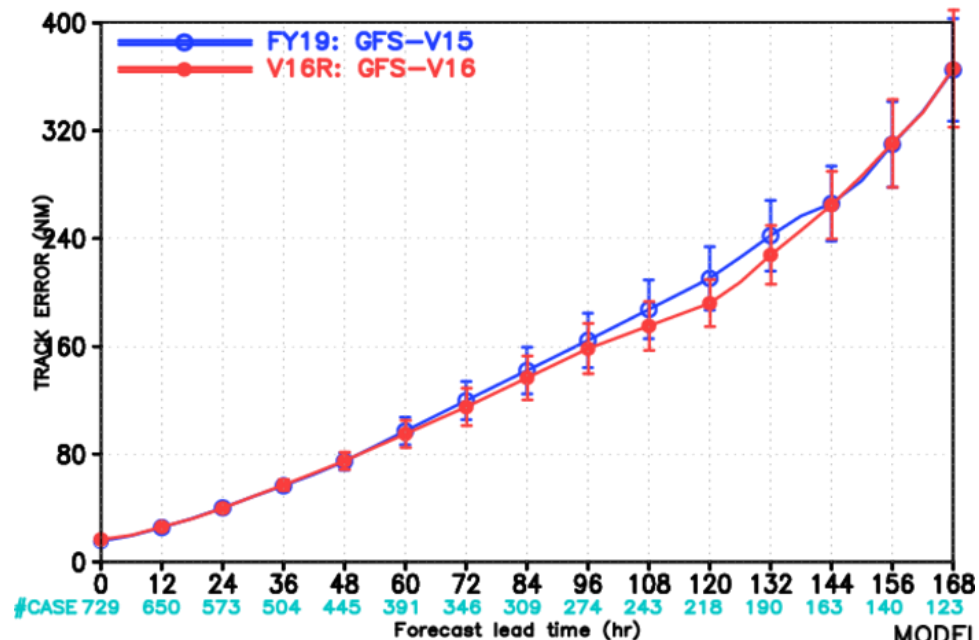
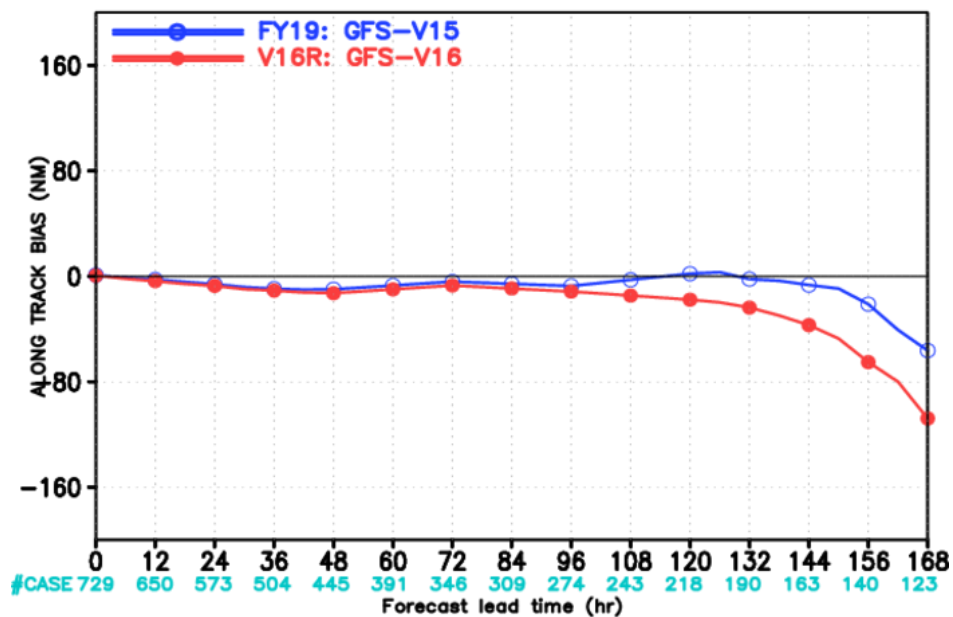


GFS-v16 TC track verification

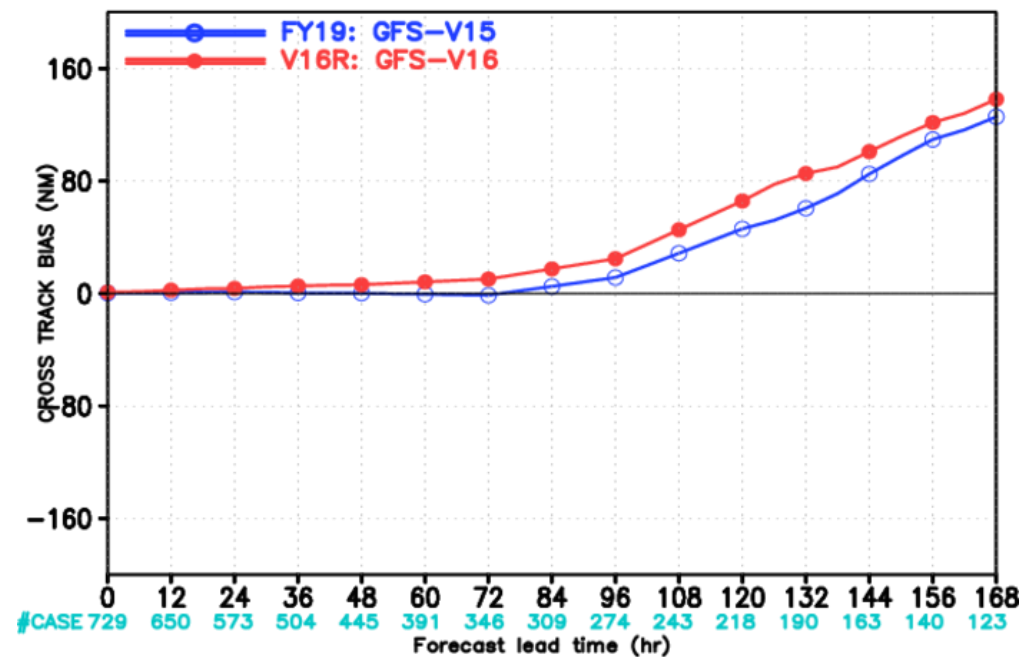
MODEL FORECAST – TRACK ERROR (NM) STATISTICS
GFS V16/V15 Atlantic 2018–2020



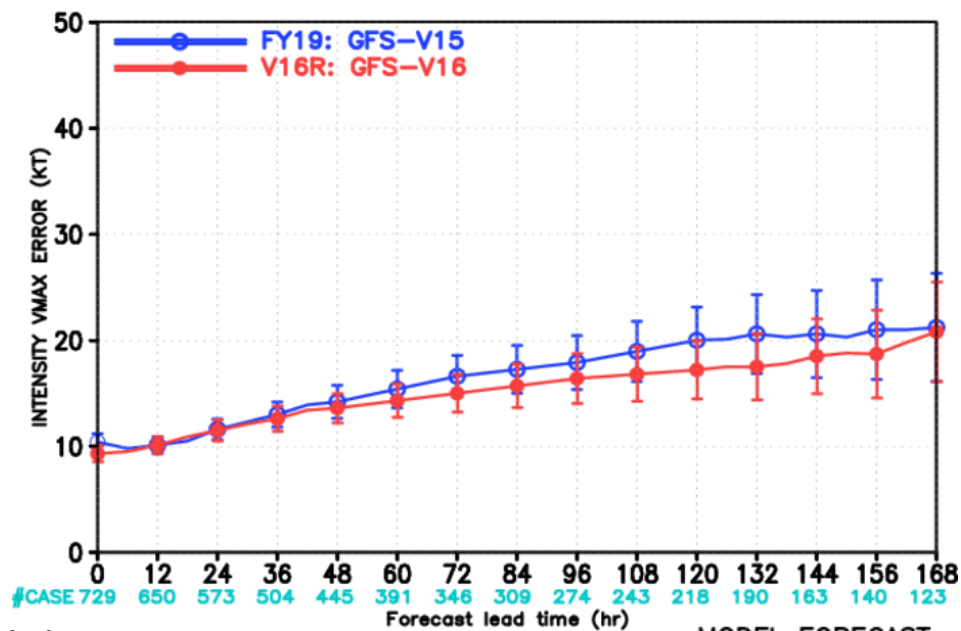
MODEL FORECAST – ALONG TRACK BIAS (NM) STATISTICS
GFS V16/V15 Atlantic 2018–2020



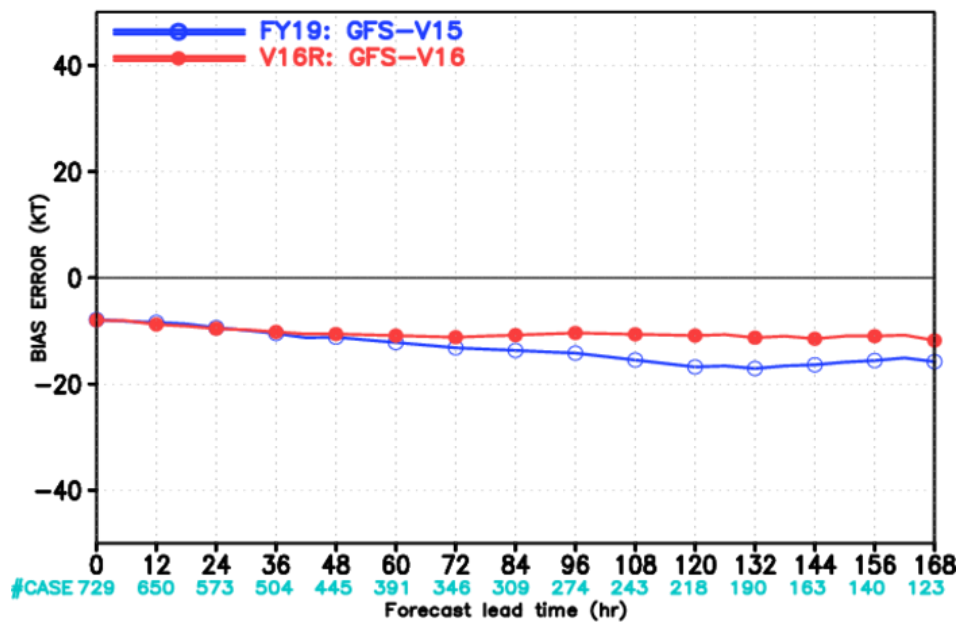
MODEL FORECAST – CROSS TRACK BIAS (NM) STATISTICS
GFS V16/V15 Atlantic 2018–2020



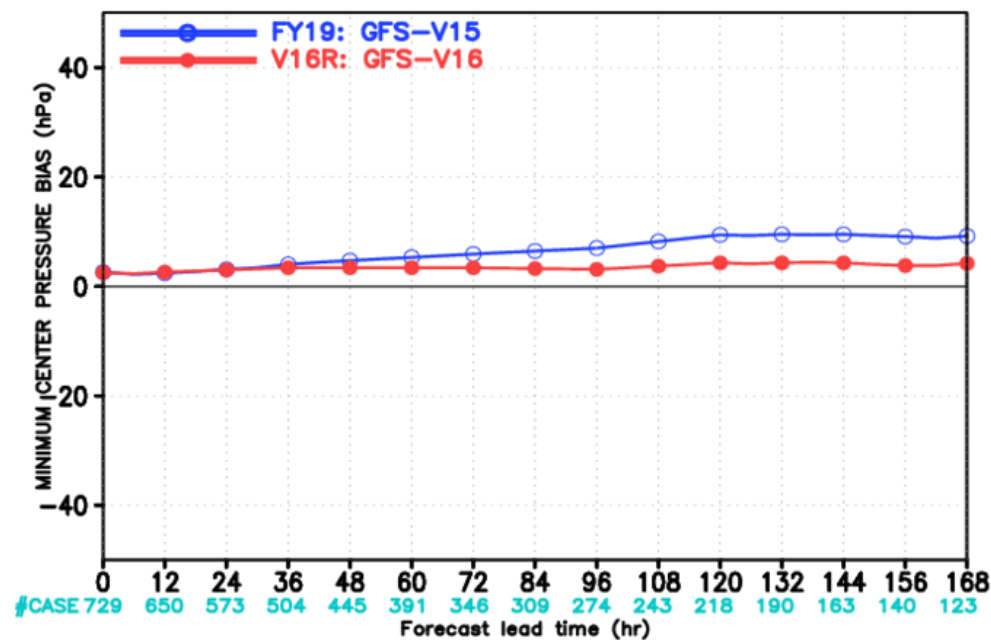
MODEL FORECAST – INTENSITY VMAXERROR (KT) STATISTICS
GFS V16/V15 Atlantic 2018–2020



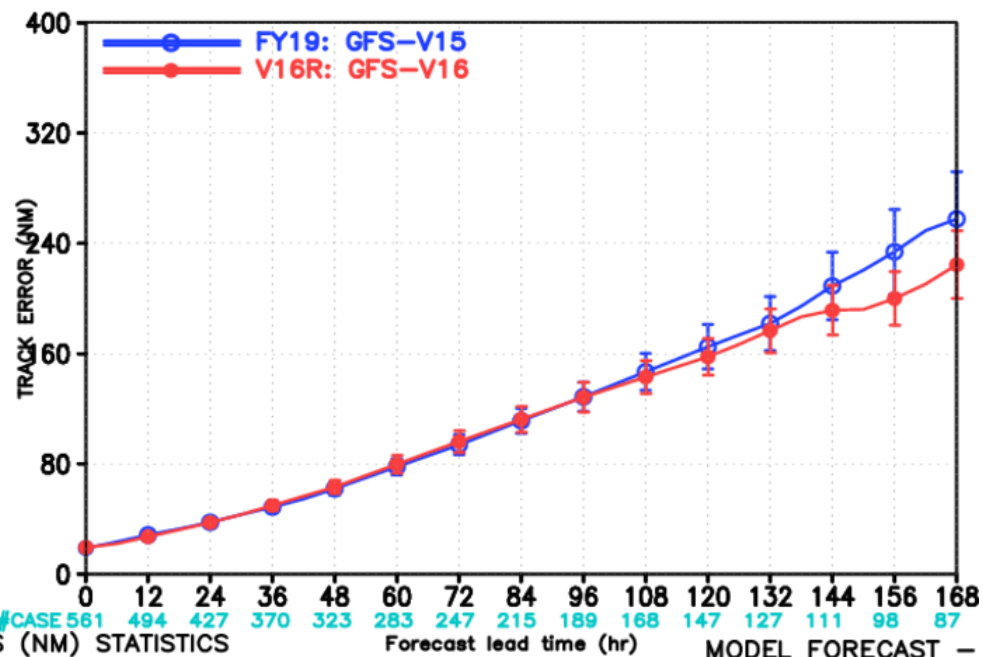
MODEL FORECAST – BIAS ERROR (KT) STATISTICS
GFS V16/V15 Atlantic 2018–2020



