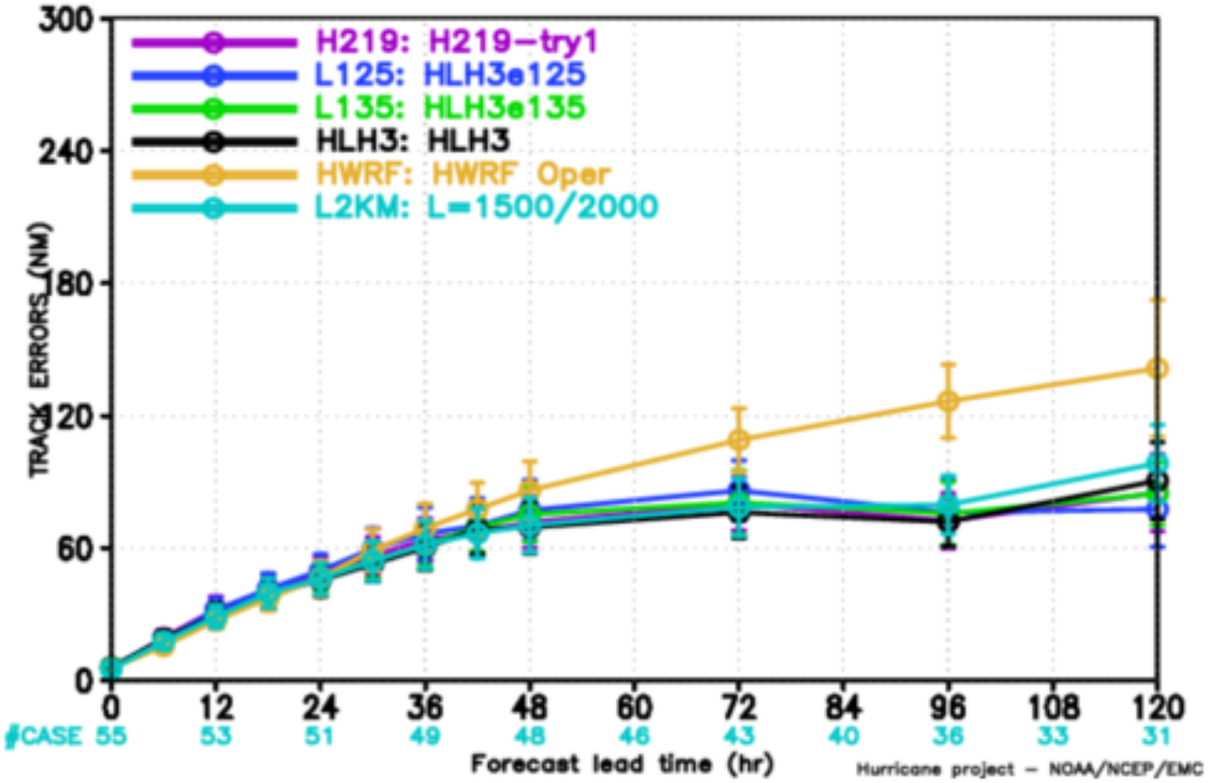
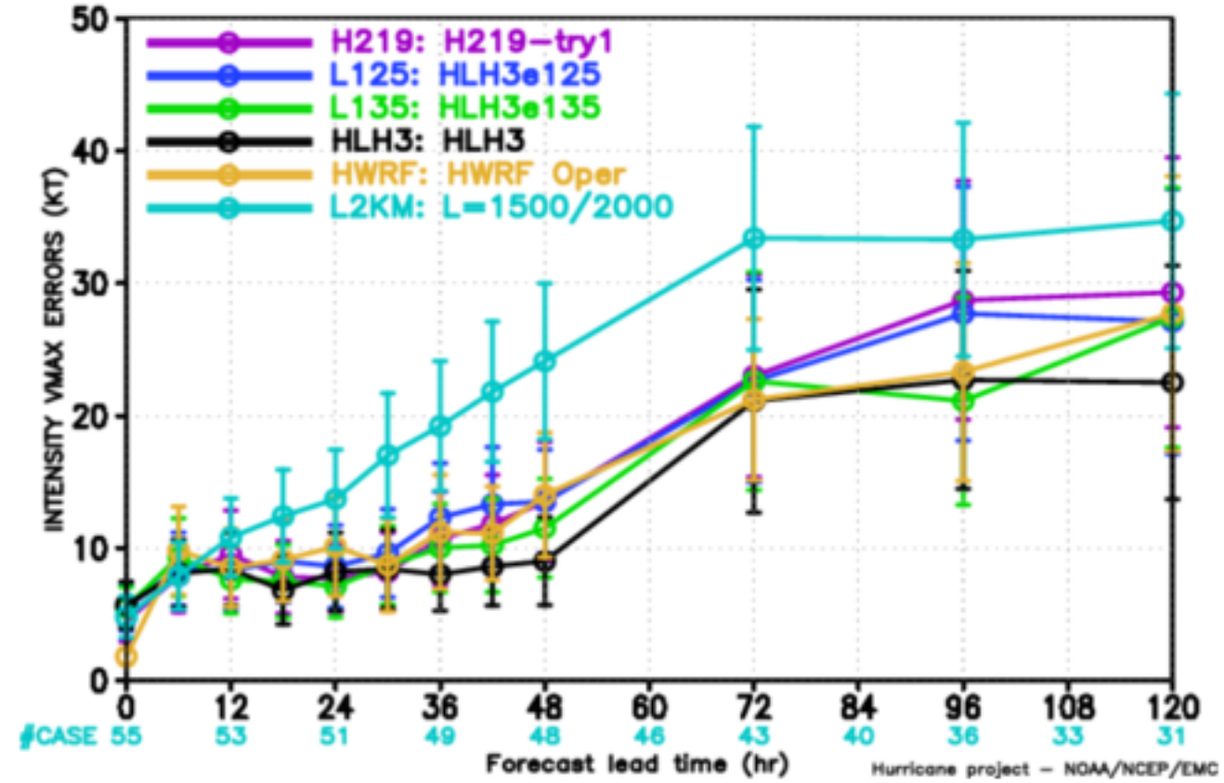
