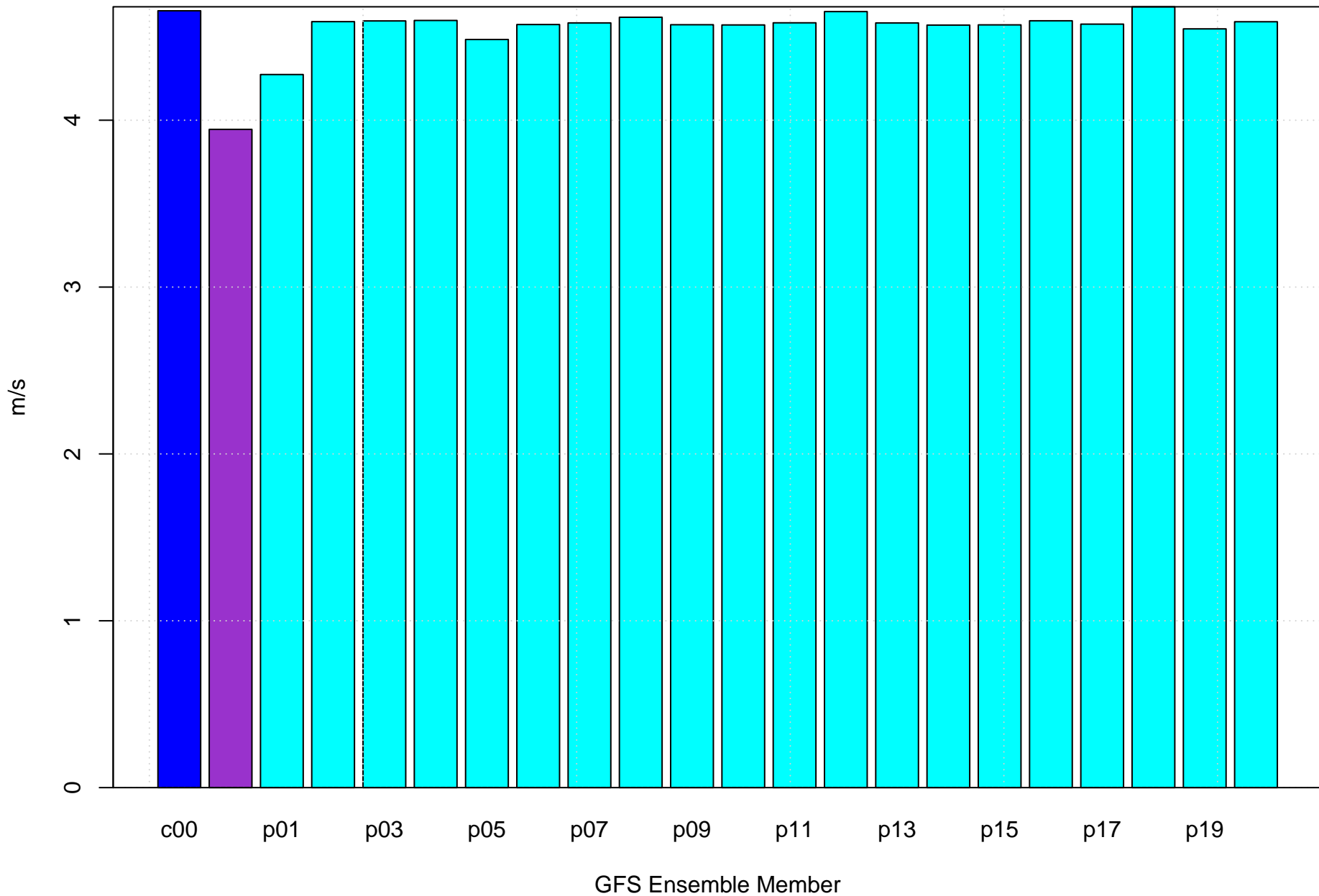
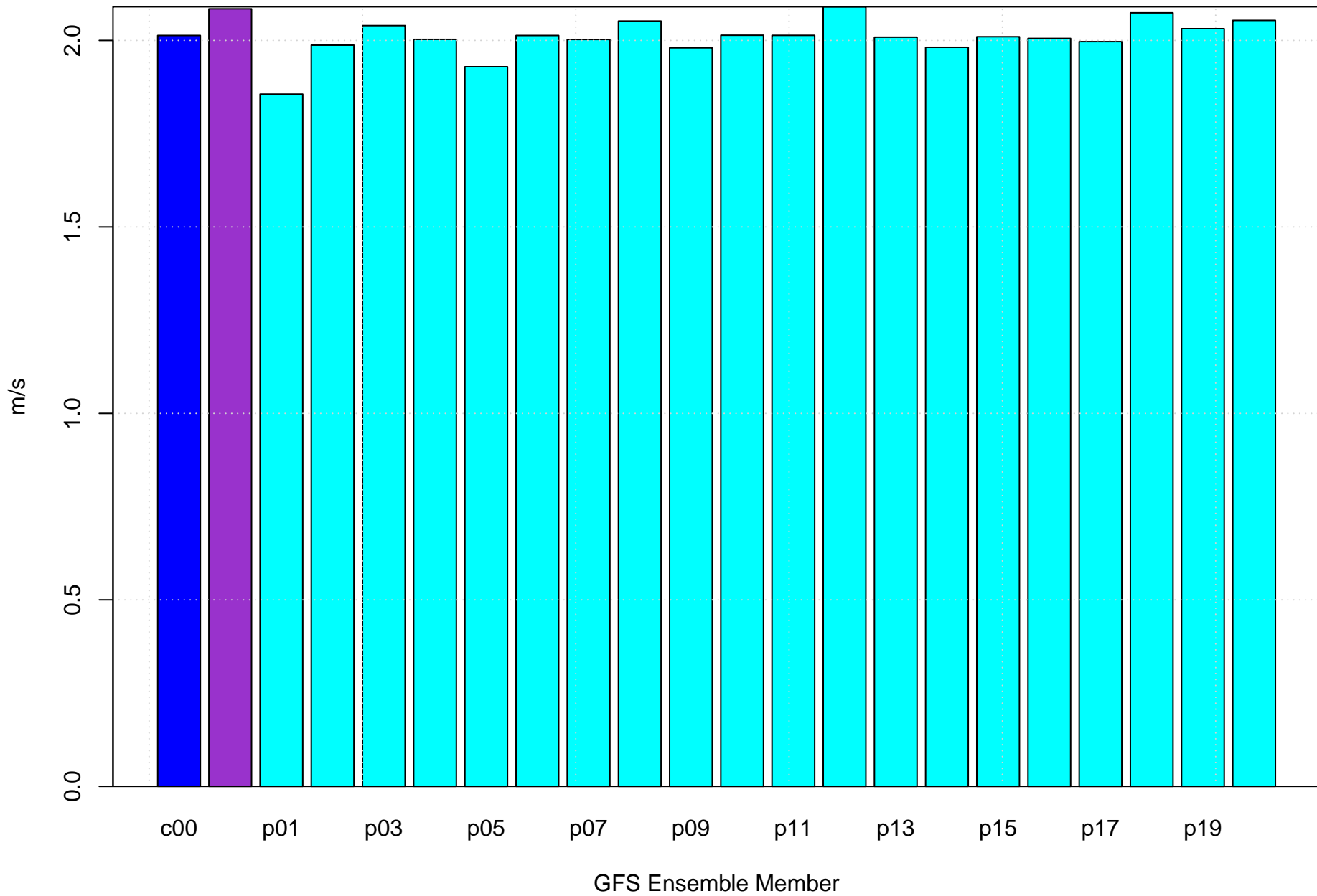


