

*Daily Validation of SCATSAT-1 L2B Winds (www.mosdac.gov.in)*

*Date : 14JAN2021*

*This automated validation is based on comparison with ASCAT & NCMRWF data*

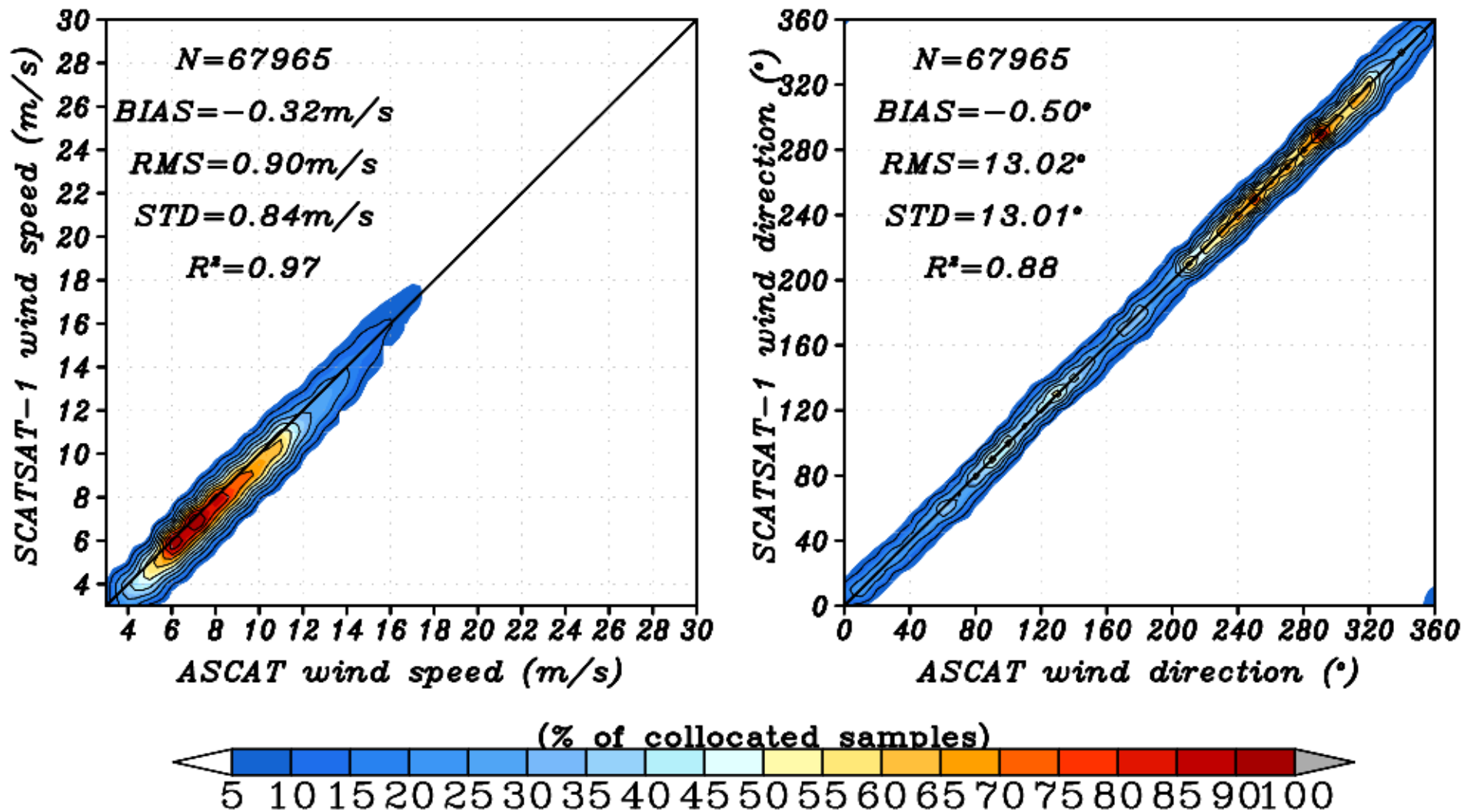
*Originating Unit : GRD/AOSG/EPSSA/SAC/ISRO*

*COMPARISON WITH ASCAT*

*Date : 14JAN2021*

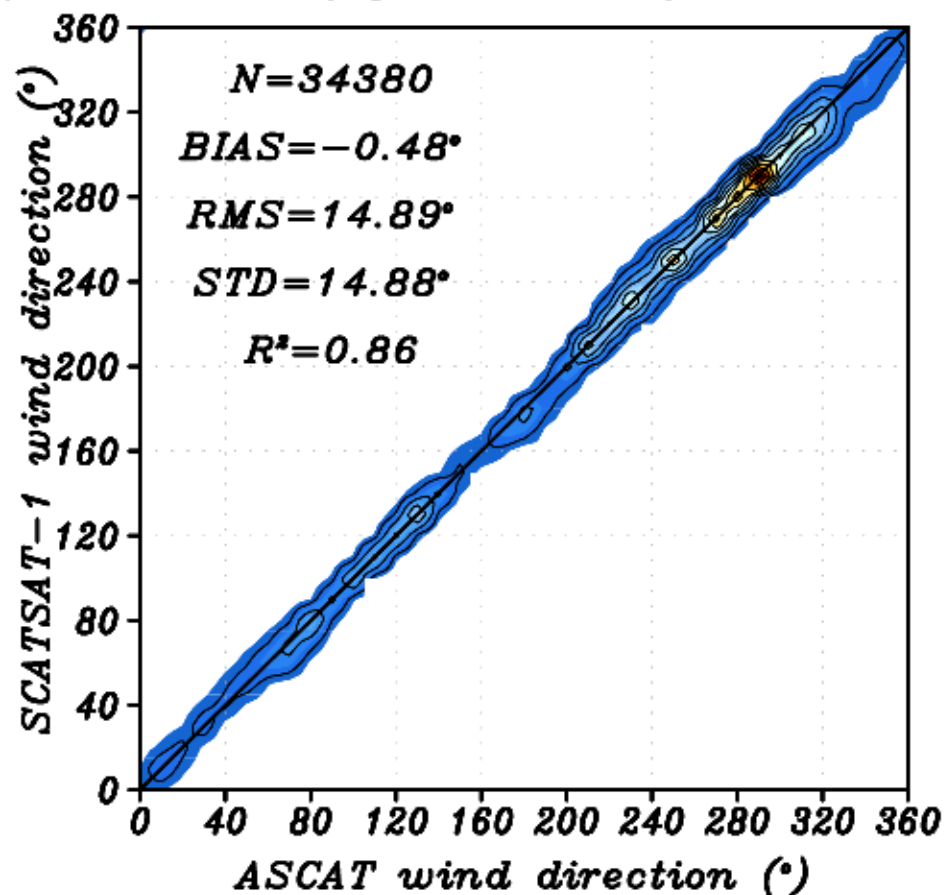
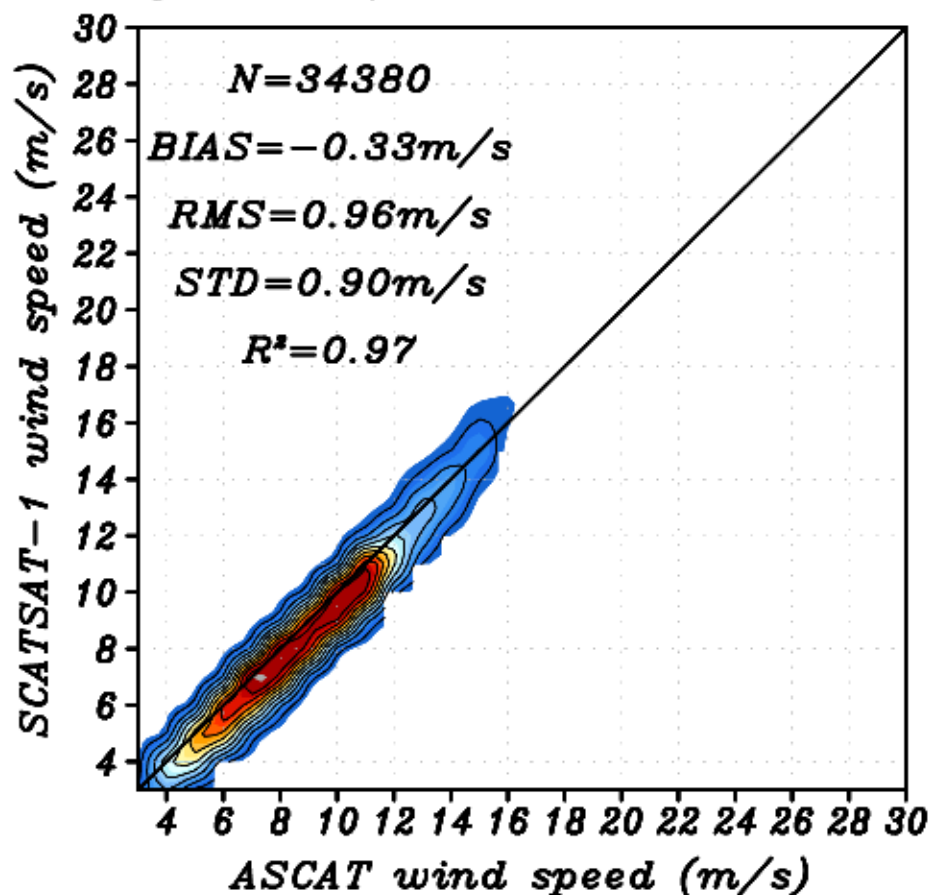
*Collocation: delR = 0.25°; delT = 0.5 hr*