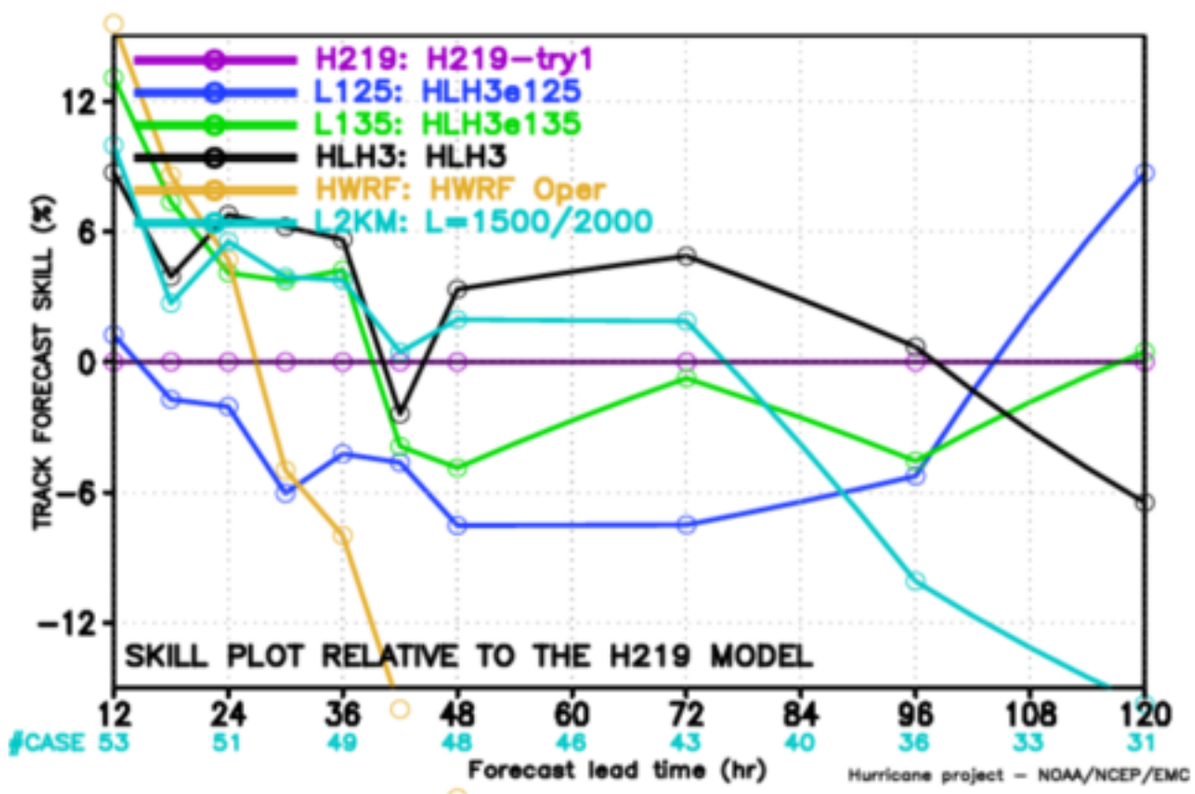
MODEL FORECAST – TRACK ERRORS (NM)
VERIFICATION FOR HWRF