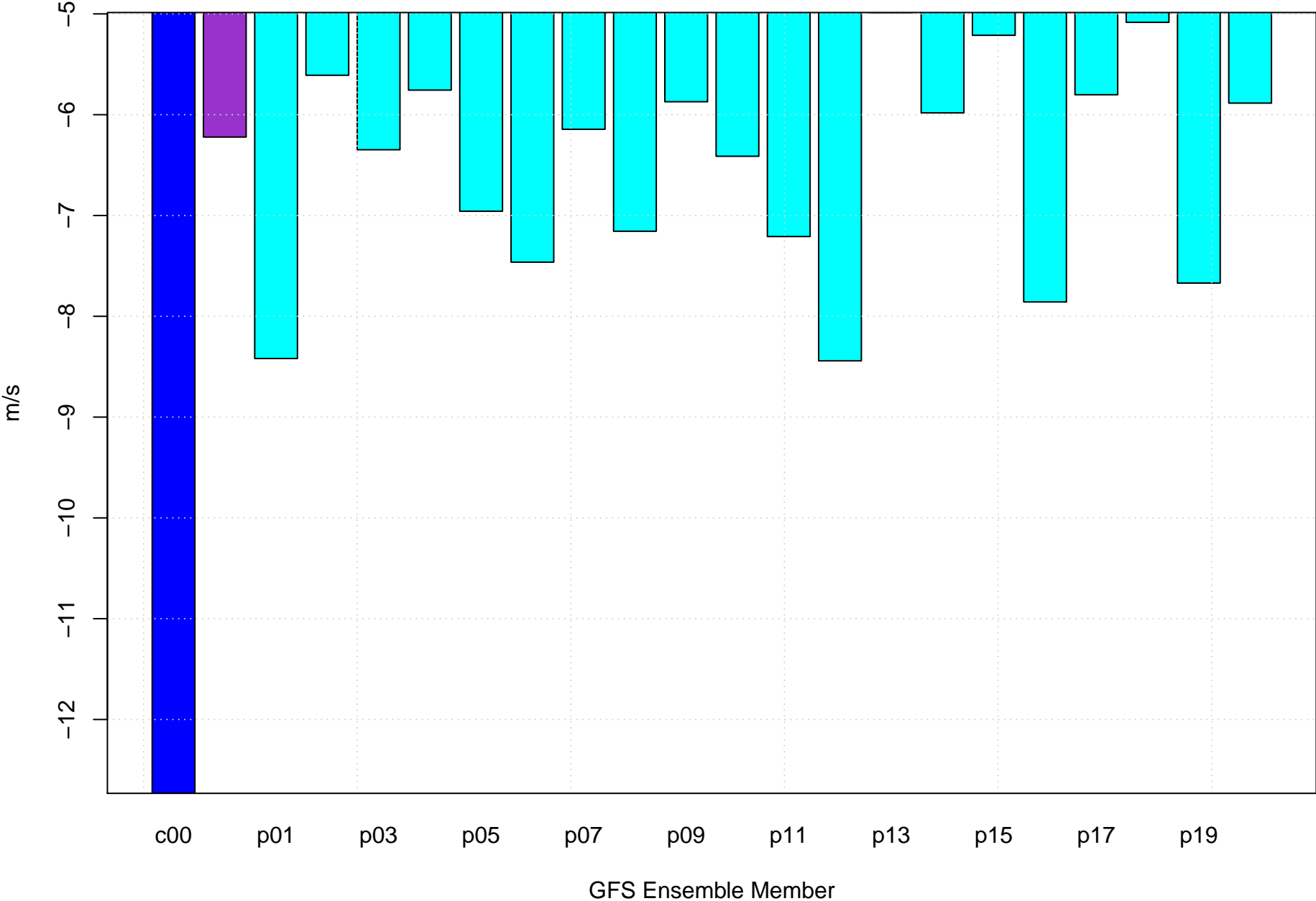
Mean vector surface wind error KEYW



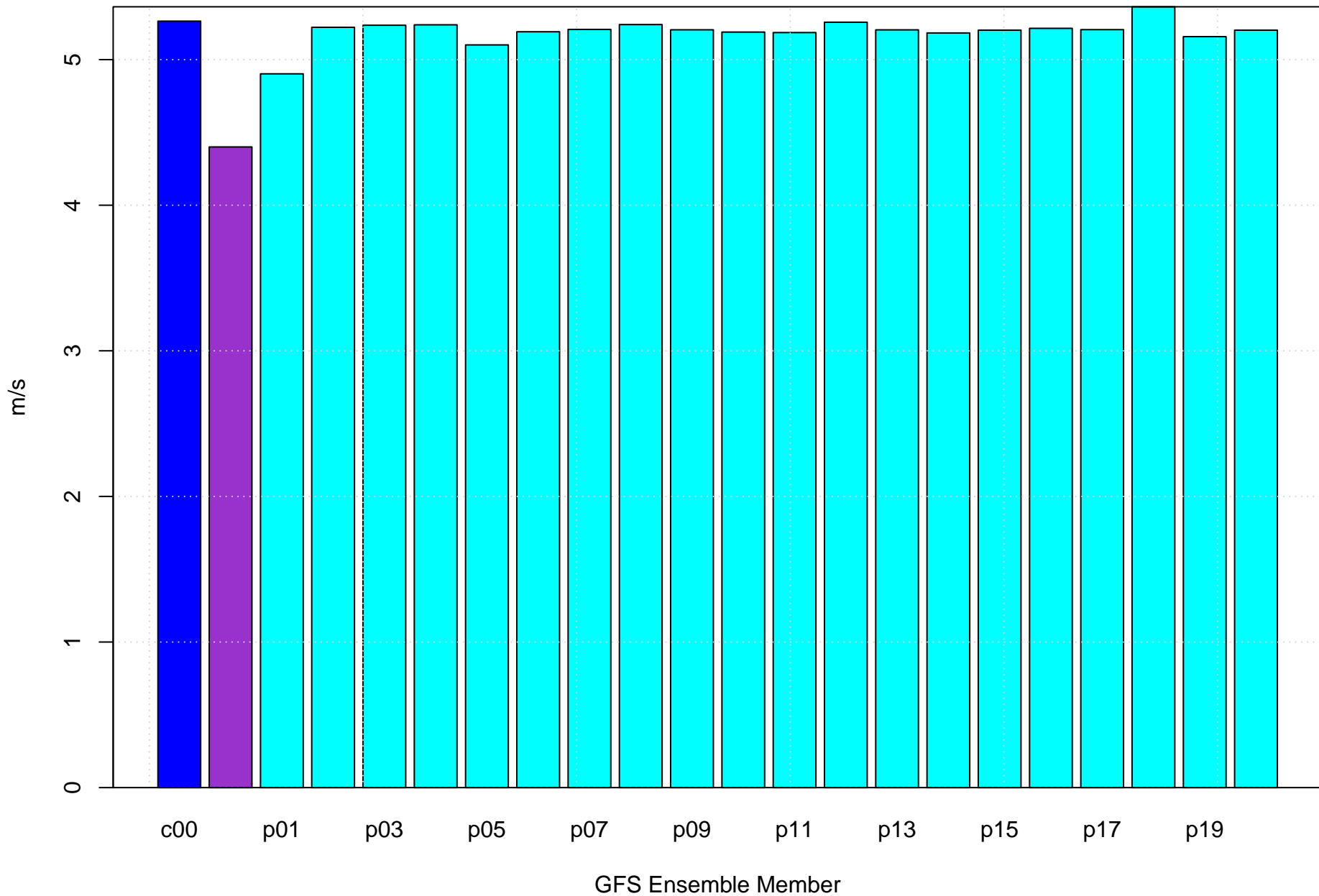
Surface wind speed bias KEYW



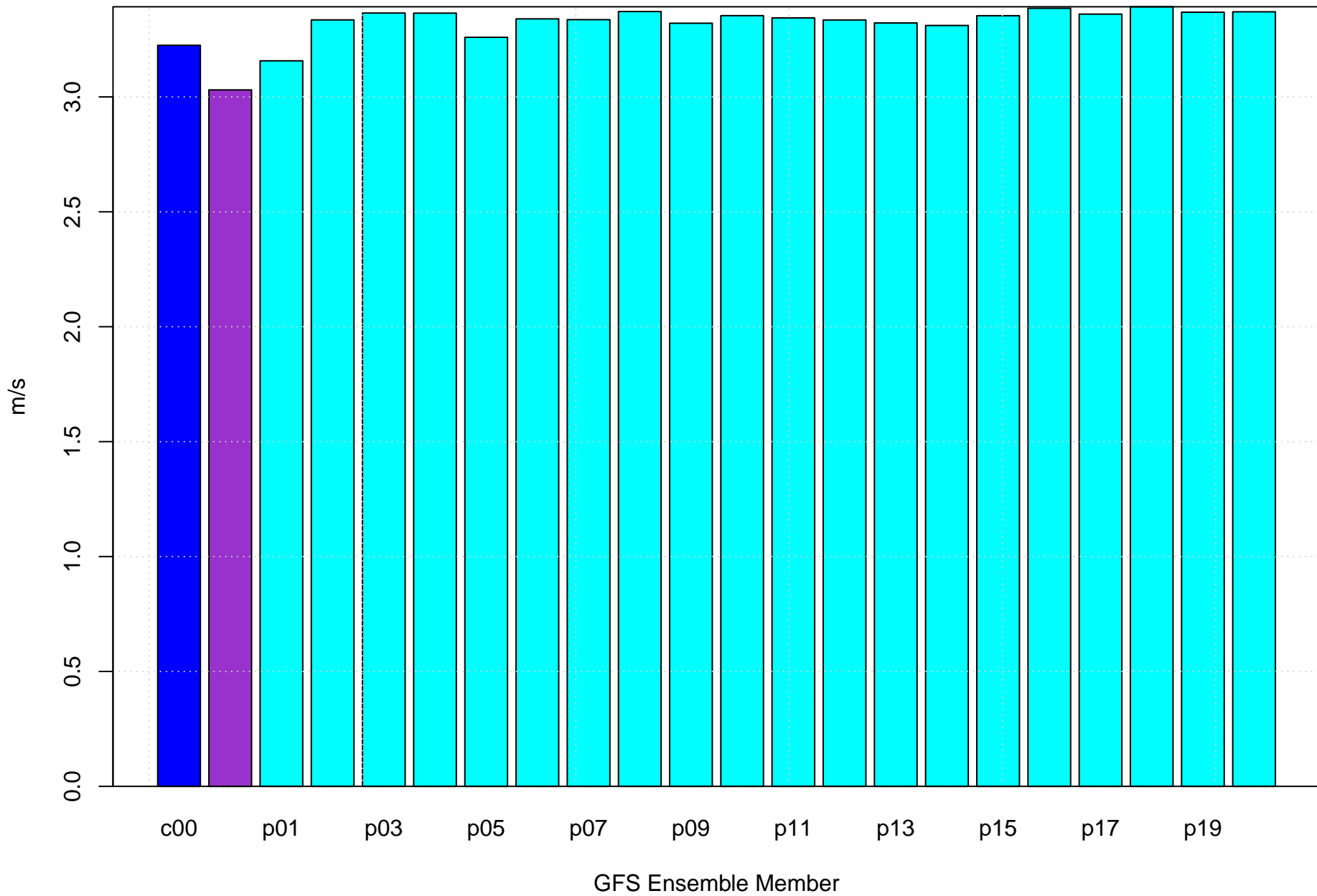
Surface direction bias KEYW



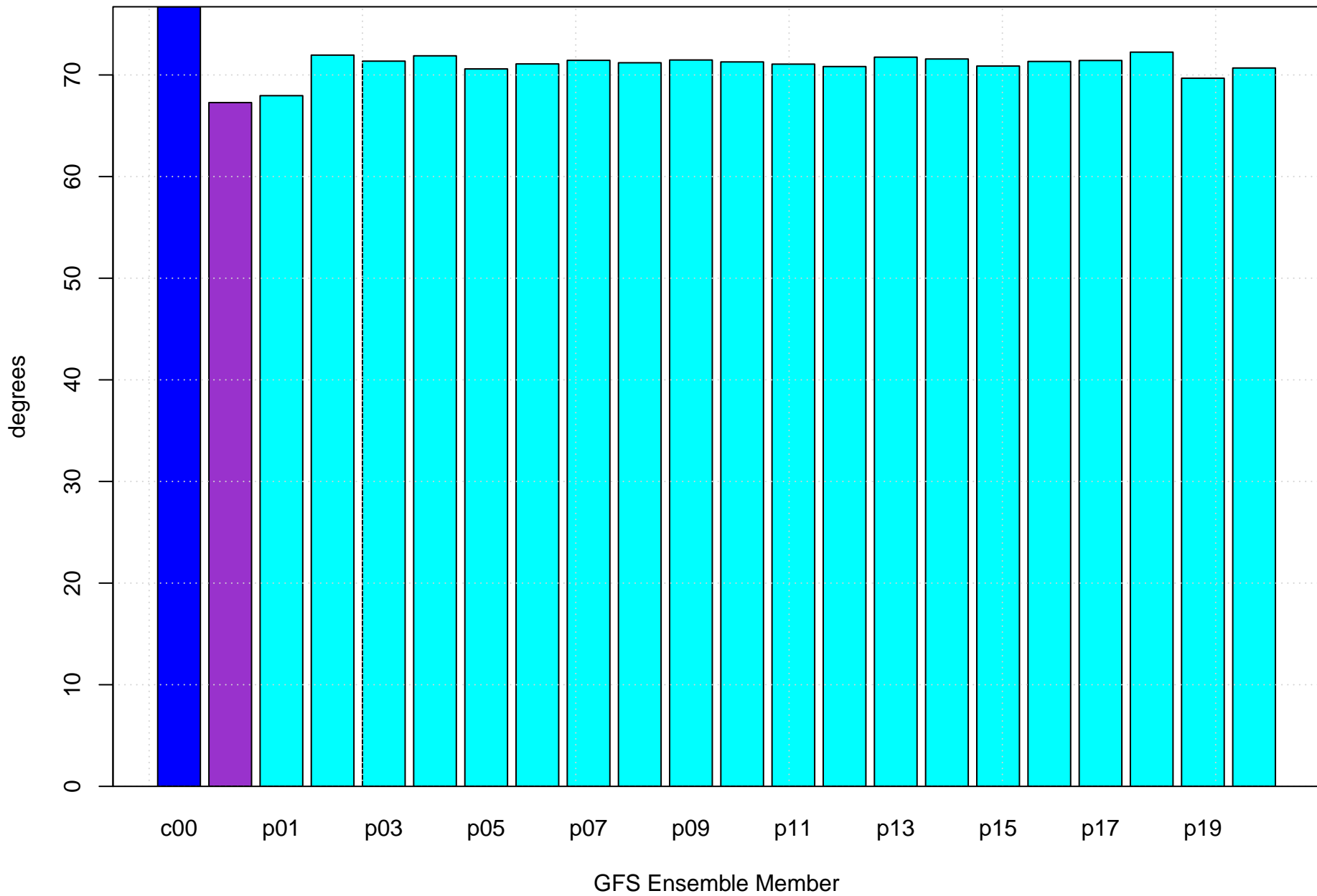
Surface vector wind vector RMSE KEYW



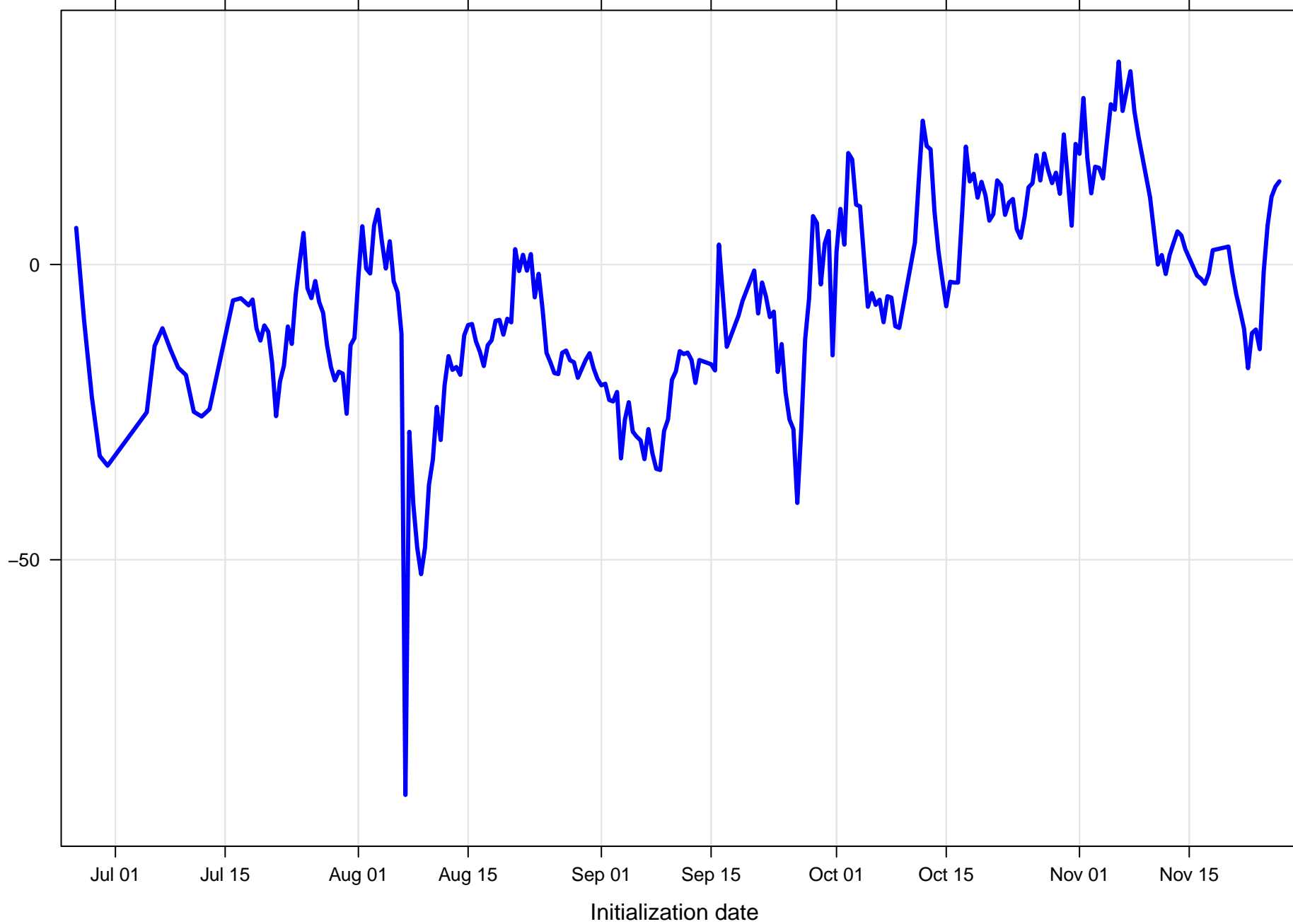
Surface wind speed RMSE KEYW