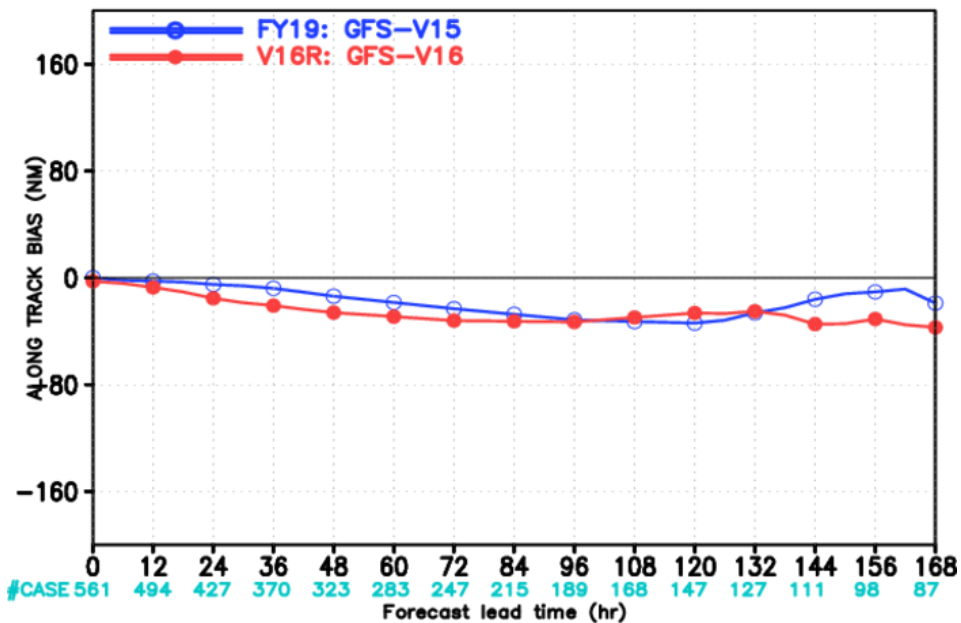
MODEL FORECAST – MINIMUM CENTER PRESSURE BIAS (hPa) STATISTICS
GFS V16/V15 Atlantic 2018–2020



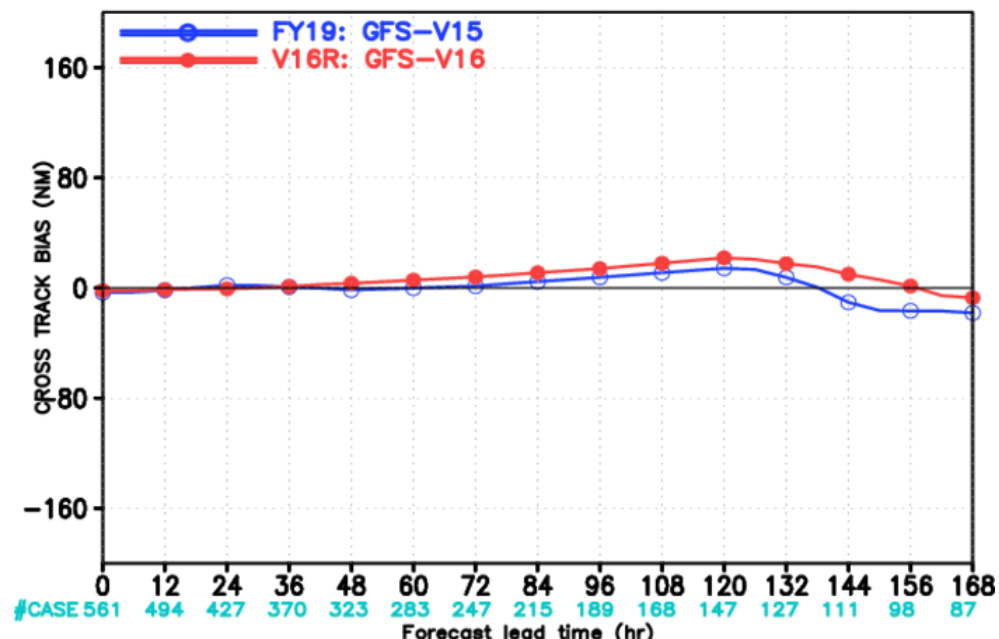
MODEL FORECAST – TRACK ERROR (NM) STATISTICS
GFS V16/V15 East Pacific 2018–2020



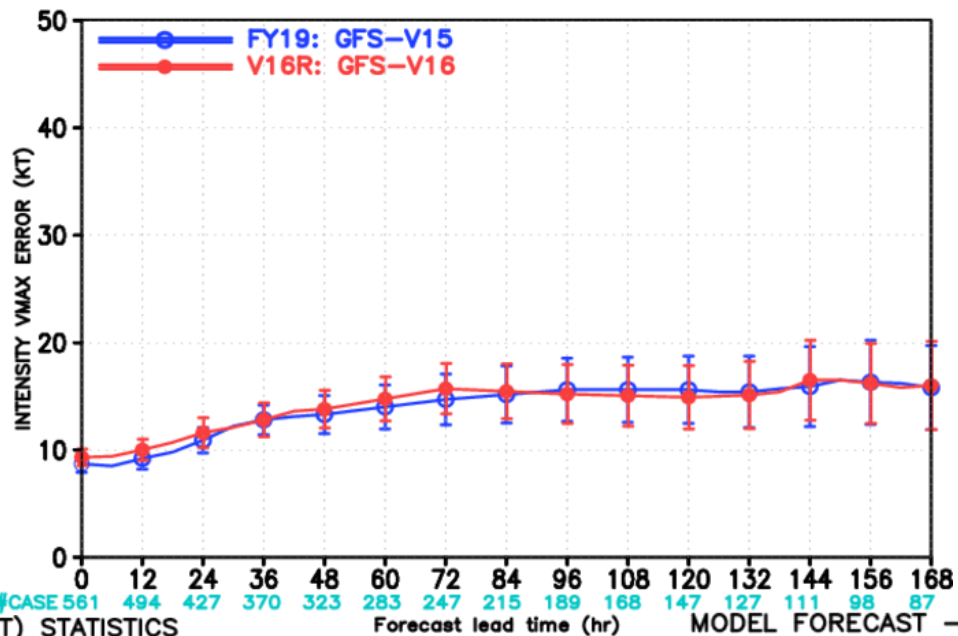
MODEL FORECAST – ALONG TRACK BIAS (NM) STATISTICS
GFS V16/V15 East Pacific 2018–2020



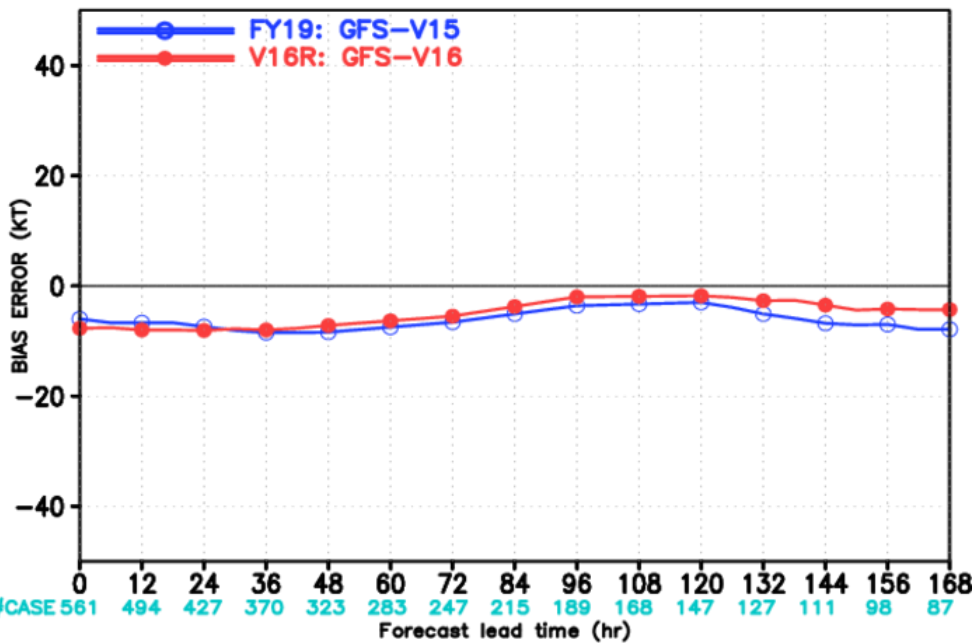
MODEL FORECAST – CROSS TRACK BIAS (NM) STATISTICS
GFS V16/V15 East Pacific 2018–2020



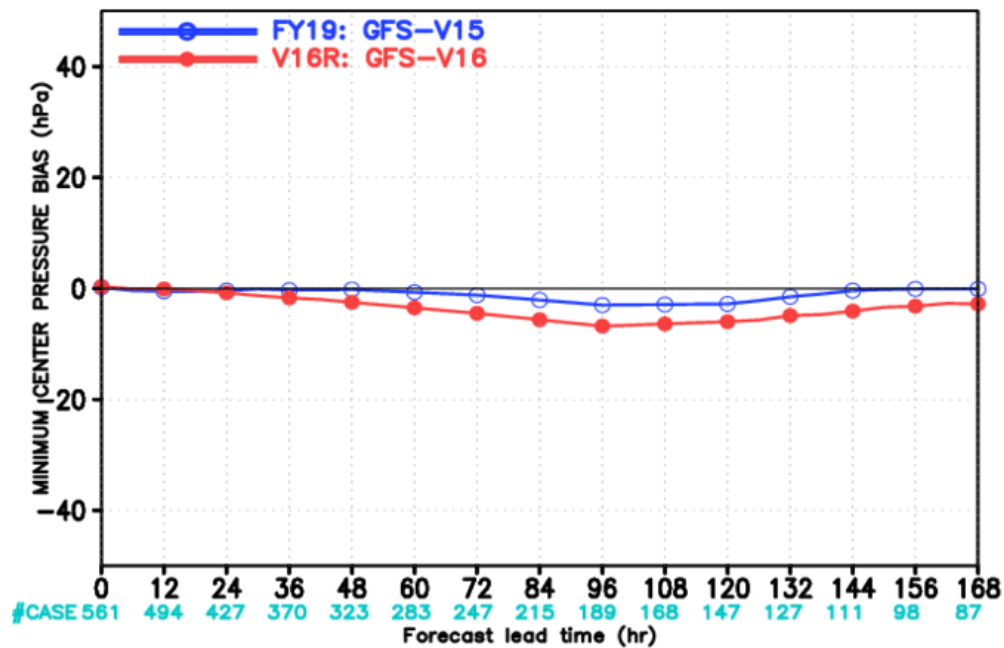
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GFS V16/V15 East Pacific 2018–2020



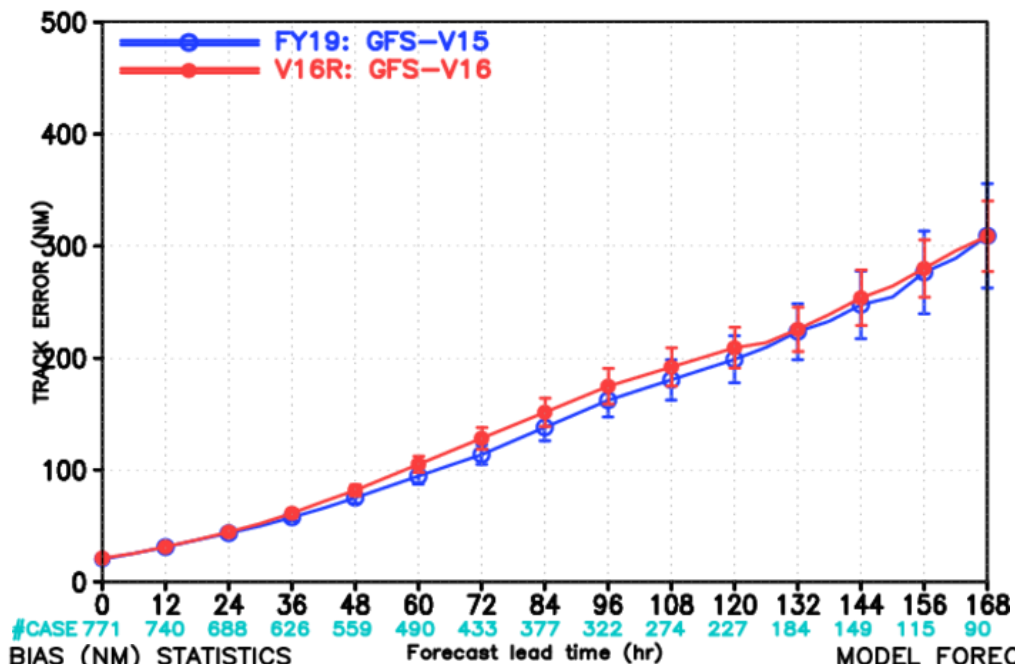
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GFS V16/V15 East Pacific 2018–2020



