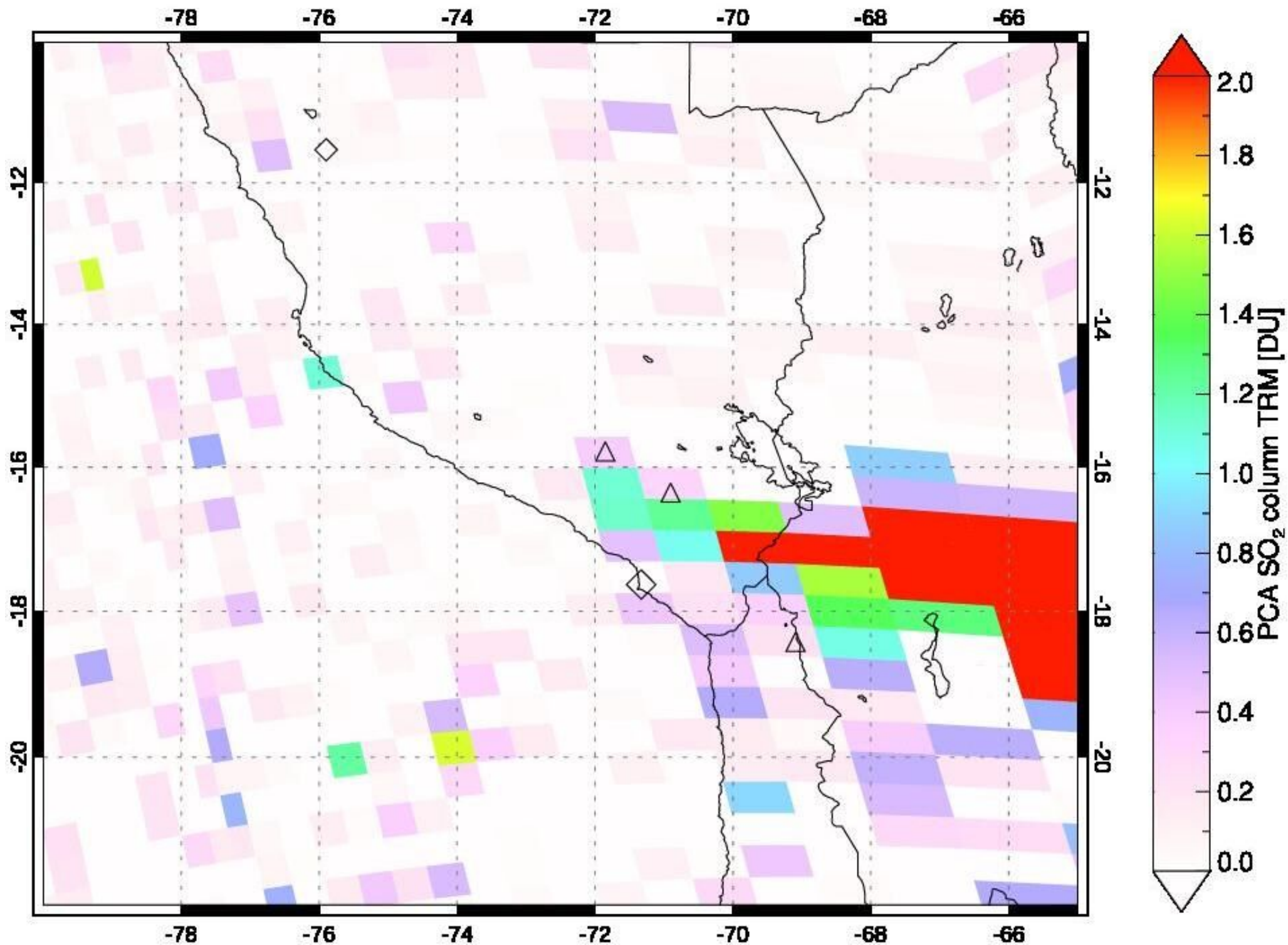


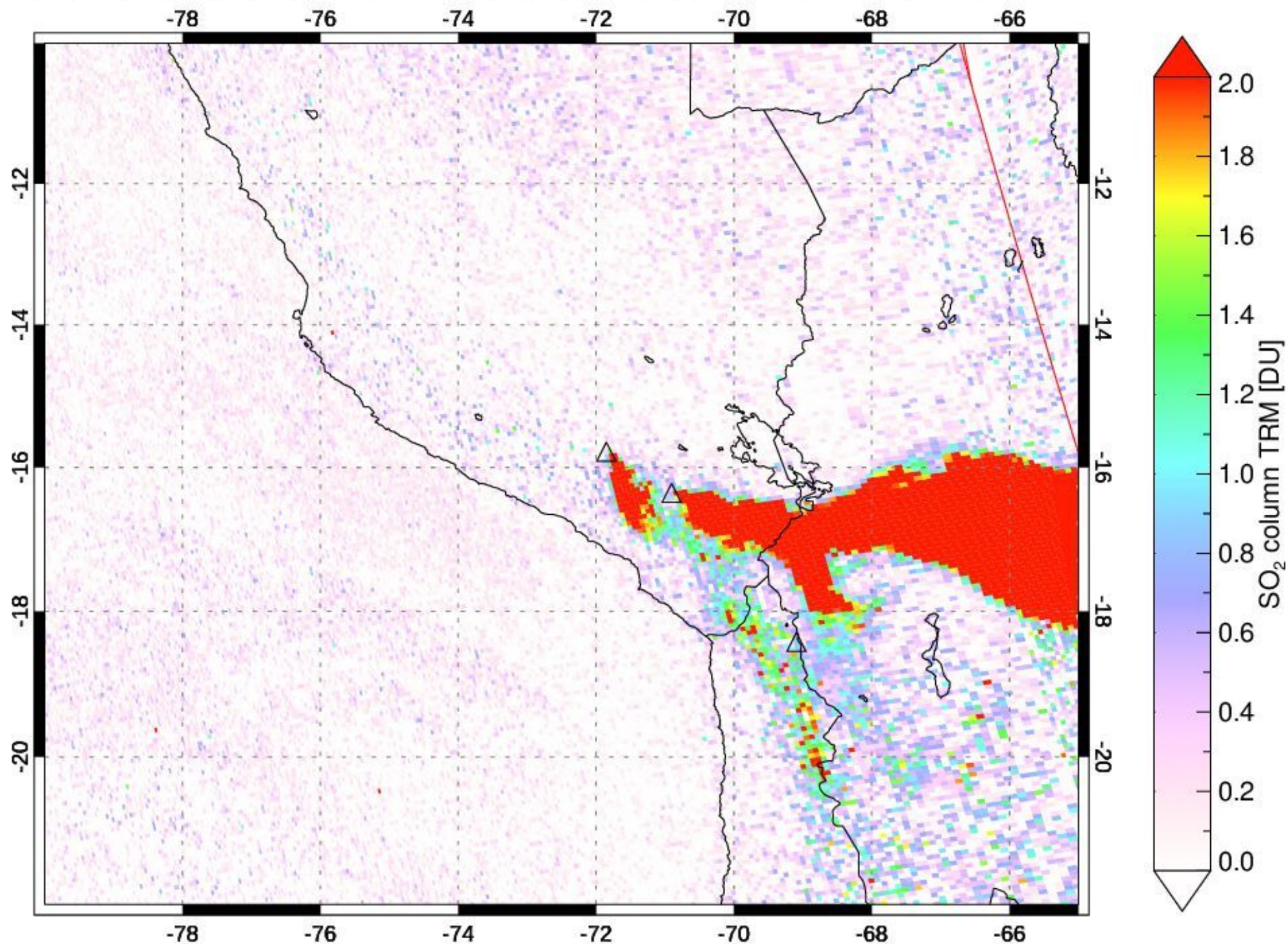
# Suomi NPP/OMPS - 07/19/2019 17:07-18:51 UT

SO<sub>2</sub> mass: 41.881 kt; Area: 228390 km<sup>2</sup>; SO<sub>2</sub> max: 52.08 DU at lon: -65.67 lat: -17.74 ; 17:08UTC



