

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

*Date : 20DEC2019*

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

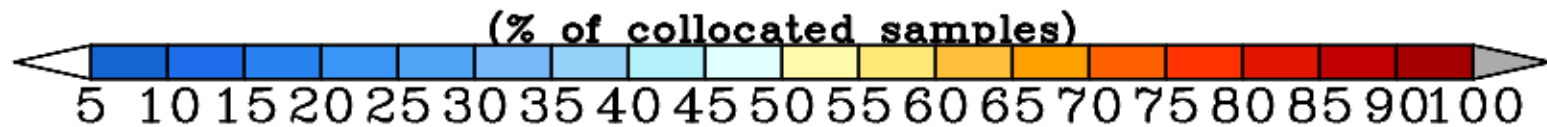
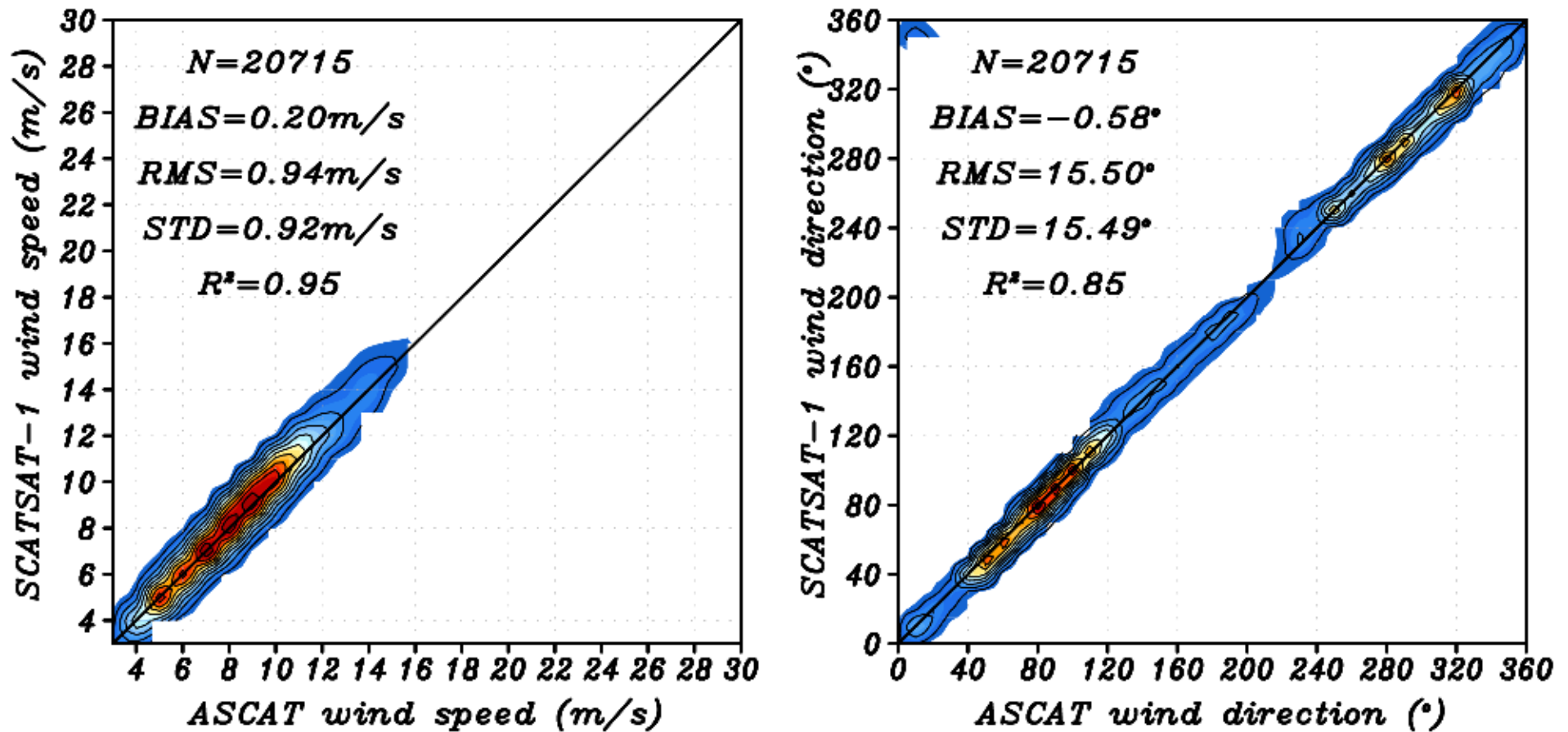
*Originating Unit : GRD/AOSG/EPSSA/SAC/ISRO*

*COMPARISON WITH ASCAT*

*Date : 20DEC2019*

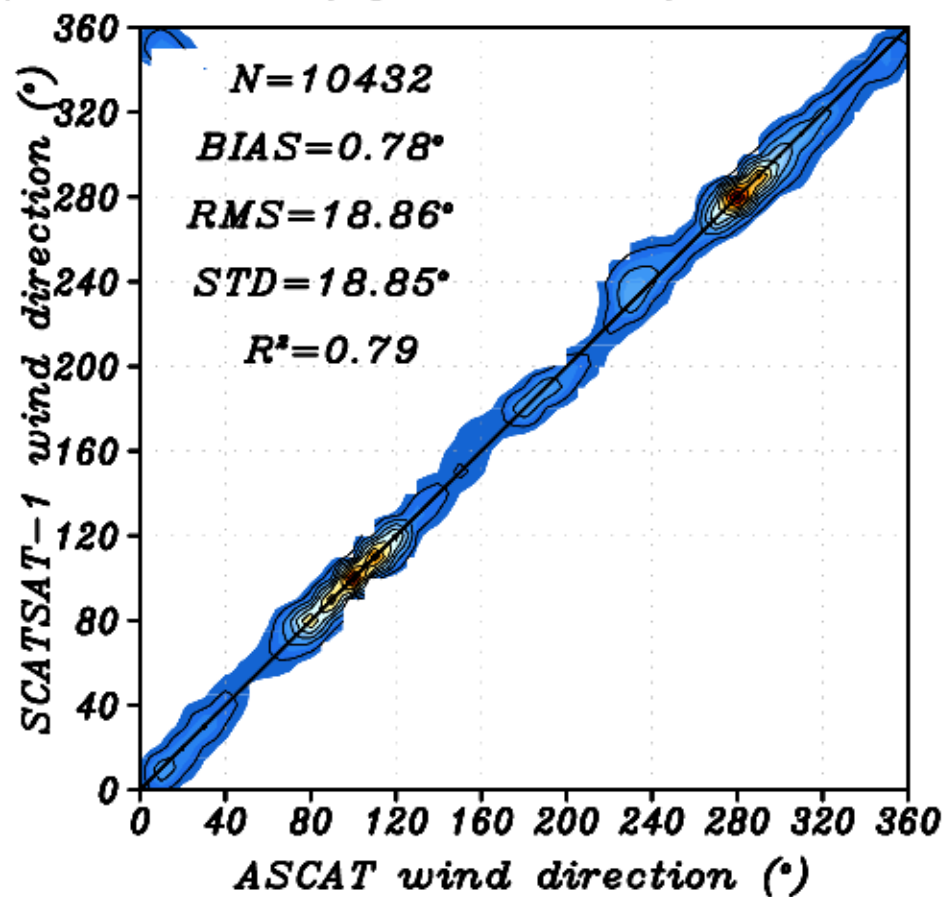
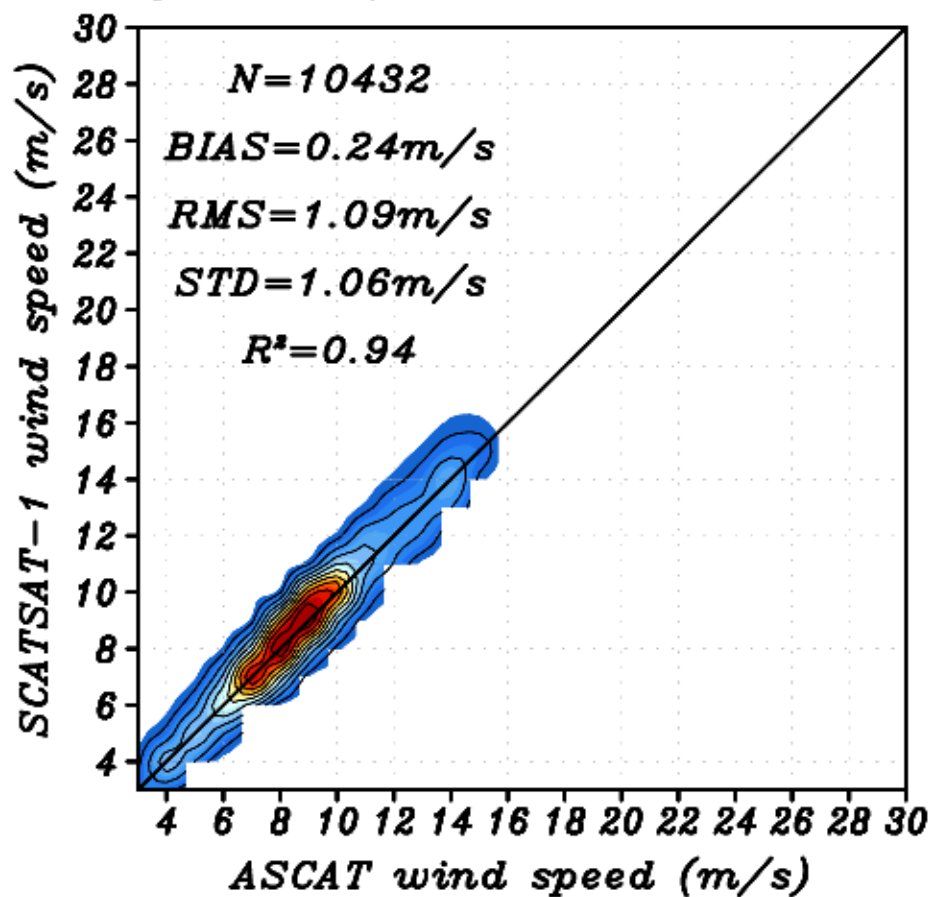
*Collocation: delR = 0.25°; delT = 0.5 hr*