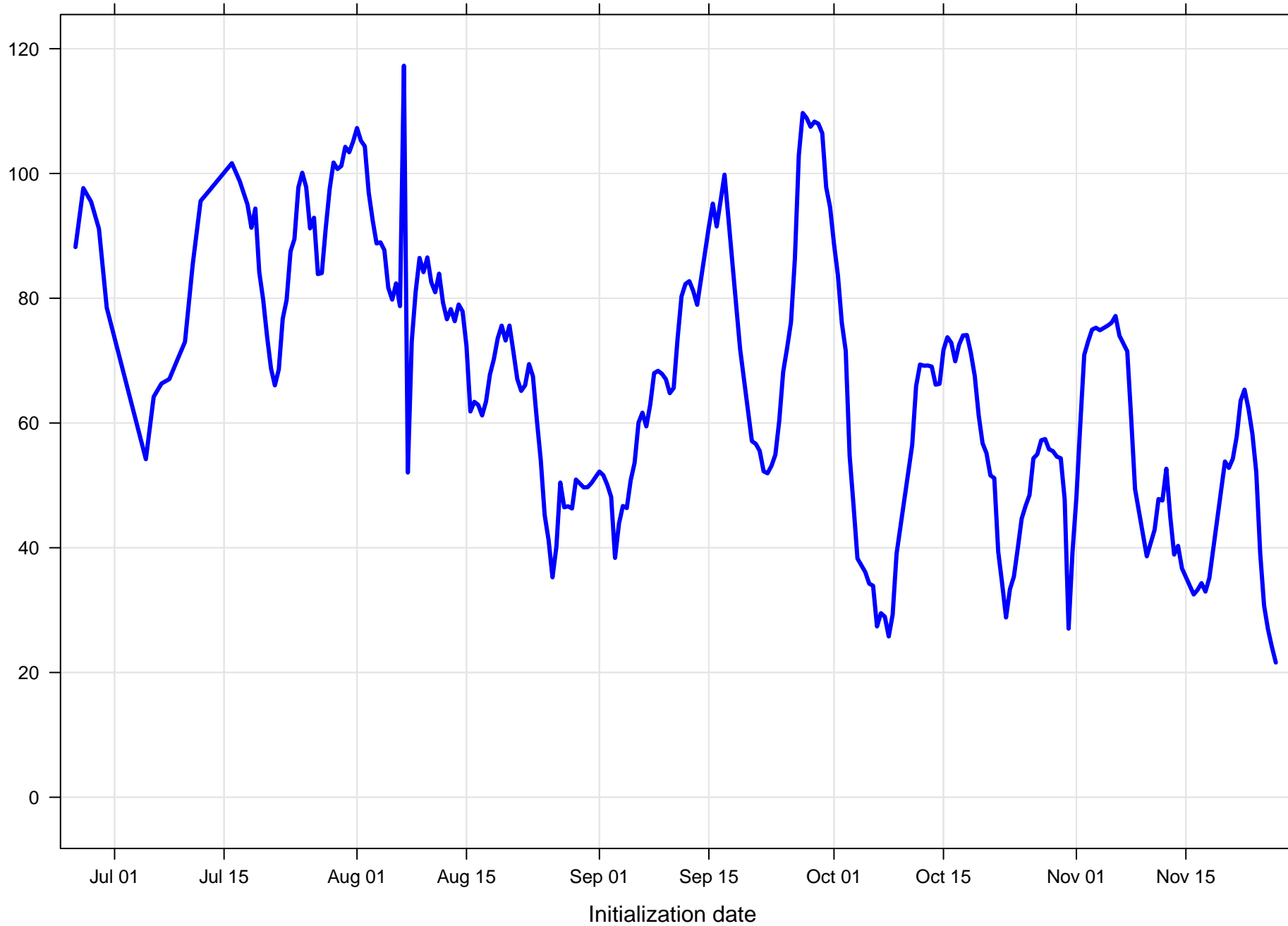
Surface direction RMSE KEYW



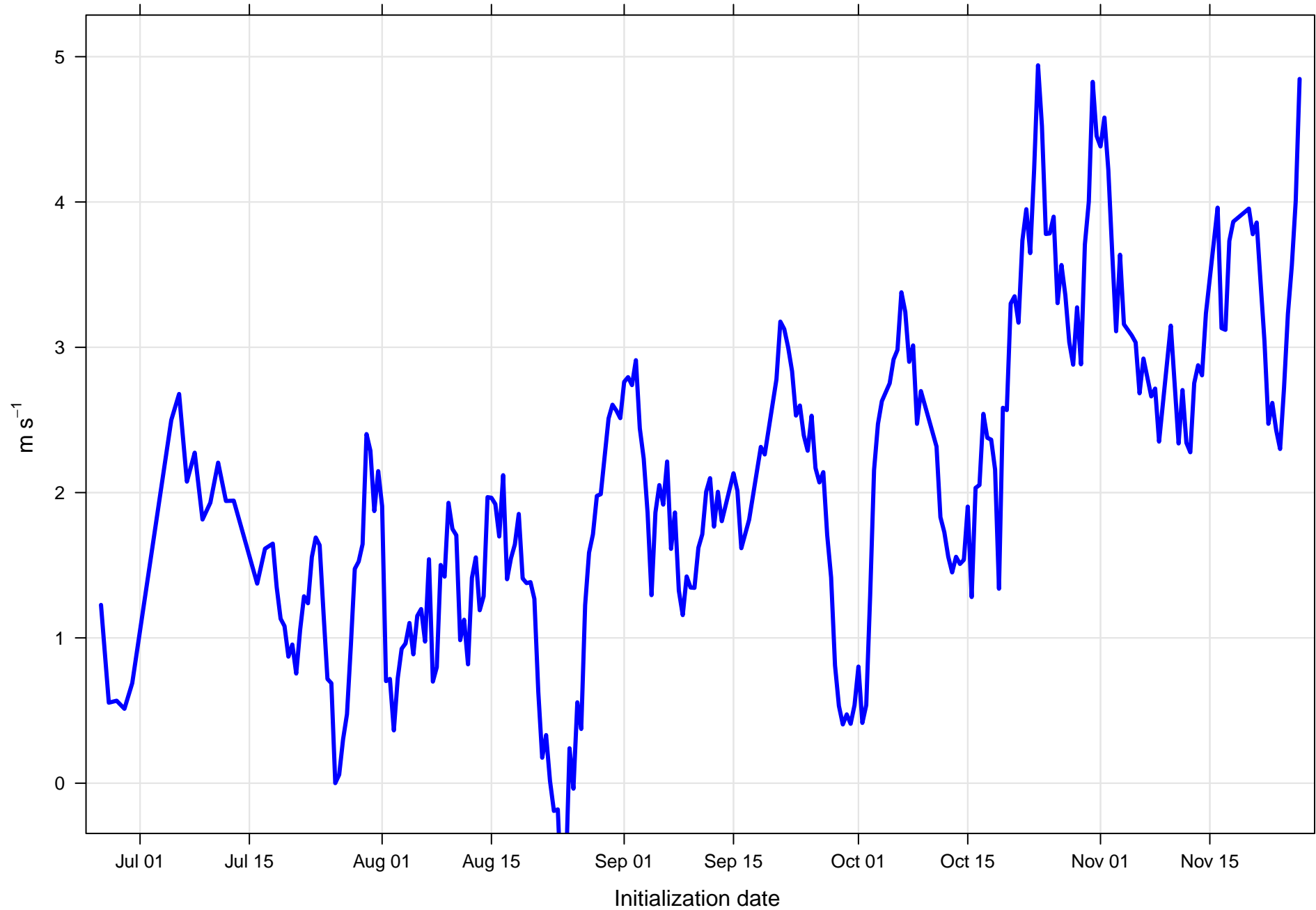
Surface wind direction bias at KEYW all forecast hours and members



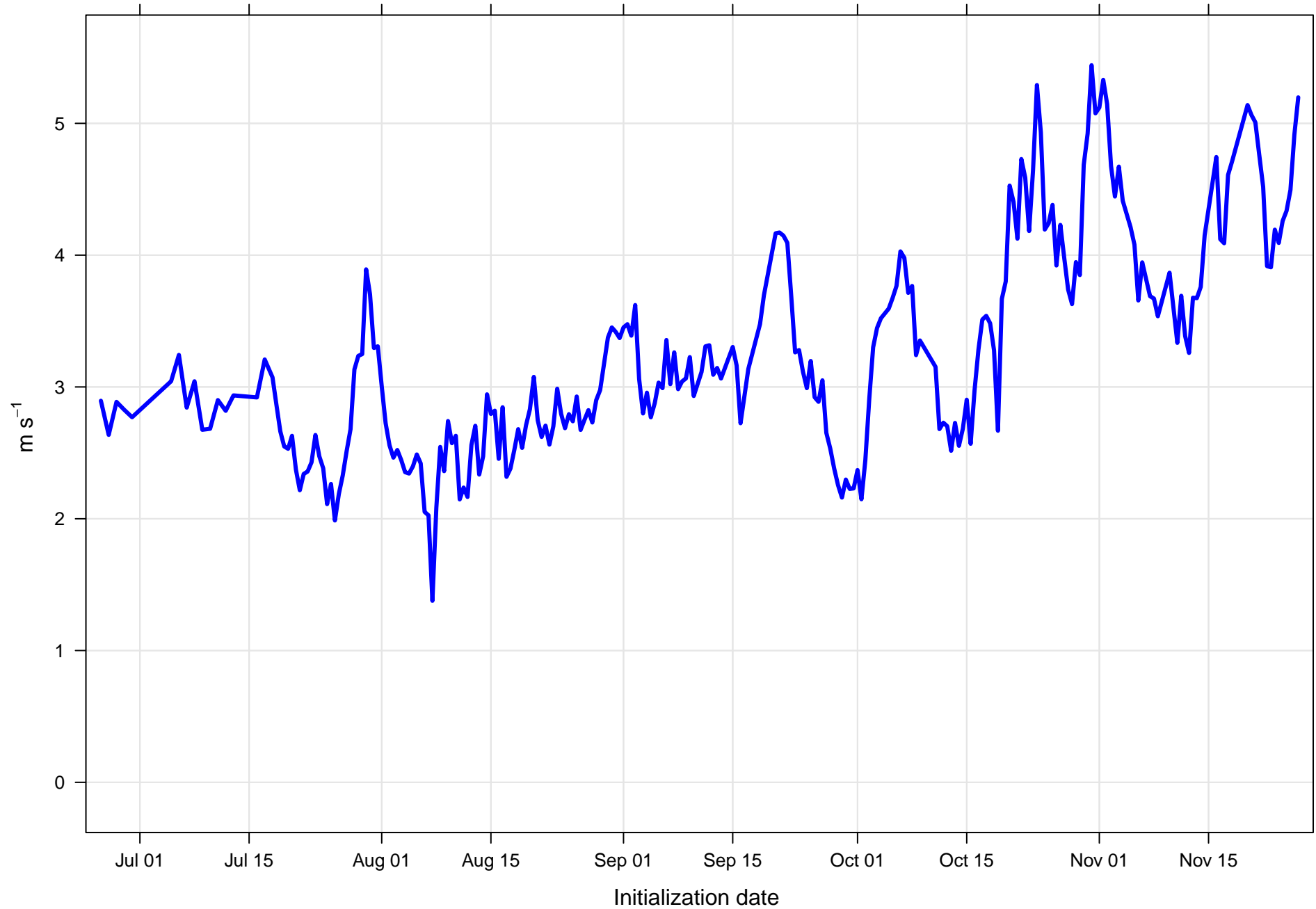
Surface wind direction RMSE at KEYW all forecast hours and members



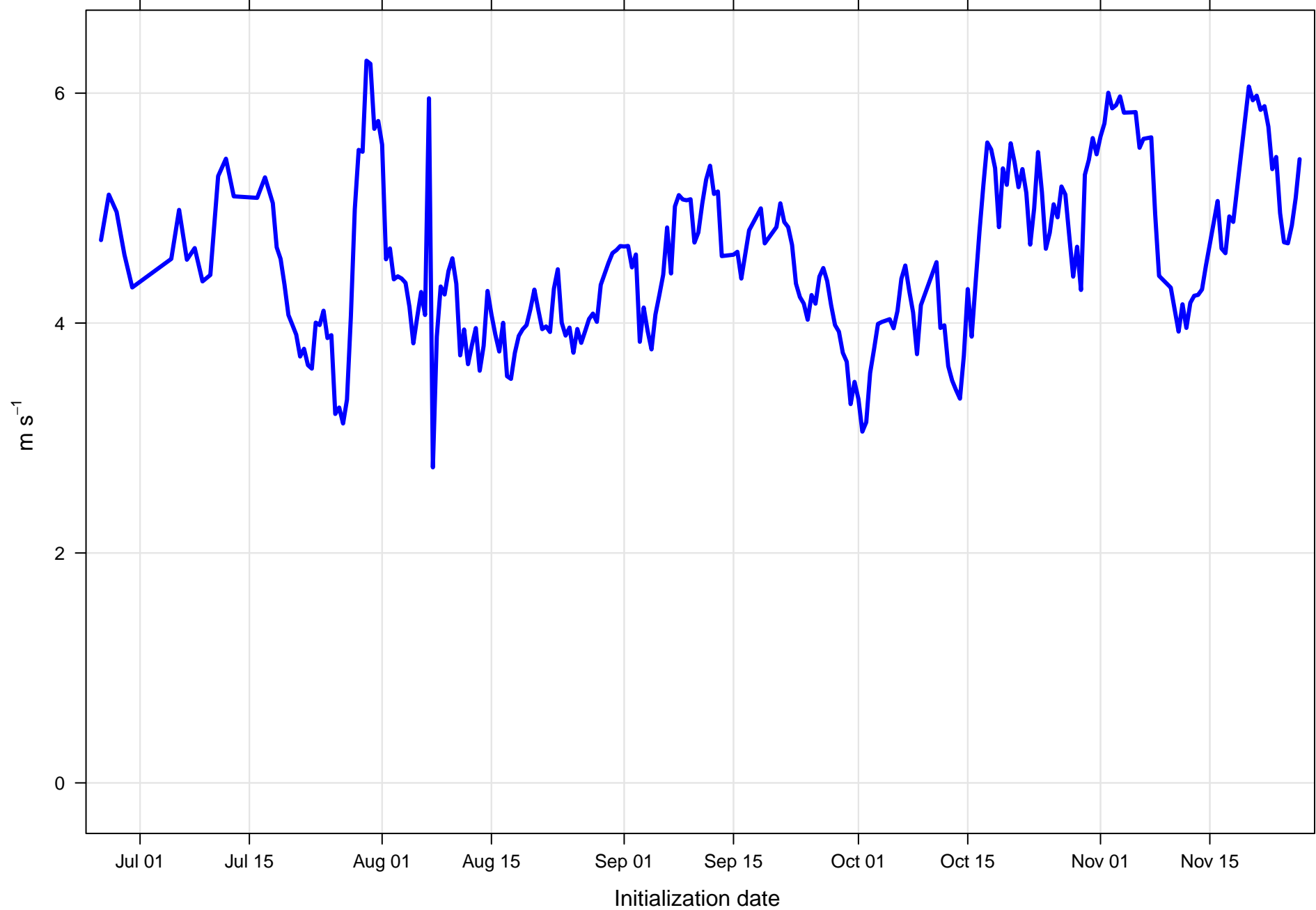
Surface wind speed bias at KEYW all forecast hours and members