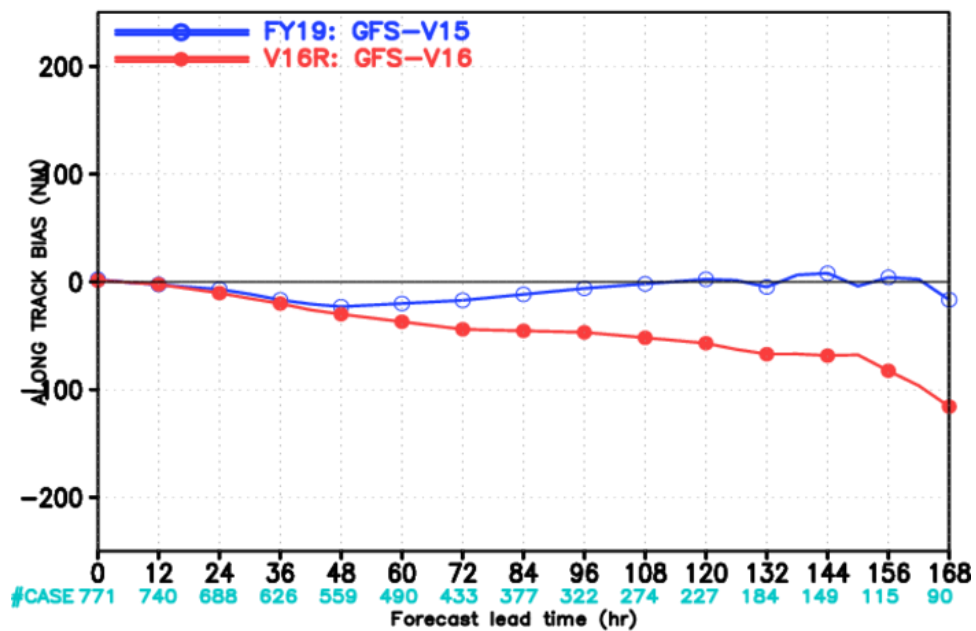
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GFS V16/V15 East Pacific 2018–2020



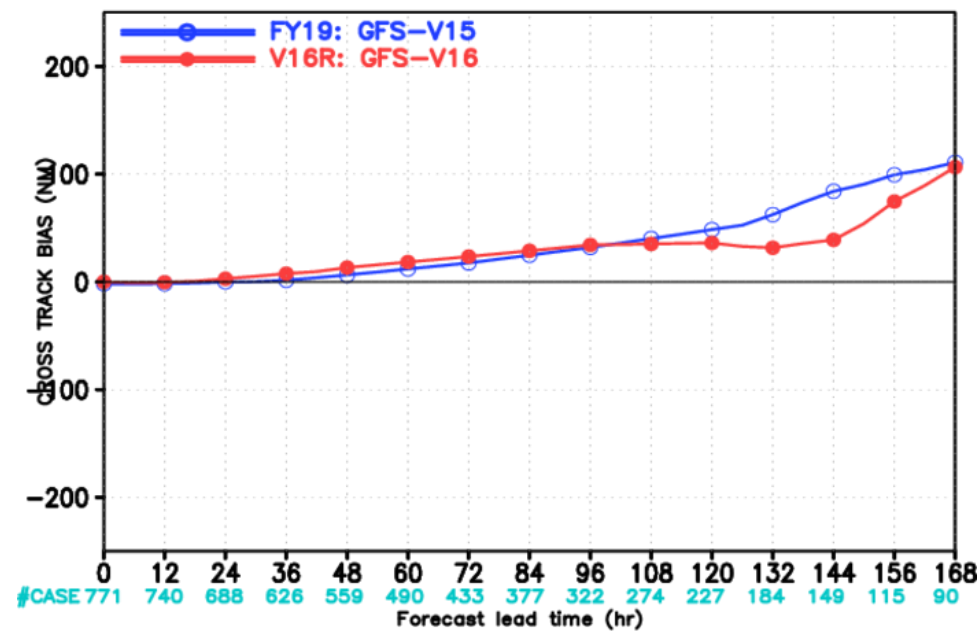
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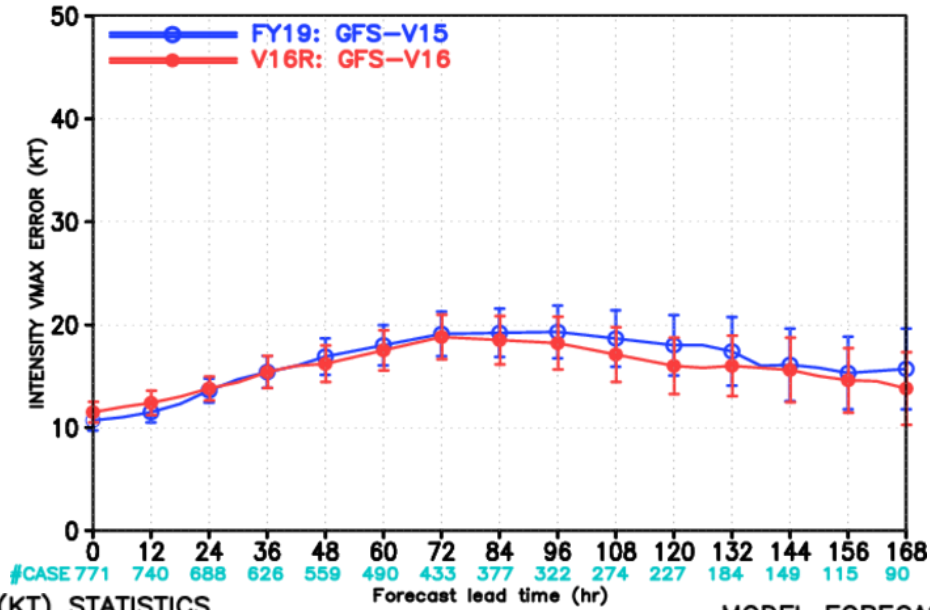
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GFS V16/V15 West Pacific 2018–2020



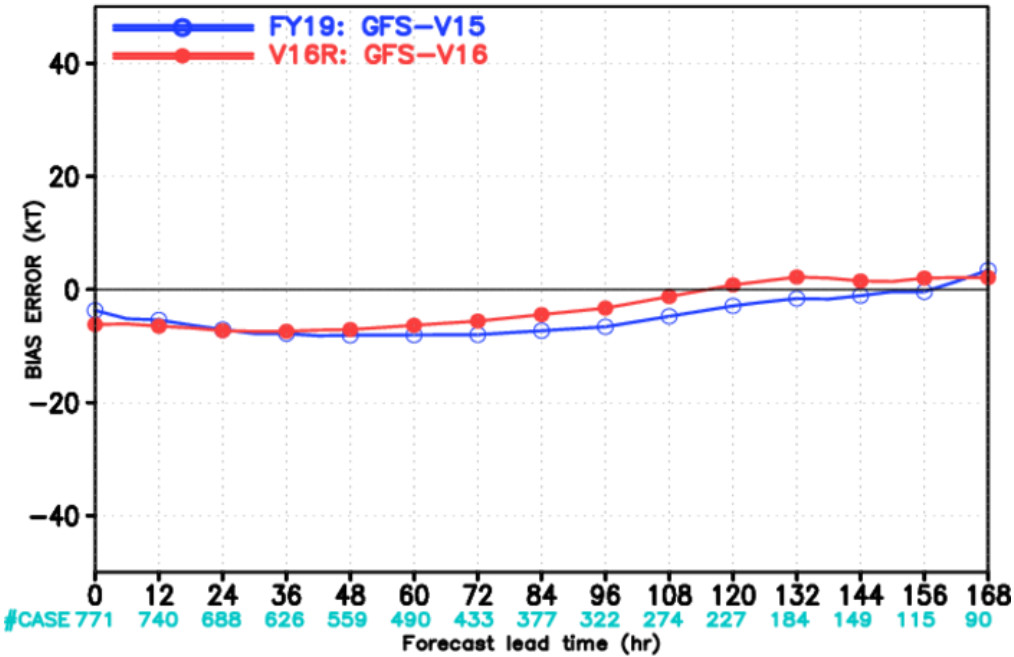
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GFS V16/V15 West Pacific 2018–2020



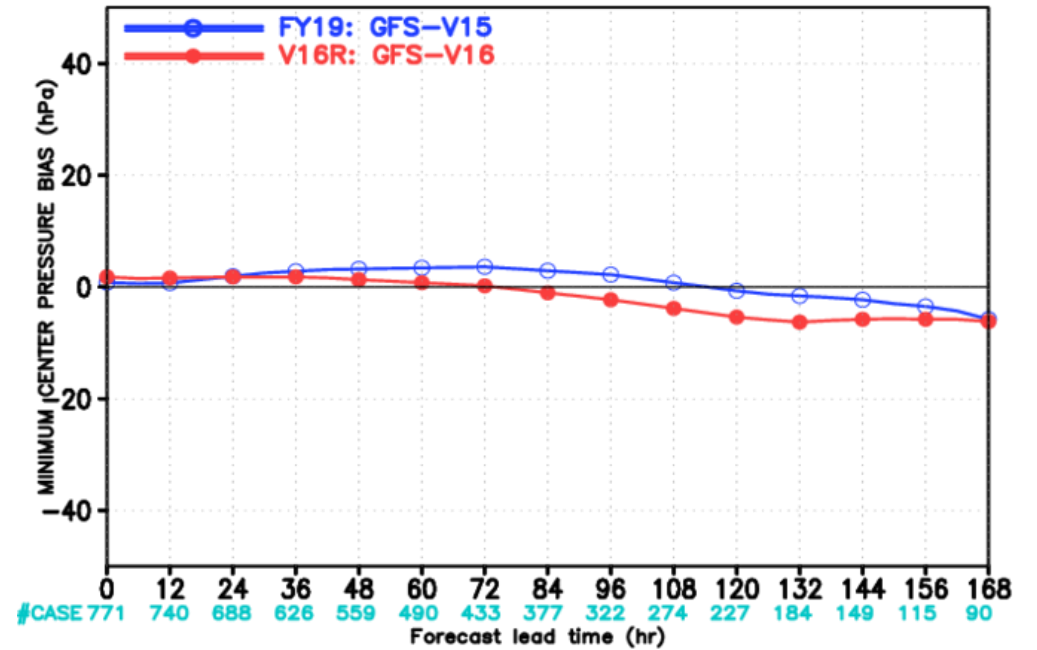
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GFS V16/V15 West Pacific 2018–2020



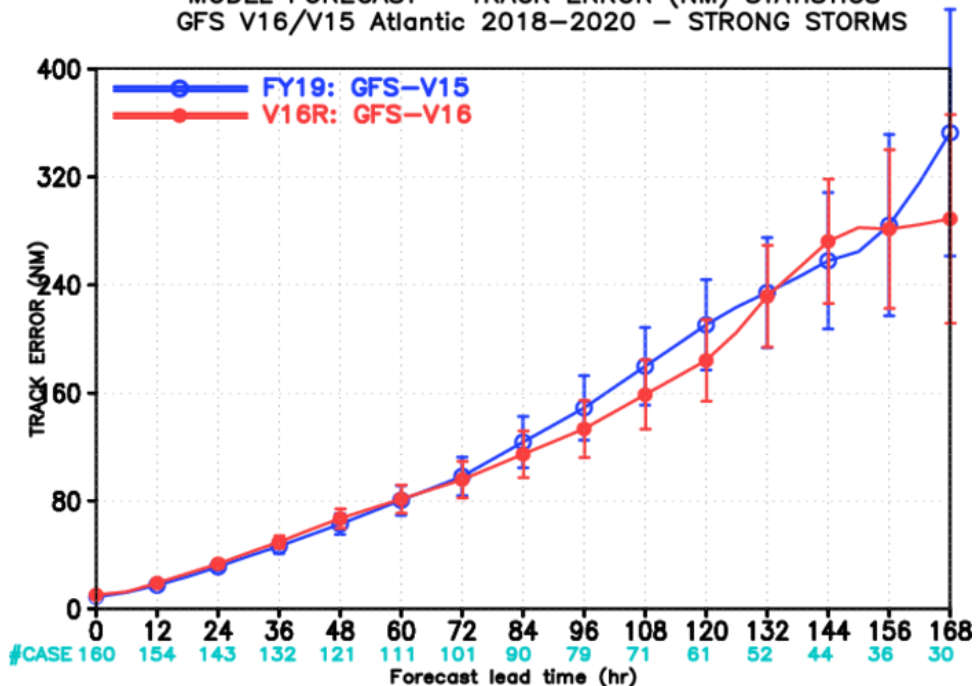
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GFS V16/V15 West Pacific 2018–2020



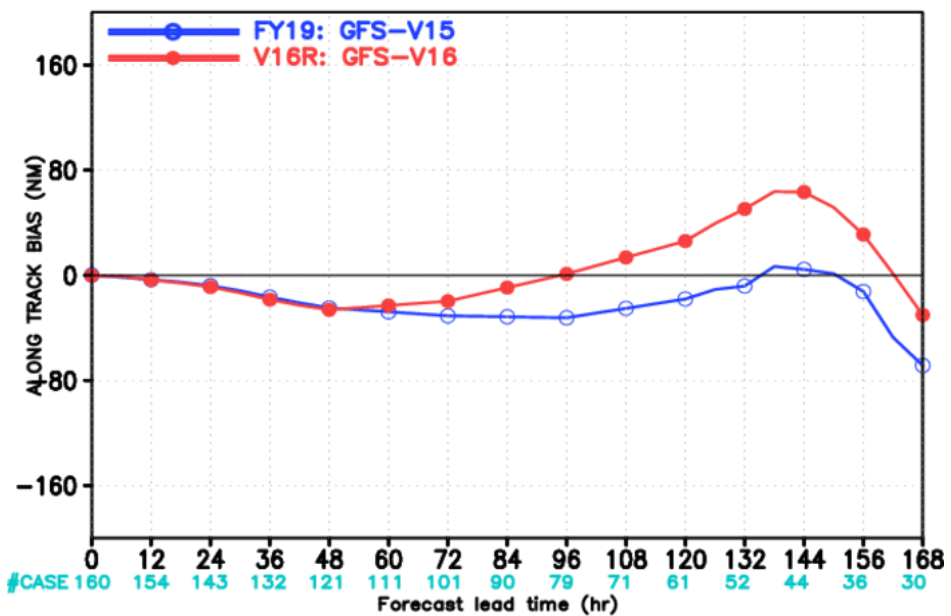
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GFS V16/V15 West Pacific 2018–2020