# Sentinel-5P/TROPOMI - 07/19/2019 17:11-18:54 UT

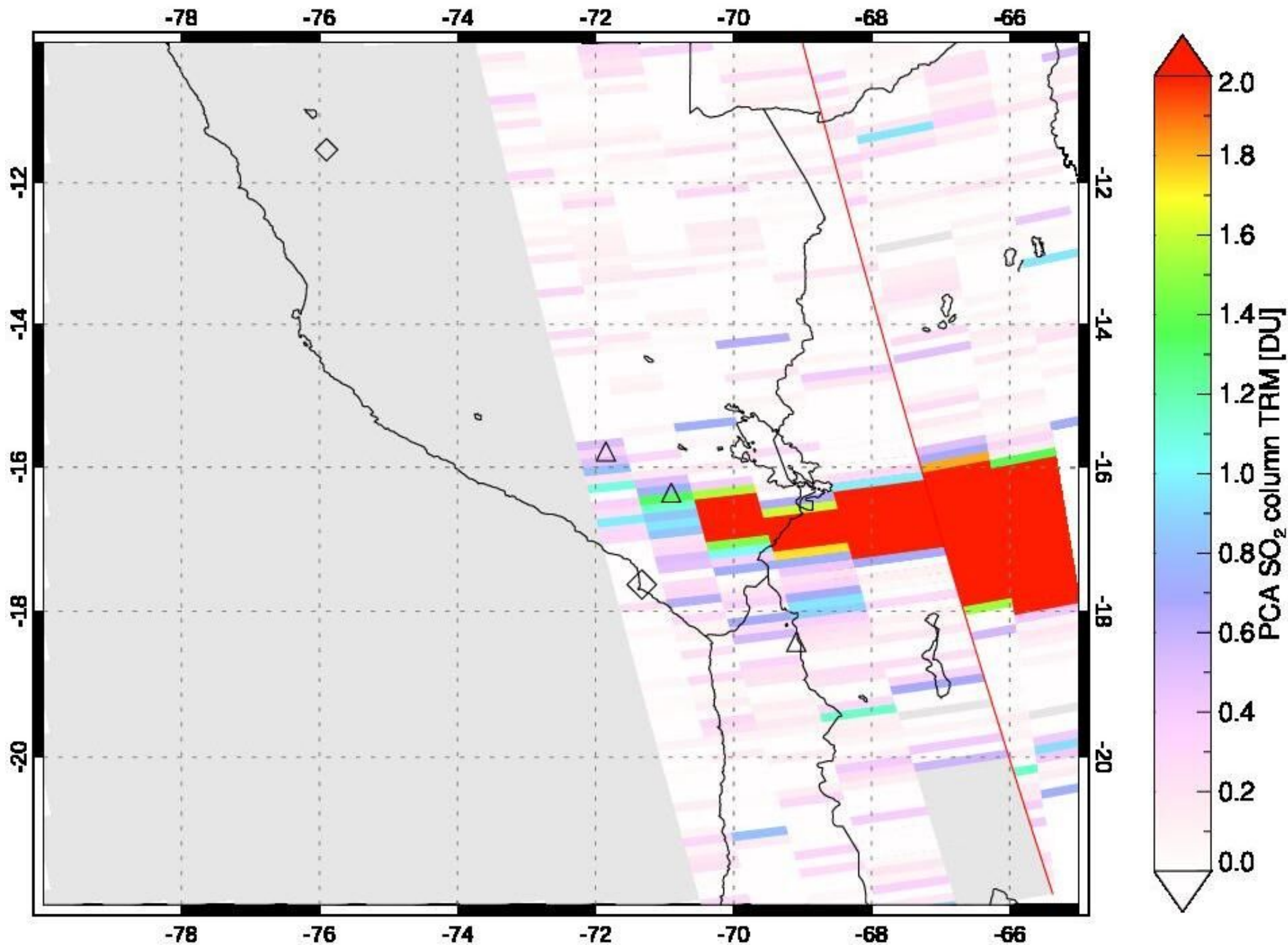
SO<sub>2</sub> mass: 30.0238 kt; Area: 124816 km<sup>2</sup>; SO<sub>2</sub> max: 68.52 DU at lon: -65.02 lat: -16.54 ; 17:11UTC



Data: BIRA-IASB/DLR/ESA/EU Copernicus Program

# Aura/OMI - 07/19/2019 17:35-19:16 UT

SO<sub>2</sub> mass: 51.027 kt; Area: 139632 km<sup>2</sup>; SO<sub>2</sub> max: 95.66 DU at lon: -65.67 lat: -16.71 ; 17:36UTC