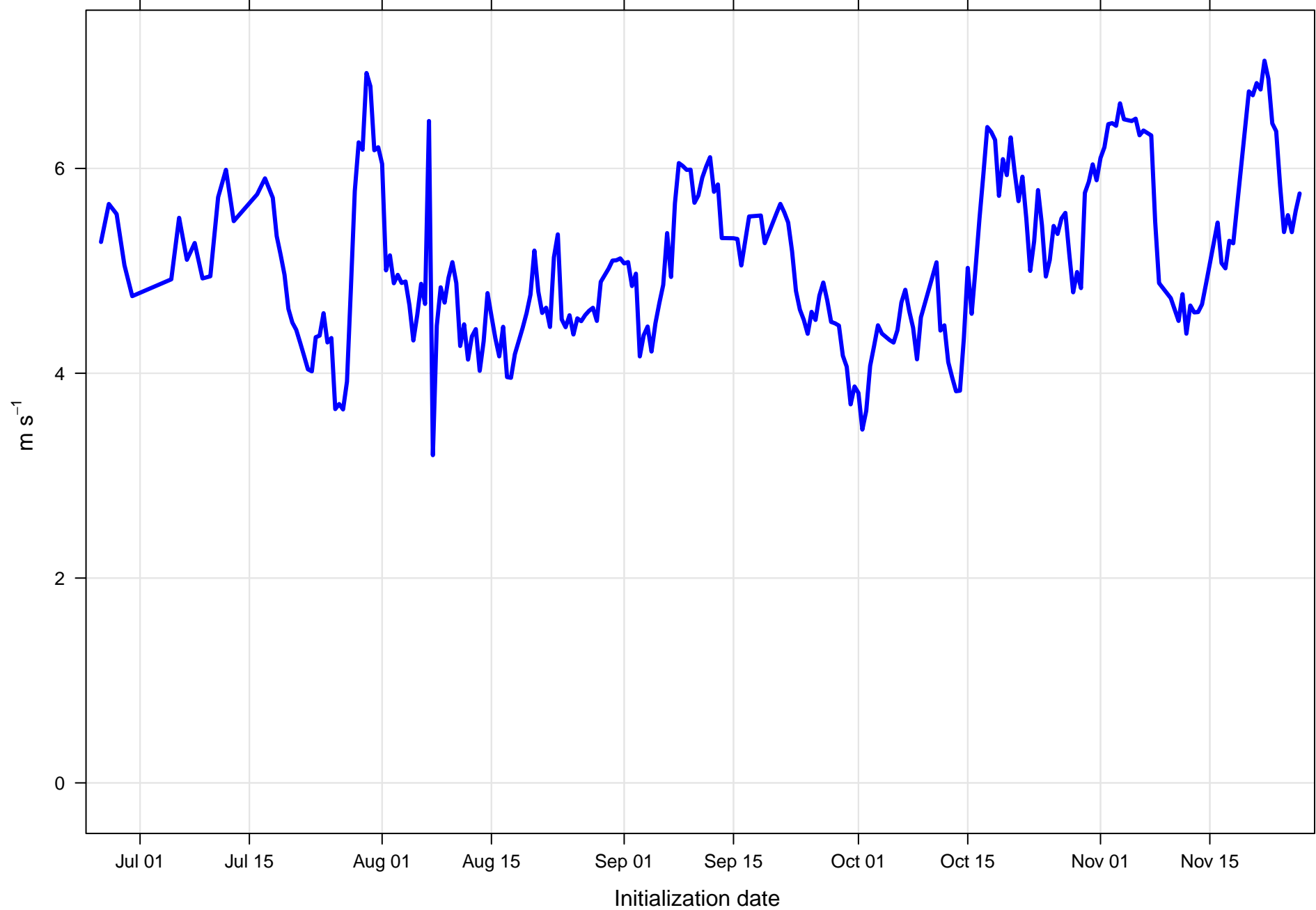
Surface wind speed RMSE at KEYW all forecast hours and members



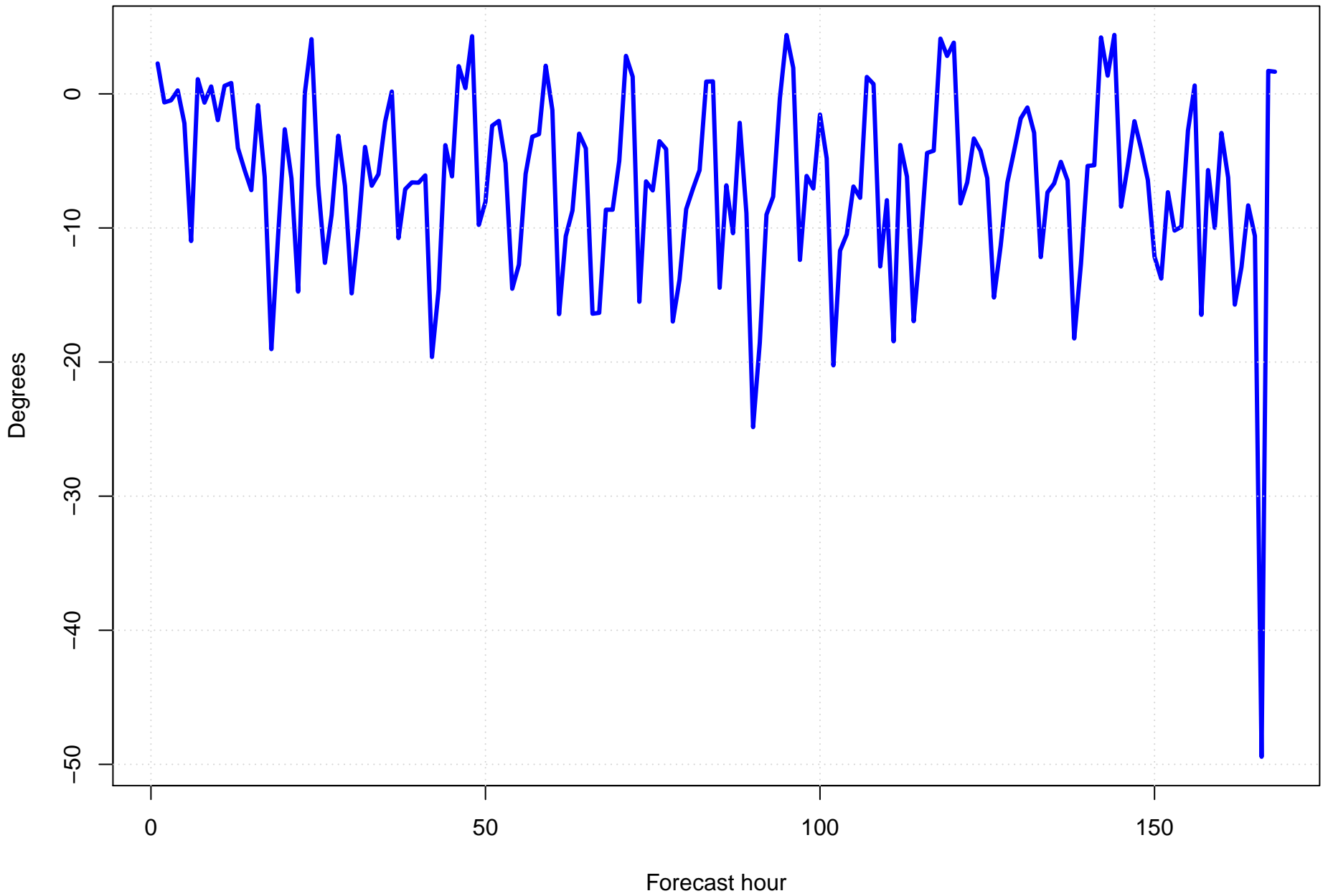
Surface vector wind mean error KEYW all forecast hours and members



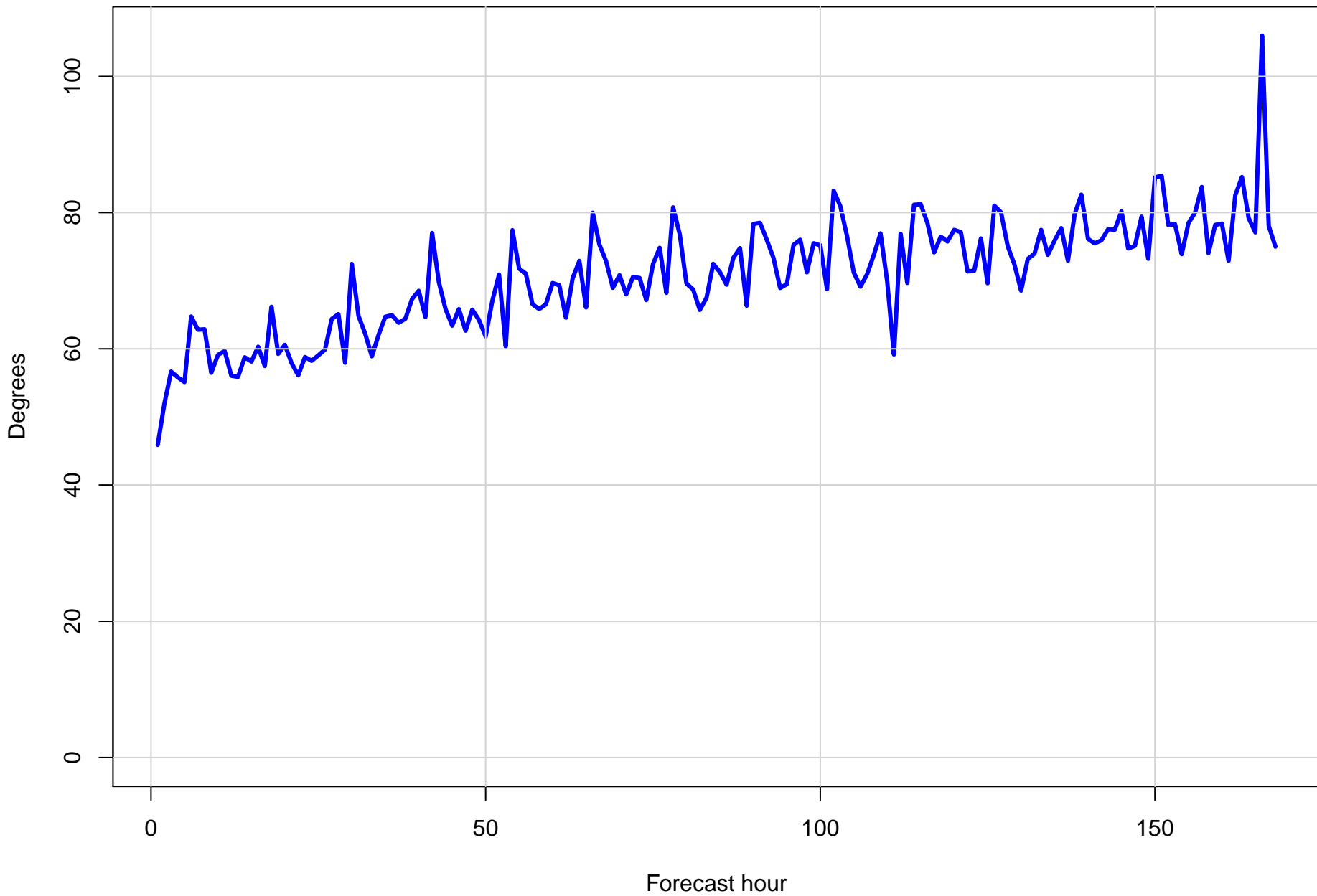
Surface vector wind RMSE at KEYW all forecast hours and members



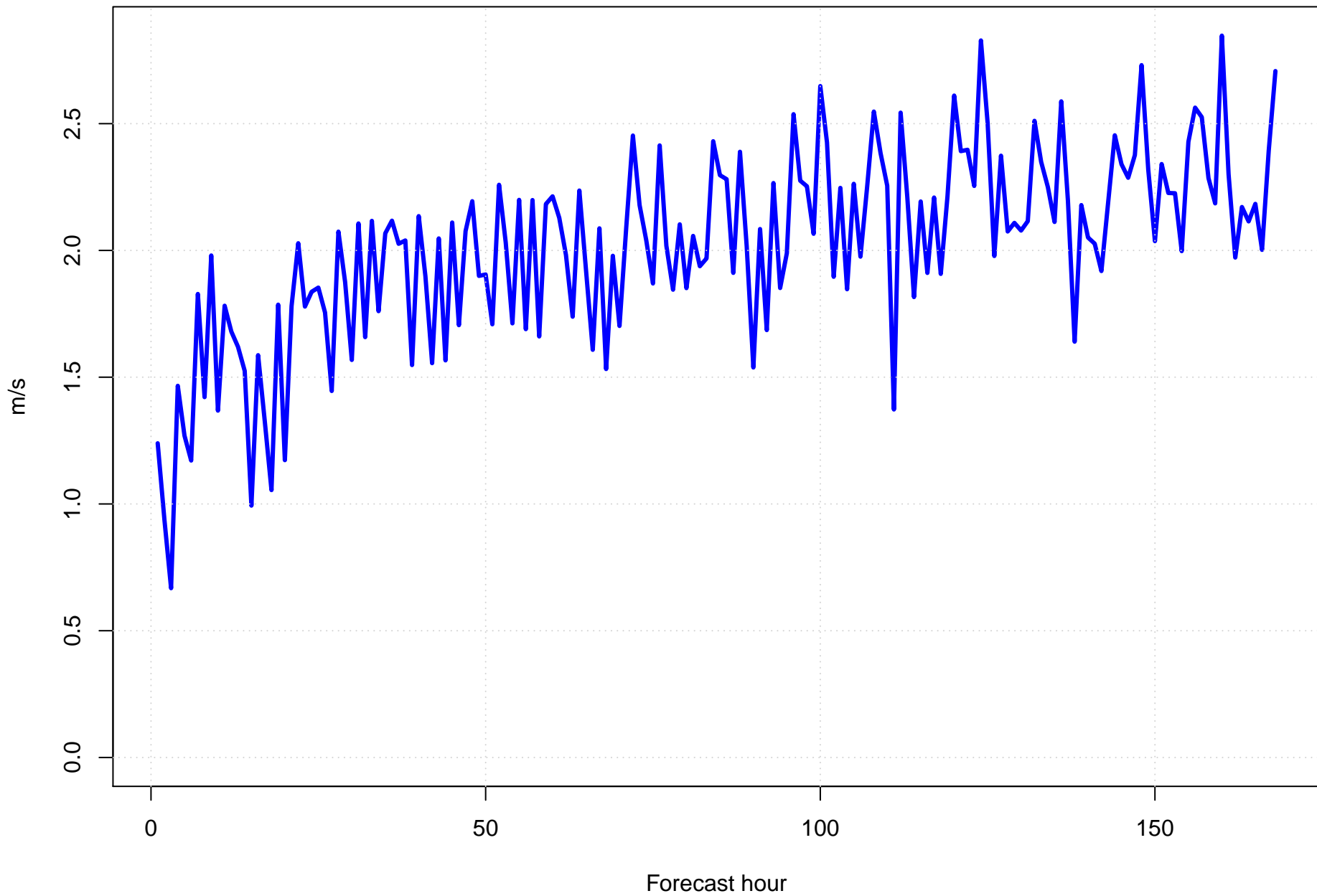
Surface wind direction bias at KEYW by forecast hour