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



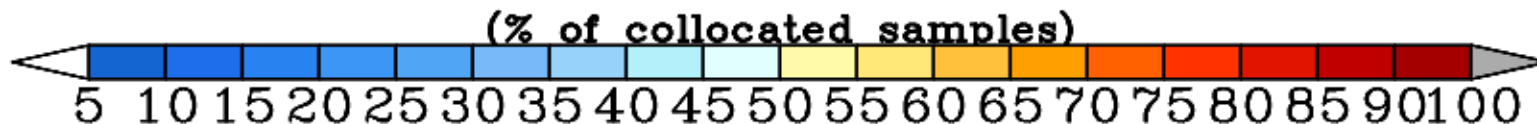
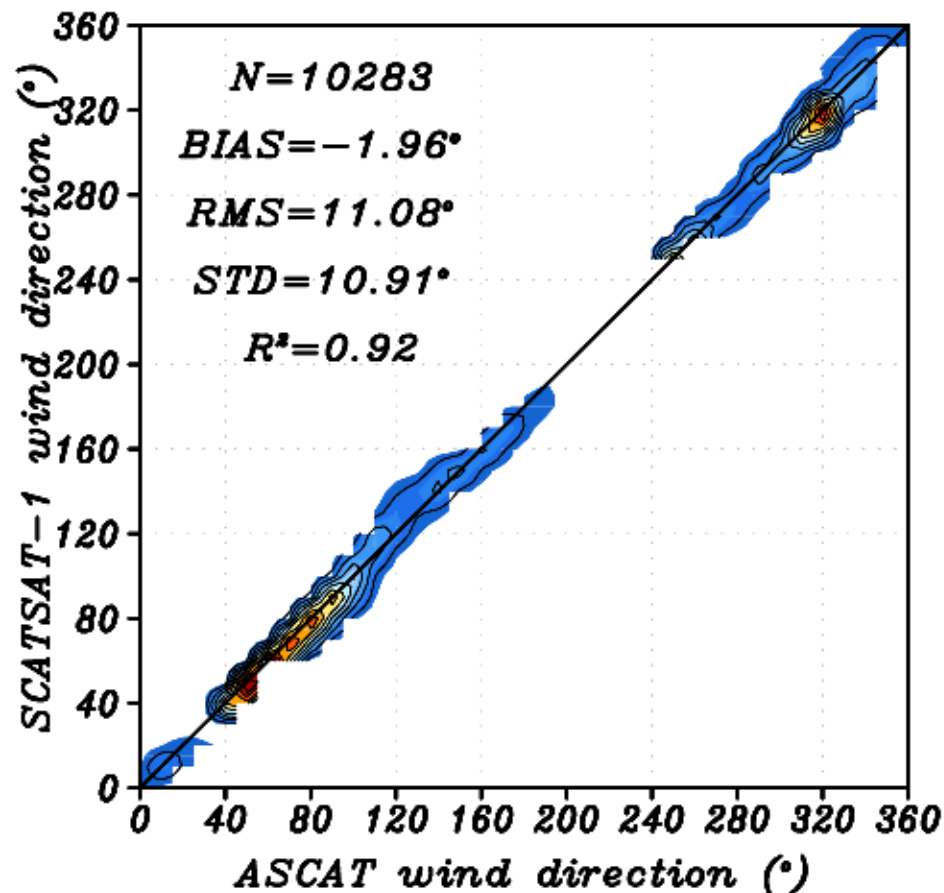
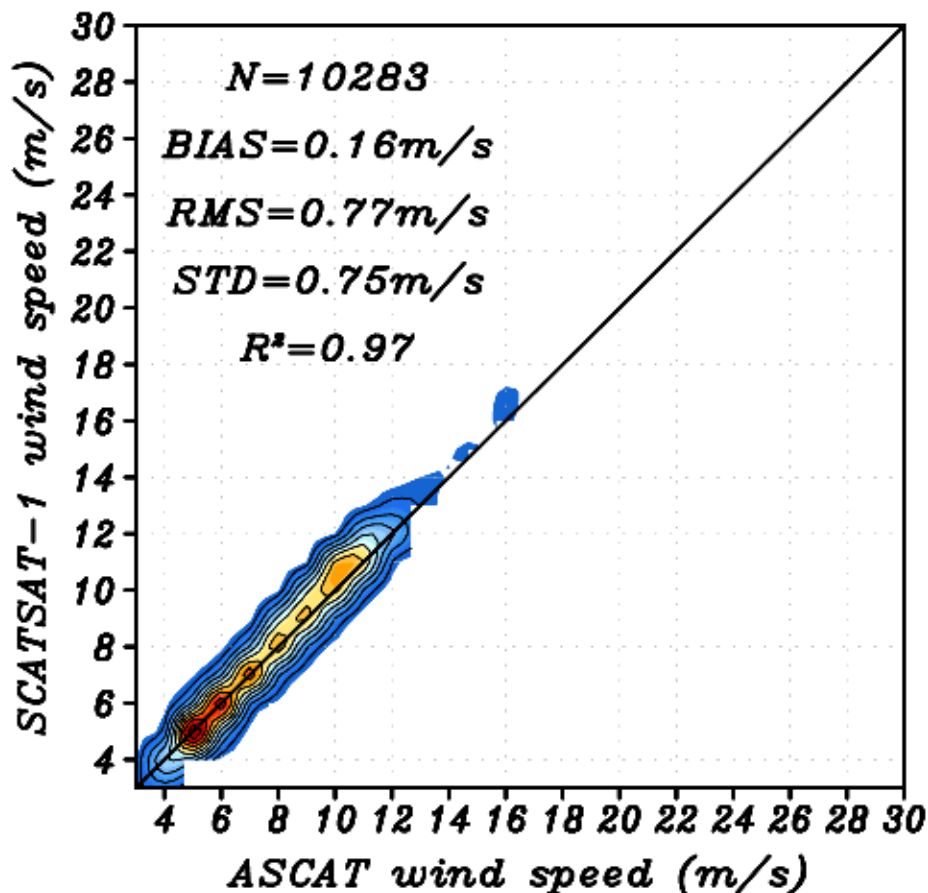
Date : 20DEC2019

