

SORPIC

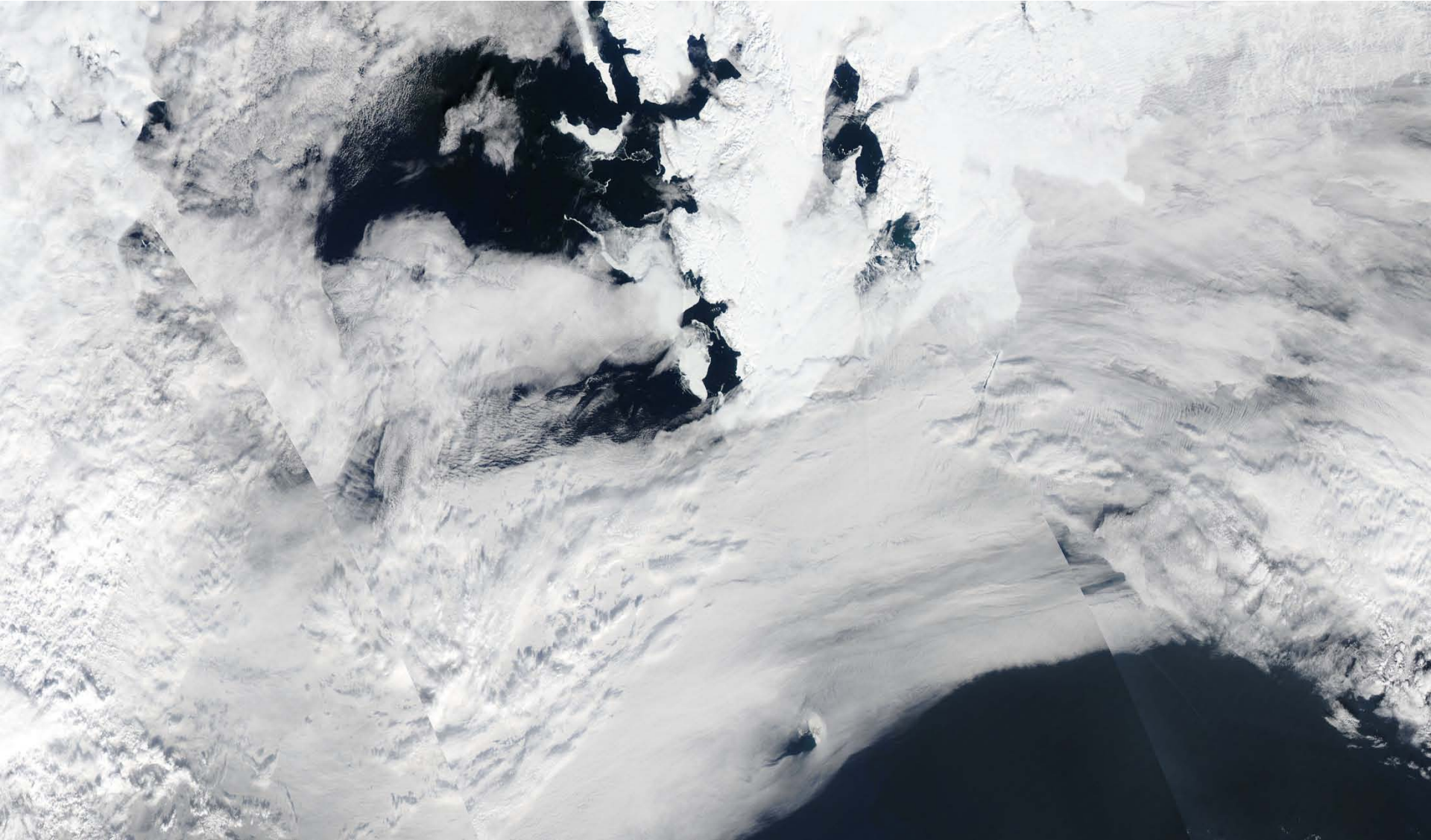
17 May Polar 5 Flight

Christophe Gurbeyre, Jean – François Gayet and Régis Dupuy

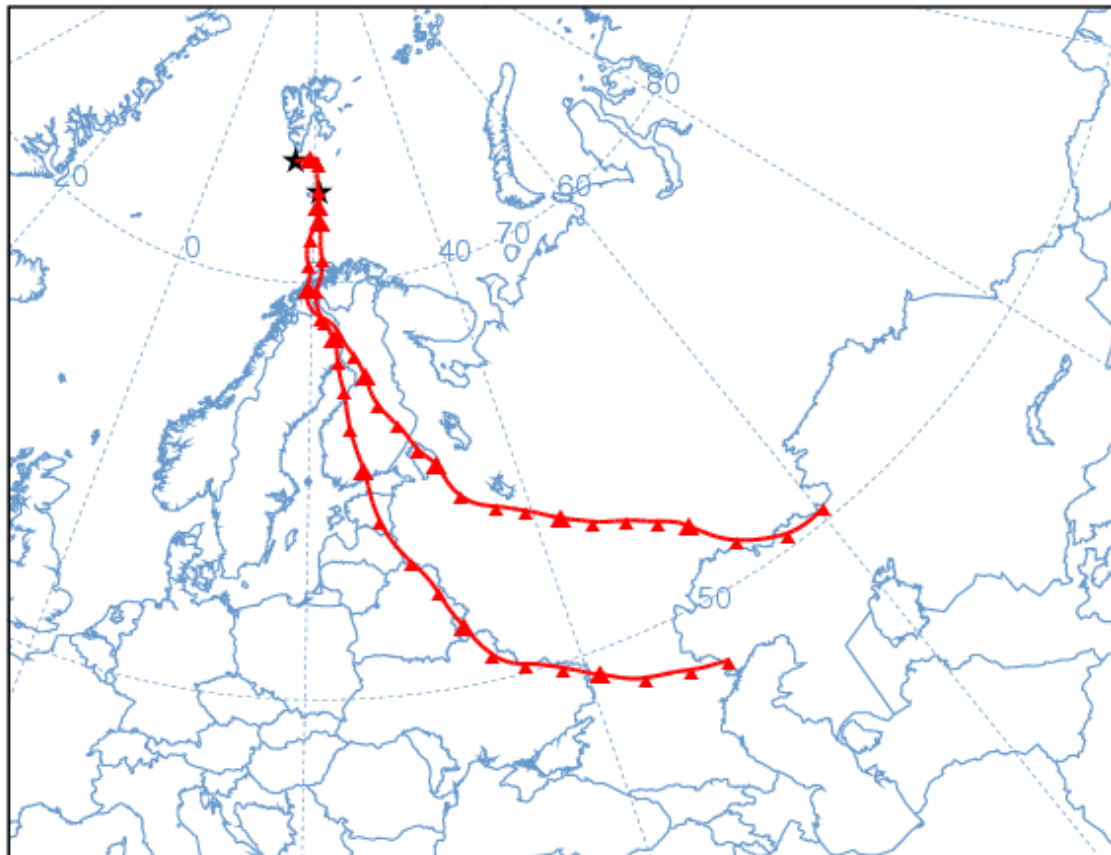
LaMP CNRS / Université Blaise Pascal



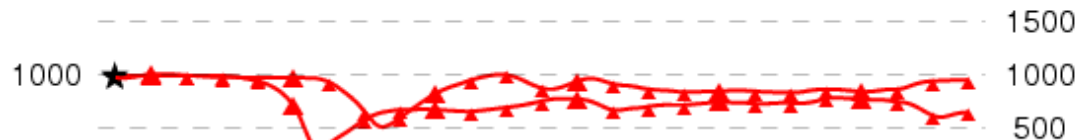
MODIS : AQUA



Source ★ at multiple locations



Meters AGL



Backtrajectories

Source 1 : 74°30N 21E

74.5

Source 2 : 76°06N 16E

76.1

06H TU

6 days back

00 18 12 06 00 18 12 06 00 18 12 06 00 18 12 06 00 18 12 06
05/17 05/16 05/15 05/14 05/13 05/12