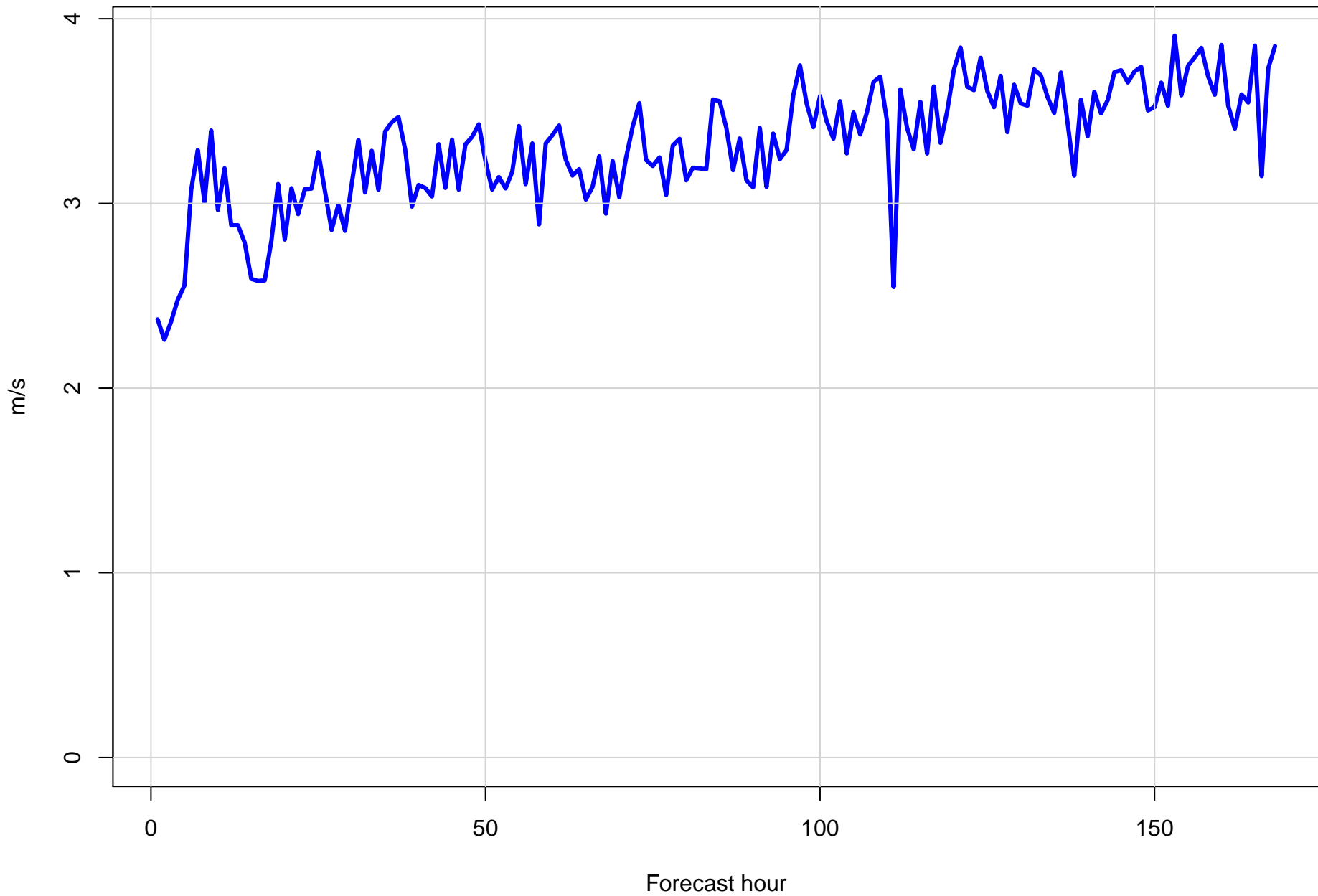
Surface wind direction RMSE at KEYW by forecast hour



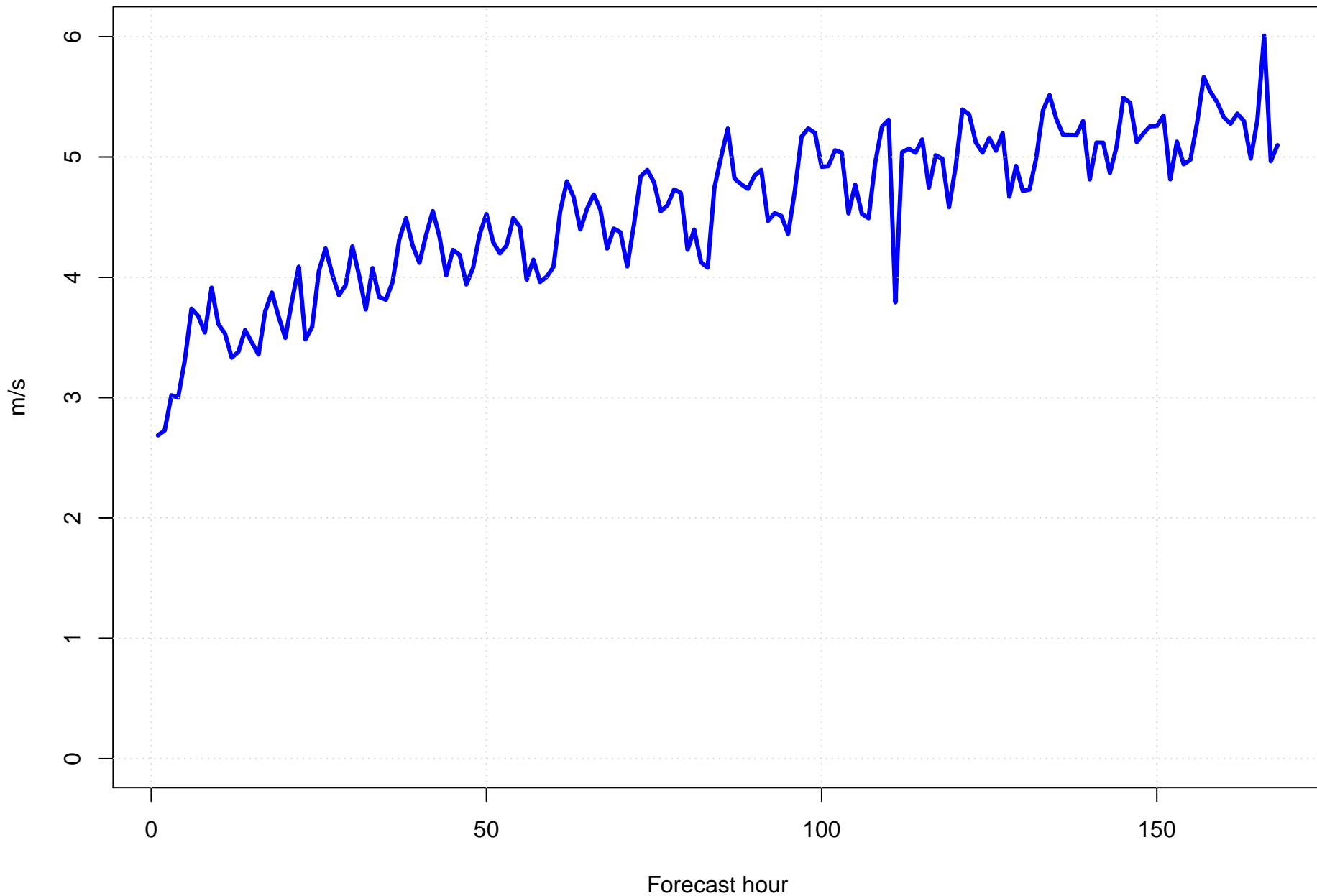
Surface wind speed bias at KEYW by forecast hour



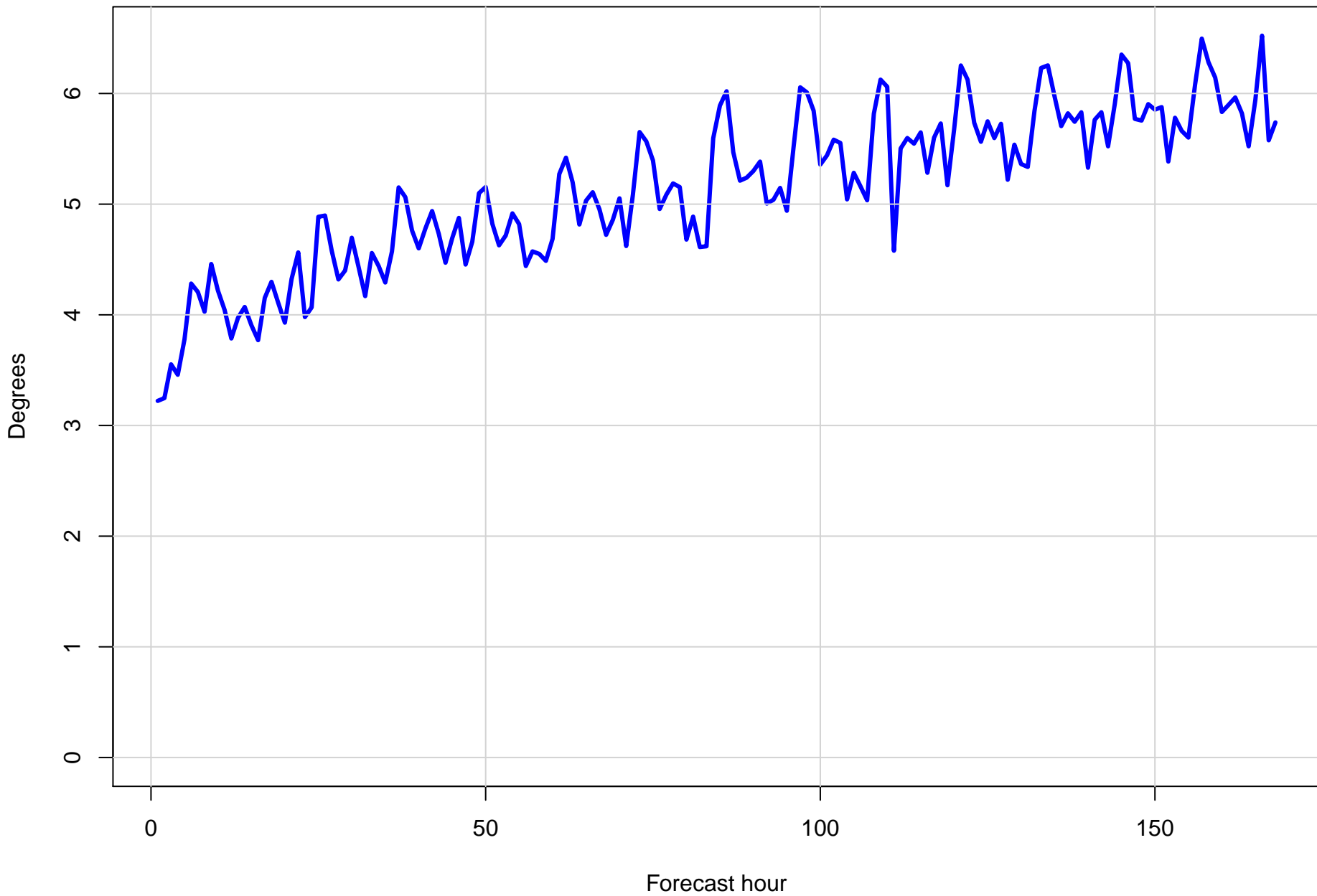
Surface wind speed RMSE at KEYW by forecast hour