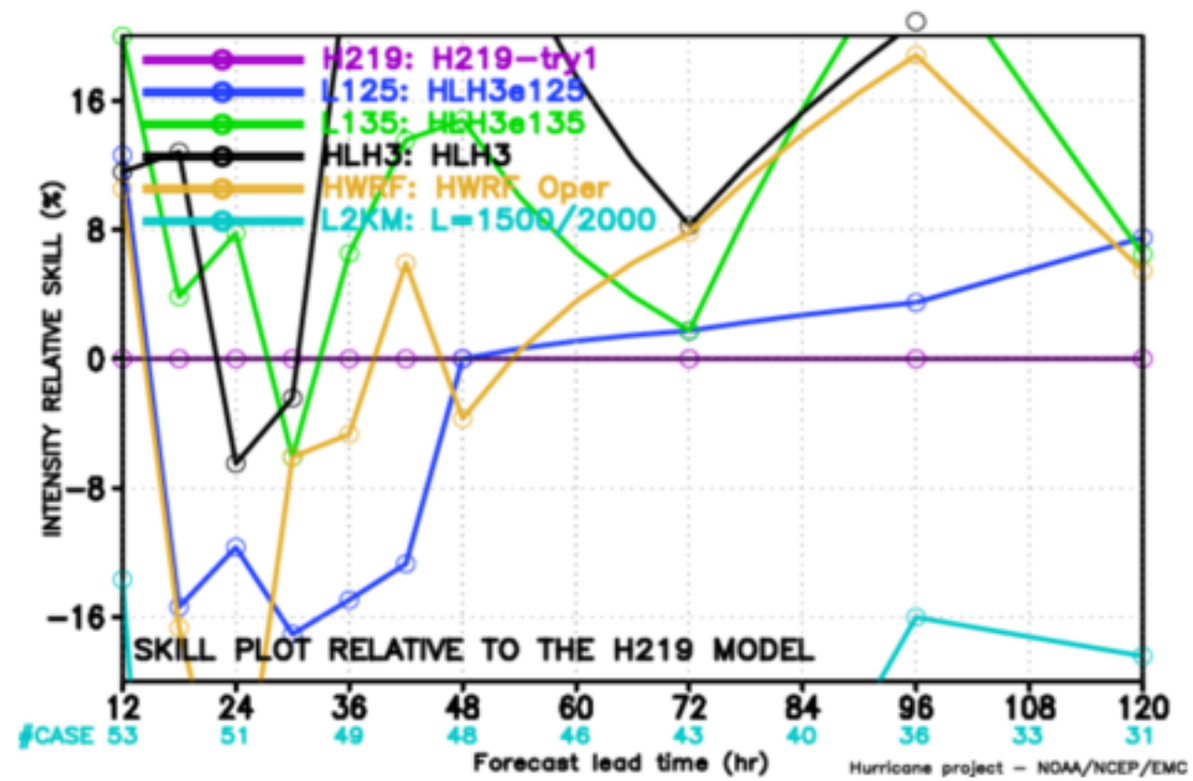
MODEL FORECAST – INTENSITY VMAX ERRORS (KT)
VERIFICATION FOR HWRF



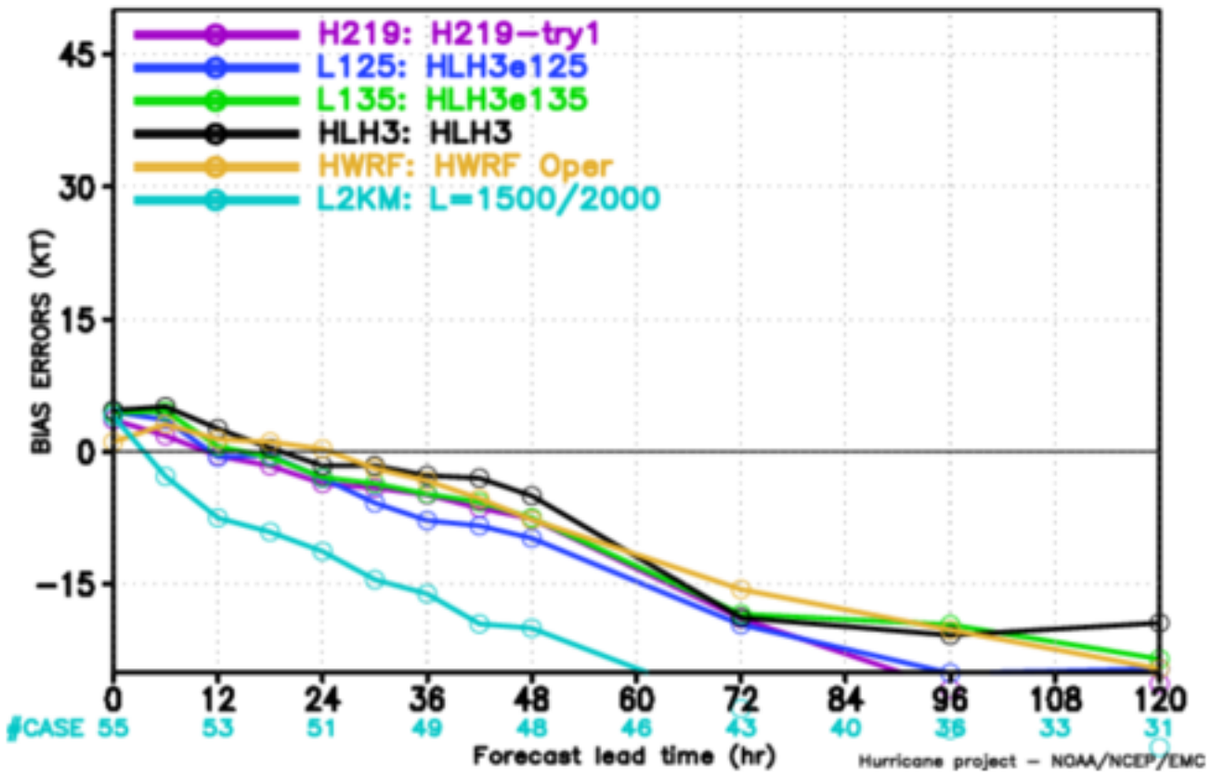
MODEL FORECAST – TRACK FORECAST SKILL (%) STATISTICS
VERIFICATION FOR HWRF