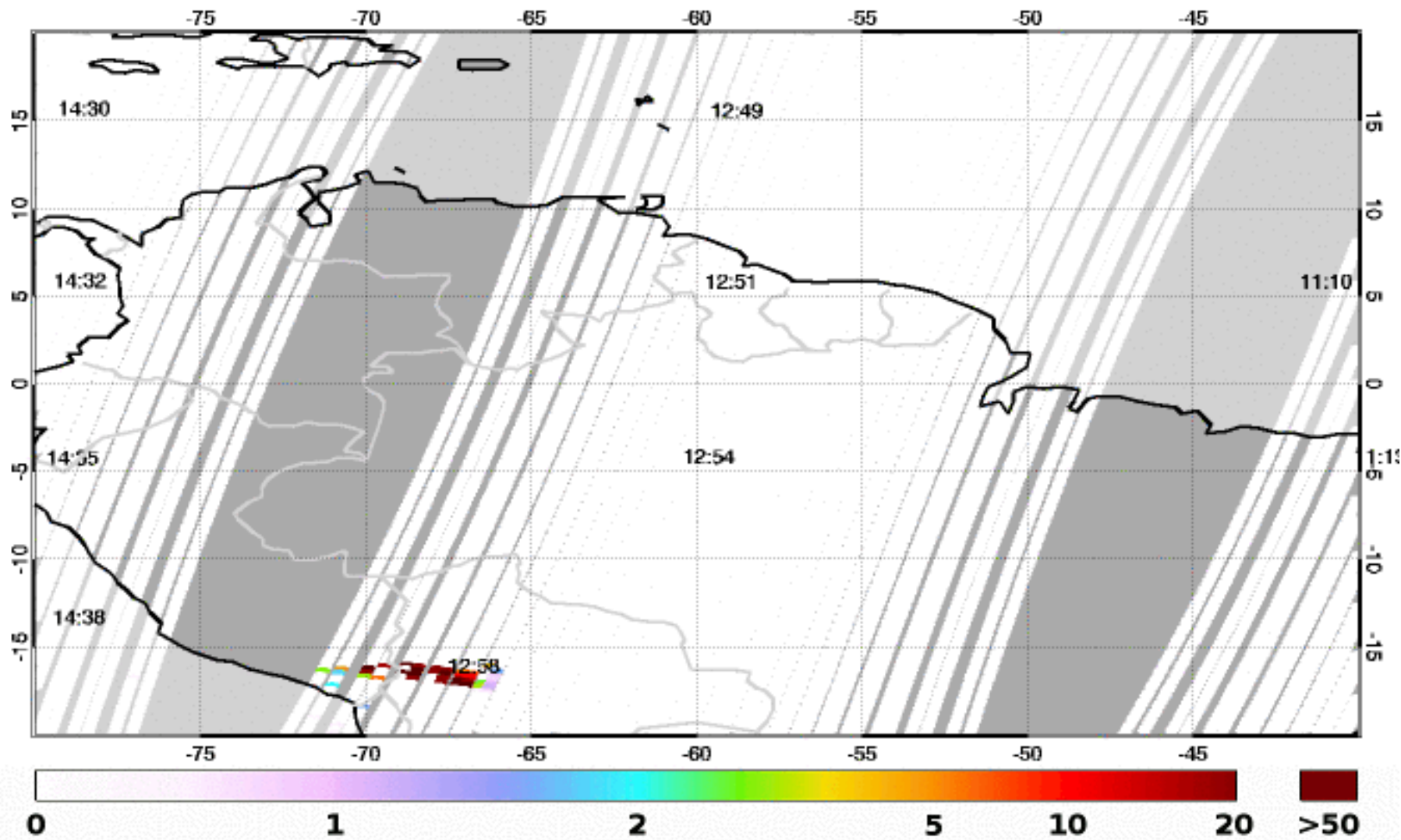


SO2 vertical column [DU]

19 July 2019

IASI – ULB/BIRA-IASB/CNES/EUMETSAT [MetOp-A]

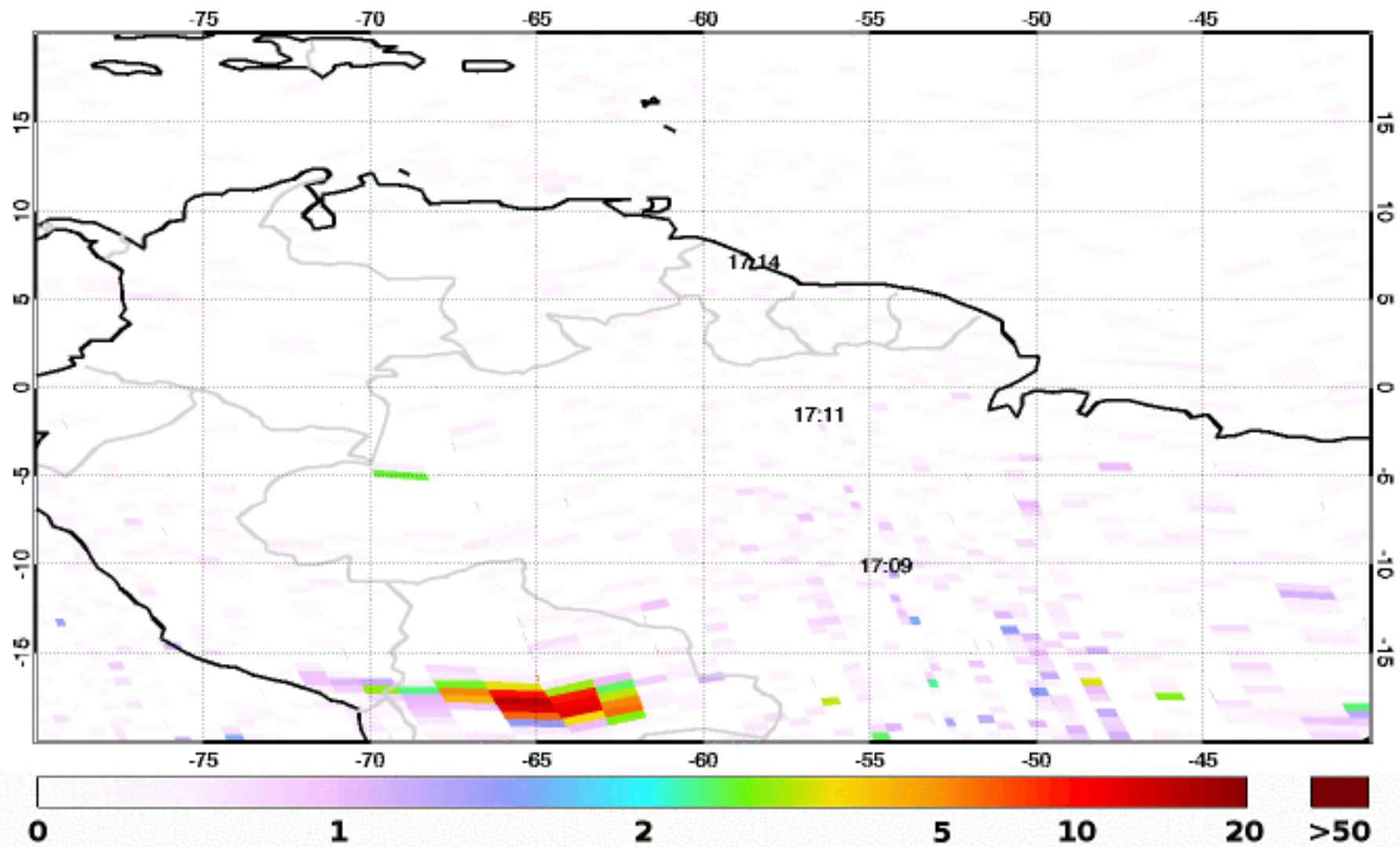
Day



SO2 vertical column [DU]