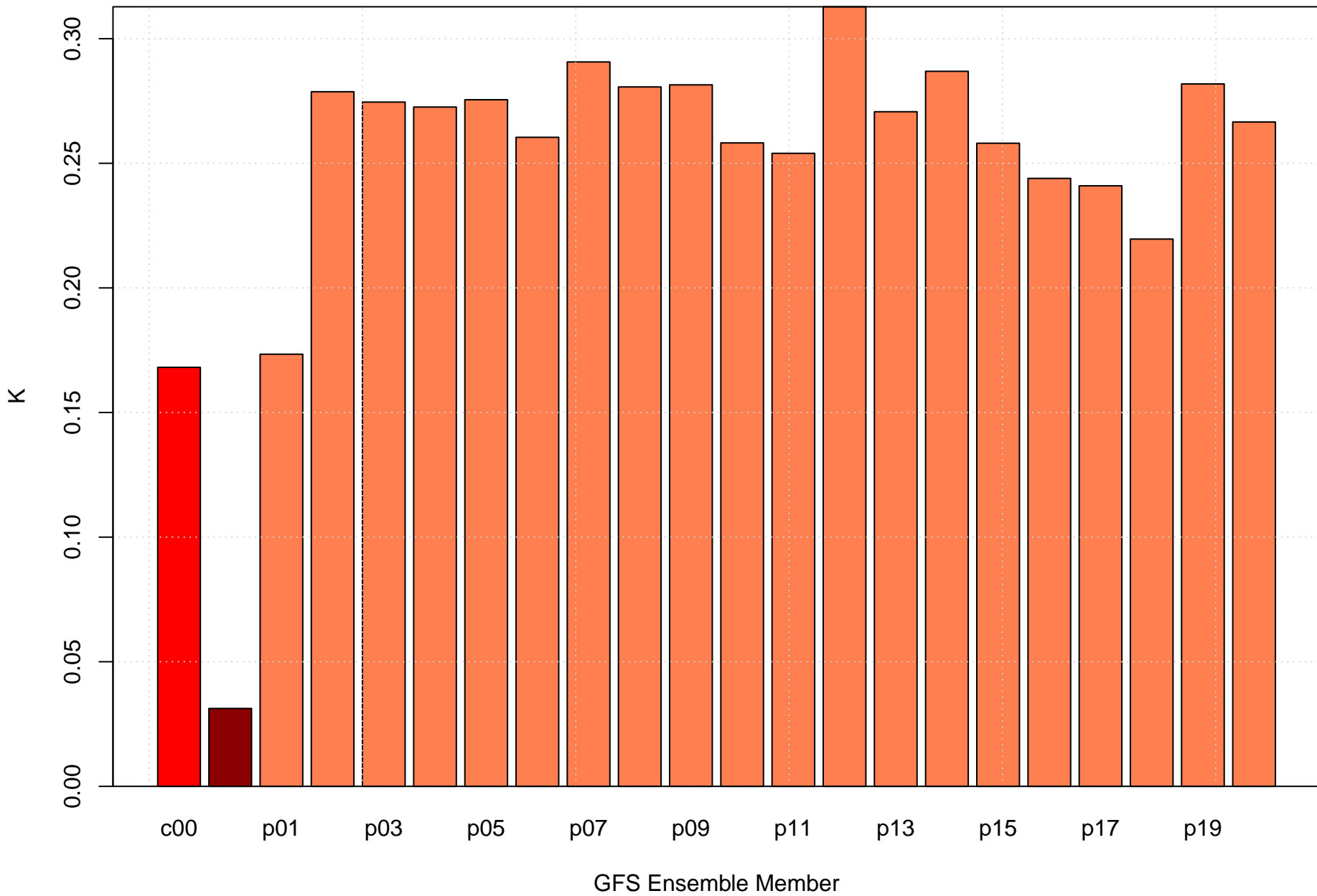
Surface vector wind error at KEYW by forecast hour



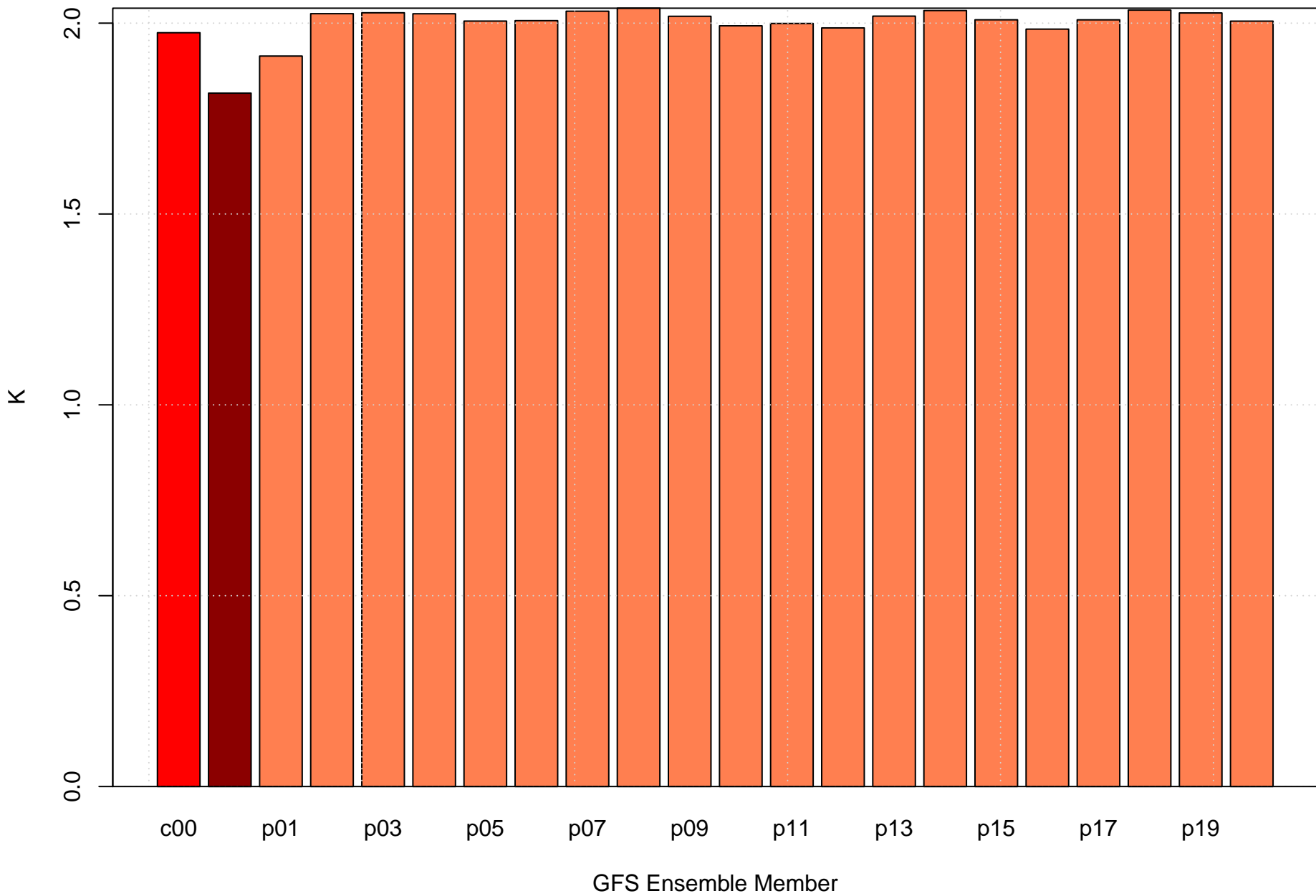
Surface vector wind RMSE at KEYW by forecast hour