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



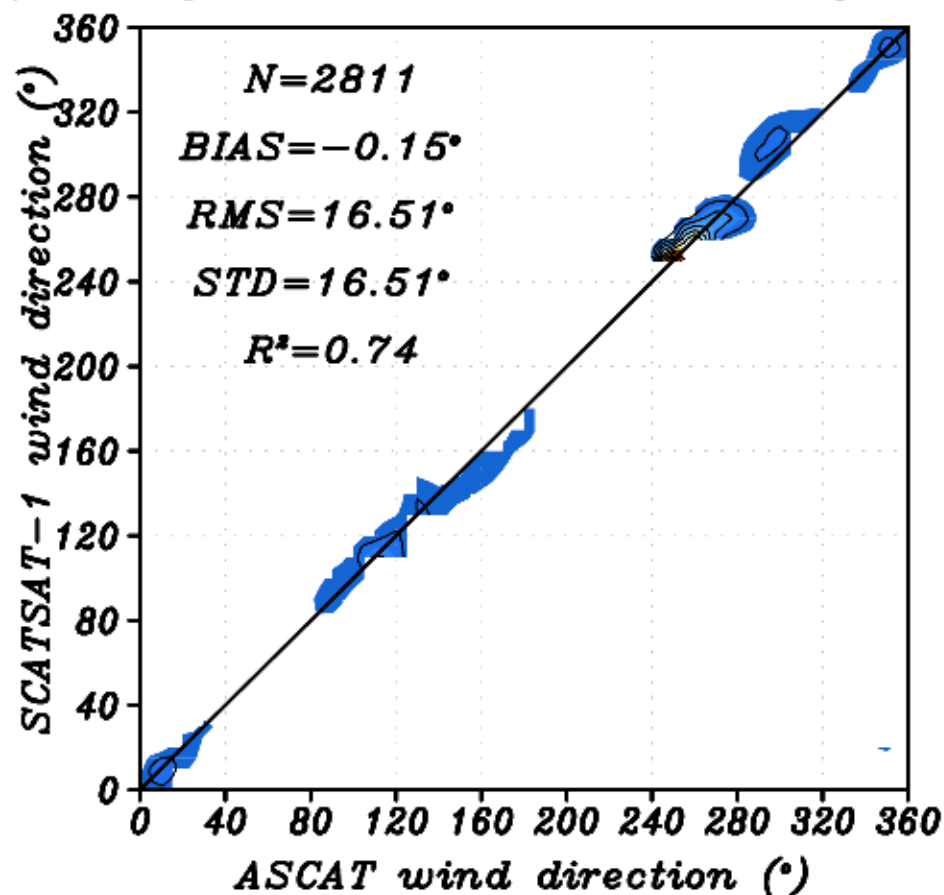
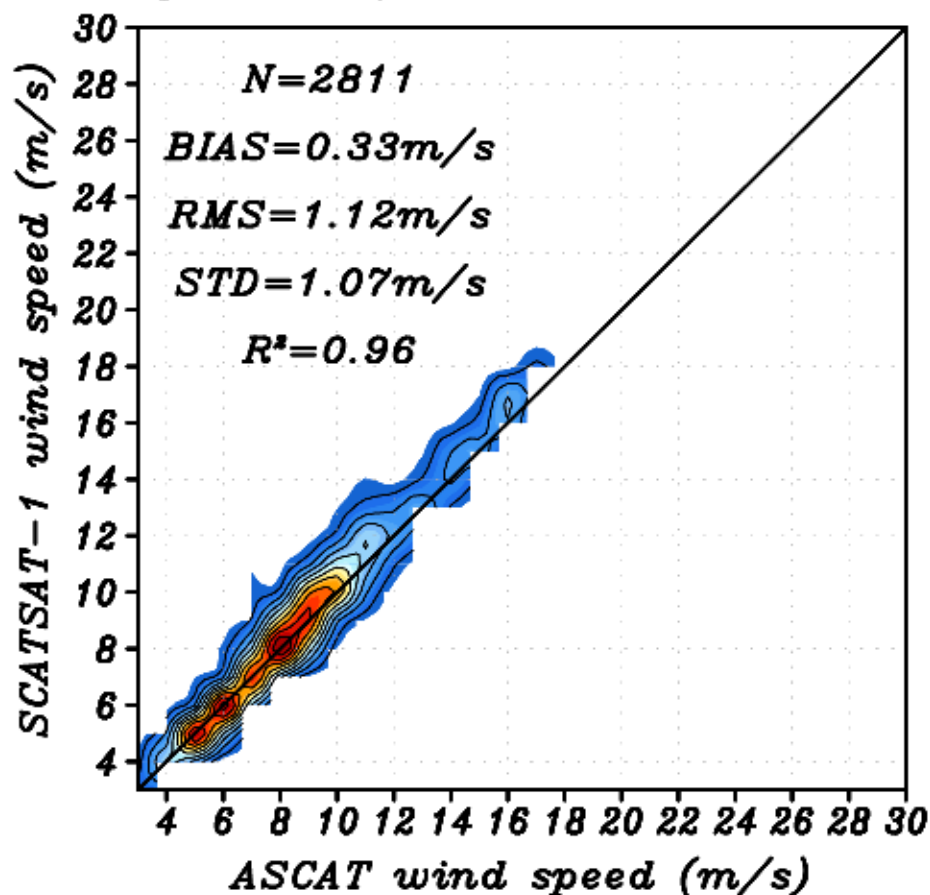
Date : 20DEC2019

