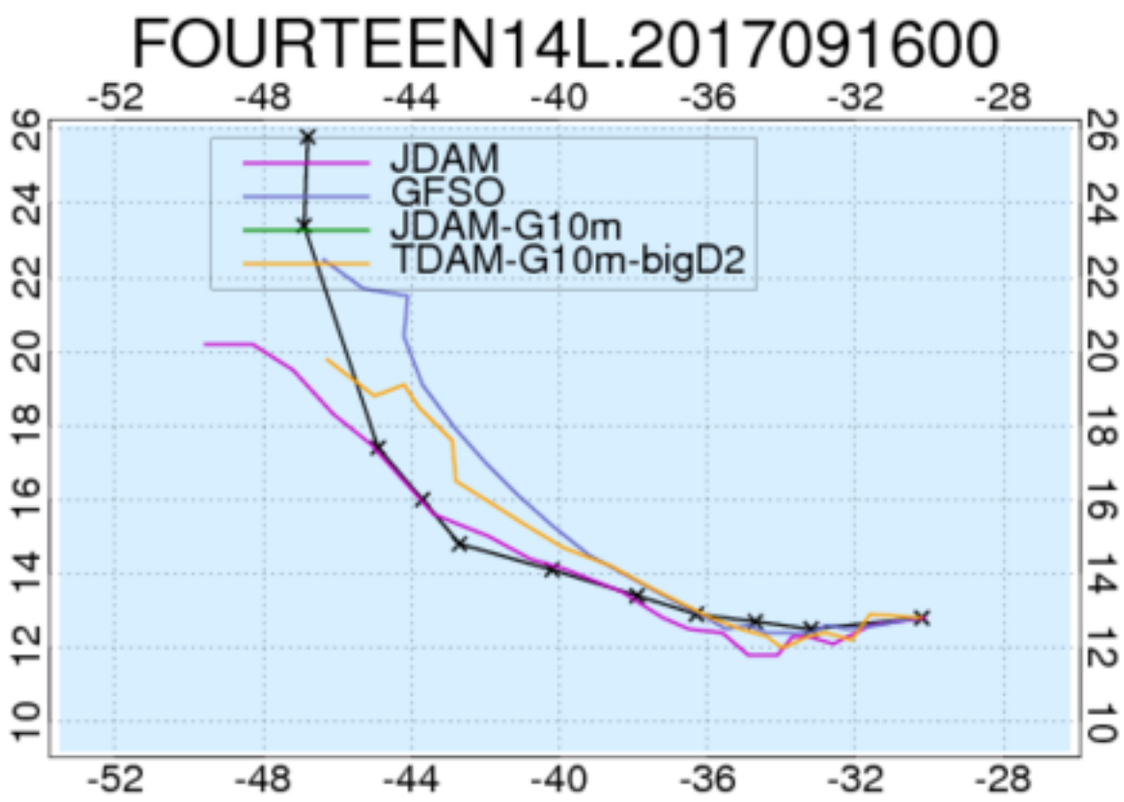

FOURTEEN14L.2017091512
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
20 30 40 50 60 70 80
Forecast Hour (hr)
0 20 40 60 80 100 120 140

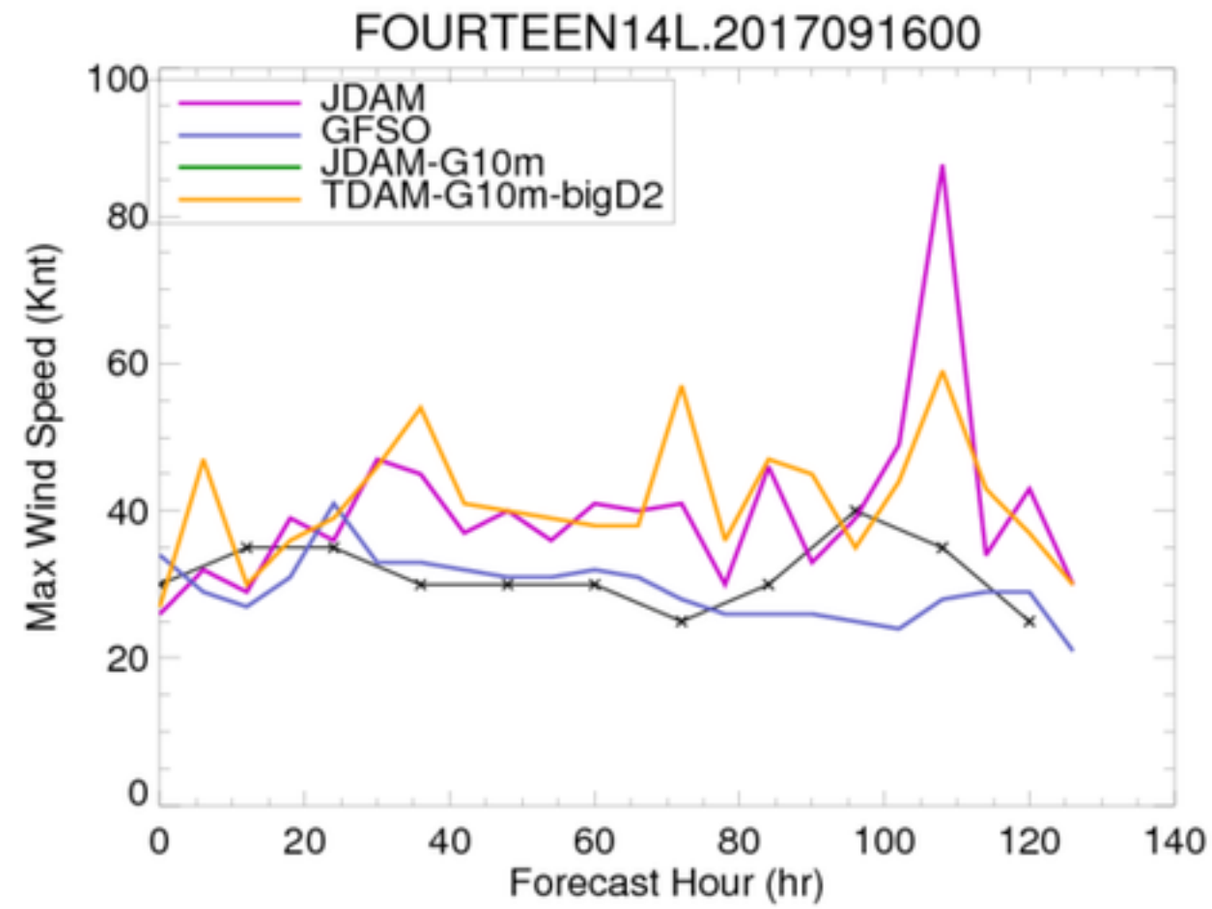

FOURTEEN14L.2017091512
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
990 995 1000 1005 1010 1015
Forecast Hour (hr)
0 20 40 60 80 100 120 140

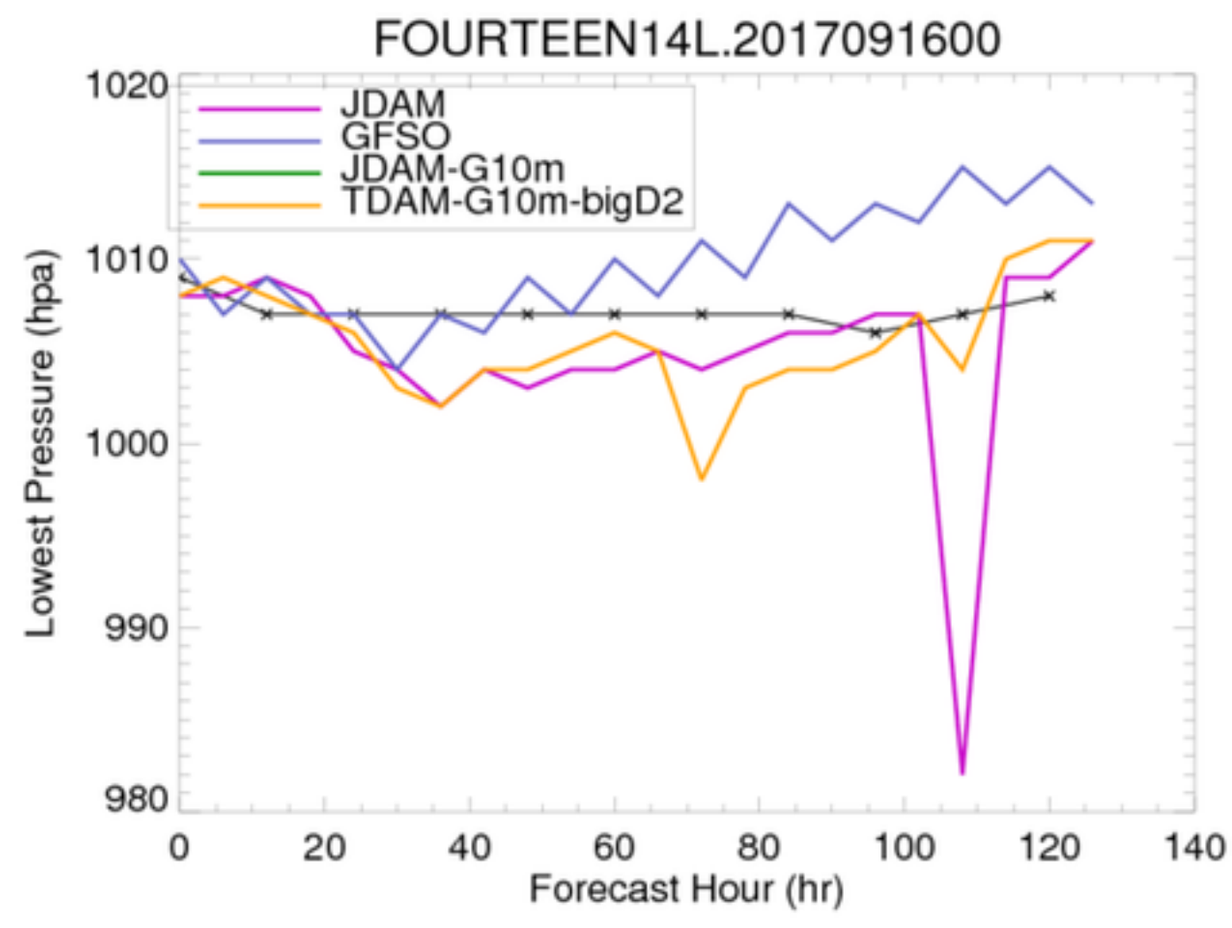

FOURTEEN14L.2017091518
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-52
-48
-44
-40
-36
-32
-28
10
12
14
16
18
20
22
24

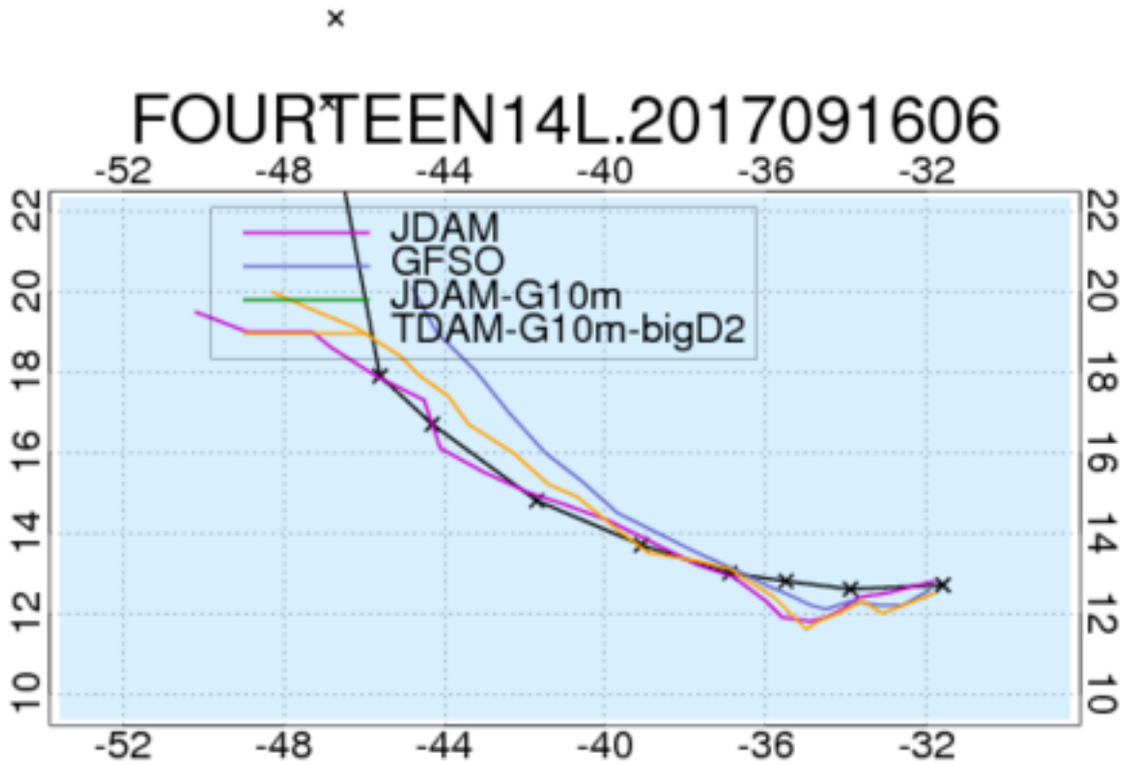

FOURTEEN14L.2017091518
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
20
30
40
50
60
70
80
0
20
40
60
80
100
120
140

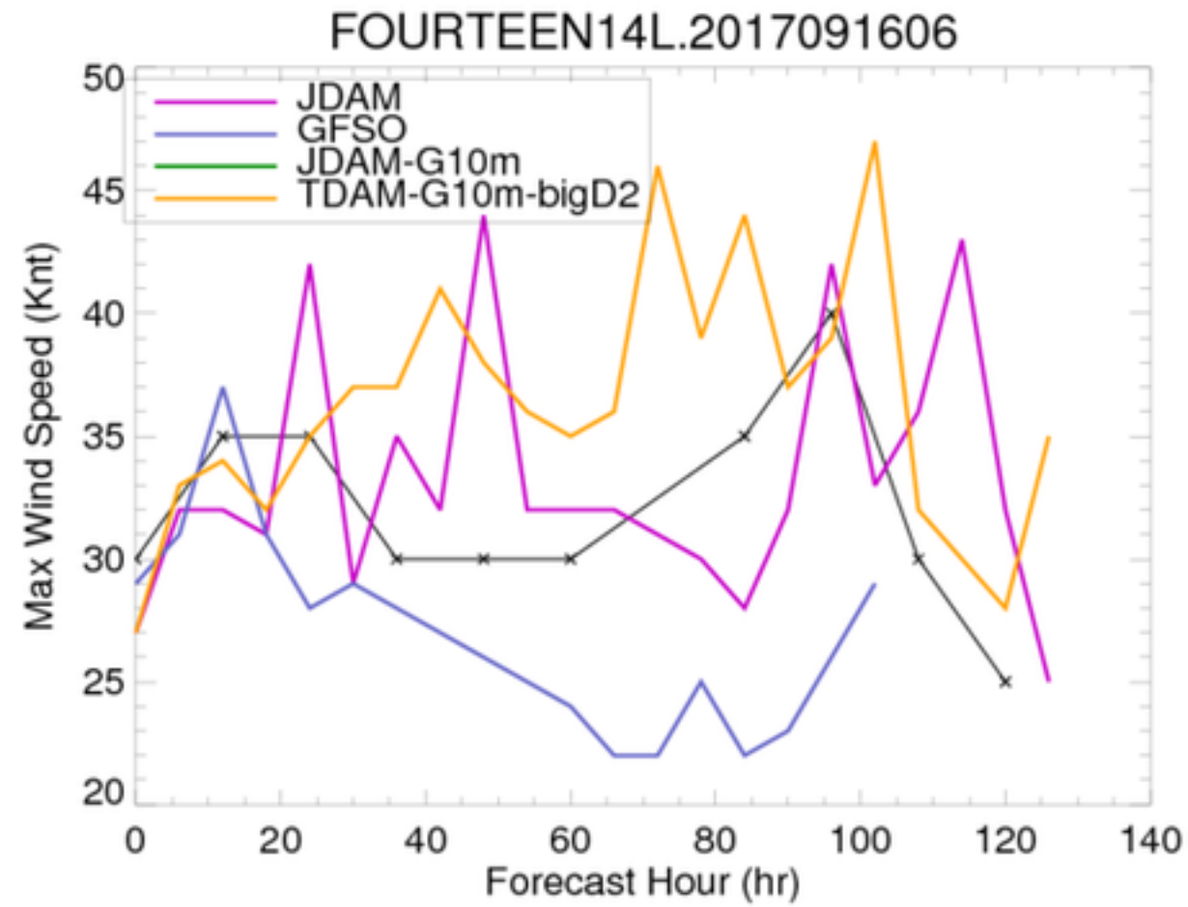

FOURTEEN14L.2017091518
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
990
995
1000
1005
1010
1015
0
20
40
60
80
100
120
140

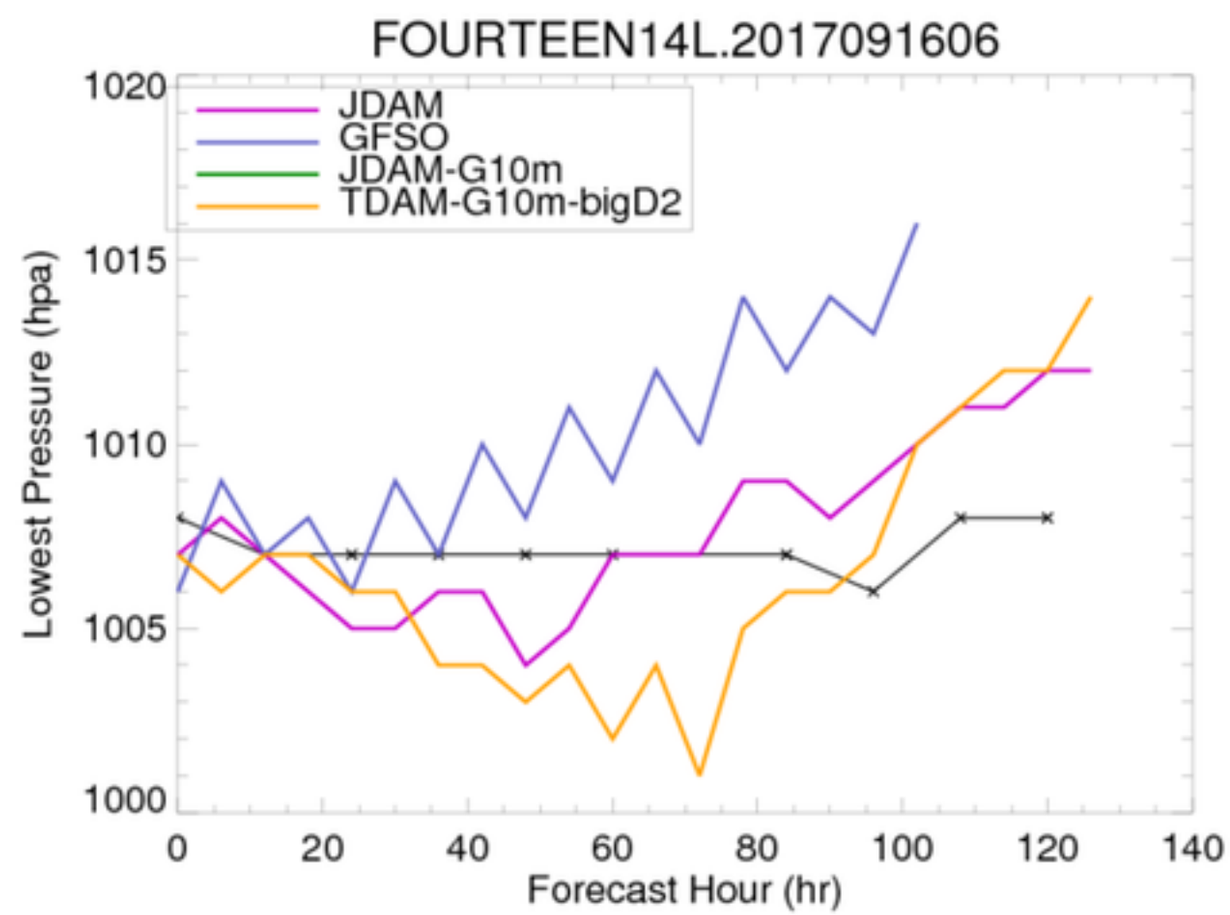

FOURTEEN14L.2017091600
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-52 -48 -44 -40 -36 -32 -28
10 12 14 16 18 20 22 24 26

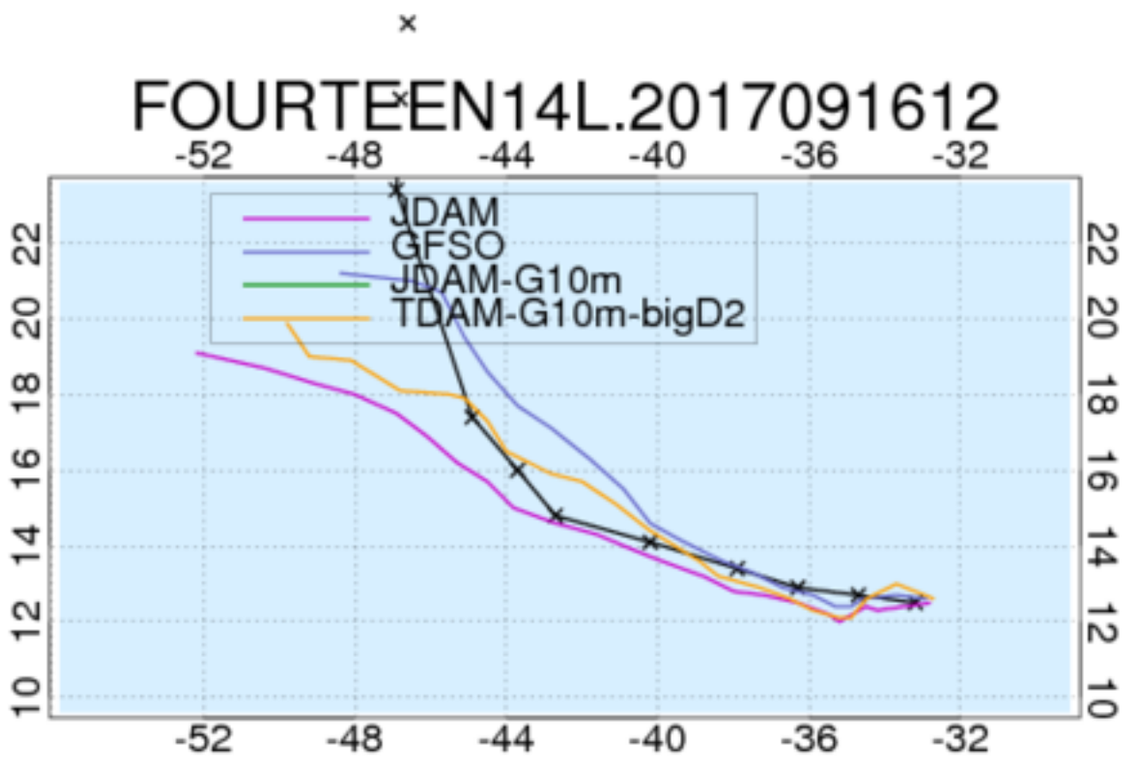

FOURTEEN14L.2017091600
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
0 20 40 60 80 100
Forecast Hour (hr)
0 20 40 60 80 100 120 140

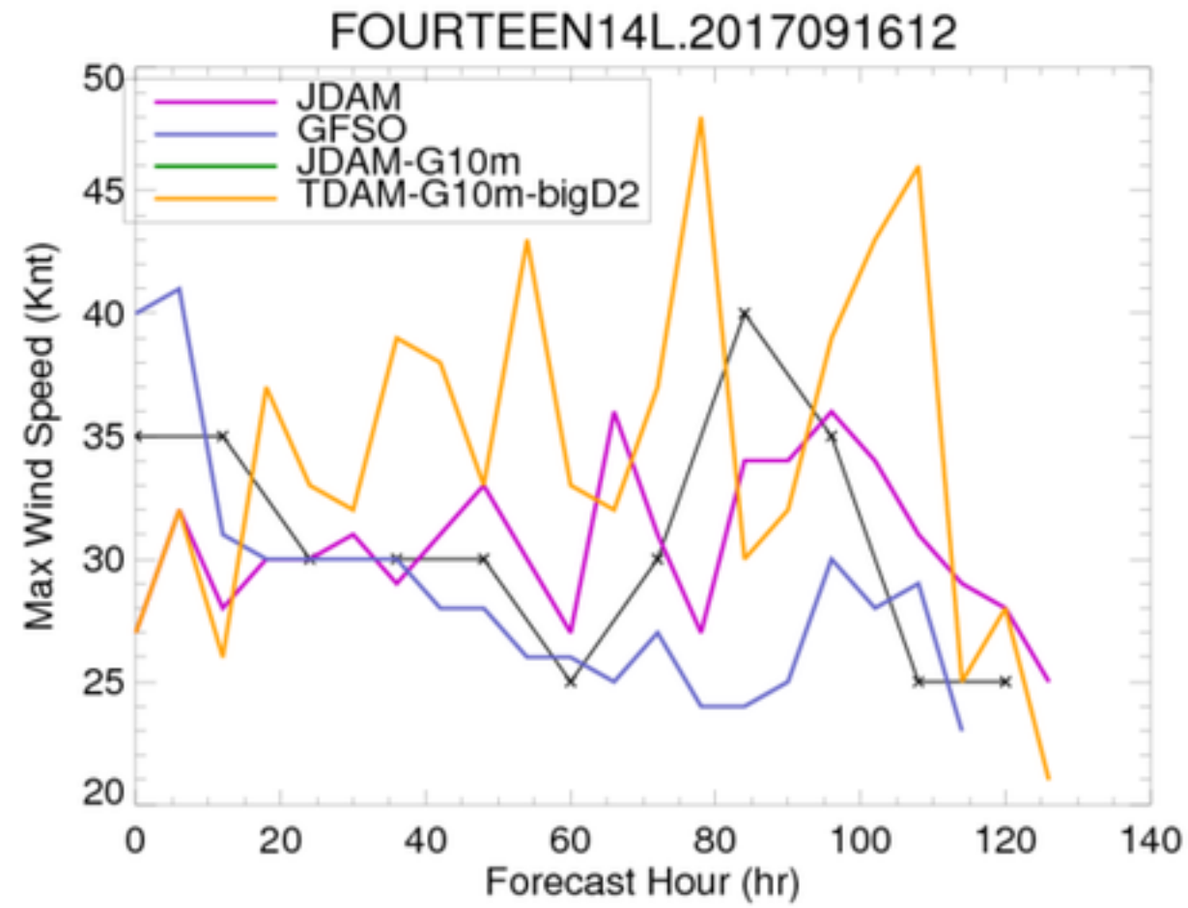

FOURTEEN14L.2017091600
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
980 990 1000 1010 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

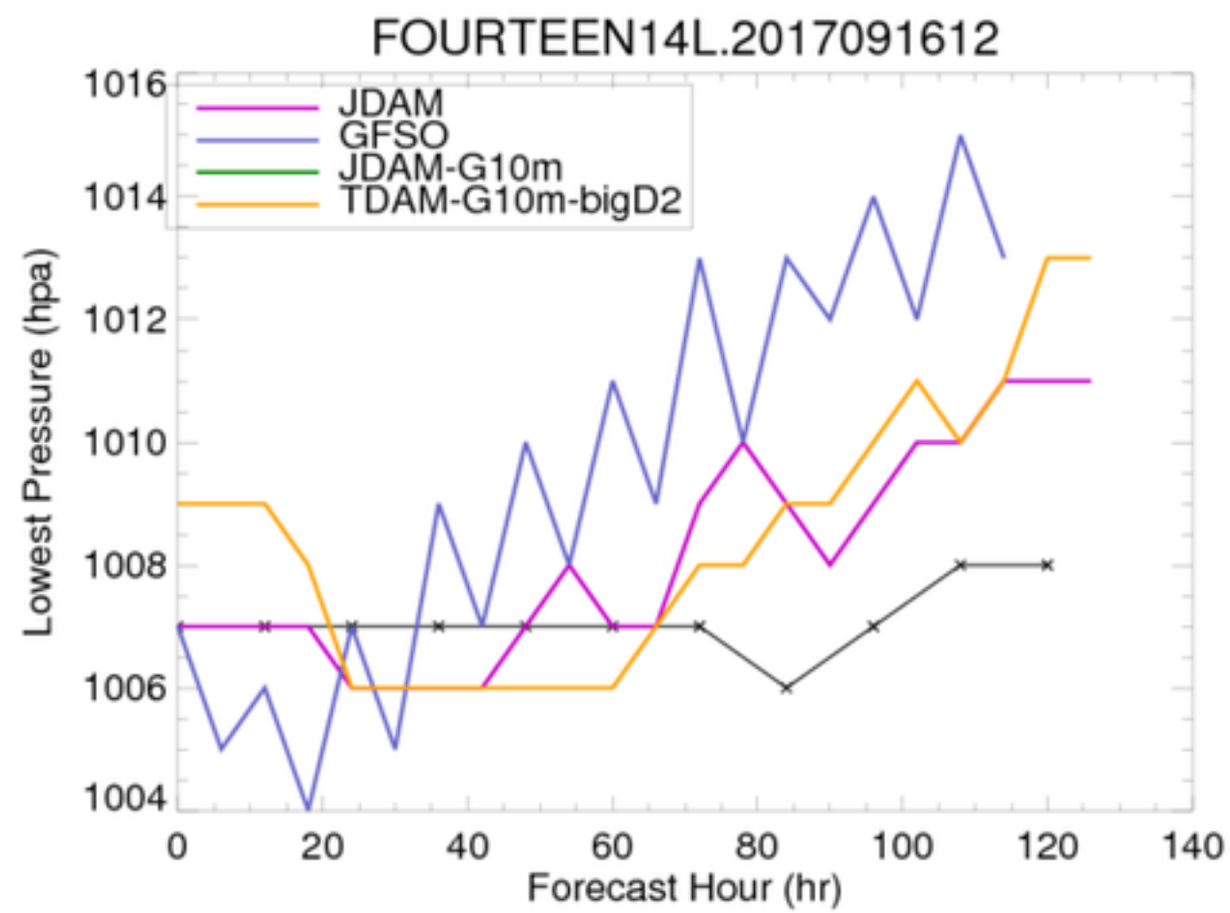

FOURTEEN14L.2017091606
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-52
-48
-44
-40
-36
-32
10
12
14
16
18
20
22

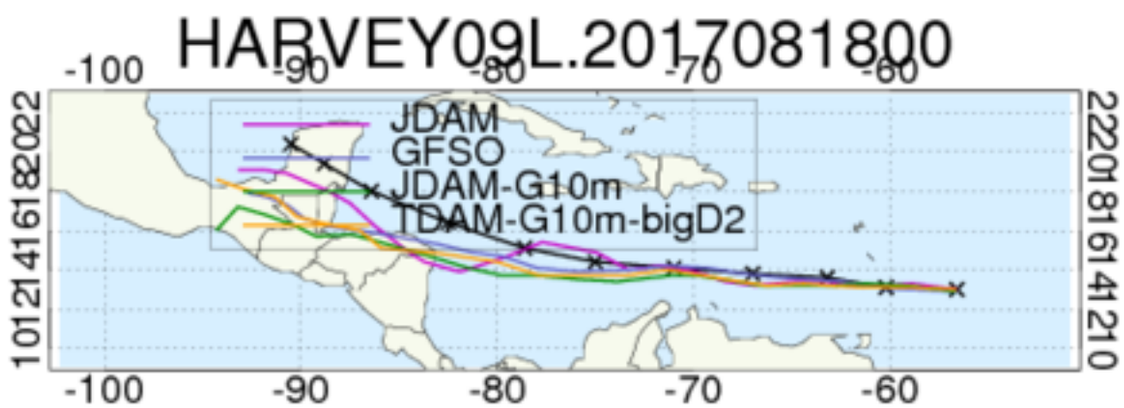

FOURTEEN14L.2017091606
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
20
25
30
35
40
45
50
0
20
40
60
80
100
120
140

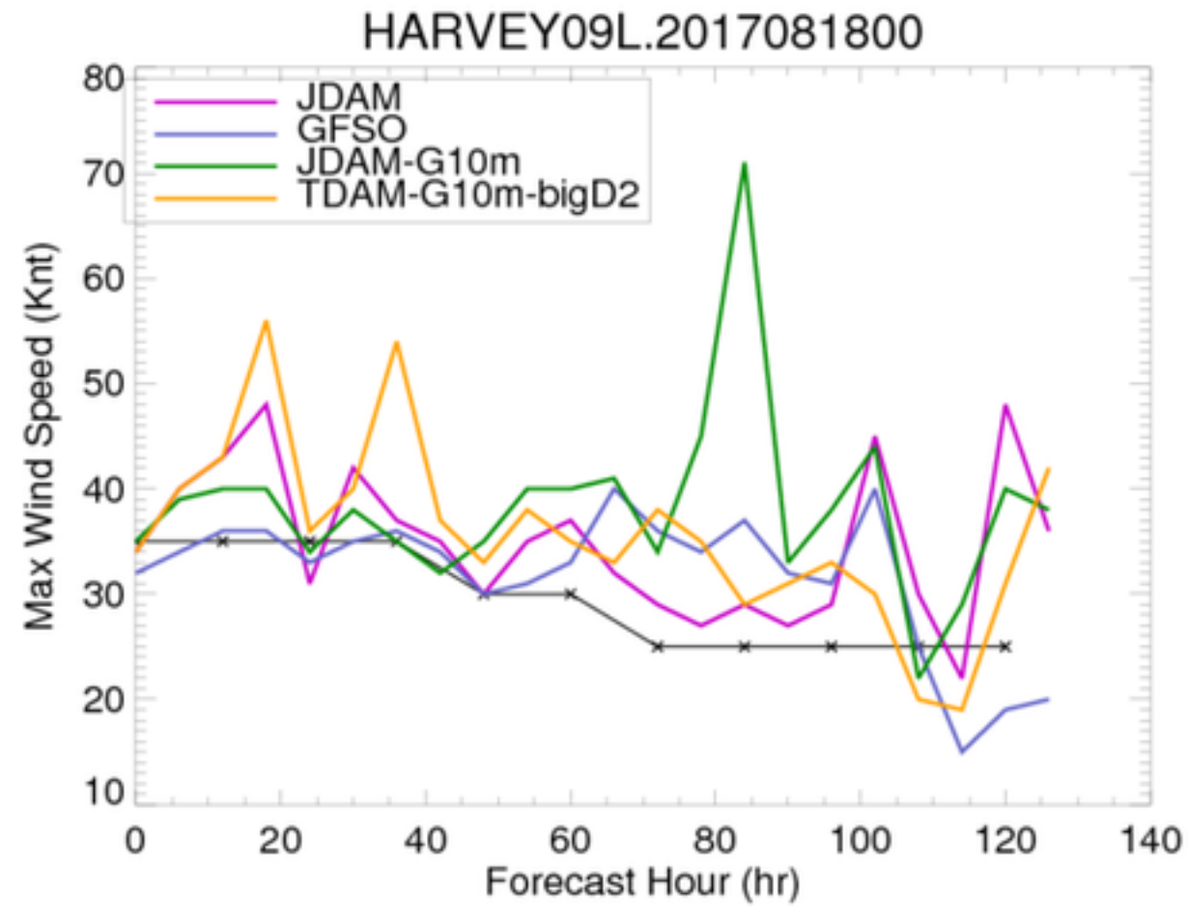

FOURTEEN14L.2017091606
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1000
1005
1010
1015
1020
0
20
40
60
80
100
120
140

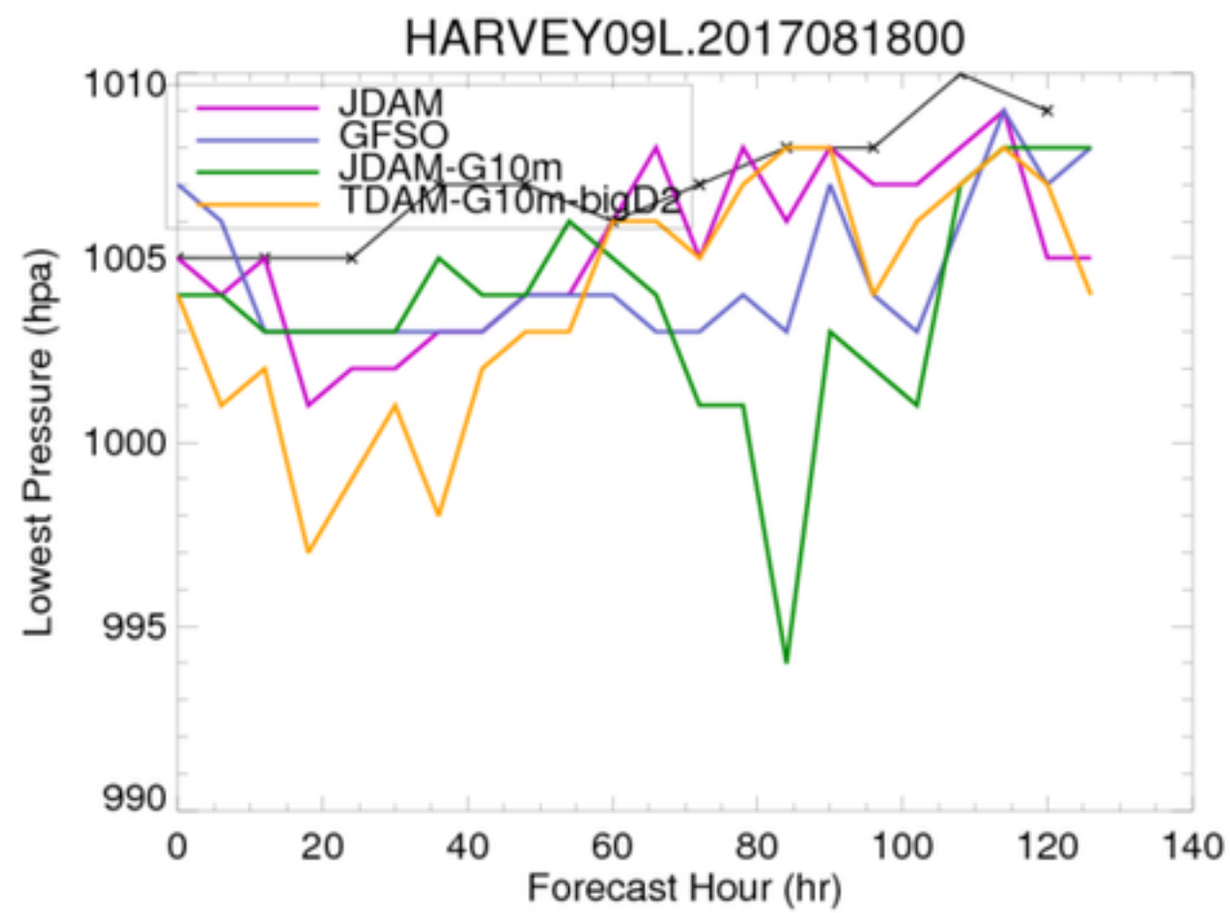

FOURTEEN14L.2017091612
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-52
-48
-44
-40
-36
-32
10
12
14
16
18
20
22

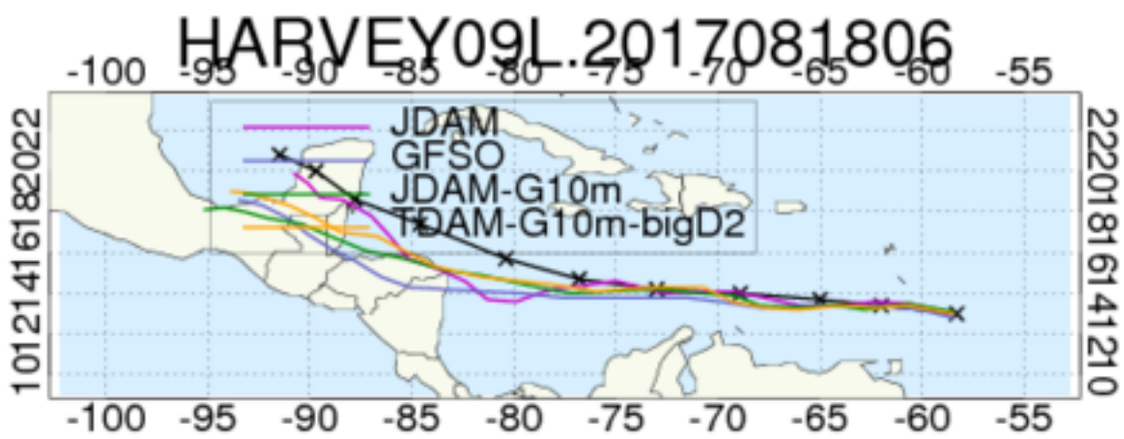

FOURTEEN14L.2017091612
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
20
25
30
35
40
45
50
0
20
40
60
80
100
120
140

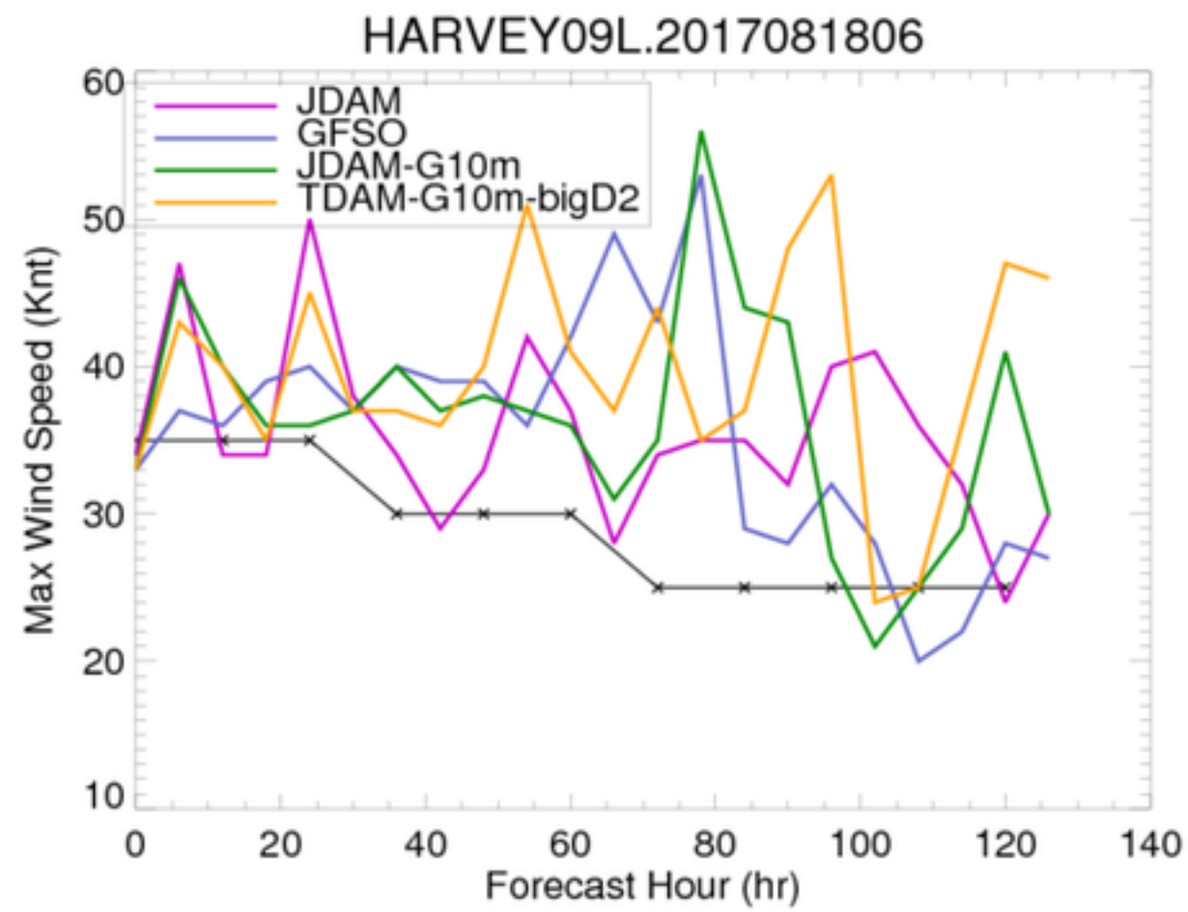

FOURTEEN14L.2017091612
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1004
1006
1008
1010
1012
1014
1016
0
20
40
60
80
100
120
140

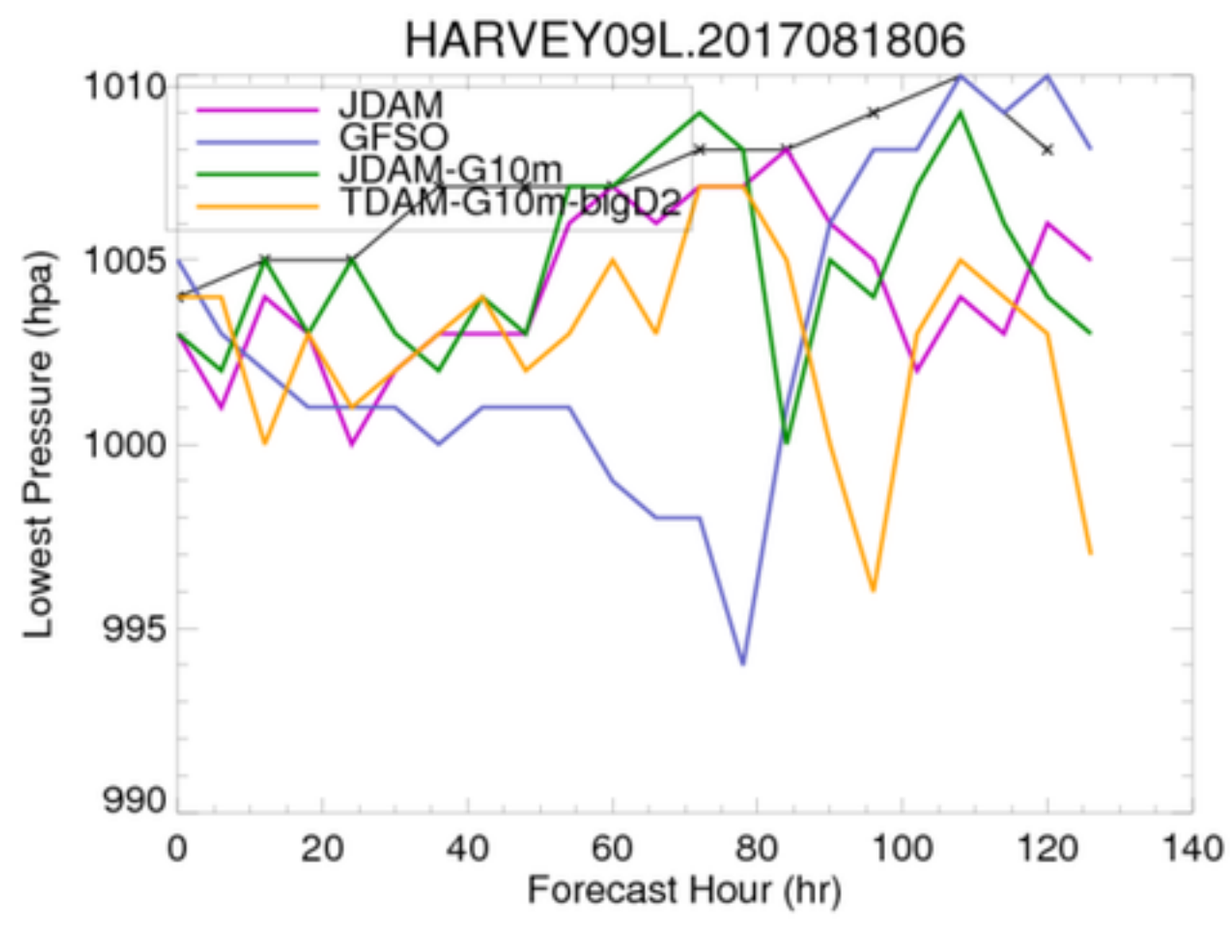

HARVEY09L.2017081800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100
-90
-80
-70
-60

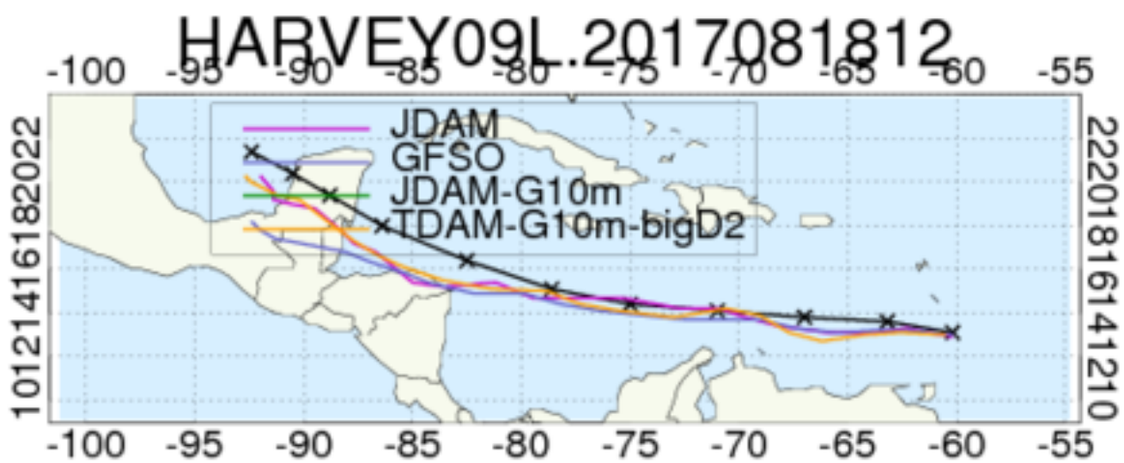

HARVEY09L.2017081800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)

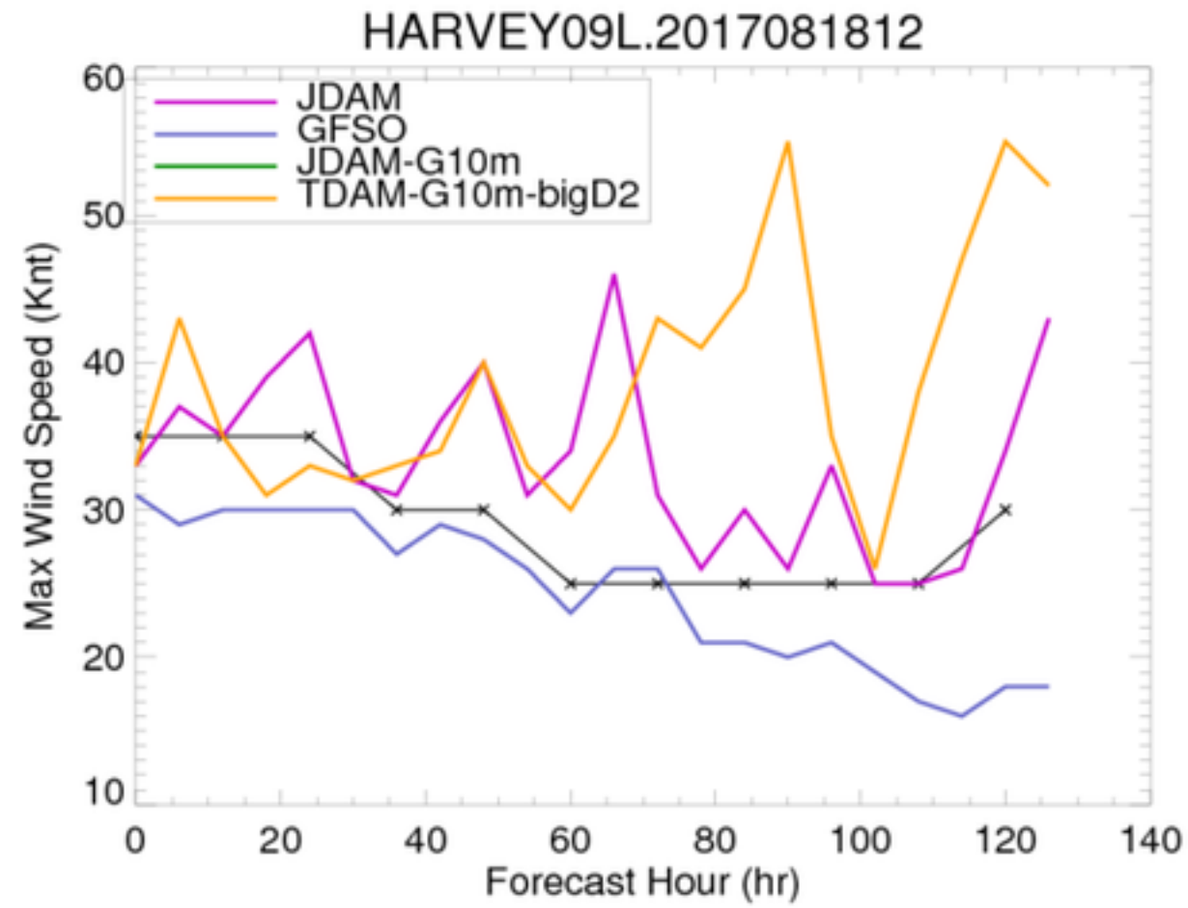

HARVEY09L.2017081800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)

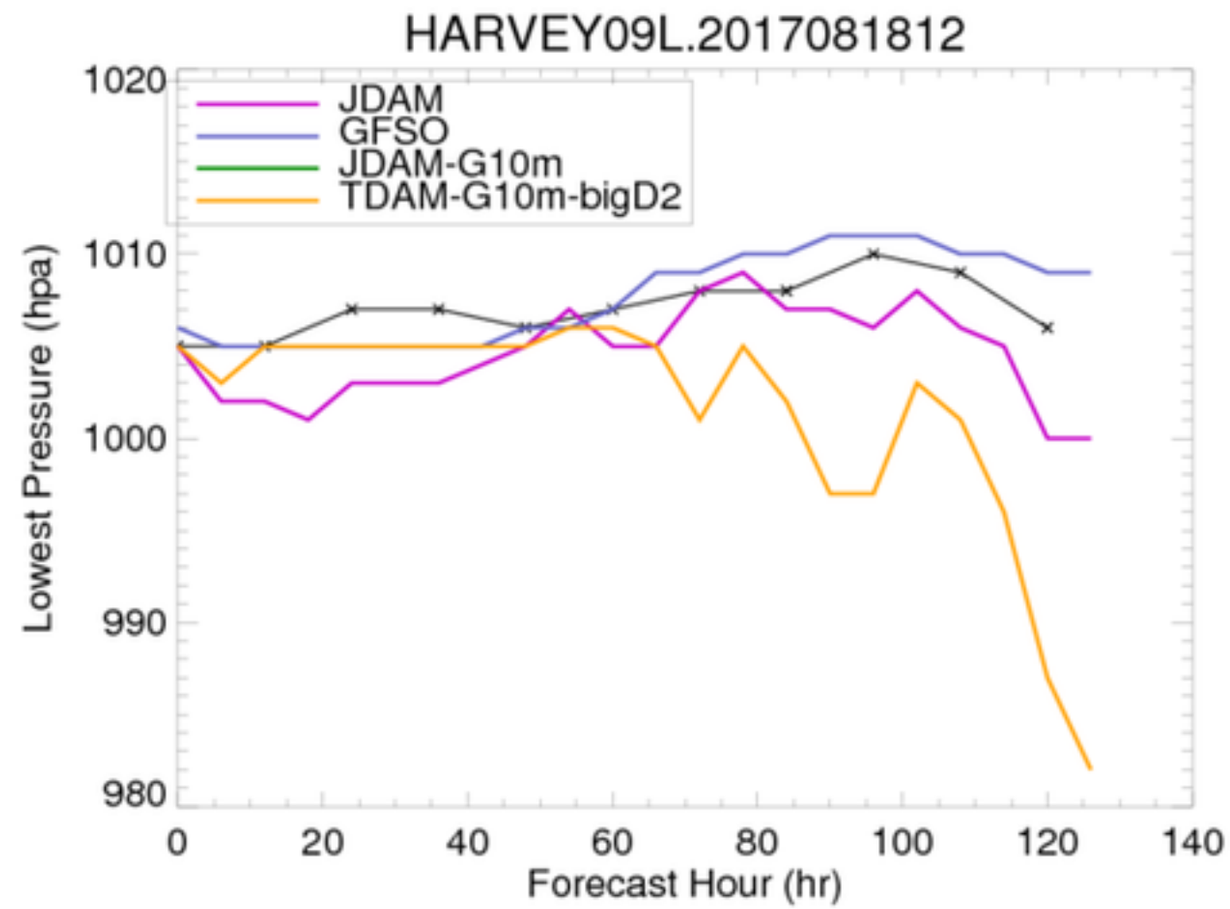

HARVEY09L.2017081806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100 -95 -90 -85 -80 -75 -70 -65 -60 -55
10 12 14 16 18 20 22

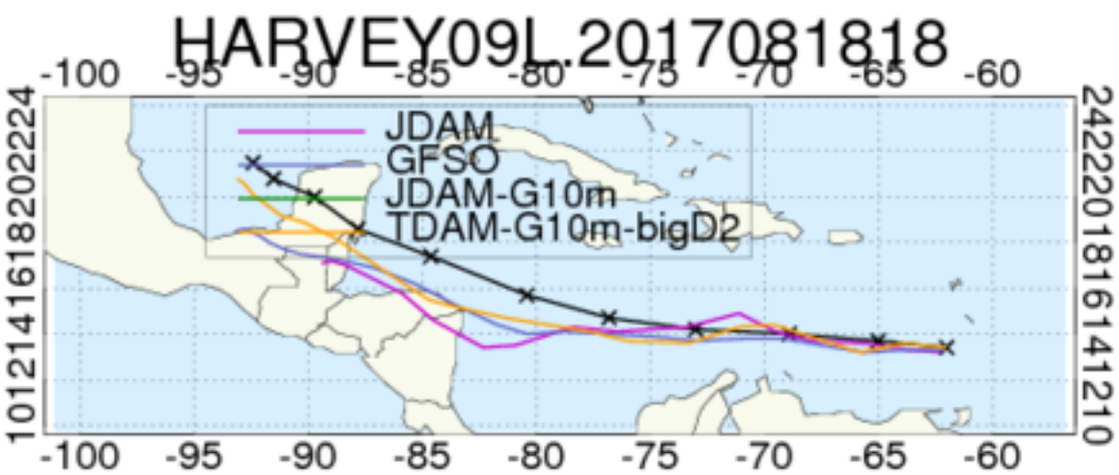

HARVEY09L.2017081806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
10 20 30 40 50 60
0 20 40 60 80 100 120 140
Forecast Hour (hr)

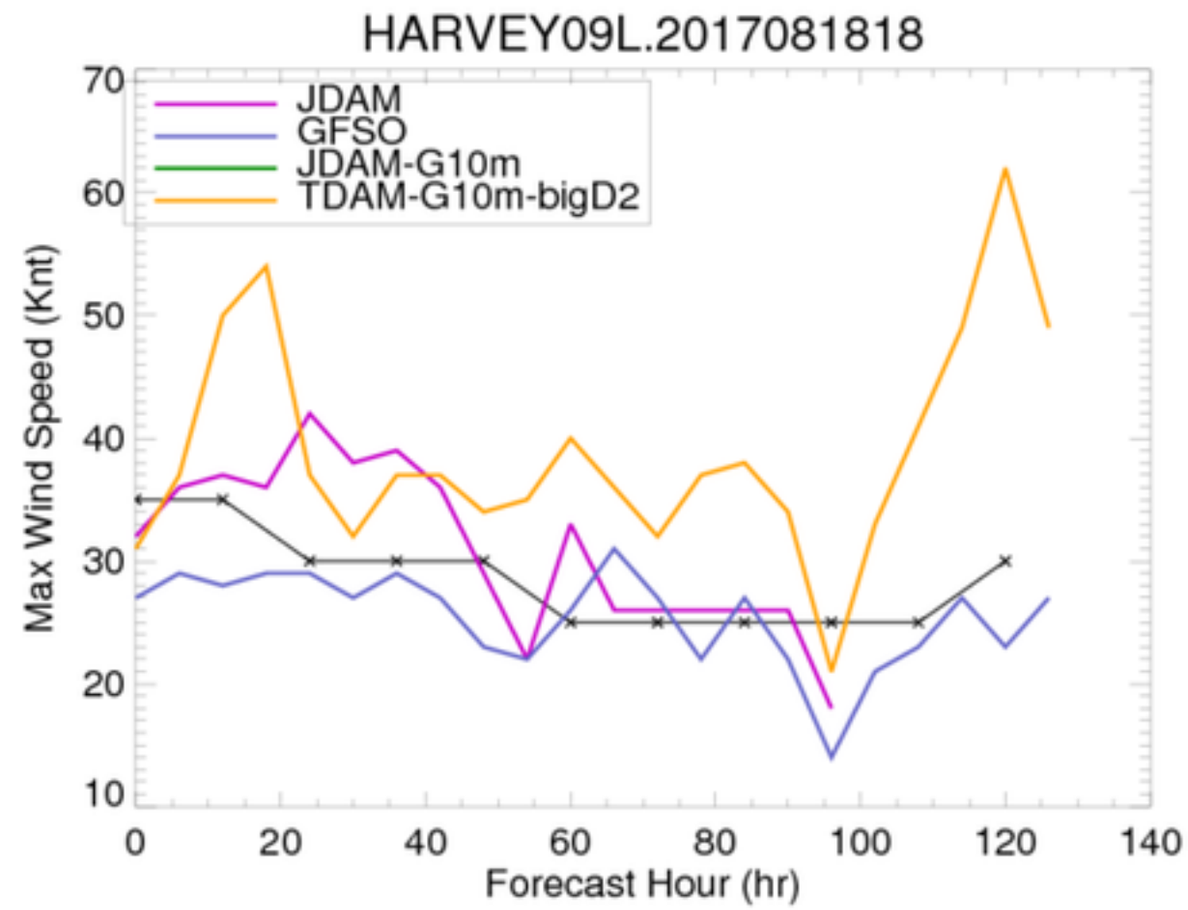

HARVEY09L.2017081806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
990 995 1000 1005 1010
0 20 40 60 80 100 120 140
Forecast Hour (hr)

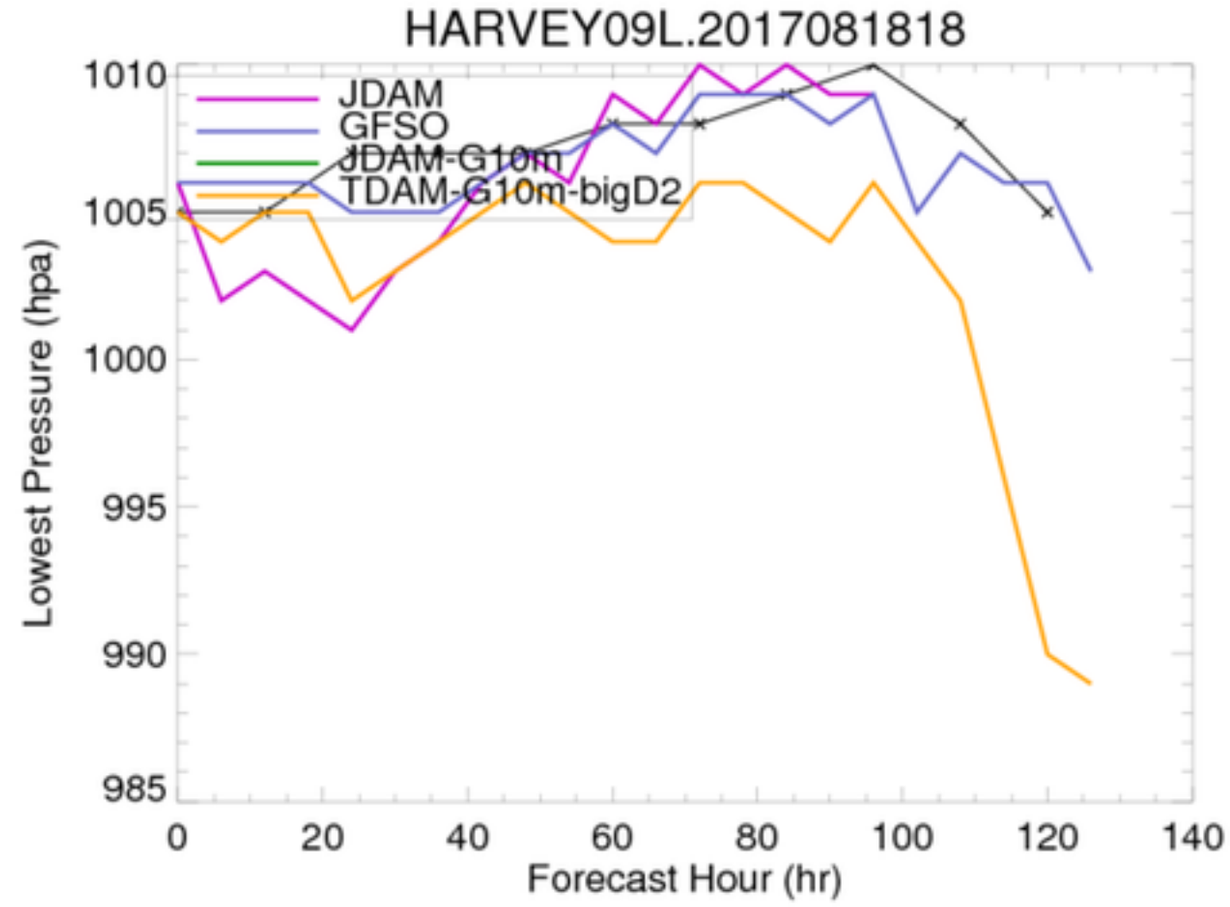

HARVEY09L.2017081812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100 -95 -90 -85 -80 -75 -70 -65 -60 -55
10 12 14 16 18 20 22
22 20 18 16 14 12 10

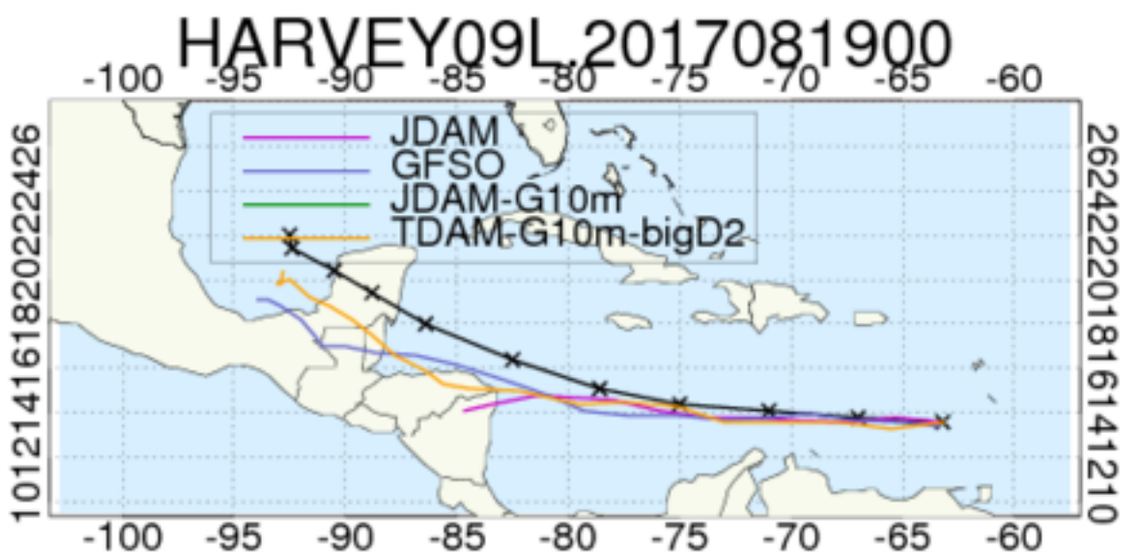

HARVEY09L.2017081812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
10 20 30 40 50 60
0 20 40 60 80 100 120 140
Forecast Hour (hr)

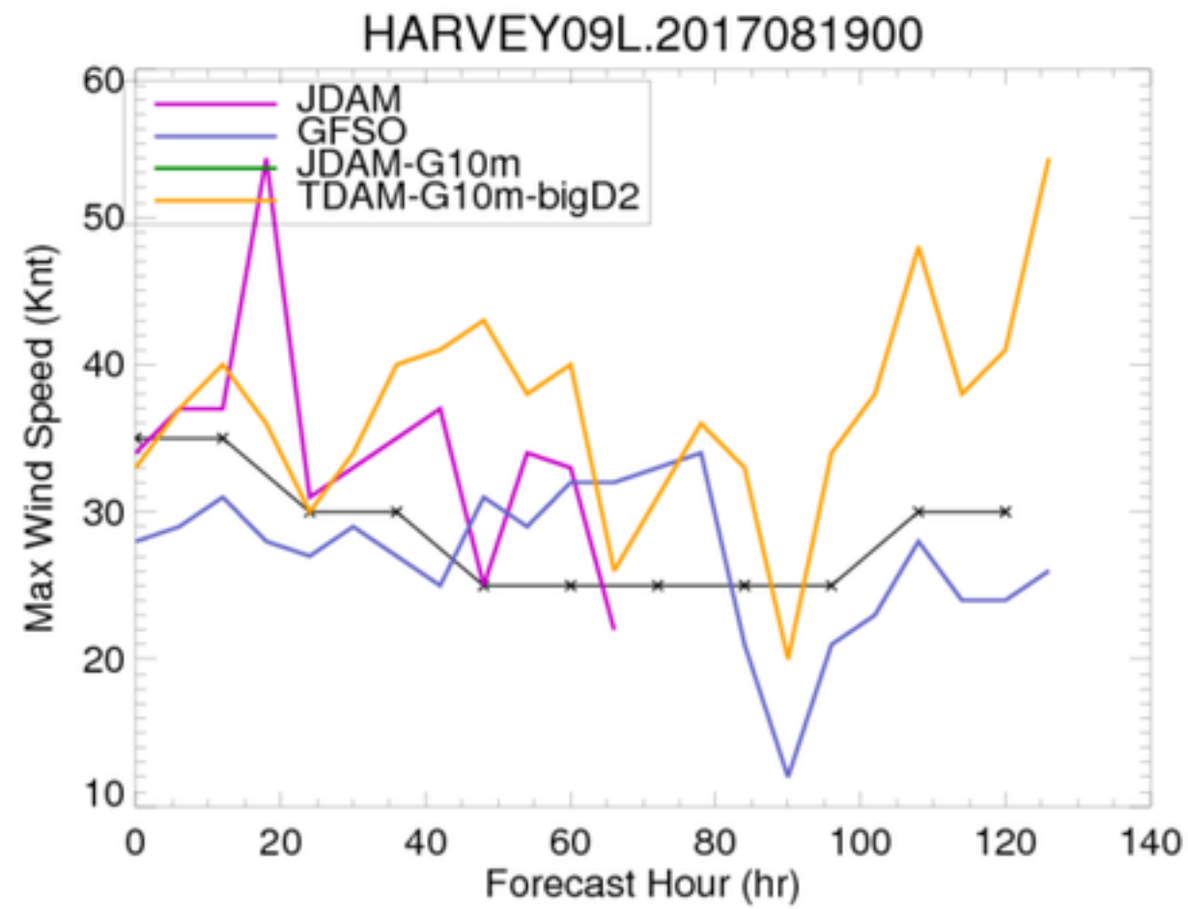

HARVEY09L.2017081812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
980 990 1000 1010 1020
0 20 40 60 80 100 120 140
Forecast Hour (hr)

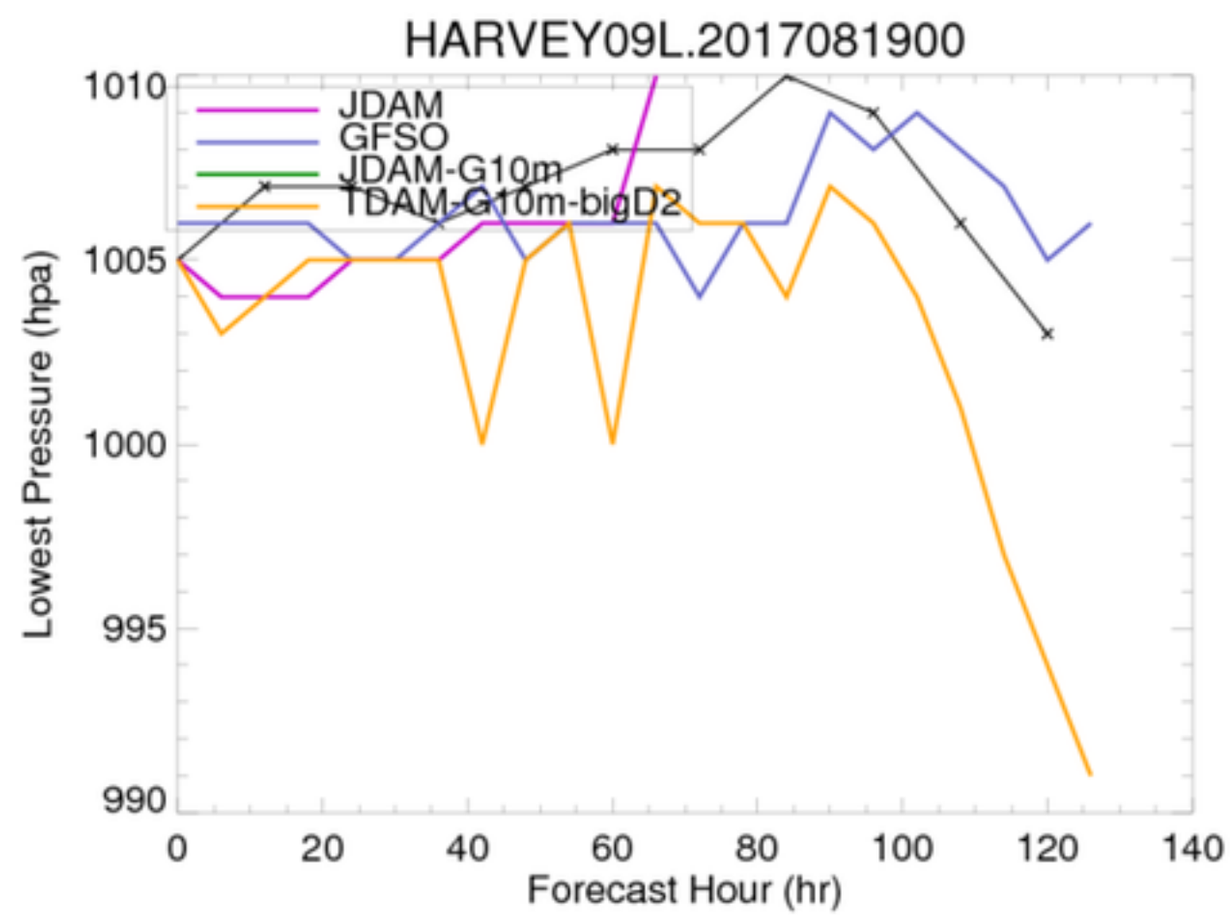

HARVEY09L.2017081818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100 -95 -90 -85 -80 -75 -70 -65 -60
1012141618202224
2422201816141210

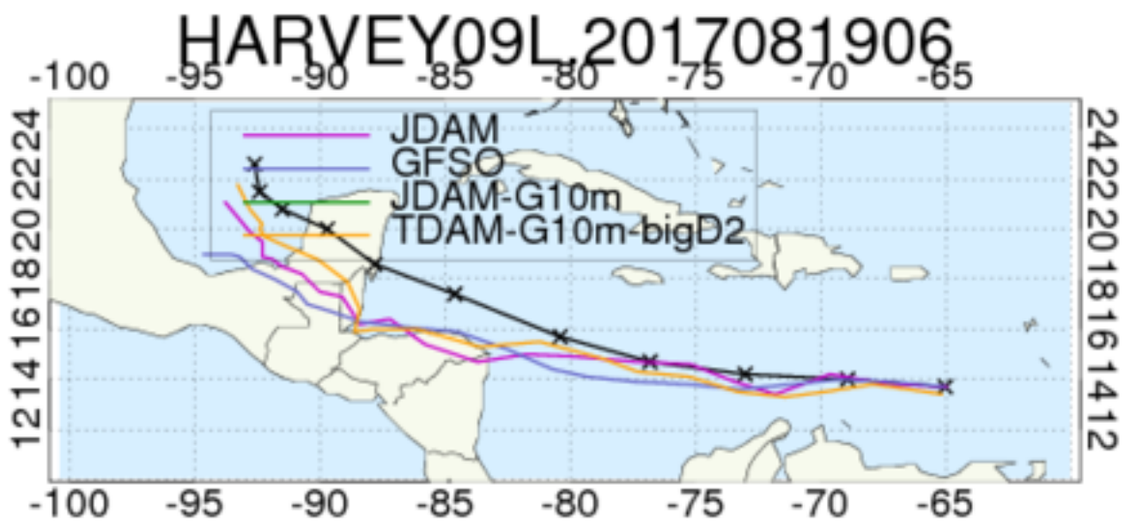

HARVEY09L.2017081818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
10 20 30 40 50 60 70
0 20 40 60 80 100 120 140

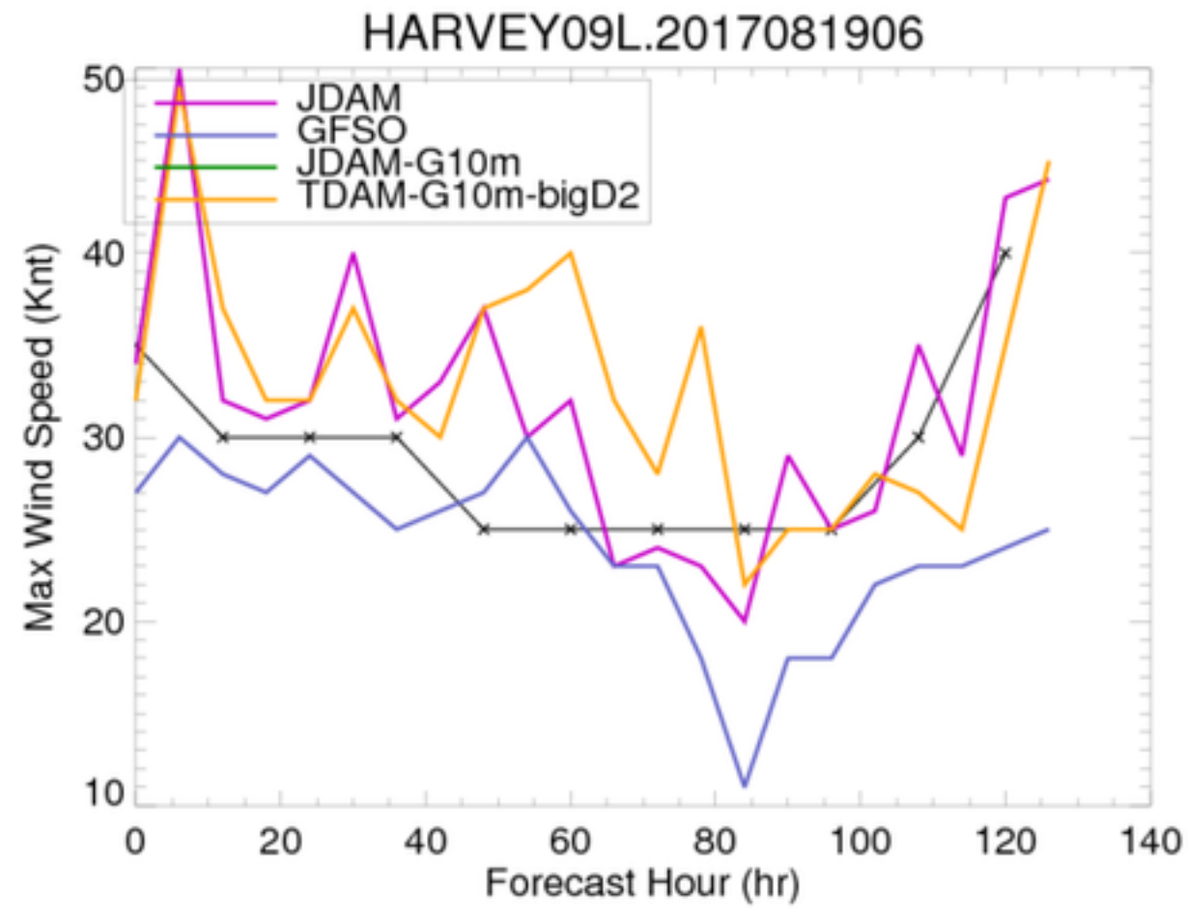

HARVEY09L.2017081818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
985 990 995 1000 1005 1010
0 20 40 60 80 100 120 140

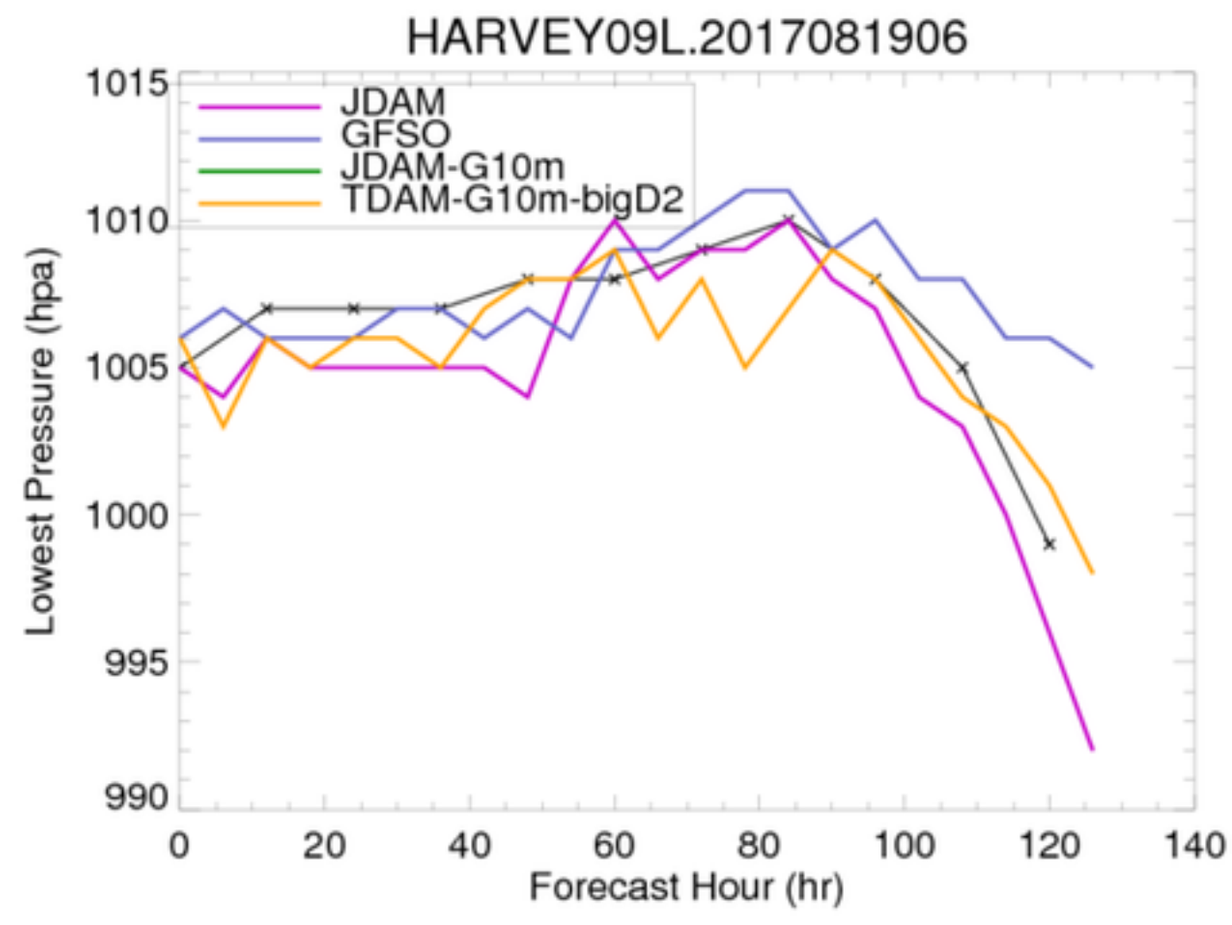

HARVEY09L.2017081900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100 -95 -90 -85 -80 -75 -70 -65 -60
10 12 14 16 18 20 22 24 26
26 24 22 20 18 16 14 12 10

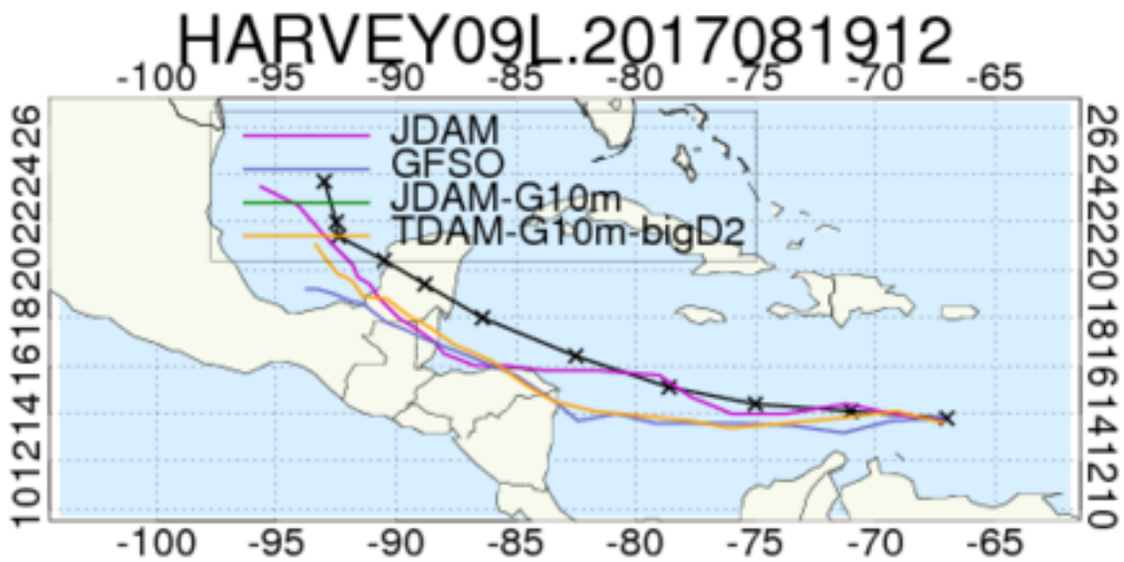

HARVEY09L.2017081900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
10 20 30 40 50 60
0 20 40 60 80 100 120 140
Forecast Hour (hr)

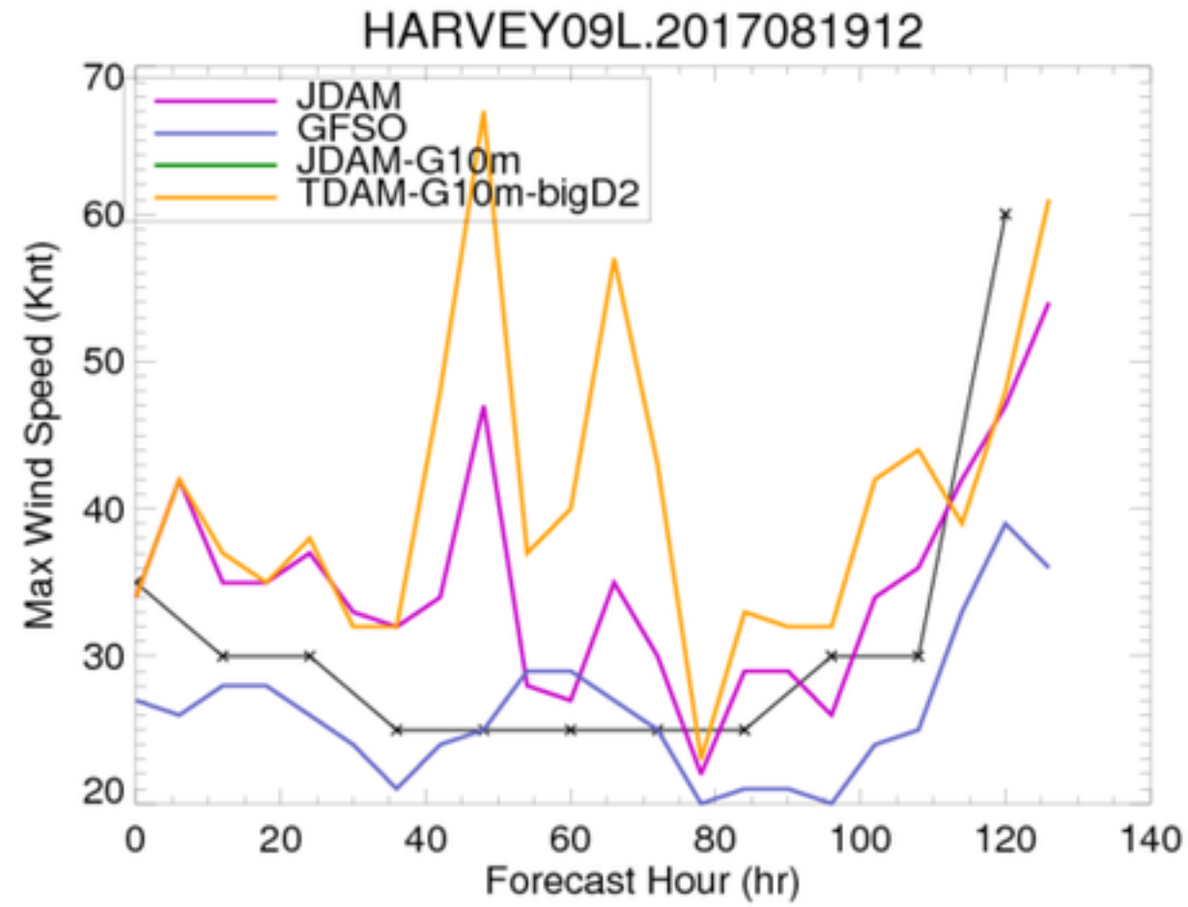

HARVEY09L.2017081900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
990 995 1000 1005 1010
0 20 40 60 80 100 120 140
Forecast Hour (hr)

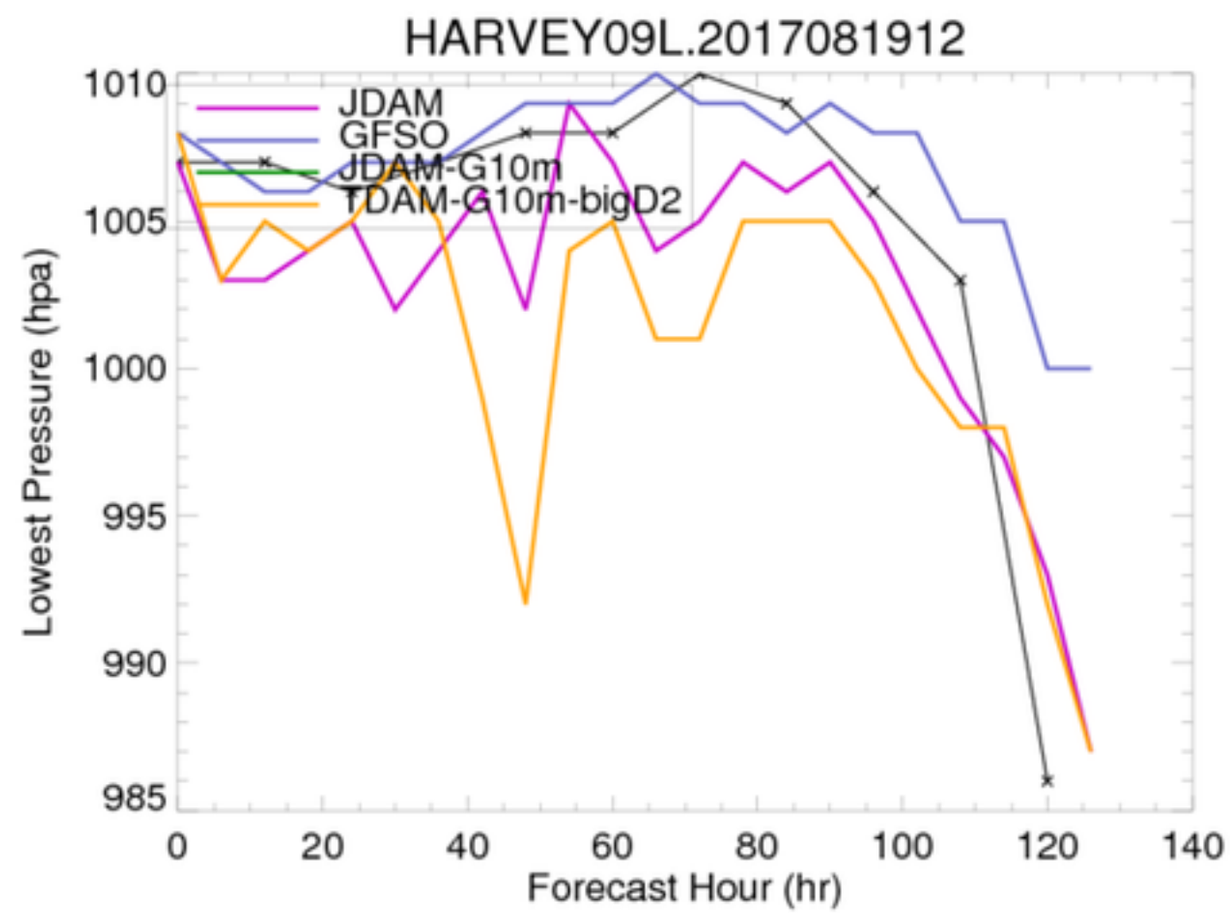

HARVEY09L.2017081906
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100 -95 -90 -85 -80 -75 -70 -65
12 14 16 18 20 22 24
24 22 20 18 16 14 12

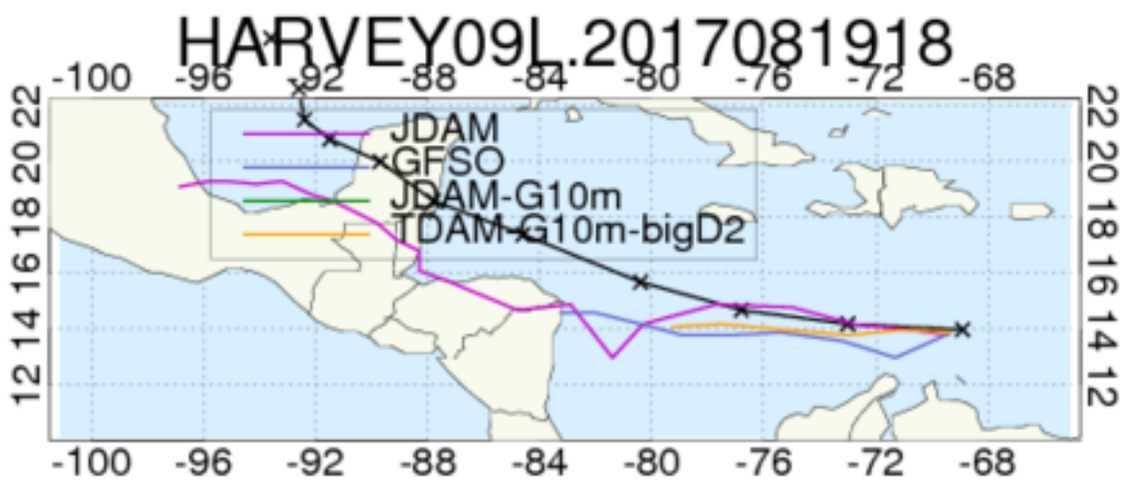

HARVEY09L.2017081906
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
10 20 30 40 50
0 20 40 60 80 100 120 140
Forecast Hour (hr)

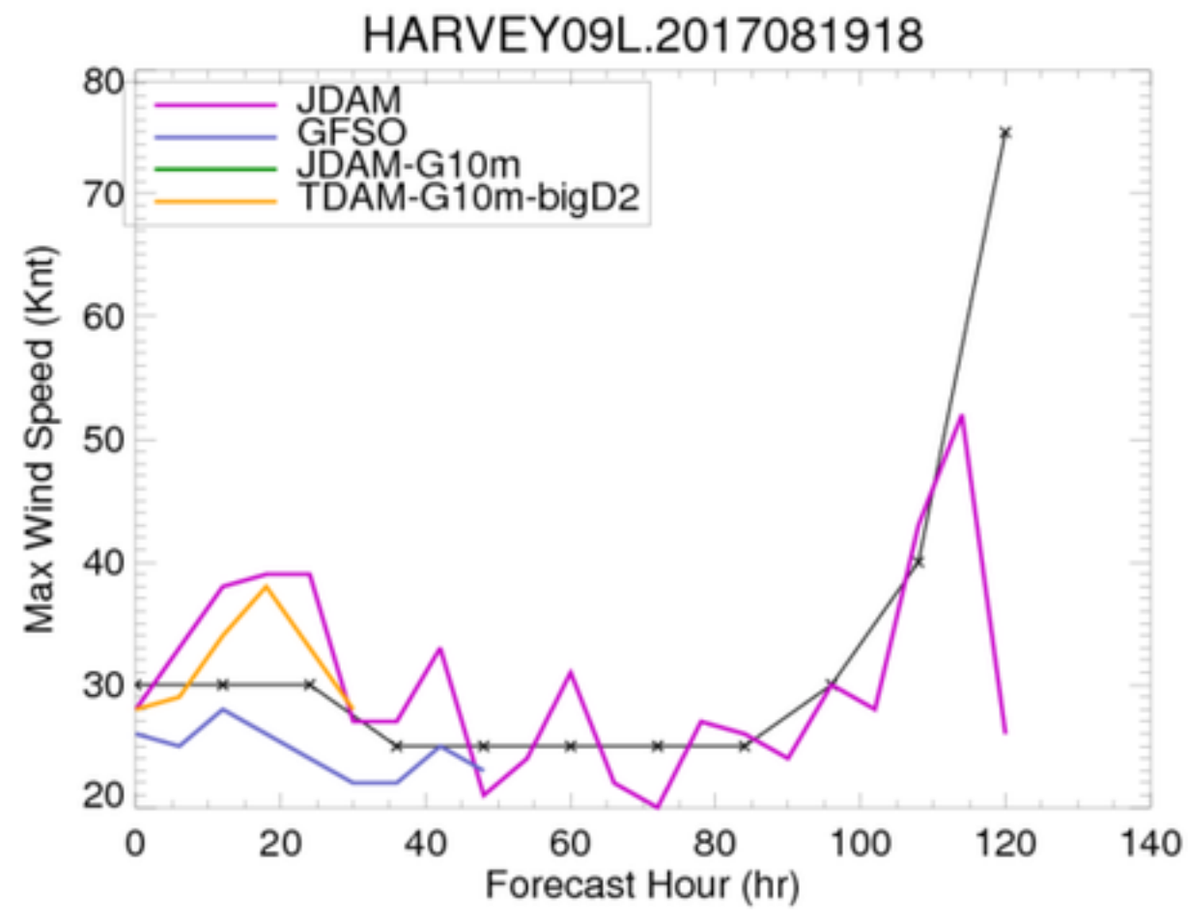

HARVEY09L.2017081906
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
990 995 1000 1005 1010 1015
0 20 40 60 80 100 120 140
Forecast Hour (hr)

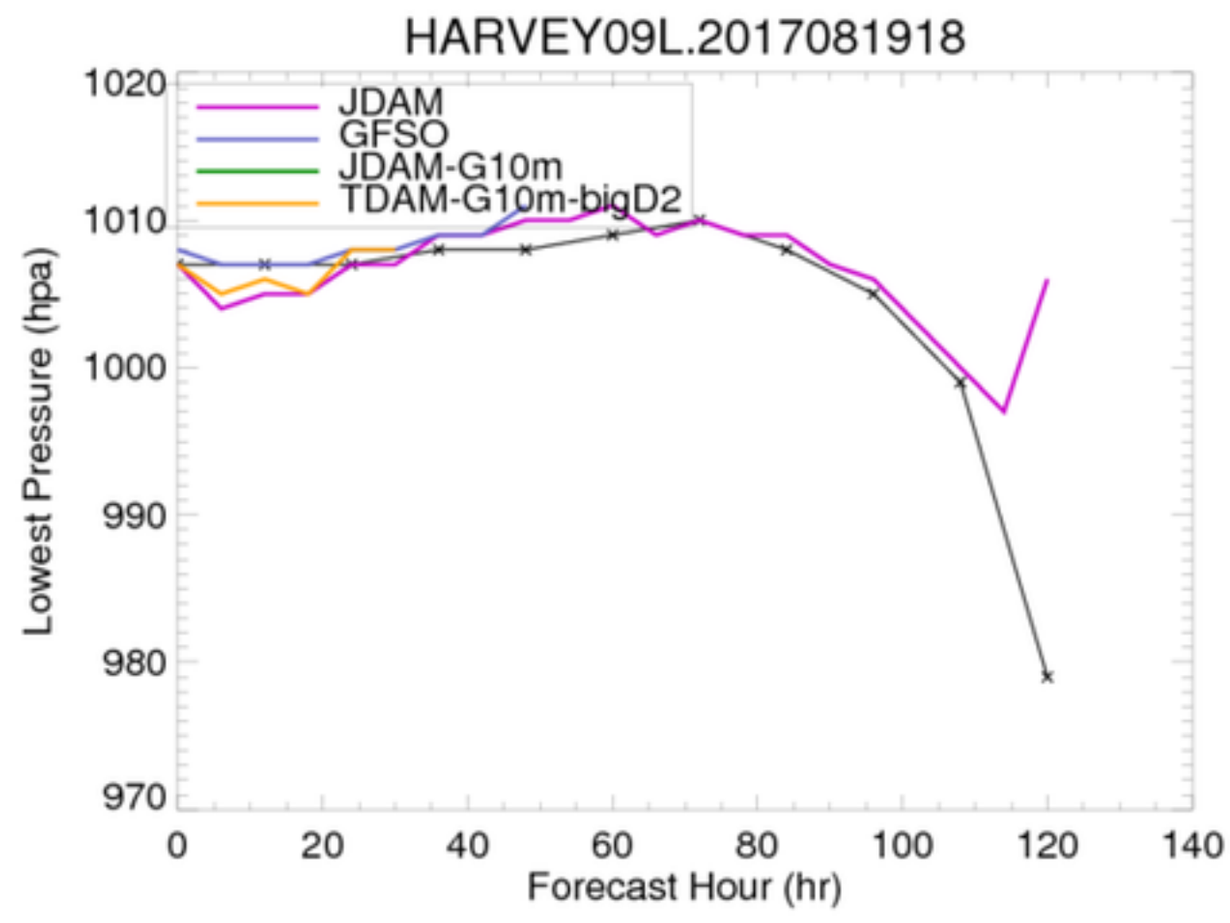

HARVEY09L.2017081912
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100 -95 -90 -85 -80 -75 -70 -65
10 12 14 16 18 20 22 24 26
26 24 22 20 18 16 14 12 10

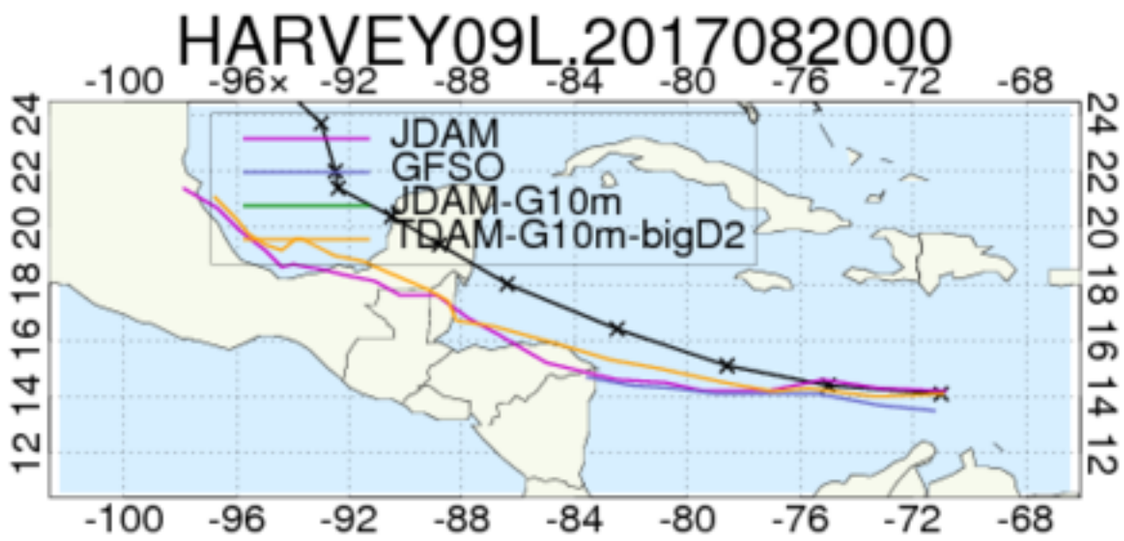

HARVEY09L.2017081912
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
20 30 40 50 60 70
0 20 40 60 80 100 120 140
Forecast Hour (hr)

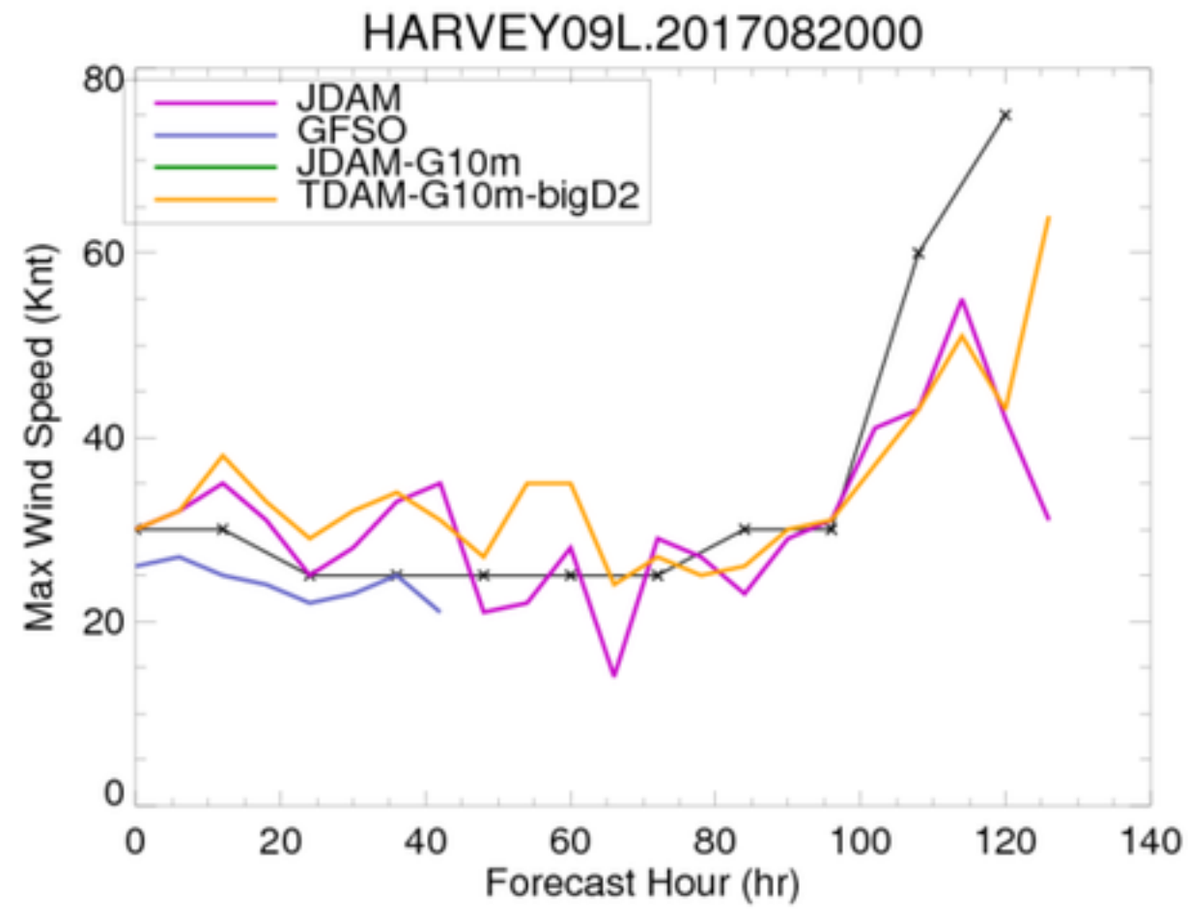

HARVEY09L.2017081912
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
985 990 995 1000 1005 1010
0 20 40 60 80 100 120 140
Forecast Hour (hr)

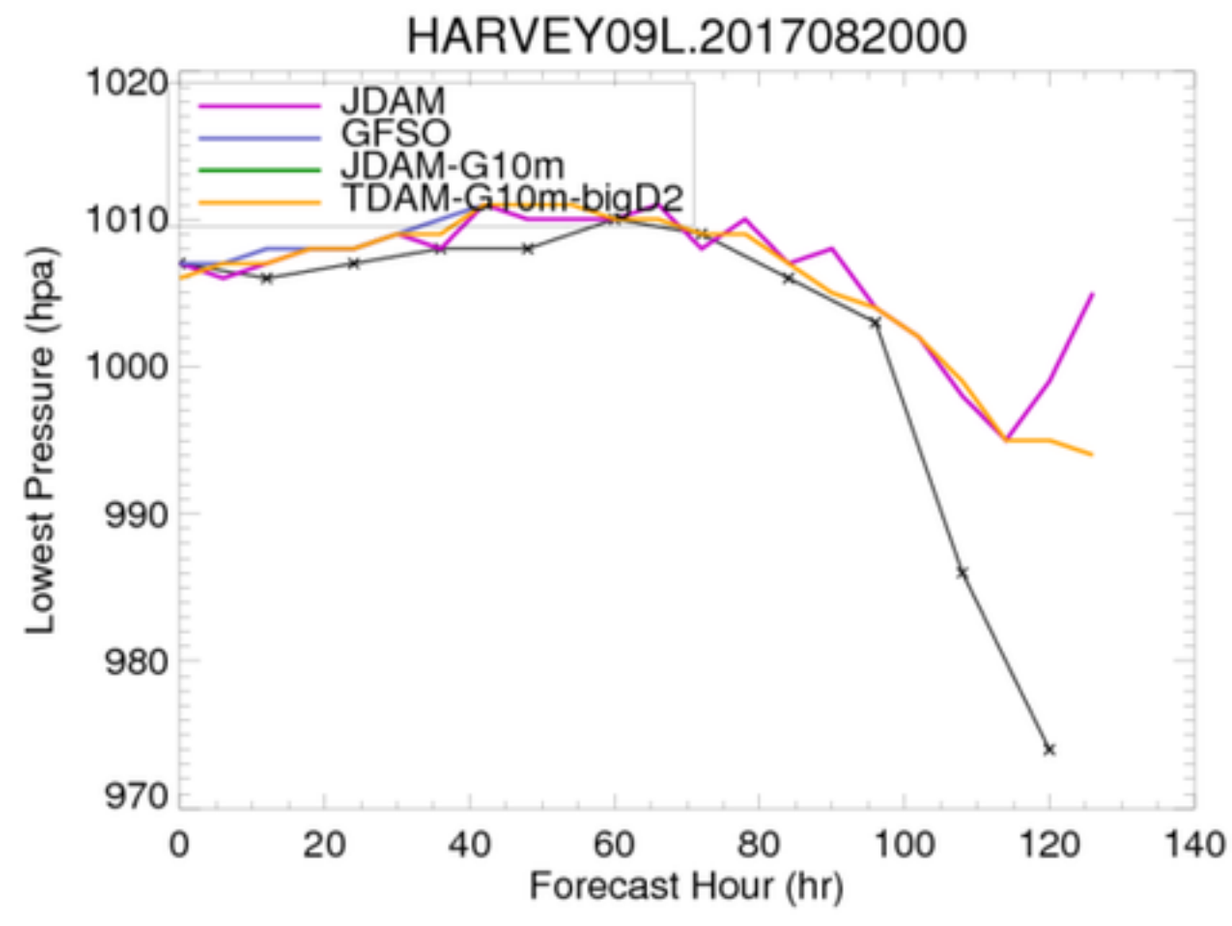

HARVEY09L.2017081918
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100 -96 -92 -88 -84 -80 -76 -72 -68
12 14 16 18 20 22

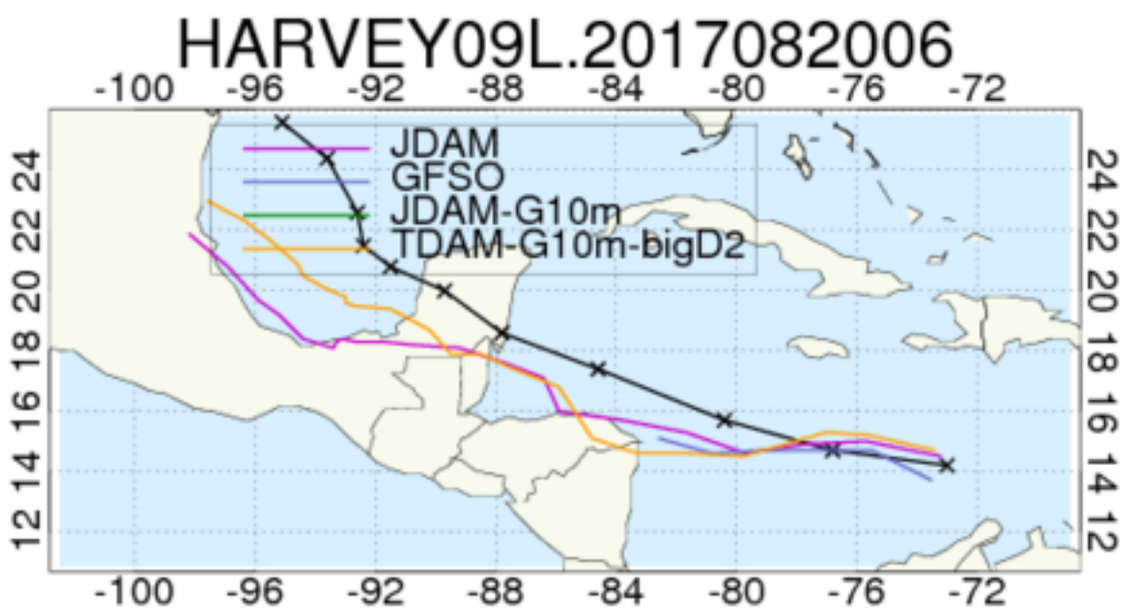

HARVEY09L.2017081918
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
20 30 40 50 60 70 80
Forecast Hour (hr)
0 20 40 60 80 100 120 140