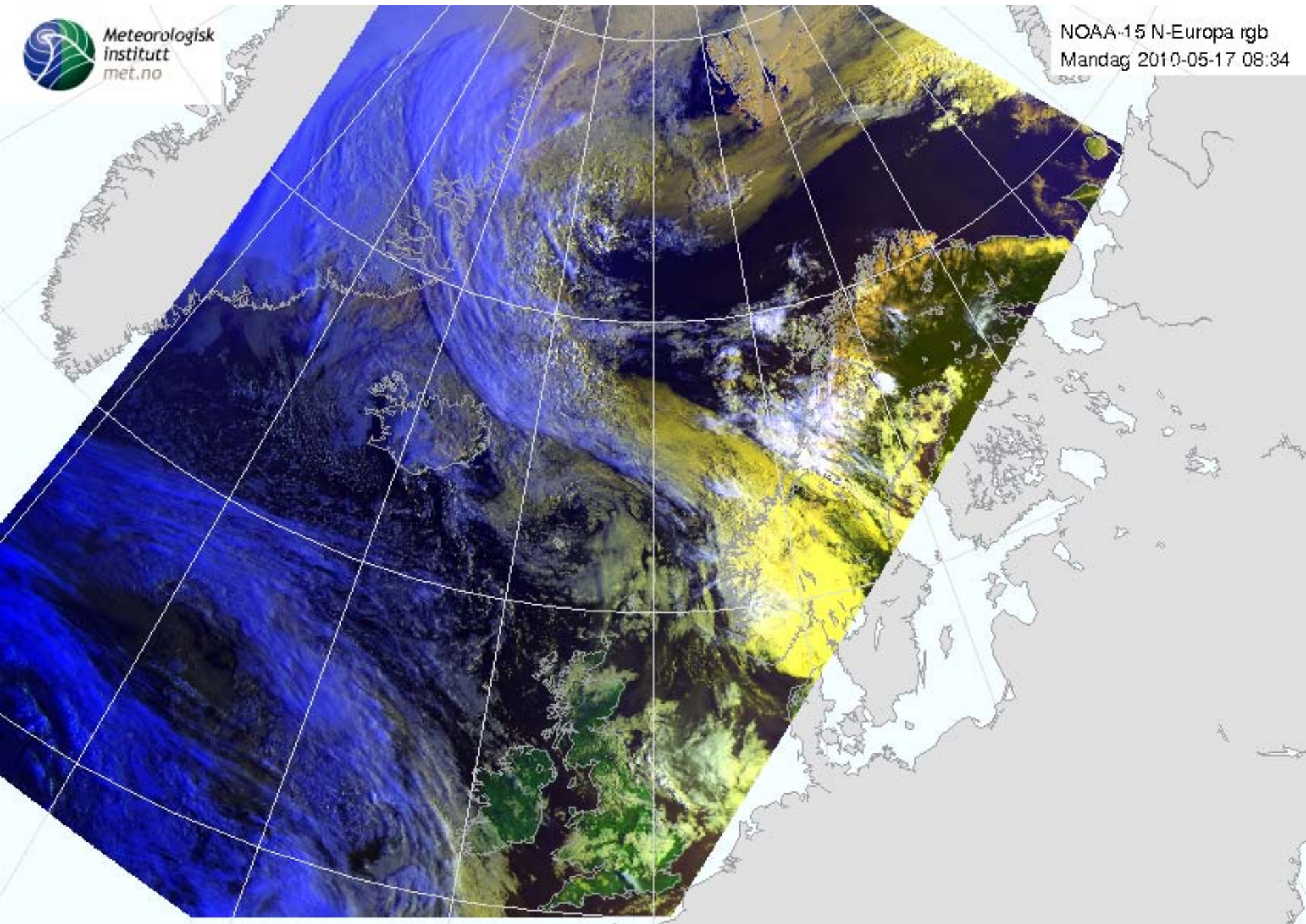
Job ID: 3393 Job Start: Mon May 17 15:06:36 UTC 2010
Source 1 lat.: 74.5 lon.: 21 height: 1000 m AMSL

Trajectory Direction: Backward Duration: 144 hrs
Vertical Motion Calculation Method: Isobaric
Meteorology: 0000Z 15 May 2010 - GDAS1

