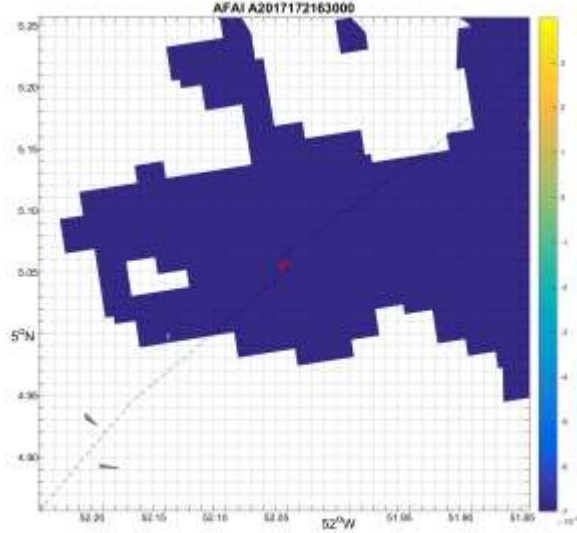
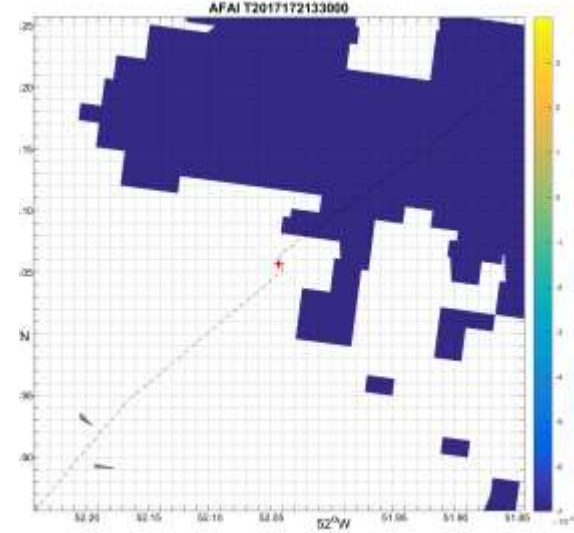


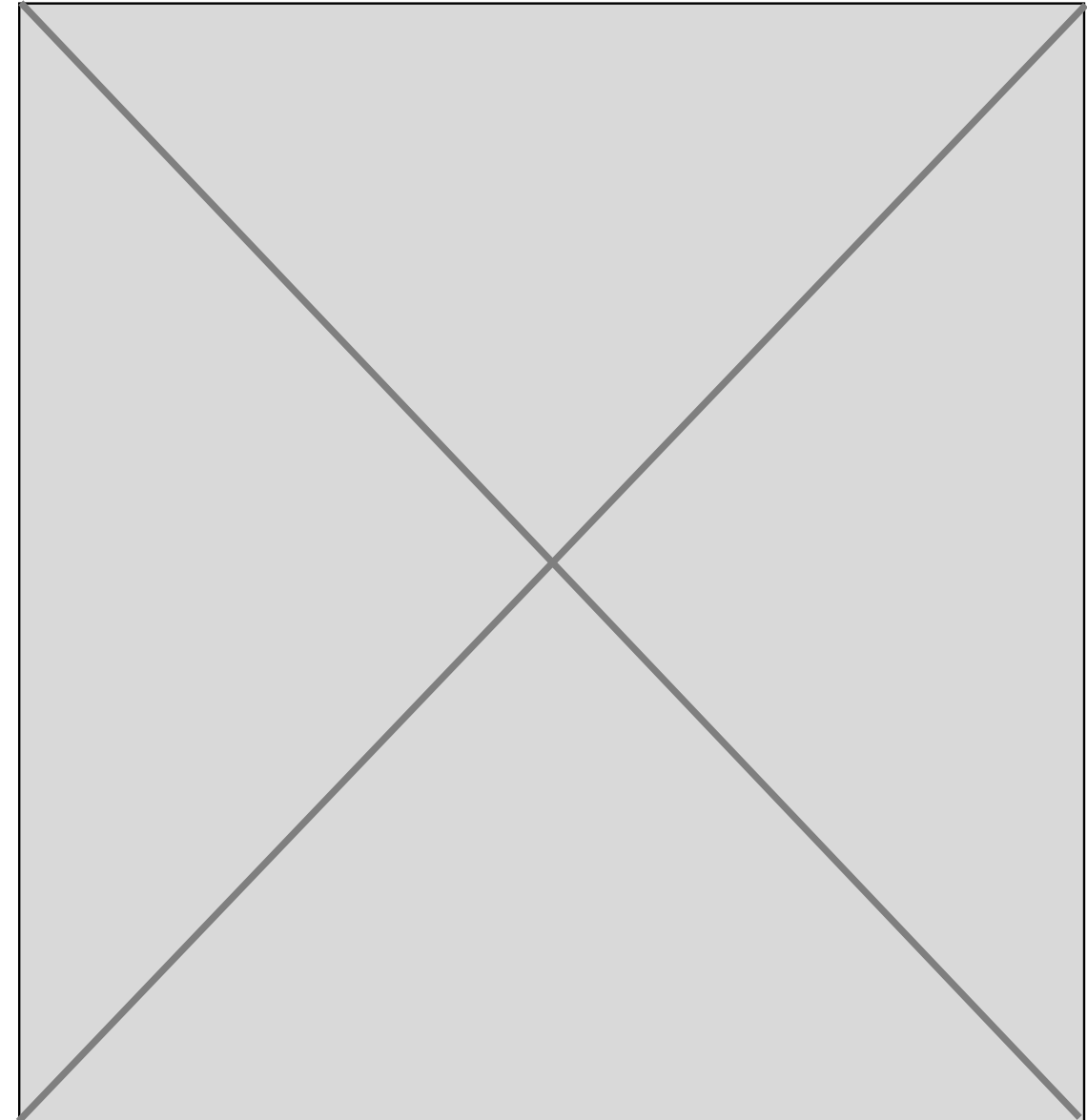
MODIS-A (1km)



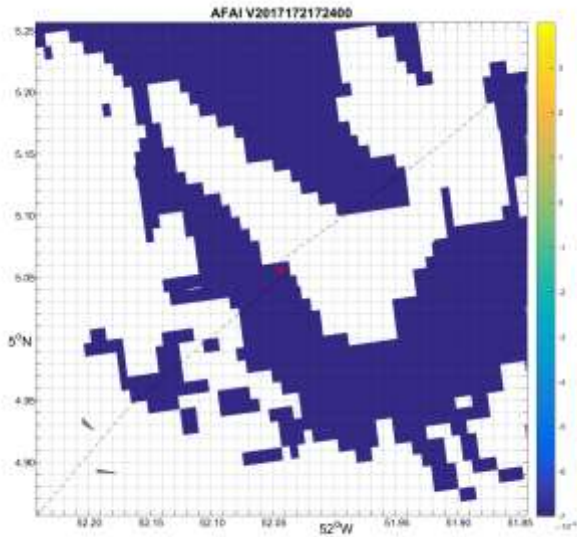
MODIS-T (1km)



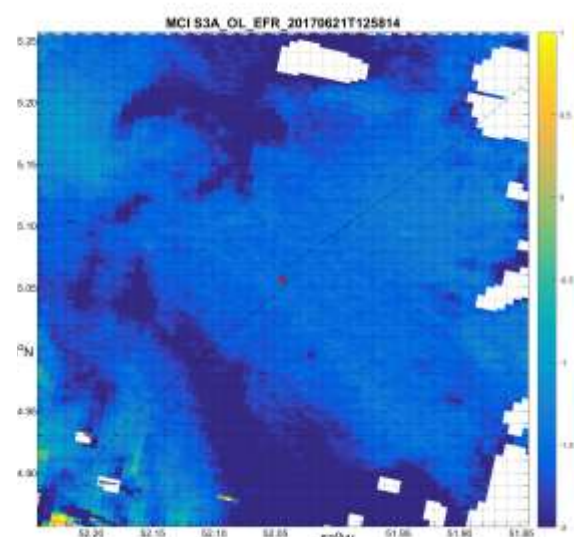
In situ - absence



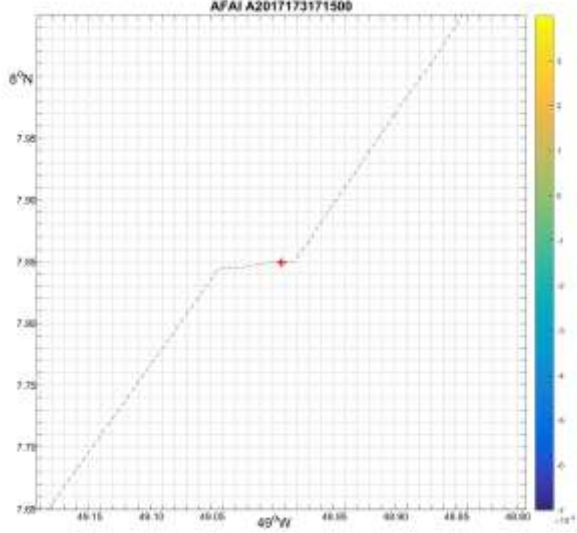
VIIRS (750 m)



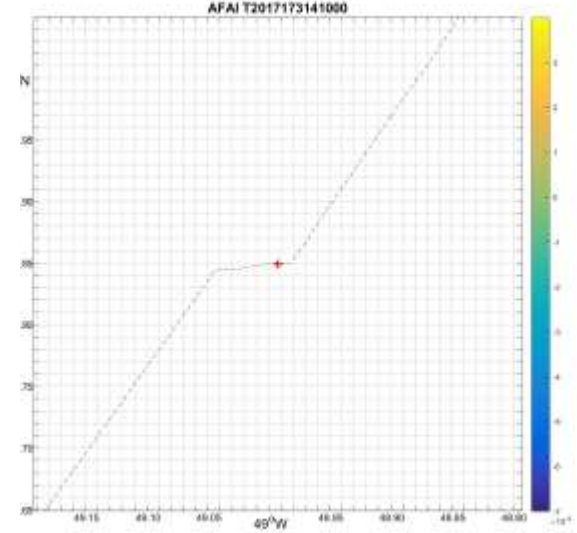
OLCI (300m)



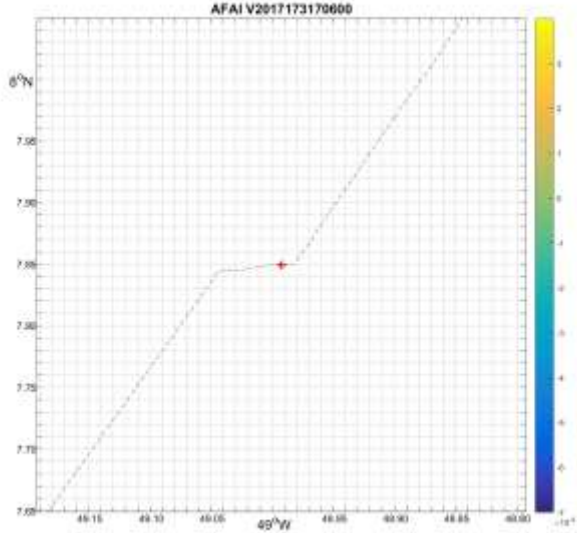
MODIS-A (1km)



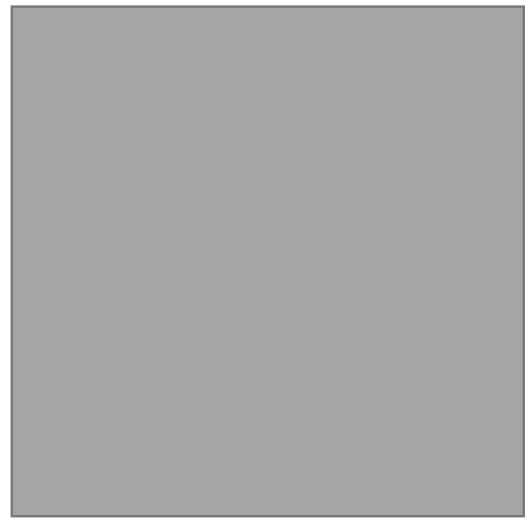
MODIS-T (1km)



VIIRS (750 m)



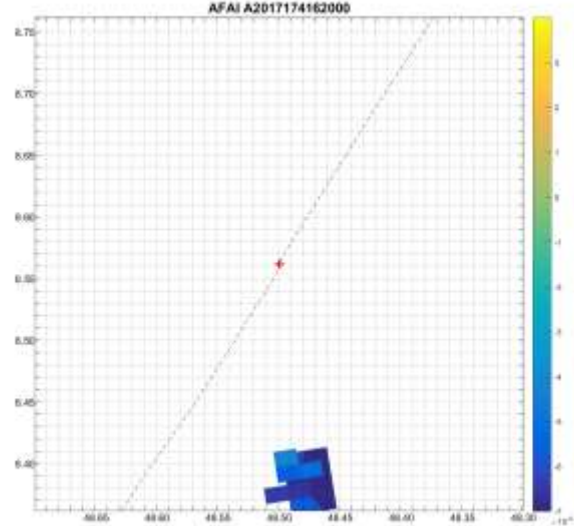
OLCI (300m)



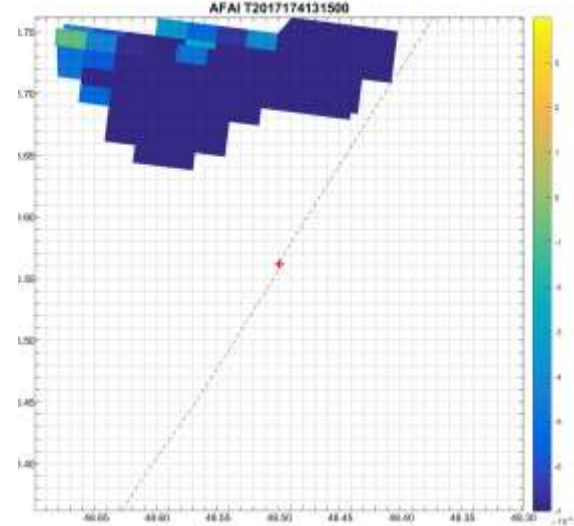
In situ - Type 3



MODIS-A (1km)



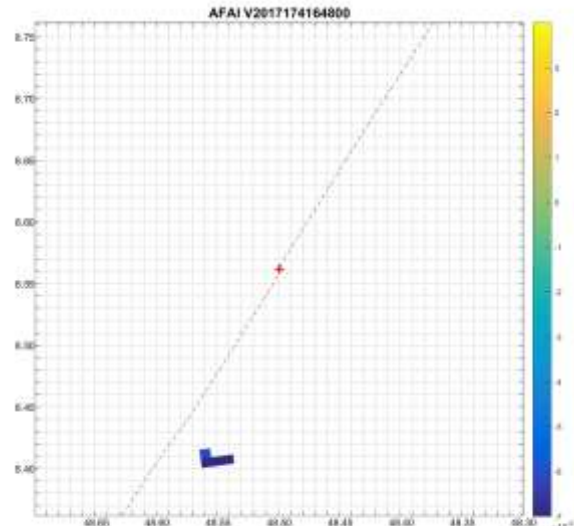
MODIS-T (1km)



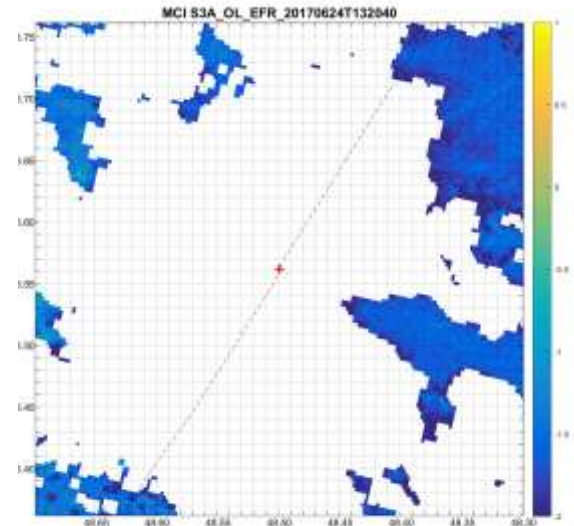
In situ - Type 3



VIIRS (750 m)

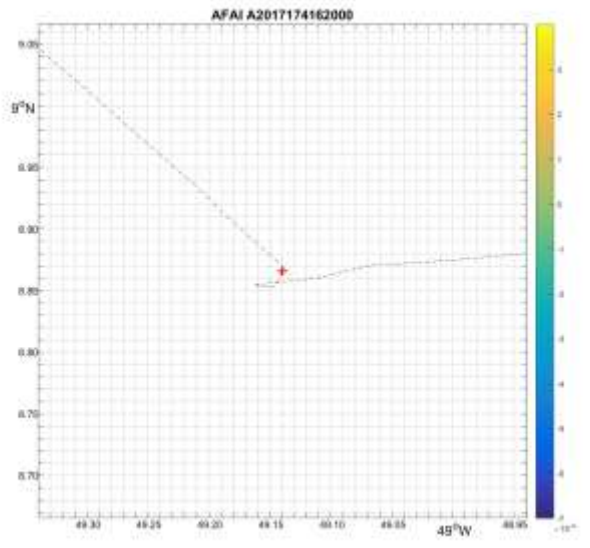


OLCI (300m) + 1 jour

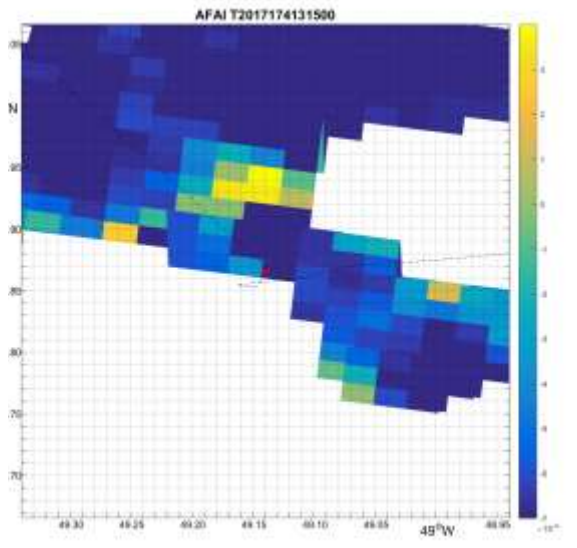


In situ - Type 3

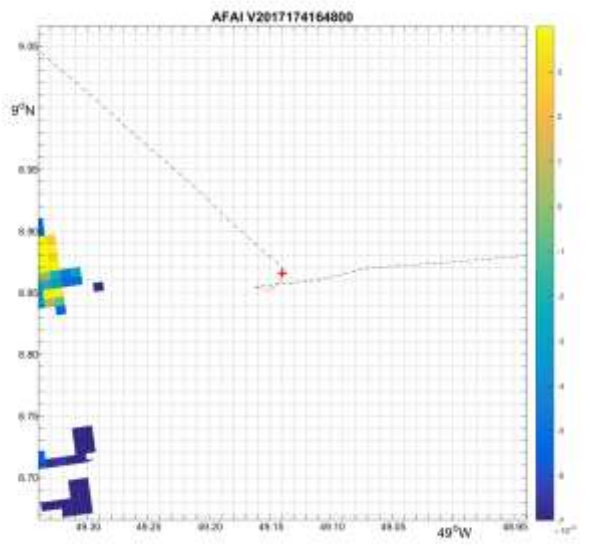
MODIS-A (1km)



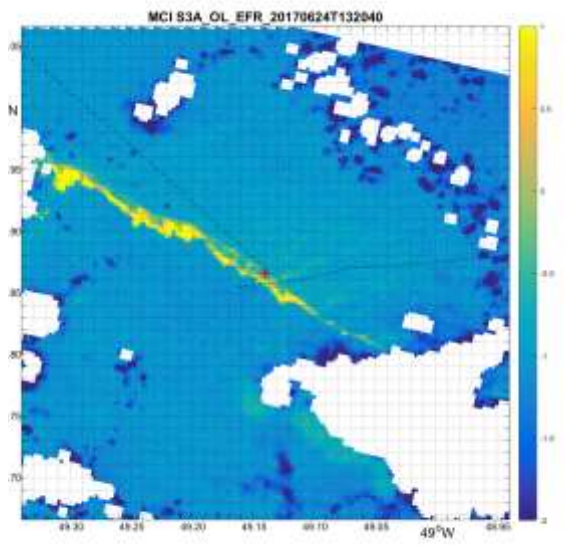
MODIS-T (1km)



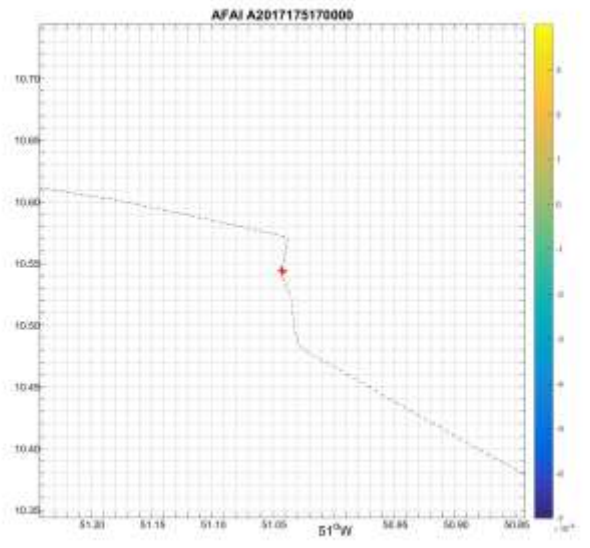
VIIRS (750 m)



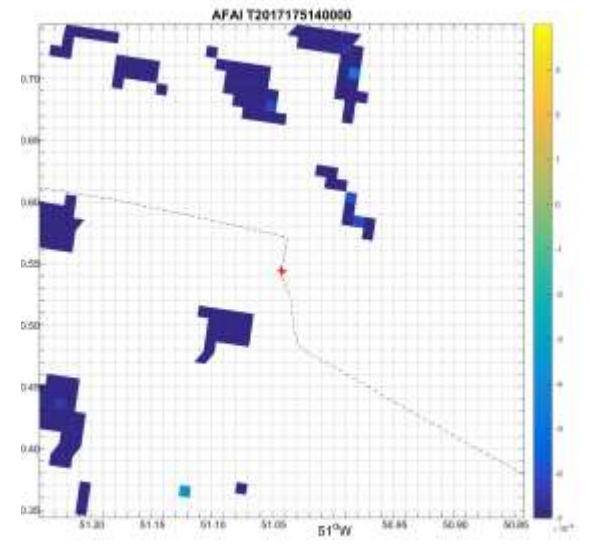
OLCI (300m) + 1 day



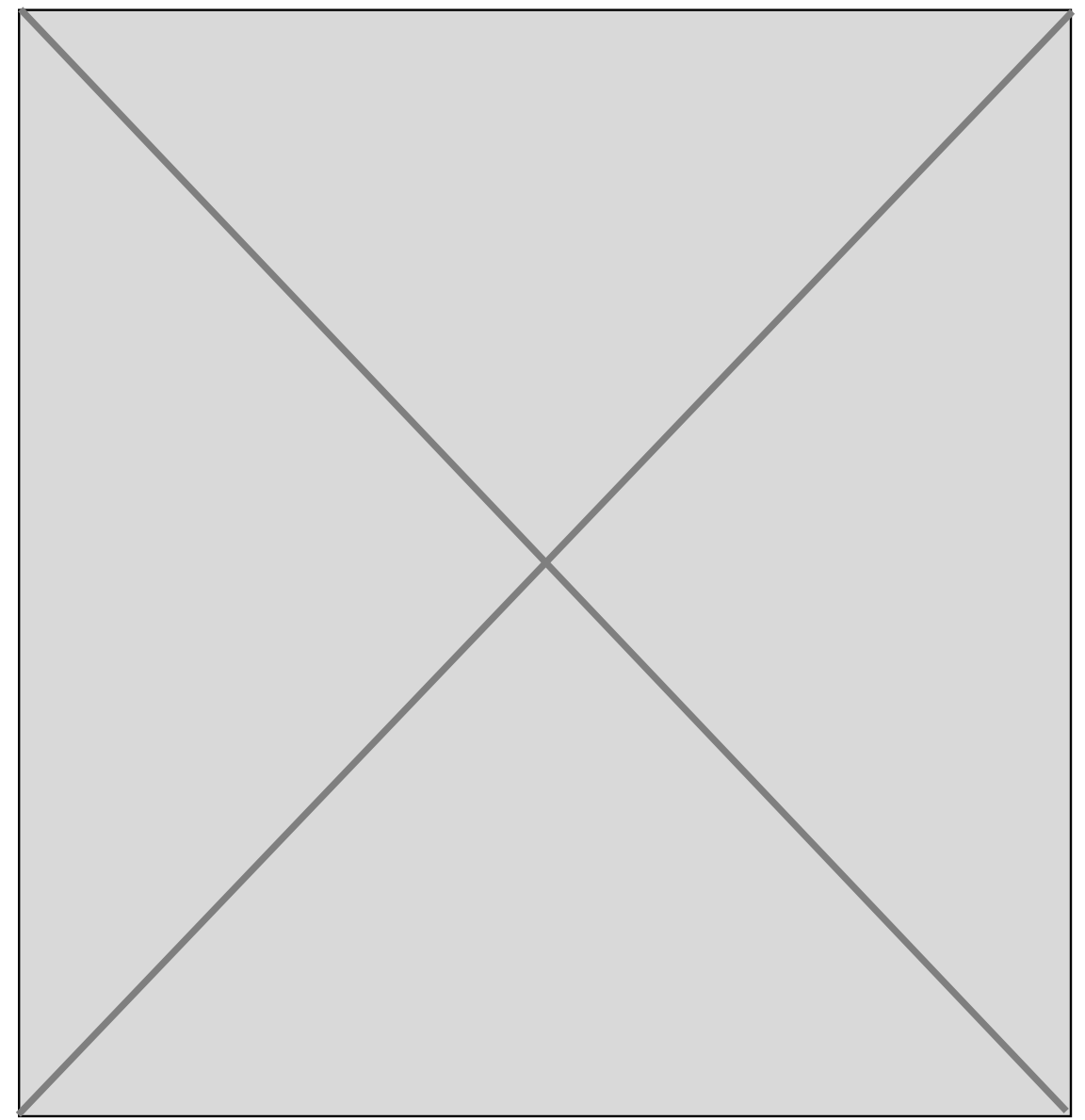
MODIS-A (1km)



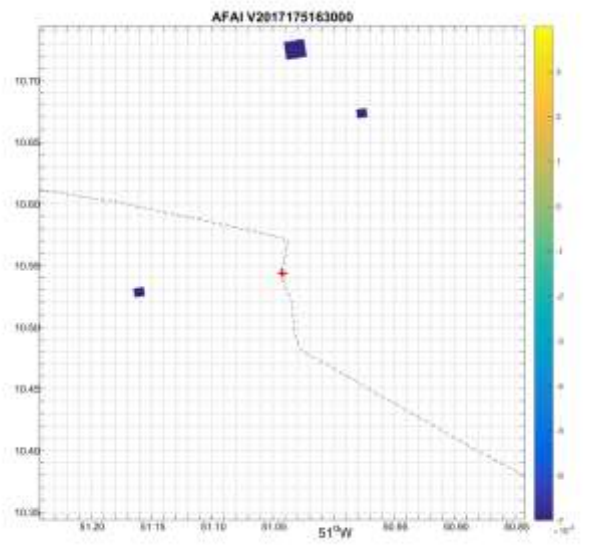
MODIS-T (1km)



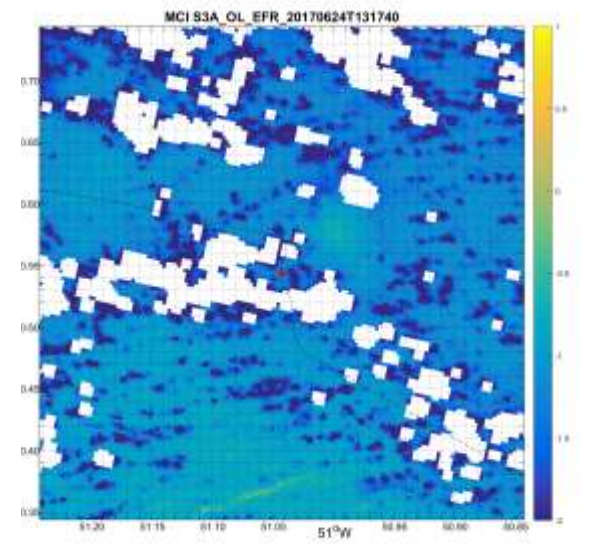
In situ - Type 2



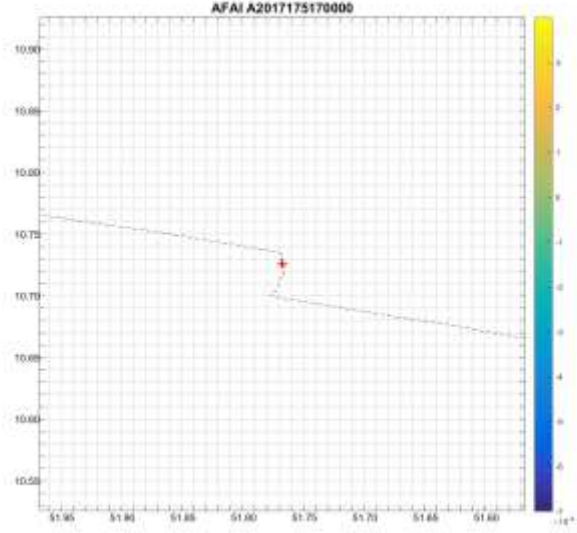
VIIRS (750 m)



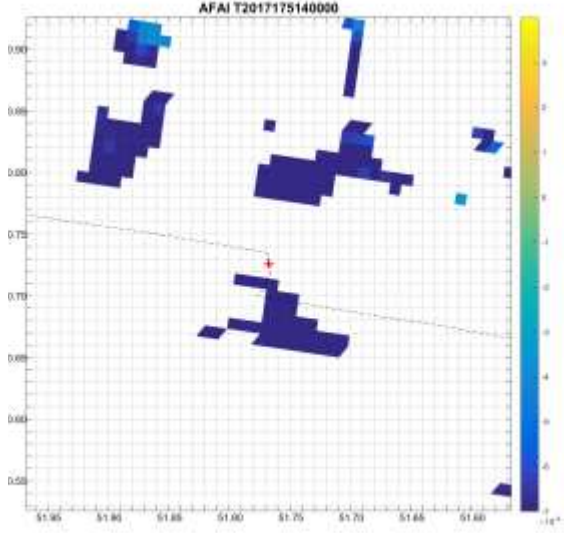
OLCI (300m)