*Comparison of SCATSAT-1 and ASCAT for all passes over global oceans*



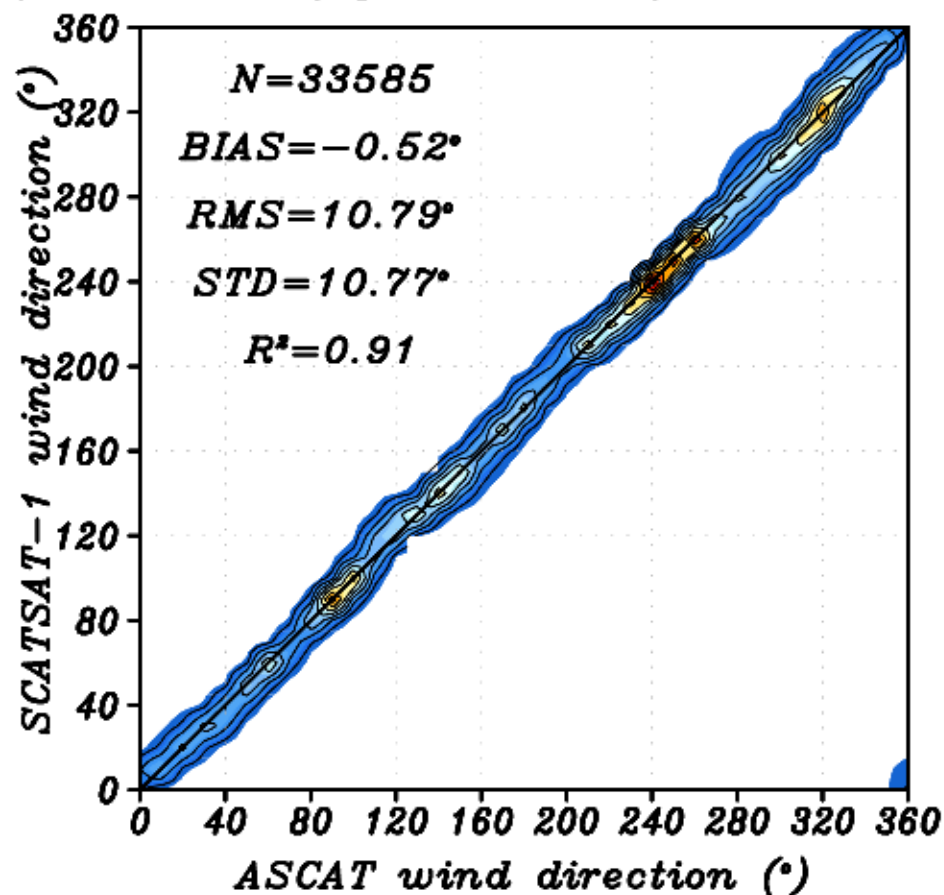
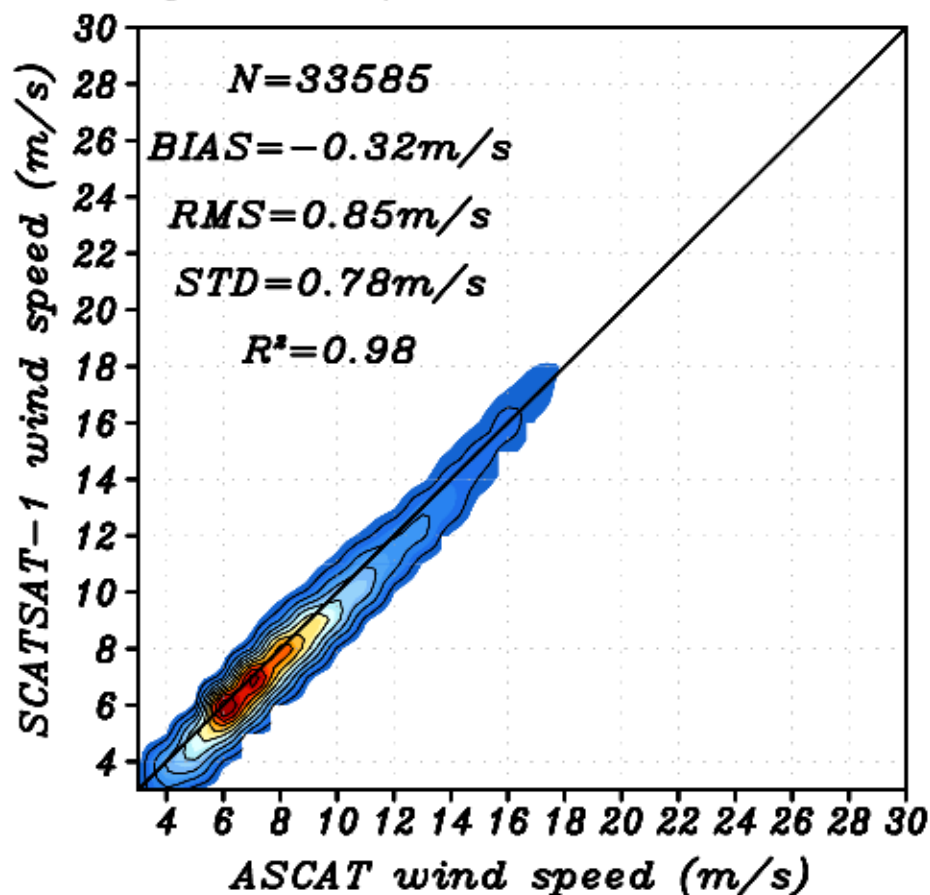
*Date : 14JAN2021*

