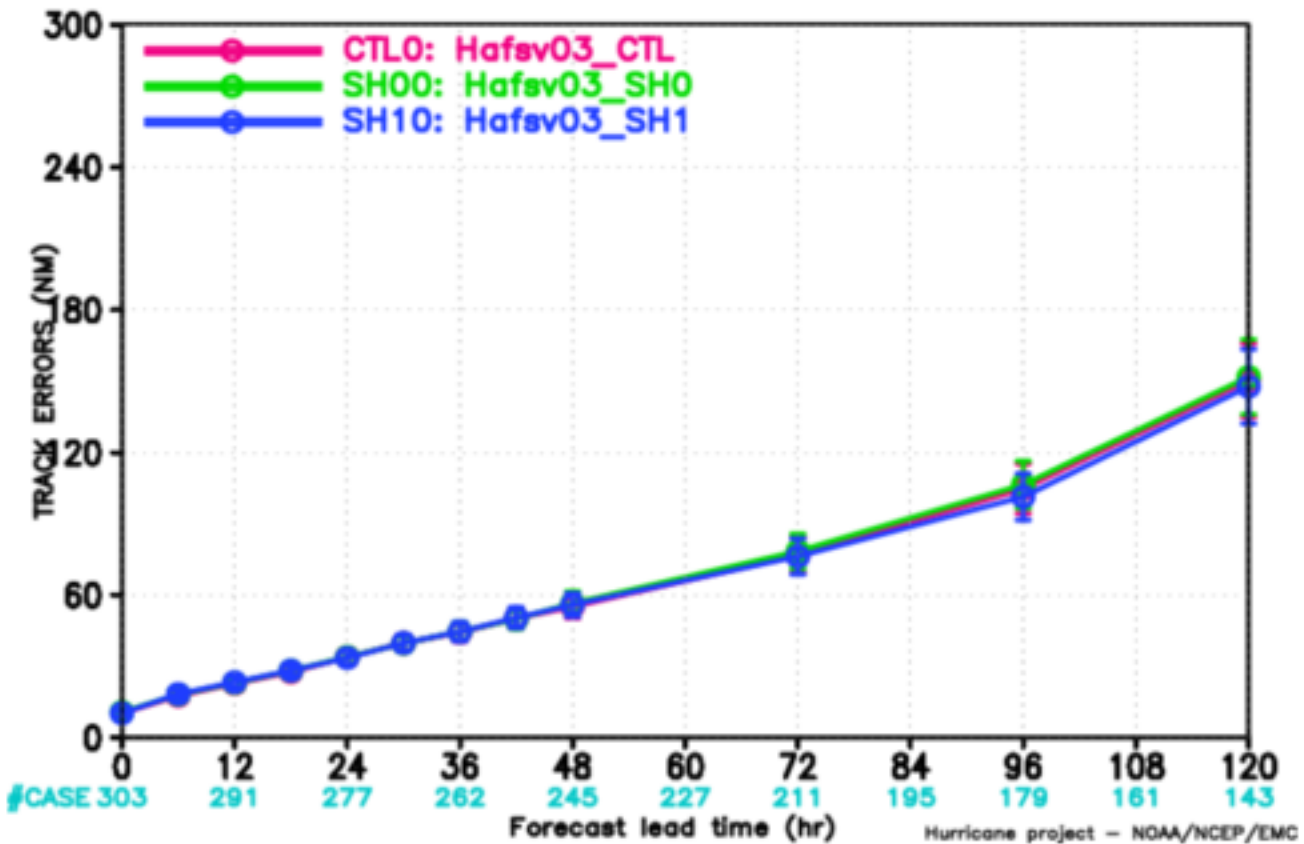
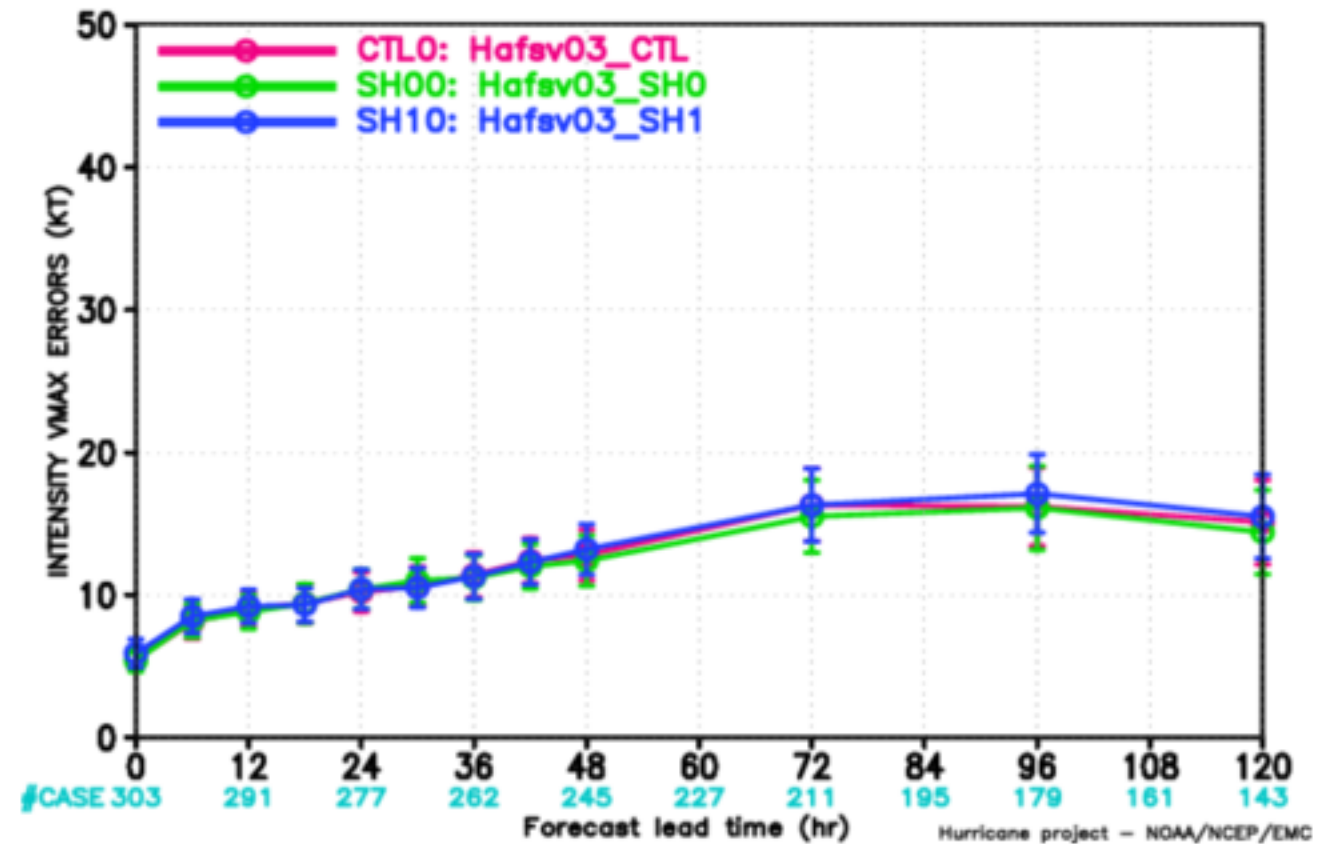