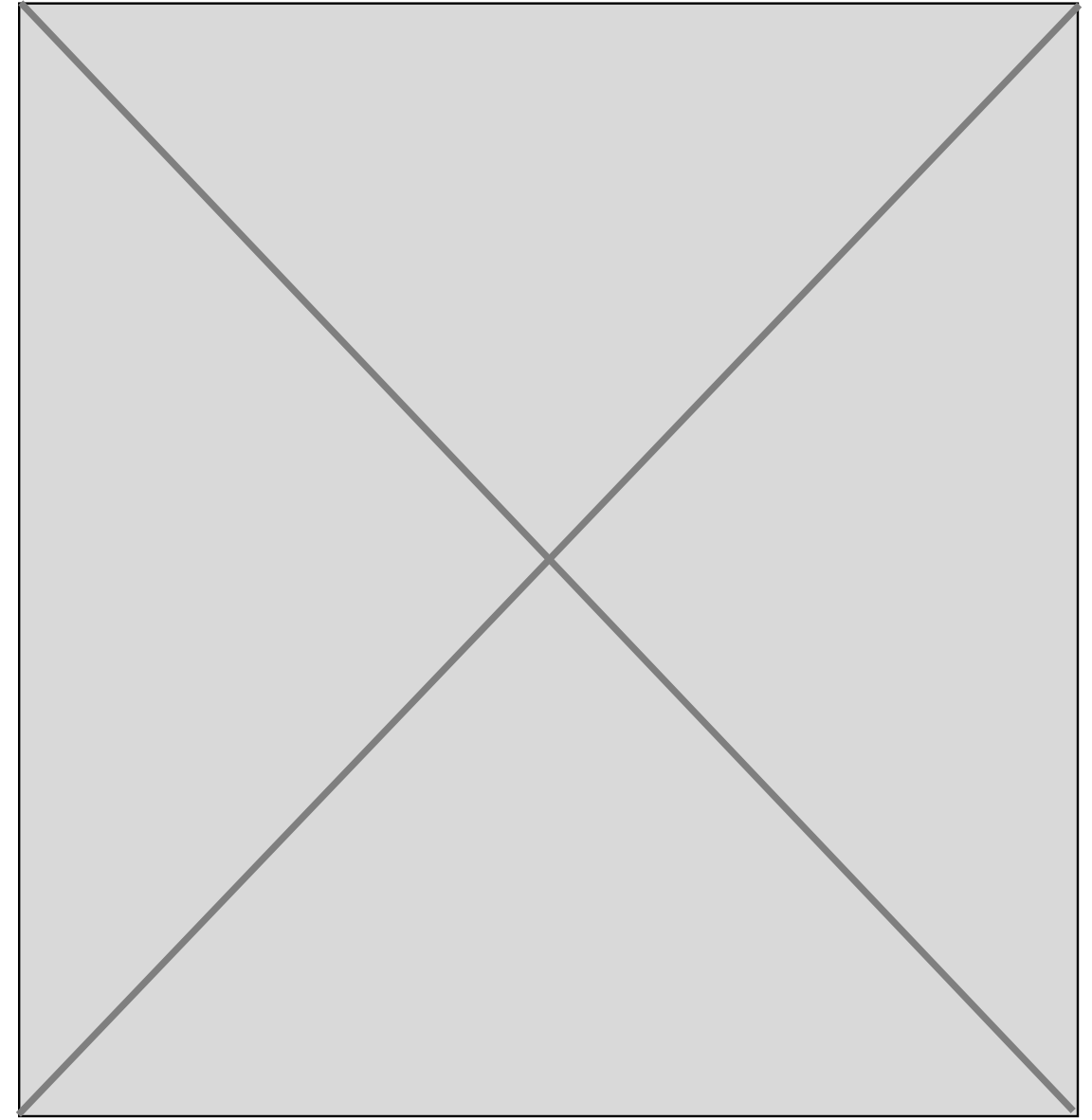
MODIS-A (1km)



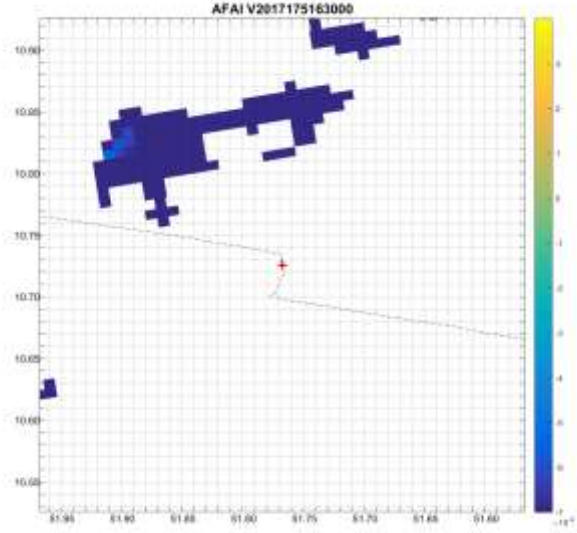
MODIS-T (1km)



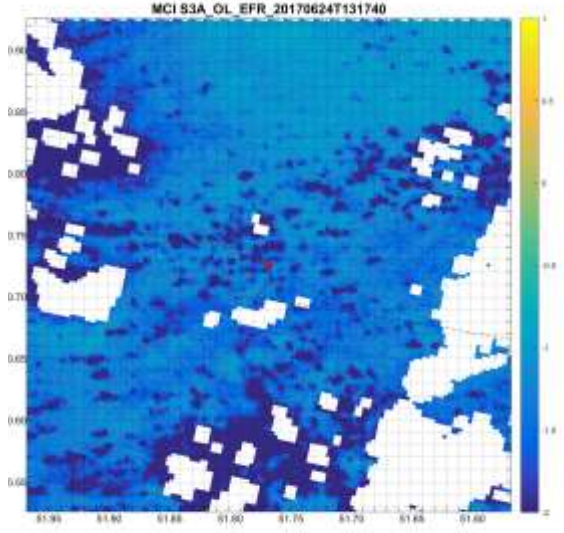
In situ - Type 2



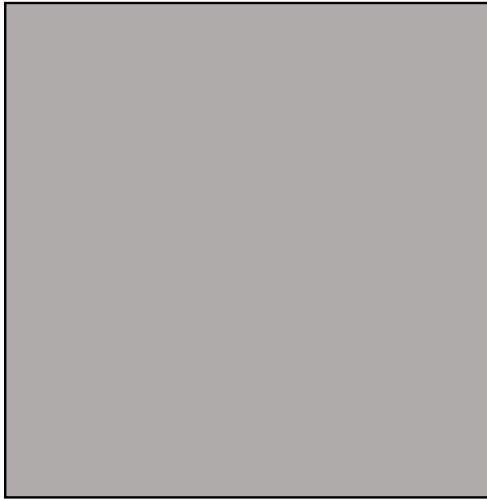
VIIRS (750 m)



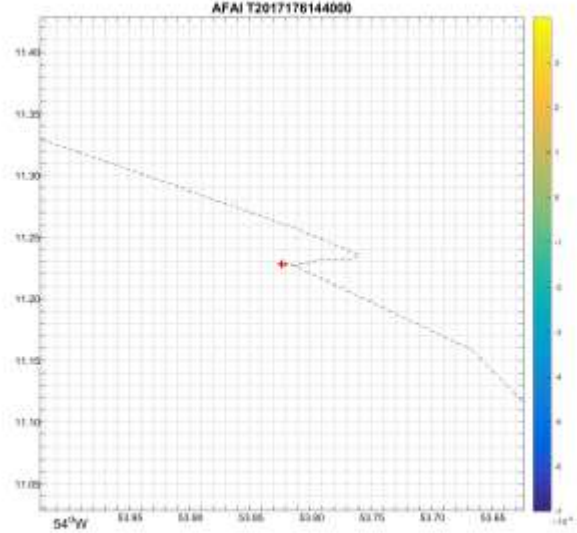
OLCI (300m)



MODIS-A (1km)



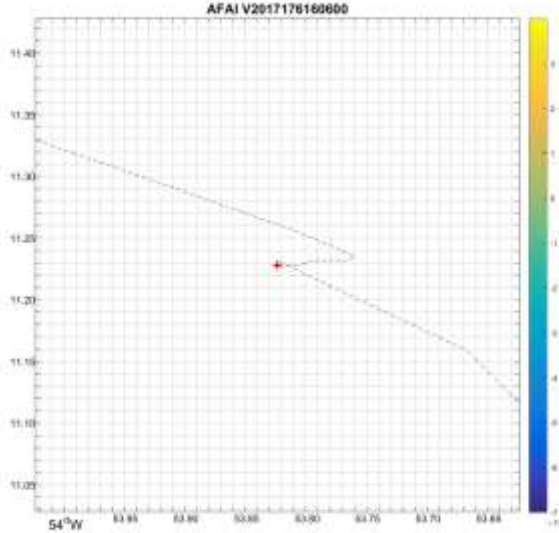
MODIS-T (1km)



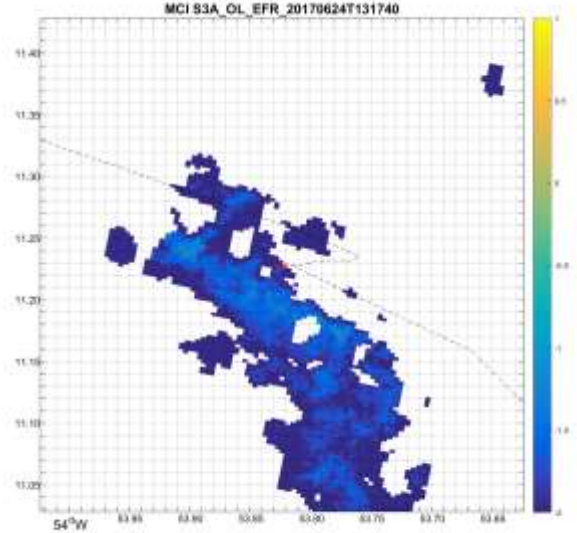
In situ - Type 3



VIIRS (750 m)

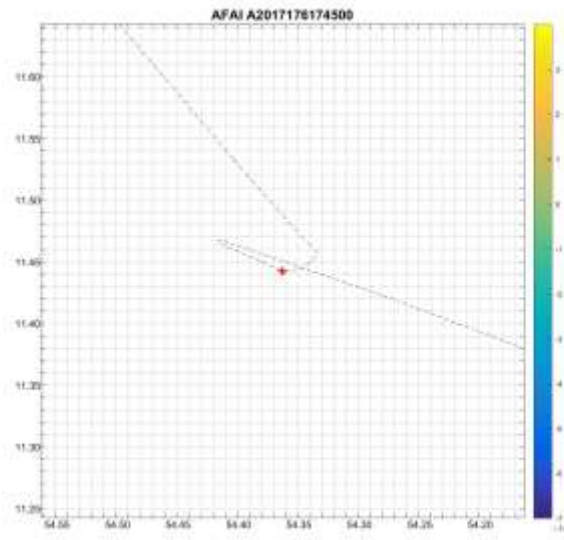


OLCI (300m) - 1 day

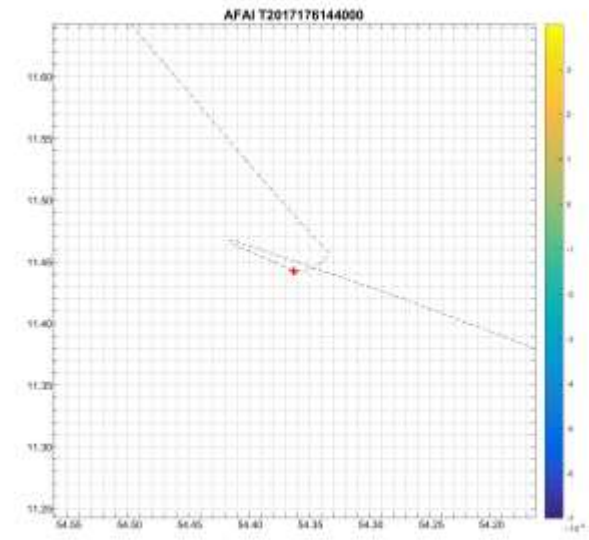


In situ - Type 2

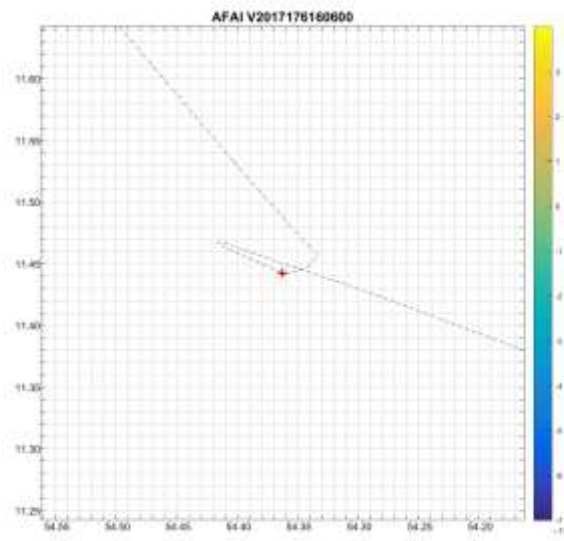
MODIS-A (1km)



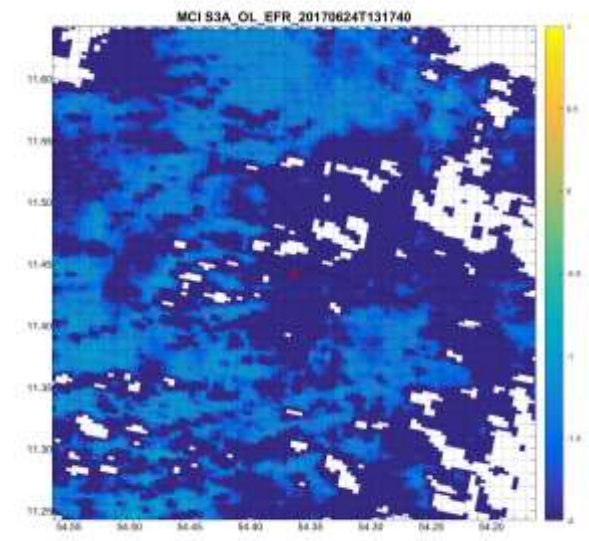
MODIS-T (1km)



VIIRS (750 m)

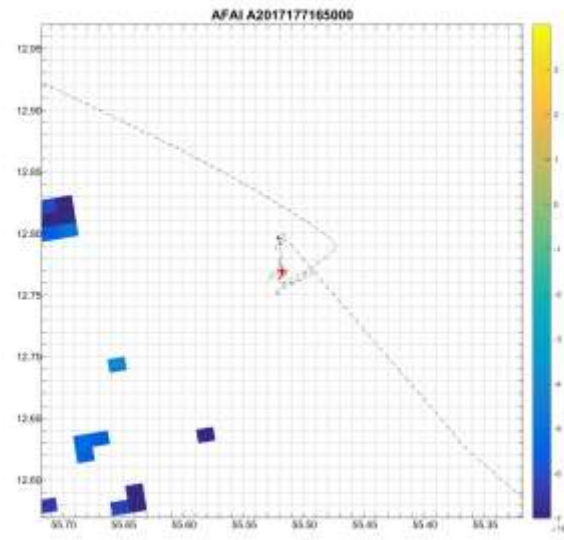


OLCI (300m) - 1 day

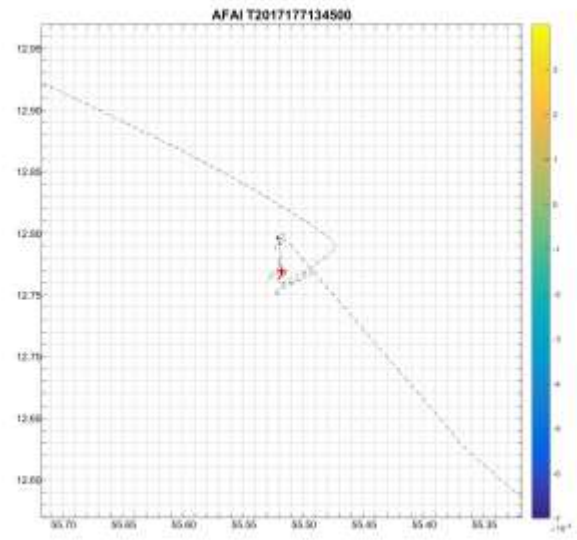


Affected by haze (diminish the MCI value)

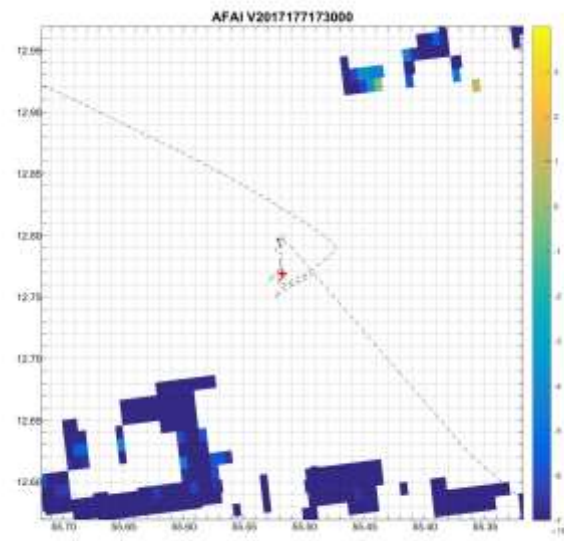
MODIS-A (1km)



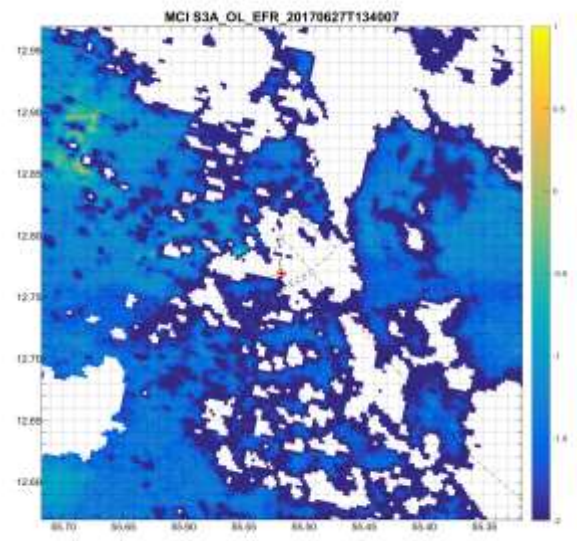
MODIS-T (1km)



VIIRS (750 m)



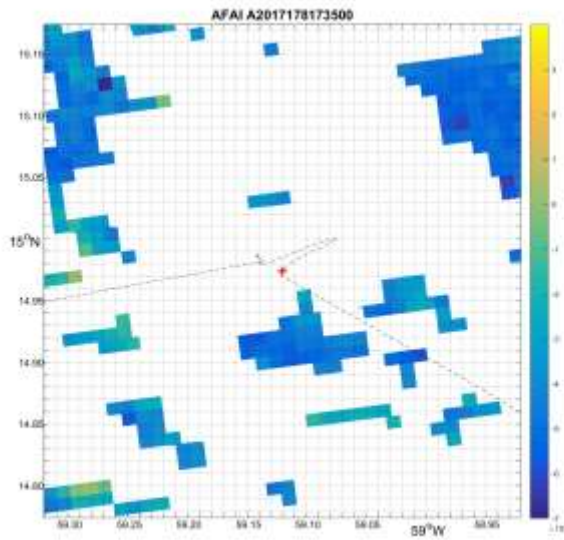
OLCI (300m) + 1 day



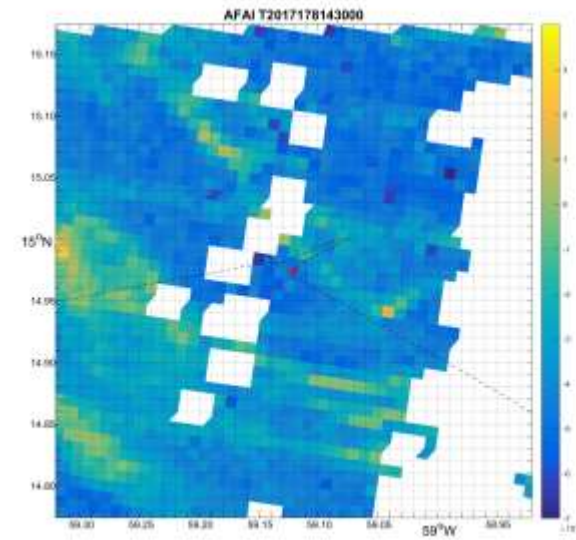
In situ - Type 5



MODIS-A (1km)



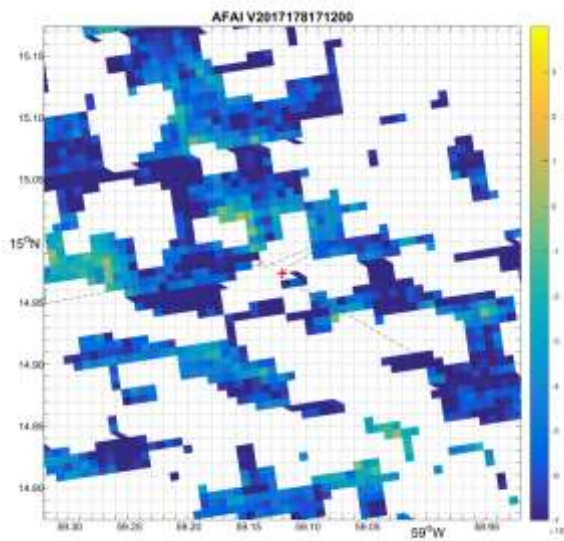
MODIS-T (1km)



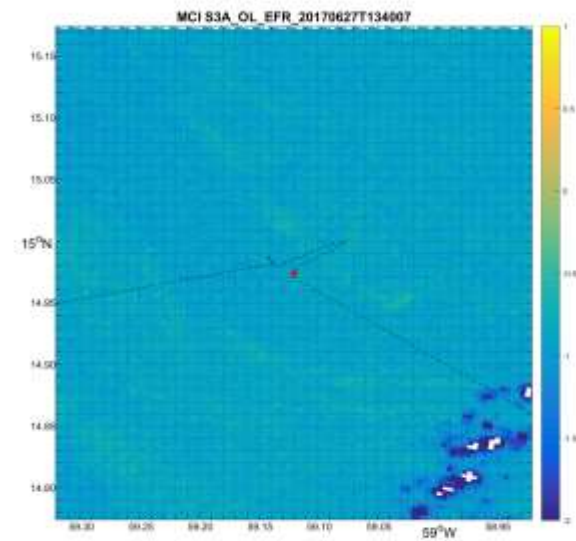
In situ - Type 3



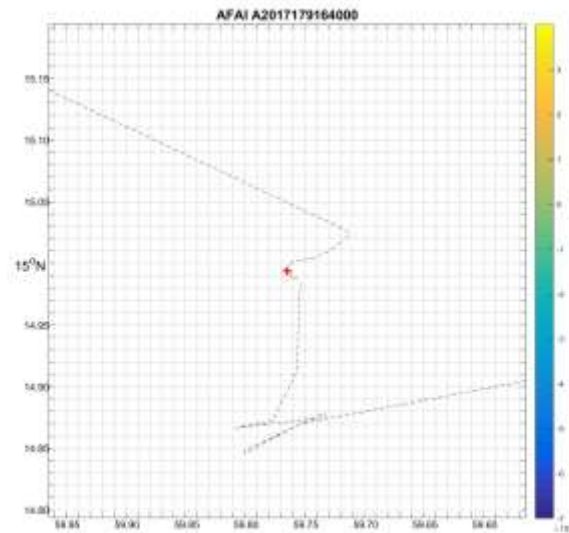
VIIRS (750 m)



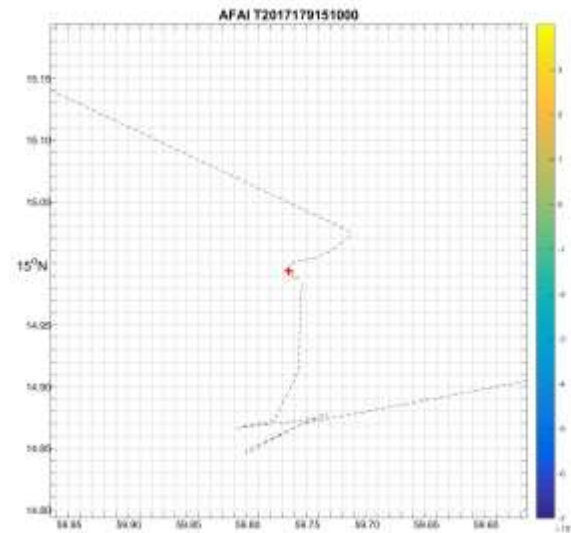
OLCI (300m)



MODIS-A (1km)



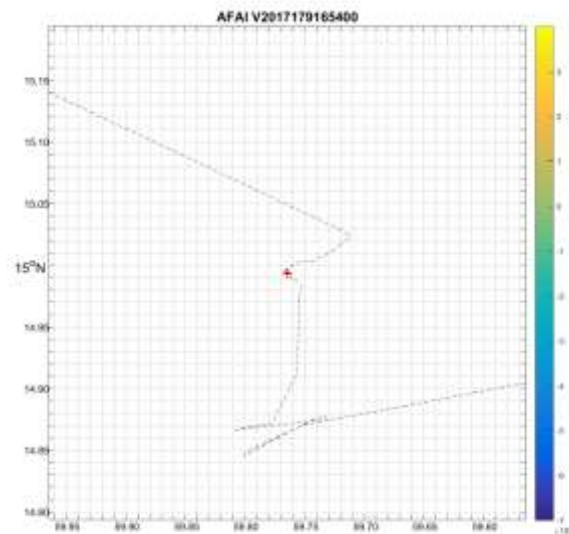
MODIS-T (1km)



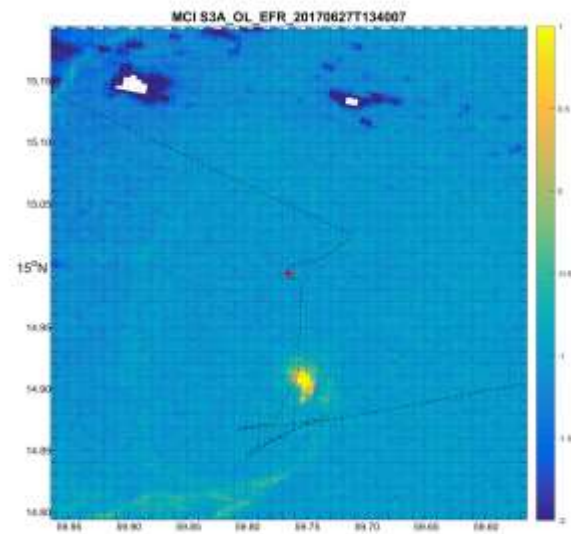
In situ - Type 3



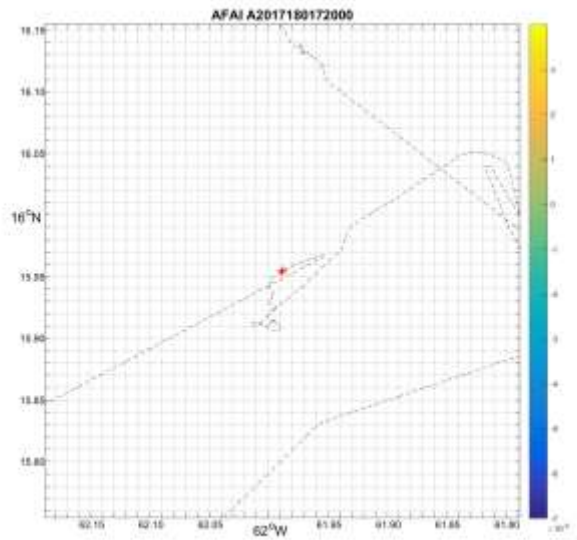
VIIRS (750 m)



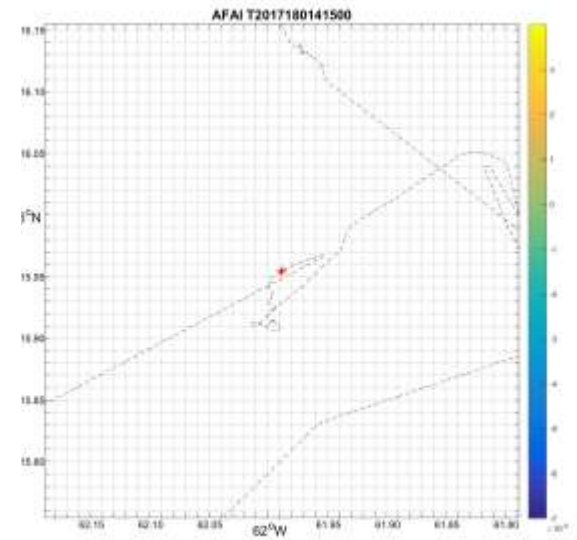
OLCI (300m) - 1 day



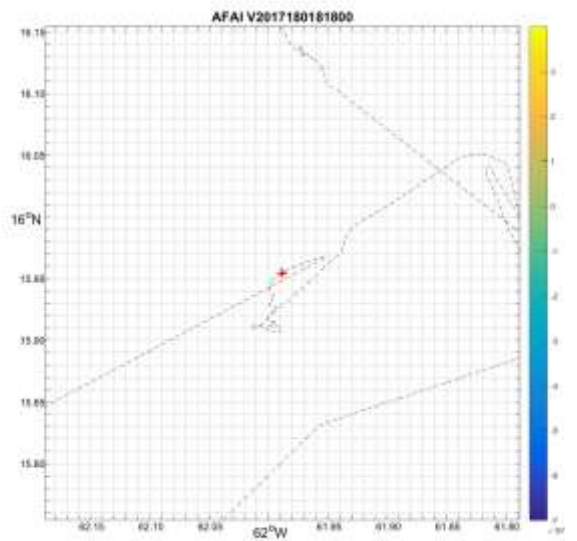
MODIS-A (1km)