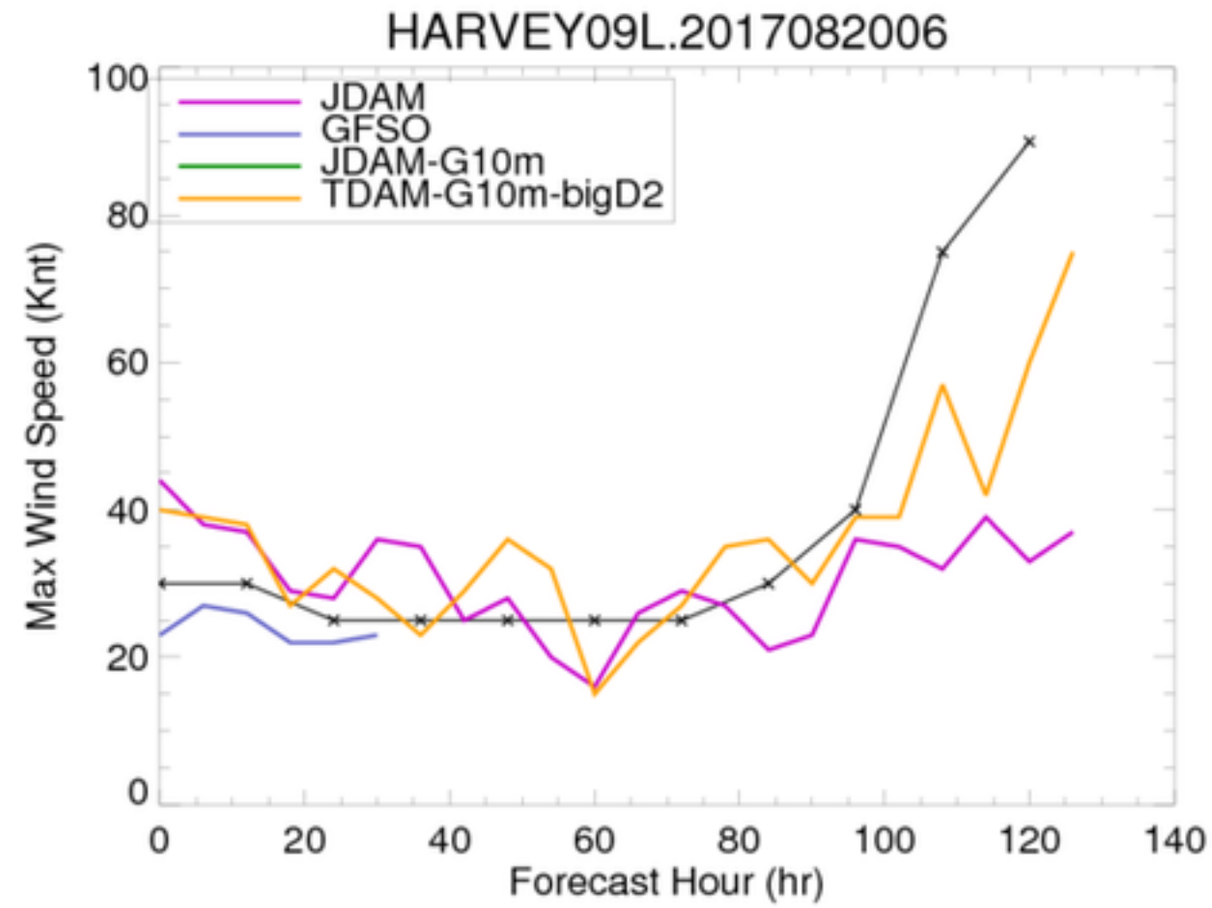

HARVEY09L.2017081918
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
970 980 990 1000 1010 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

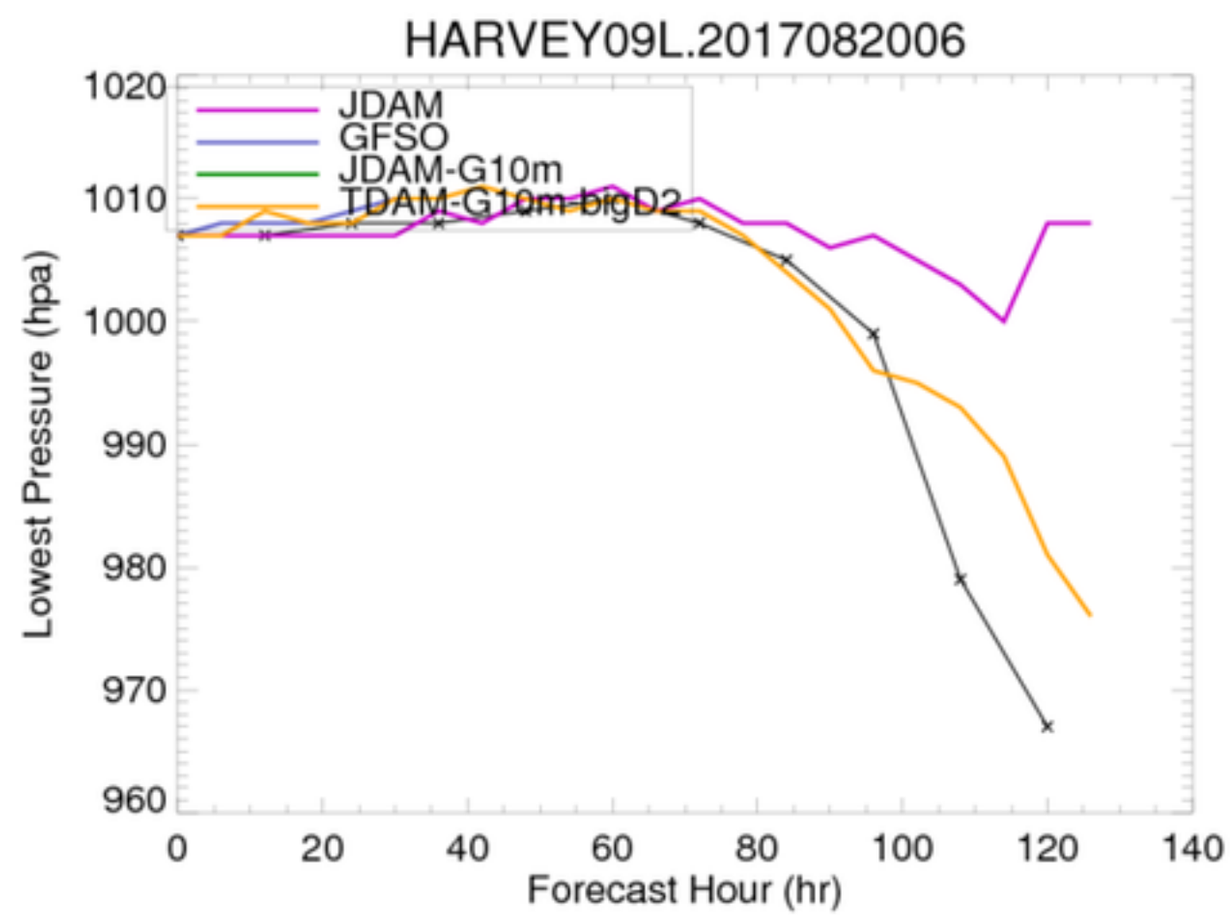

HARVEY09L.2017082000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100 -96 -92 -88 -84 -80 -76 -72 -68
12 14 16 18 20 22 24

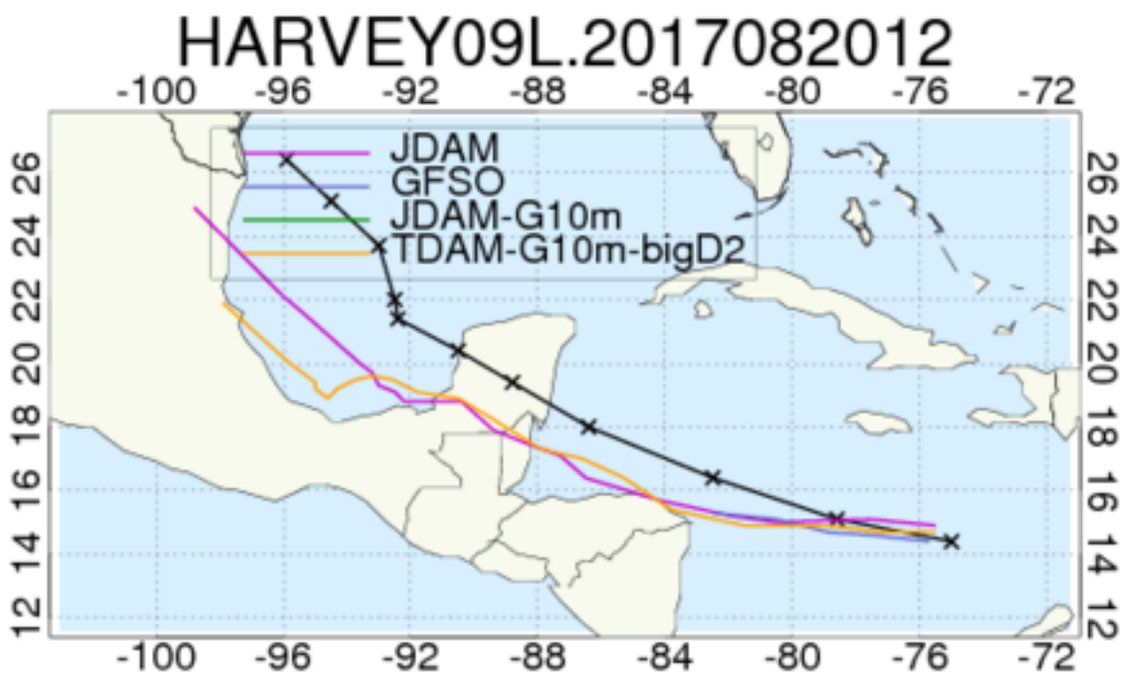

HARVEY09L.2017082000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
0 20 40 60 80
0 20 40 60 80 100 120 140

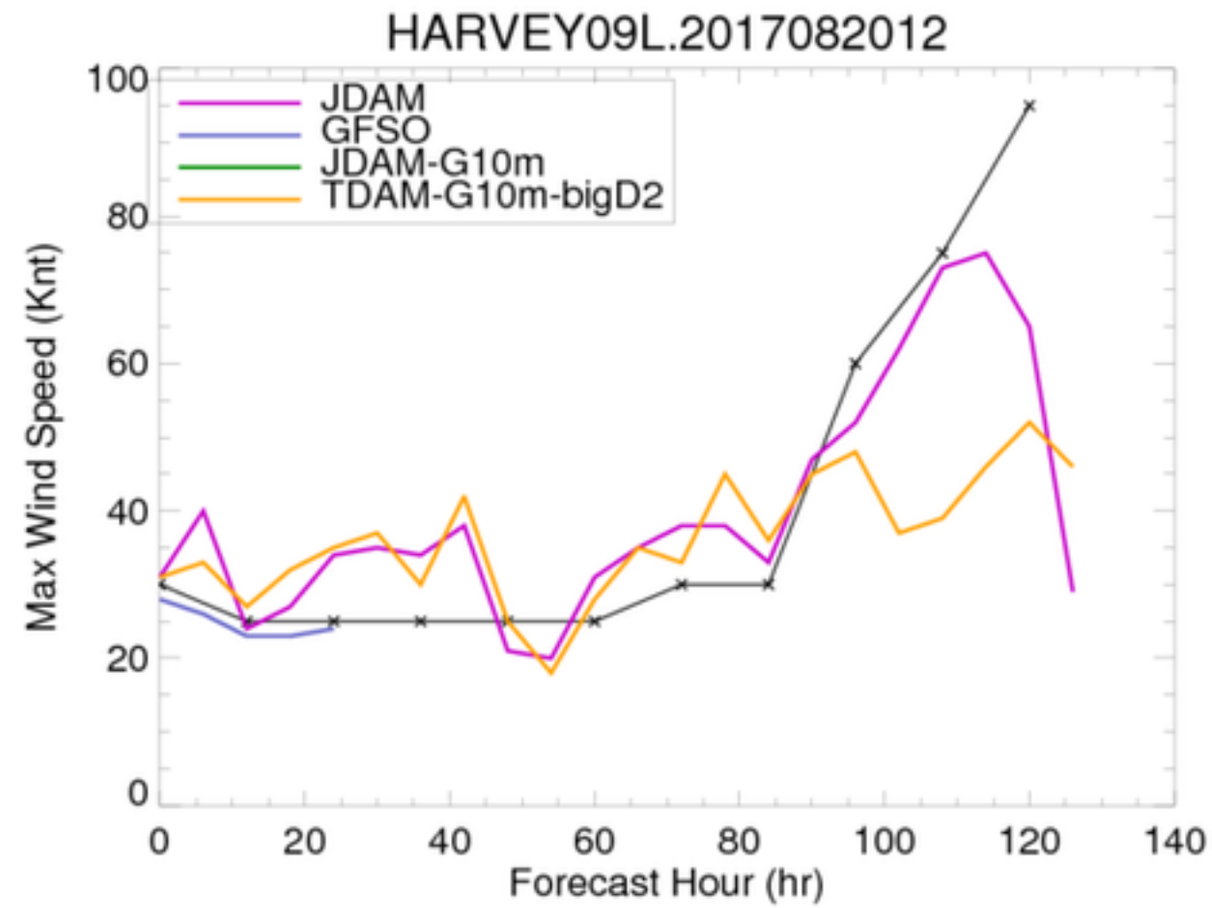

HARVEY09L.2017082000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
970 980 990 1000 1010 1020
0 20 40 60 80 100 120 140

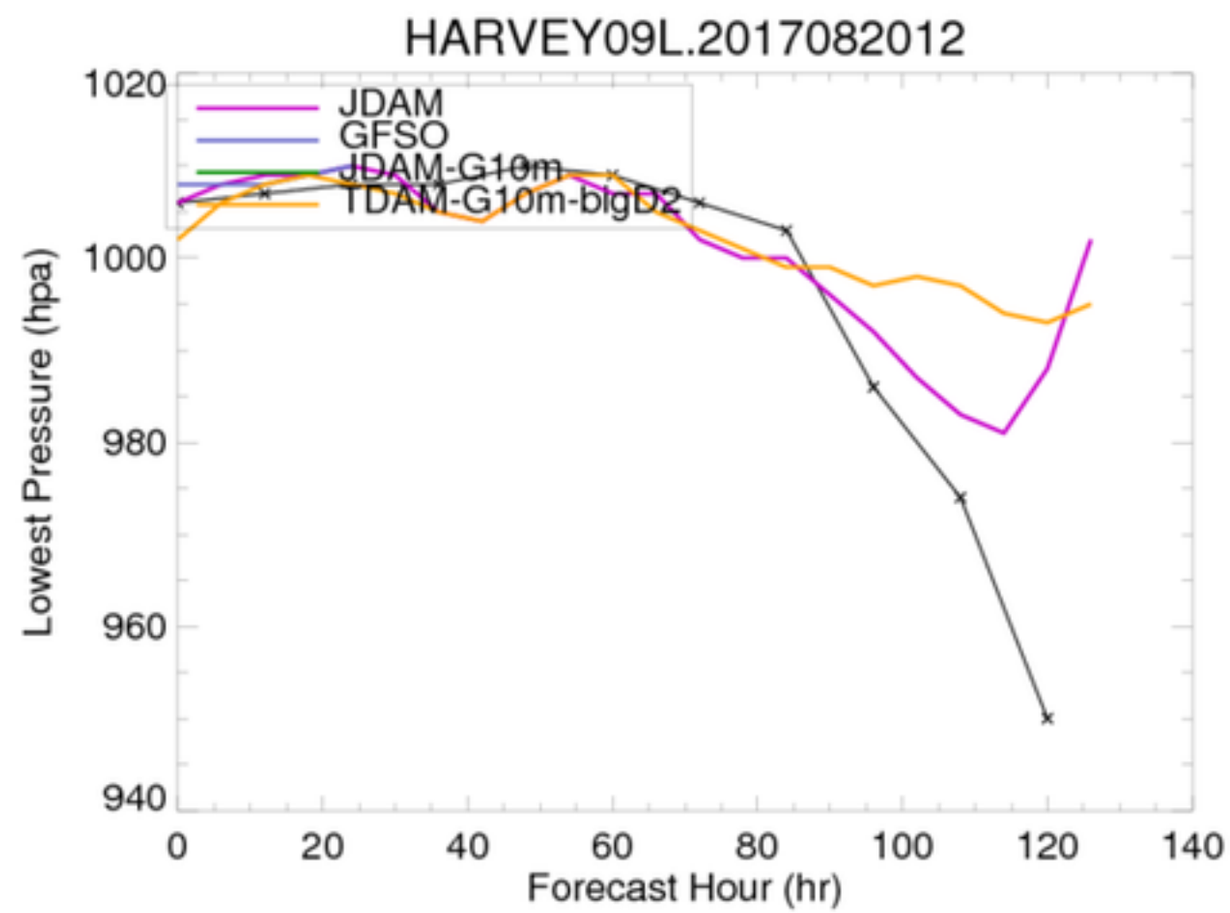

HARVEY09L.2017082006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100 -96 -92 -88 -84 -80 -76 -72
12 14 16 18 20 22 24

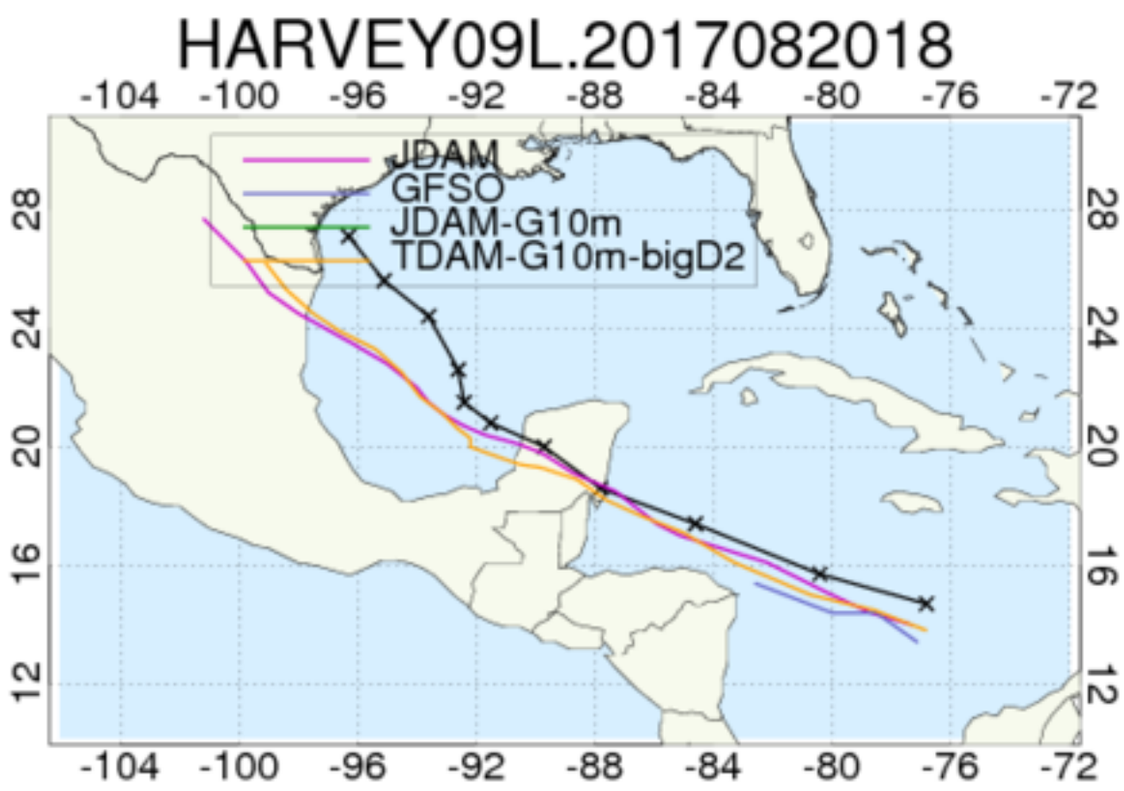

HARVEY09L.2017082006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
0 20 40 60 80 100
0 20 40 60 80 100 120 140

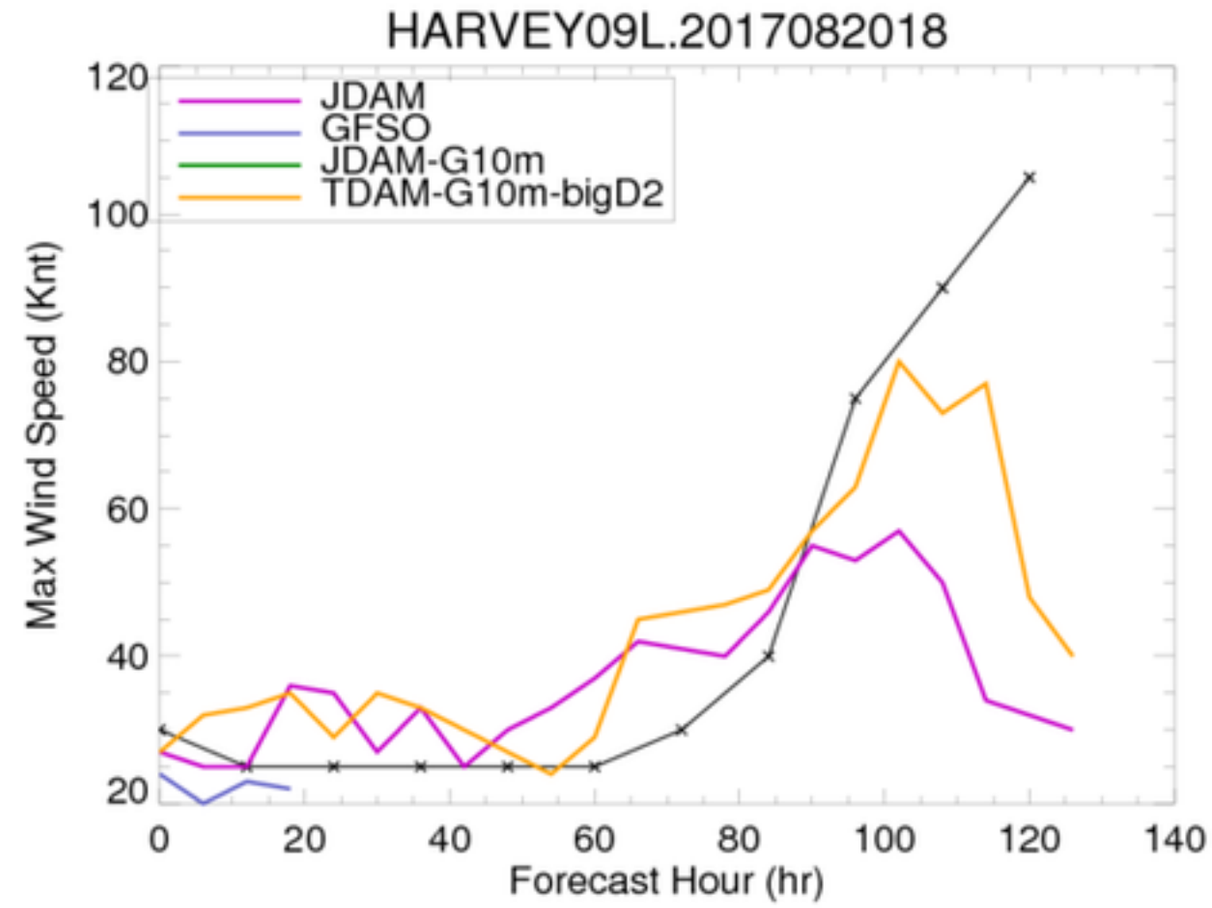

HARVEY09L.2017082006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
960 970 980 990 1000 1010 1020
0 20 40 60 80 100 120 140

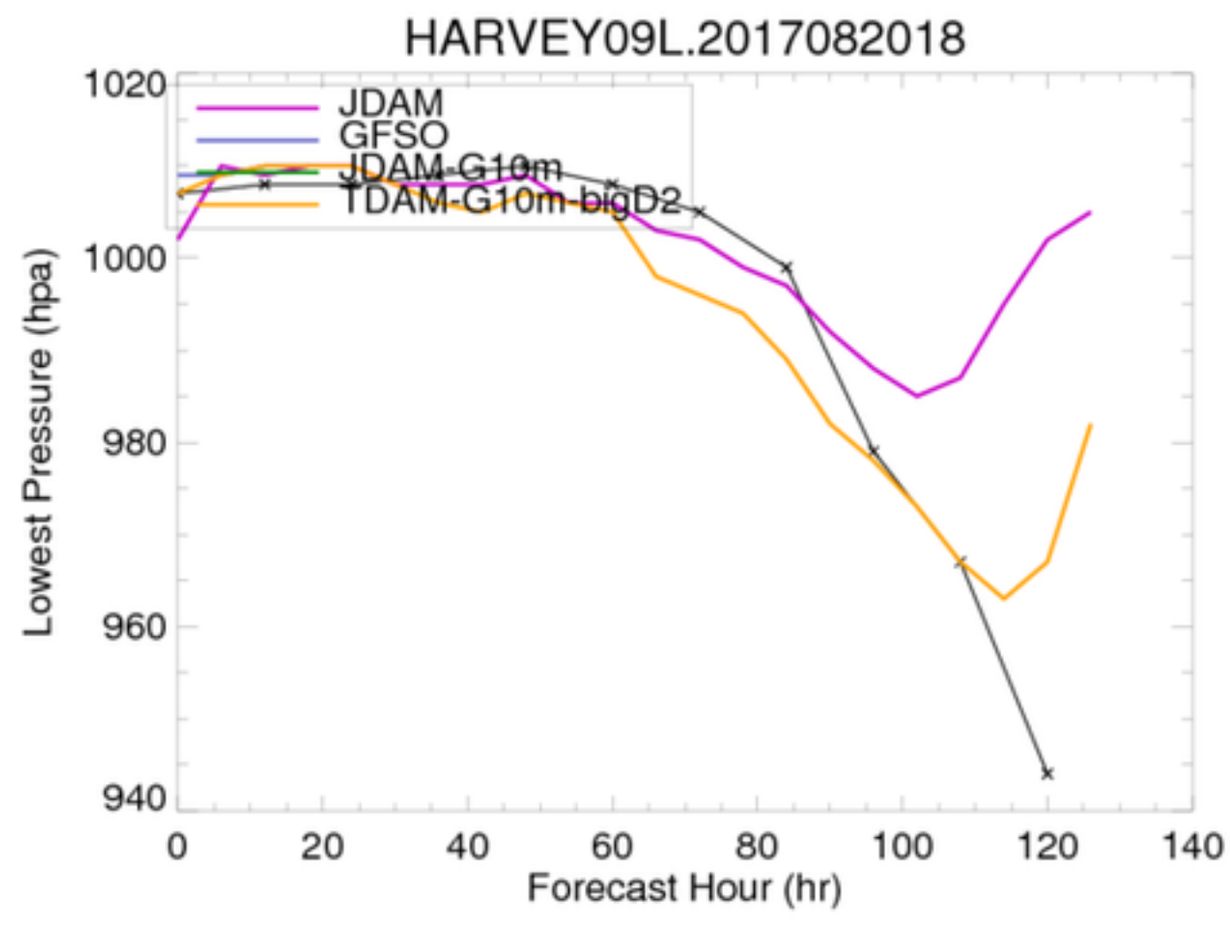

HARVEY09L.2017082012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100 -96 -92 -88 -84 -80 -76 -72
12 14 16 18 20 22 24 26

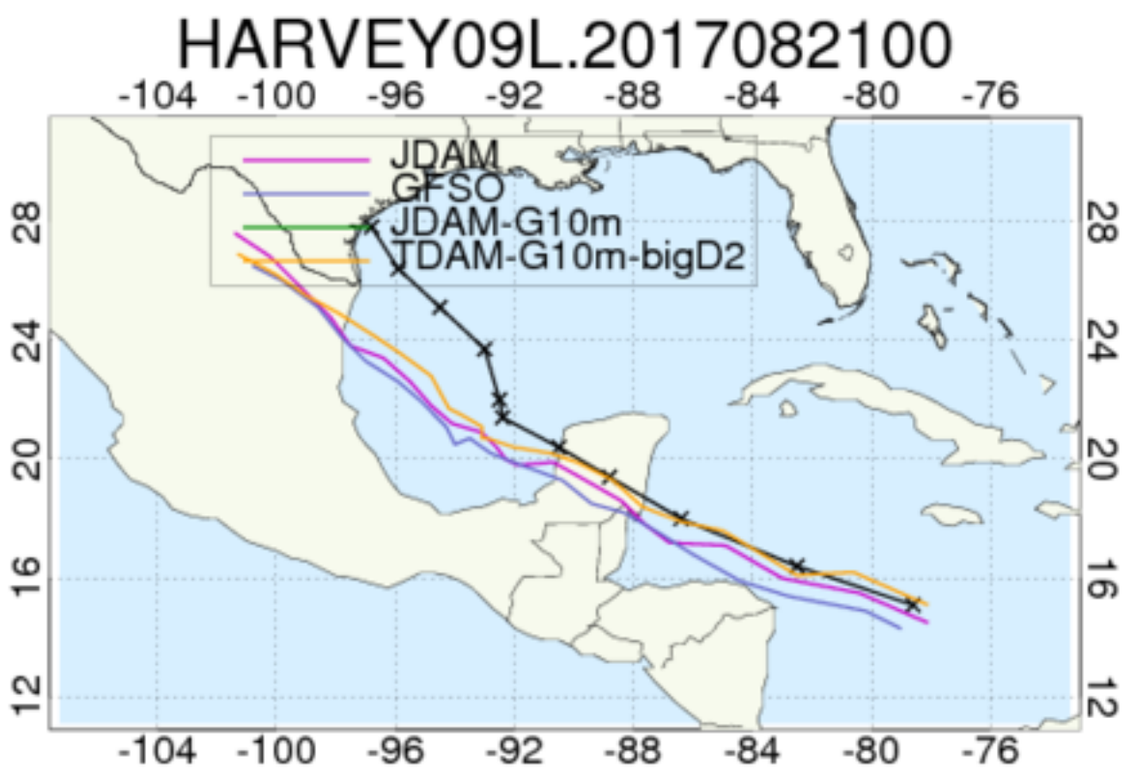

HARVEY09L.2017082012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
0 20 40 60 80 100
Forecast Hour (hr)
0 20 40 60 80 100 120 140

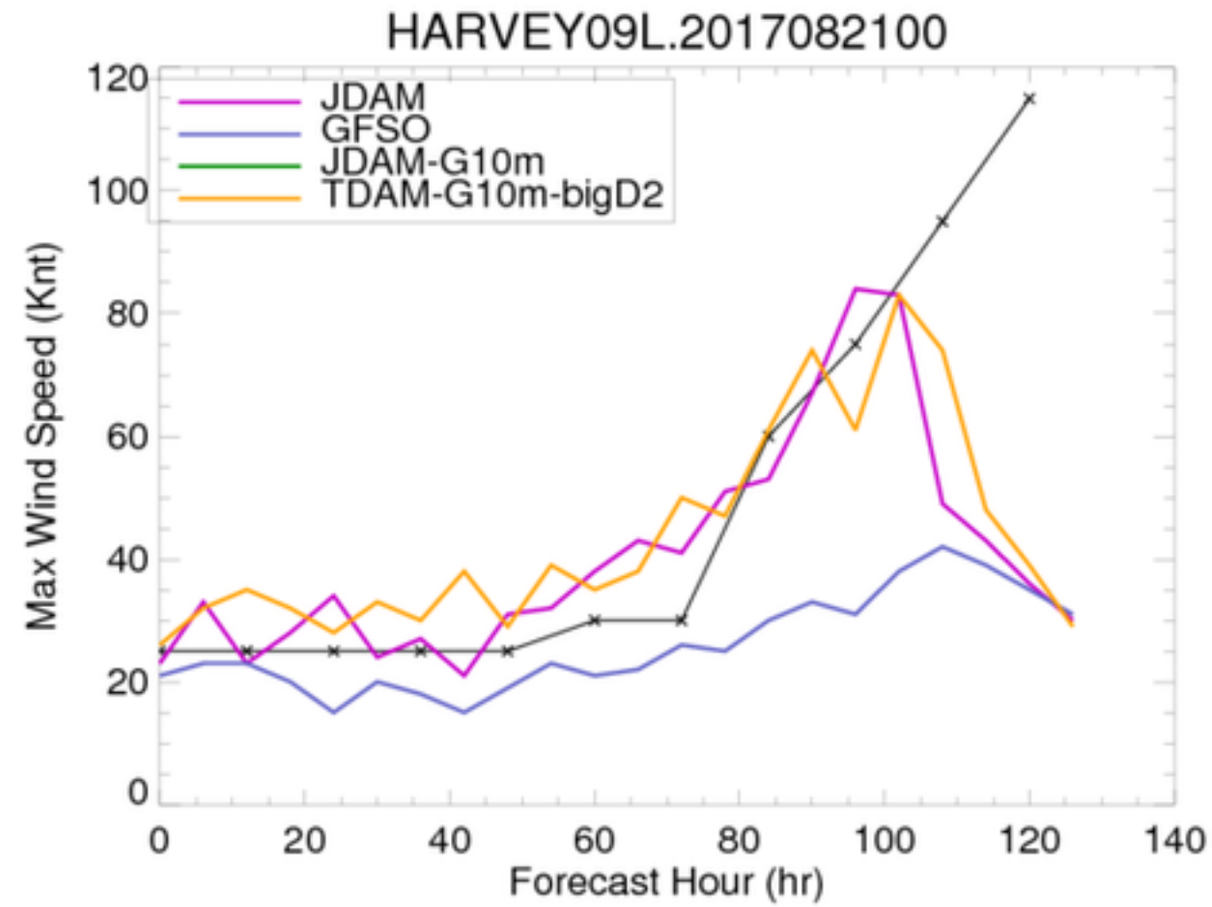

HARVEY09L.2017082012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

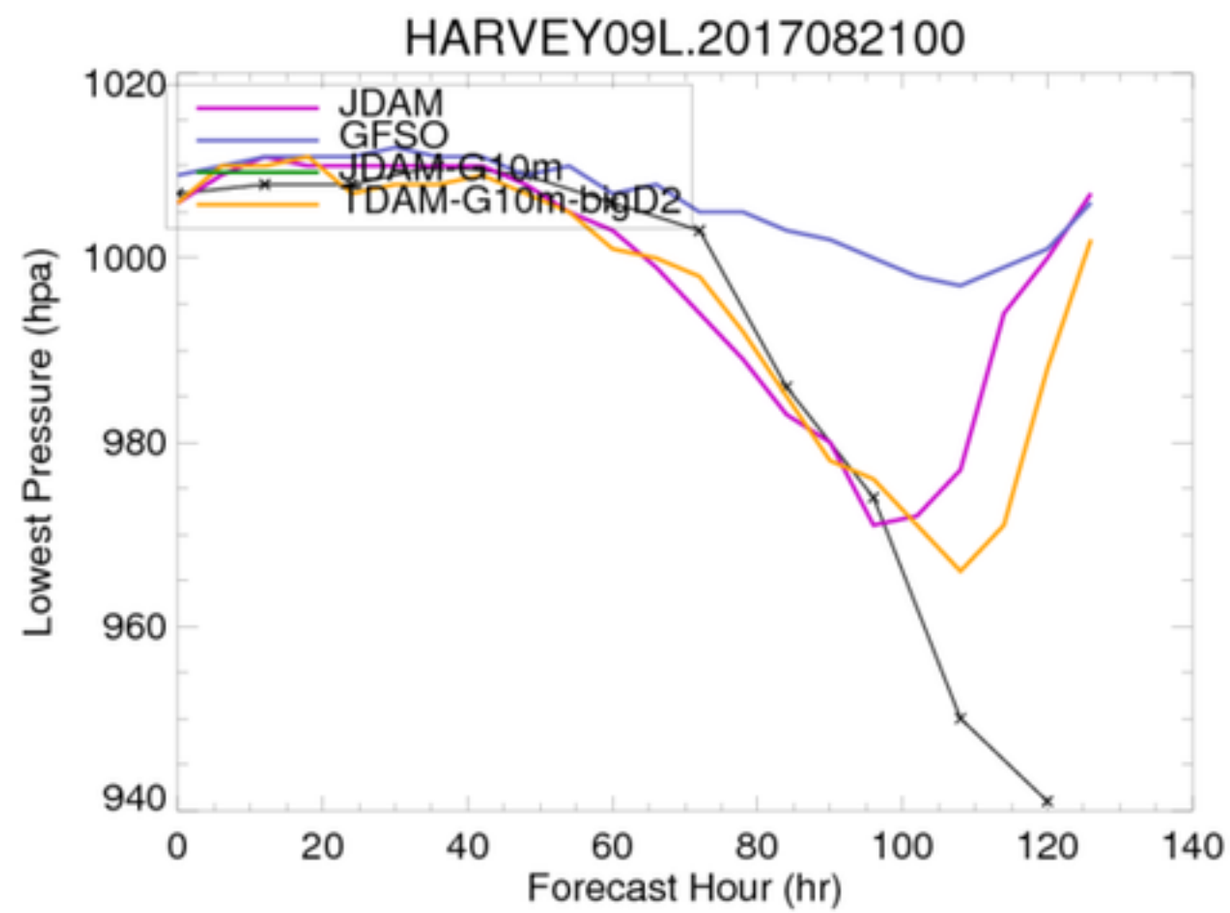

HARVEY09L.2017082018
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-104 -100 -96 -92 -88 -84 -80 -76 -72
12 16 20 24 28

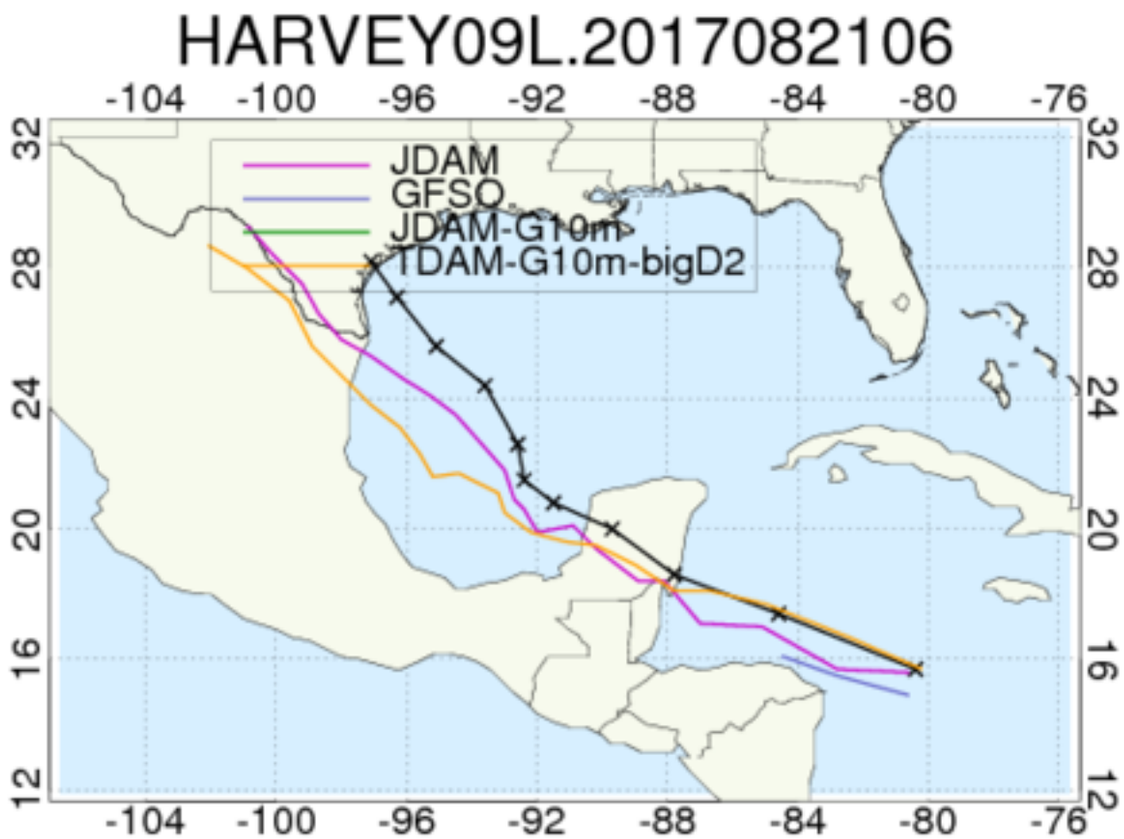

HARVEY09L.2017082018
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
20 40 60 80 100 120
Forecast Hour (hr)
0 20 40 60 80 100 120 140

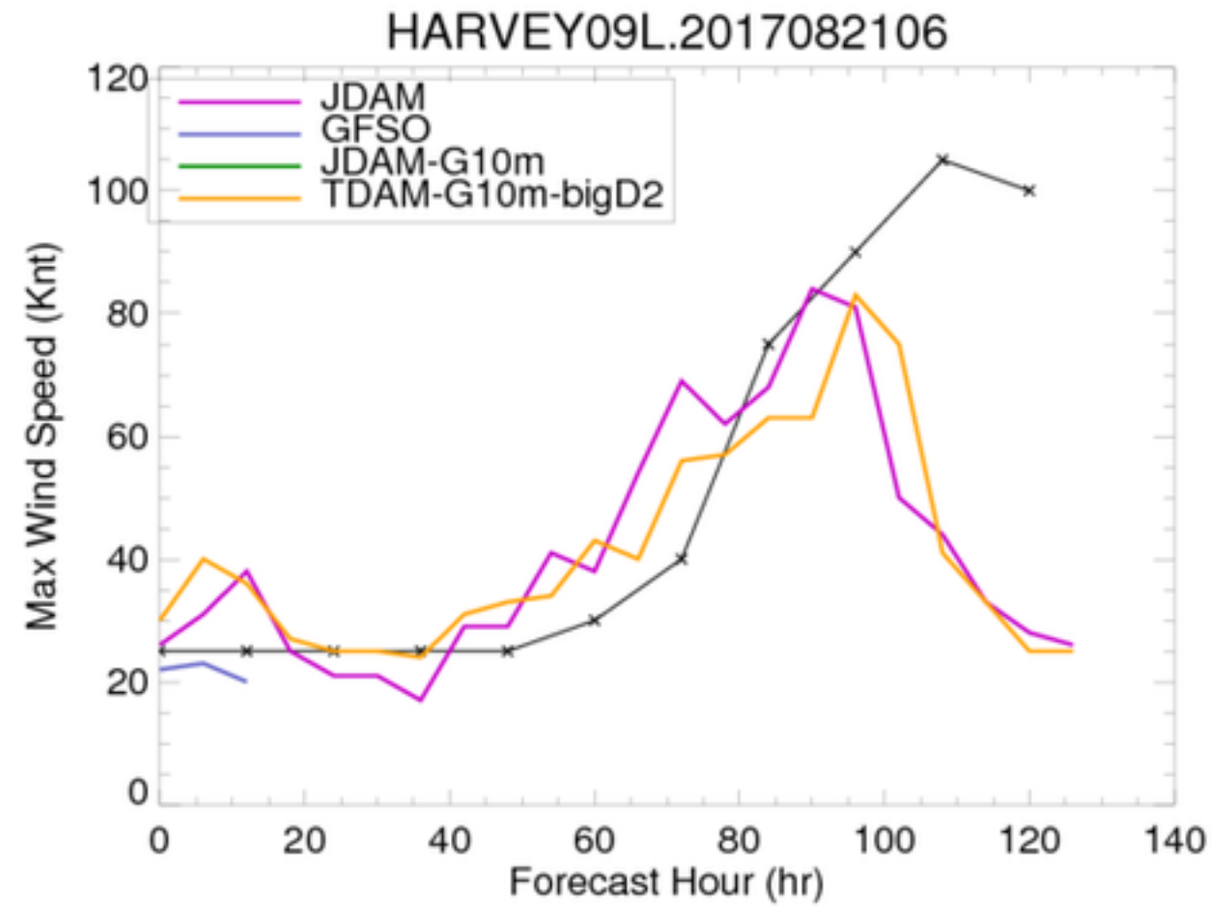

HARVEY09L.2017082018
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

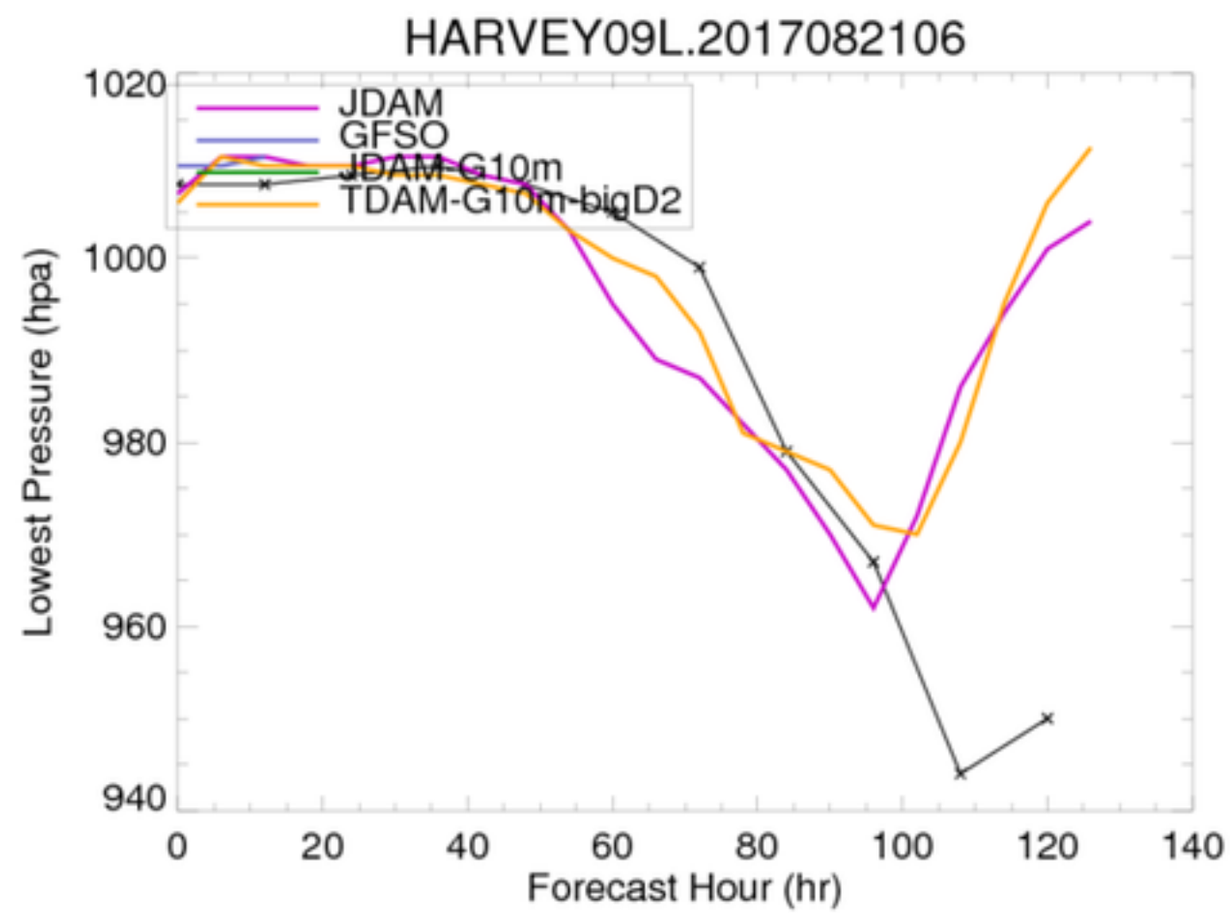

HARVEY09L.2017082100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-104 -100 -96 -92 -88 -84 -80 -76
12 16 20 24 28

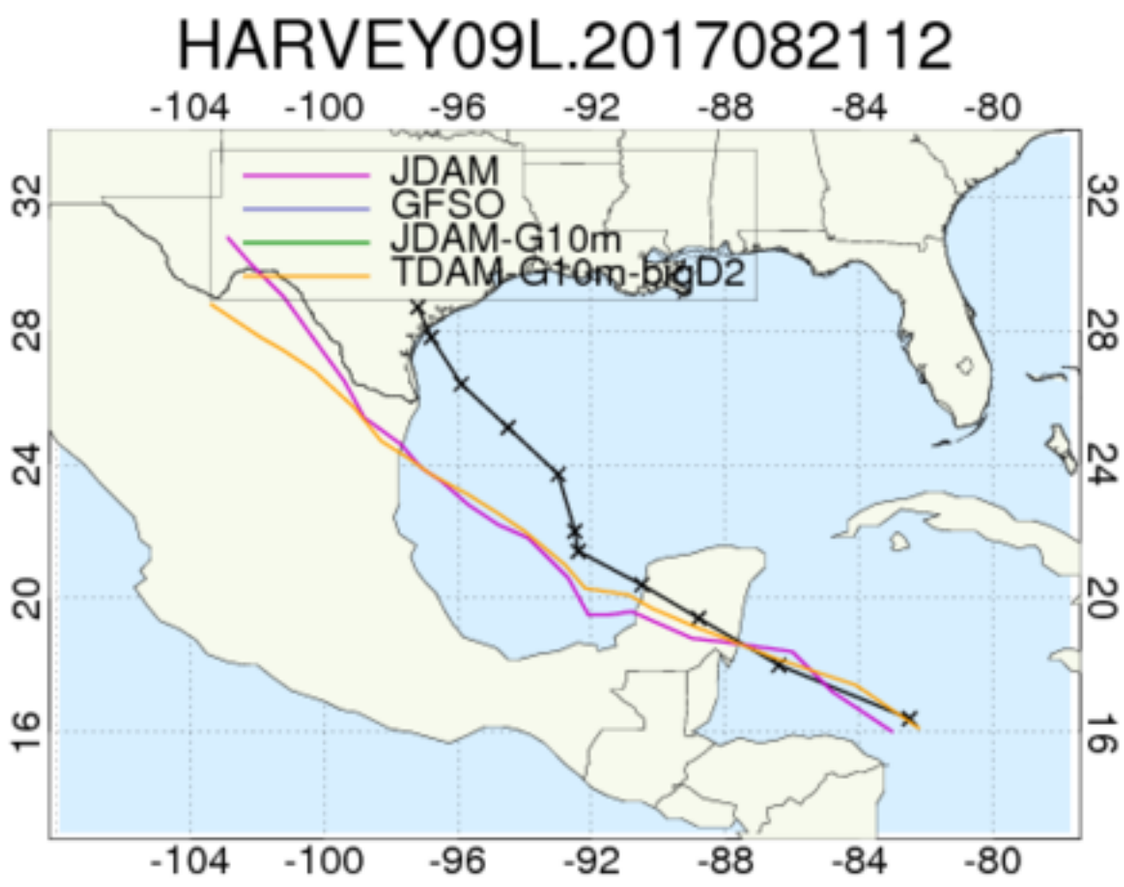

HARVEY09L.2017082100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
0 20 40 60 80 100 120
0 20 40 60 80 100 120 140

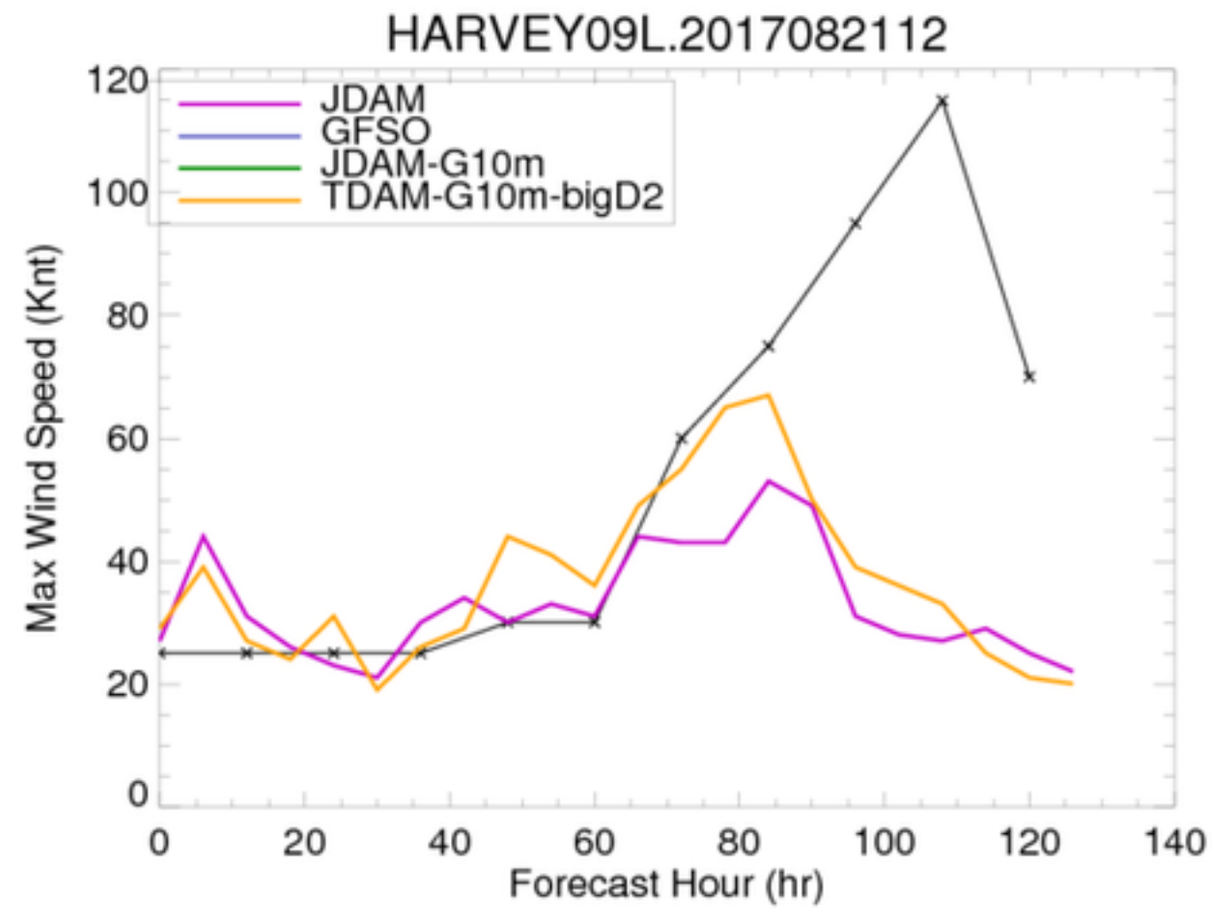

HARVEY09L.2017082100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
940 960 980 1000 1020
0 20 40 60 80 100 120 140

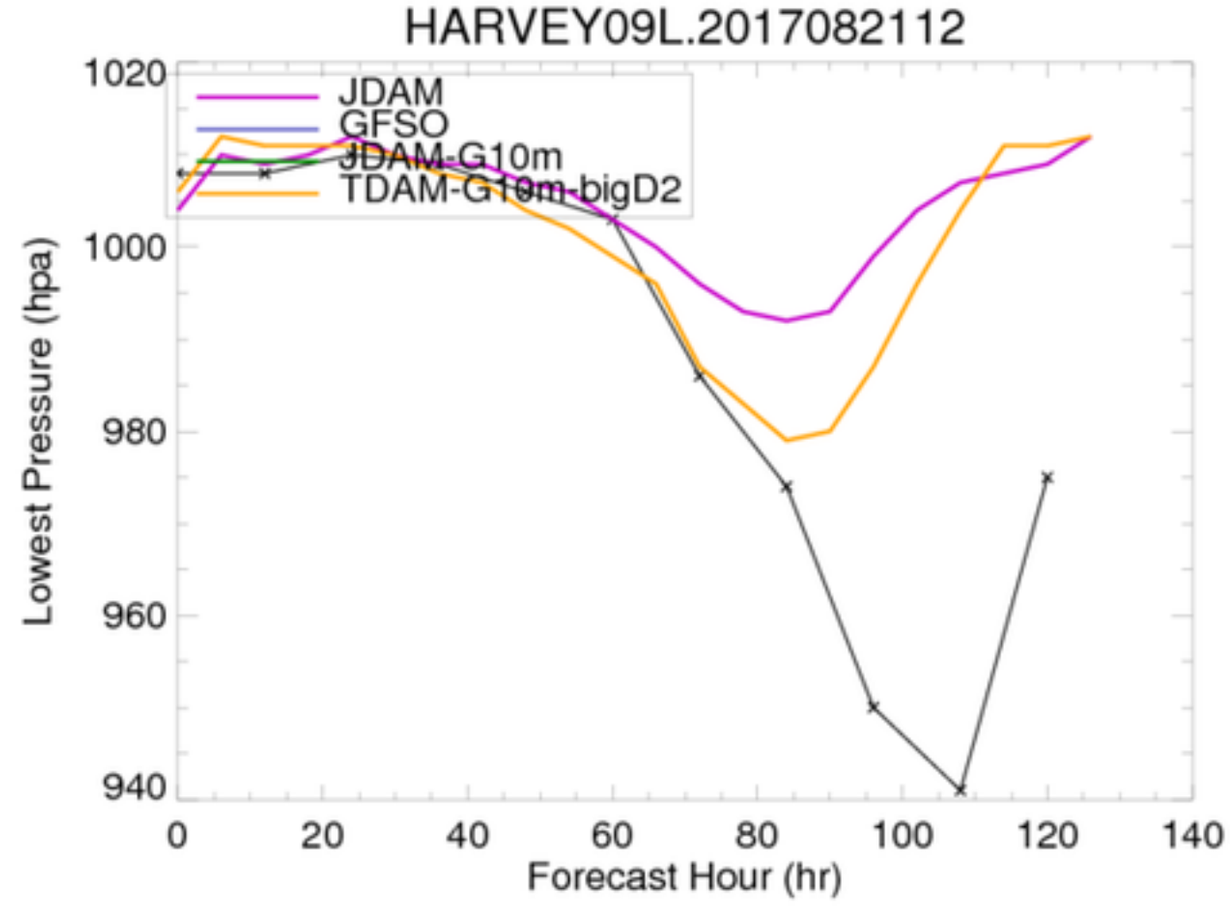

HARVEY09L.2017082106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-104 -100 -96 -92 -88 -84 -80 -76
12 16 20 24 28 32

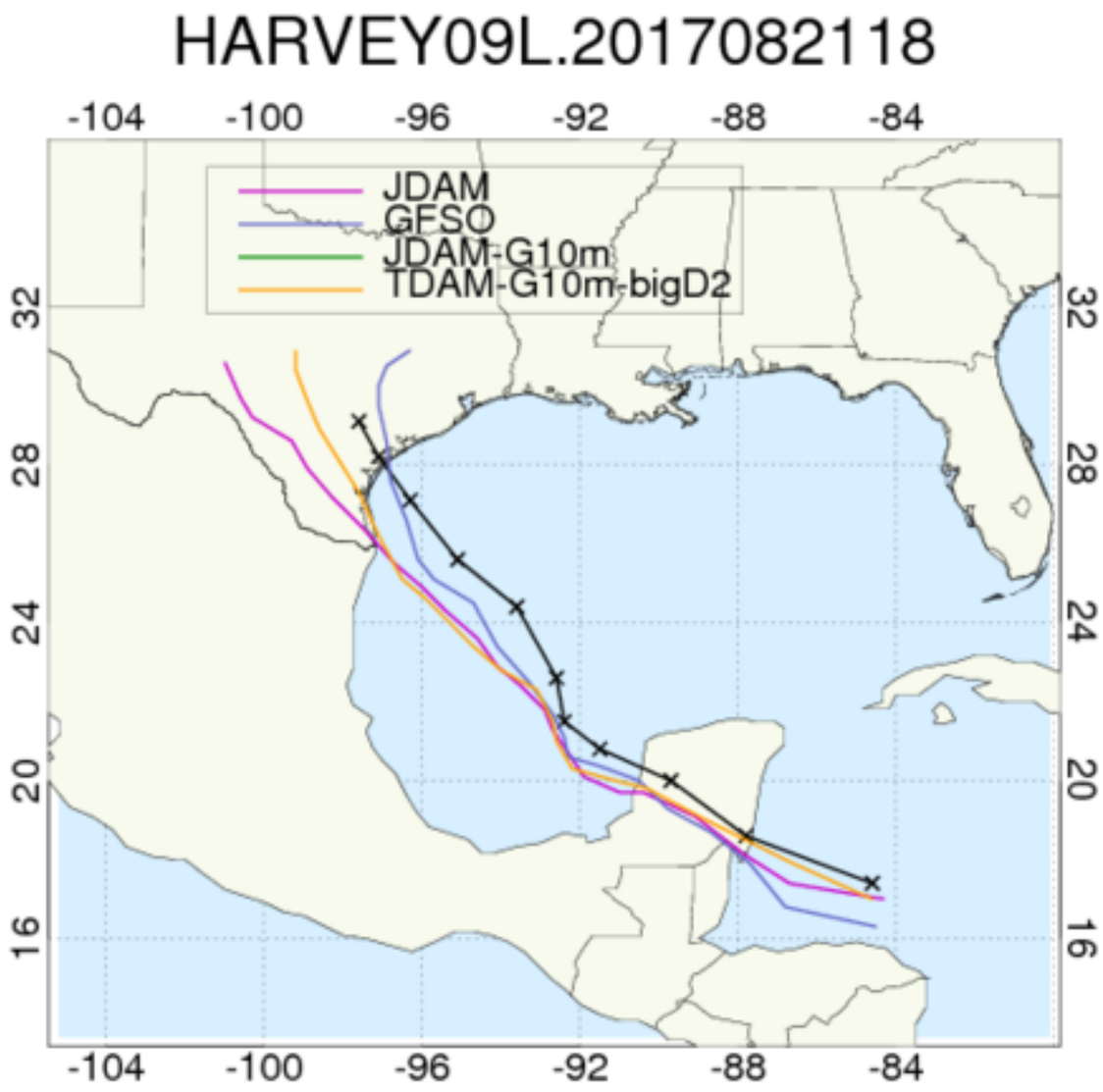

HARVEY09L.2017082106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
0 20 40 60 80 100 120
Forecast Hour (hr)
0 20 40 60 80 100 120 140

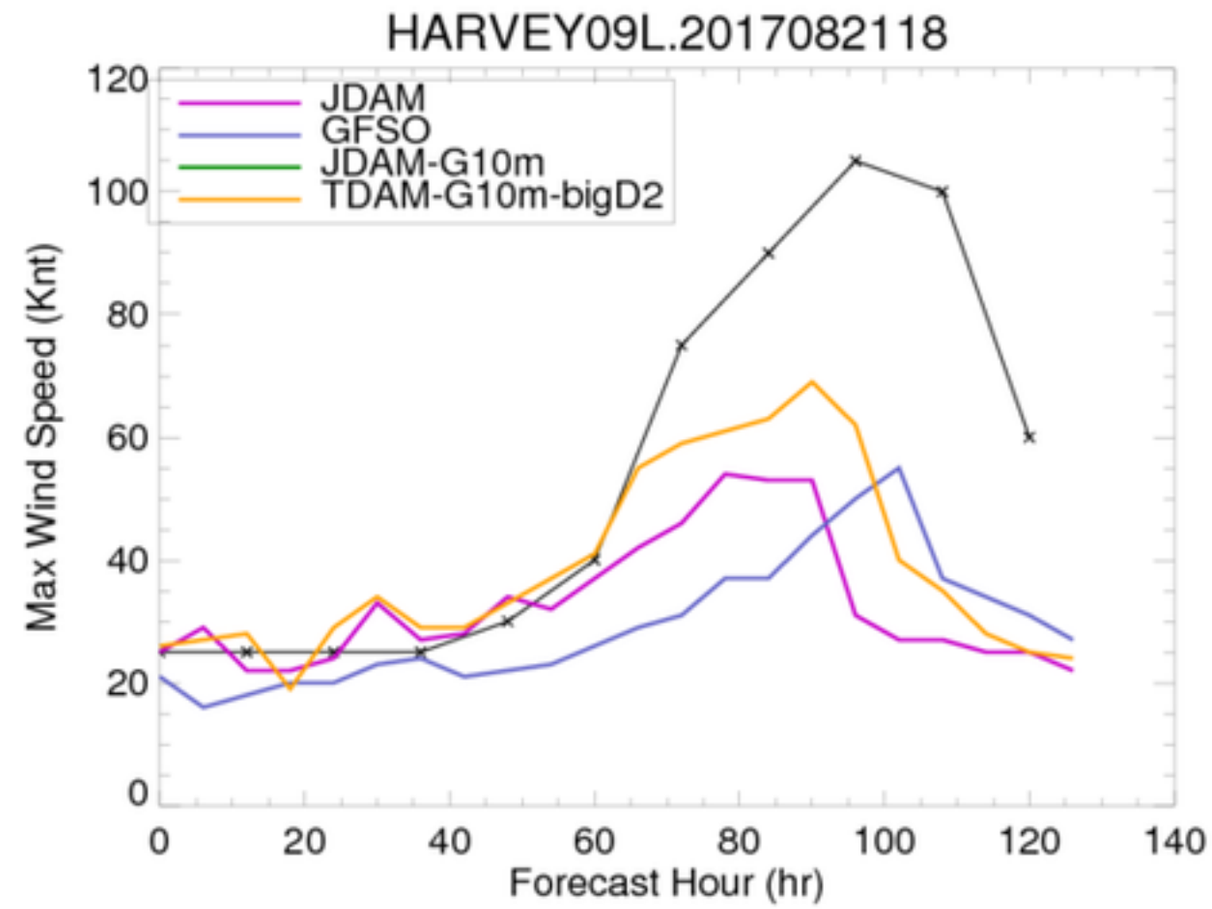

HARVEY09L.2017082106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

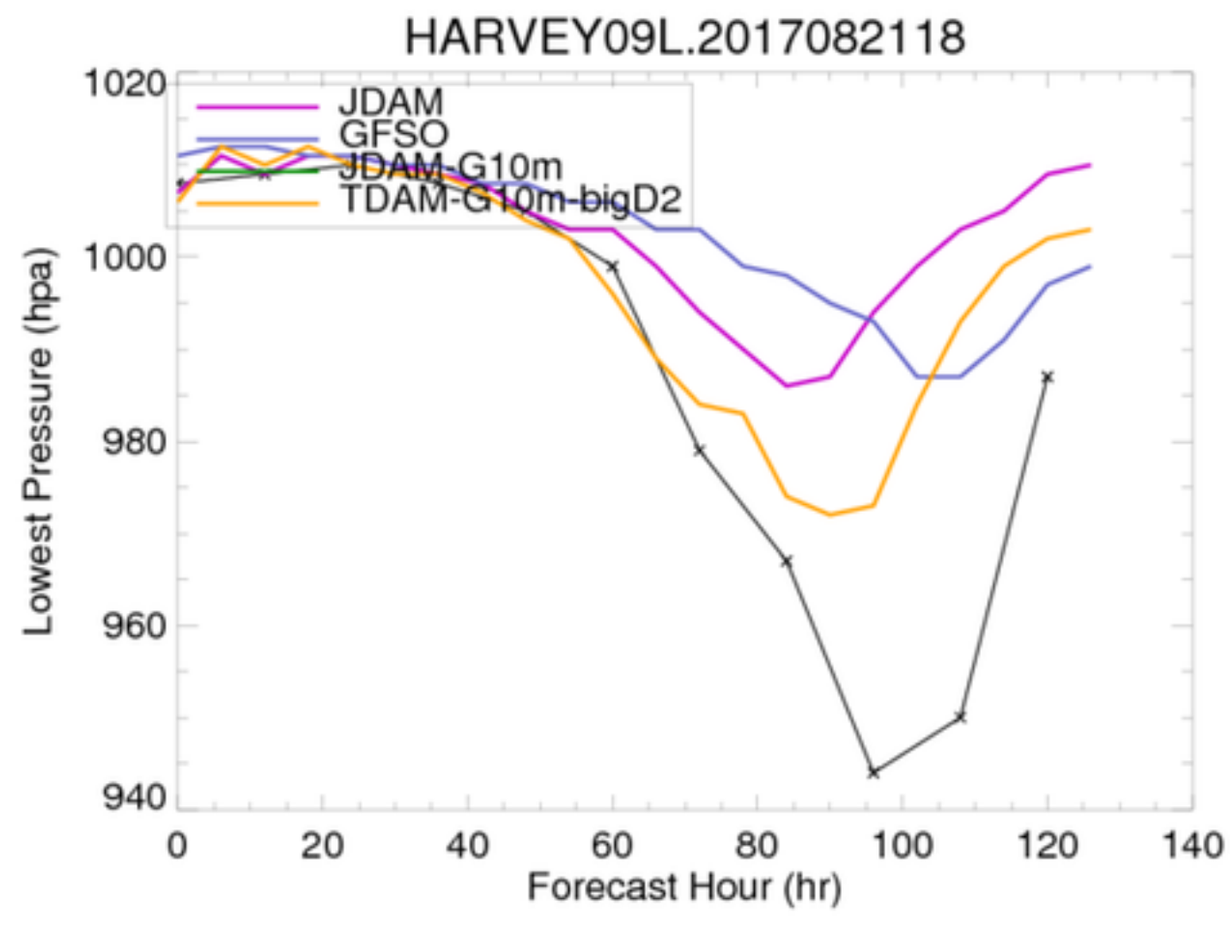

HARVEY09L.2017082112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-104
-100
-96
-92
-88
-84
-80
32
28
24
20
16

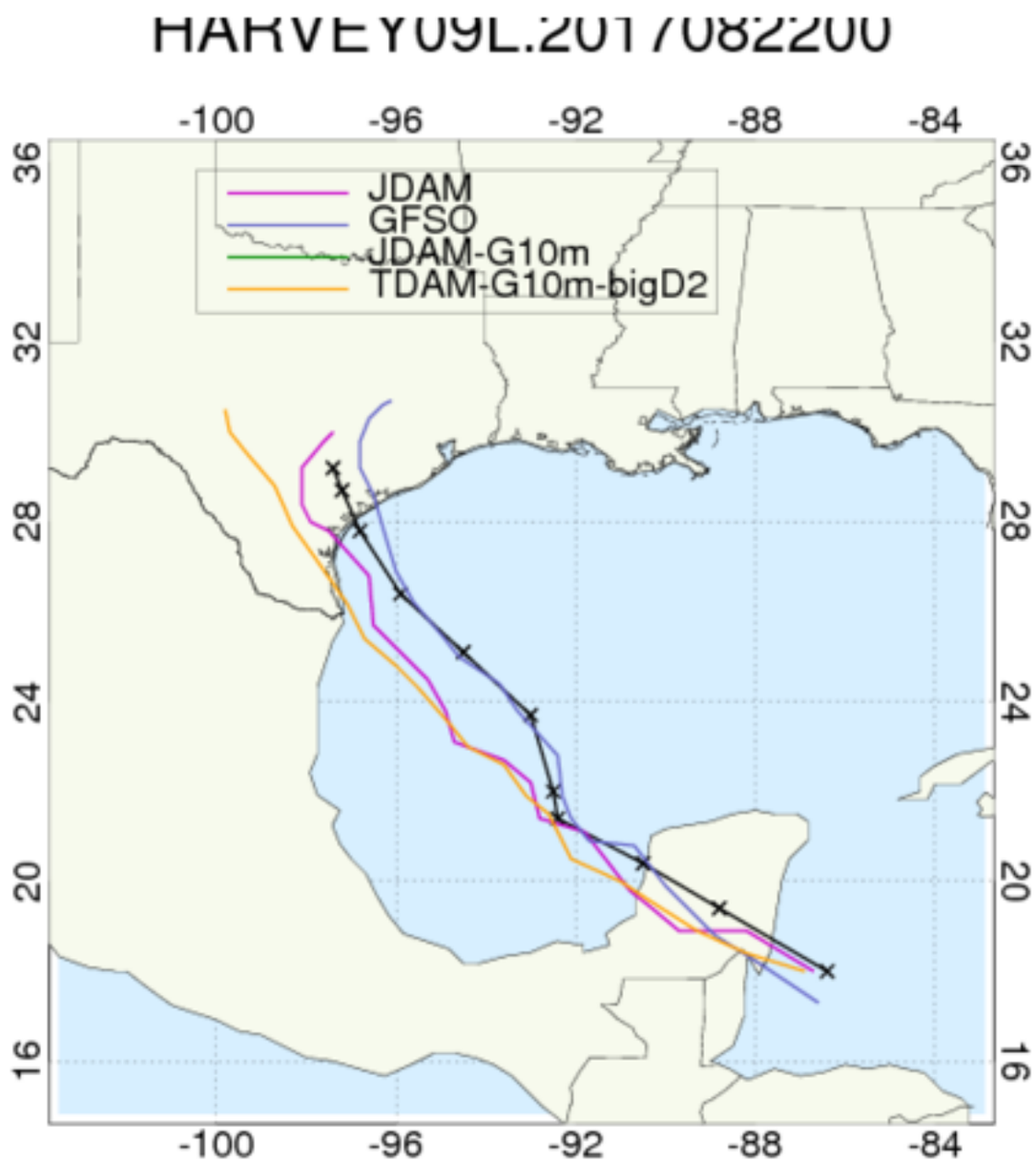

HARVEY09L.2017082112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
0
20
40
60
80
100
120
140

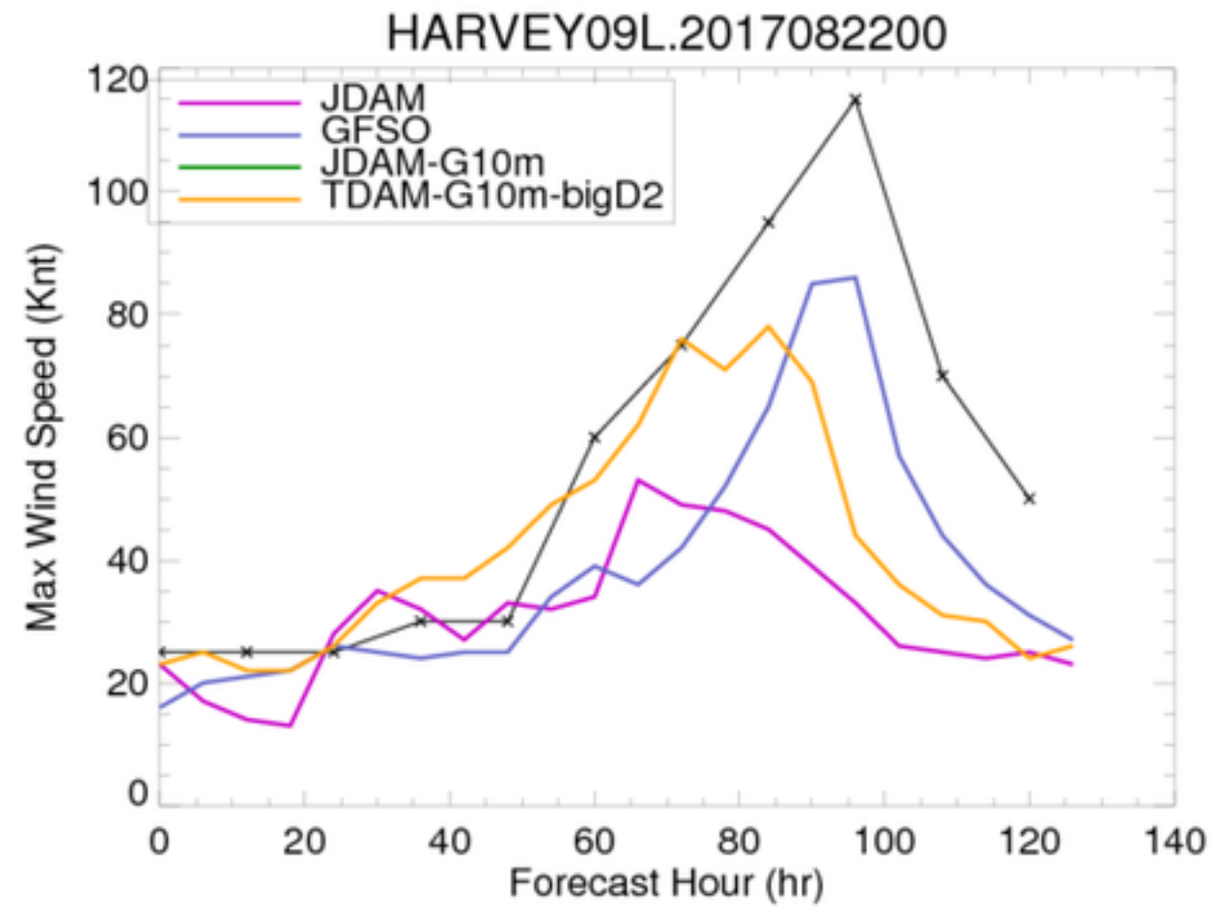

HARVEY09L.2017082112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1020
1000
980
960
940
0
20
40
60
80
100
120
140

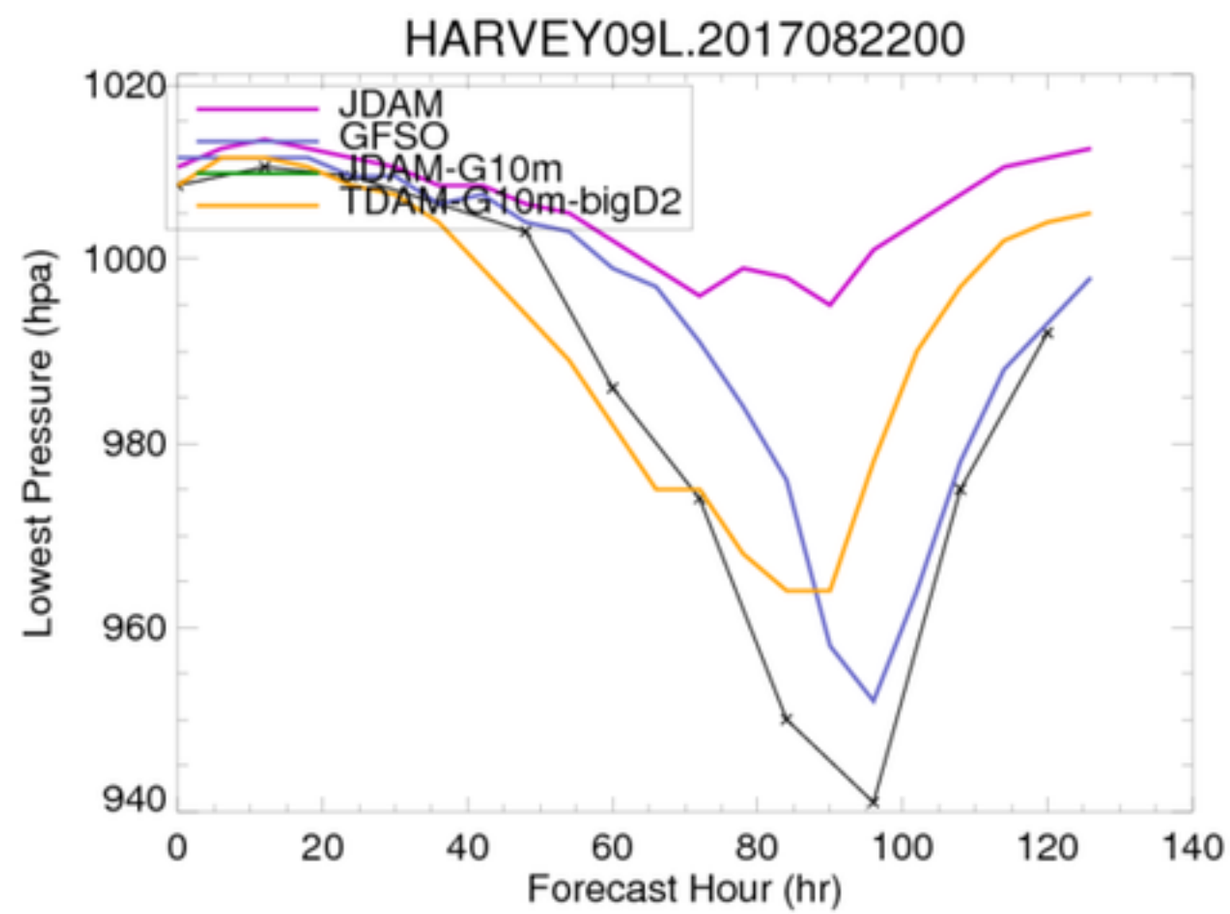

HARVEY09L.2017082118
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-104
-100
-96
-92
-88
-84
32
28
24
20
16

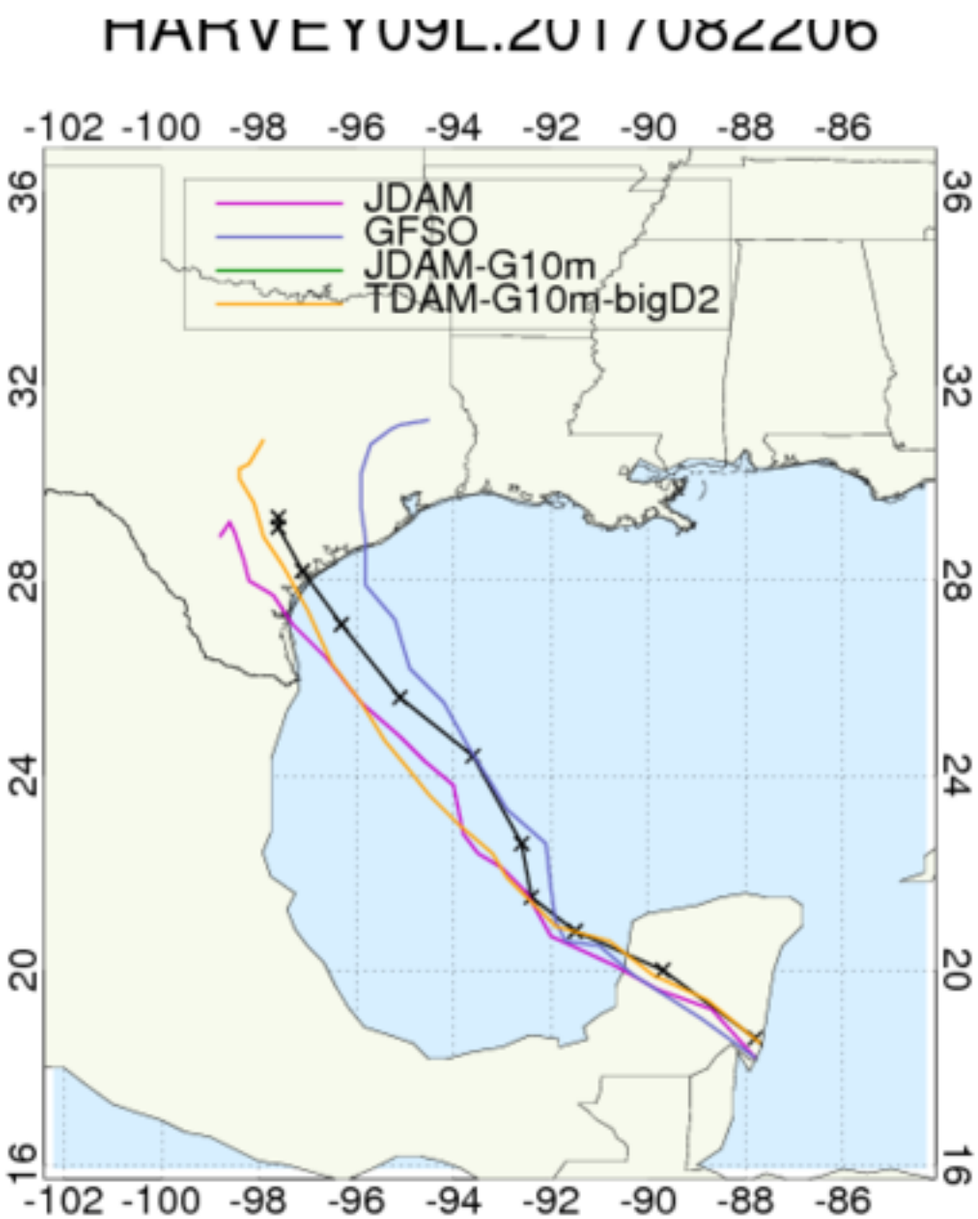

HARVEY09L.2017082118
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
0
20
40
60
80
100
120
140

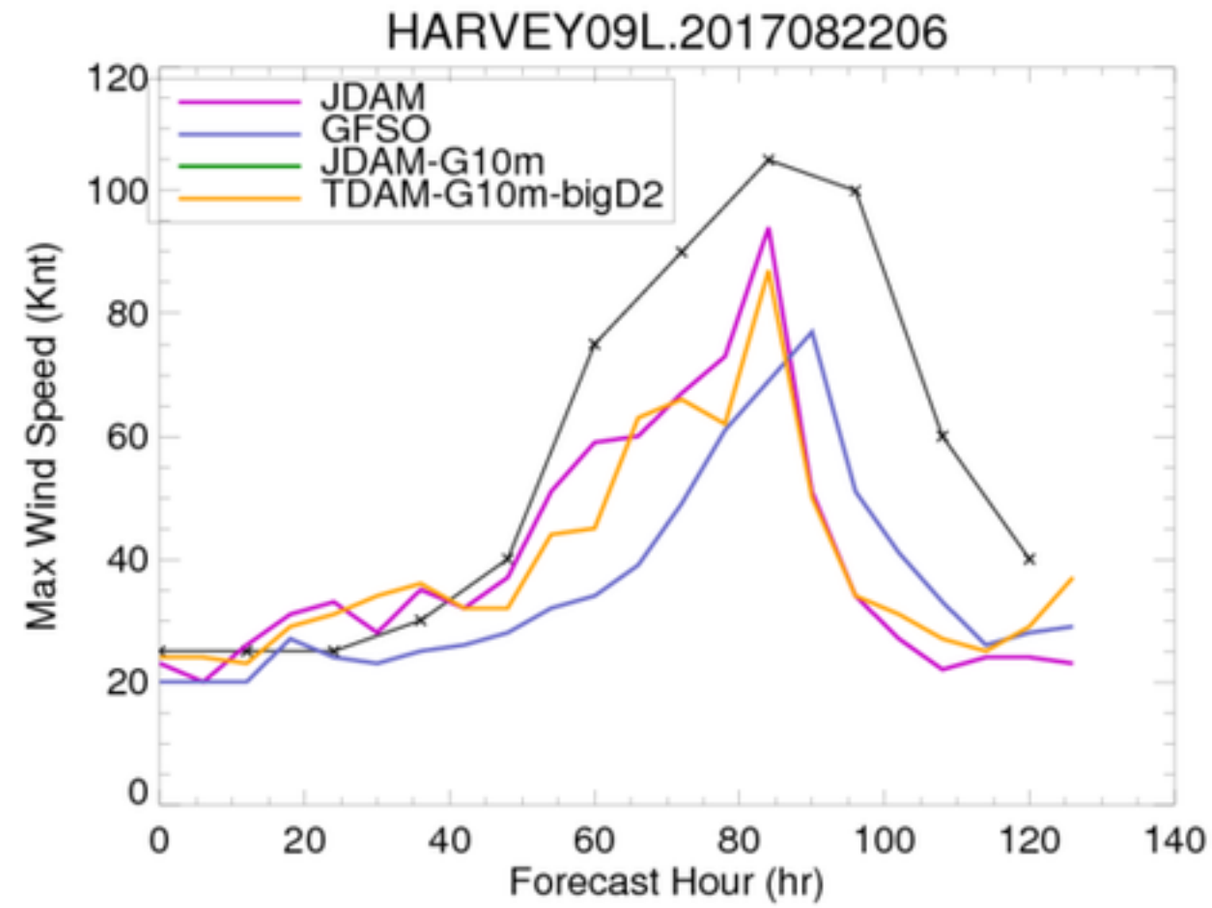

HARVEY09L.2017082118
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1020
1000
980
960
940
0
20
40
60
80
100
120
140

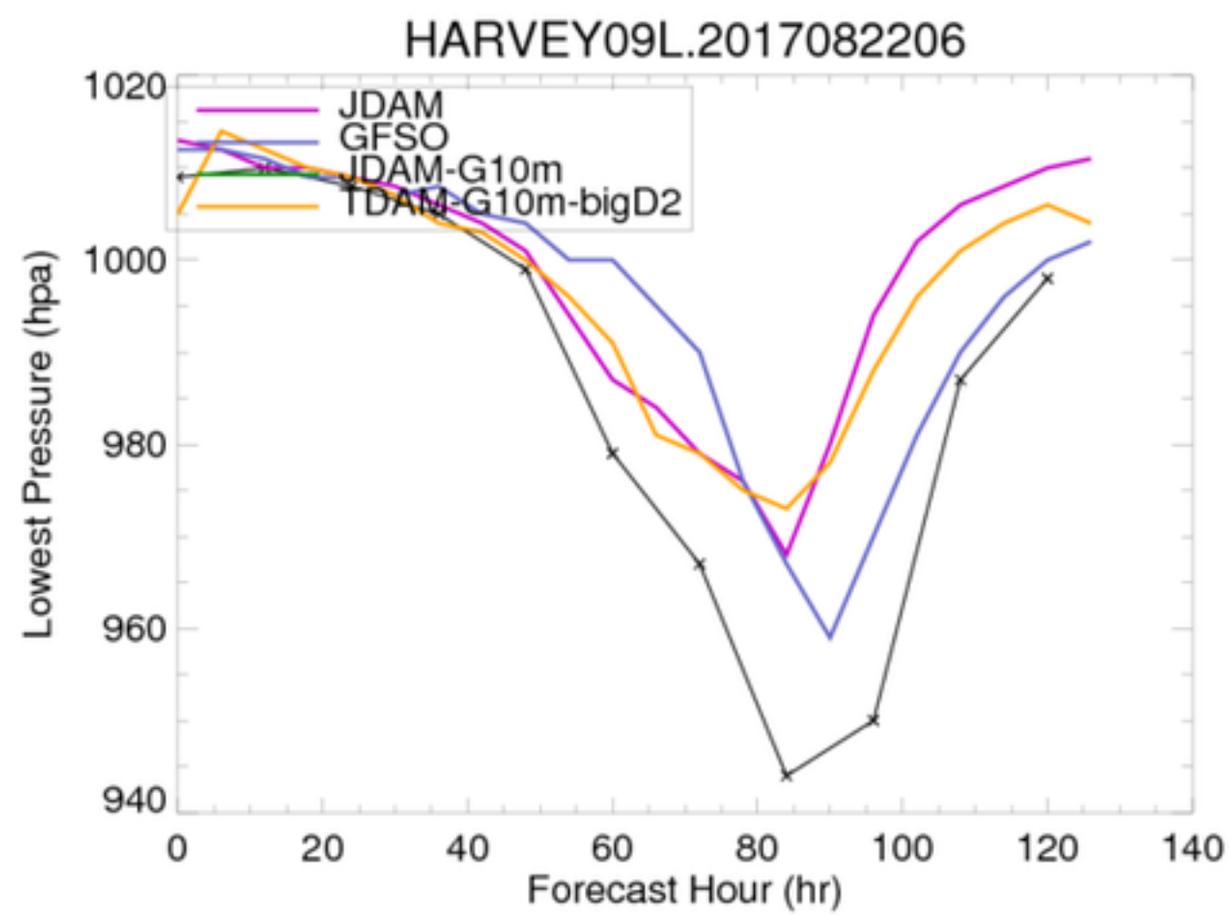

HARVEY09L.2017082200
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-100
-96
-92
-88
-84
36
32
28
24
20
16

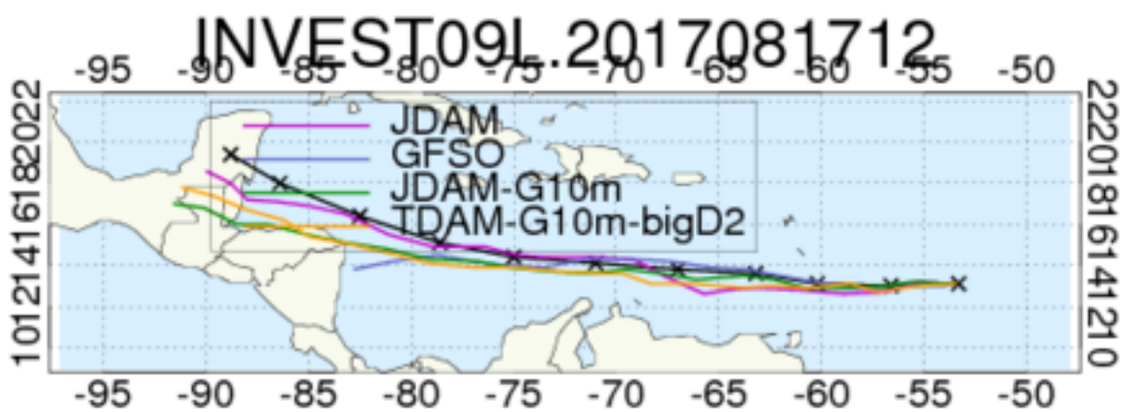

HARVEY09L.2017082200
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
0
20
40
60
80
100
120
140

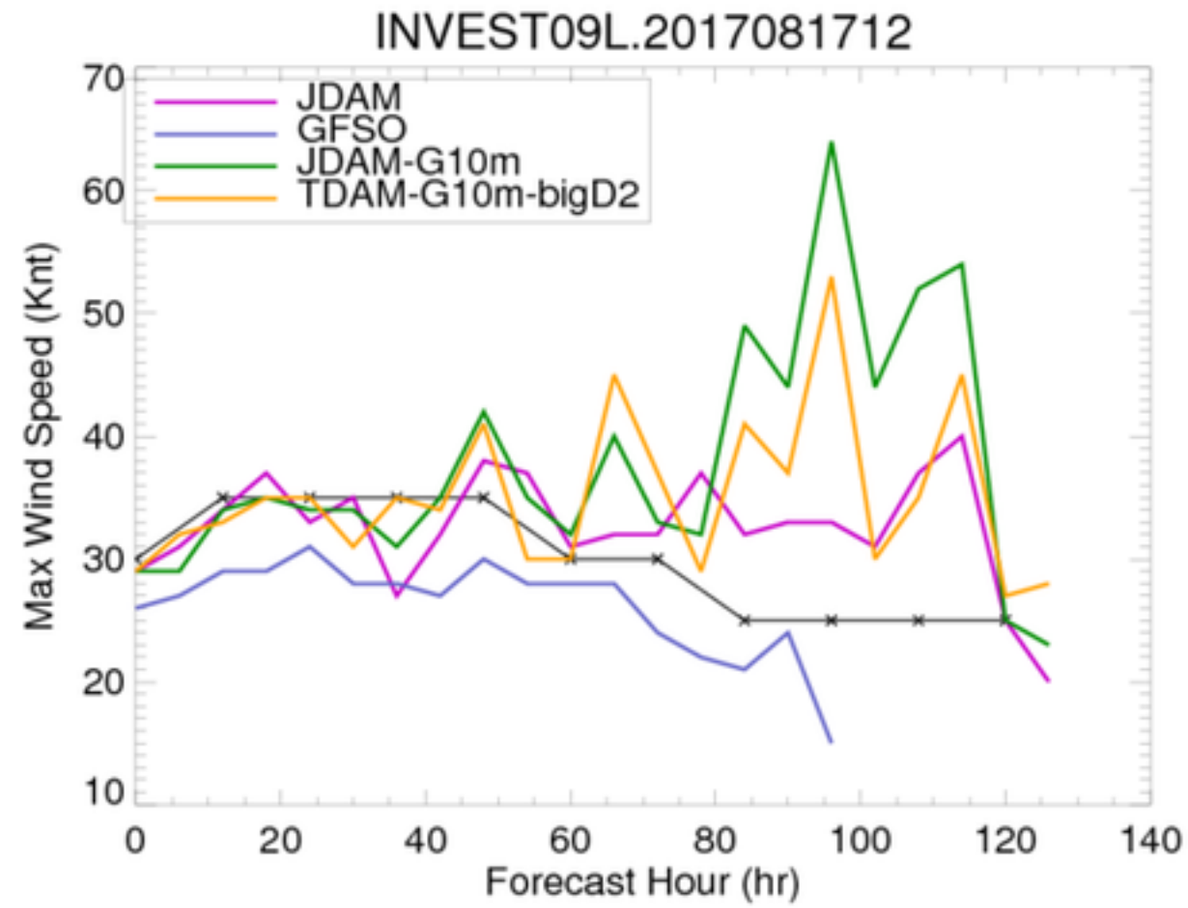

HARVEY09L.2017082200
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1020
1000
980
960
940
0
20
40
60
80
100
120
140

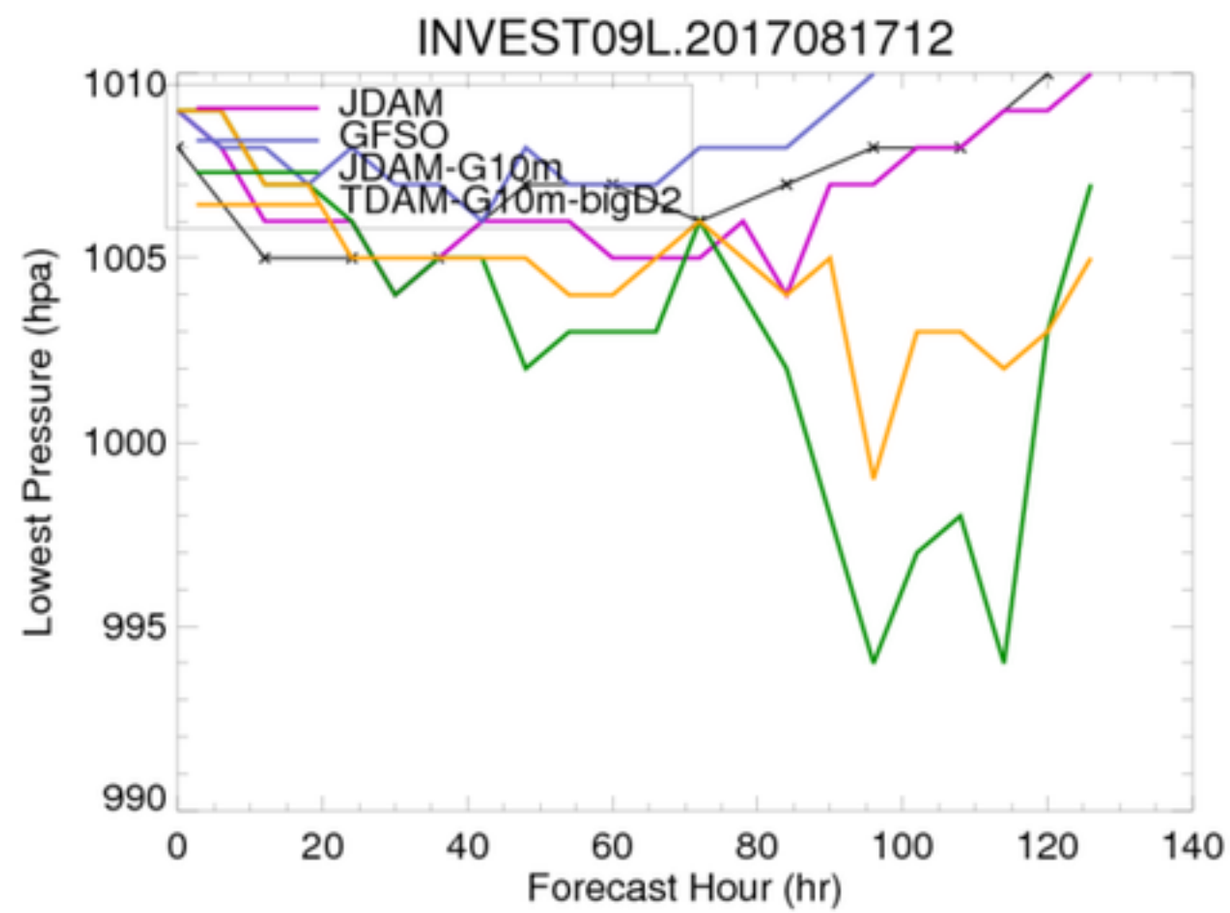

HARVEY09L.2017082206
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-102 -100 -98 -96 -94 -92 -90 -88 -86
36
32
28
24
20
16

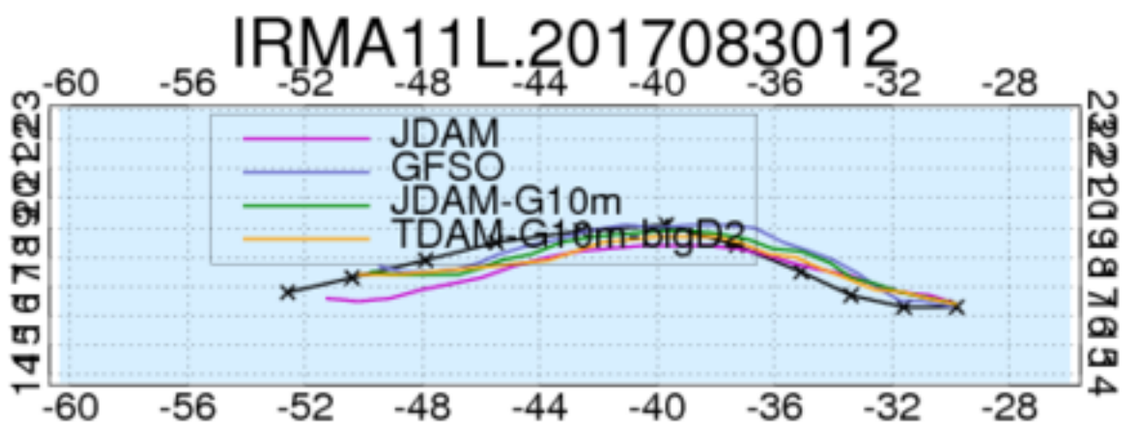

HARVEY09L.2017082206
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
0
20
40
60
80
100
120
140

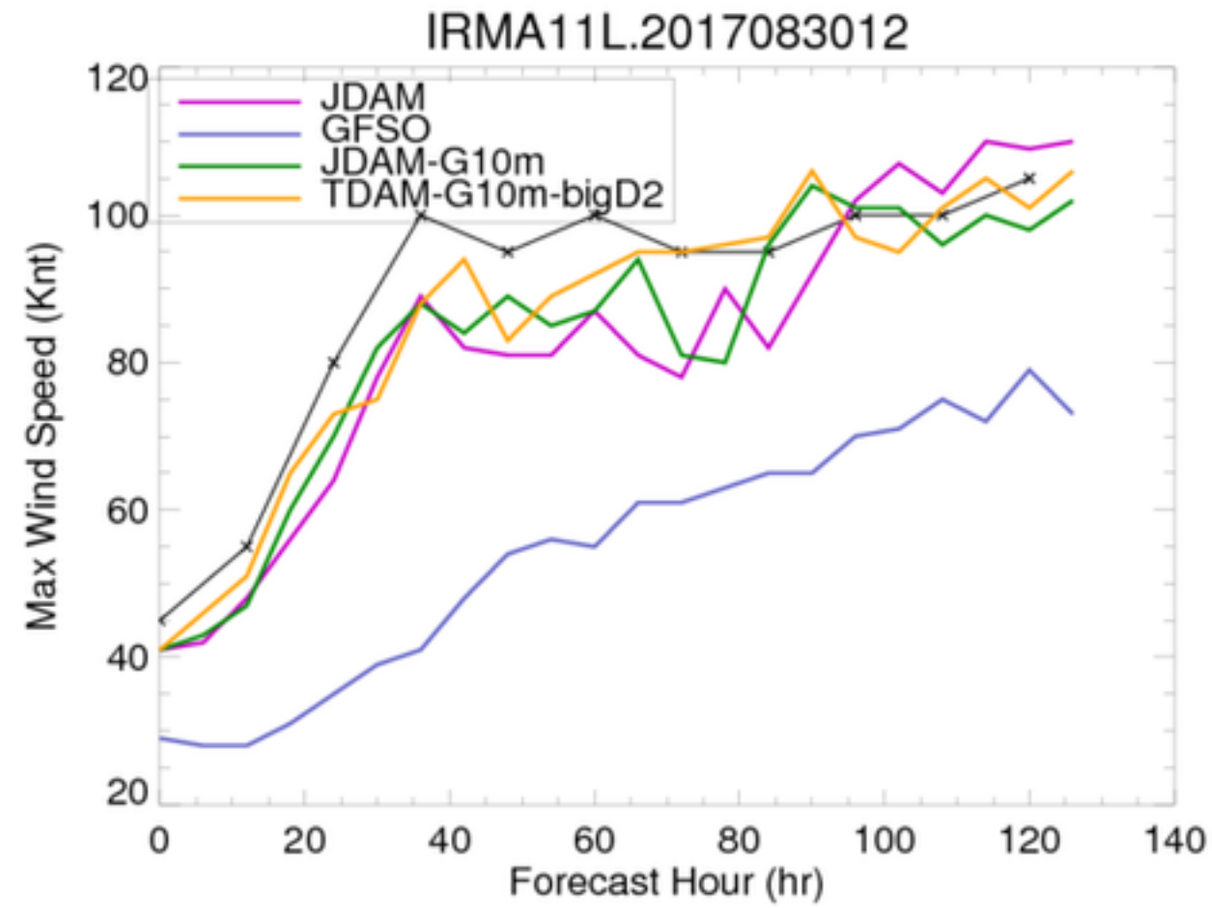

HARVEY09L.2017082206
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1020
1000
980
960
940
0
20
40
60
80
100
120
140

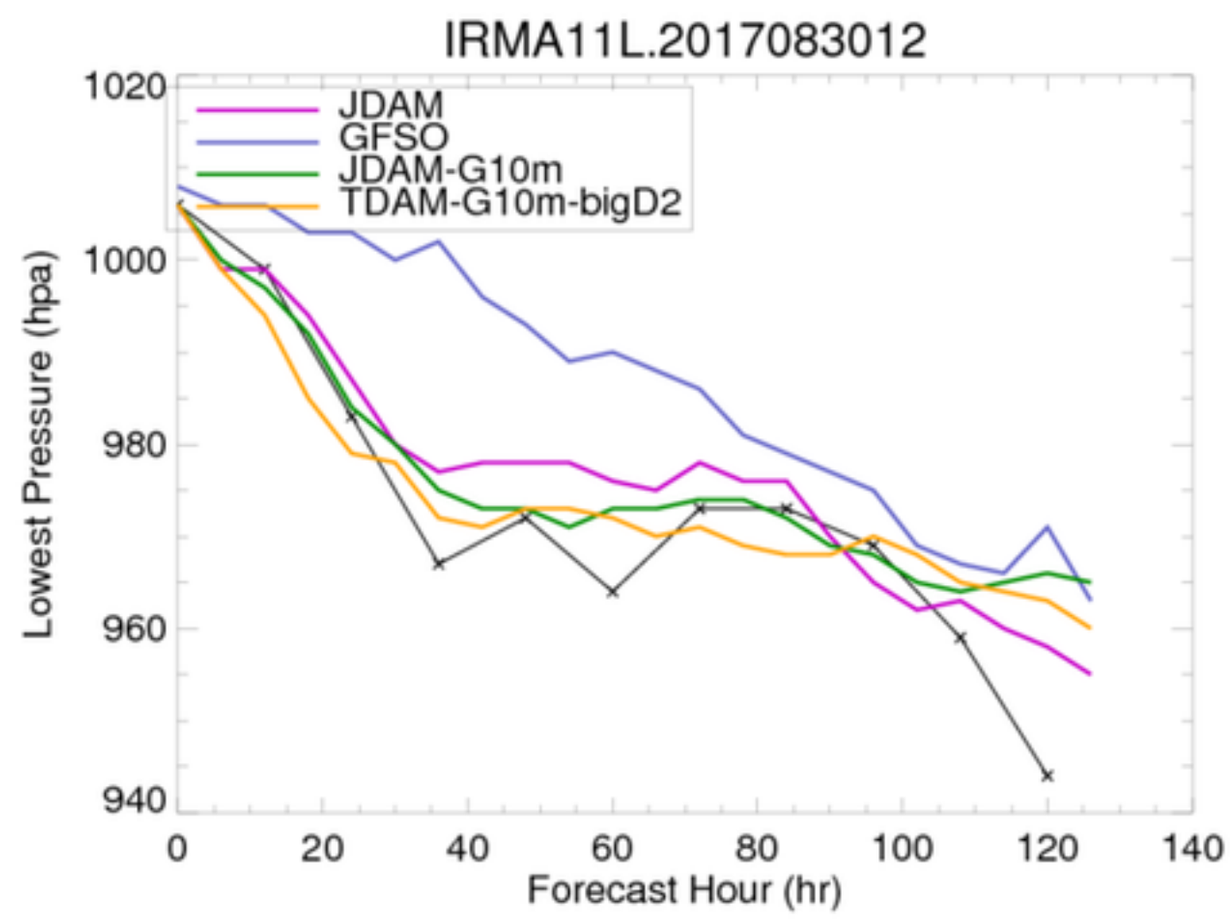

INVEST09L.2017081712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-95 -90 -85 -80 -75 -70 -65 -60 -55 -50
10 12 14 16 18 20 22
22 20 18 16 14 12 10

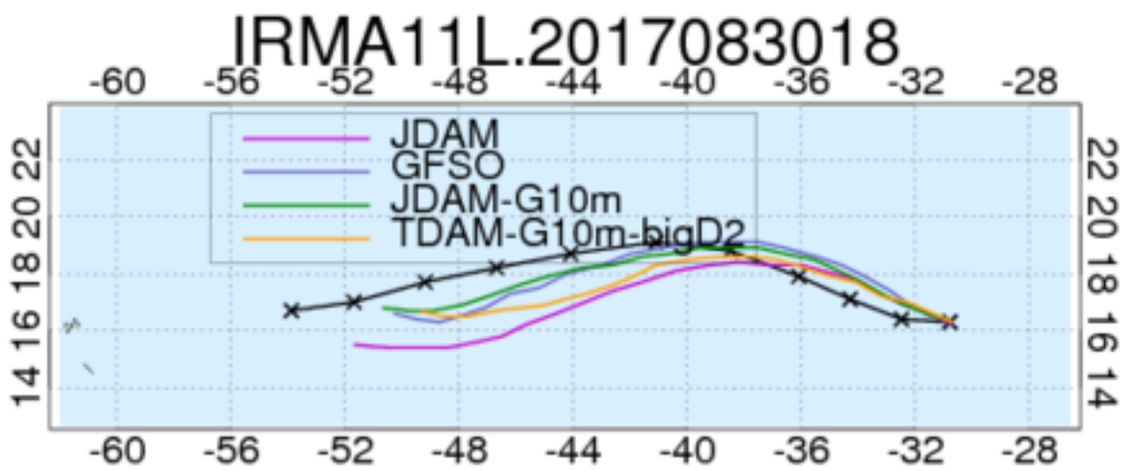

INVEST09L.2017081712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
10 20 30 40 50 60 70
0 20 40 60 80 100 120 140
Forecast Hour (hr)

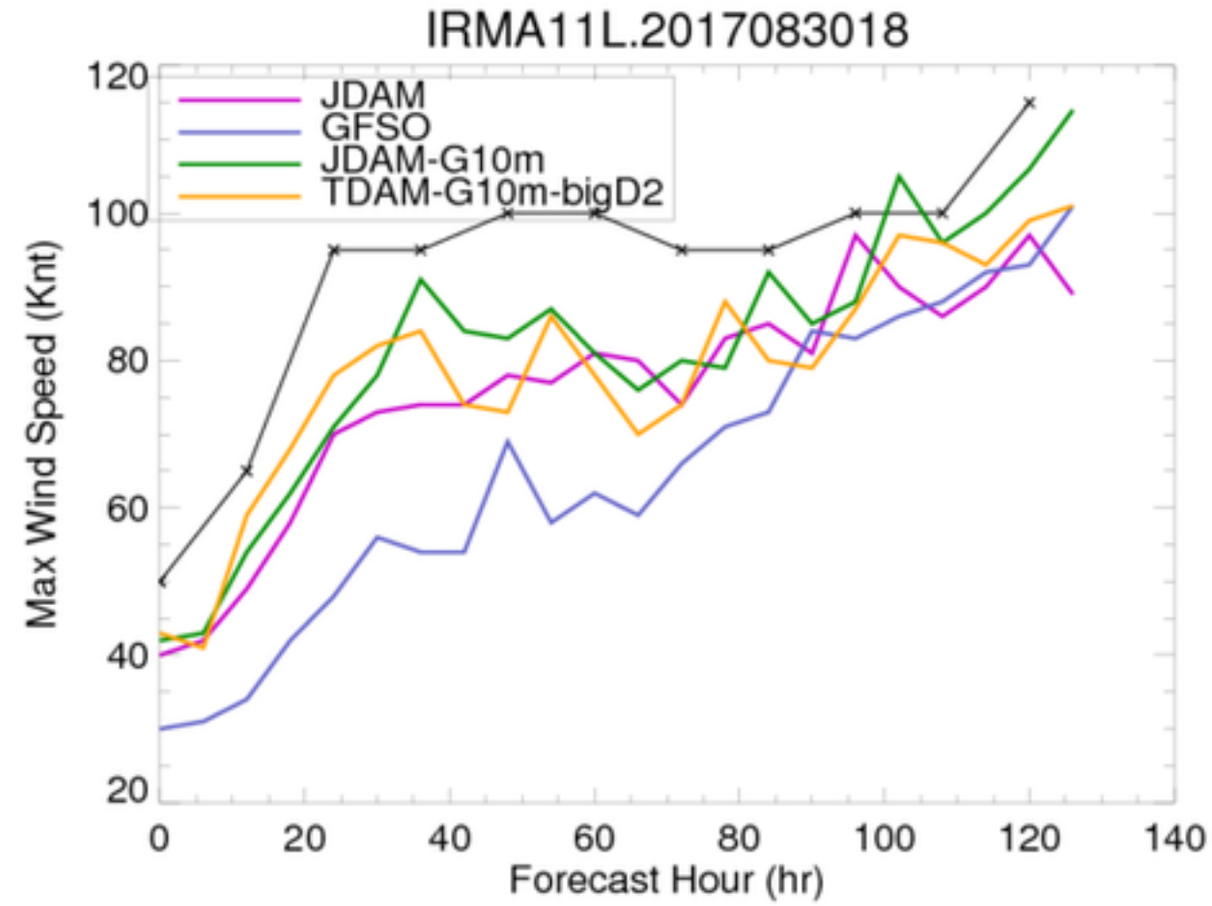

INVEST09L.2017081712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
990 995 1000 1005 1010
0 20 40 60 80 100 120 140
Forecast Hour (hr)

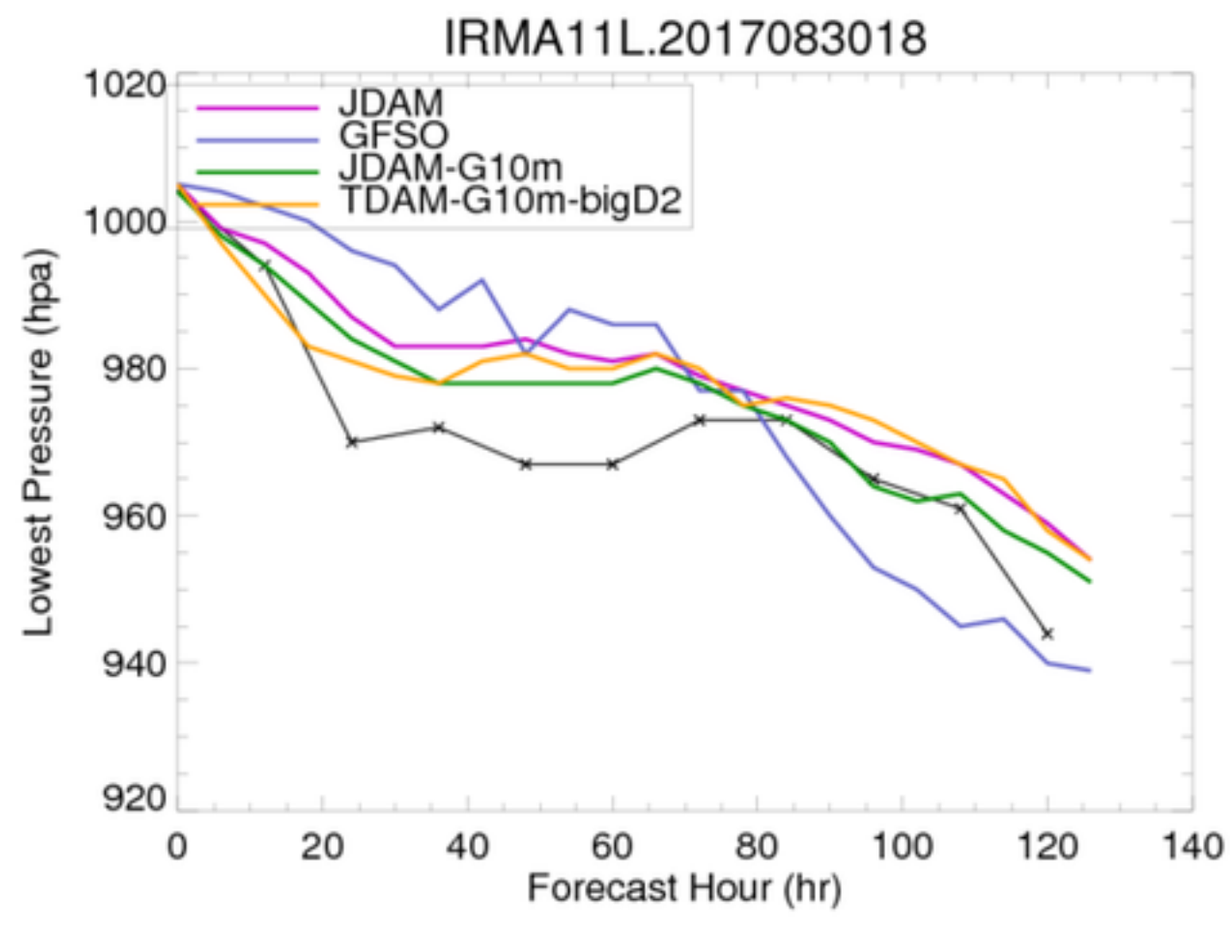

IRMA11L.2017083012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-60
-56
-52
-48
-44
-40
-36
-32
-28