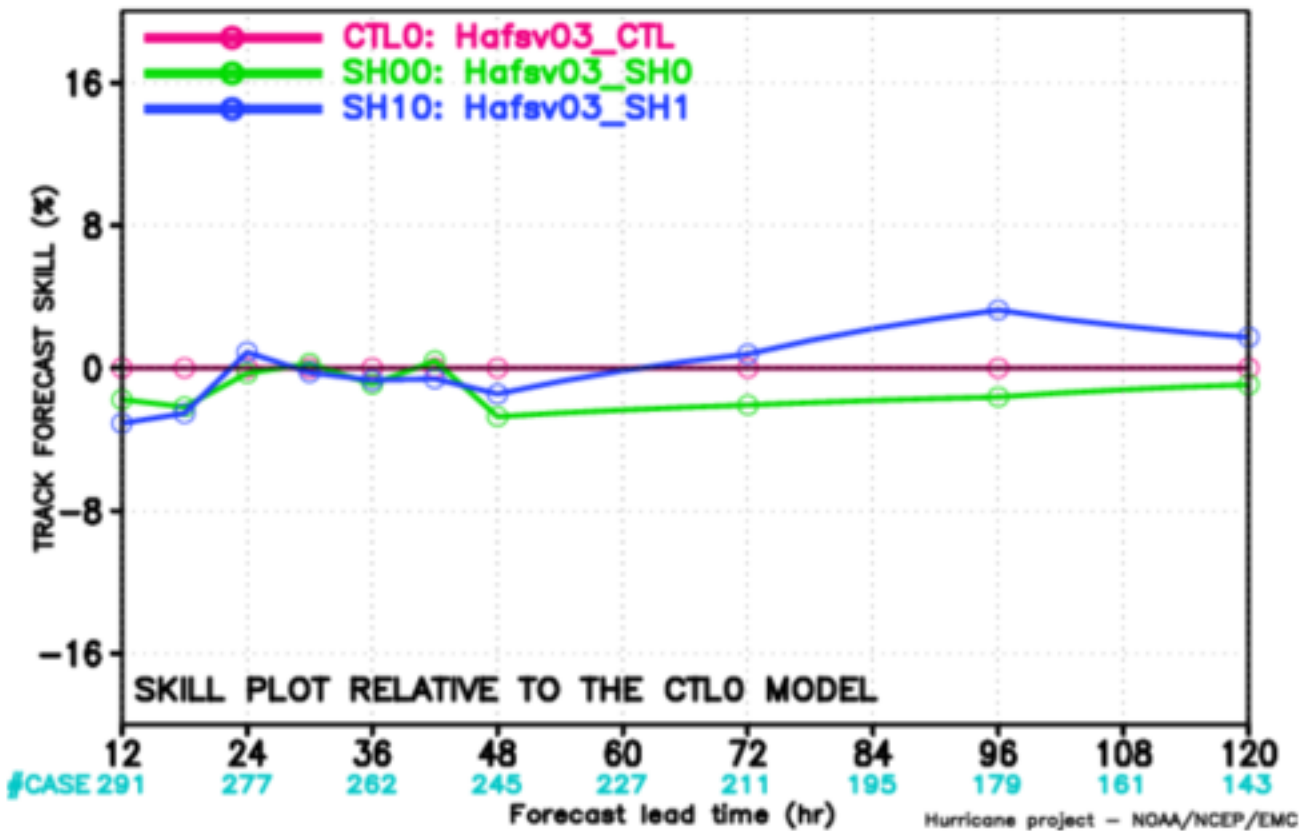
MODEL FORECAST – TRACK ERRORS (NM)  
VERIFICATION FOR HAFS