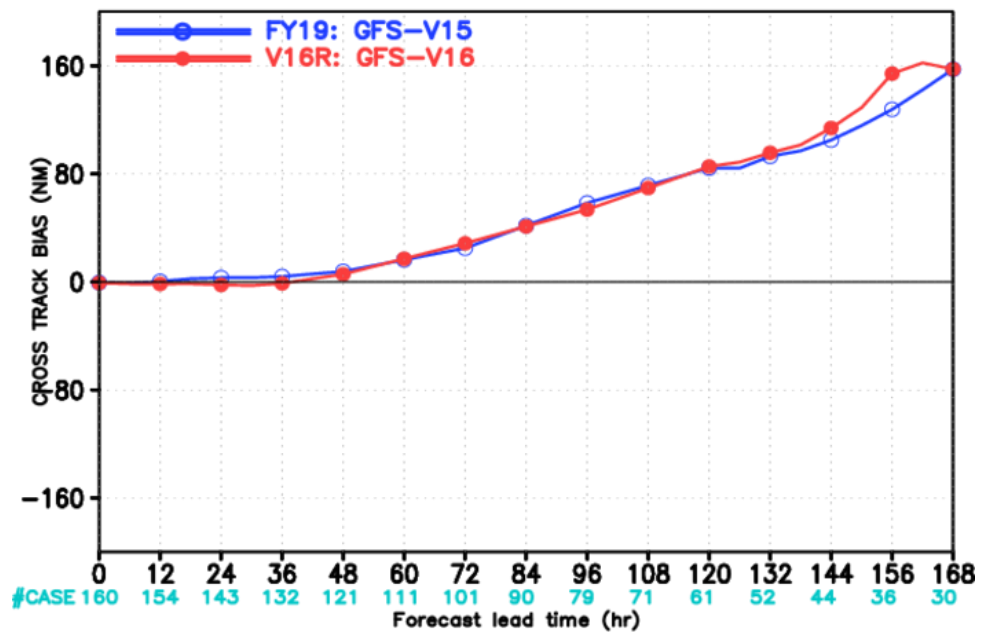
MODEL FORECAST – TRACK ERROR (NM) STATISTICS
 GFS V16/V15 Atlantic 2018–2020 – STRONG STORMS



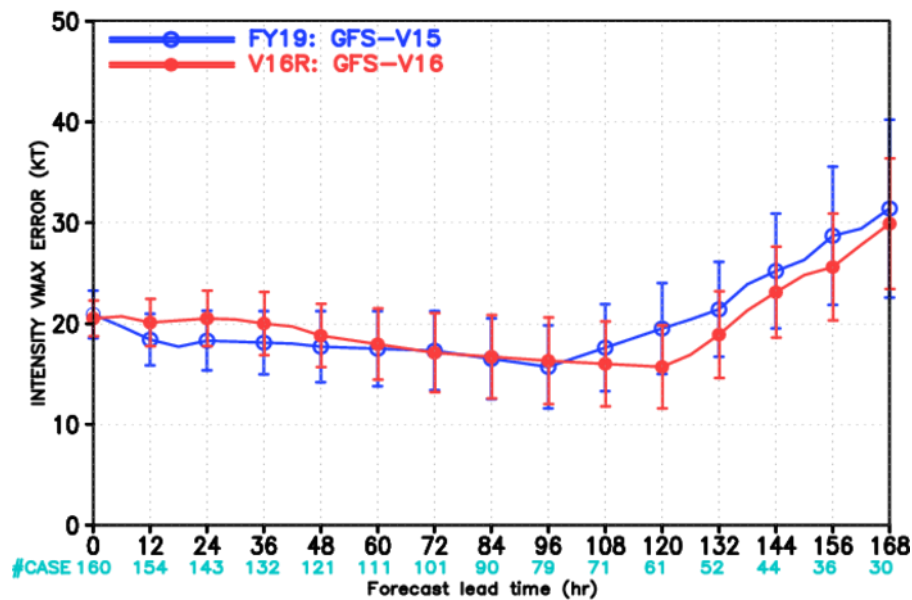
MODEL FORECAST – ALONG TRACK BIAS (NM) STATISTICS
 GFS V16/V15 Atlantic 2018–2020 – STRONG STORMS



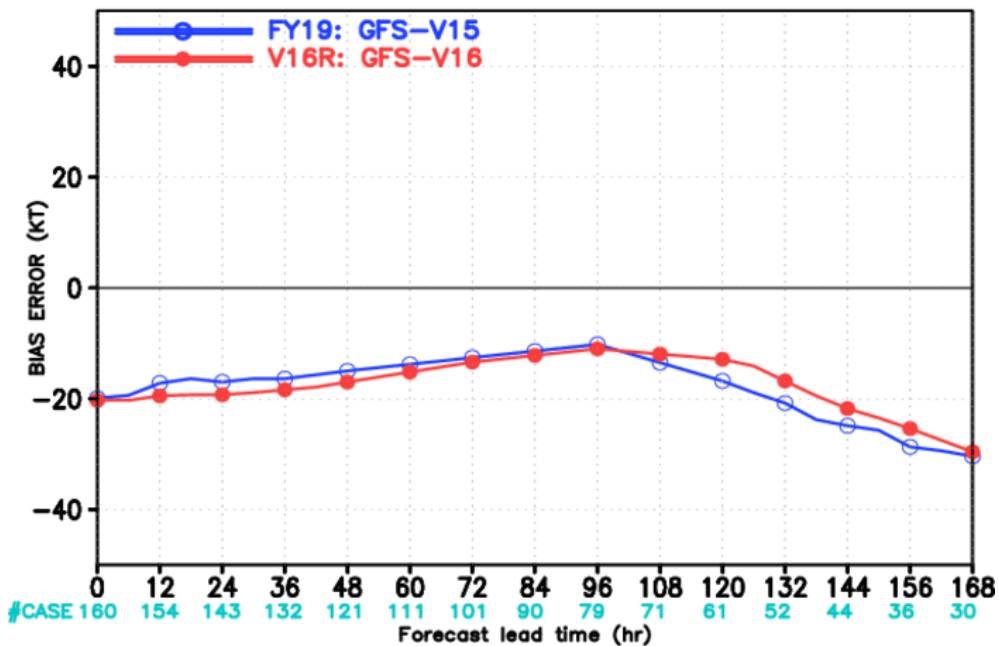
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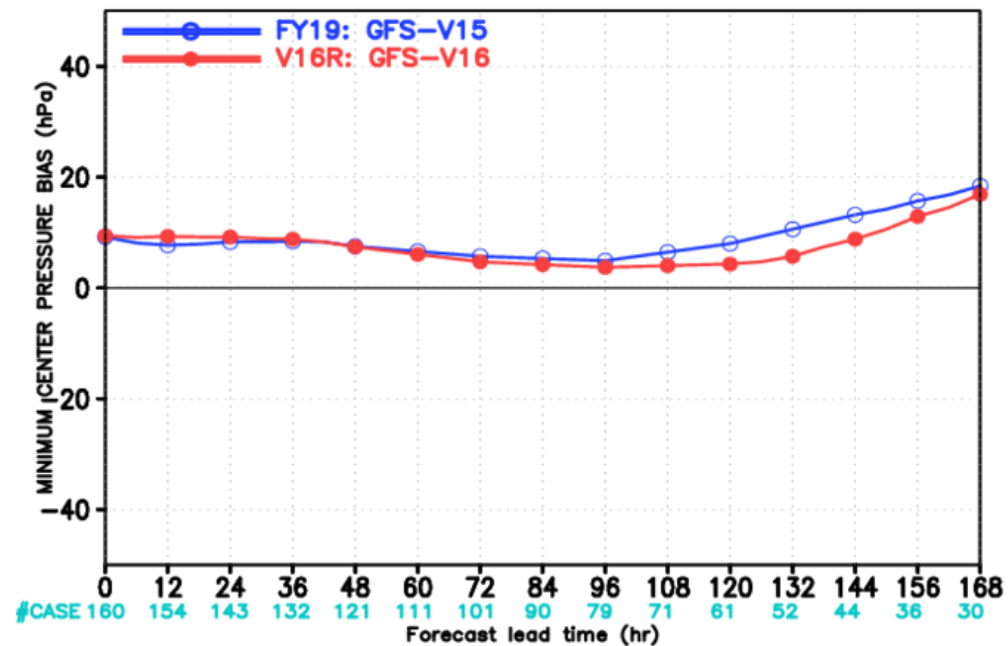
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 GFS V16/V15 Atlantic 2018–2020 – STRONG STORMS



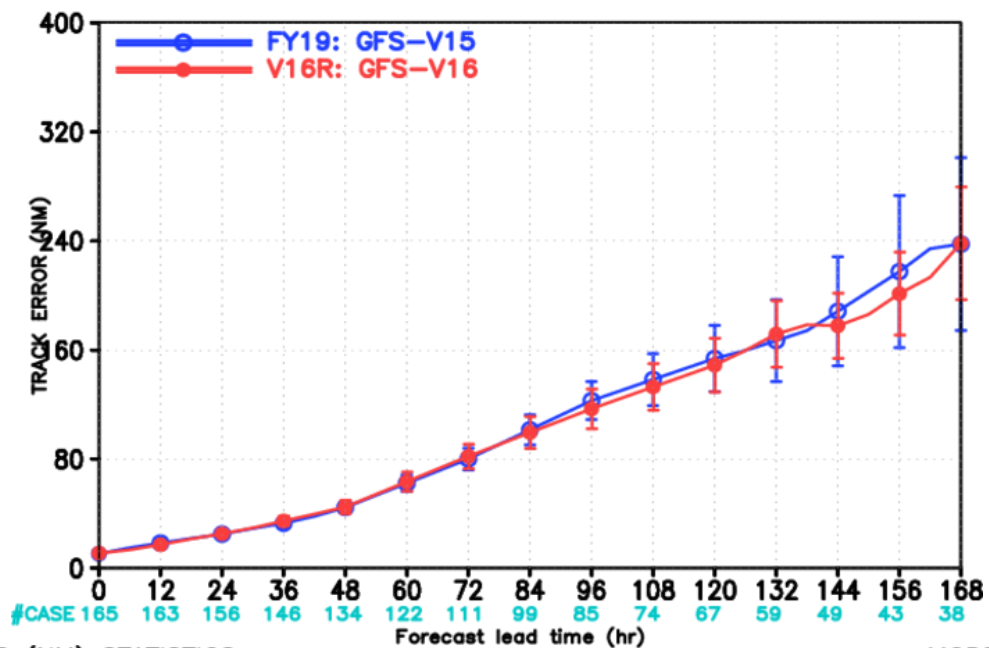
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 GFS V16/V15 Atlantic 2018–2020 – STRONG STORMS



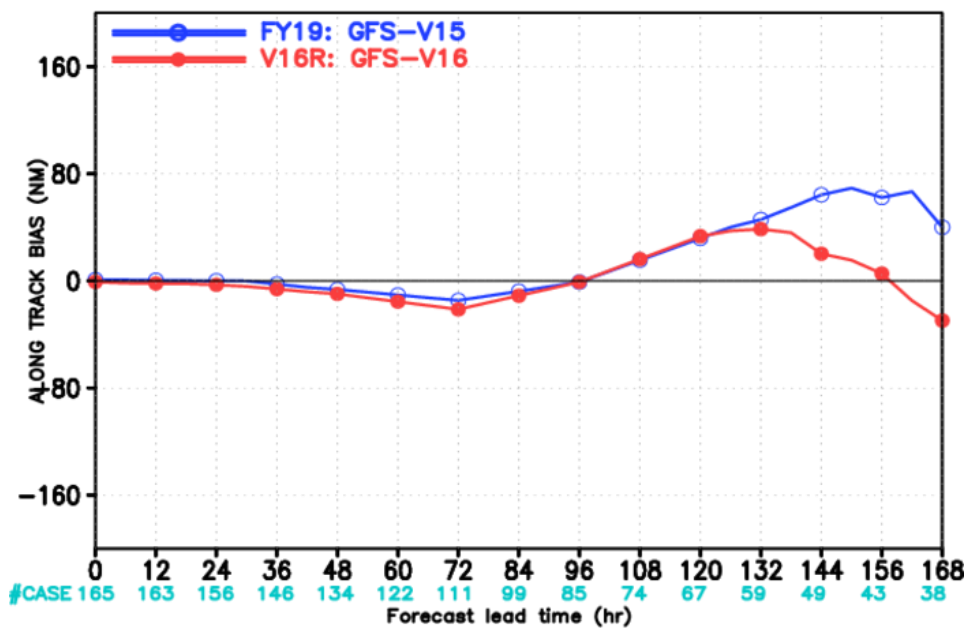
MODEL FORECAST – MINIMUM CENTER PRESSURE BIAS (hPa) STATISTICS
 GFS V16/V15 Atlantic 2018–2020 – STRONG STORMS



