

SORPIC

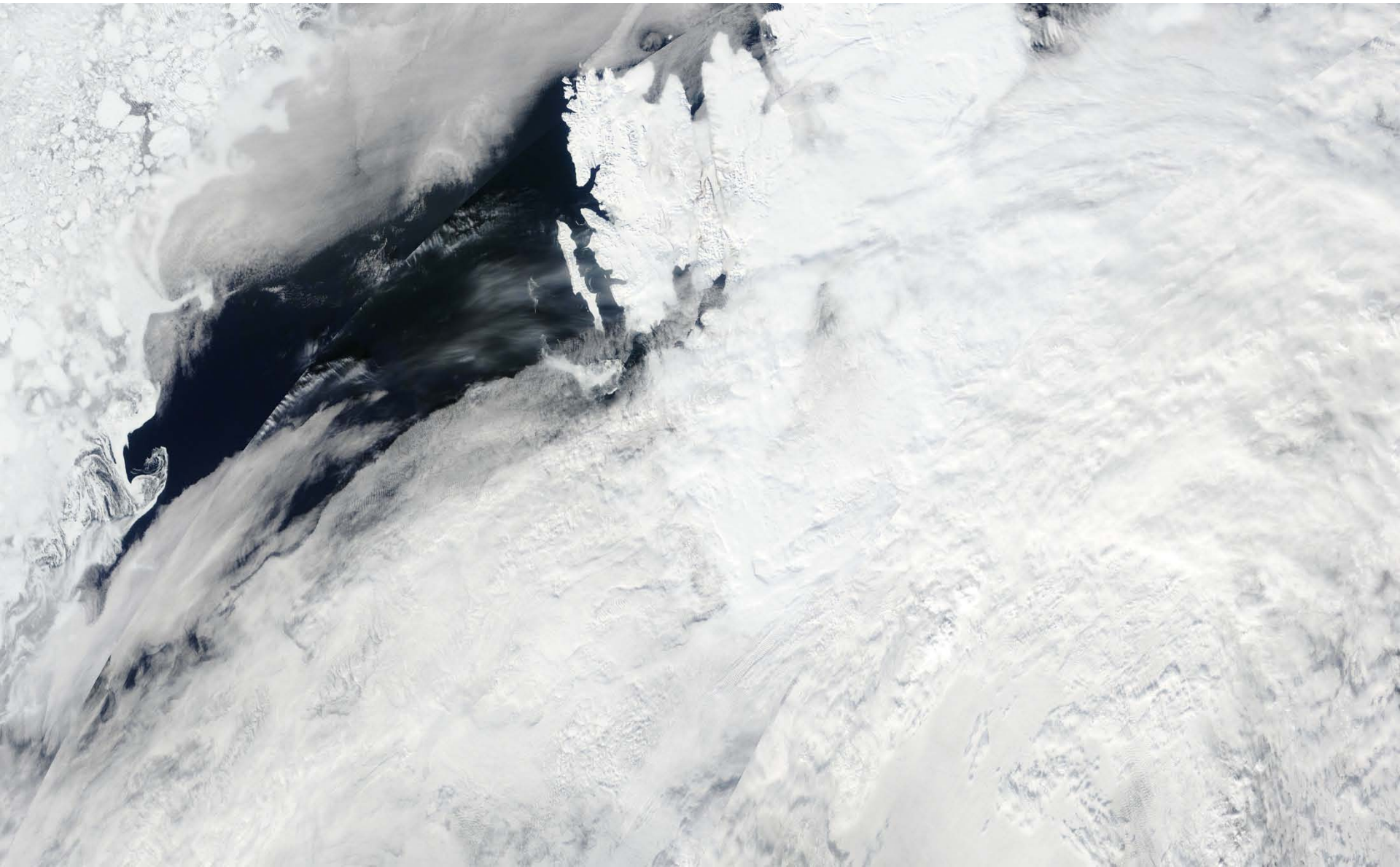
16 May Polar 5 Flight

Christophe Gurbeyre, Jean – François Gayet and Régis Dupuy

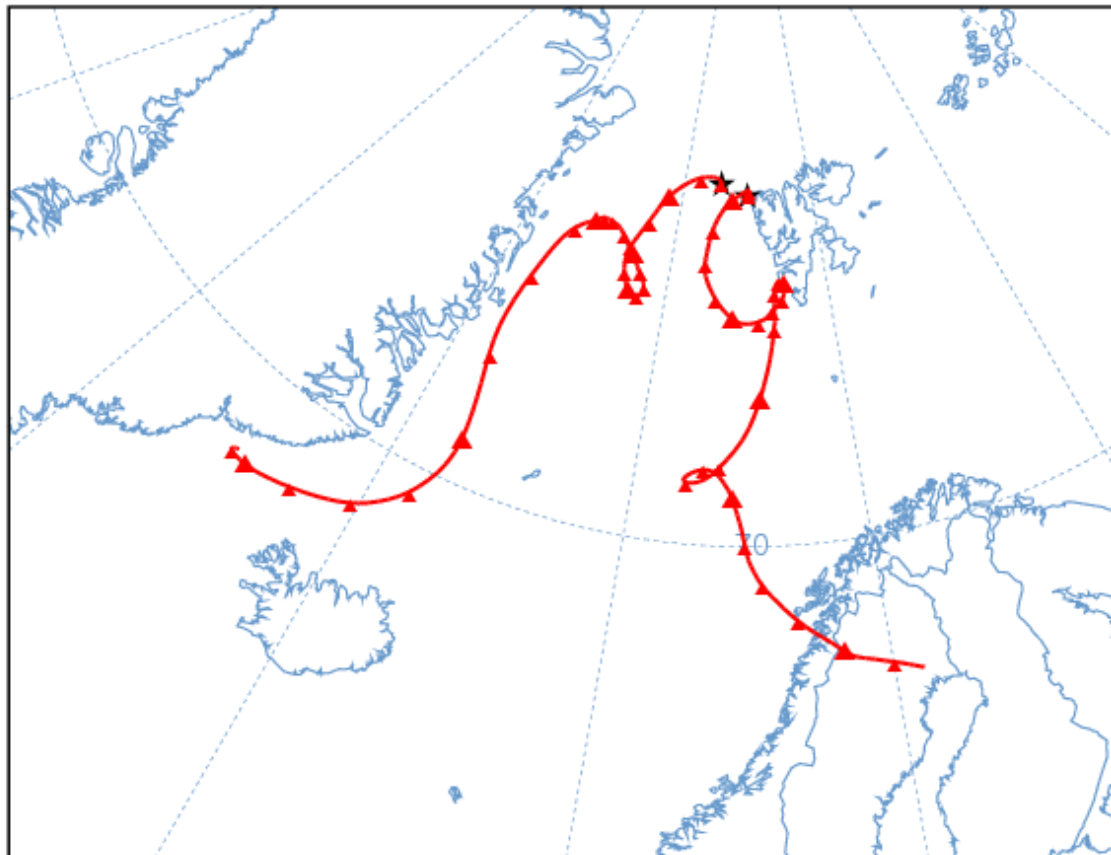
LaMP CNRS / Université Blaise Pascal



MODIS : AQUA



Source ★ at multiple locations



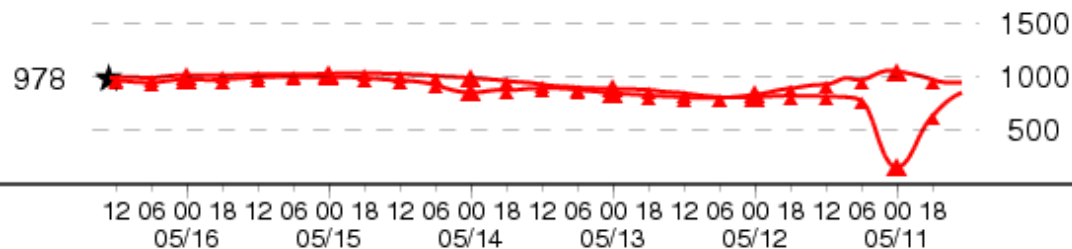
Backtrajectories

Source 1 : 79°40'N 10°E
79.66667

Source 2 : 80°N 6°E
13H TU
6 days back

Missing Data !!