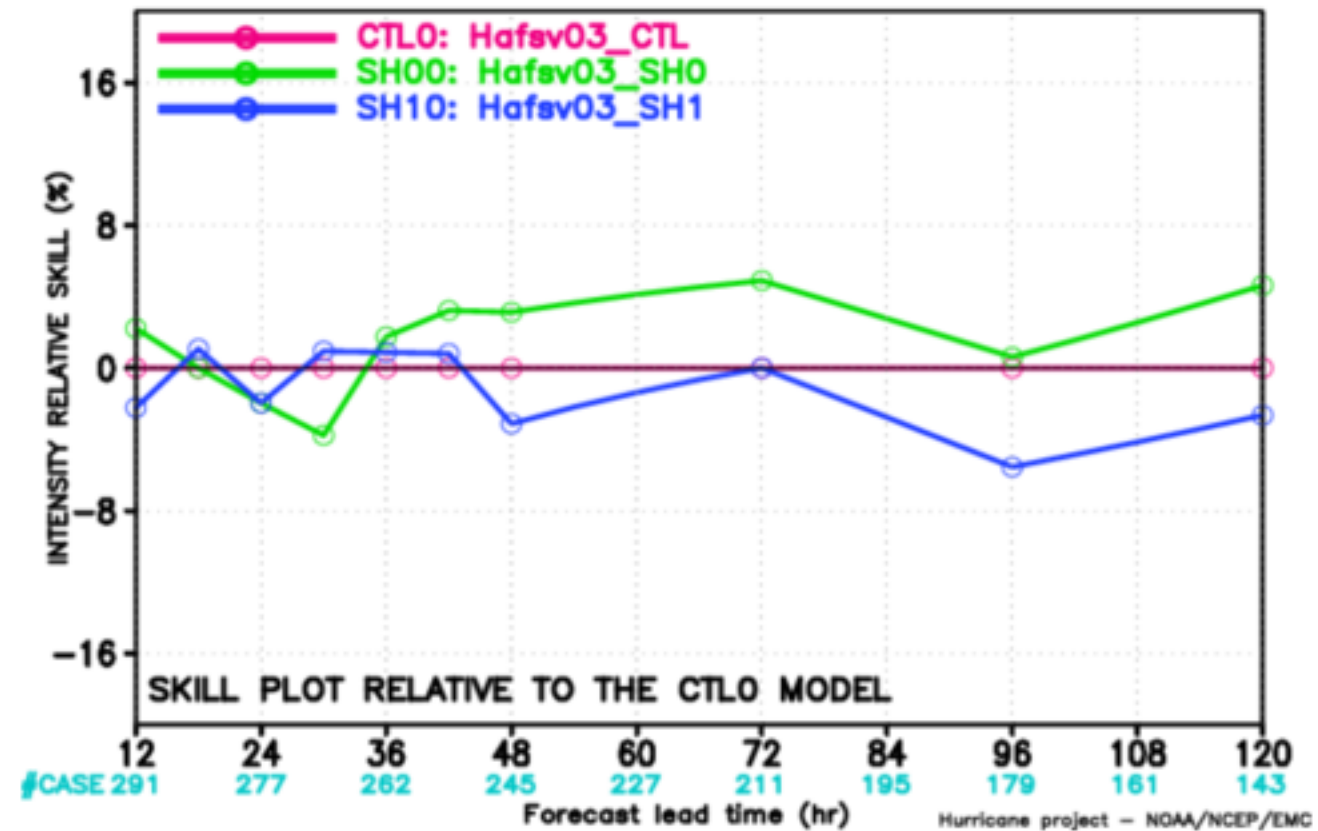
MODEL FORECAST – INTENSITY VMAX ERRORS (KT)  
VERIFICATION FOR HAFS



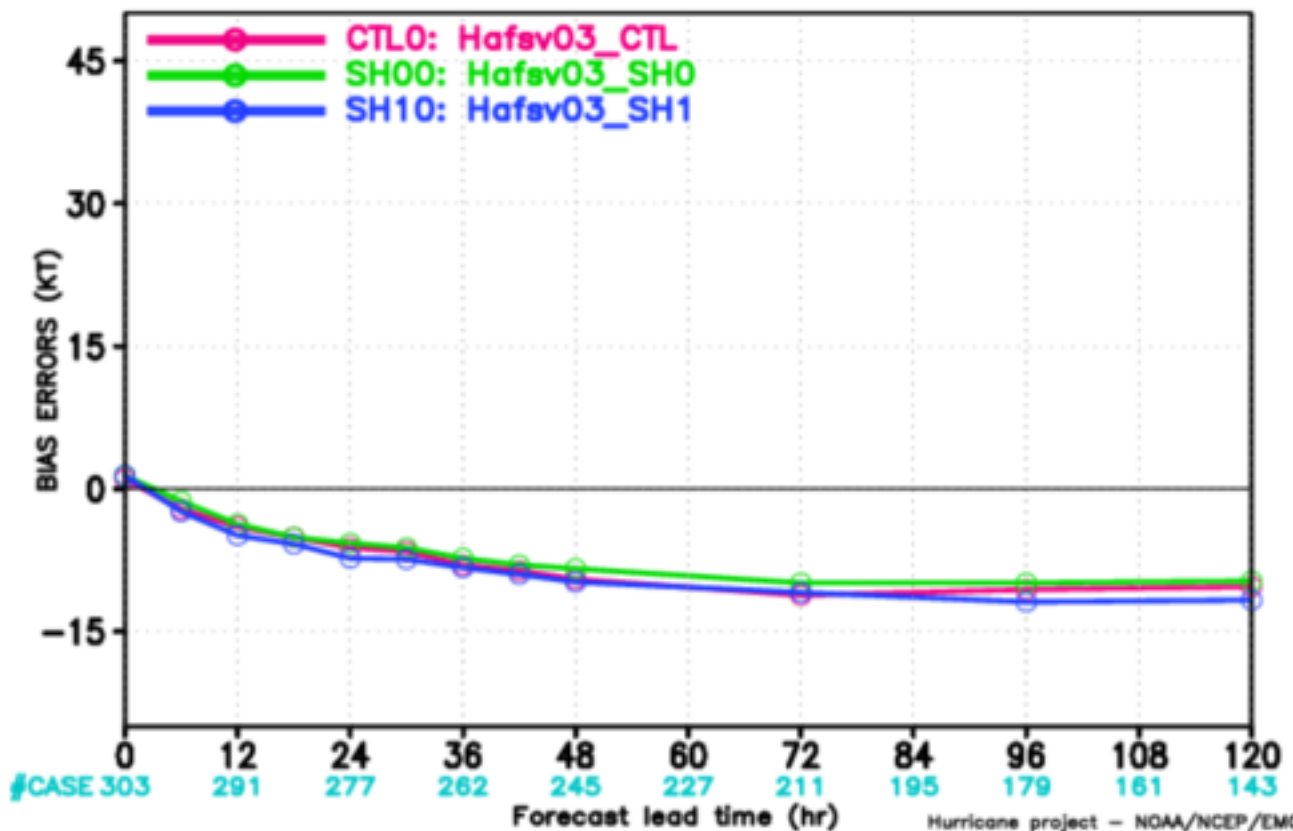
MODEL FORECAST – TRACK FORECAST SKILL (%) STATISTICS  
VERIFICATION FOR HAFS