19 July 2019

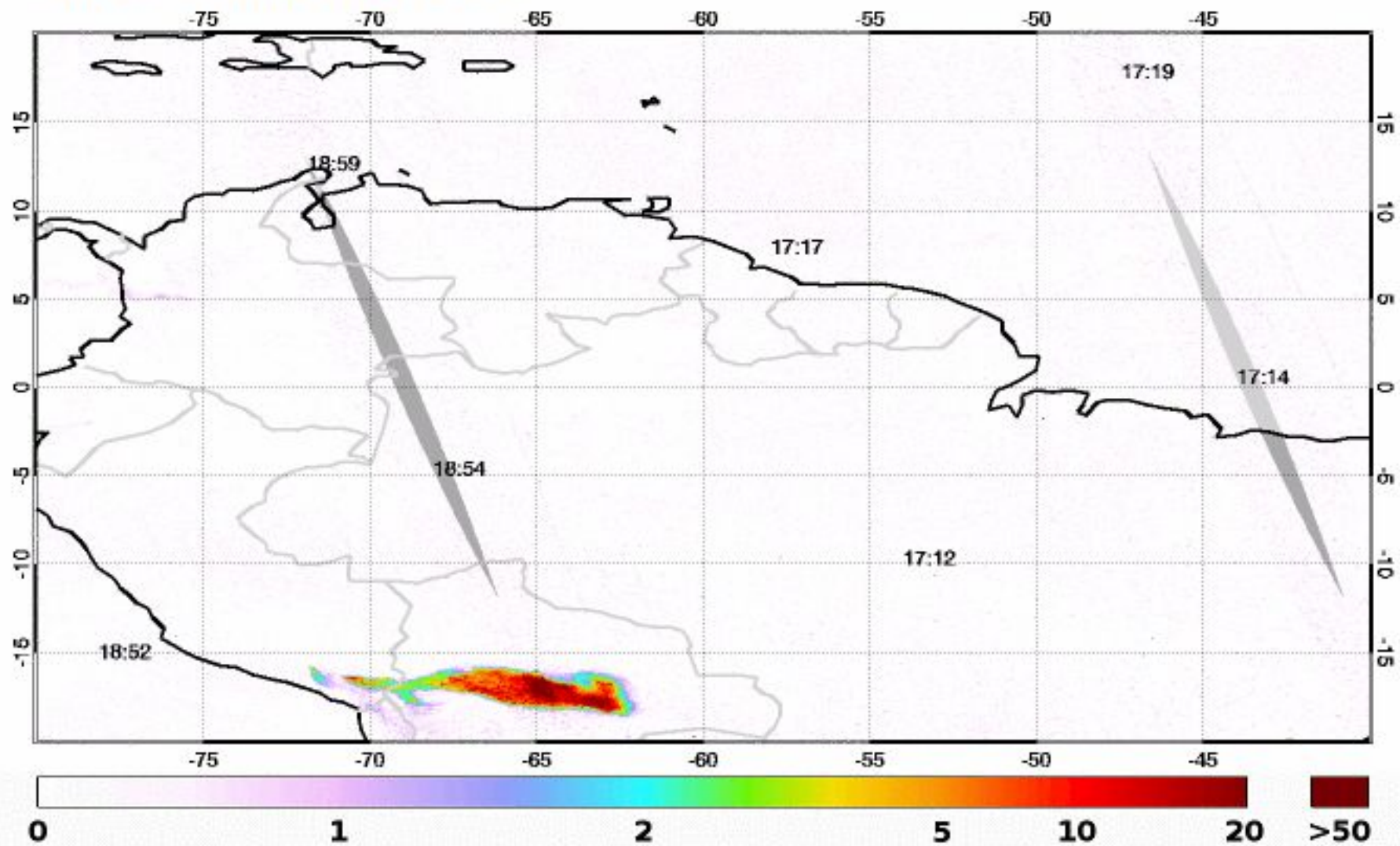
OMPS – NASA/GINA/FMI/BIRA-IASB



# SO2 vertical column [DU]

19 July 2019

TROPOMI – BIRA-IASB/DLR/ESA/EU

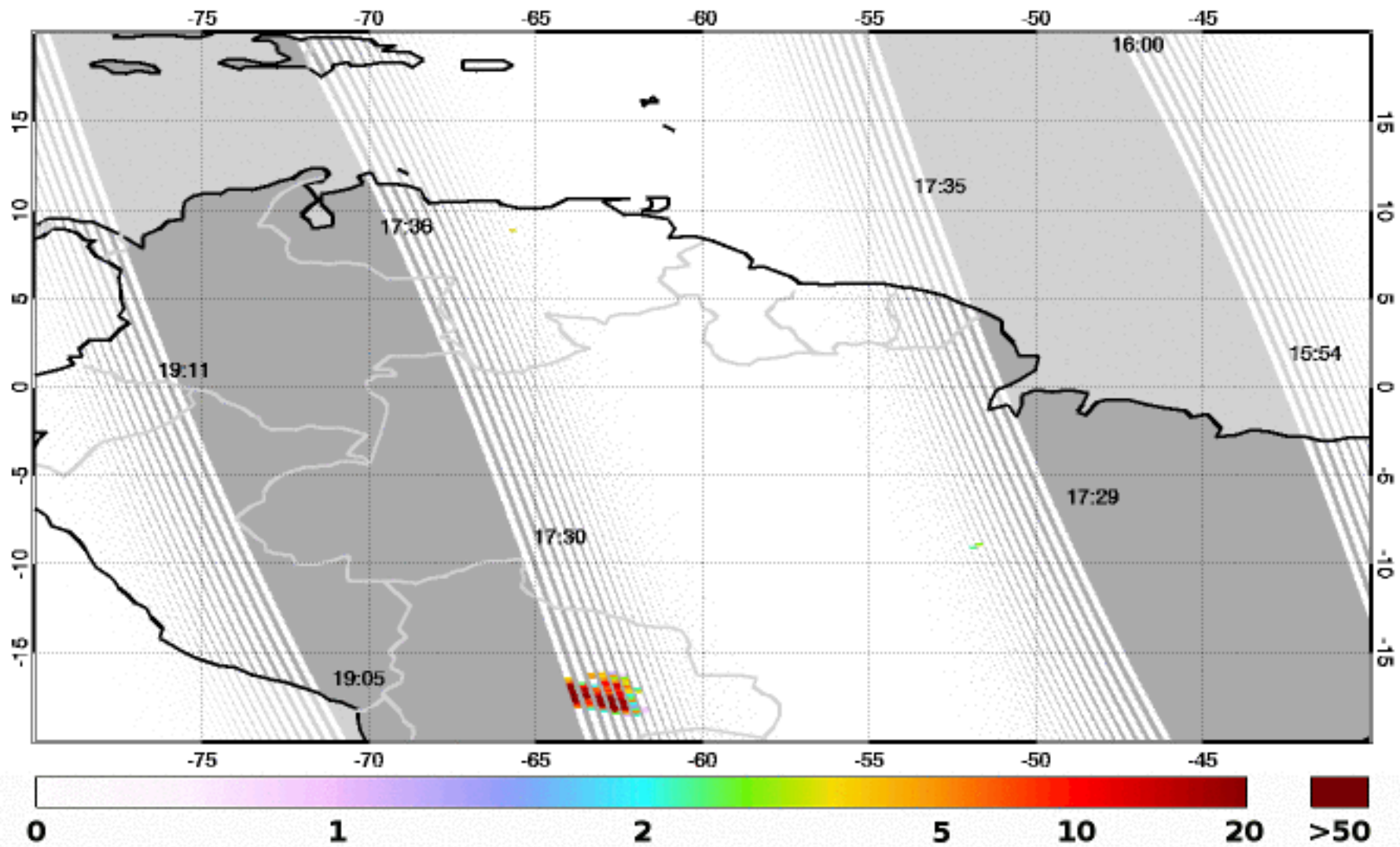


SO2 vertical column [DU]