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



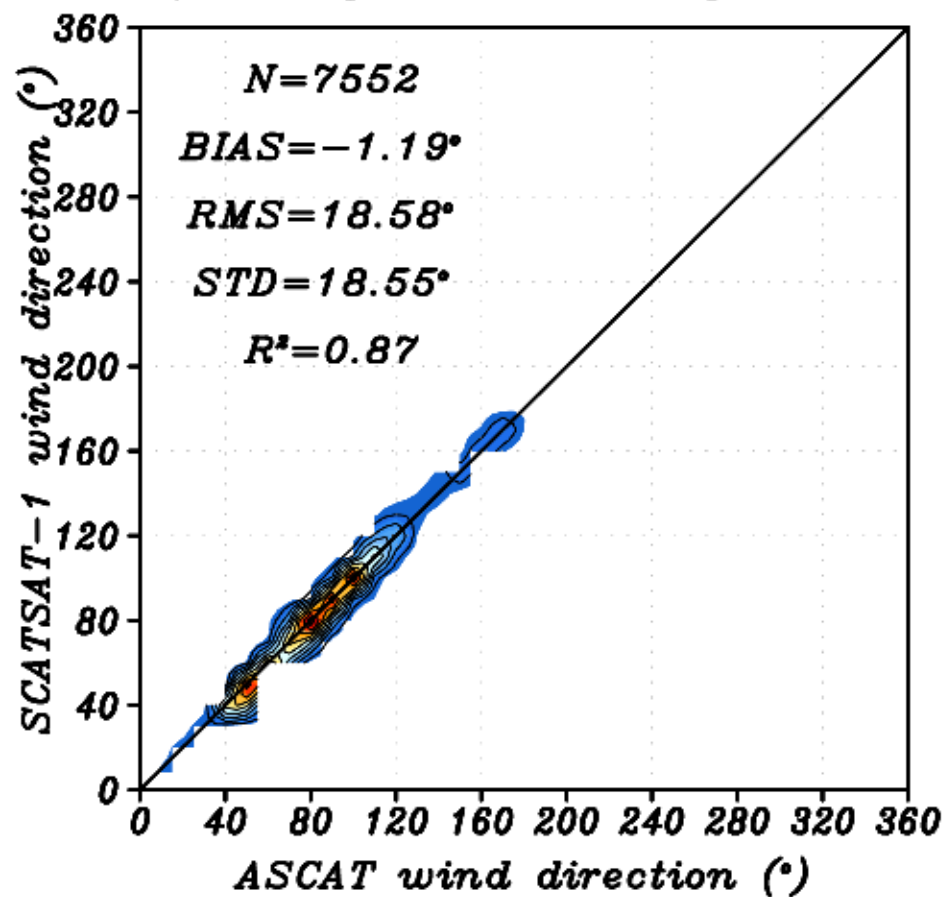
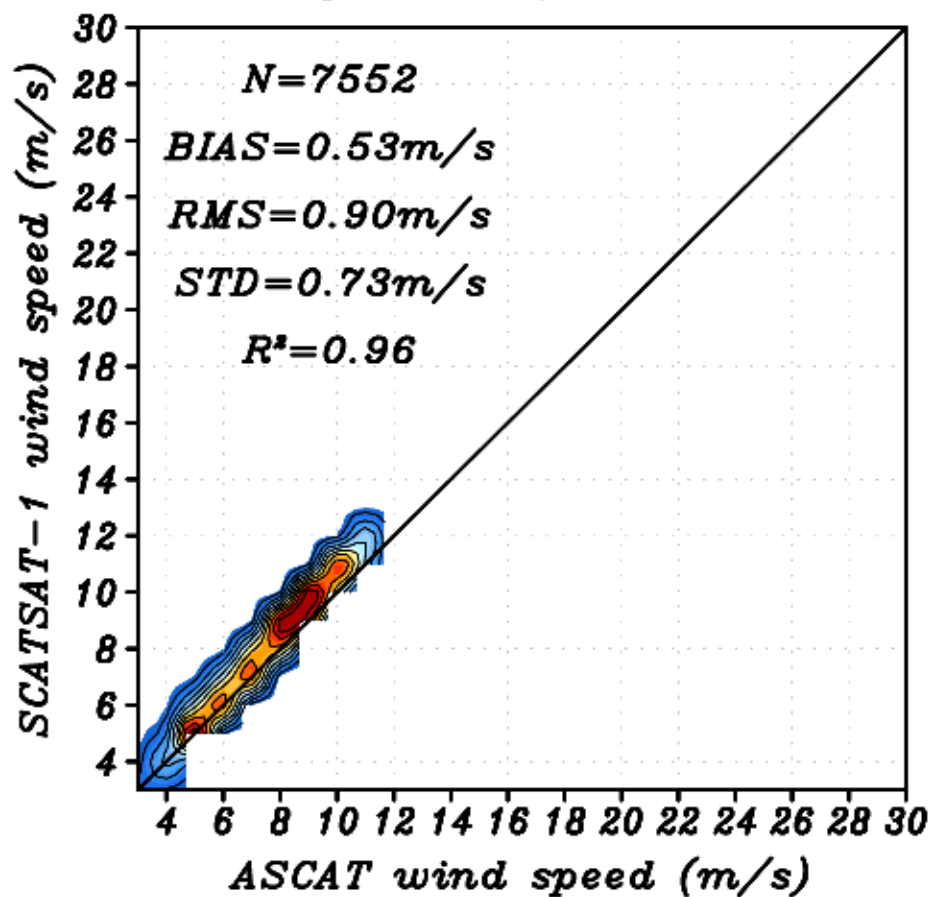
Date : 20DEC2019

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



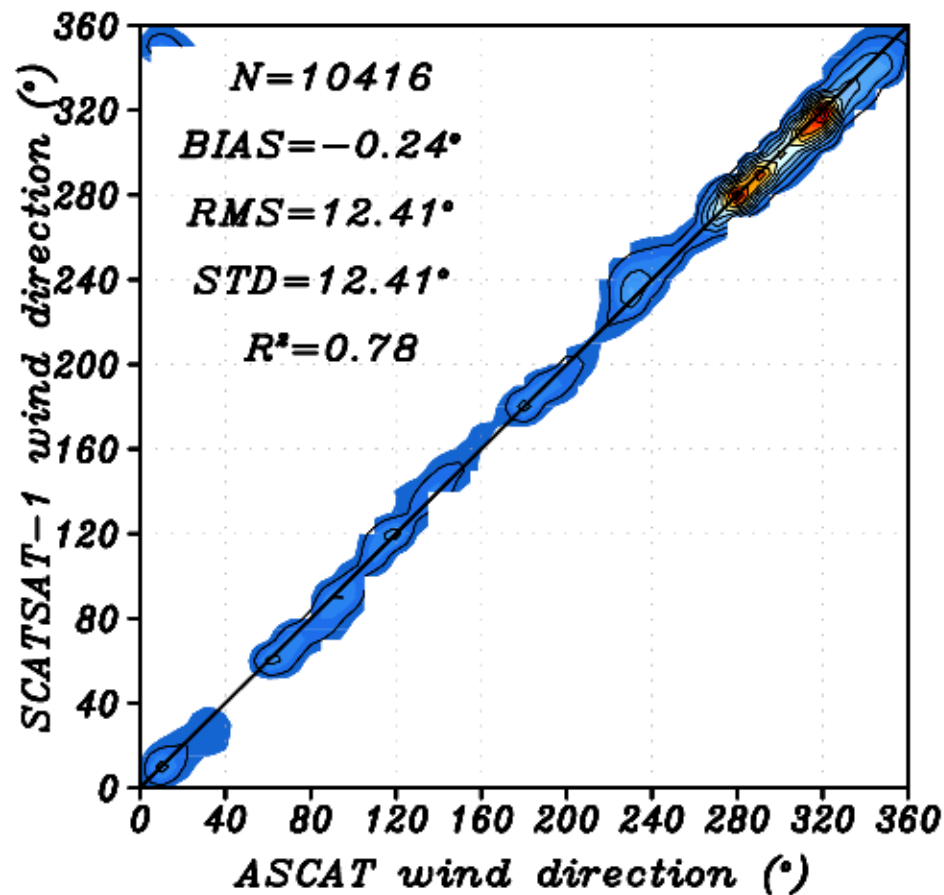
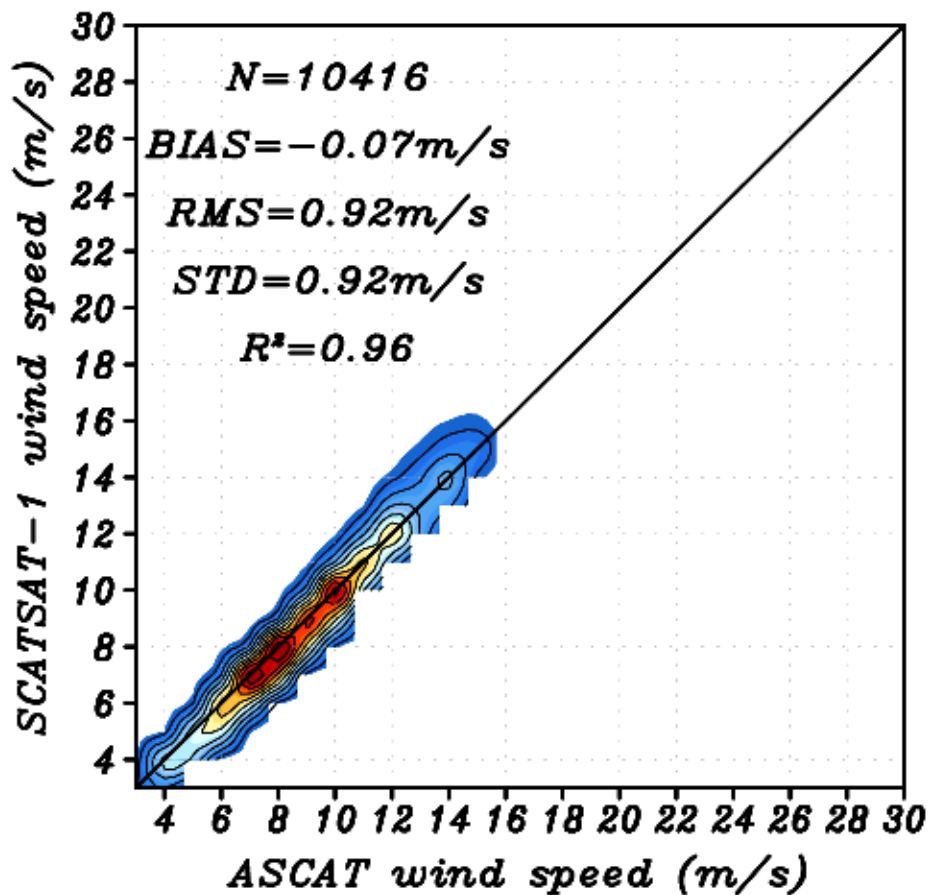
Date : 20DEC2019