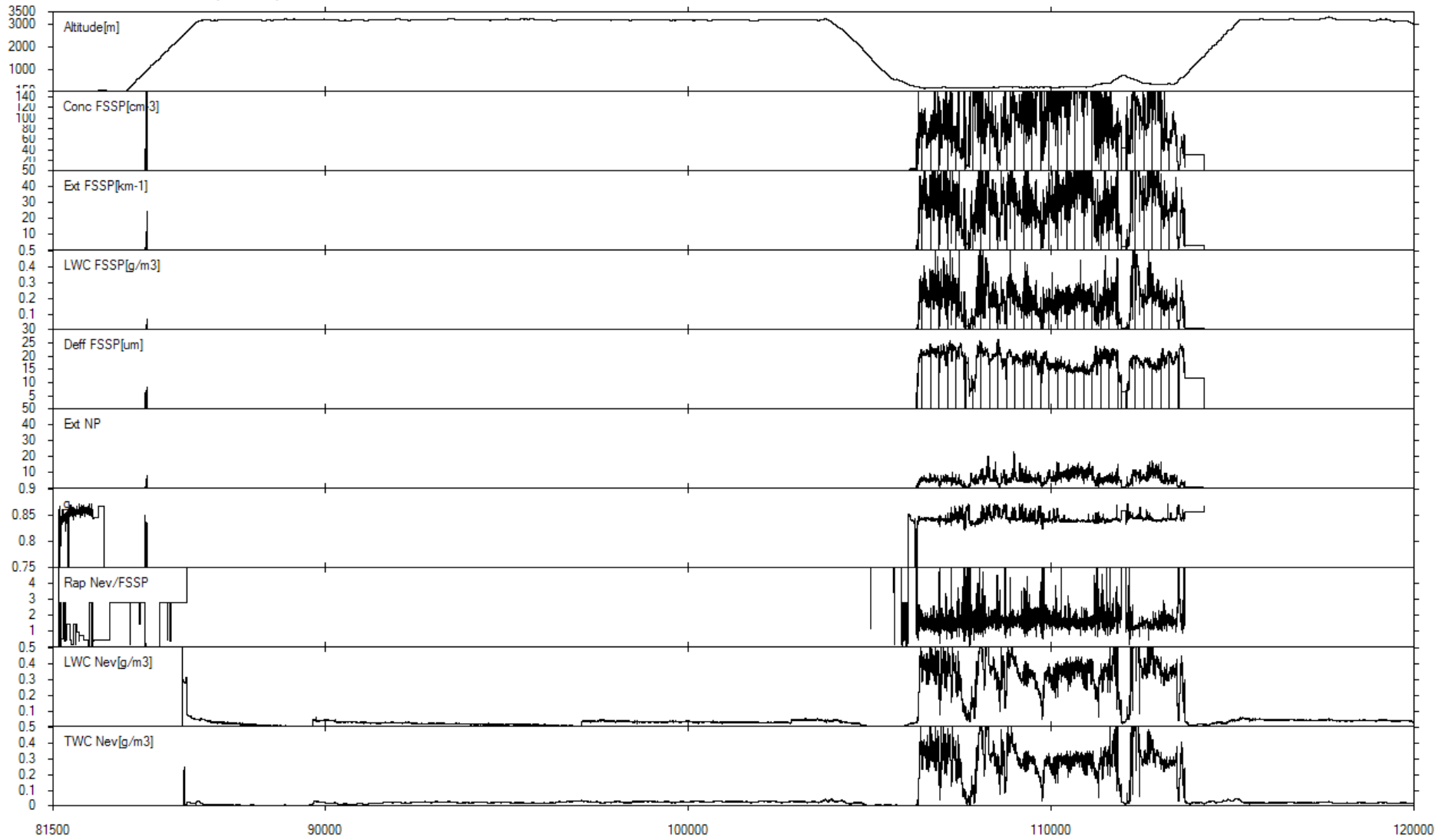


Meteorologisk
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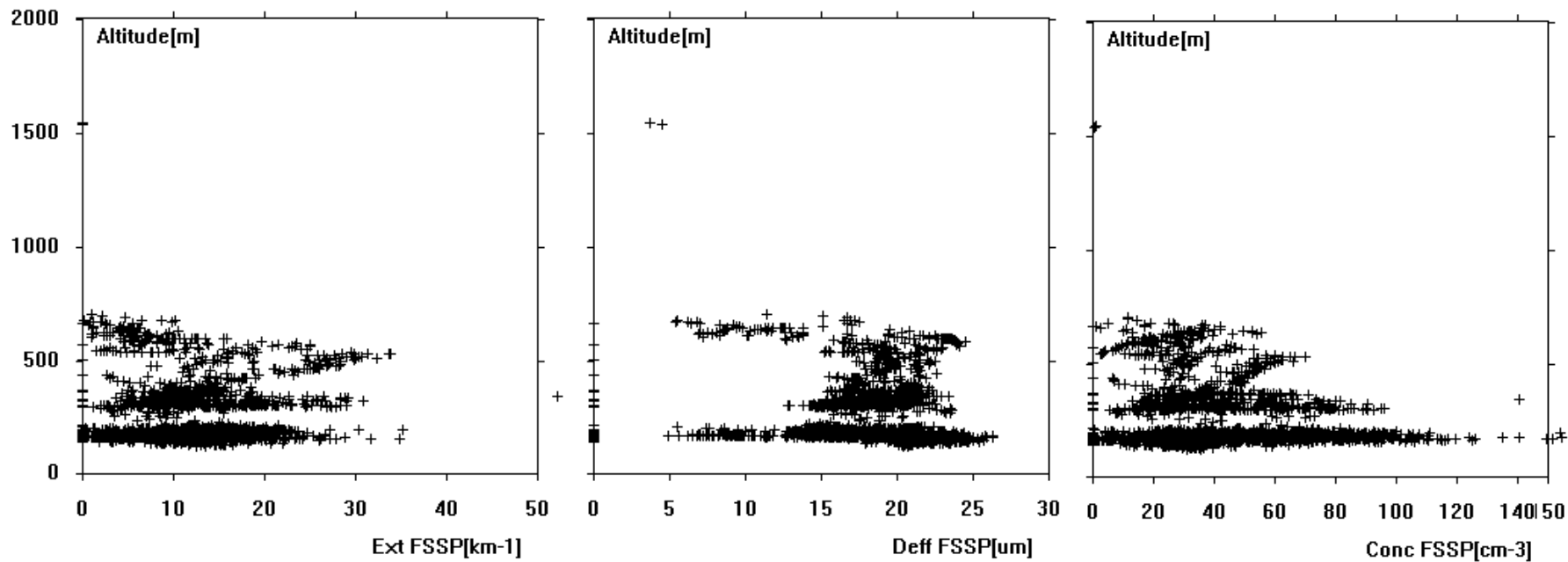
NOAA-15 N-Europa rgb
Mandag 2010-05-17 08:34