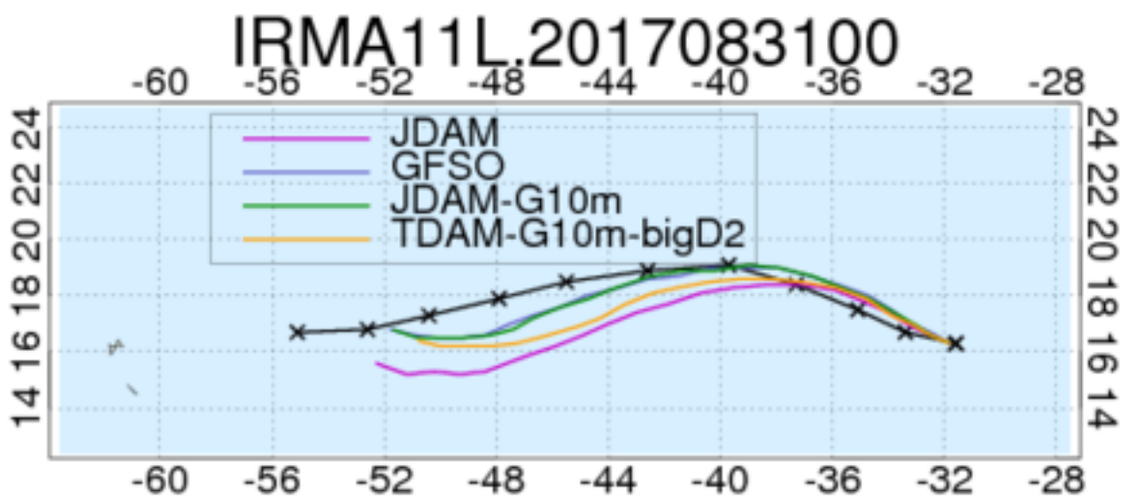

IRMA11L.2017083012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
20
40
60
80
100
120
0
20
40
60
80
100
120
140

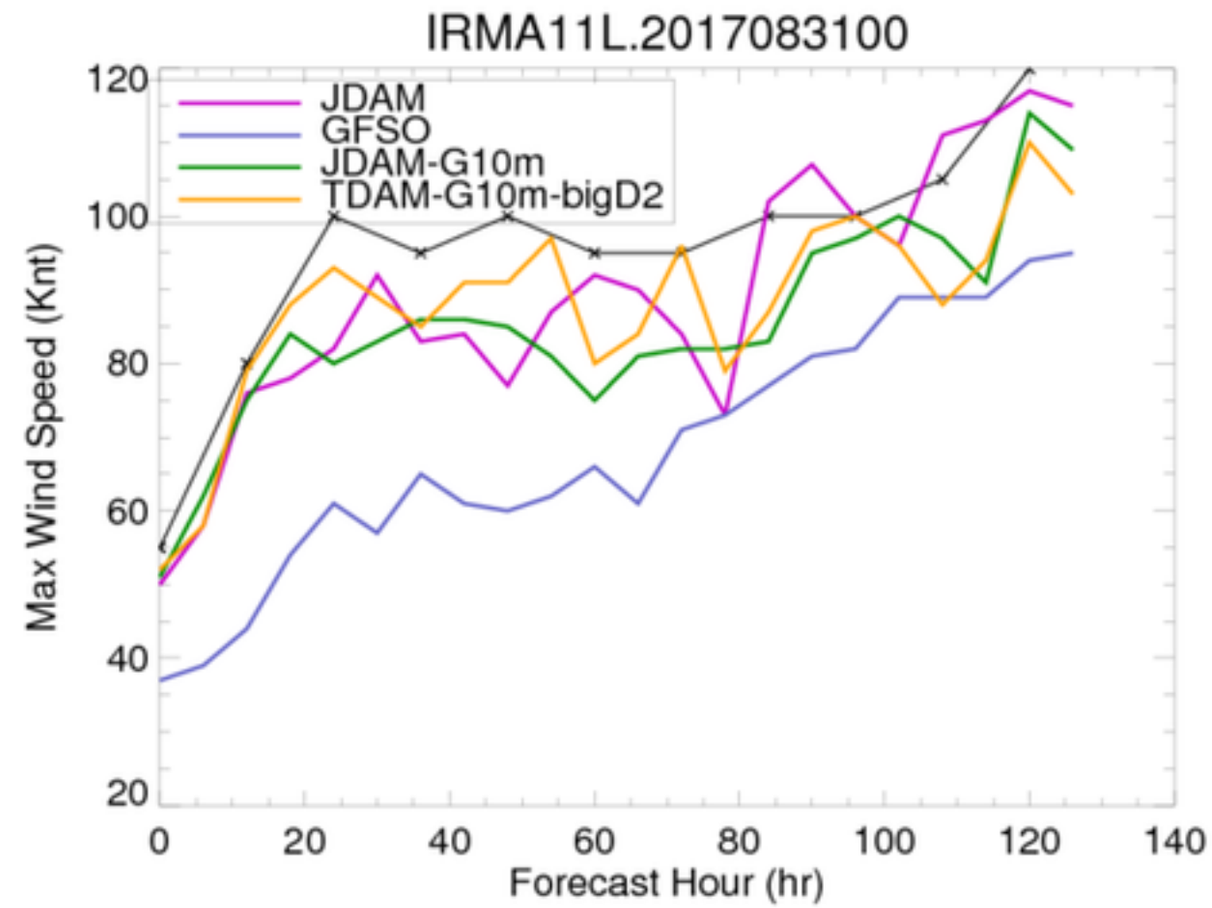

IRMA11L.2017083012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
940
960
980
1000
1020
0
20
40
60
80
100
120
140

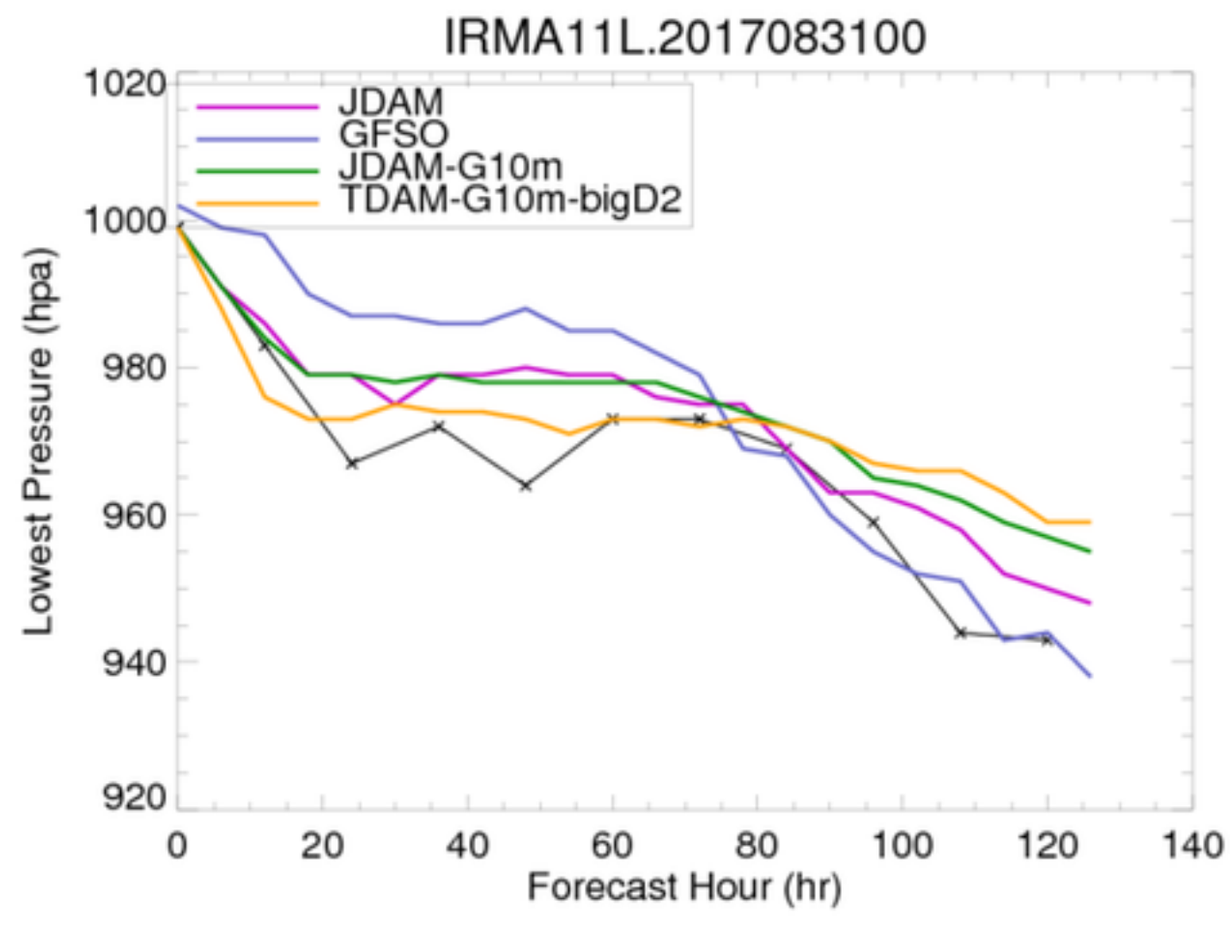

IRMA11L.2017083018
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-60 -56 -52 -48 -44 -40 -36 -32 -28
14 16 18 20 22

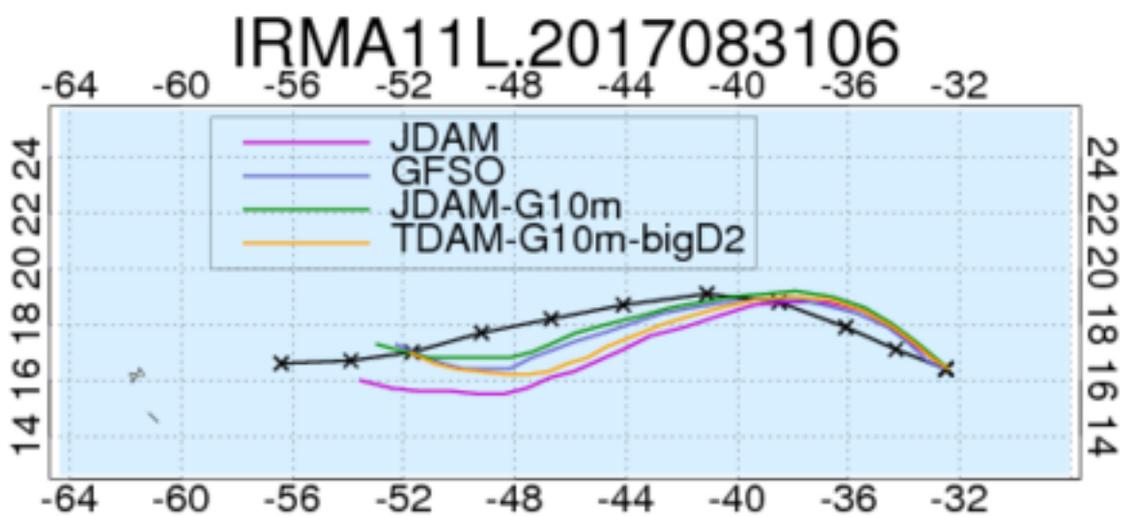

IRMA11L.2017083018
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
20 40 60 80 100 120
0 20 40 60 80 100 120 140

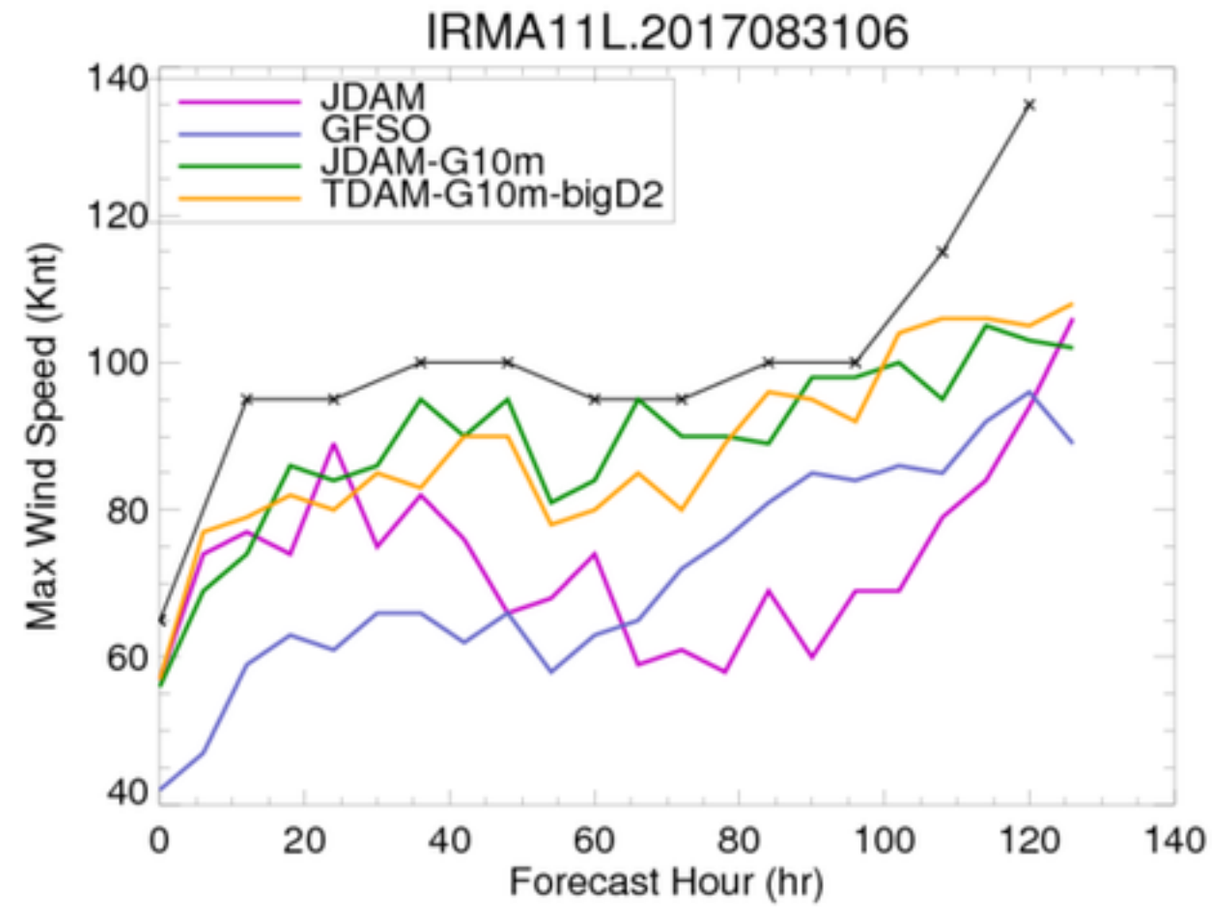

IRMA11L.2017083018
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
920 940 960 980 1000 1020
0 20 40 60 80 100 120 140

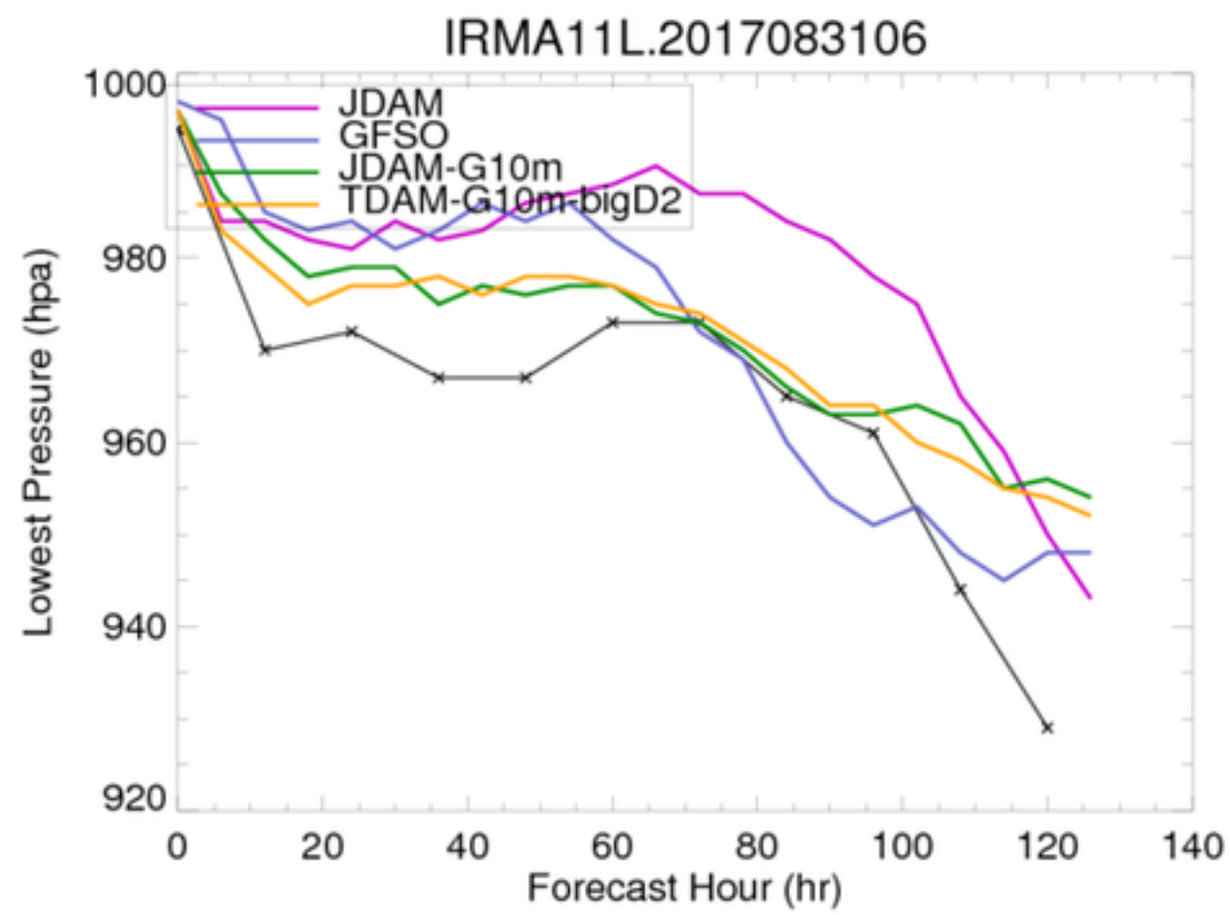

IRMA11L.2017083100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-60 -56 -52 -48 -44 -40 -36 -32 -28
14 16 18 20 22 24

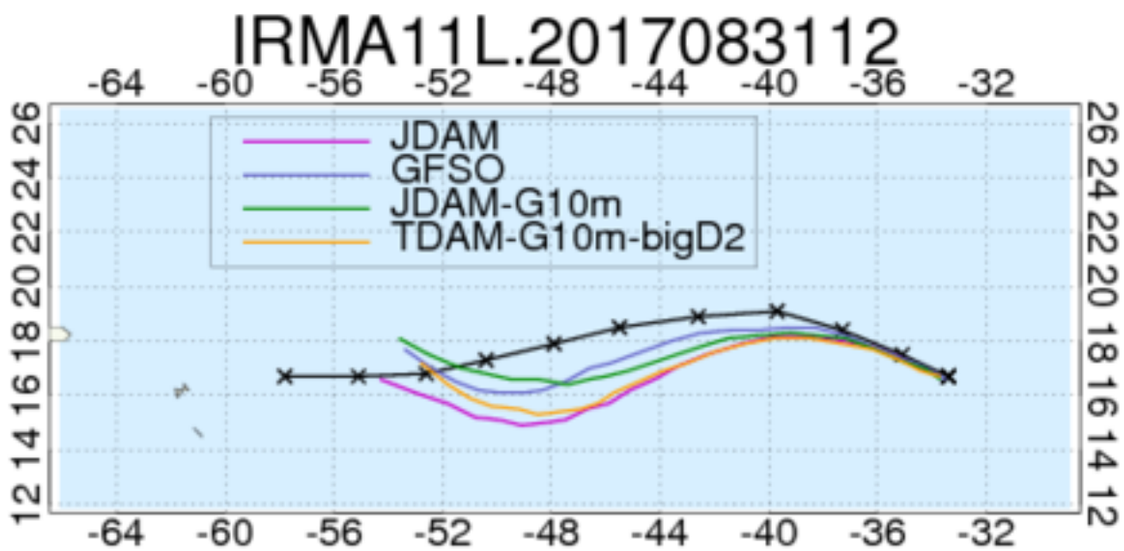

IRMA11L.2017083100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
20 40 60 80 100 120
Forecast Hour (hr)
0 20 40 60 80 100 120 140

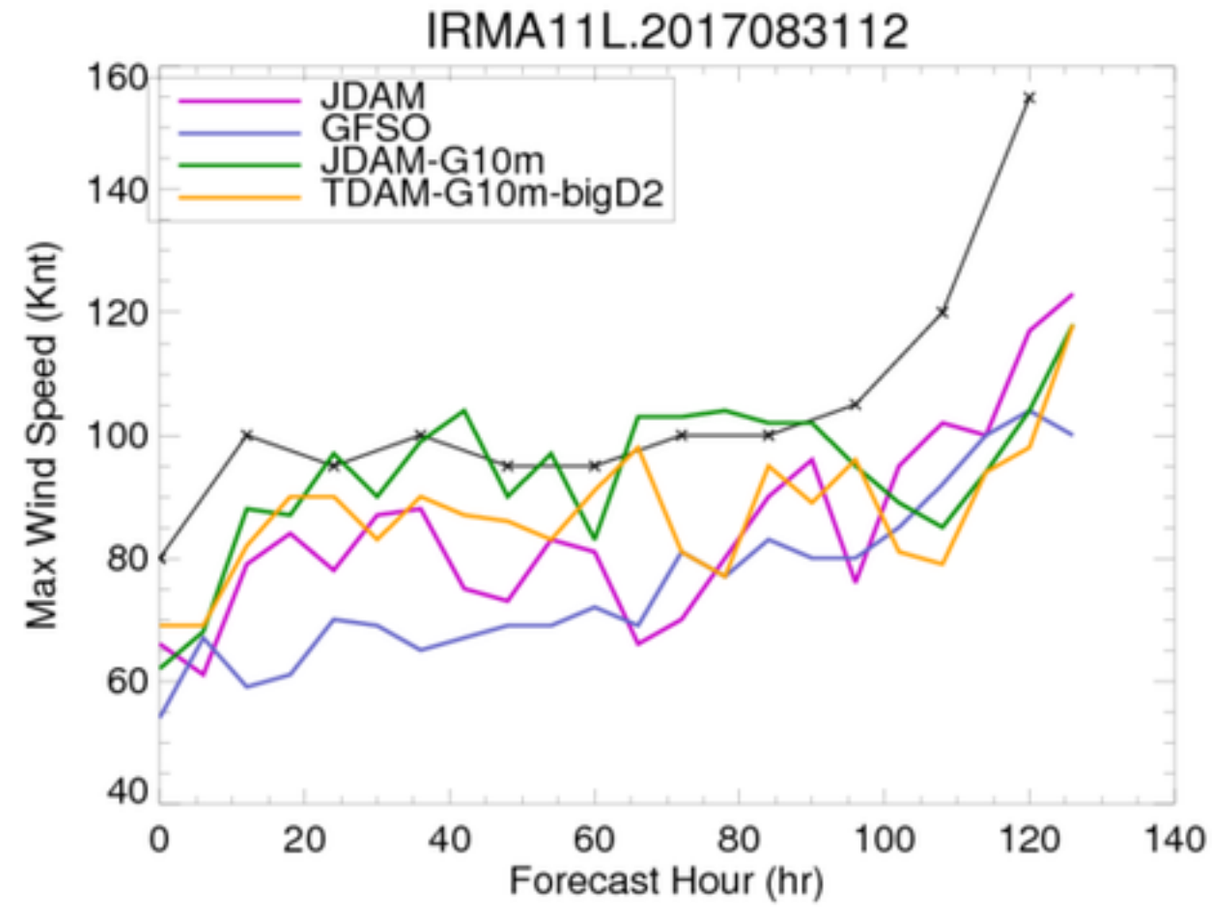

IRMA11L.2017083100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

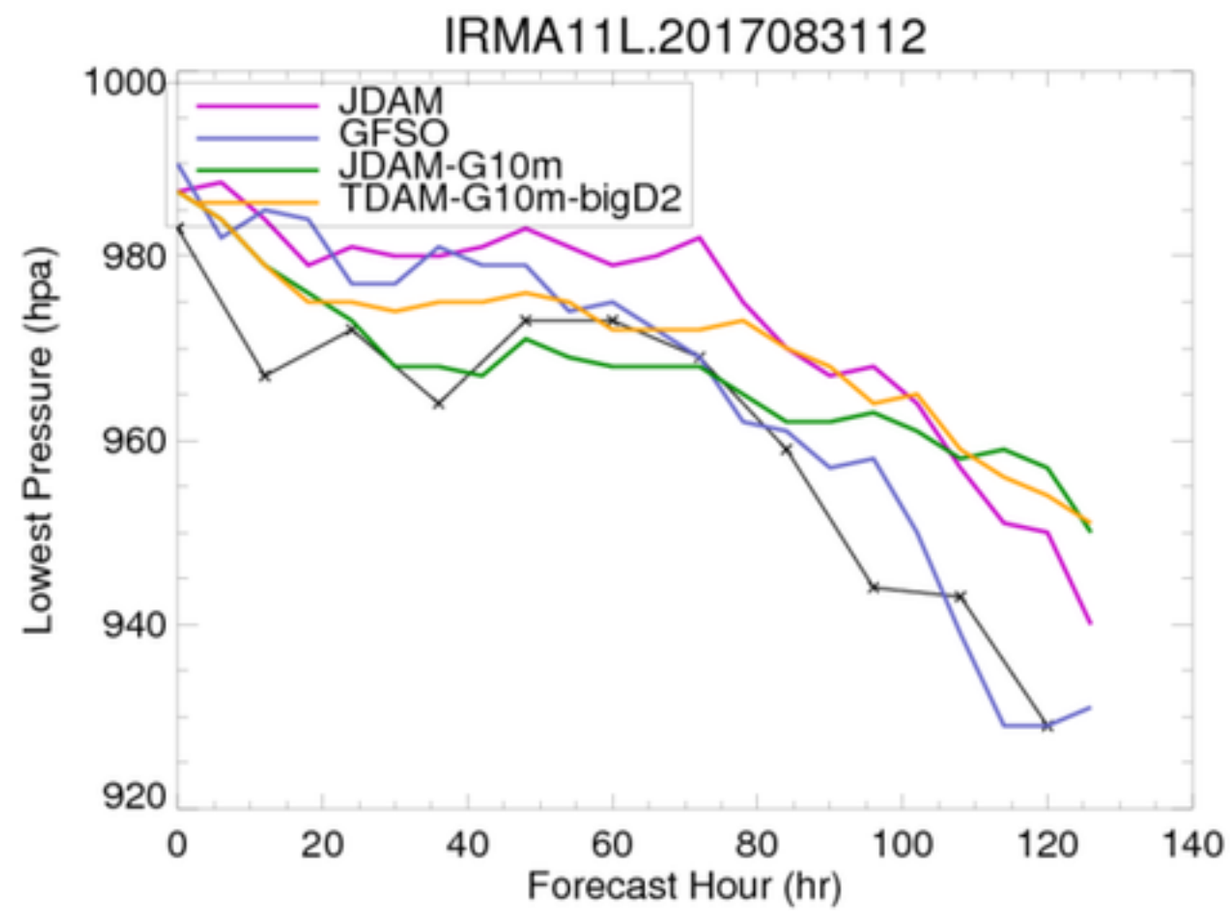

IRMA11L.2017083106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-64 -60 -56 -52 -48 -44 -40 -36 -32
14 16 18 20 22 24

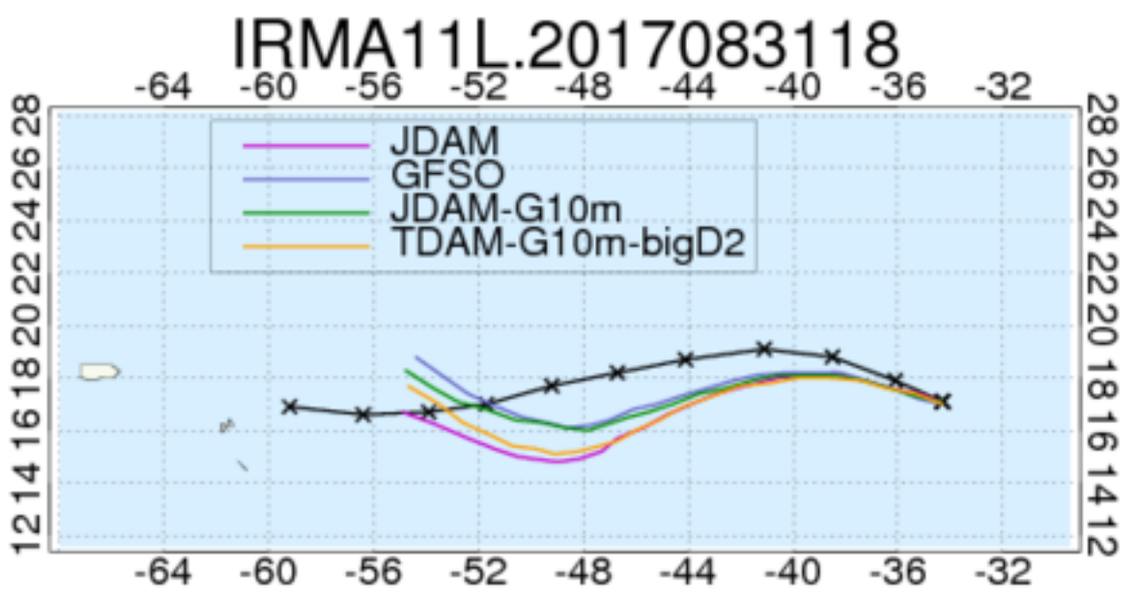

IRMA11L.2017083106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

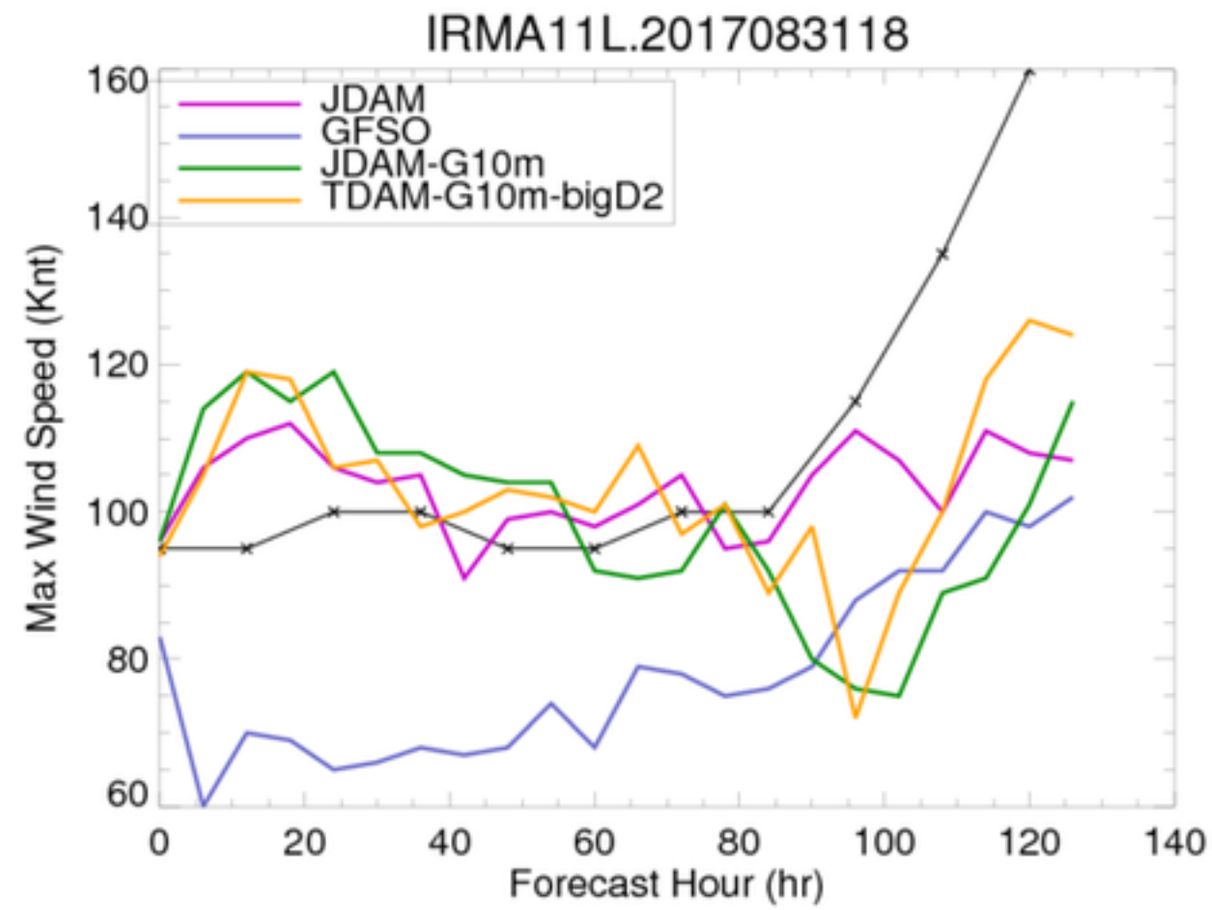

IRMA11L.2017083106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000
Forecast Hour (hr)
0 20 40 60 80 100 120 140

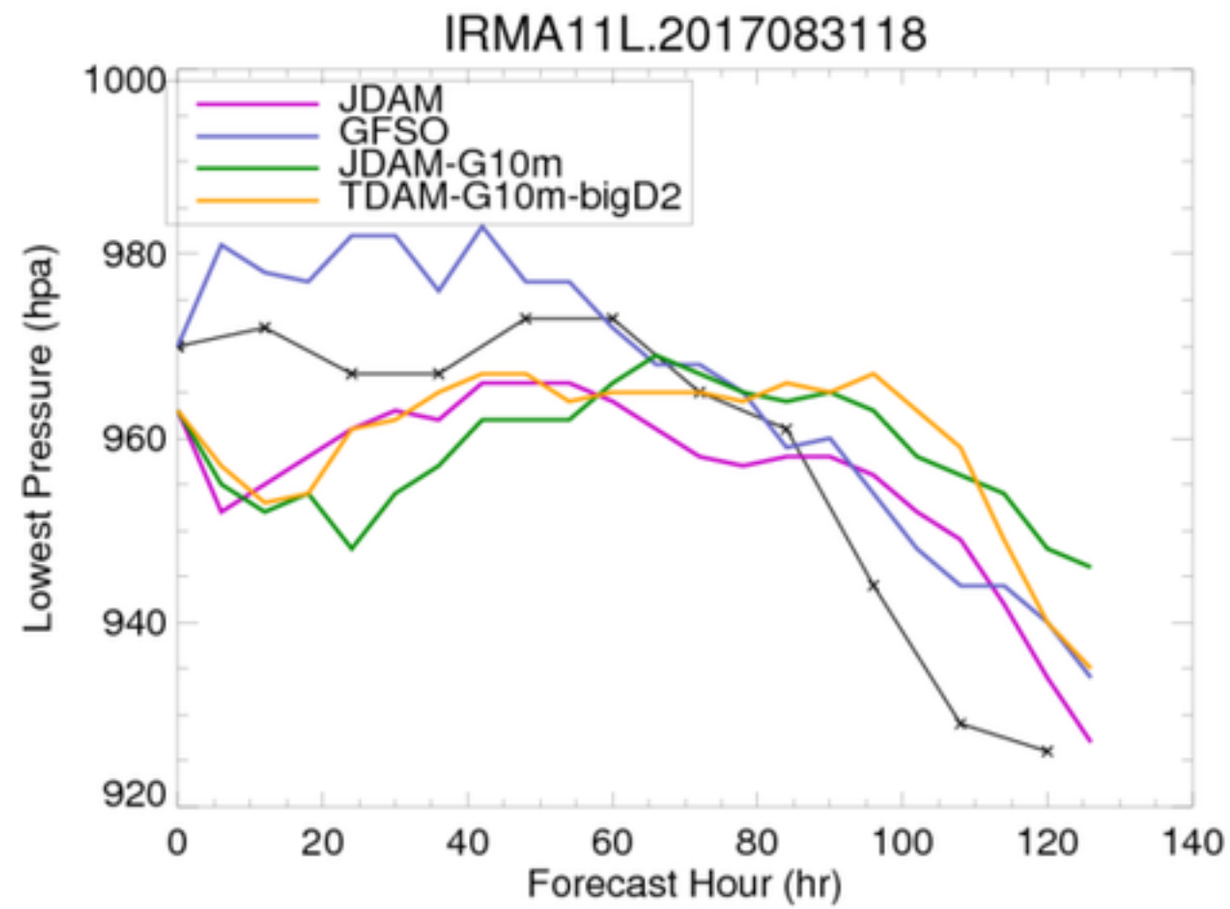

IRMA11L.2017083112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-64 -60 -56 -52 -48 -44 -40 -36 -32
12 14 16 18 20 22 24 26

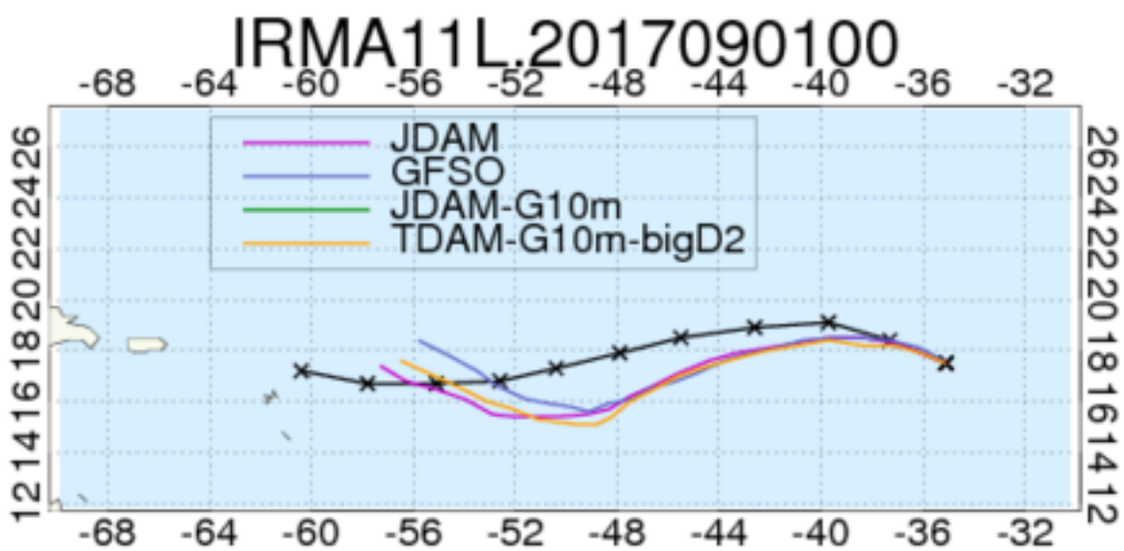

IRMA11L.2017083112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140 160
Forecast Hour (hr)
0 20 40 60 80 100 120 140

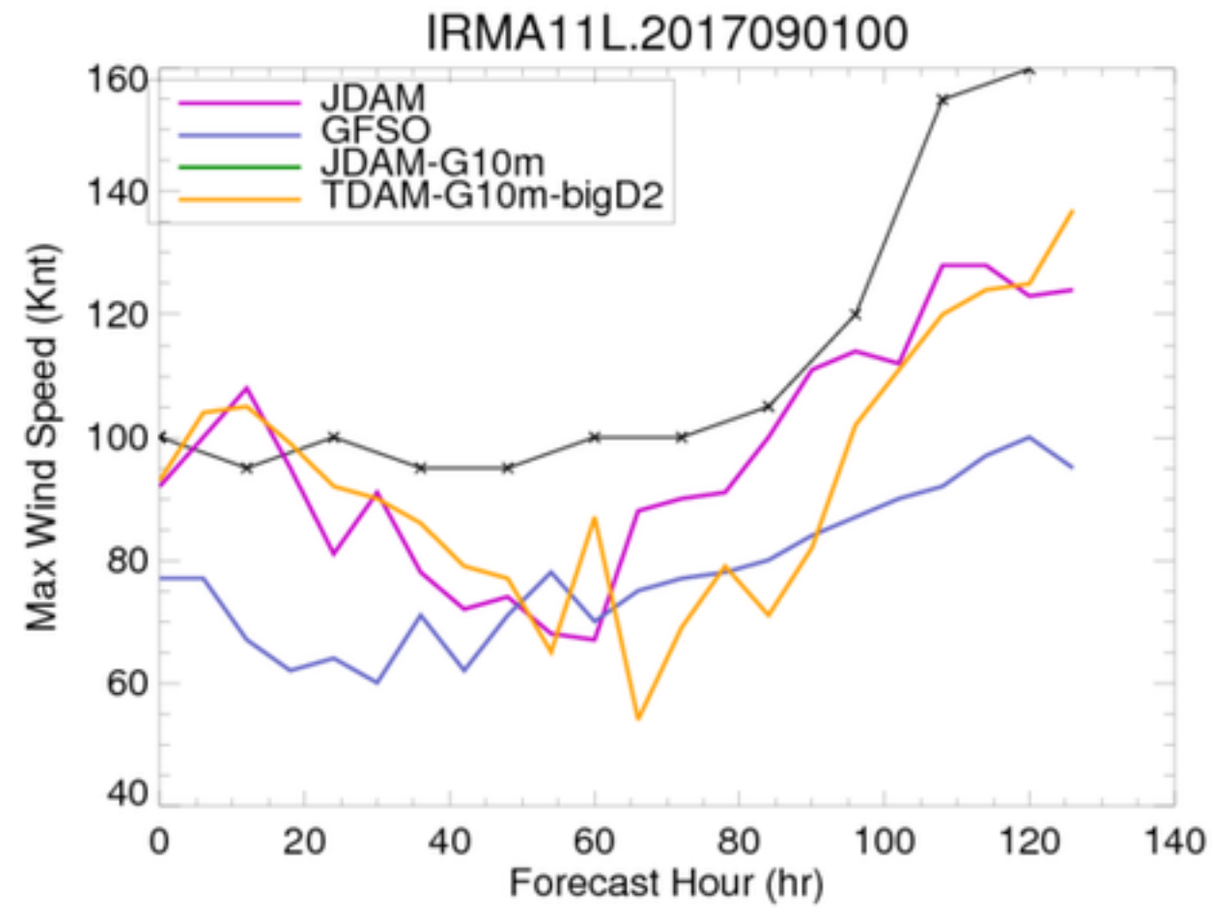

IRMA11L.2017083112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000
Forecast Hour (hr)
0 20 40 60 80 100 120 140

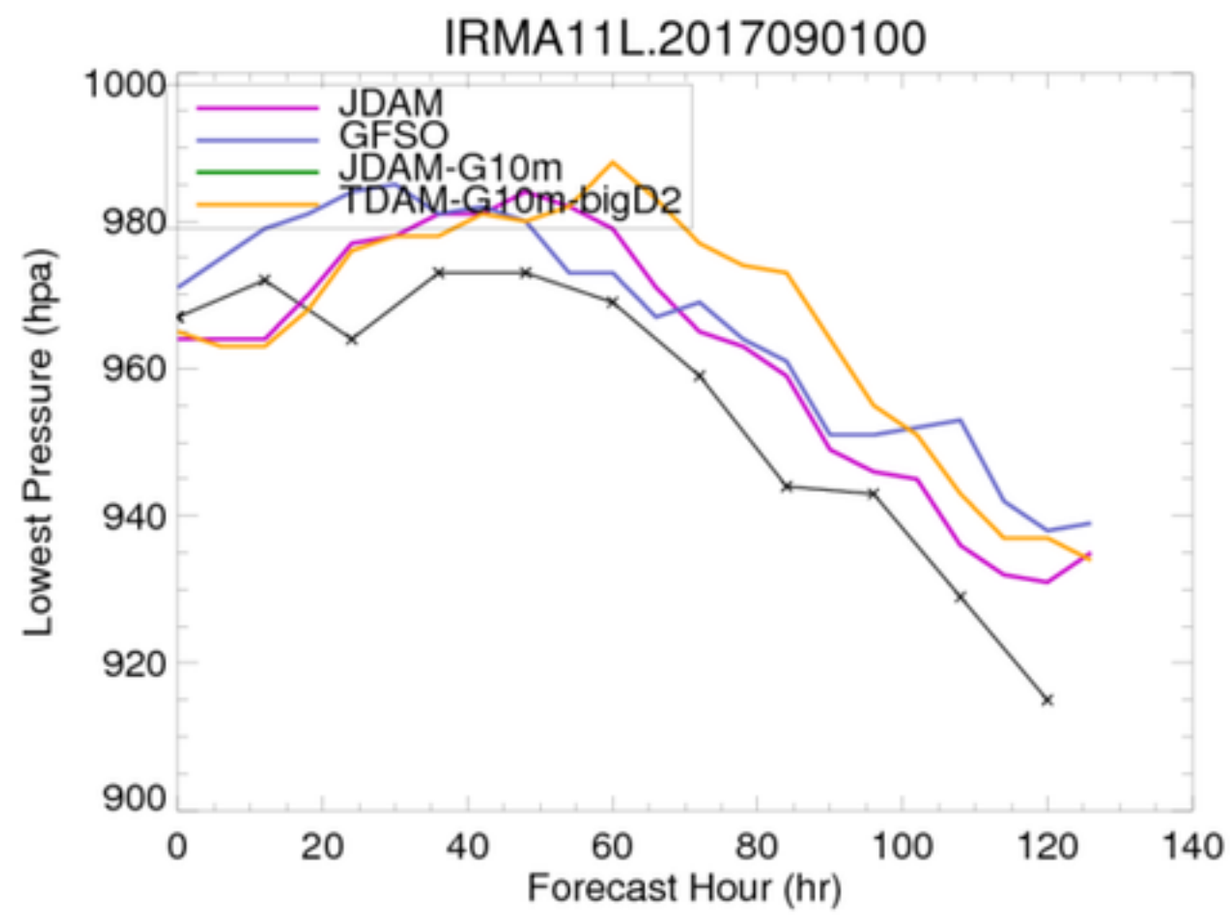

IRMA11L.2017083118
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-64 -60 -56 -52 -48 -44 -40 -36 -32
12 14 16 18 20 22 24 26 28

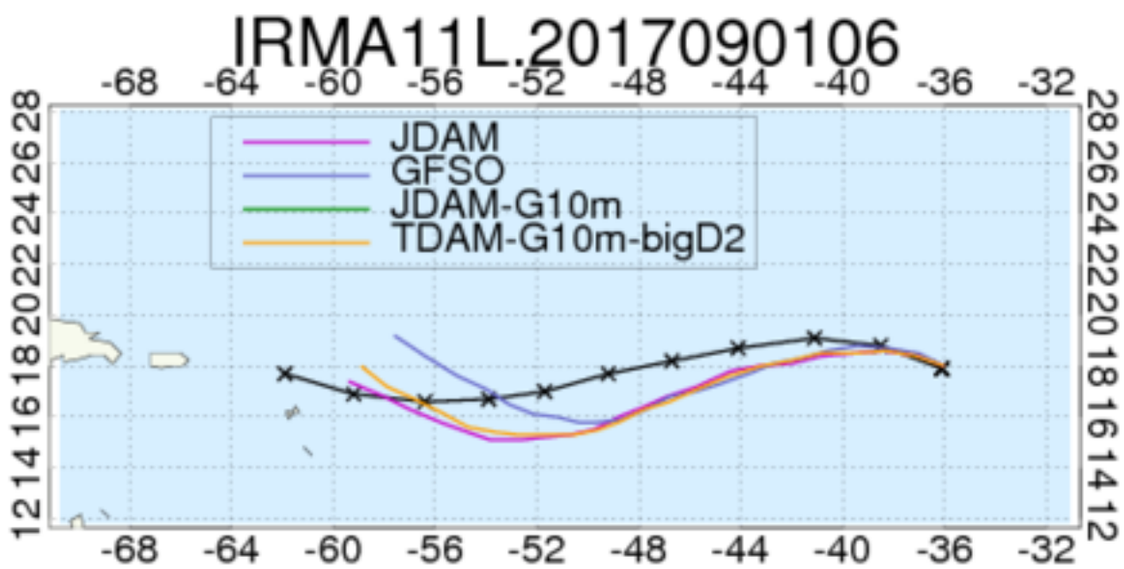

IRMA11L.2017083118
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
60 80 100 120 140 160
Forecast Hour (hr)
0 20 40 60 80 100 120 140

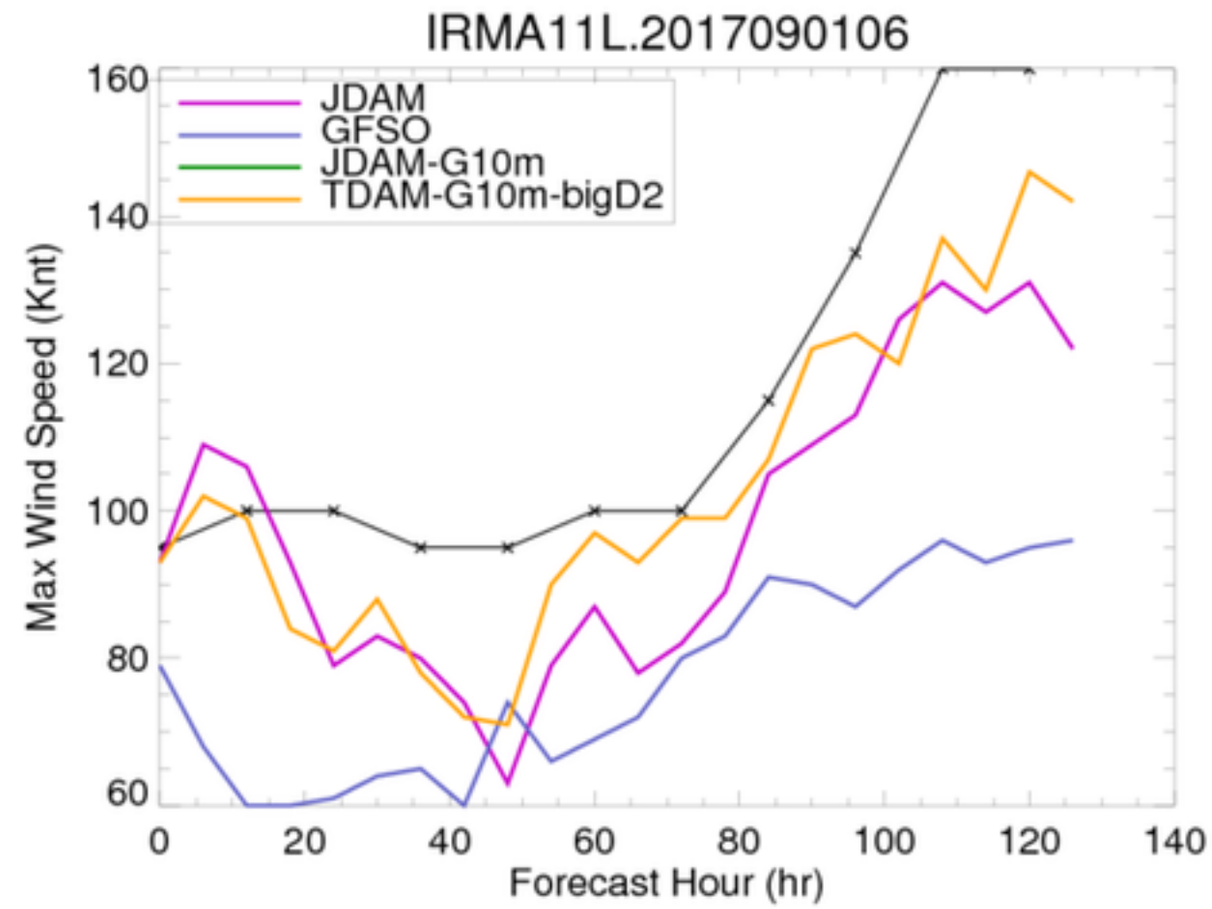

IRMA11L.2017083118
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000
Forecast Hour (hr)
0 20 40 60 80 100 120 140

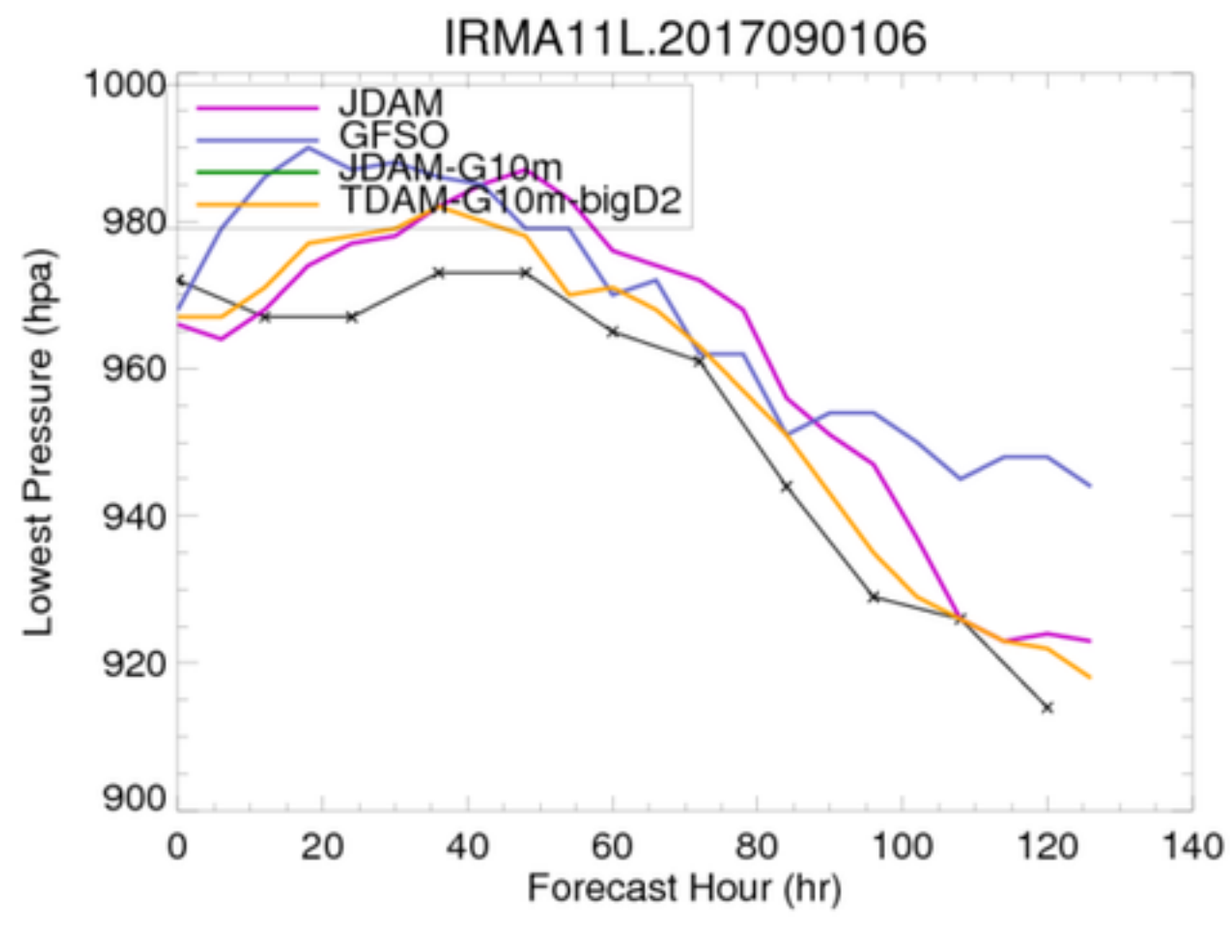

IRMA11L.2017090100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-68 -64 -60 -56 -52 -48 -44 -40 -36 -32
12 14 16 18 20 22 24 26

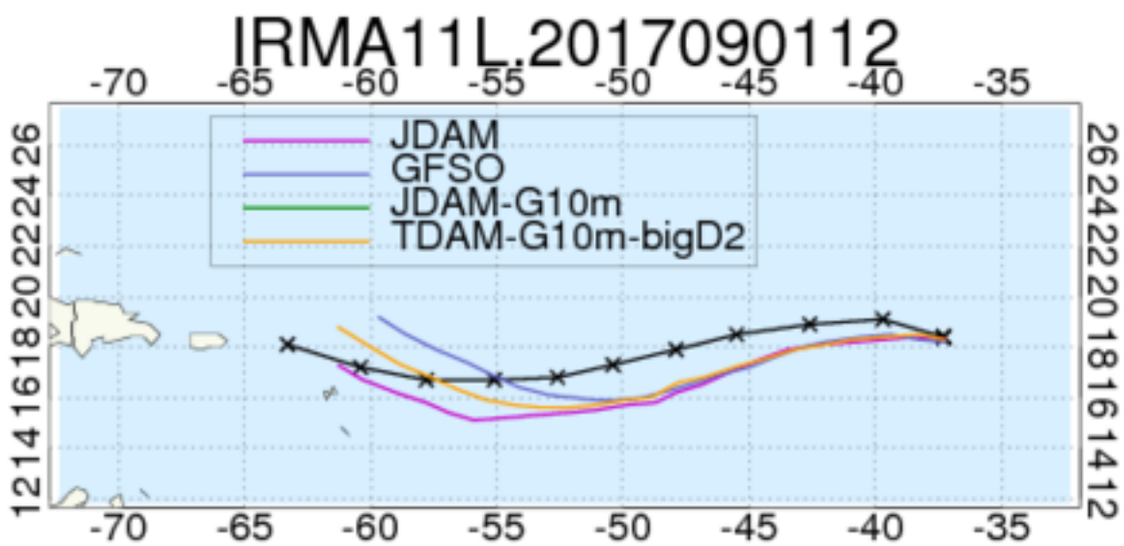

IRMA11L.2017090100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140 160
Forecast Hour (hr)
0 20 40 60 80 100 120 140

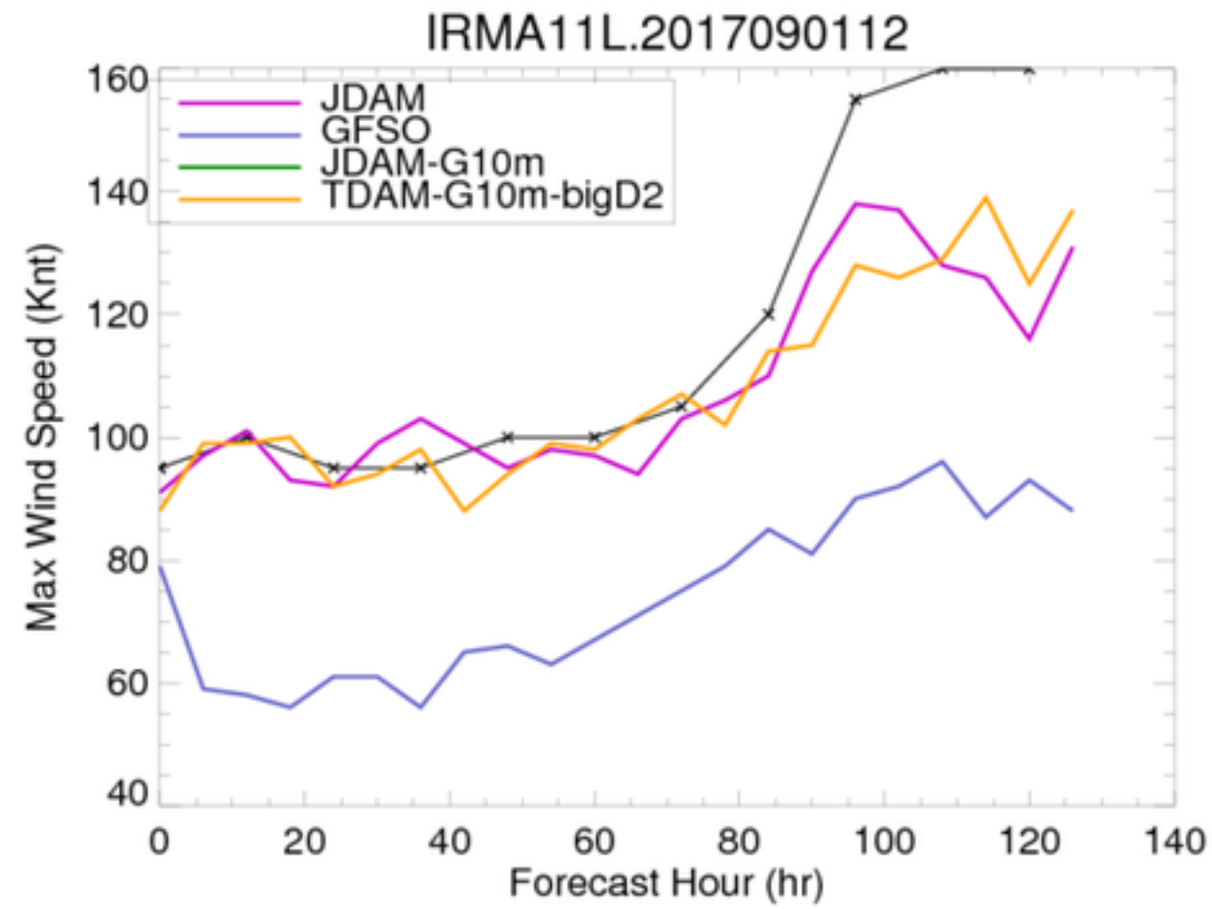

IRMA11L.2017090100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
900 920 940 960 980 1000
Forecast Hour (hr)
0 20 40 60 80 100 120 140

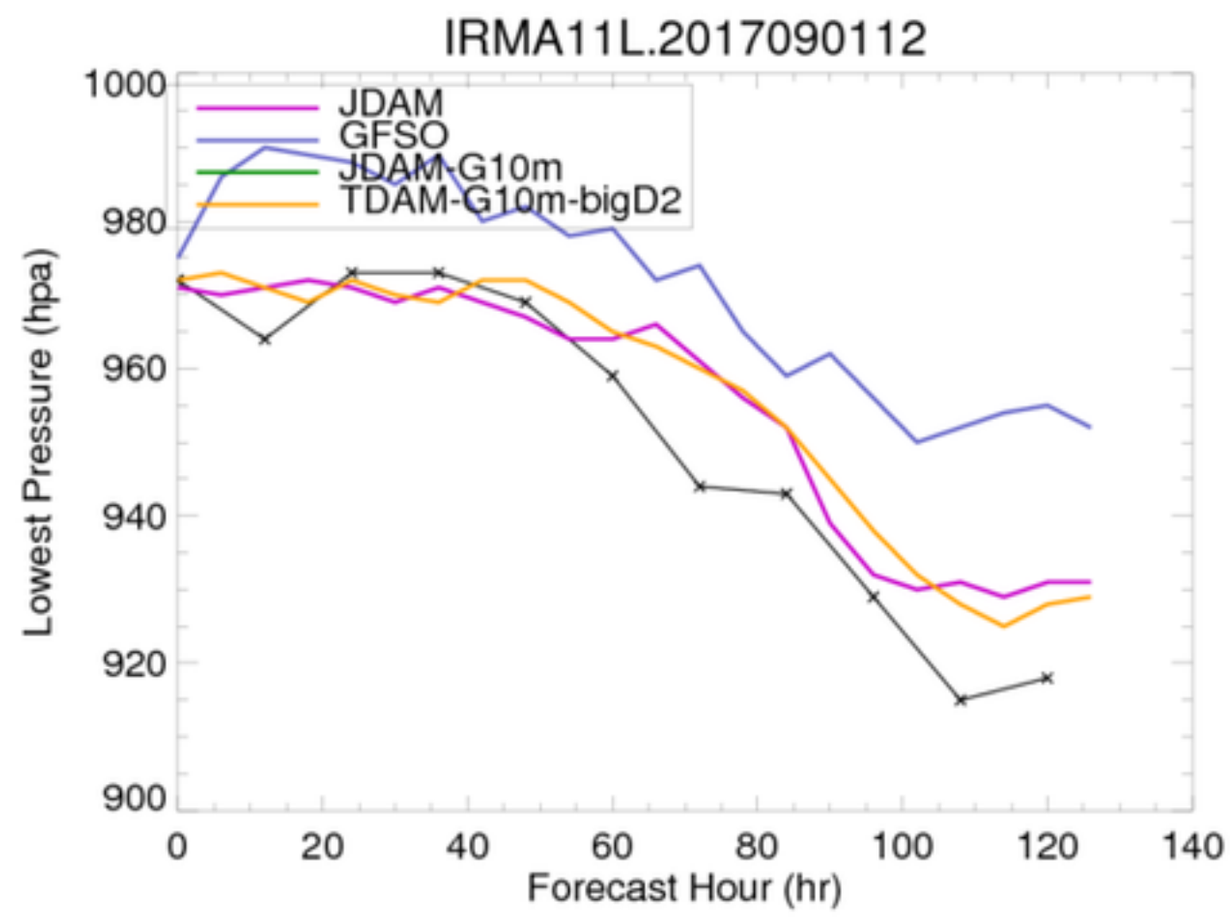

IRMA11L.2017090106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-68 -64 -60 -56 -52 -48 -44 -40 -36 -32
12 14 16 18 20 22 24 26 28

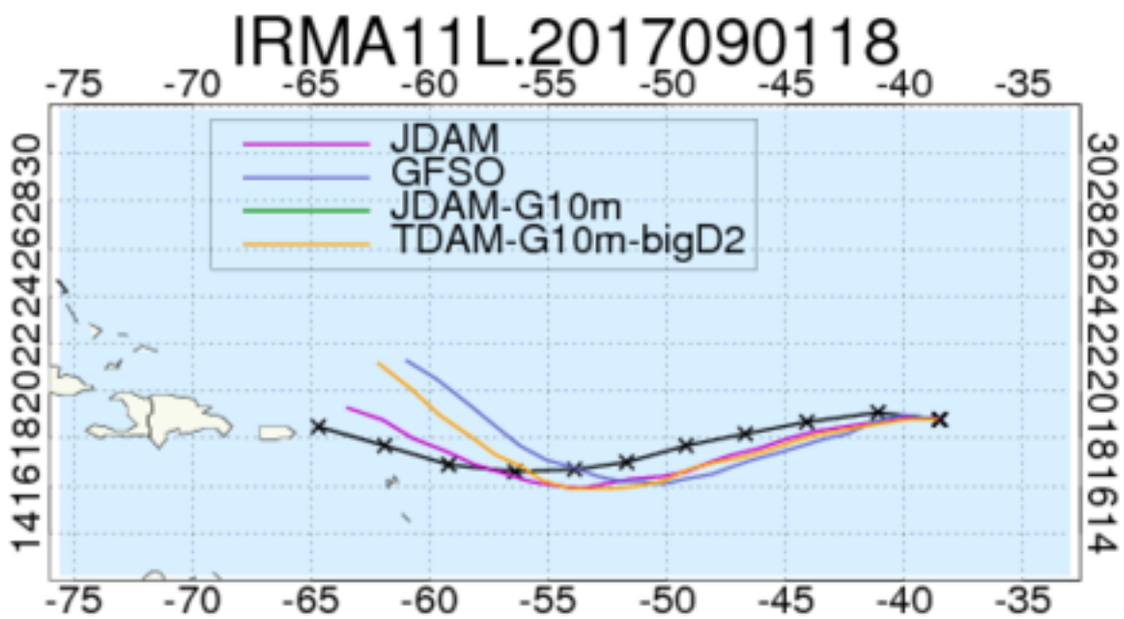

IRMA11L.2017090106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
60 80 100 120 140 160
Forecast Hour (hr)
0 20 40 60 80 100 120 140

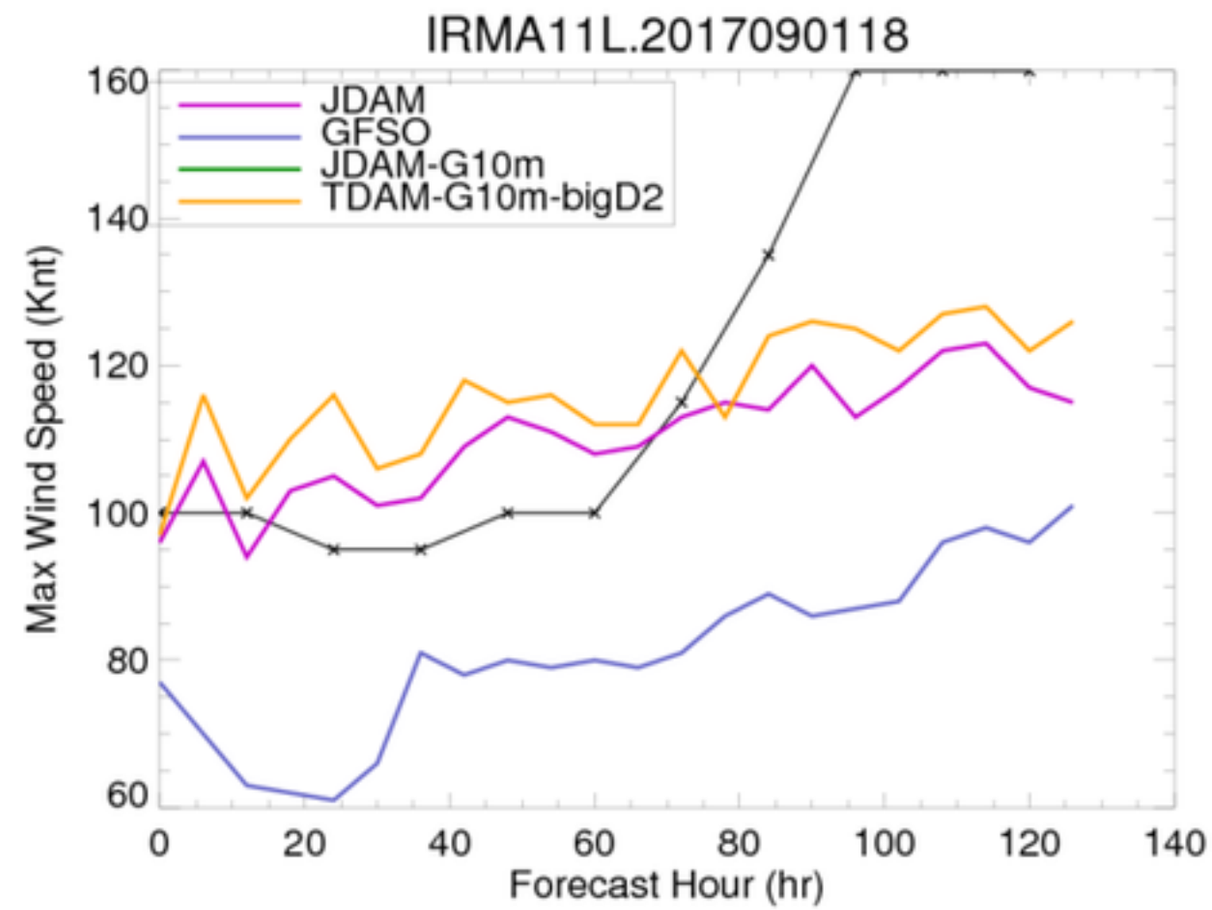

IRMA11L.2017090106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
900 920 940 960 980 1000
Forecast Hour (hr)
0 20 40 60 80 100 120 140

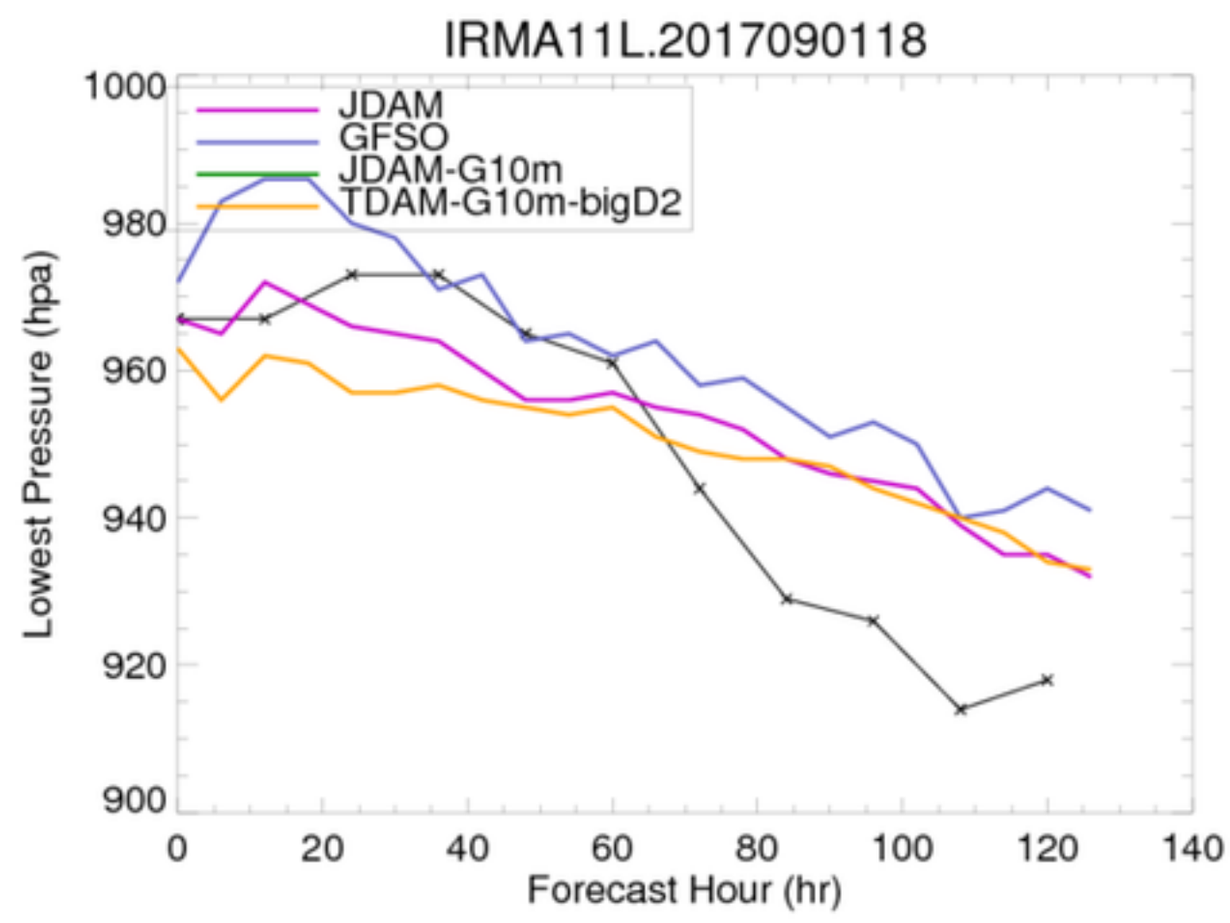

IRMA11L.2017090112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-70 -65 -60 -55 -50 -45 -40 -35
12 14 16 18 20 22 24 26

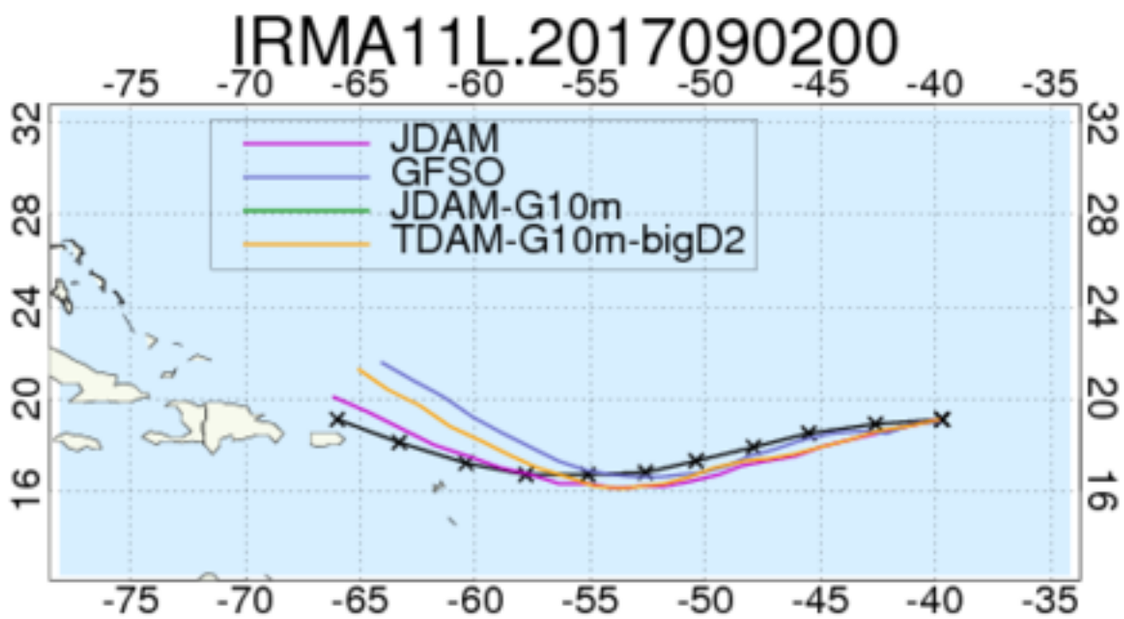

IRMA11L.2017090112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140 160
Forecast Hour (hr)
0 20 40 60 80 100 120 140

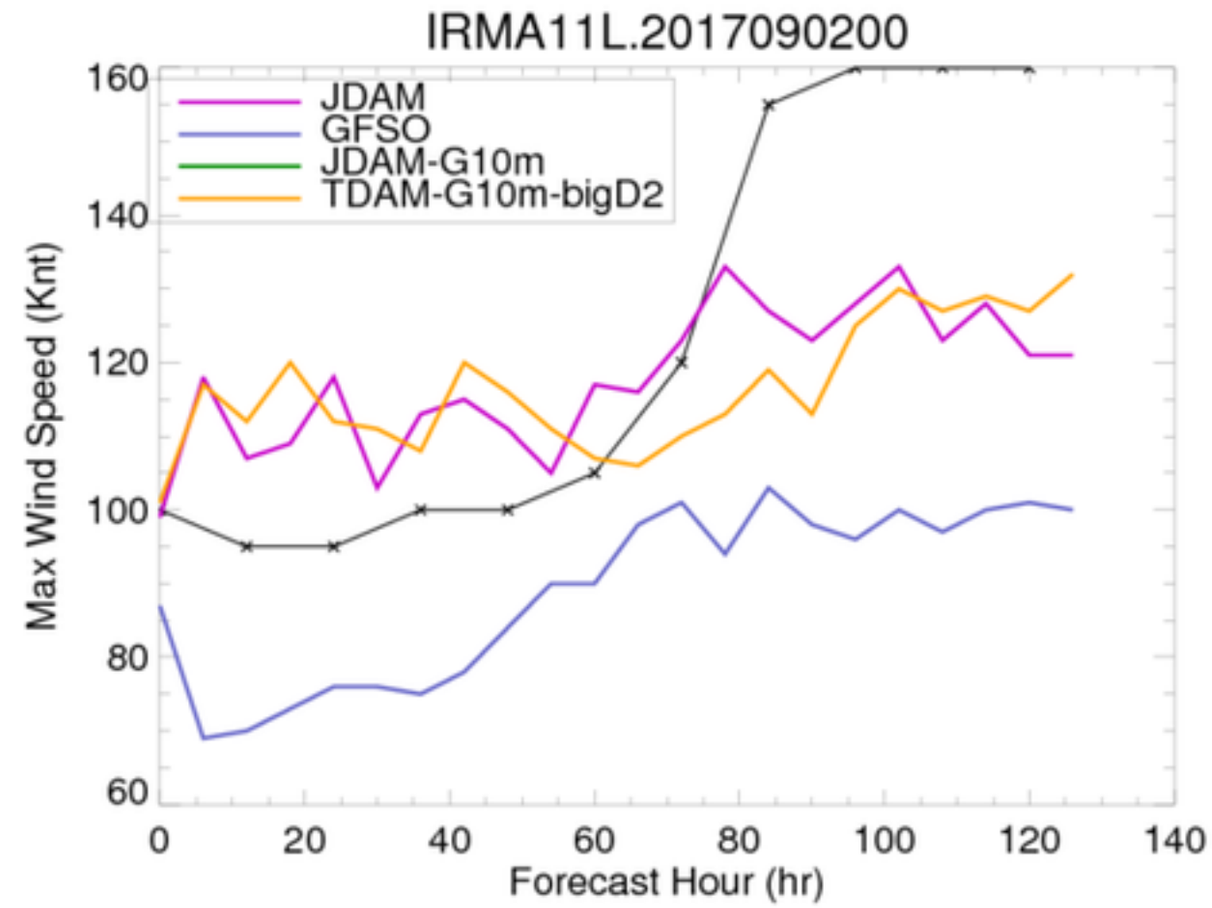

IRMA11L.2017090112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
900 920 940 960 980 1000
Forecast Hour (hr)
0 20 40 60 80 100 120 140

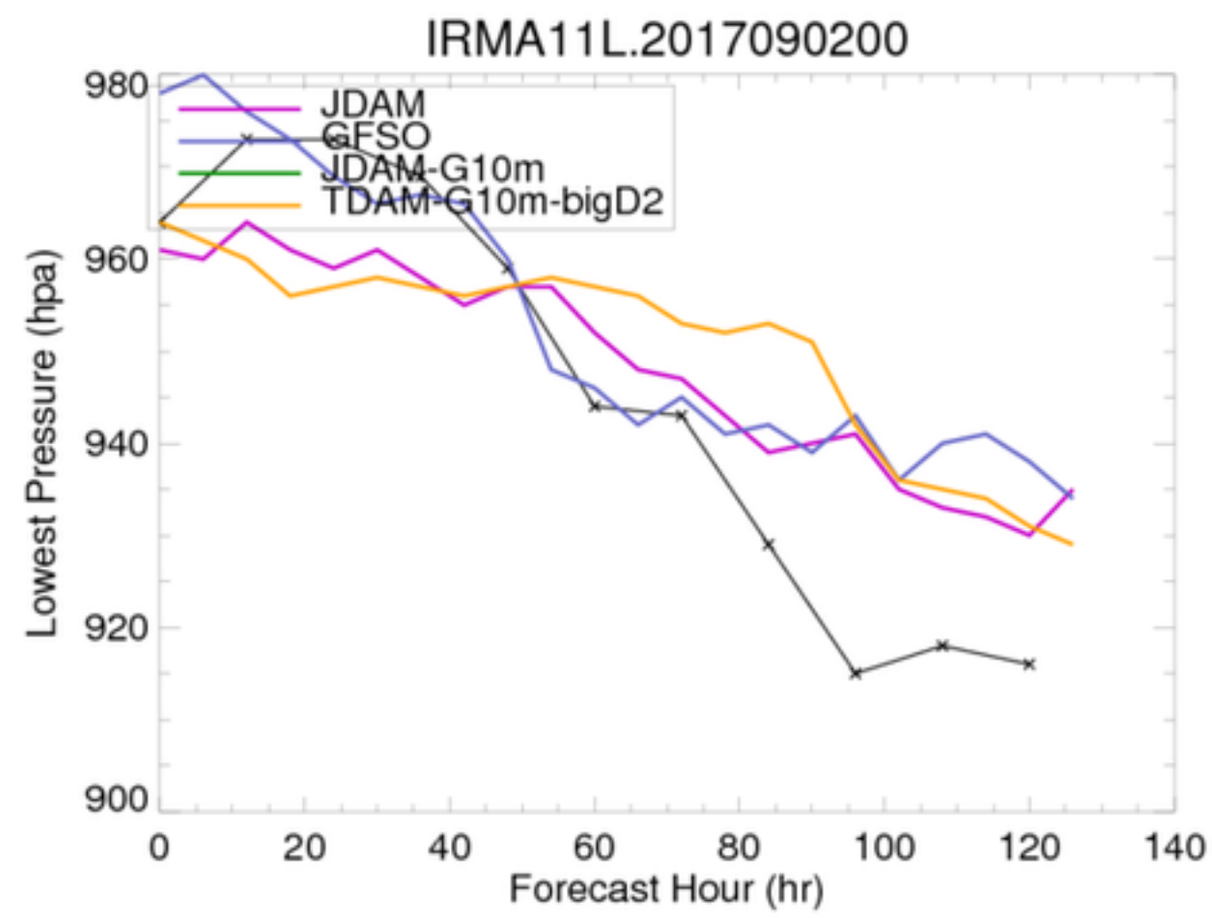

IRMA11L.2017090118
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-75 -70 -65 -60 -55 -50 -45 -40 -35
14 16 18 20 22 24 26 28 30
30 28 26 24 22 20 18 16 14

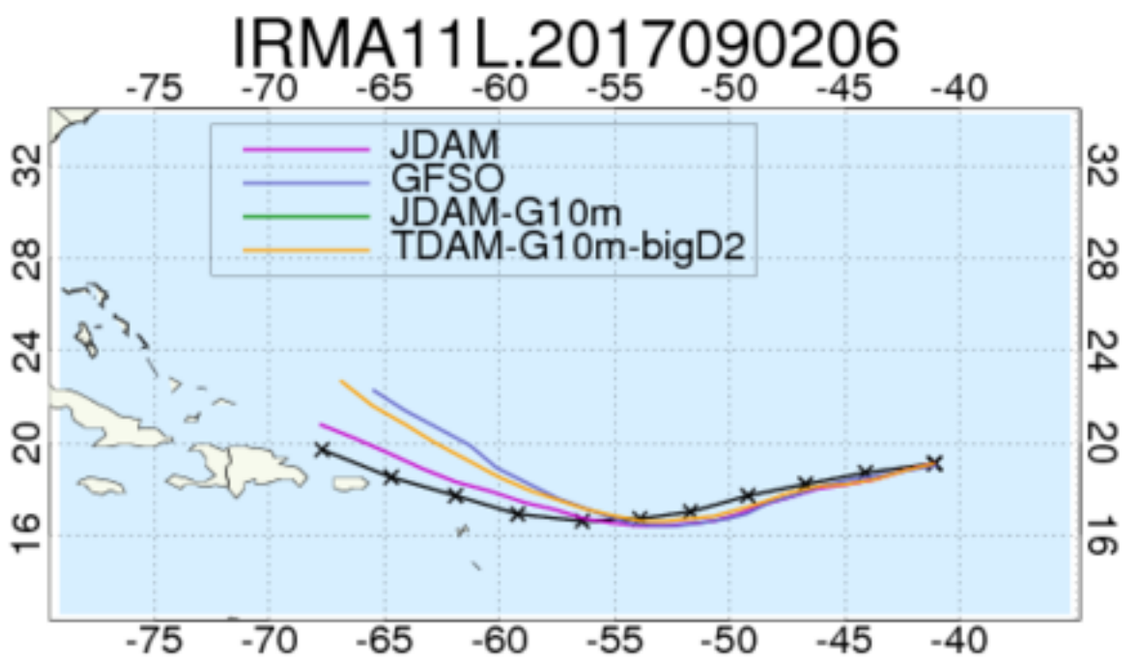

IRMA11L.2017090118
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
60 80 100 120 140 160
0 20 40 60 80 100 120 140
Forecast Hour (hr)

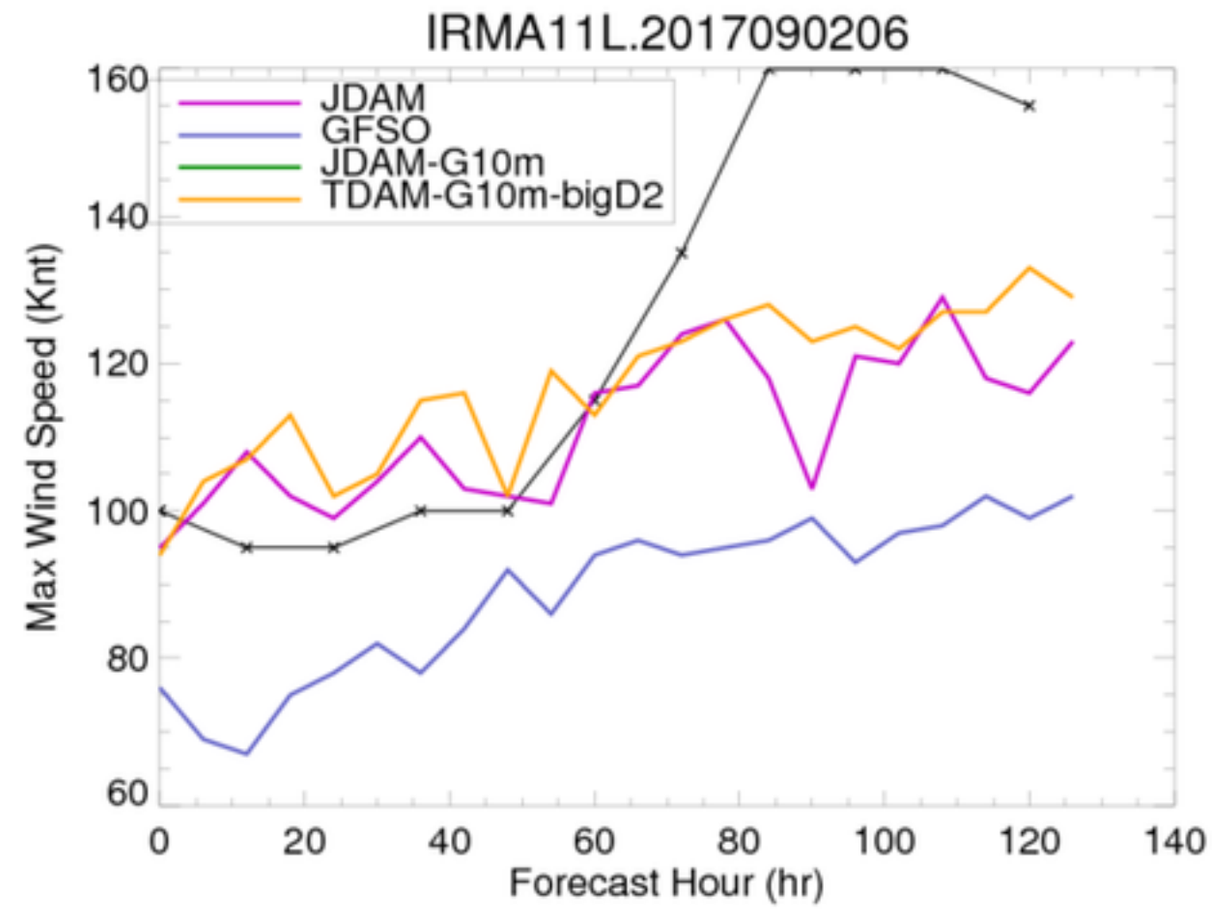

IRMA11L.2017090118
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
900 920 940 960 980 1000
0 20 40 60 80 100 120 140
Forecast Hour (hr)

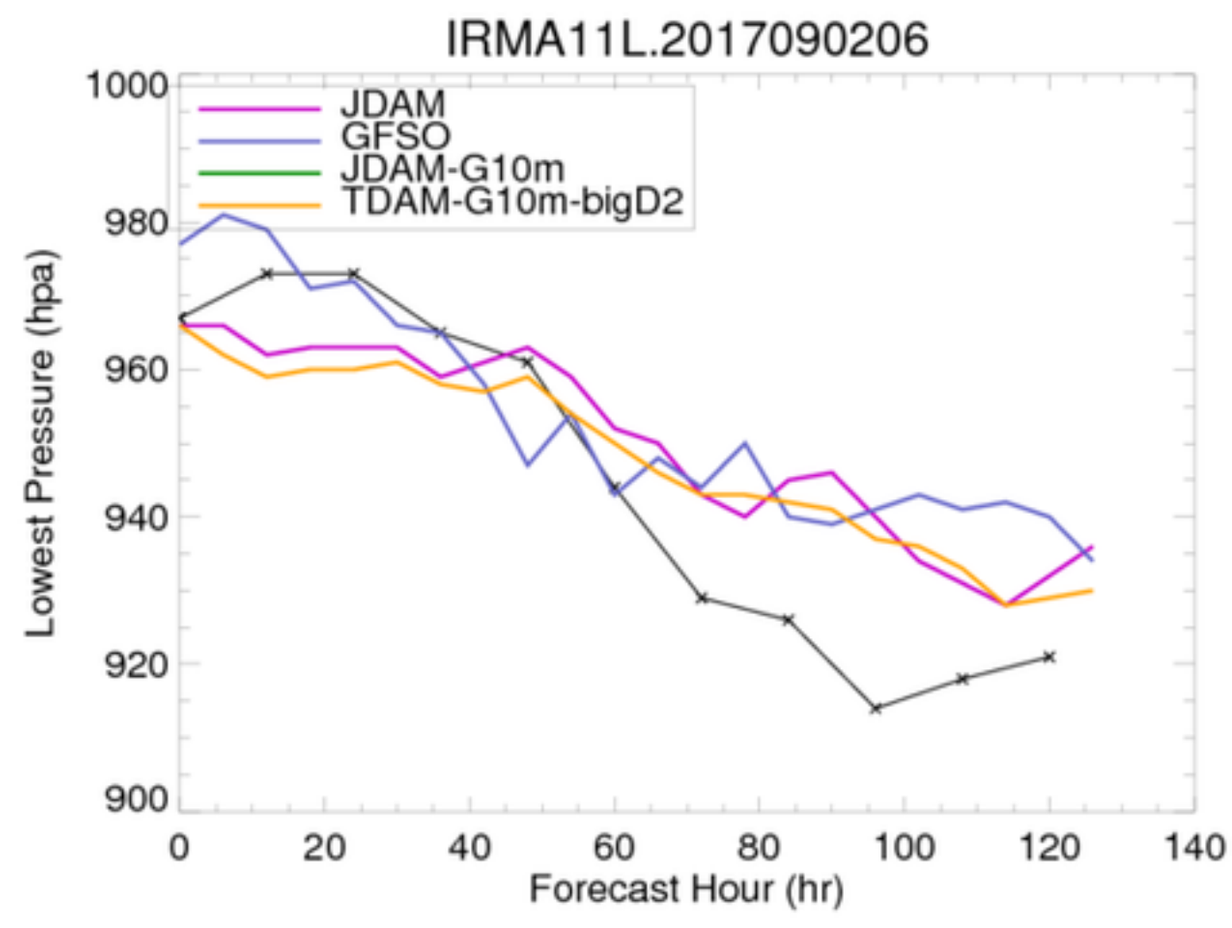

IRMA11L.2017090200
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-75 -70 -65 -60 -55 -50 -45 -40 -35
32 28 24 20 16

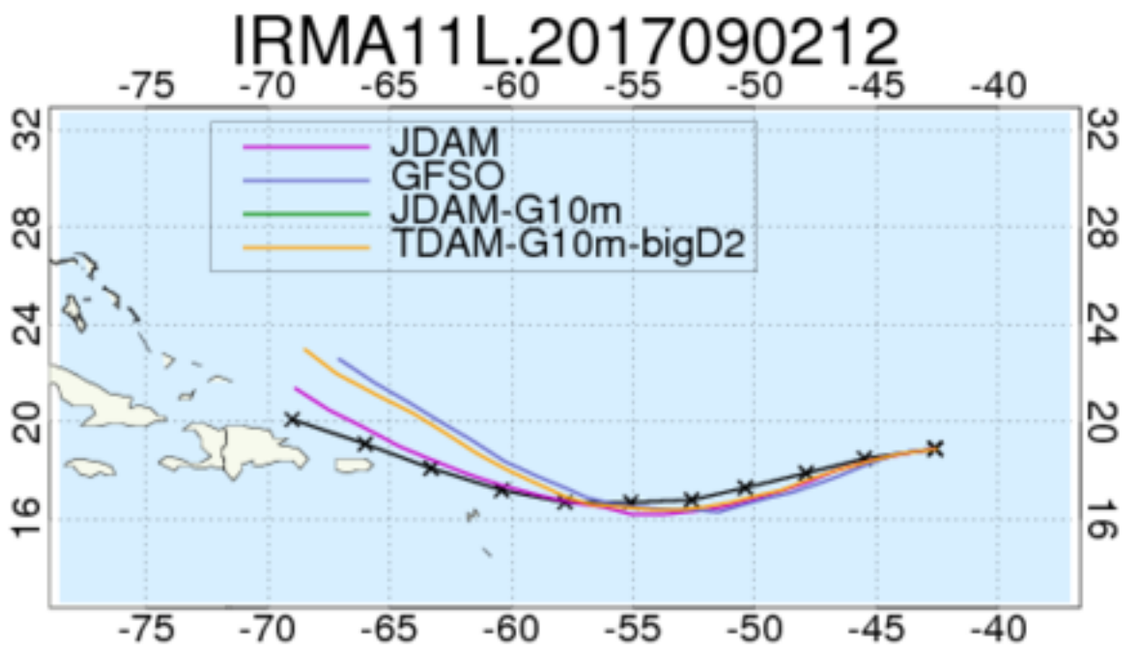

IRMA11L.2017090200
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
60 80 100 120 140 160
0 20 40 60 80 100 120 140

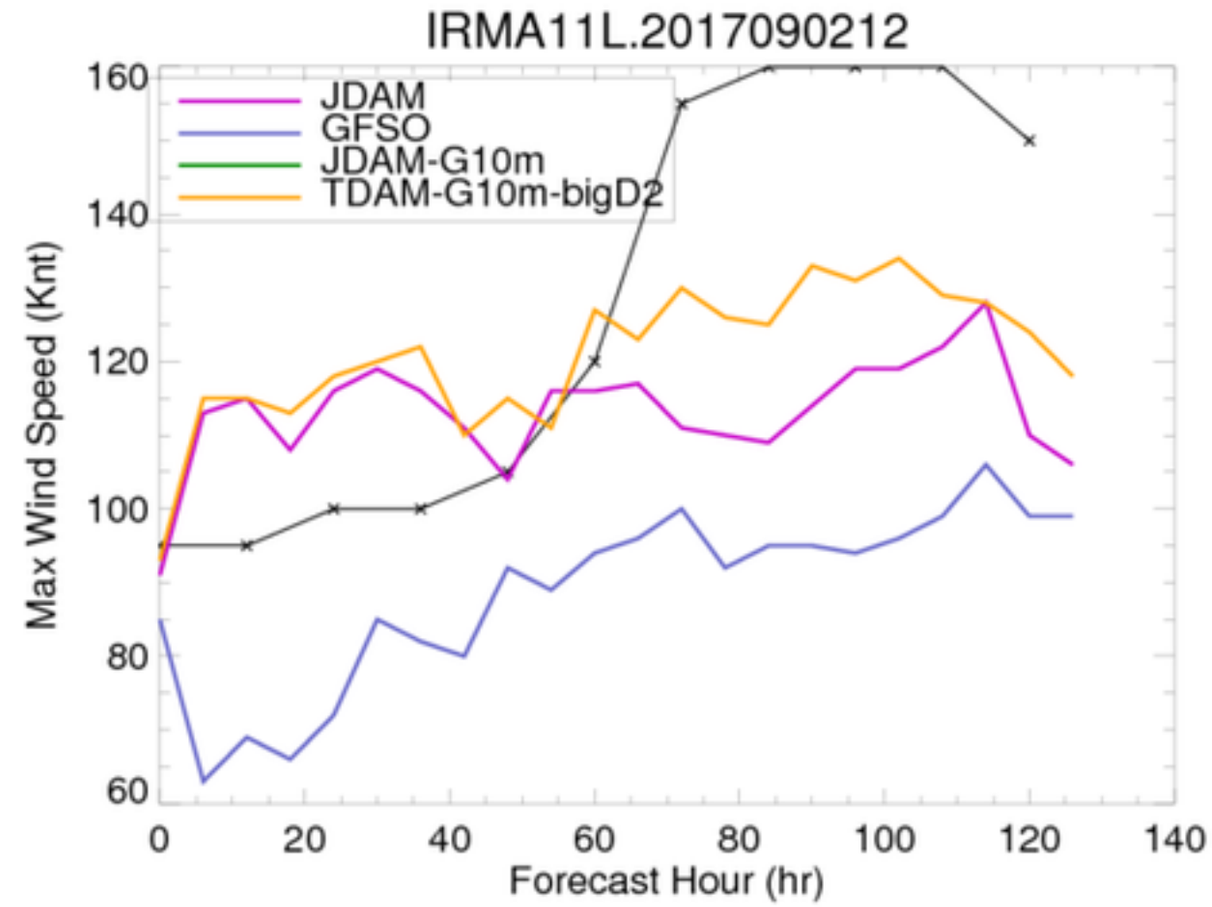

IRMA11L.2017090200
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
900 920 940 960 980
0 20 40 60 80 100 120 140

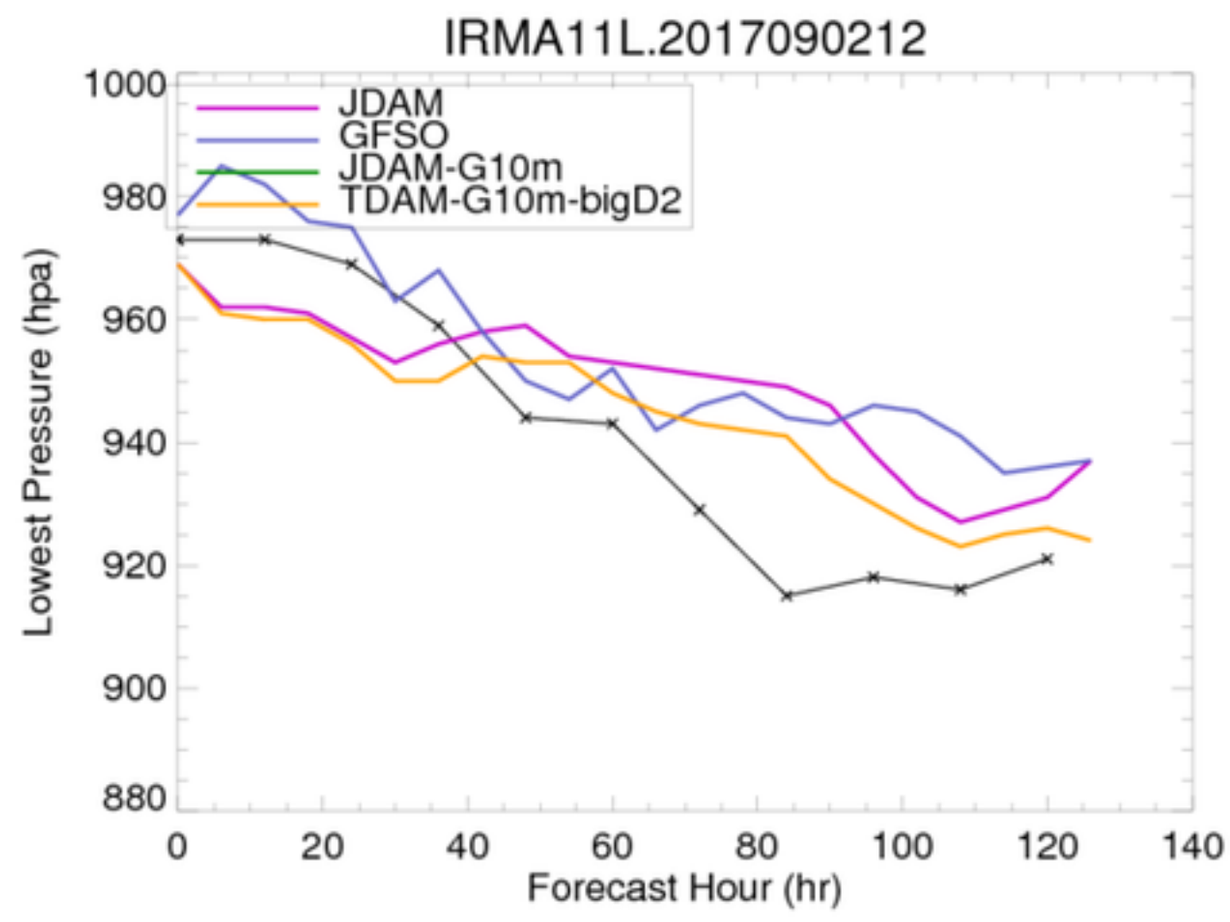

IRMA11L.2017090206
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-75 -70 -65 -60 -55 -50 -45 -40
32 28 24 20 16

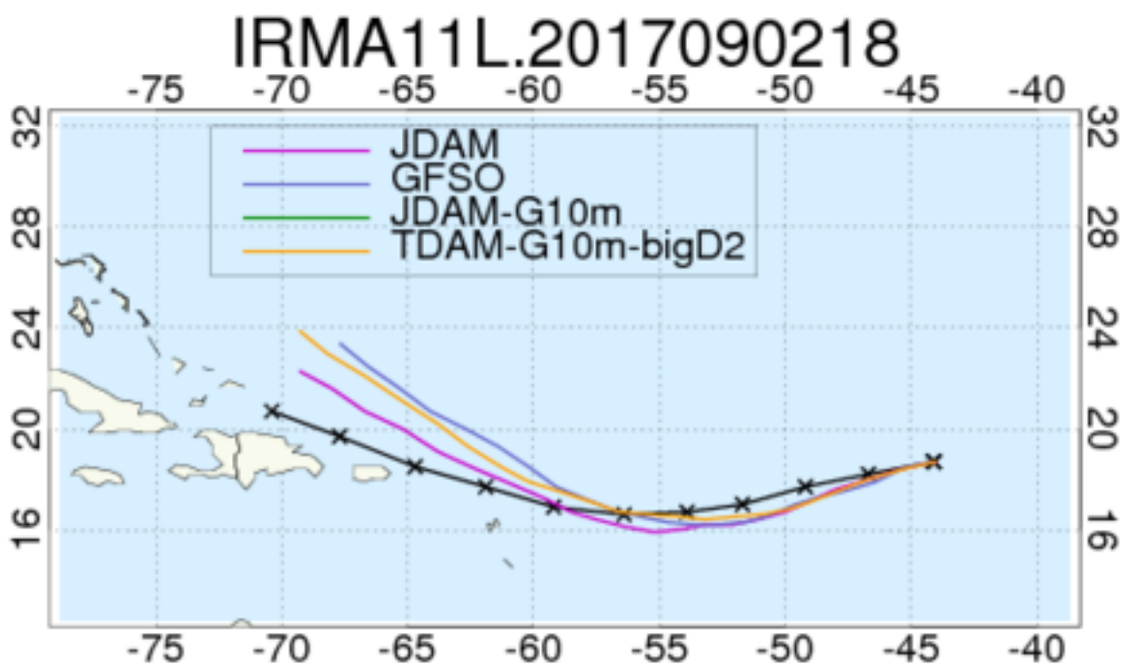

IRMA11L.2017090206
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
60 80 100 120 140 160
0 20 40 60 80 100 120 140

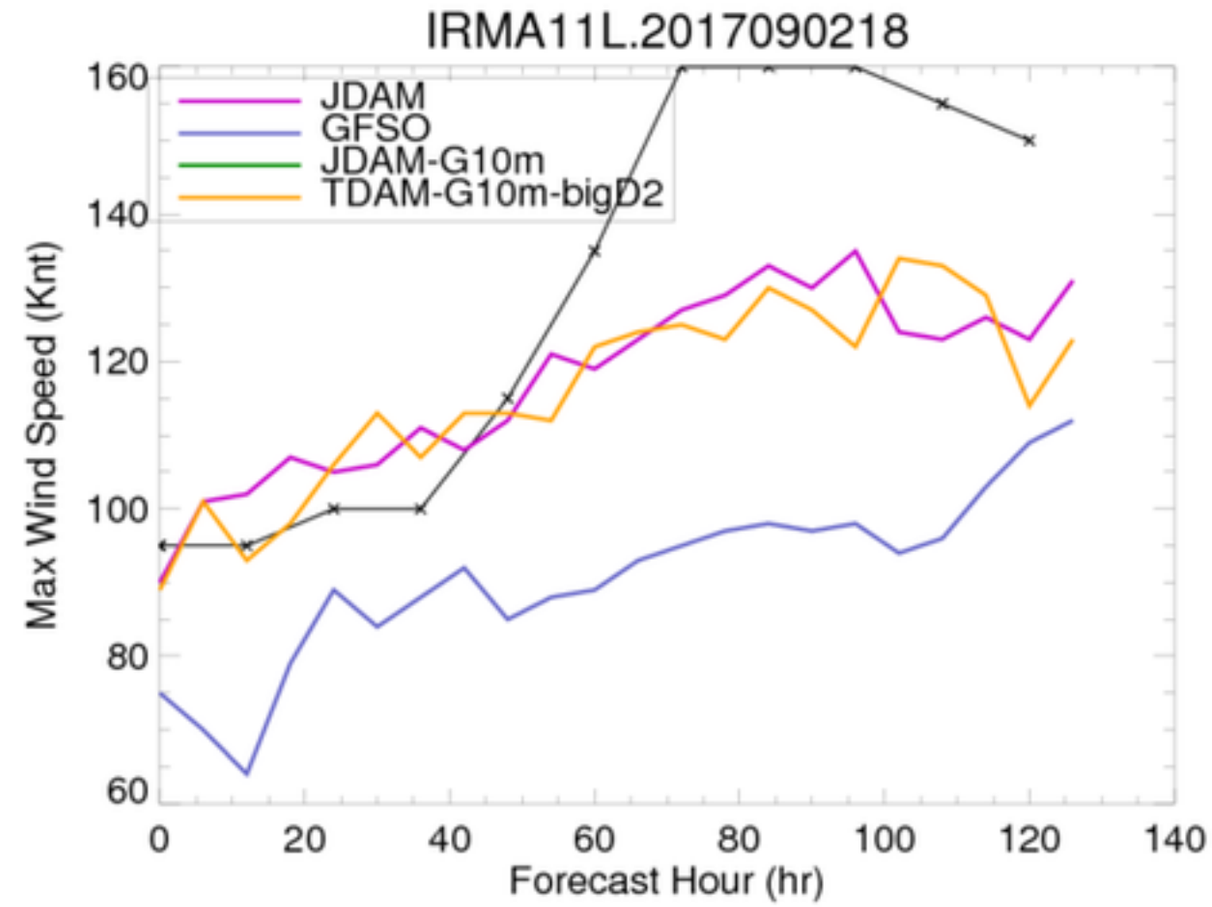

IRMA11L.2017090206
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
900 920 940 960 980 1000
0 20 40 60 80 100 120 140

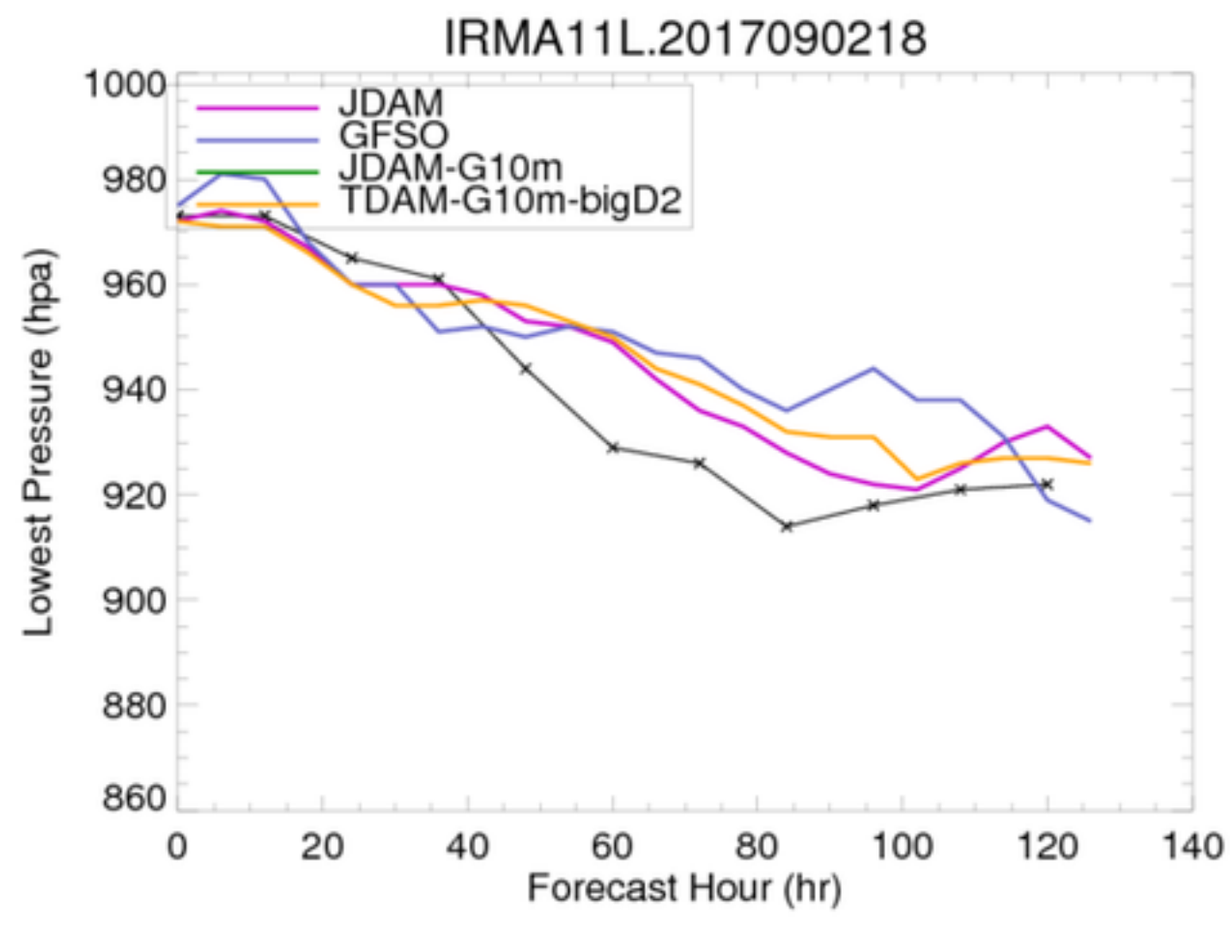

IRMA11L.2017090212
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-75 -70 -65 -60 -55 -50 -45 -40
32 28 24 20 16

