

Flight Planning

Andenes, 28 February 2008

Thursday

Andreas Dörnbrack

`http://www.pa.op.dlr.de/ipy\_thorpex`

Current Conditions

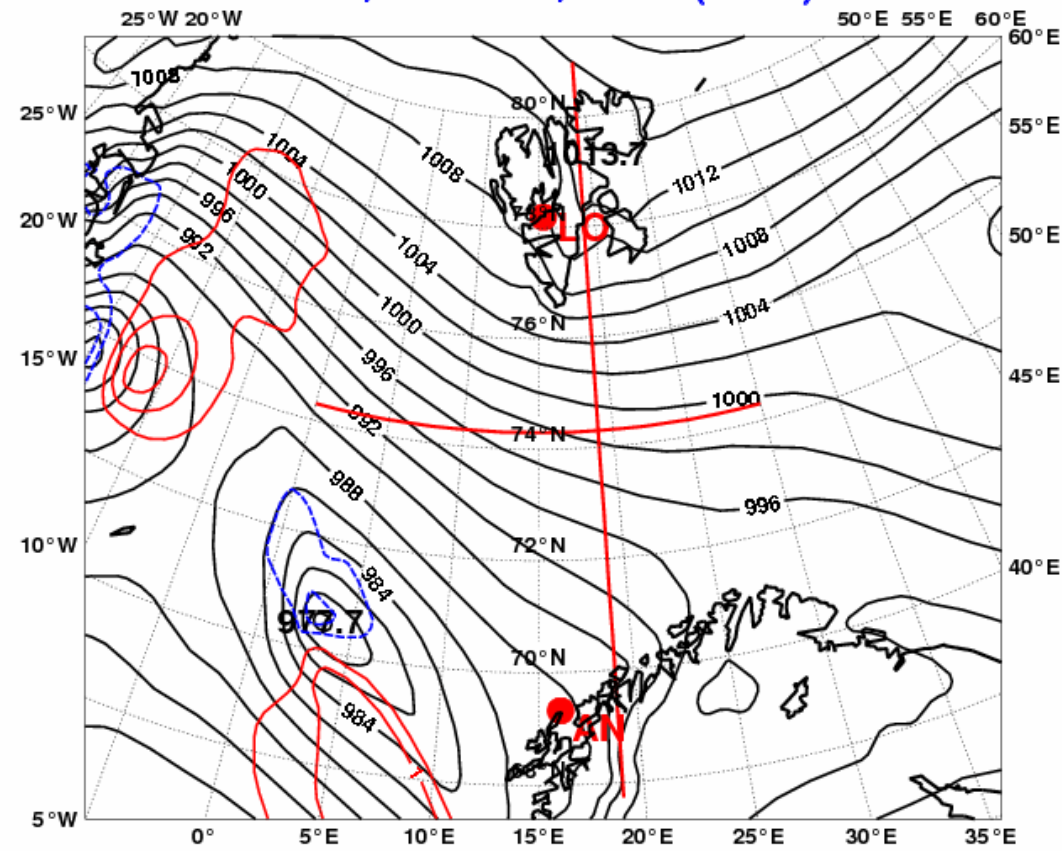
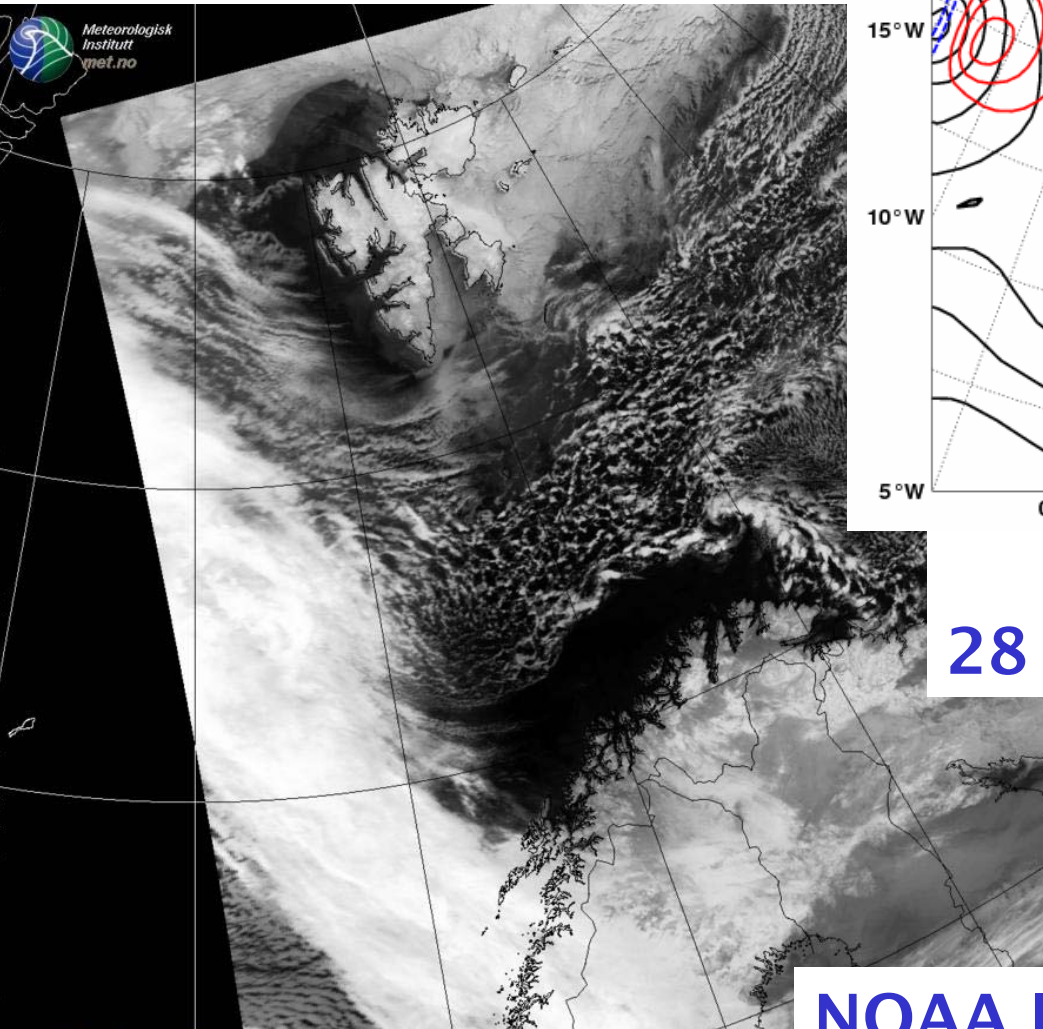
NOAA AVHRR Satellite Imagery