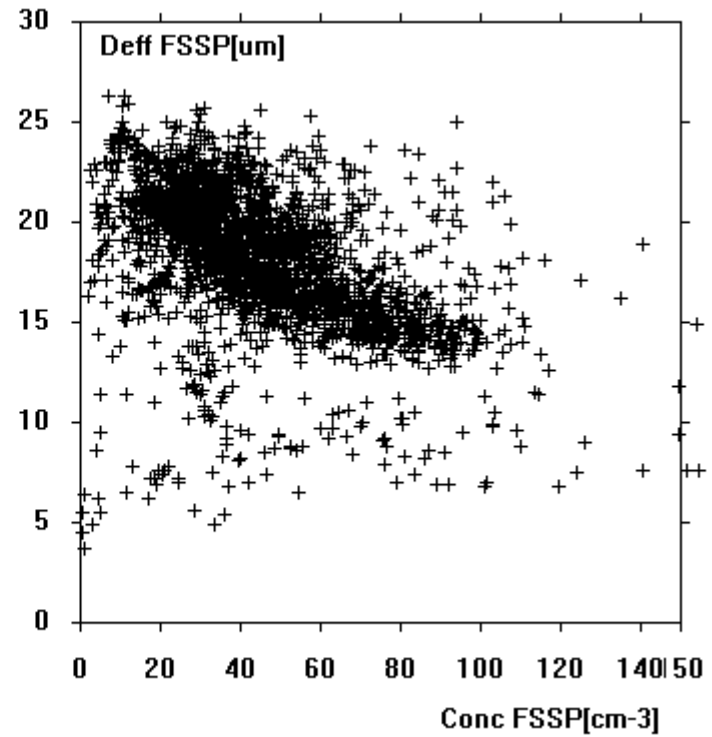
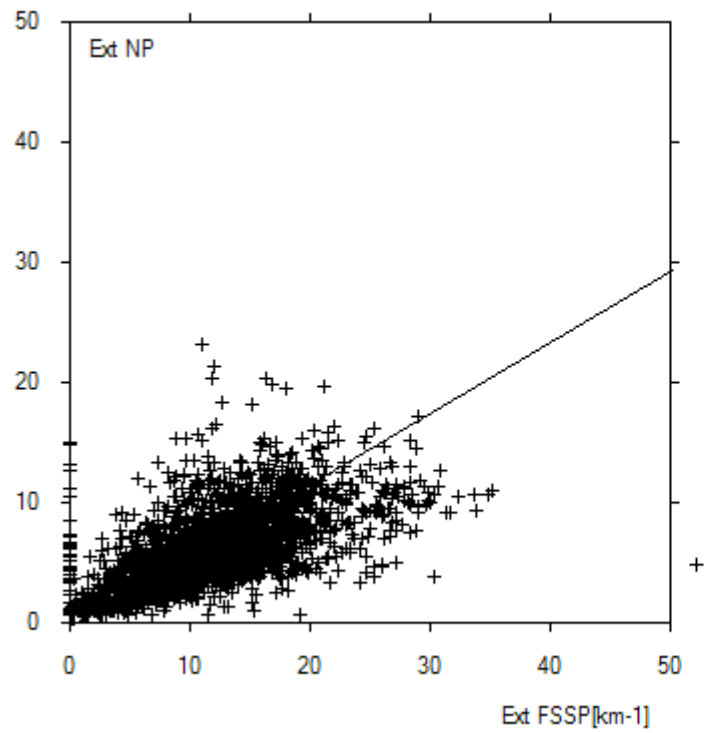