Meters AGL



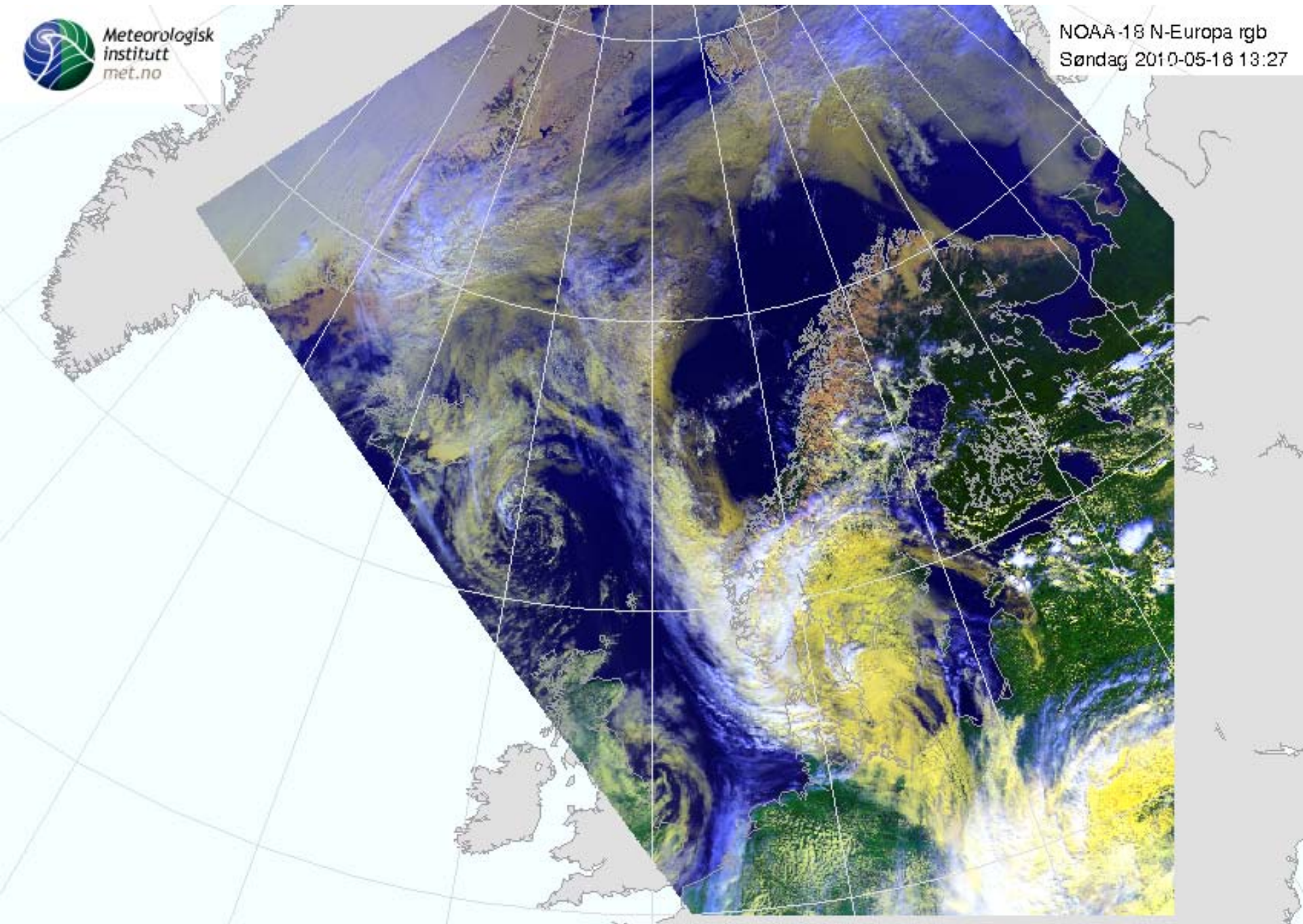
Job ID: 342 Job Start: Mon May 17 14:41:34 UTC 2010
Source 1 lat.: 79.6667 lon.: 10 height: 1000 m AMSL