*Comparison of SCATSAT-1 and ASCAT for Descending passes over global oceans*



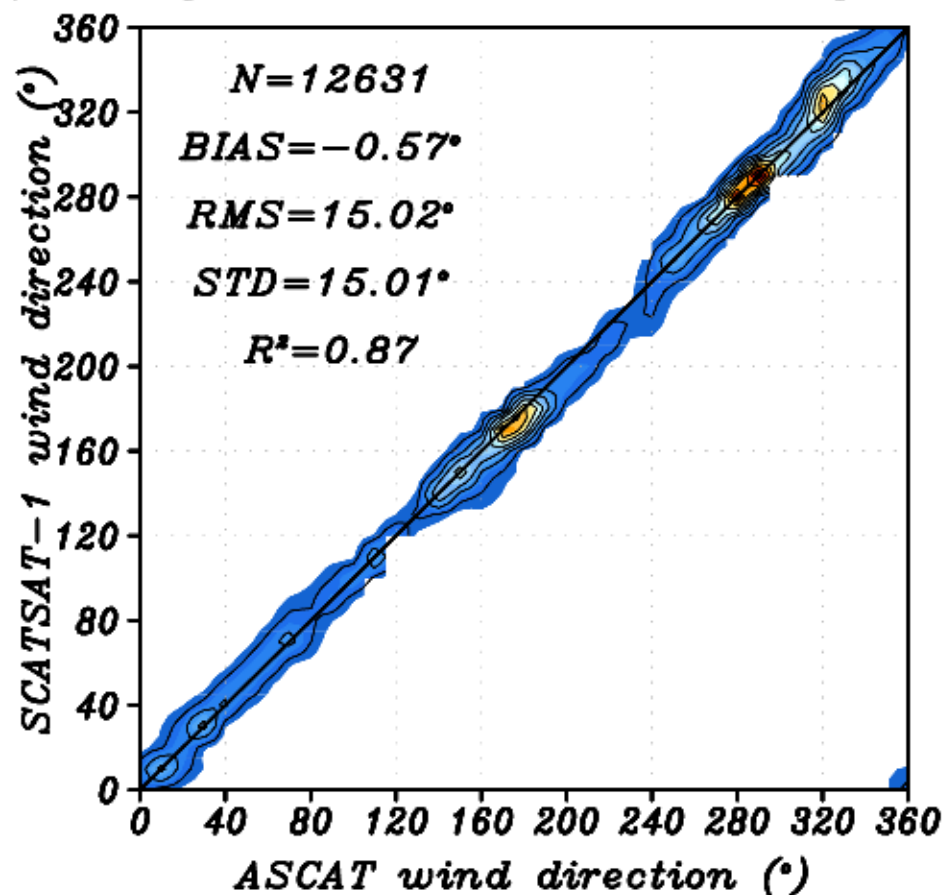
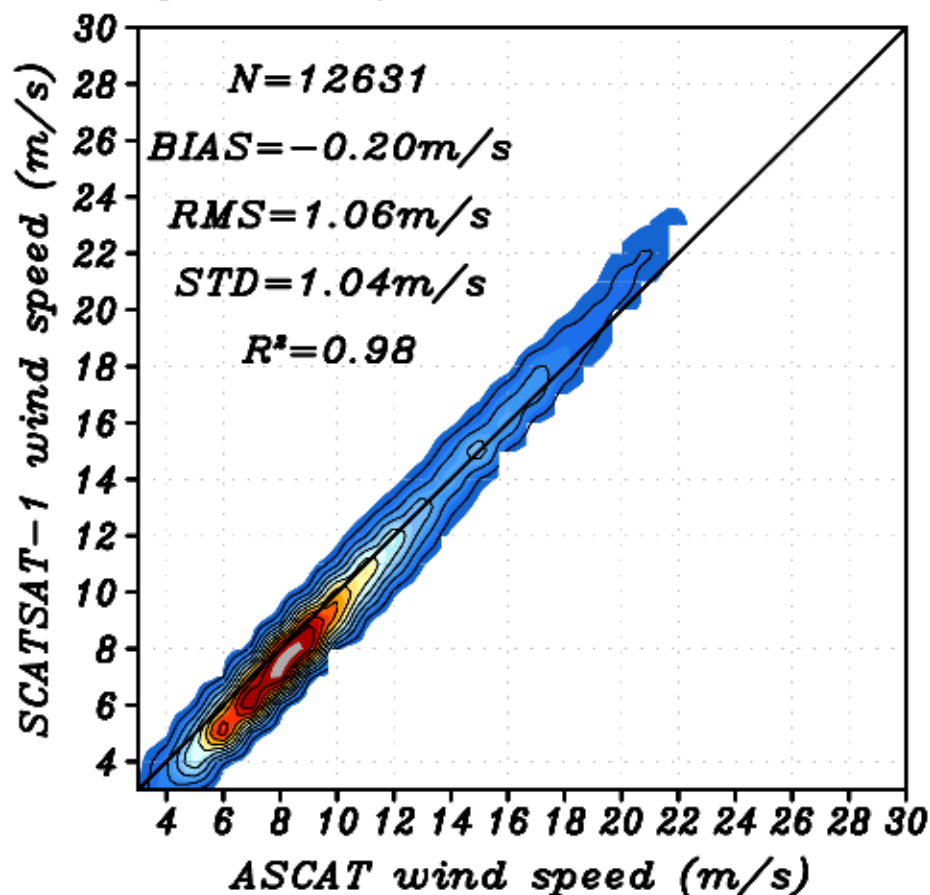
*Date : 14JAN2021*