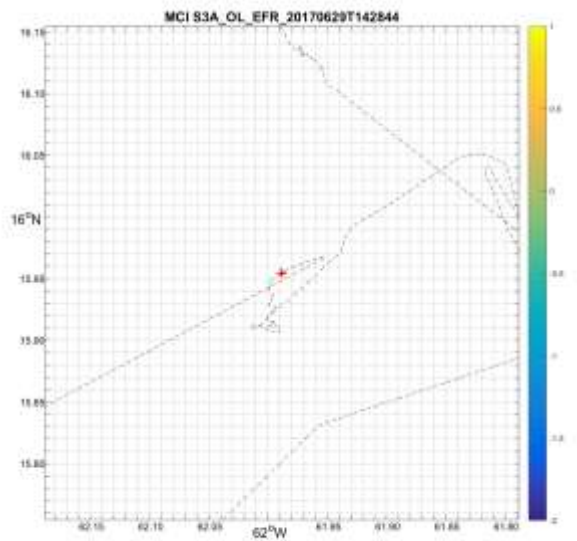
MODIS-T (1km)



VIIRS (750 m)



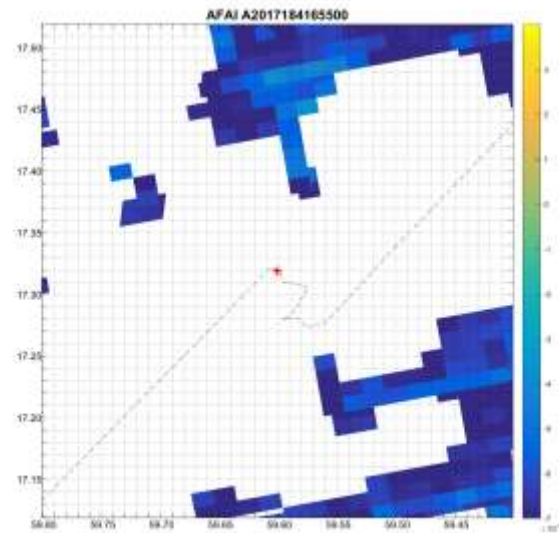
OLCI (300m)



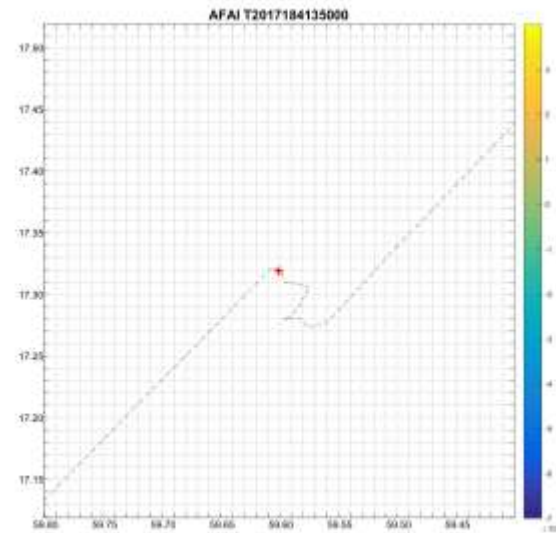
In situ - Type 4



MODIS-A (1km)



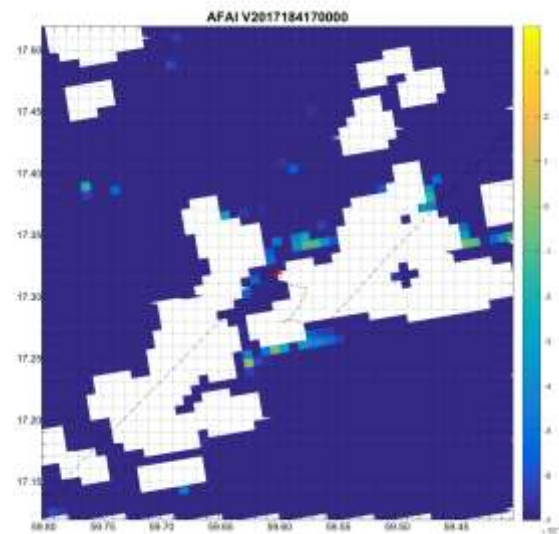
MODIS-T (1km)



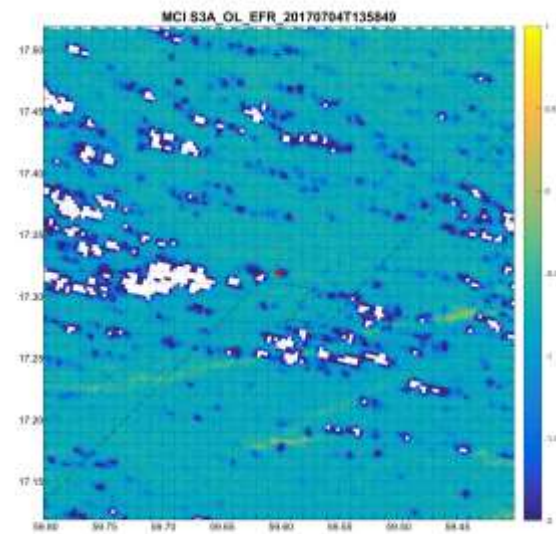
In situ - Type 3



VIIRS (750 m)

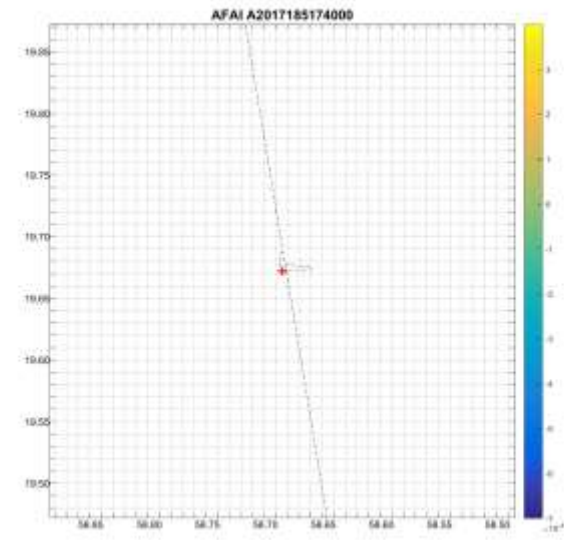


OLCI (300m) + 1 day

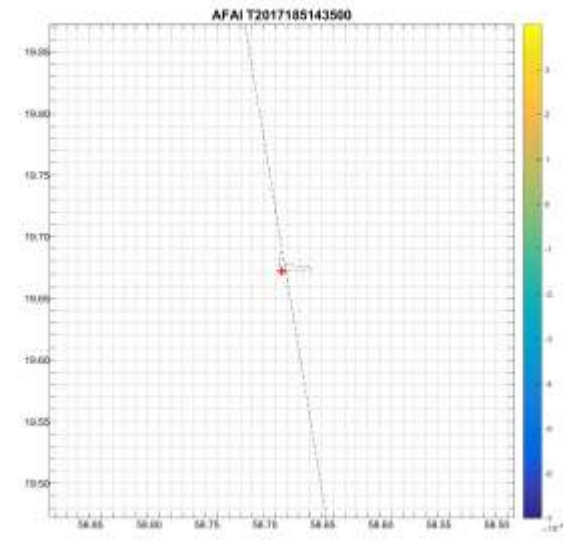


In situ - Type 2

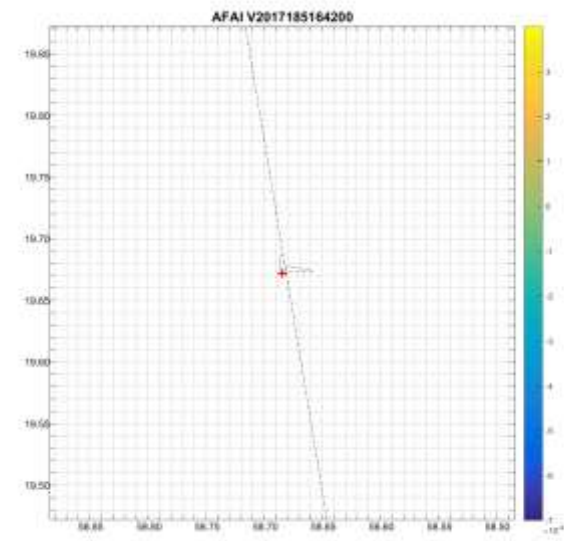
MODIS-A (1km)



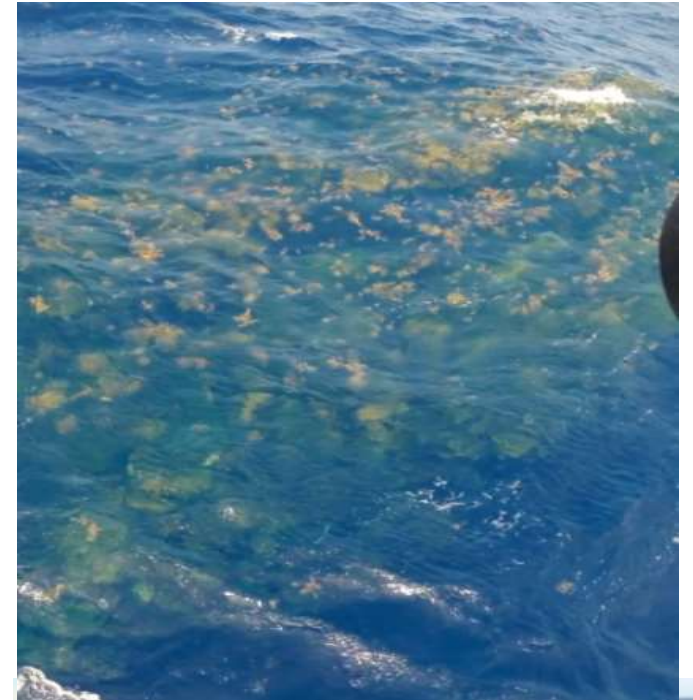
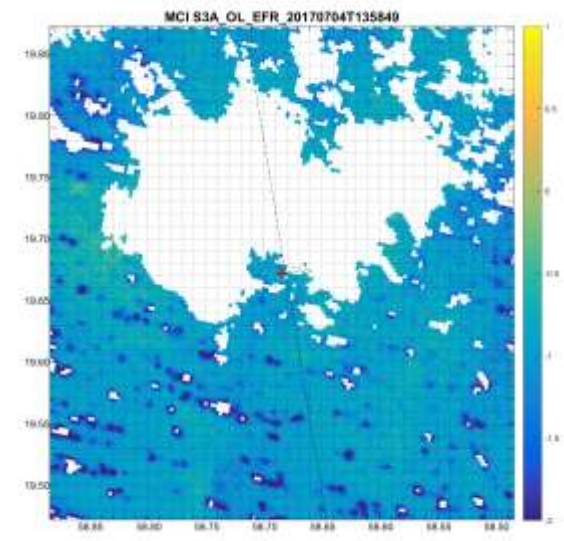
MODIS-T (1km)



VIIRS (750 m)

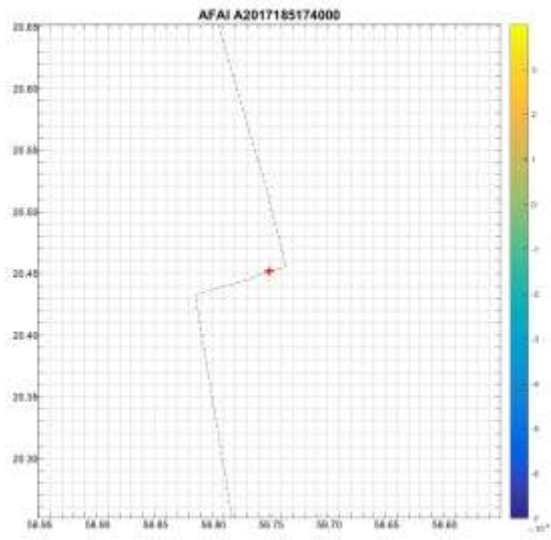


OLCI (300m)

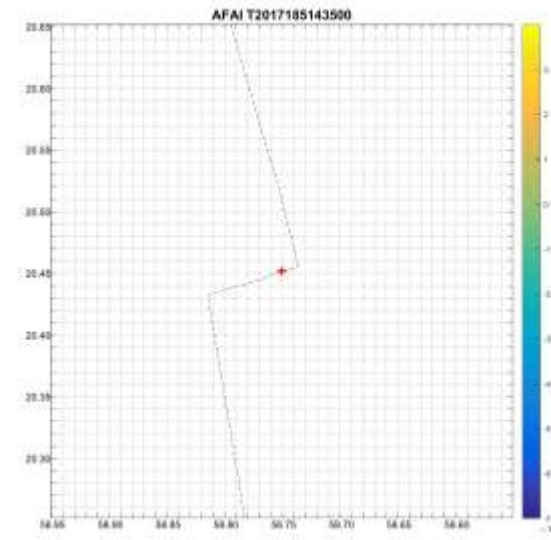


S2 Fig – 15. WEST ATLANTIC - S17 - 2017-07-04 20.39 UTC - 20°27.113'N 58°45.029'W - WS = 8.6 m.s⁻¹ WD =270° SS = Moderate

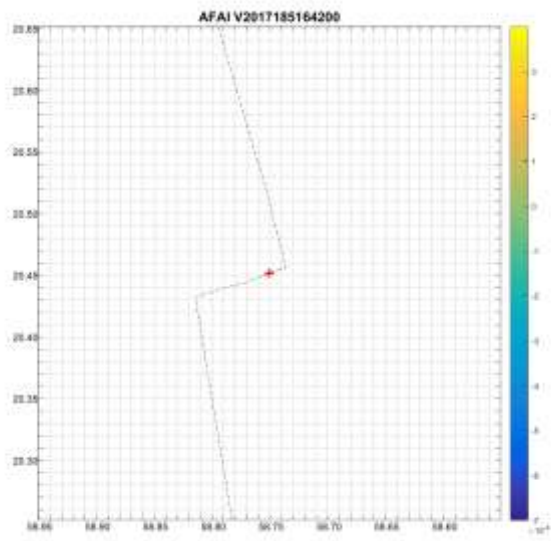
MODIS-A (1km)



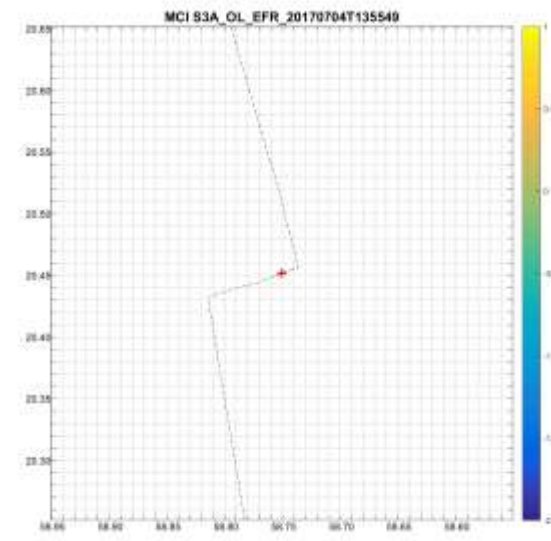
MODIS-T (1km)



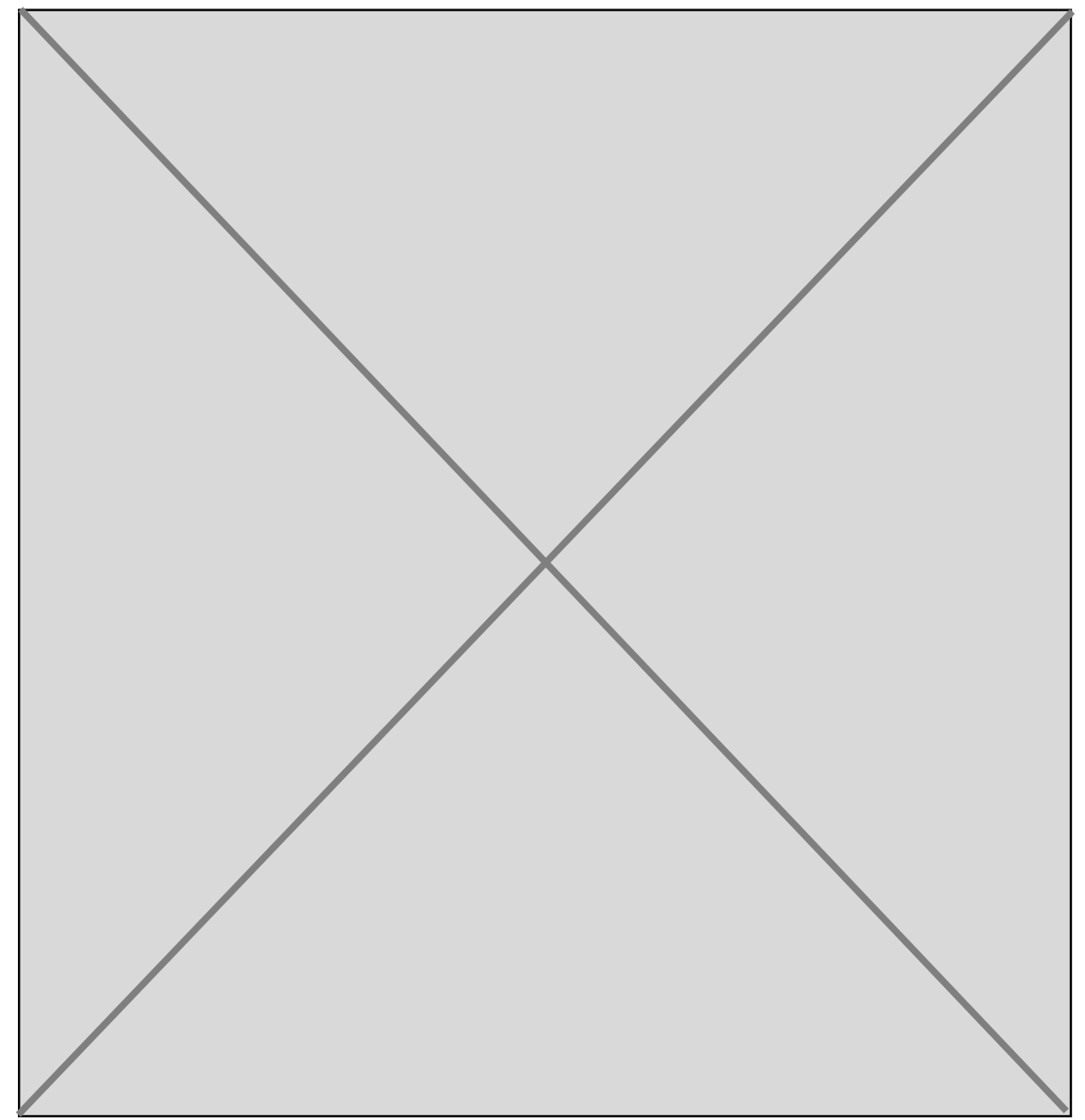
VIIRS (750 m)



OLCI (300m)

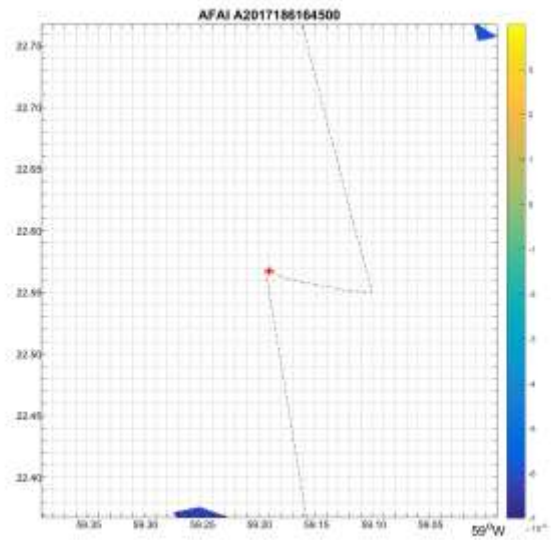


In situ - Type 1

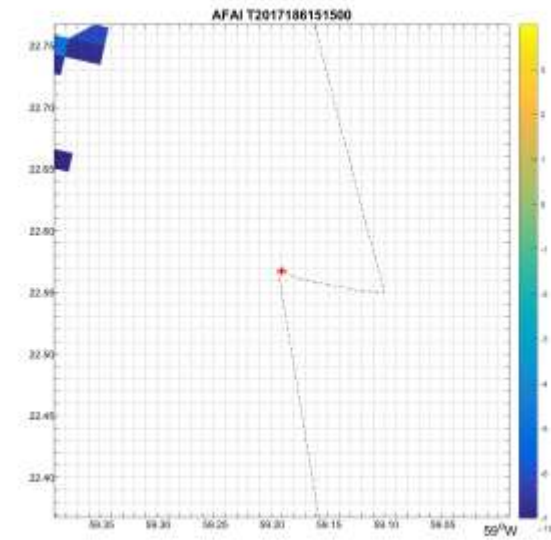


S2 Fig – 16. WEST ATLANTIC - S18 - 2017-07-05 11.32 UTC - 22°34.038'N 59°11.416'W - WS = 7.2 m.s⁻¹ WD =270° SS = Slight

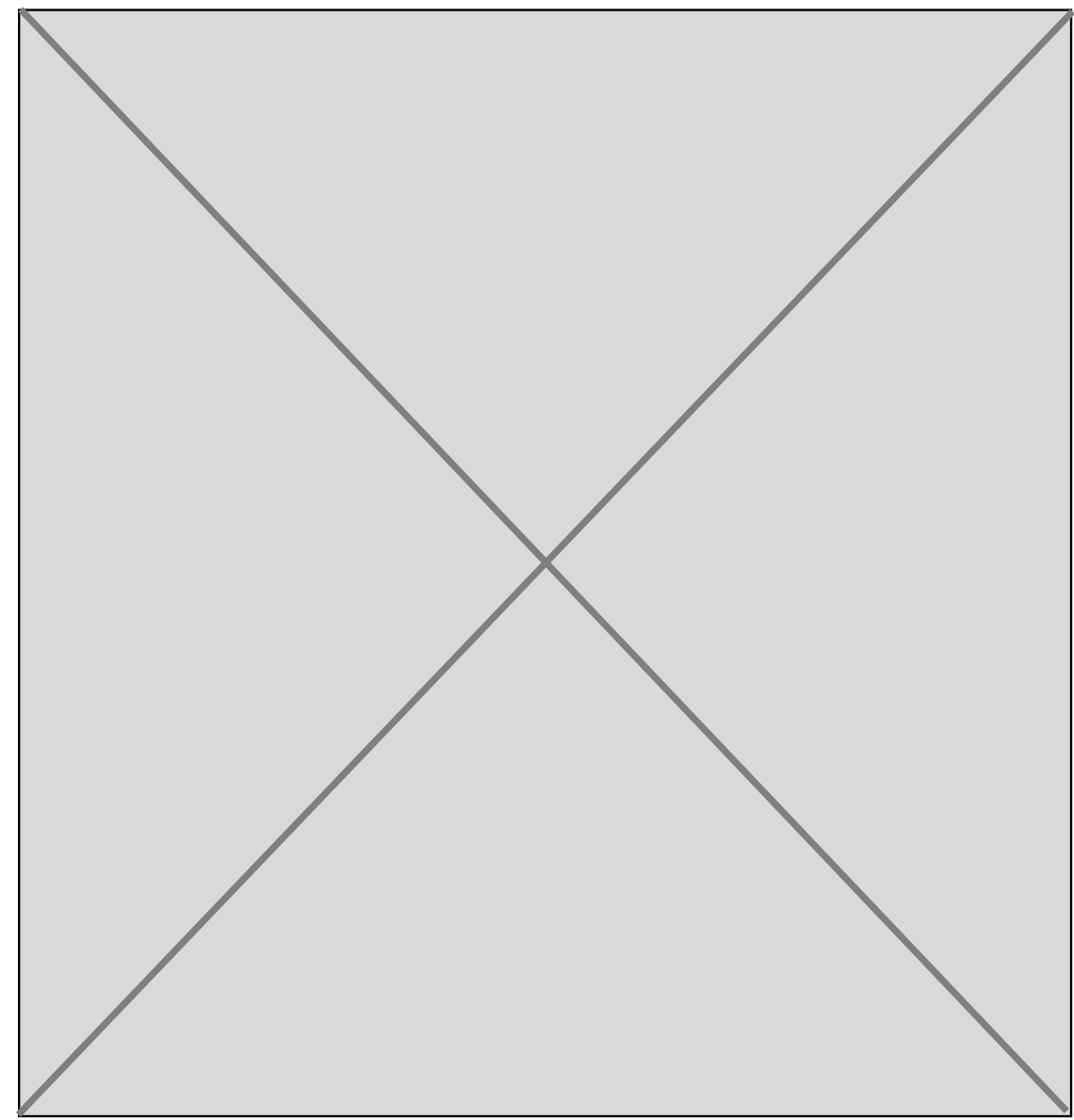
MODIS-A (1km)



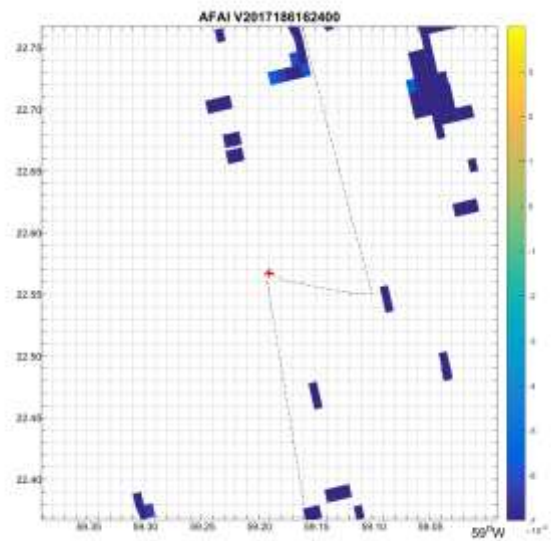
MODIS-T (1km)



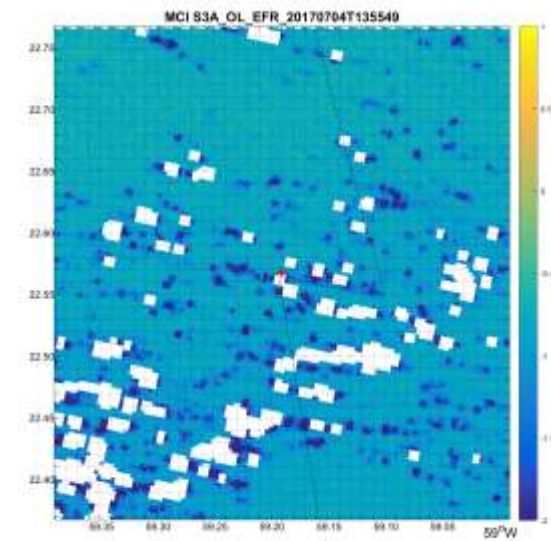
In situ - Type 1



VIIRS (750 m)

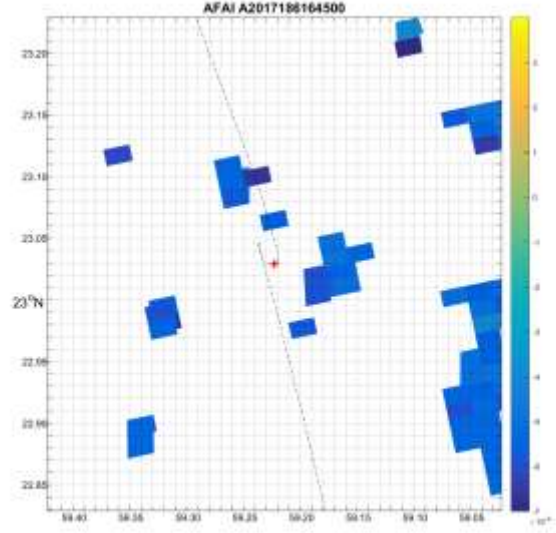


OLCI (300m) - 1 day

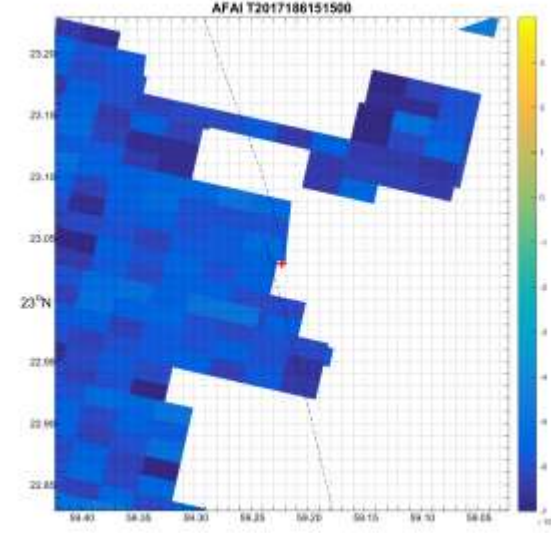


S2 Fig – 17. WEST ATLANTIC - S19 - 2017-07-05 18.35 UTC - 23°01.740'N 59°13.367'W - WS = 7.0 m.s⁻¹ WD =274° SS = Slight

MODIS-A (1km)



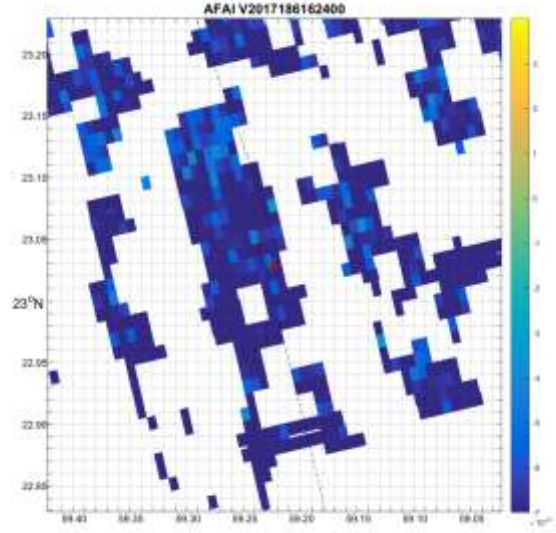
MODIS-T (1km)