<http://met.no>

ECMWF T799/L91 Forecasts

http://www.pa.op.dlr.de/ipy_thorpex

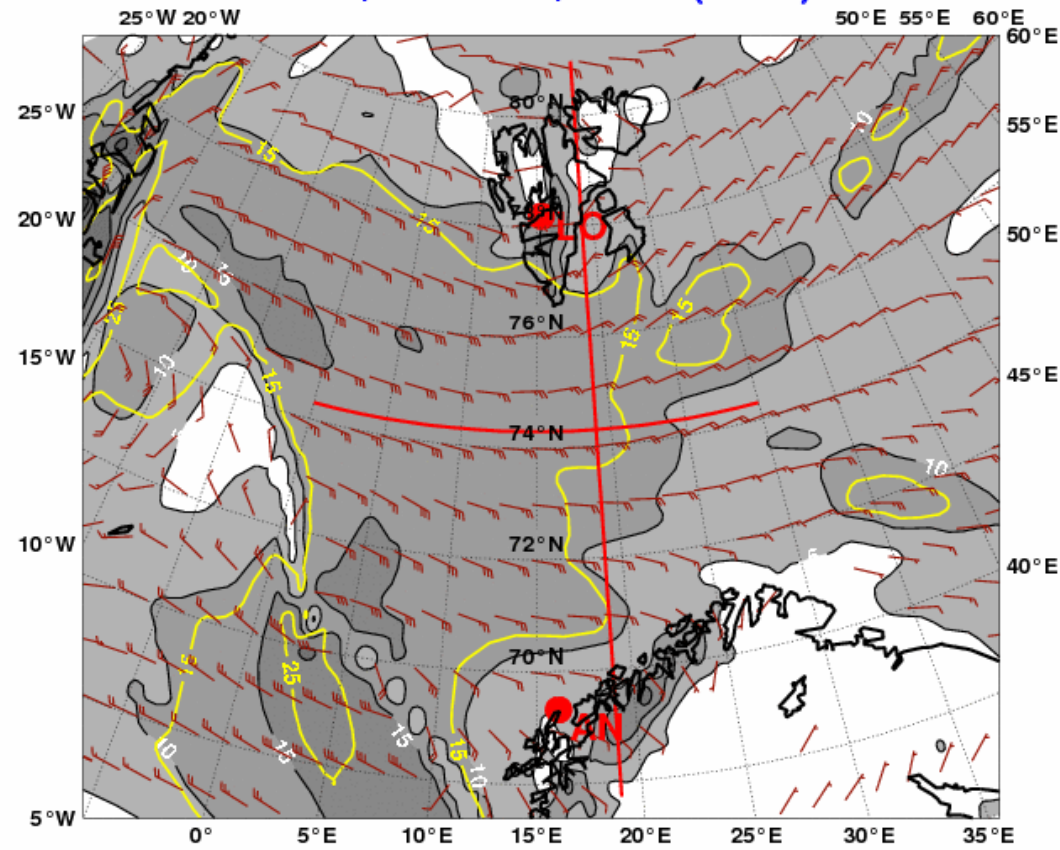
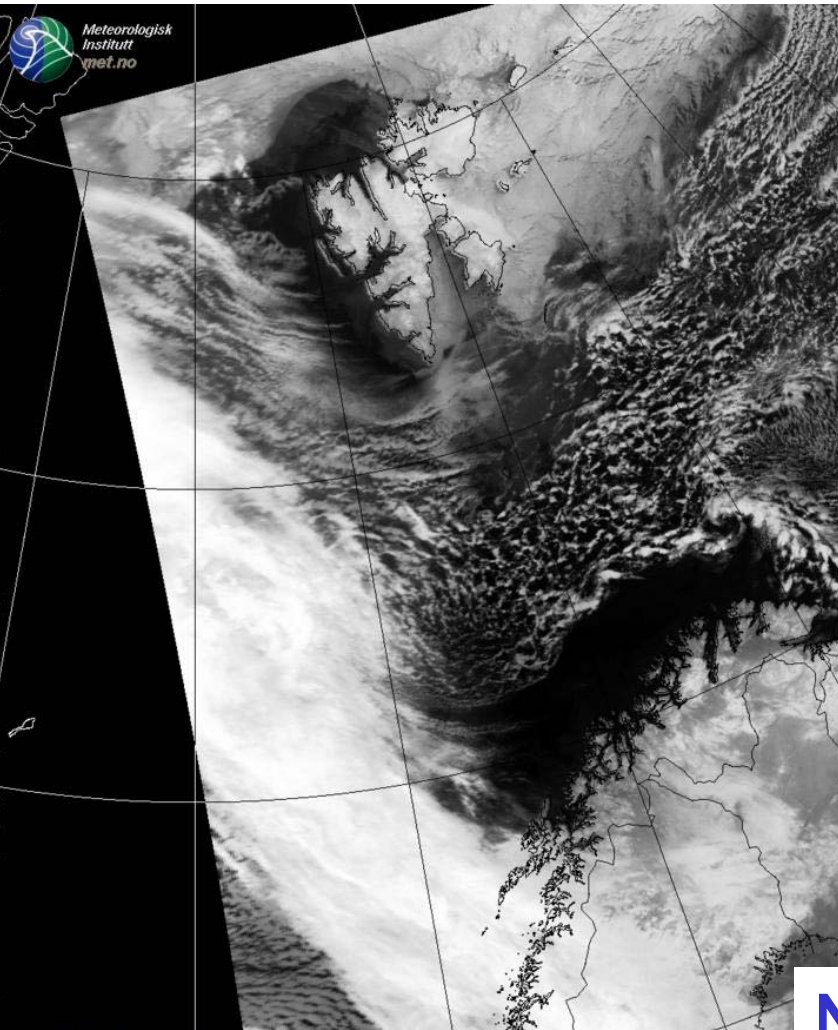
VT: Thu, 28 Feb 08, 03 UT (+15 h)