*Comparison of SCATSAT-1 and ASCAT for Ascending passes over global oceans*



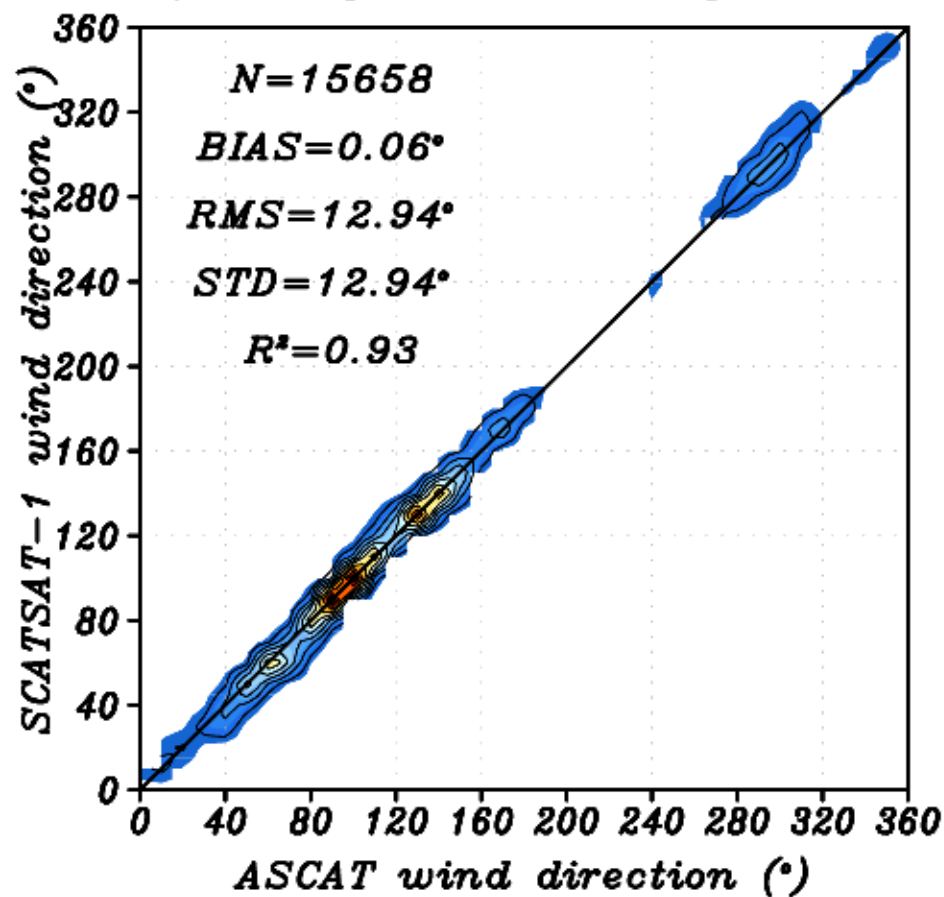
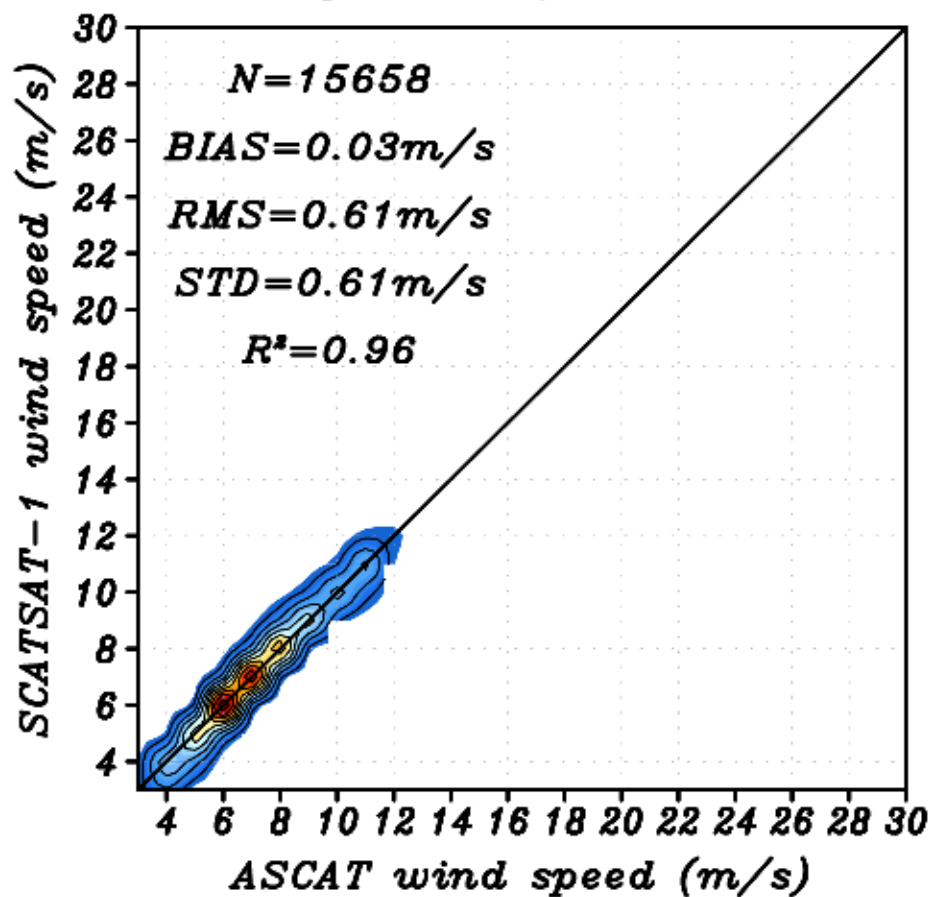
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Comparison of SCATSAT-1 and ASCAT for all passes over Northern Hemisphere



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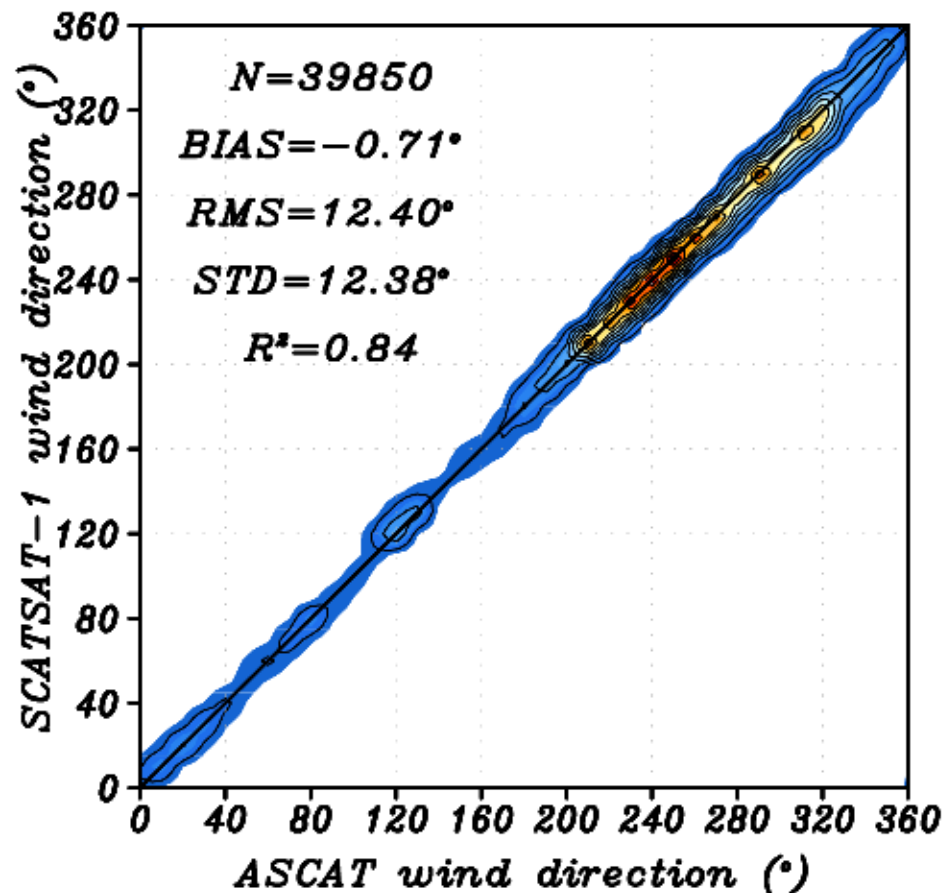
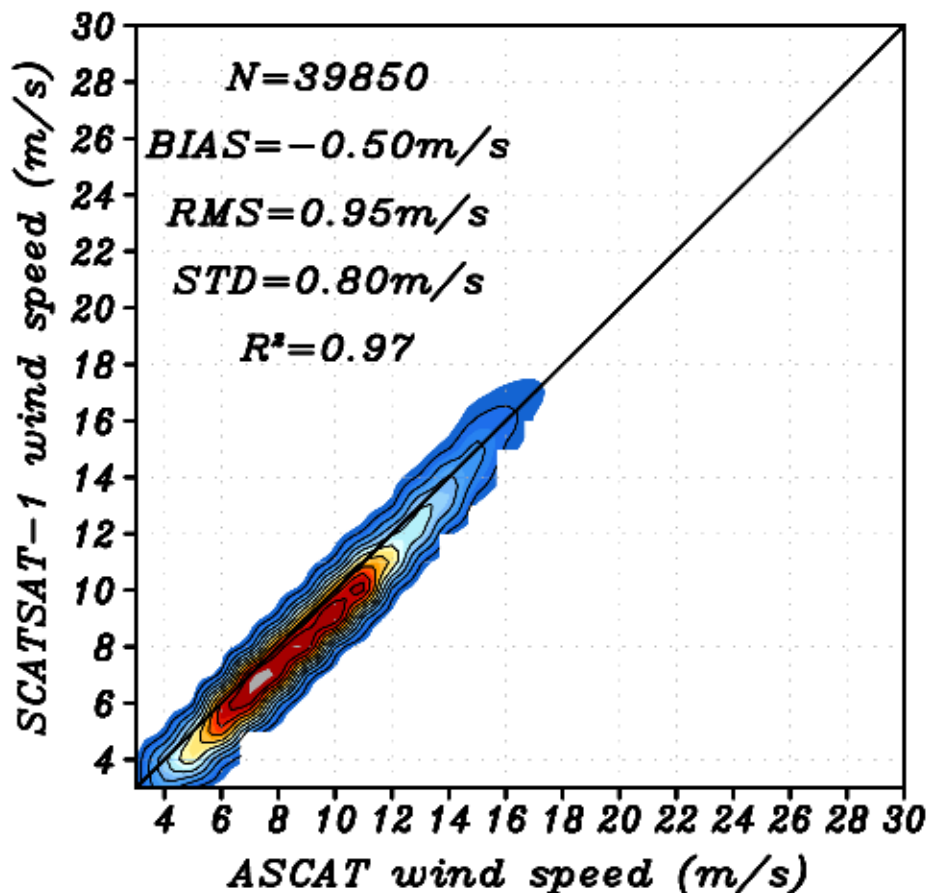
*Comparison of SCATSAT-1 and ASCAT for all passes over Tropics*