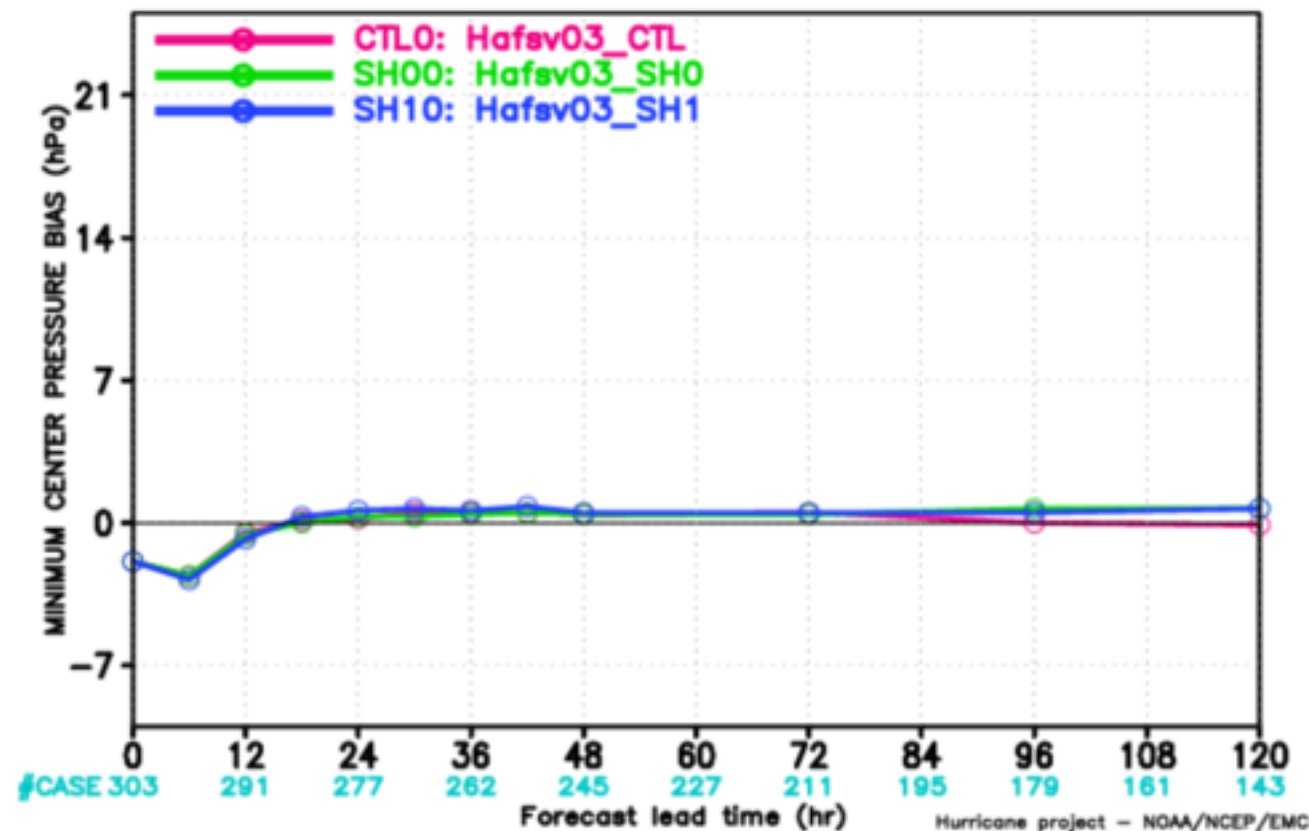
MODEL FORECAST – INTENSITY RELATIVE SKILL (%) STATISTICS  
VERIFICATION FOR HAFS



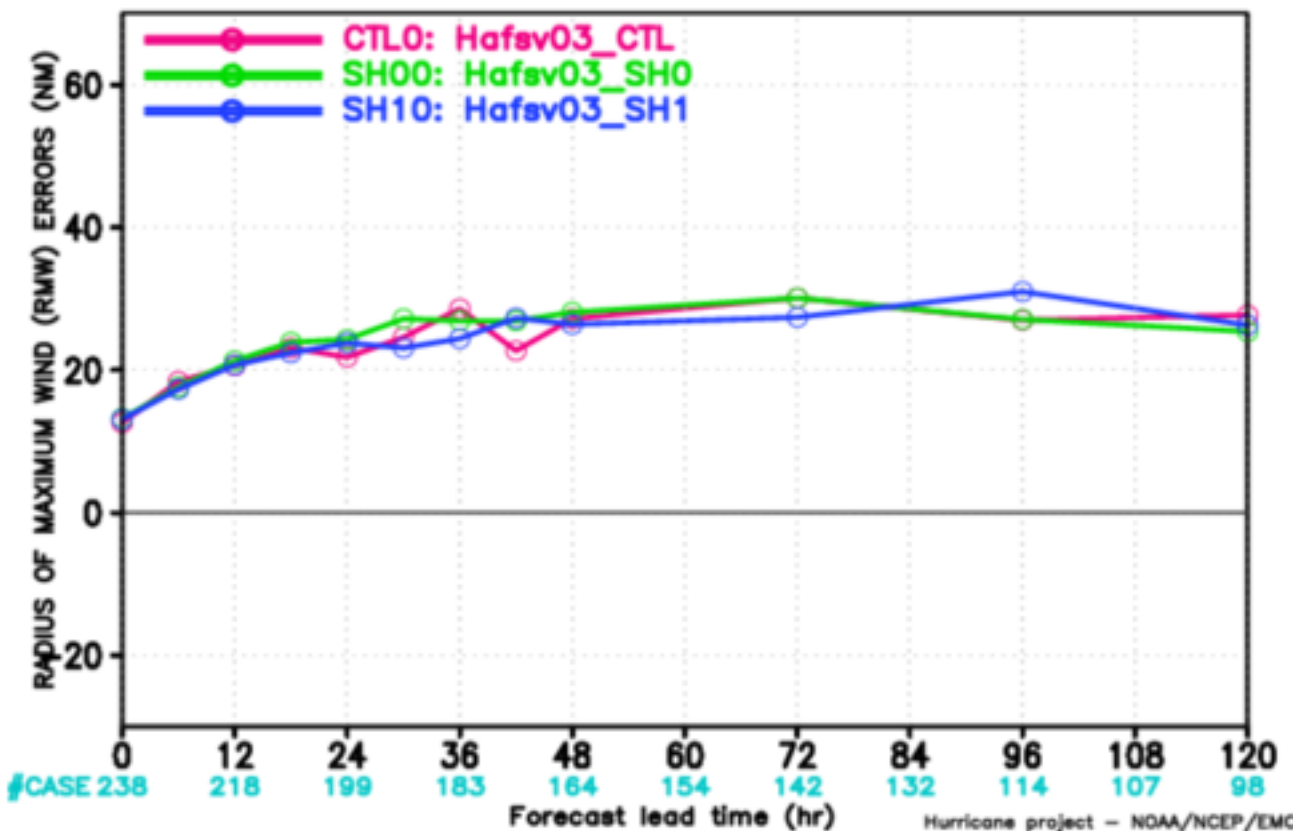
MODEL FORECAST – BIAS ERRORS (KT)  
VERIFICATION FOR HAFS