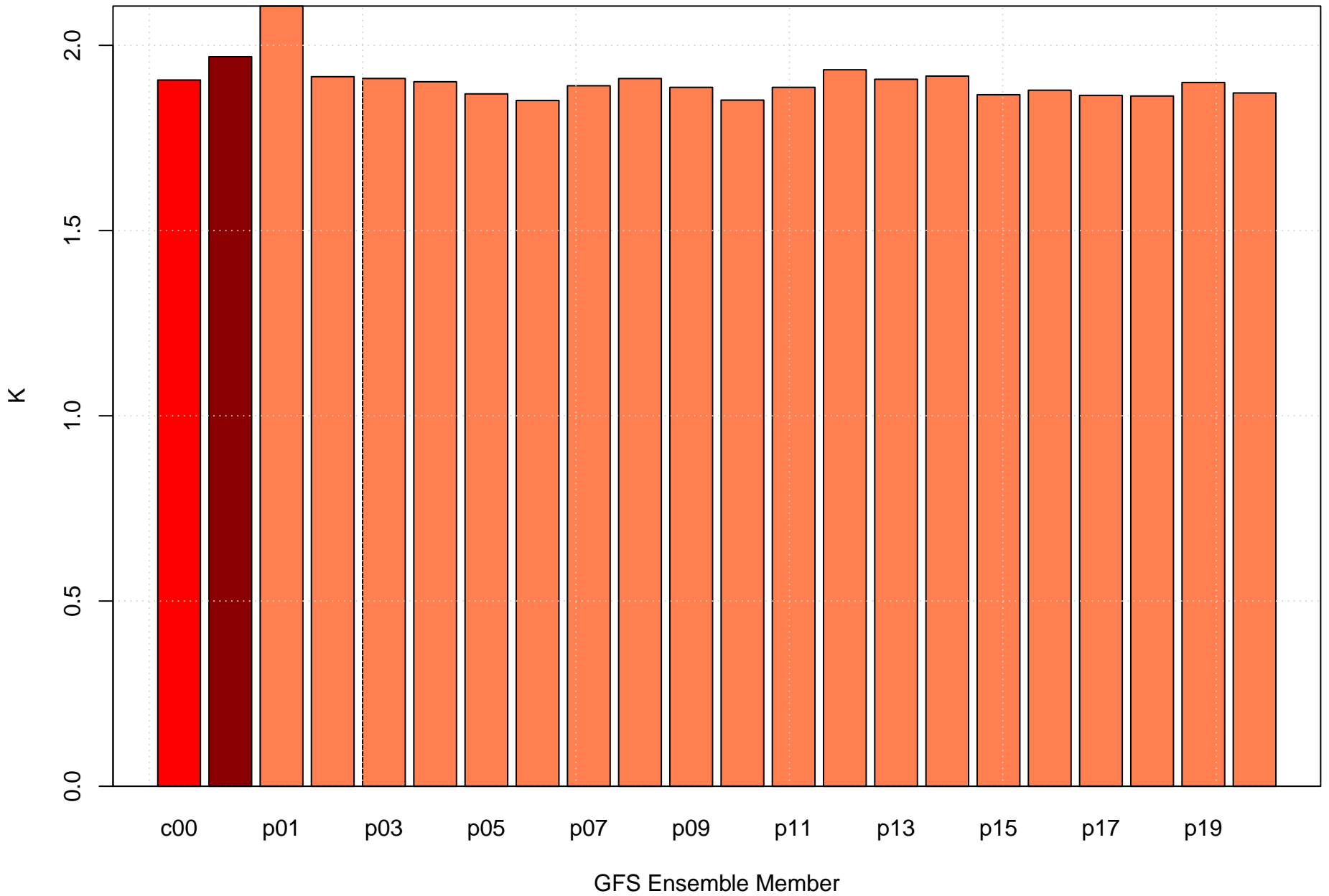
Surface temperature bias at KEYW



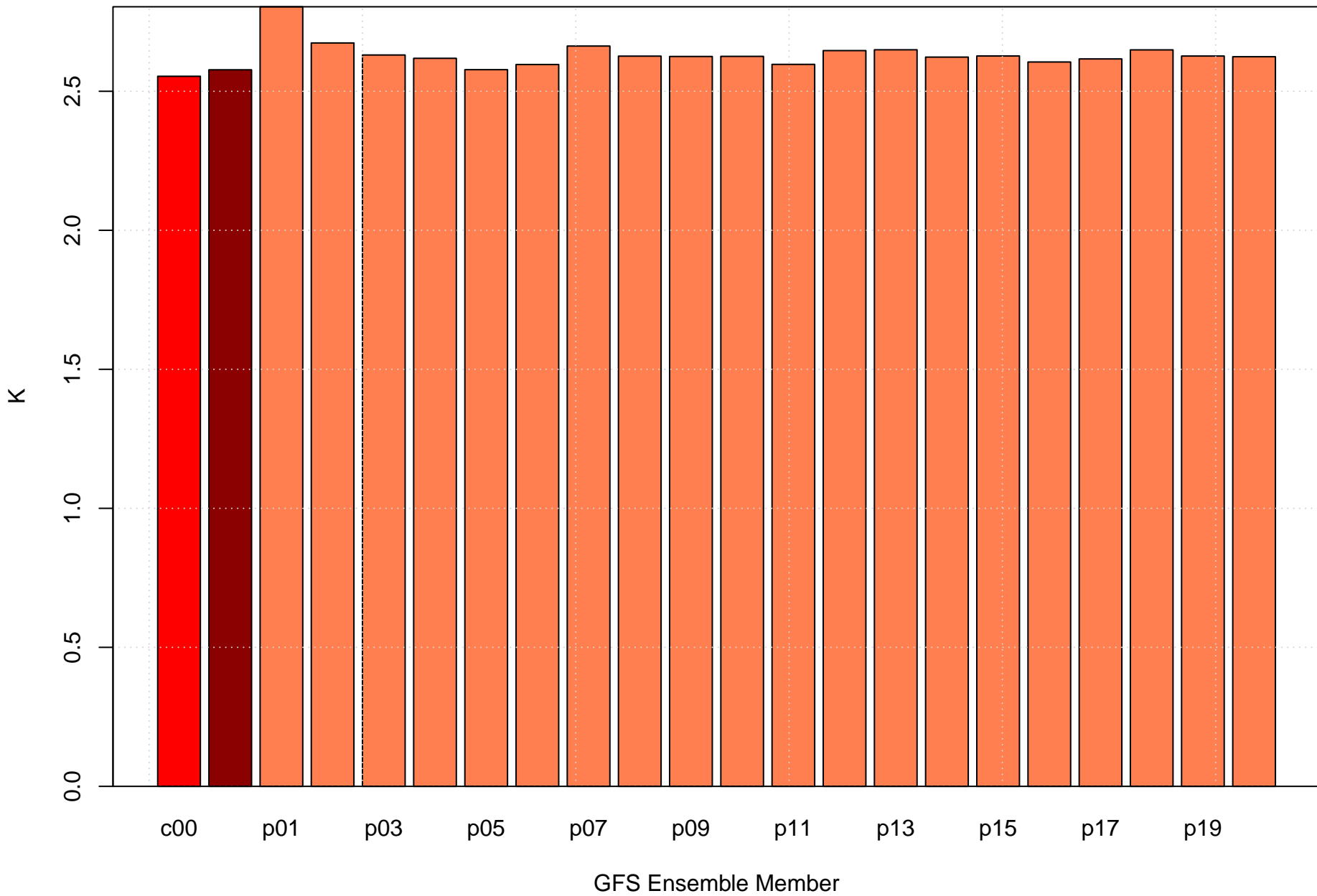
Surface temperature RMSE at KEYW



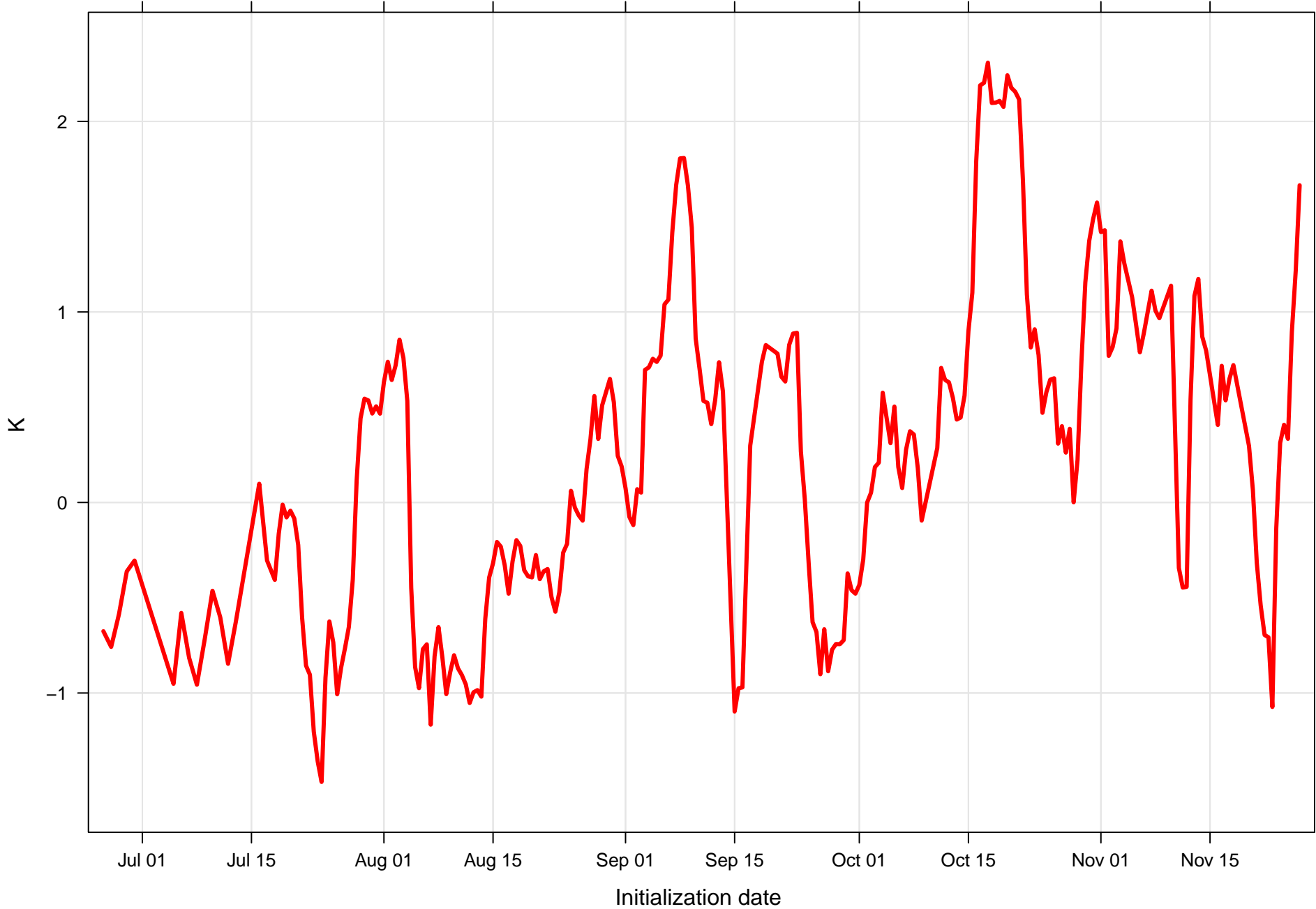
Surface dew point bias at KEYW



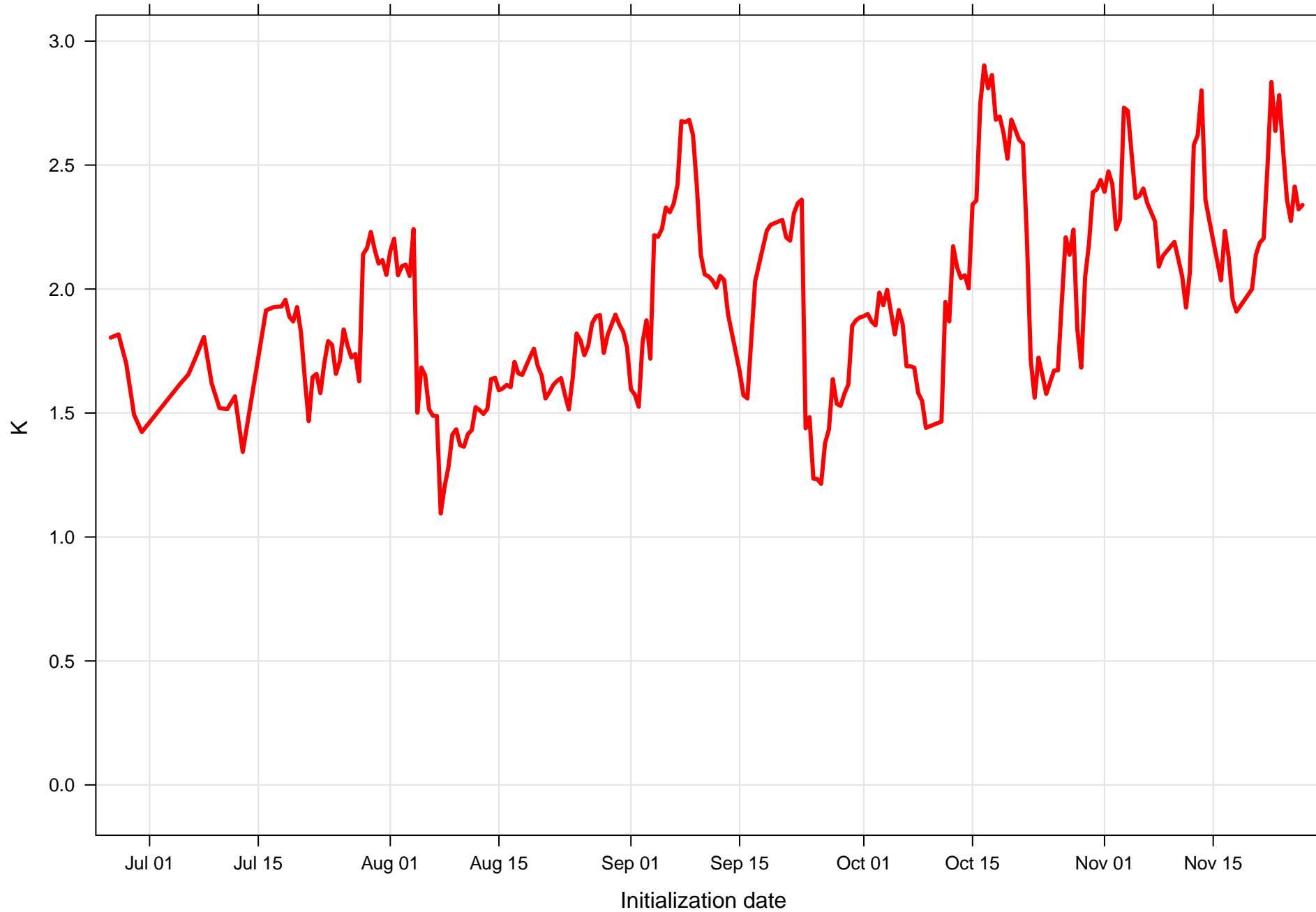
Surface dew point RMSE at KEYW



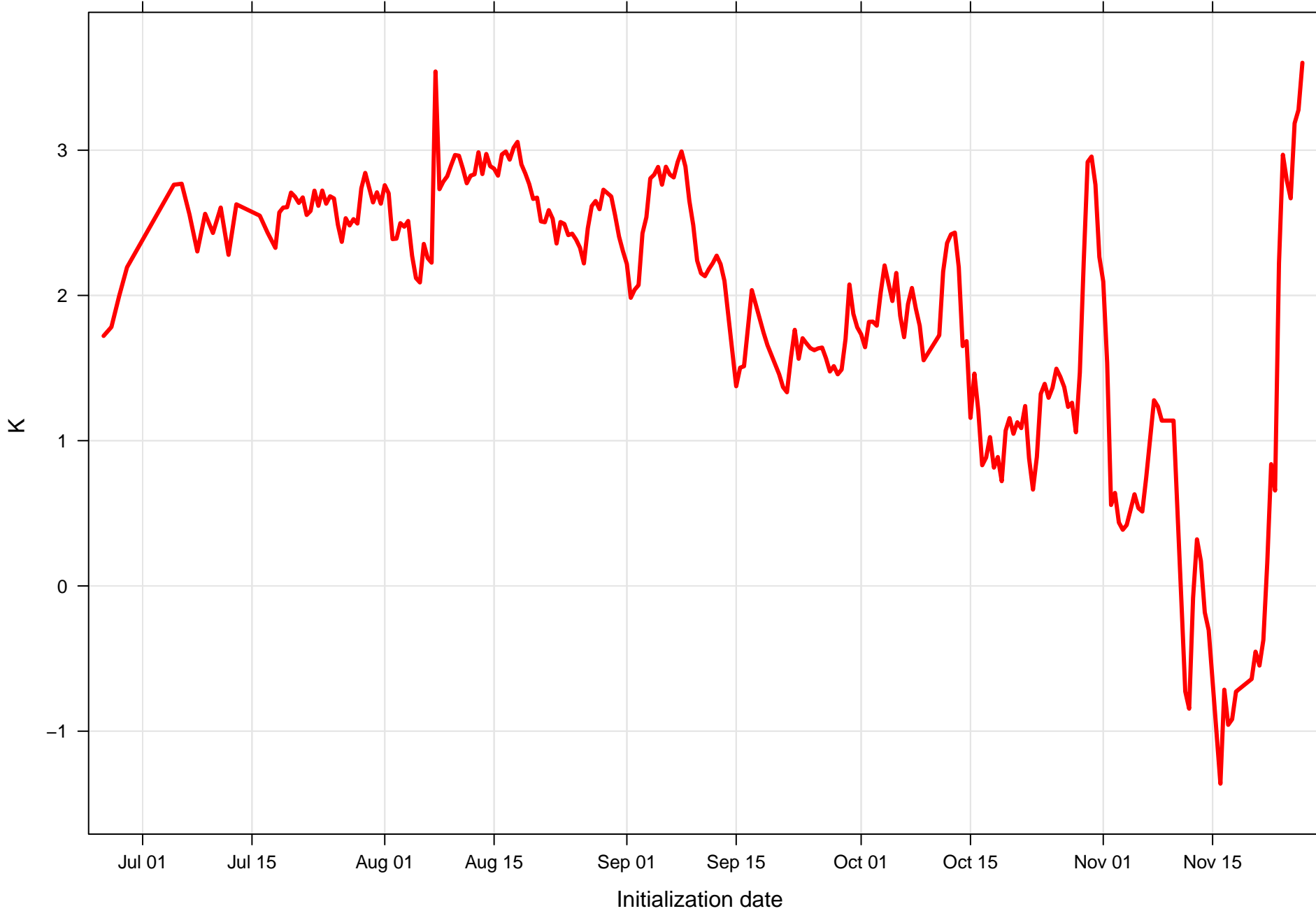
Surface temperature bias at KEYW all forecast hours and members