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



Date : 20DEC2019

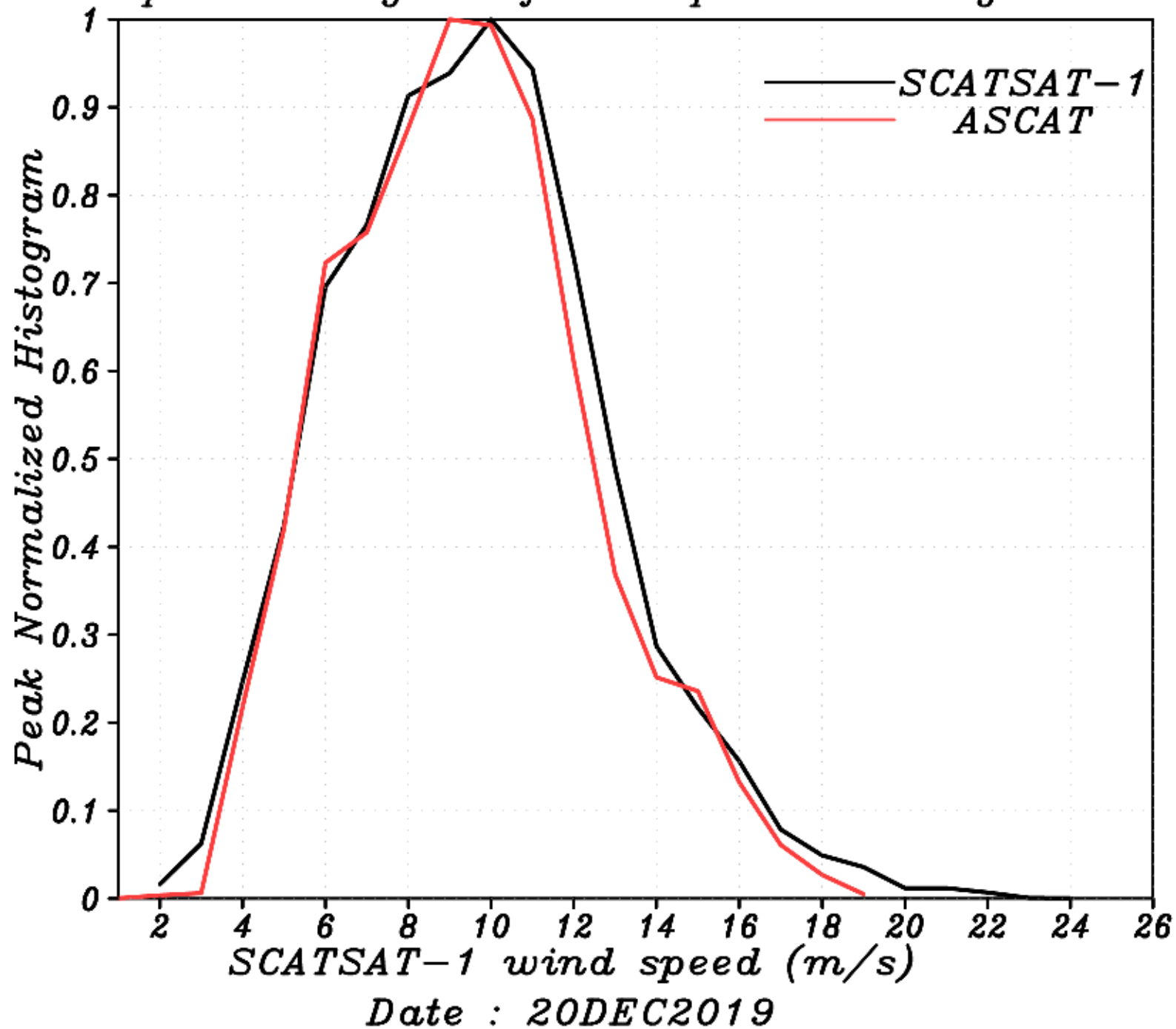
*Comparison of SCATSAT-1 and ASCAT for all passes over Southern Hemisphere*



Date : 20DEC2019

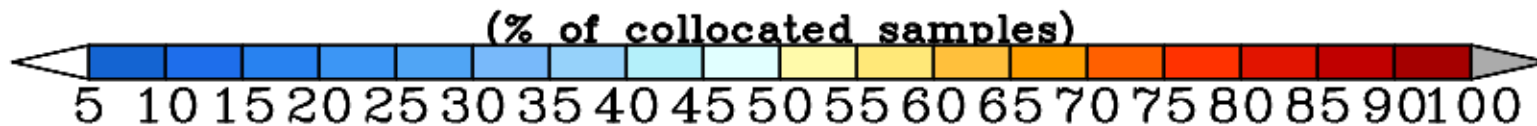
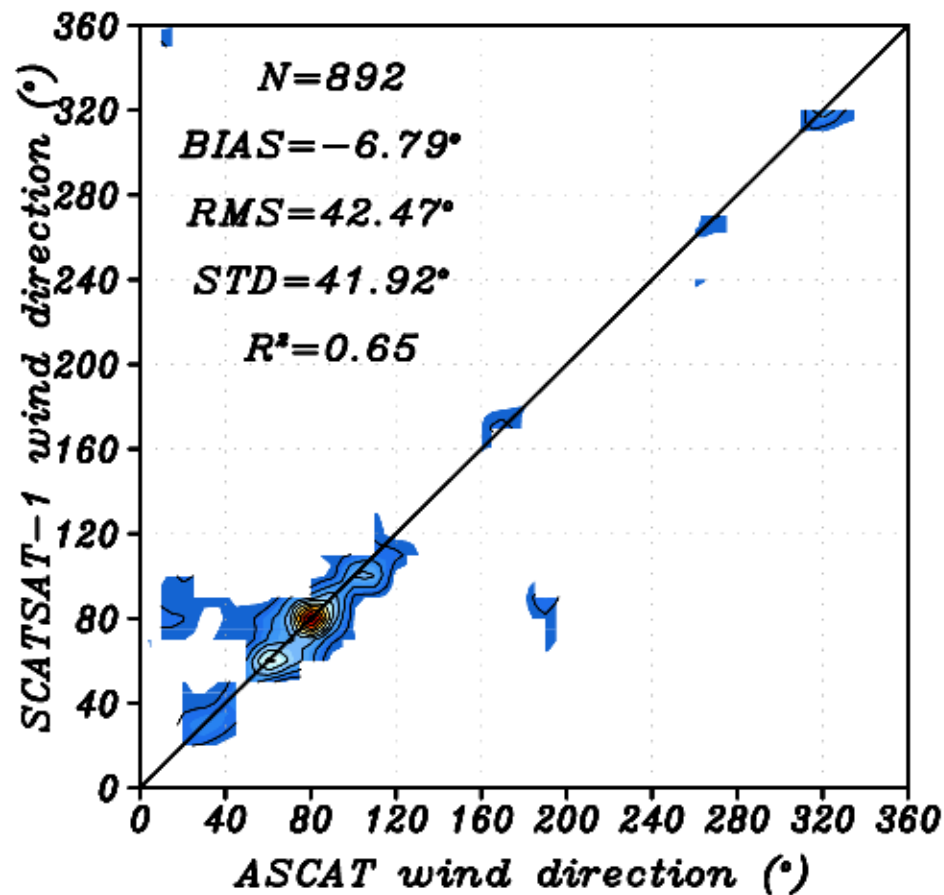
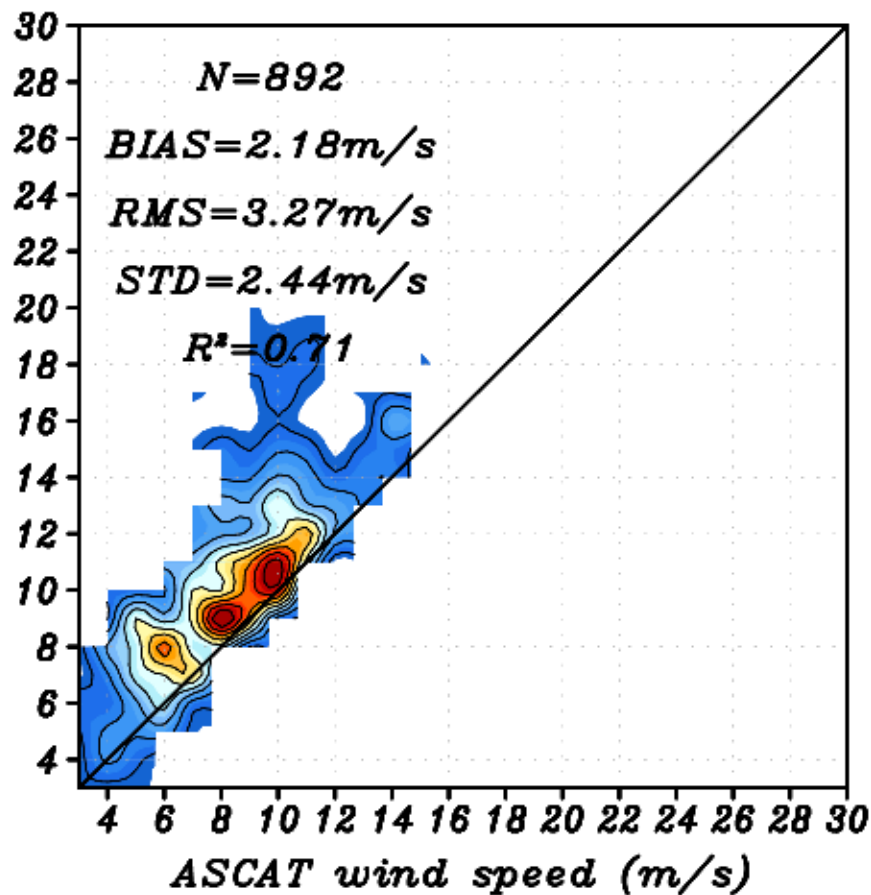