19 July 2019

AIRS – NILU/BIRA-IASB/NASA

Day

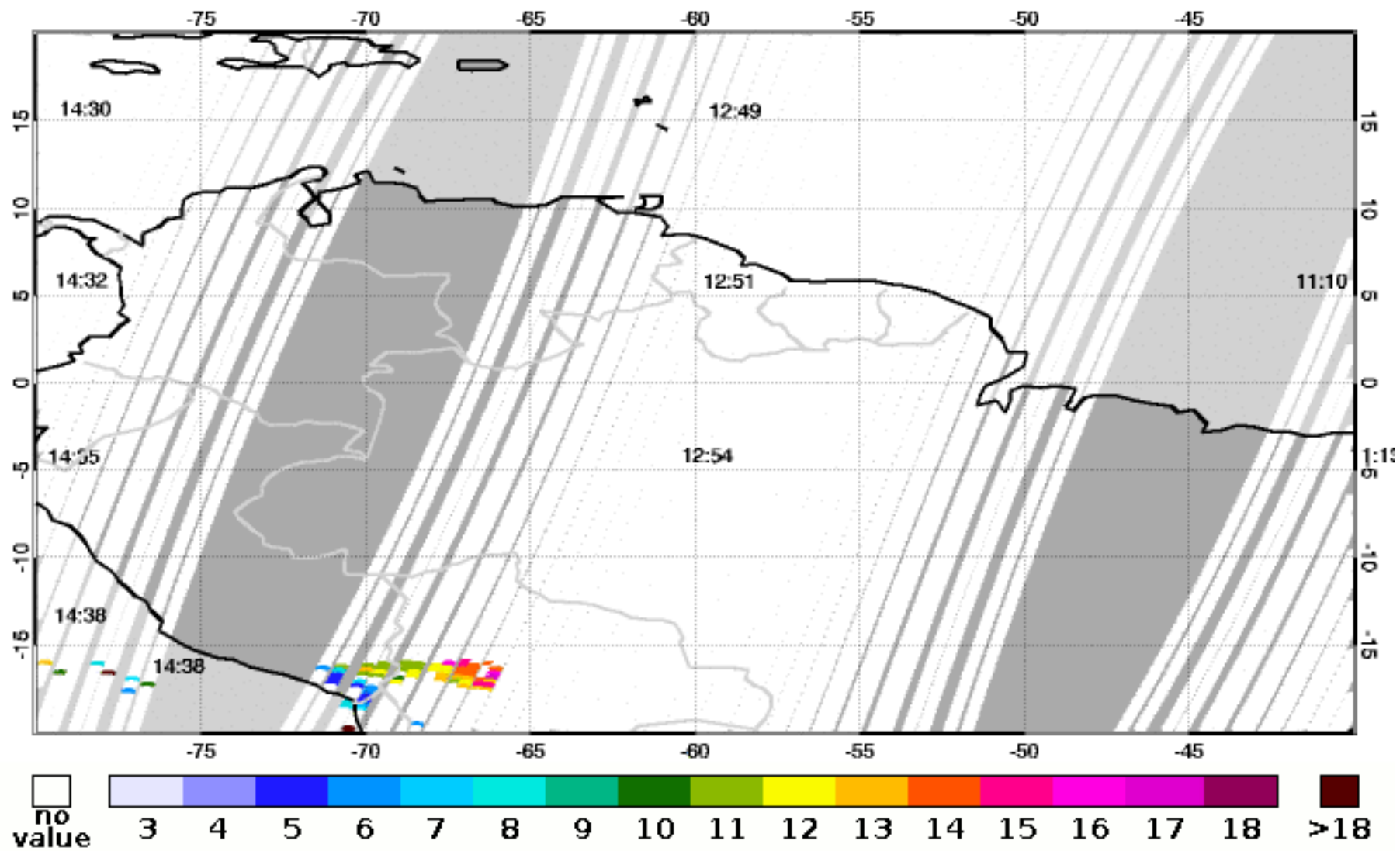


# SO2 plume height (km)

19 July 2019

IASI – ULB/BIRA-IASB/CNES/EUMETSAT [MetOp-A]