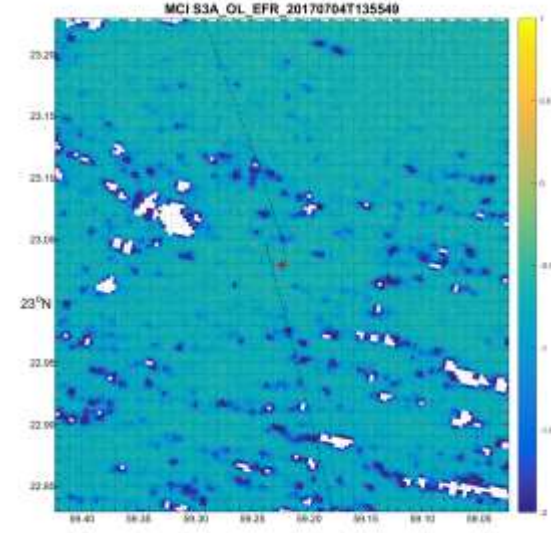
In situ - Type 2



VIIRS (750 m)

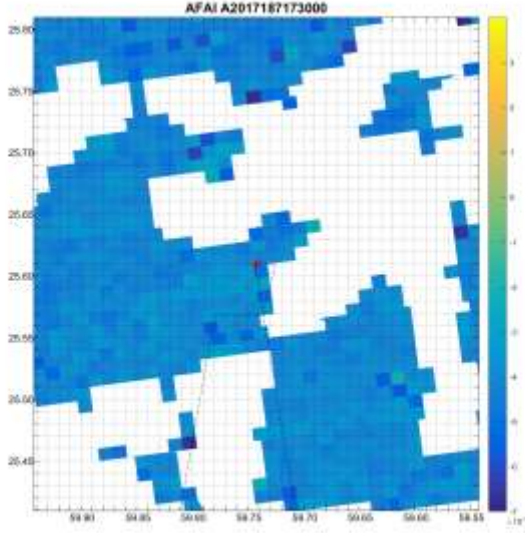


OLCI (300m) - 1 day

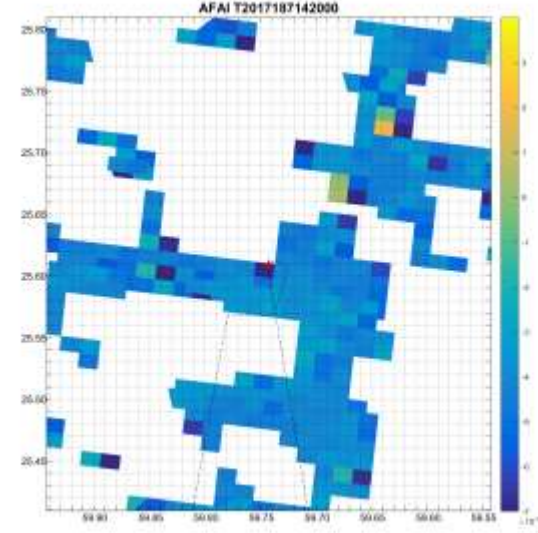


S2 Fig – 18. WEST ATLANTIC - S20 - 2017-07-06 11.40 UTC - 23°36.575'N 59°44.544'W - WS = 5.1 m.s⁻¹ WD =273° SS = Slight

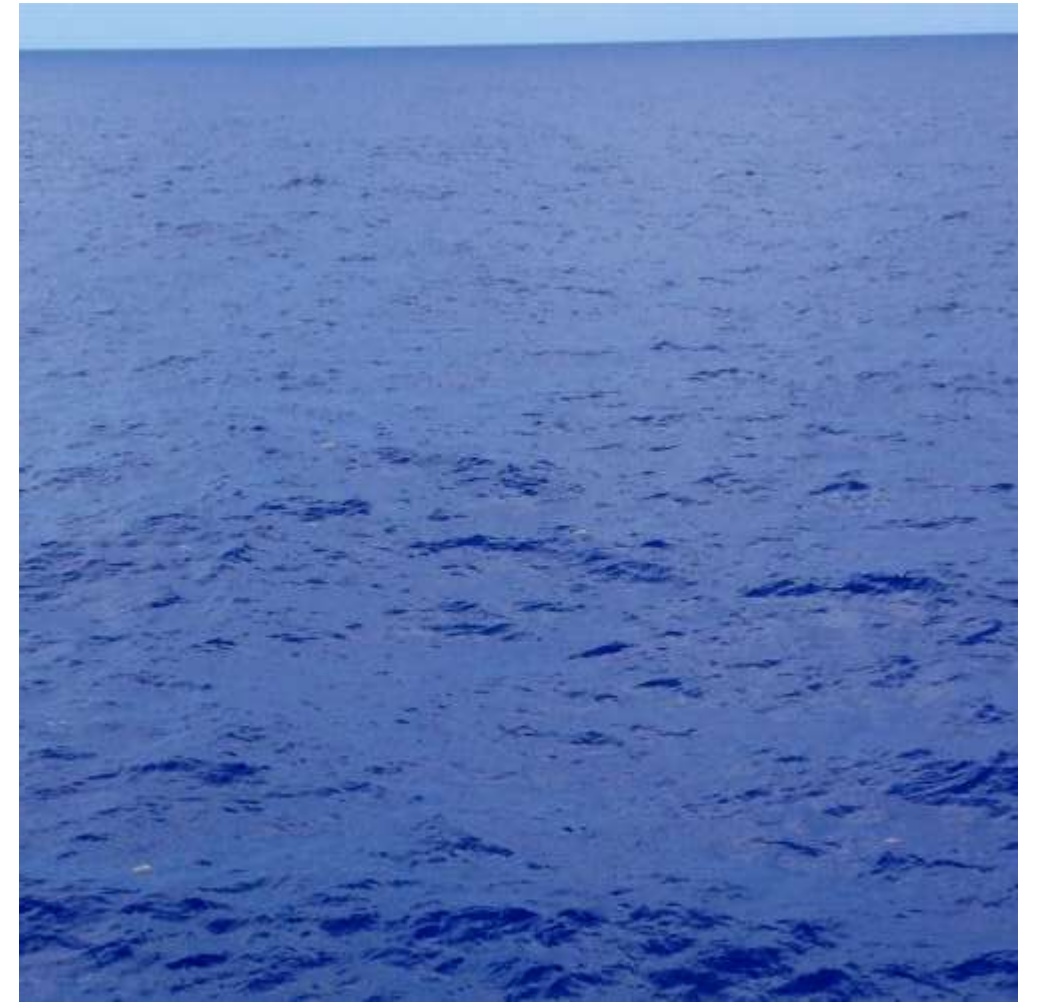
MODIS-A (1km)



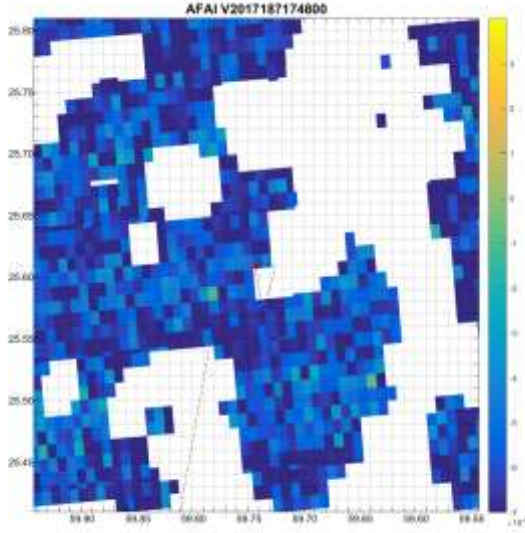
MODIS-T (1km)



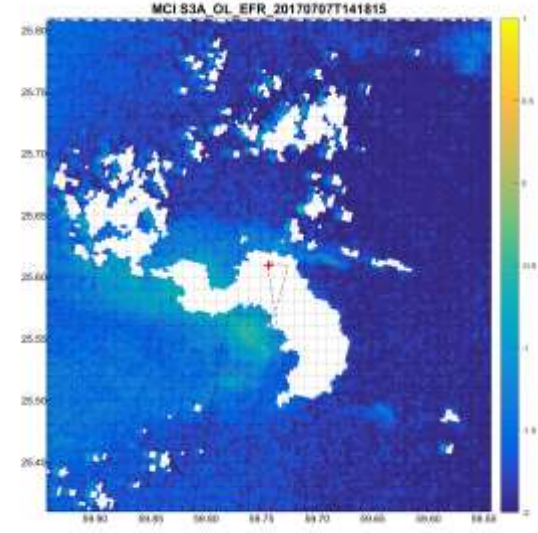
In situ - Type 1



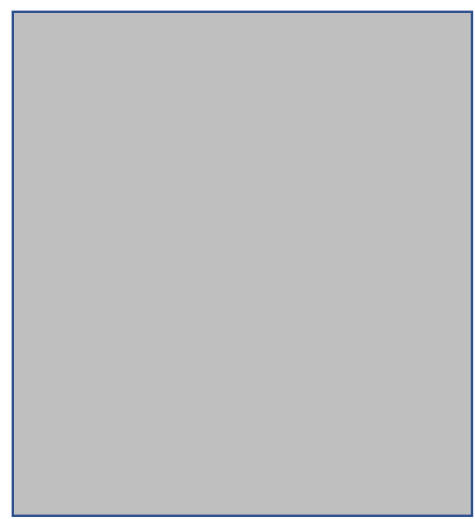
VIIRS (750 m)



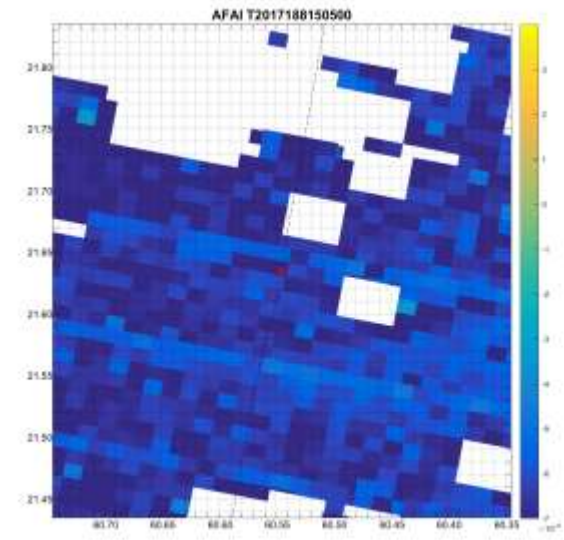
OLCI (300m) + 1 day



MODIS-A (1km)



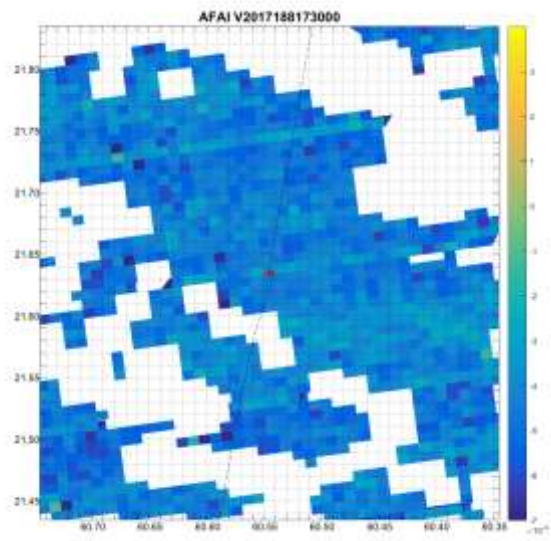
MODIS-T (1km)



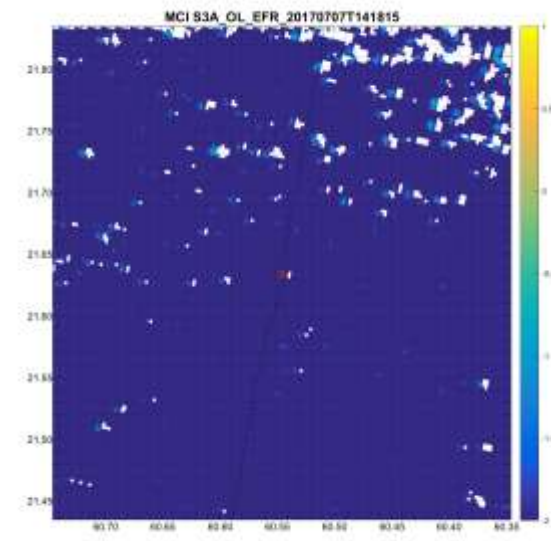
In situ - Type 2



VIIRS (750 m)

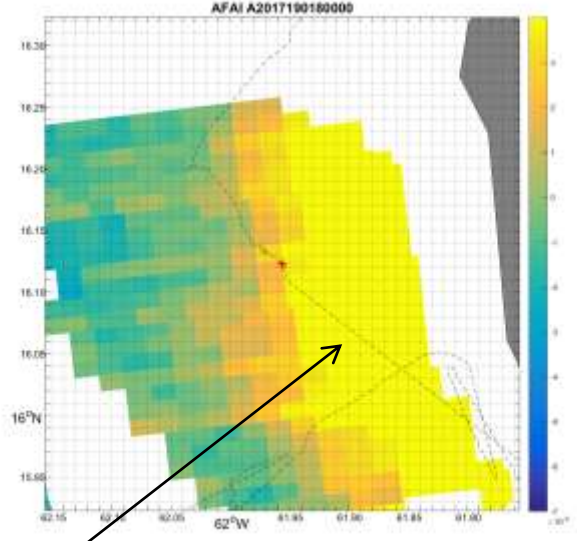


OLCI (300m)

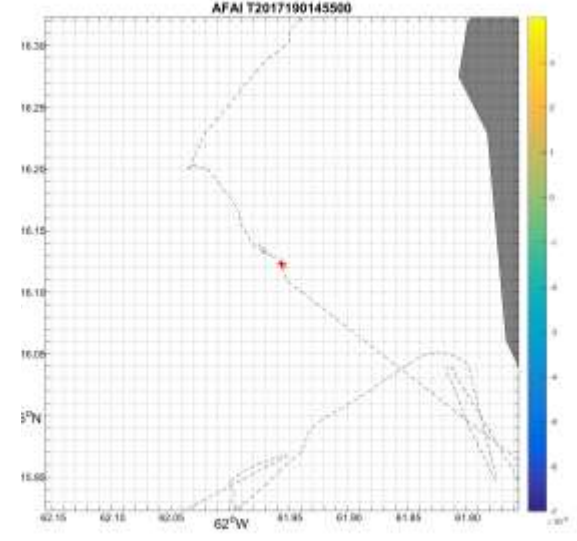


Affected by glint (diminish the MCI value)

MODIS-A (1km)



MODIS-T (1km)

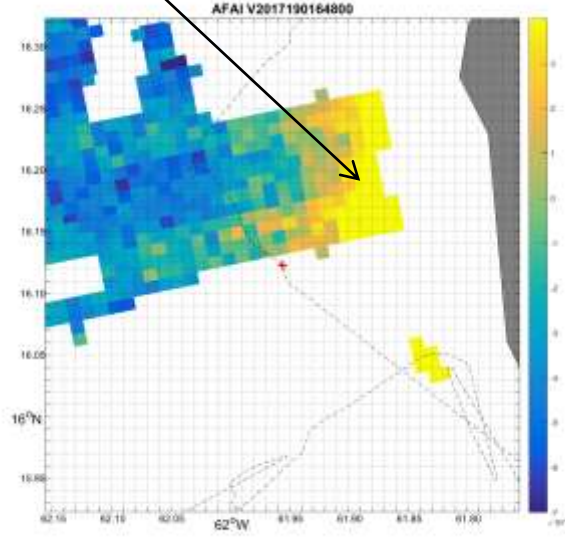


In situ - Type 4

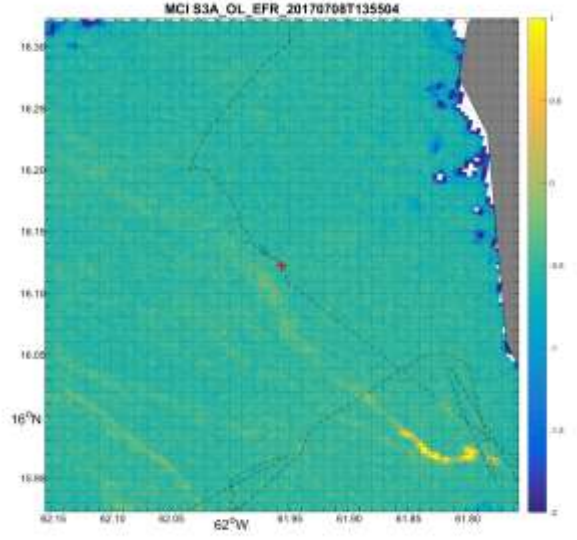


straylight contamination due to the proximity of land

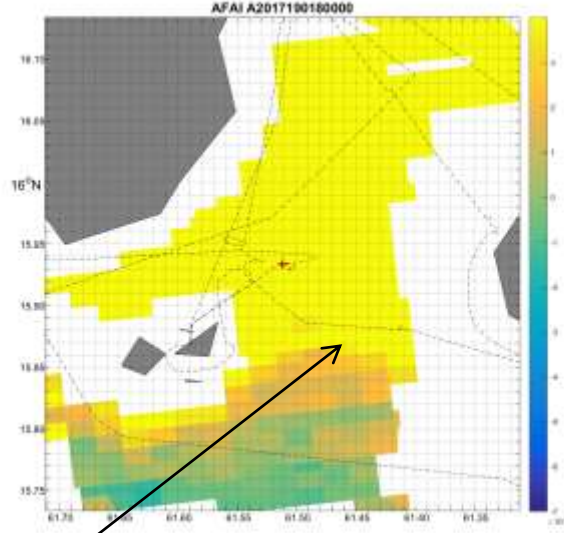
VIIRS (750 m)



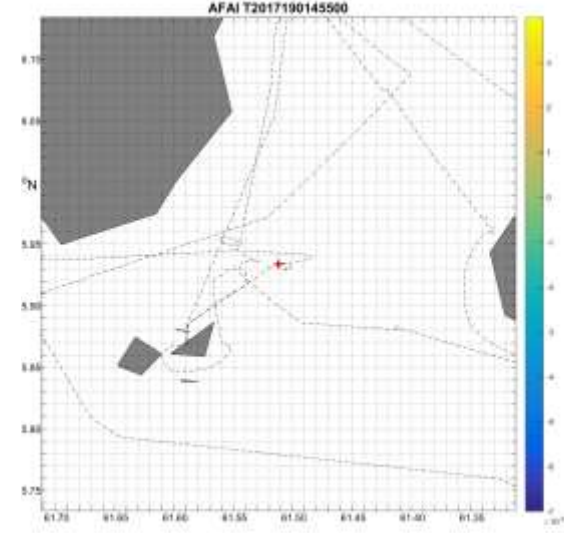
OLCI (300m) - 1 day



MODIS-A (1km)



MODIS-T (1km)

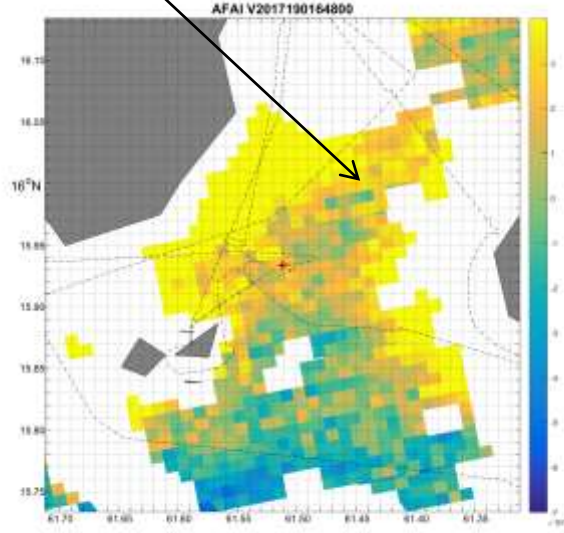


In situ - Type 5

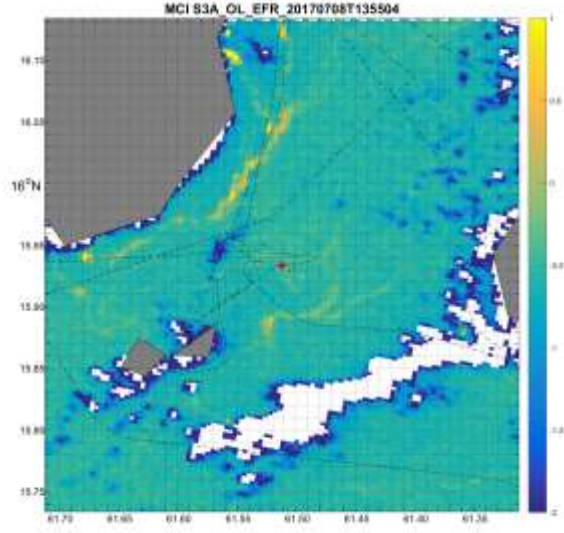


straylight contamination due to the proximity of land

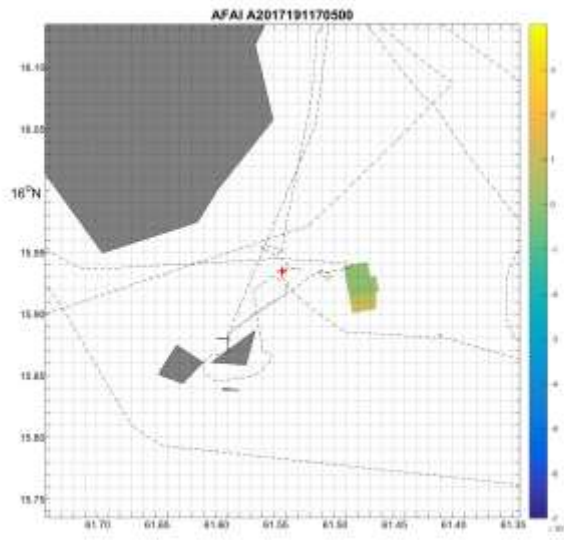
VIIRS (750 m)



OLCI (300m) - 1 day



MODIS-A (1km)



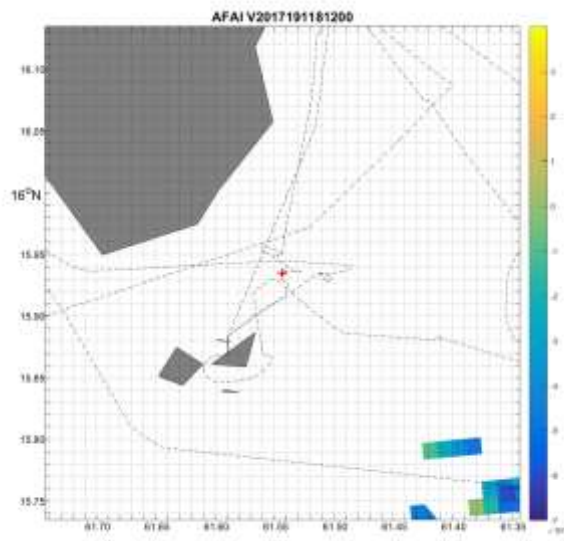
MODIS-T (1km)



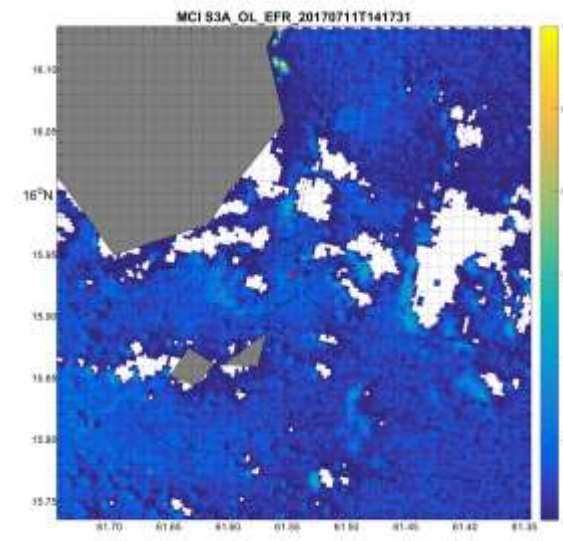
In situ - Type 4

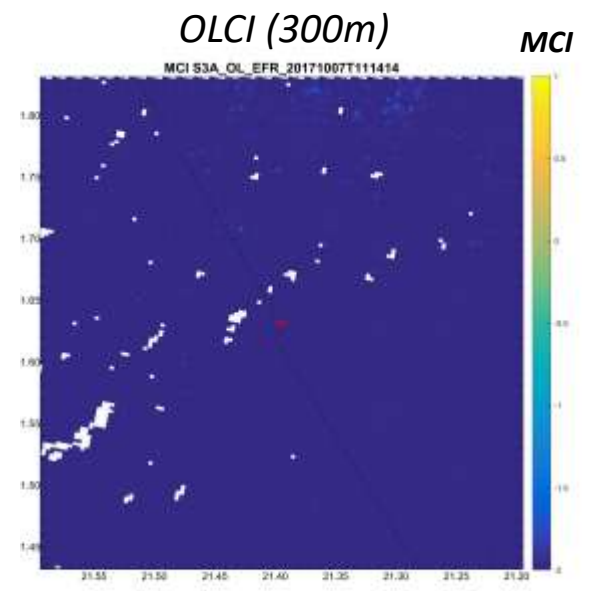
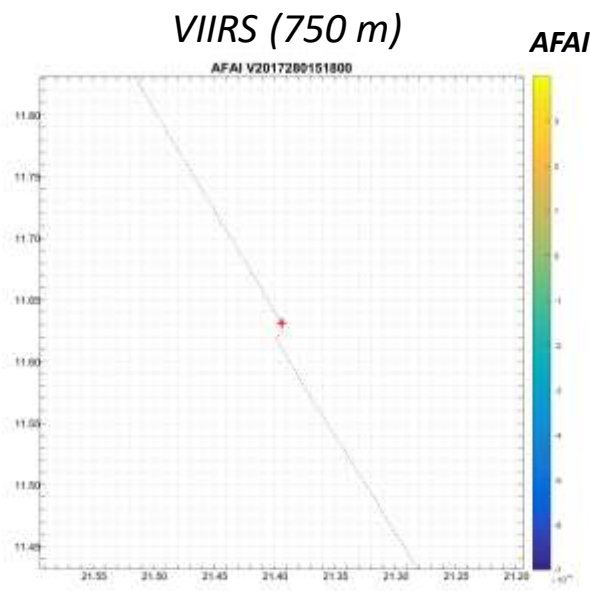
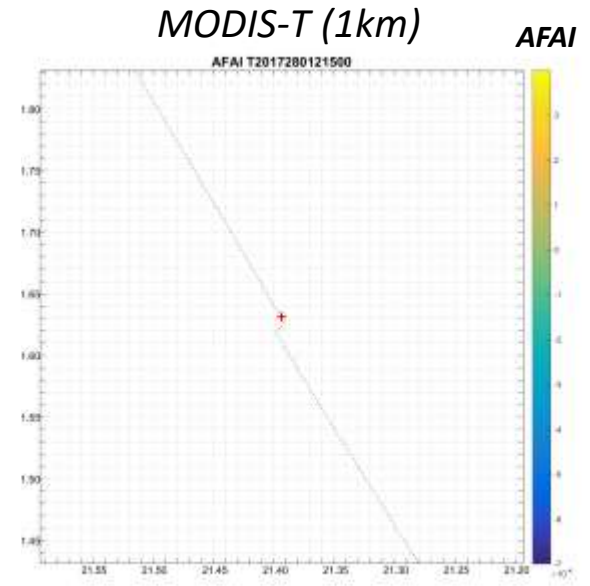
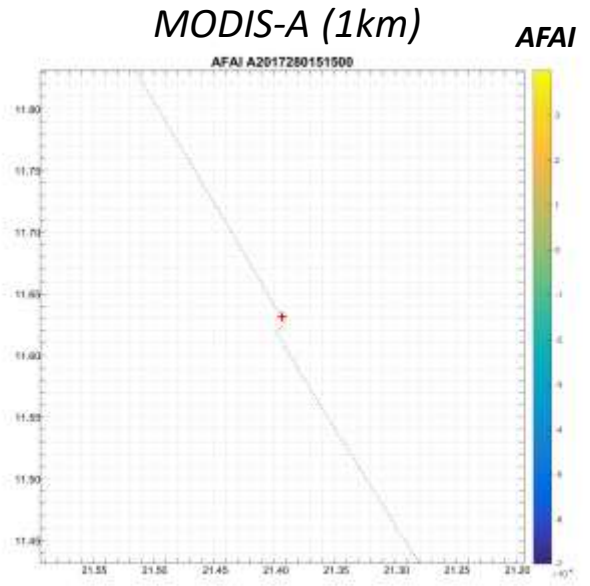


VIIRS (750 m)