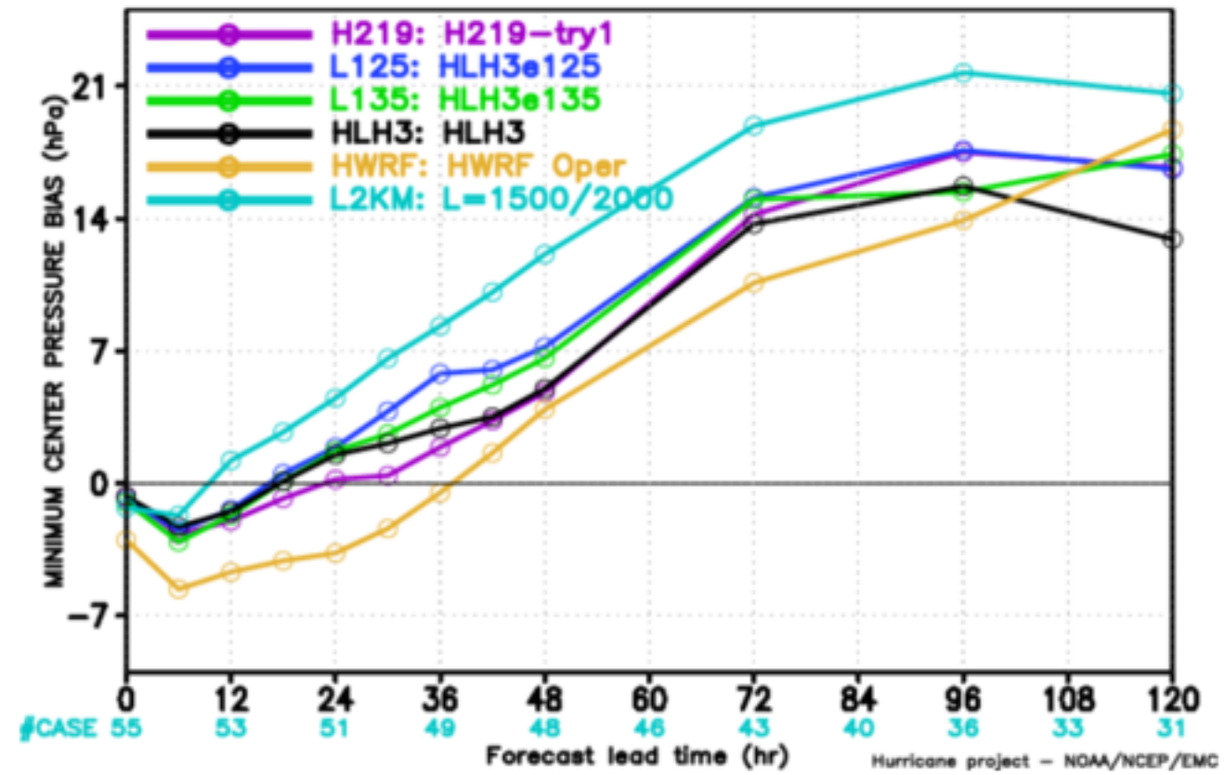
MODEL FORECAST – INTENSITY RELATIVE SKILL (%) STATISTICS
VERIFICATION FOR HWRF



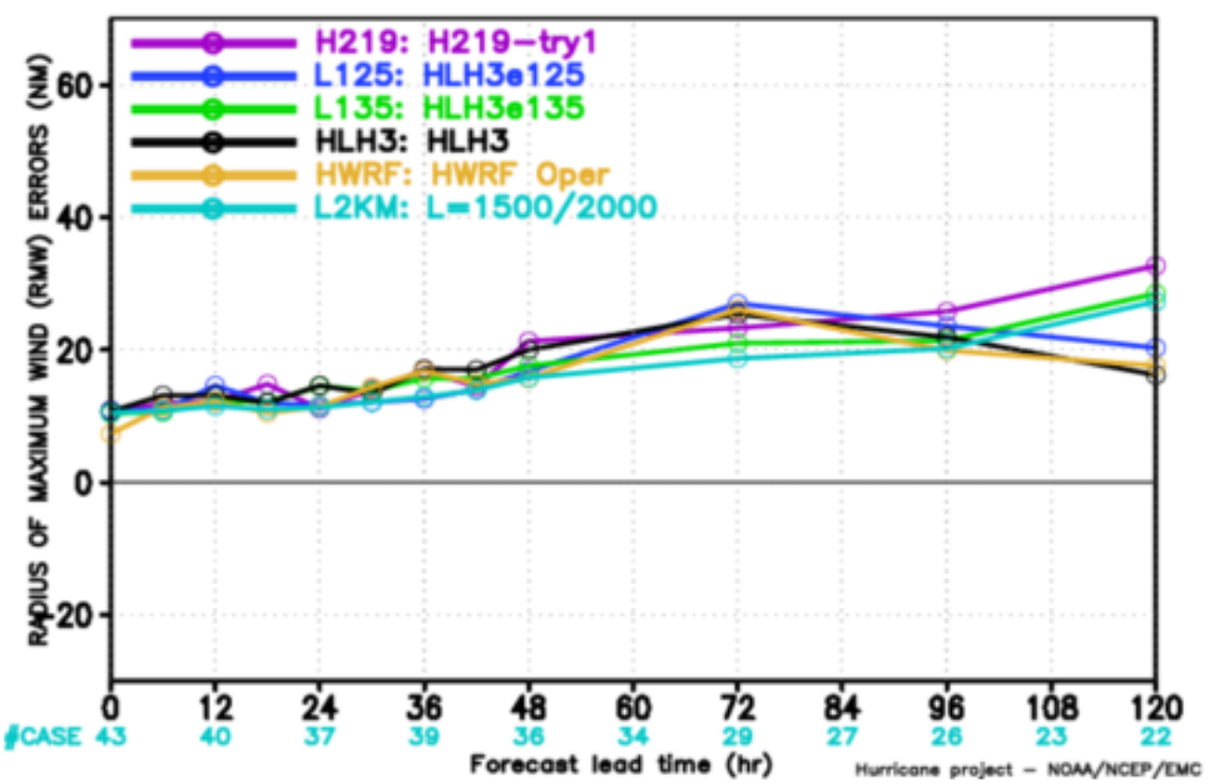
MODEL FORECAST – BIAS ERRORS (KT)
VERIFICATION FOR HWRF