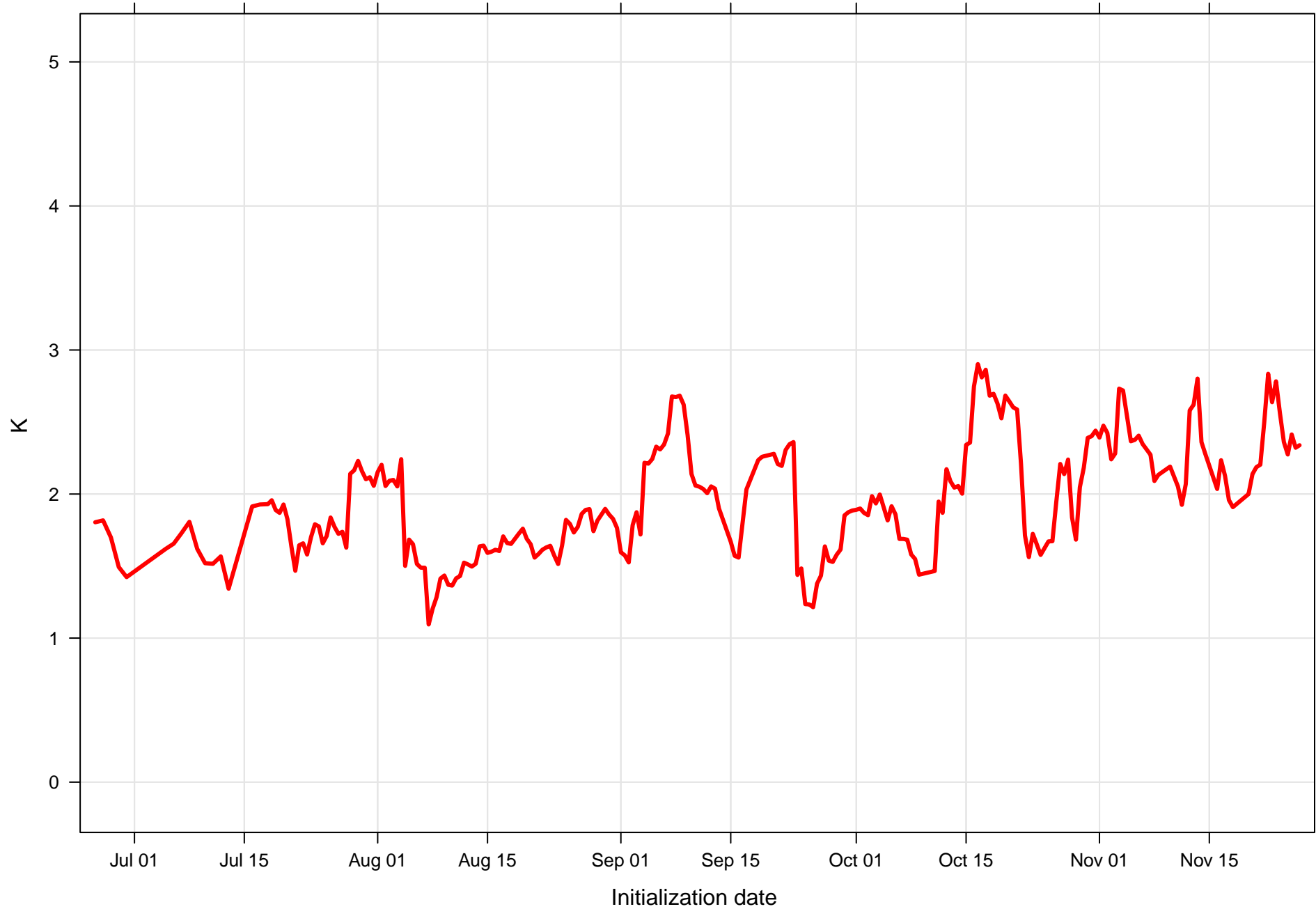
Surface temperature RMSE at KEYW all forecast hours and members



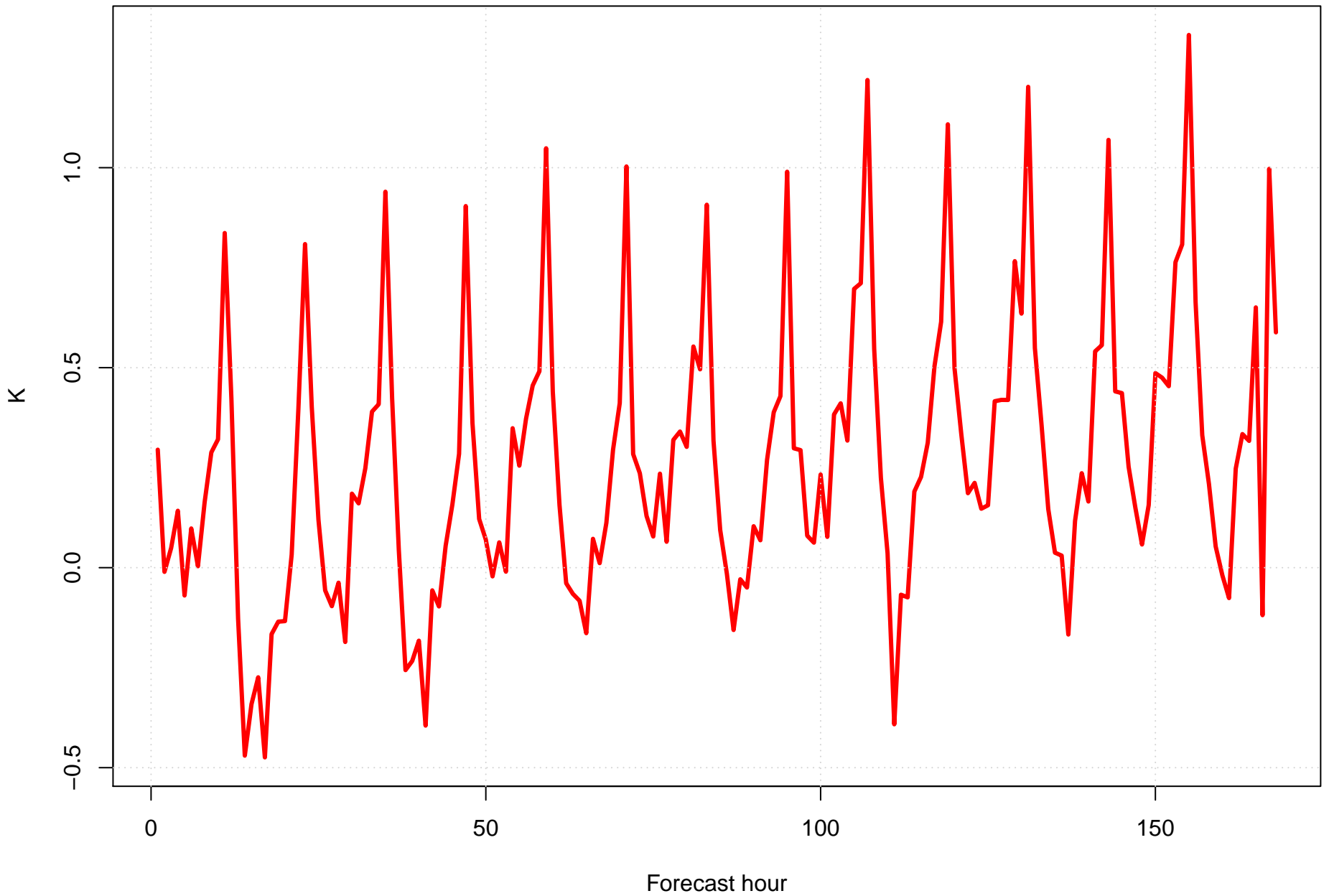
Surface dew point bias at KEYW all forecast hours and members



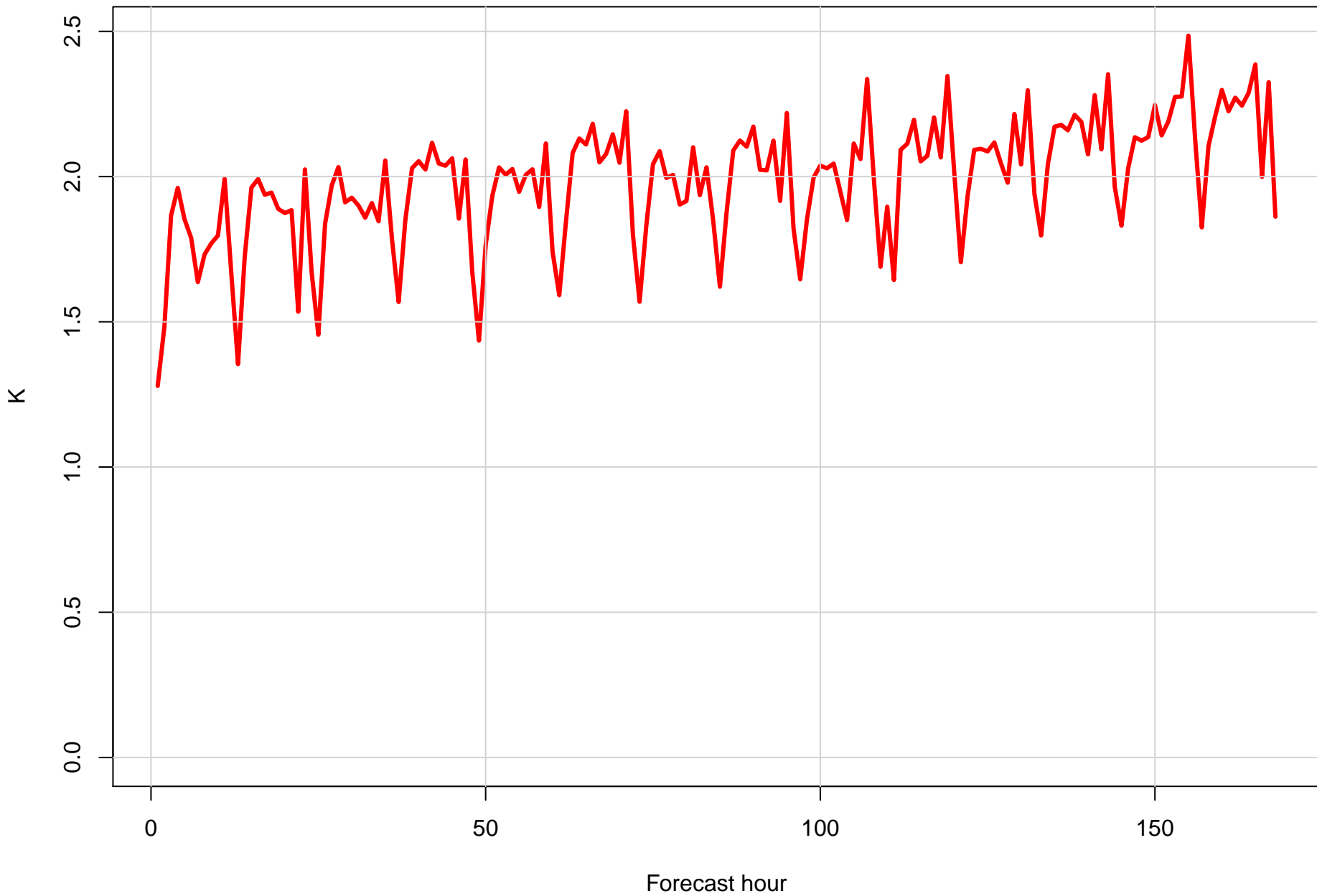
Surface dew point RMSE at KEYW all forecast hours and members



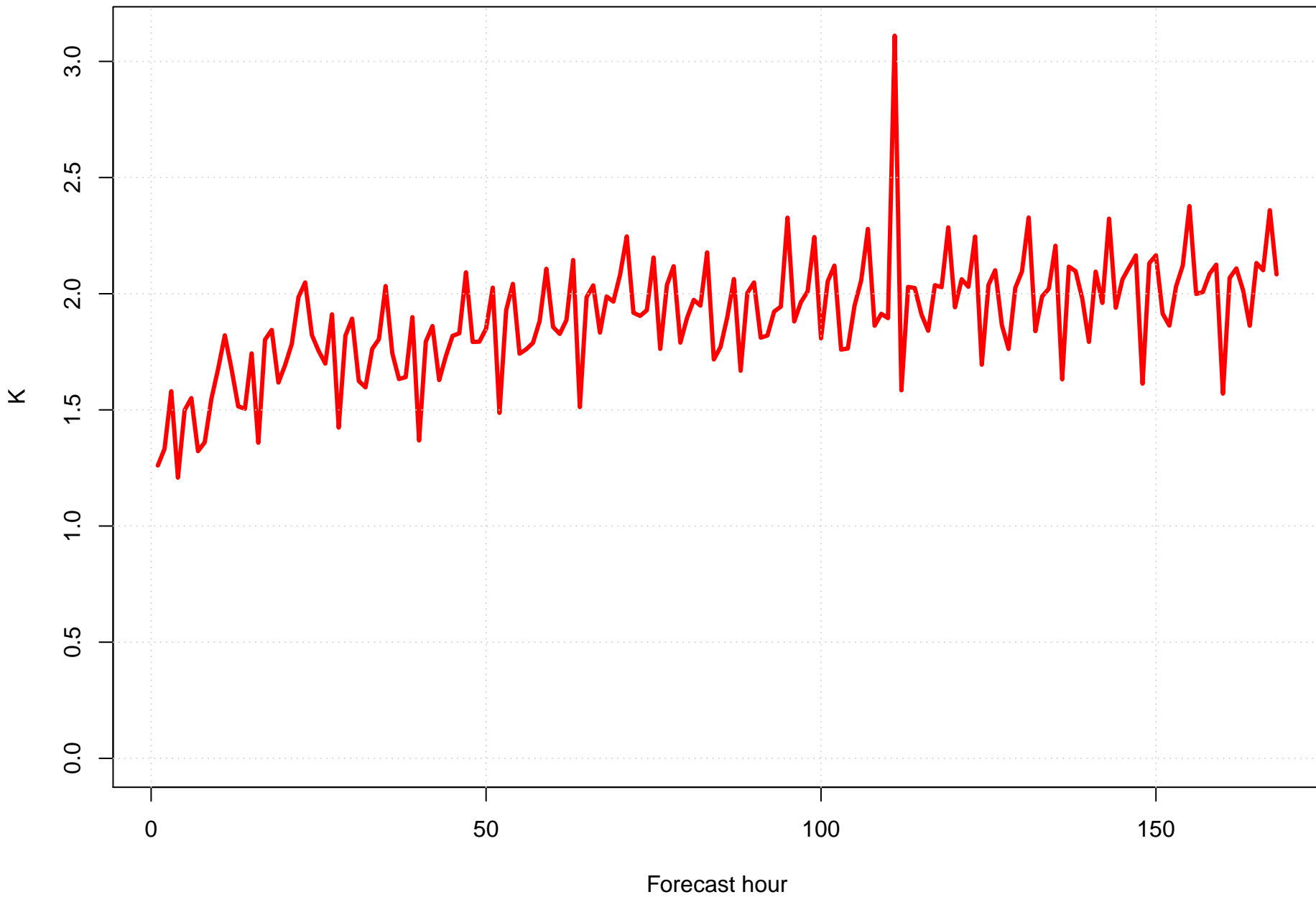
Surface temperature bias at KEYW by forecast hour



Surface temperature RMSE at KEYW by forecast hour



Surface dew point bias at KEYW by forecast hour



Surface dew point RMSE at KEYW by forecast hour