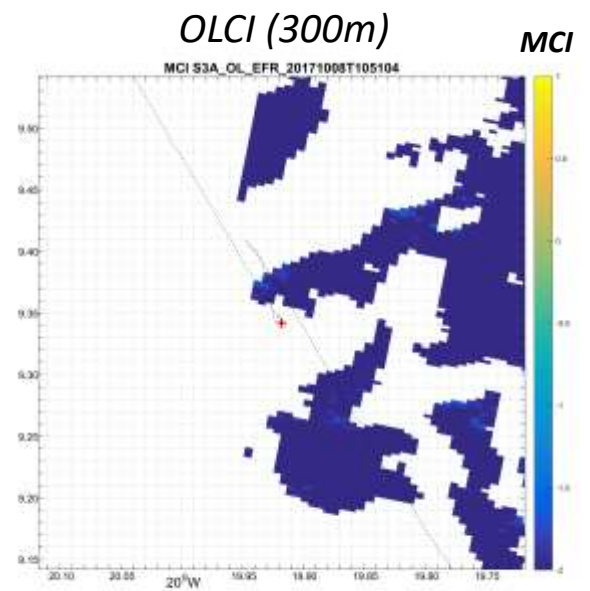
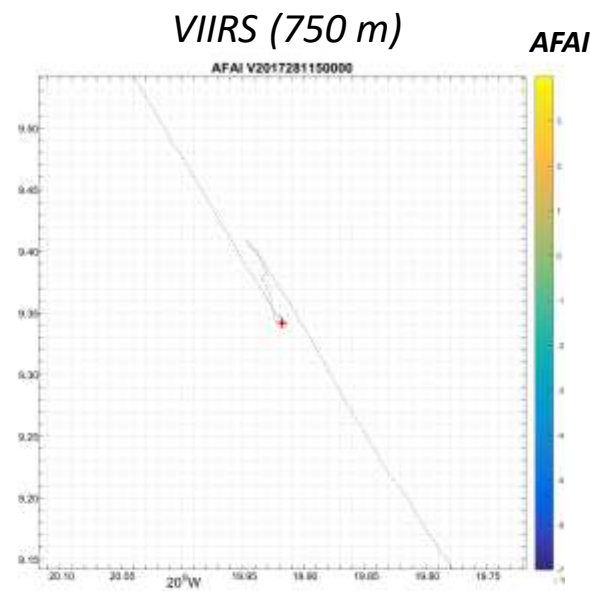
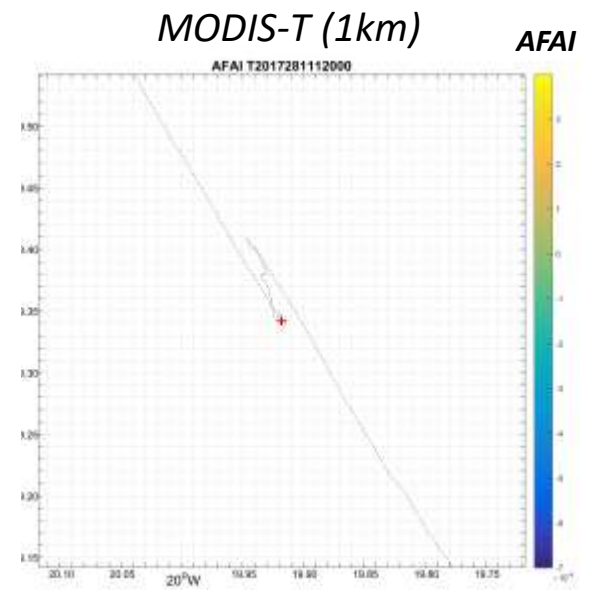
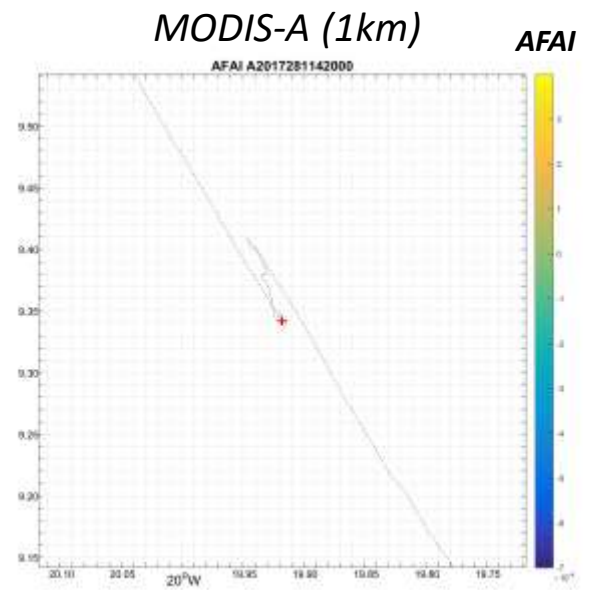
OLCI (300m) + 1 day



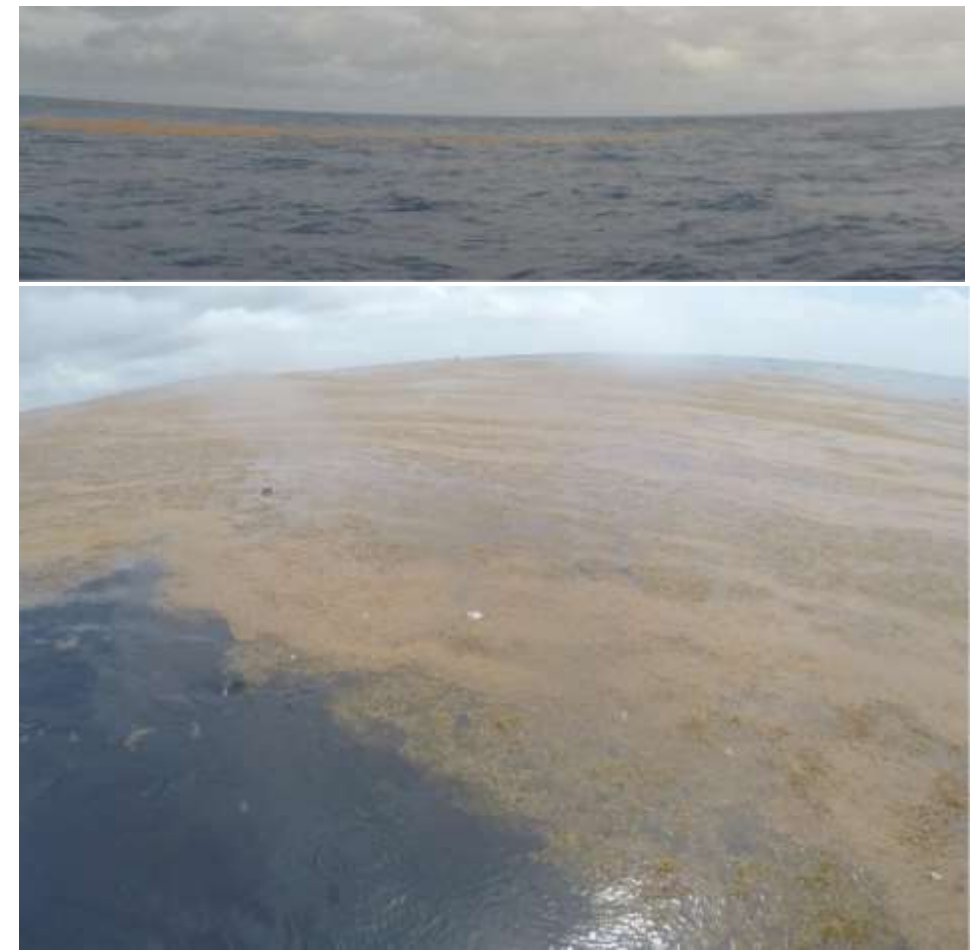


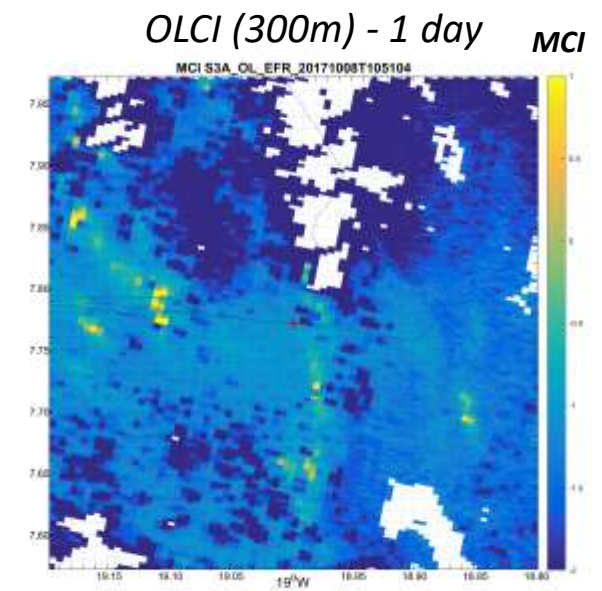
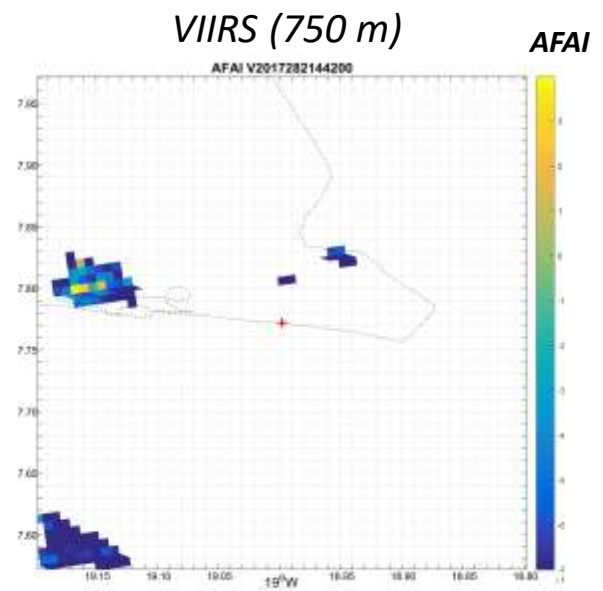
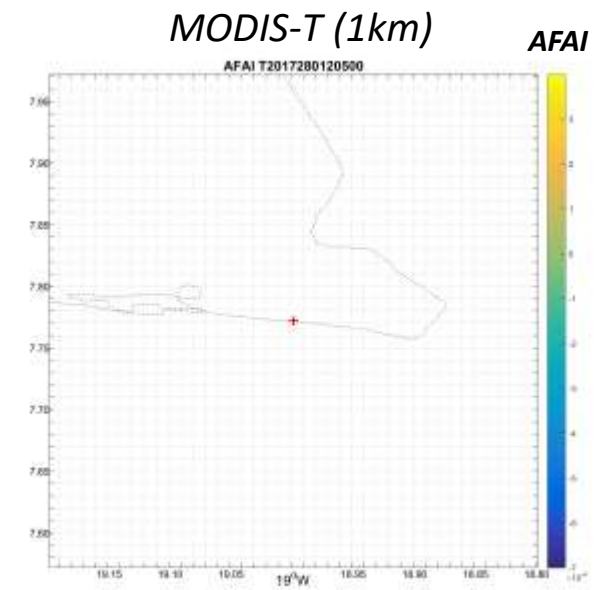
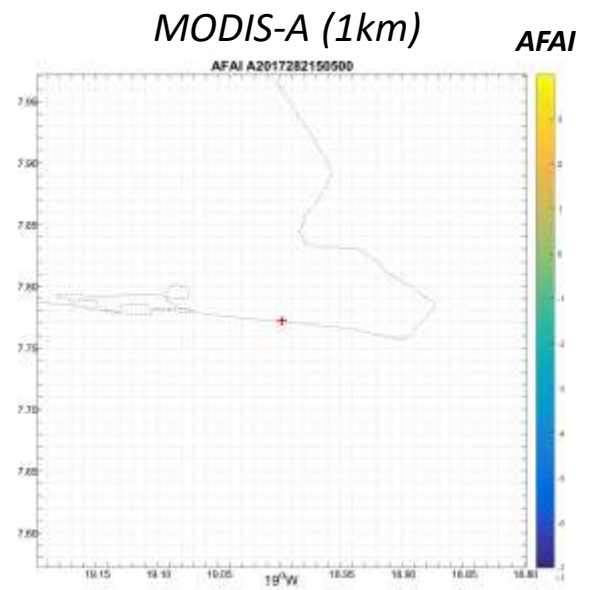
In situ - Type 1



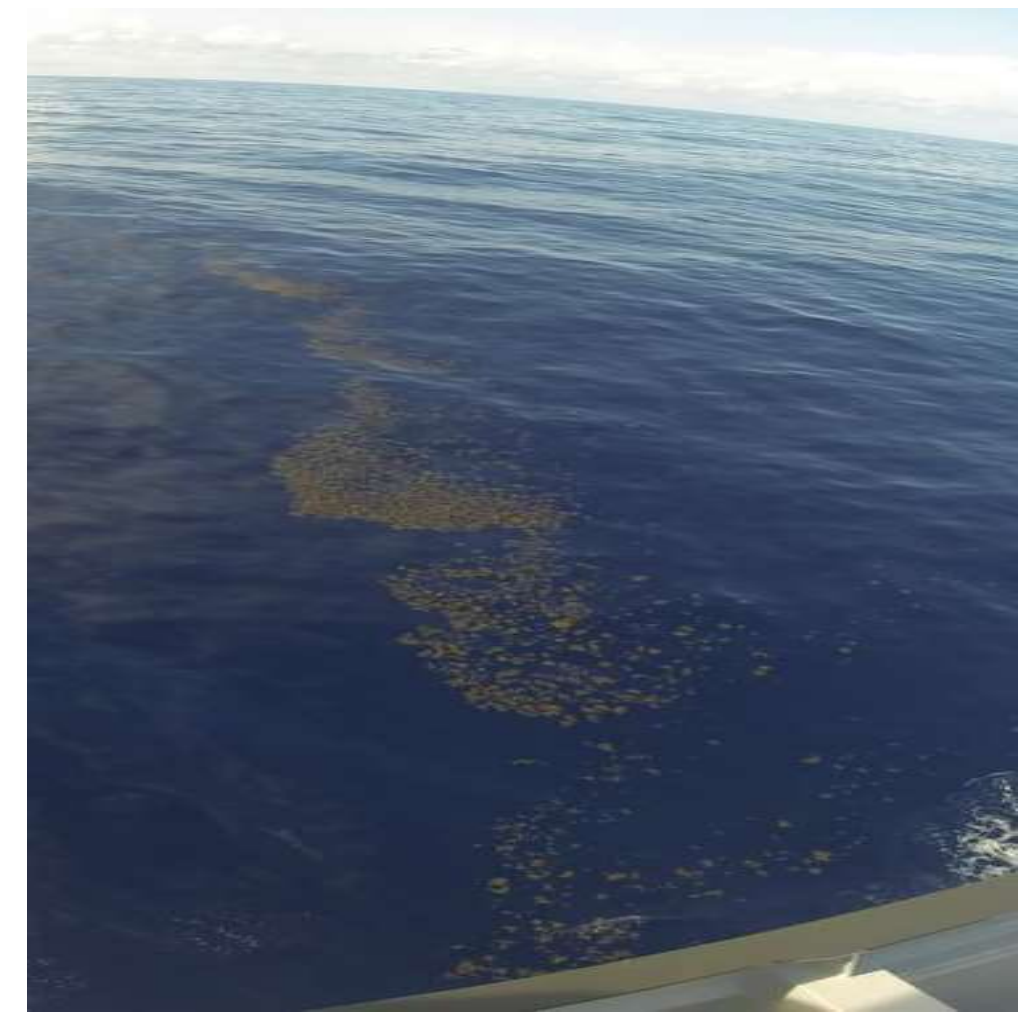


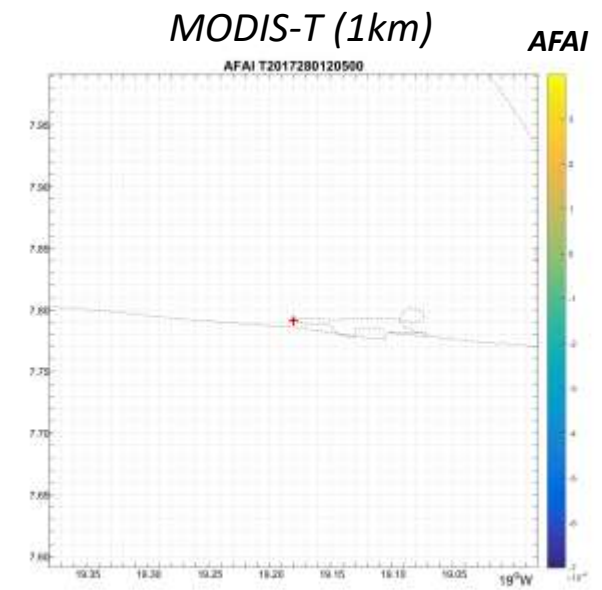
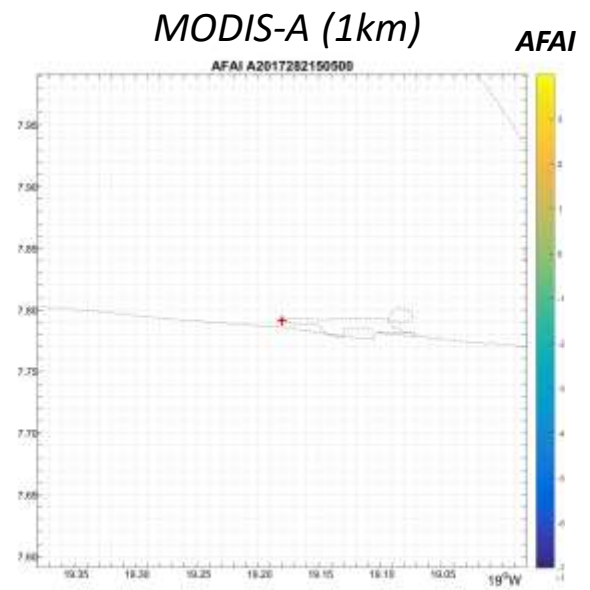
In situ - Type 5



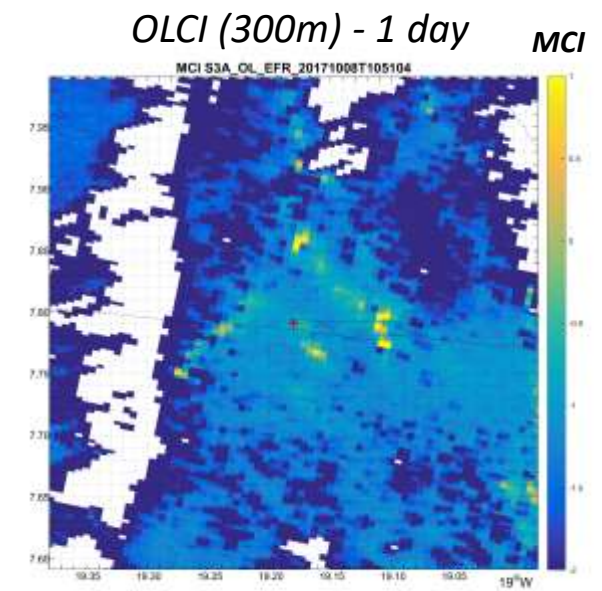
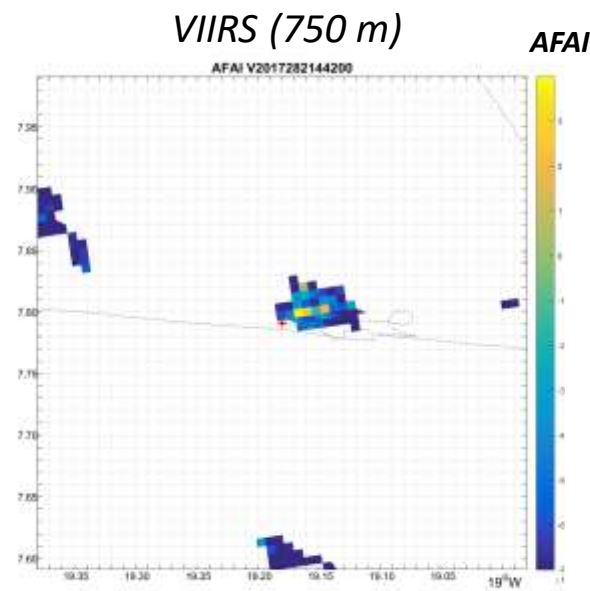


In situ - Type 3

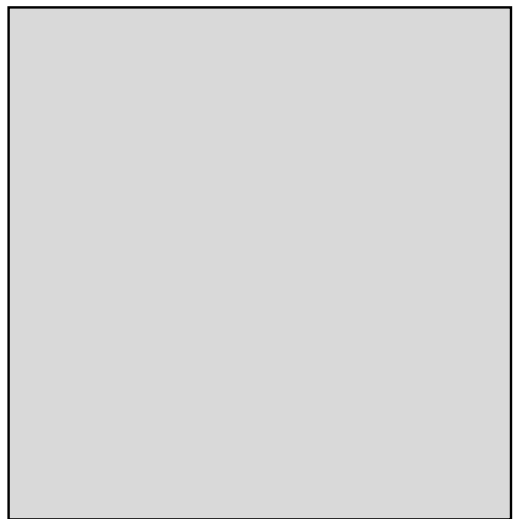




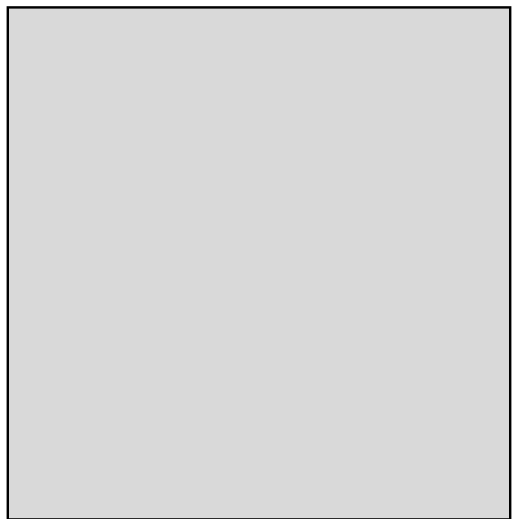
In situ - Type 4



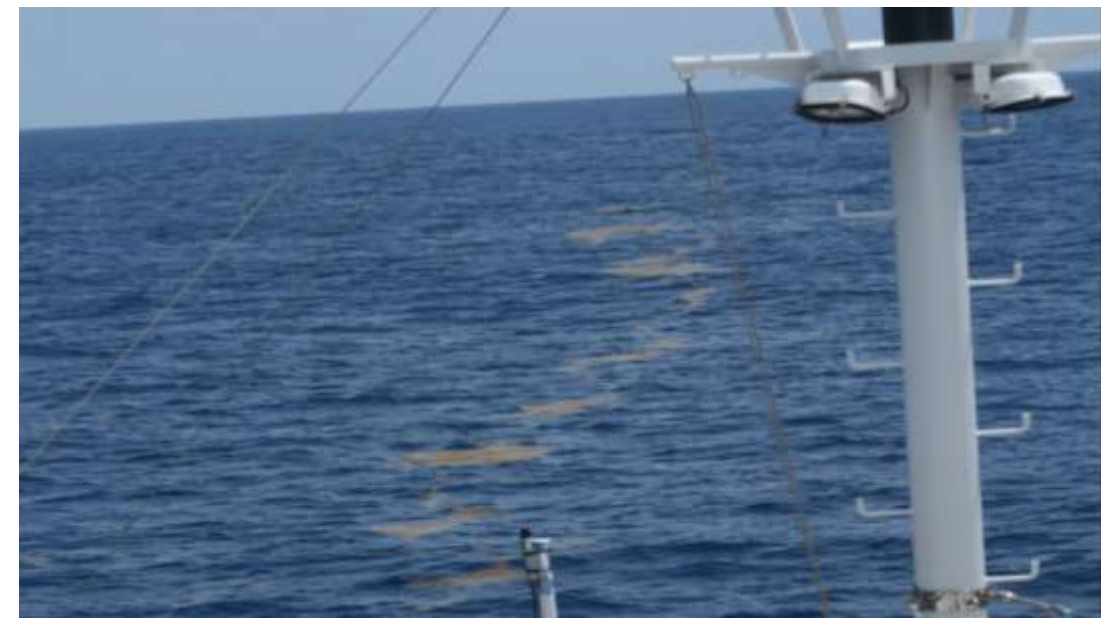
MODIS-A (1km)



MODIS-T (1km)

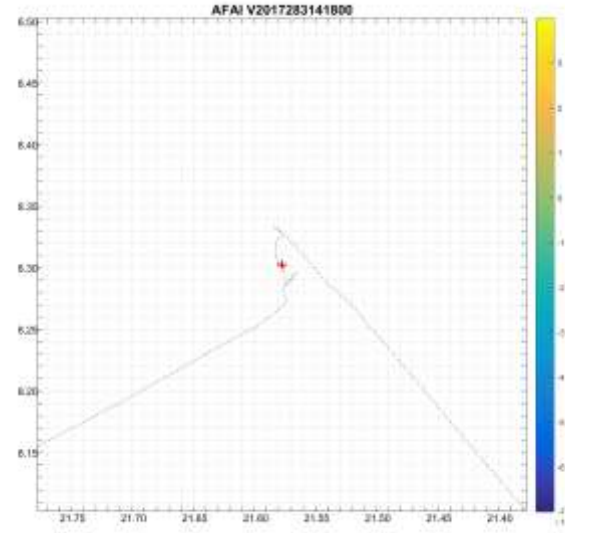


In situ - Type 3



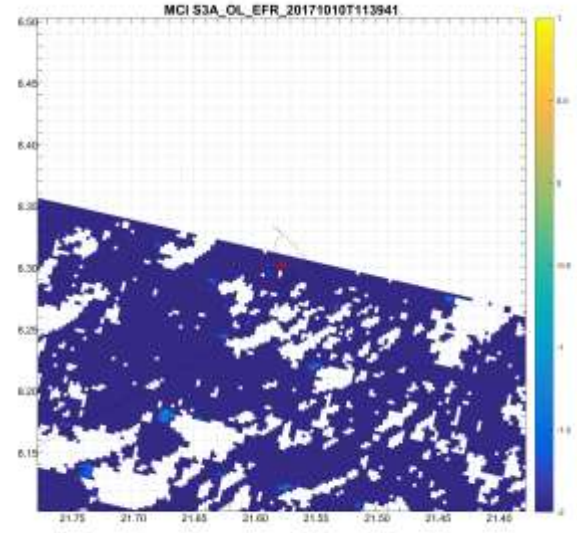
VIIRS (750 m)

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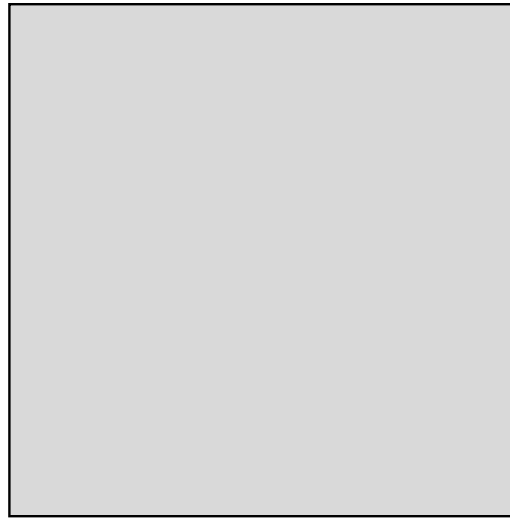
OLCI (300m)

MCI



S2 Fig – 28. TRANSATLANTIC - Y04b - 2017-10-10 18.00 TU - 07°58.917'N 21°59.113'W - WS = 3.1 m.s⁻¹ WD = 141° SS = Slight

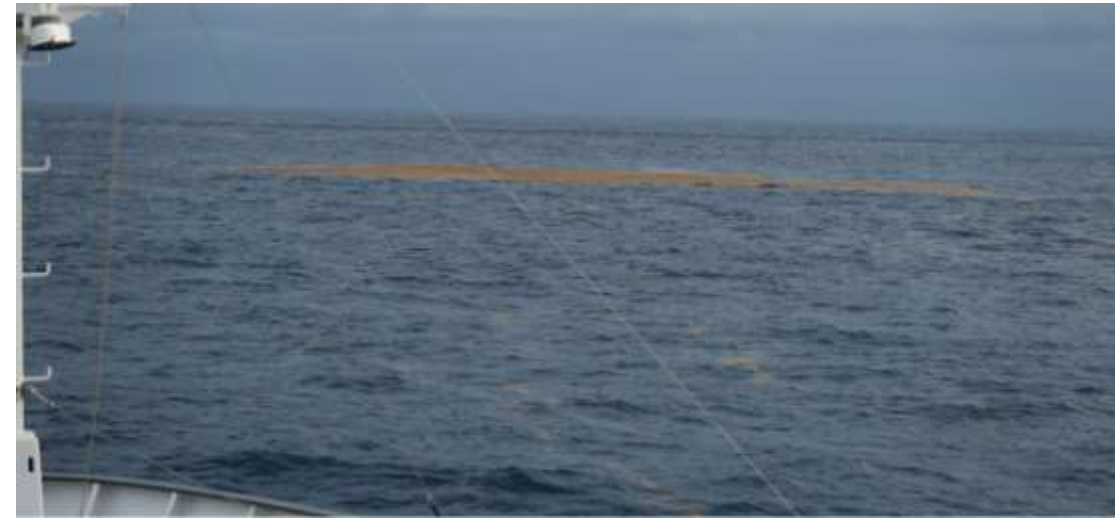
MODIS-A (1km)



MODIS-T (1km)

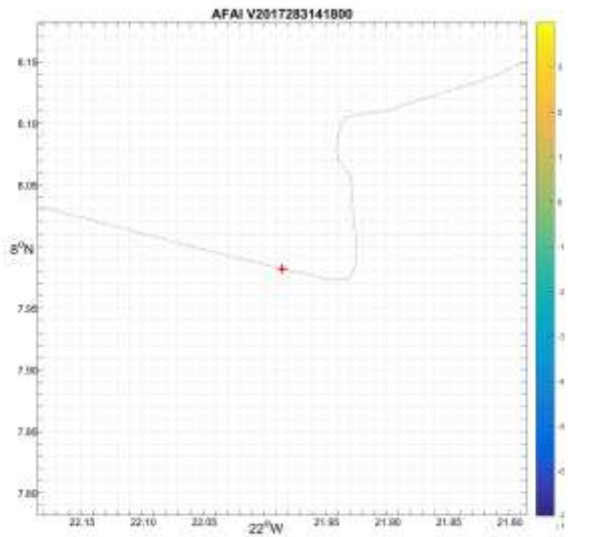


In situ - Type 5



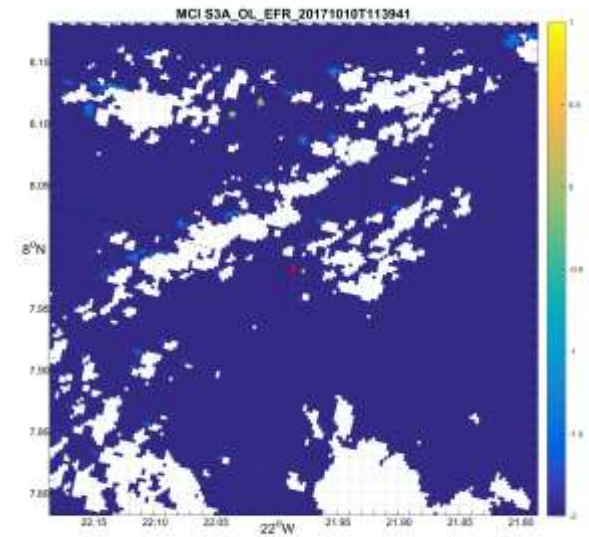
VIIRS (750 m)