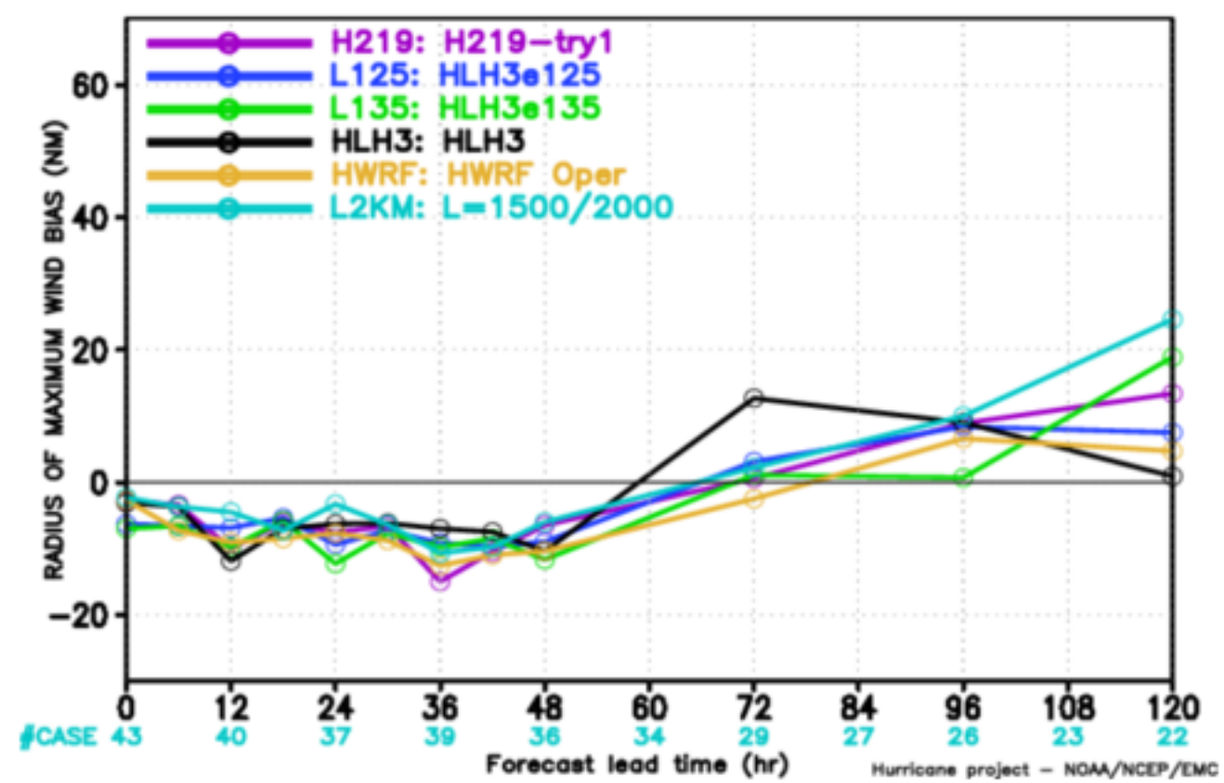
MODEL FORECAST – MINIMUM CENTER PRESSURE BIAS (hPa)
VERIFICATION FOR HWRF

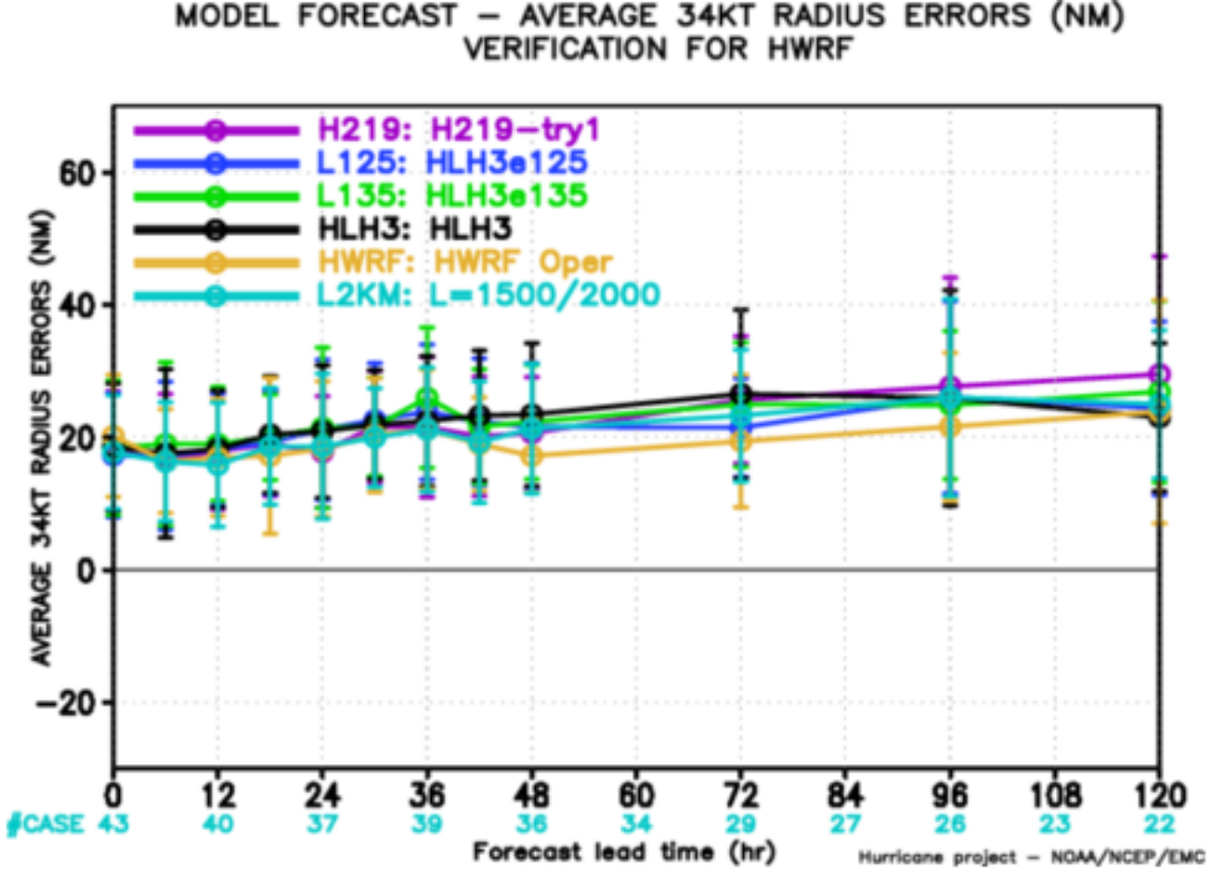


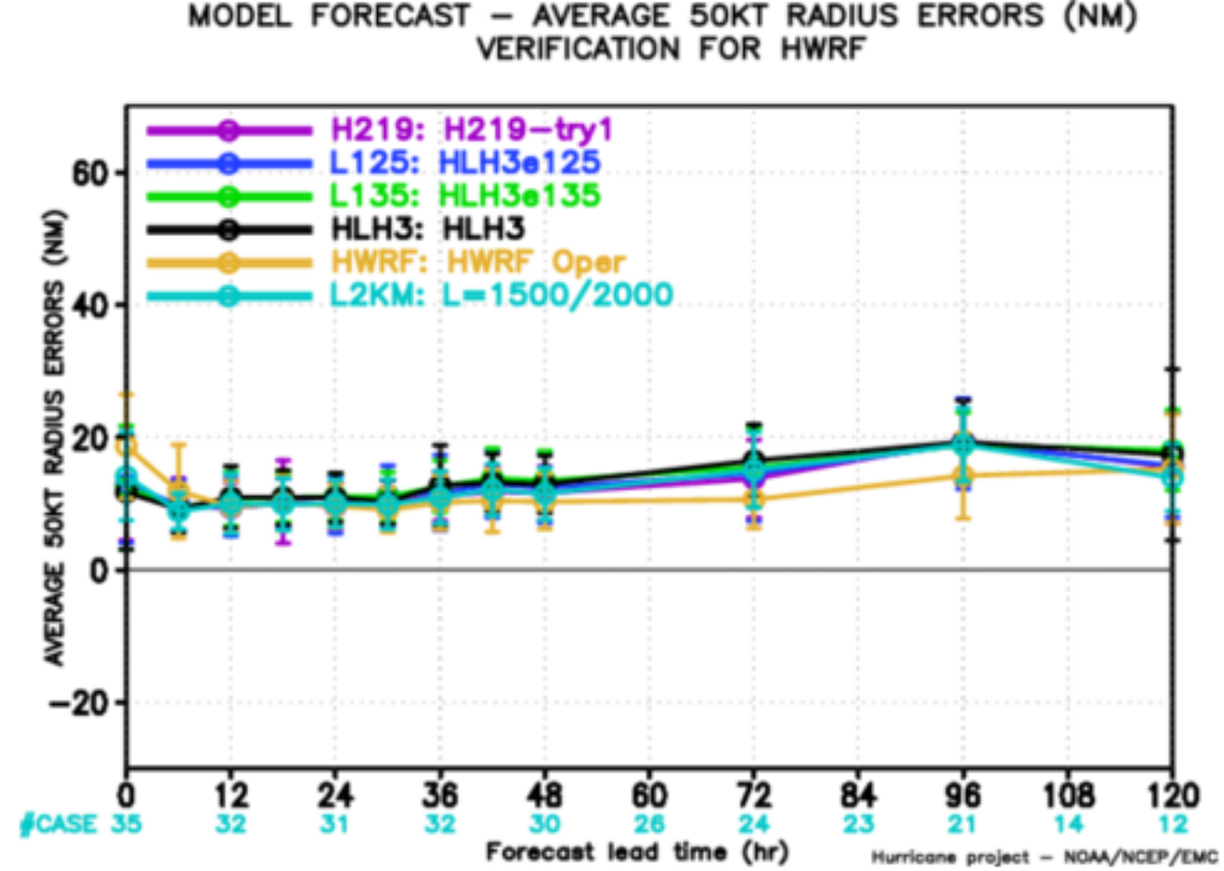
MODEL FORECAST – RADIUS OF MAXIMUM WIND (RMW) ERRORS (NM)
VERIFICATION FOR HWRF



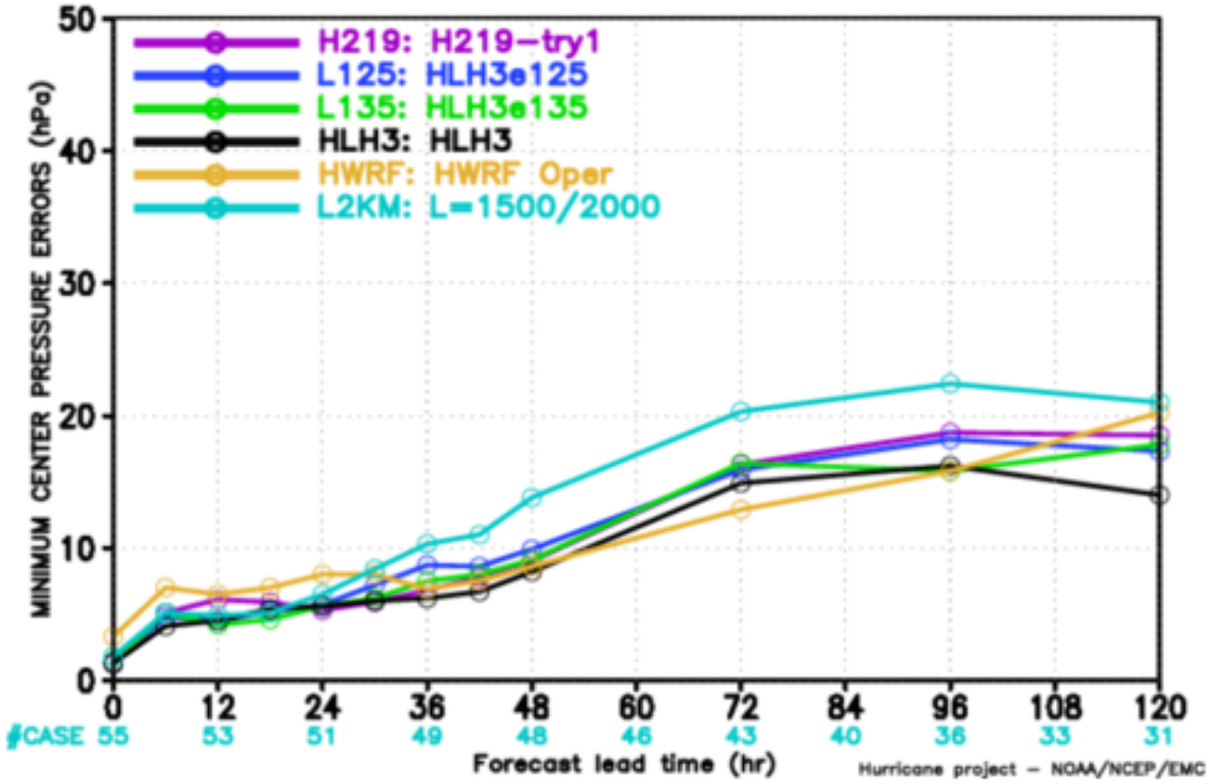
MODEL FORECAST – RADIUS OF MAXIMUM WIND BIAS (NM)