Wind speed Histogram for all passes over global oceans



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

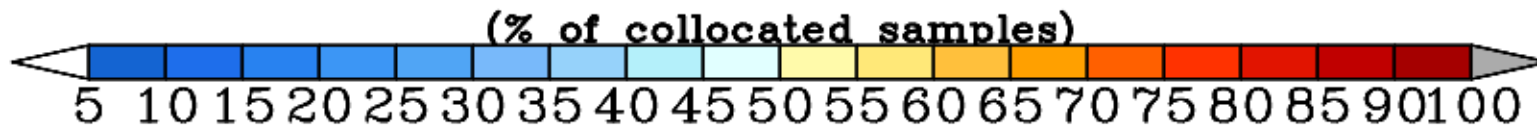
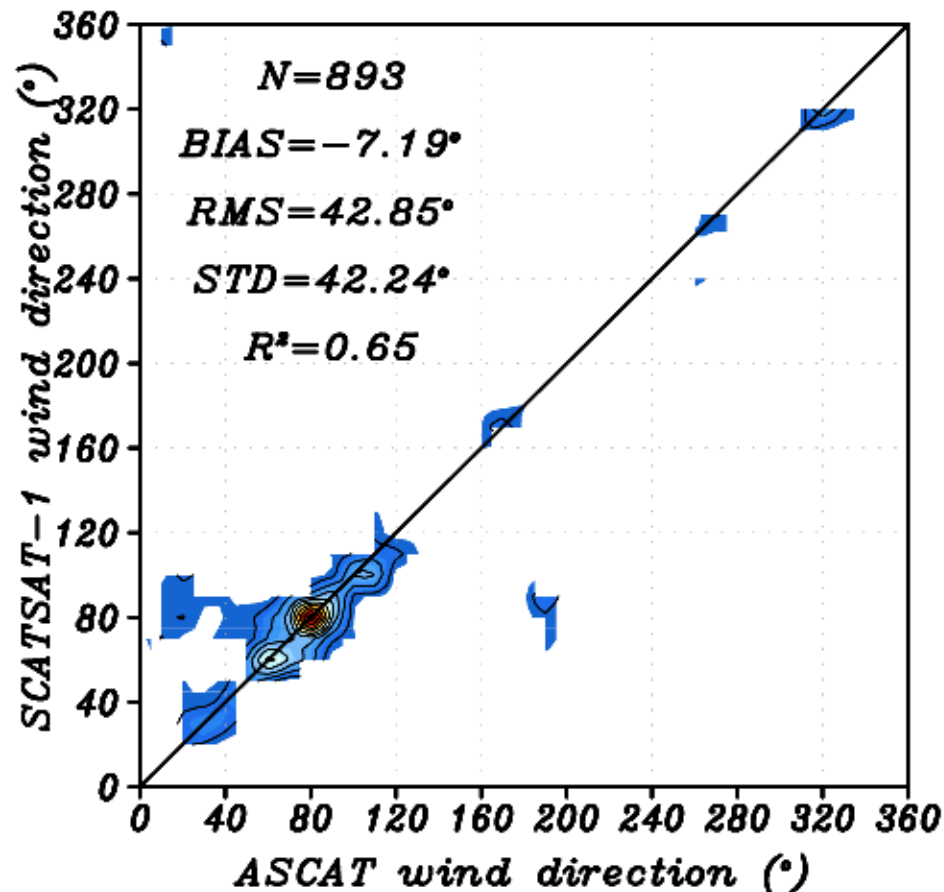
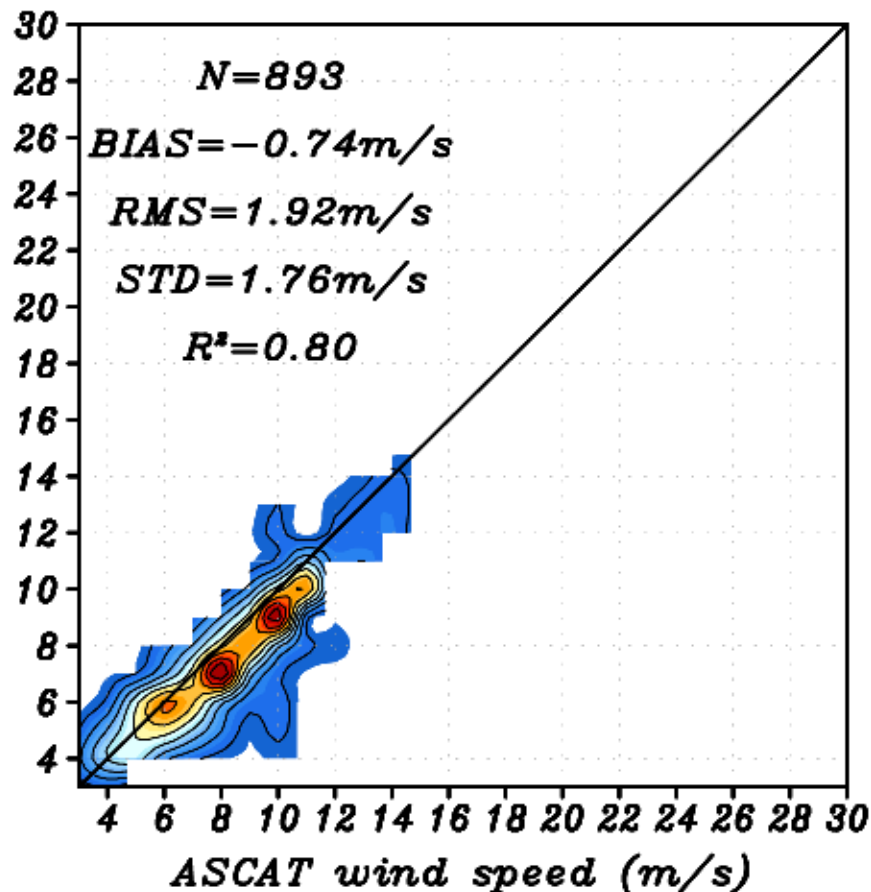
Comparison of SCATSAT-1 and ASCAT for Only RAINY cases over global oceans