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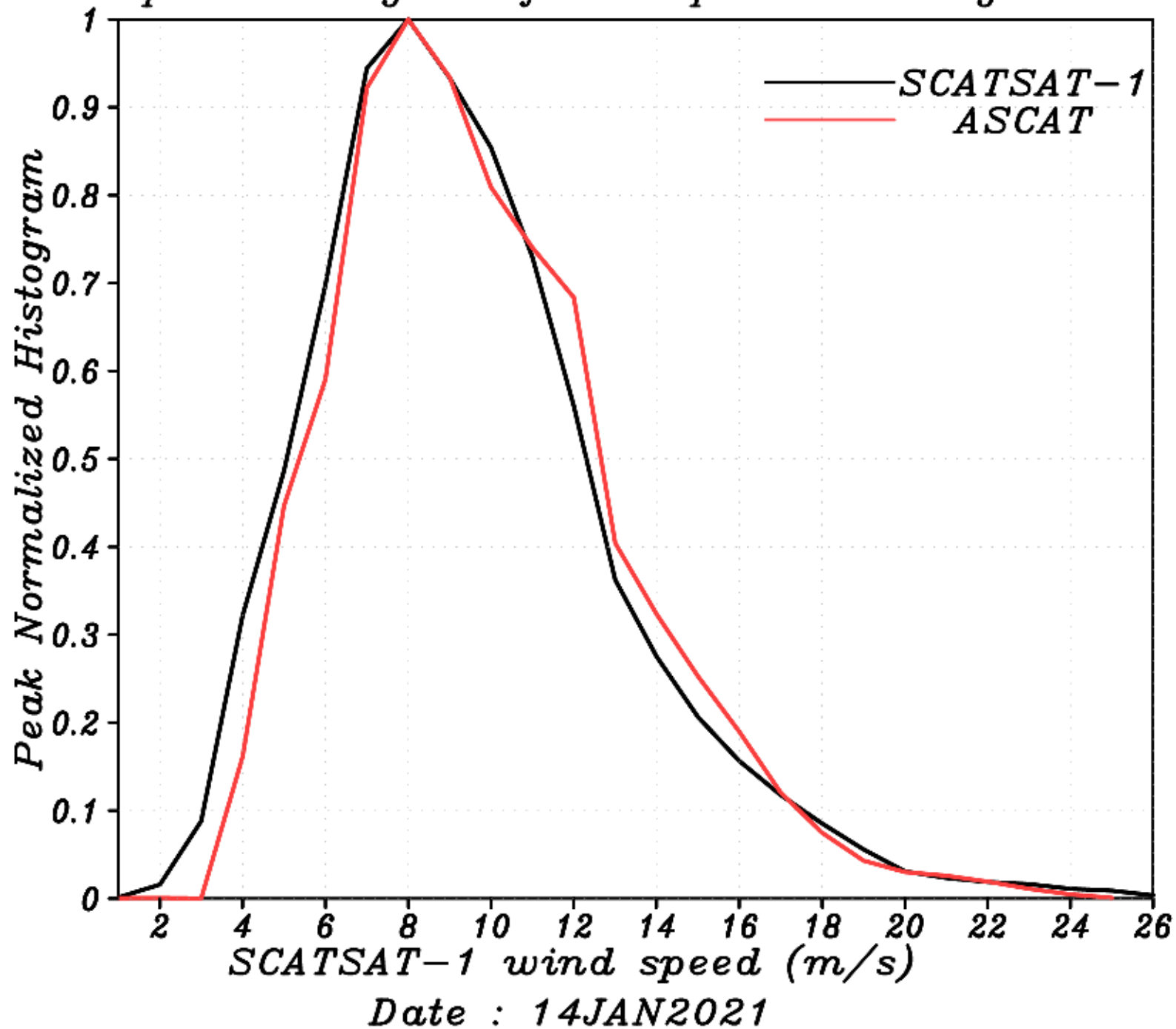
*Comparison of SCATSAT-1 and ASCAT for all passes over Southern Hemisphere*