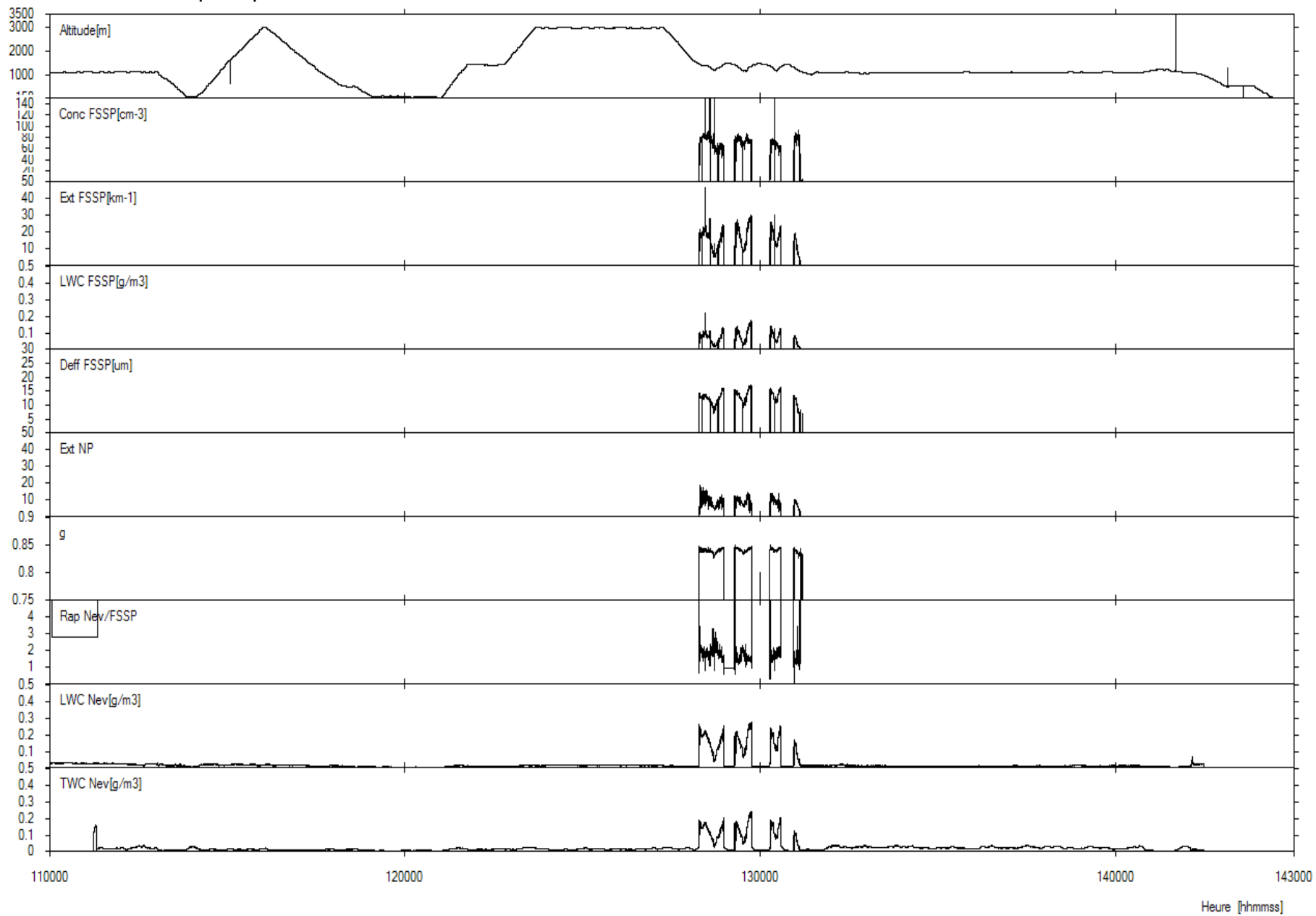
Trajectory Direction: Backward Duration: 144 hrs
Vertical Motion Calculation Method: Isobaric
Meteorology: 0000Z 15 May 2010 - GDAS1