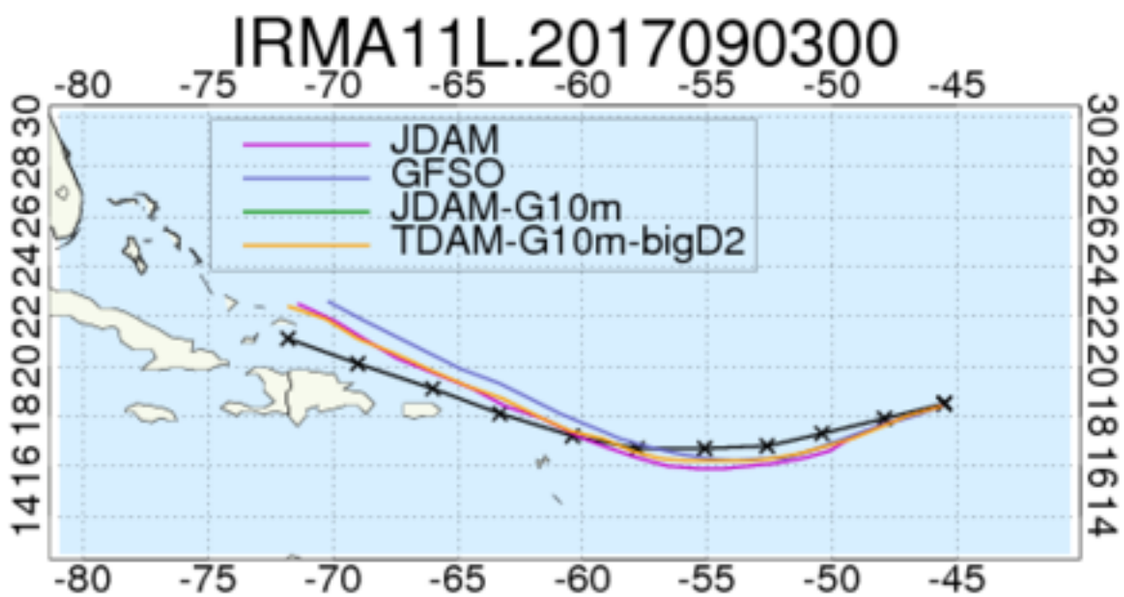

IRMA11L.2017090212
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
60 80 100 120 140 160
0 20 40 60 80 100 120 140
Forecast Hour (hr)

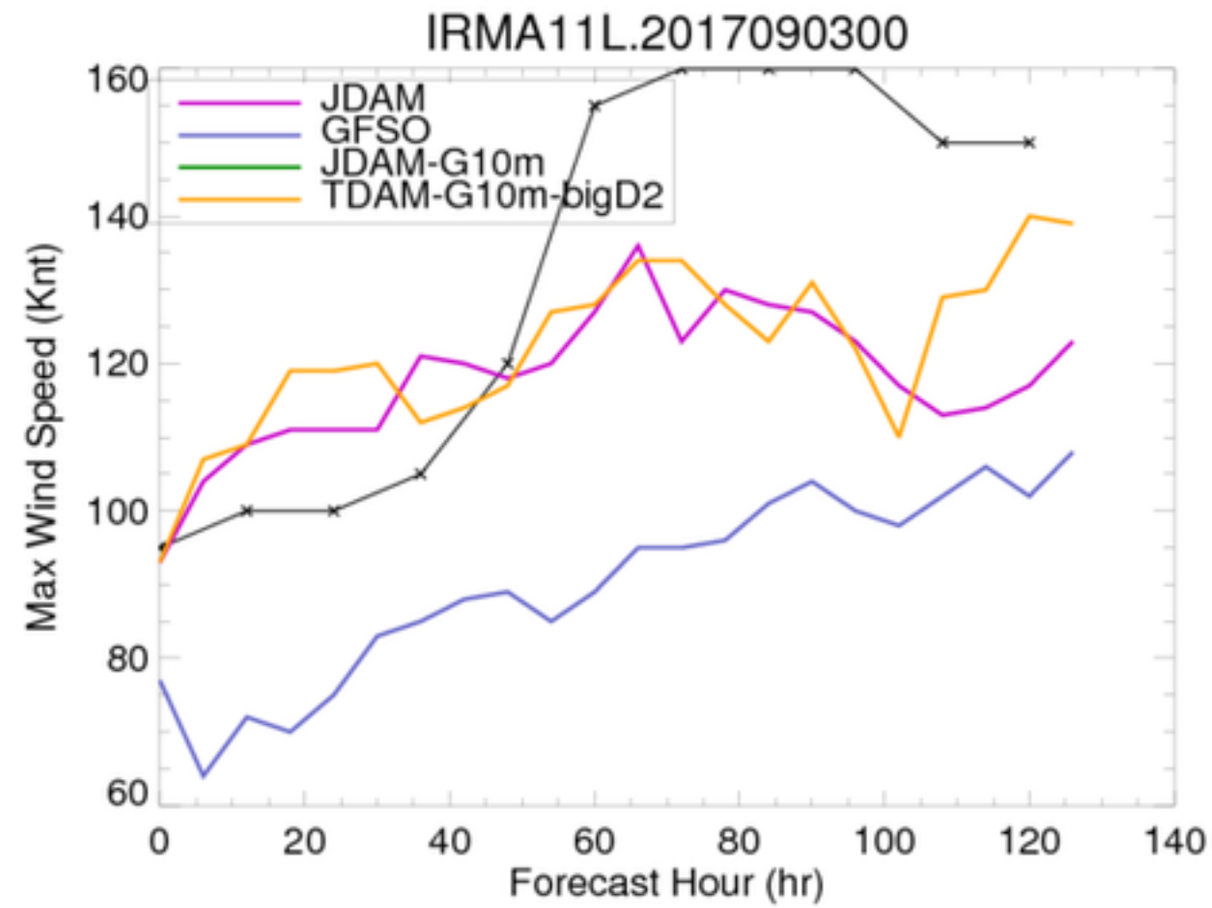

IRMA11L.2017090212
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
880 900 920 940 960 980 1000
0 20 40 60 80 100 120 140
Forecast Hour (hr)

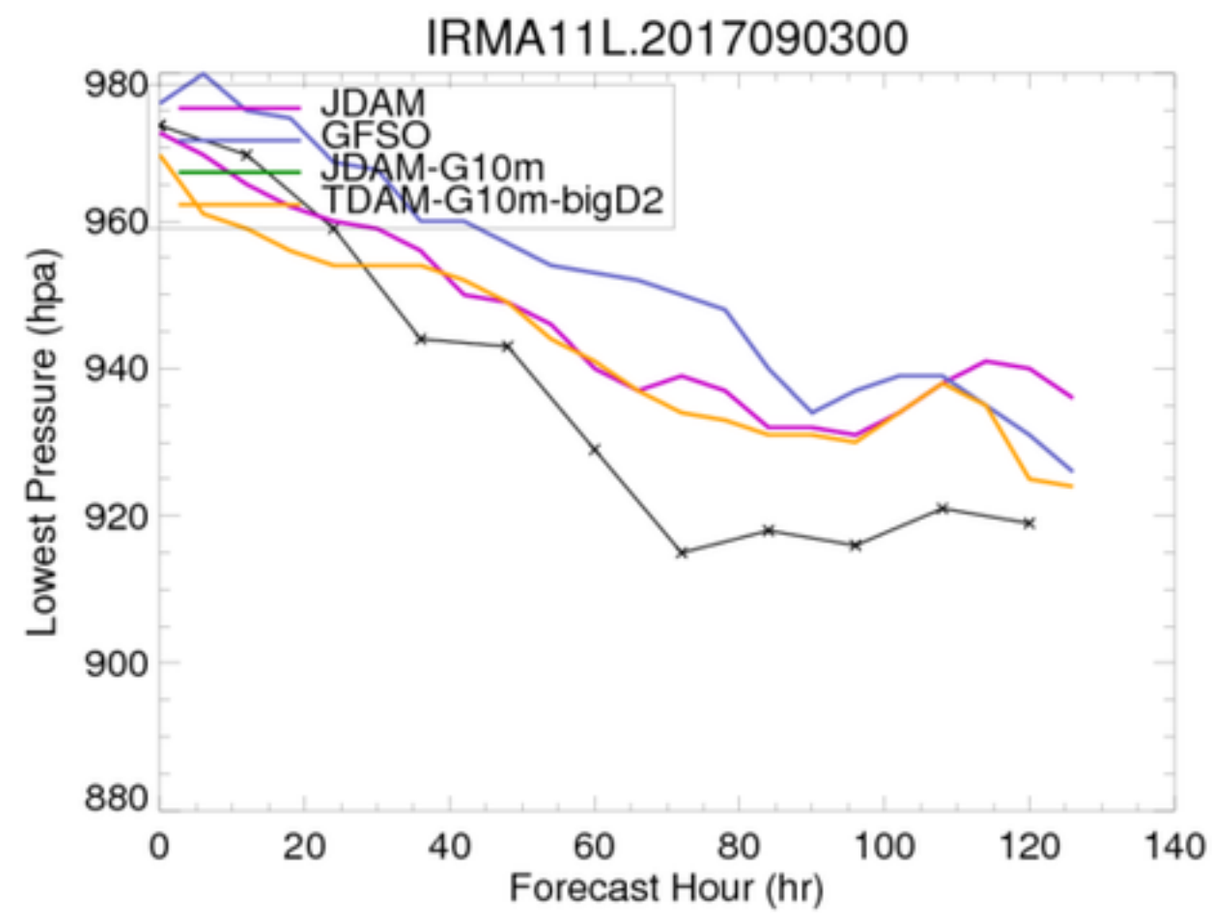

IRMA11L.2017090218
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-75 -70 -65 -60 -55 -50 -45 -40
32 28 24 20 16

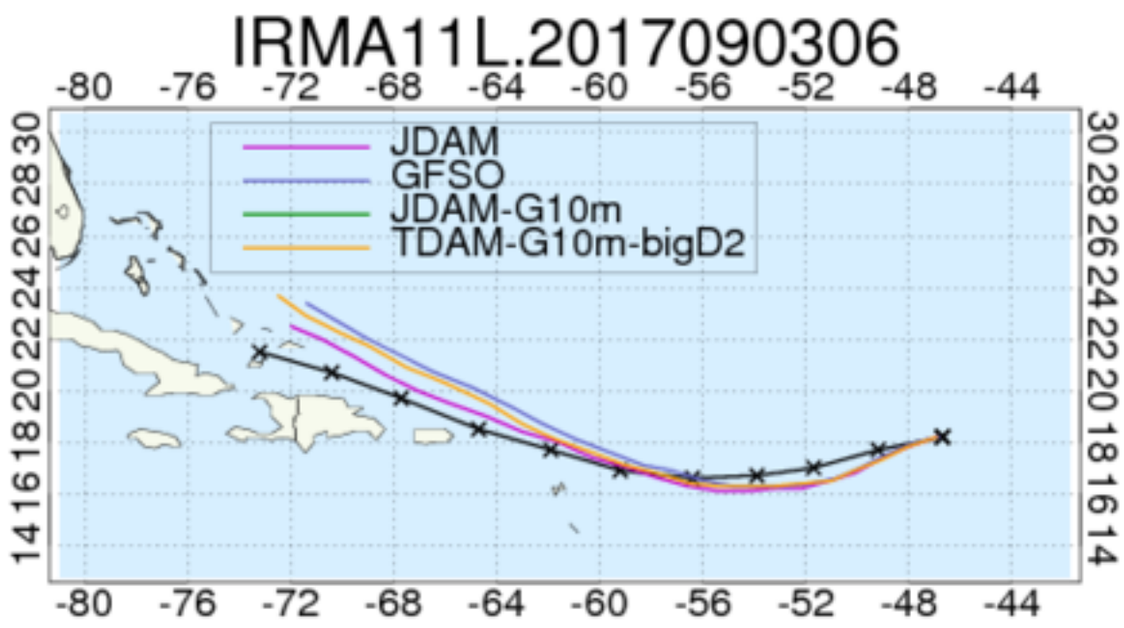

IRMA11L.2017090218
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
60 80 100 120 140 160
0 20 40 60 80 100 120 140

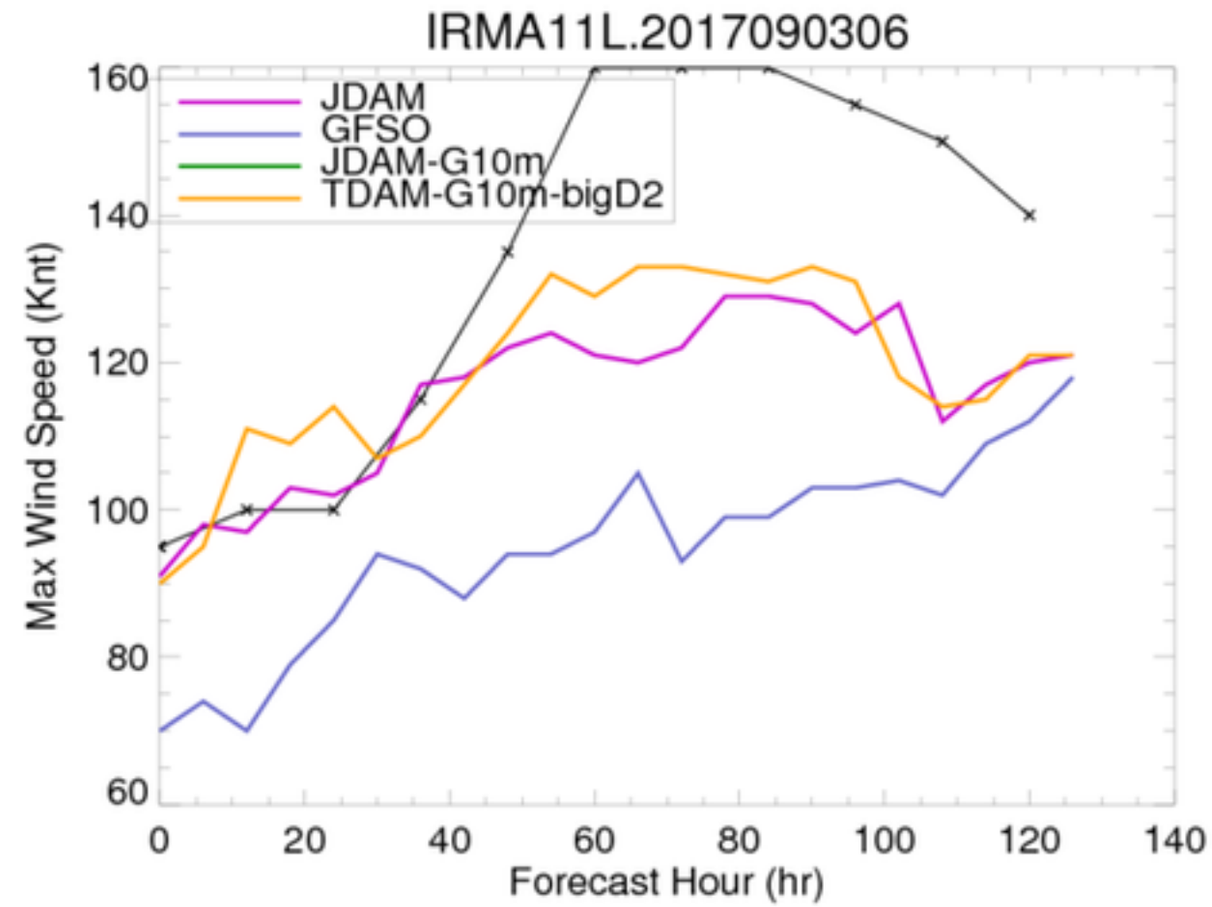

IRMA11L.2017090218
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
860 880 900 920 940 960 980 1000
0 20 40 60 80 100 120 140

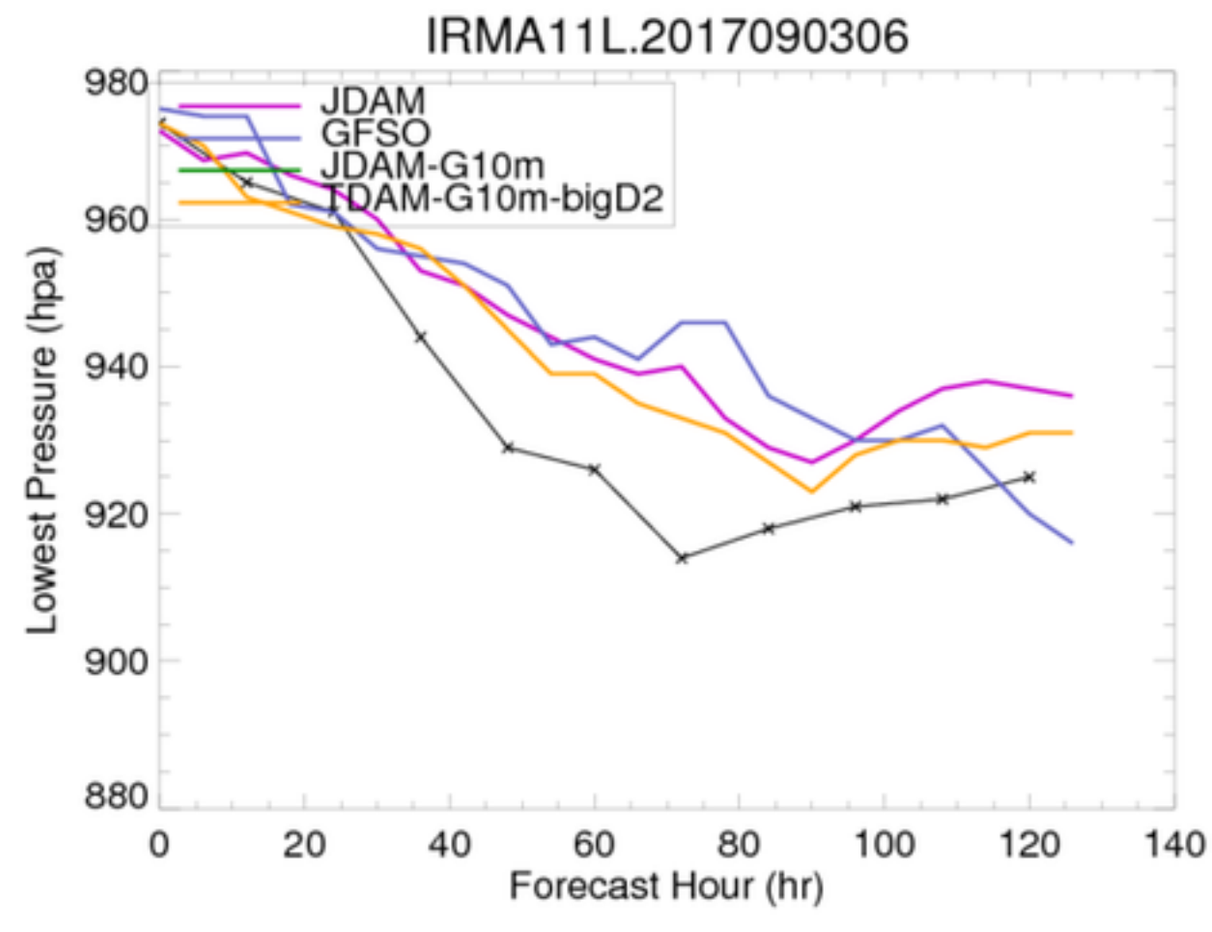

IRMA11L.2017090300
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-80 -75 -70 -65 -60 -55 -50 -45
14 16 18 20 22 24 26 28 30

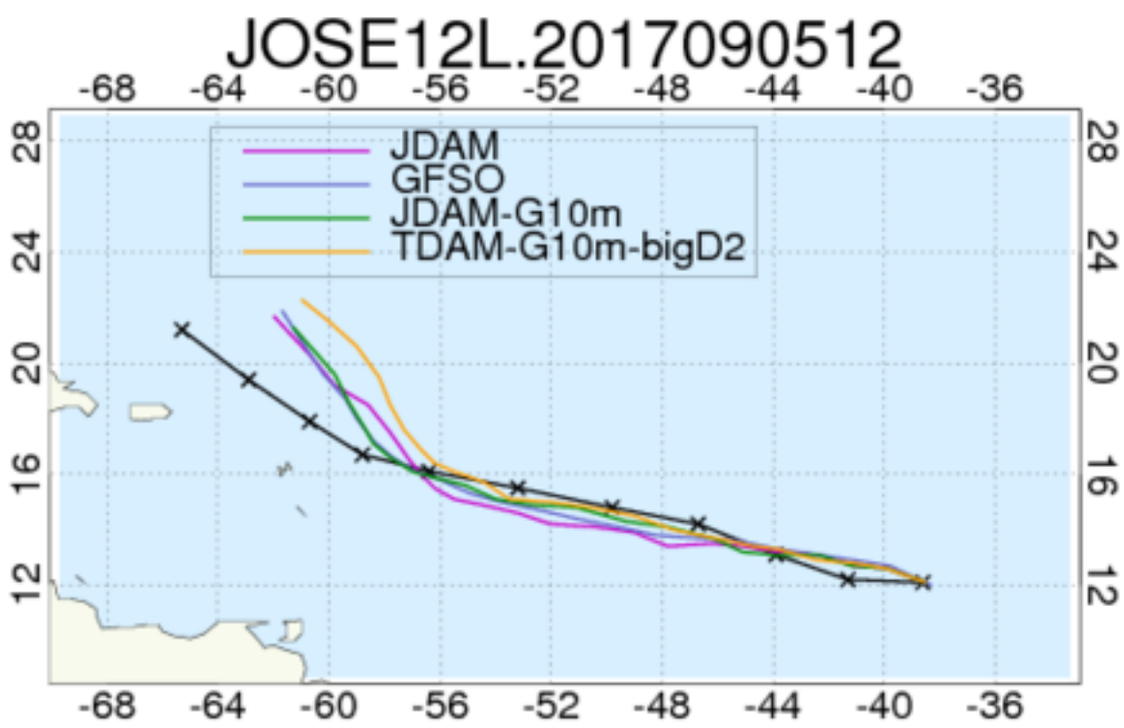

IRMA11L.2017090300
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
60 80 100 120 140 160
0 20 40 60 80 100 120 140
Forecast Hour (hr)

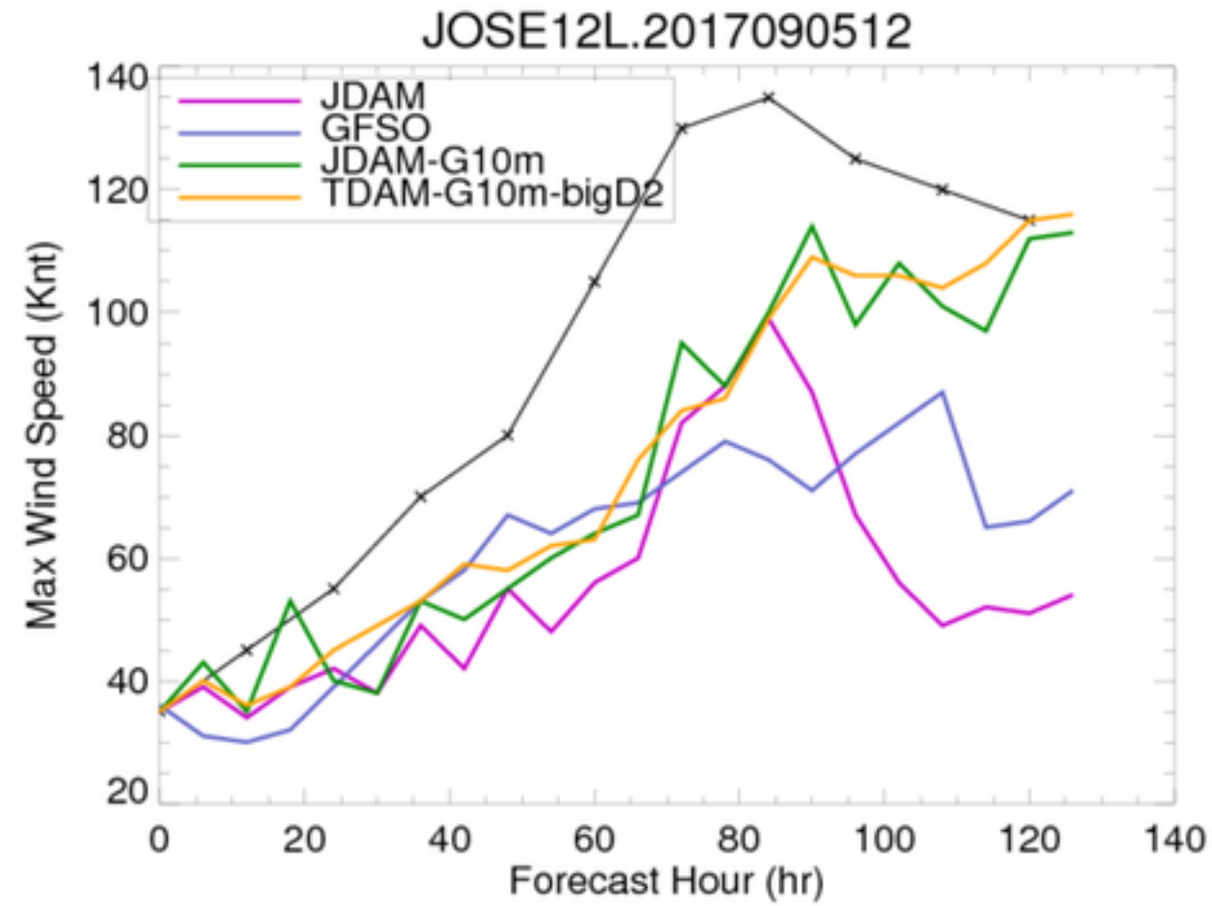

IRMA11L.2017090300
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
880 900 920 940 960 980
0 20 40 60 80 100 120 140
Forecast Hour (hr)

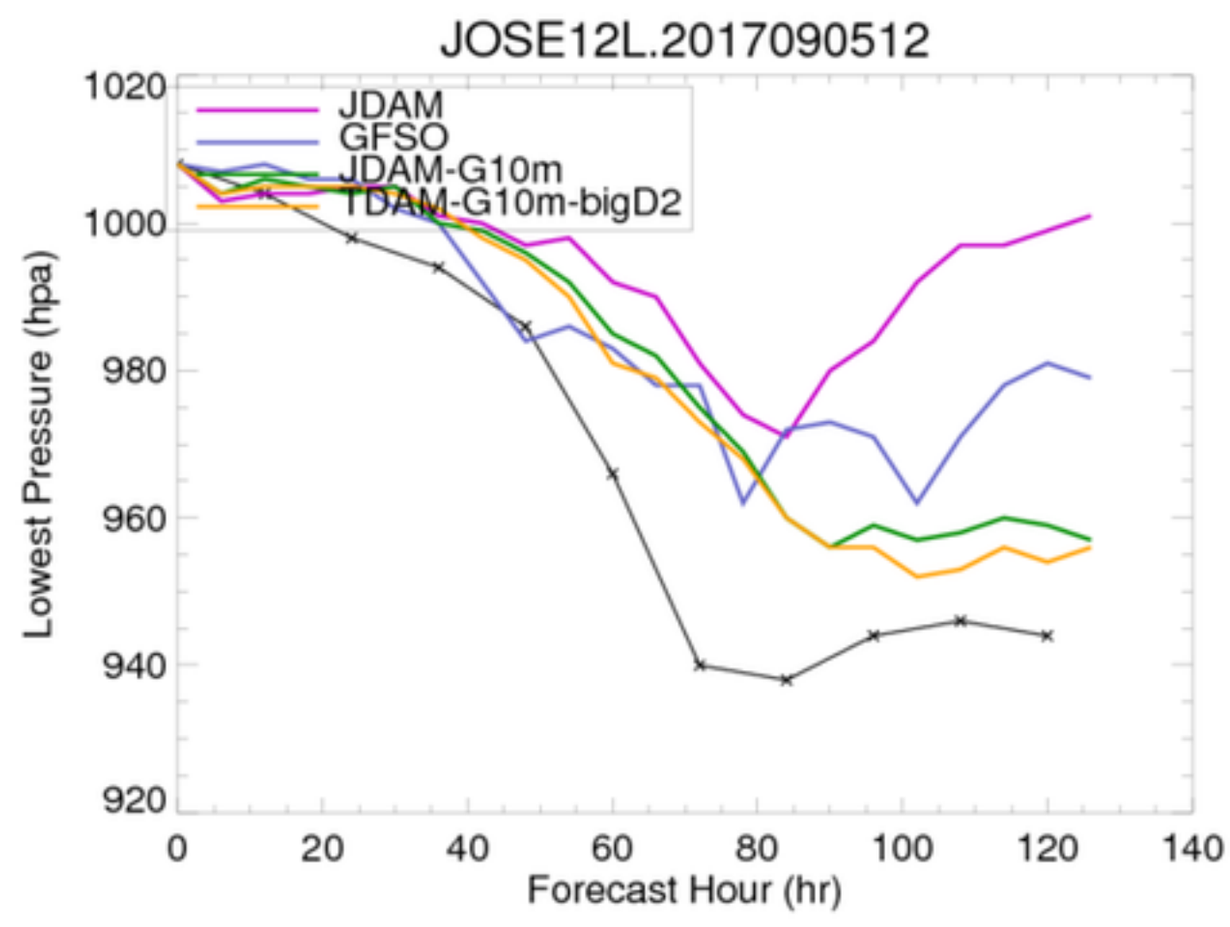

IRMA11L.2017090306
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-80 -76 -72 -68 -64 -60 -56 -52 -48 -44
14 16 18 20 22 24 26 28 30

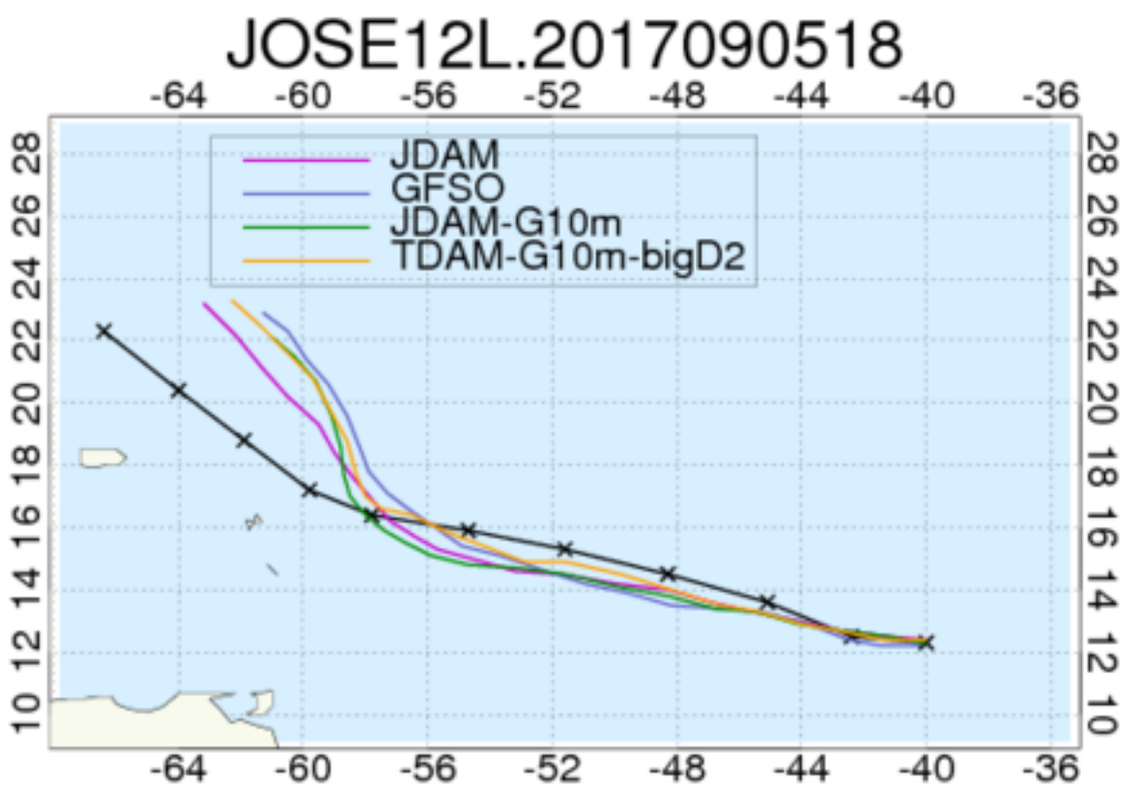

IRMA11L.2017090306
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
60 80 100 120 140 160
Forecast Hour (hr)
0 20 40 60 80 100 120 140

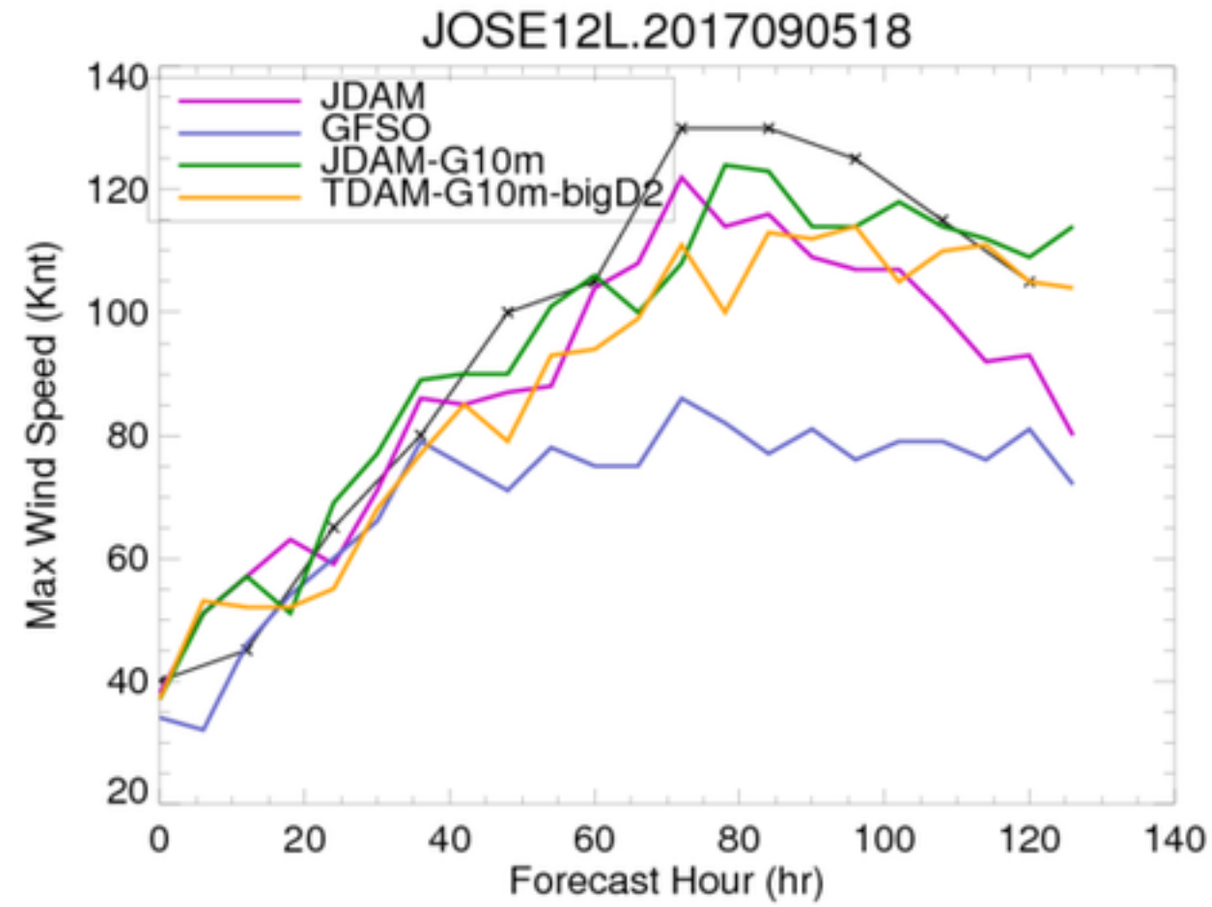

IRMA11L.2017090306
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
880 900 920 940 960 980
Forecast Hour (hr)
0 20 40 60 80 100 120 140

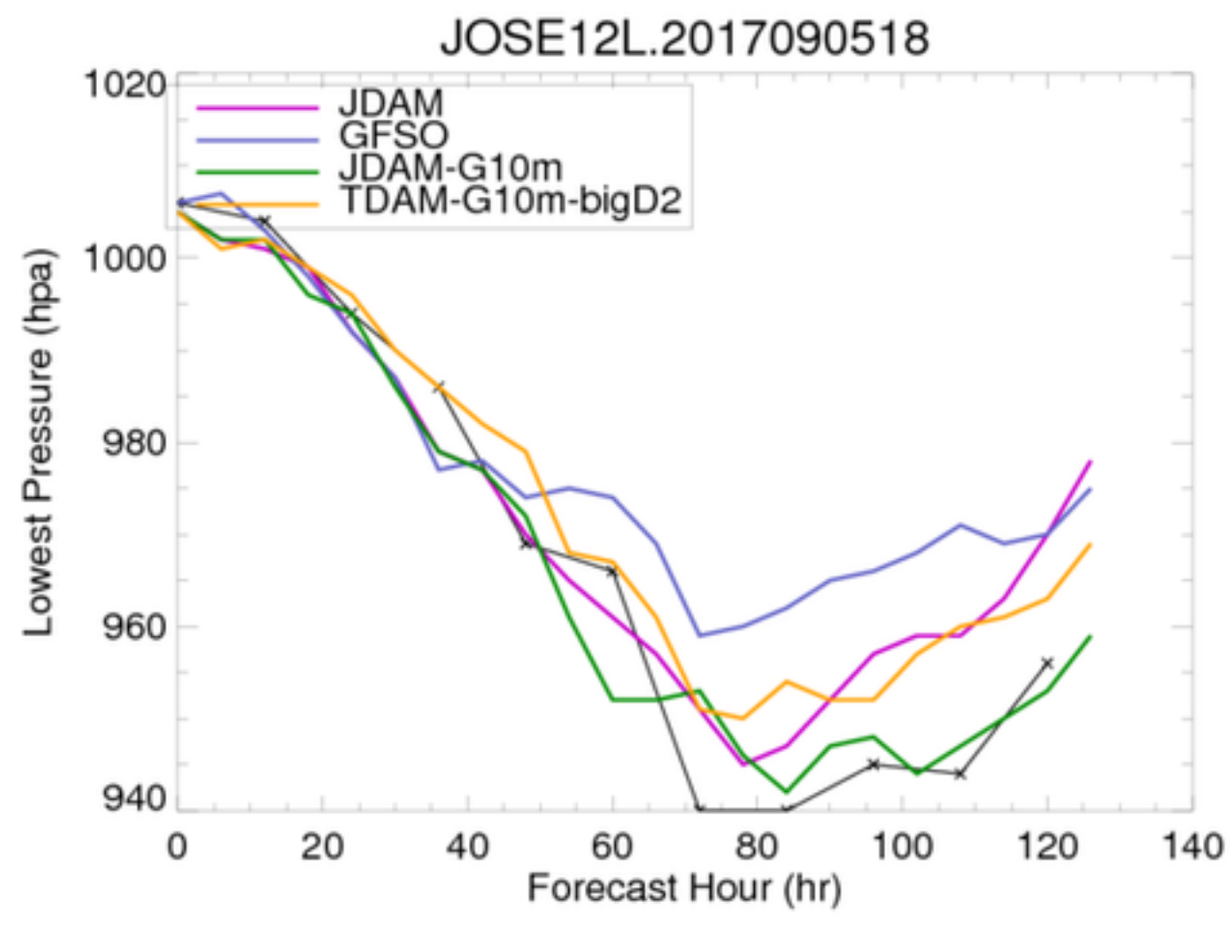

JOSE12L.2017090512
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-68 -64 -60 -56 -52 -48 -44 -40 -36
28 24 20 16 12

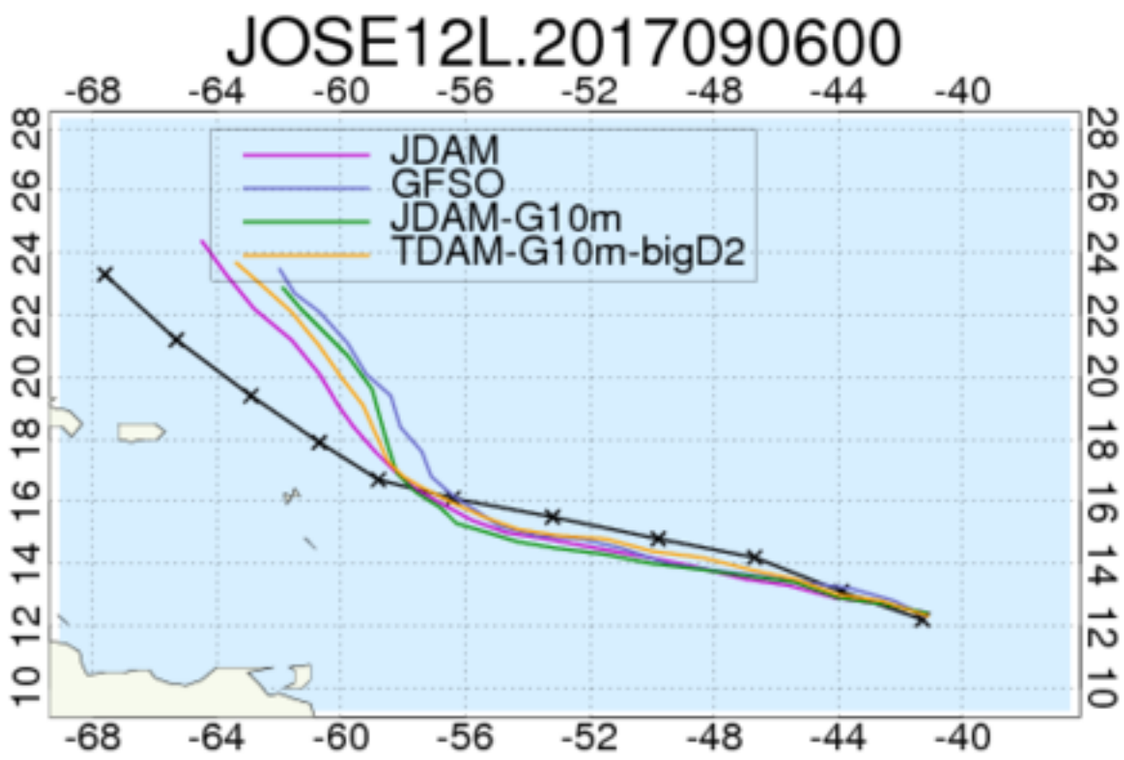

JOSE12L.2017090512
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
20 40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

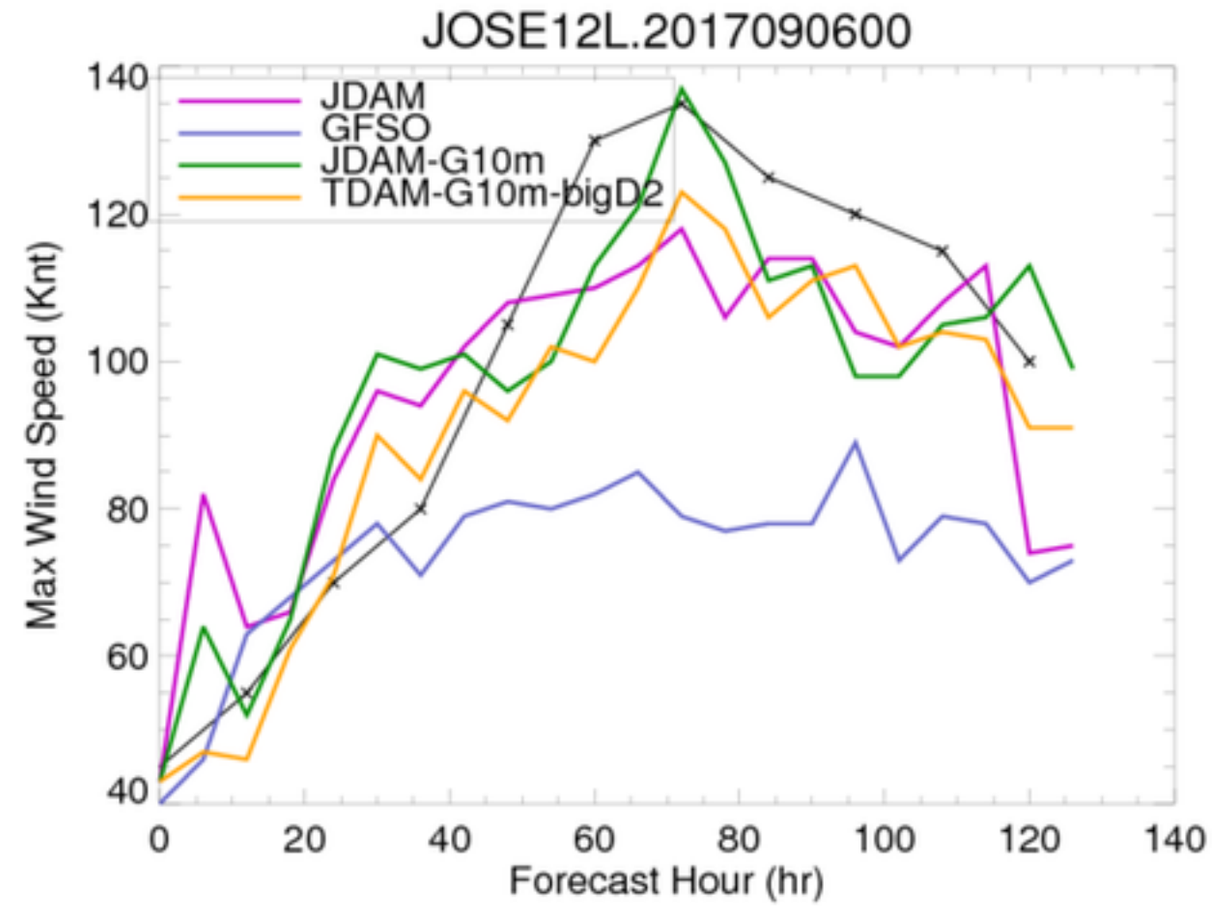

JOSE12L.2017090512
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

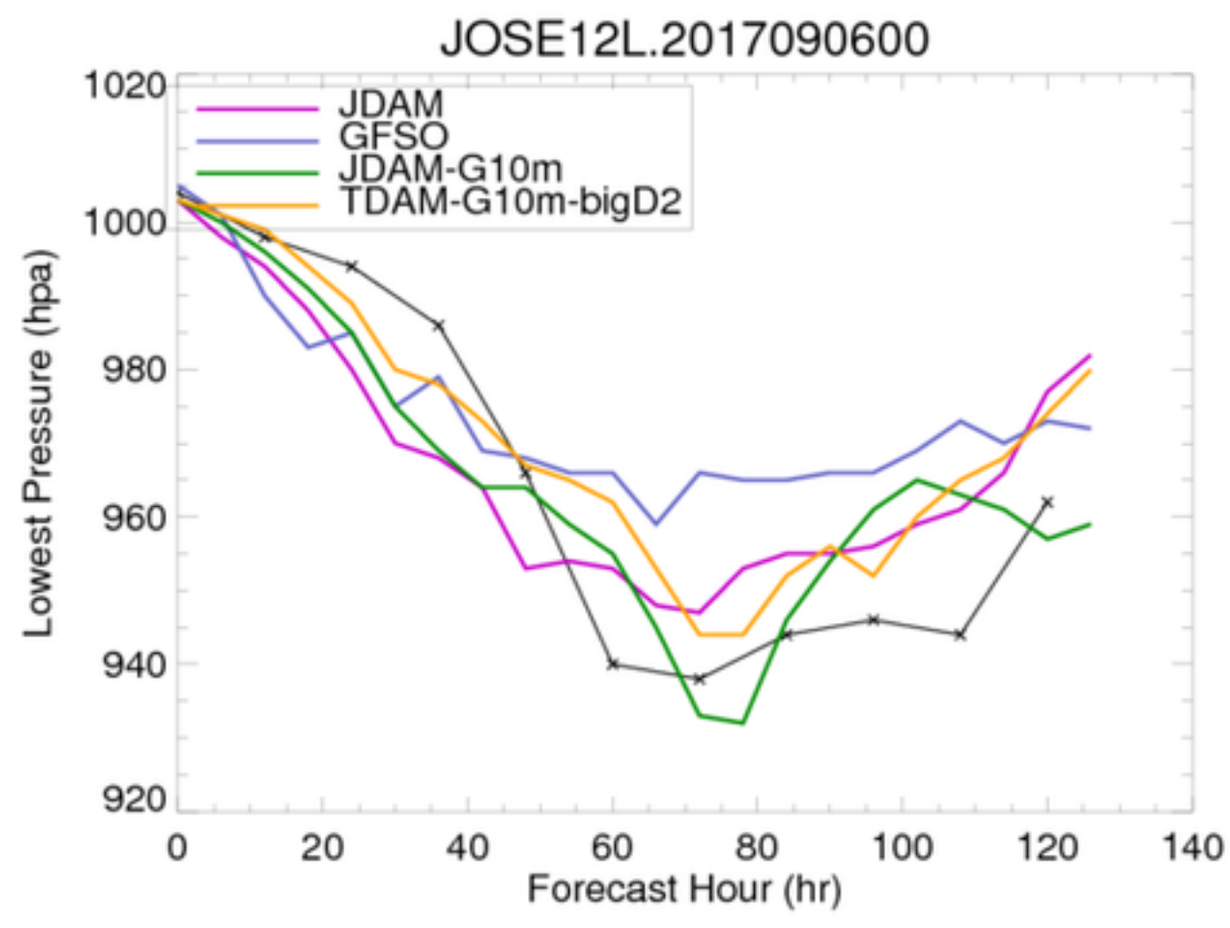

JOSE12L.2017090518
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-64 -60 -56 -52 -48 -44 -40 -36
10 12 14 16 18 20 22 24 26 28

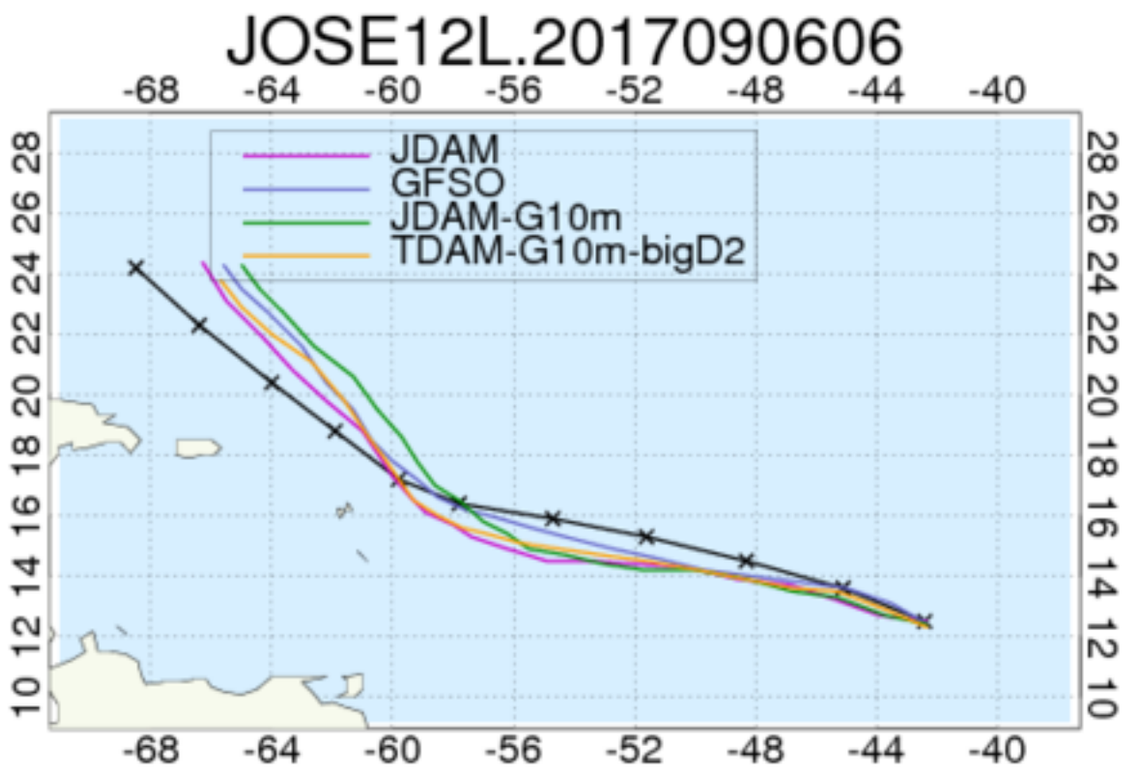

JOSE12L.2017090518
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
20 40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

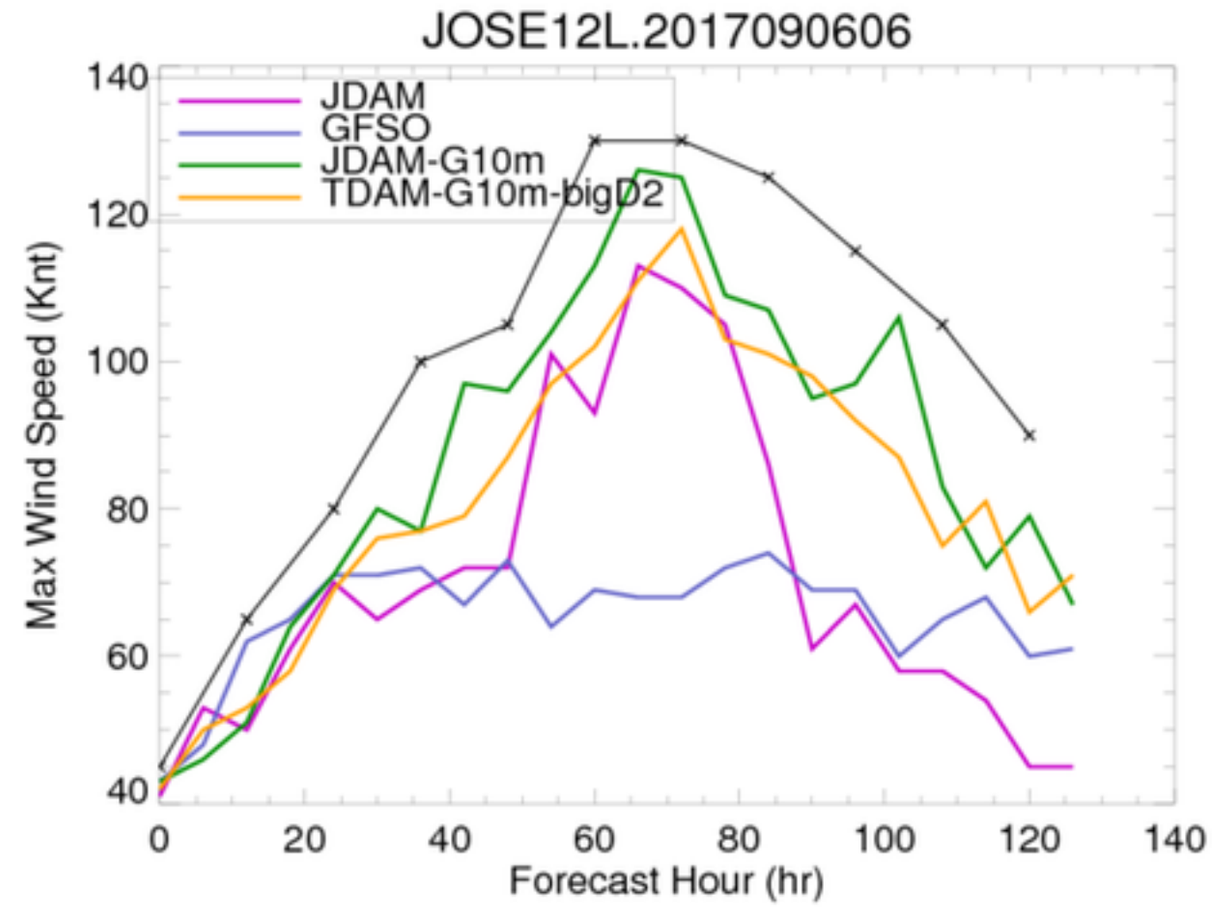

JOSE12L.2017090518
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

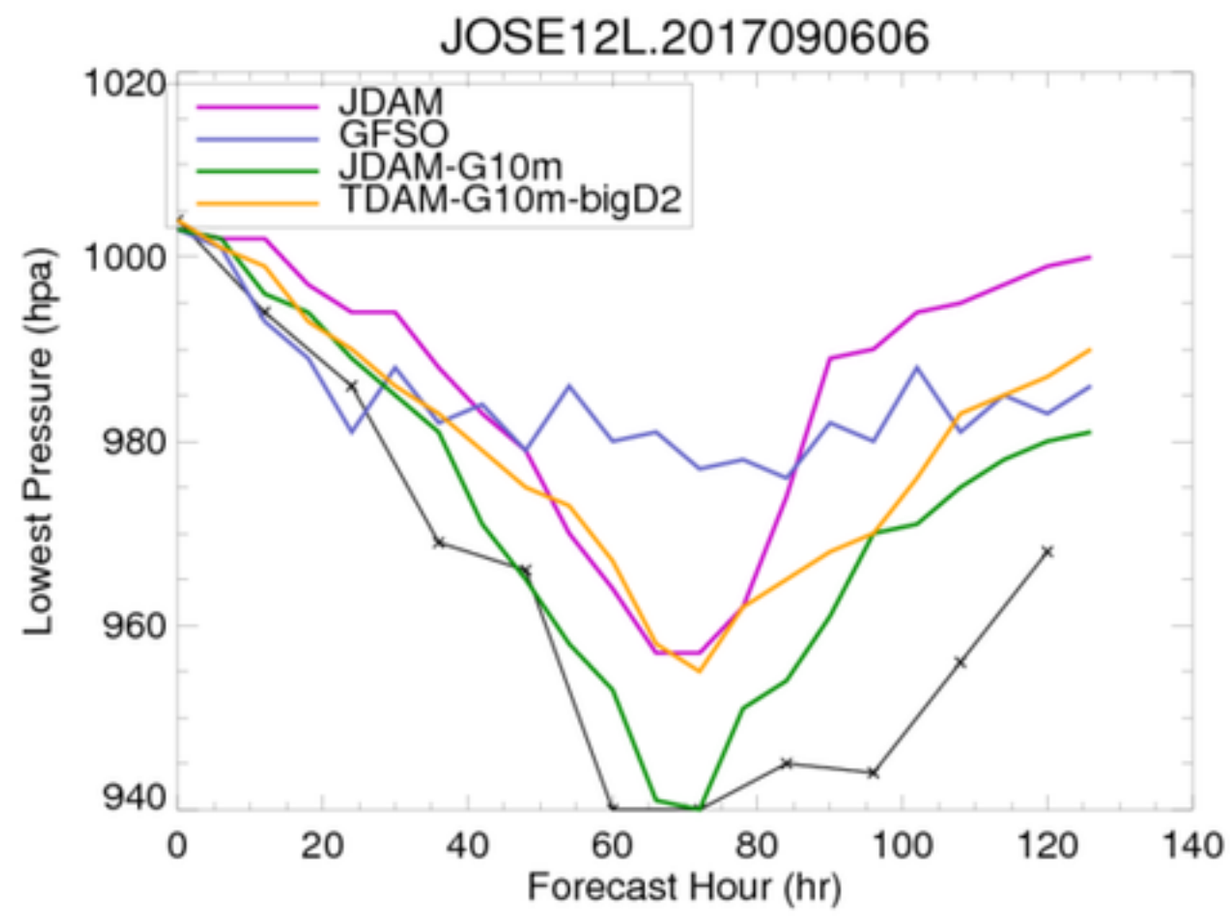

JOSE12L.2017090600
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-68 -64 -60 -56 -52 -48 -44 -40
10 12 14 16 18 20 22 24 26 28

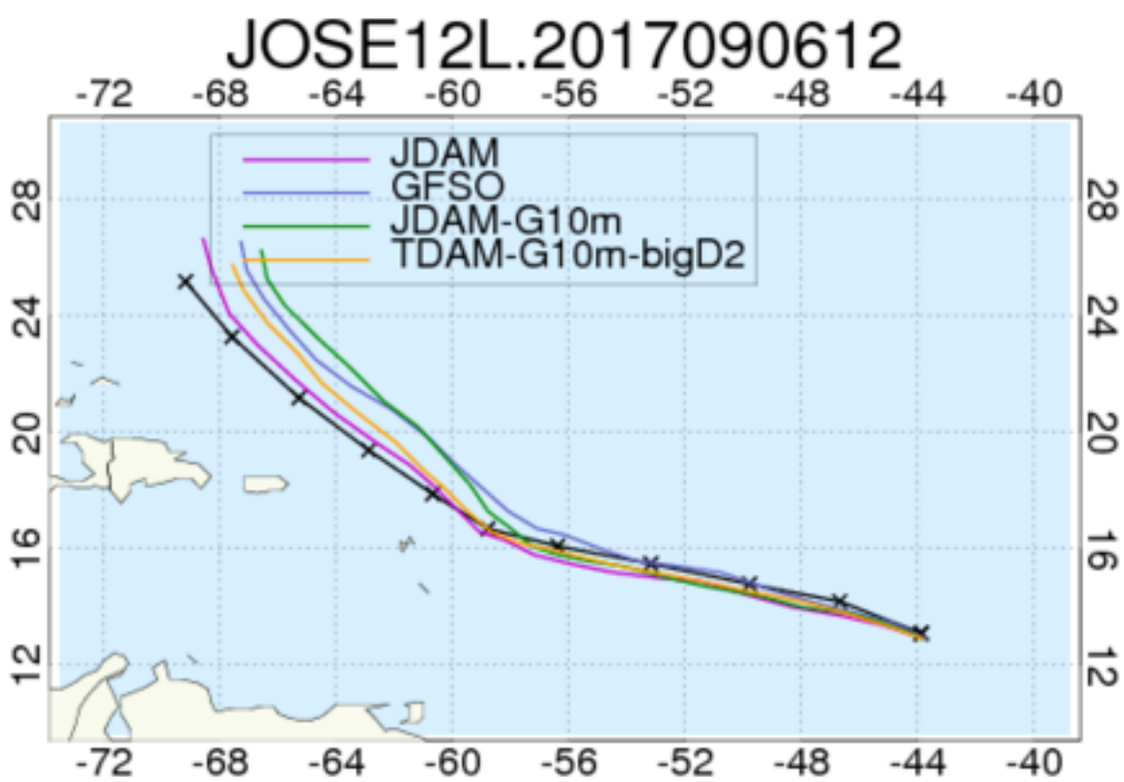

JOSE12L.2017090600
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

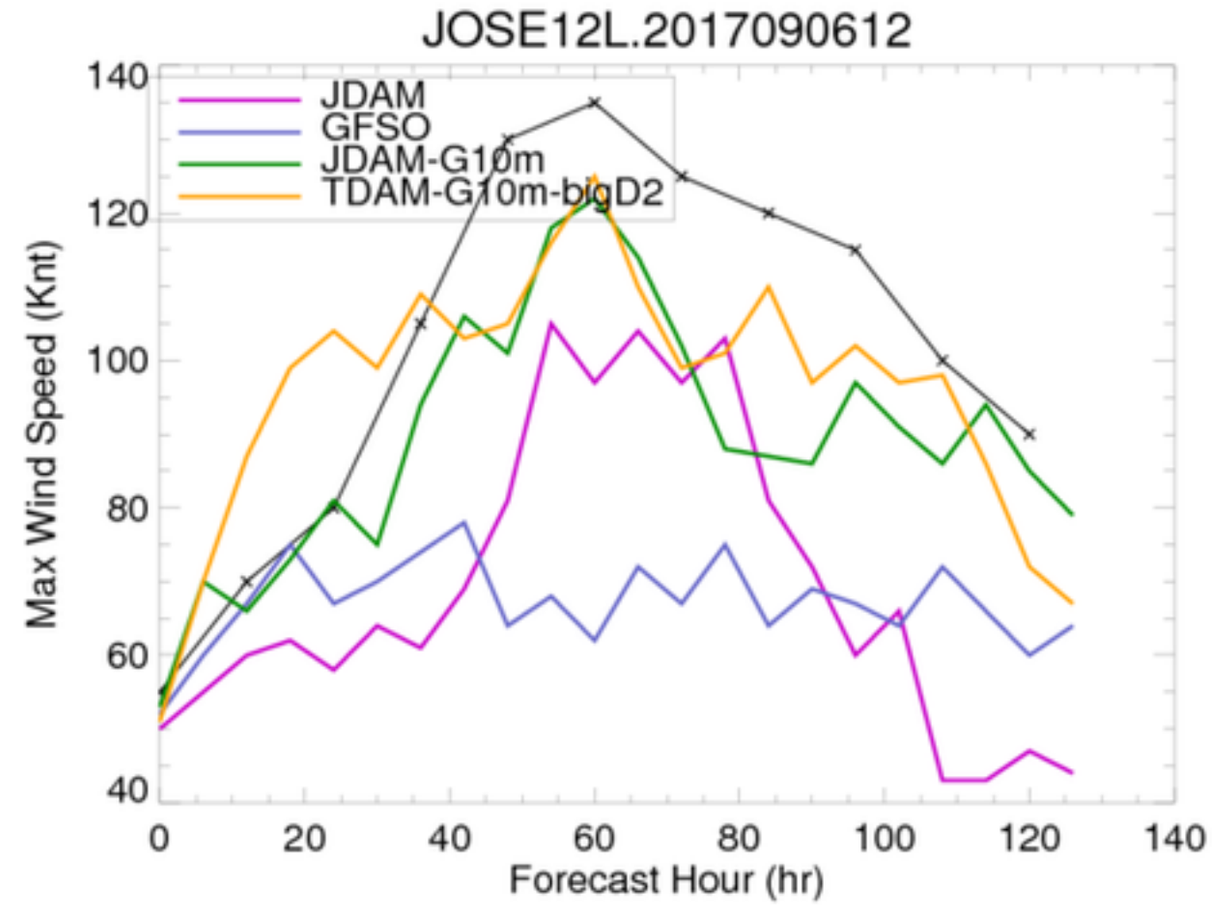

JOSE12L.2017090600
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

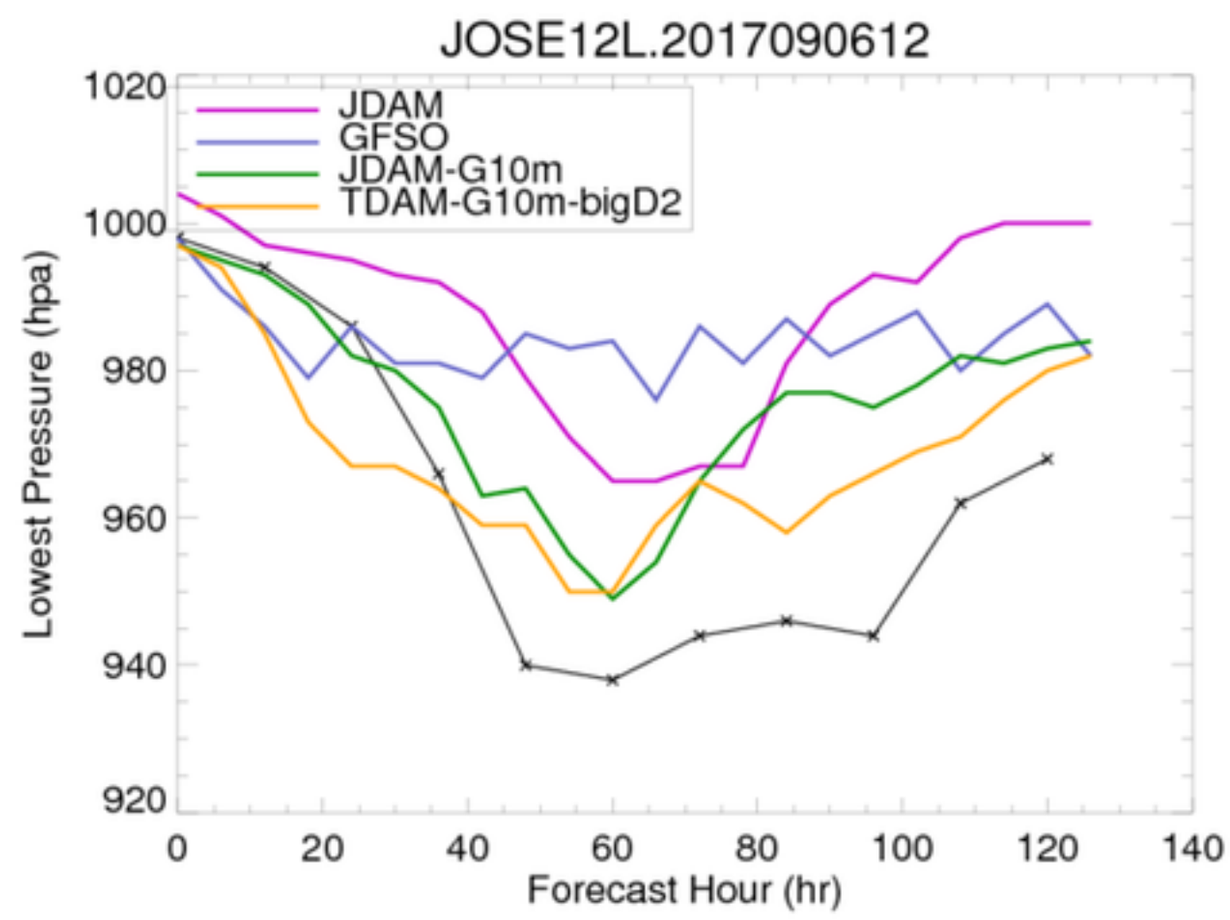

JOSE12L.2017090606
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-68 -64 -60 -56 -52 -48 -44 -40
10 12 14 16 18 20 22 24 26 28

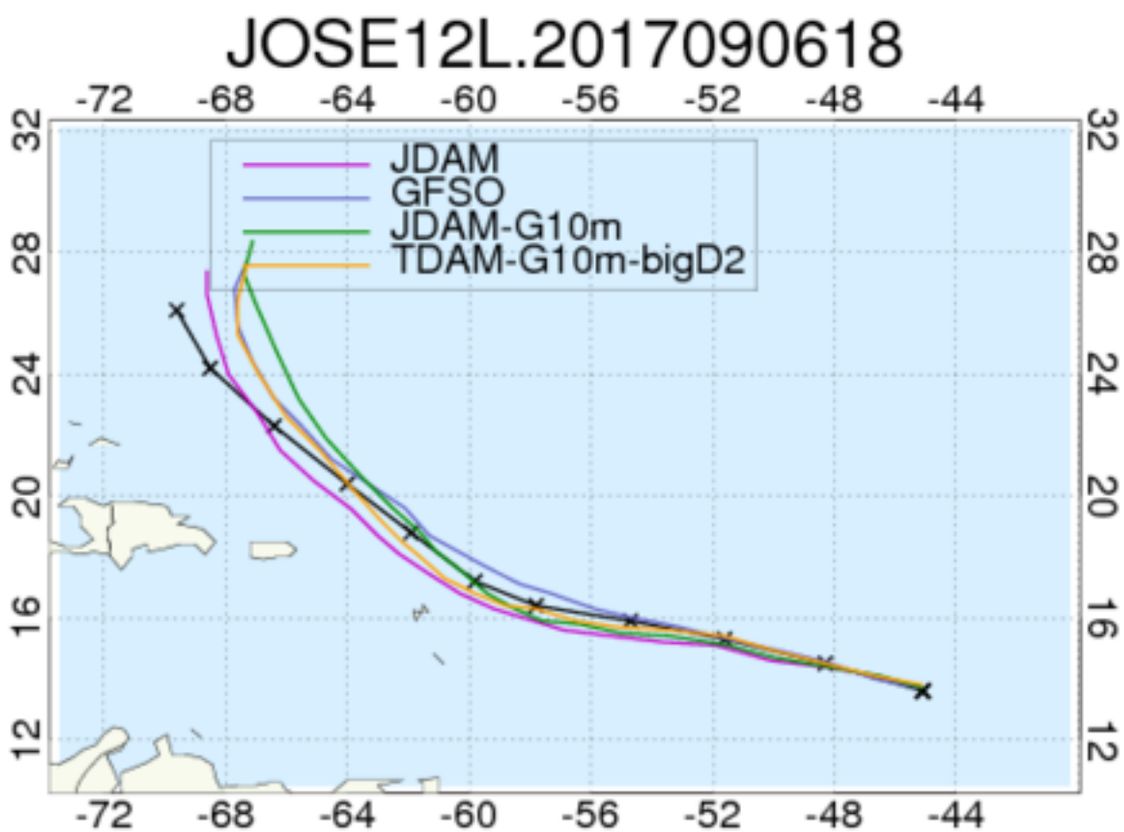

JOSE12L.2017090606
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

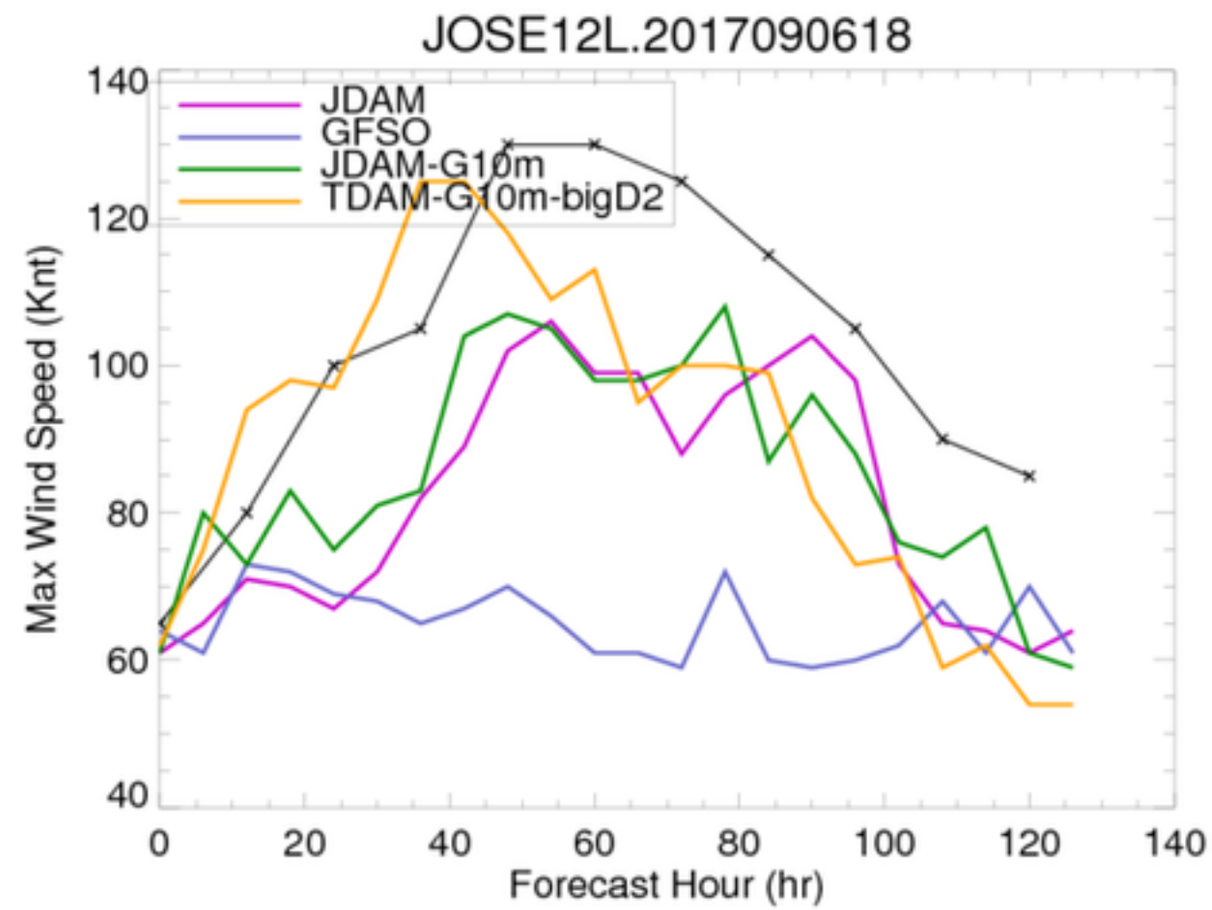

JOSE12L.2017090606
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

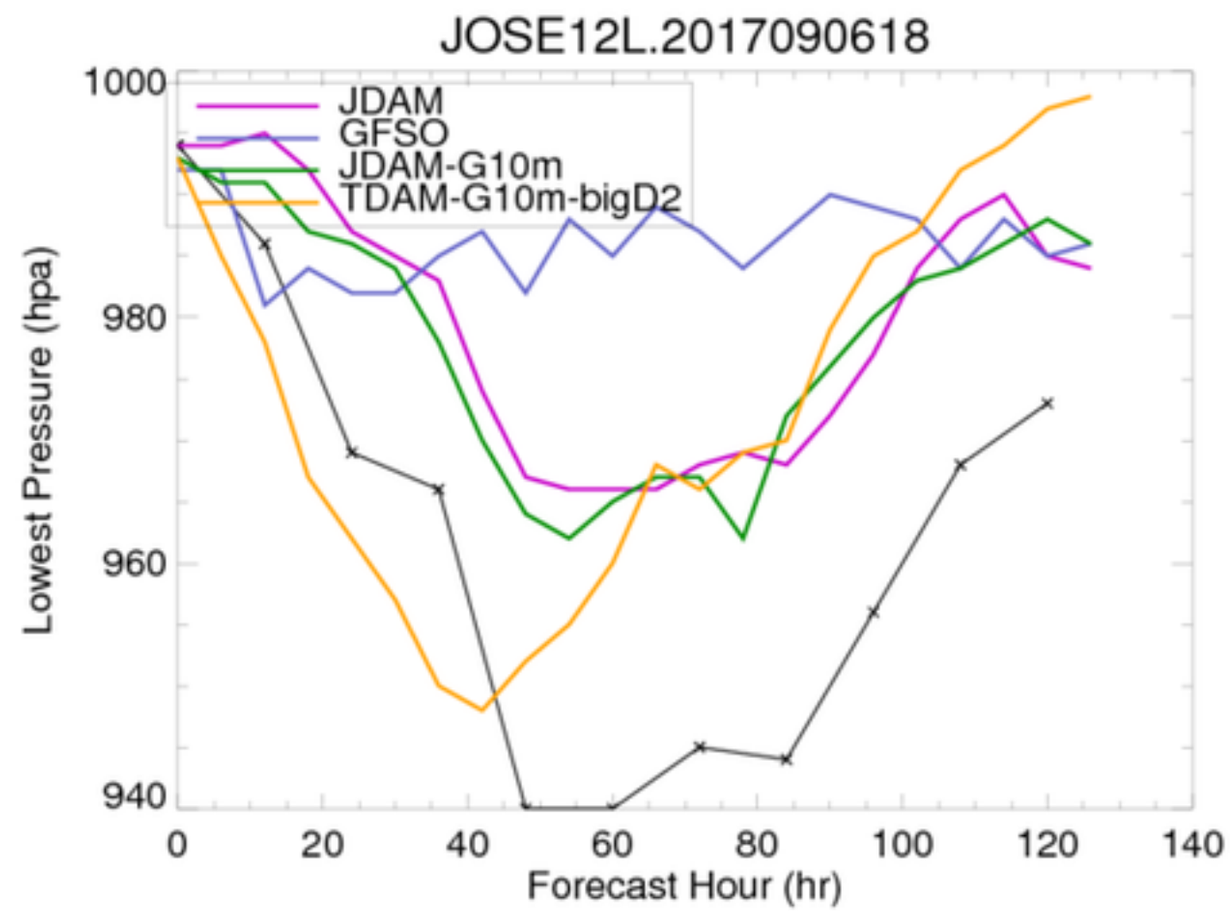

JOSE12L.2017090612
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-72 -68 -64 -60 -56 -52 -48 -44 -40
12 16 20 24 28

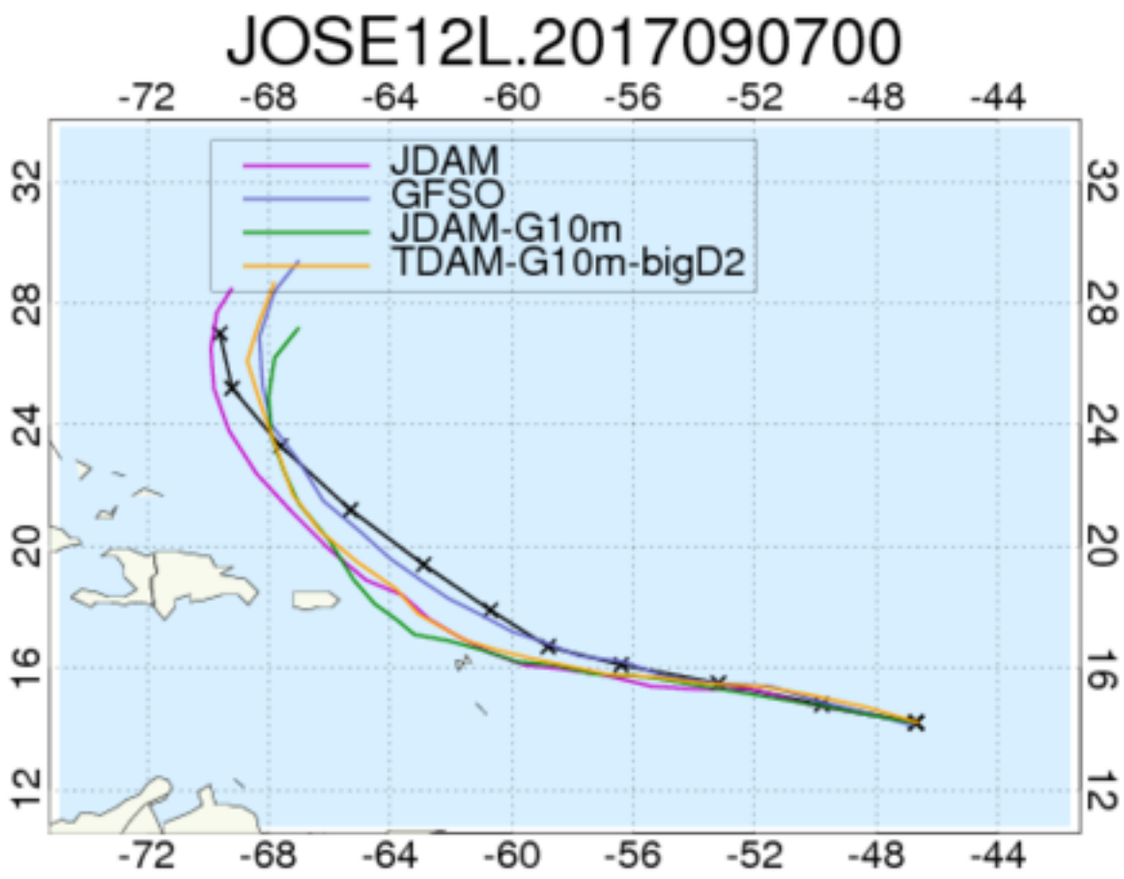

JOSE12L.2017090612
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

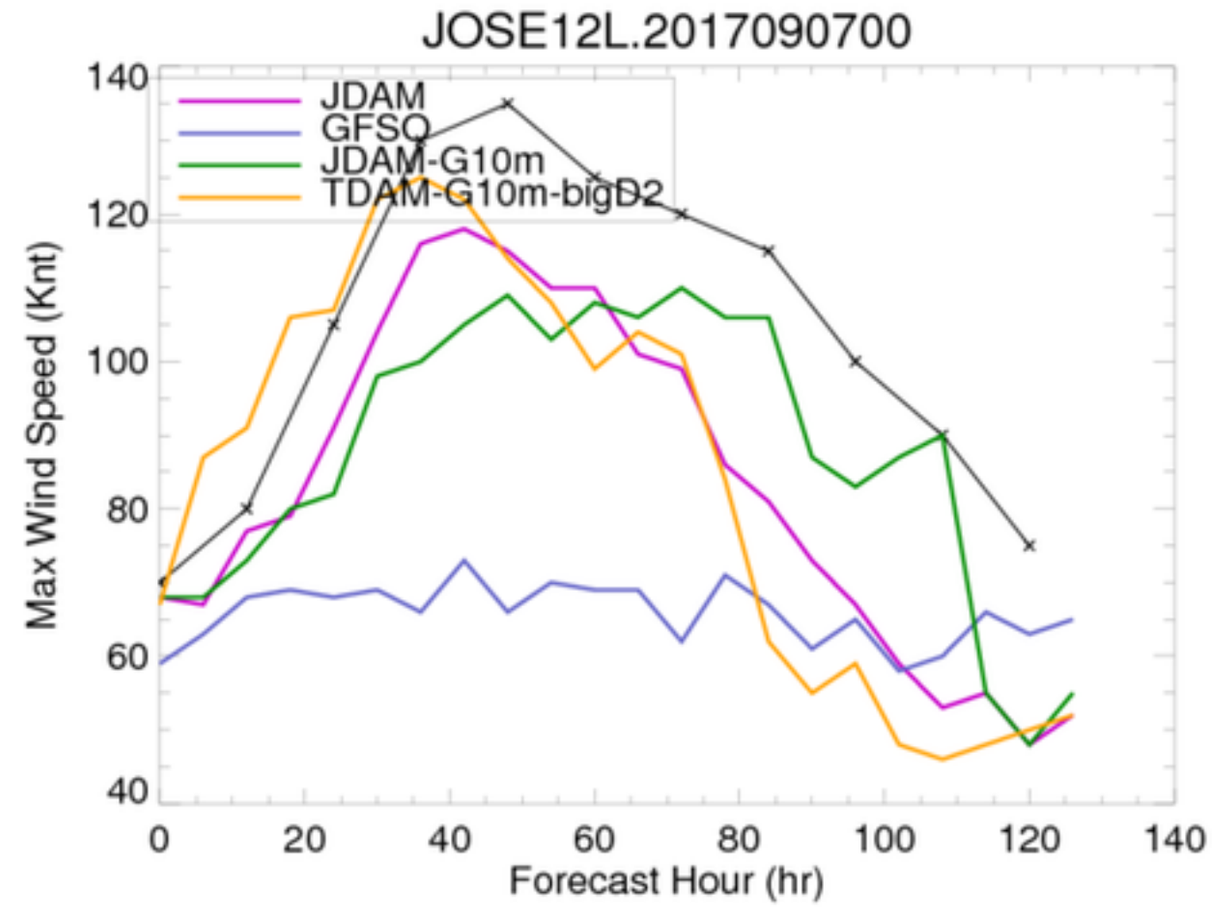

JOSE12L.2017090612
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

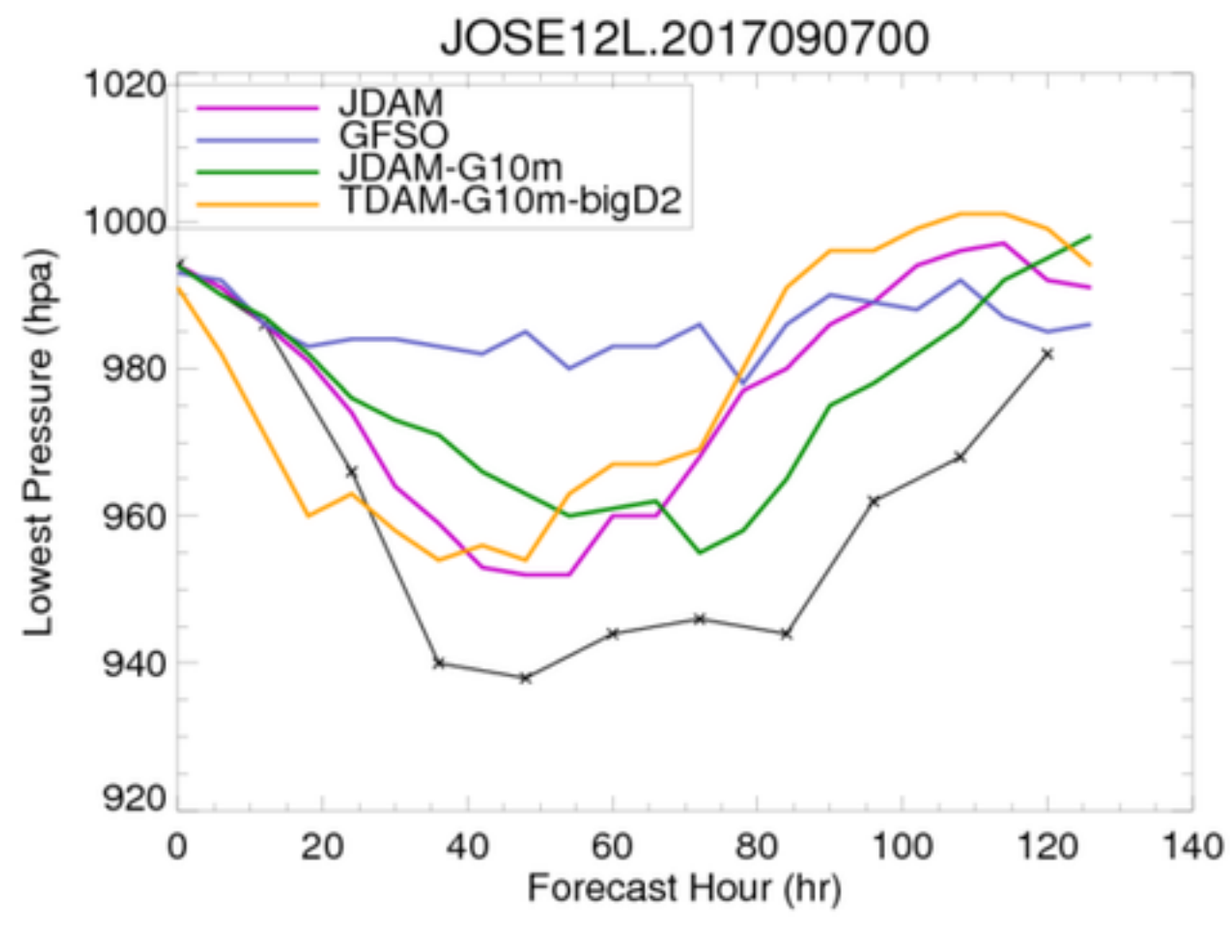

JOSE12L.2017090618
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-72
-68
-64
-60
-56
-52
-48
-44
32
28
24
20
16
12

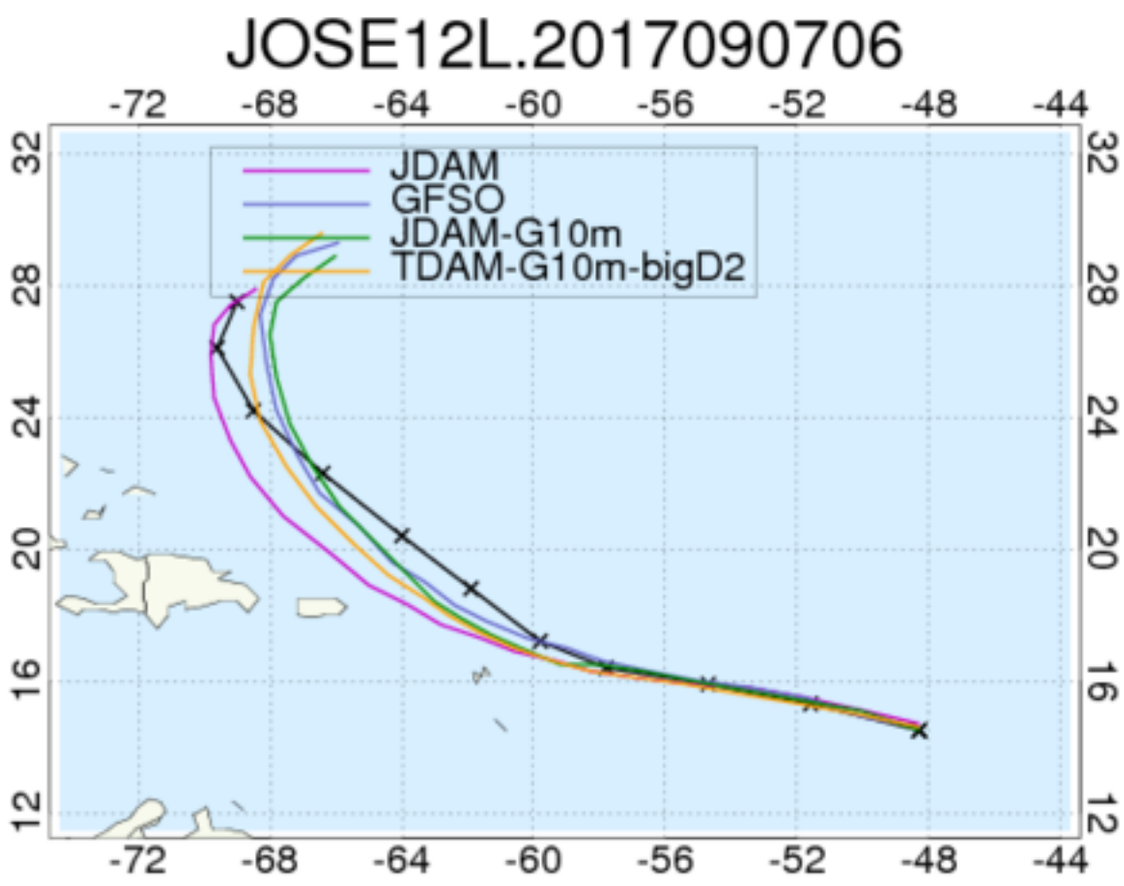

JOSE12L.2017090618
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
140
120
100
80
60
40
0
20
40
60
80
100
120
140

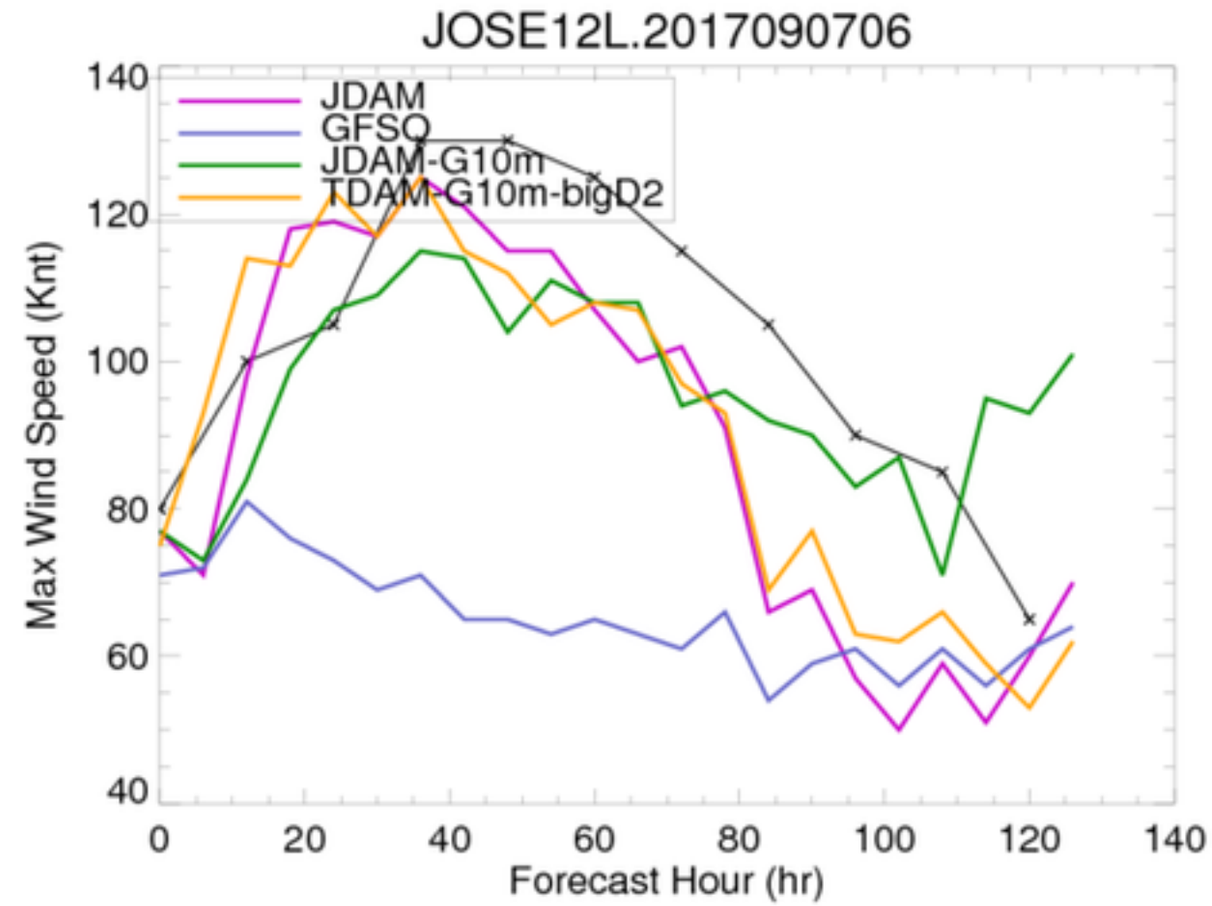

JOSE12L.2017090618
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1000
980
960
940
0
20
40
60
80
100
120
140

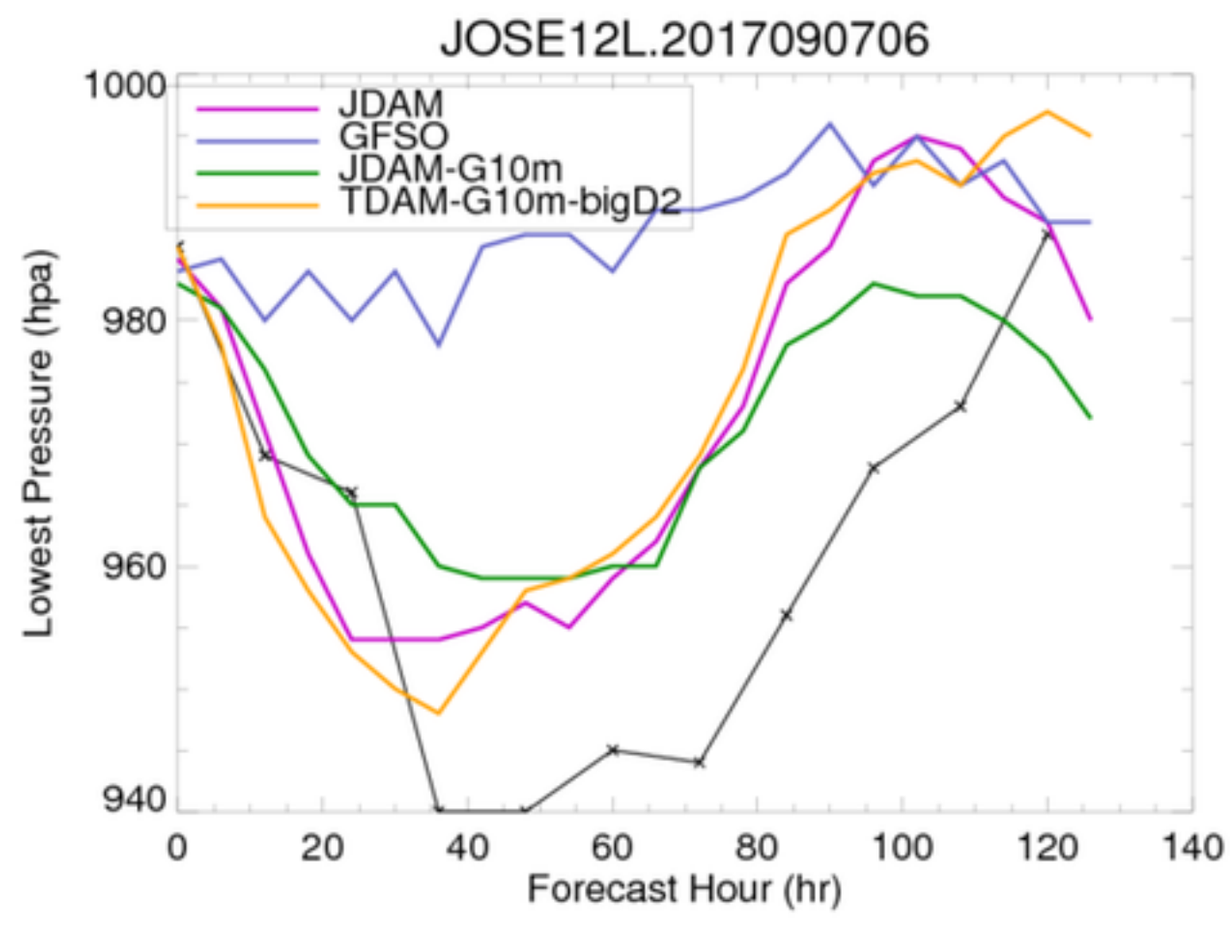

JOSE12L.2017090700
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-72 -68 -64 -60 -56 -52 -48 -44
12 16 20 24 28 32

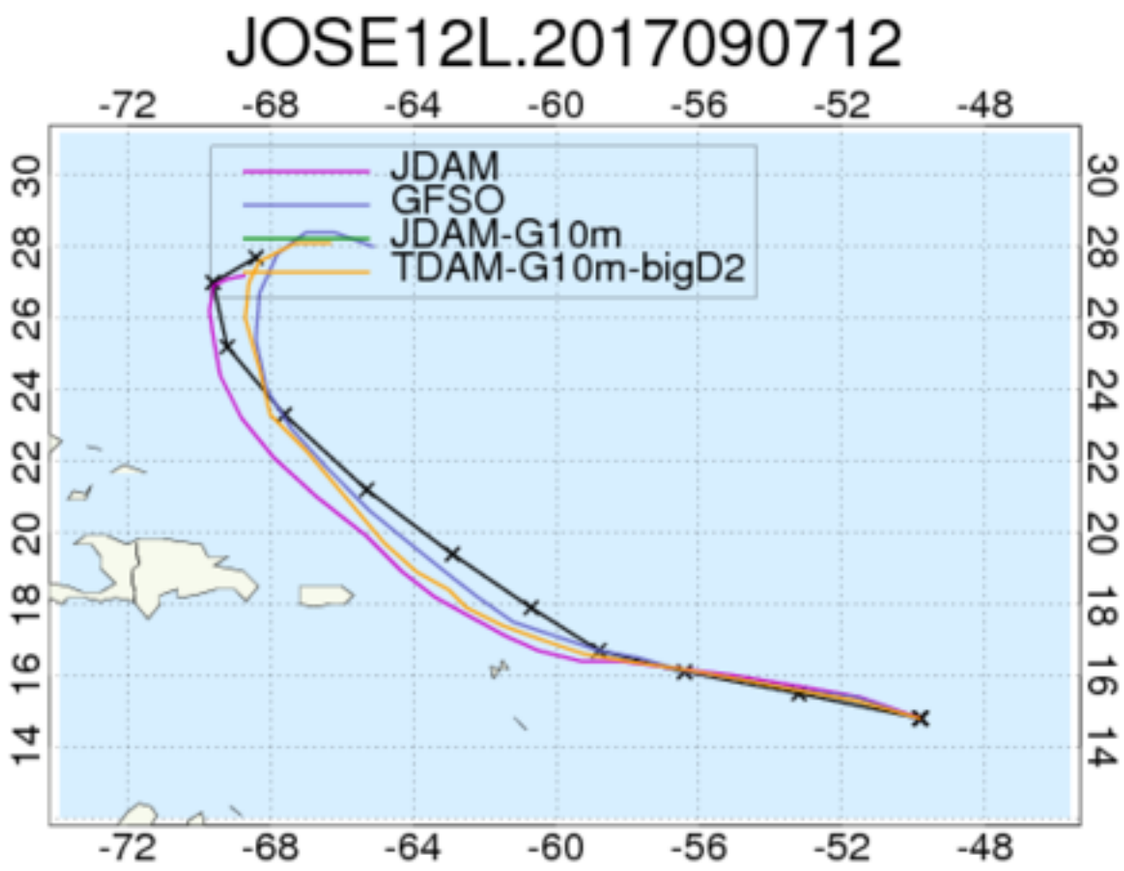

JOSE12L.2017090700
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

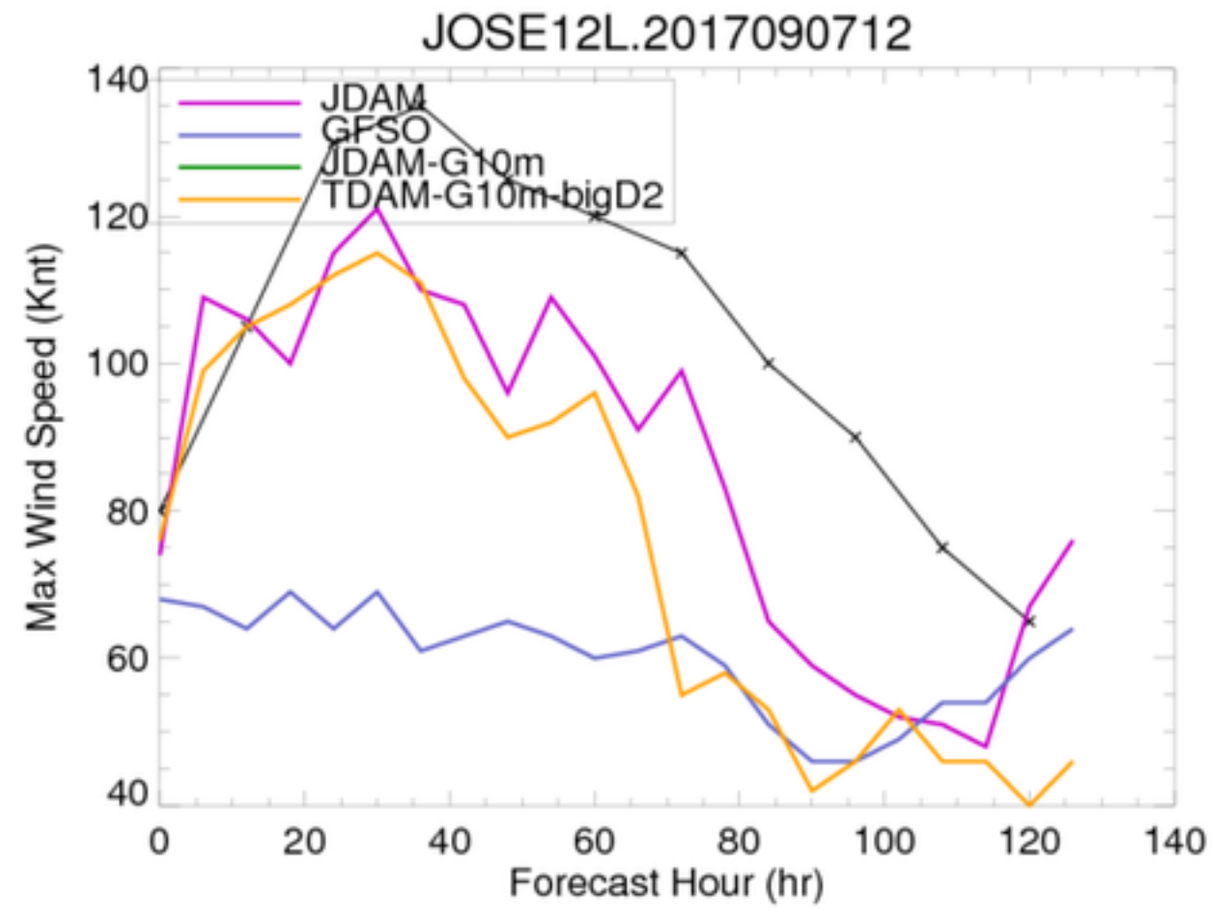

JOSE12L.2017090700
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

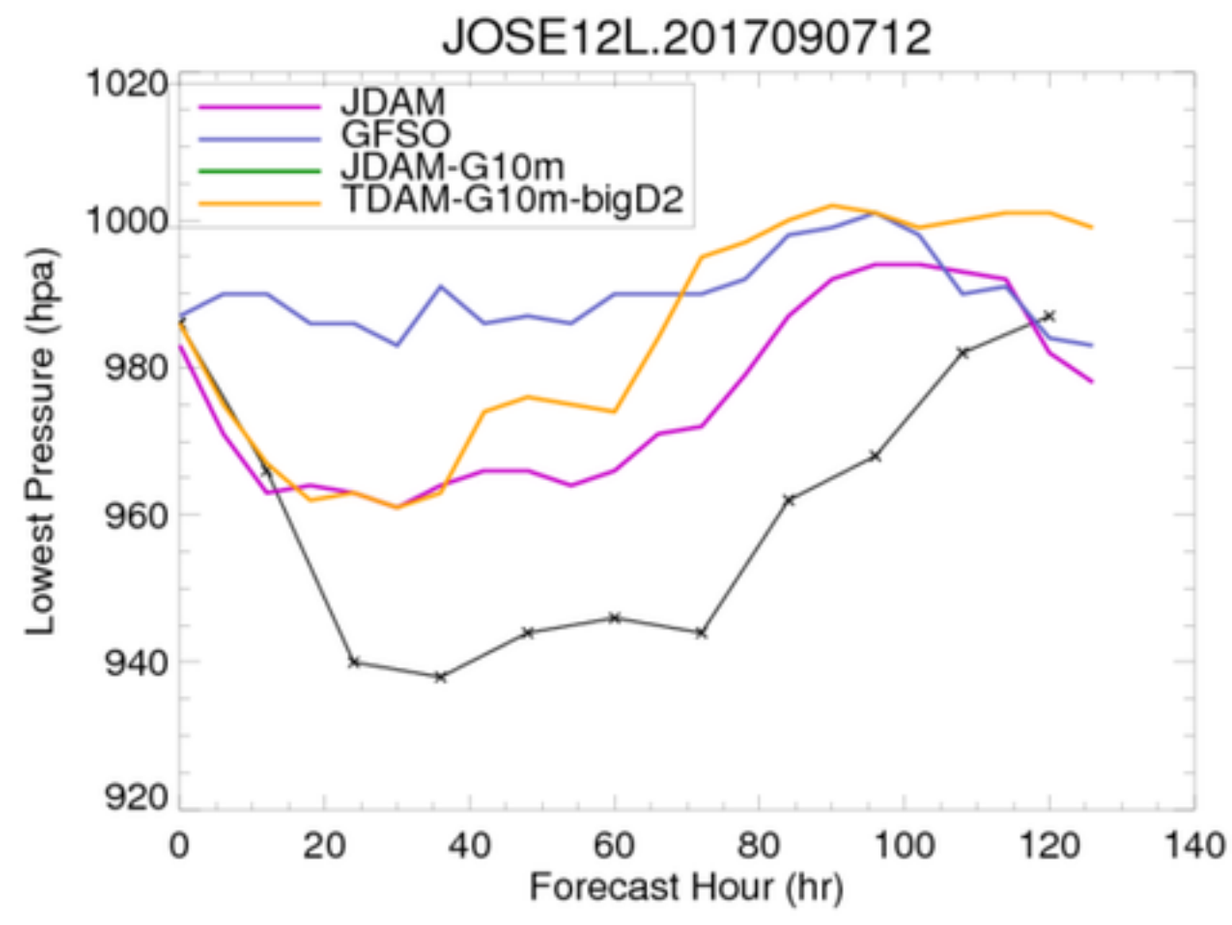

JOSE12L.2017090706
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-72 -68 -64 -60 -56 -52 -48 -44
12 16 20 24 28 32

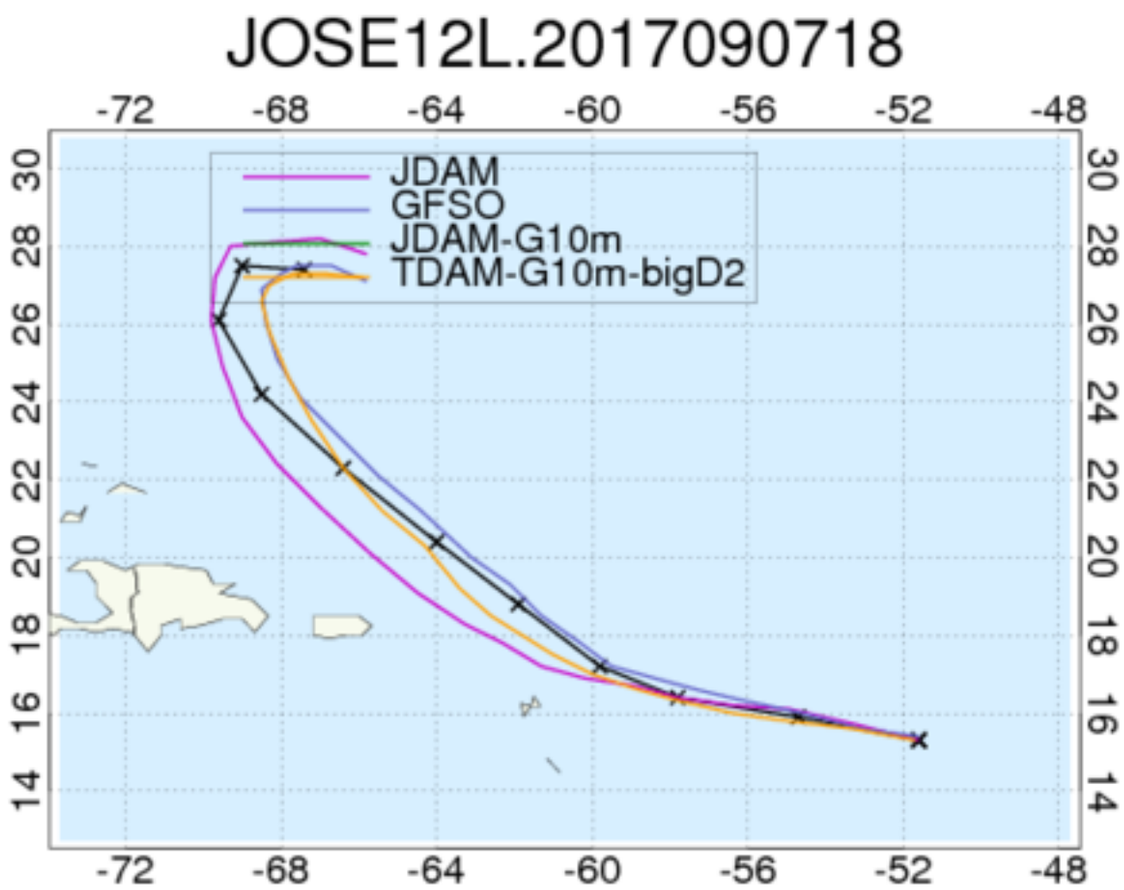

JOSE12L.2017090706
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
40 60 80 100 120 140
0 20 40 60 80 100 120 140

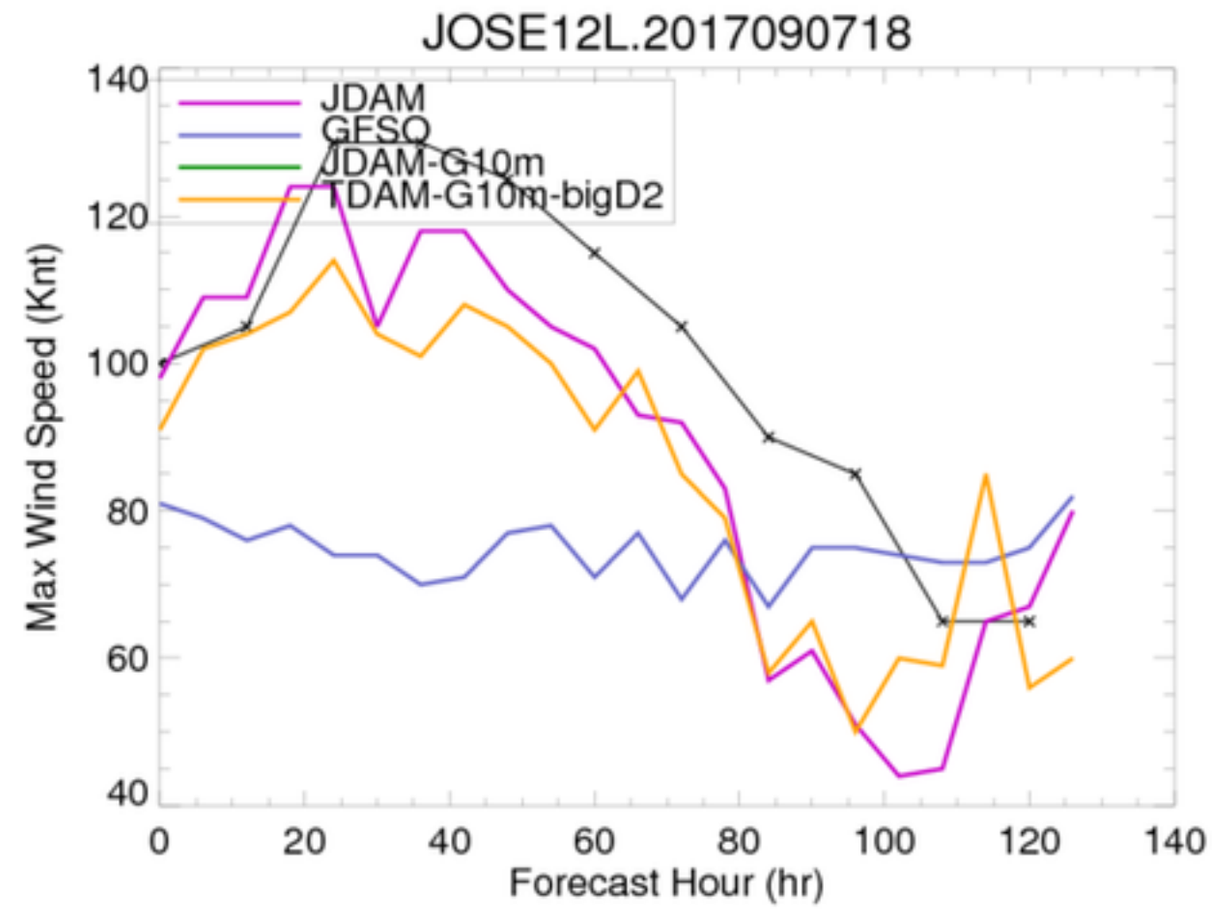

JOSE12L.2017090706
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
940 960 980 1000
0 20 40 60 80 100 120 140