Day



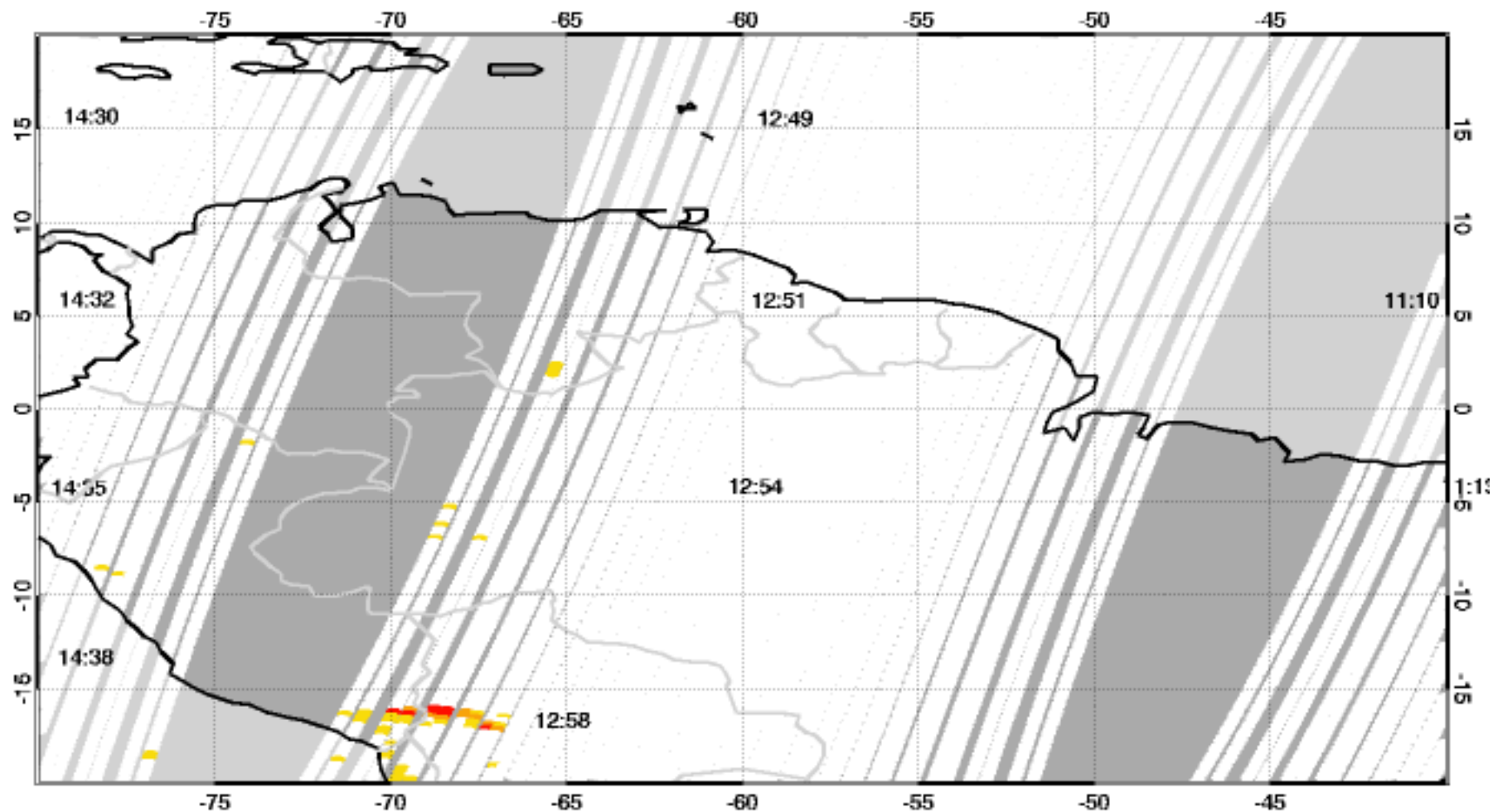


# Ash Index

19 July 2019

IASI – ULB/BIRA-IASB/CNES/EUMETSAT [MetOp-A]

Day



unknown

Ash: levels of confidence

low