VERIFICATION FOR HWRF



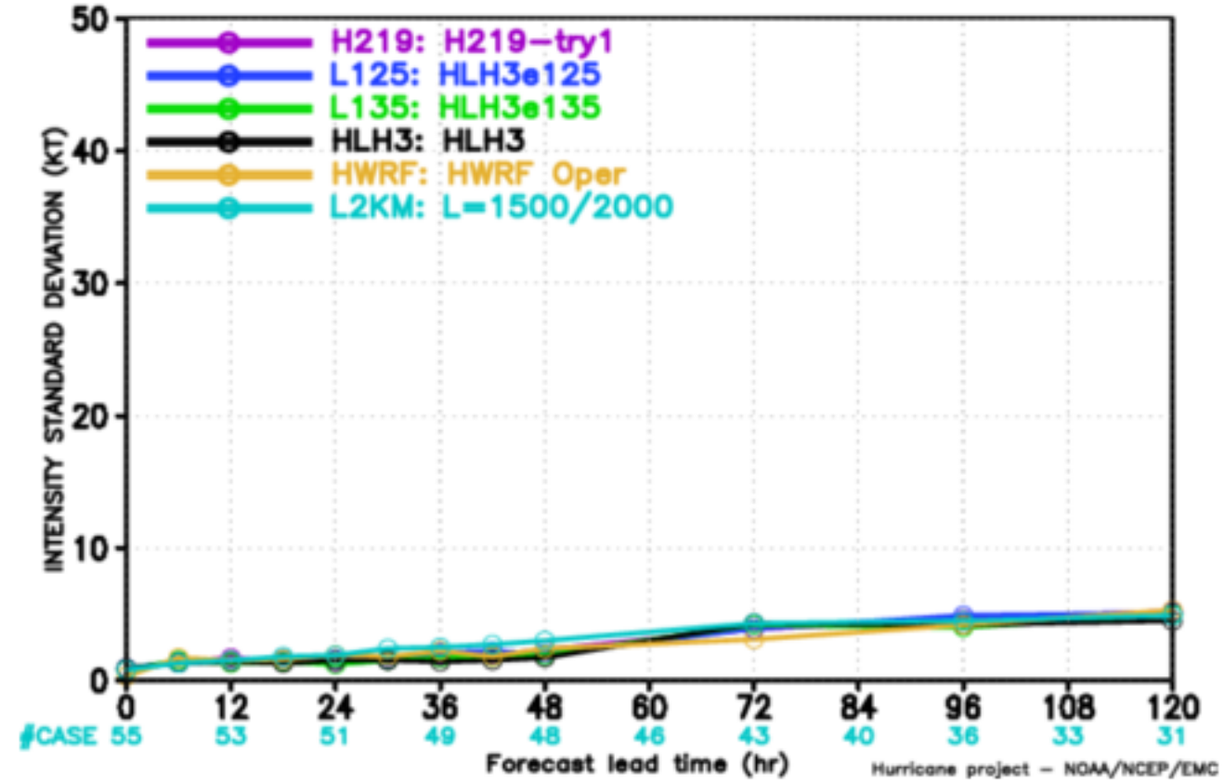

MODEL FORECAST – AVERAGE 34KT RADIUS ERRORS (NM)
VERIFICATION FOR HWRF
H219: H219-try1
L125: HLH3e125
L135: HLH3e135
HLH3: HLH3
HWRF: HWRF Oper
L2KM: L=1500/2000
AVERAGE 34KT RADIUS ERRORS (NM)
60
40
20
0
-20
0 12 24 36 48 60 72 84 96 108 120
#CASE 43 40 37 39 36 34 29 27 26 23 22
Forecast lead time (hr)
Hurricane project – NOAA/NCEP/EMC


MODEL FORECAST – AVERAGE 50KT RADIUS ERRORS (NM)
VERIFICATION FOR HWRF
H219: H219-try1
L125: HLH3e125
L135: HLH3e135
HLH3: HLH3
HWRF: HWRF Oper
L2KM: L=1500/2000
AVERAGE 50KT RADIUS ERRORS (NM)
60
40
20
0
-20
0 12 24 36 48 60 72 84 96 108 120
#CASE 35 32 31 32 30 26 24 23 21 14 12
Forecast lead time (hr)
Hurricane project – NOAA/NCEP/EMC