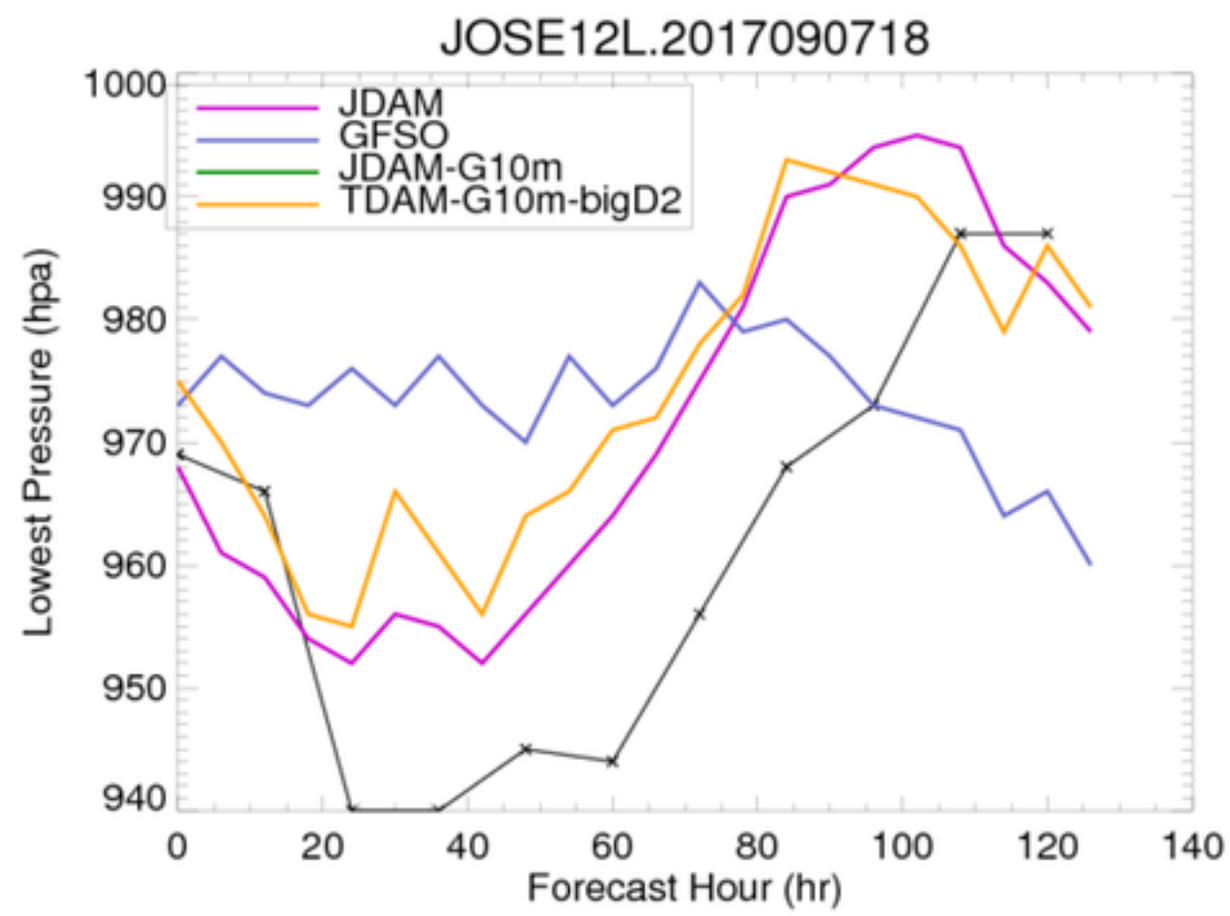

JOSE12L.2017090712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-72 -68 -64 -60 -56 -52 -48
14 16 18 20 22 24 26 28 30

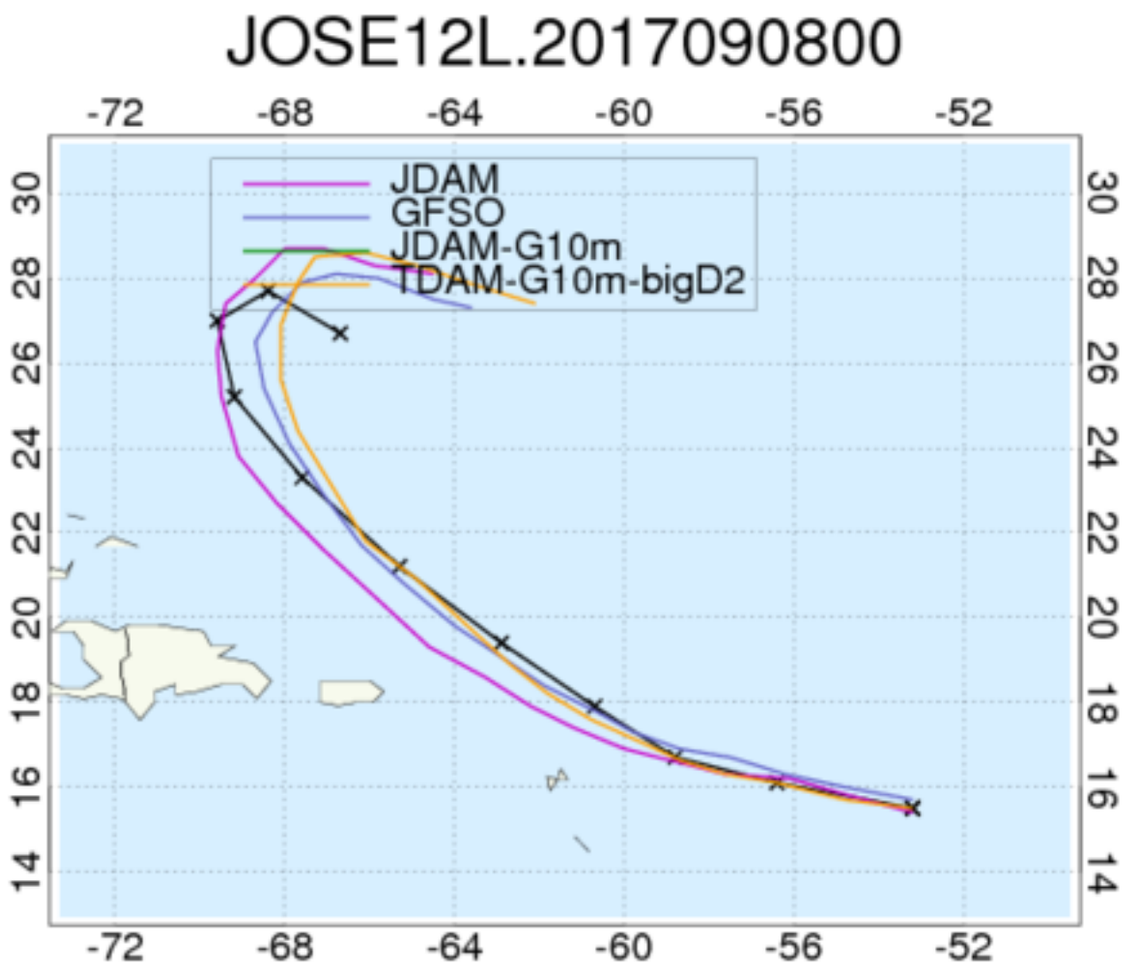

JOSE12L.2017090712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

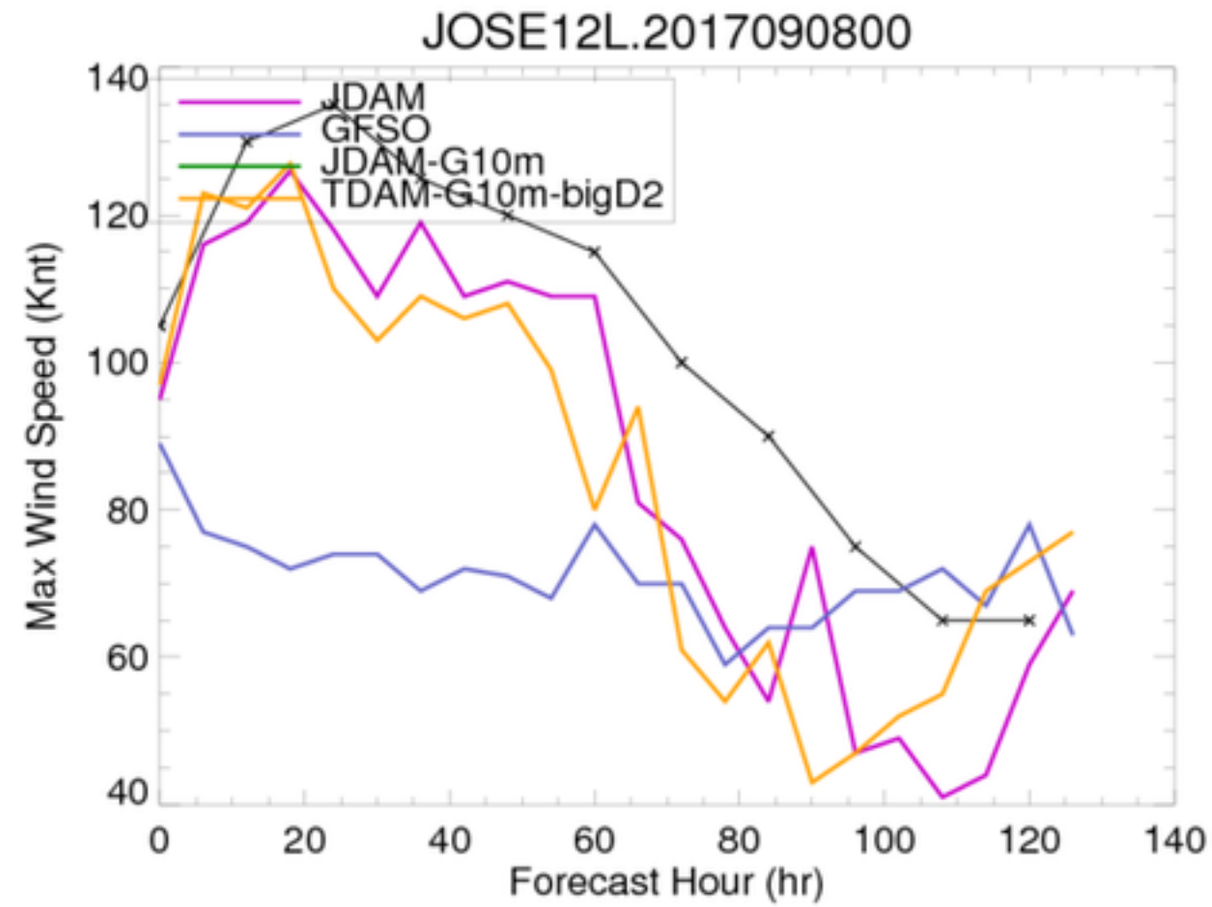

JOSE12L.2017090712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

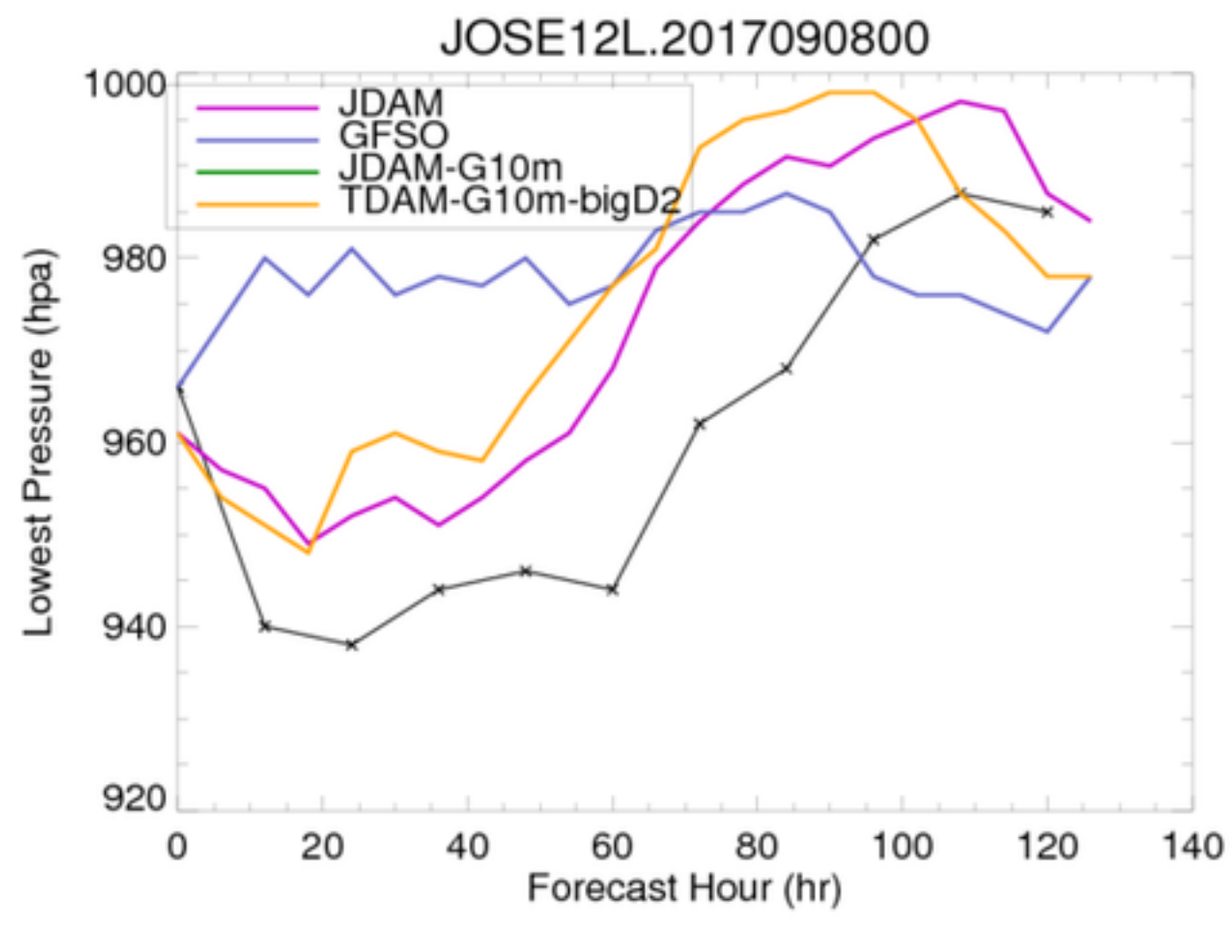

JOSE12L.2017090718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-72
-68
-64
-60
-56
-52
-48
30
28
26
24
22
20
18
16
14

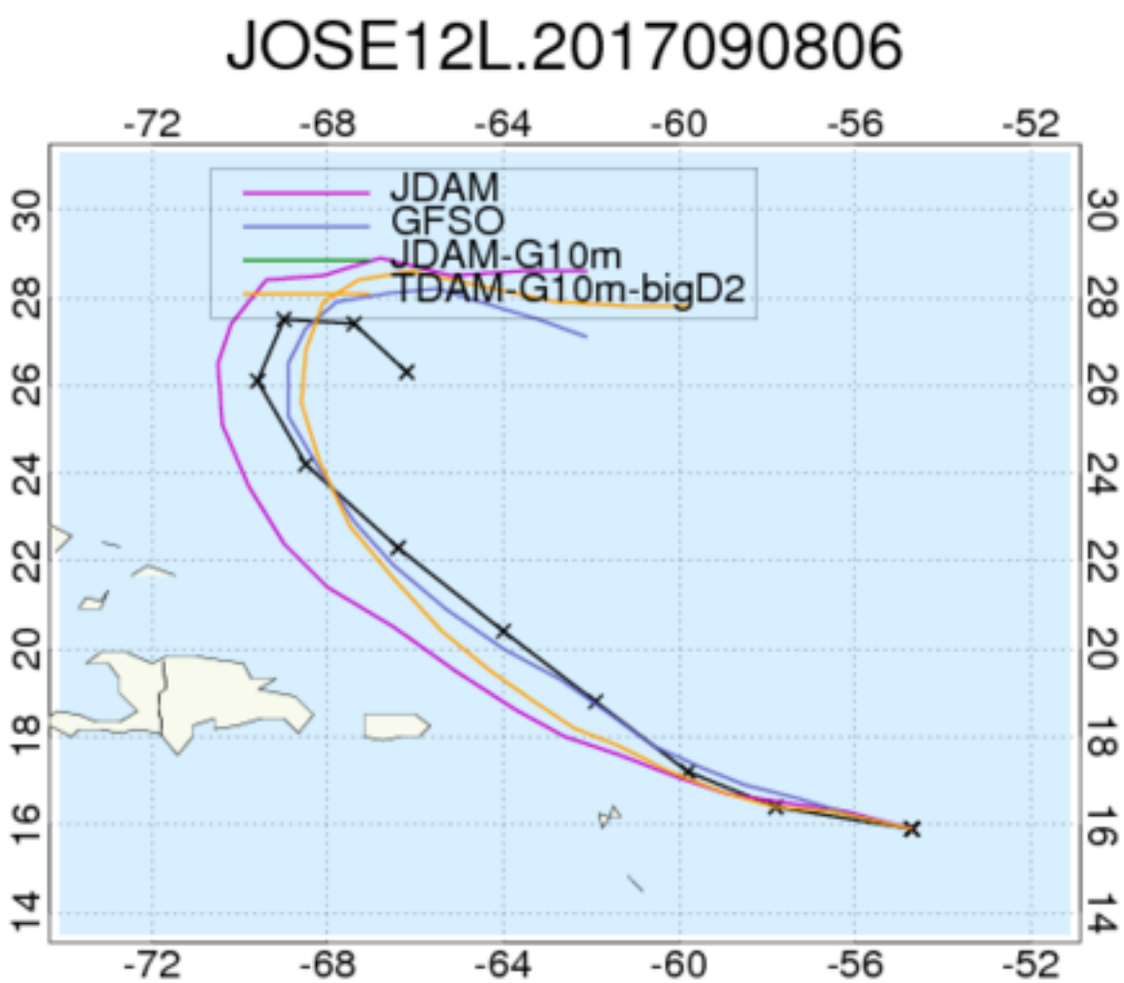

JOSE12L.2017090718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
140
120
100
80
60
40
0
20
40
60
80
100
120
140

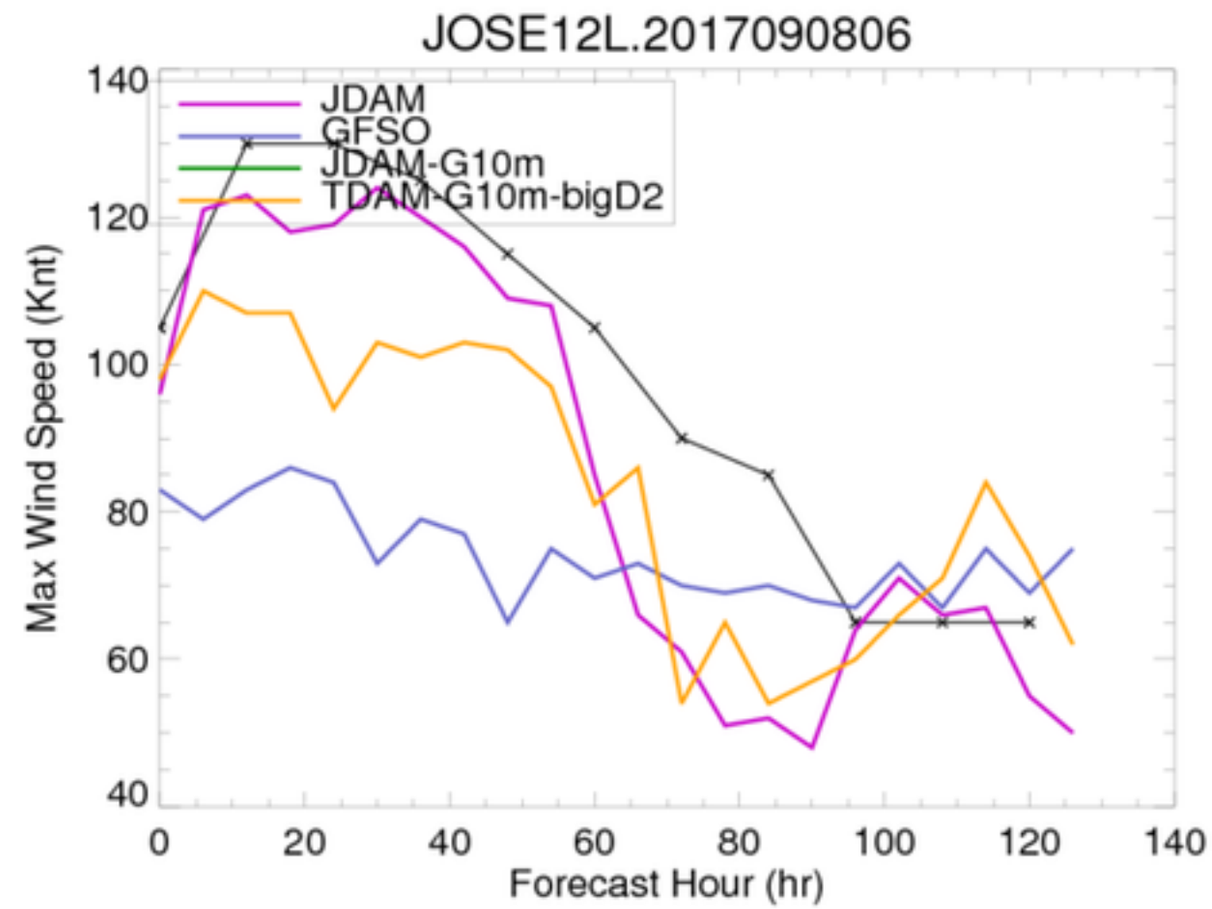

JOSE12L.2017090718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1000
990
980
970
960
950
940
0
20
40
60
80
100
120
140

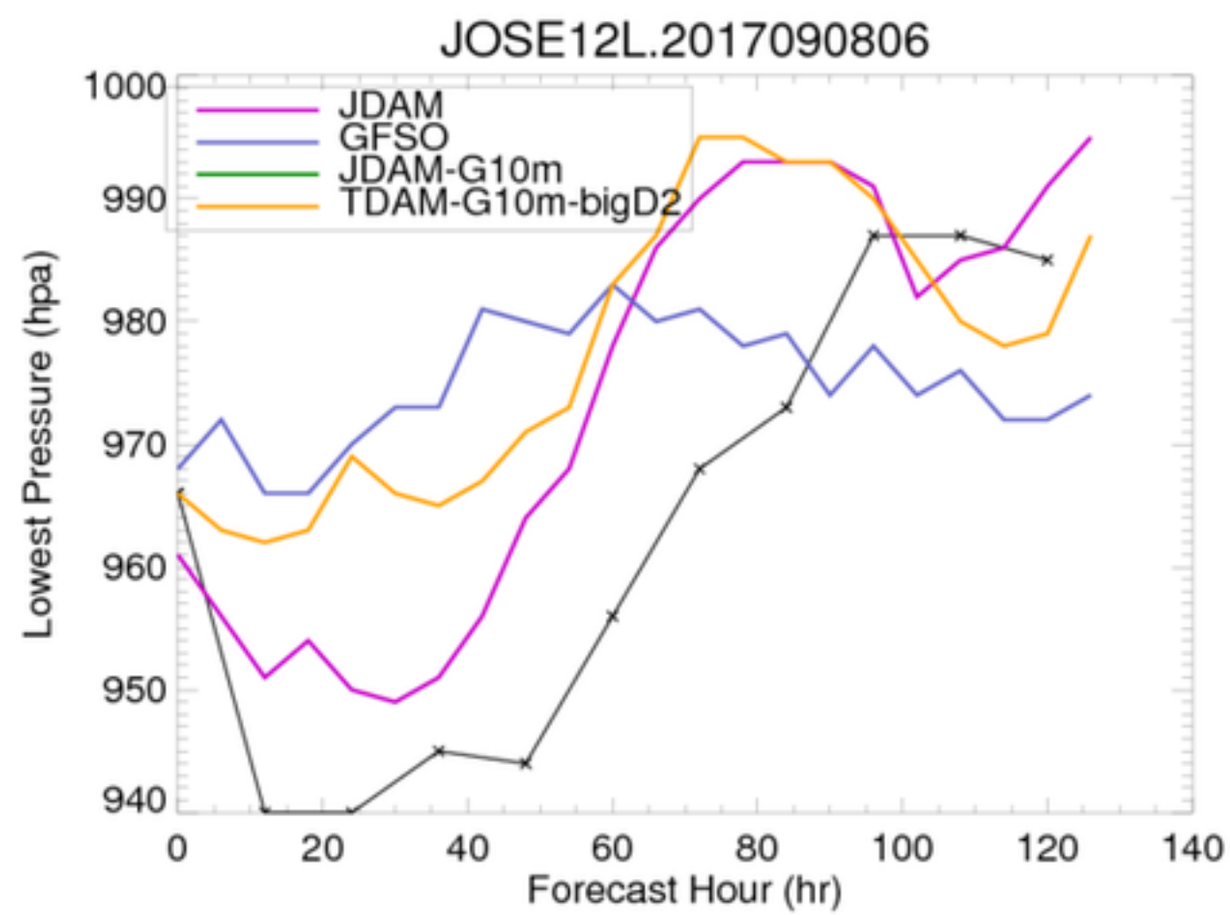

JOSE12L.2017090800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-72
-68
-64
-60
-56
-52
30
28
26
24
22
20
18
16
14

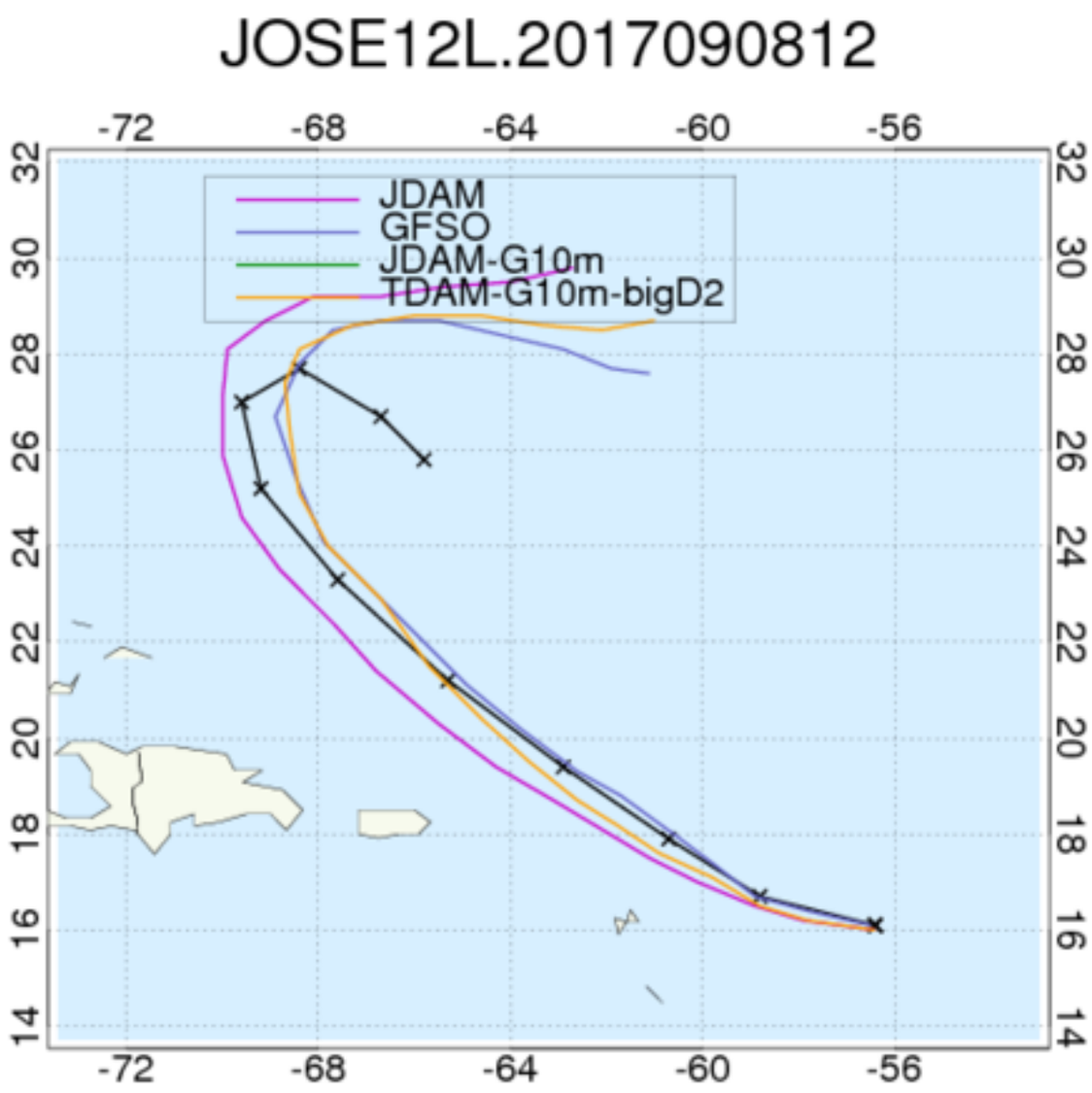

JOSE12L.2017090800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
140
120
100
80
60
40
0
20
40
60
80
100
120
140

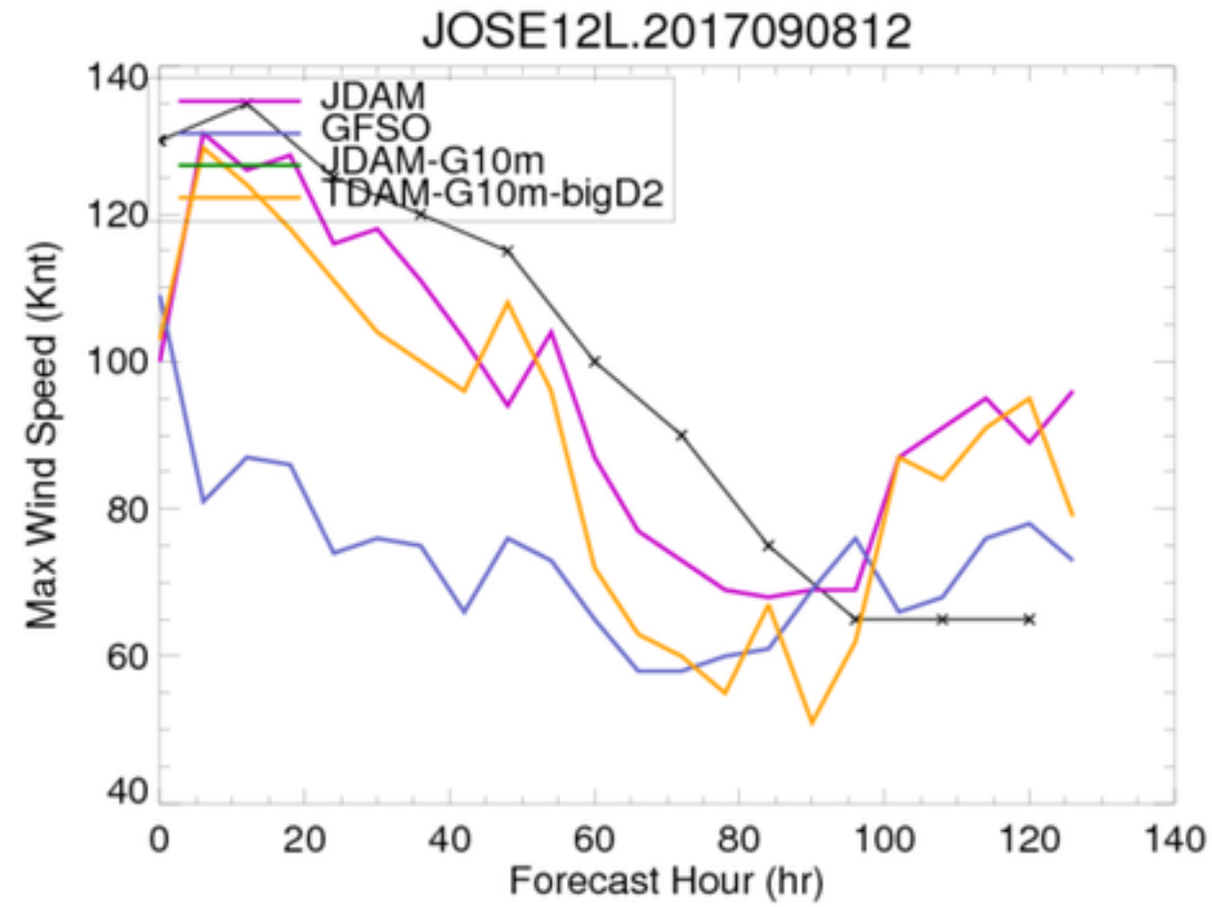

JOSE12L.2017090800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1000
980
960
940
920
0
20
40
60
80
100
120
140

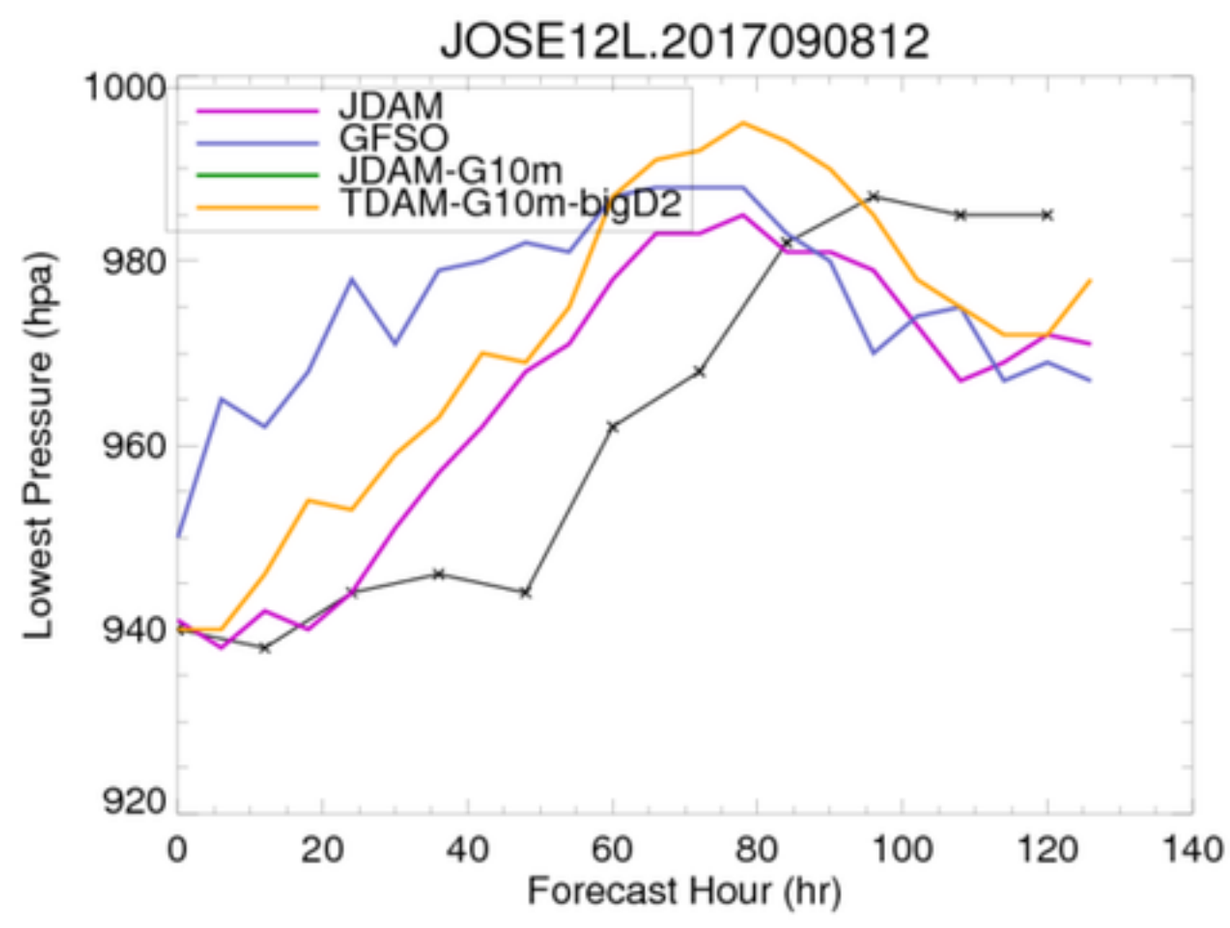

JOSE12L.2017090806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-72
-68
-64
-60
-56
-52
30
28
26
24
22
20
18
16
14

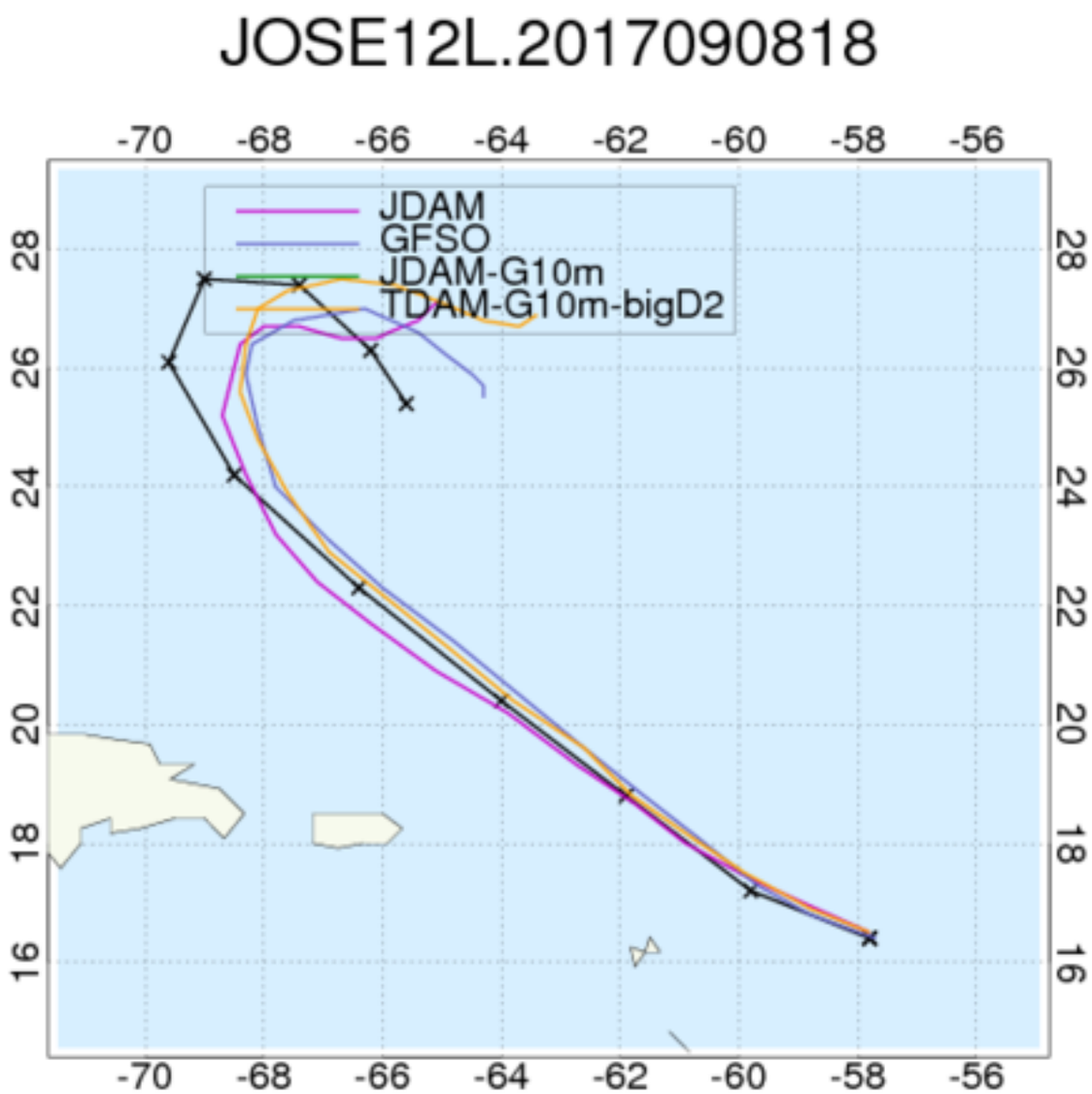

JOSE12L.2017090806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
140
120
100
80
60
40
0
20
40
60
80
100
120
140

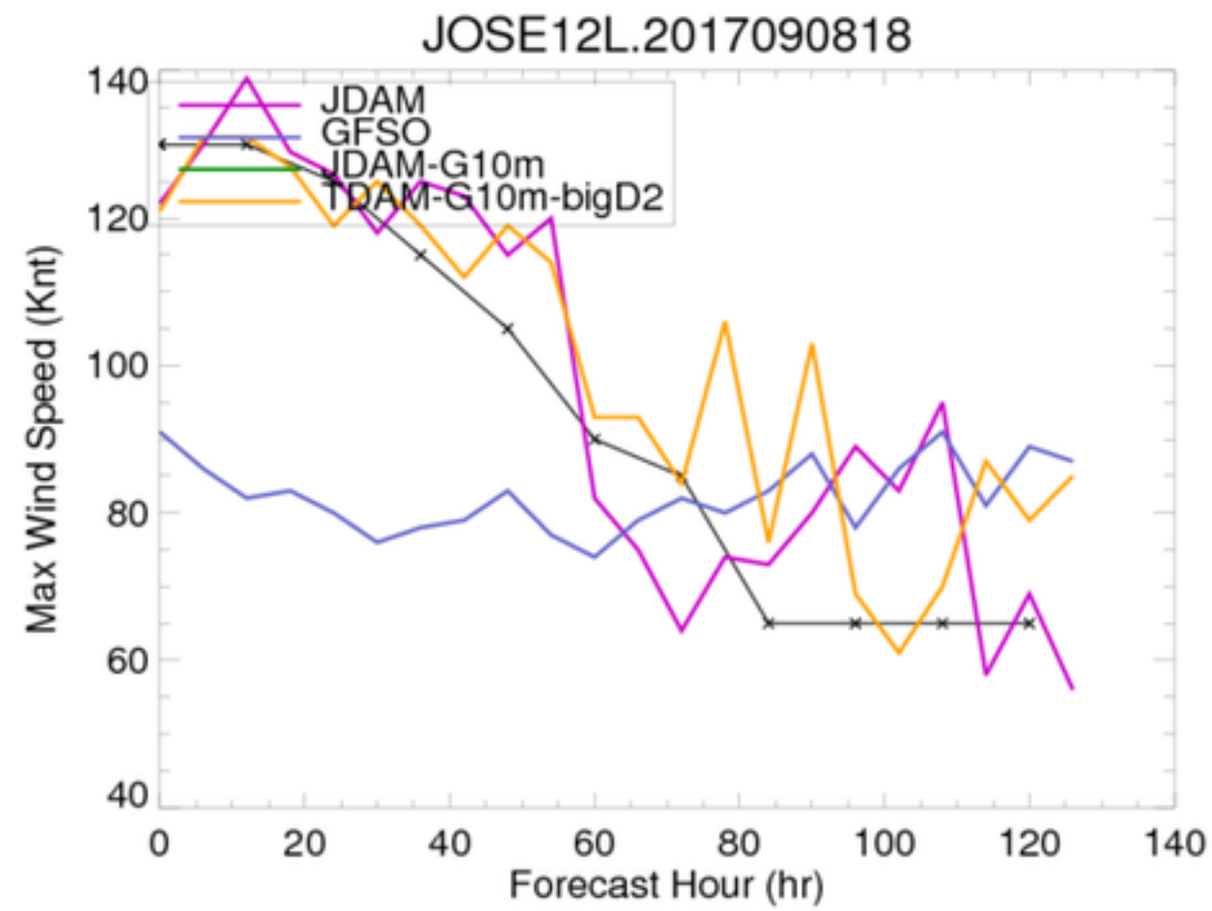

JOSE12L.2017090806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1000
990
980
970
960
950
940
0
20
40
60
80
100
120
140

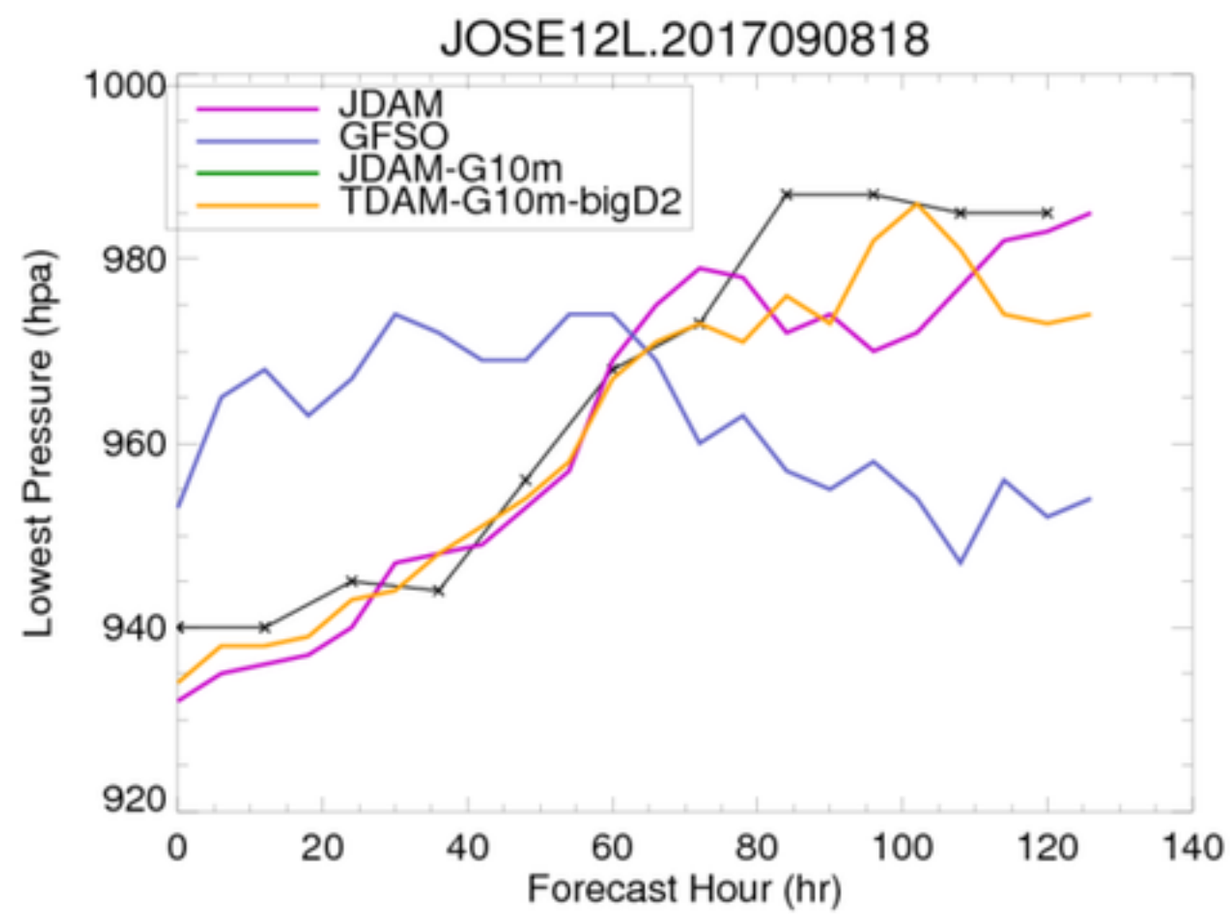

JOSE12L.2017090812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-72
-68
-64
-60
-56
32
30
28
26
24
22
20
18
16
14

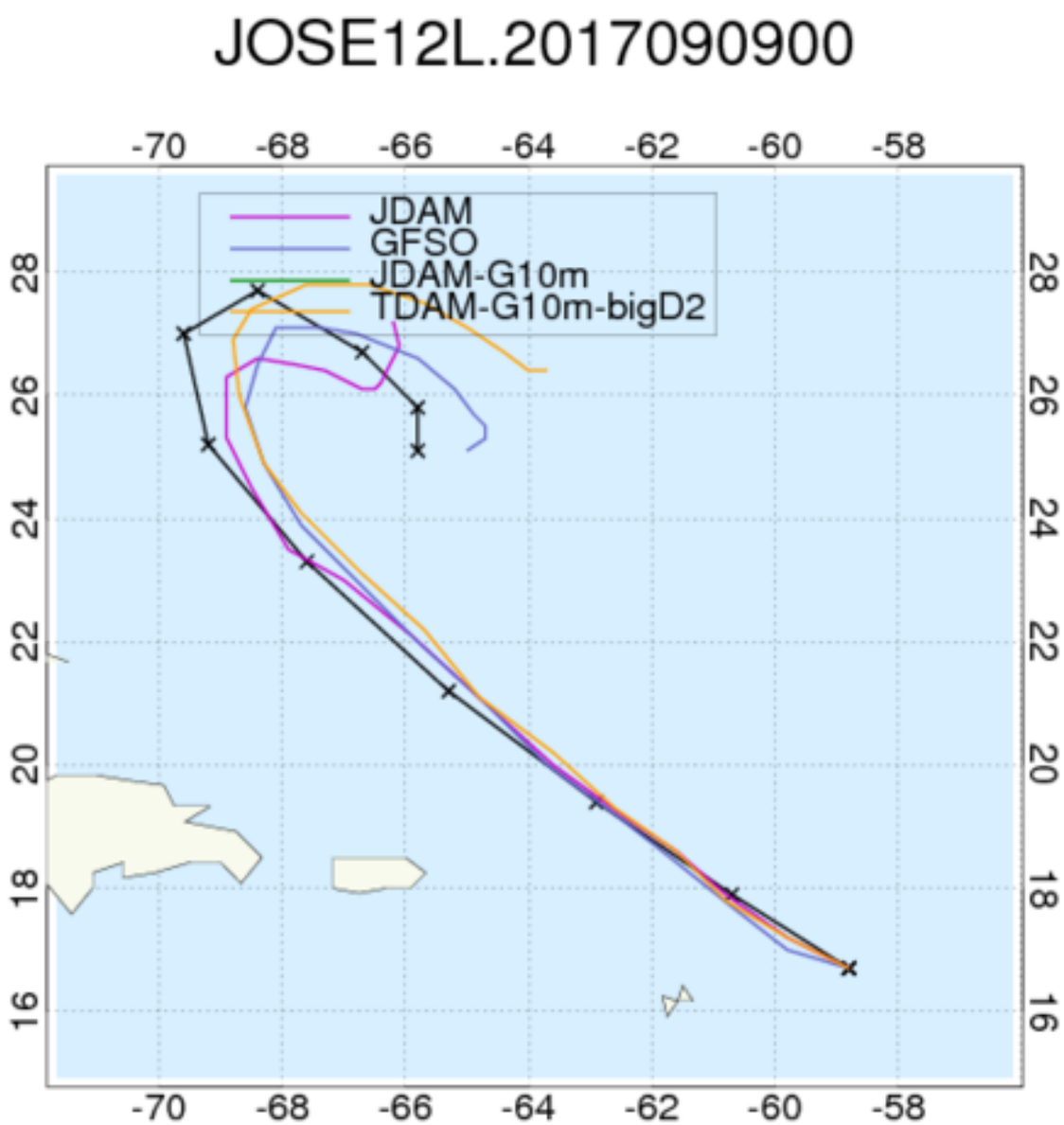

JOSE12L.2017090812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
140
120
100
80
60
40
0
20
40
60
80
100
120
140

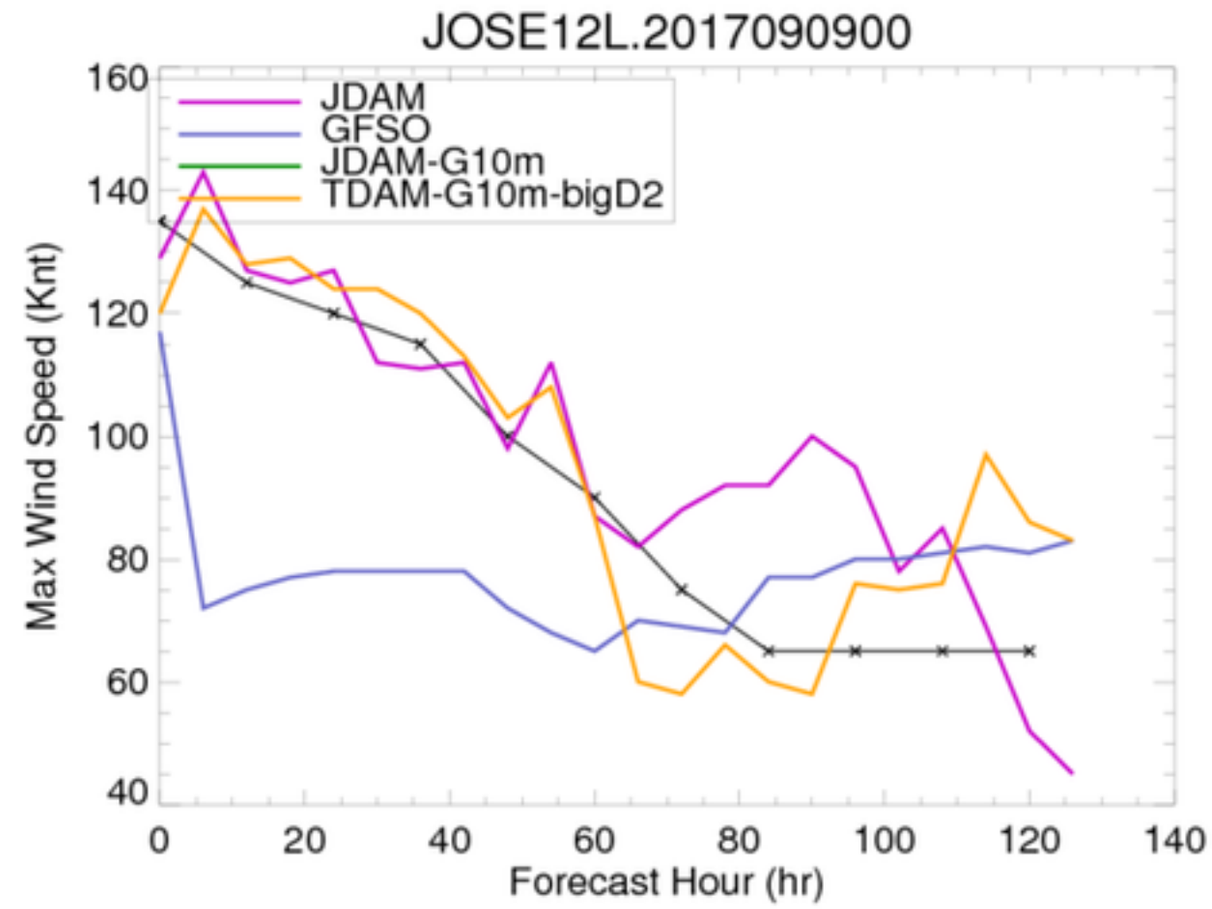

JOSE12L.2017090812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1000
980
960
940
920
0
20
40
60
80
100
120
140

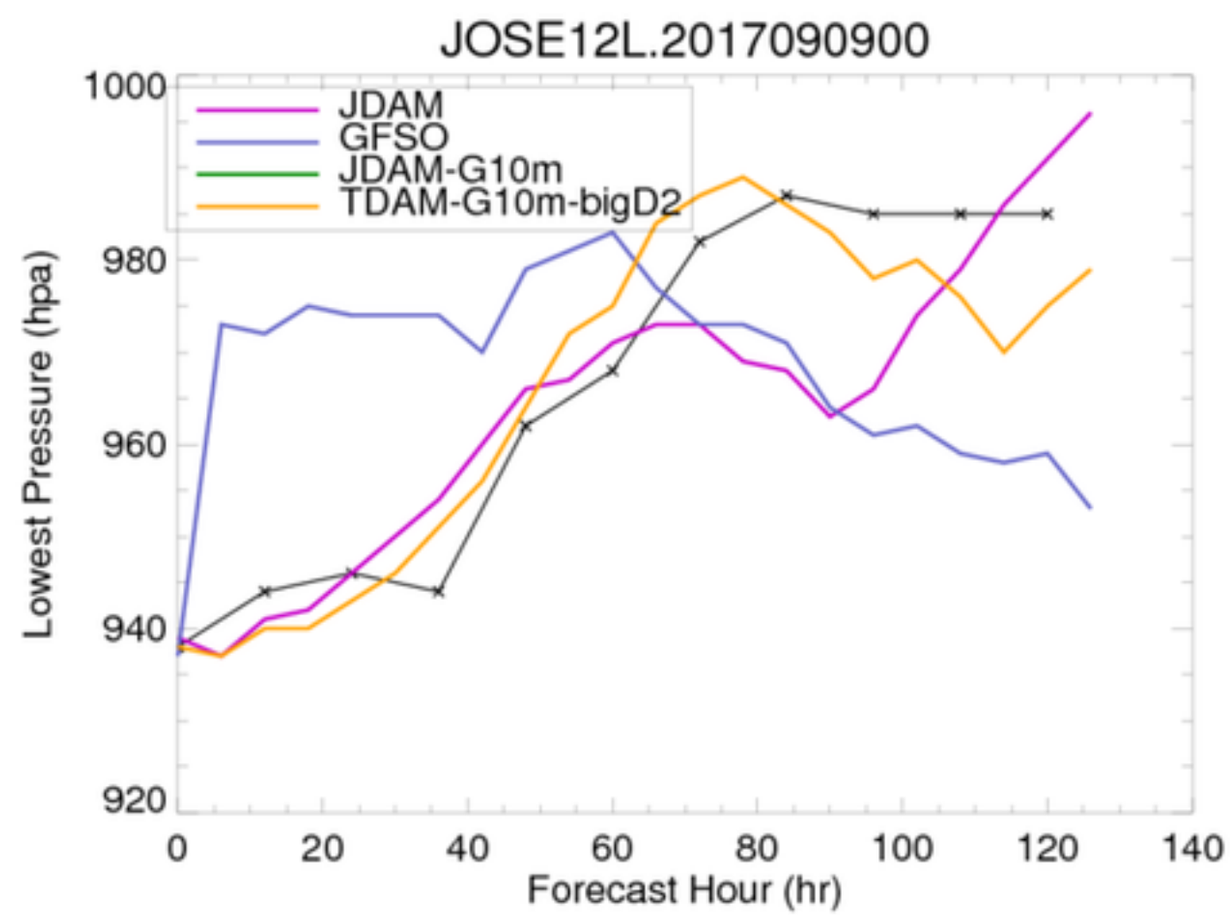

JOSE12L.2017090818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-70 -68 -66 -64 -62 -60 -58 -56
16 18 20 22 24 26 28

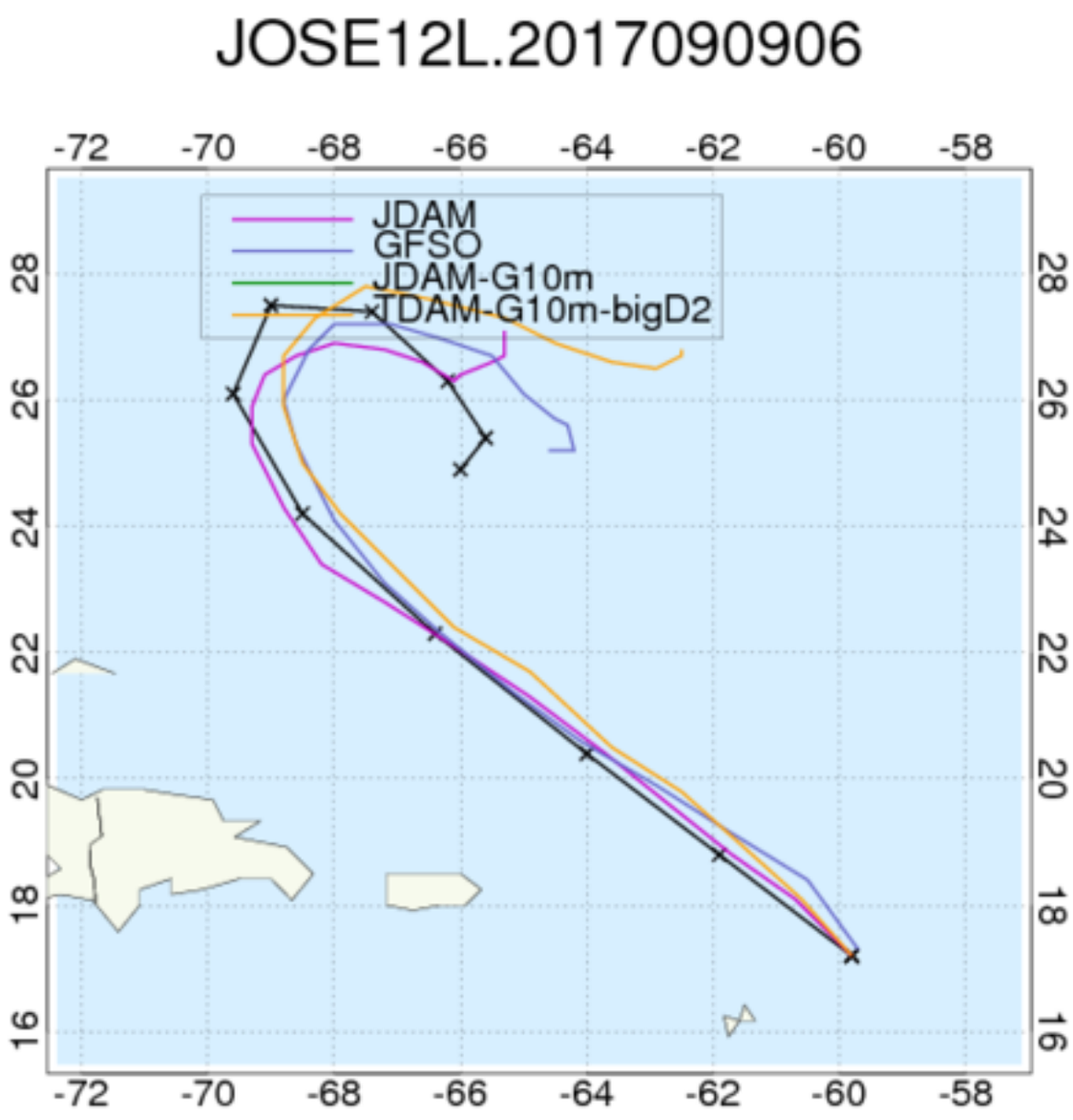

JOSE12L.2017090818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

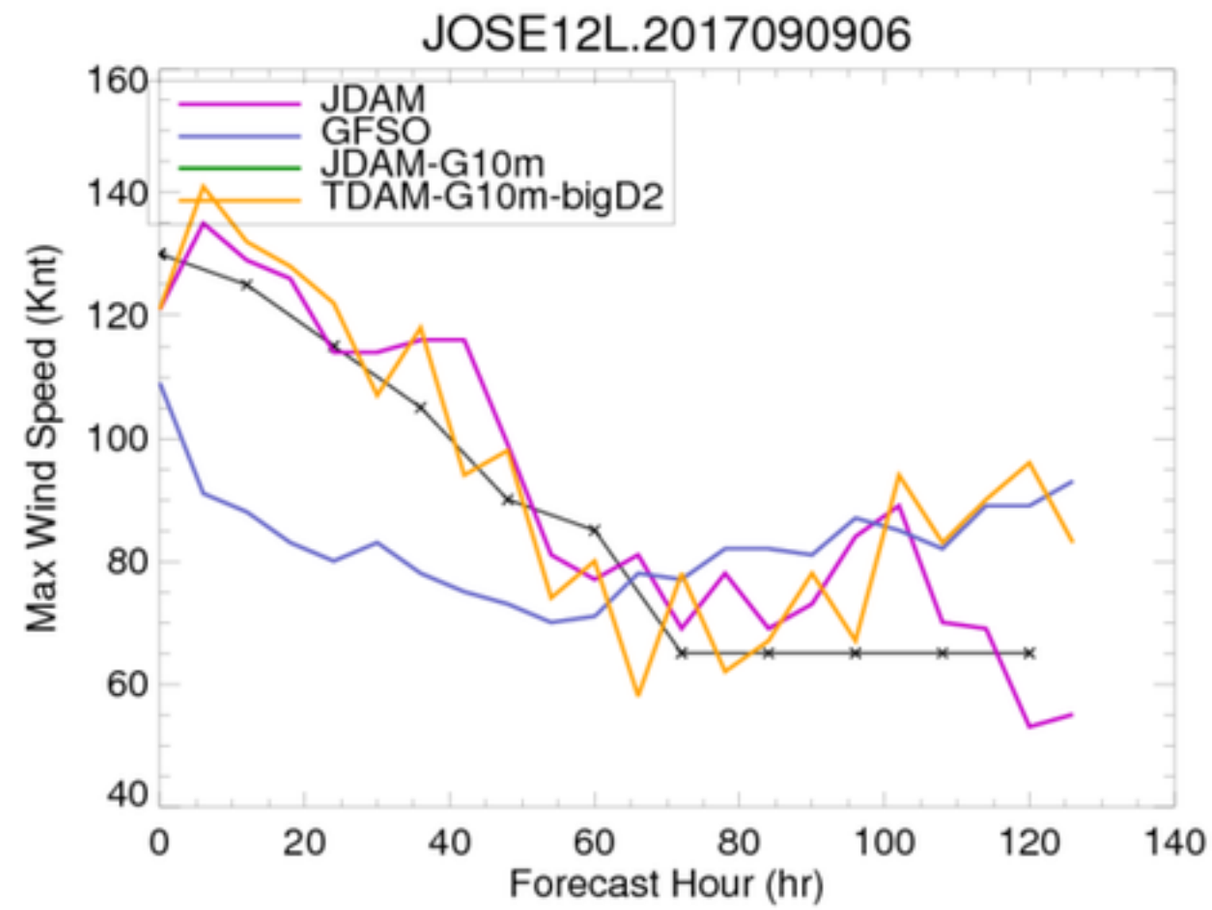

JOSE12L.2017090818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000
Forecast Hour (hr)
0 20 40 60 80 100 120 140

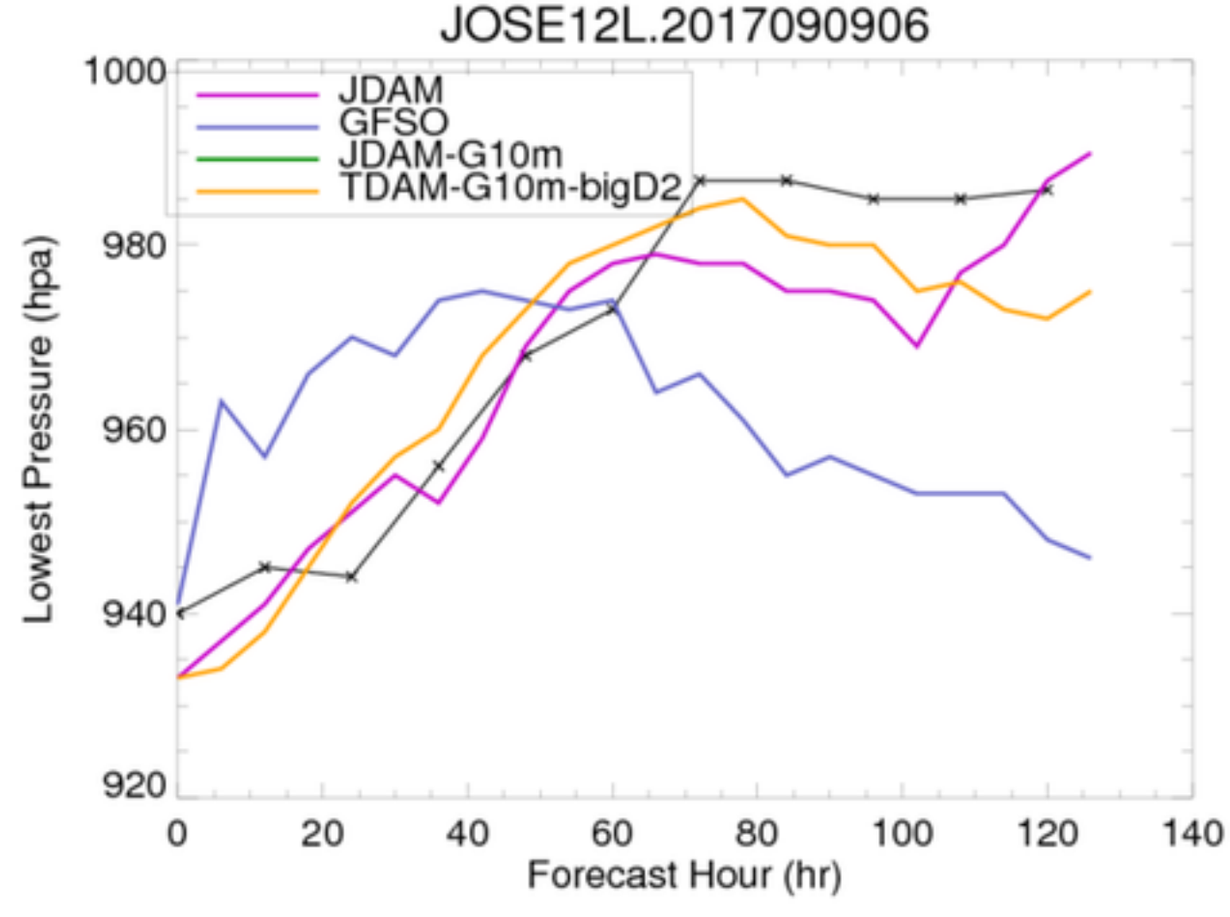

JOSE12L.2017090900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-70 -68 -66 -64 -62 -60 -58
16 18 20 22 24 26 28

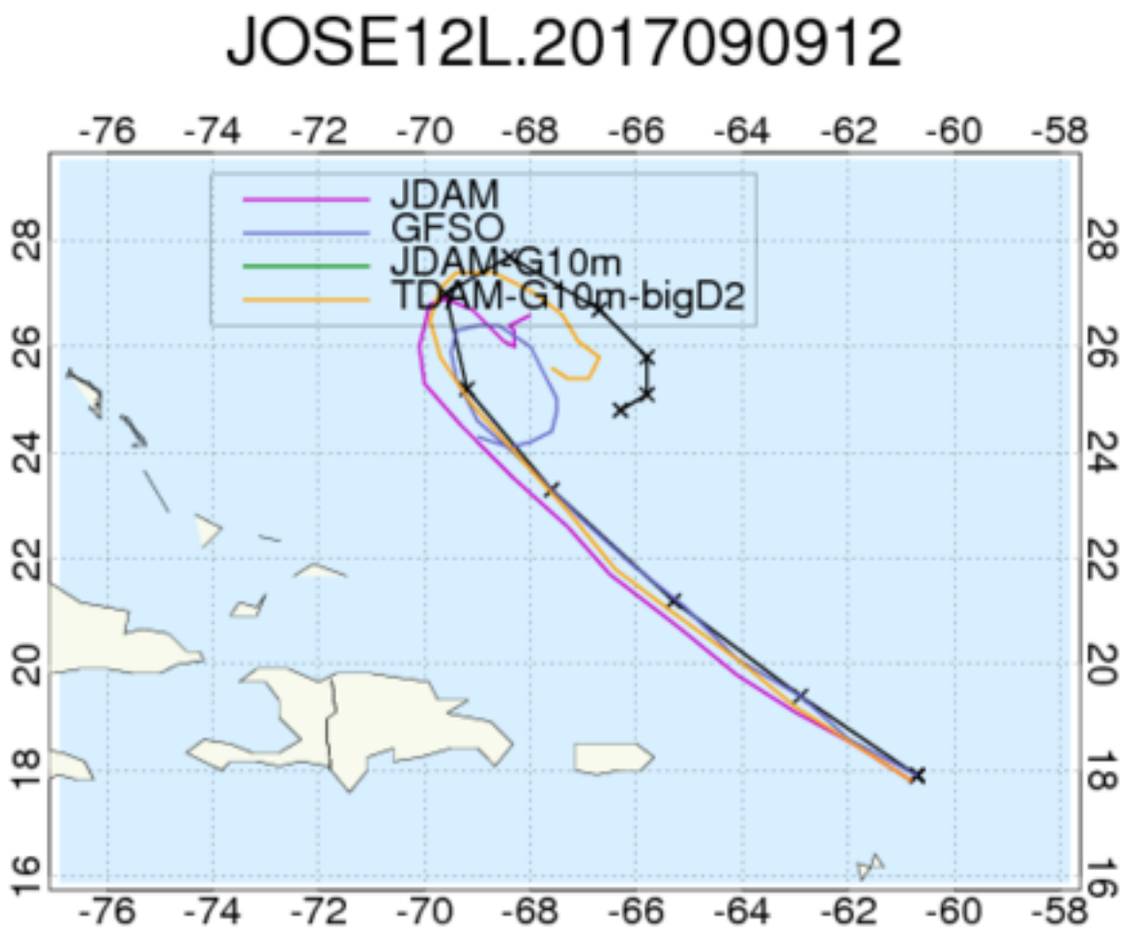

JOSE12L.2017090900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140 160
Forecast Hour (hr)
0 20 40 60 80 100 120 140

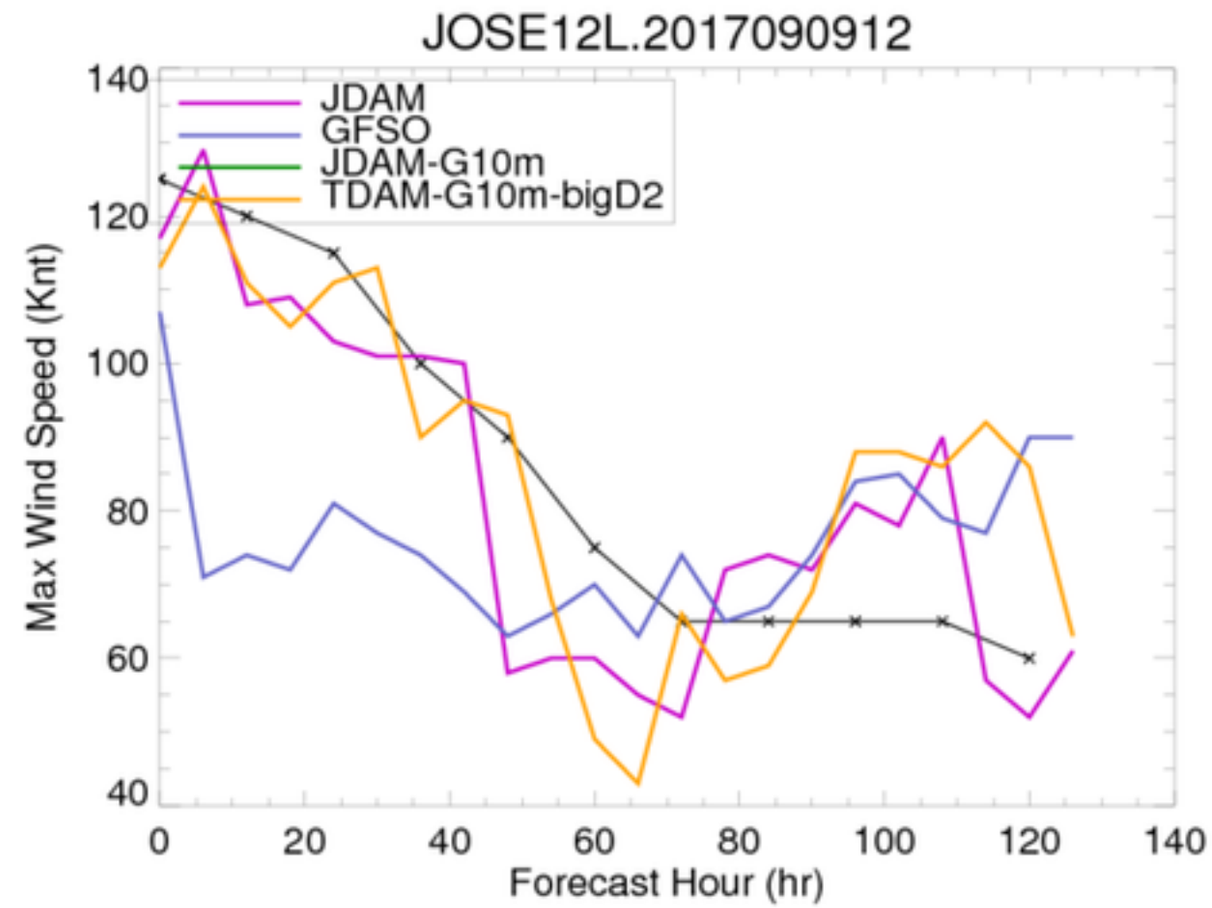

JOSE12L.2017090900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000
Forecast Hour (hr)
0 20 40 60 80 100 120 140

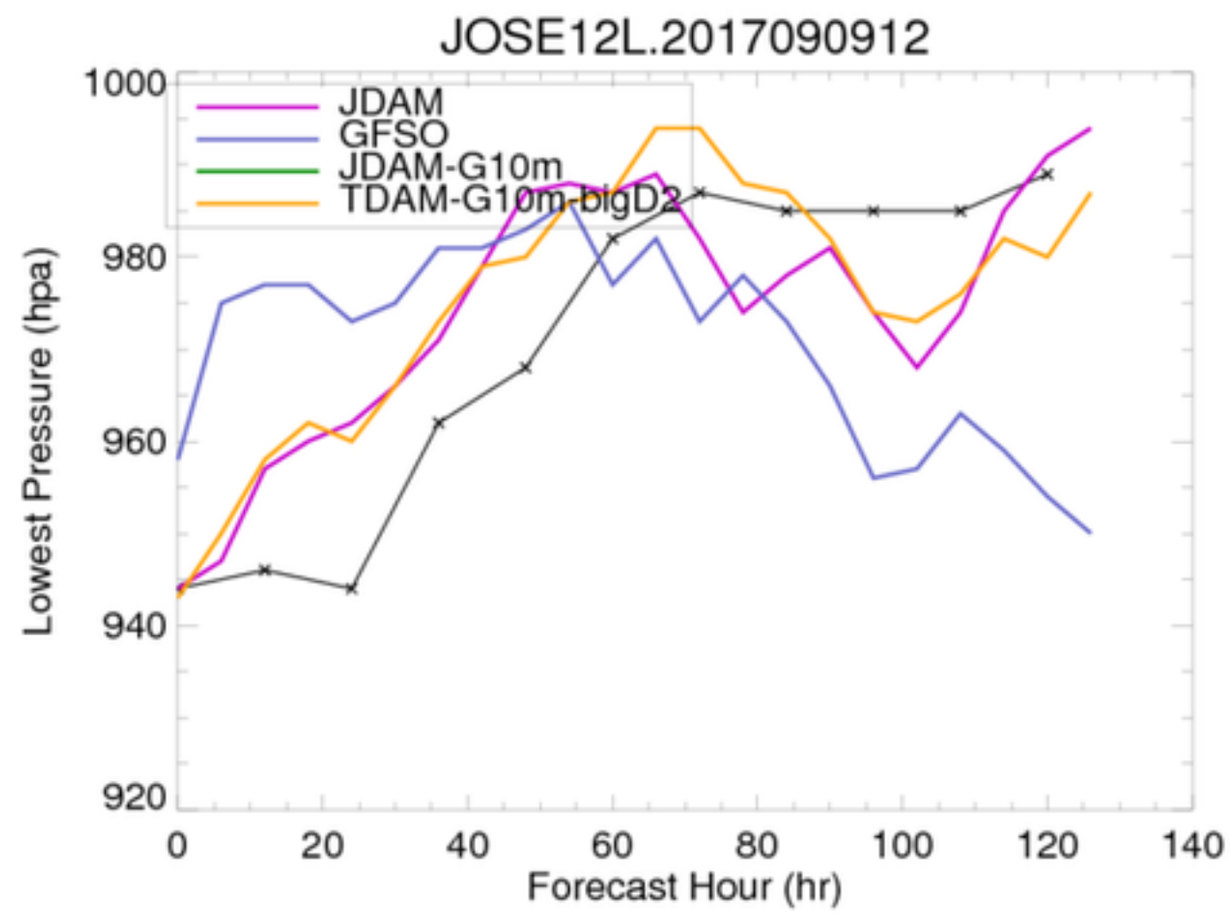

JOSE12L.2017090906
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-72
-70
-68
-66
-64
-62
-60
-58
16
18
20
22
24
26
28

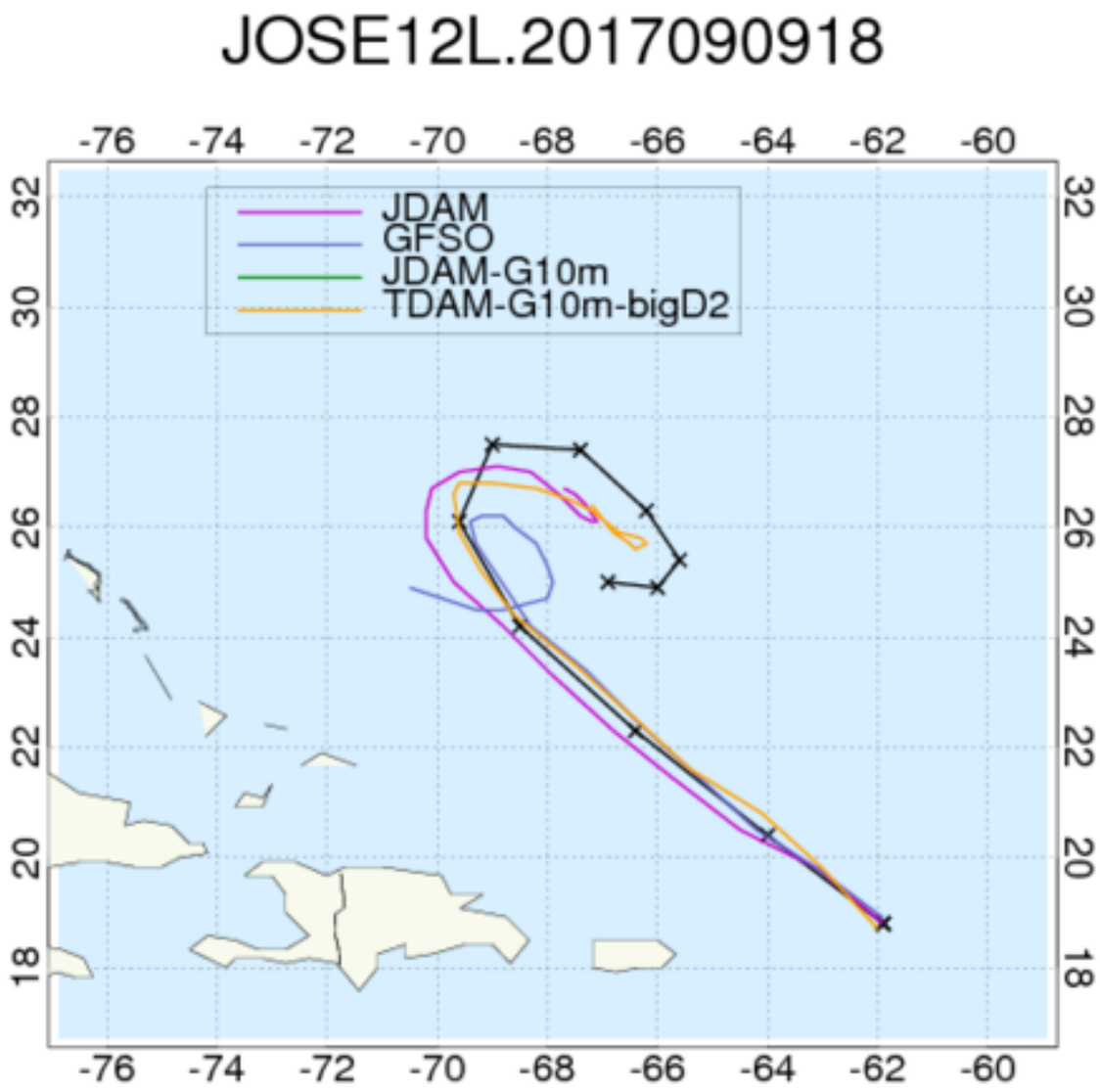

JOSE12L.2017090906
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
40
60
80
100
120
140
160
0
20
40
60
80
100
120
140

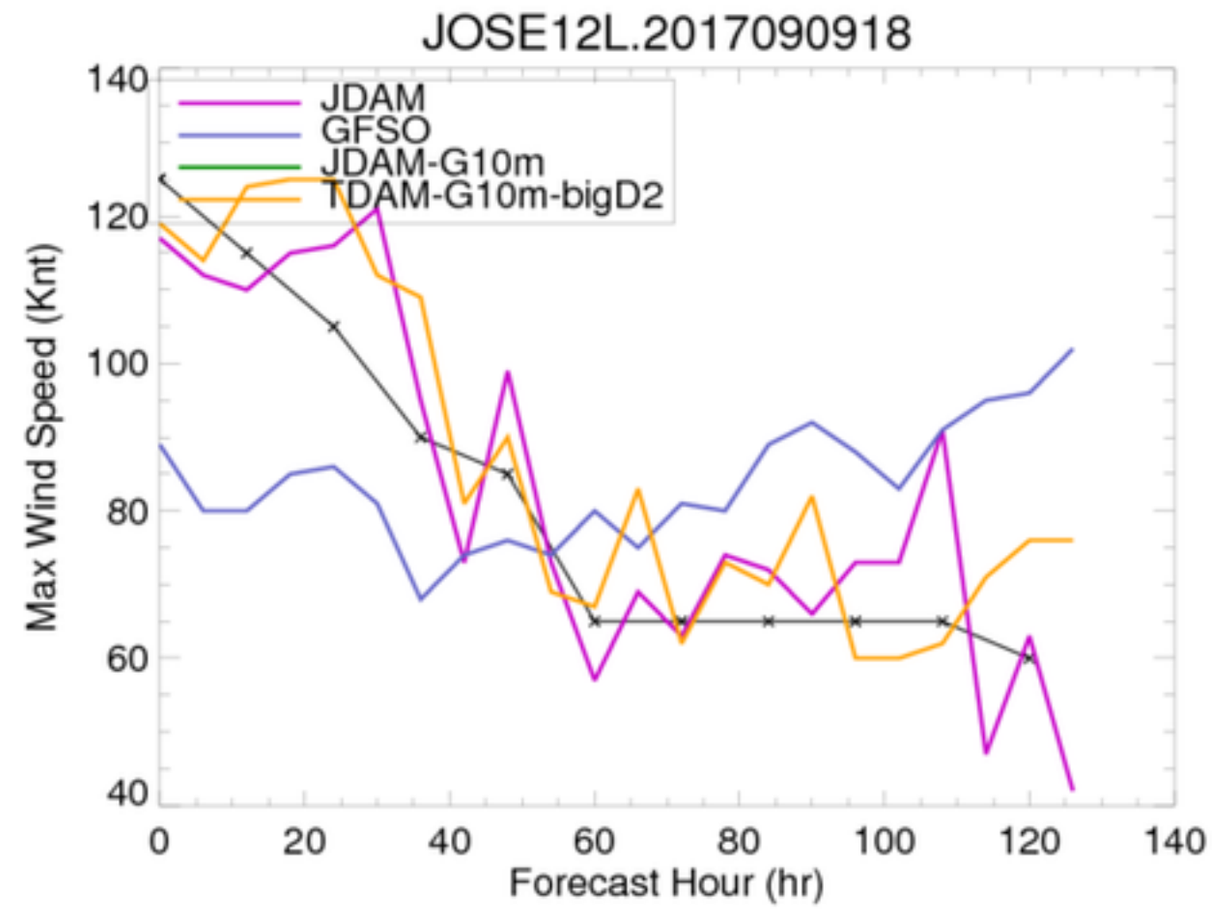

JOSE12L.2017090906
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
920
940
960
980
1000
0
20
40
60
80
100
120
140

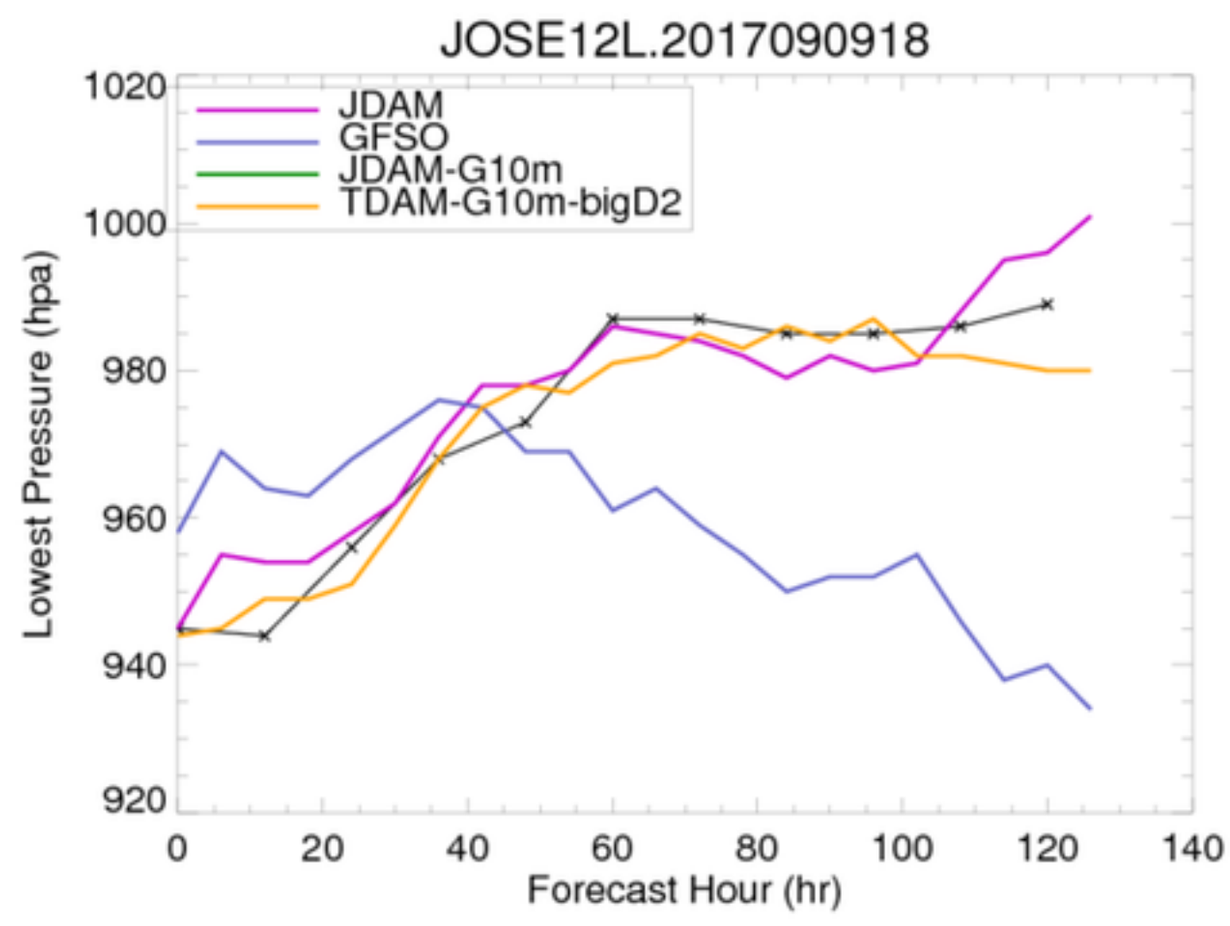

JOSE12L.2017090912
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76 -74 -72 -70 -68 -66 -64 -62 -60 -58
16 18 20 22 24 26 28

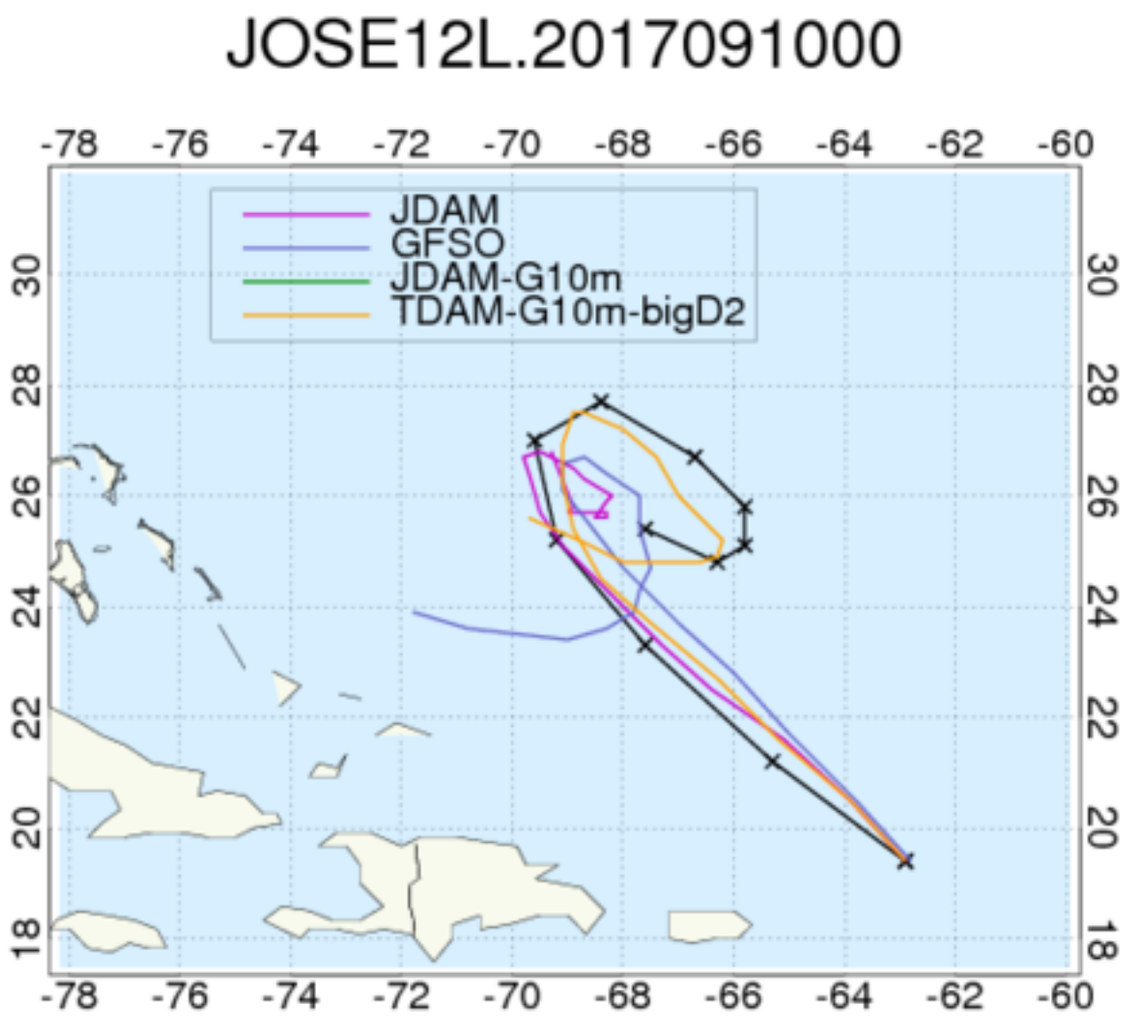

JOSE12L.2017090912
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

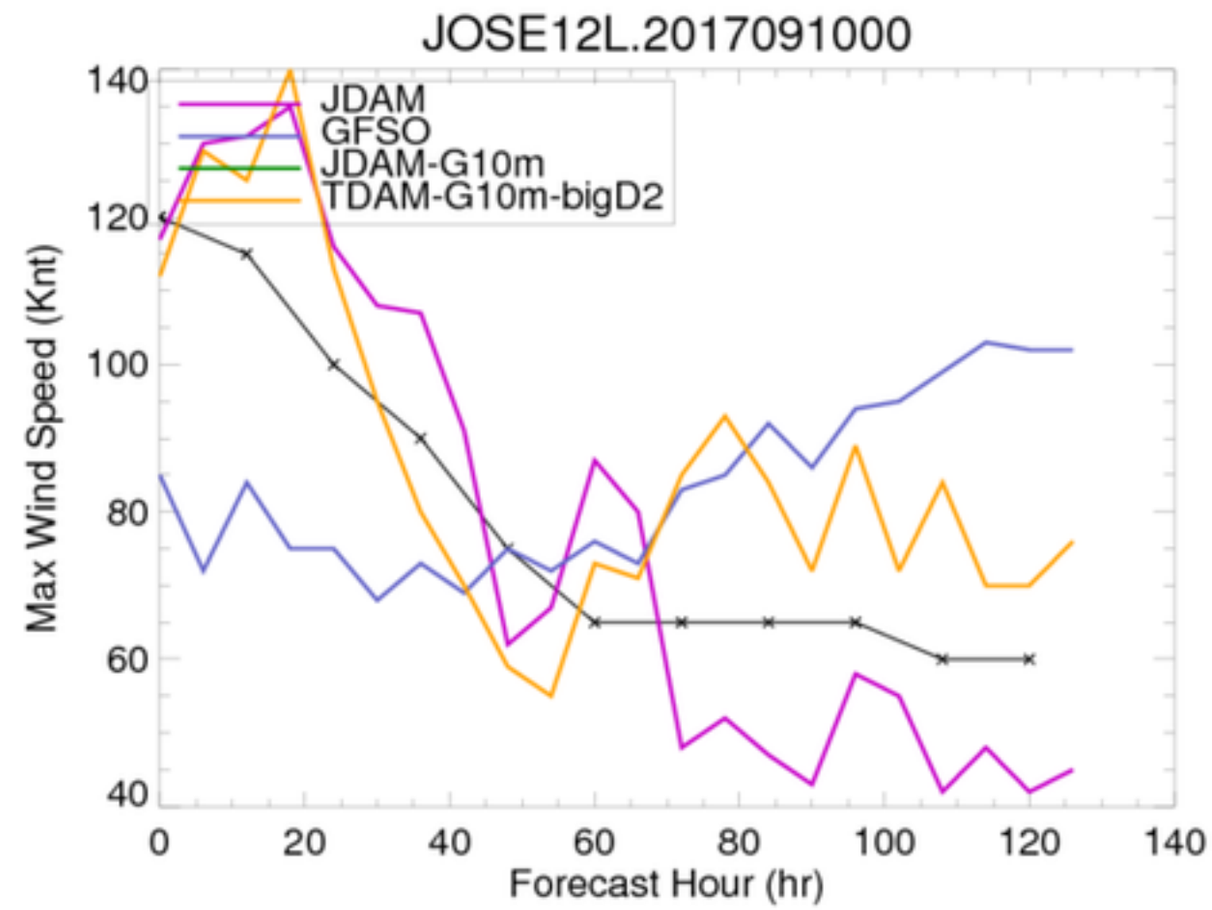

JOSE12L.2017090912
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000
Forecast Hour (hr)
0 20 40 60 80 100 120 140

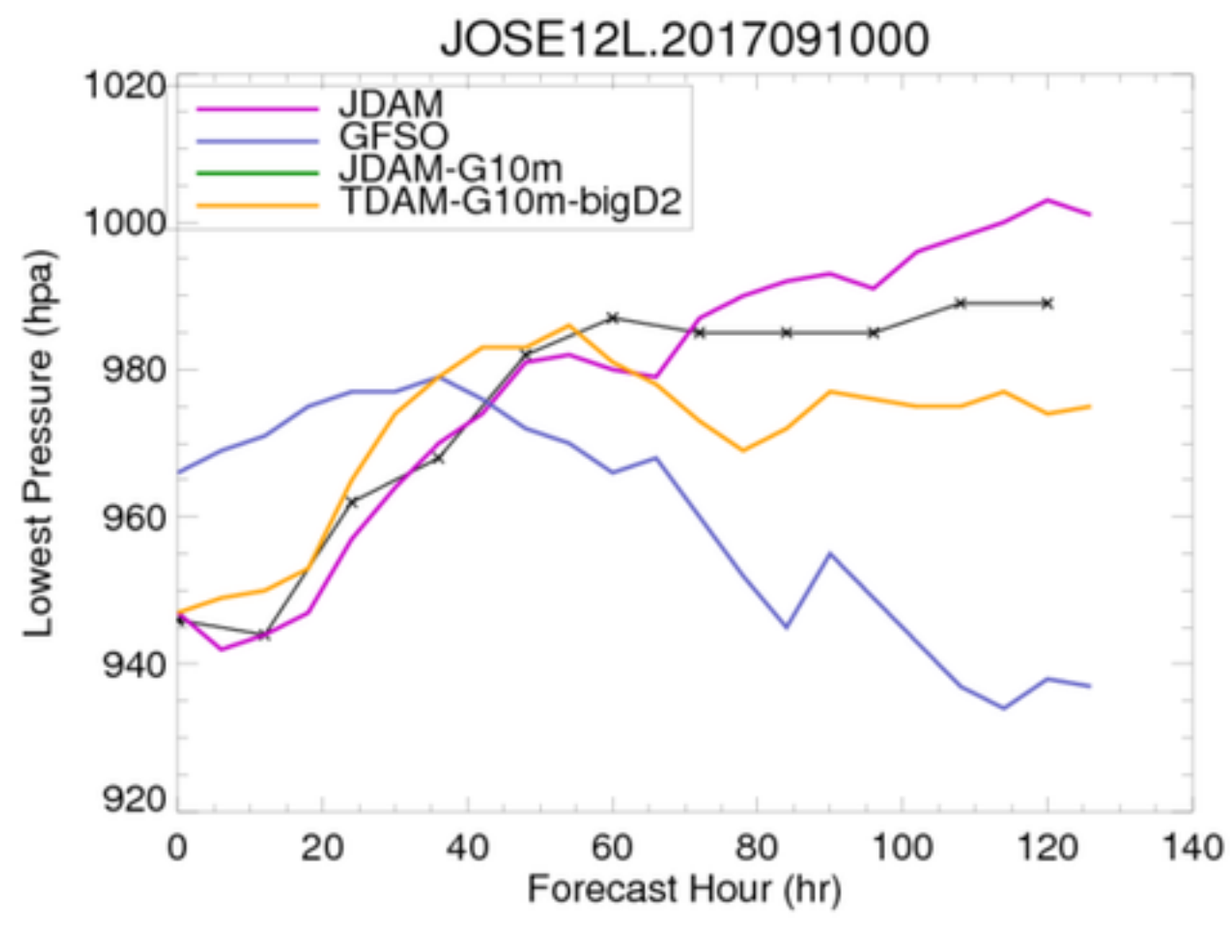

JOSE12L.2017090918
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76 -74 -72 -70 -68 -66 -64 -62 -60
18 20 22 24 26 28 30 32

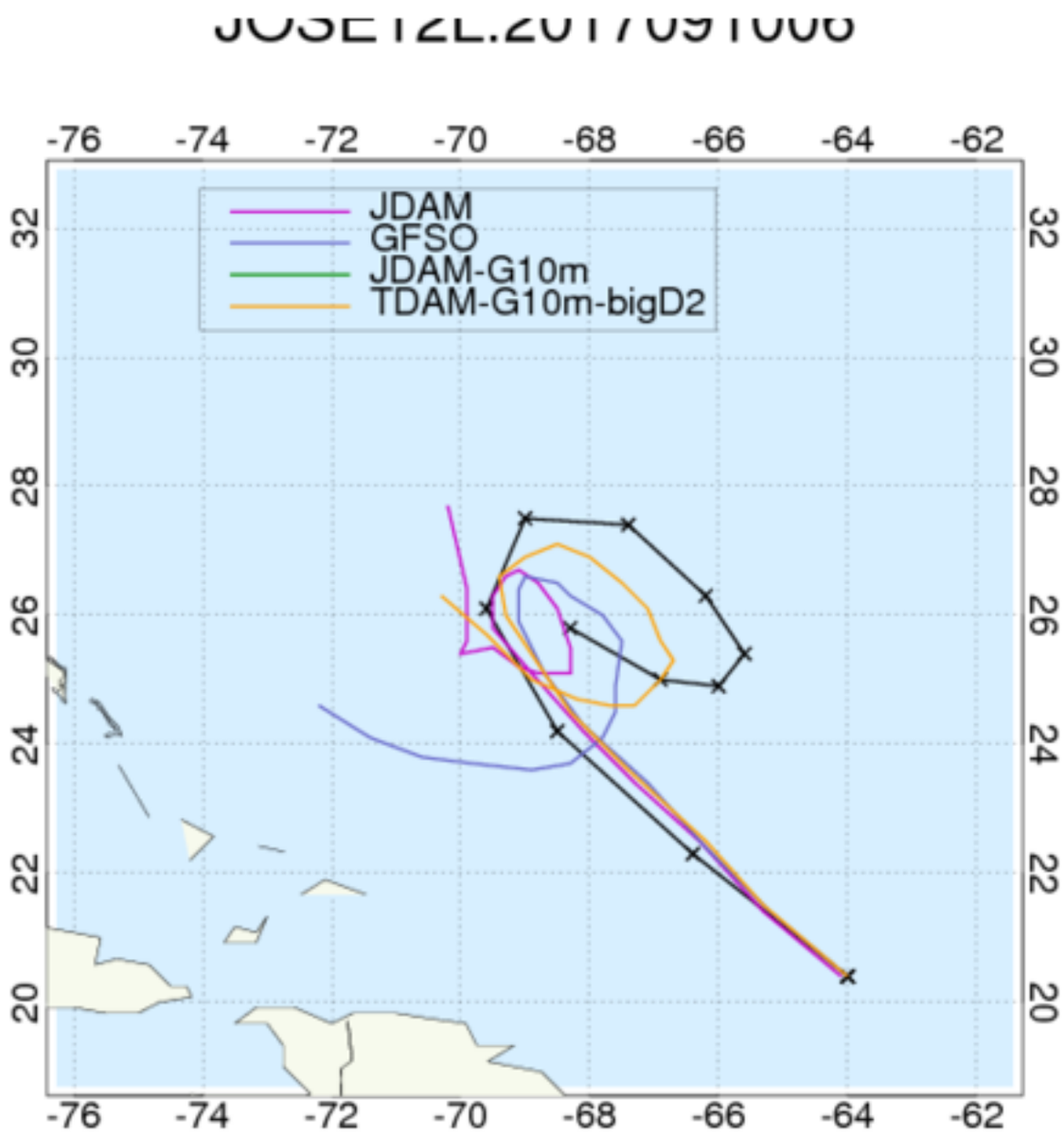

JOSE12L.2017090918
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

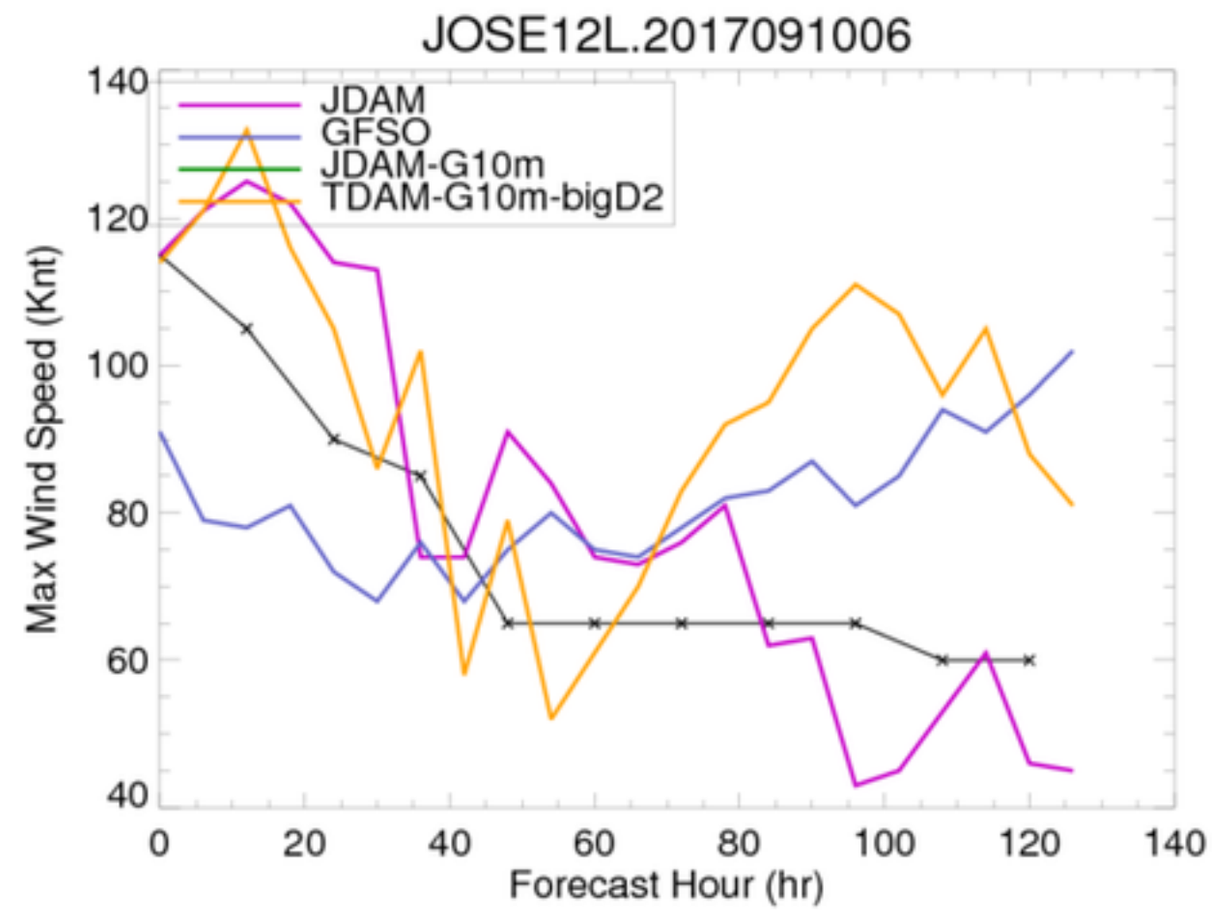

JOSE12L.2017090918
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

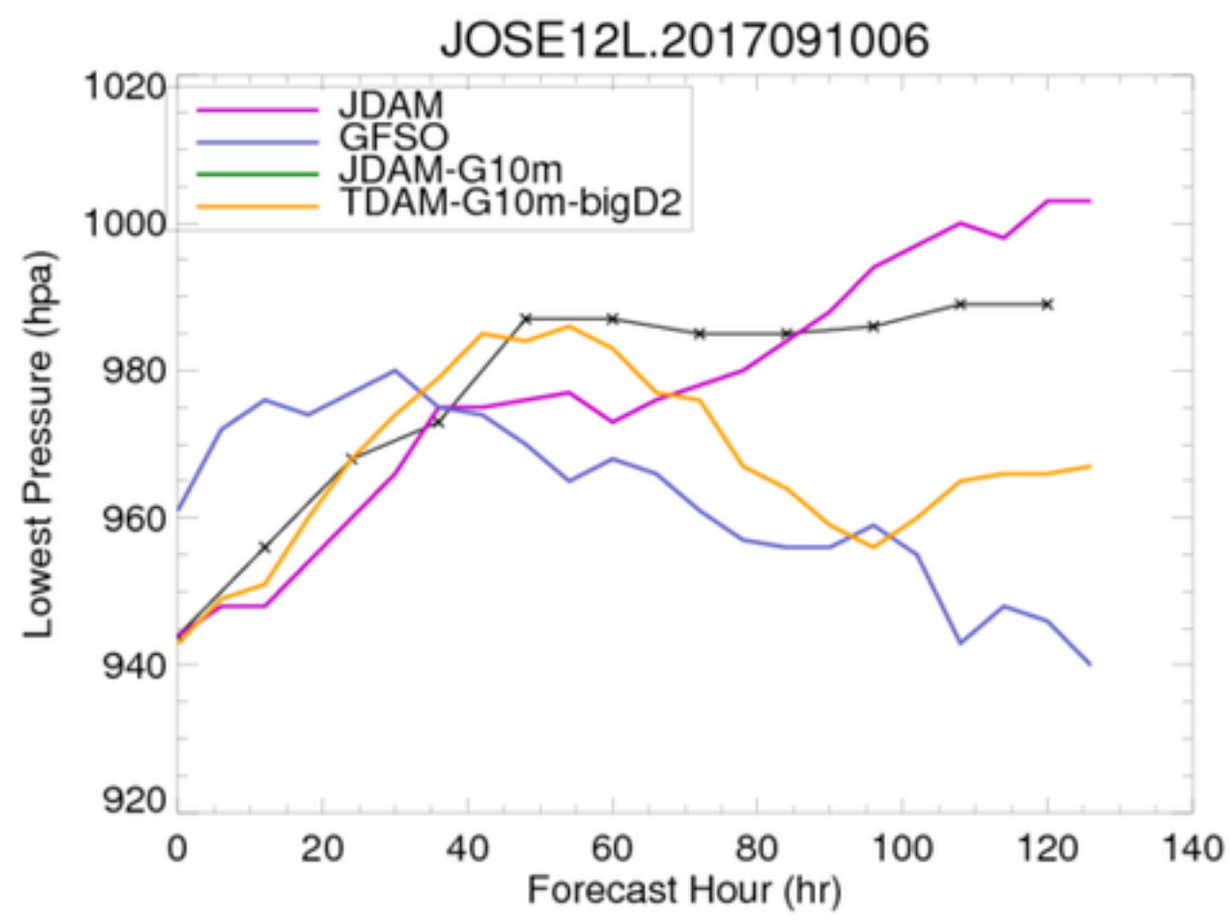

JOSE12L.2017091000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-78 -76 -74 -72 -70 -68 -66 -64 -62 -60
18 20 22 24 26 28 30