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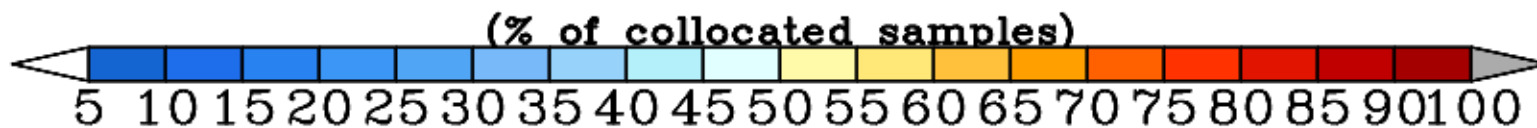
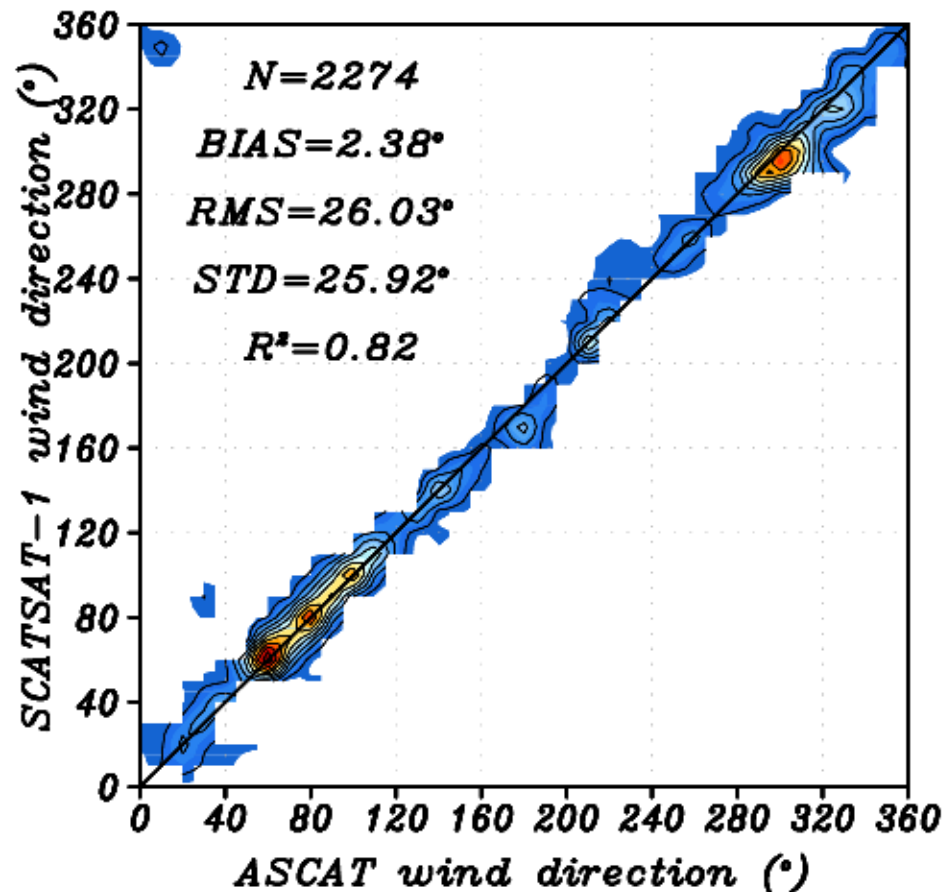
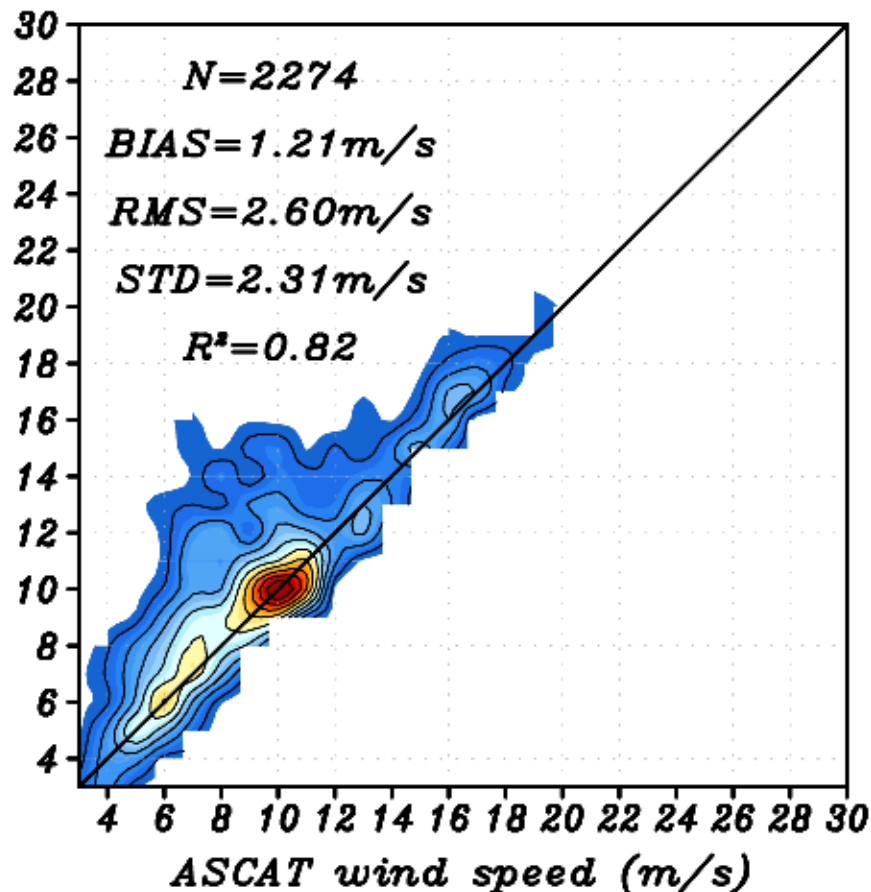


# Wind speed Histogram for all passes over global oceans



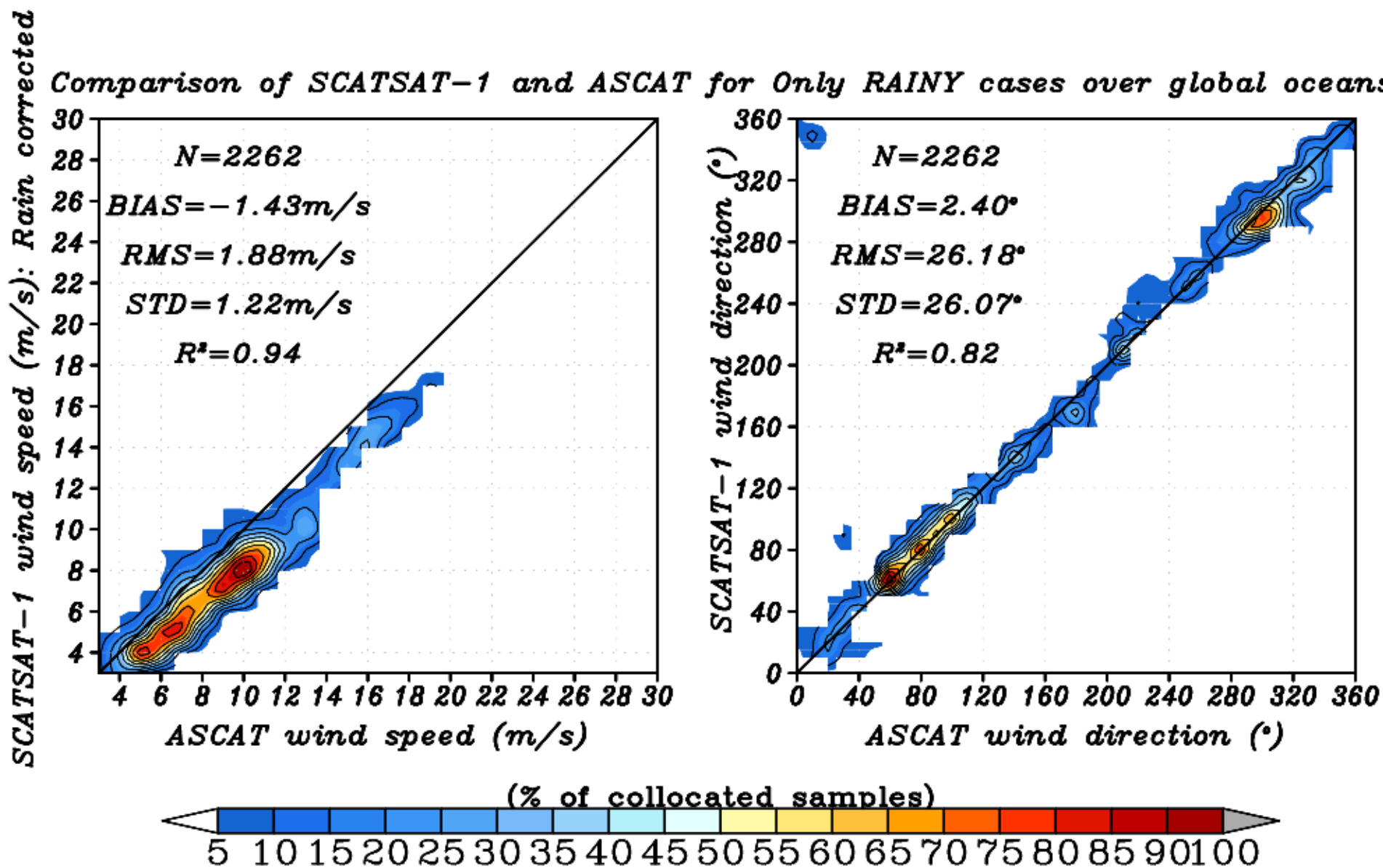
SCATSAT-1 wind speed (m/s): without Rain correctio

Comparison of SCATSAT-1 and ASCAT for Only RAINY cases over global oceans



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Comparison of SCATSAT-1 and ASCAT for Only RAINY cases over global oceans