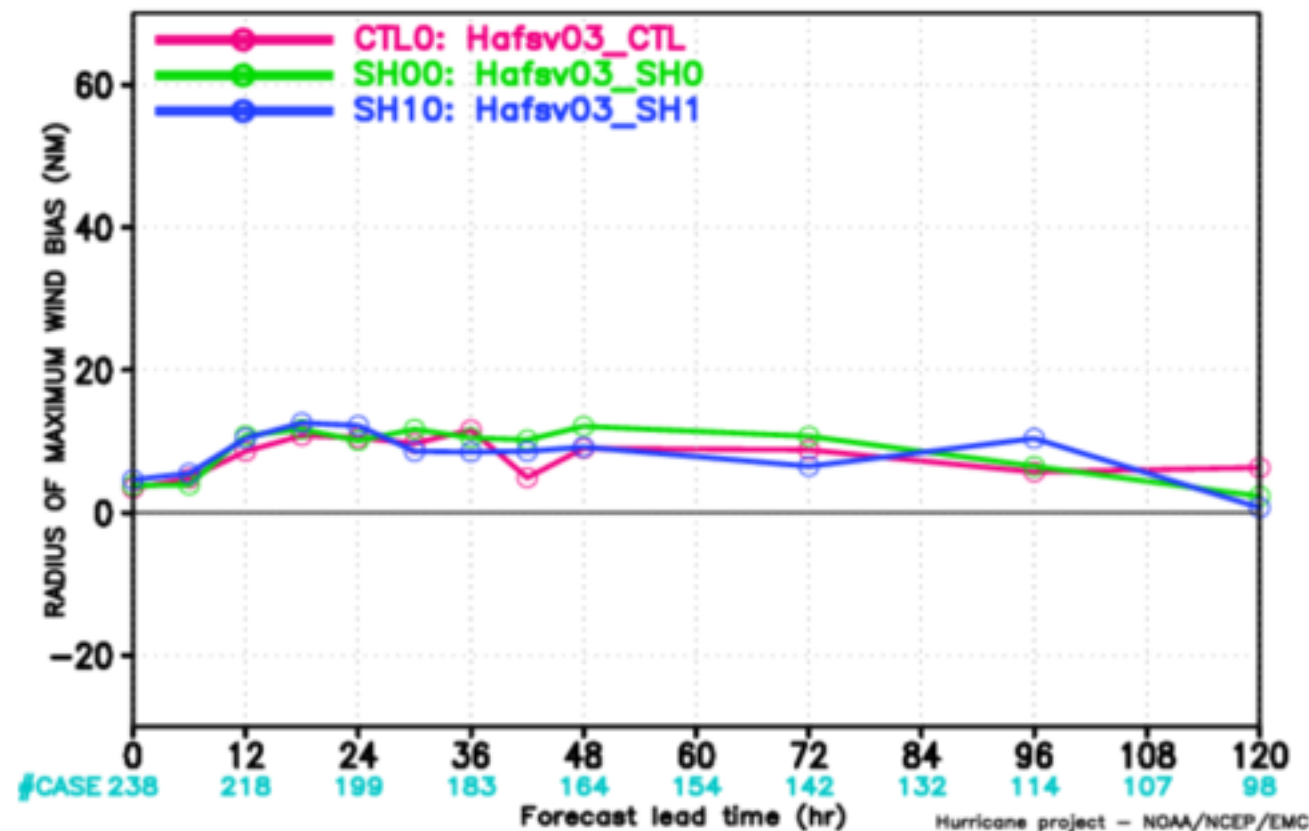
MODEL FORECAST – MINIMUM CENTER PRESSURE BIAS (hPa)  
VERIFICATION FOR HAFS



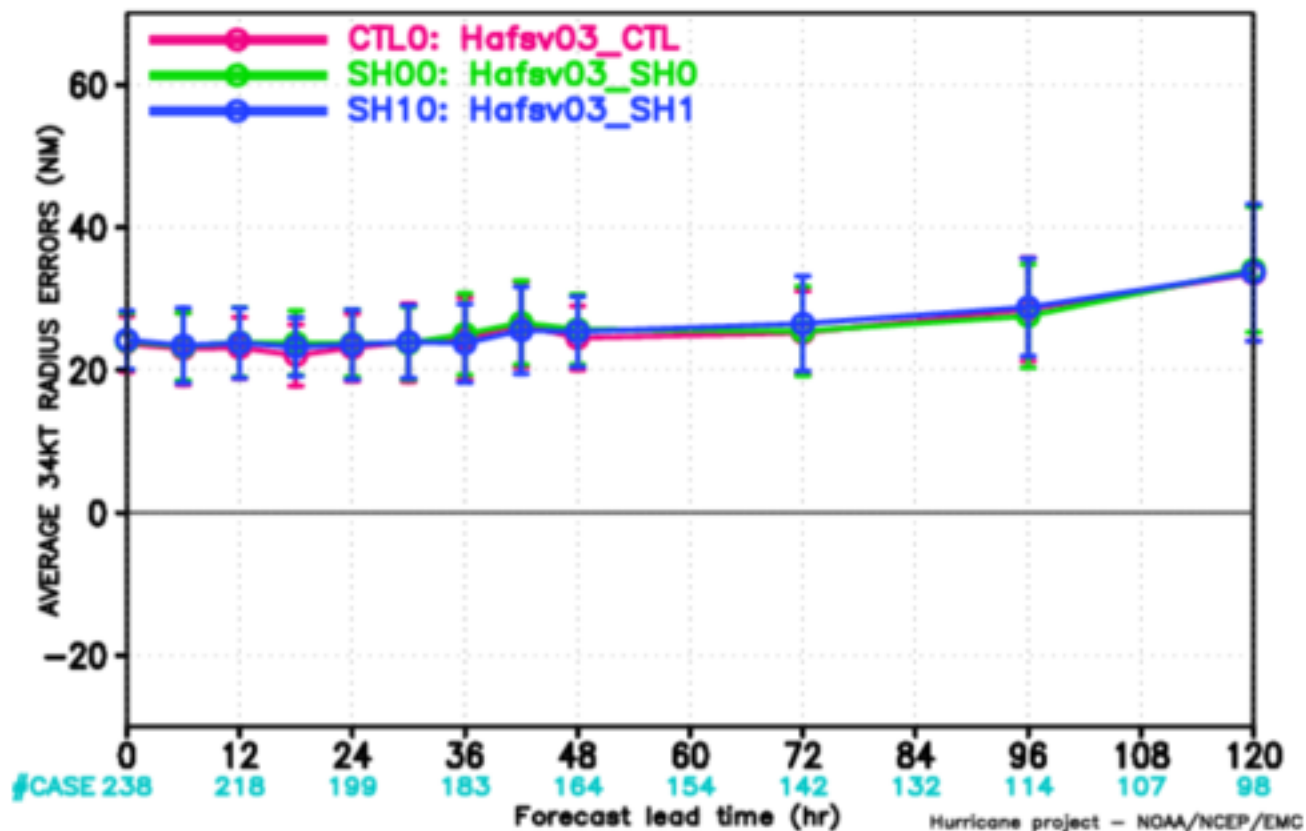
MODEL FORECAST – RADIUS OF MAXIMUM WIND (RMW) ERRORS (NM)  
VERIFICATION FOR HAFS