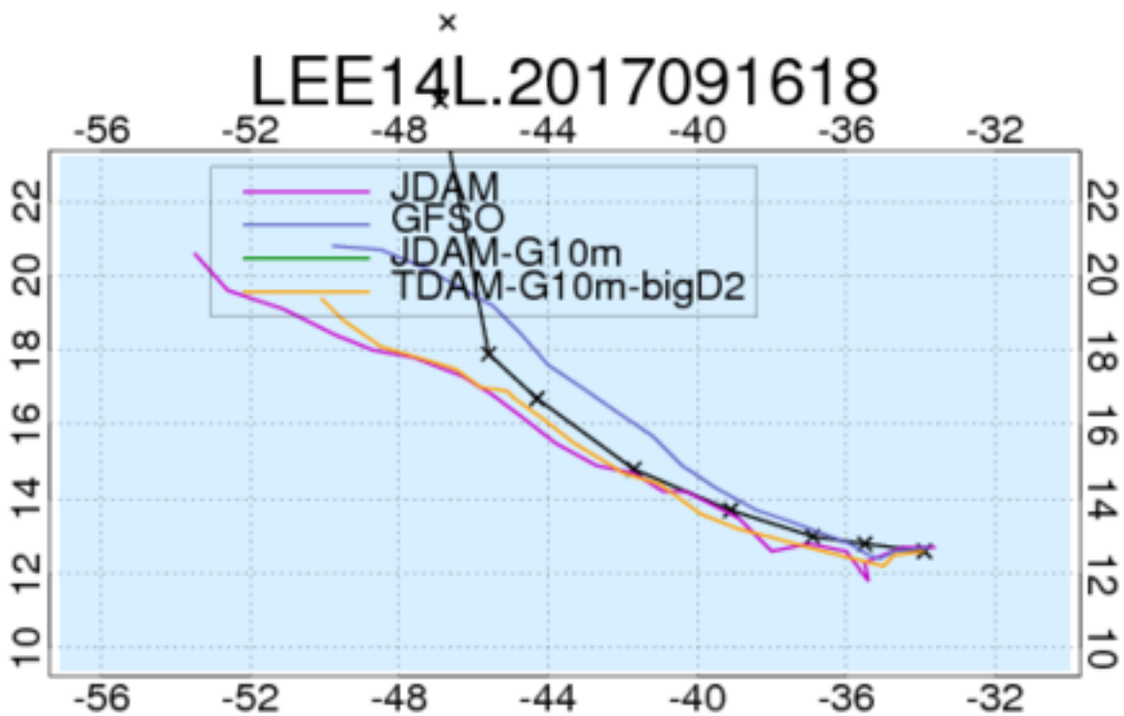

JOSE12L.2017091000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140
Forecast Hour (hr)
0 20 40 60 80 100 120 140

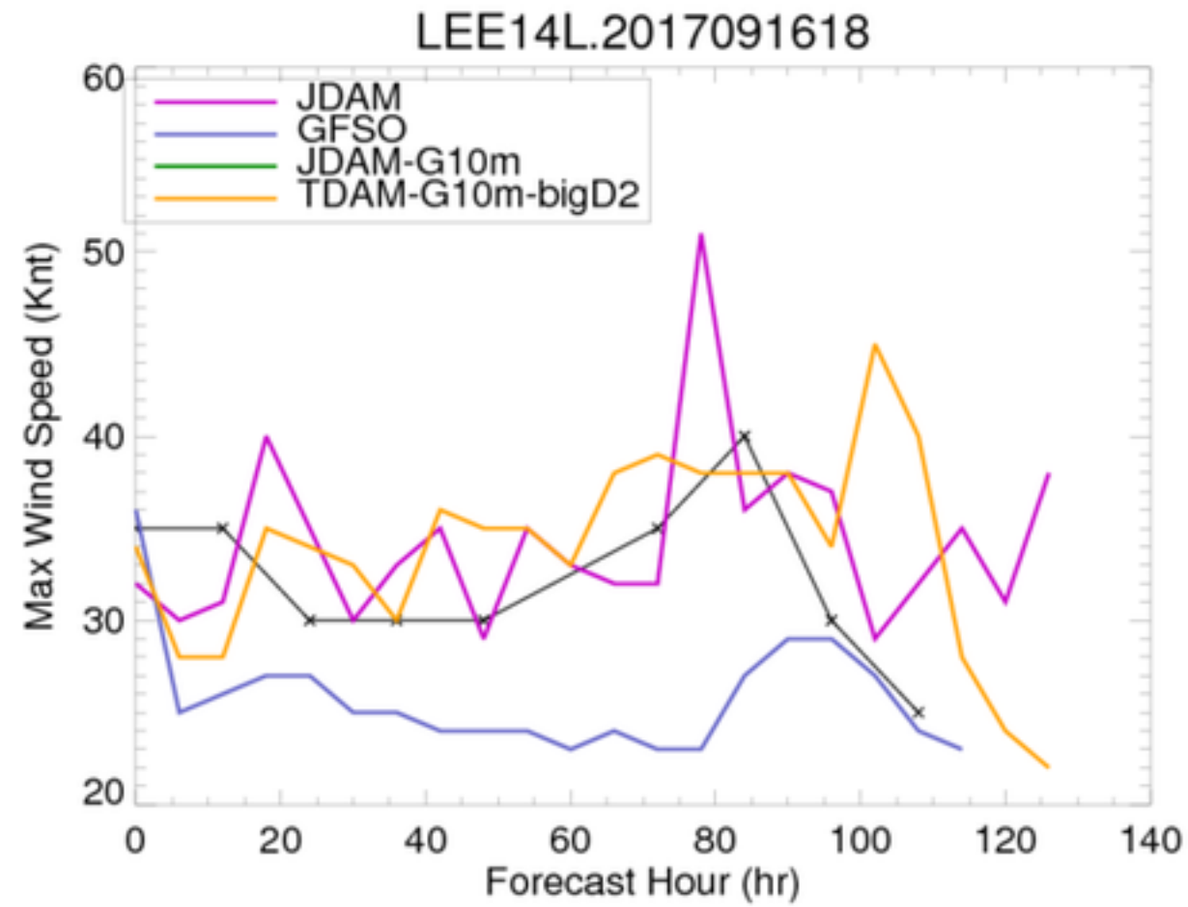

JOSE12L.2017091000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
920 940 960 980 1000 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

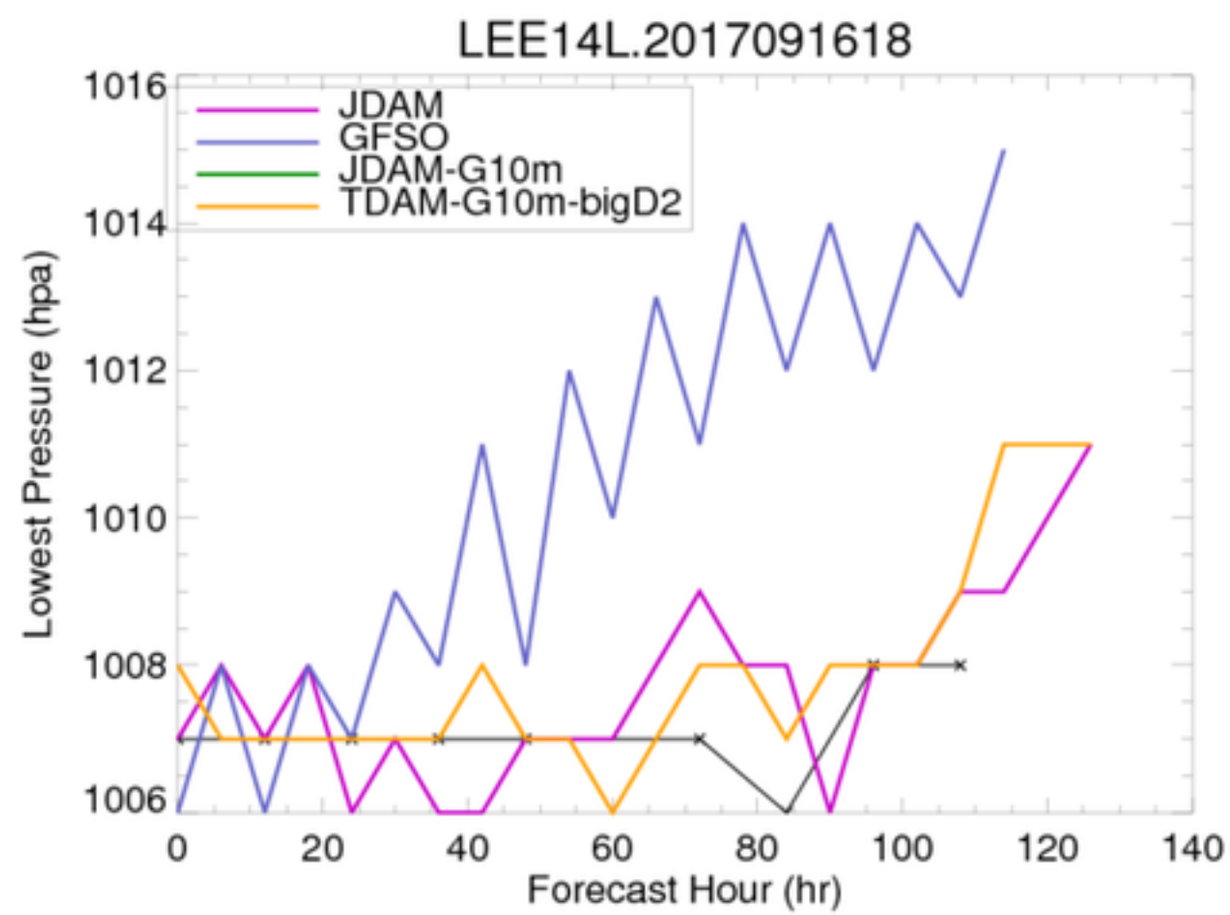

JOSE12L.2017091006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76
-74
-72
-70
-68
-66
-64
-62
32
30
28
26
24
22
20

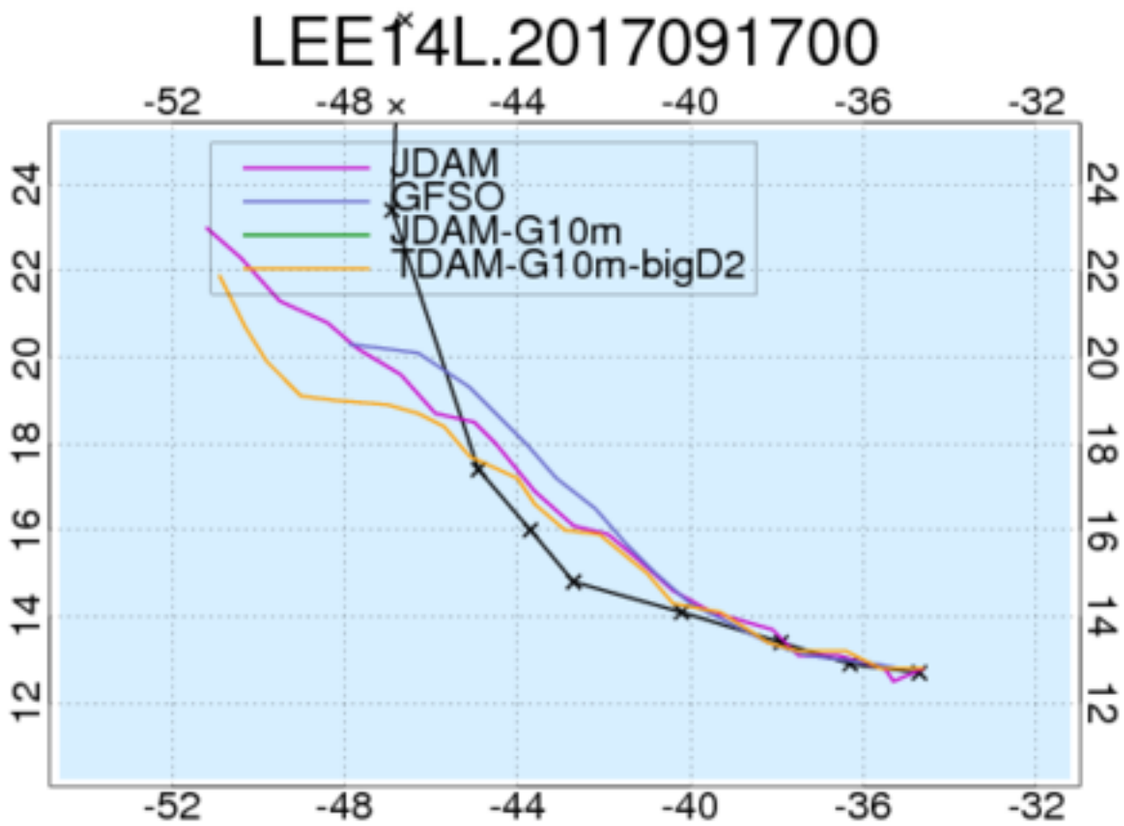

JOSE12L.2017091006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
140
120
100
80
60
40
0
20
40
60
80
100
120
140

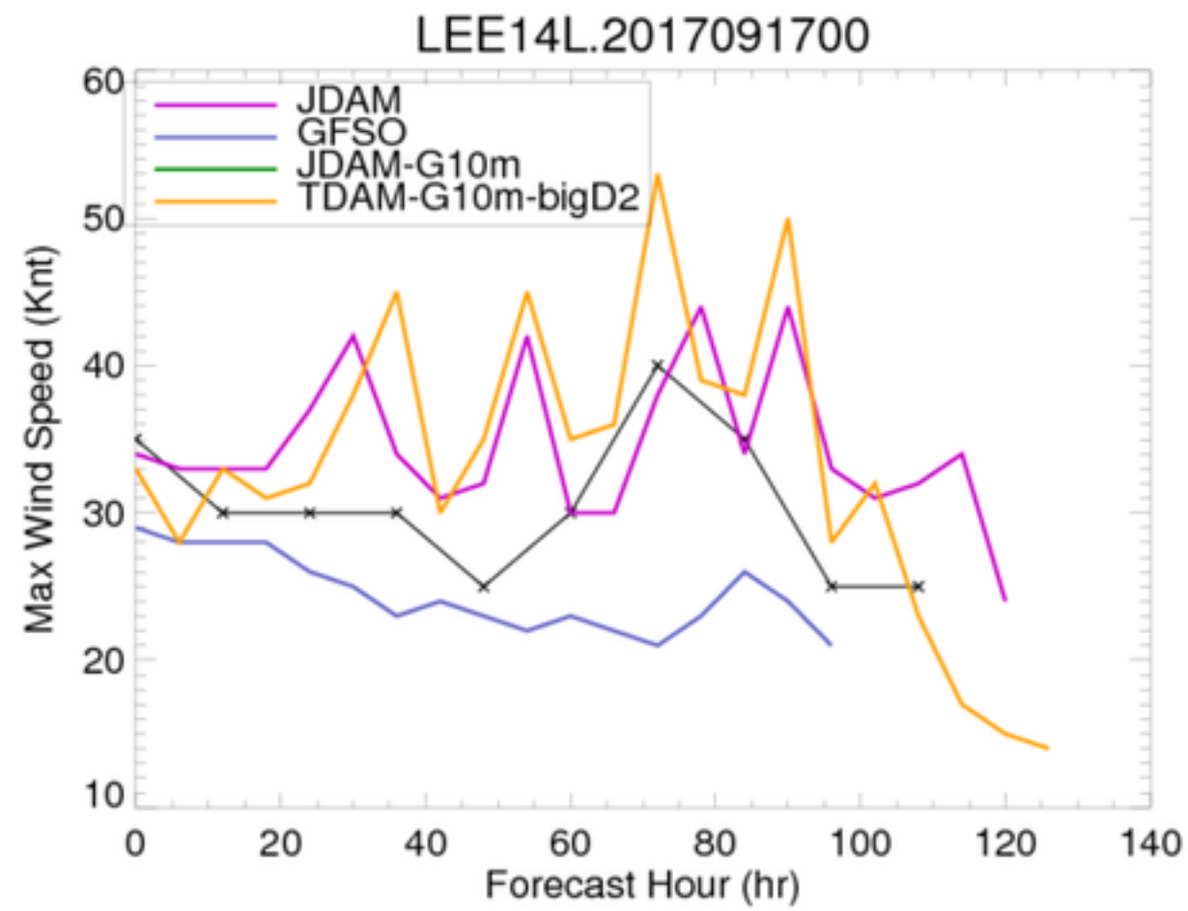

JOSE12L.2017091006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1020
1000
980
960
940
920
0
20
40
60
80
100
120
140

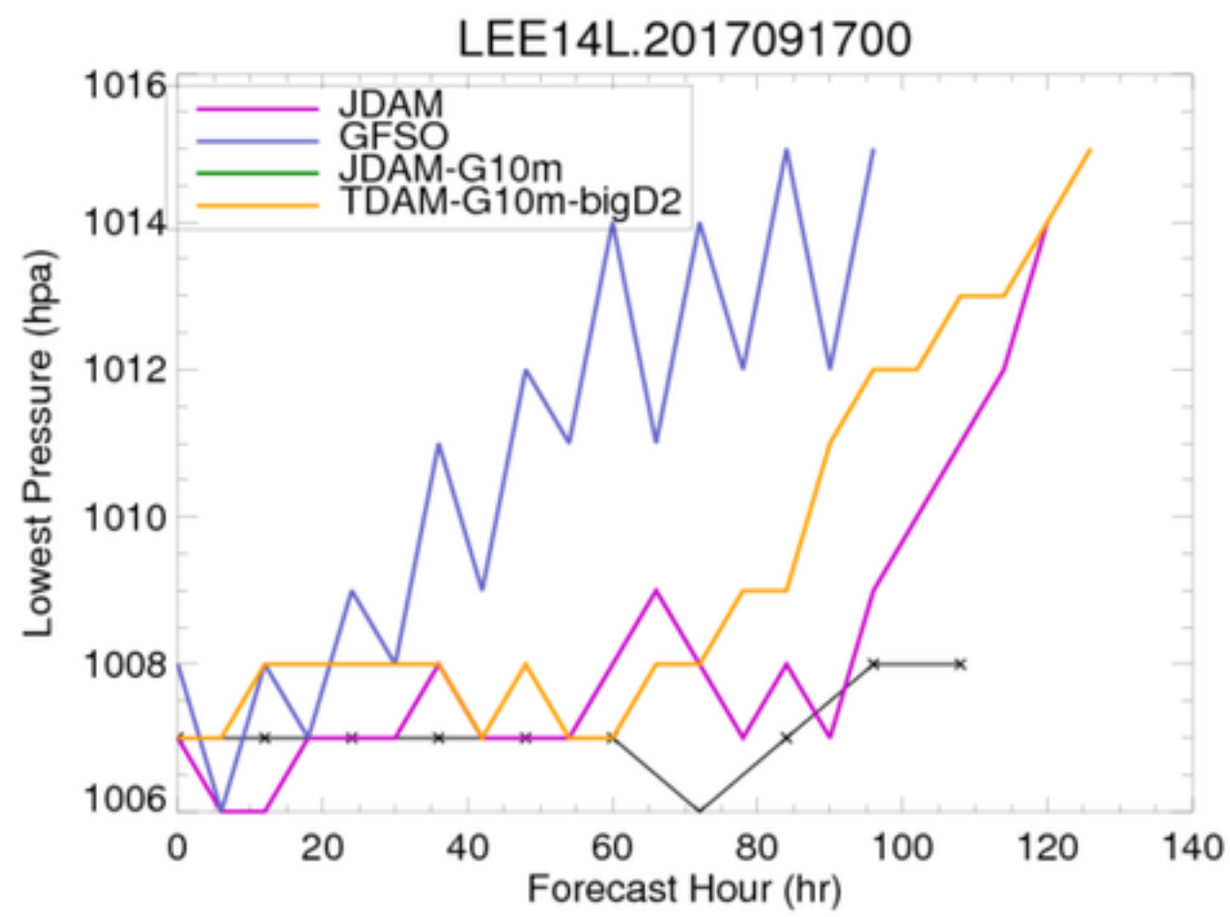

LEE14L.2017091618
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-56
-52
-48
-44
-40
-36
-32
10
12
14
16
18
20
22

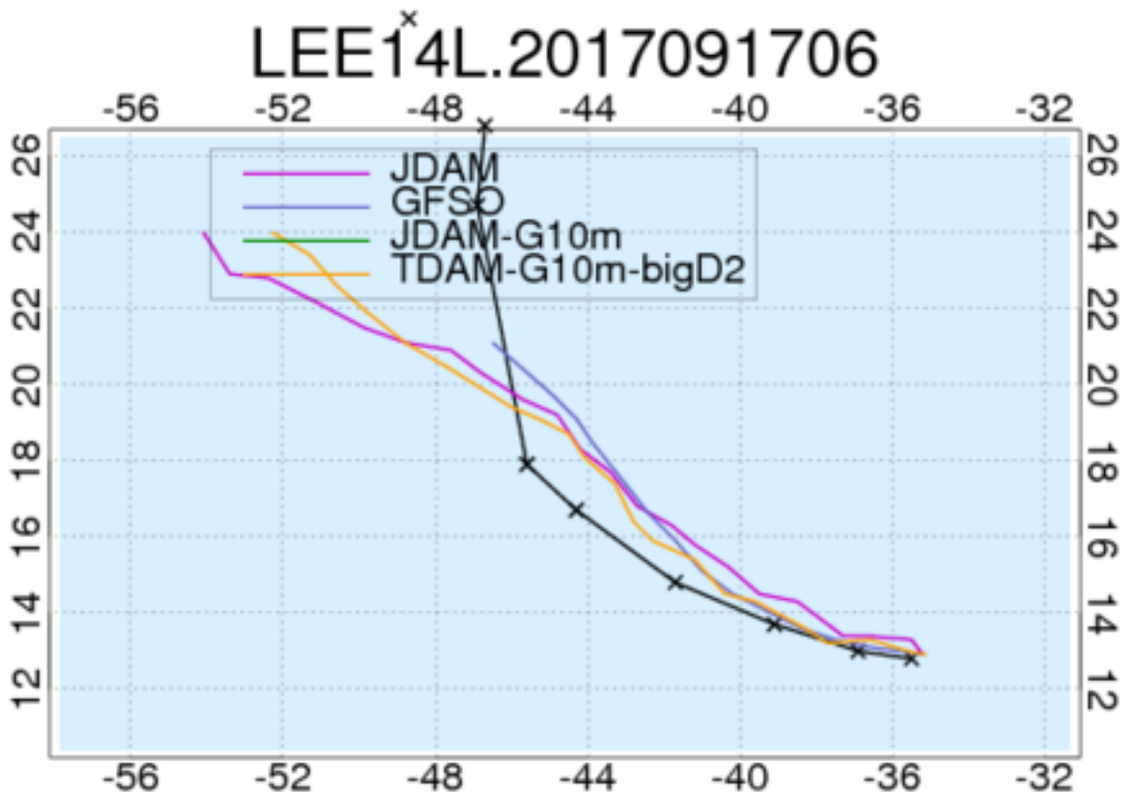

LEE14L.2017091618
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
20
30
40
50
60
0
20
40
60
80
100
120
140

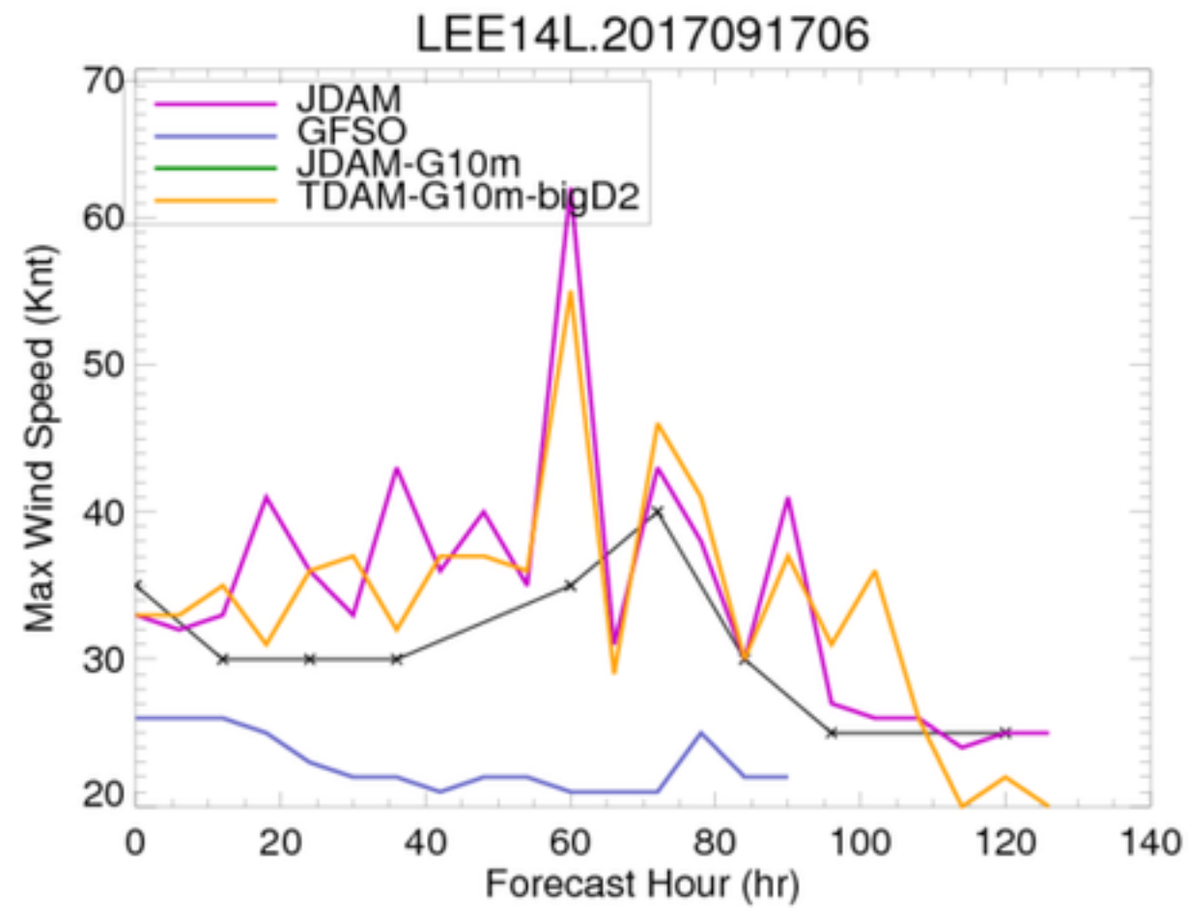

LEE14L.2017091618
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1006
1008
1010
1012
1014
1016
0
20
40
60
80
100
120
140

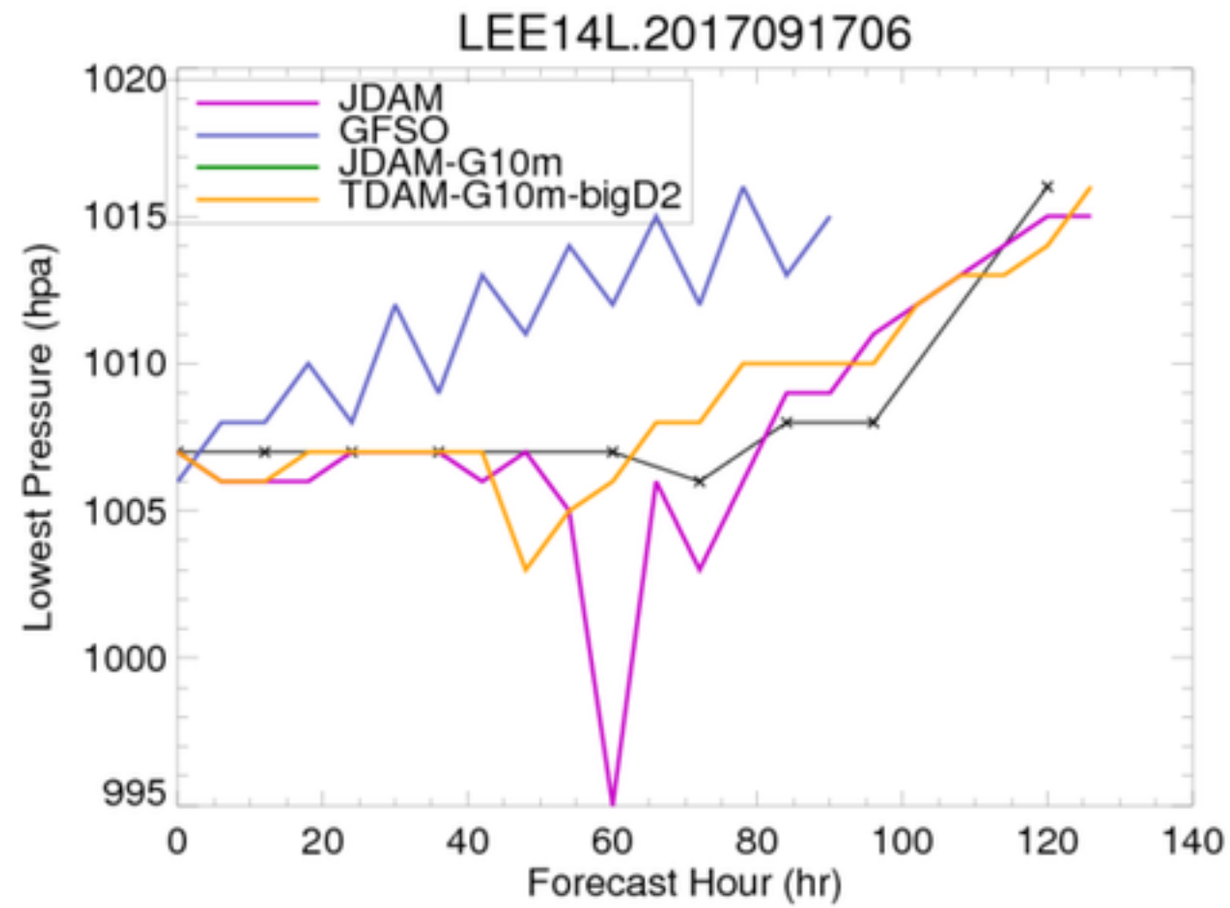

LEE14L.2017091700
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-52
-48
-44
-40
-36
-32
12
14
16
18
20
22
24

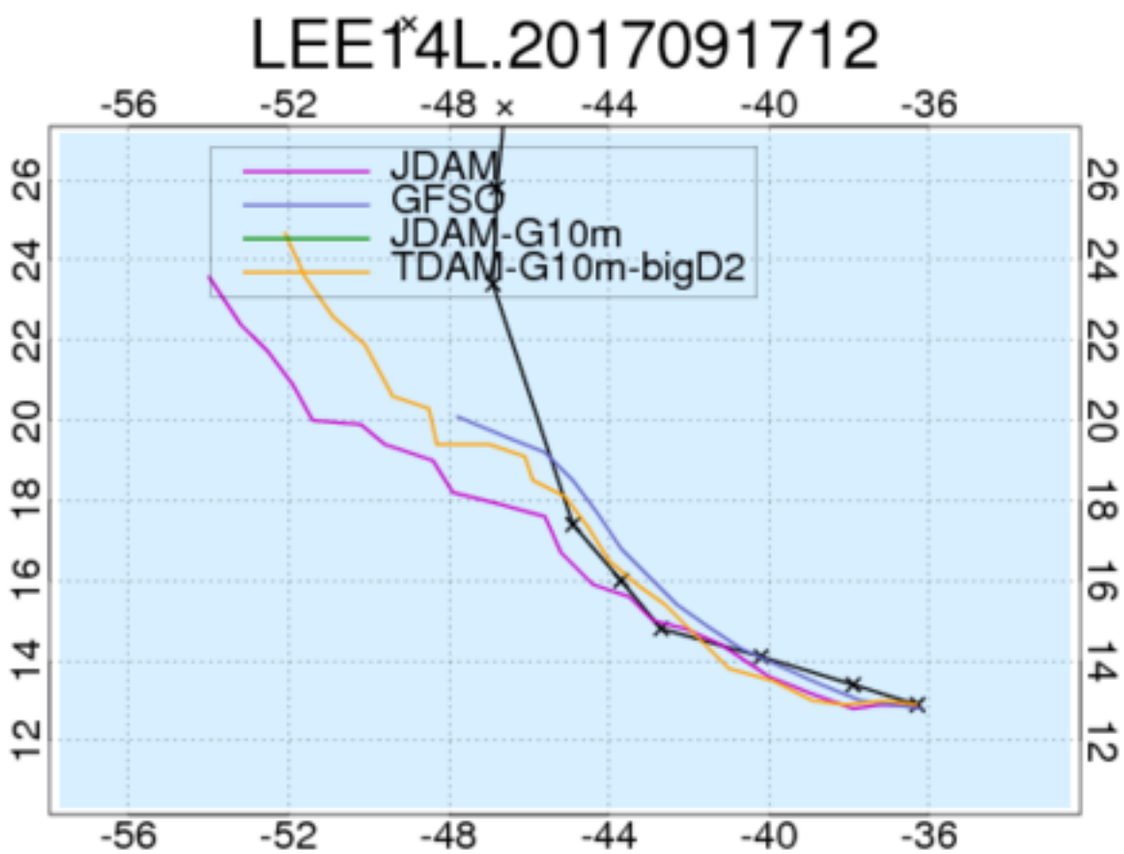

LEE14L.2017091700
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
10
20
30
40
50
60
0
20
40
60
80
100
120
140

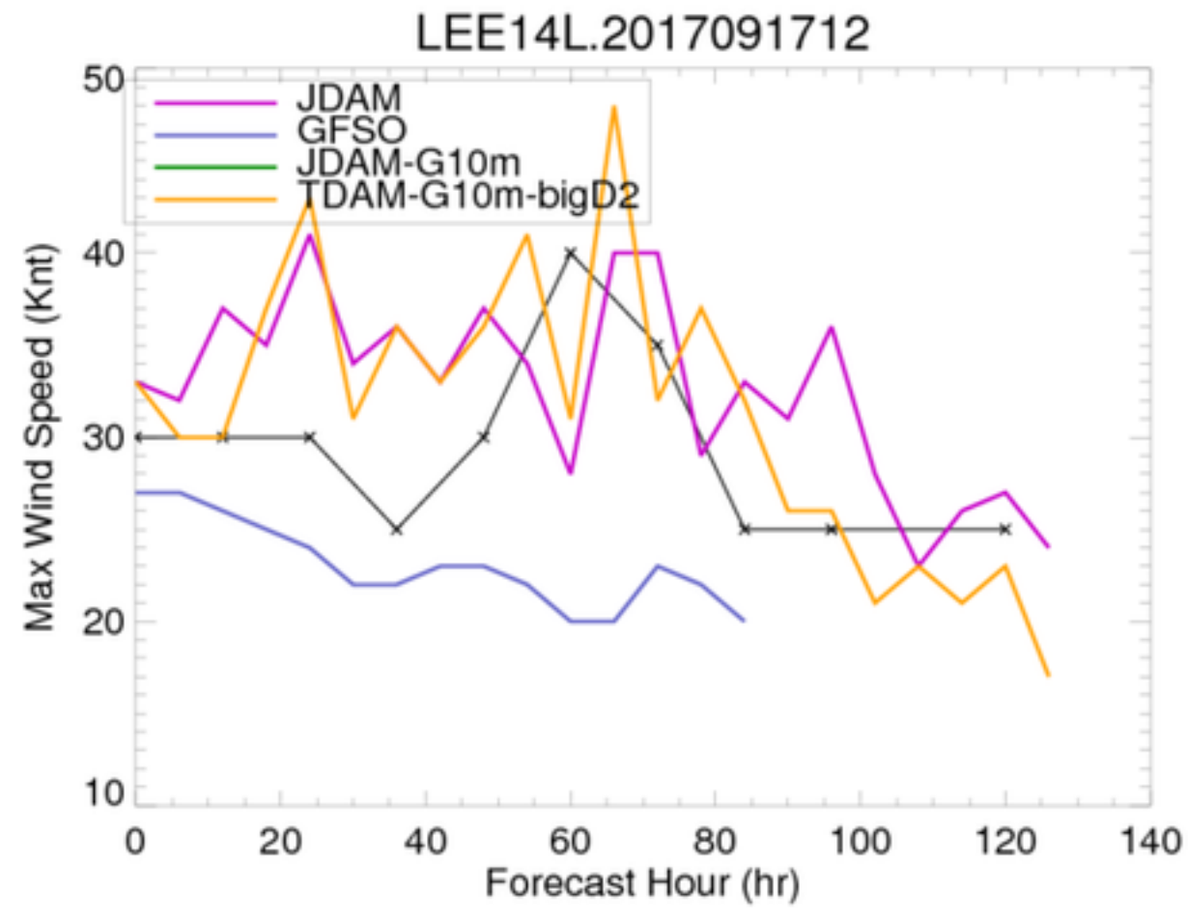

LEE14L.2017091700
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1006
1008
1010
1012
1014
1016
0
20
40
60
80
100
120
140

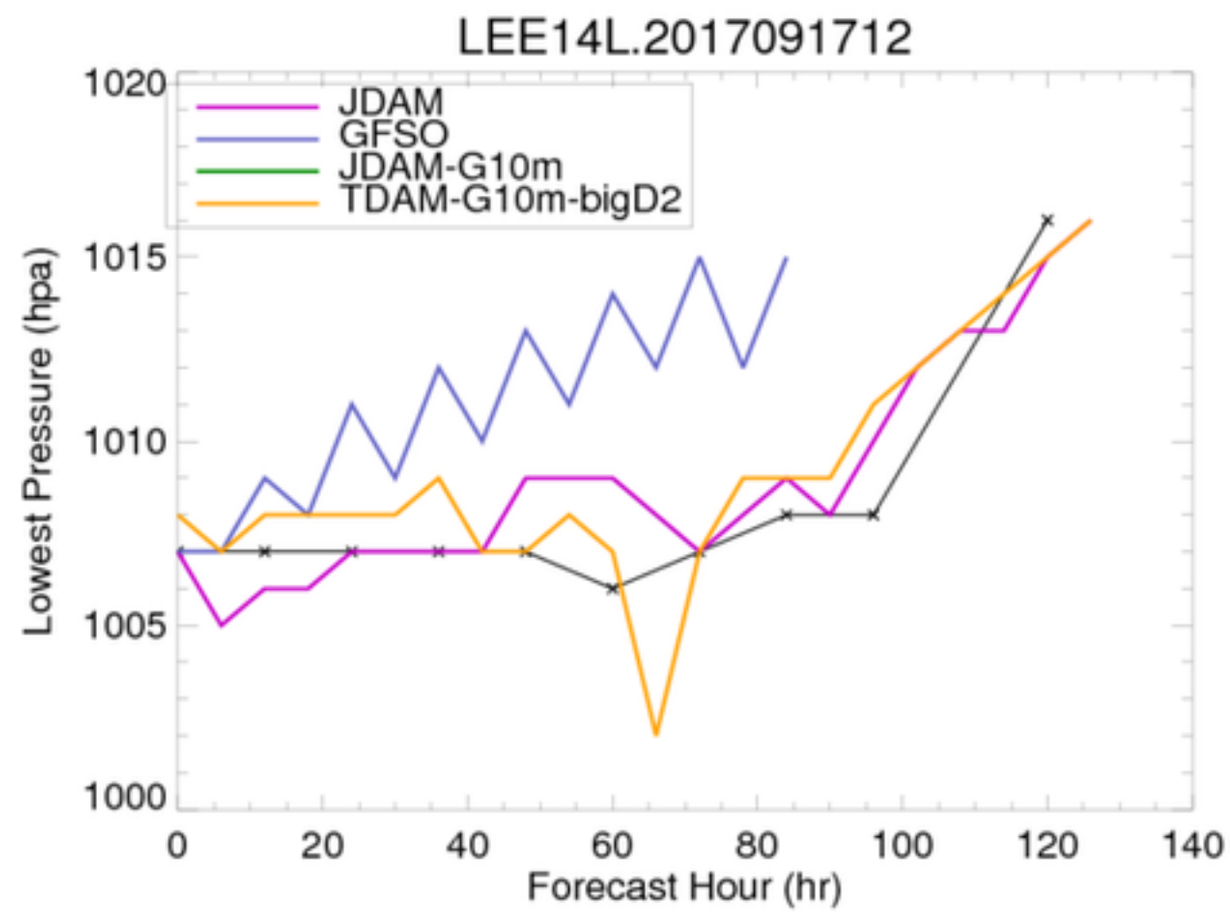

LEE14L.2017091706
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-56
-52
-48
-44
-40
-36
-32
12
14
16
18
20
22
24
26

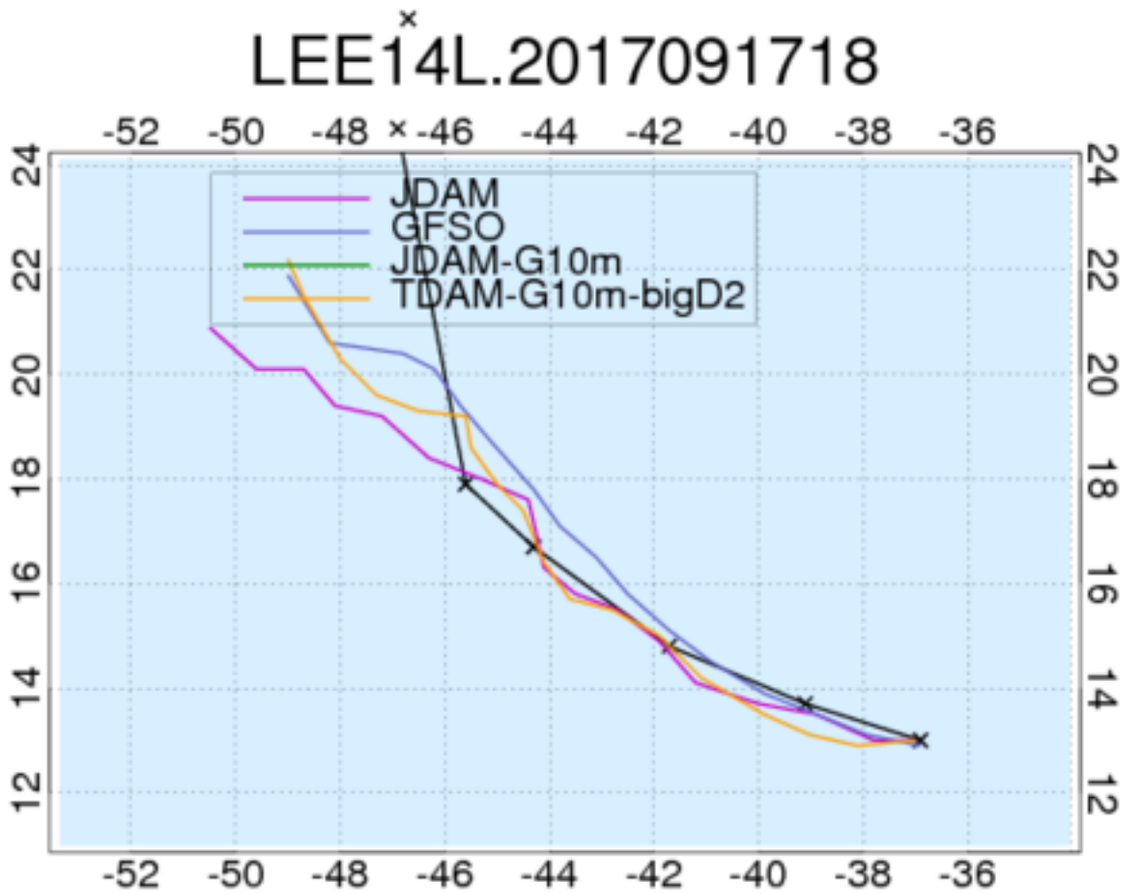

LEE14L.2017091706
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
20
30
40
50
60
70
0
20
40
60
80
100
120
140

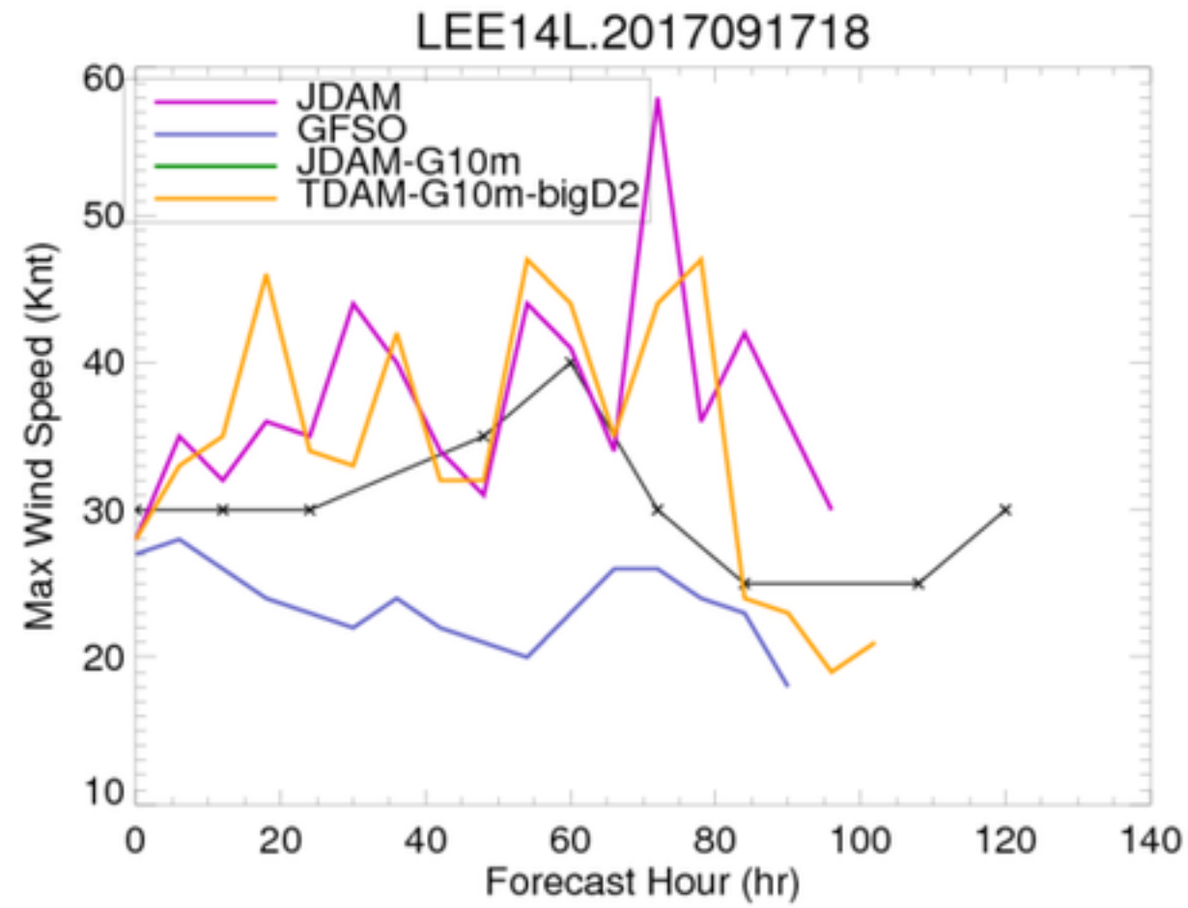

LEE14L.2017091706
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
995
1000
1005
1010
1015
1020
0
20
40
60
80
100
120
140

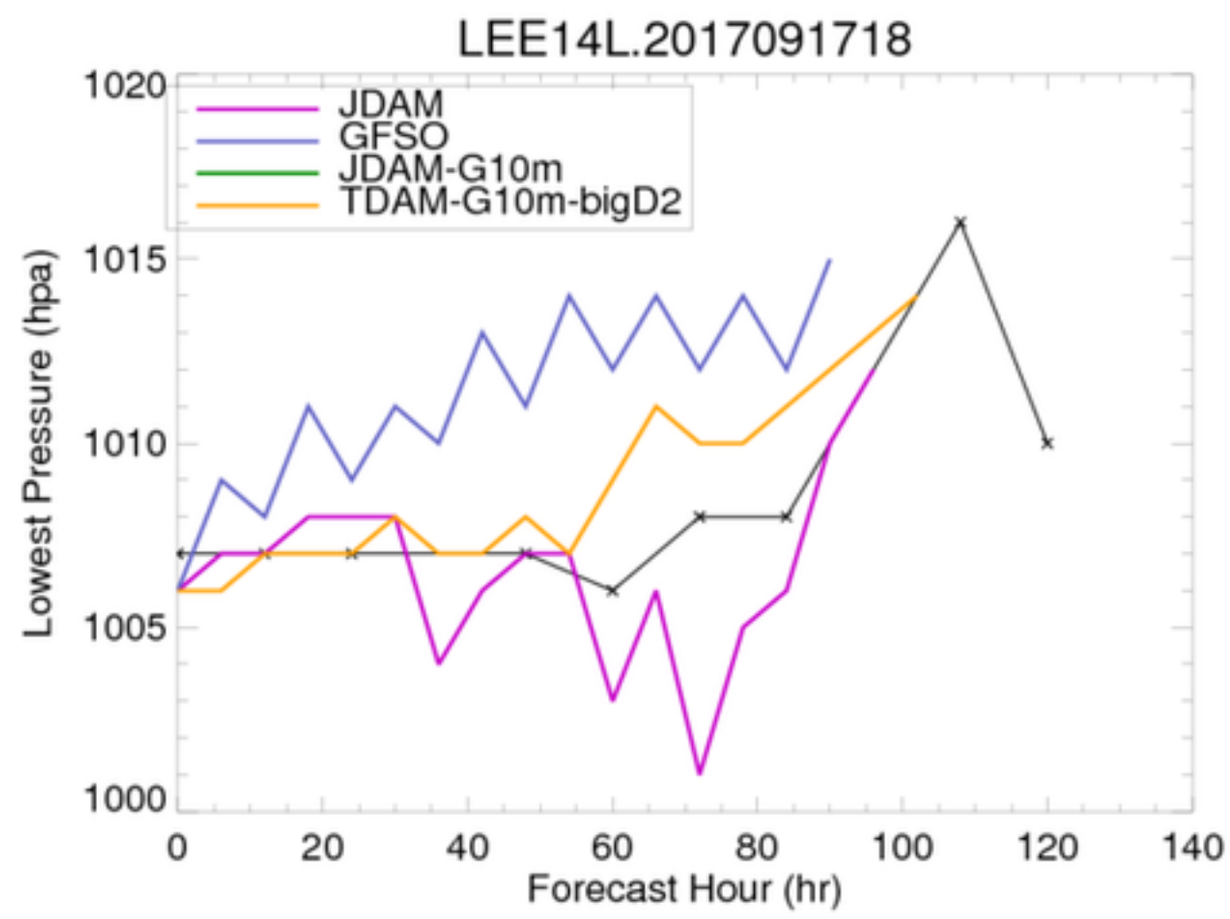

LEE14L.2017091712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-56
-52
-48
-44
-40
-36
12
14
16
18
20
22
24
26

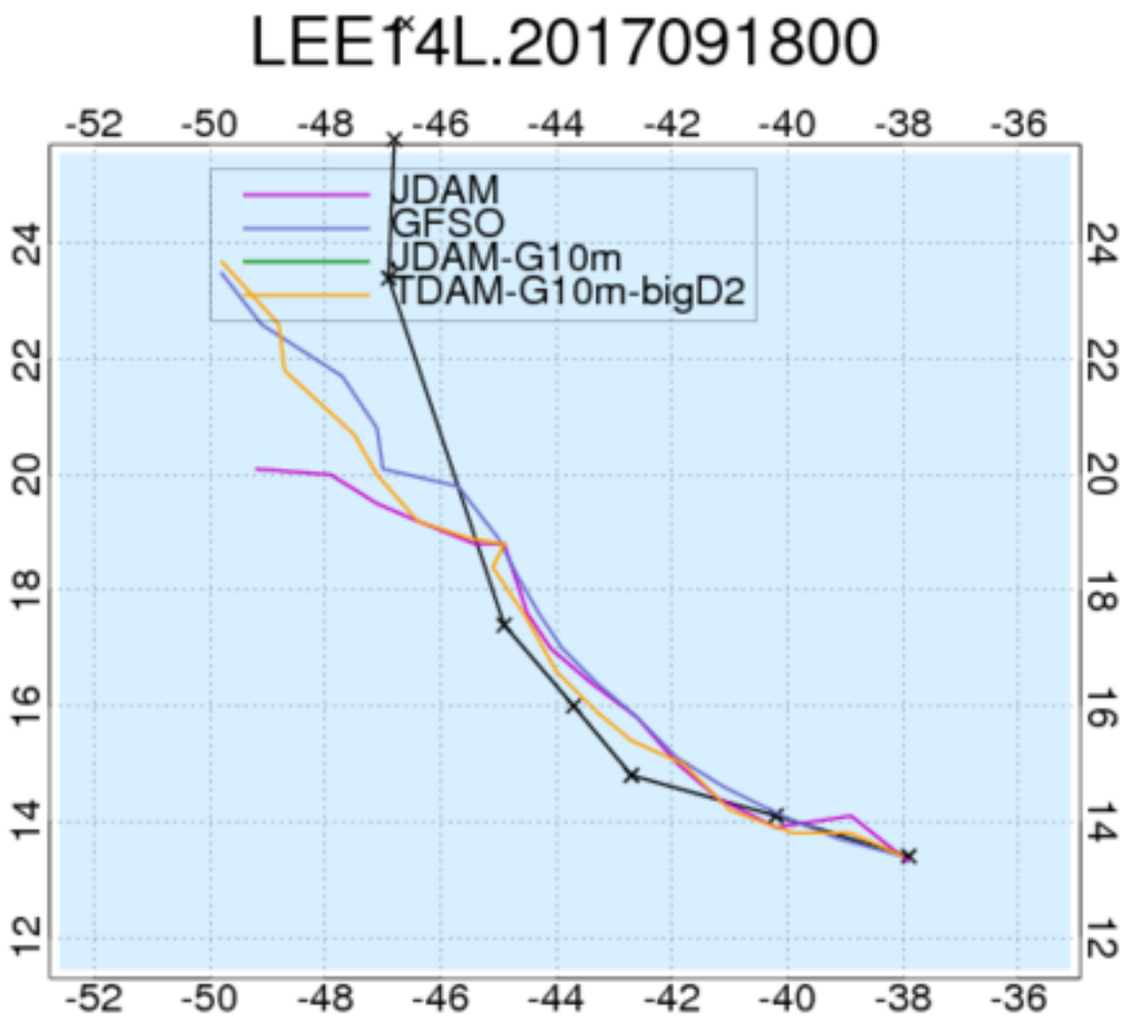

LEE14L.2017091712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
10
20
30
40
50
0
20
40
60
80
100
120
140

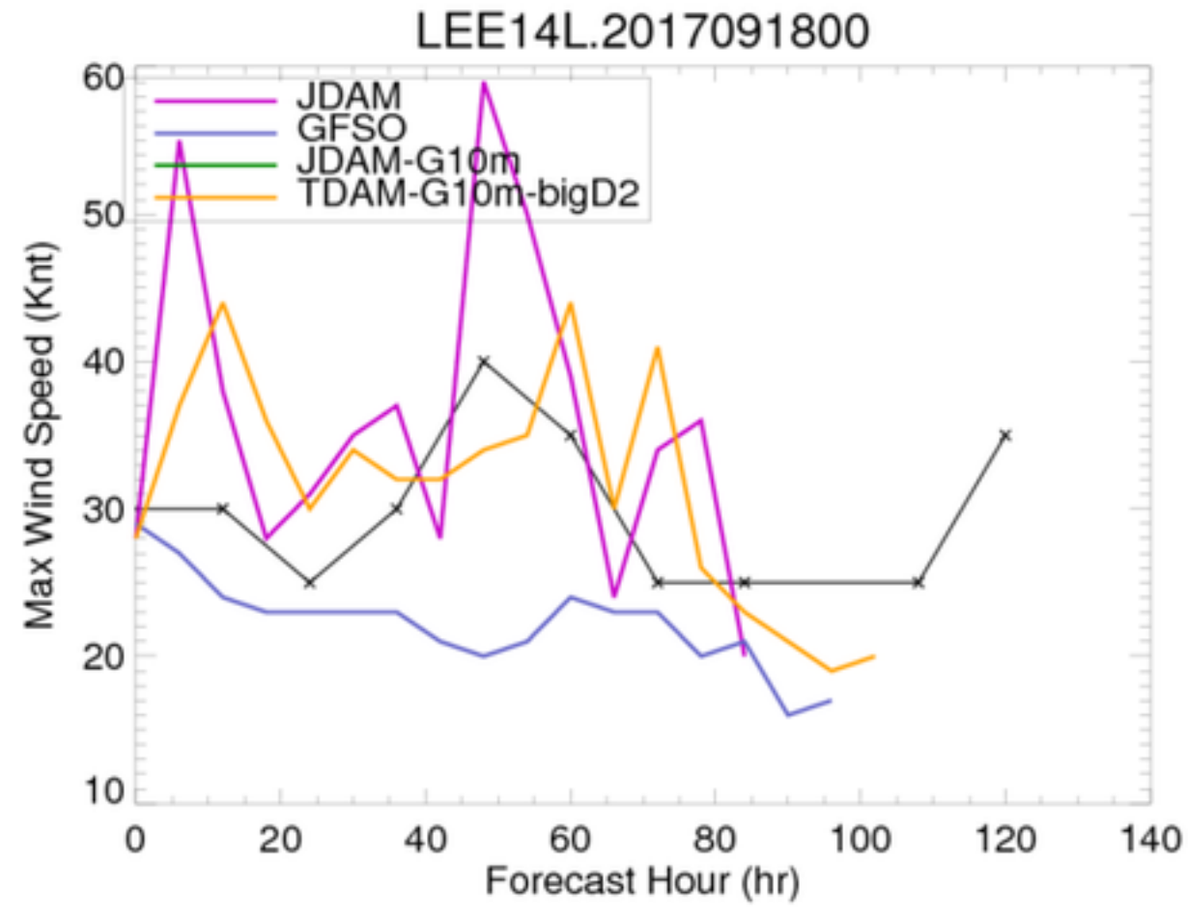

LEE14L.2017091712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1000
1005
1010
1015
1020
0
20
40
60
80
100
120
140

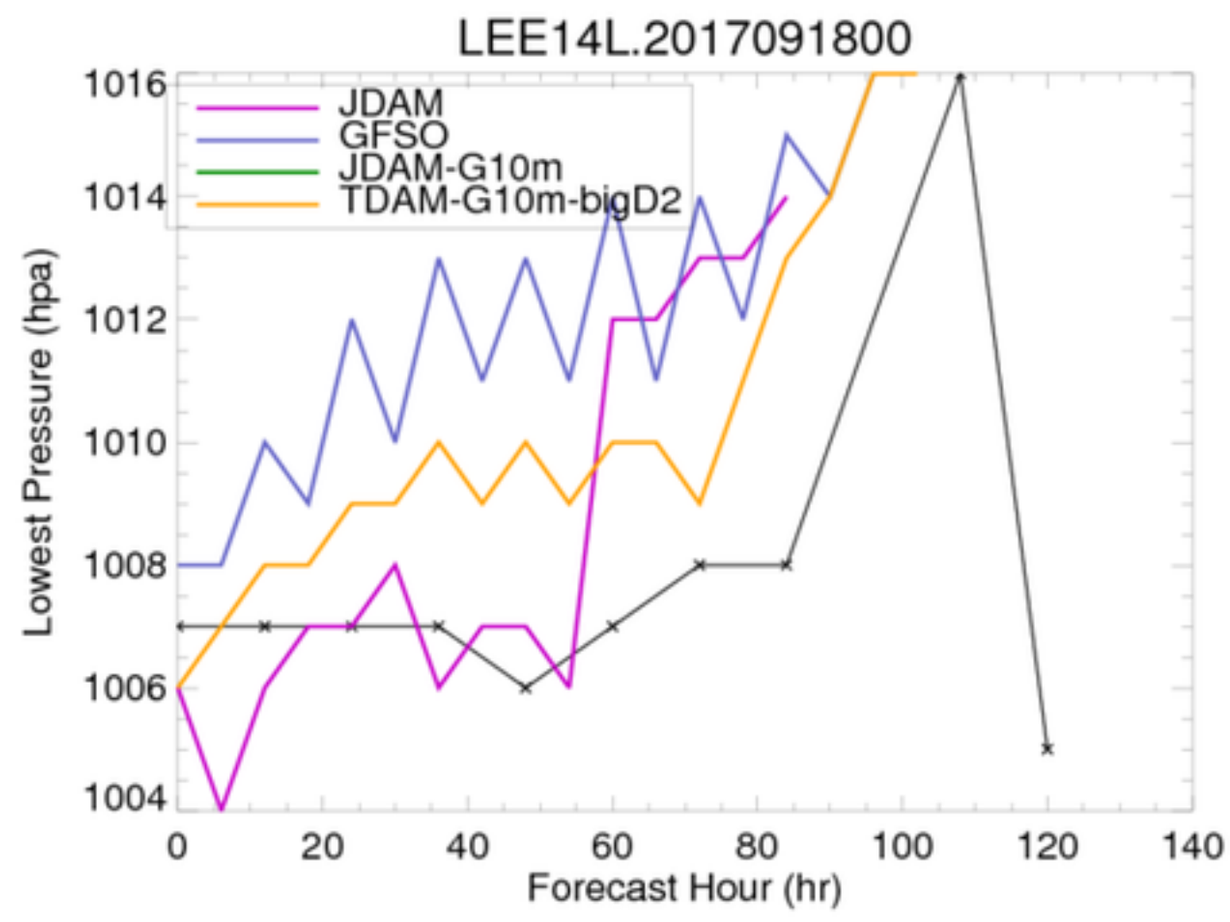

LEE14L.2017091718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-52 -50 -48 -46 -44 -42 -40 -38 -36
12 14 16 18 20 22 24

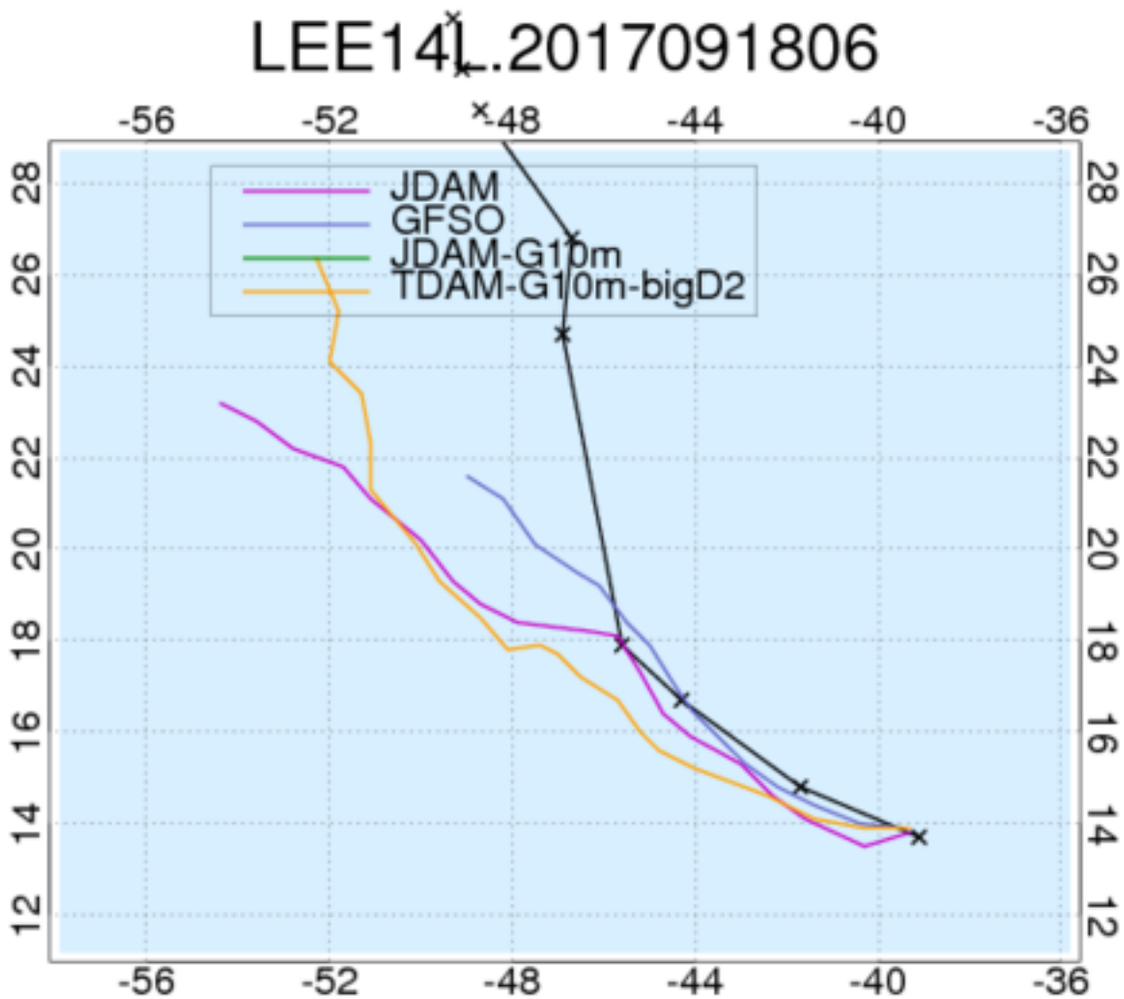

LEE14L.2017091718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
10 20 30 40 50 60
0 20 40 60 80 100 120 140
Forecast Hour (hr)

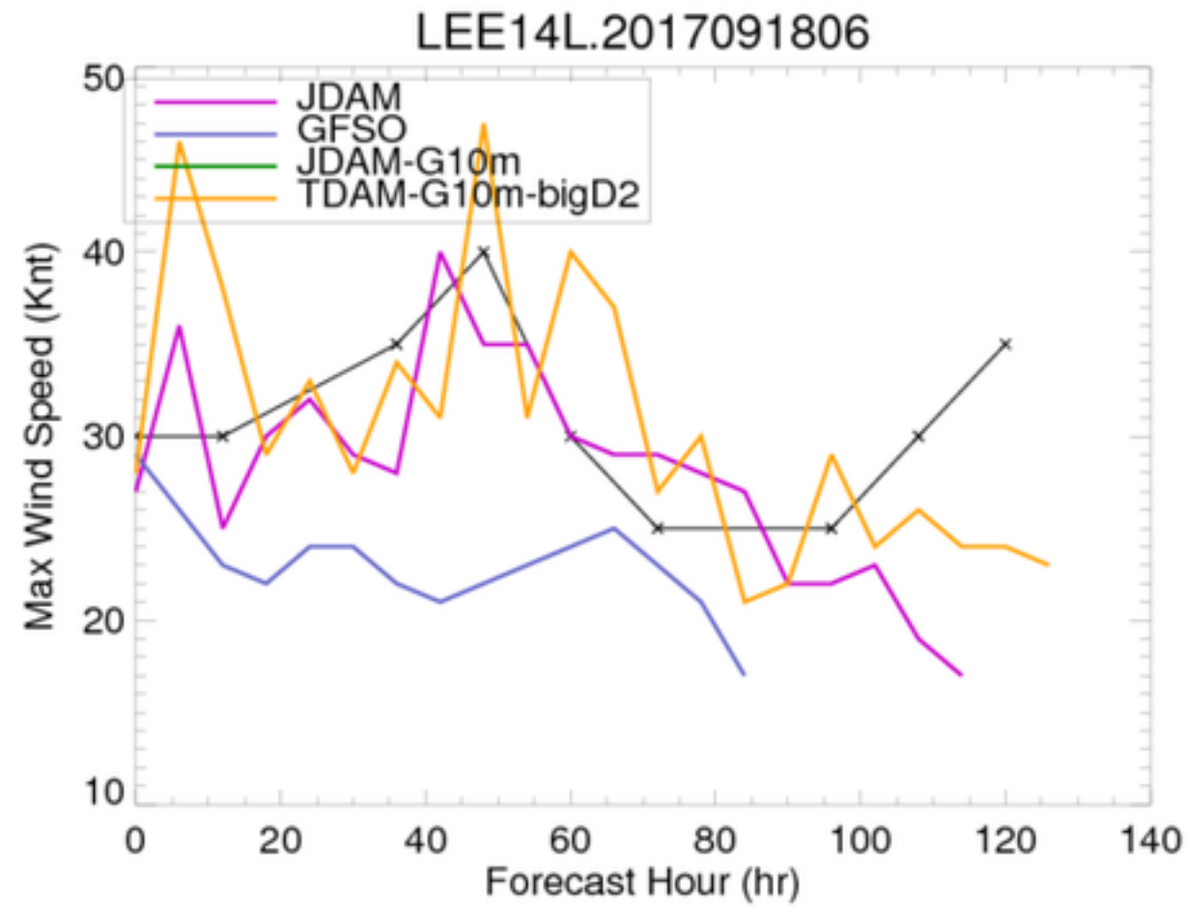

LEE14L.2017091718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
1000 1005 1010 1015 1020
0 20 40 60 80 100 120 140
Forecast Hour (hr)

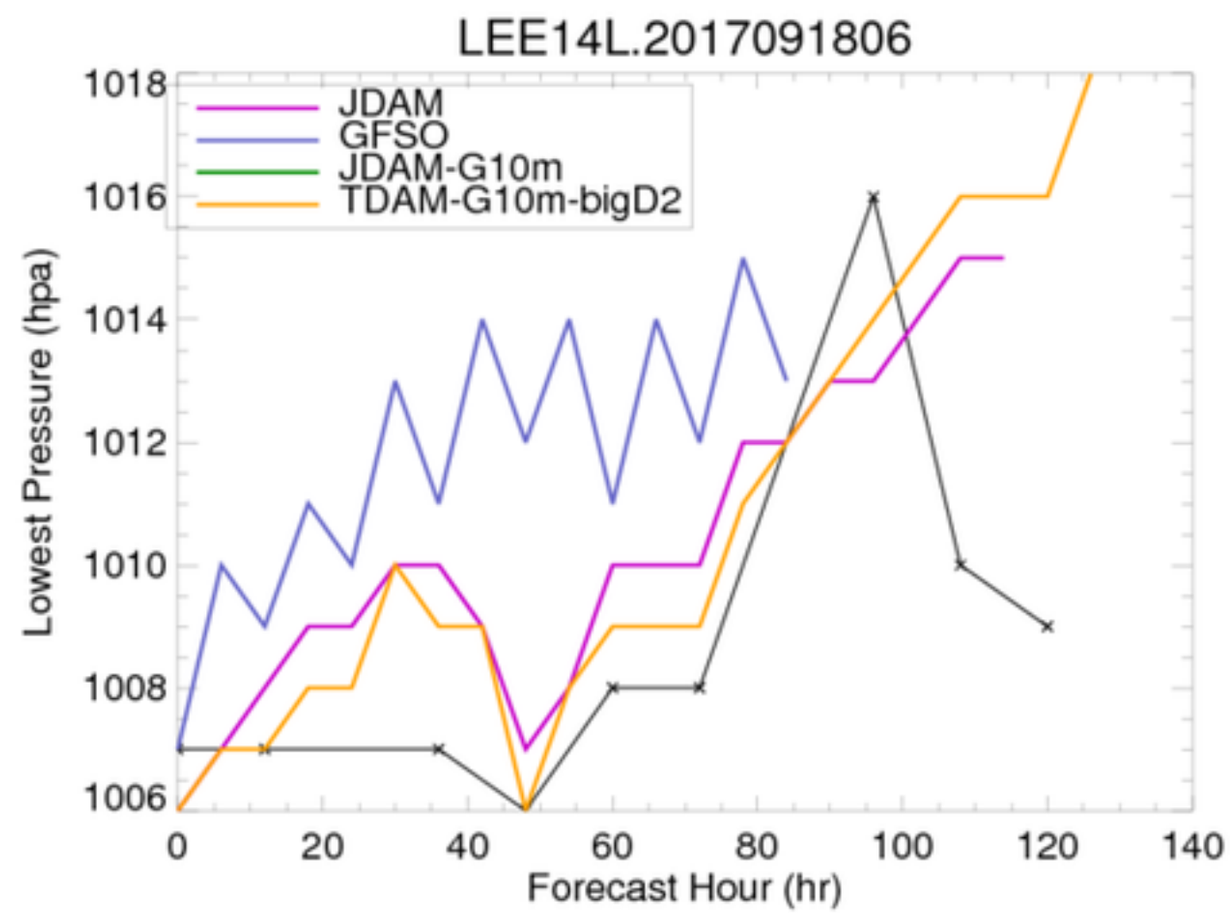

LEE14L.2017091800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-52 -50 -48 -46 -44 -42 -40 -38 -36
12 14 16 18 20 22 24

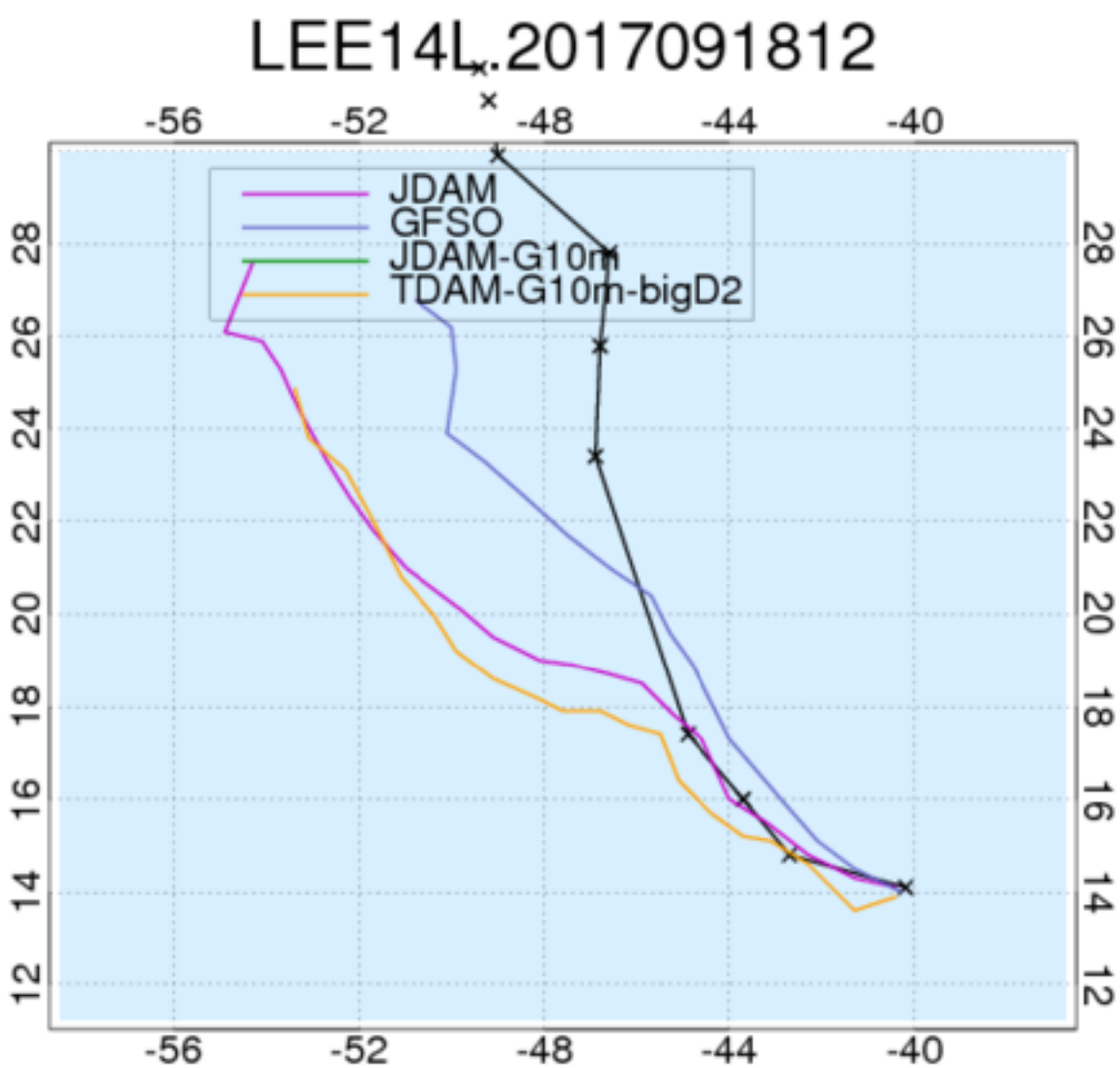

LEE14L.2017091800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
10 20 30 40 50 60
0 20 40 60 80 100 120 140
Forecast Hour (hr)

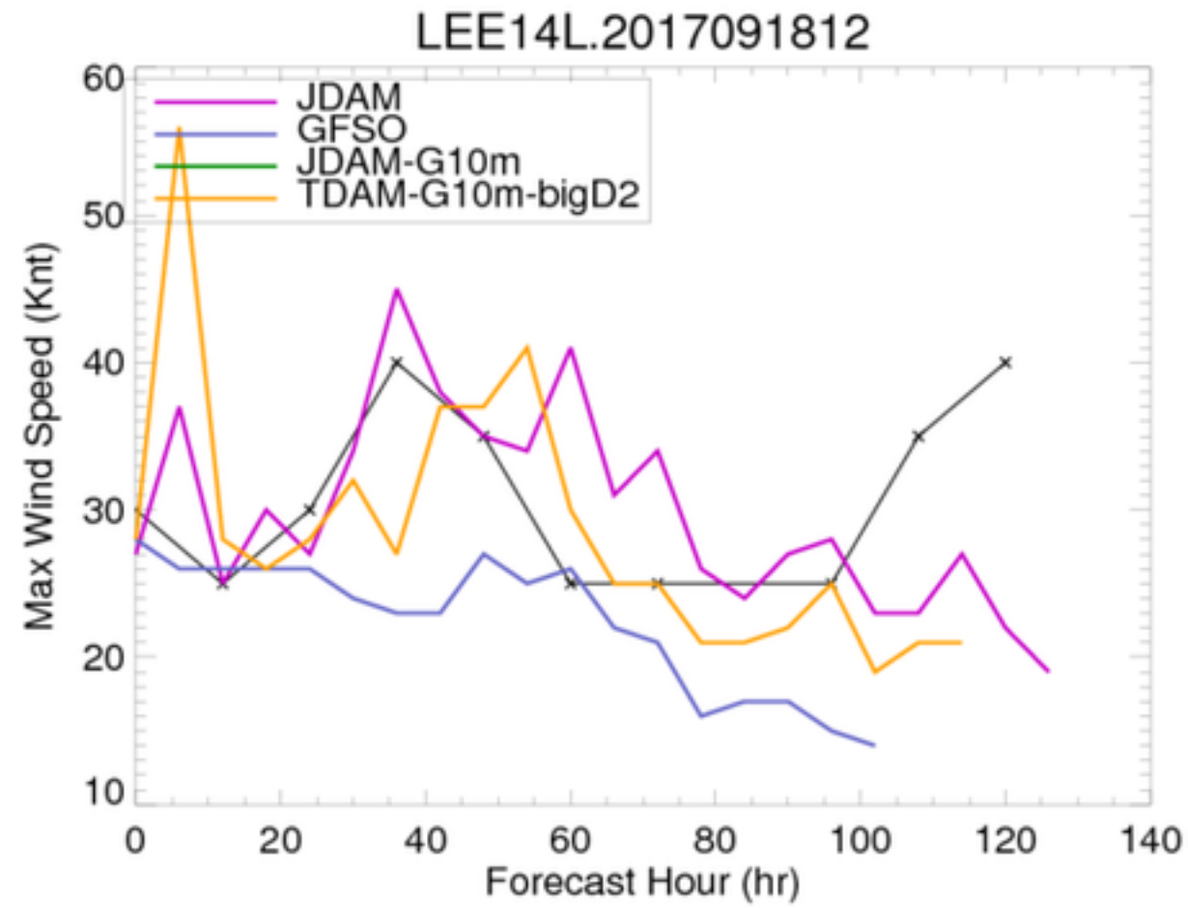

LEE14L.2017091800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
1004 1006 1008 1010 1012 1014 1016
0 20 40 60 80 100 120 140
Forecast Hour (hr)

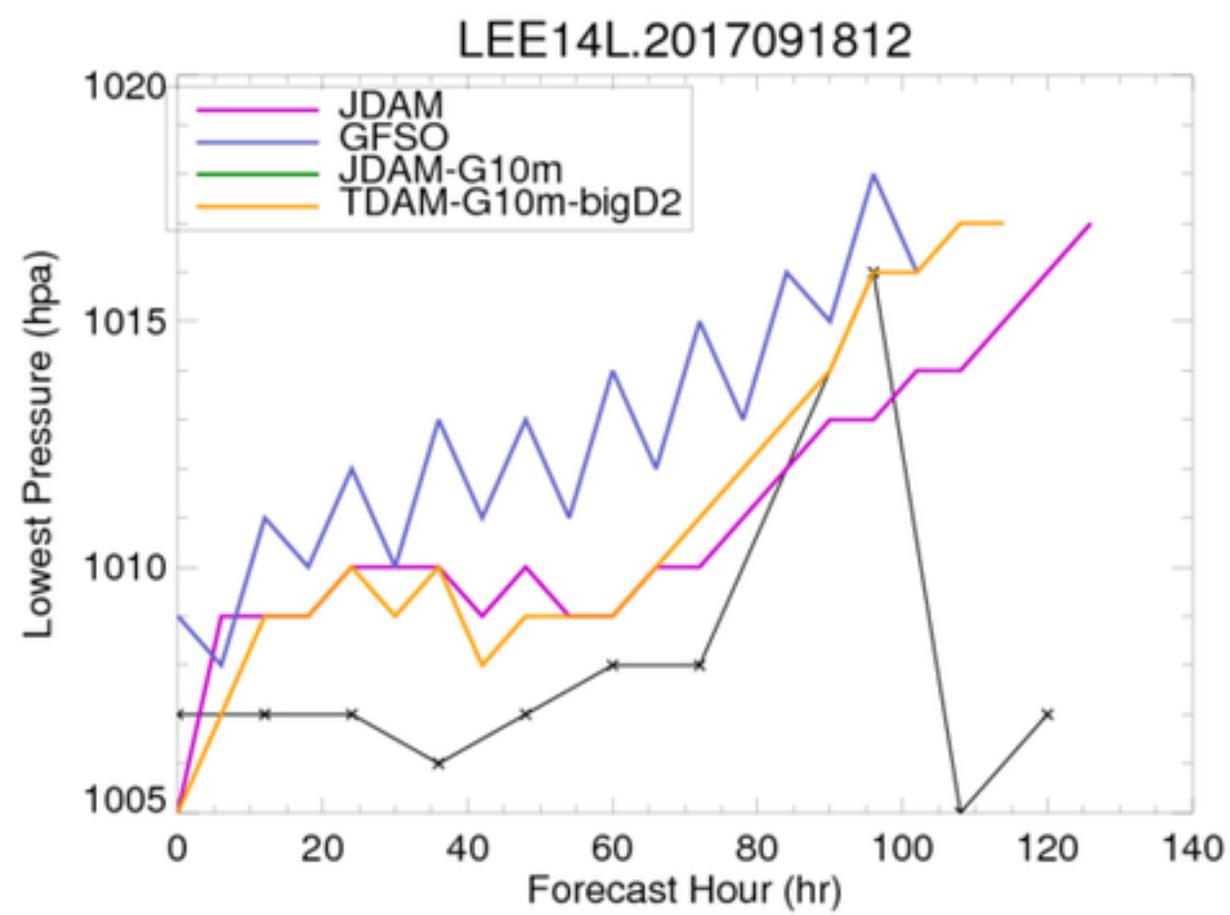

LEE14L.2017091806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-56
-52
-48
-44
-40
-36
12
14
16
18
20
22
24
26
28

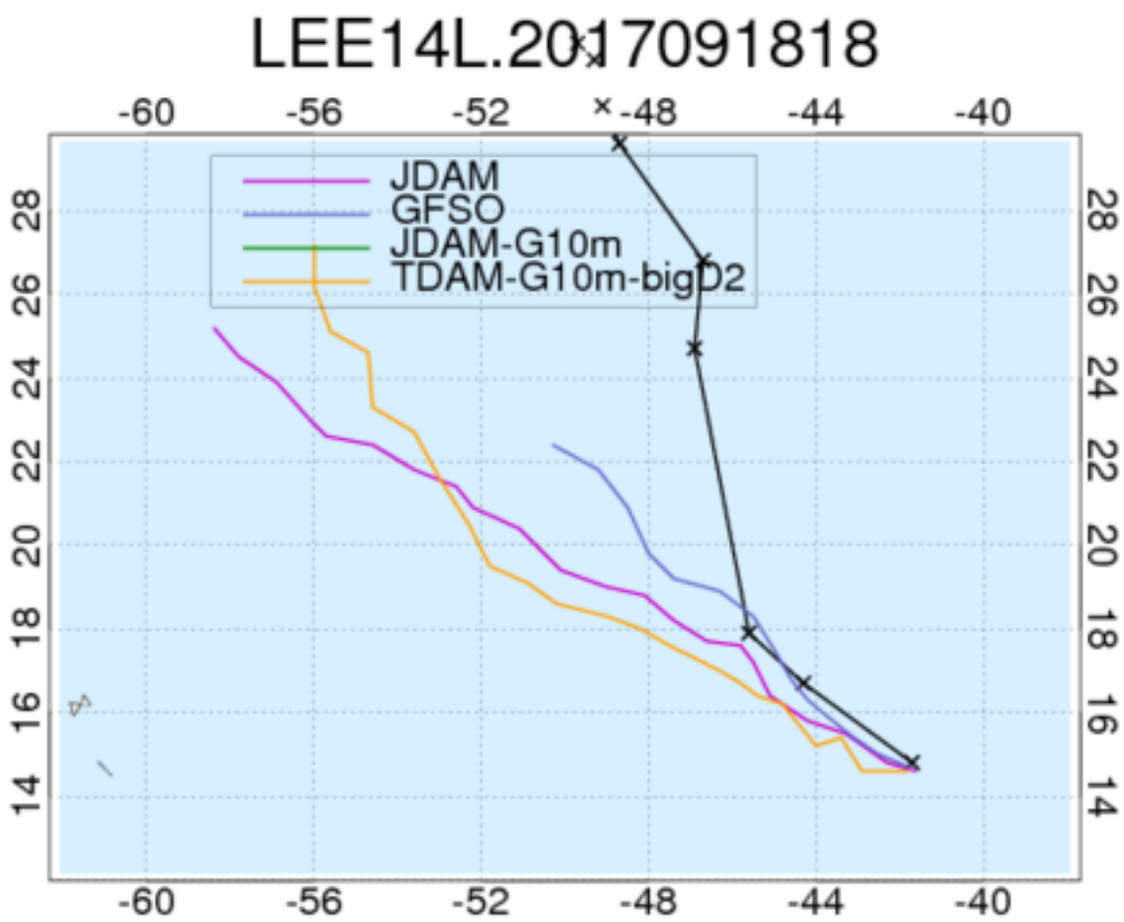

LEE14L.2017091806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
10
20
30
40
50
0
20
40
60
80
100
120
140

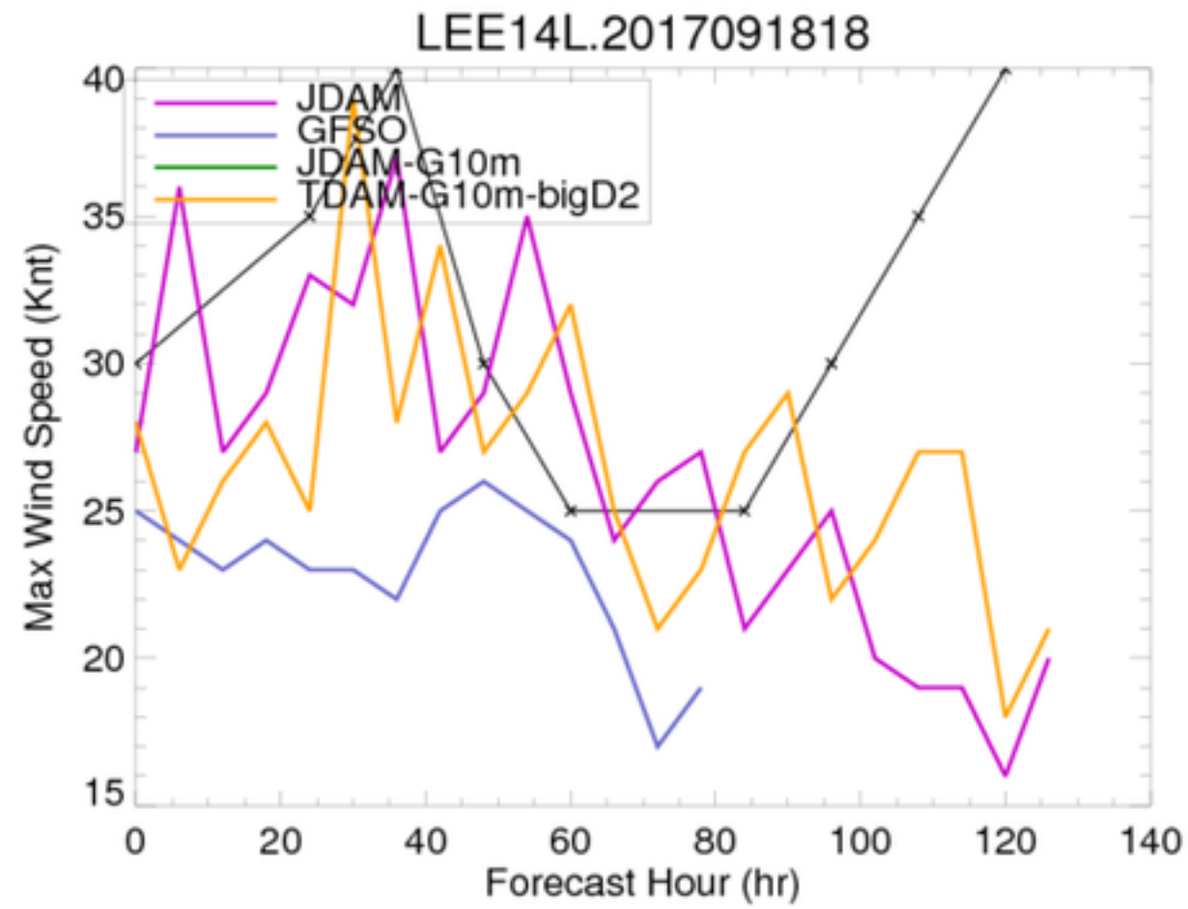

LEE14L.2017091806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1006
1008
1010
1012
1014
1016
1018
0
20
40
60
80
100
120
140

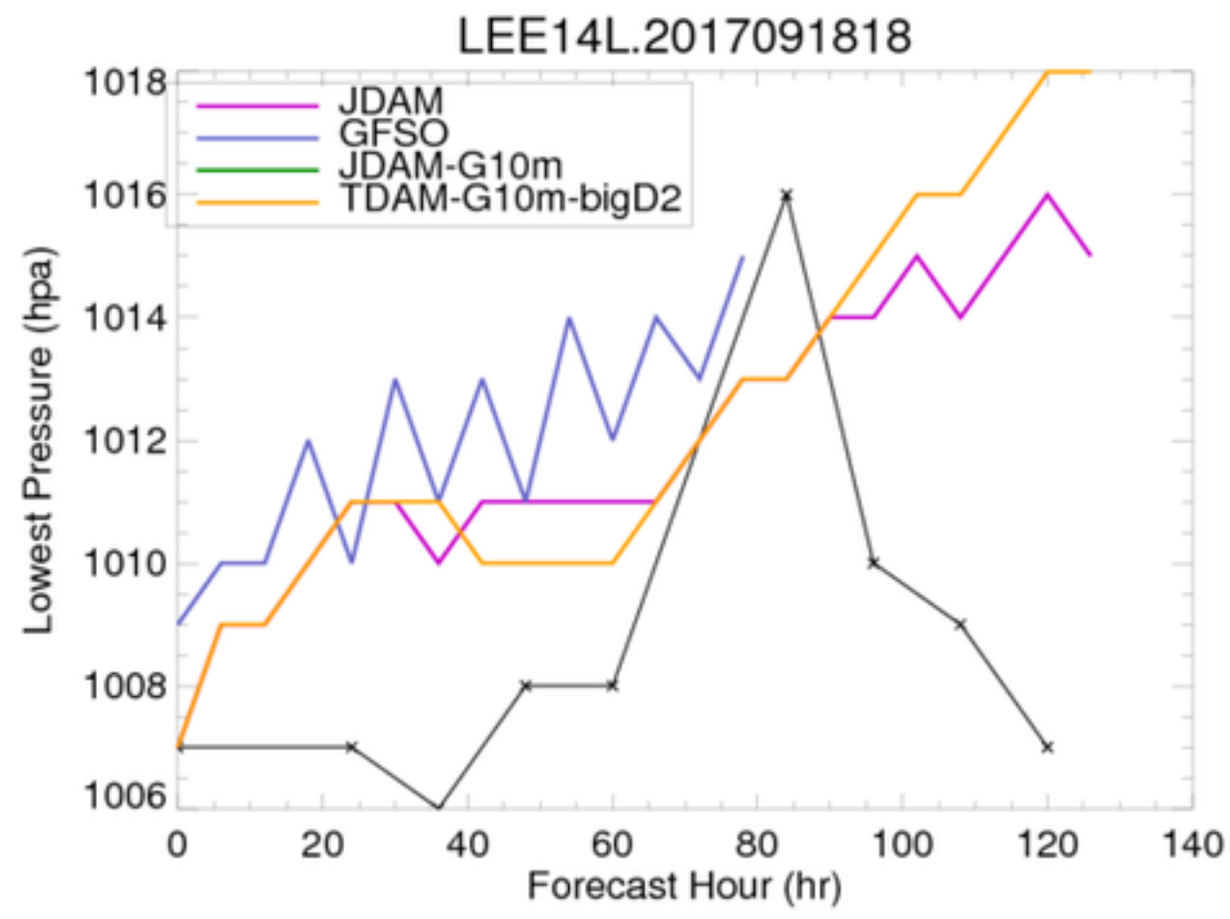

LEE14L.2017091812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-56
-52
-48
-44
-40
12
14
16
18
20
22
24
26
28

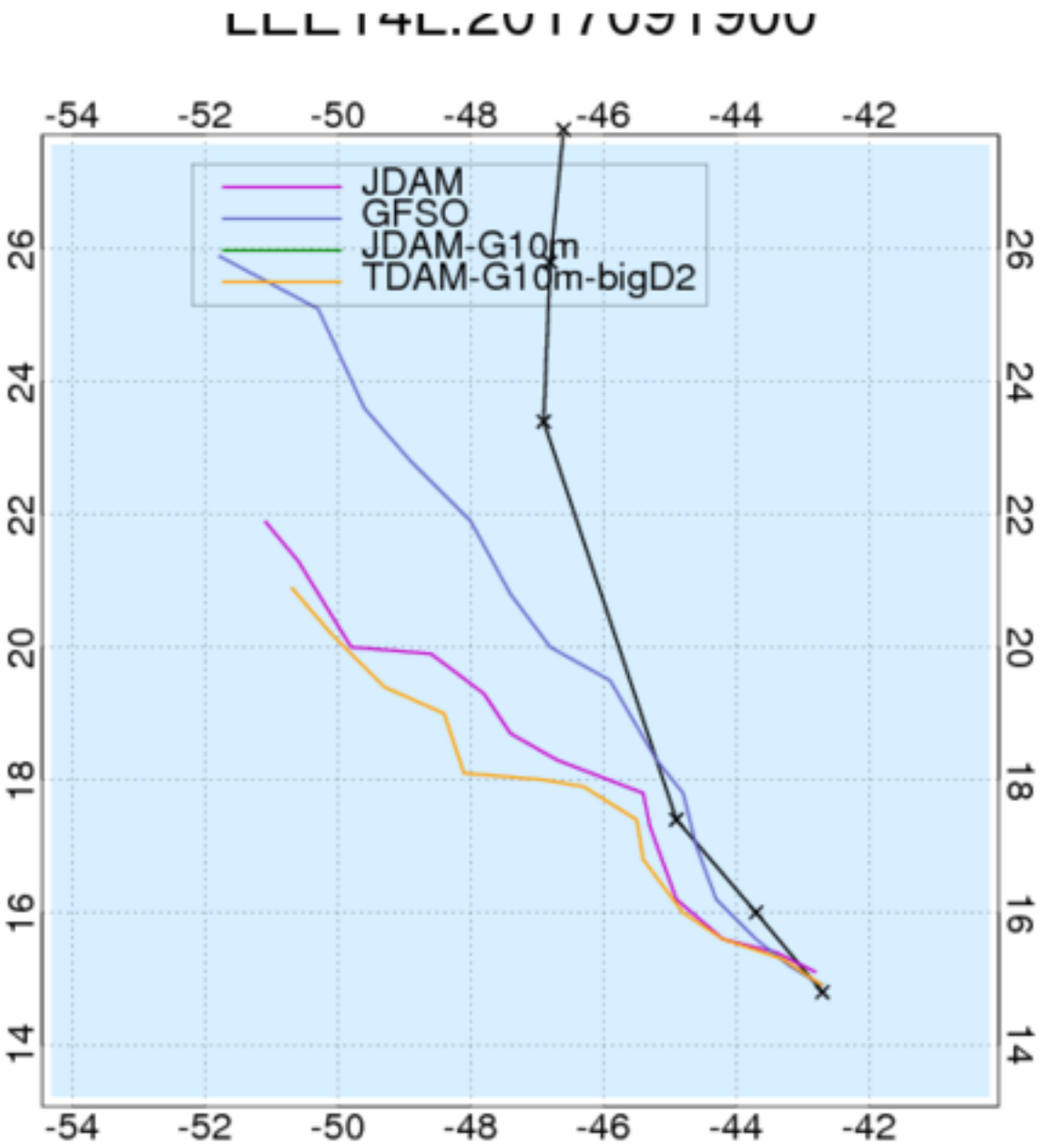

LEE14L.2017091812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
10
20
30
40
50
60
0
20
40
60
80
100
120
140

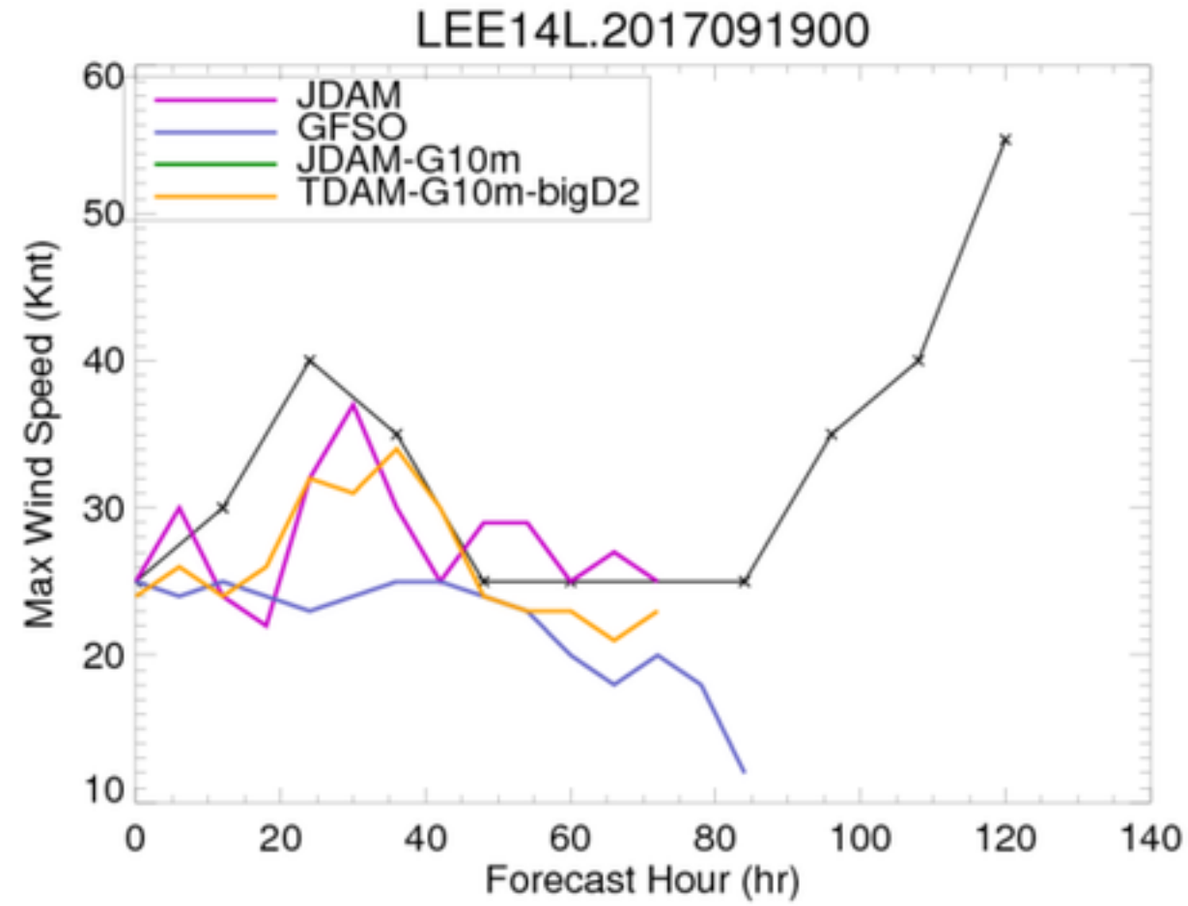

LEE14L.2017091812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1005
1010
1015
1020
0
20
40
60
80
100
120
140

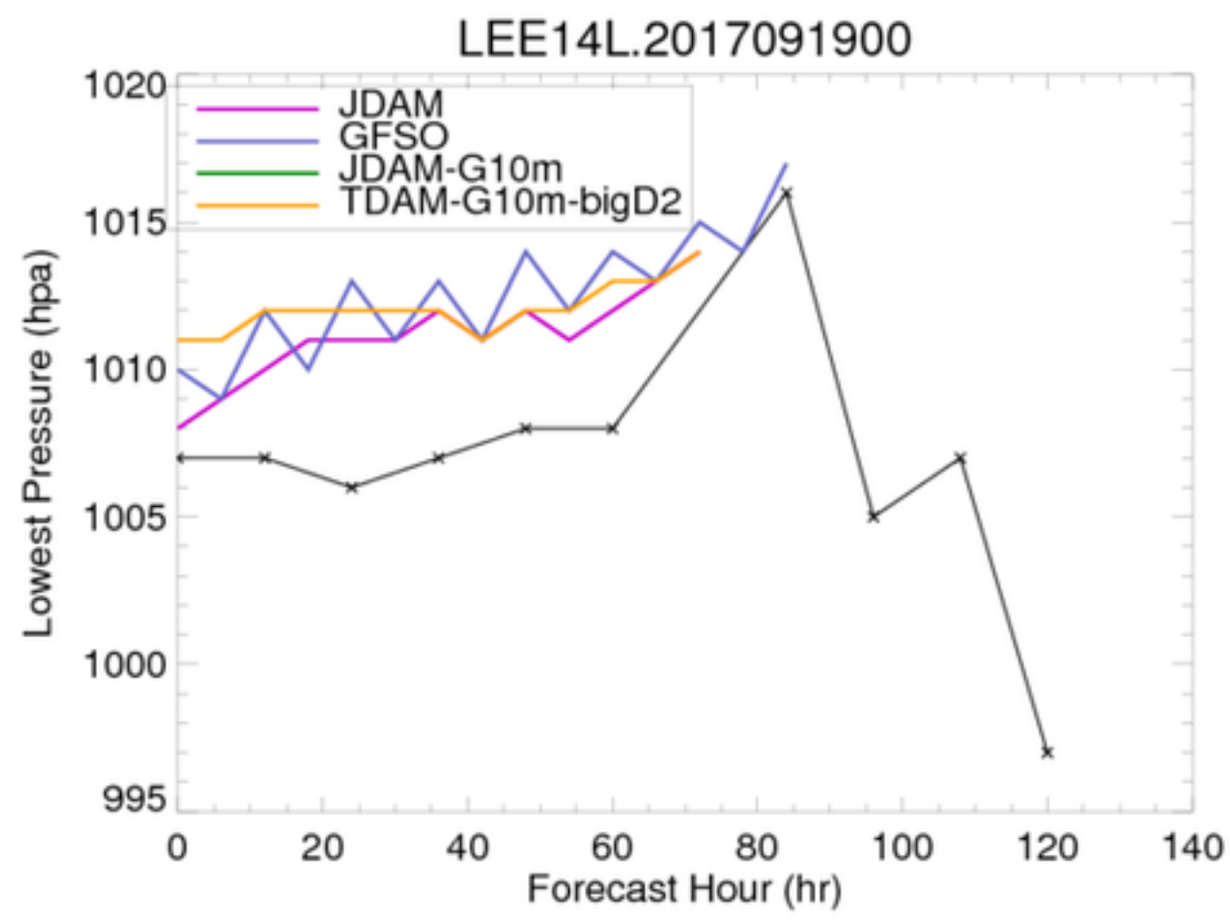

LEE14L.2017091818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-60
-56
-52
-48
-44
-40
14
16
18
20
22
24
26
28

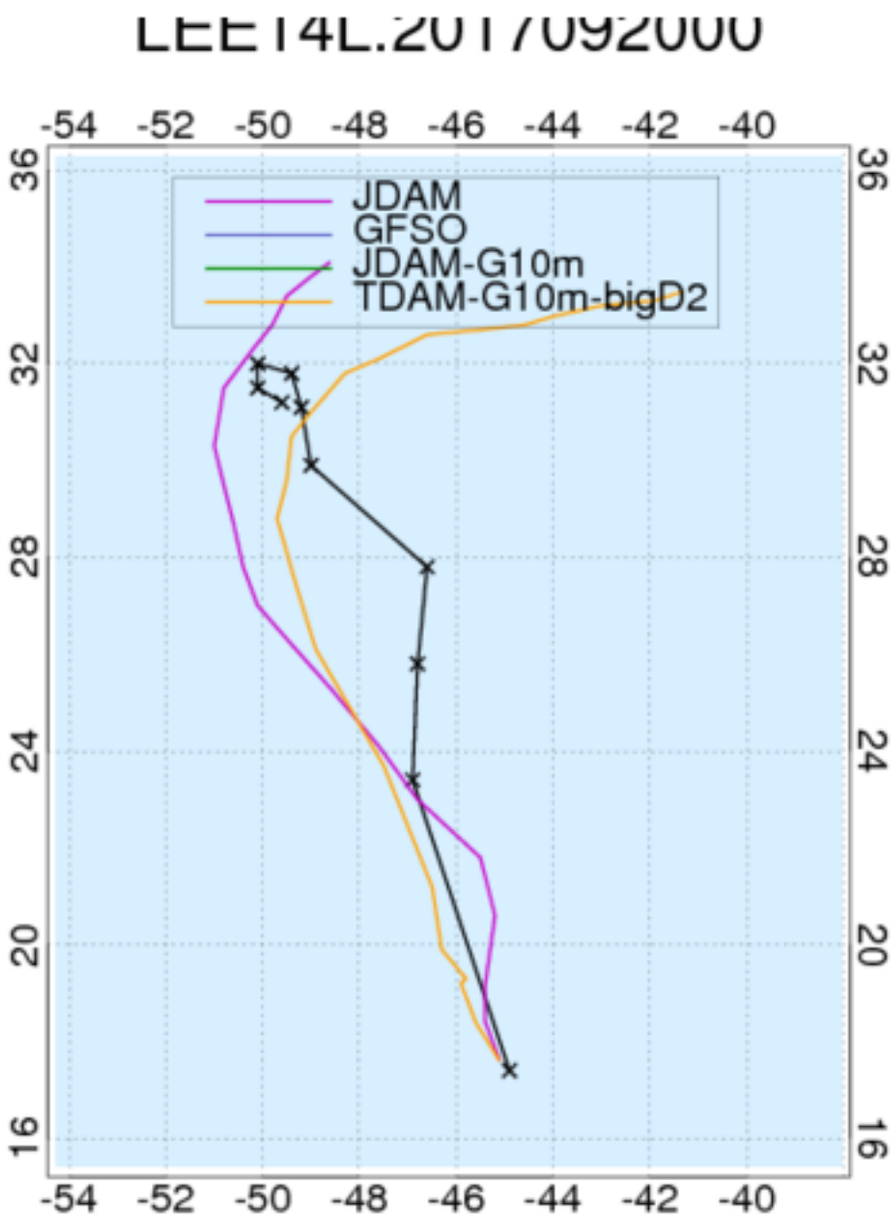

LEE14L.2017091818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
15
20
25
30
35
40
0
20
40
60
80
100
120
140

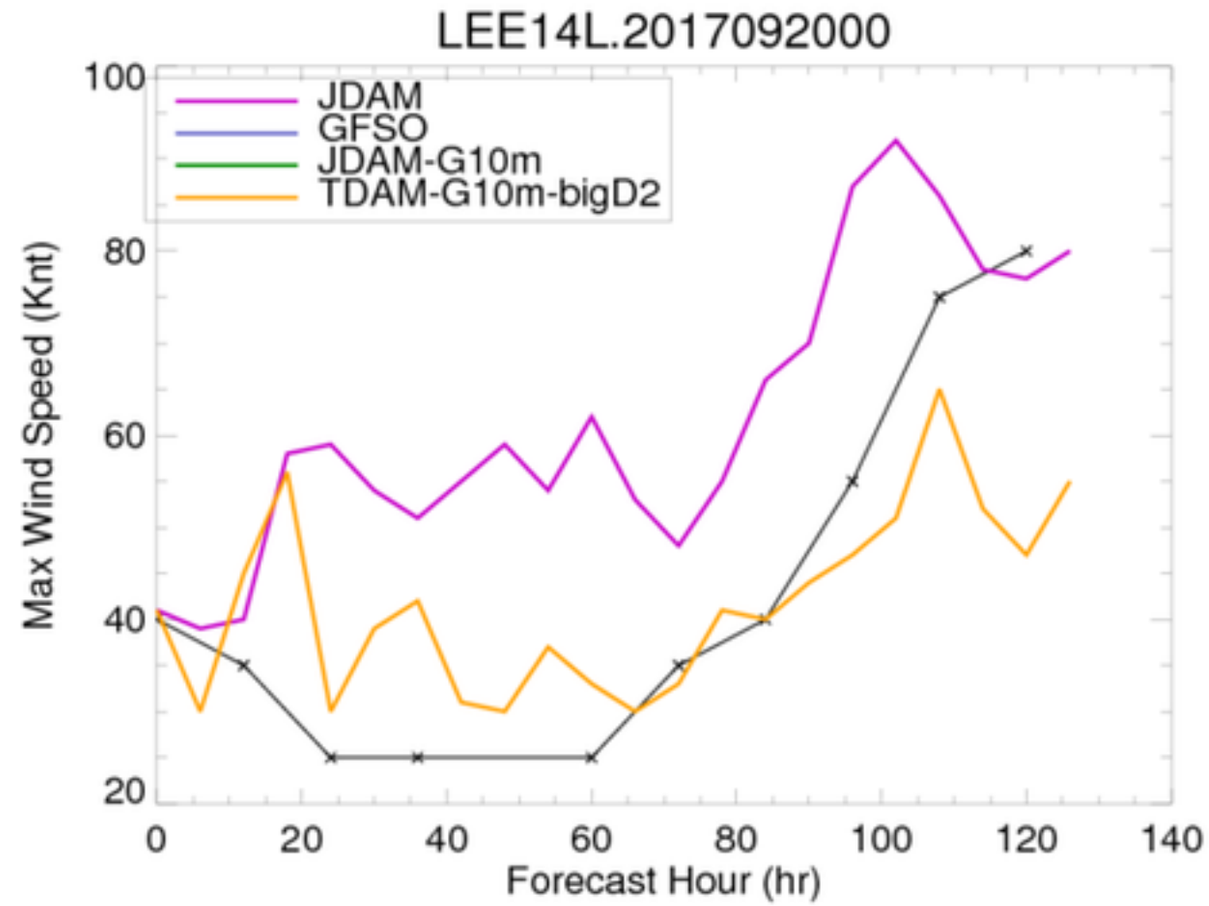

LEE14L.2017091818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1006
1008
1010
1012
1014
1016
1018
0
20
40
60
80
100
120
140

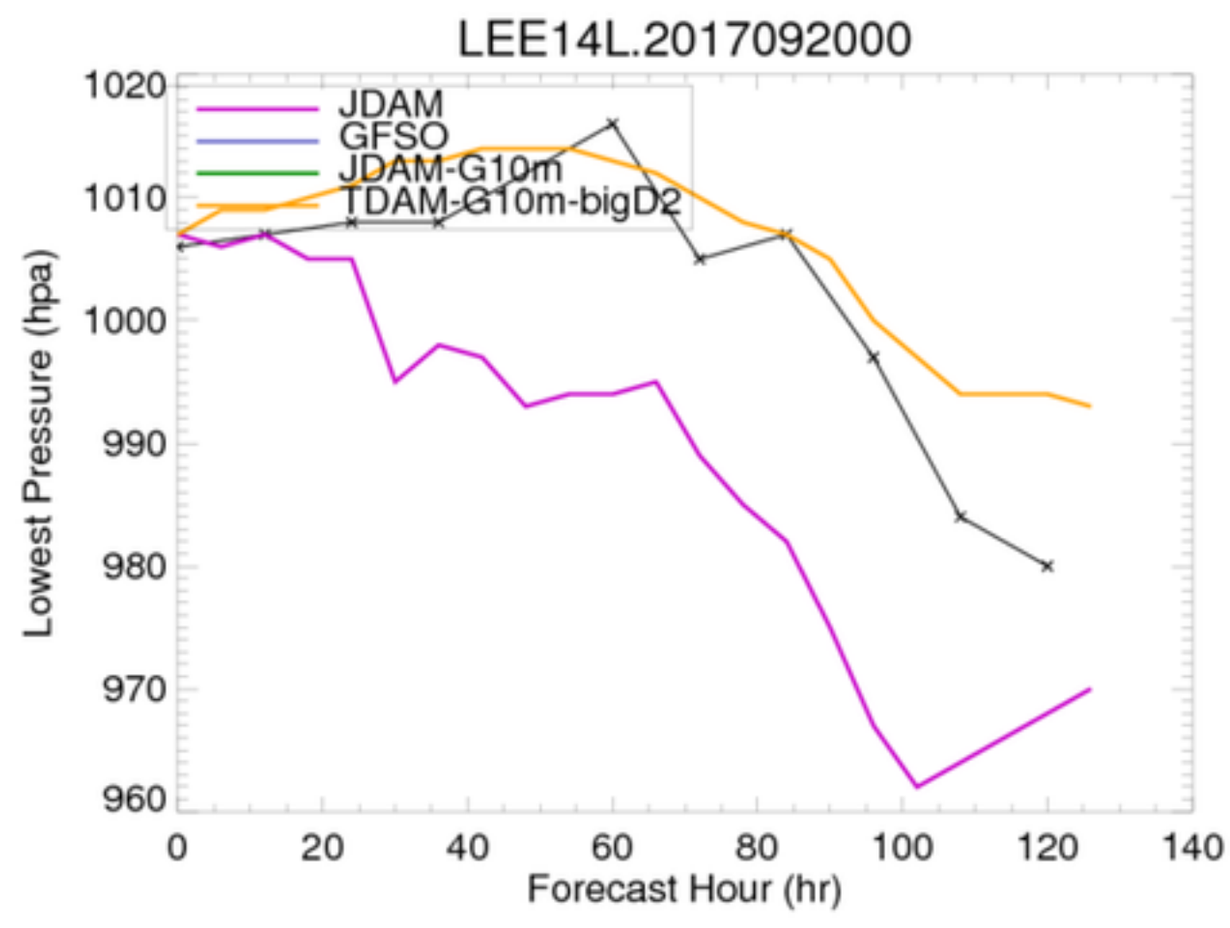

LEE14L.2017091900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-54
-52
-50
-48
-46
-44
-42
14
16
18
20
22
24
26