MSL Pressure (hPa)
28 Feb 2008 03 UTC (+15 h)

NOAA IR - 28 Feb 2008 0330 UTC

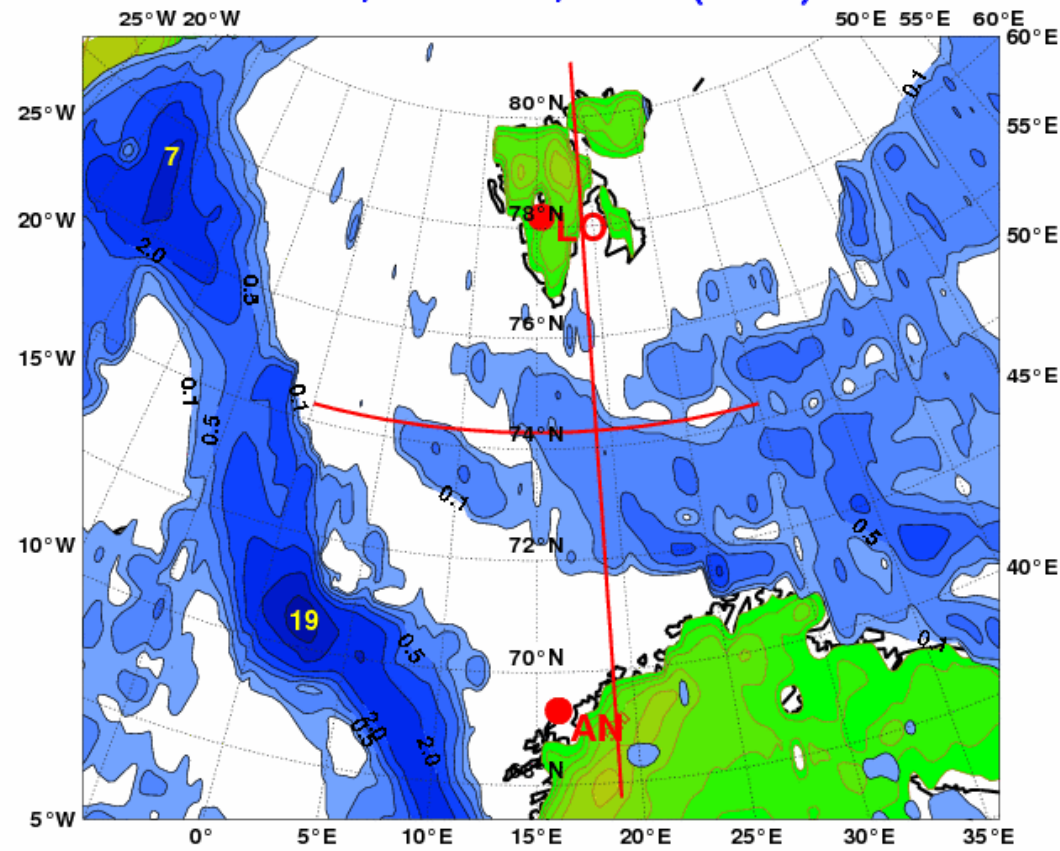