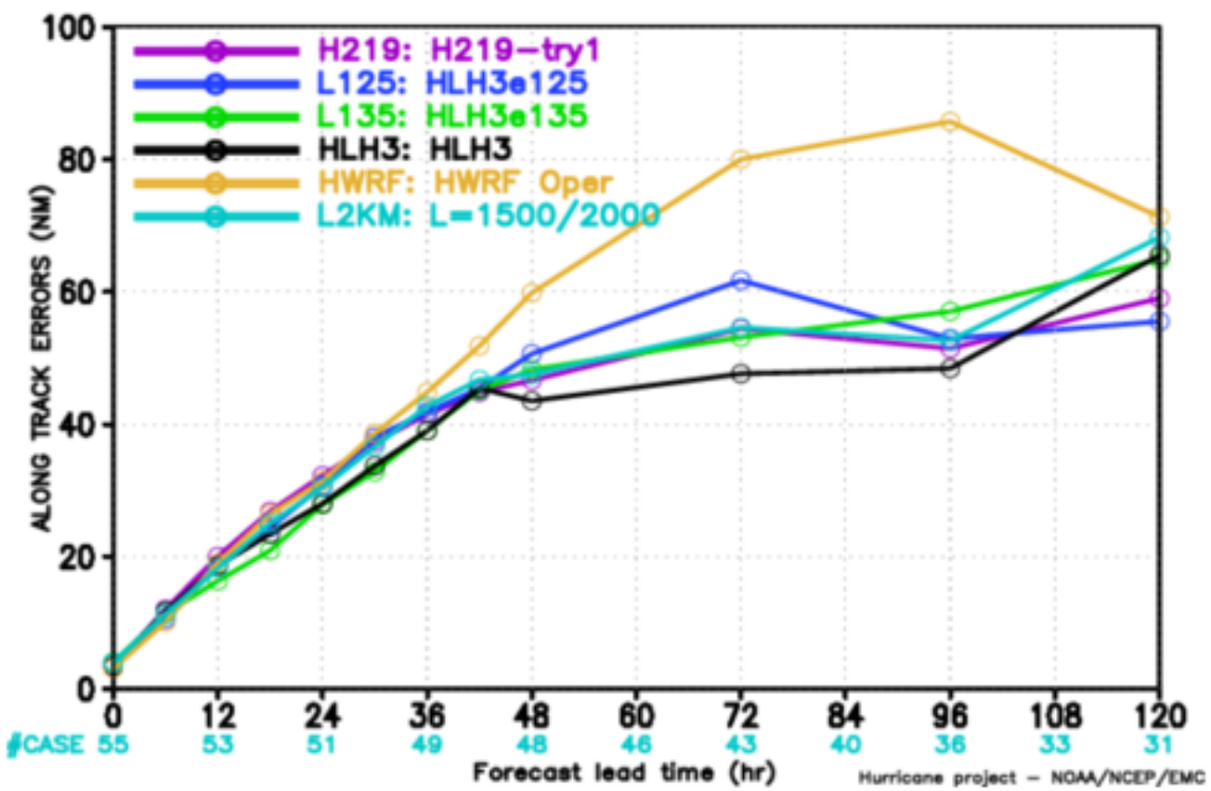
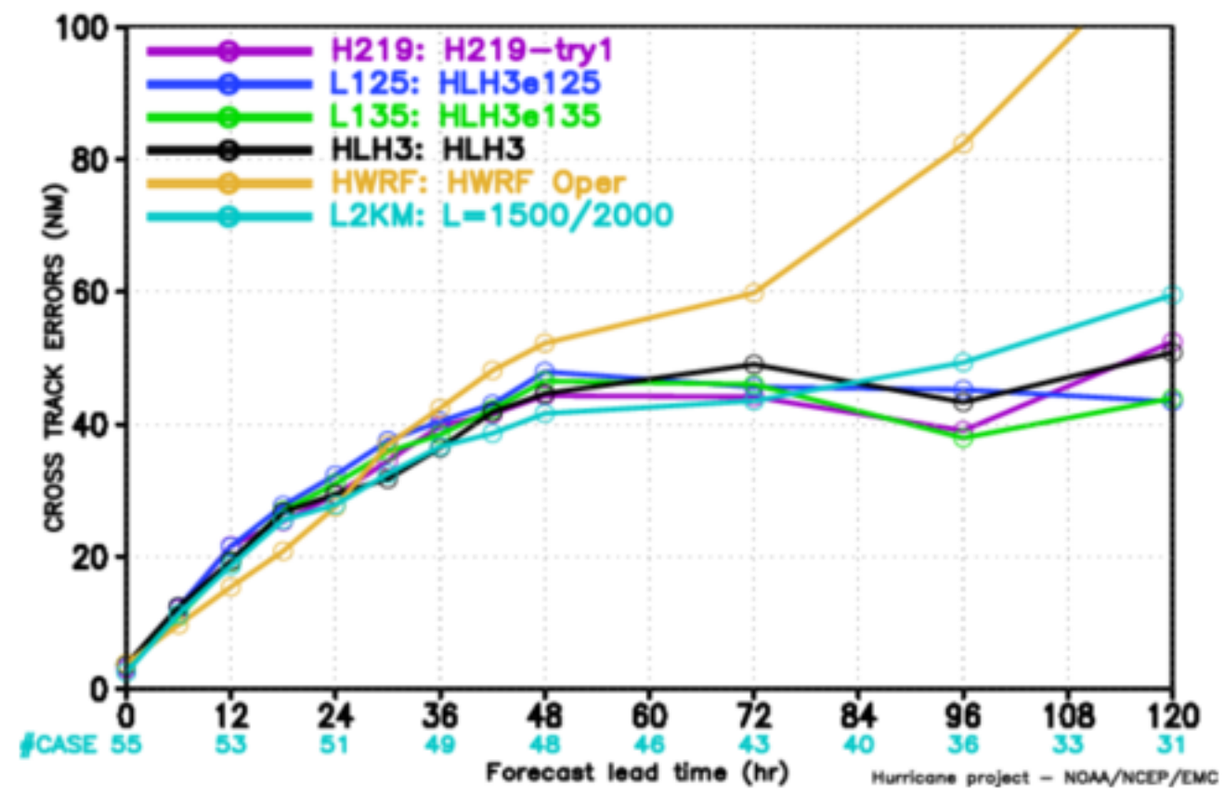
MODEL FORECAST – MINIMUM CENTER PRESSURE ERRORS (hPa)
VERIFICATION FOR HWRF



MODEL FORECAST – INTENSITY STANDARD DEVIATION (KT)
VERIFICATION FOR HWRF



MODEL FORECAST – ALONG TRACK ERRORS (NM)
VERIFICATION FOR HWRF



MODEL FORECAST – CROSS TRACK ERRORS (NM)
VERIFICATION FOR HWRF