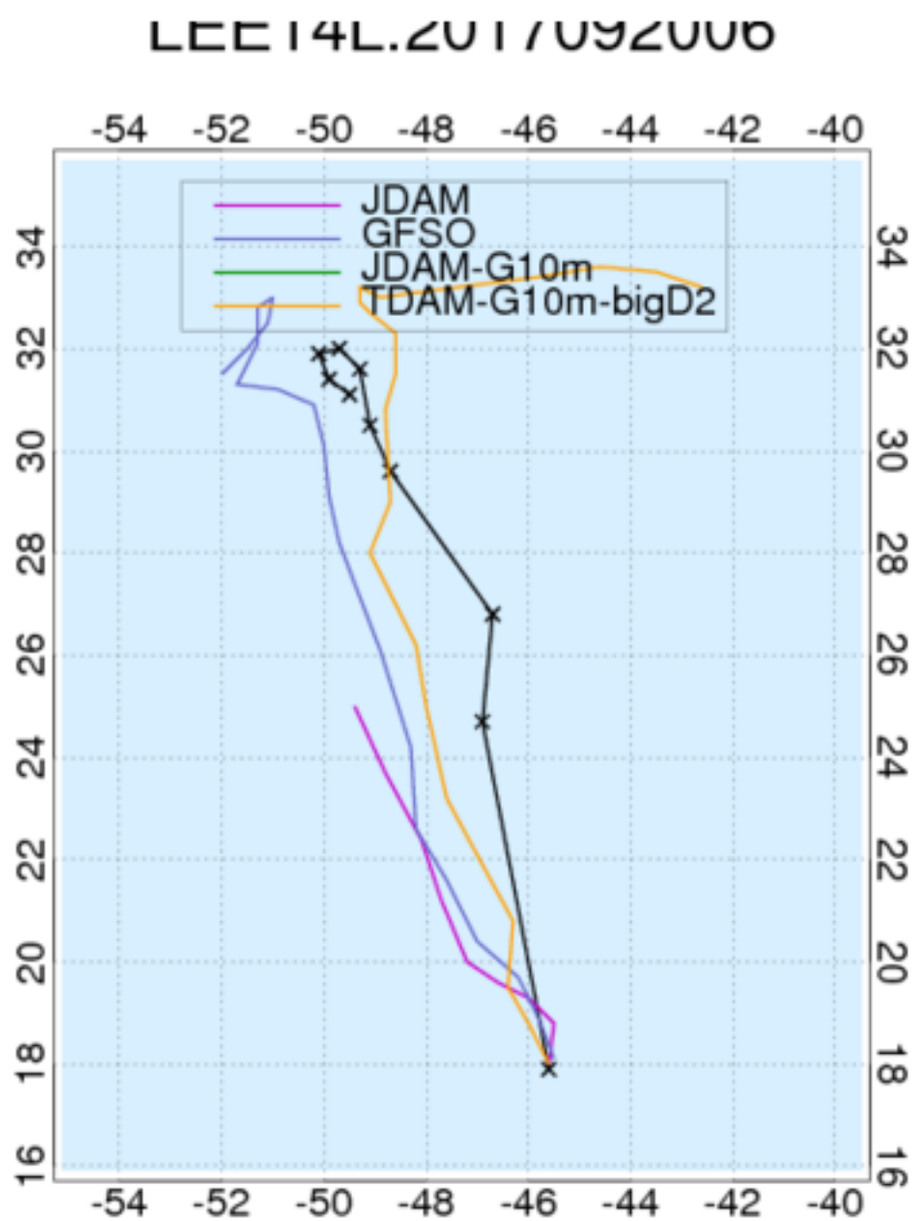

LEE14L.2017091900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
10
20
30
40
50
60
0
20
40
60
80
100
120
140
Forecast Hour (hr)

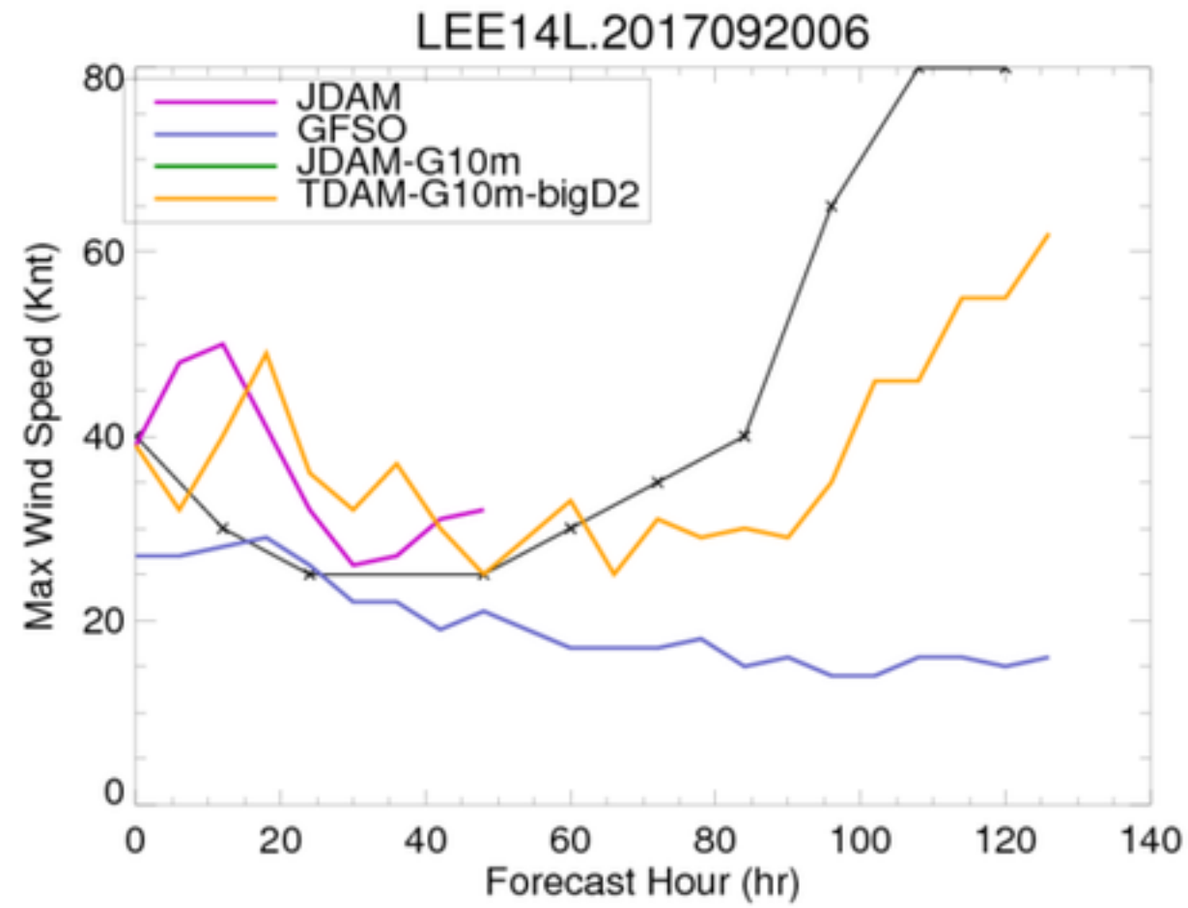

LEE14L.2017091900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
995
1000
1005
1010
1015
1020
0
20
40
60
80
100
120
140
Forecast Hour (hr)

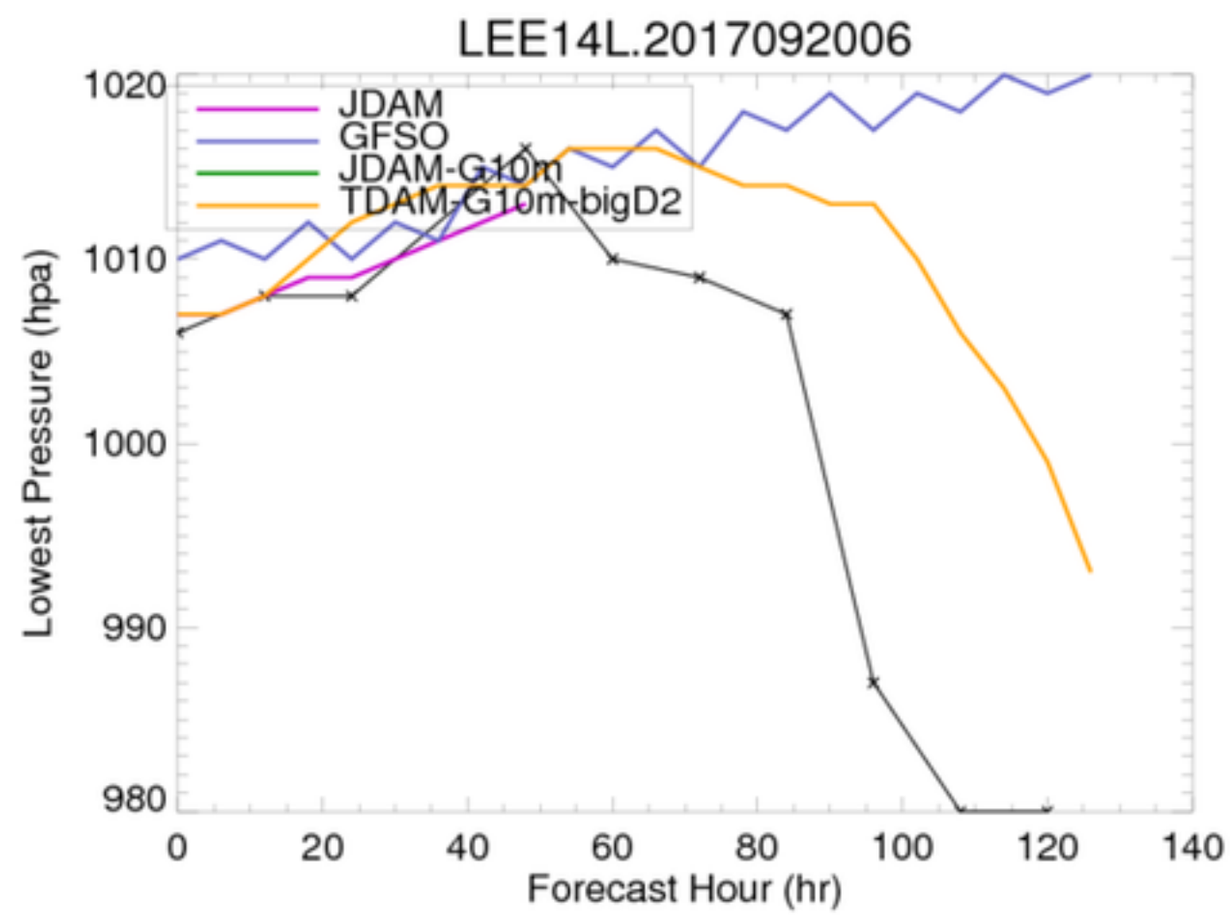

LEE14L.2017092000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-54 -52 -50 -48 -46 -44 -42 -40
36 32 28 24 20 16

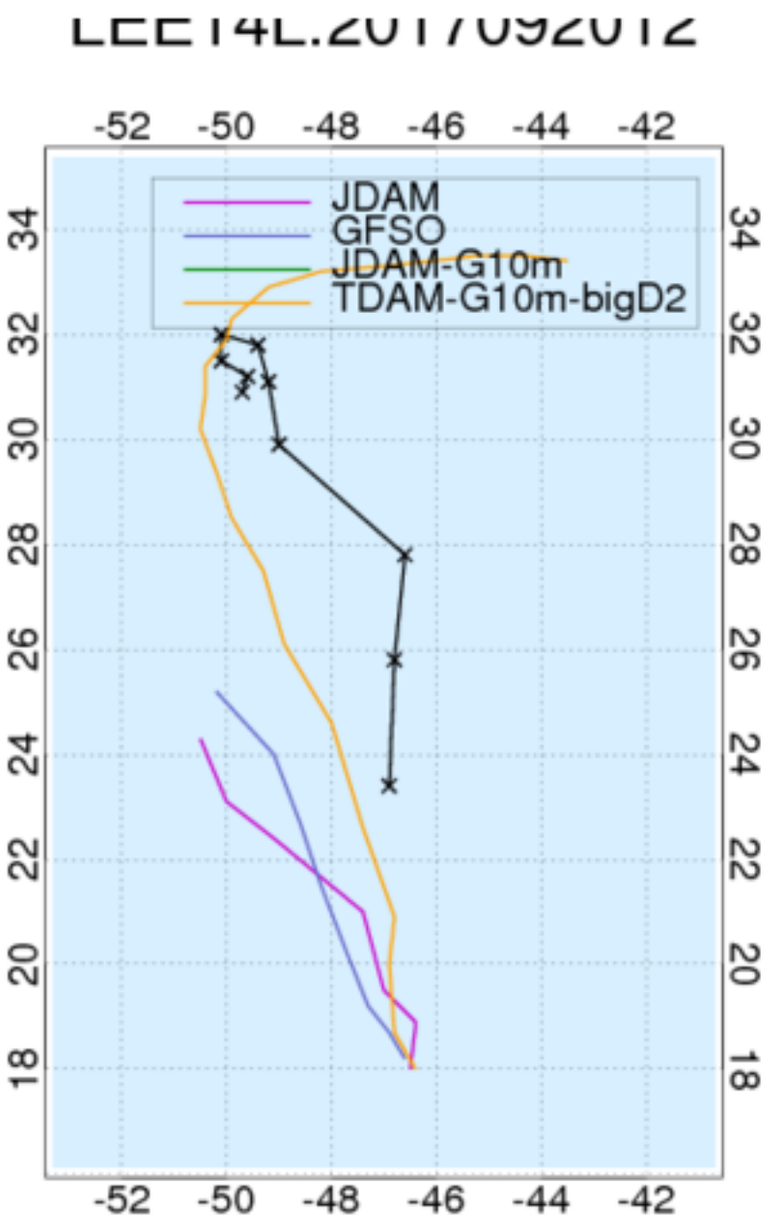

LEE14L.2017092000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
20 40 60 80 100
0 20 40 60 80 100 120 140
Forecast Hour (hr)

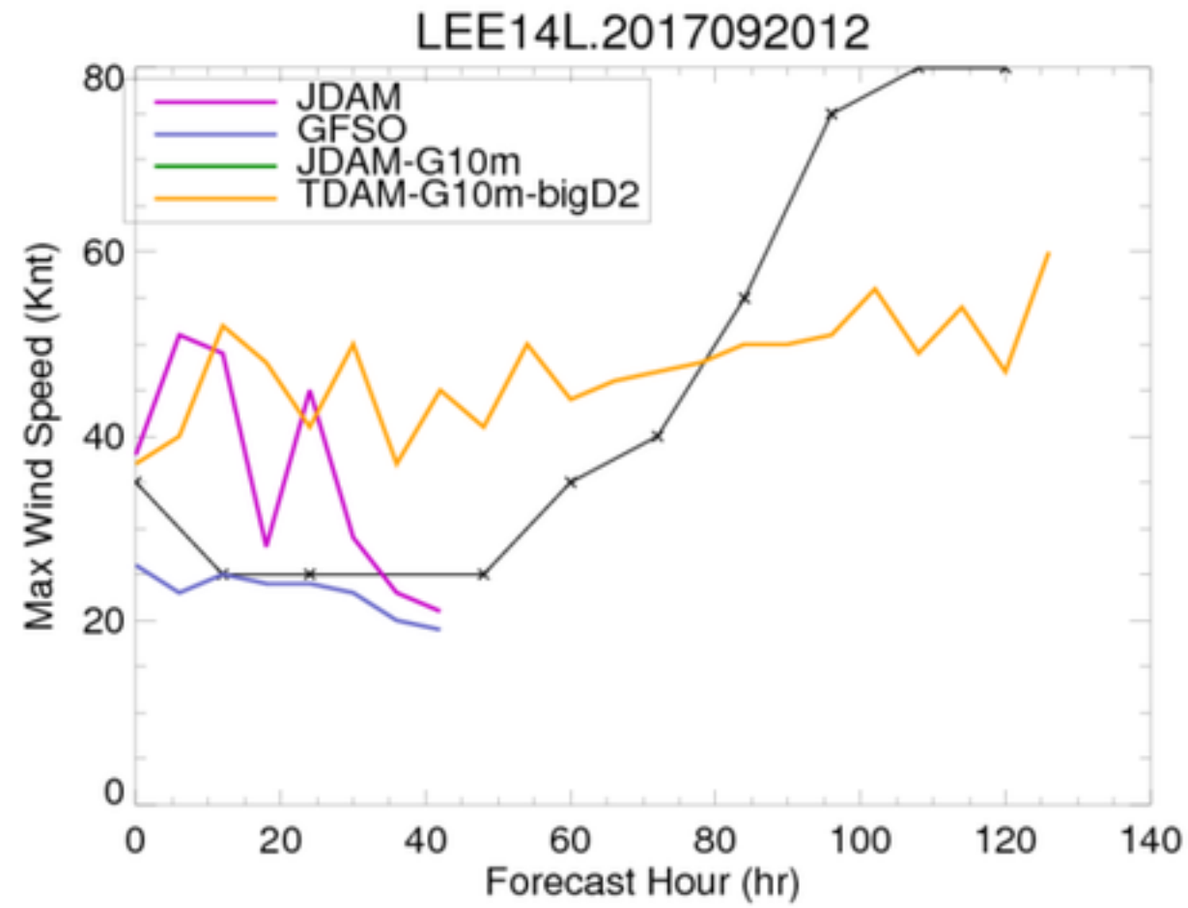

LEE14L.2017092000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
960 970 980 990 1000 1010 1020
0 20 40 60 80 100 120 140
Forecast Hour (hr)

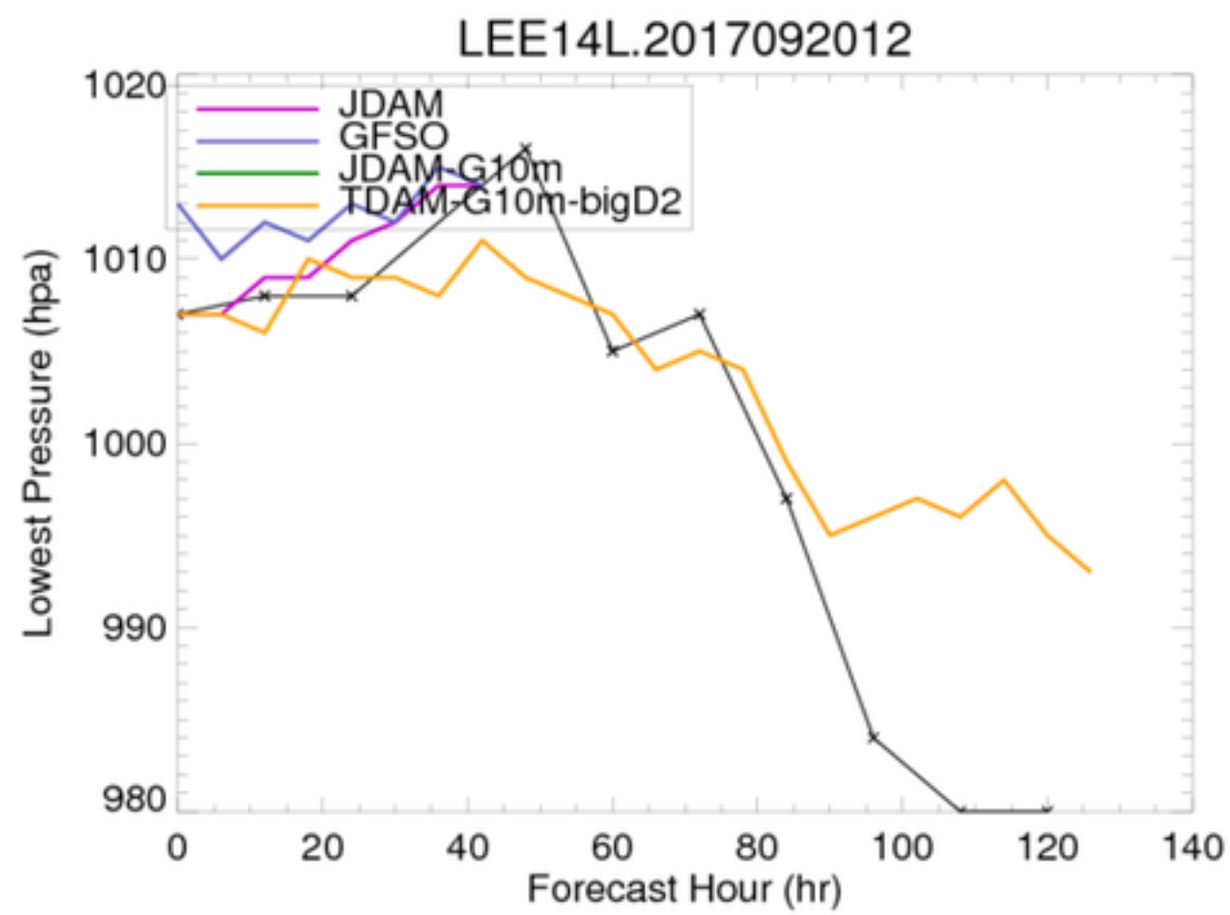

LEE14L.2017092006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-54 -52 -50 -48 -46 -44 -42 -40
16 18 20 22 24 26 28 30 32 34

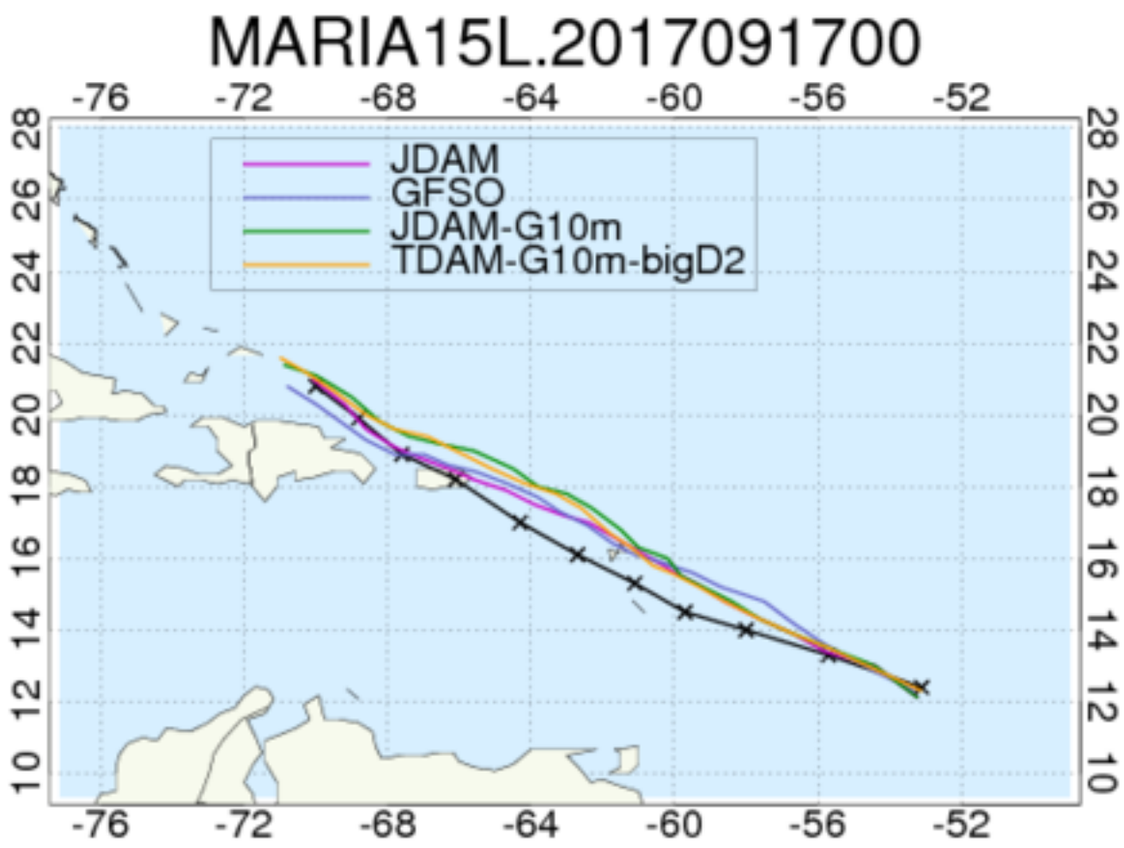

LEE14L.2017092006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
0 20 40 60 80
Forecast Hour (hr)
0 20 40 60 80 100 120 140

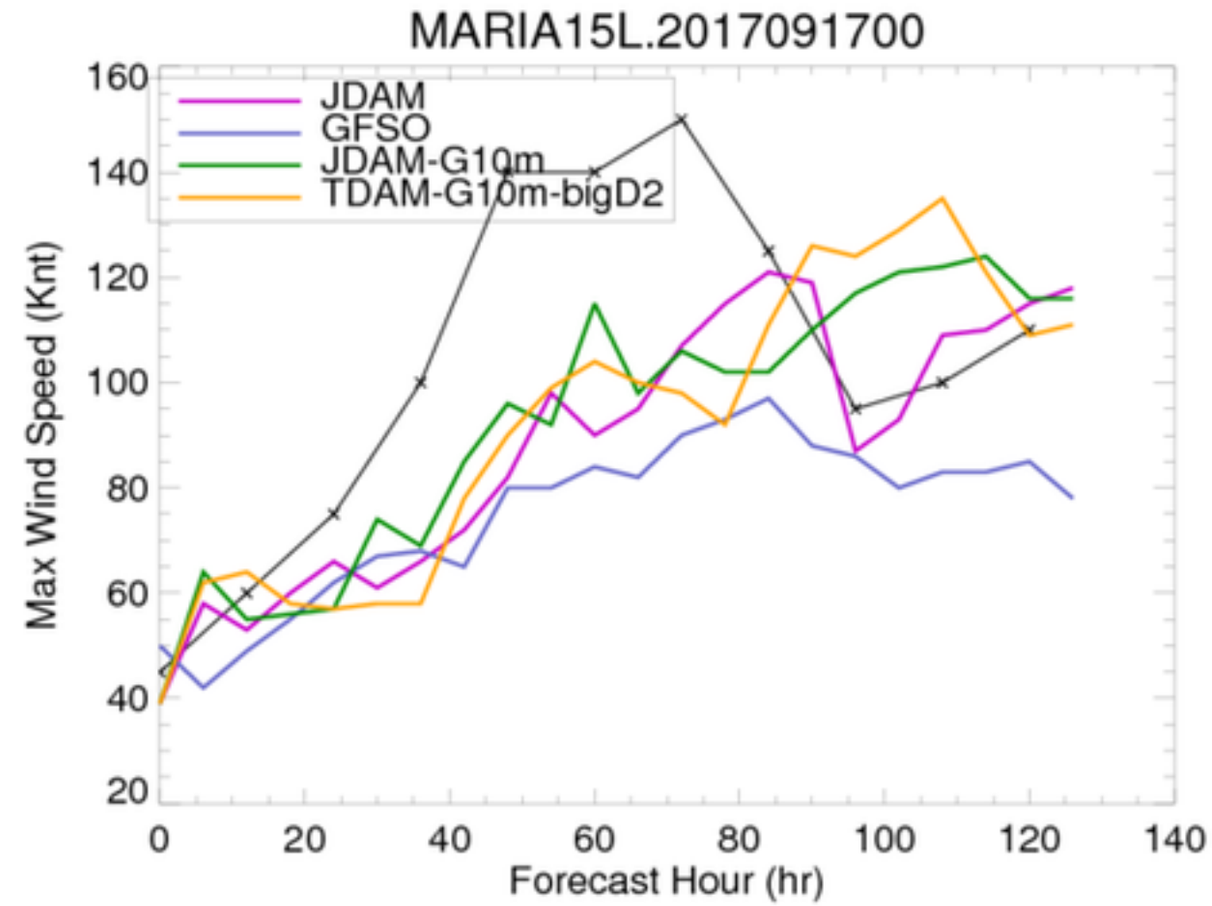

LEE14L.2017092006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
980 990 1000 1010 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

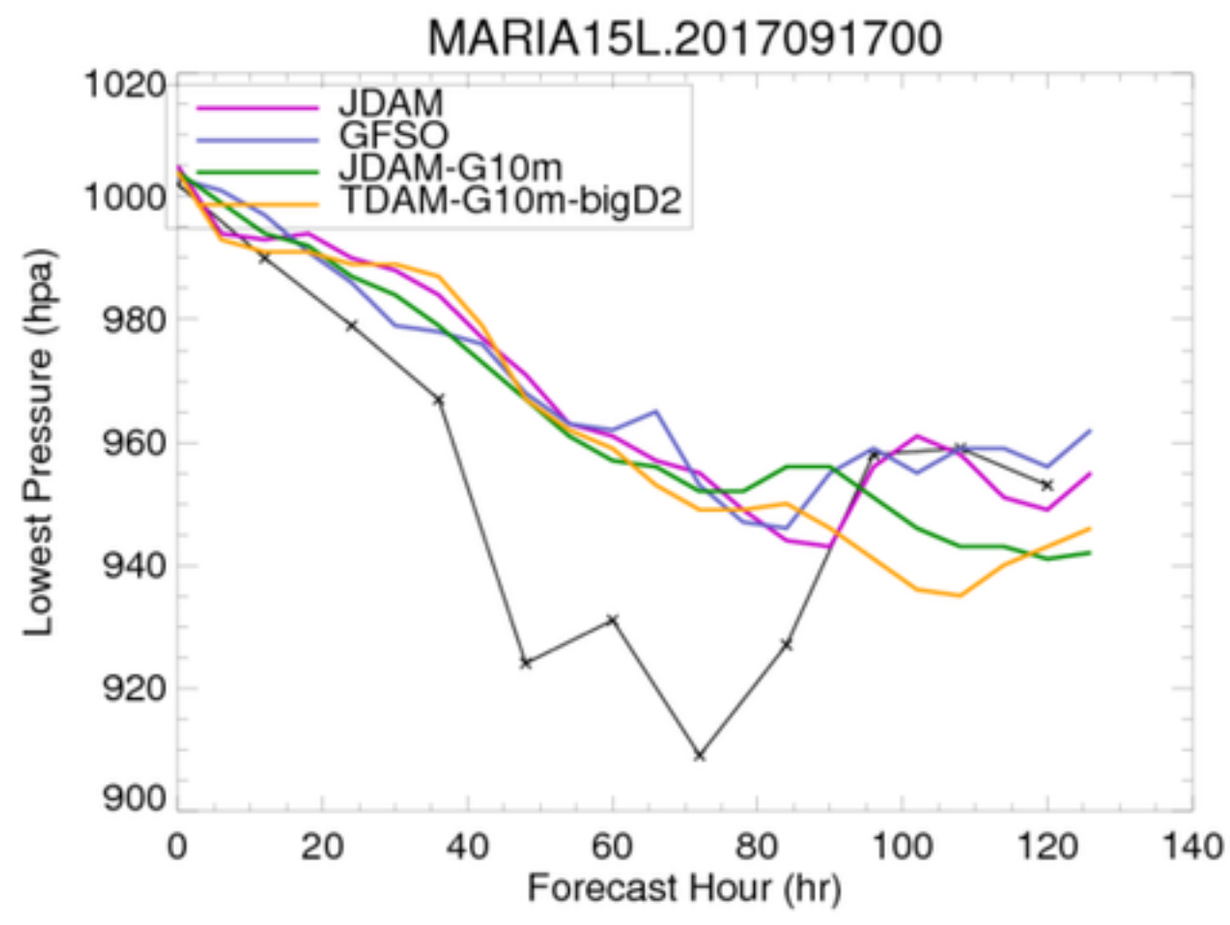

LEE14L.2017092012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-52 -50 -48 -46 -44 -42
18 20 22 24 26 28 30 32 34

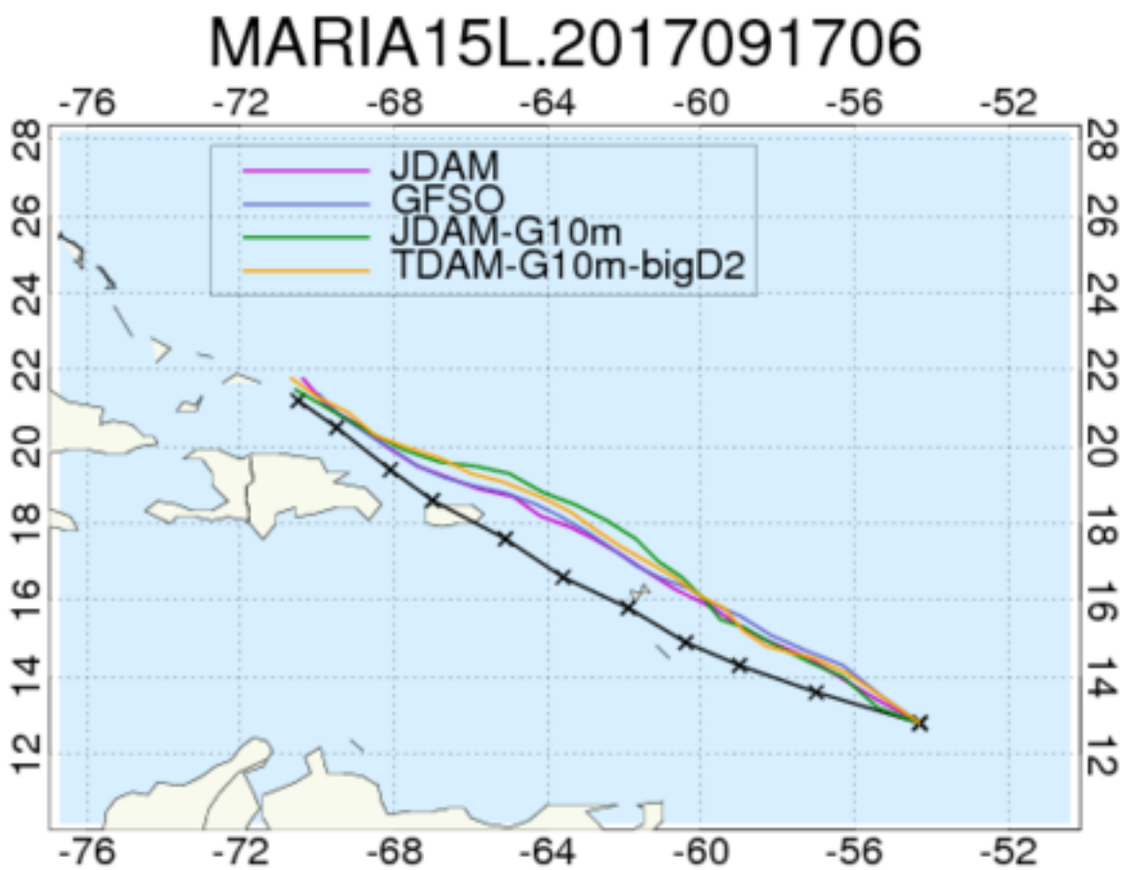

LEE14L.2017092012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
0 20 40 60 80
Forecast Hour (hr)
0 20 40 60 80 100 120 140

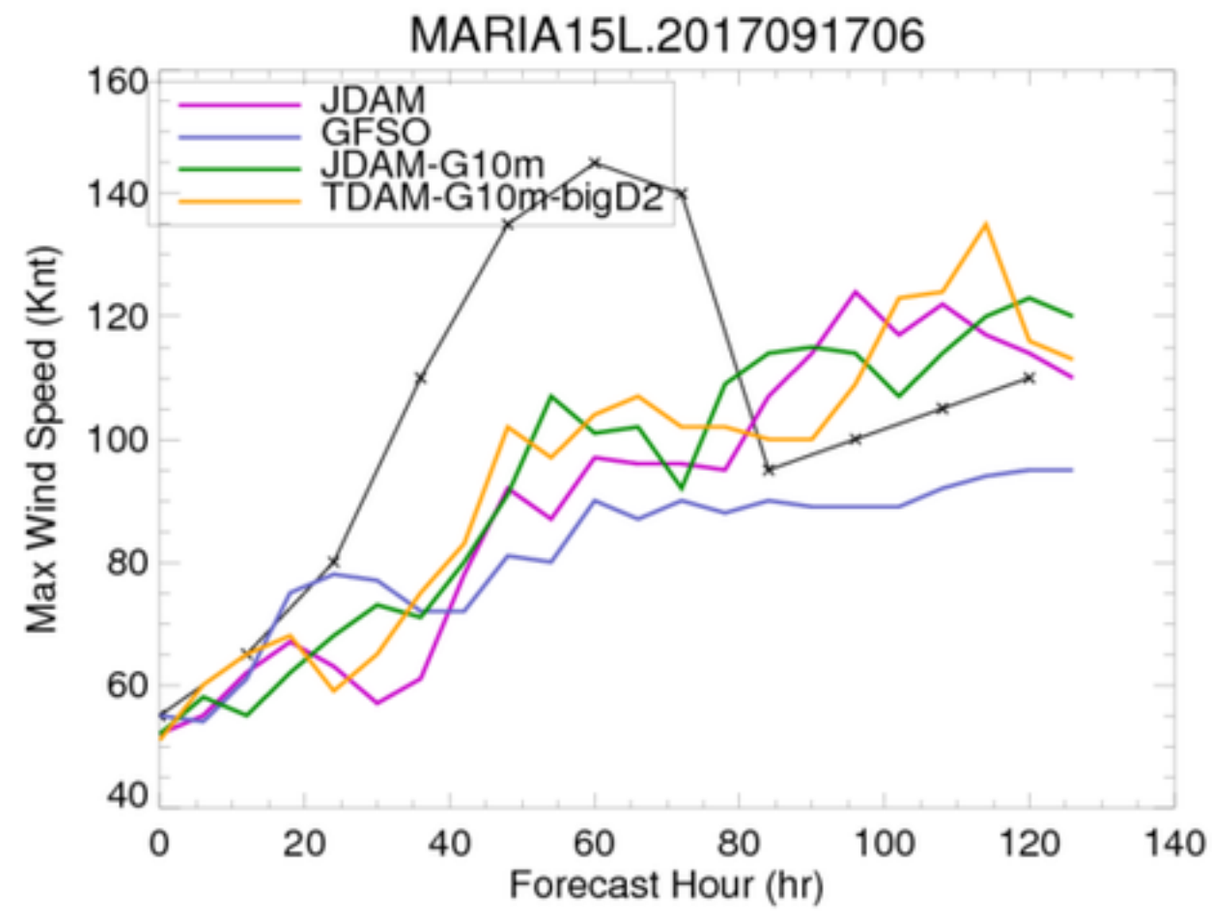

LEE14L.2017092012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
980 990 1000 1010 1020
Forecast Hour (hr)
0 20 40 60 80 100 120 140

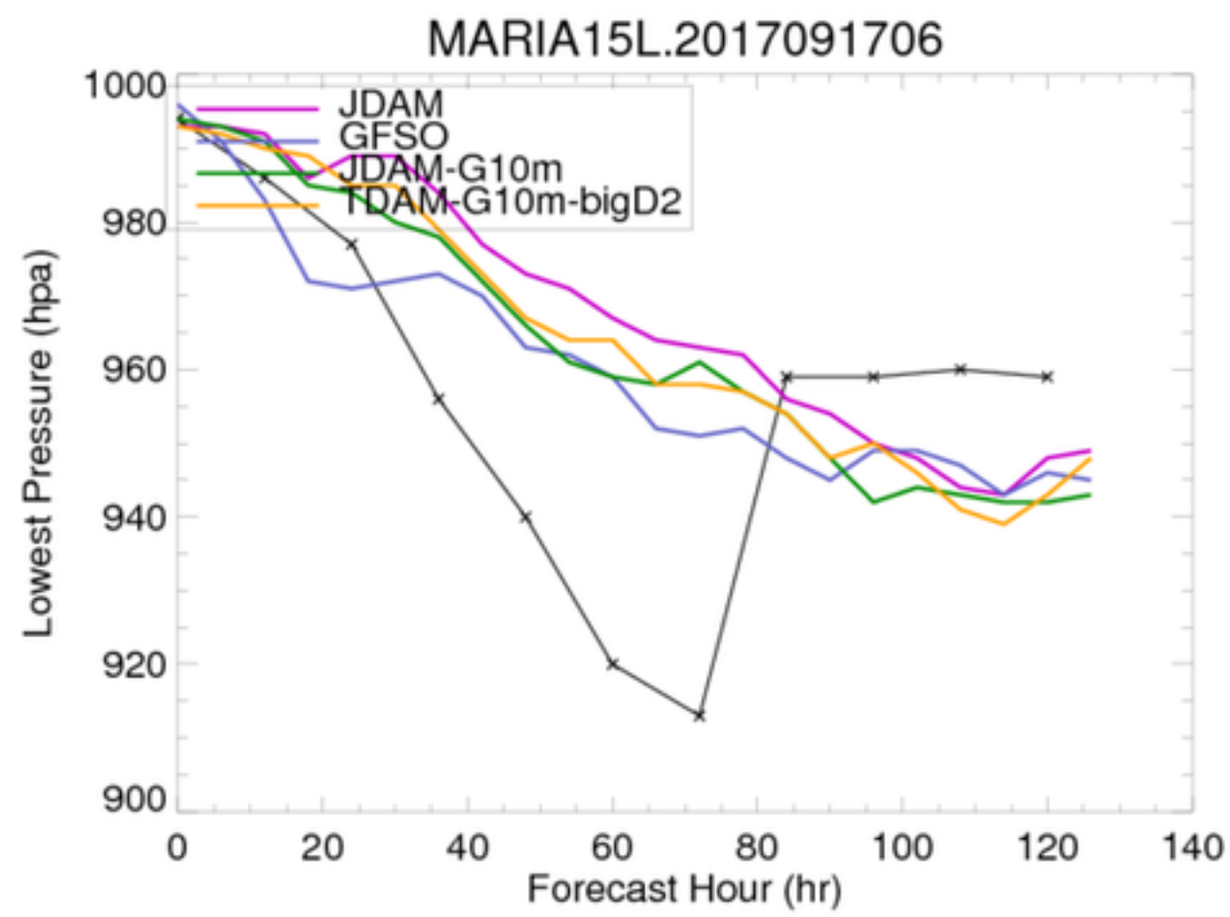

MARIA15L.2017091700
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76
-72
-68
-64
-60
-56
-52
28
26
24
22
20
18
16
14
12
10

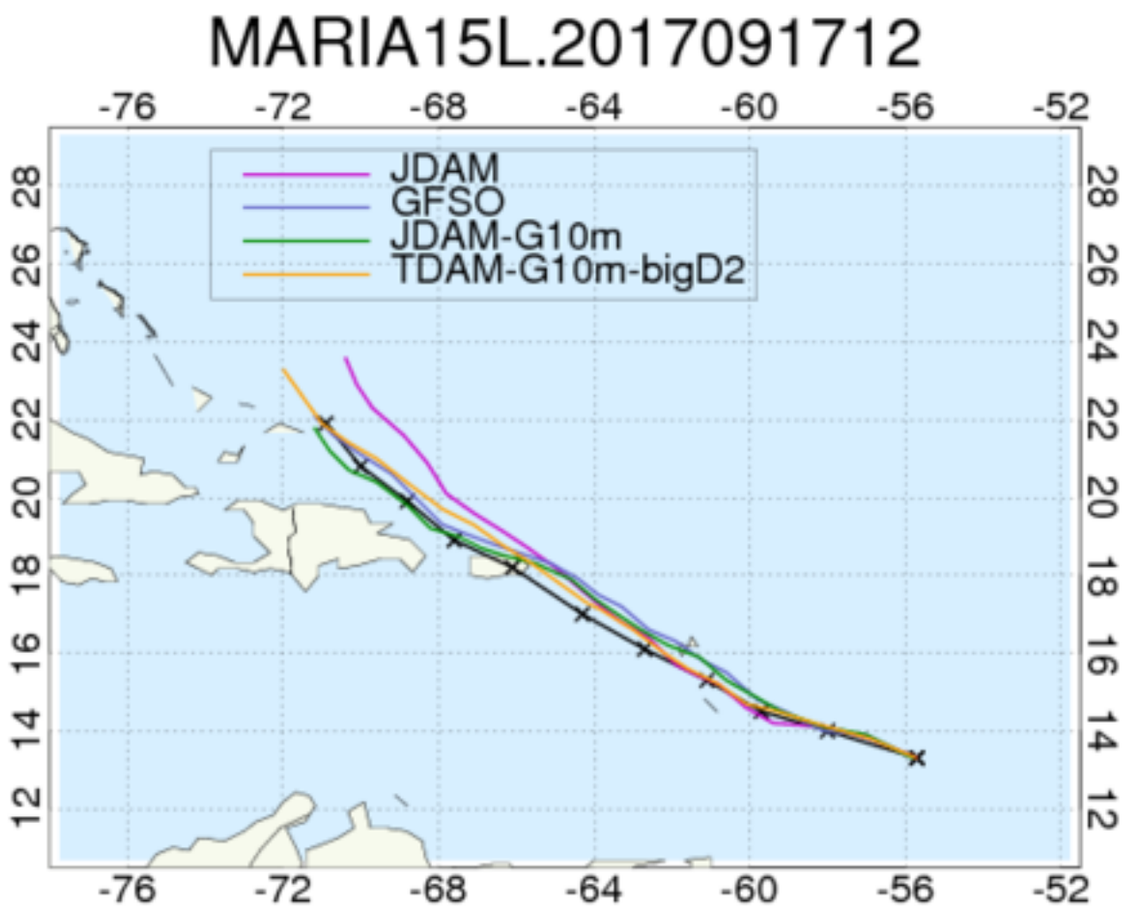

MARIA15L.2017091700
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
160
140
120
100
80
60
40
20
0
20
40
60
80
100
120
140

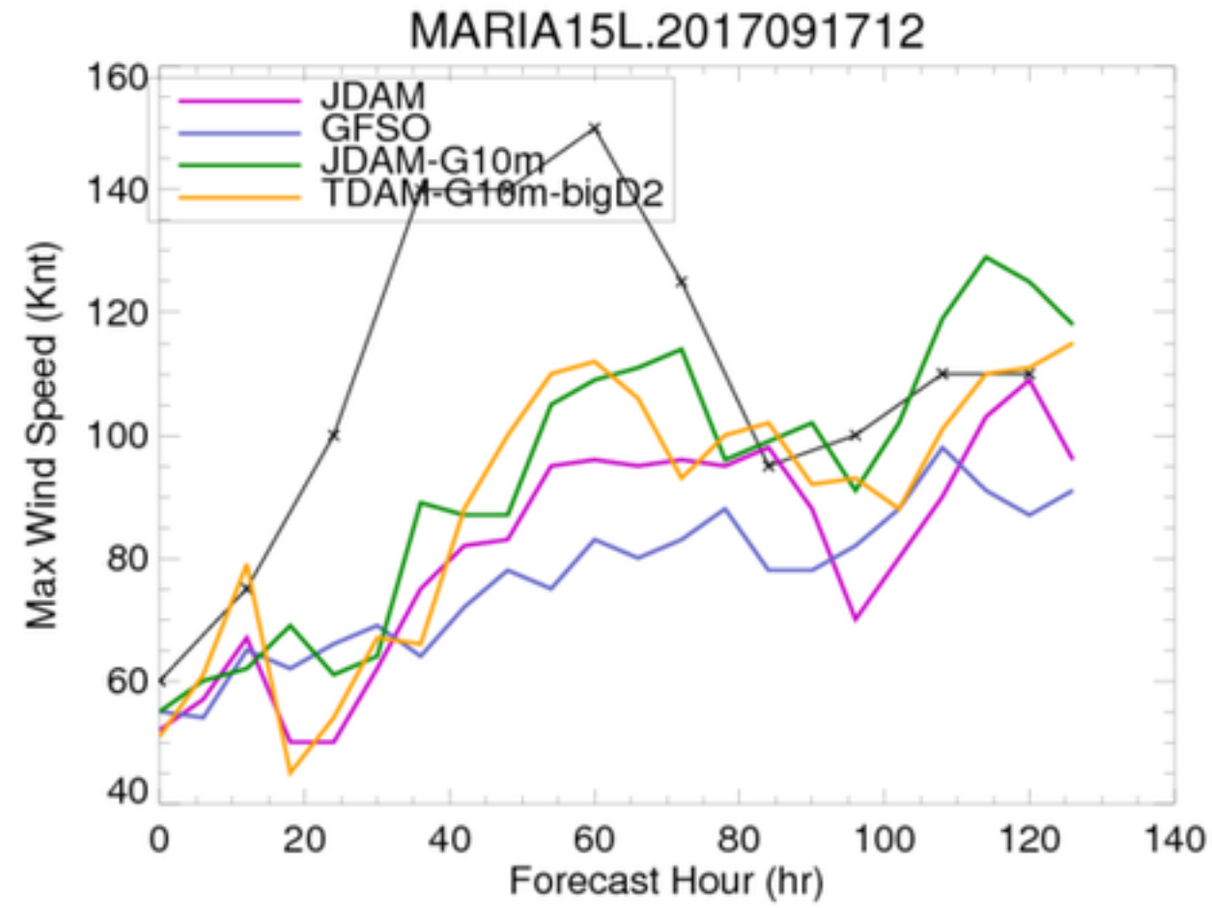

MARIA15L.2017091700
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1020
1000
980
960
940
920
900
0
20
40
60
80
100
120
140

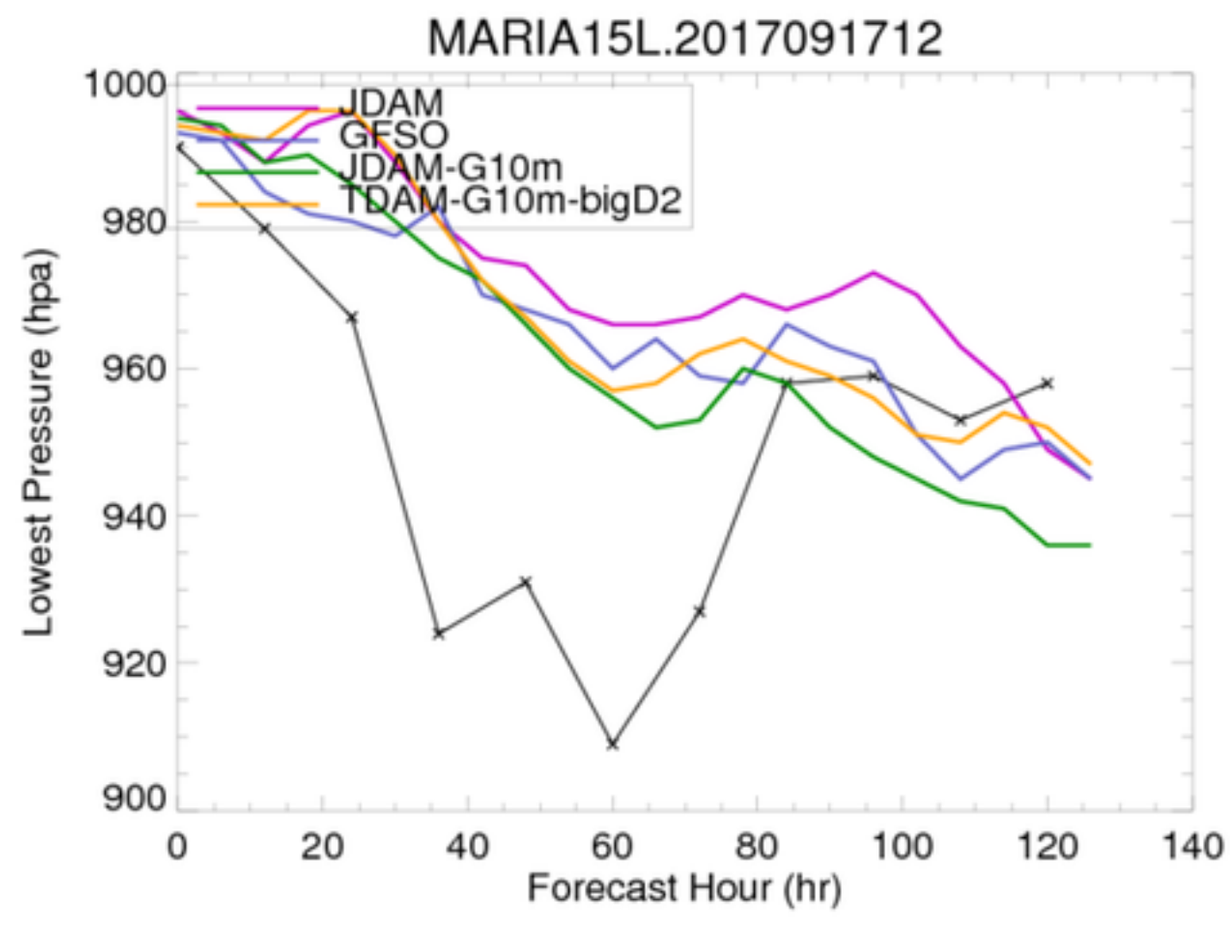

MARIA15L.2017091706
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76
-72
-68
-64
-60
-56
-52
28
26
24
22
20
18
16
14
12

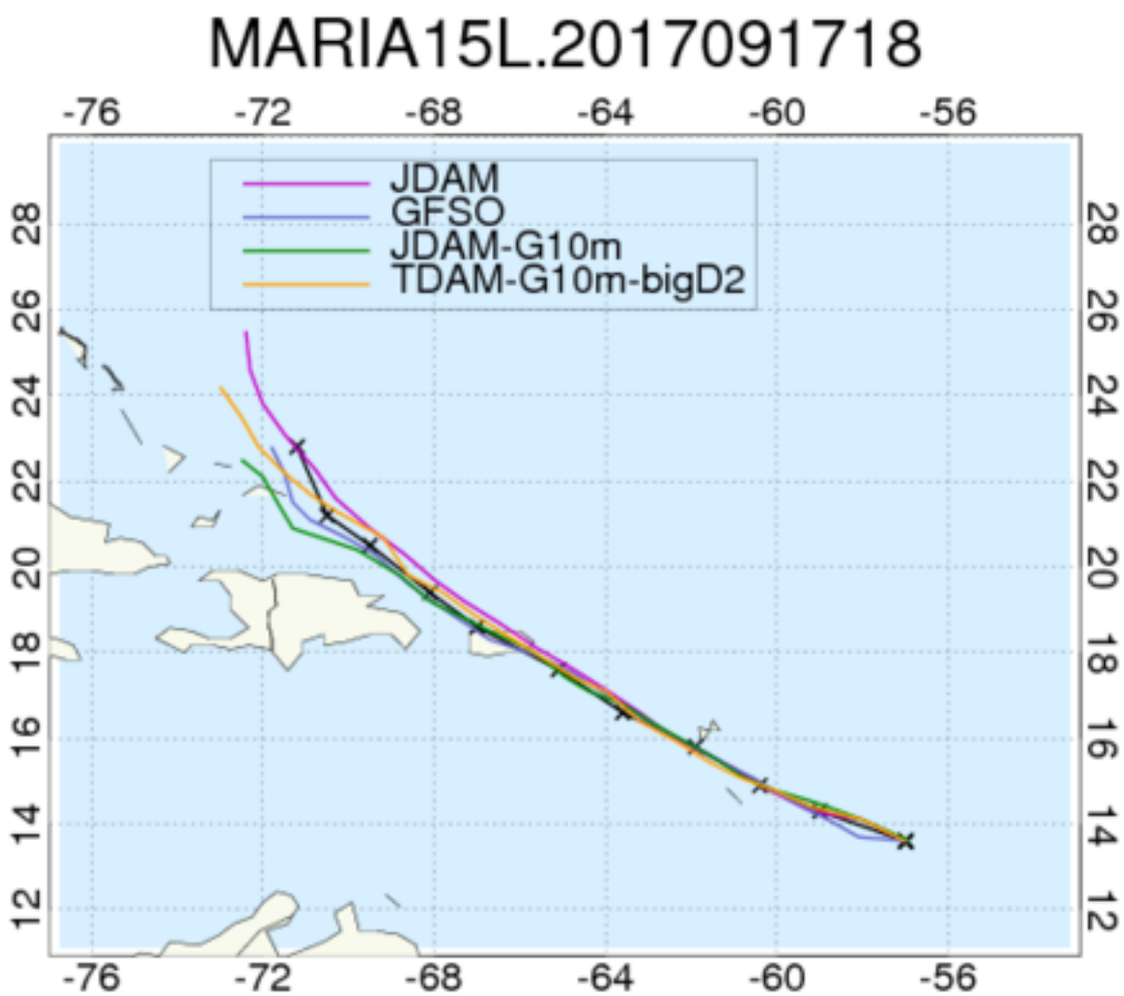

MARIA15L.2017091706
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
160
140
120
100
80
60
40
0
20
40
60
80
100
120
140

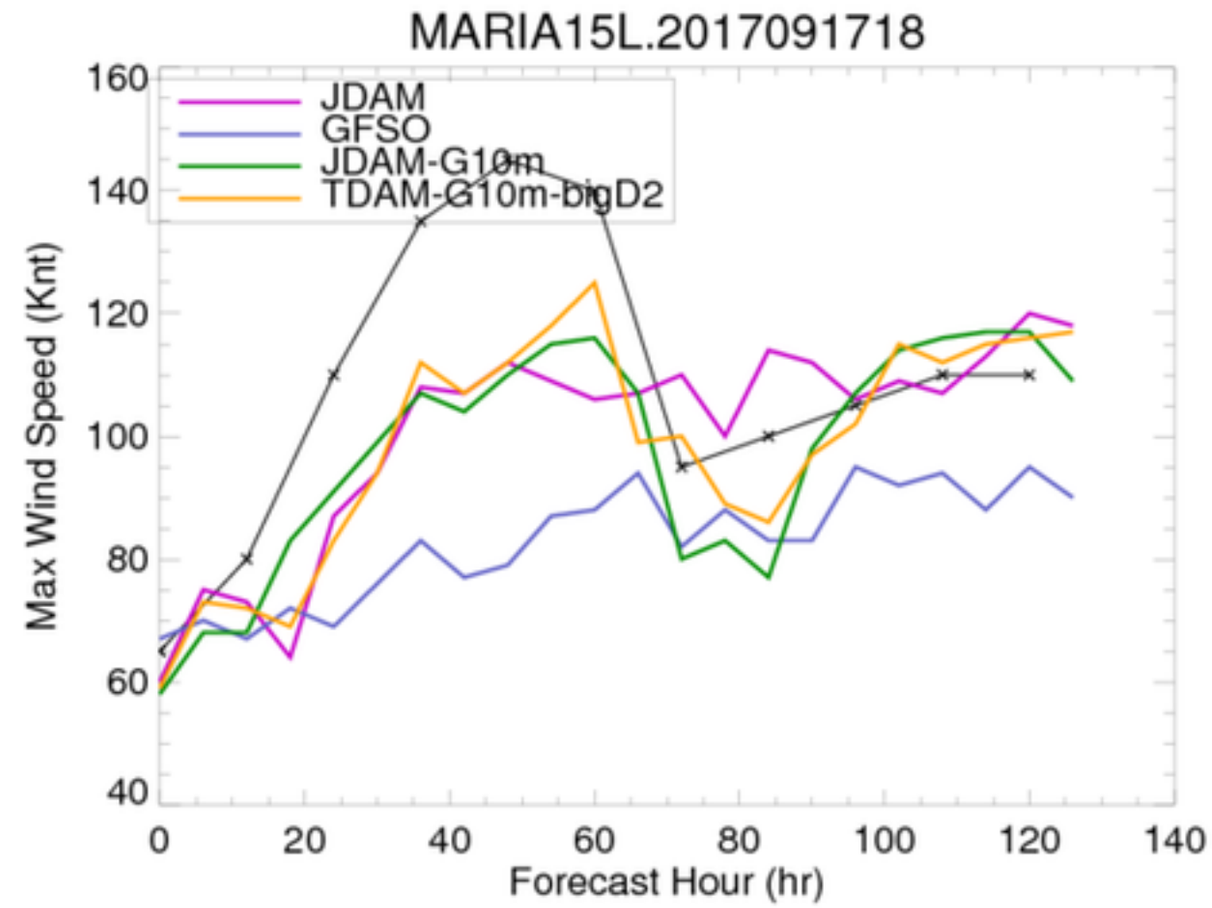

MARIA15L.2017091706
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1000
980
960
940
920
900
0
20
40
60
80
100
120
140

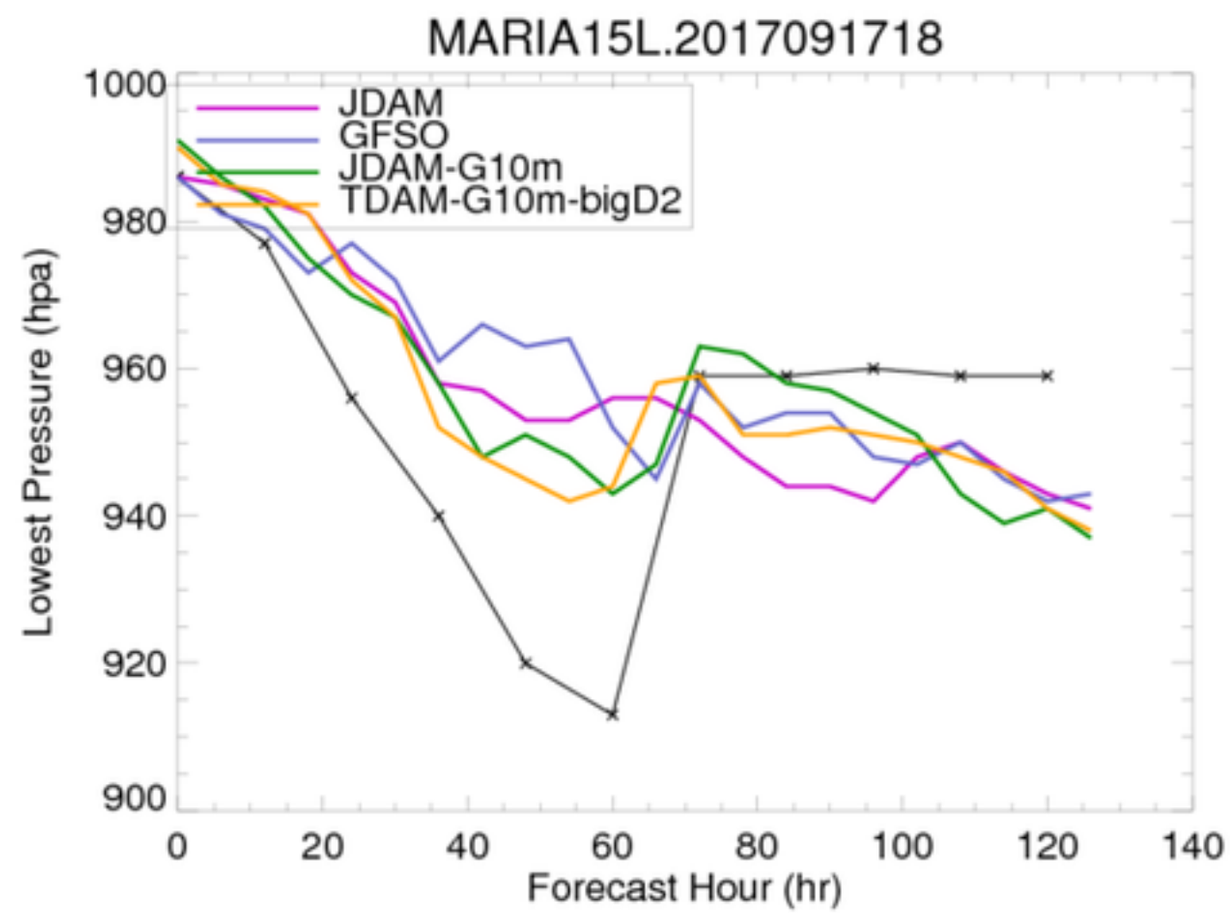

MARIA15L.2017091712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76
-72
-68
-64
-60
-56
-52
28
26
24
22
20
18
16
14
12

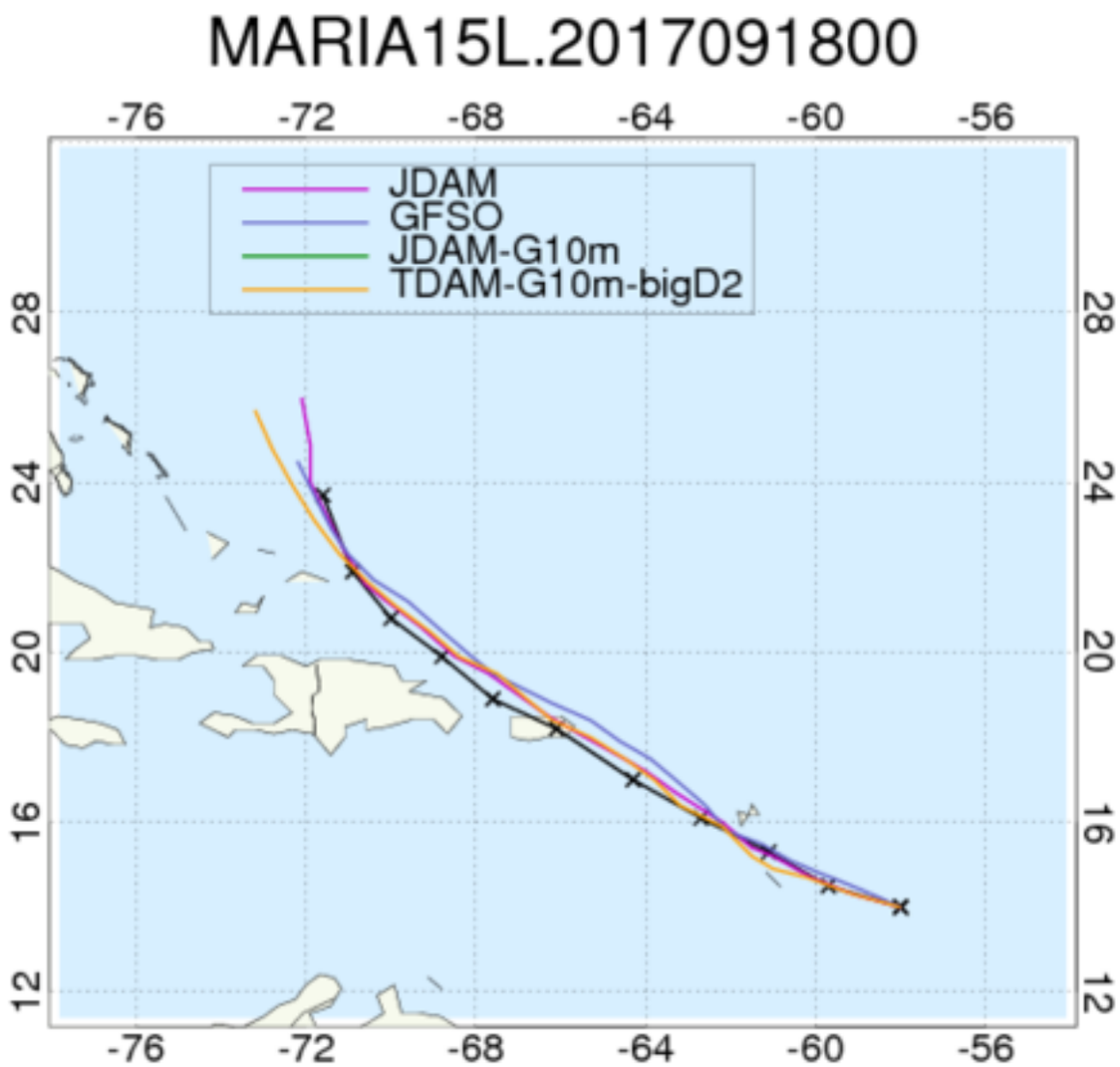

MARIA15L.2017091712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
160
140
120
100
80
60
40
0
20
40
60
80
100
120
140

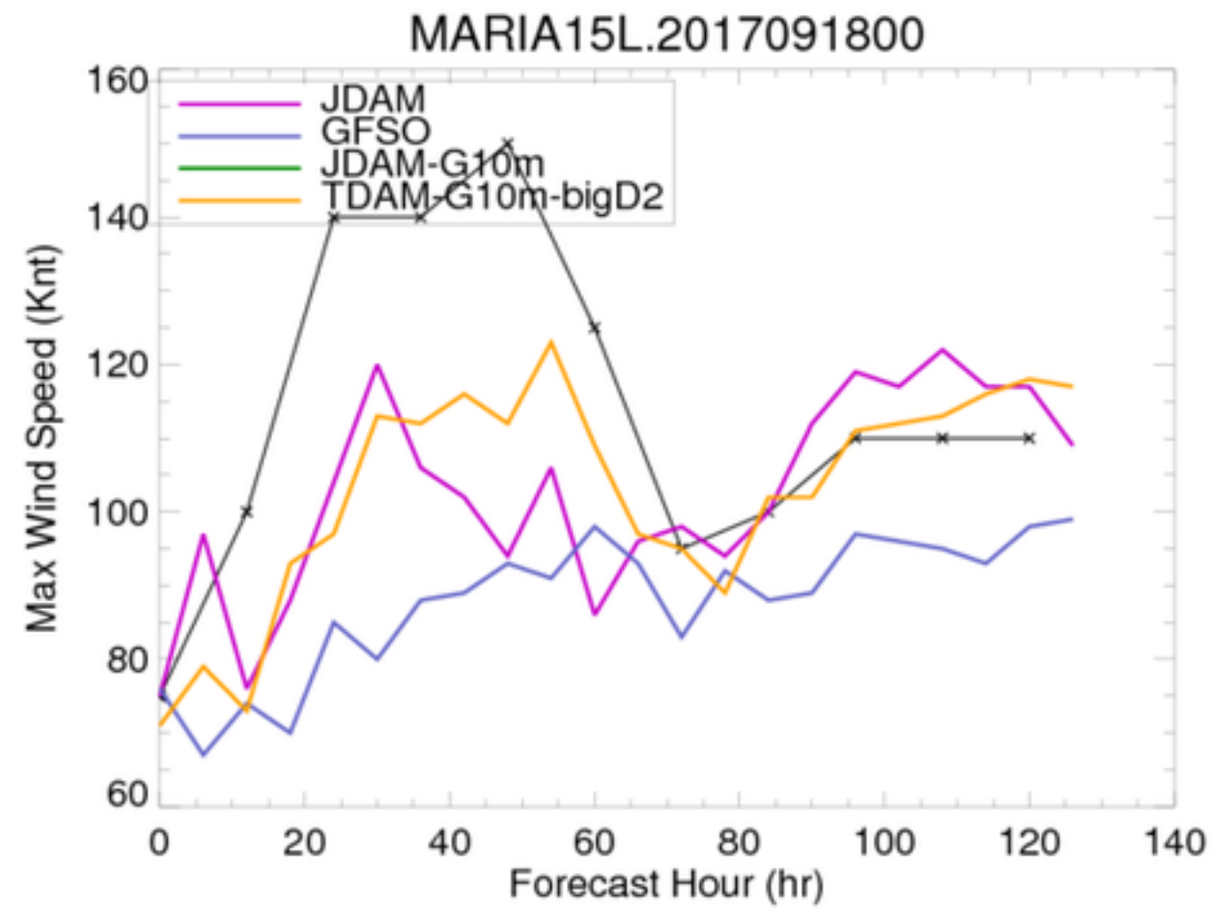

MARIA15L.2017091712
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1000
980
960
940
920
900
0
20
40
60
80
100
120
140

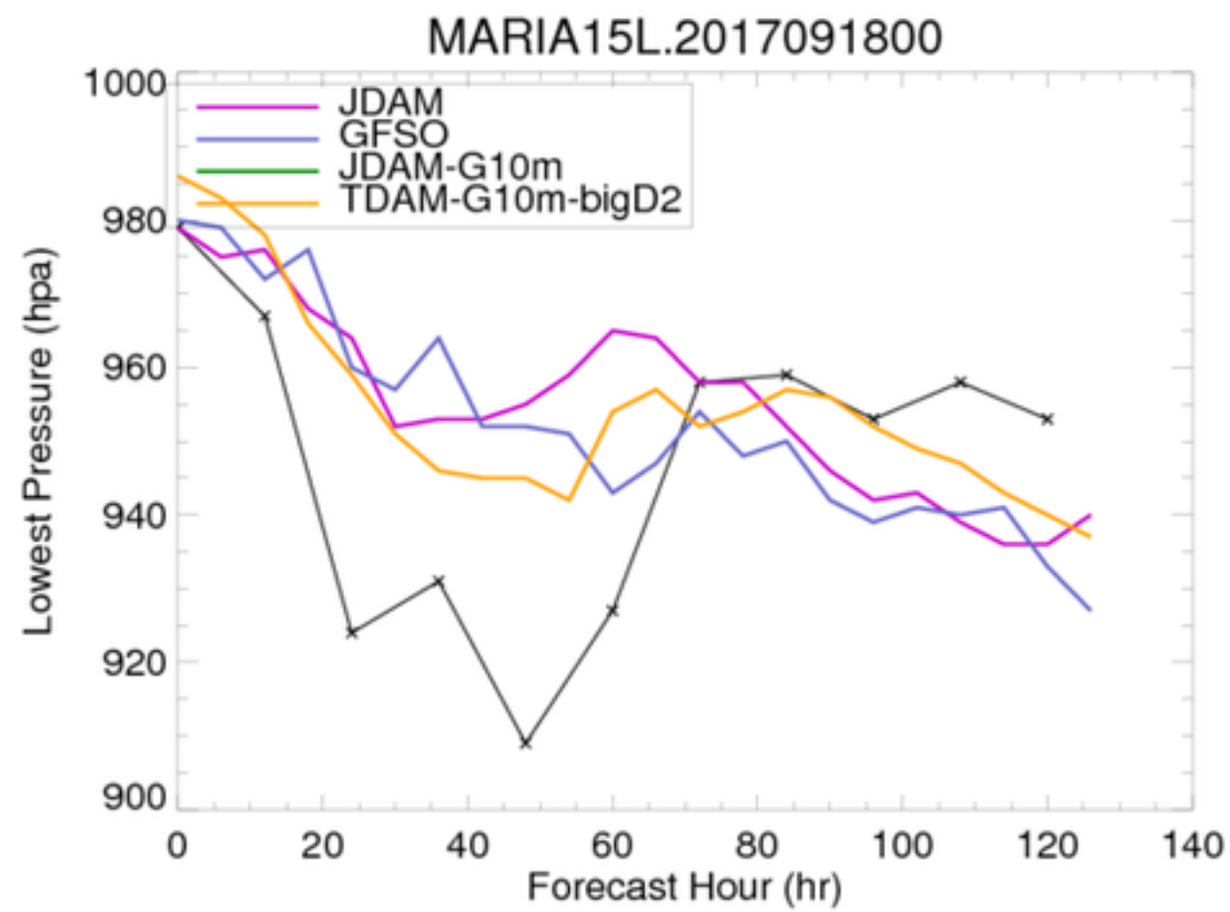

MARIA15L.2017091718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76
-72
-68
-64
-60
-56
28
26
24
22
20
18
16
14
12

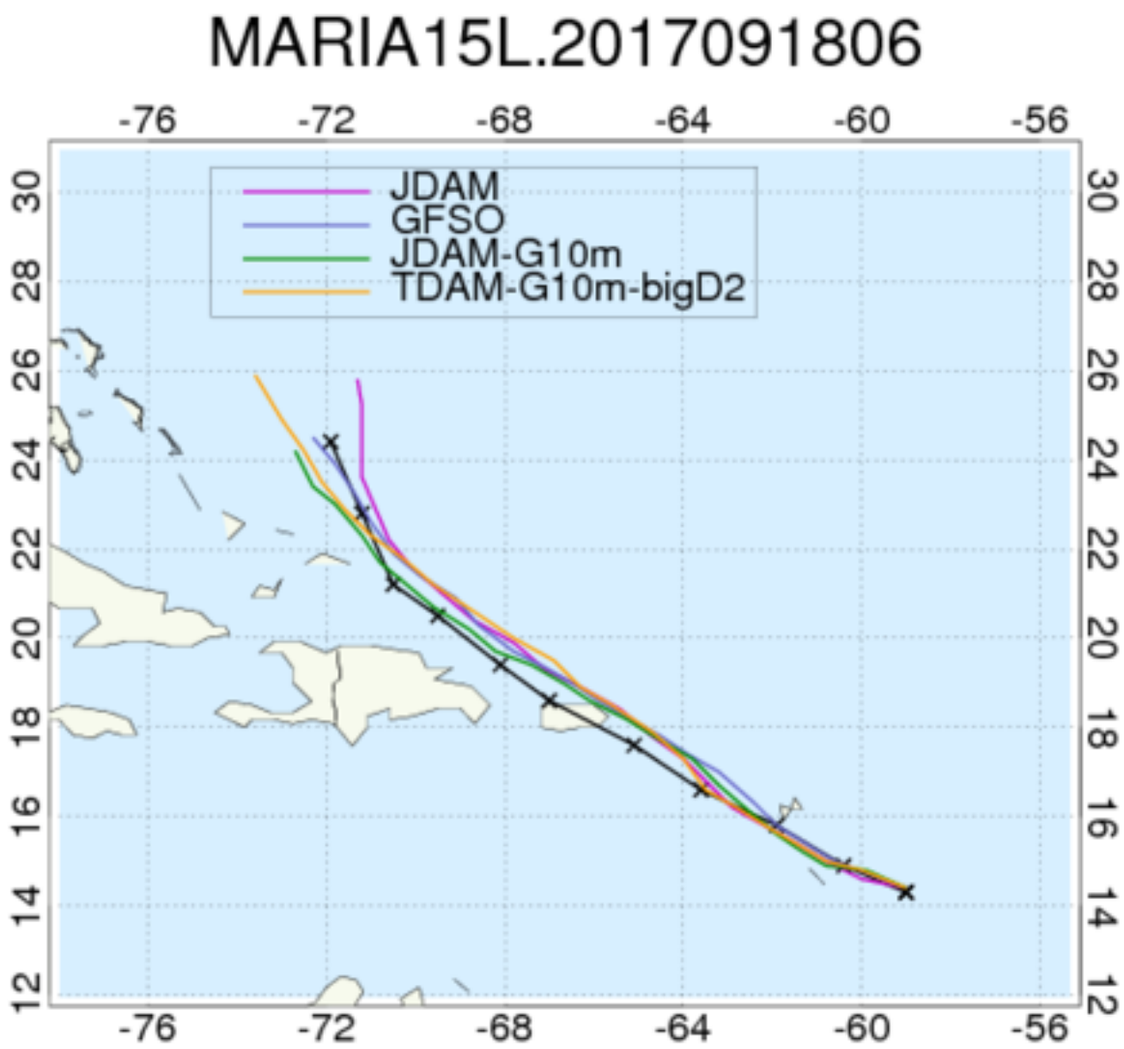

MARIA15L.2017091718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
160
140
120
100
80
60
40
0
20
40
60
80
100
120
140

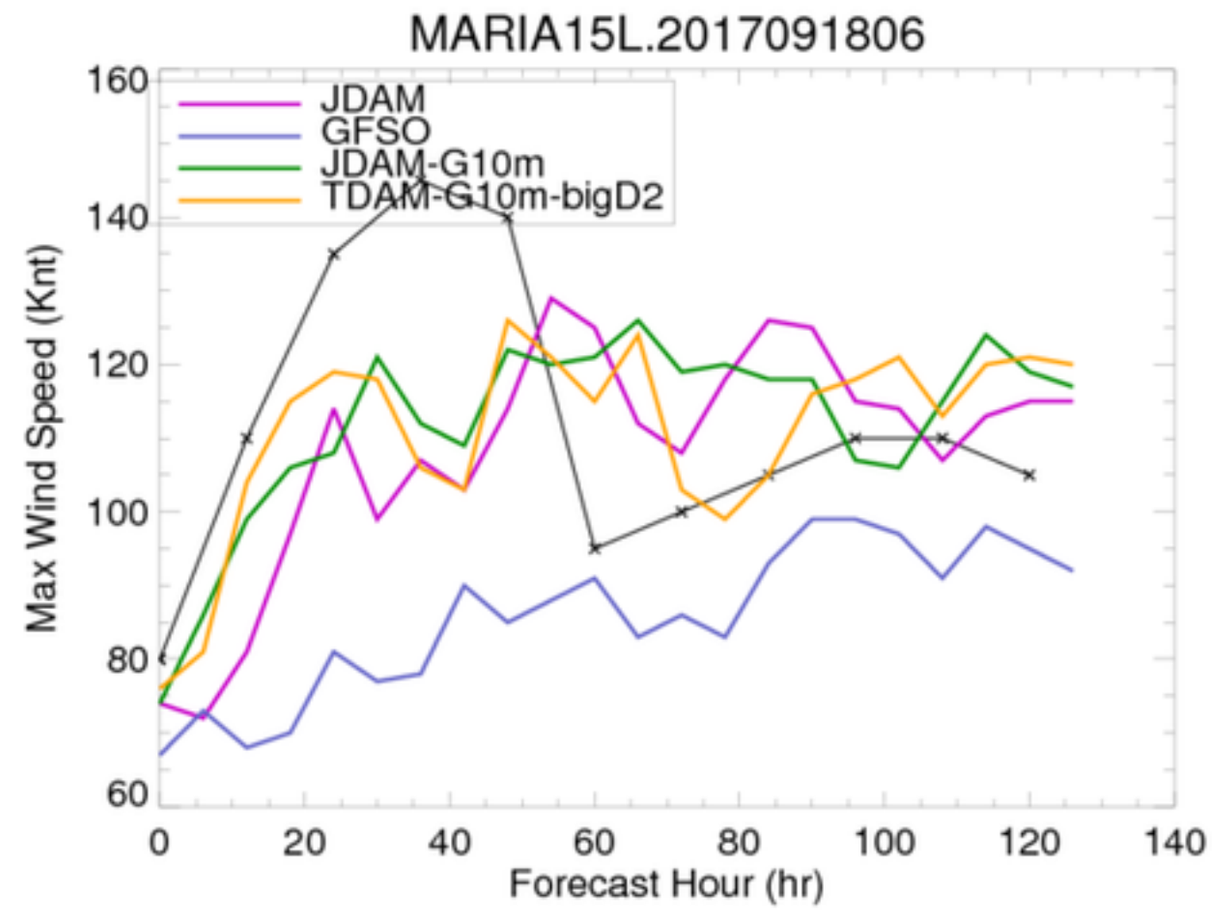

MARIA15L.2017091718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1000
980
960
940
920
900
0
20
40
60
80
100
120
140

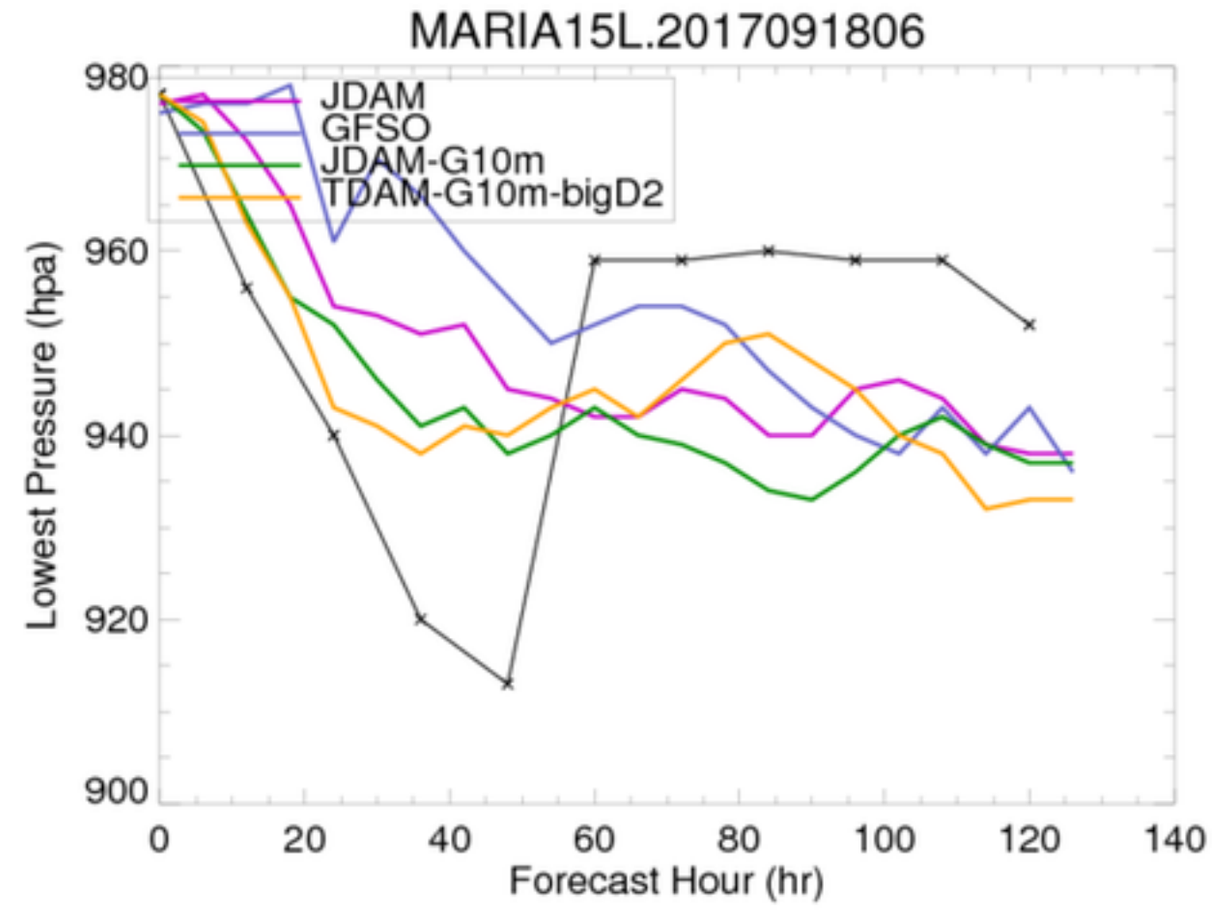

MARIA15L.2017091800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76
-72
-68
-64
-60
-56
28
24
20
16
12

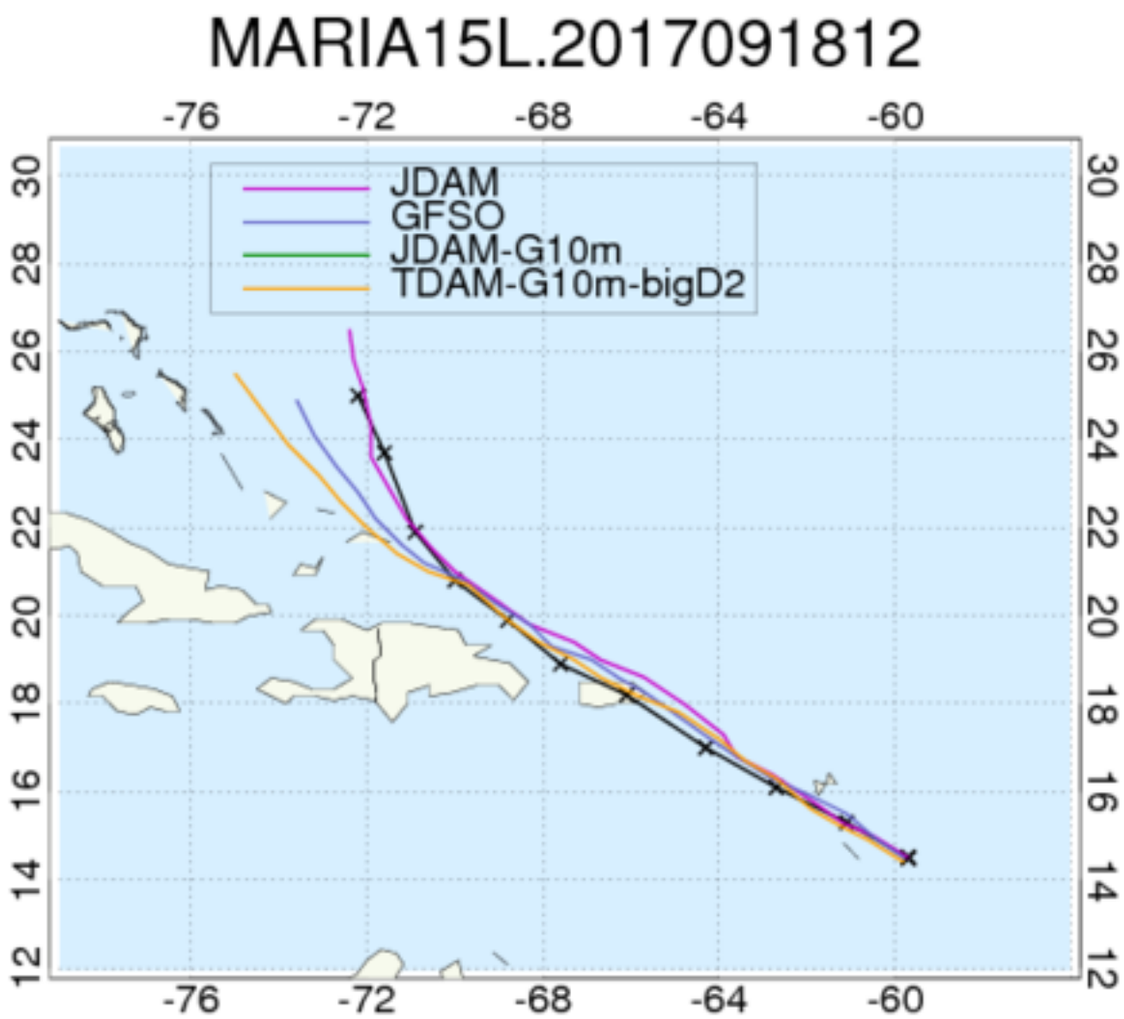

MARIA15L.2017091800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
160
140
120
100
80
60
0
20
40
60
80
100
120
140

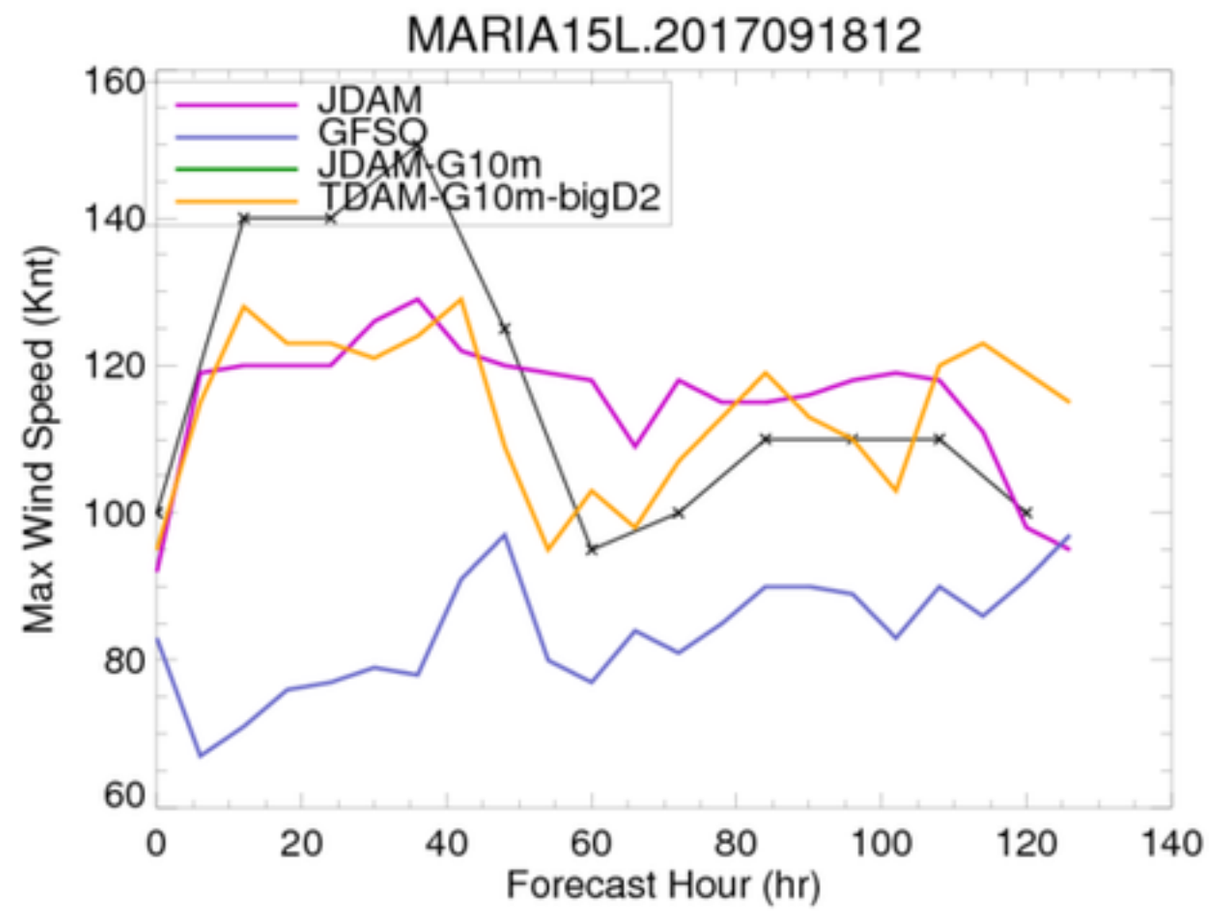

MARIA15L.2017091800
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
1000
980
960
940
920
900
0
20
40
60
80
100
120
140

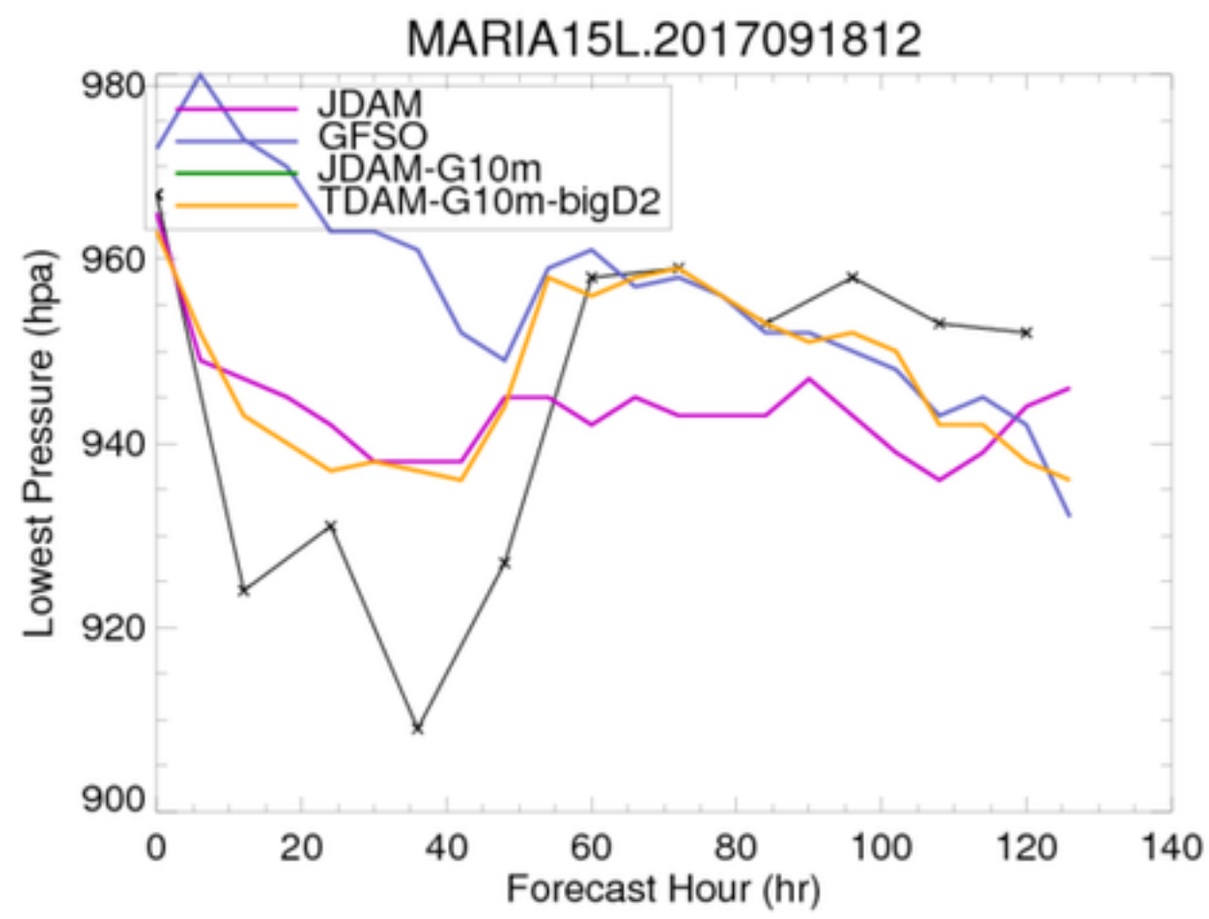

MARIA15L.2017091806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76
-72
-68
-64
-60
-56
12
14
16
18
20
22
24
26
28
30

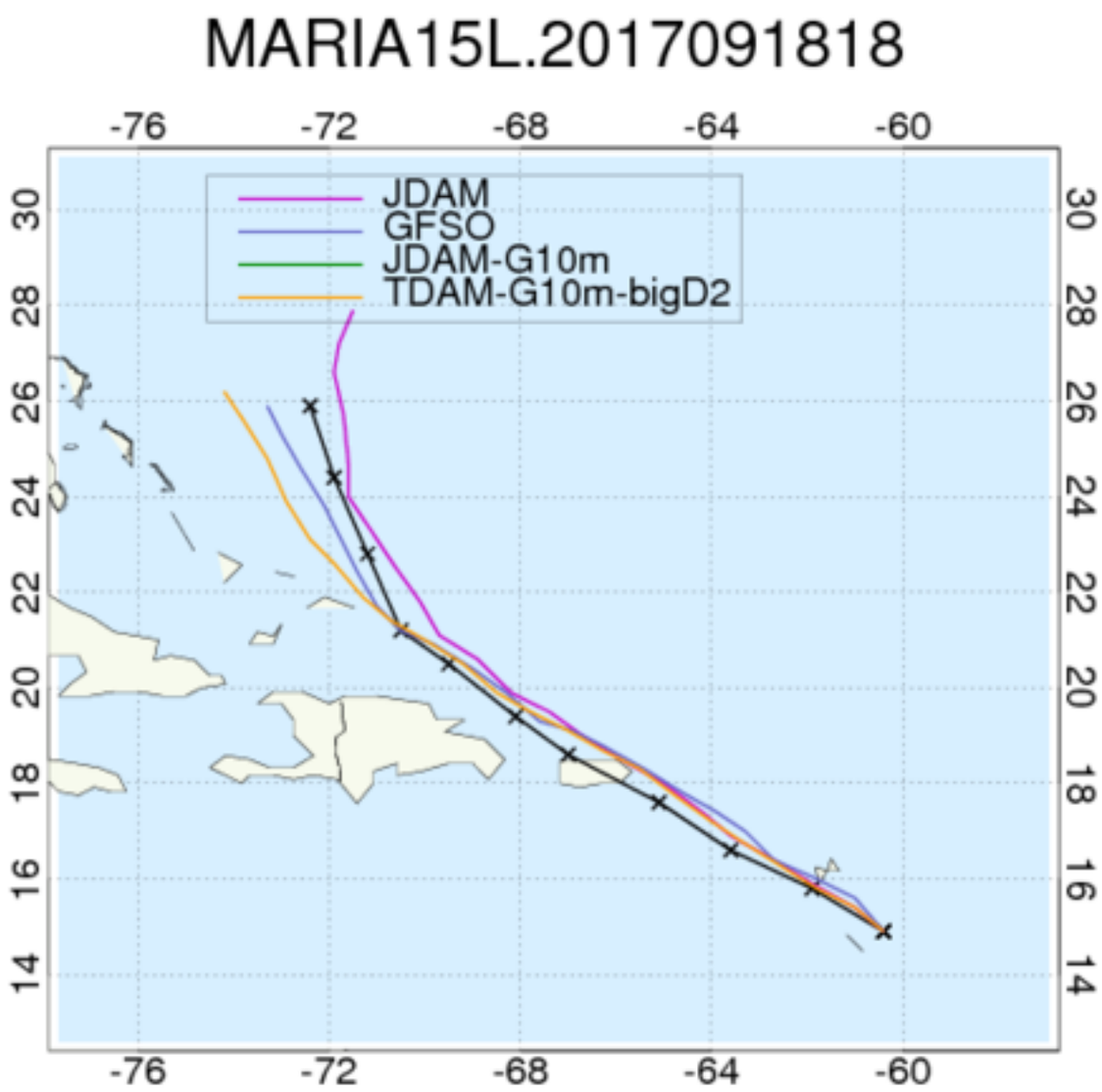

MARIA15L.2017091806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
60
80
100
120
140
160
0
20
40
60
80
100
120
140

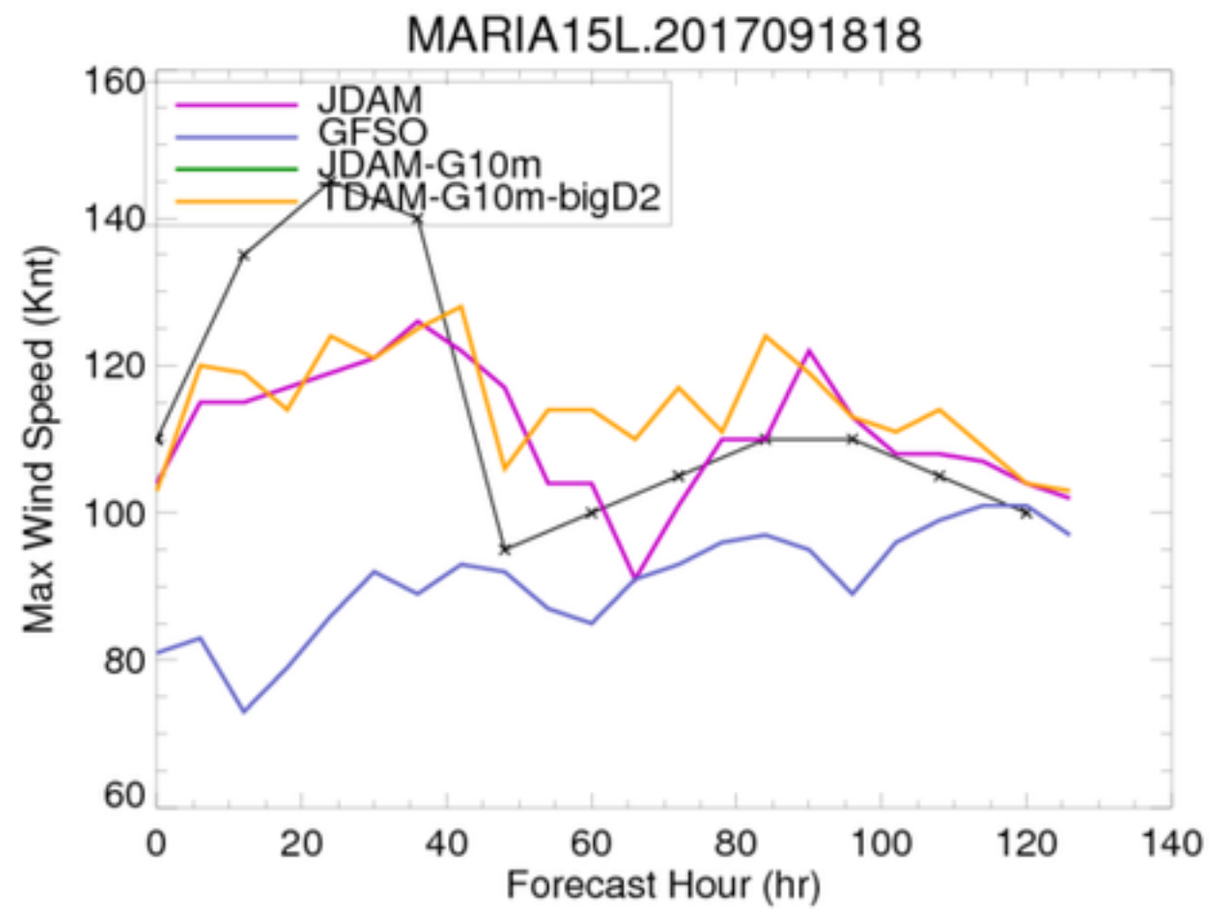

MARIA15L.2017091806
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
900
920
940
960
980
0
20
40
60
80
100
120
140

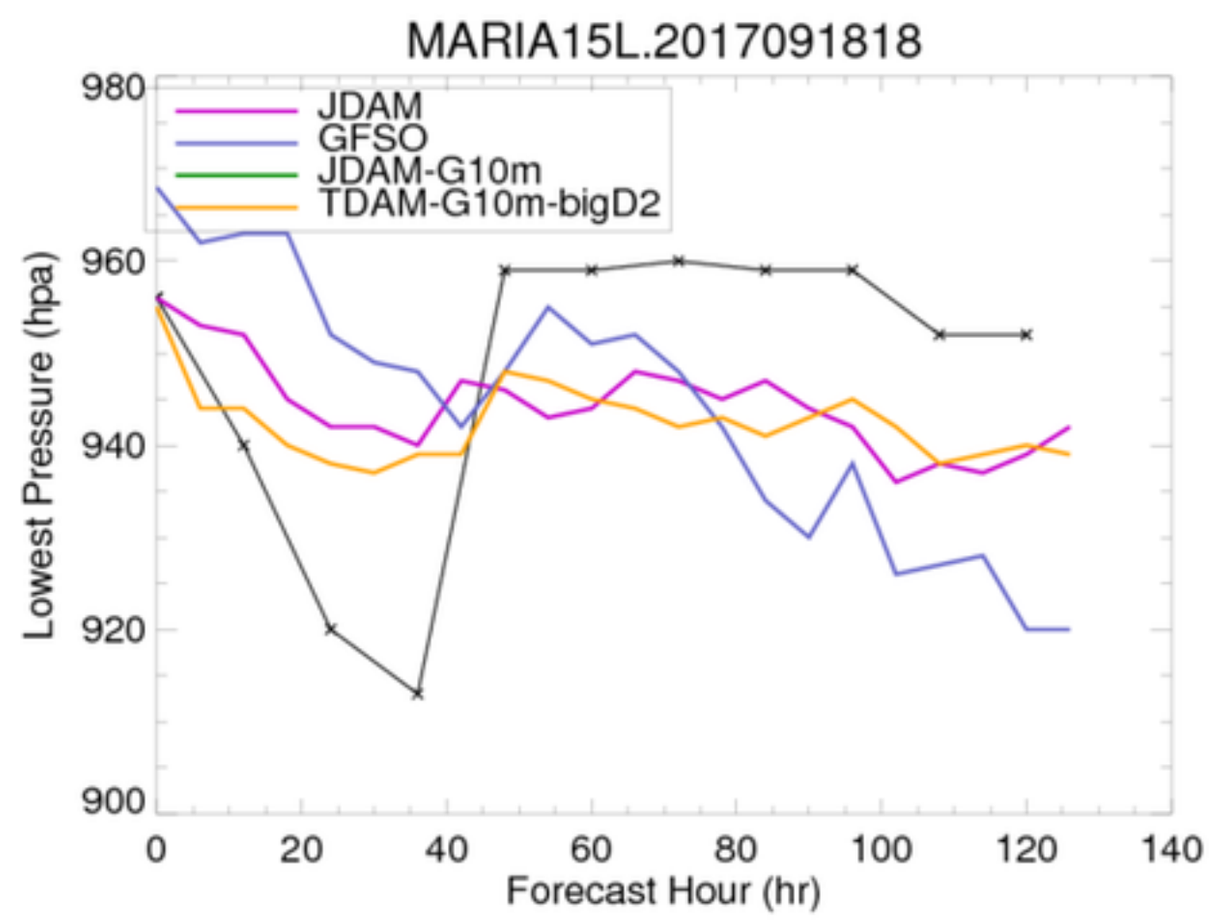

MARIA15L.2017091812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76
-72
-68
-64
-60
30
28
26
24
22
20
18
16
14
12

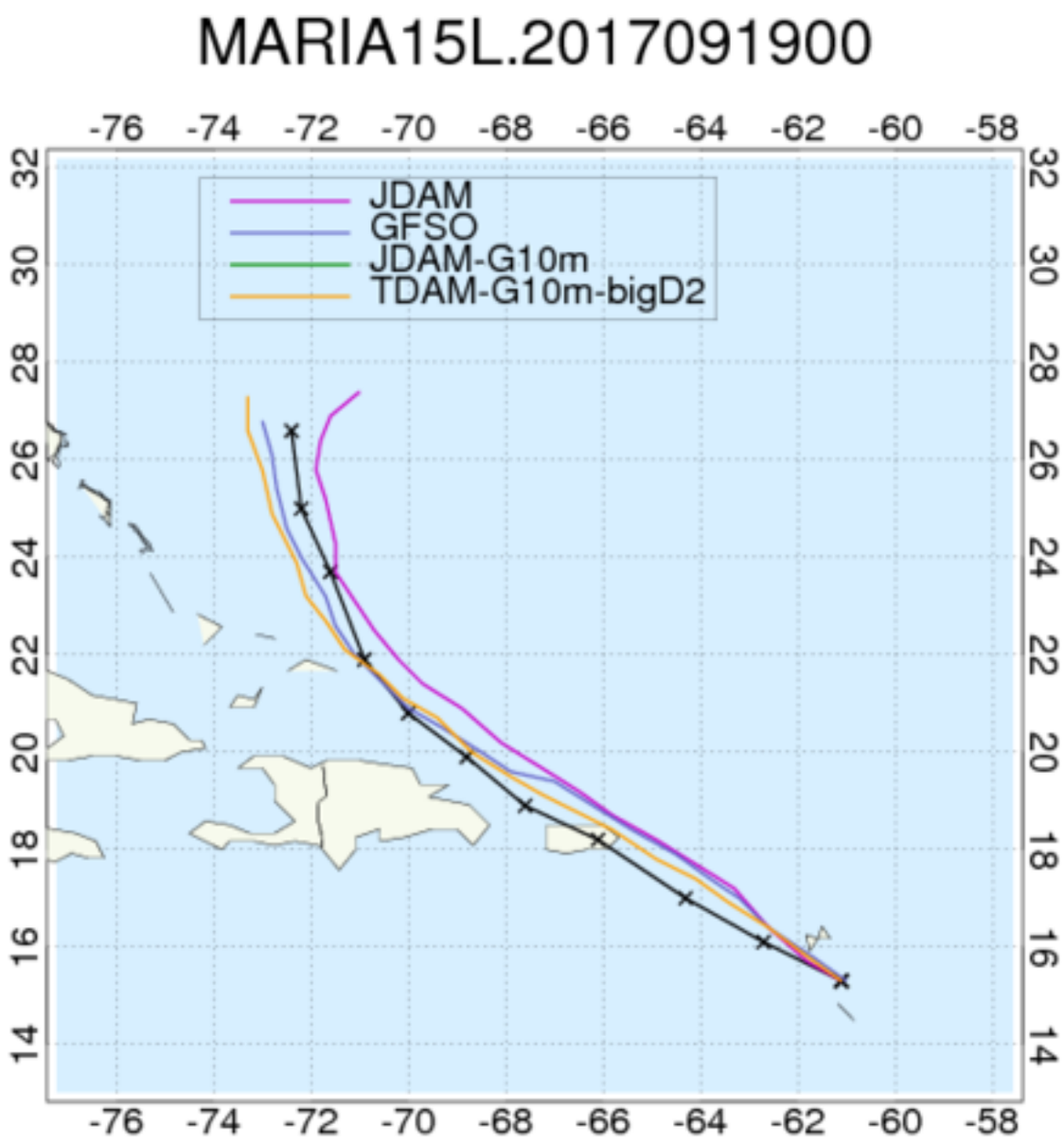

MARIA15L.2017091812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
160
140
120
100
80
60
0
20
40
60
80
100
120
140

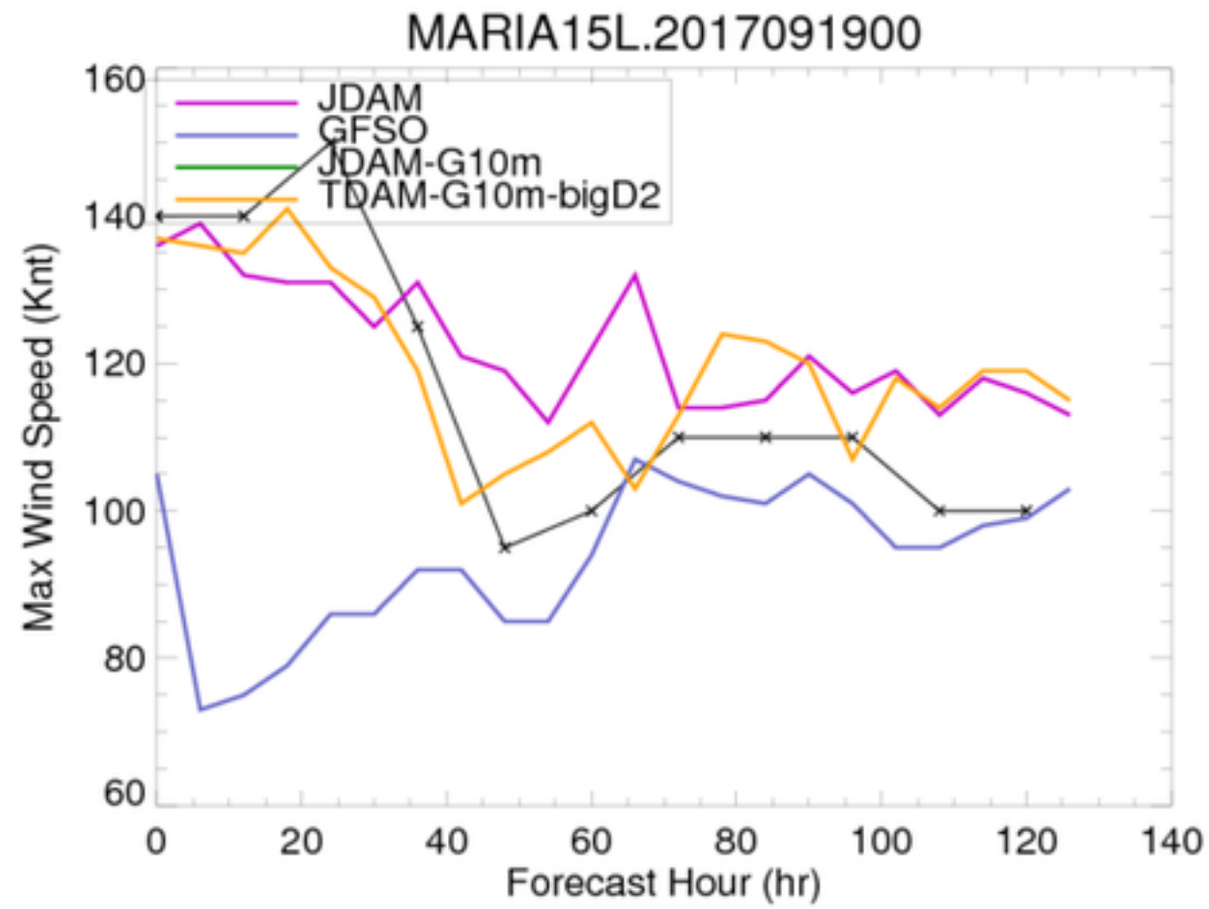

MARIA15L.2017091812
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
980
960
940
920
900
0
20
40
60
80
100
120
140