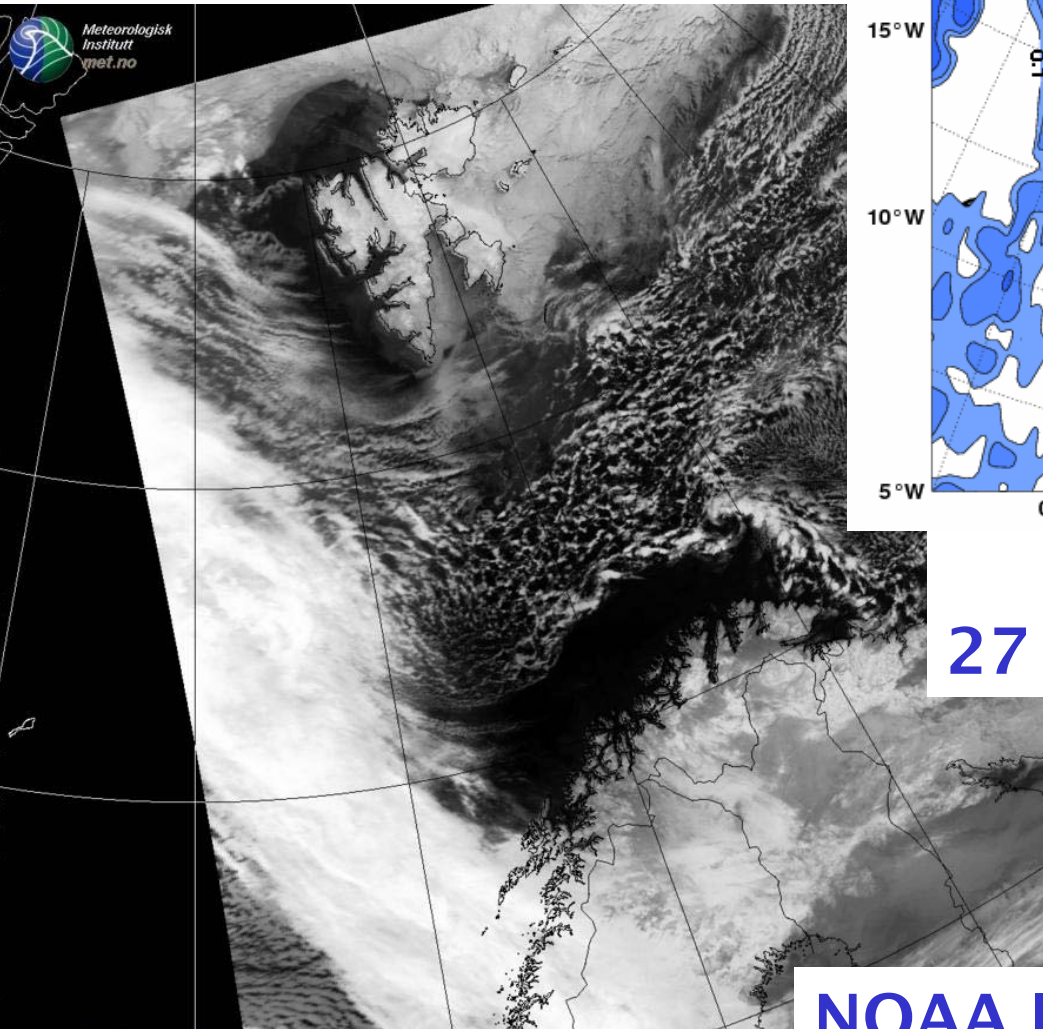
VT: Thu, 28 Feb 08, 03 UT (+15 h)



Surface Wind + Gusts
28 Feb 2008 03 UTC (+15 h)