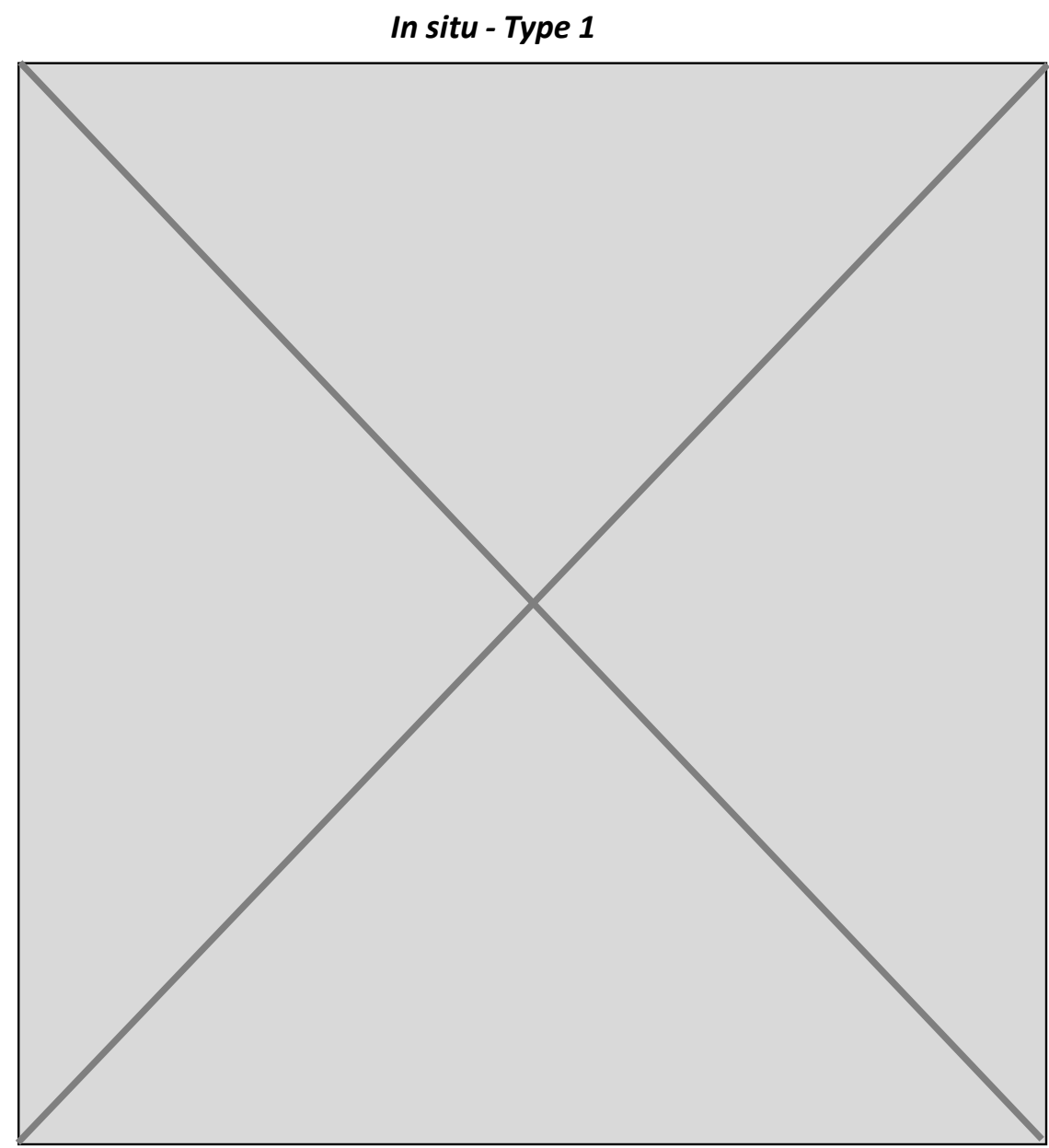
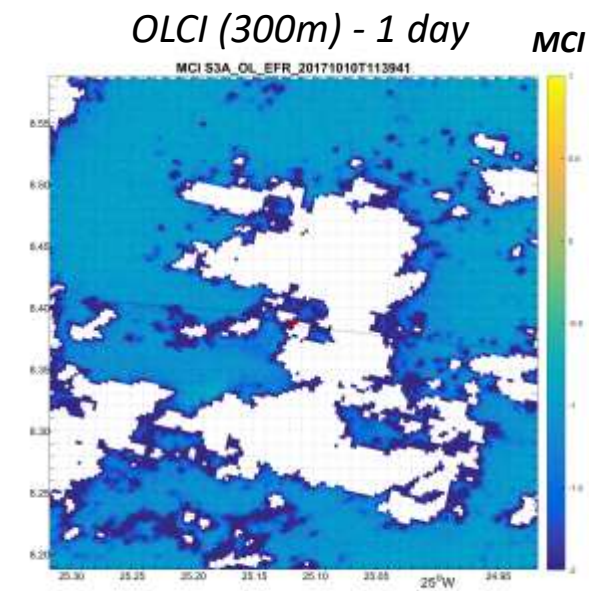
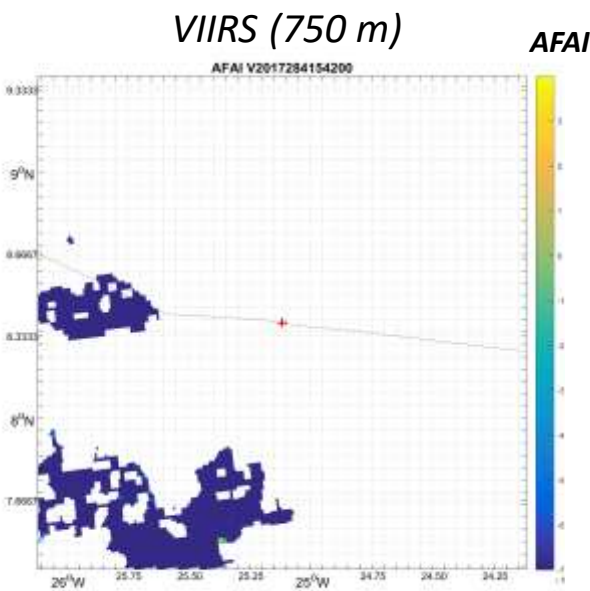
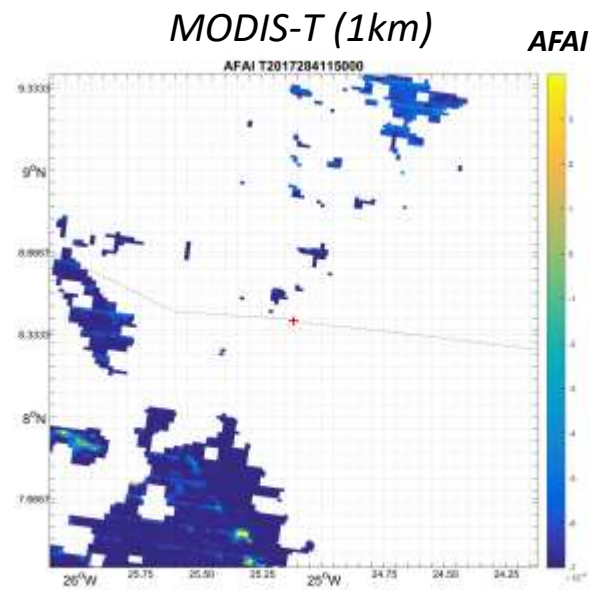
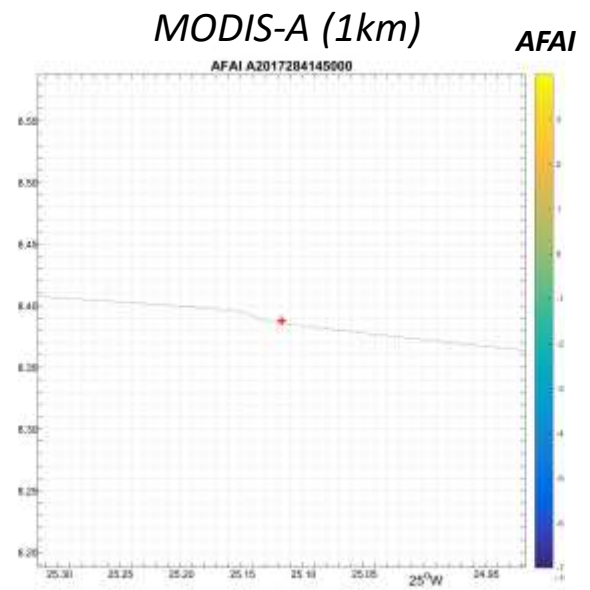
AFAI



OLCI (300m)

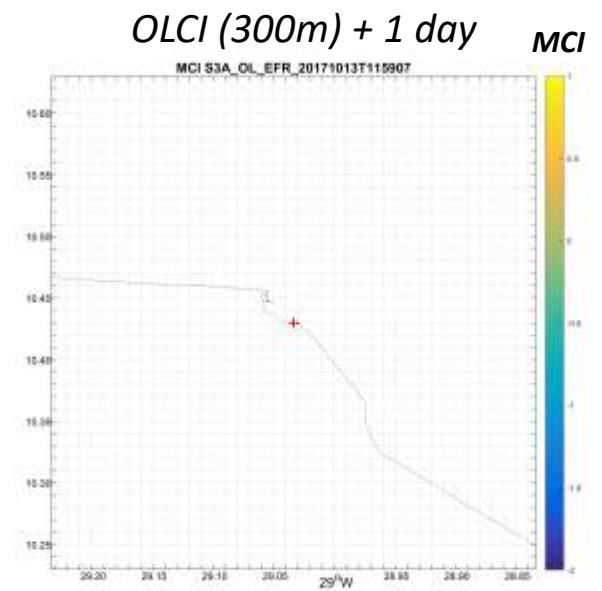
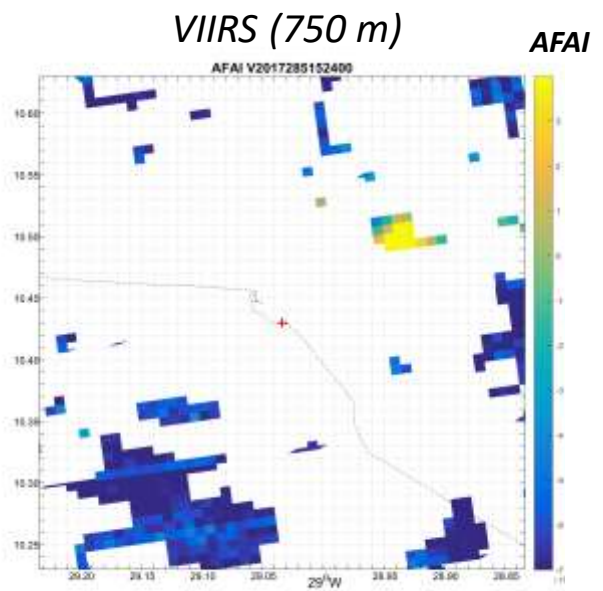
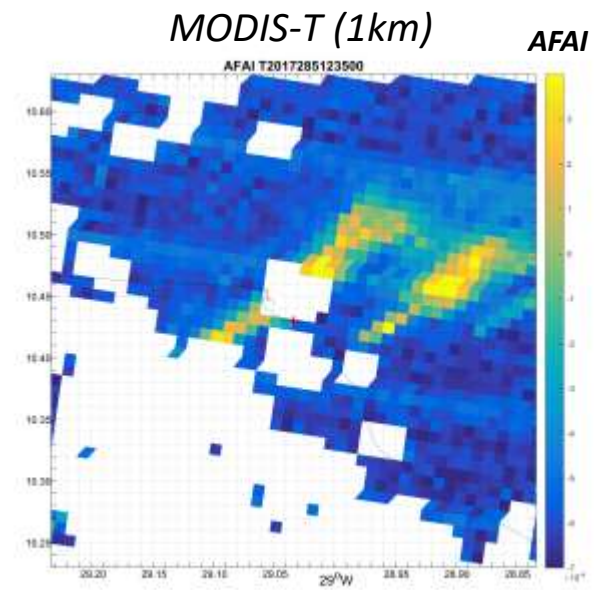
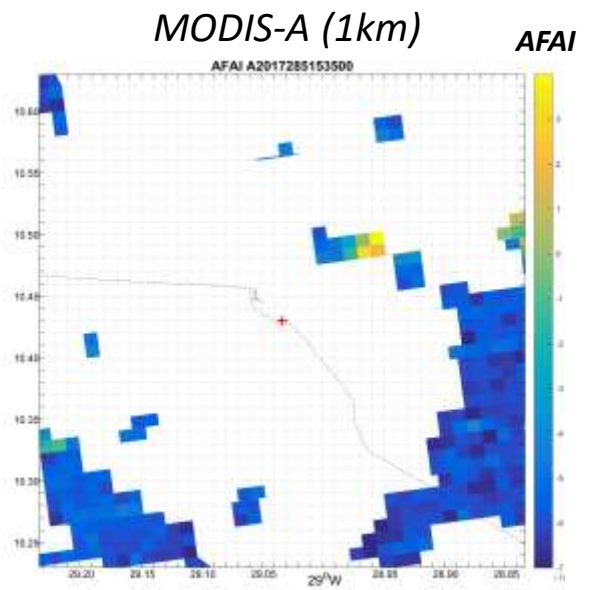
MCI

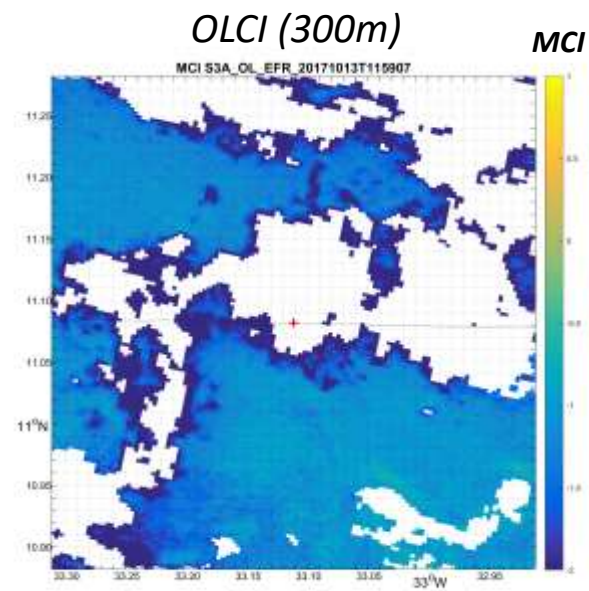
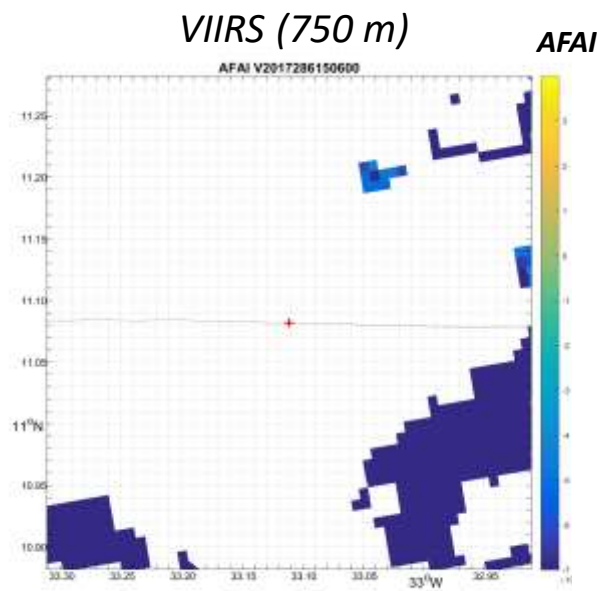
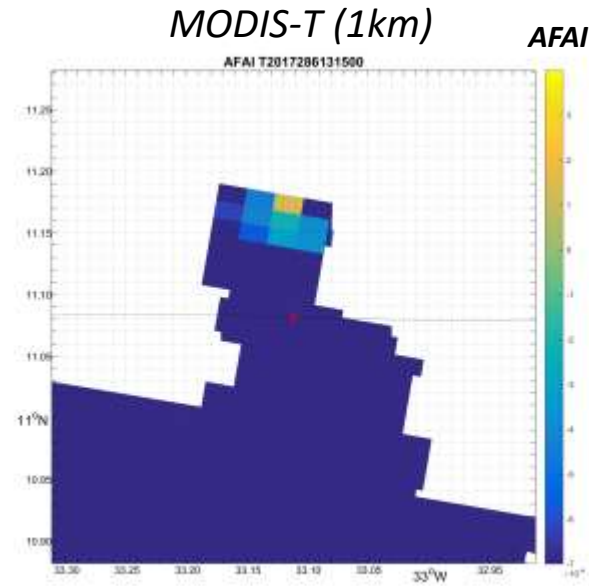
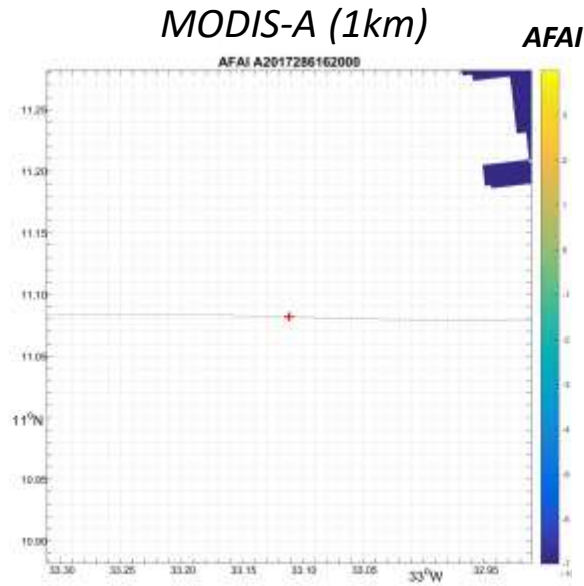




S2 Fig – 30. TRANSATLANTIC - Y06 - 2017-10-12 12.00 TU - 10°25.792'N 29°02.017'W - WS = 6.9 m.s⁻¹ WD = 248° SS = Slight

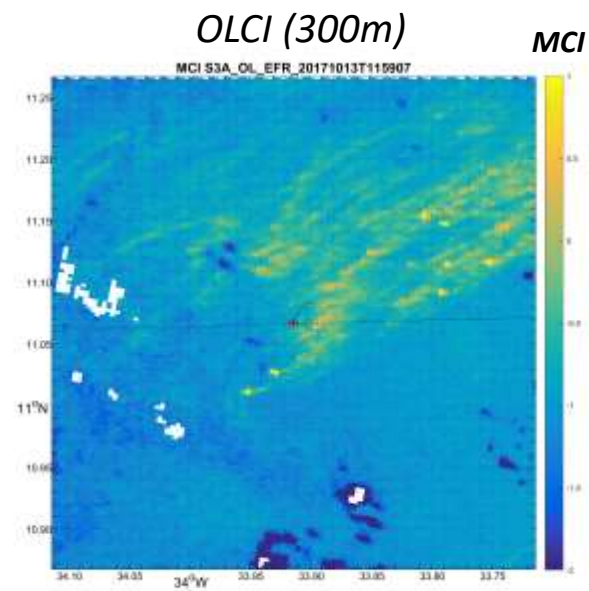
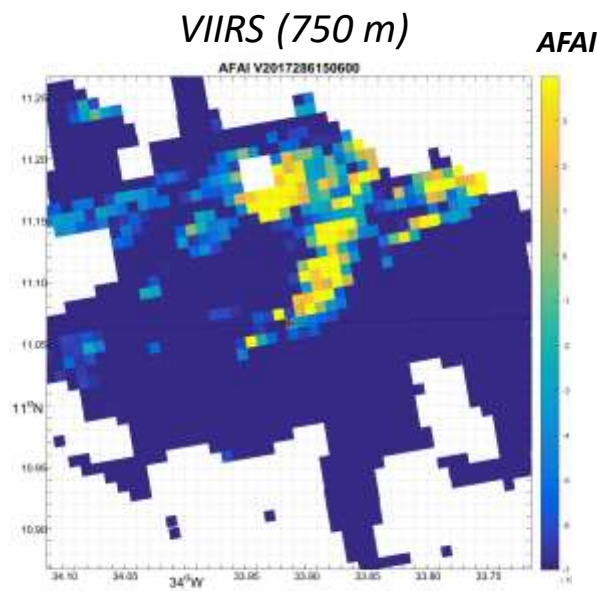
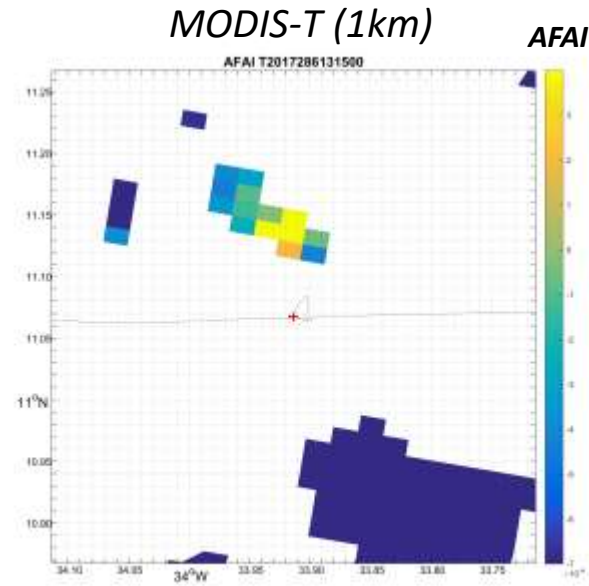
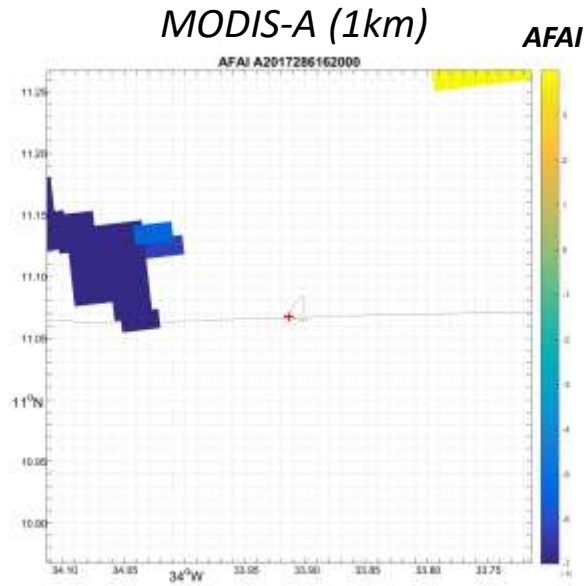
In situ - Type 4



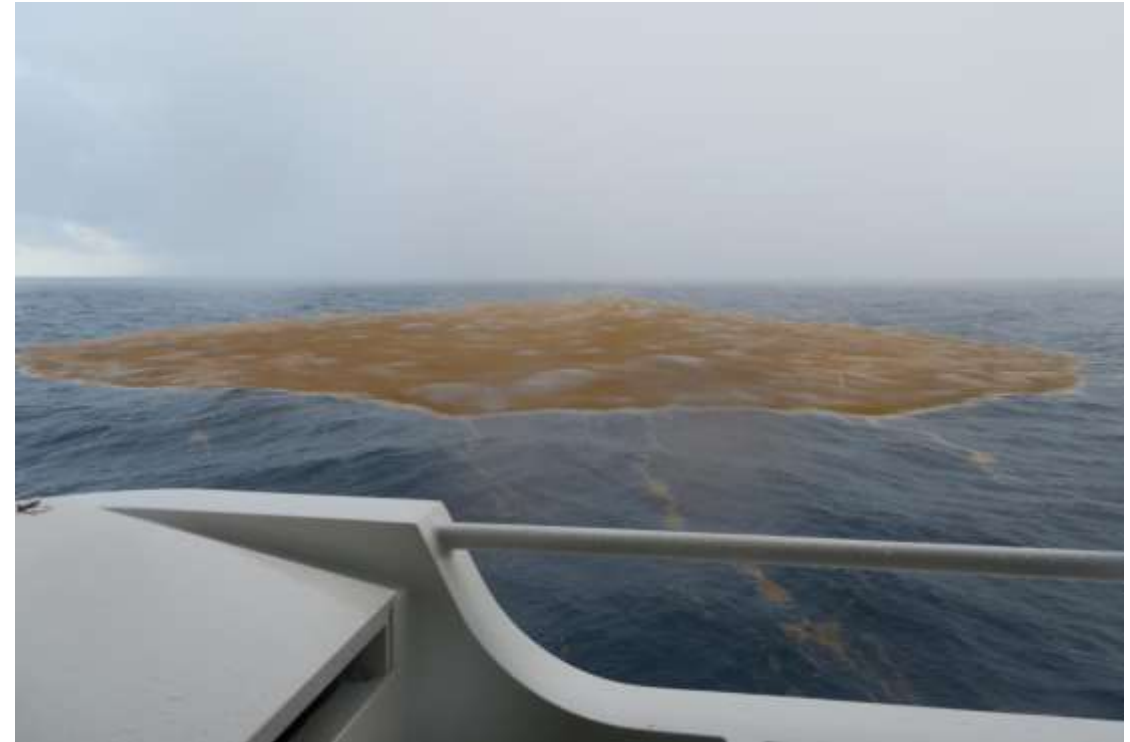


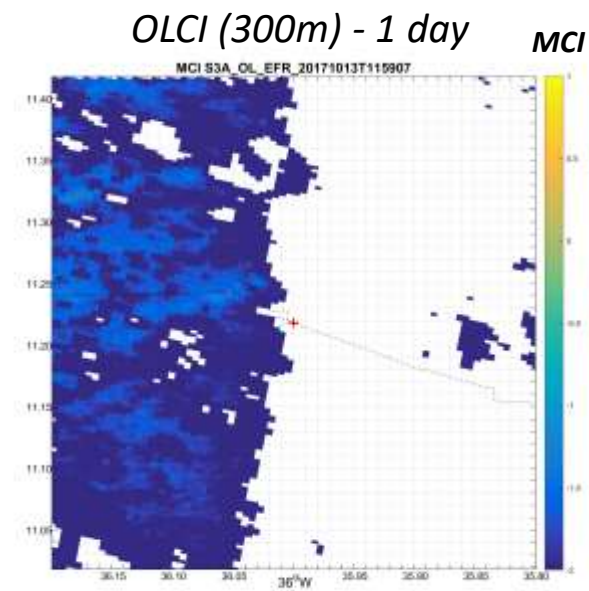
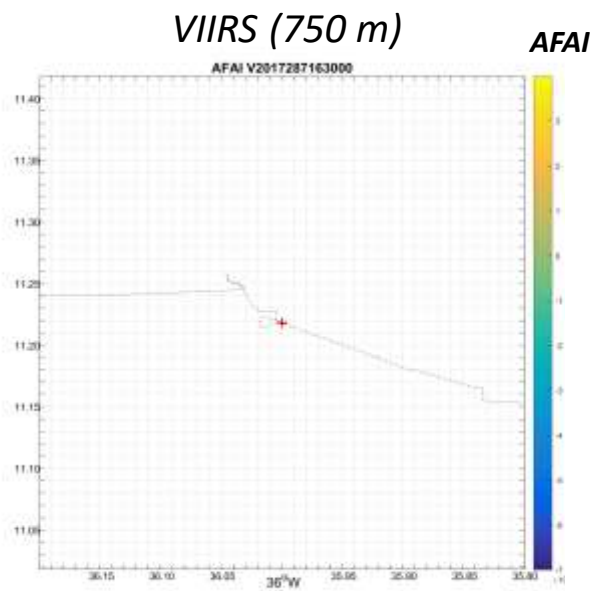
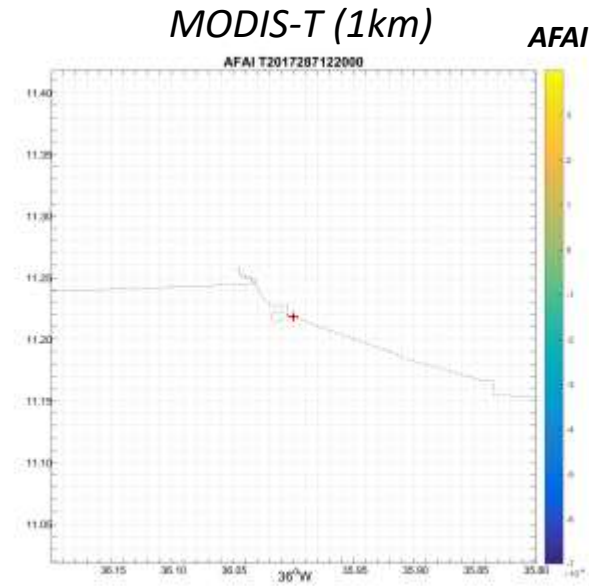
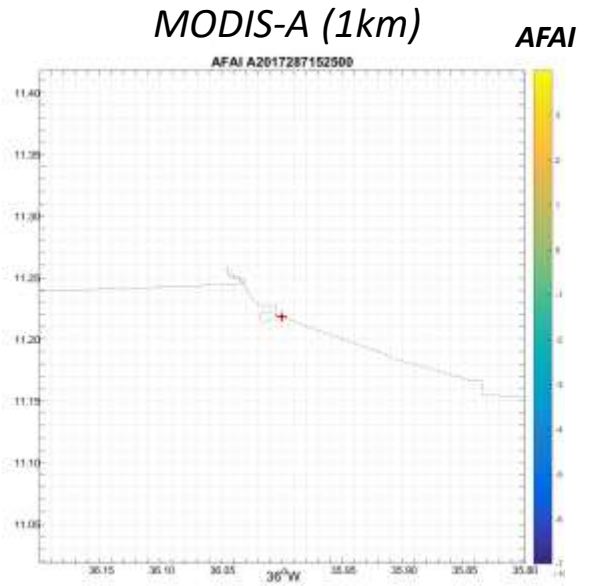
In situ - Type 2