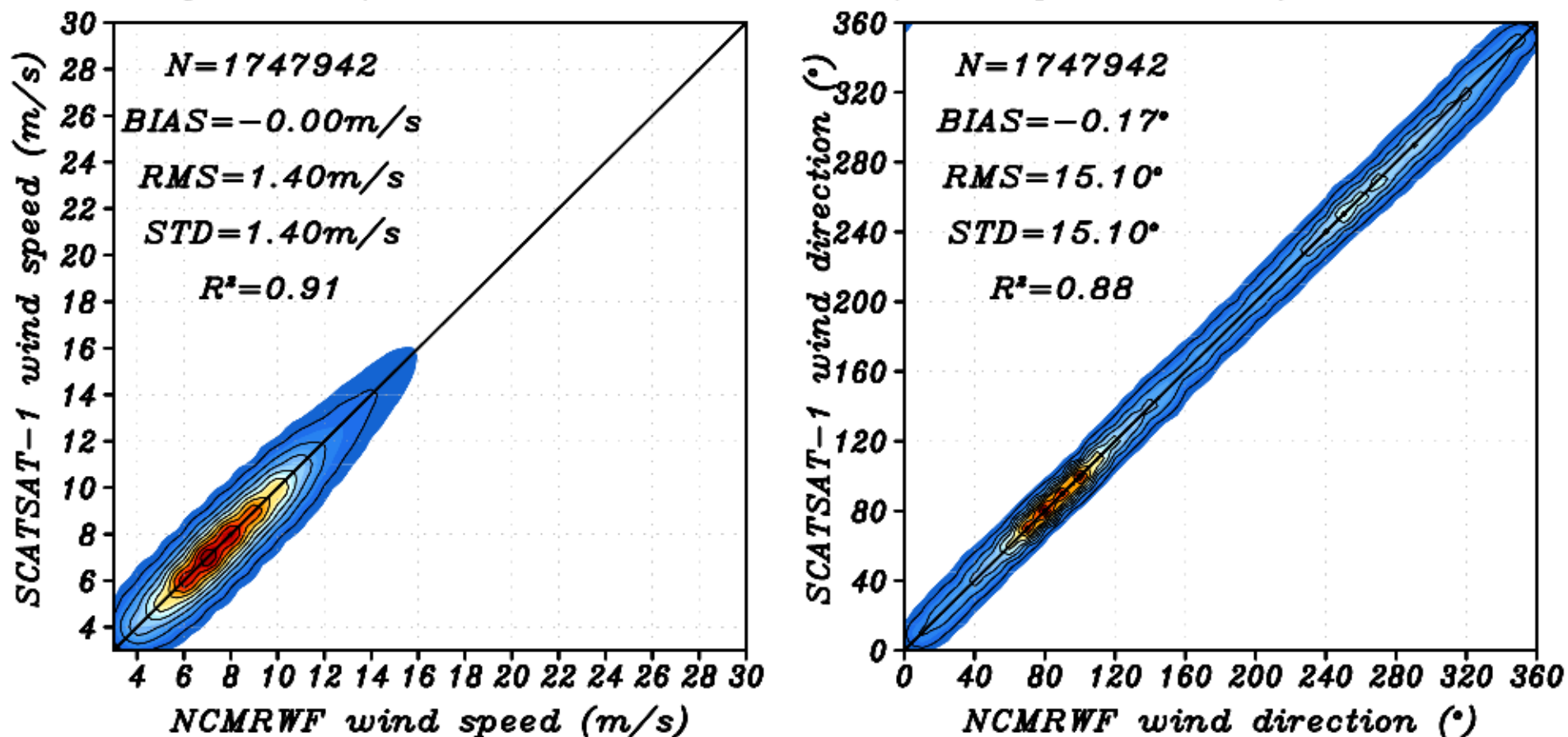
Date : 14JAN2021

*COMPARISON WITH NWP(NCMRWF)*

*Date : 14JAN2021*

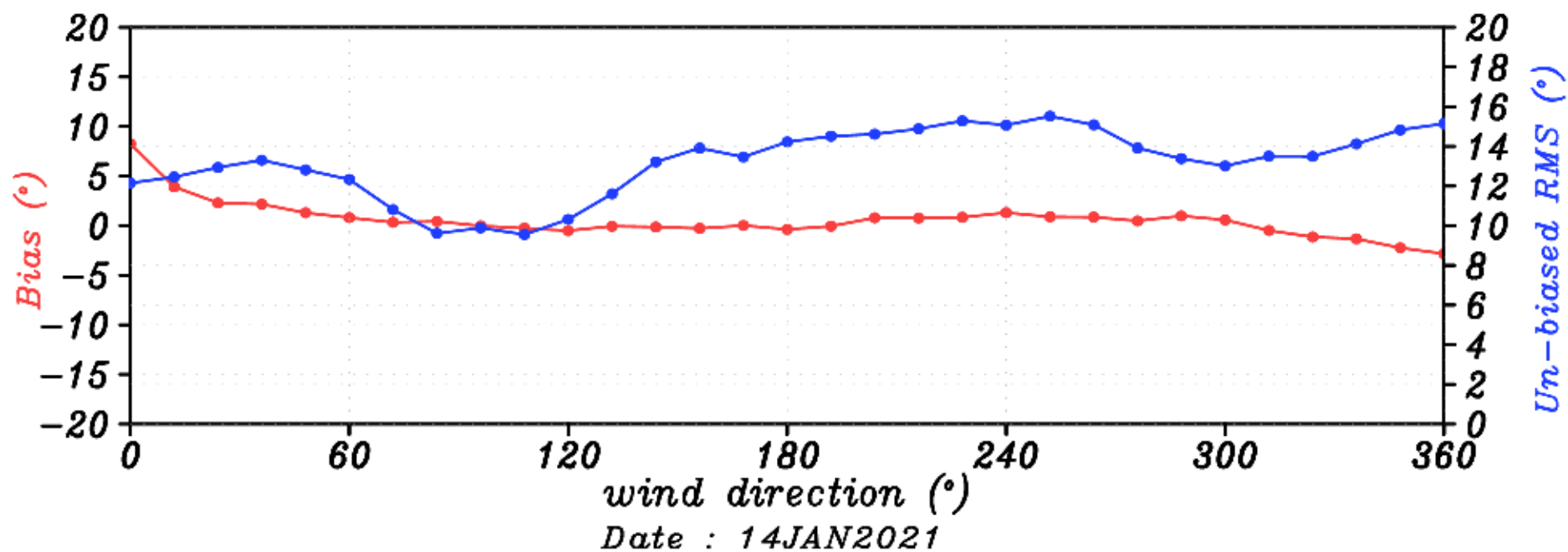
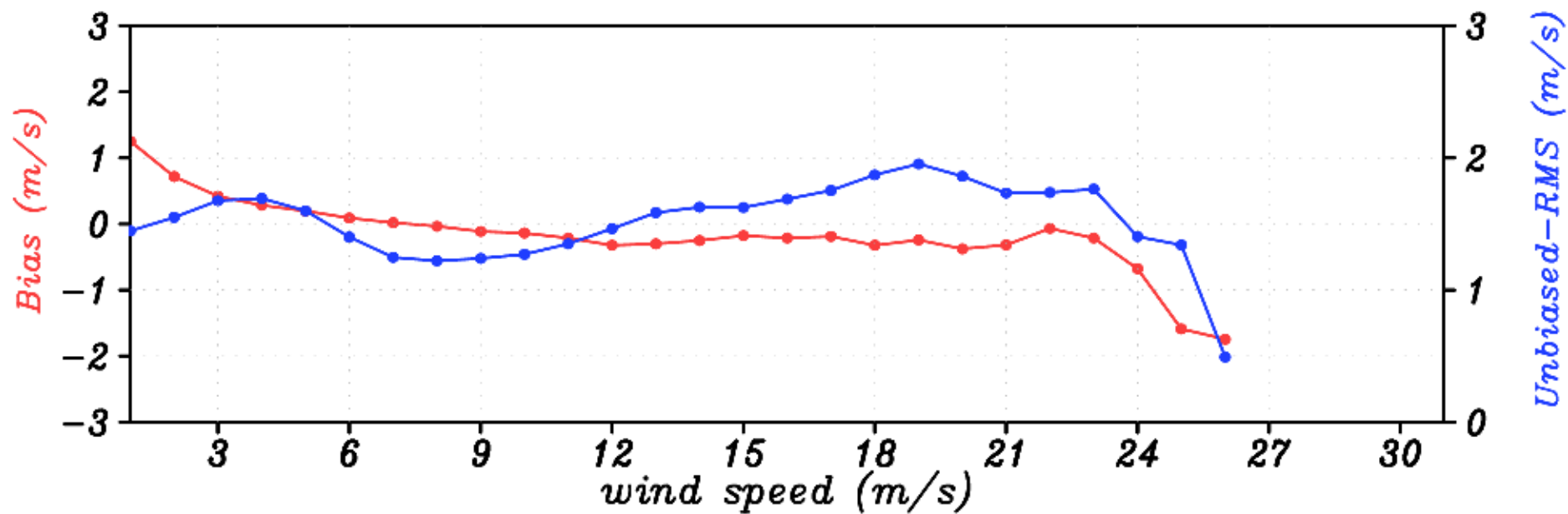
*Collocation: delR=0.25°; delT=+/-3 hr*