NOAA IR - 28 Feb 2008 0330 UTC

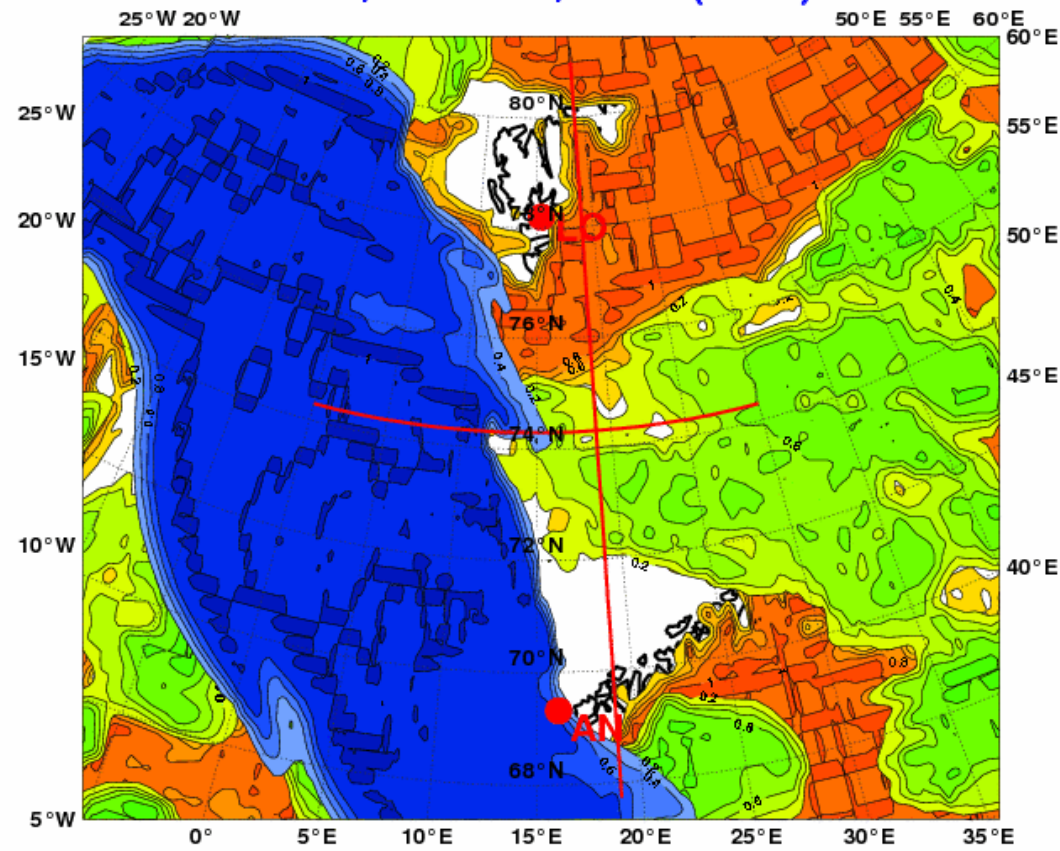
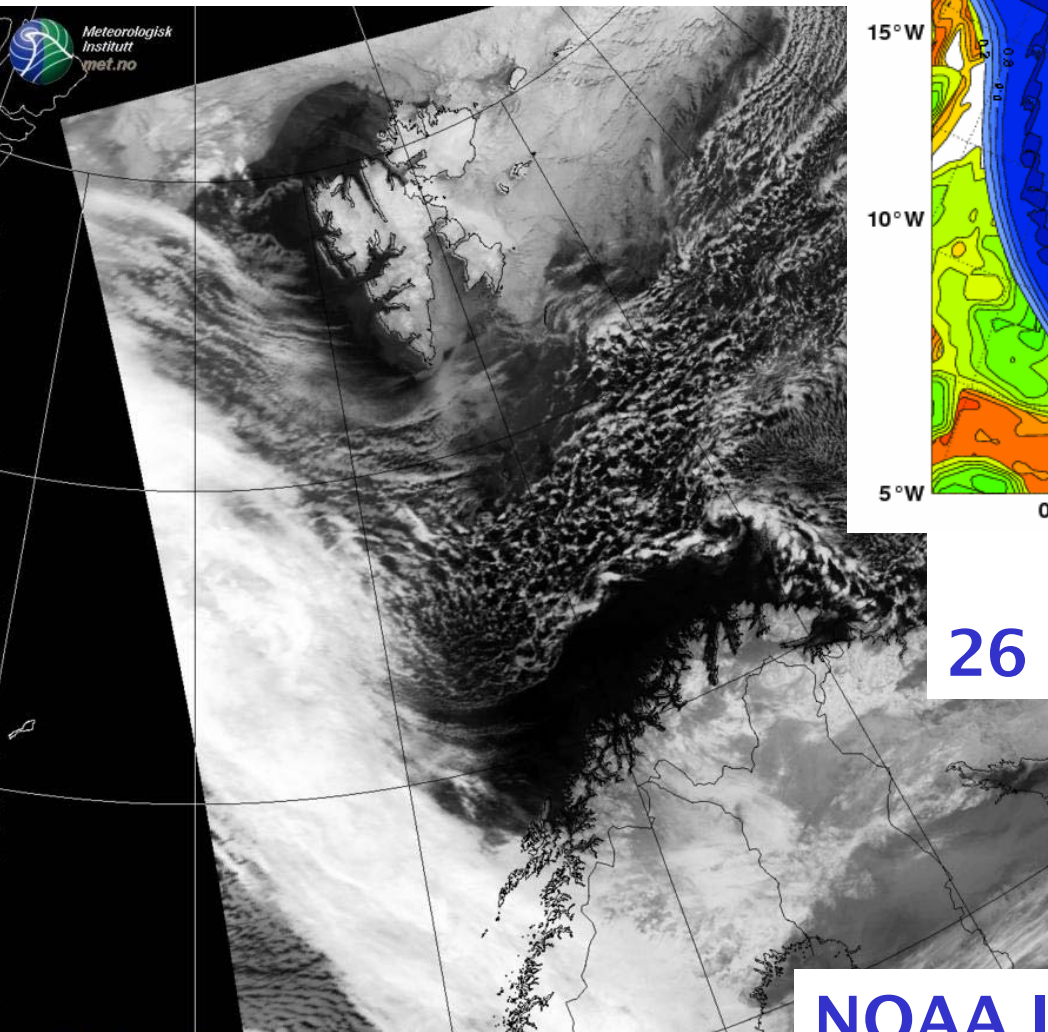
VT: Thu, 28 Feb 08, 03 UT (+15 h)