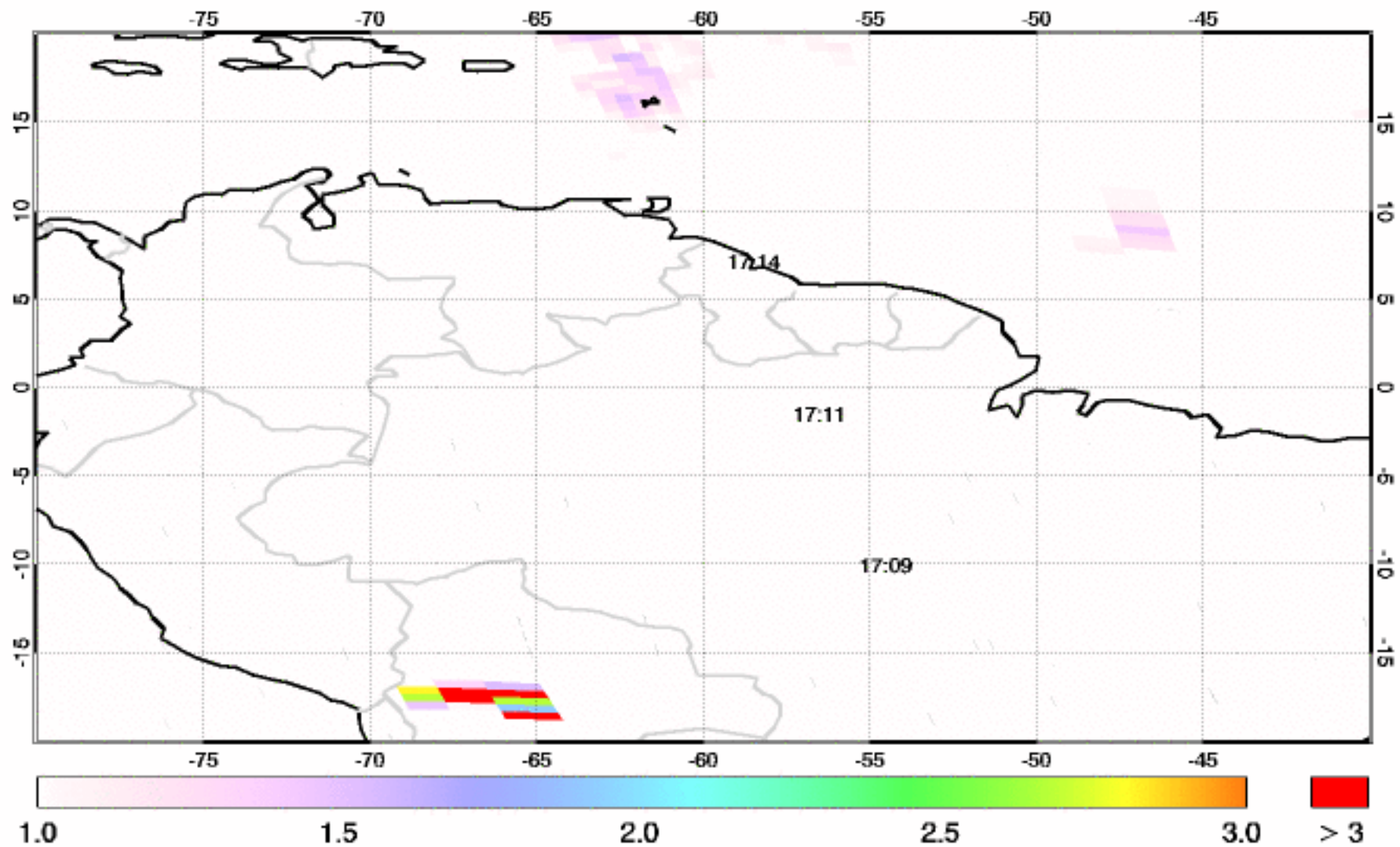
medium

high

# Aerosol index

19 July 2019

OMPS – NASA/GINA/FMI/BIRA-IASB



# Absorbing aerosol index

19 July 2019

TROPOMI – KNMI/BIRA-IASB/ESA/EU