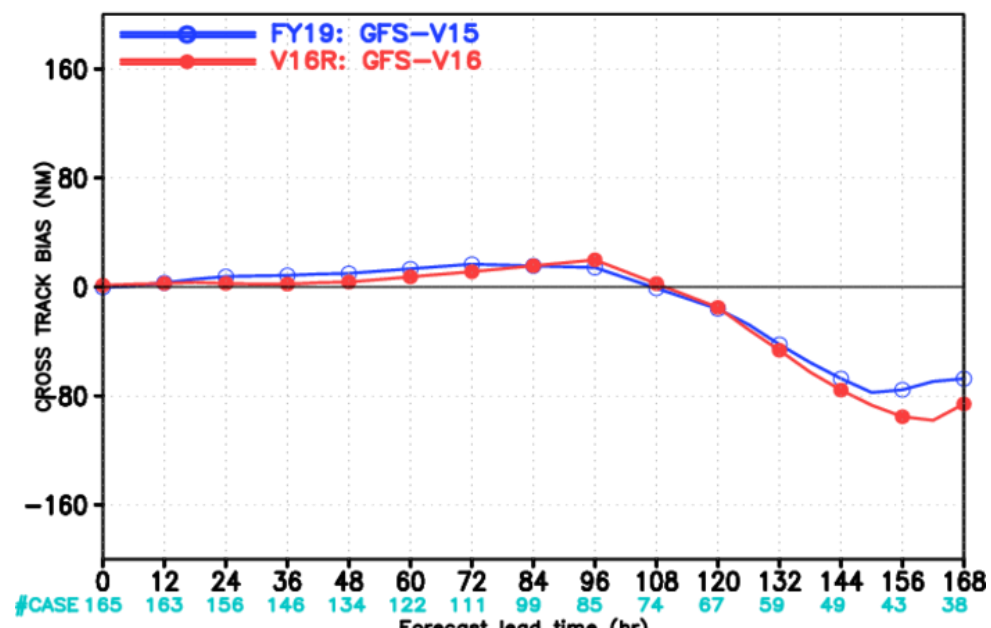
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 GFS V16/V15 East Pacific 2018–2020 – STRONG STORMS



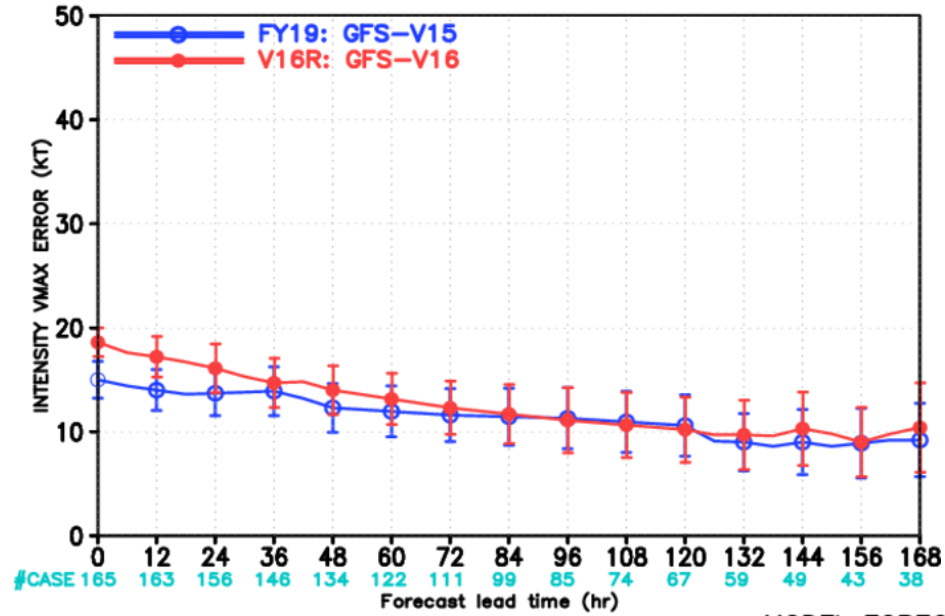
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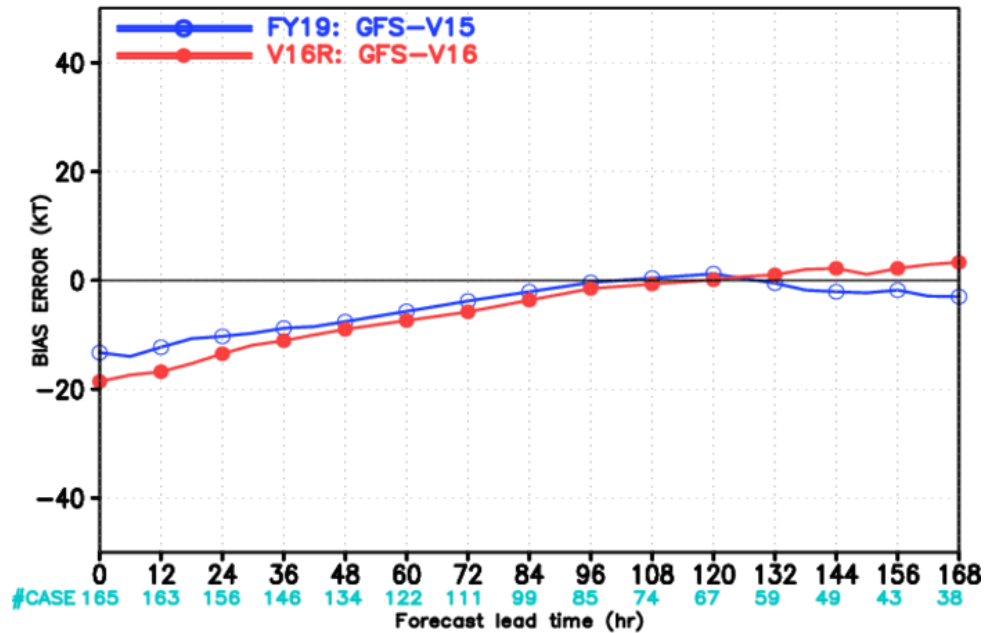
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 GFS V16/V15 East Pacific 2018–2020 – STRONG STORMS



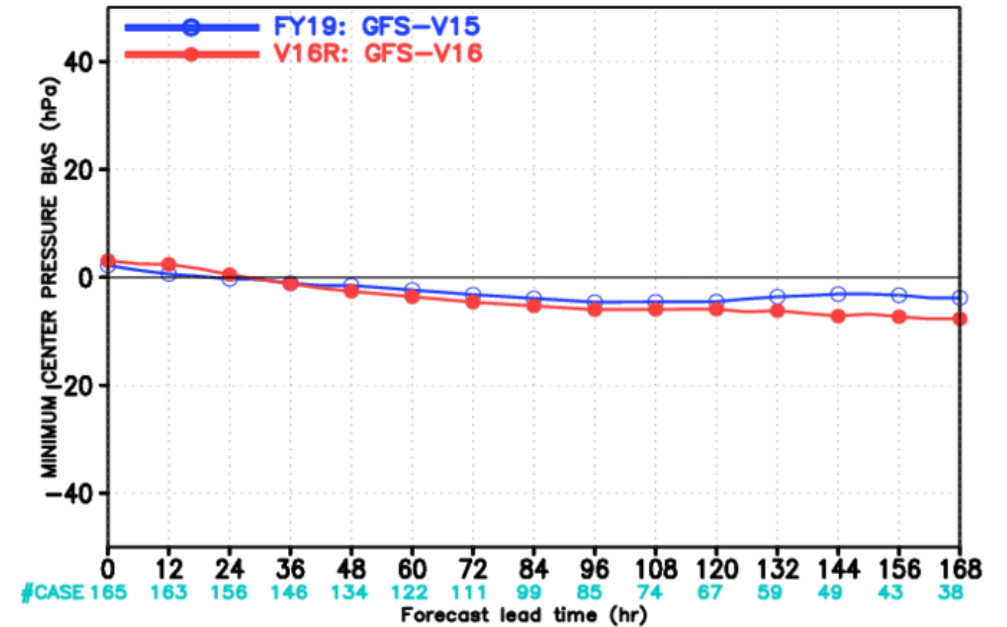
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 GFS V16/V15 East Pacific 2018–2020 – STRONG STORMS



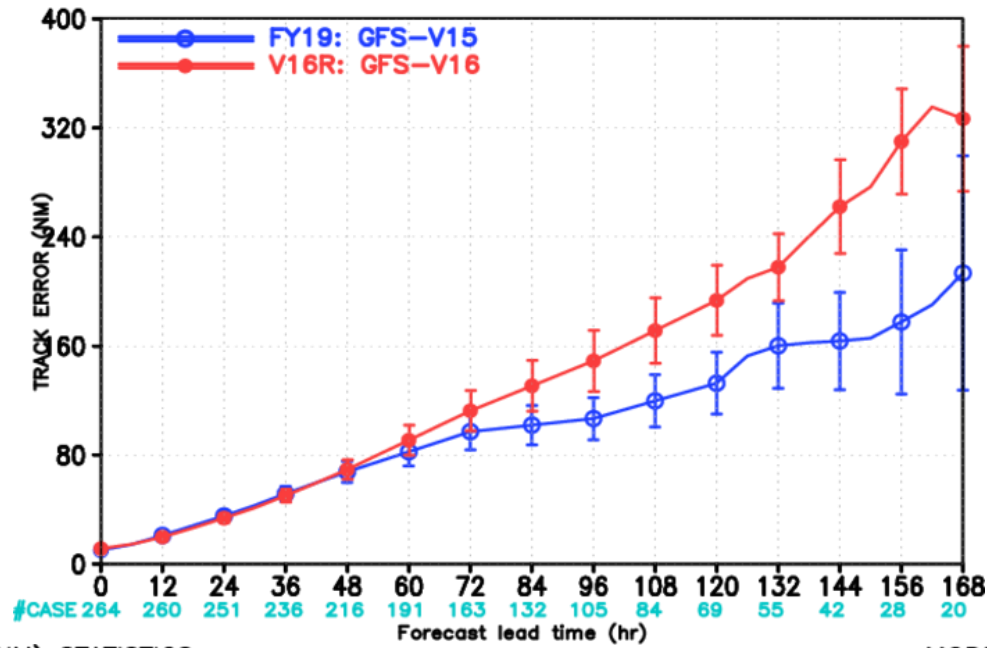
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 GFS V16/V15 East Pacific 2018–2020 – STRONG STORMS



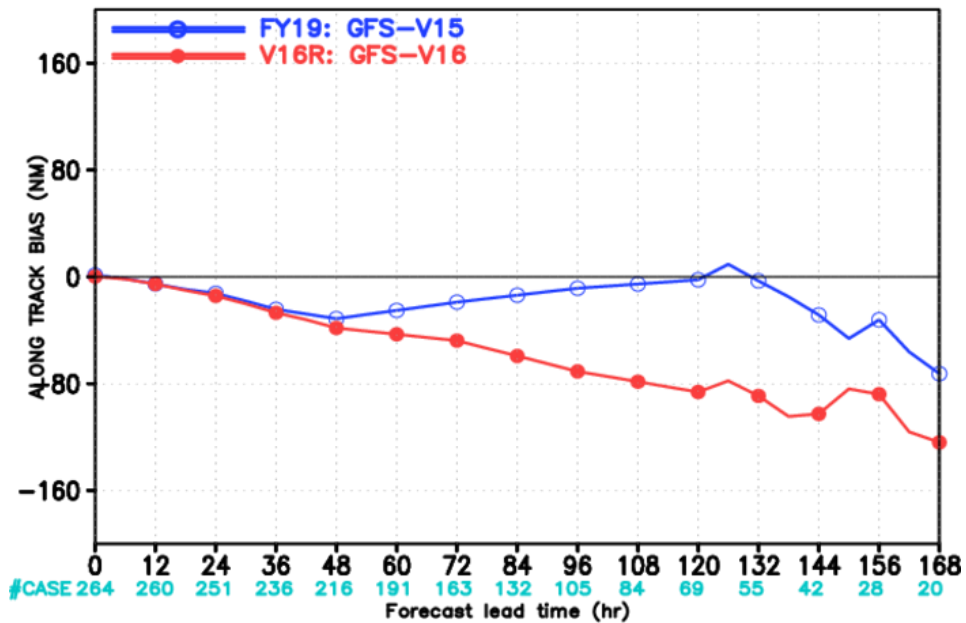
MODEL FORECAST – MINIMUM CENTER PRESSURE BIAS (hPa) STATISTICS
 GFS V16/V15 East Pacific 2018–2020 – STRONG STORMS



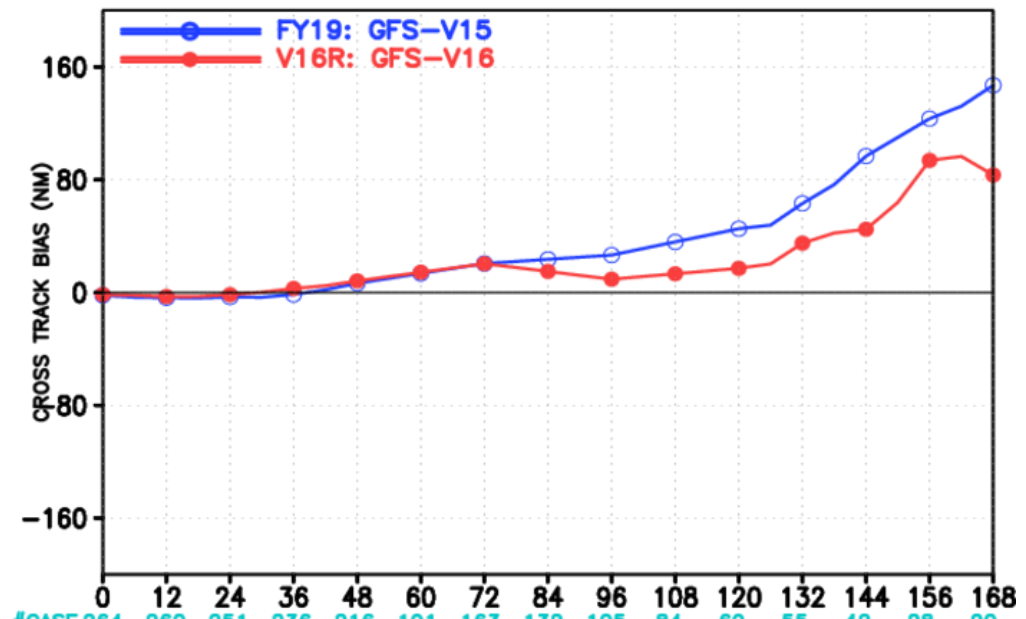
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 GFS V16/V15 West Pacific 2018–2020 – STRONG STORMS