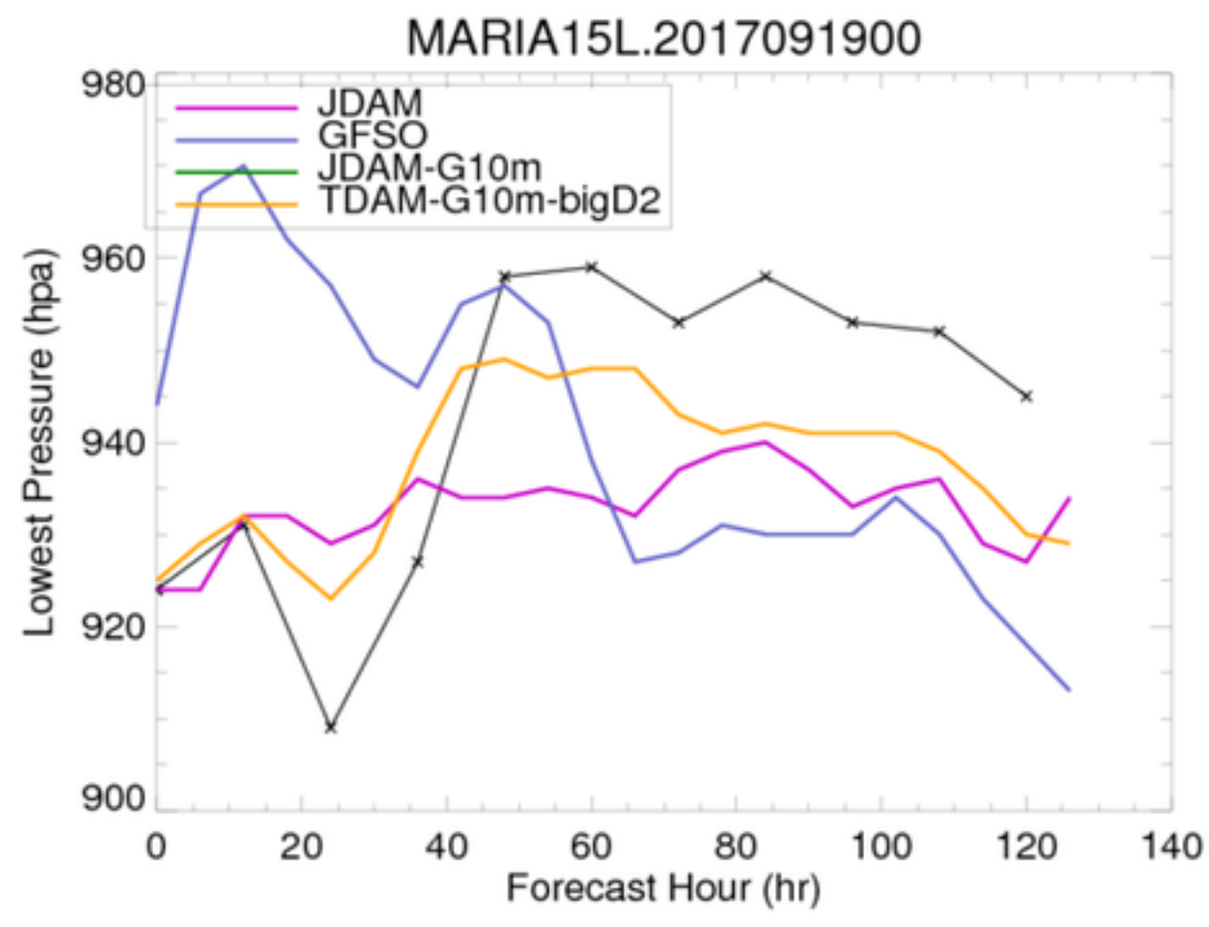

MARIA15L.2017091818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76
-72
-68
-64
-60
30
28
26
24
22
20
18
16
14

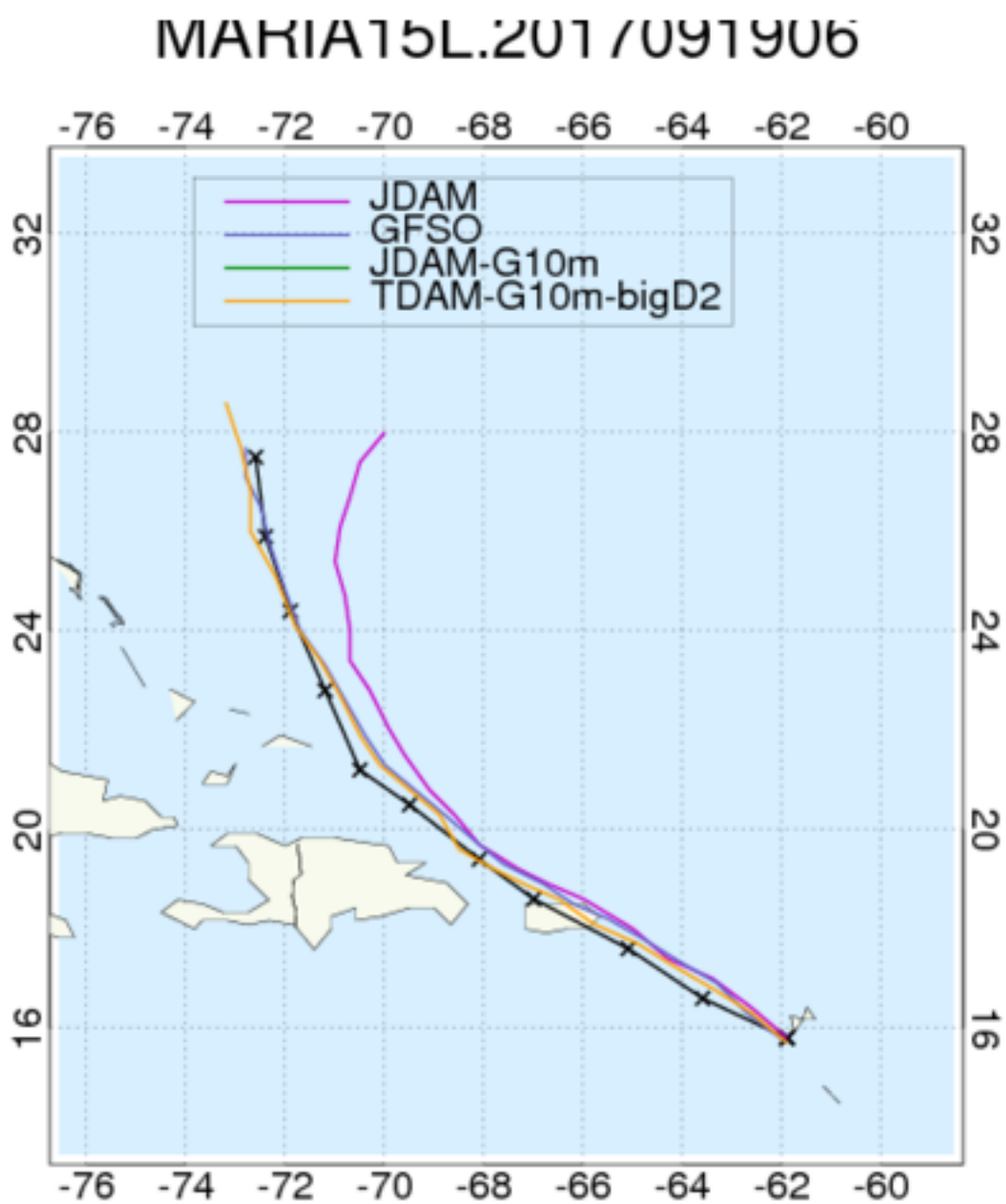

MARIA15L.2017091818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
160
140
120
100
80
60
0
20
40
60
80
100
120
140

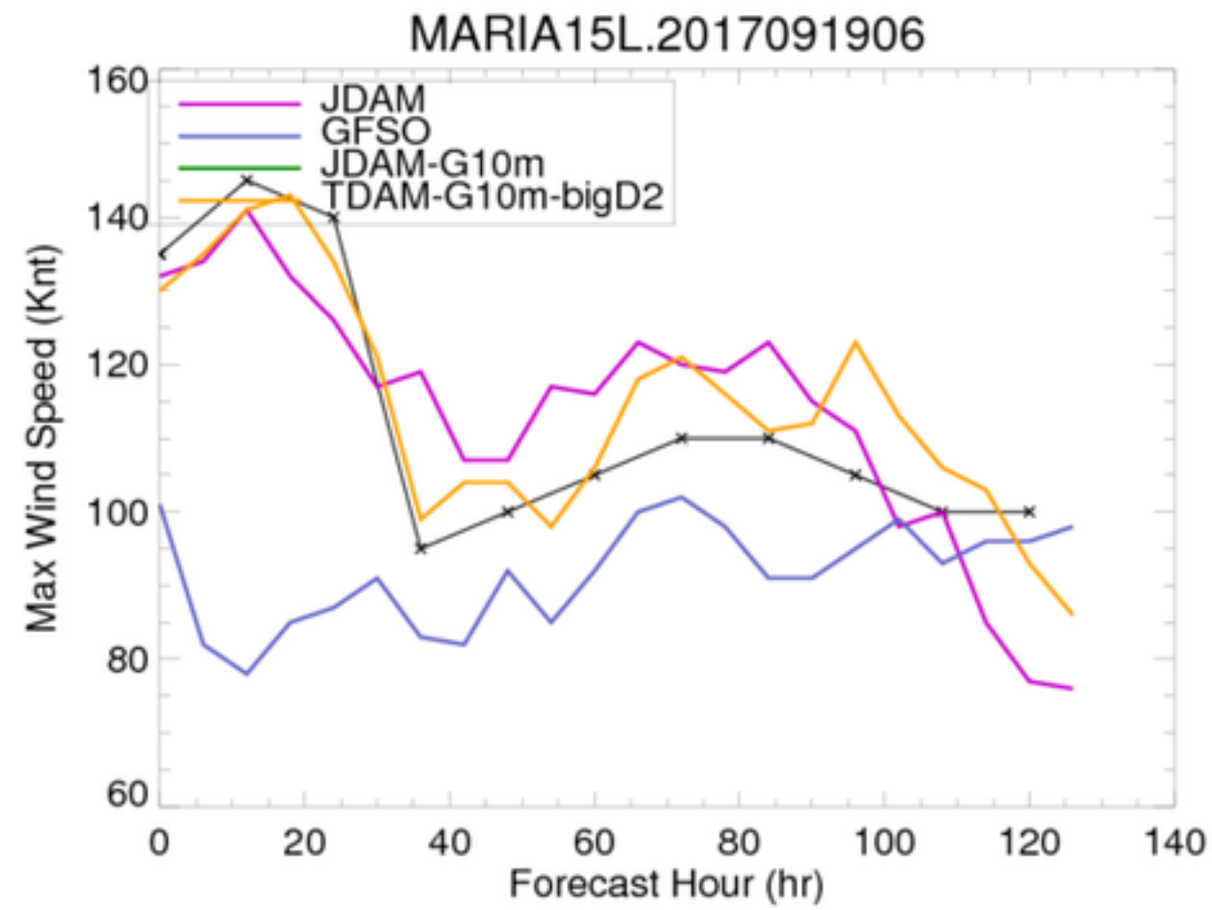

MARIA15L.2017091818
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
980
960
940
920
900
0
20
40
60
80
100
120
140

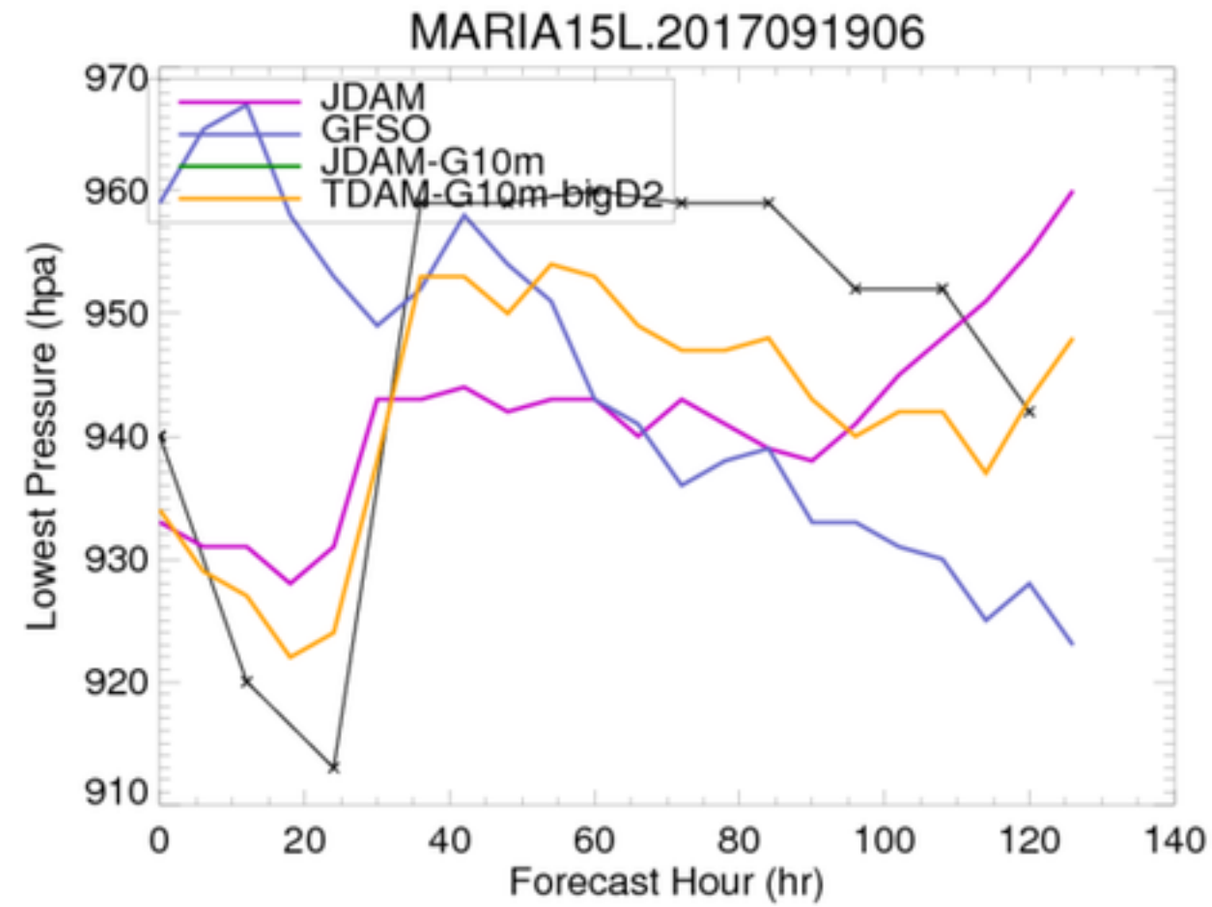

MARIA15L.2017091900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76 -74 -72 -70 -68 -66 -64 -62 -60 -58
14 16 18 20 22 24 26 28 30 32

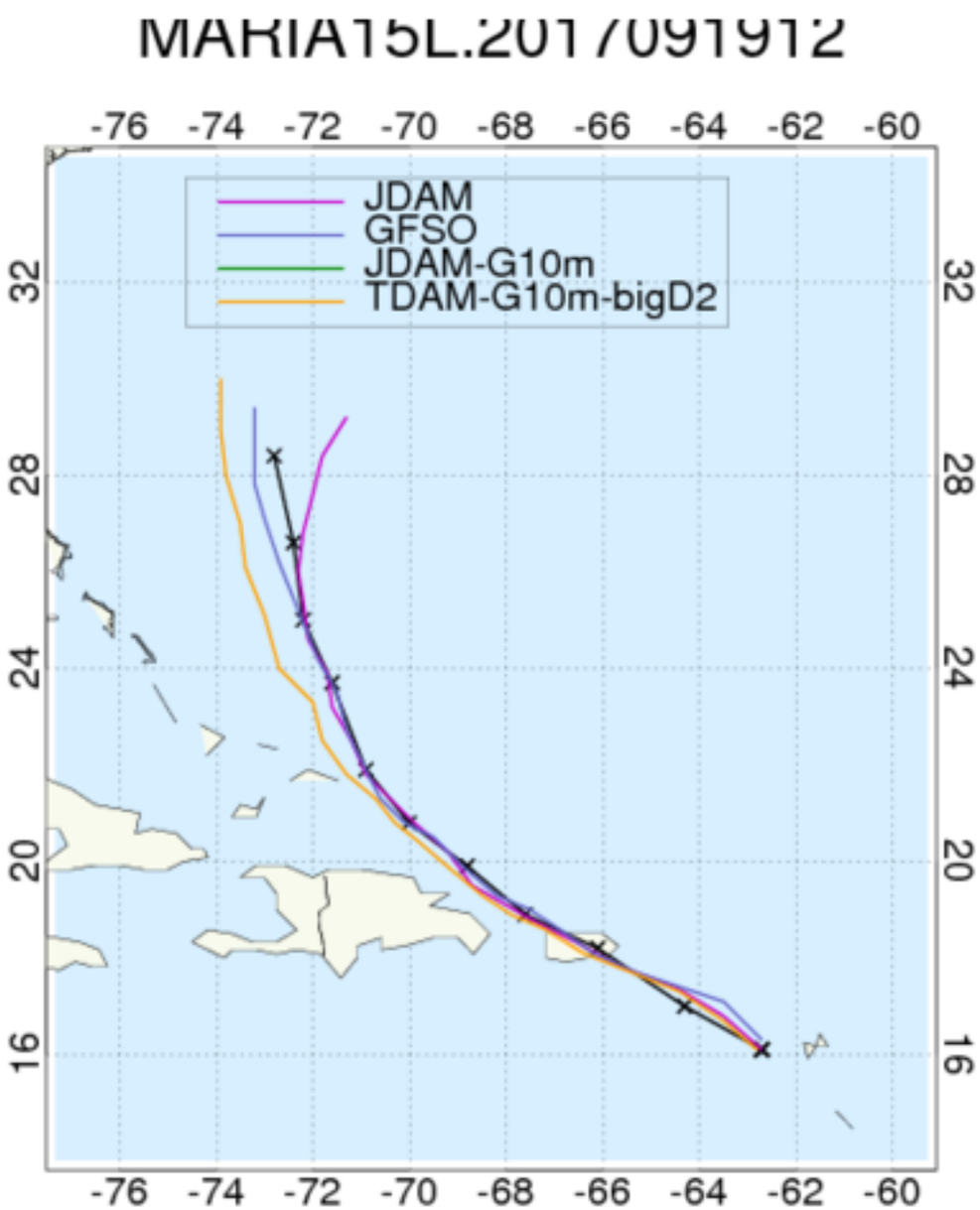

MARIA15L.2017091900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
60 80 100 120 140 160
Forecast Hour (hr)
0 20 40 60 80 100 120 140

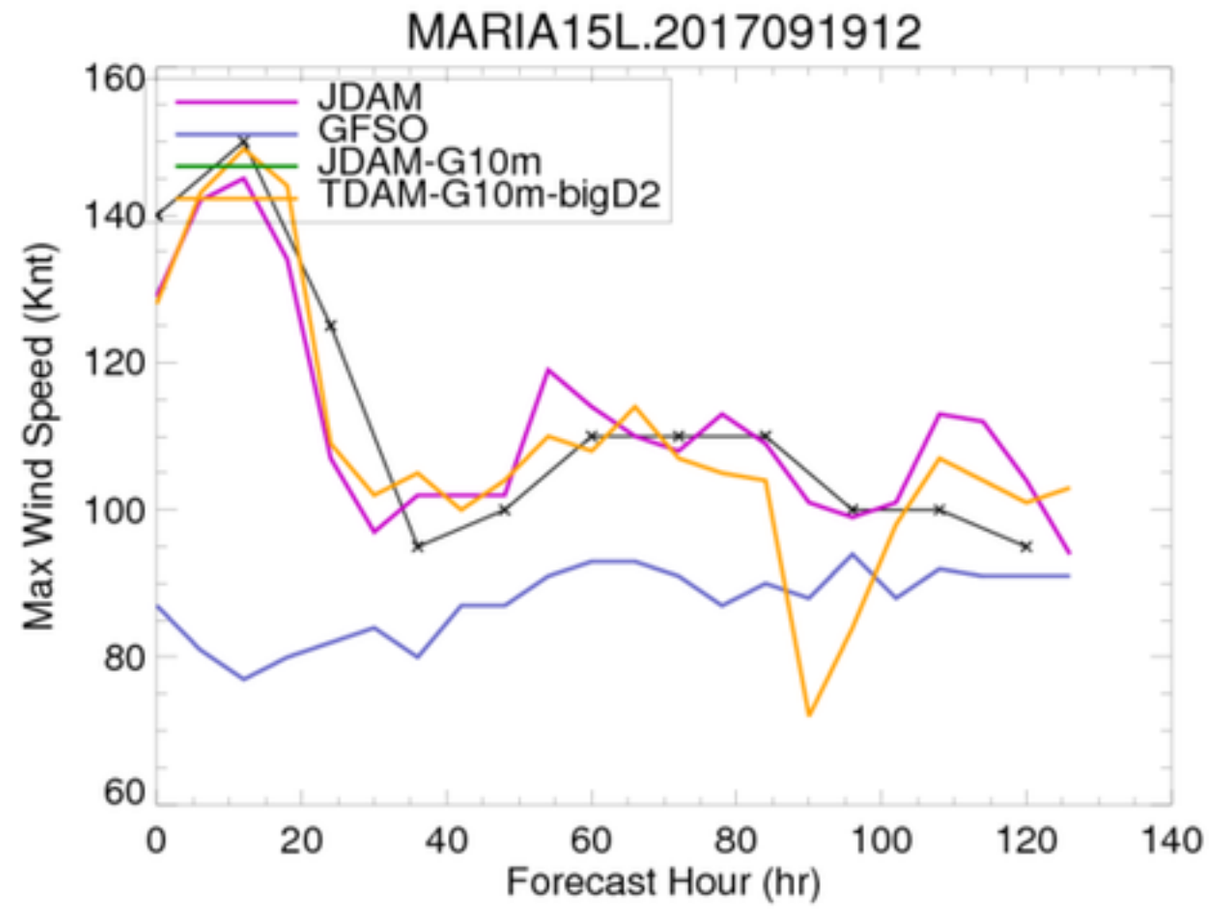

MARIA15L.2017091900
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
900 920 940 960 980
Forecast Hour (hr)
0 20 40 60 80 100 120 140

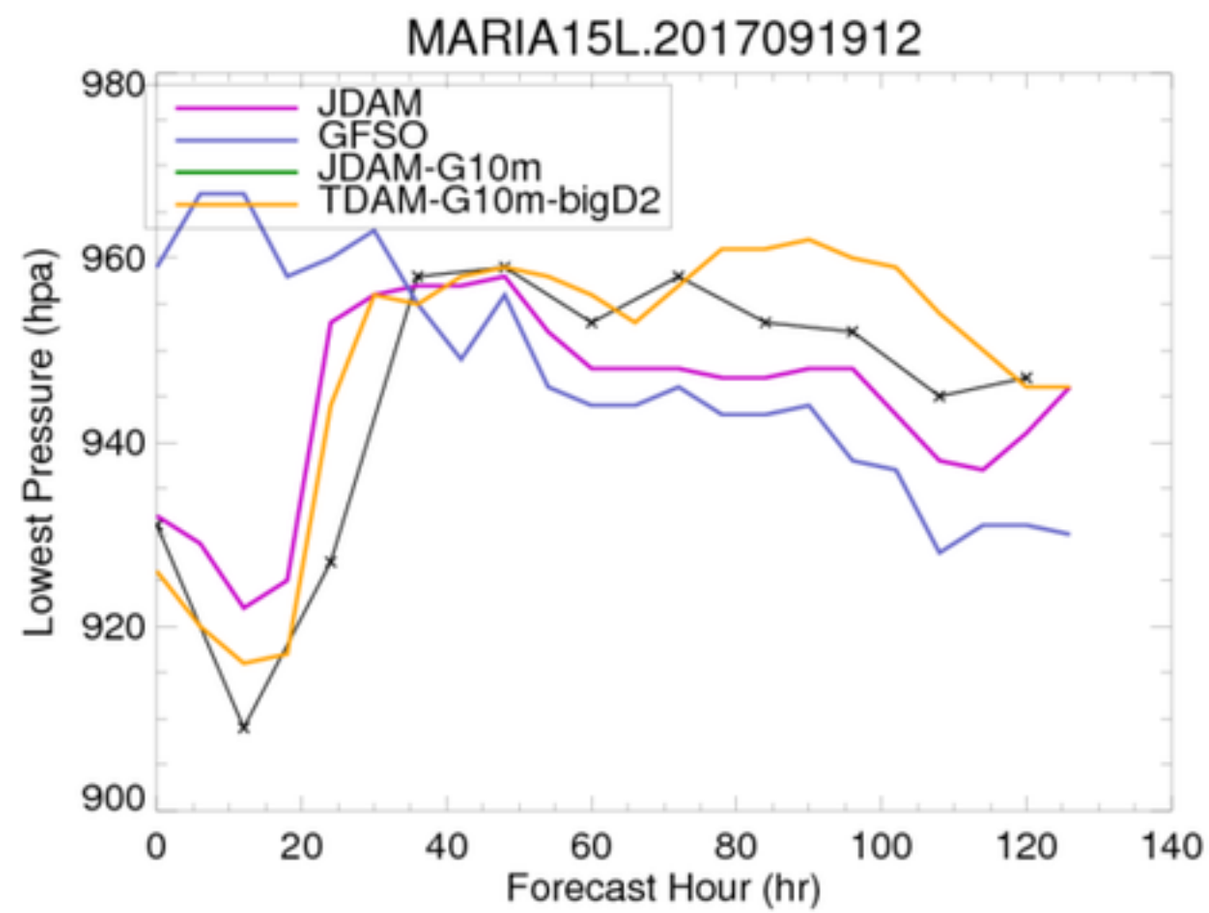

MARIA15L.2017091906
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76 -74 -72 -70 -68 -66 -64 -62 -60
32
28
24
20
16

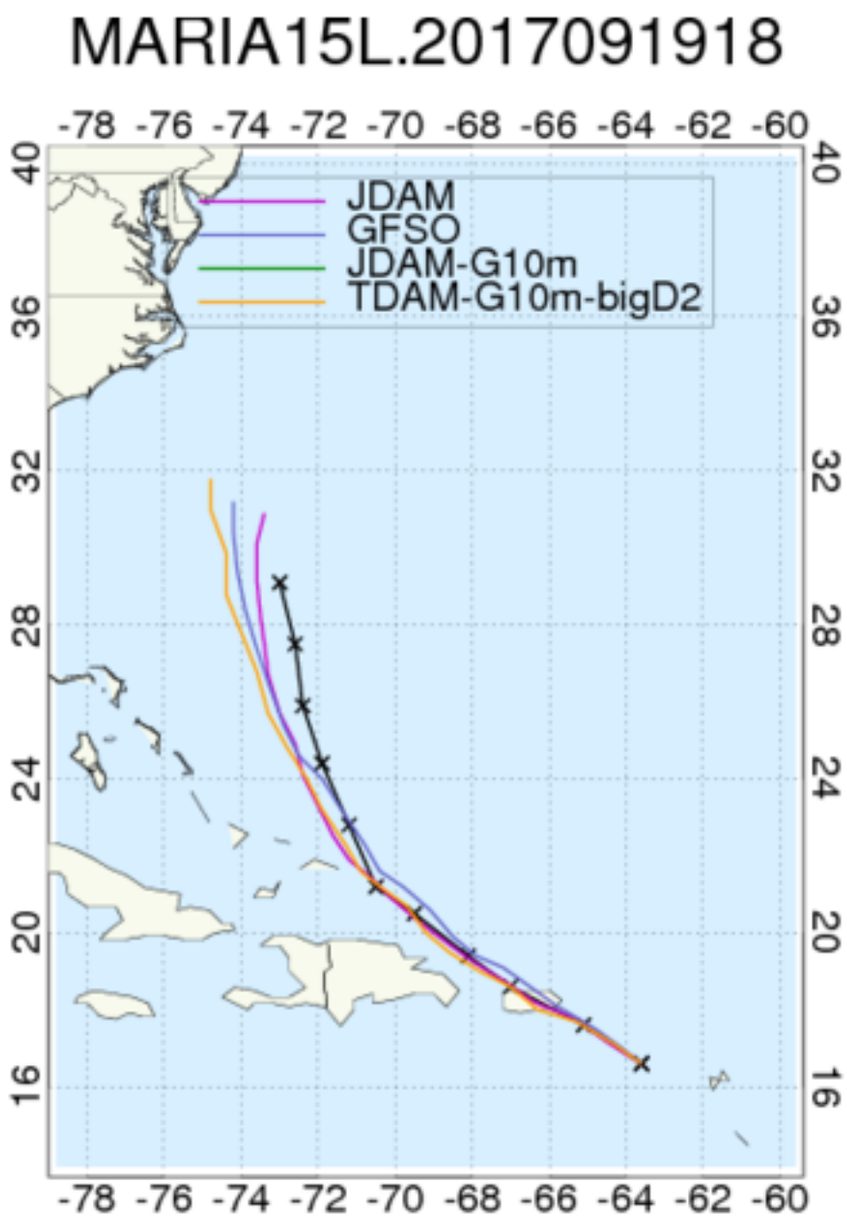

MARIA15L.2017091906
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
160
140
120
100
80
60
0 20 40 60 80 100 120 140

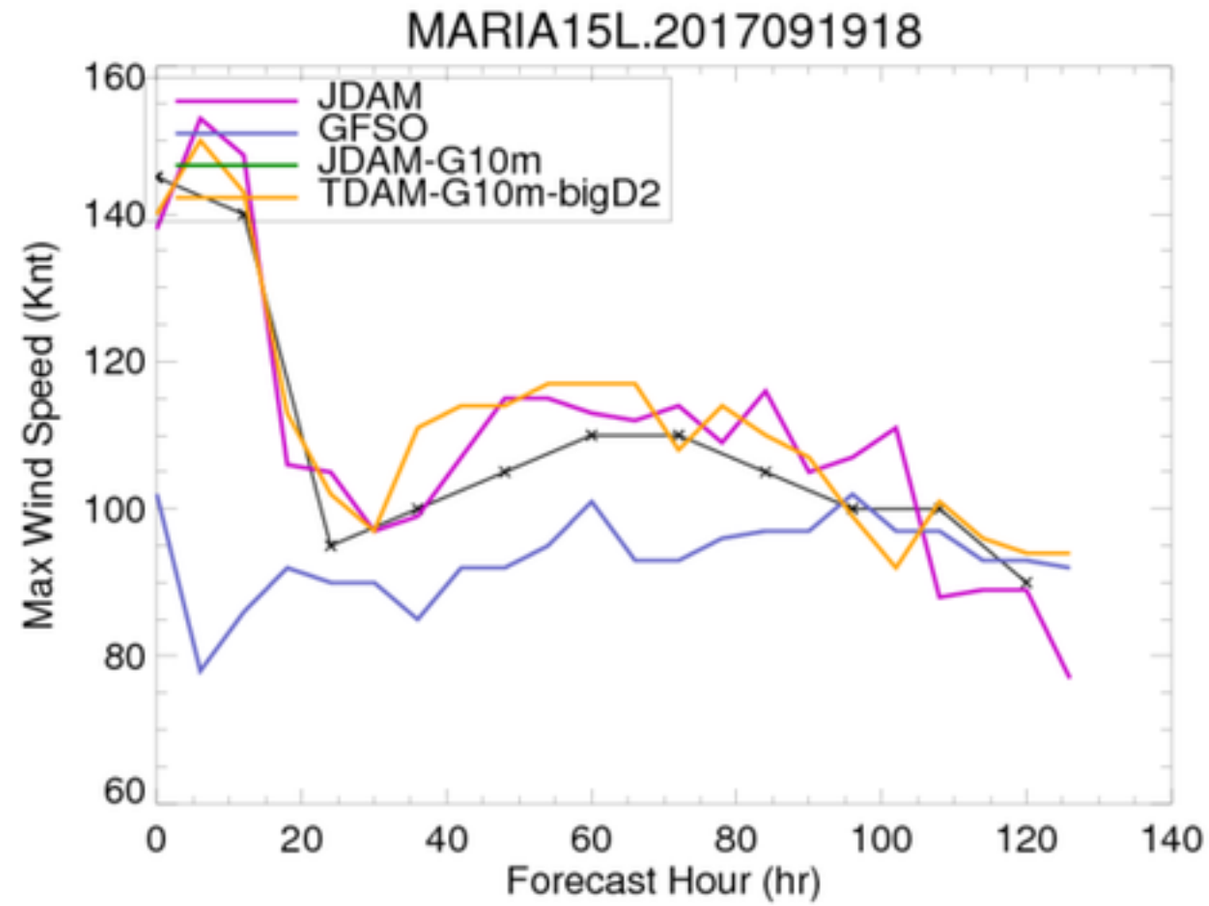

MARIA15L.2017091906
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
970
960
950
940
930
920
910
0 20 40 60 80 100 120 140

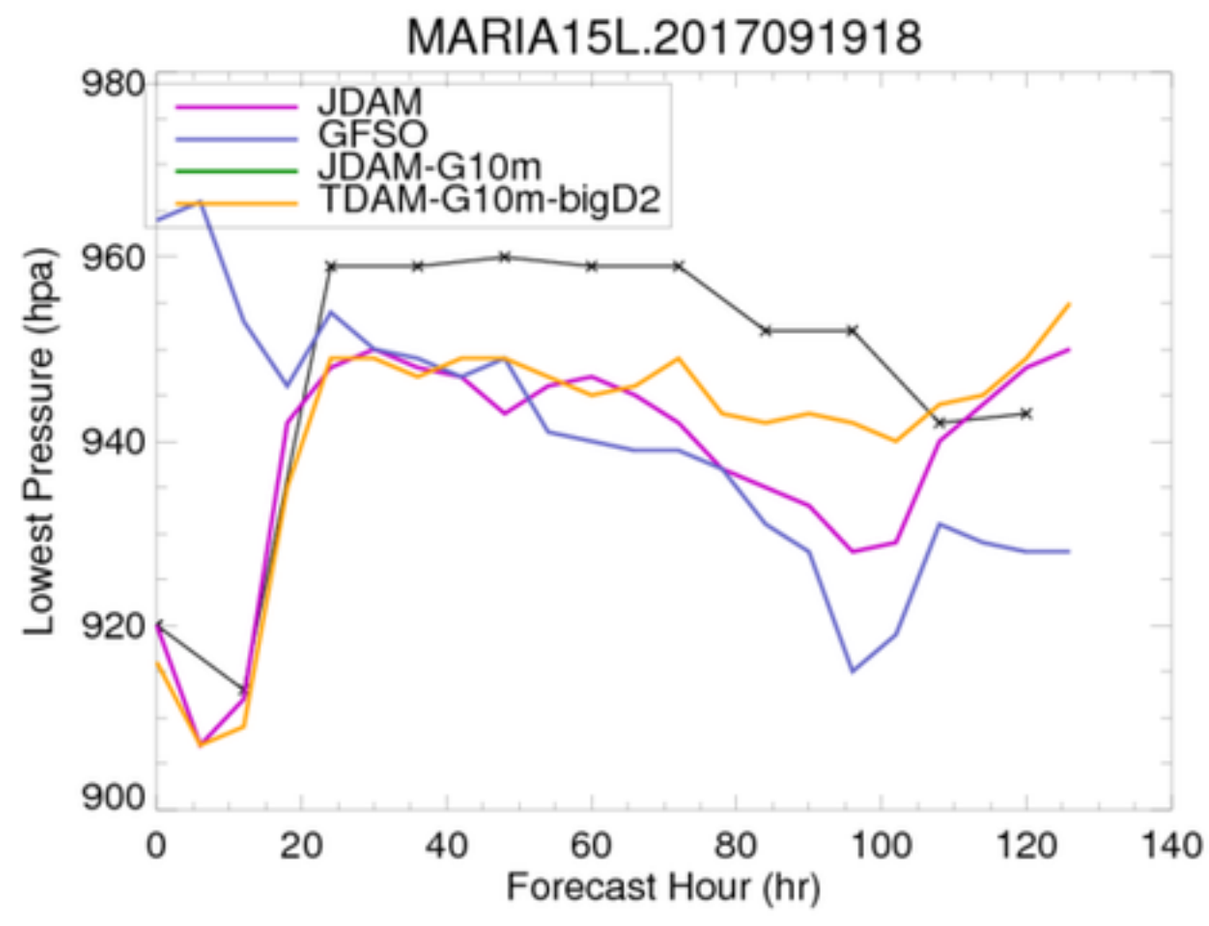

MARIA15L.2017091912
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76 -74 -72 -70 -68 -66 -64 -62 -60
32
28
24
20
16

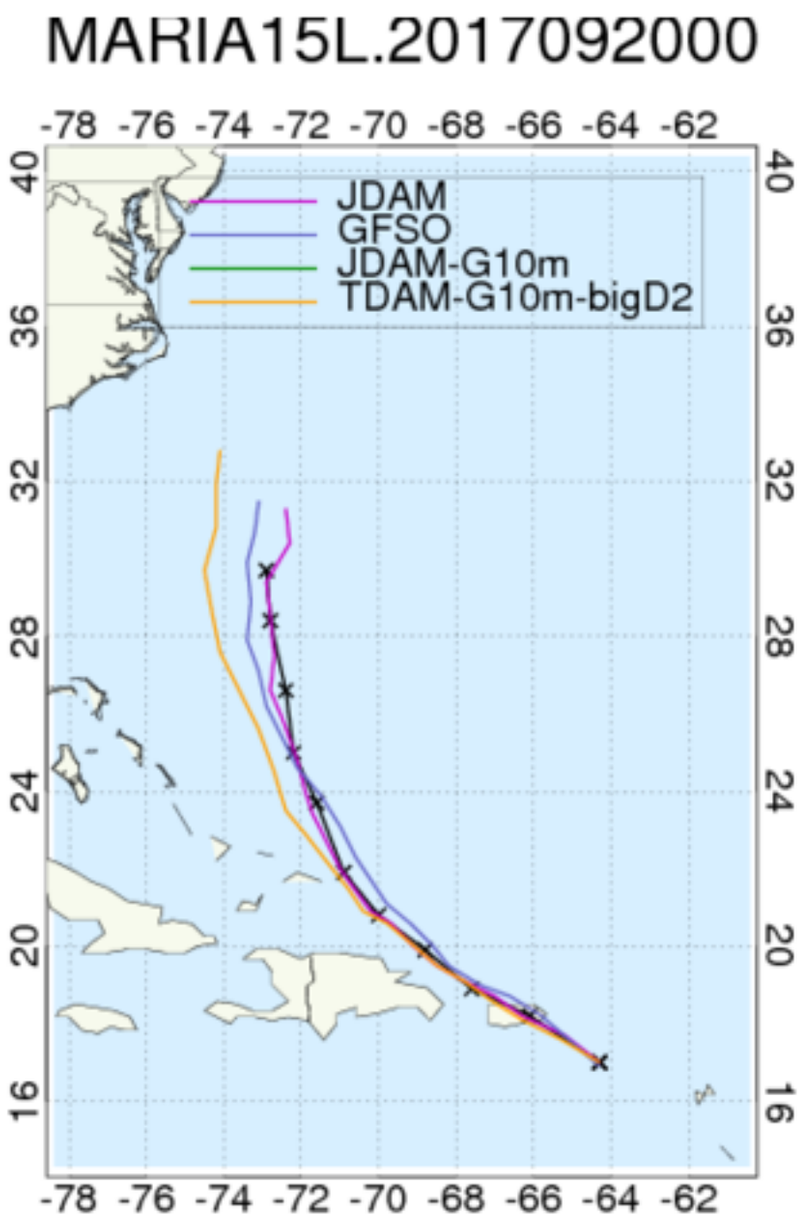

MARIA15L.2017091912
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
160
140
120
100
80
60
0 20 40 60 80 100 120 140

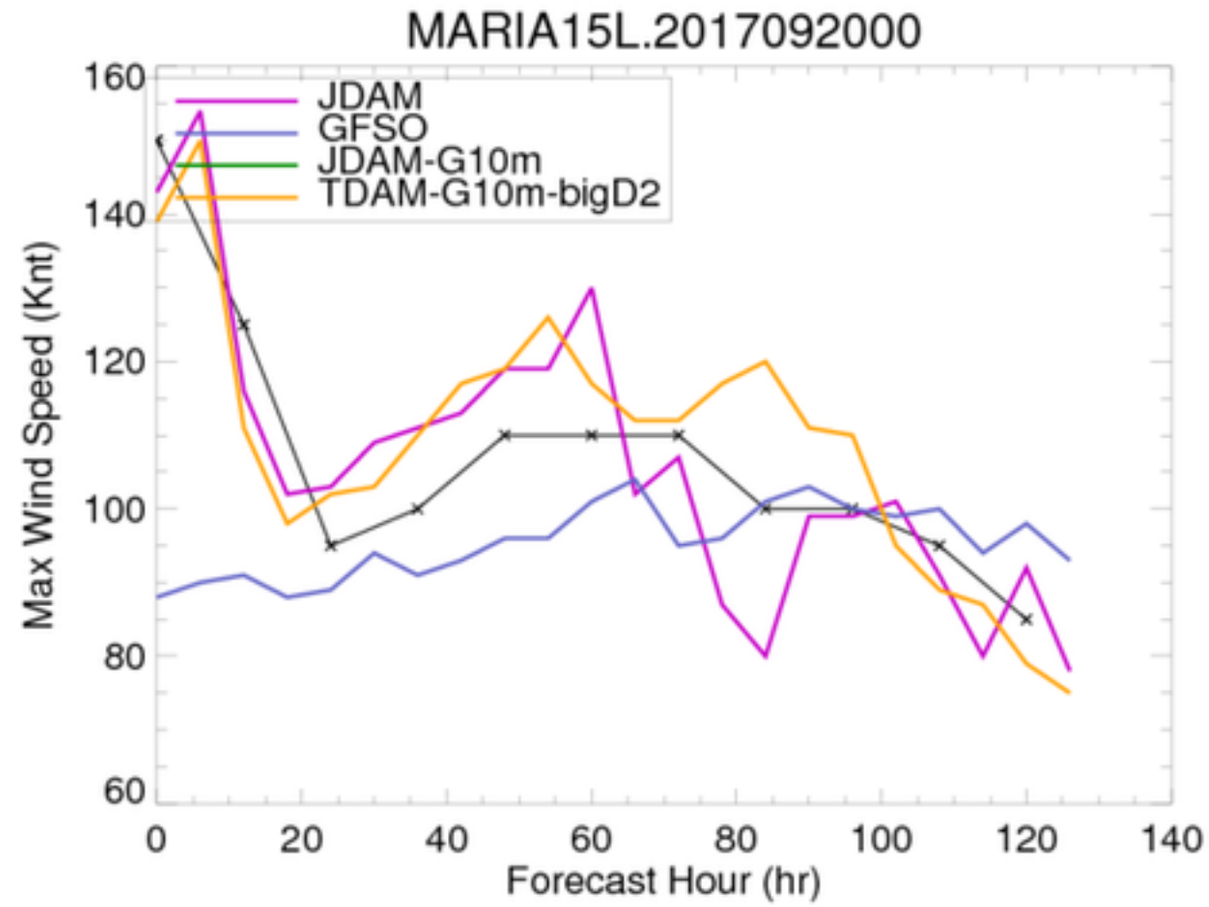

MARIA15L.2017091912
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
980
960
940
920
900
0 20 40 60 80 100 120 140

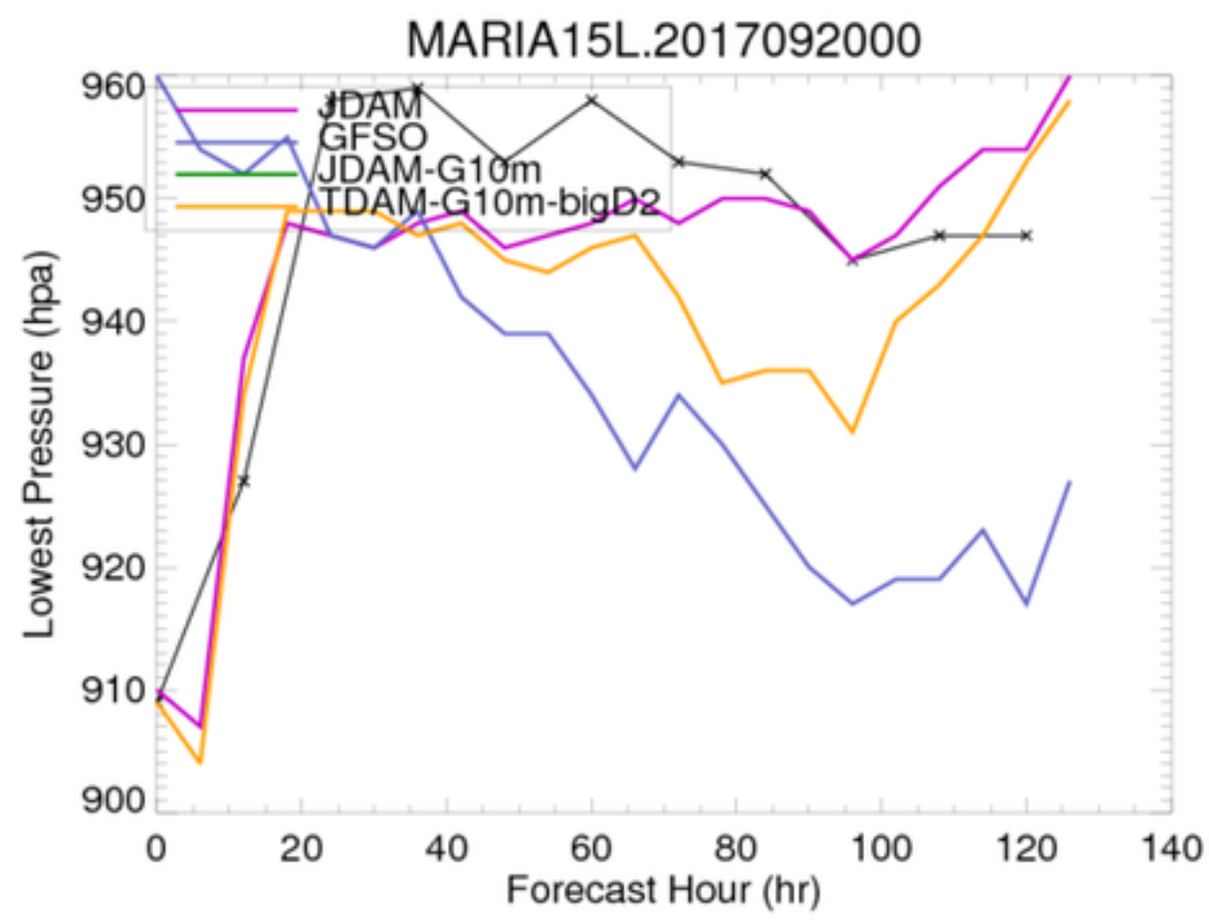

MARIA15L.2017091918
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-78 -76 -74 -72 -70 -68 -66 -64 -62 -60
40 36 32 28 24 20 16

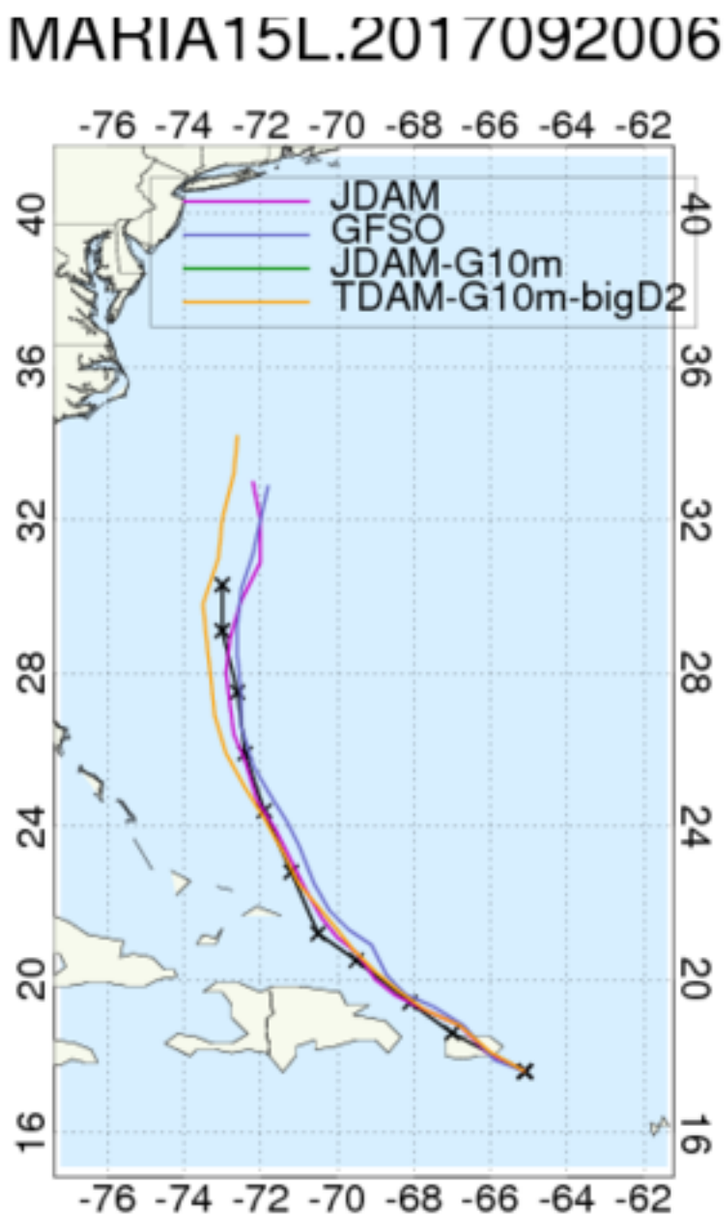

MARIA15L.2017091918
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
160 140 120 100 80 60
0 20 40 60 80 100 120 140
Forecast Hour (hr)

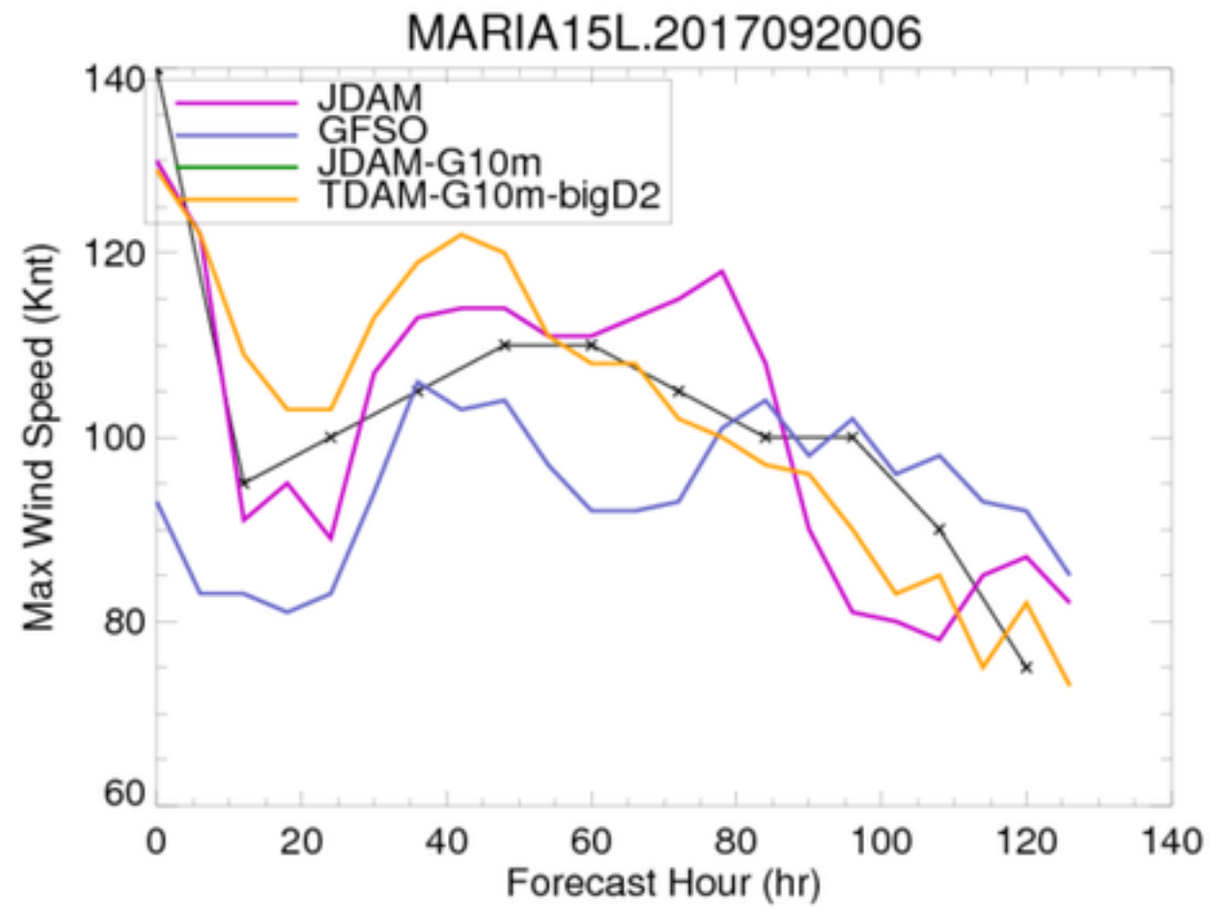

MARIA15L.2017091918
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
980 960 940 920 900
0 20 40 60 80 100 120 140
Forecast Hour (hr)

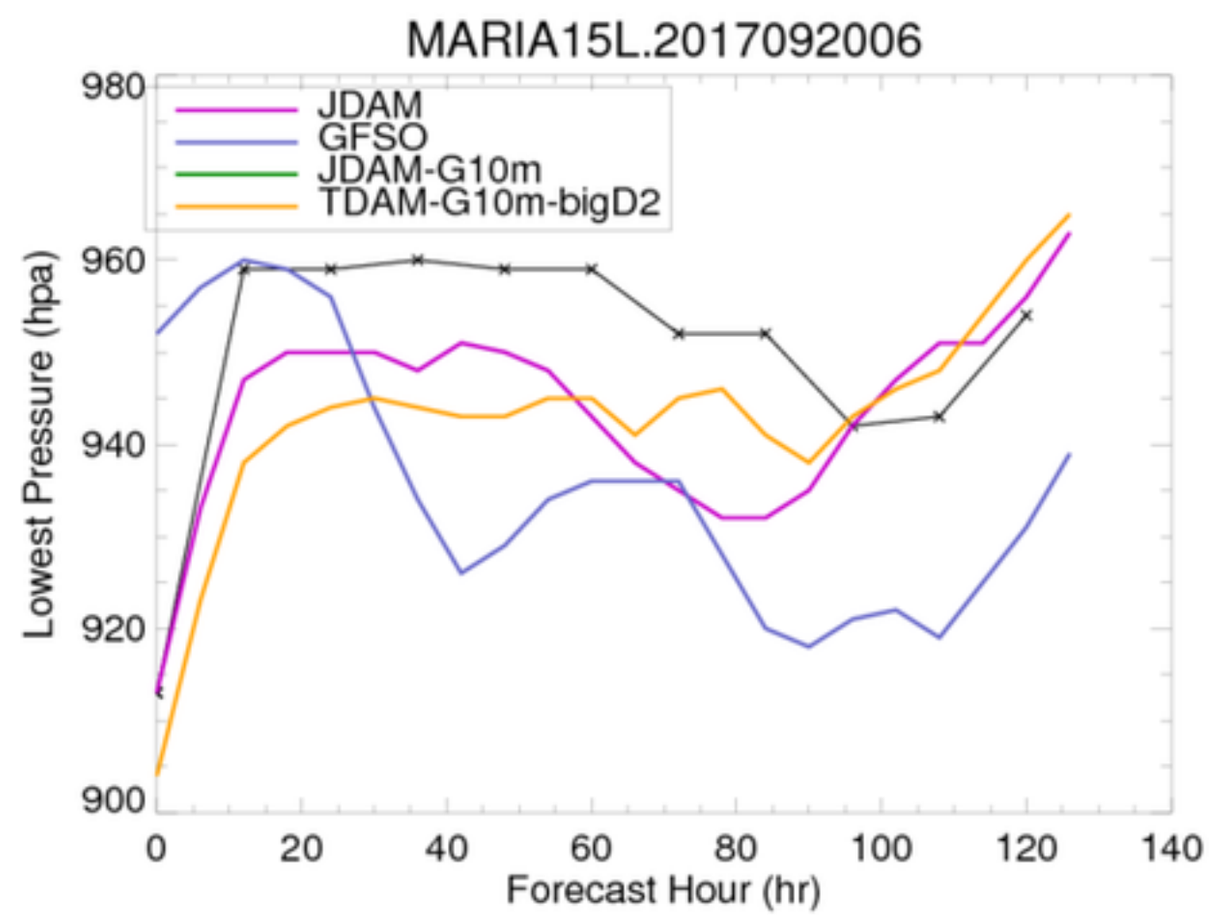

MARIA15L.2017092000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-78 -76 -74 -72 -70 -68 -66 -64 -62
40
36
32
28
24
20
16

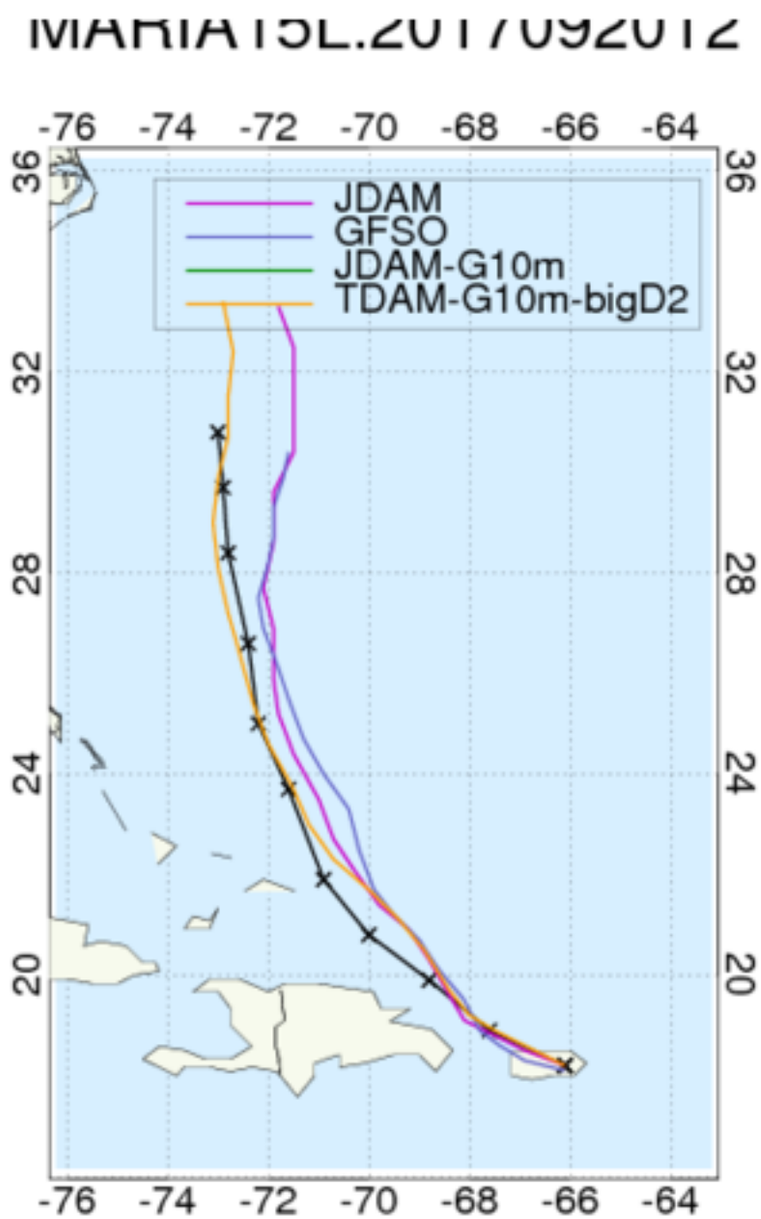

MARIA15L.2017092000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
160
140
120
100
80
60
0 20 40 60 80 100 120 140
Forecast Hour (hr)

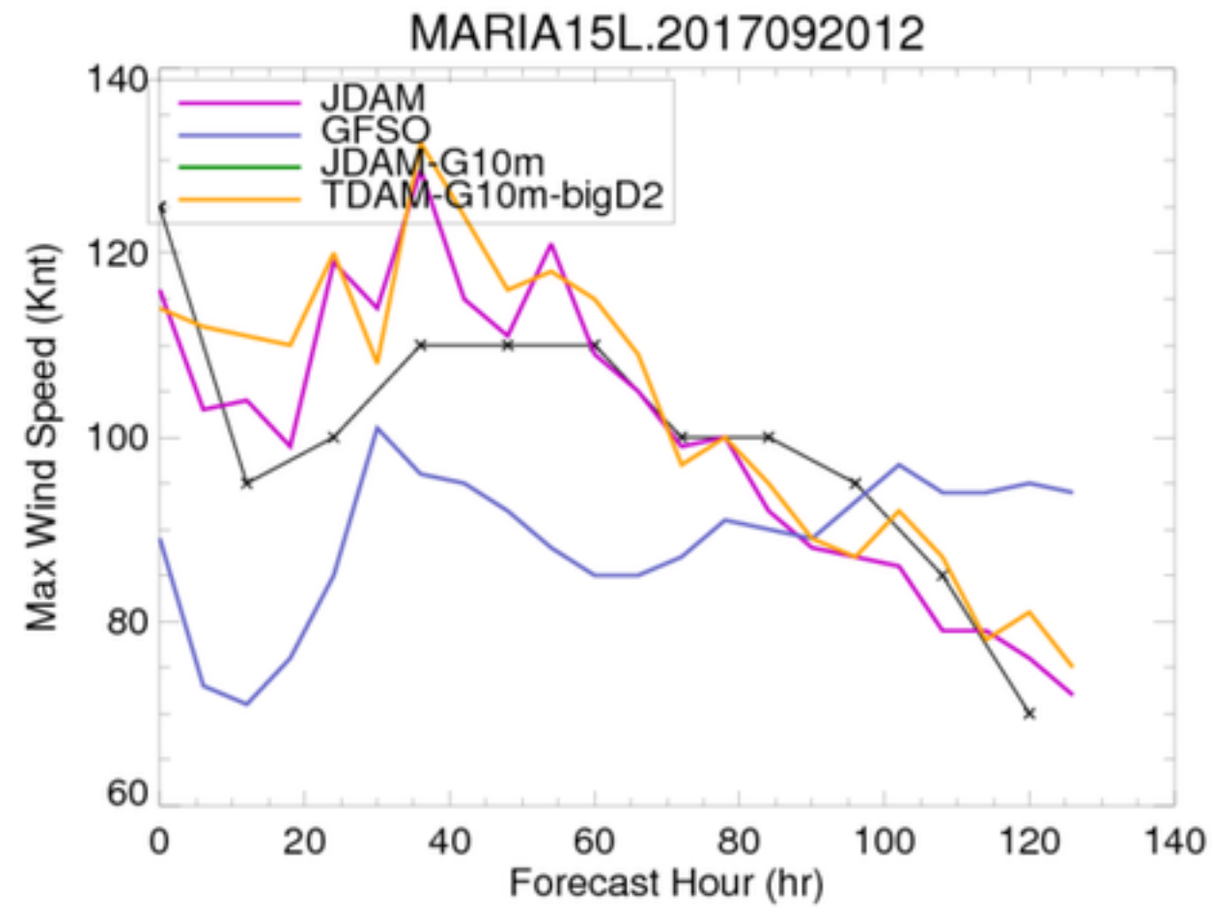

MARIA15L.2017092000
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
960
950
940
930
920
910
900
0 20 40 60 80 100 120 140
Forecast Hour (hr)

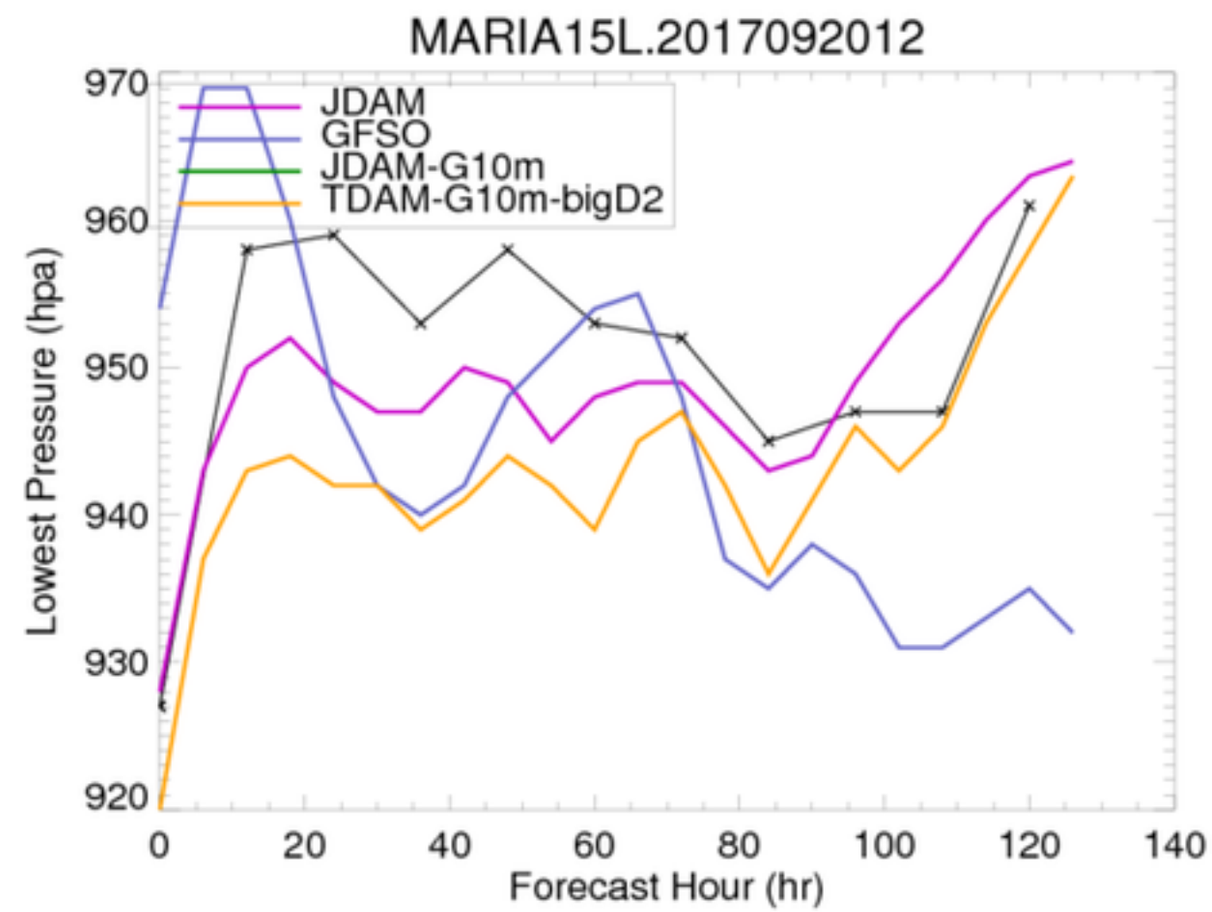

MARIA15L.2017092006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76 -74 -72 -70 -68 -66 -64 -62
40
36
32
28
24
20
16

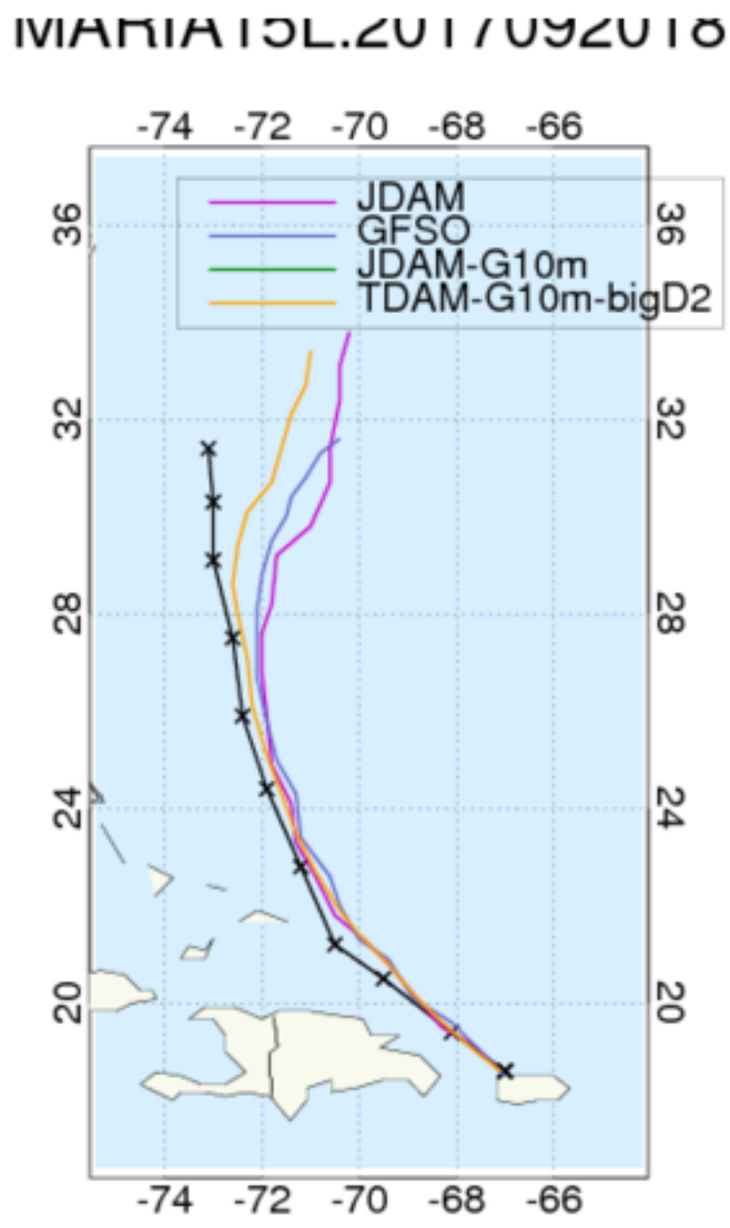

MARIA15L.2017092006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
60
80
100
120
140
0
20
40
60
80
100
120
140

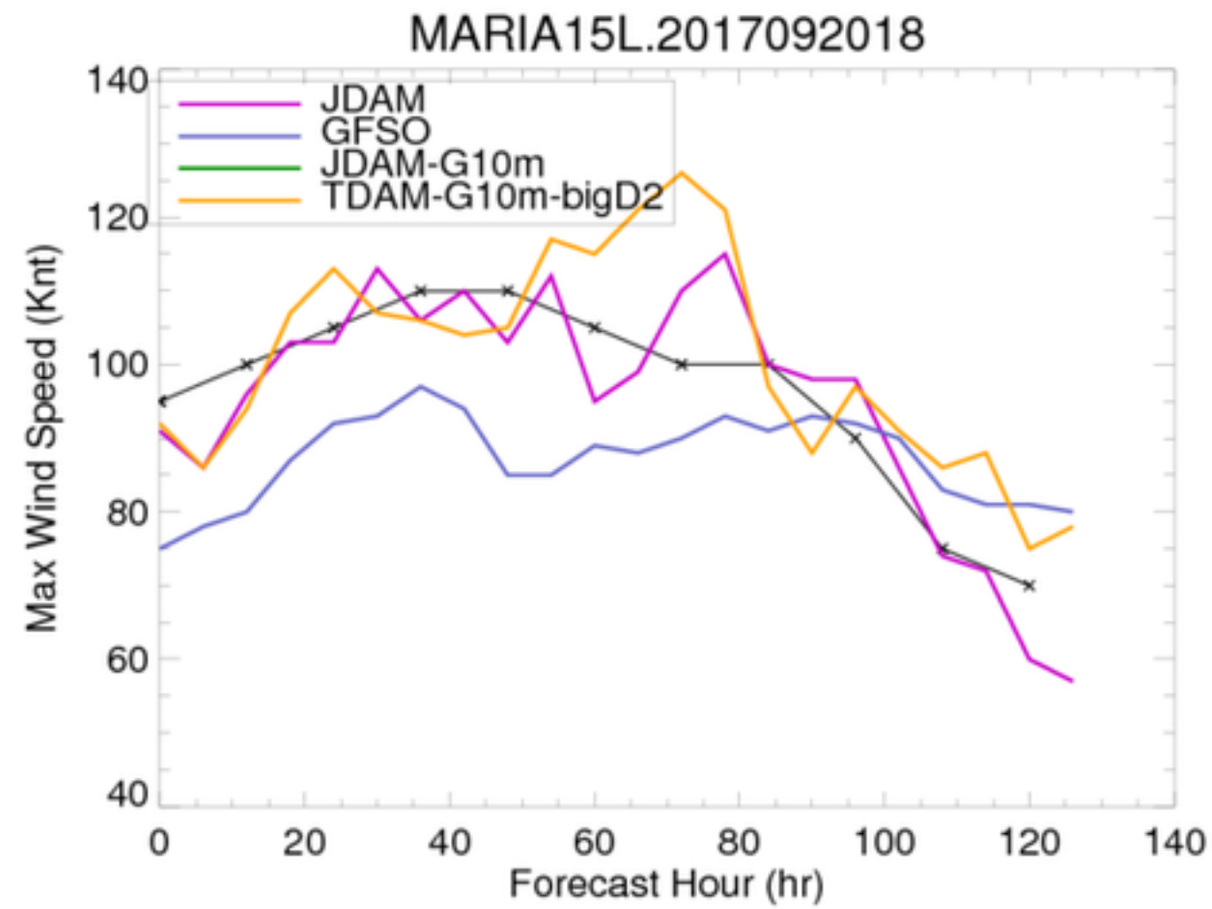

MARIA15L.2017092006
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
900
920
940
960
980
0
20
40
60
80
100
120
140

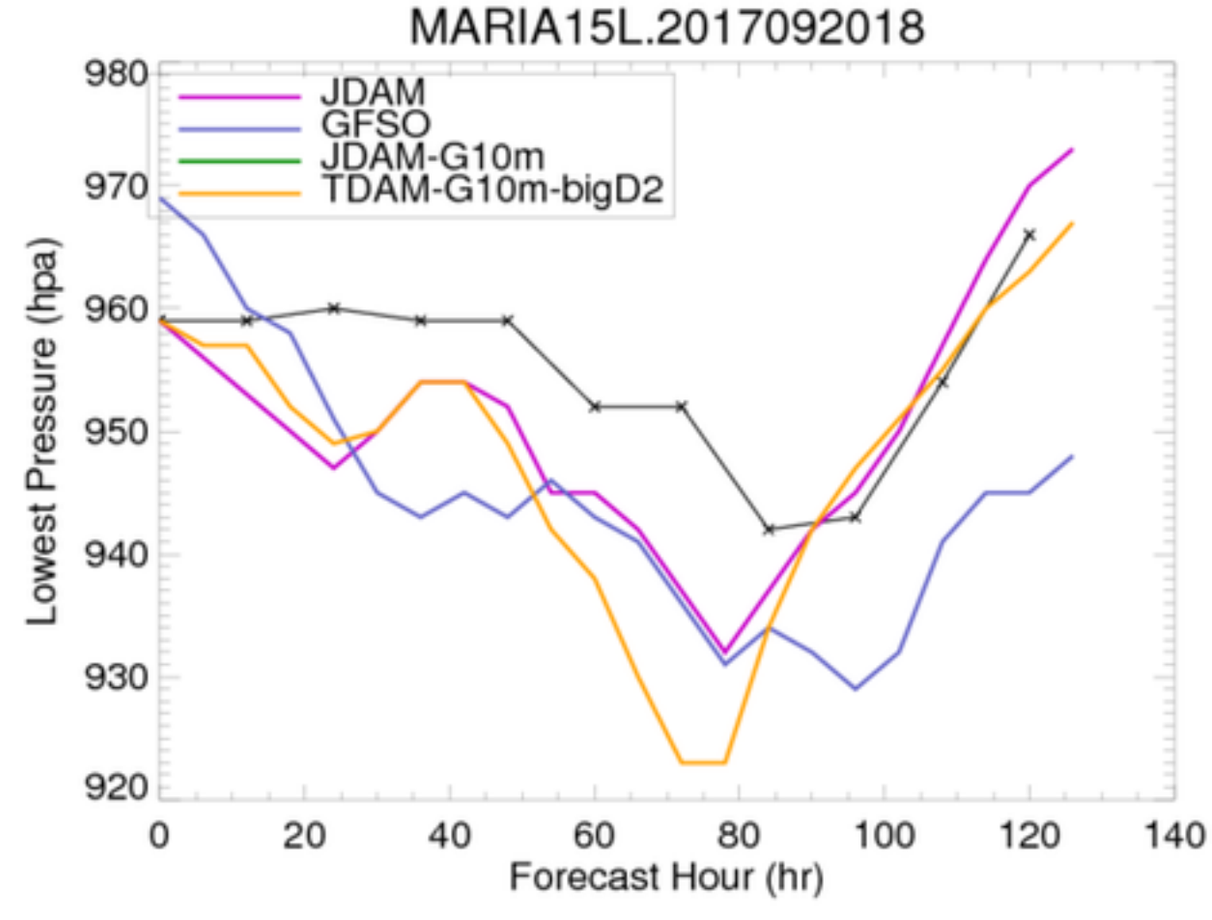

MARIA15L.2017092012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-76 -74 -72 -70 -68 -66 -64
36
32
28
24
20

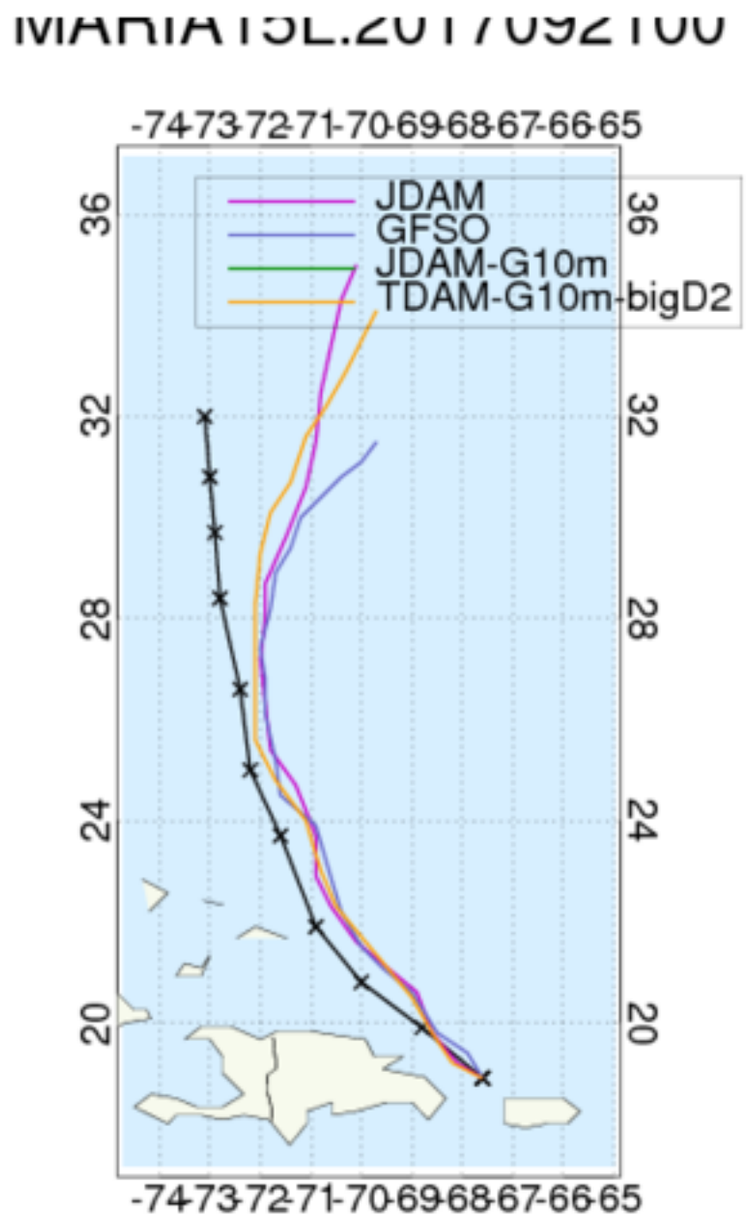

MARIA15L.2017092012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
60
80
100
120
140
0
20
40
60
80
100
120
140

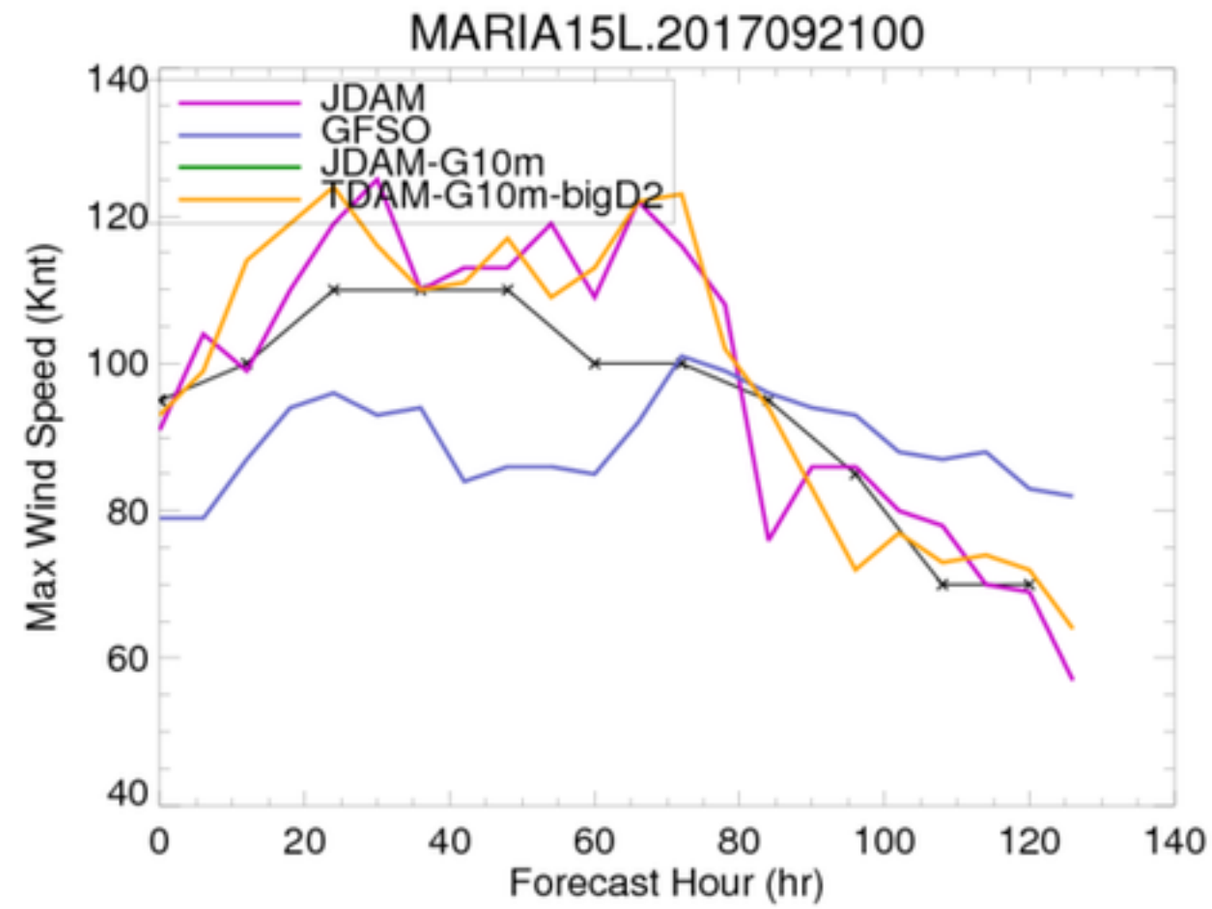

MARIA15L.2017092012
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
920
930
940
950
960
970
0
20
40
60
80
100
120
140

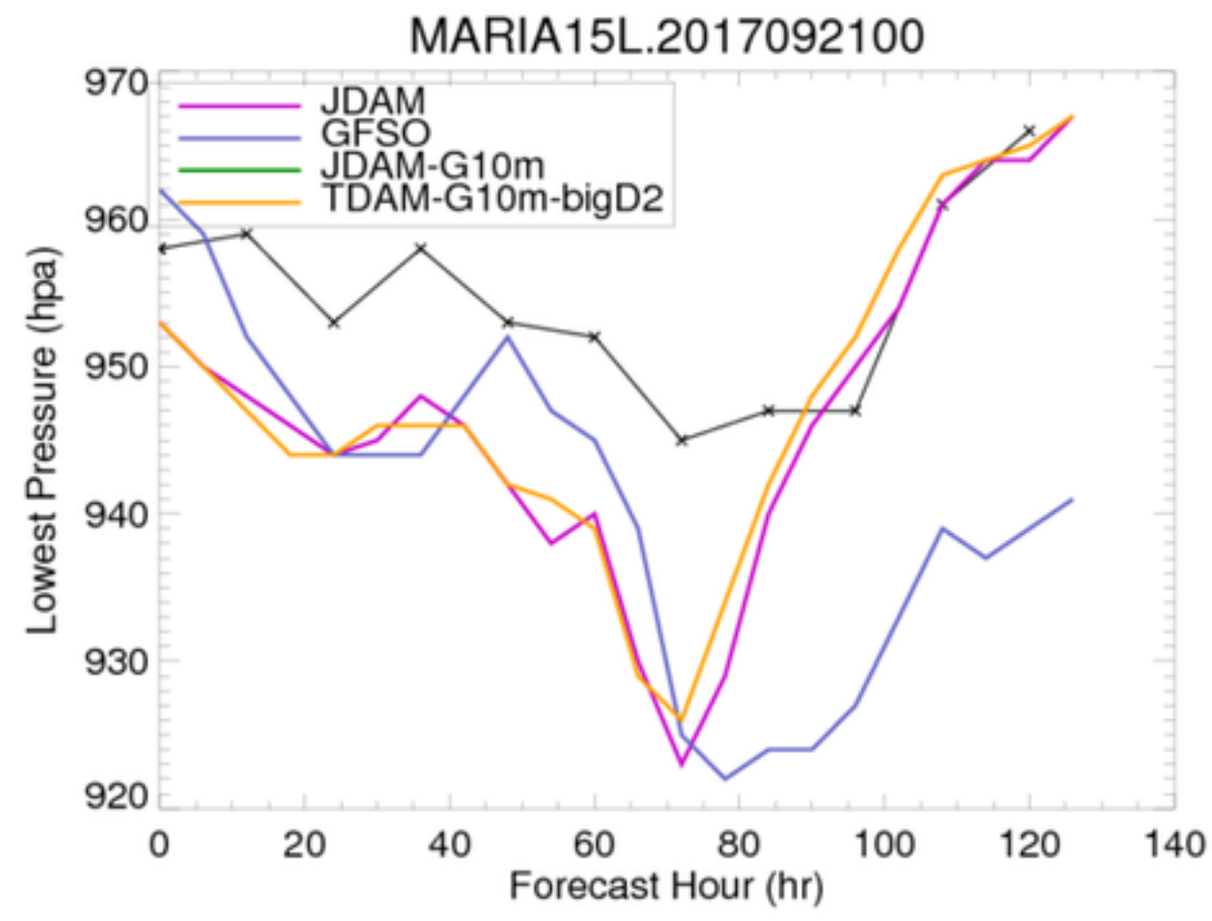

MARIA15L.2017092018
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-74 -72 -70 -68 -66
36
32
28
24
20

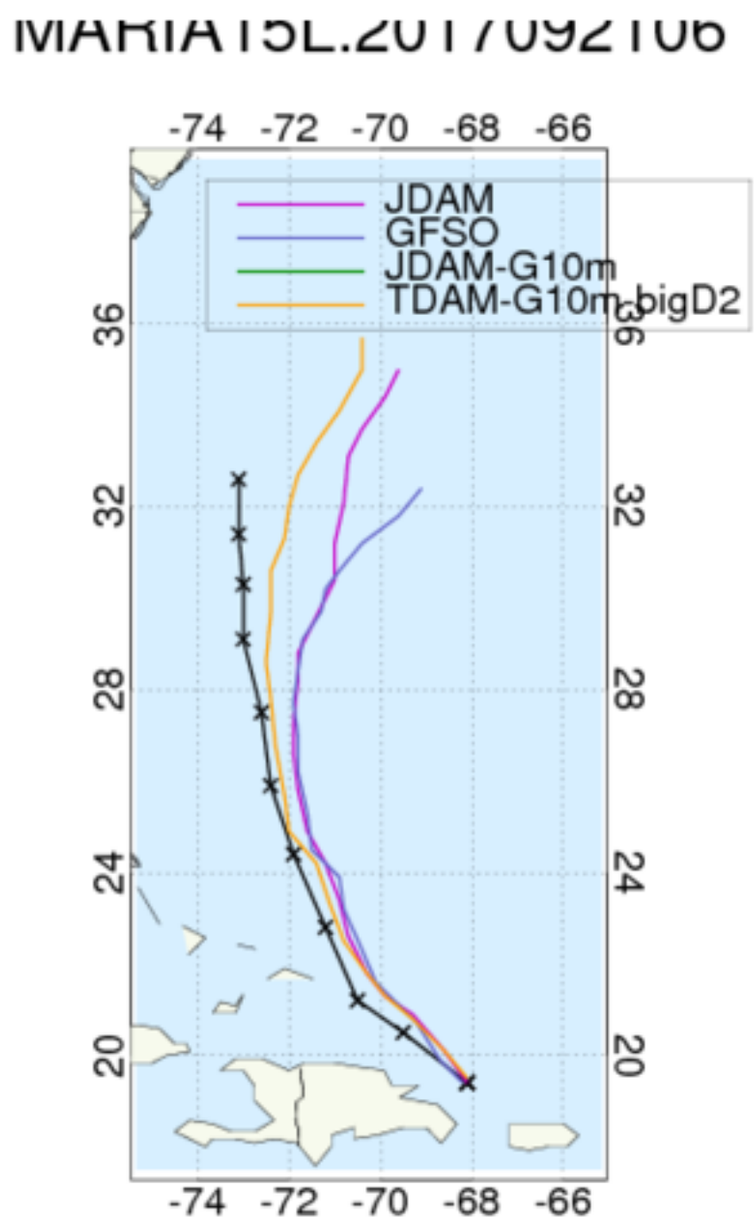

MARIA15L.2017092018
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
40
60
80
100
120
140
0
20

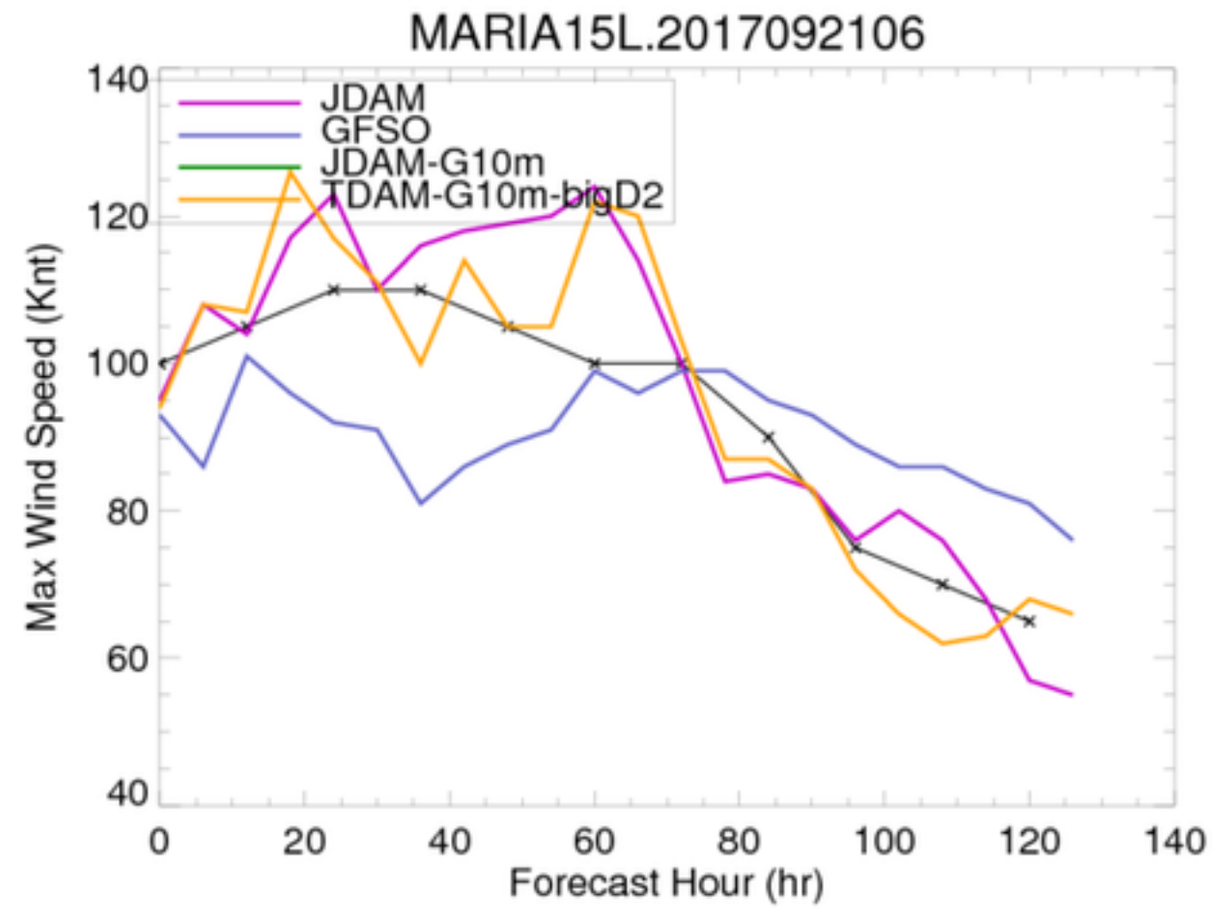

MARIA15L.2017092018
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
920
930
940
950
960
970
980
0
20
40
60
80
100
120
140

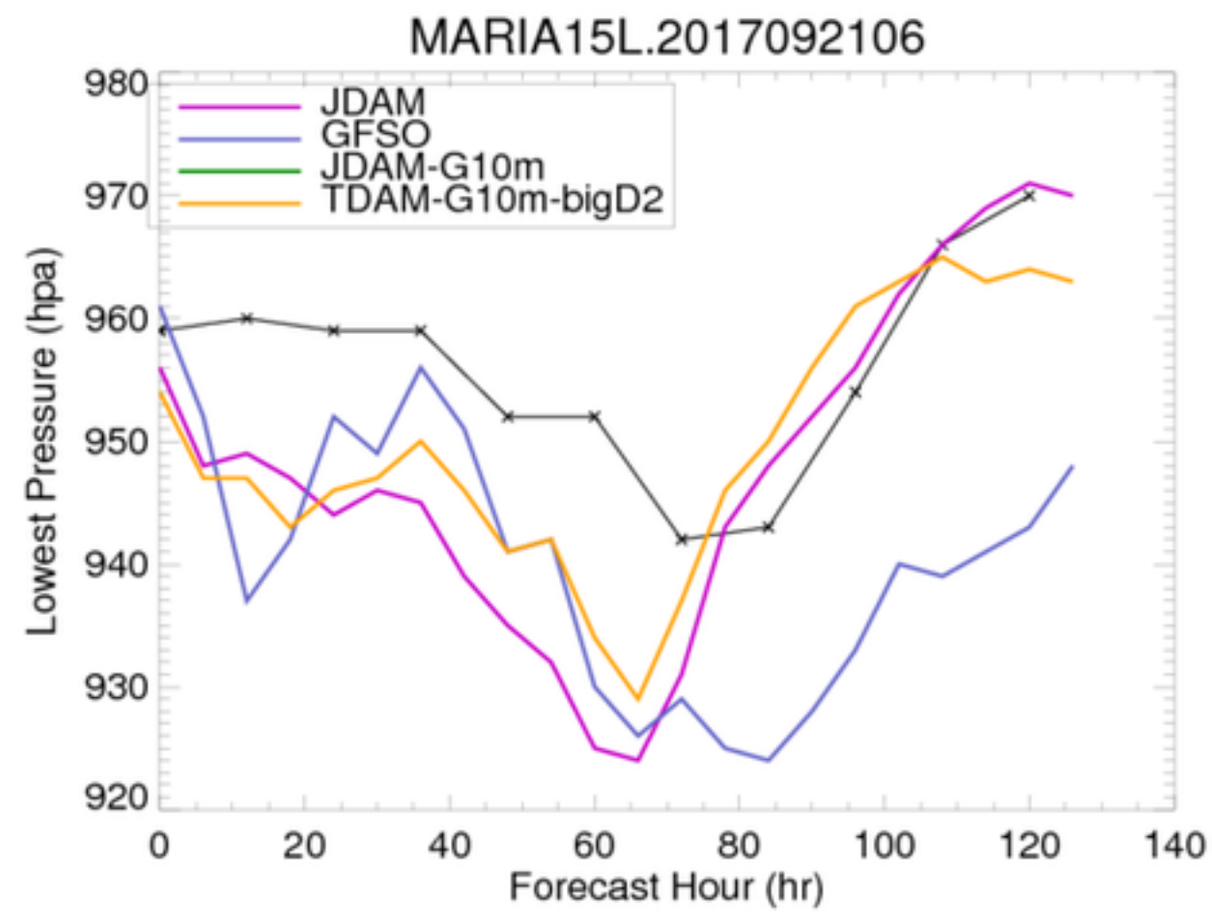

MARIA15L.2017092100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-74 -73 -72 -71 -70 -69 -68 -67 -66 -65
36
32
28
24
20

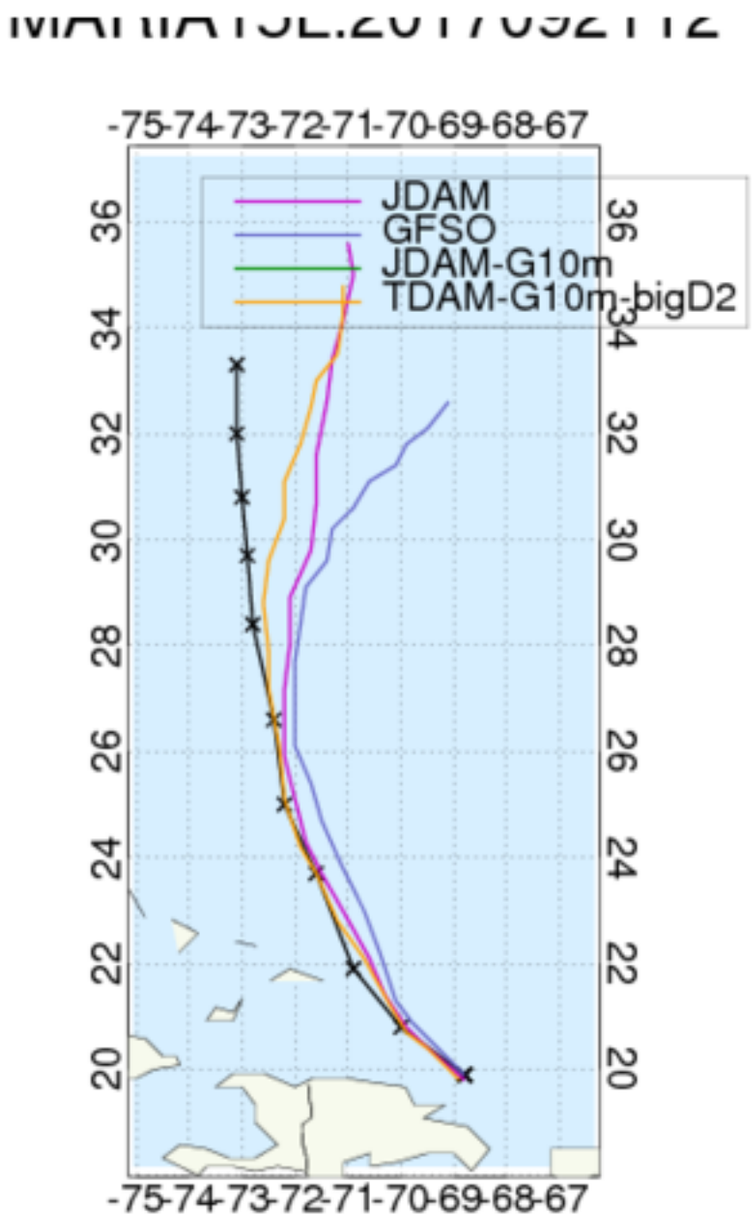

MARIA15L.2017092100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
140
120
100
80
60
40
0
20
40
60
80
100
120
140

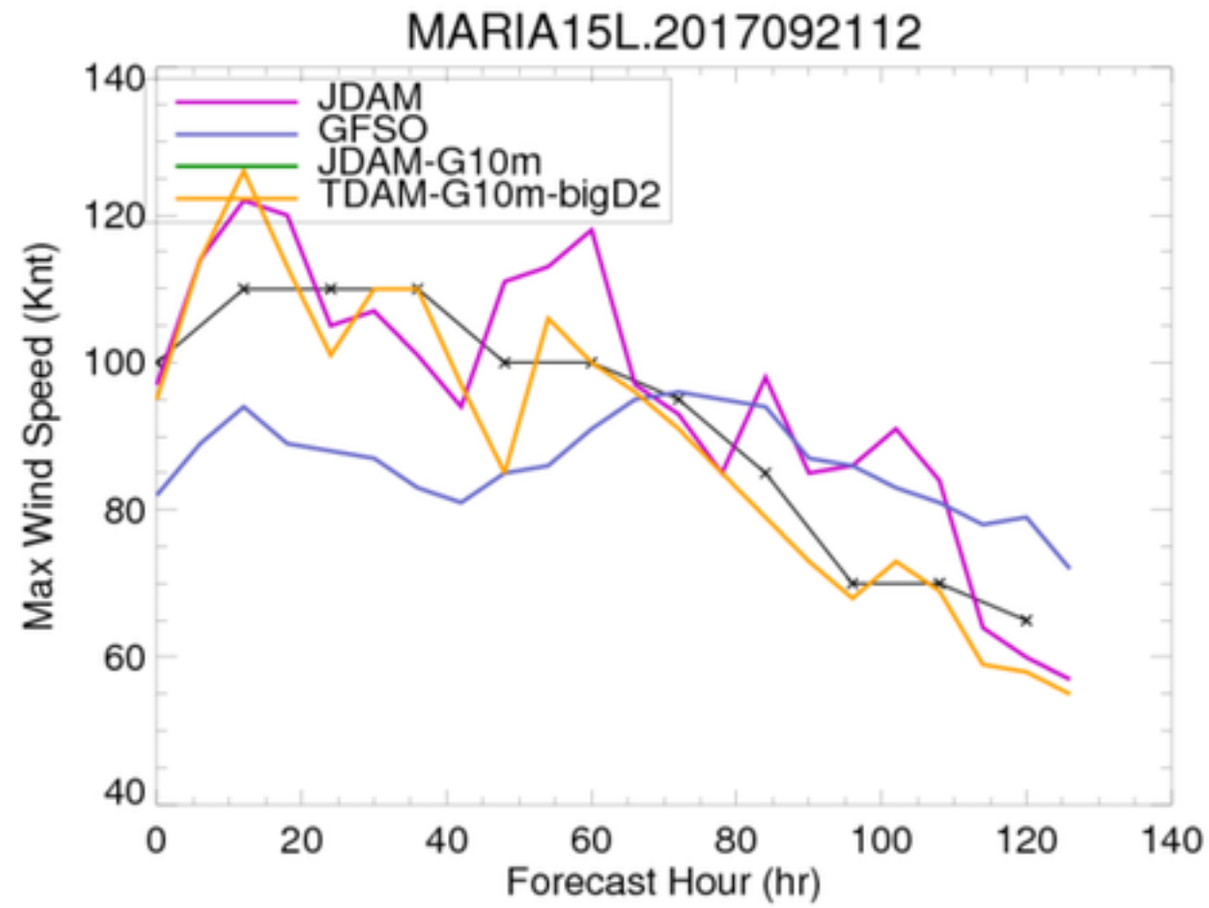

MARIA15L.2017092100
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
970
960
950
940
930
920
0
20
40
60
80
100
120
140

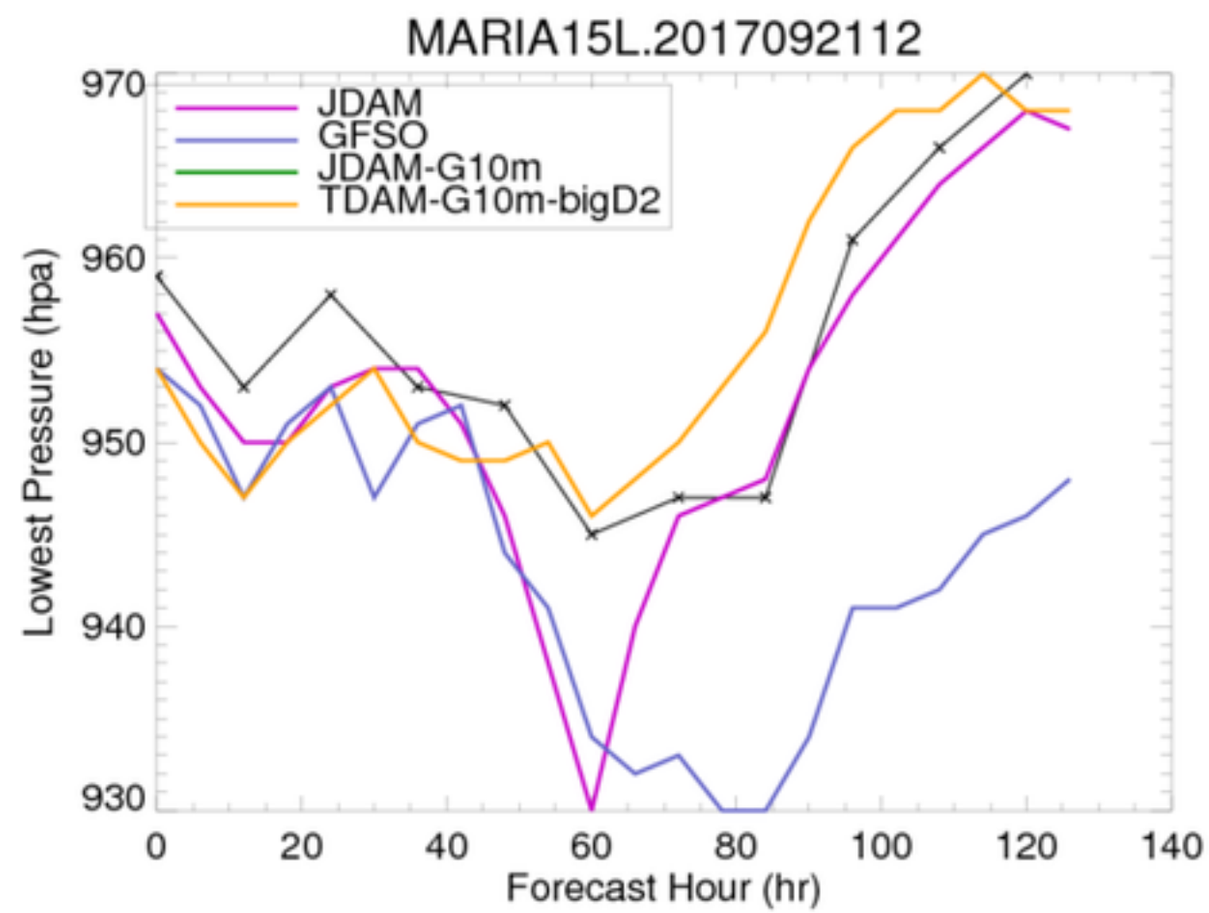

MARIA15L.2017092106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-74 -72 -70 -68 -66
36
32
28
24
20

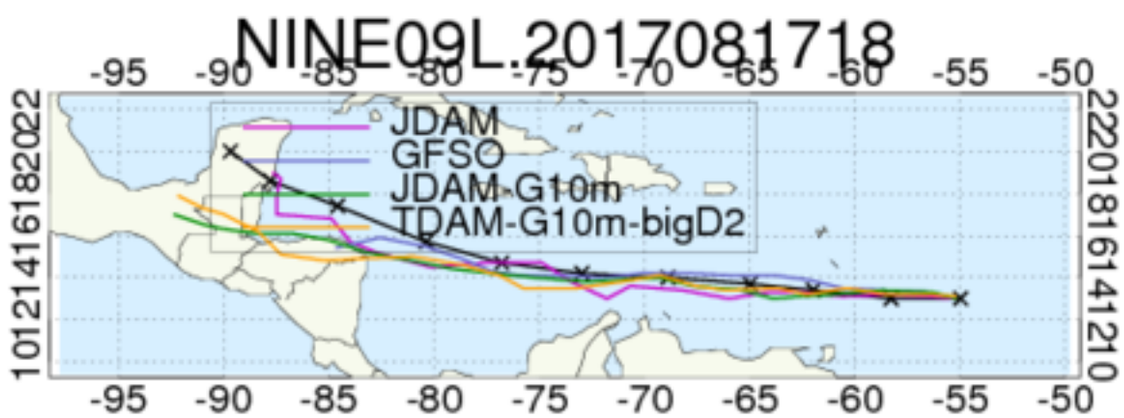

MARIA15L.2017092106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
Forecast Hour (hr)
40
60
80
100
120
140
0
20
40
60
80
100
120
140

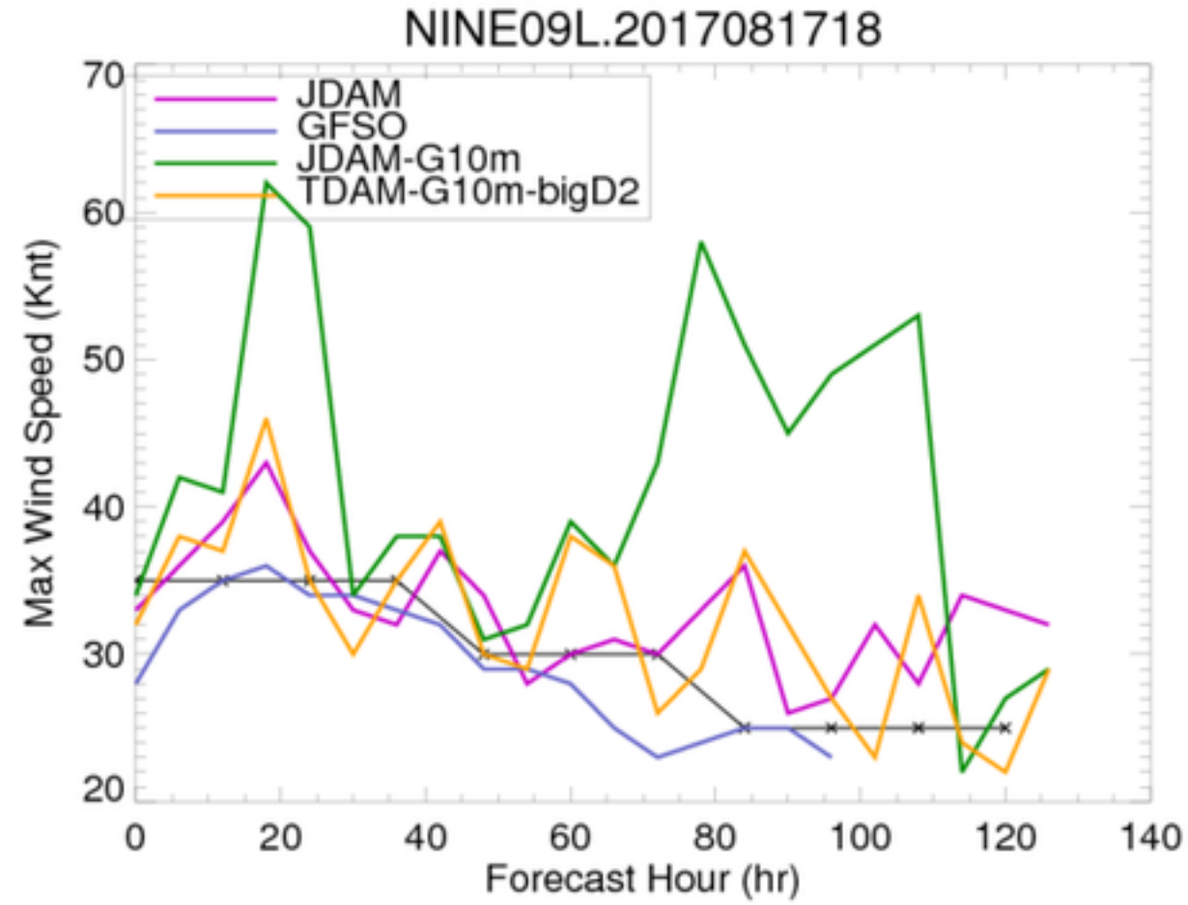

MARIA15L.2017092106
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
Forecast Hour (hr)
920
930
940
950
960
970
980
0
20
40
60
80
100
120
140

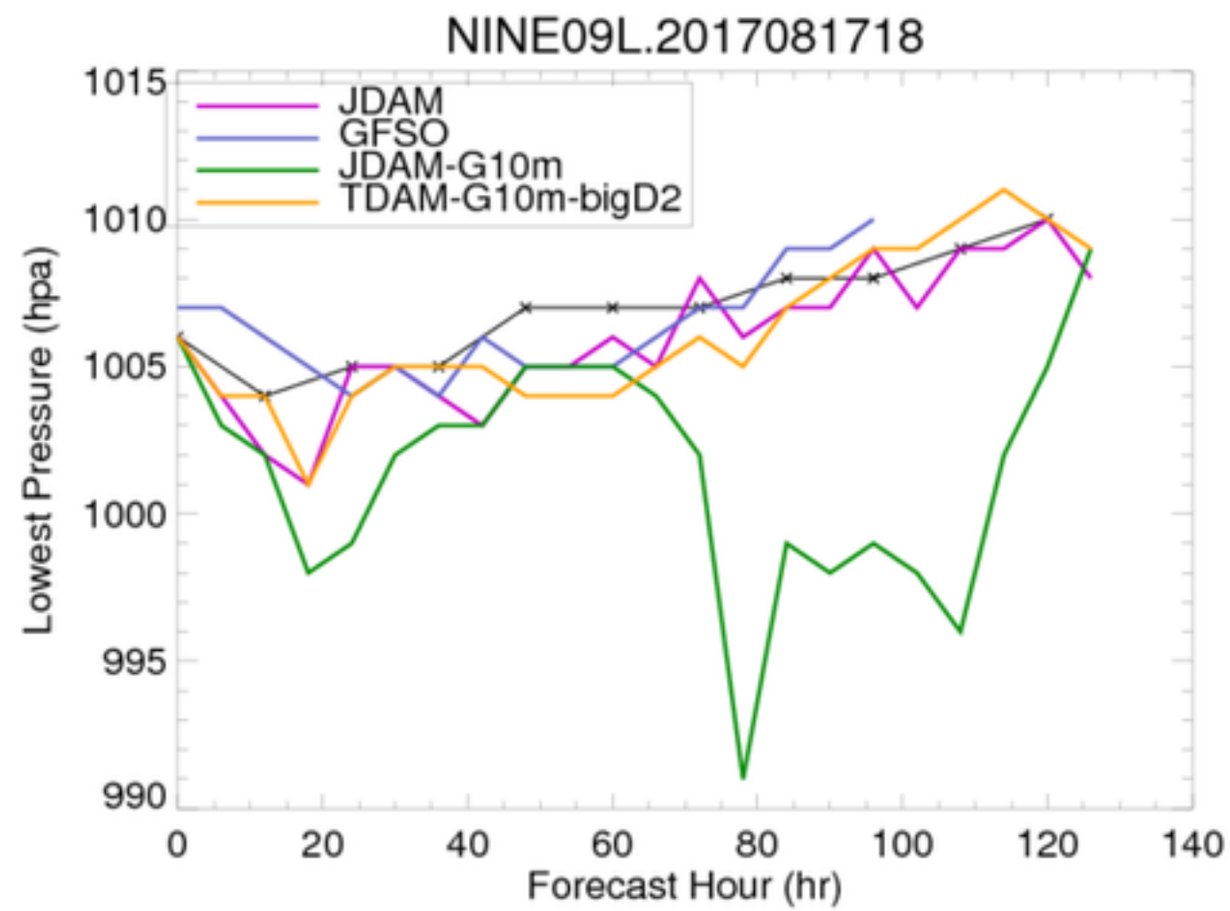

MARIA15L.2017092112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-75 -74 -73 -72 -71 -70 -69 -68 -67
20 22 24 26 28 30 32 34 36


MARIA15L.2017092112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
40 60 80 100 120 140
0 20 40 60 80 100 120 140
Forecast Hour (hr)


MARIA15L.2017092112
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
930 940 950 960 970
0 20 40 60 80 100 120 140
Forecast Hour (hr)


NINE09L.2017081718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
-95 -90 -85 -80 -75 -70 -65 -60 -55 -50
10 12 14 16 18 20 22
22 20 18 16 14 12 10


NINE09L.2017081718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Max Wind Speed (Knt)
20 30 40 50 60 70
0 20 40 60 80 100 120 140
Forecast Hour (hr)


NINE09L.2017081718
JDAM
GFSO
JDAM-G10m
TDAM-G10m-bigD2
Lowest Pressure (hpa)
990 995 1000 1005 1010 1015
0 20 40 60 80 100 120 140
Forecast Hour (hr)