Date : 20DEC2019

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

SCATSAT-1 wind speed (m/s): Rain corrected



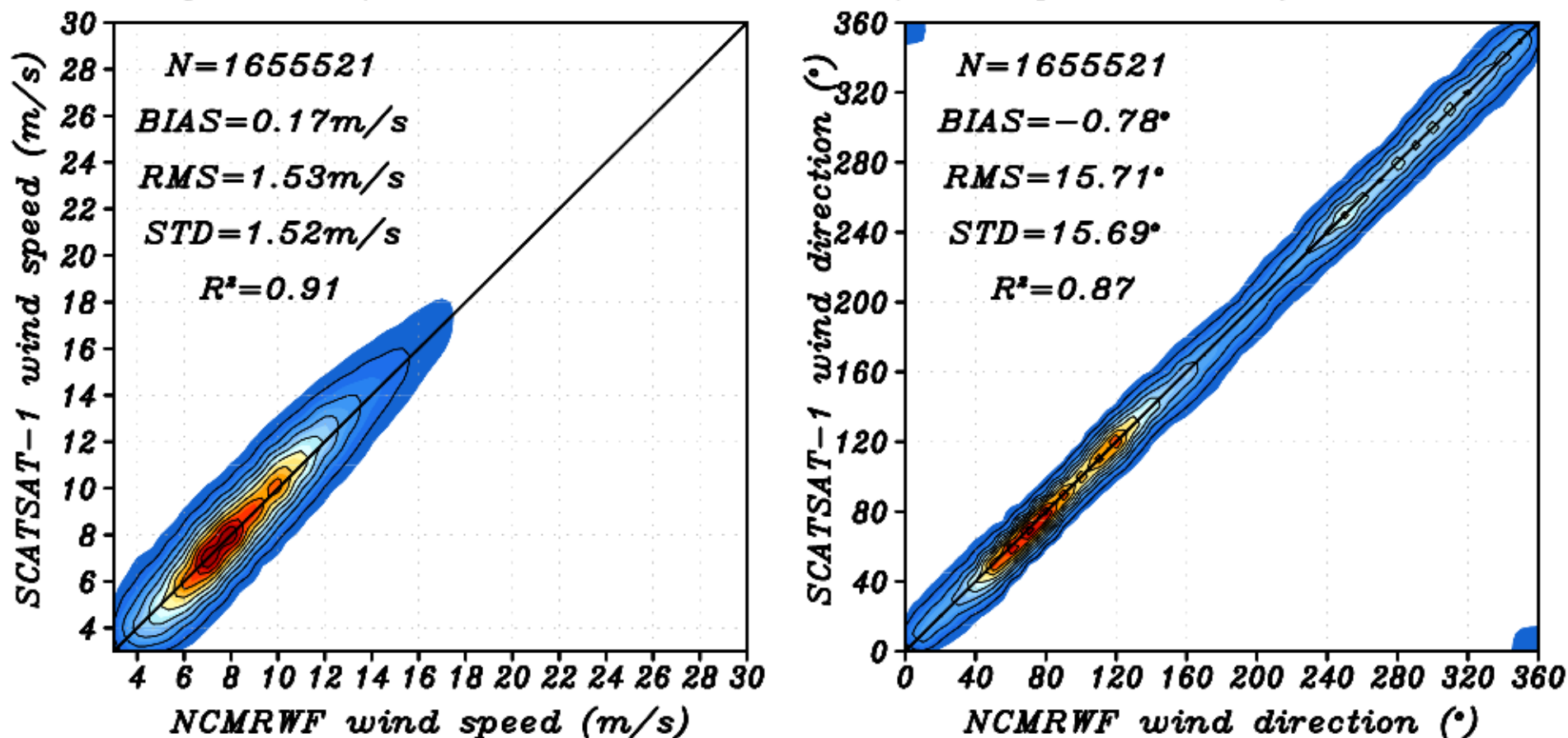
Date : 20DEC2019

*COMPARISON WITH NWP(NCMRWF)*

*Date : 20DEC2019*

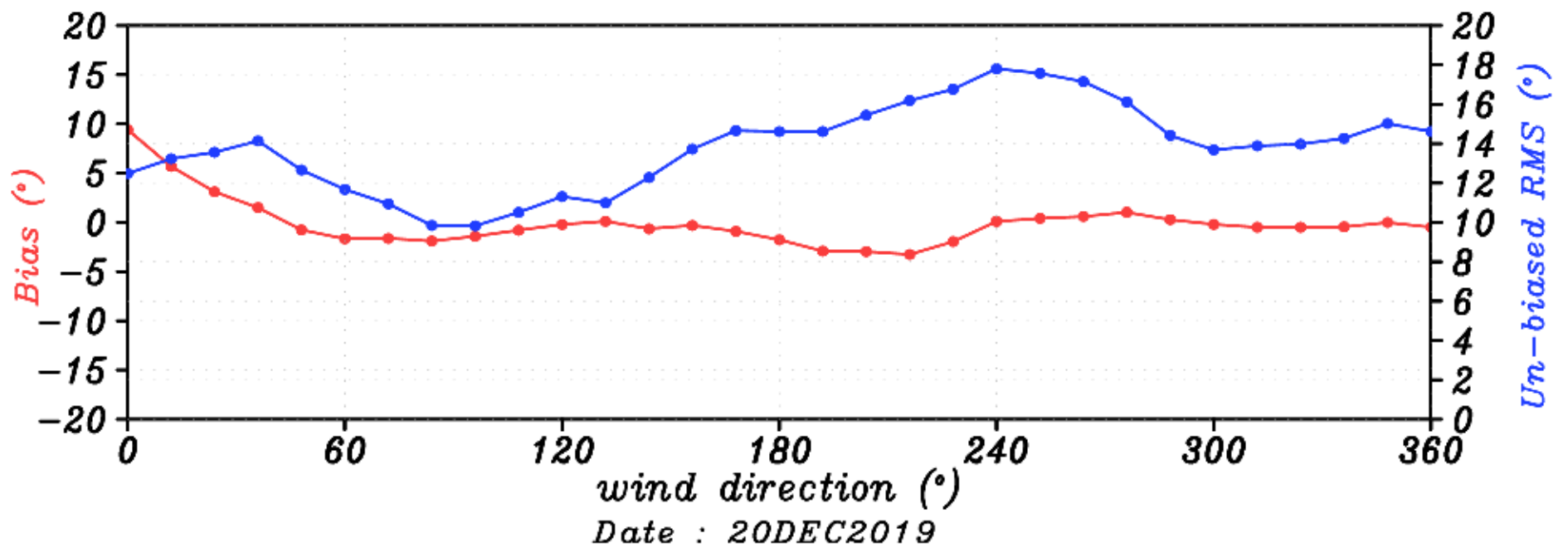
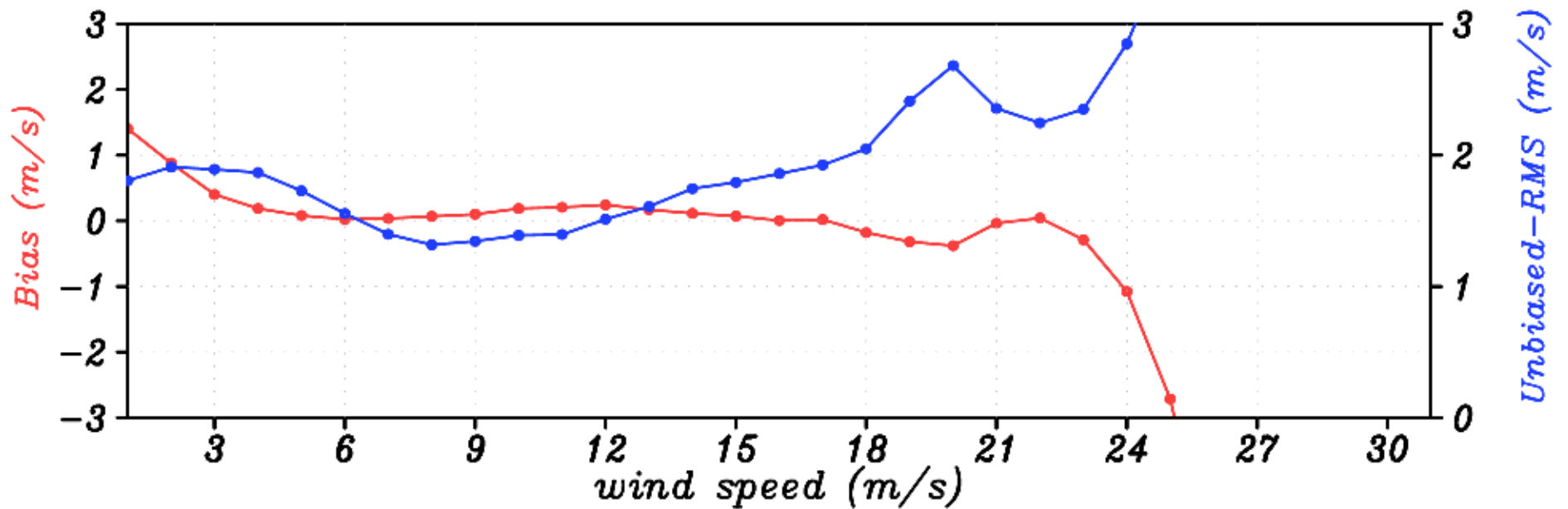
*Collocation: delR=0.25°; delT=+/-3 hr*