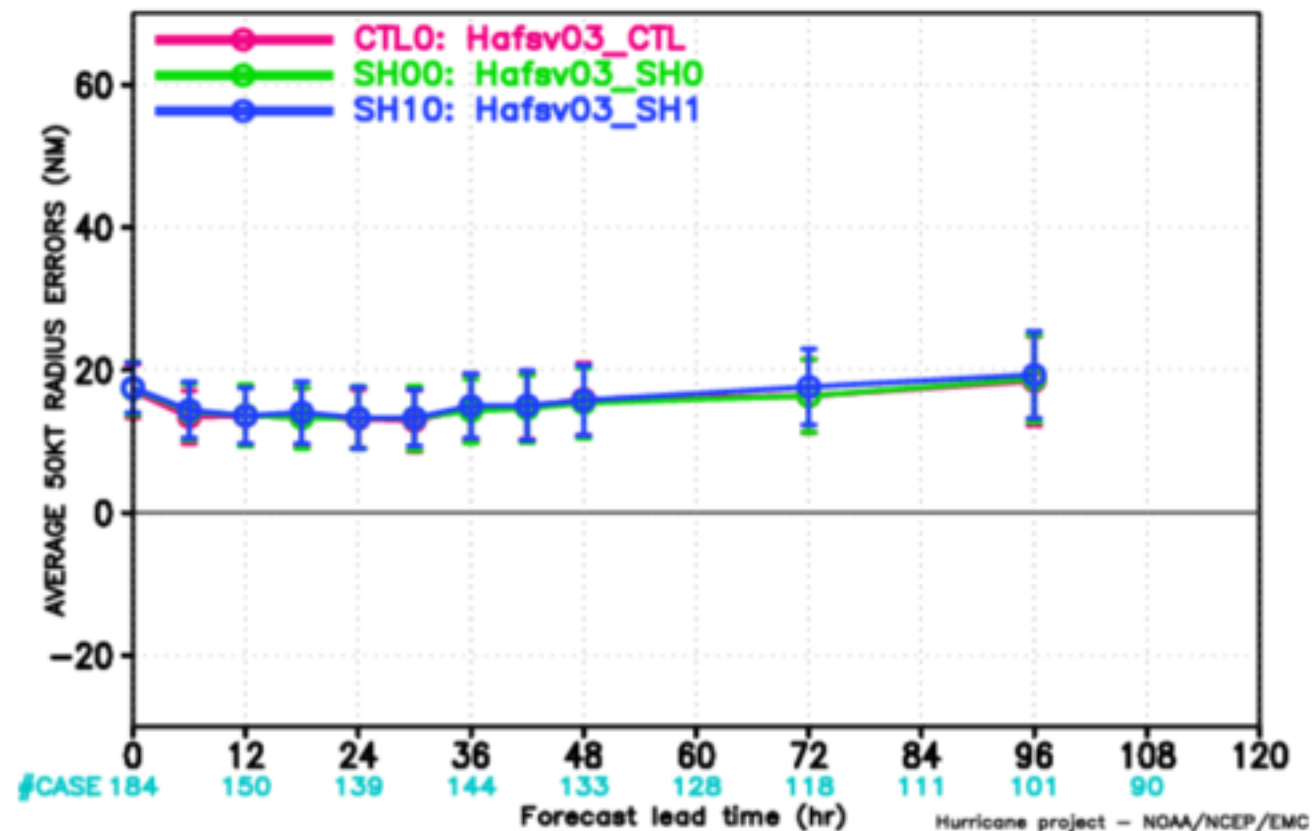
MODEL FORECAST – RADIUS OF MAXIMUM WIND BIAS (NM)  
VERIFICATION FOR HAFS



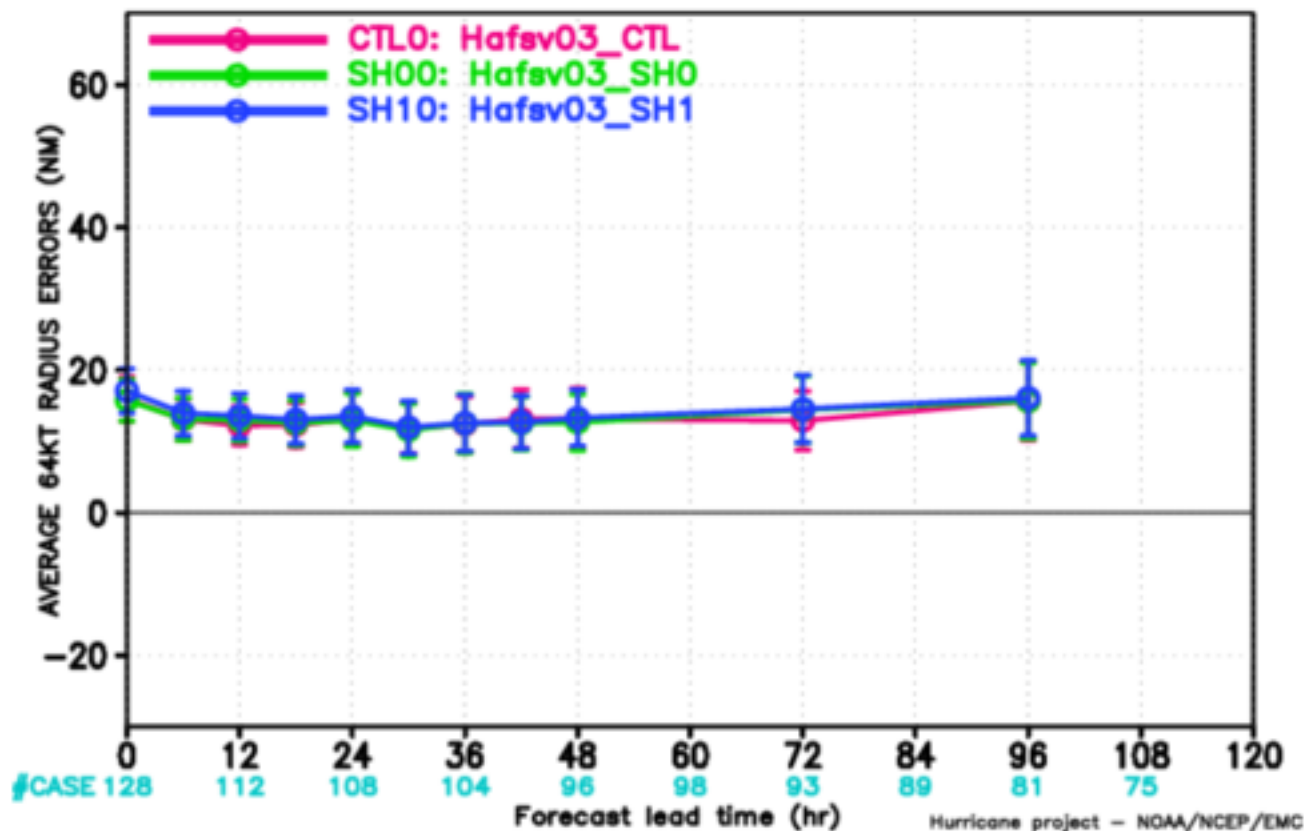
MODEL FORECAST – AVERAGE 34KT RADIUS ERRORS (NM)  
VERIFICATION FOR HAFS