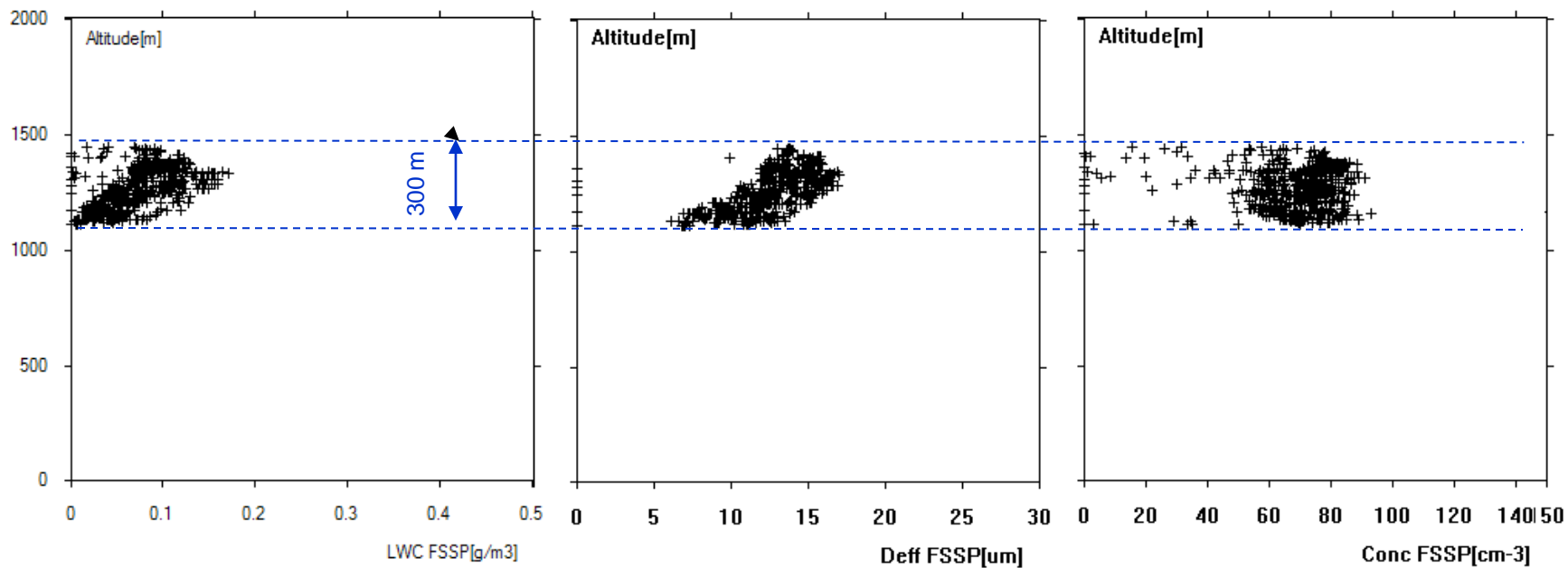


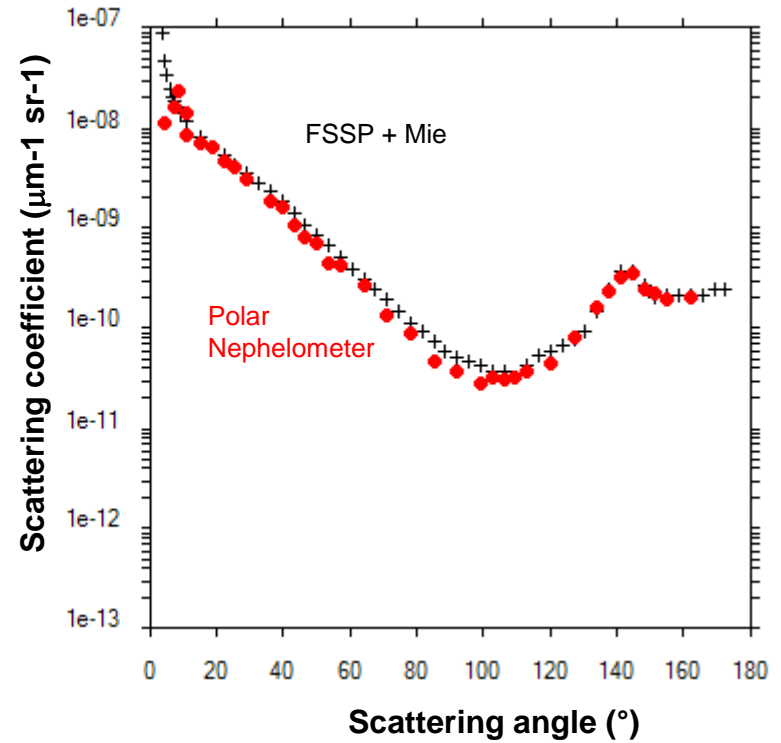
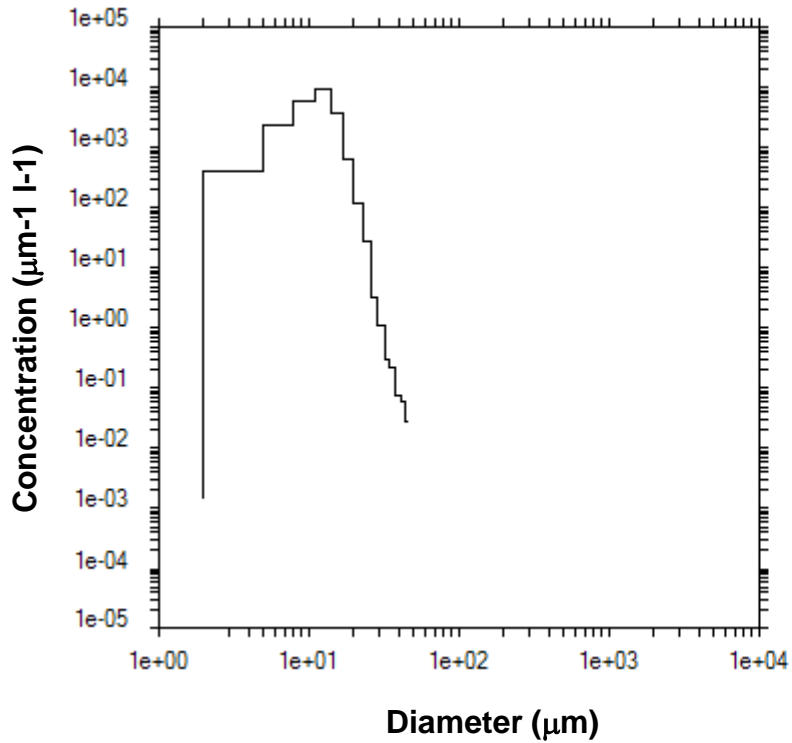
Meteorologisk
institutt
met.no

NOAA-18 N-Europa rgb
Søndag 2010-05-16 13:27









Conc = 70 cm⁻³

LWC = 0.07 g/m³

Ext = 22 km⁻¹

Deff = 12 μm

CCPI = X

g = 0.839

16 May