Total Precip
27 Feb 2008 03 UTC (+15 h)

NOAA IR - 28 Feb 2008 0330 UTC

VT: Thu, 28 Feb 08, 03 UT (+15 h)



Cloud Cover
26 Feb 2008 03 UTC (+15 h)

NOAA IR - 28 Feb 2008 0330 UTC

Conditions at 12 UTC

ECMWF T799/L91 Forecasts

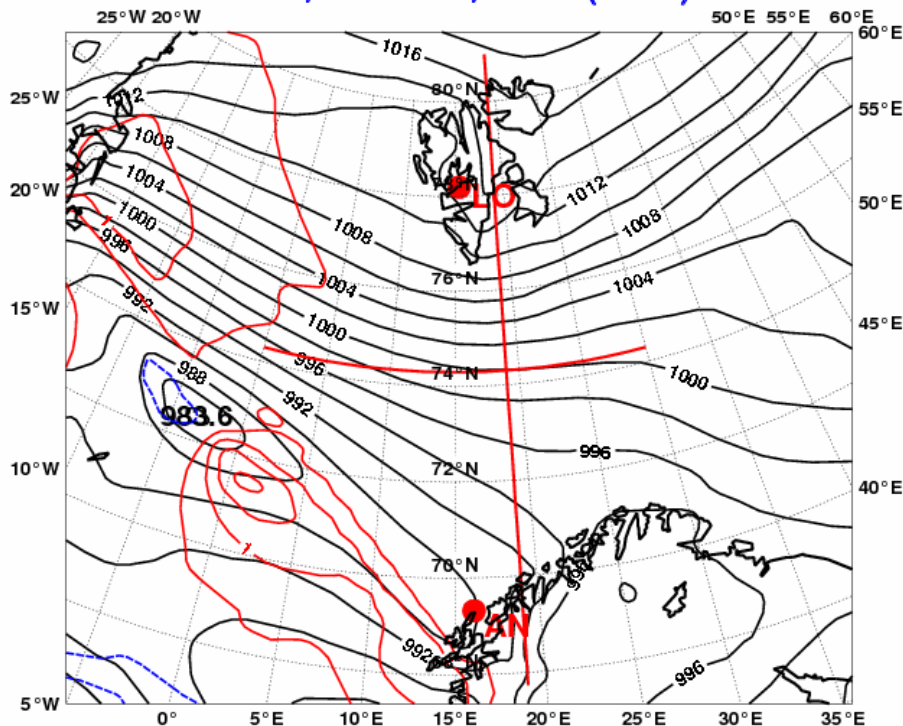
http://www.pa.op.dlr.de/ipy_thorpex

Regional Conditions

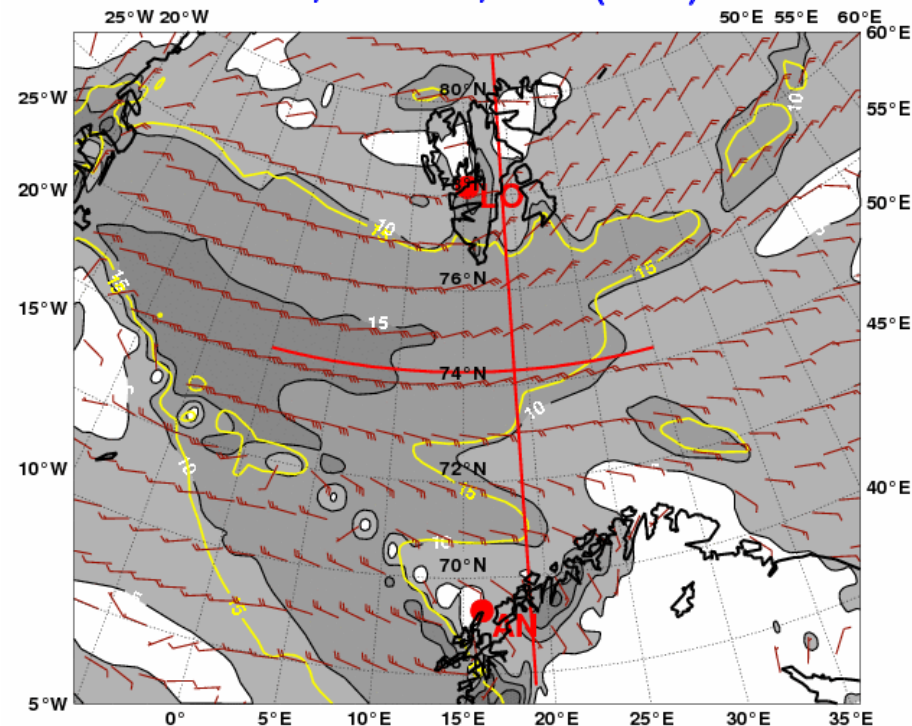
(based on ECMWF T799/L91 Forecasts)