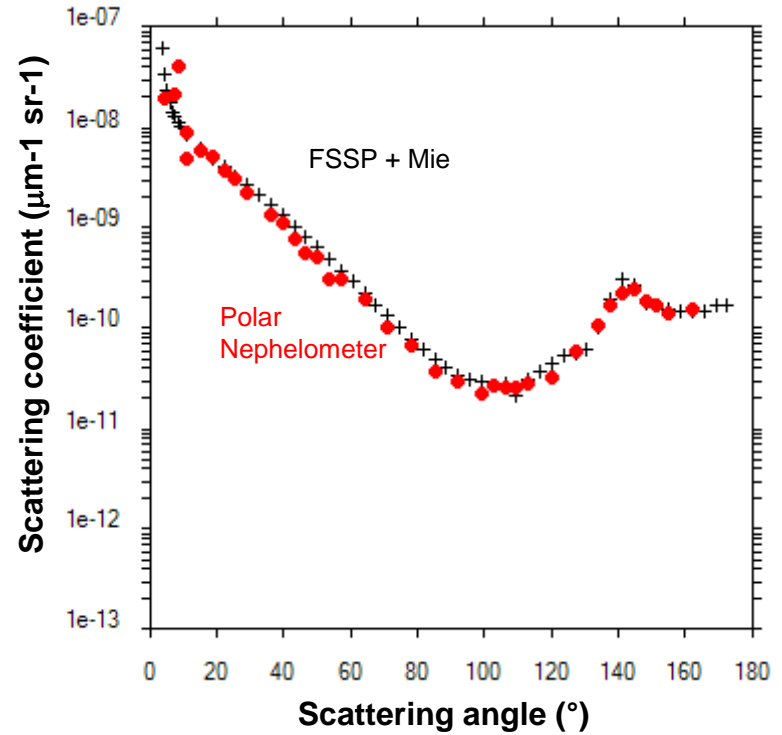
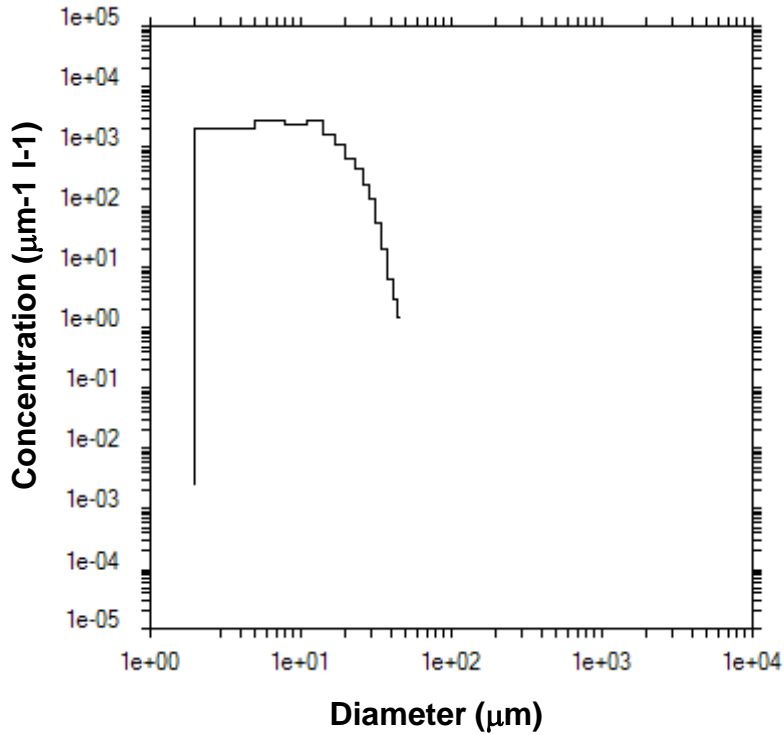
E:\100517\100517.mix 29400



Heure [hhmmss]







Conc = 40 cm^{-3}
 LWC = 0.07 g/m^3
 Ext = 12 km^{-1}
 Deff = $18 \mu\text{m}$
 CCPI = X
 g = 0.843

17 May