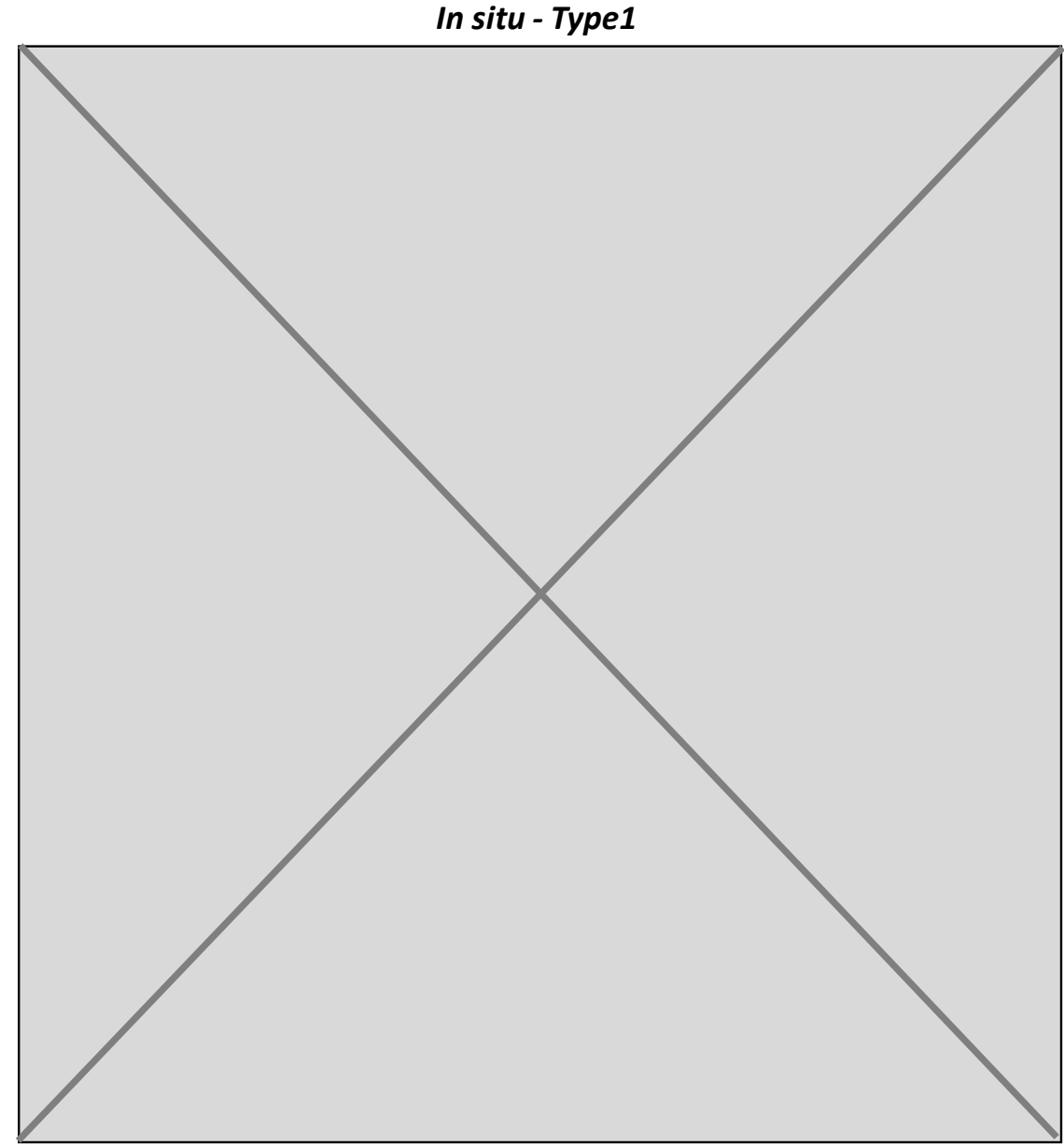
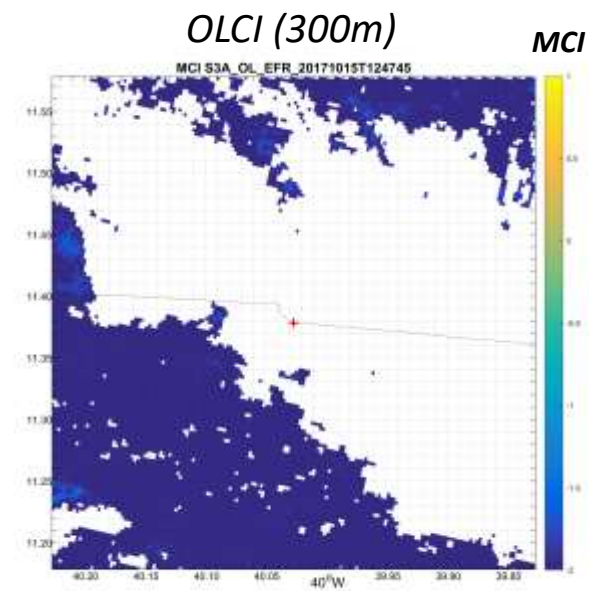
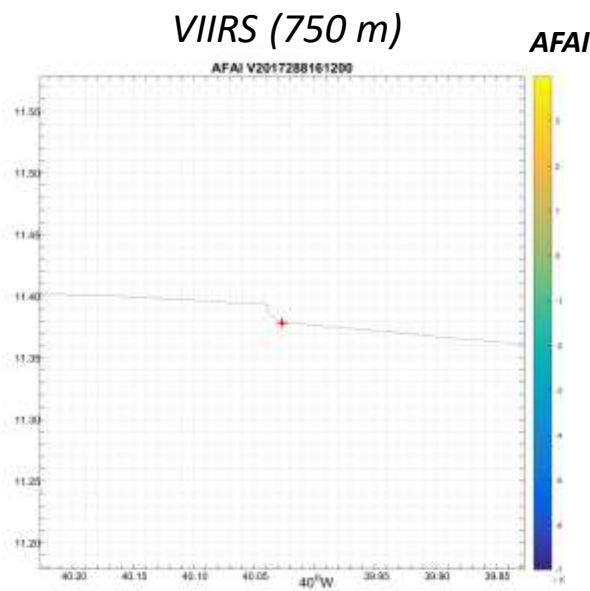
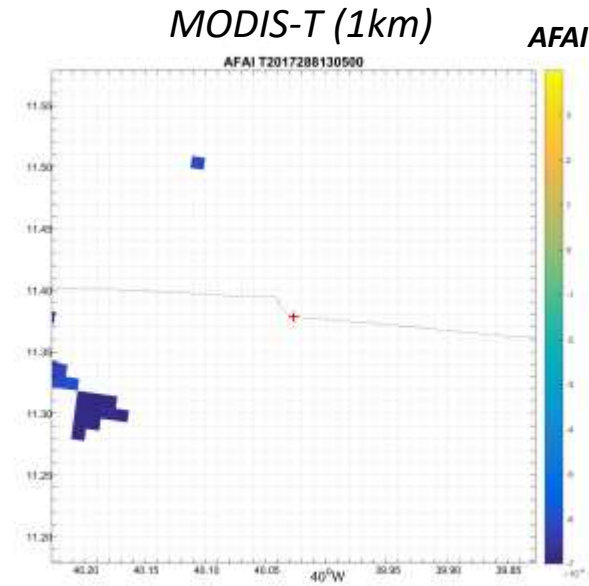
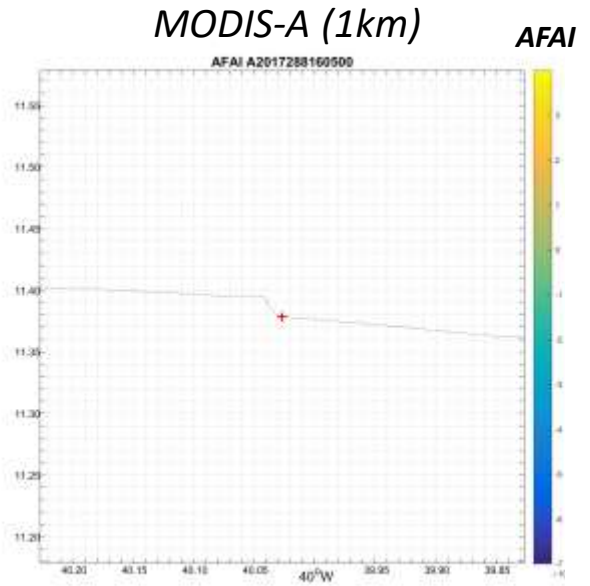


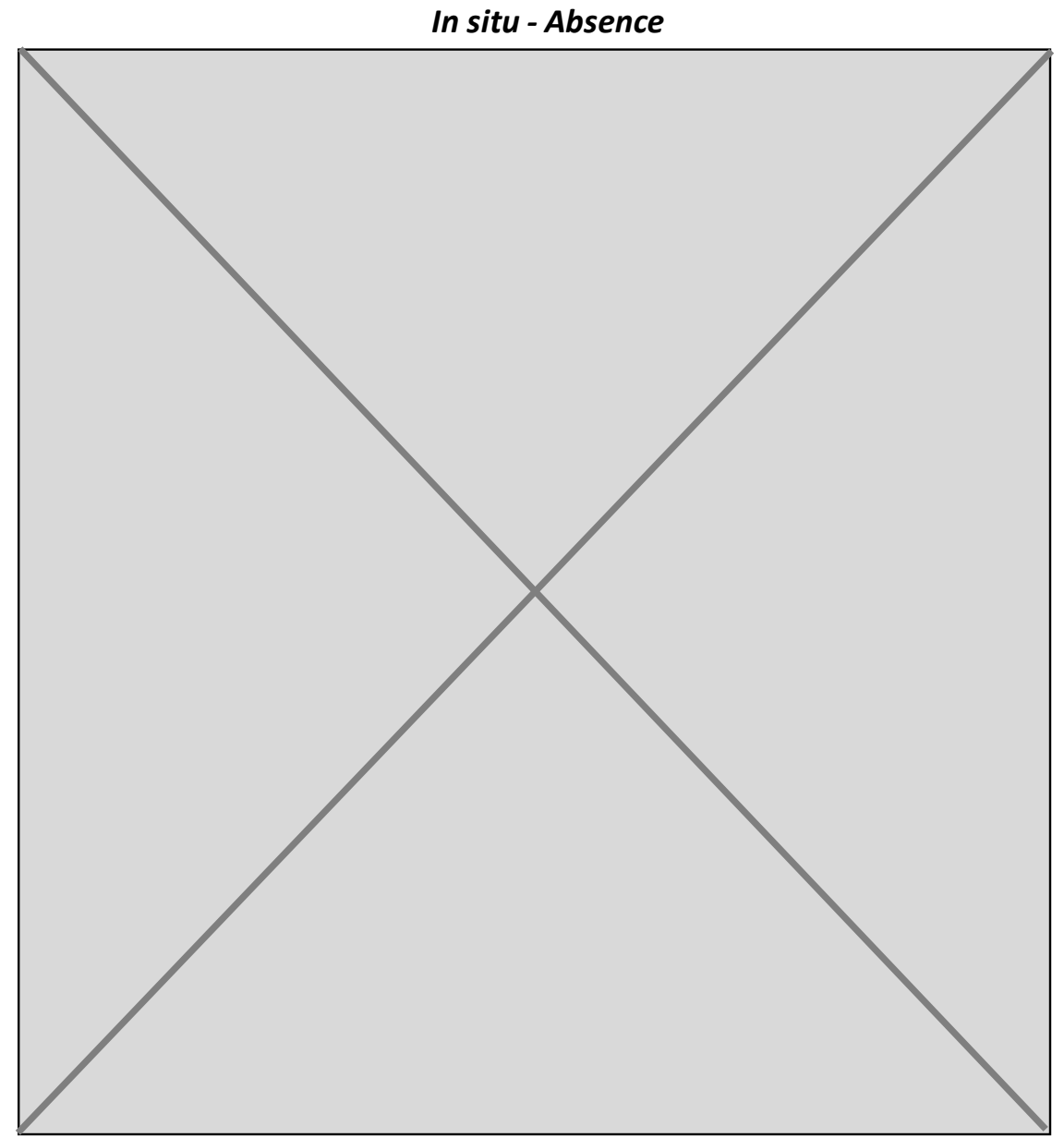
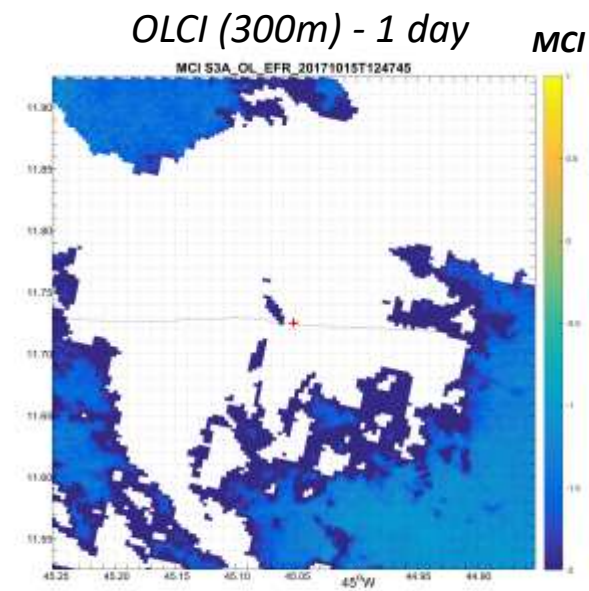
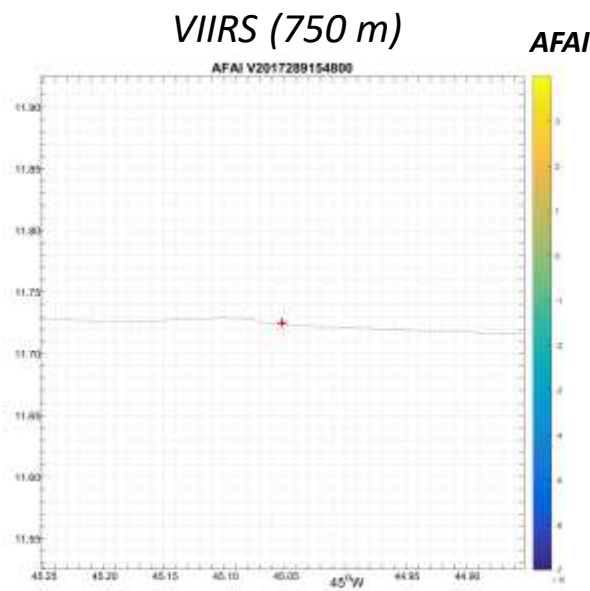
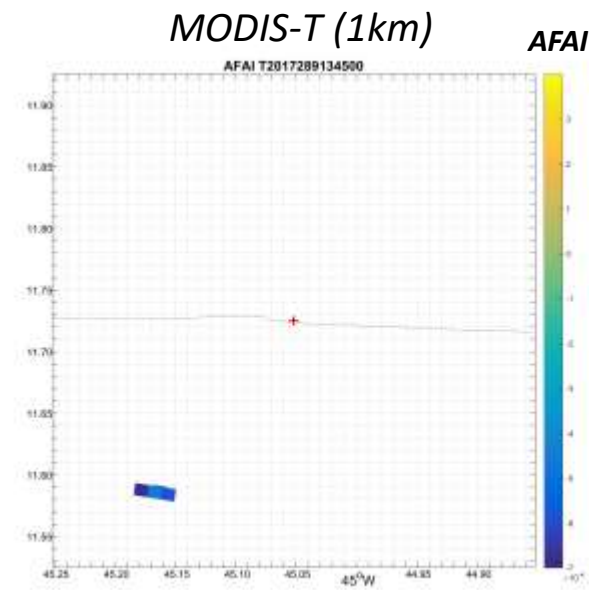
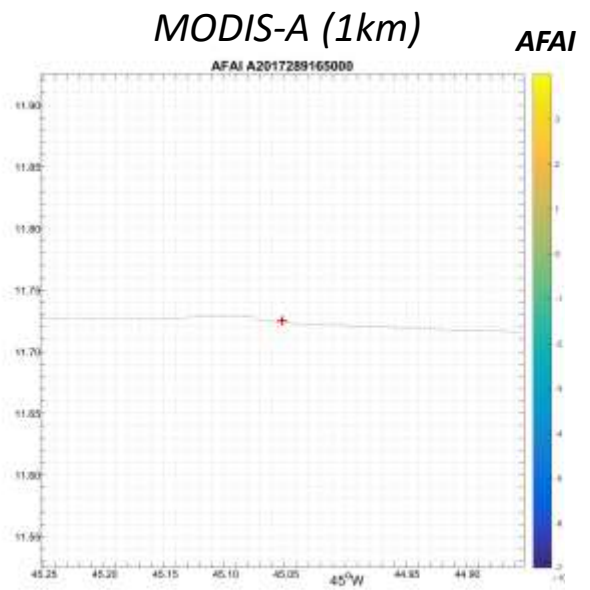


In situ - Type 5 (2 rafts)







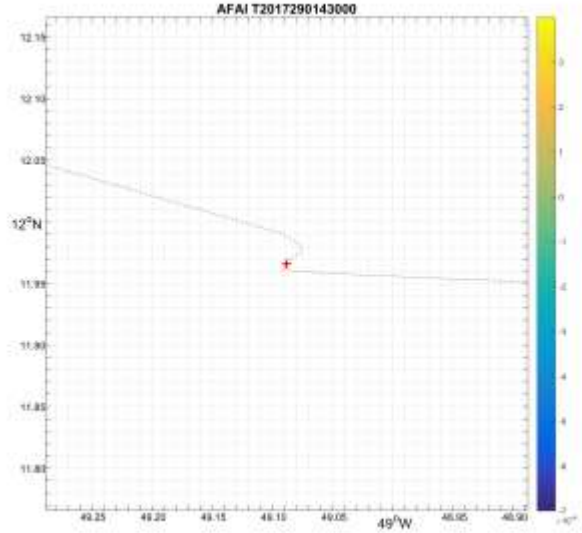


S2 Fig – 36. TRANSATLANTIC - Y11 - 2017-10-17 12.00 TU - 11°57.953'N 49°05.291'W - WS = 9.4 m.s⁻¹ WD = 257° SS = Rough

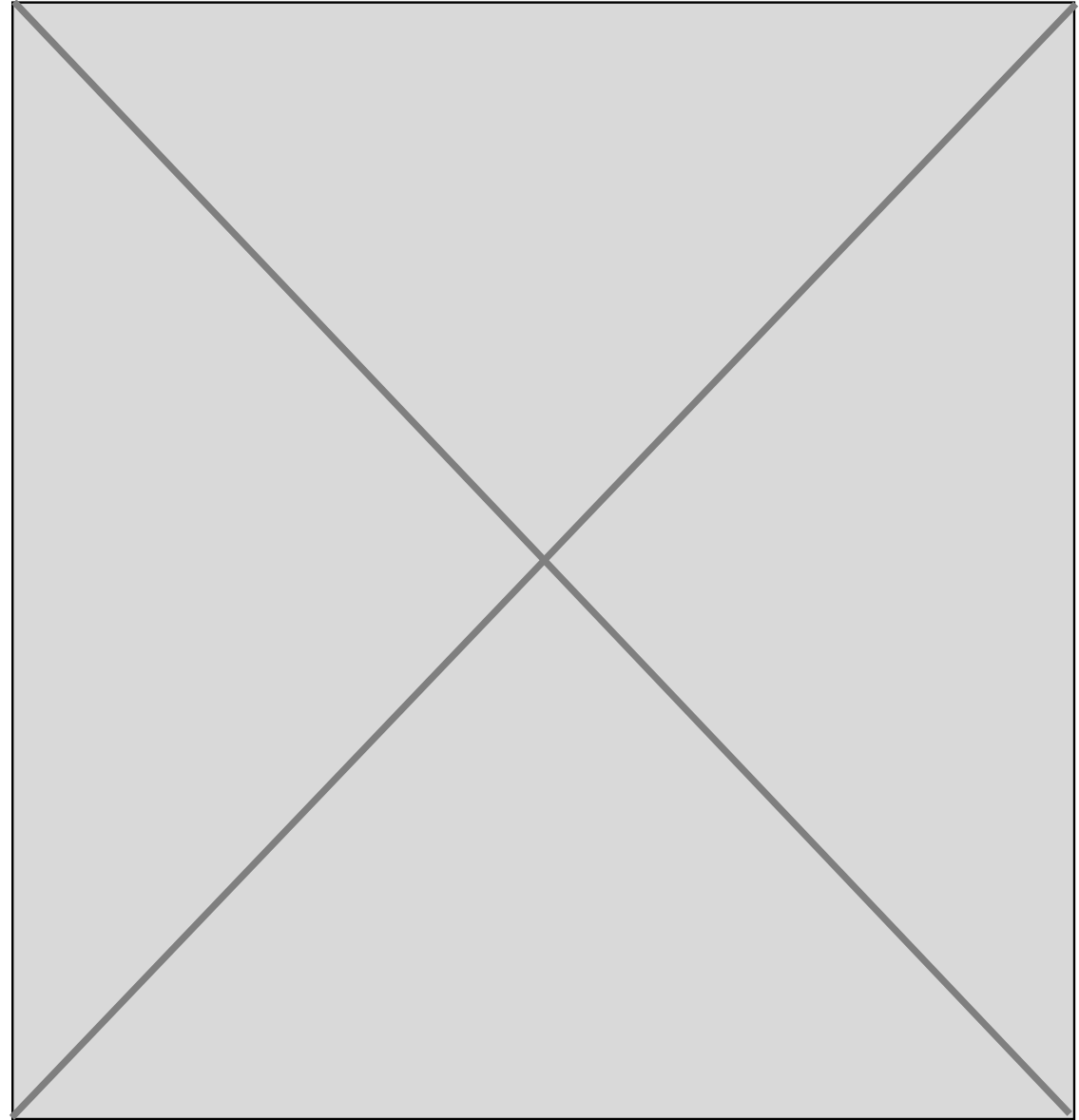
MODIS-A (1km)



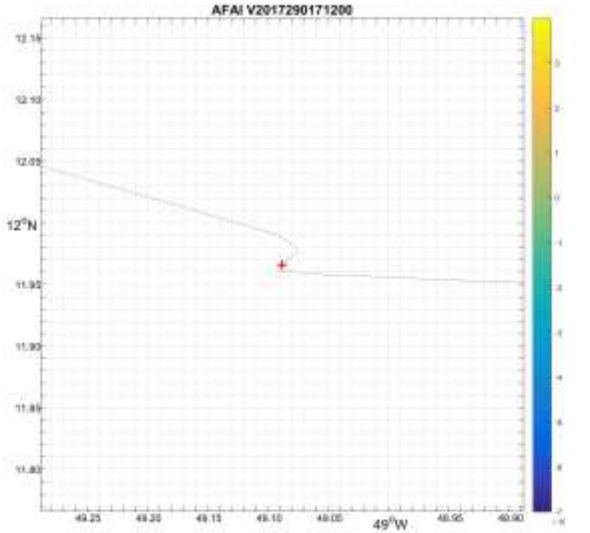
MODIS-T (1km)



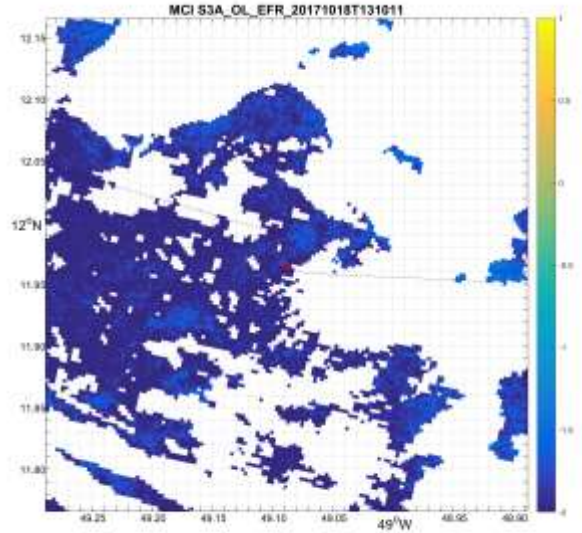
In situ - Absence



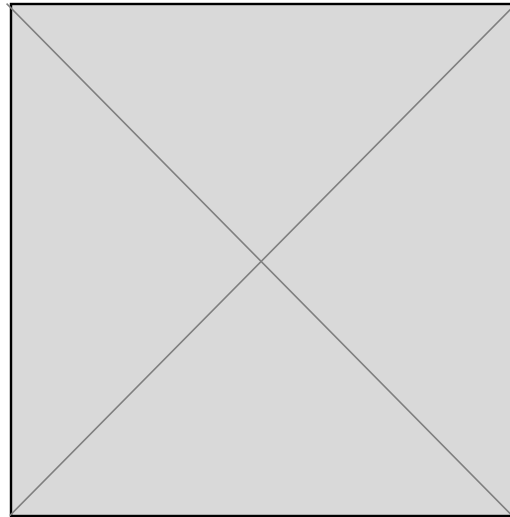
VIIRS (750 m)



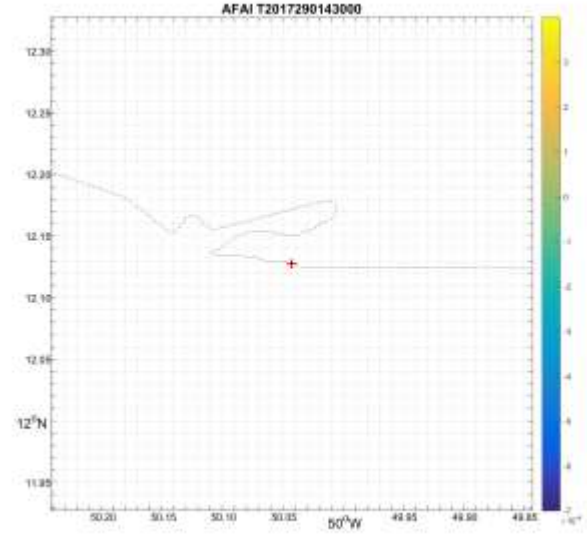
OLCI (300m) + 1 day



MODIS-A (1km)

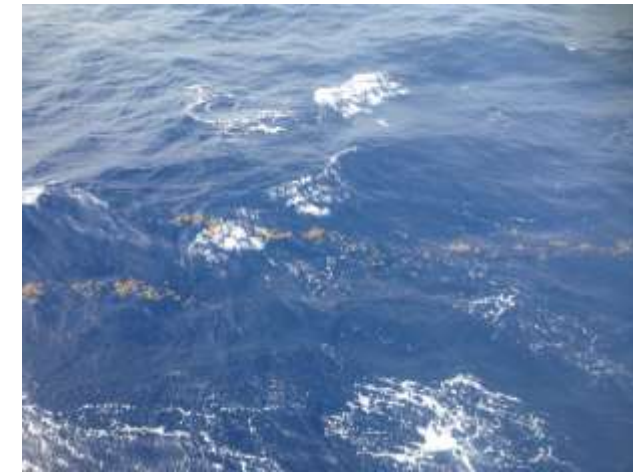


MODIS-T (1km)

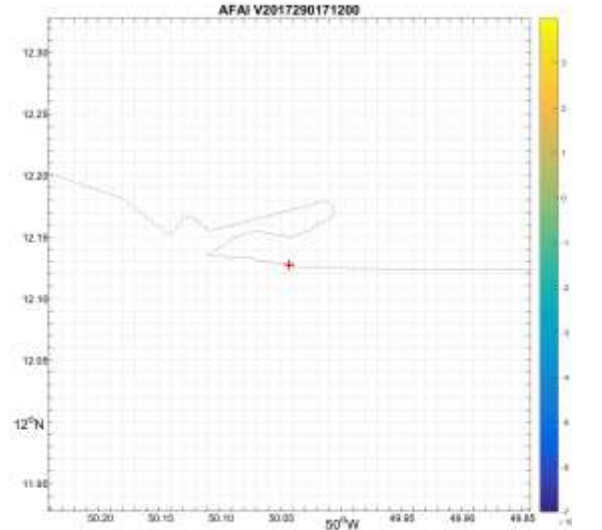


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In situ - Type 2

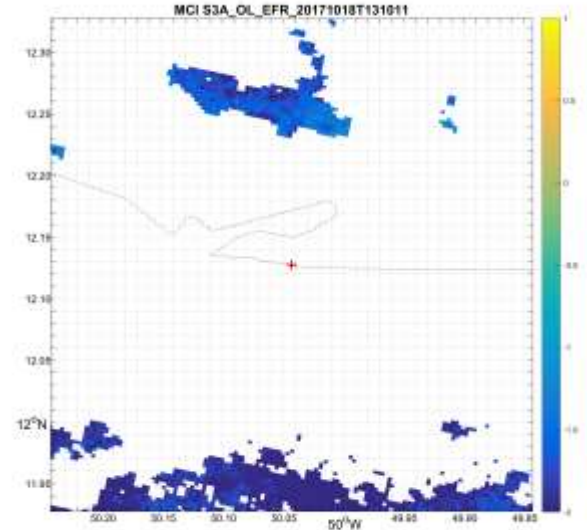


VIIRS (750 m)