Thursday 28 February 2008 12 UTC (+24 h)

VT: Thu, 28 Feb 08, 12 UT (+24 h)



VT: Thu, 28 Feb 08, 12 UT (+24 h)

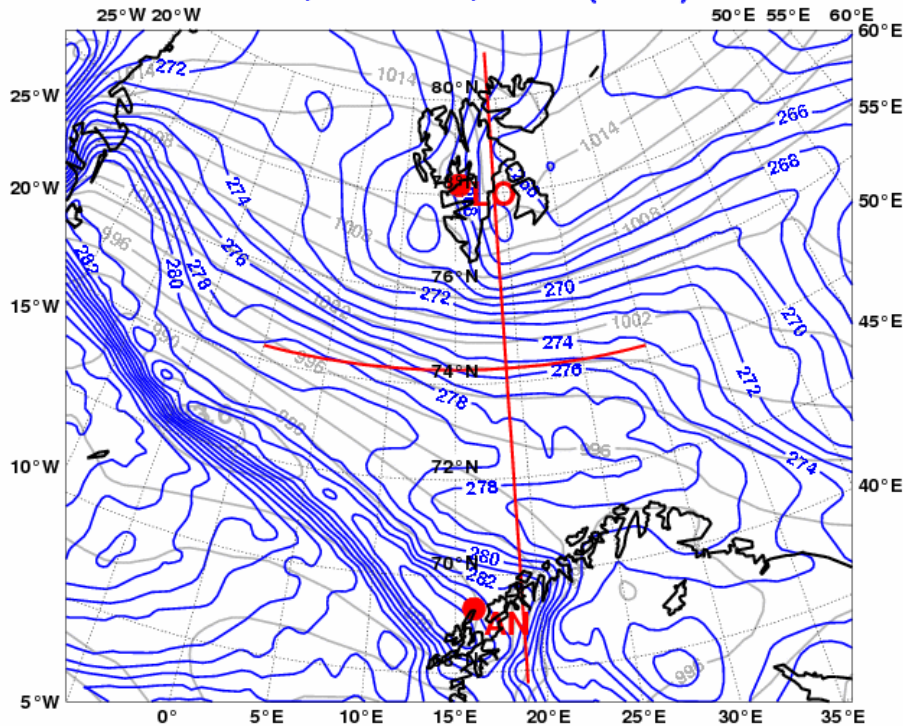


MSL Pressure (hPa), Tendency (hPa/3 h)

Wind at 10 m and Gusts > 15m/s (yellow)

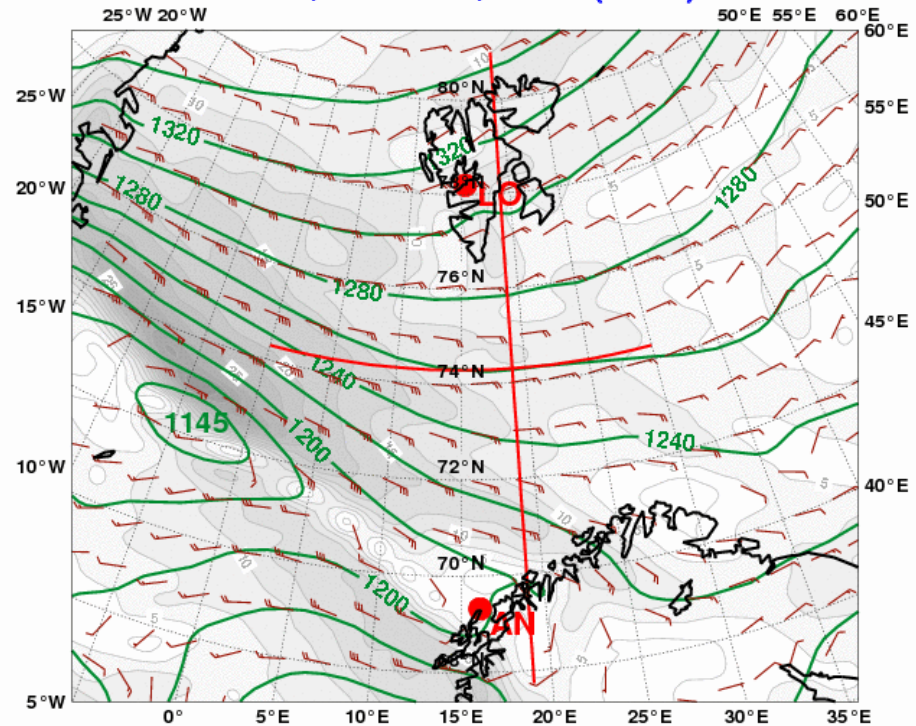
(based on ECMWF T799/L91 Forecasts)
Thursday 28 February 2008 12 UTC (+24 h)