Comparison of SCATSAT-1 and NCMRWF for all passes over global oceans



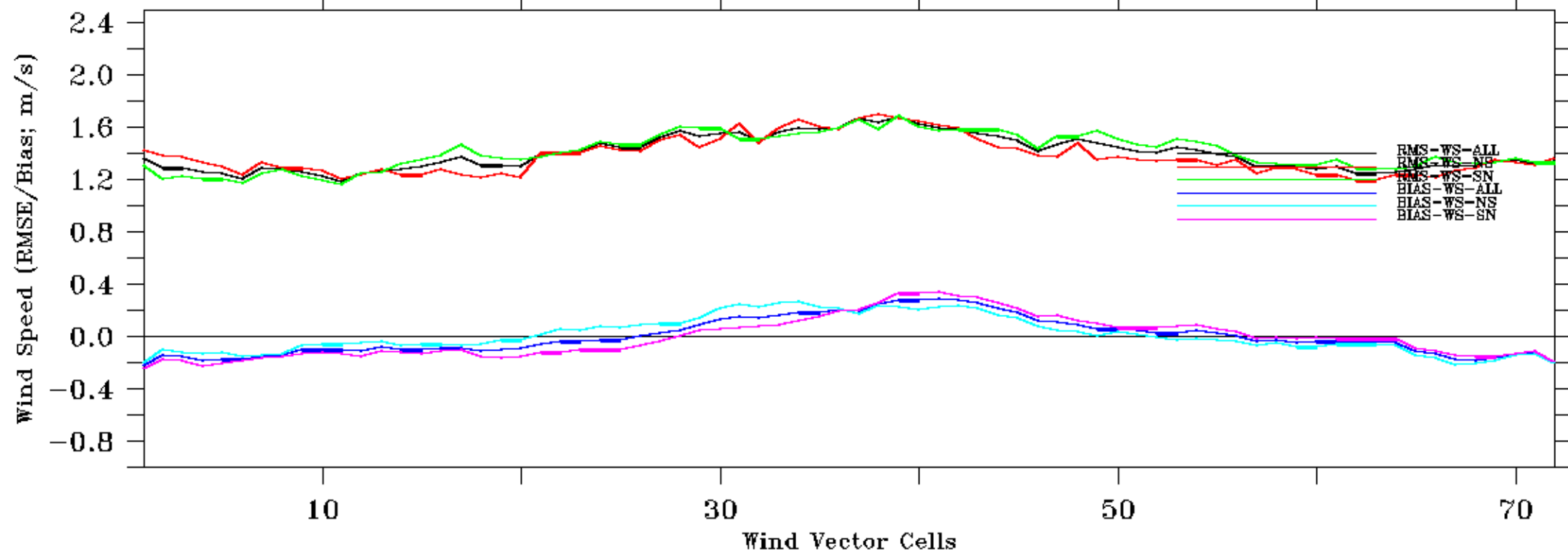
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Bin wise comparison (SCATSAT-1/NCMRWF) for all passes over global oceans  
Speed Bin=1m/s; Direction Bin=10 deg



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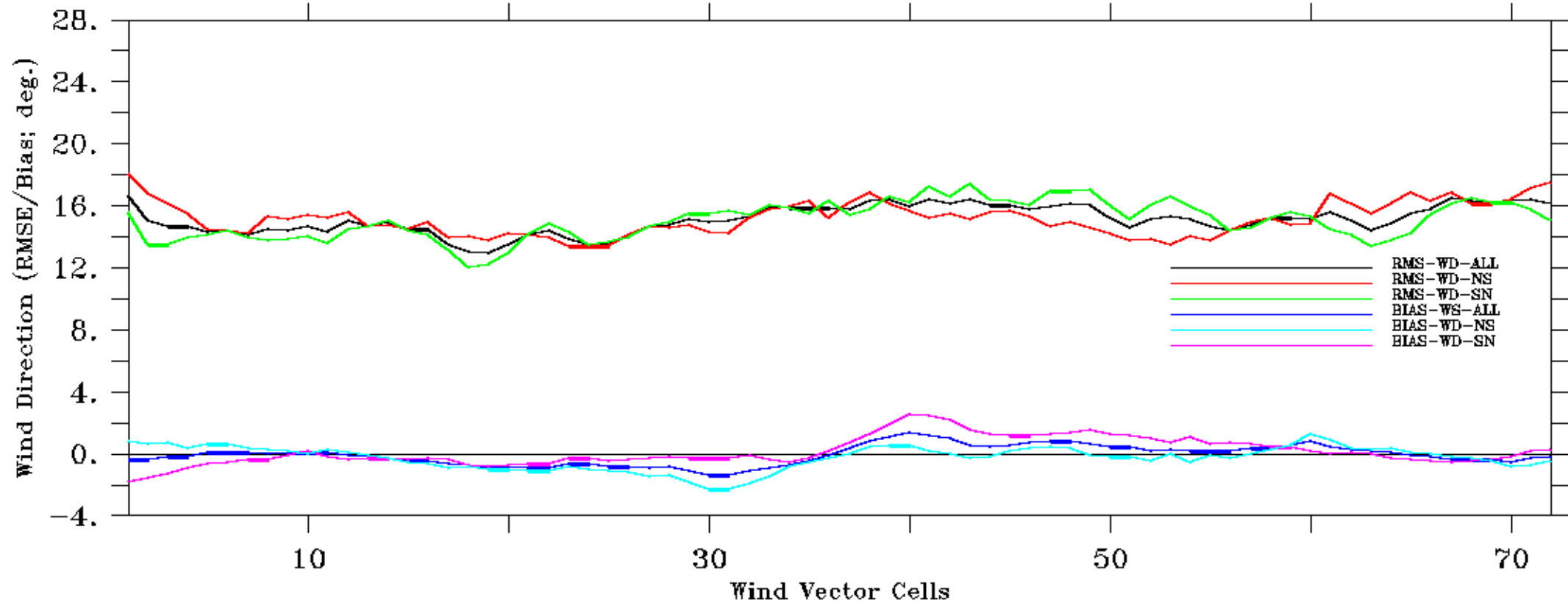
Comparison of SCATSAT-1 and NCMRWF for all passes over global oceans



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Comparison of SCATSAT-1 and NCMRWF for all passes over global oceans



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