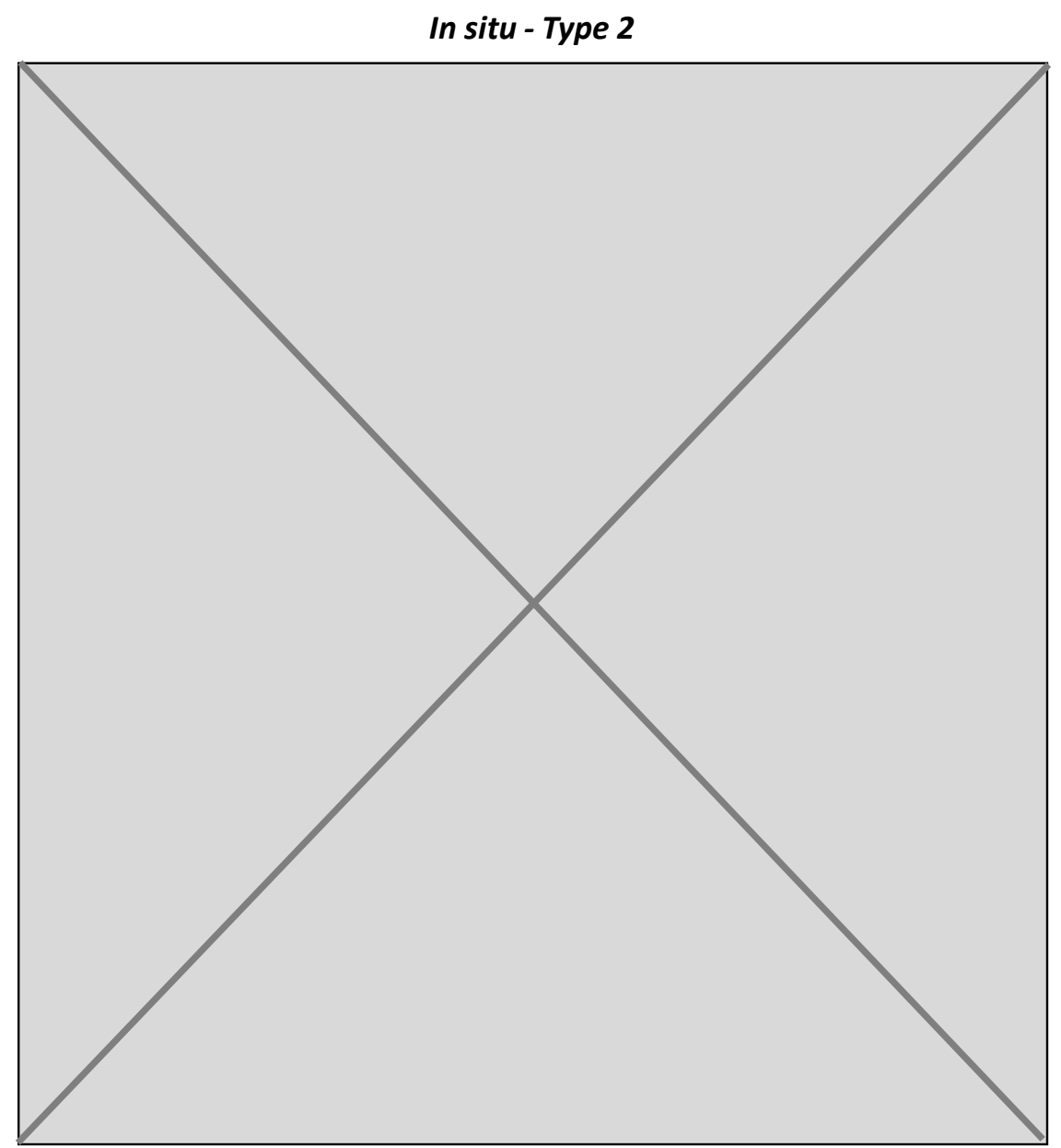
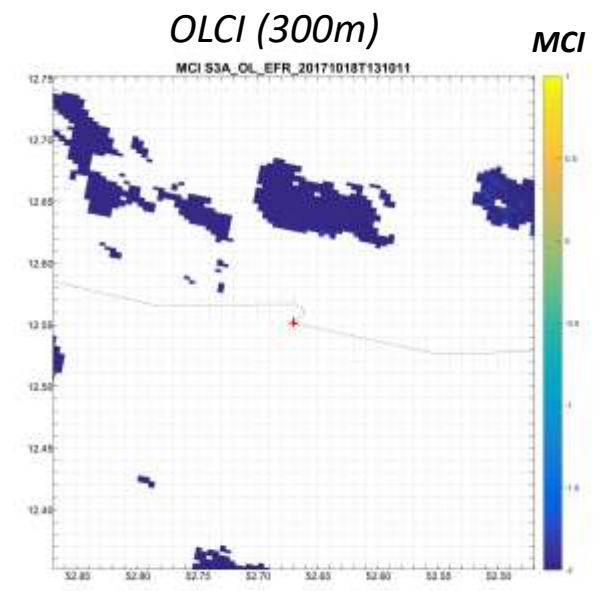
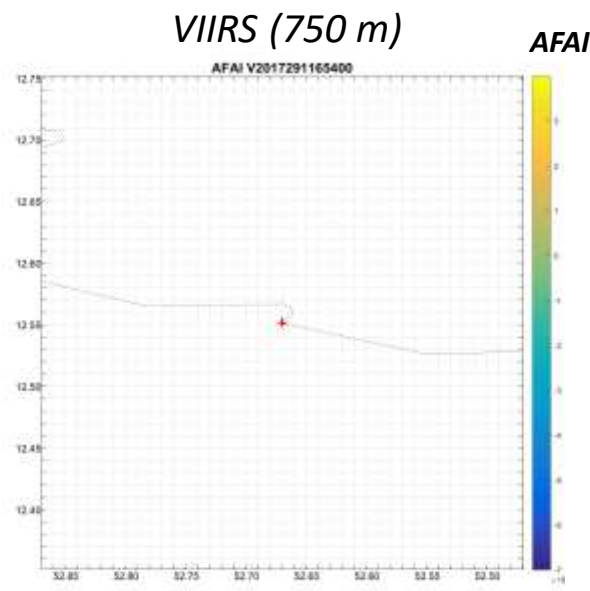
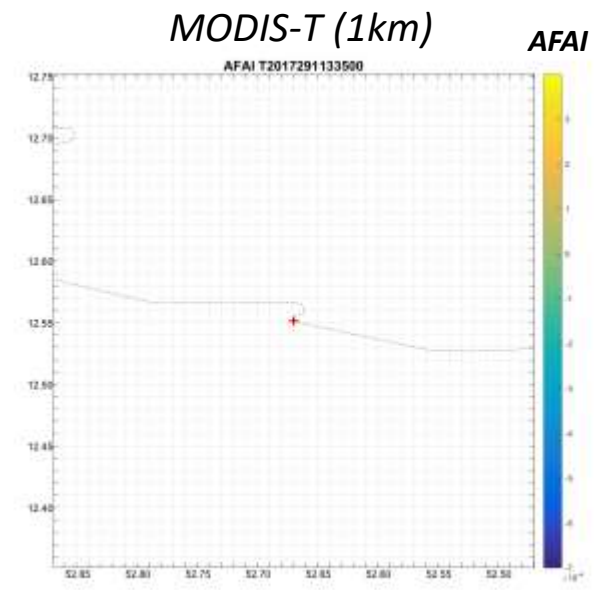
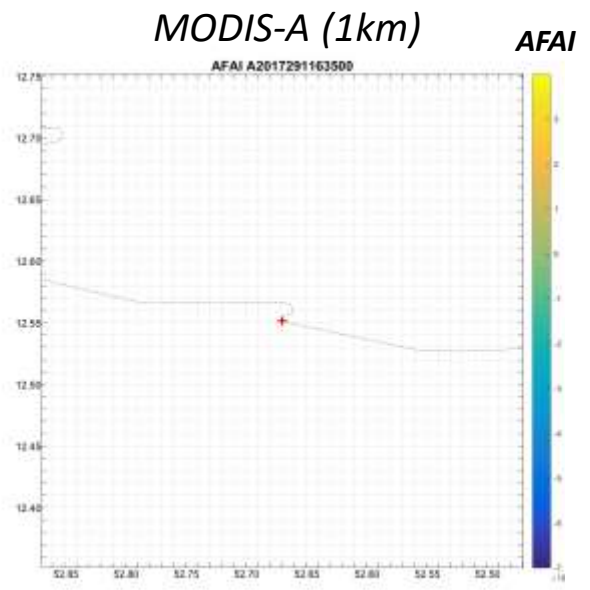
AFAI

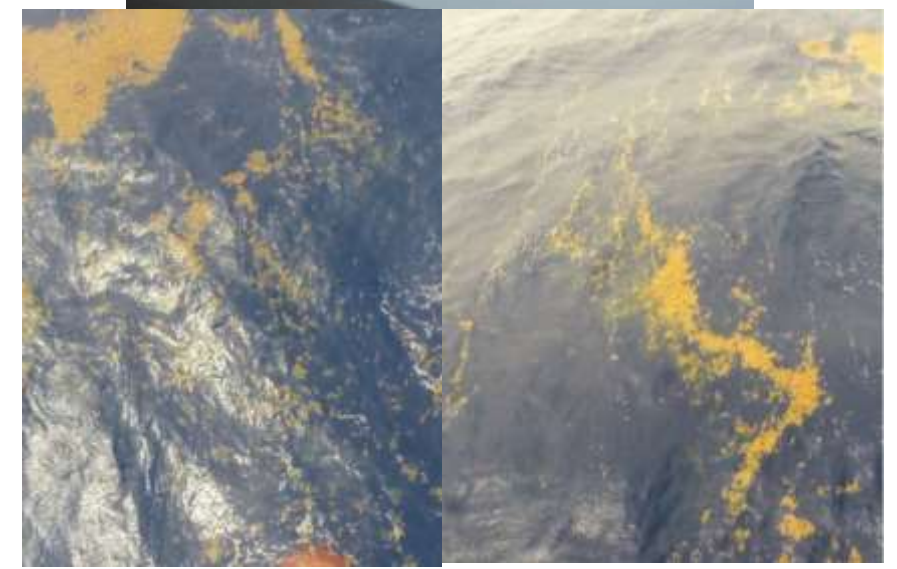
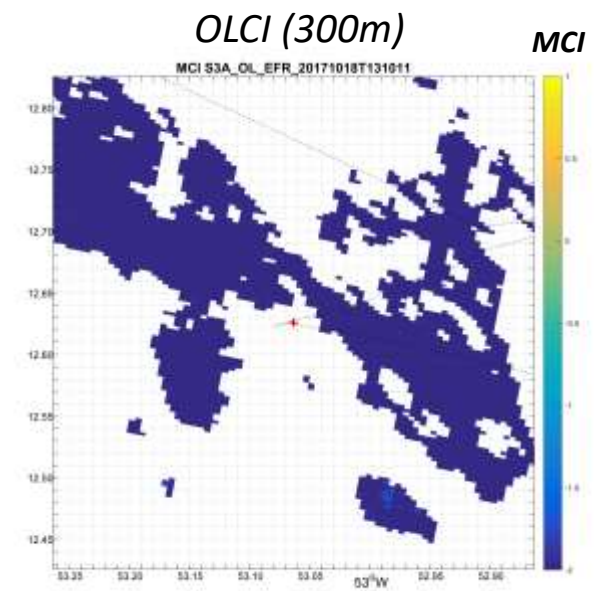
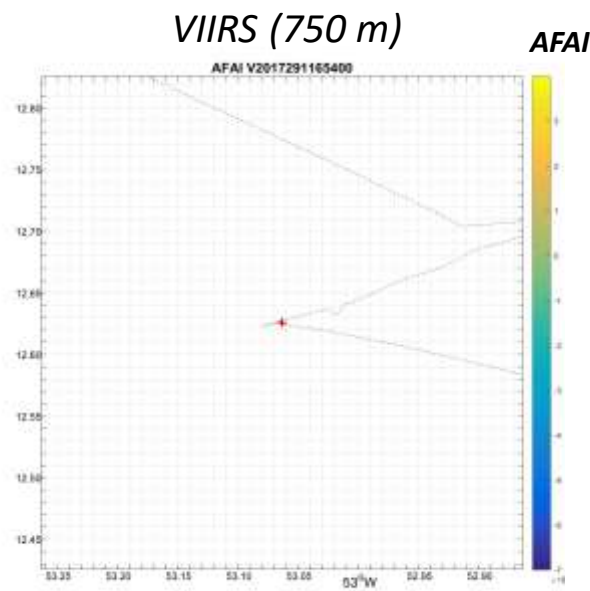
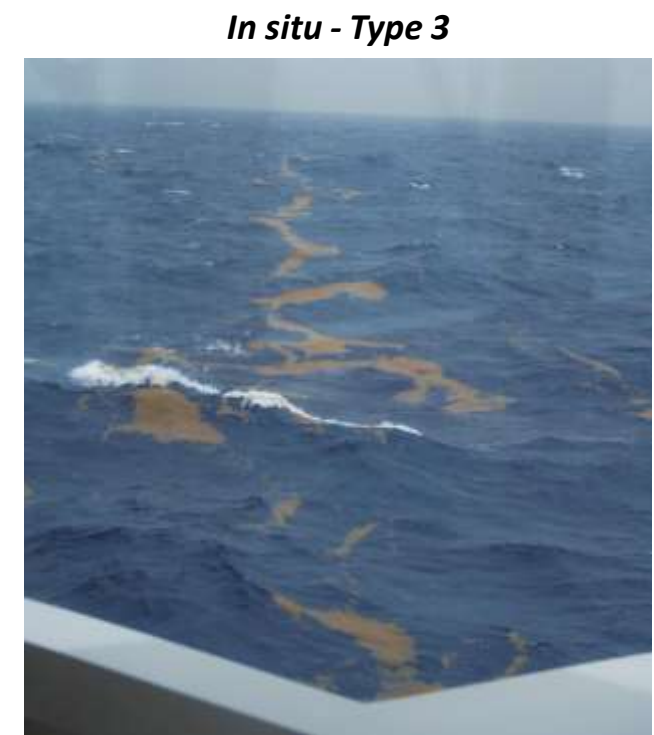
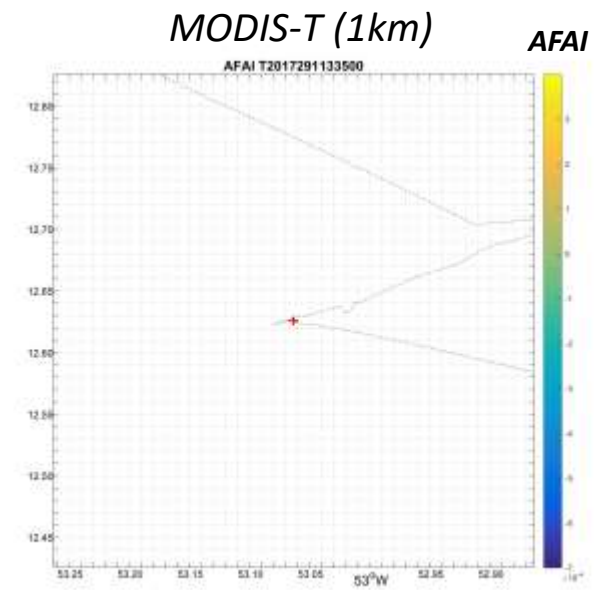
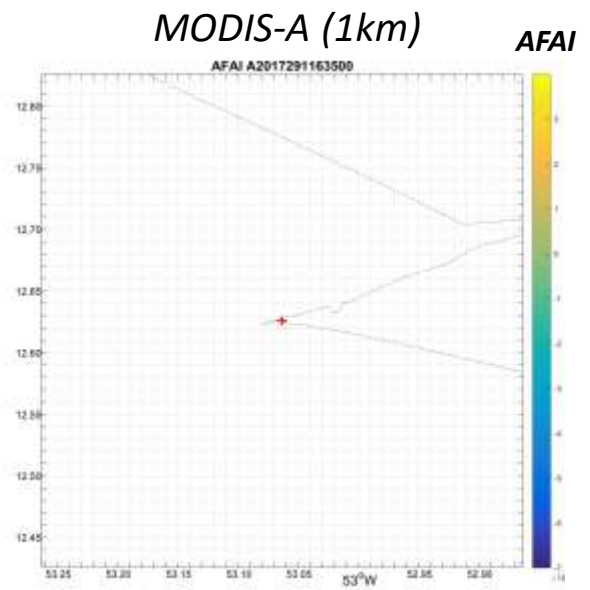
OLCI (300m) + 1 day

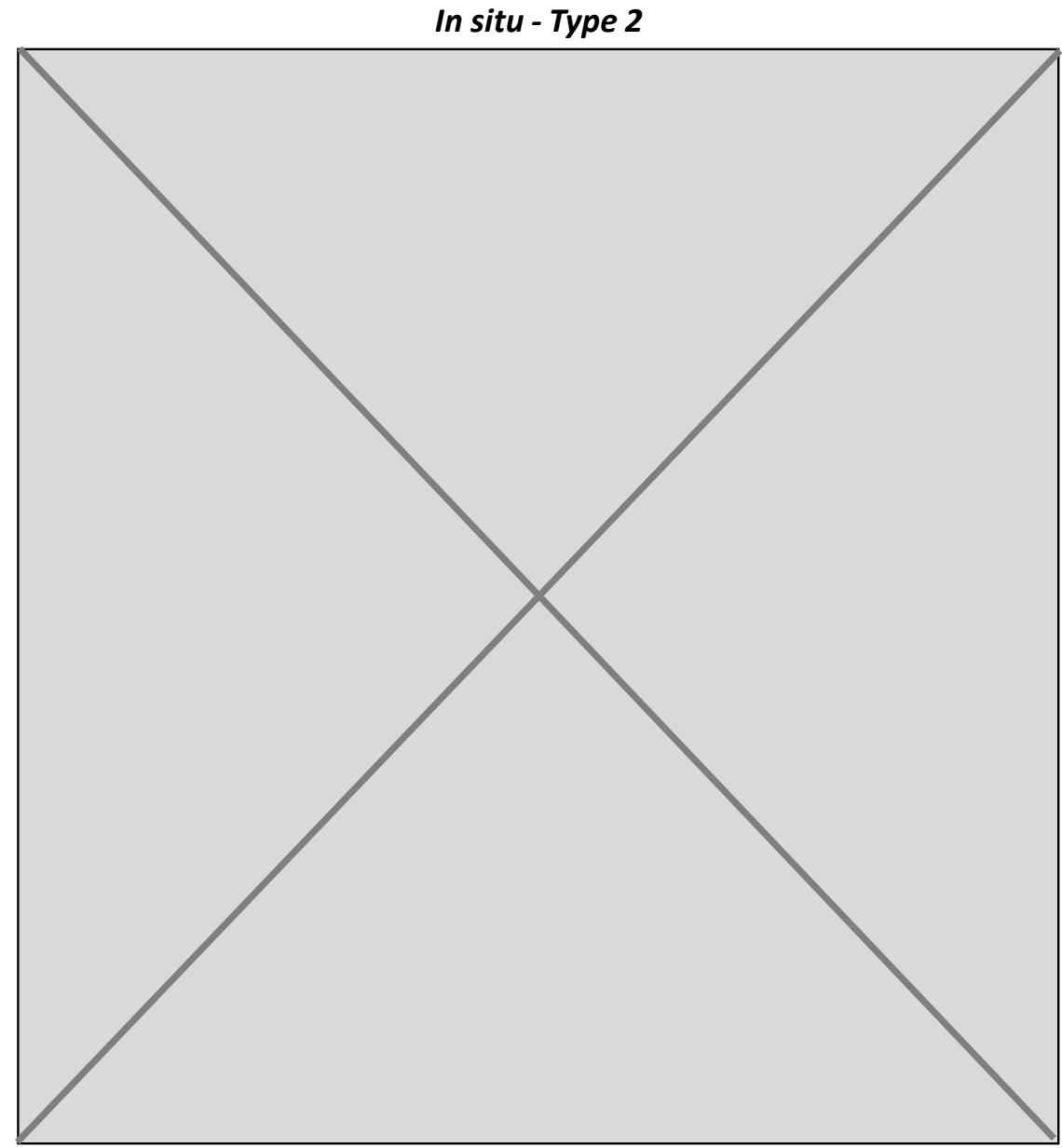
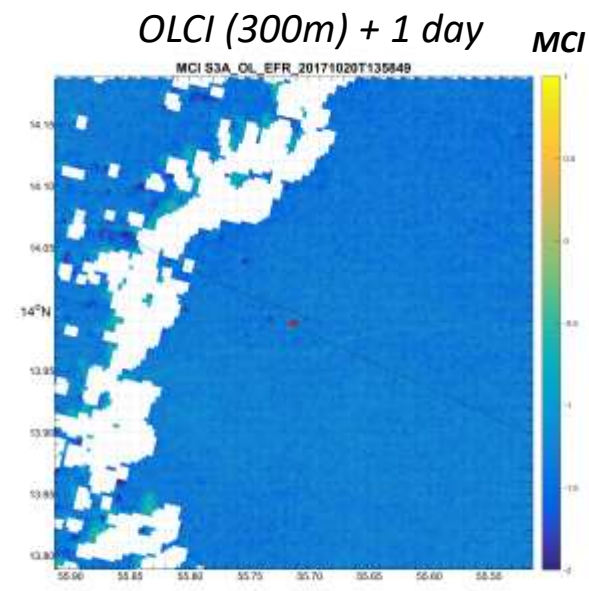
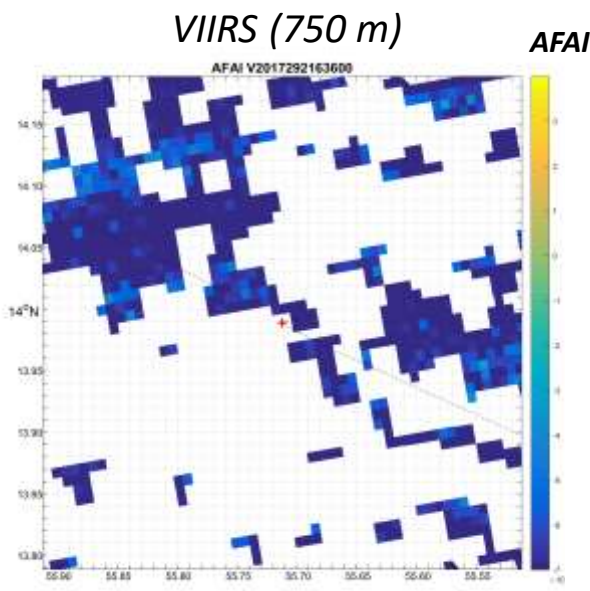
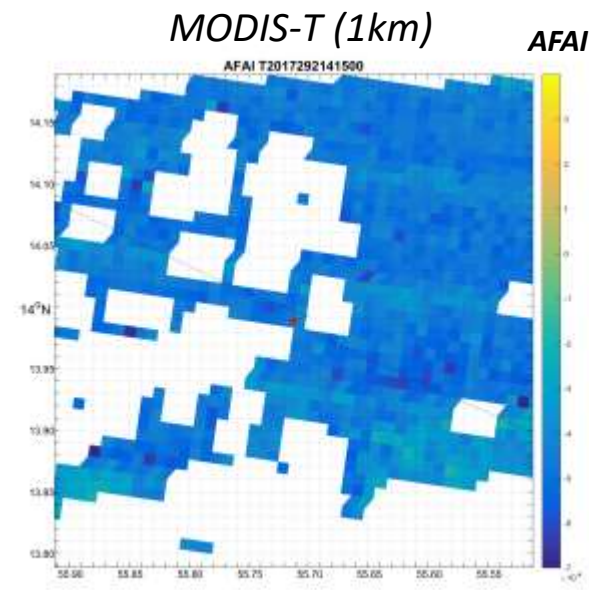
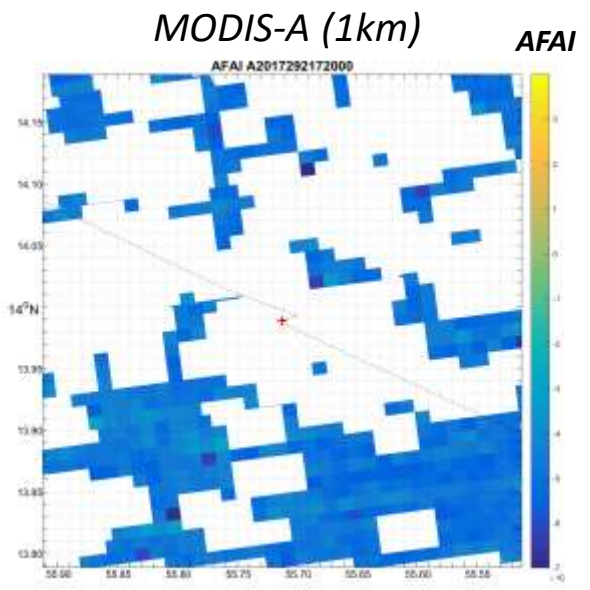


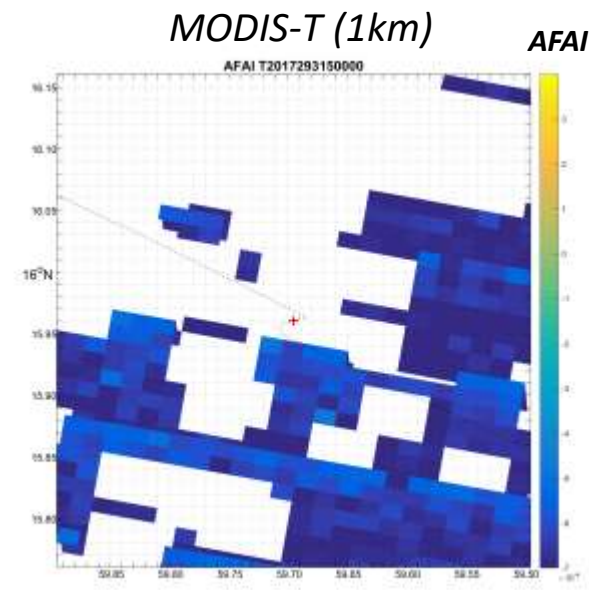
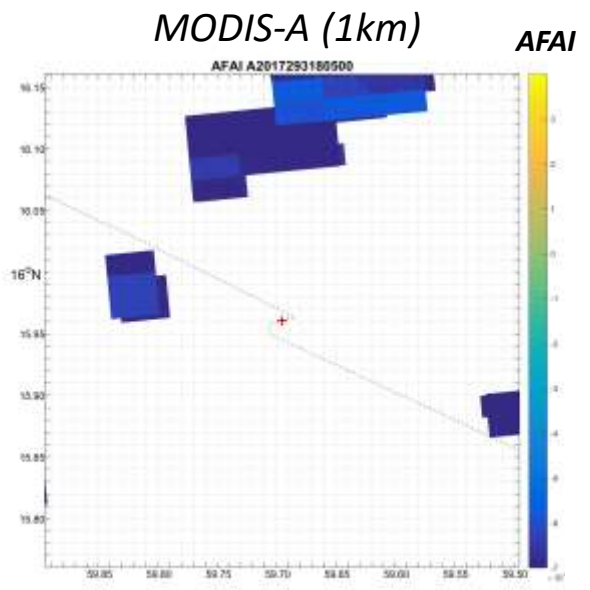
MCI

S2 Fig – 38. TRANSATLANTIC - Y12 - 2017-10-18 12.00 TU - 12°33.091'N 52°40.157'W - WS = 11m.s⁻¹ WD = 263° SS = Rough

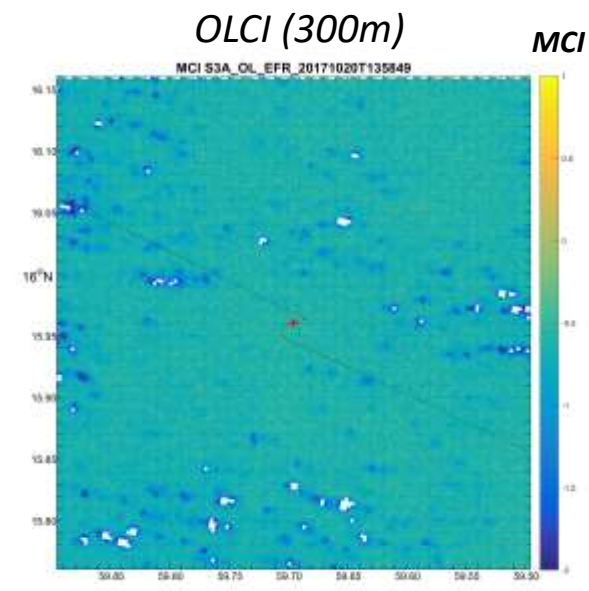
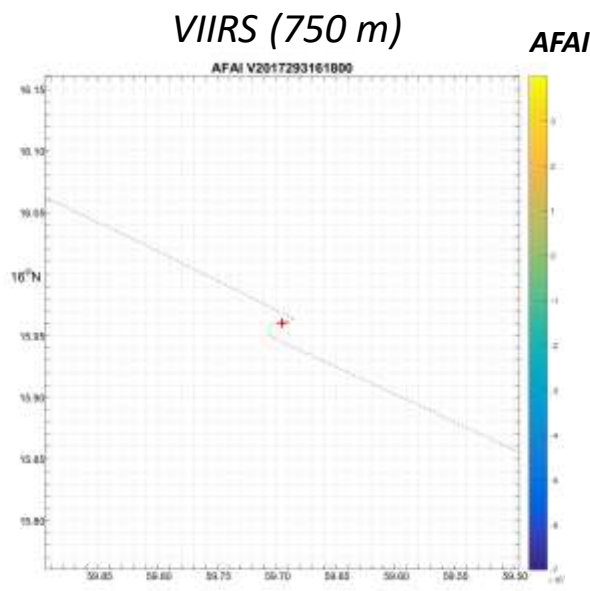




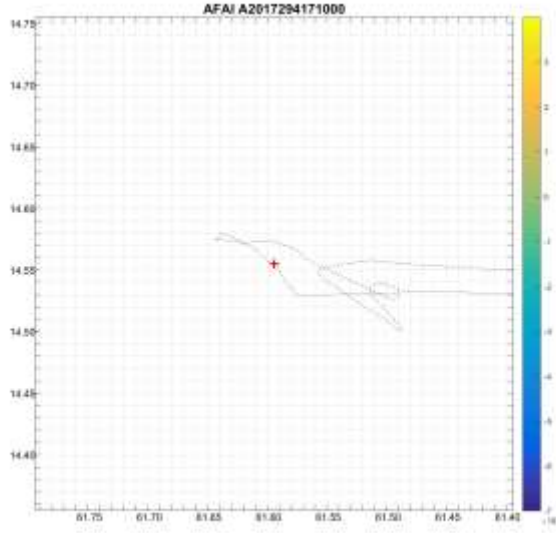




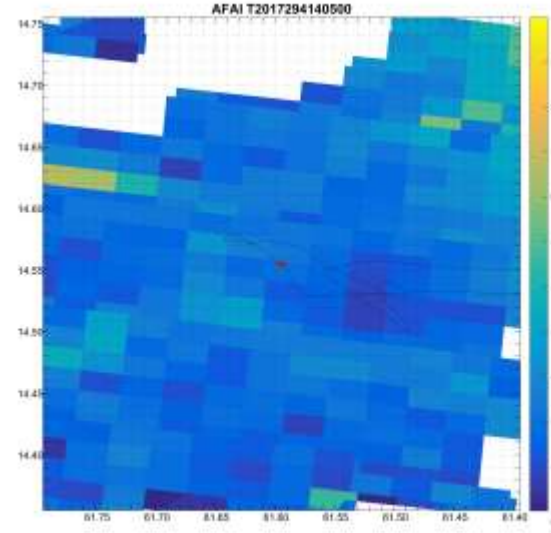
In situ - Type 2



MODIS-A (1km)



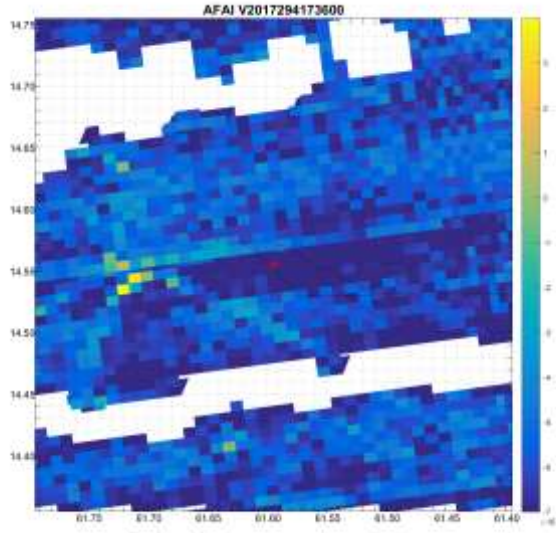
MODIS-T (1km)



In situ - Type 3



VIIRS (750 m)



OLCI (300m) - 1 day