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



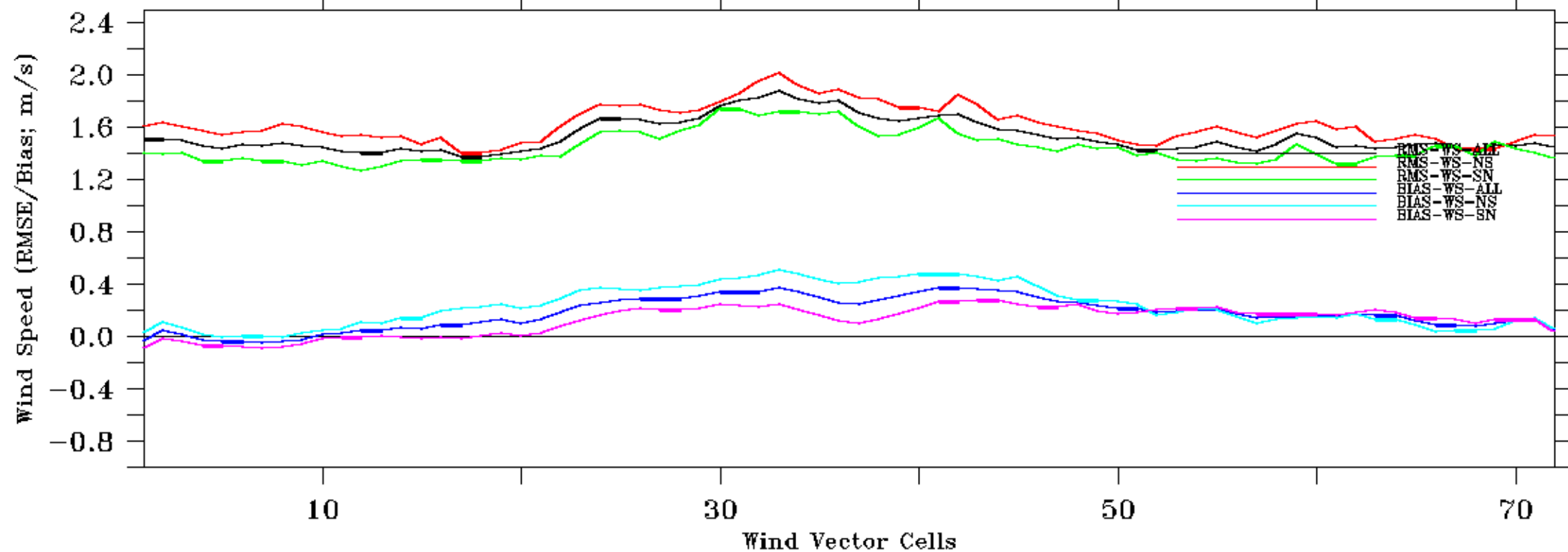
Date : 20DEC2019

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



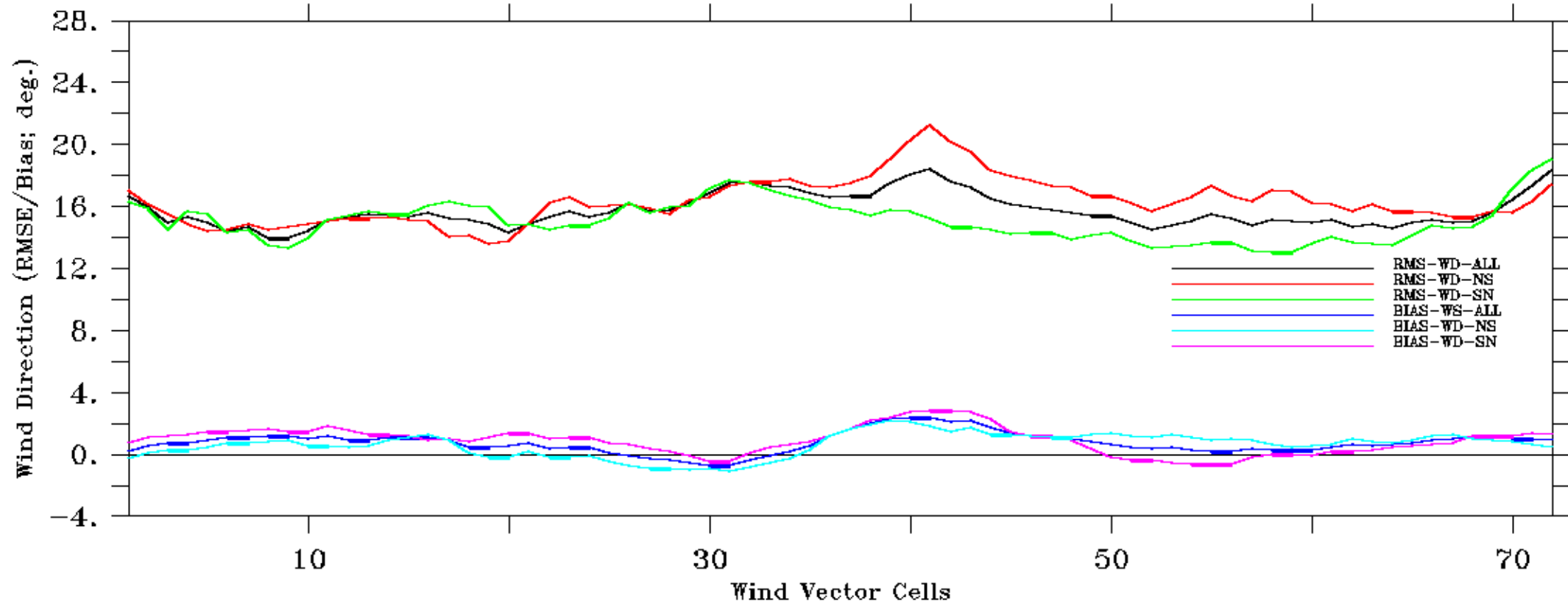
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Comparison of SCATSAT-1 and NCMRWF for all passes over global oceans



Date : 20DEC2019

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



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