MODEL FORECAST – AVERAGE 50KT RADIUS ERRORS (NM)  
VERIFICATION FOR HAFS

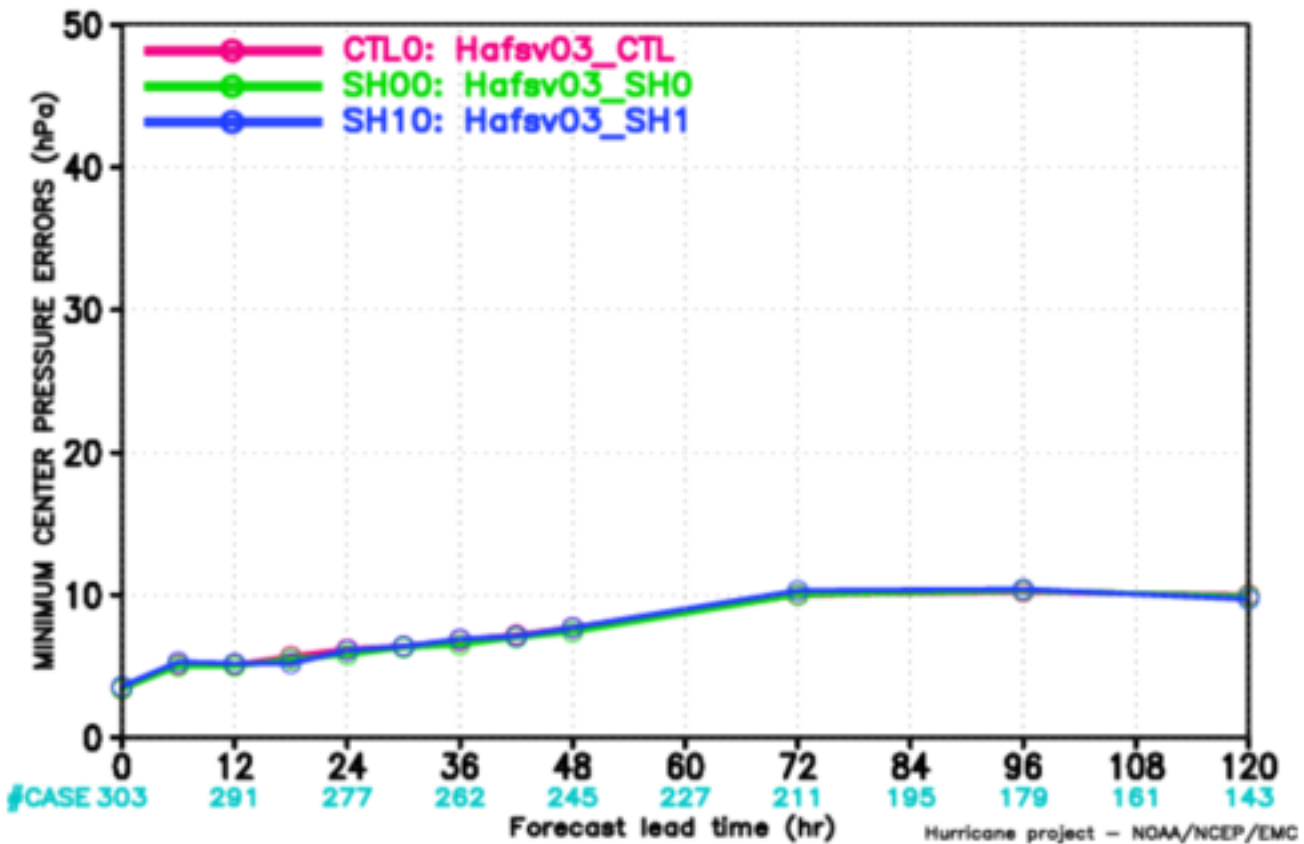


MODEL FORECAST – AVERAGE 64KT RADIUS ERRORS (NM)  
VERIFICATION FOR HAFS

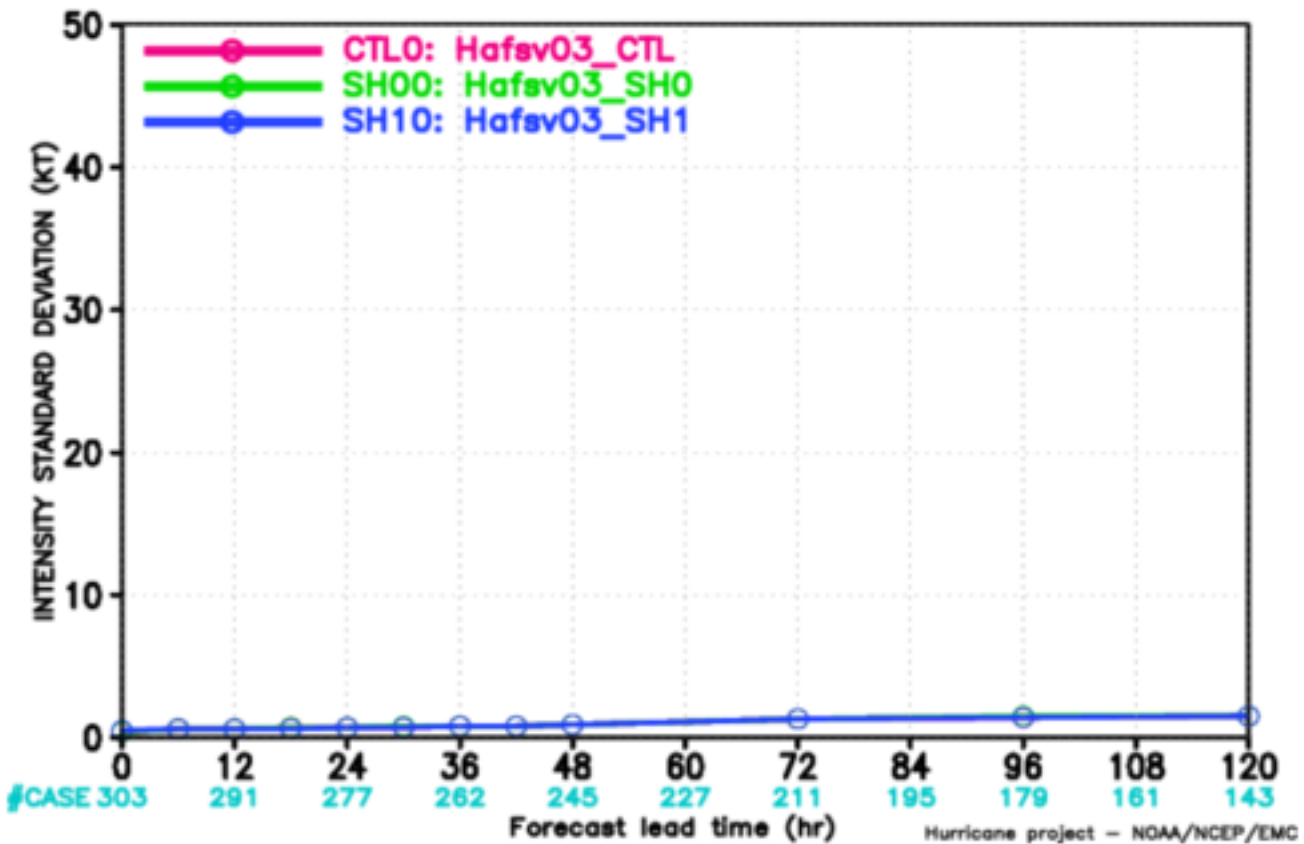




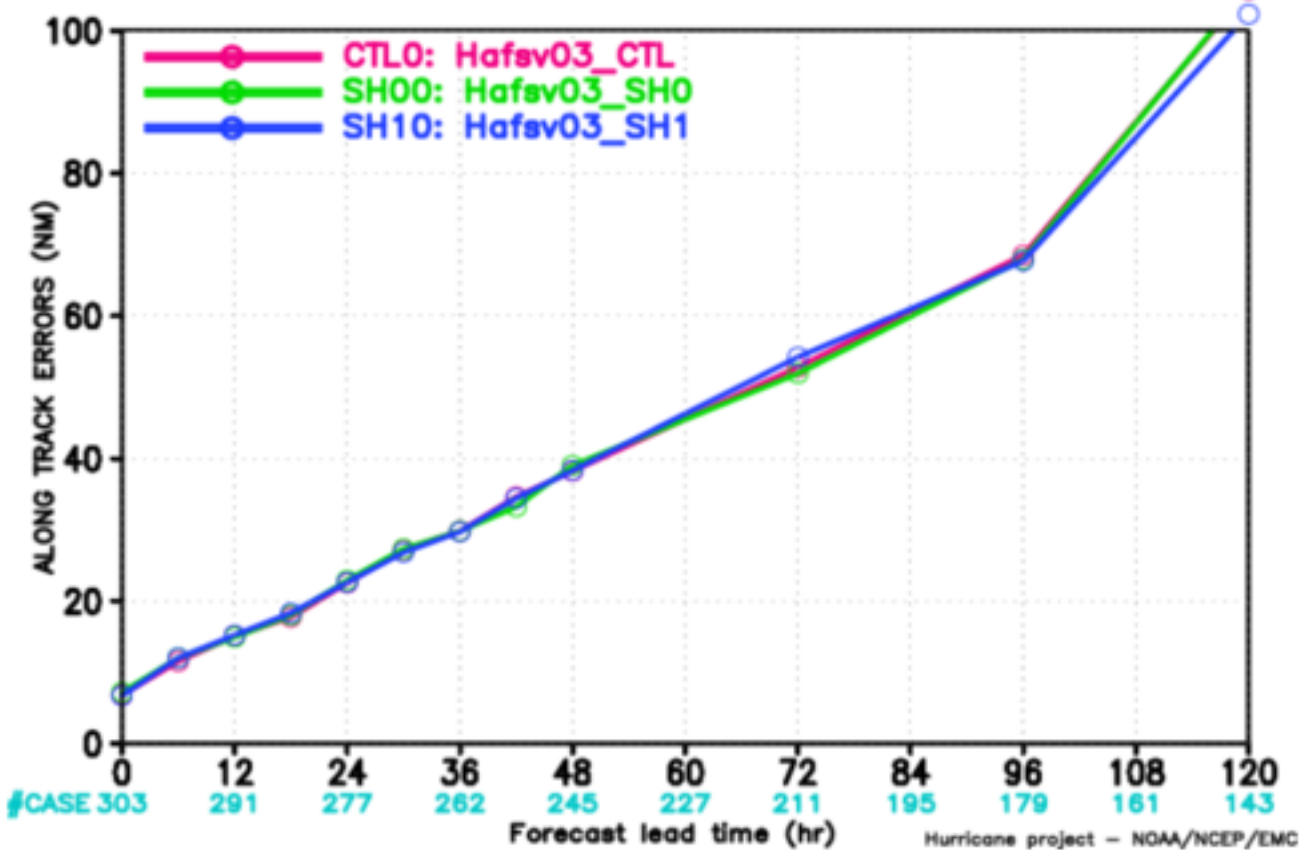
MODEL FORECAST – MINIMUM CENTER PRESSURE ERRORS (hPa)  
VERIFICATION FOR HAFS



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



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



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