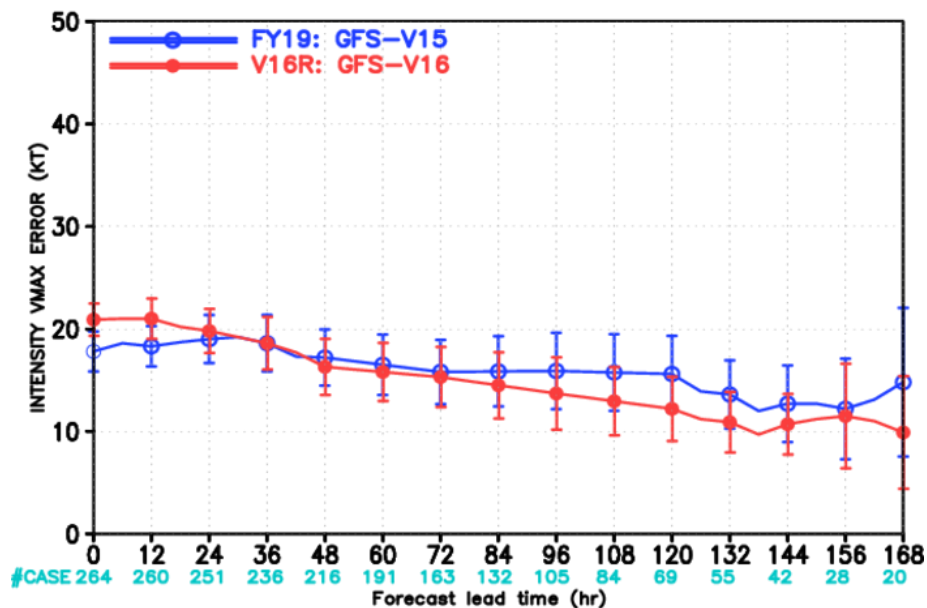
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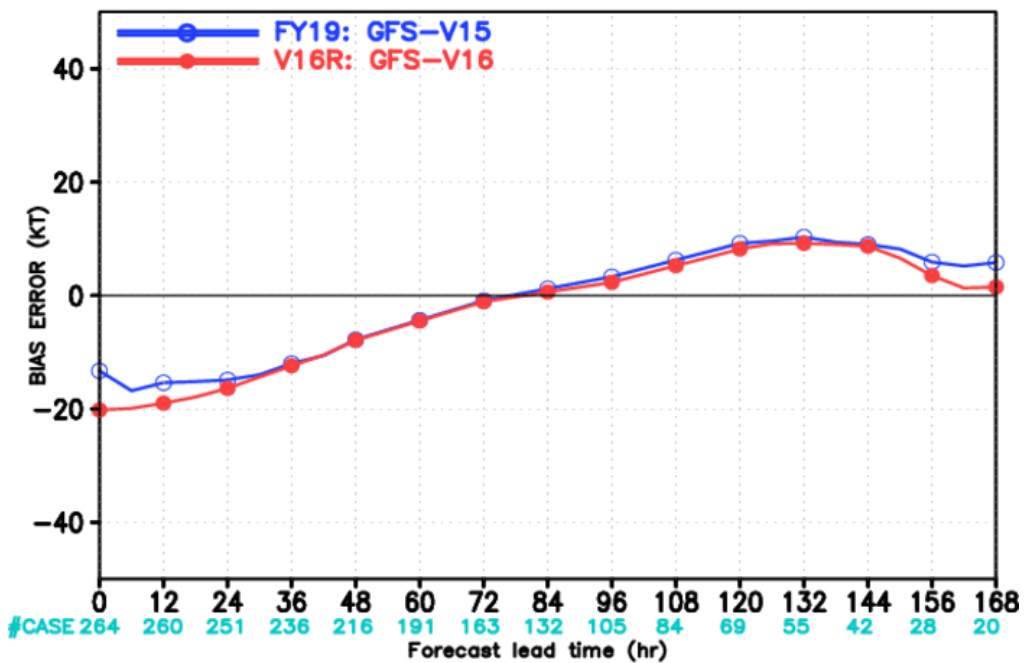
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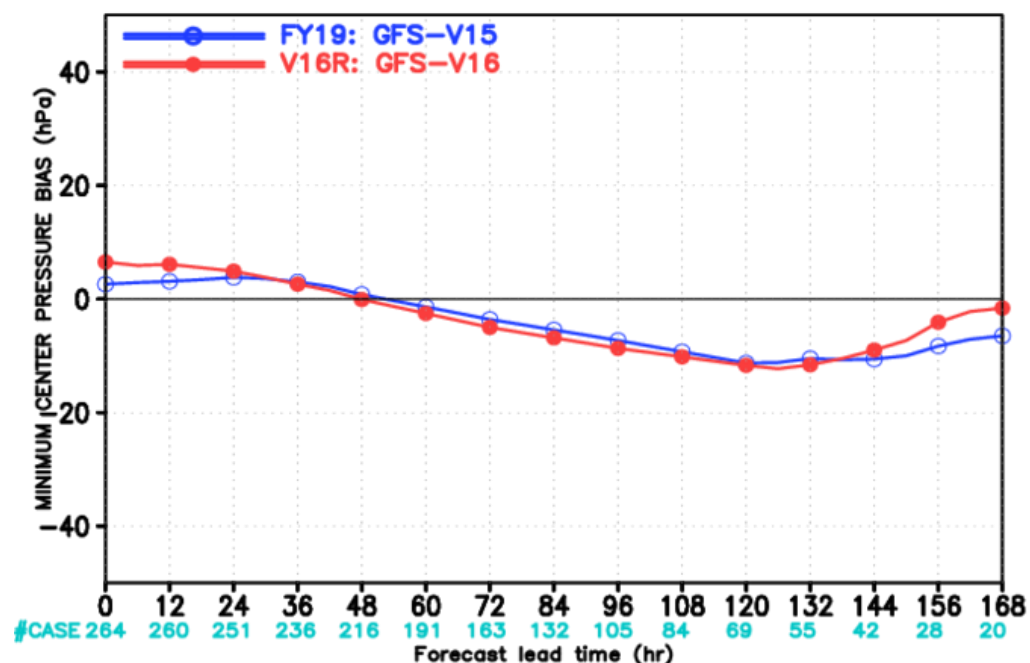
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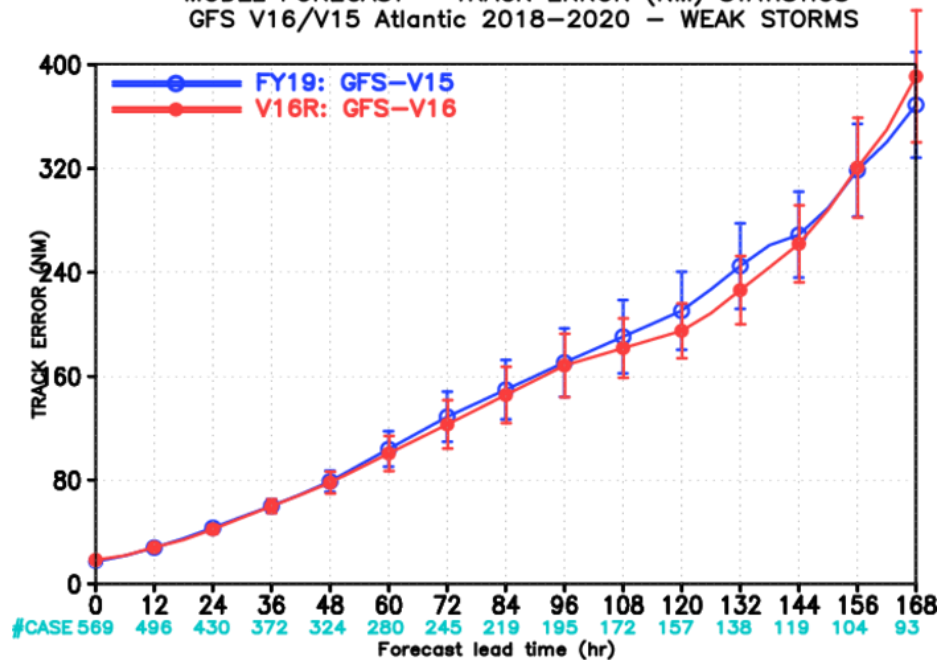
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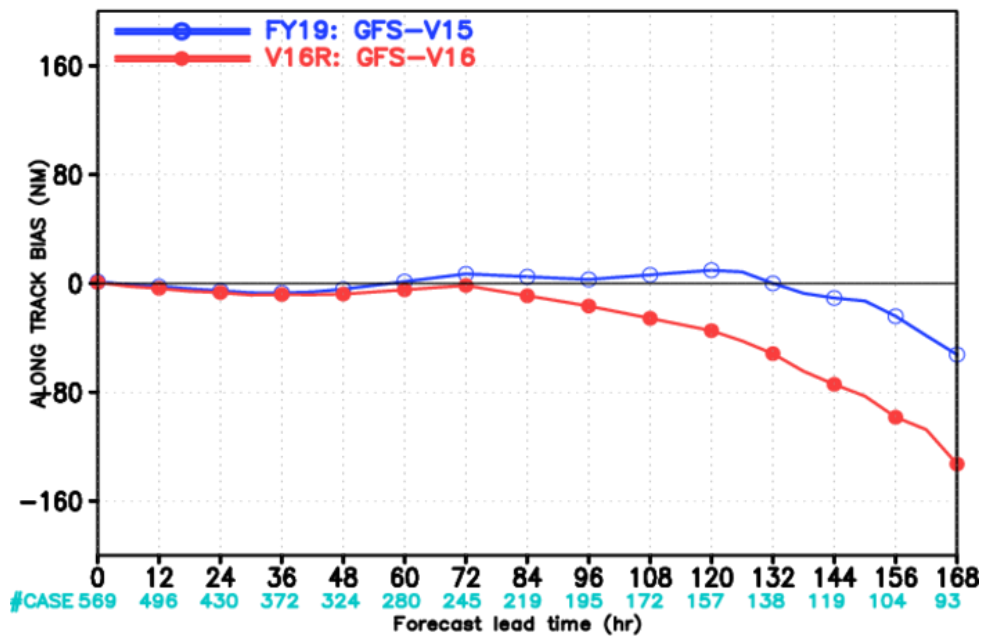
MODEL FORECAST – MINIMUM CENTER PRESSURE BIAS (hPa) STATISTICS
 GFS V16/V15 West Pacific 2018–2020 – STRONG STORMS



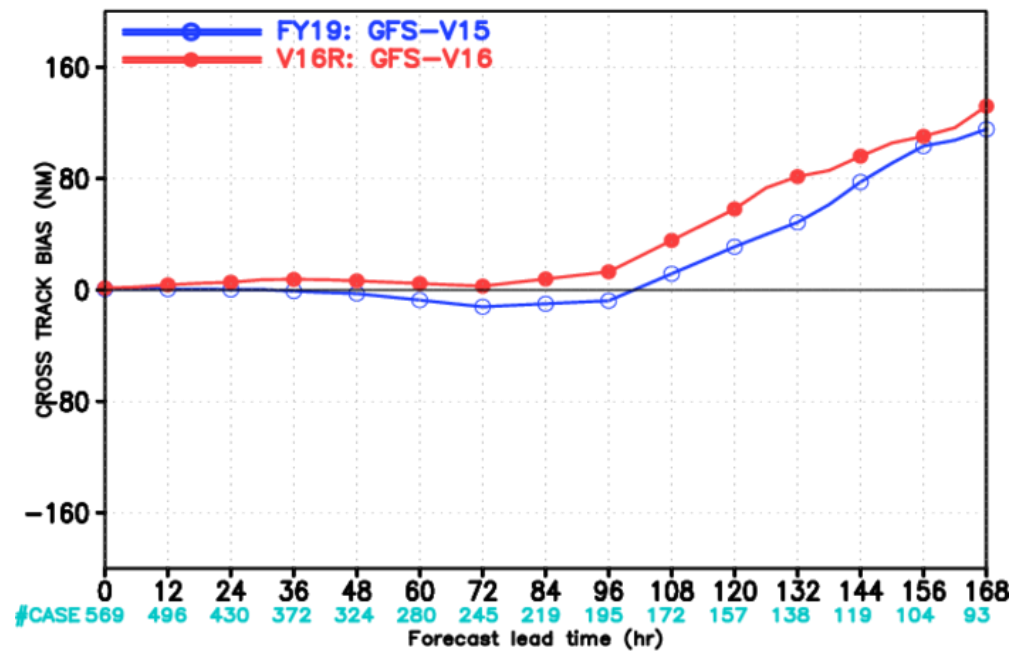
MODEL FORECAST – TRACK ERROR (NM) STATISTICS
GFS V16/V15 Atlantic 2018–2020 – WEAK STORMS



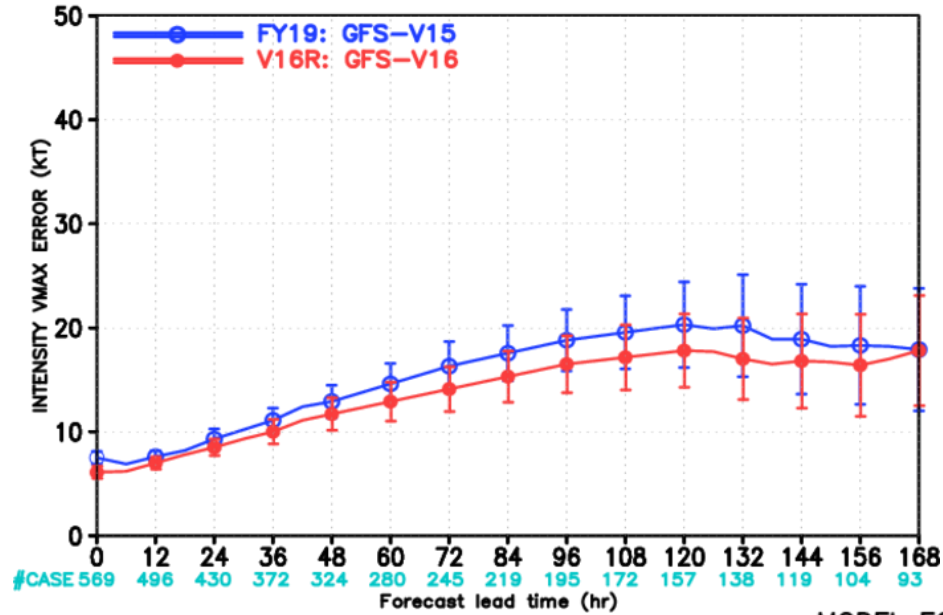
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GFS V16/V15 Atlantic 2018–2020 – WEAK STORMS



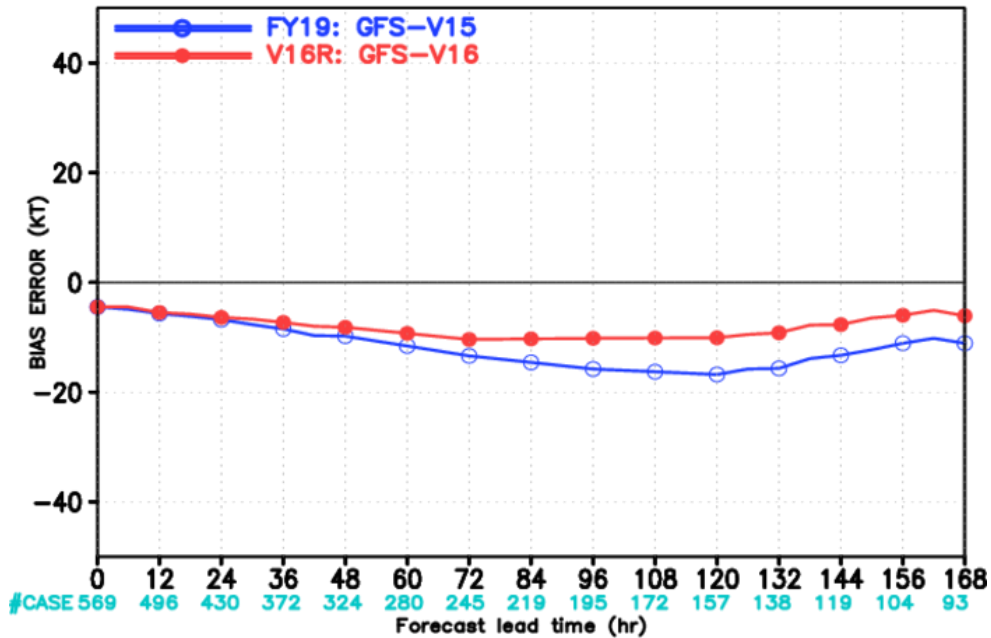
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GFS V16/V15 Atlantic 2018–2020 – WEAK STORMS



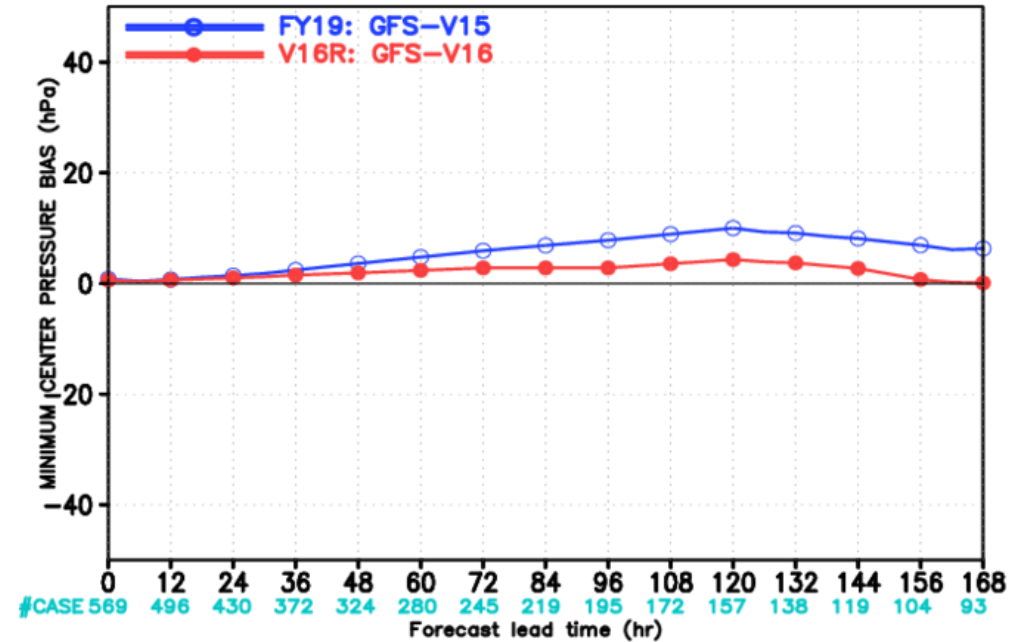
MODEL FORECAST – INTENSITY VMAX ERROR (KT) STATISTICS
 GFS V16/V15 Atlantic 2018–2020 – WEAK STORMS



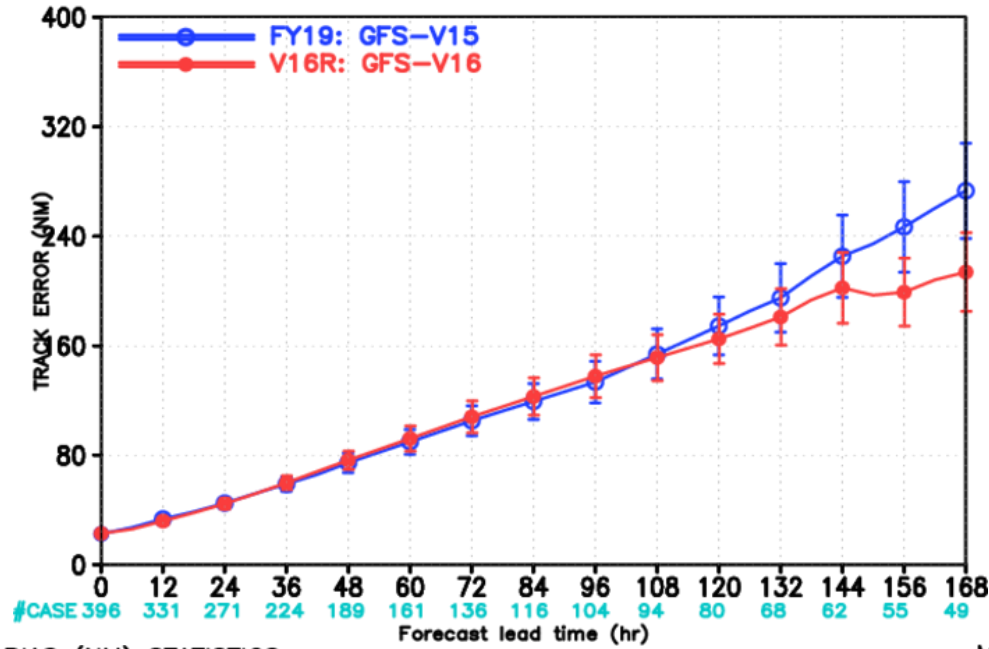
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 GFS V16/V15 Atlantic 2018–2020 – WEAK STORMS



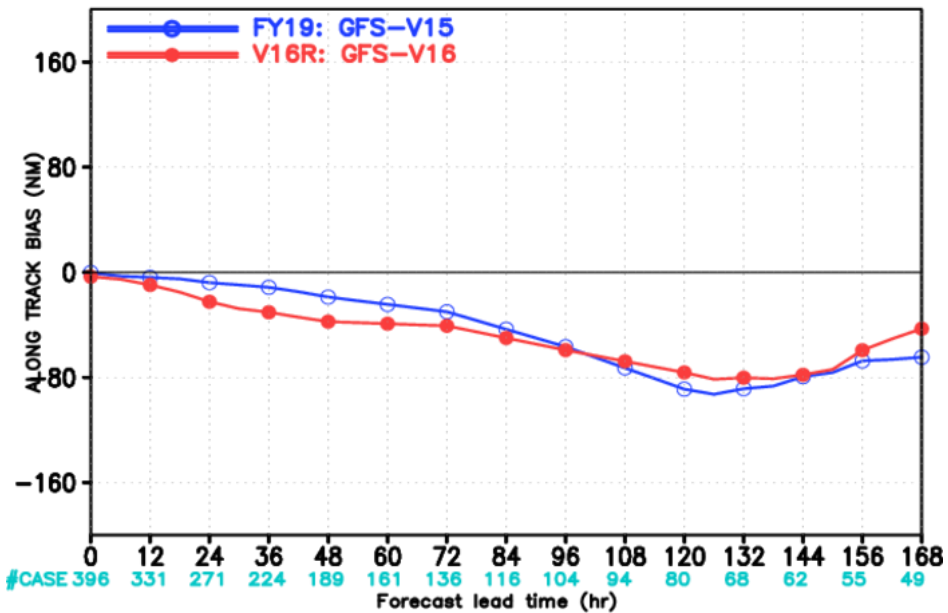
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 GFS V16/V15 Atlantic 2018–2020 – WEAK STORMS



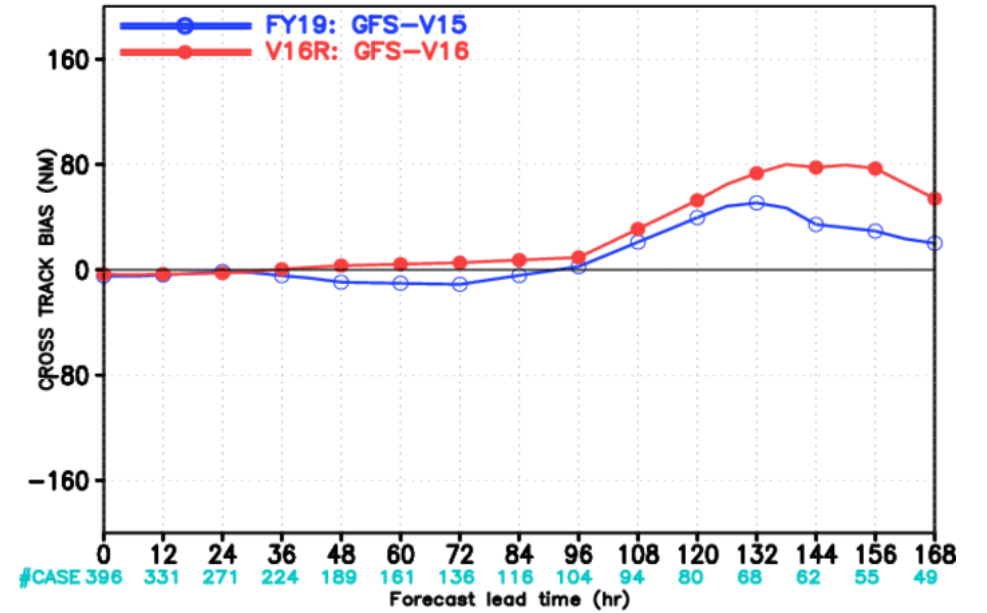
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 GFS V16/V15 East Pacific 2018–2020 – WEAK STORMS



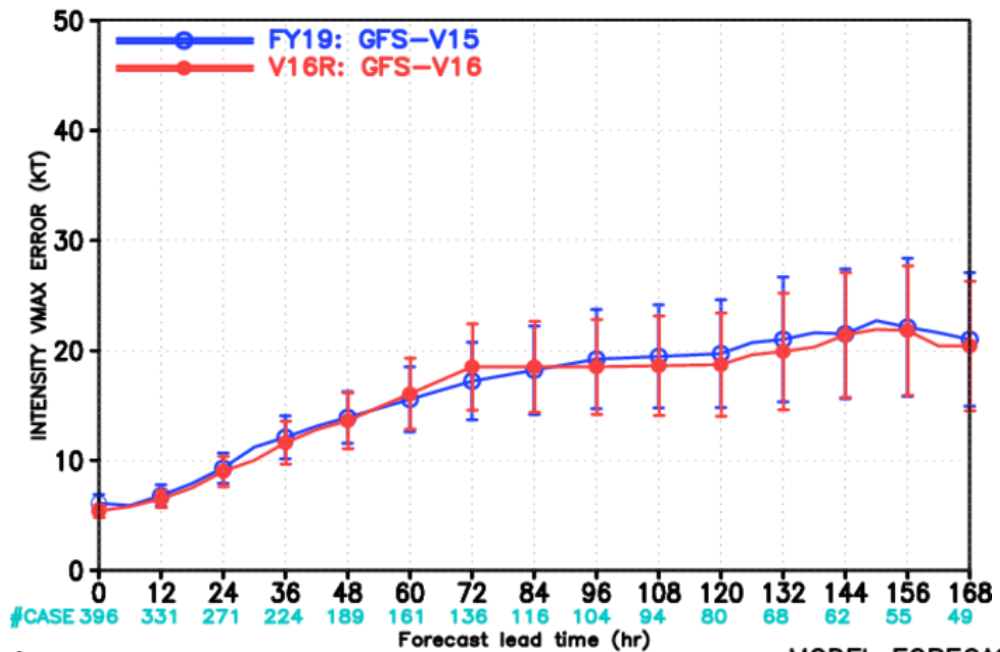
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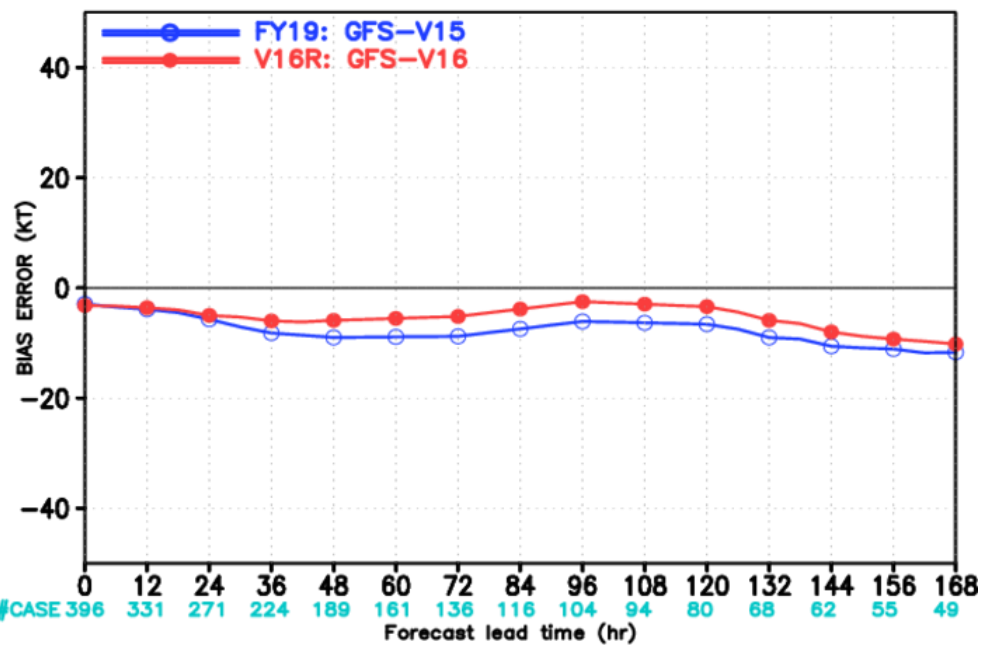
MODEL FORECAST – CROSS TRACK BIAS (NM) STATISTICS
 GFS V16/V15 East Pacific 2018–2020 – WEAK STORMS



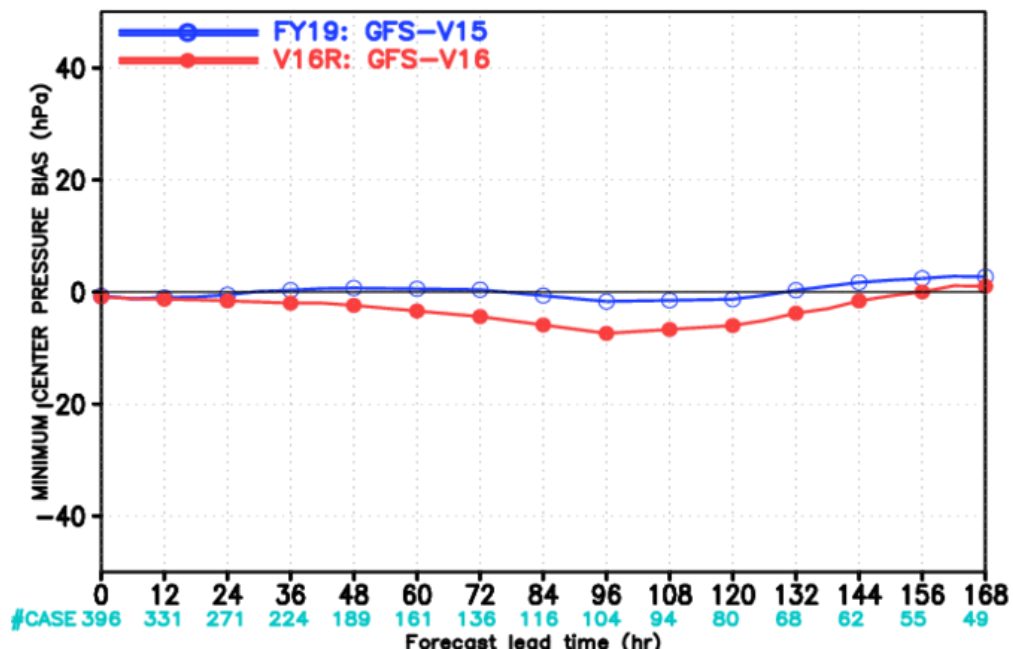
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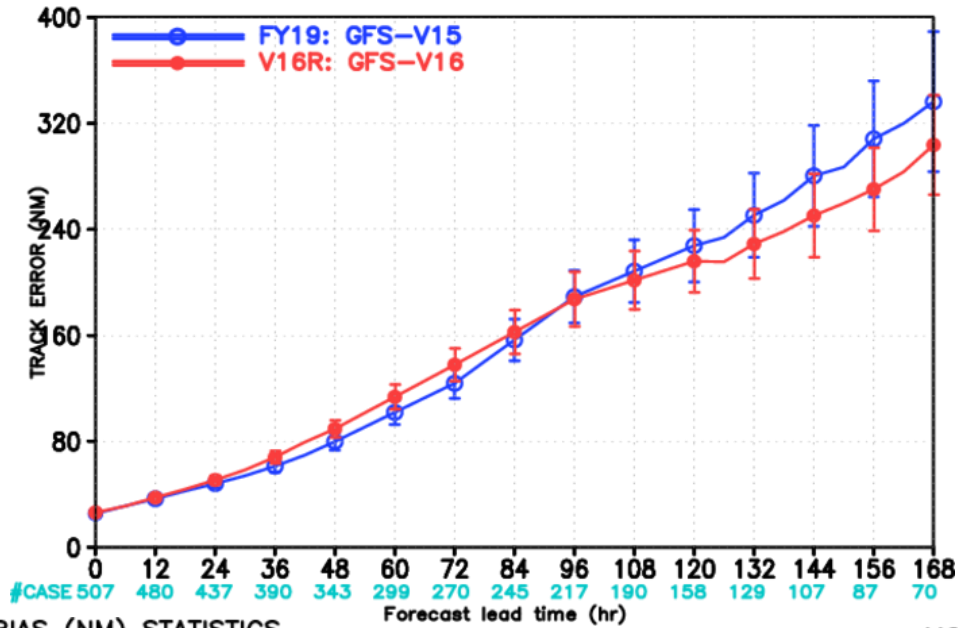
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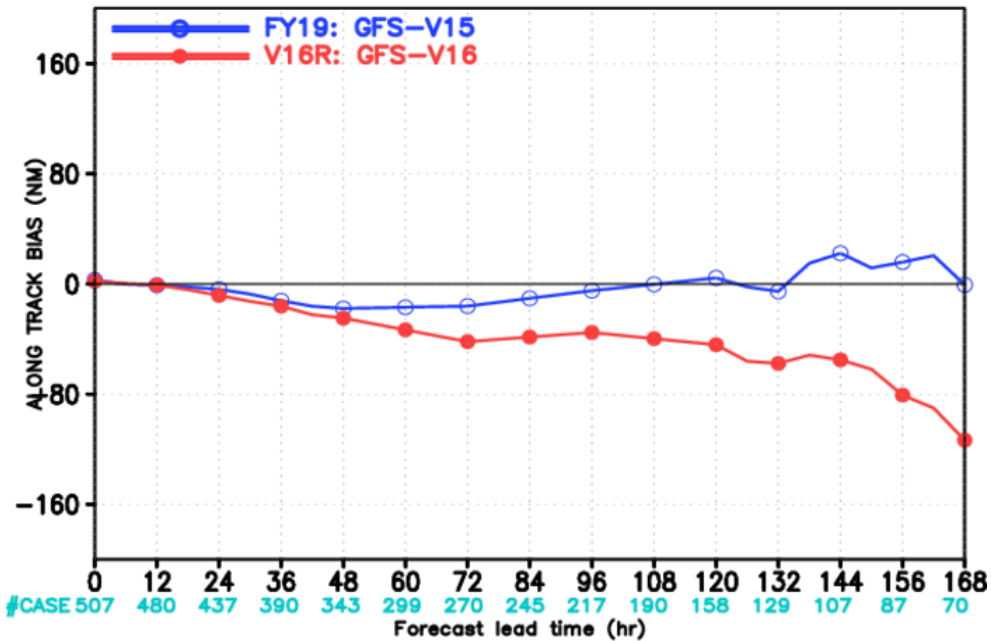
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GFS V16/V15 East Pacific 2018–2020 – WEAK STORMS



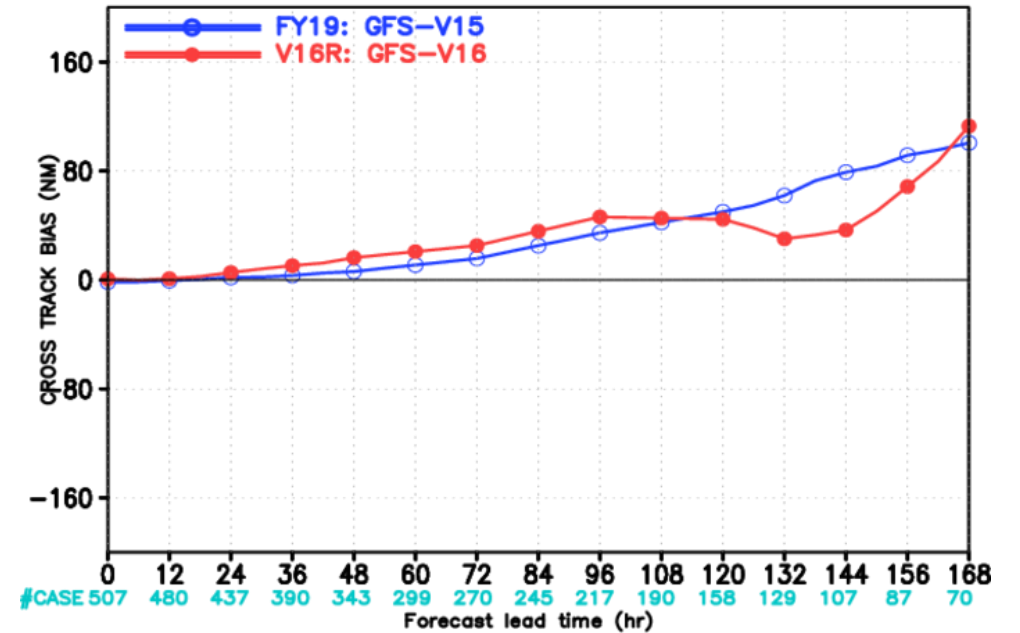
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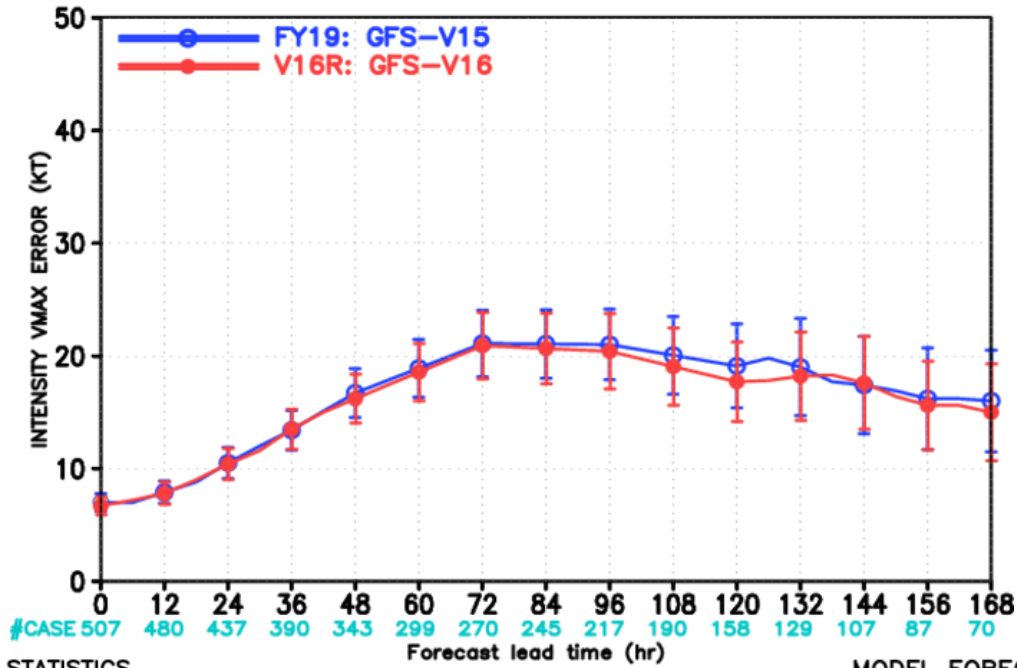
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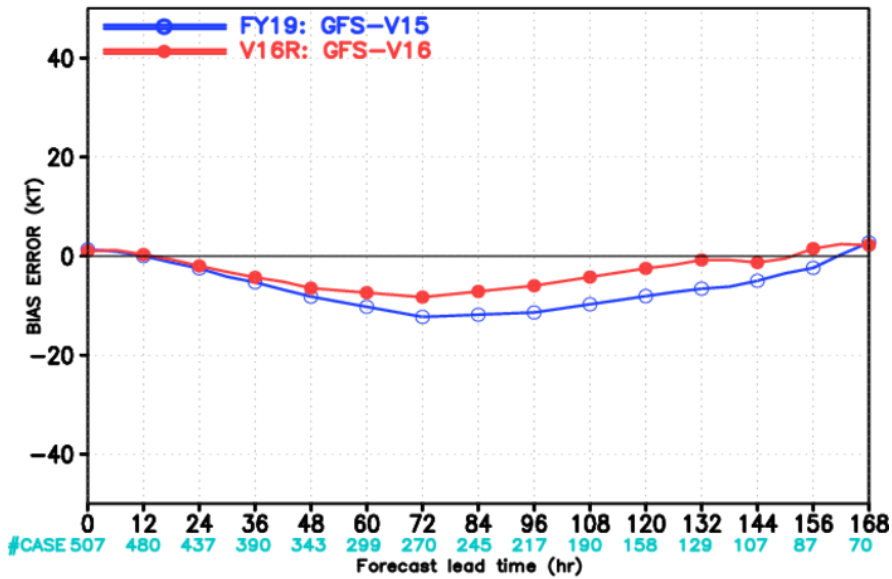
MODEL FORECAST – CROSS TRACK BIAS (NM) STATISTICS
 GFS V16/V15 West Pacific 2018–2020 – WEAK STORMS



MODEL FORECAST – INTENSITY VMAX ERROR (KT) STATISTICS
GFS V16/V15 West Pacific 2018–2020 – WEAK STORMS



MODEL FORECAST – BIAS ERROR (KT) STATISTICS
GFS V16/V15 West Pacific 2018–2020 – WEAK STORMS



MODEL FORECAST – MINIMUM CENTER PRESSURE BIAS (hPa) STATISTICS
GFS V16/V15 West Pacific 2018–2020 – WEAK STORMS