VT: Thu, 28 Feb 08, 12 UT (+24 h)



Θ_e (K) at 850 hPa

VT: Thu, 28 Feb 08, 12 UT (+24 h)



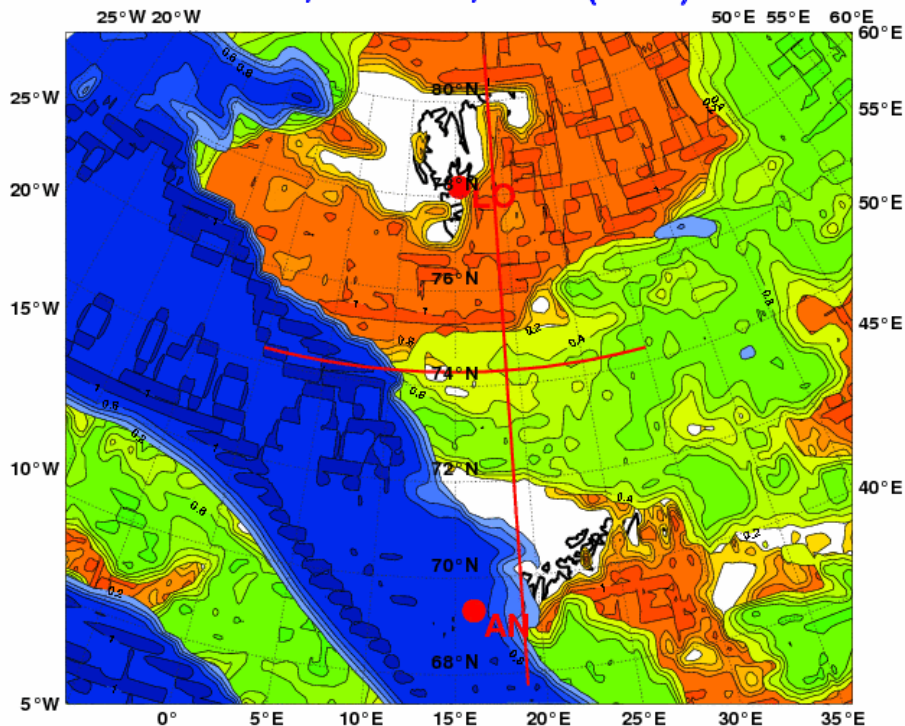
Wind (m/s) and Z (m) at 850 hPa

Regional Conditions

(based on ECMWF T799/L91 Forecasts)

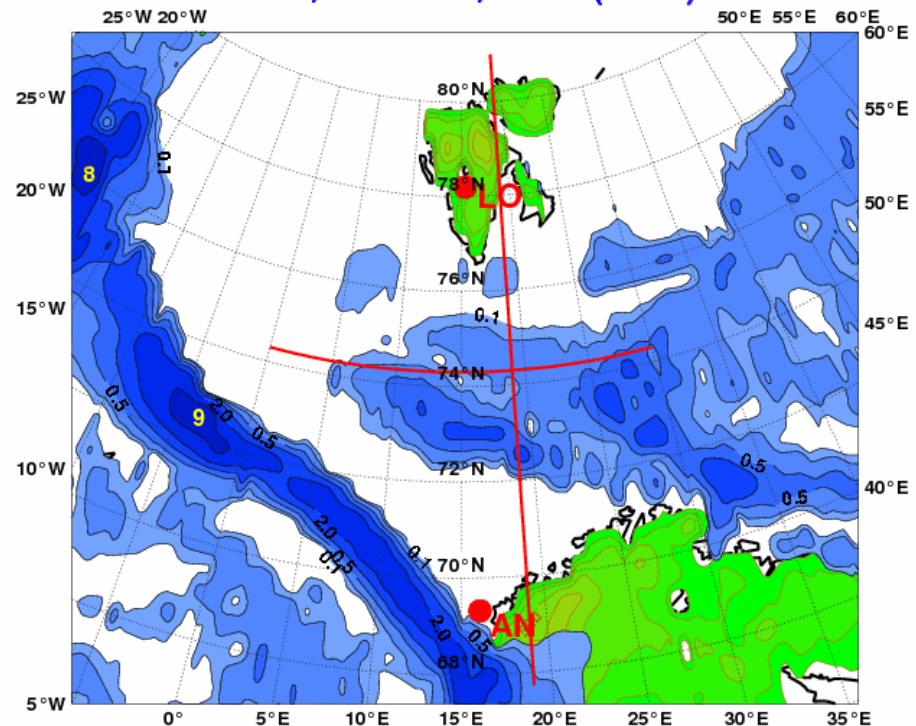
Thursday 28 February 2008 12 UTC (+24 h)

VT: Thu, 28 Feb 08, 12 UT (+24 h)

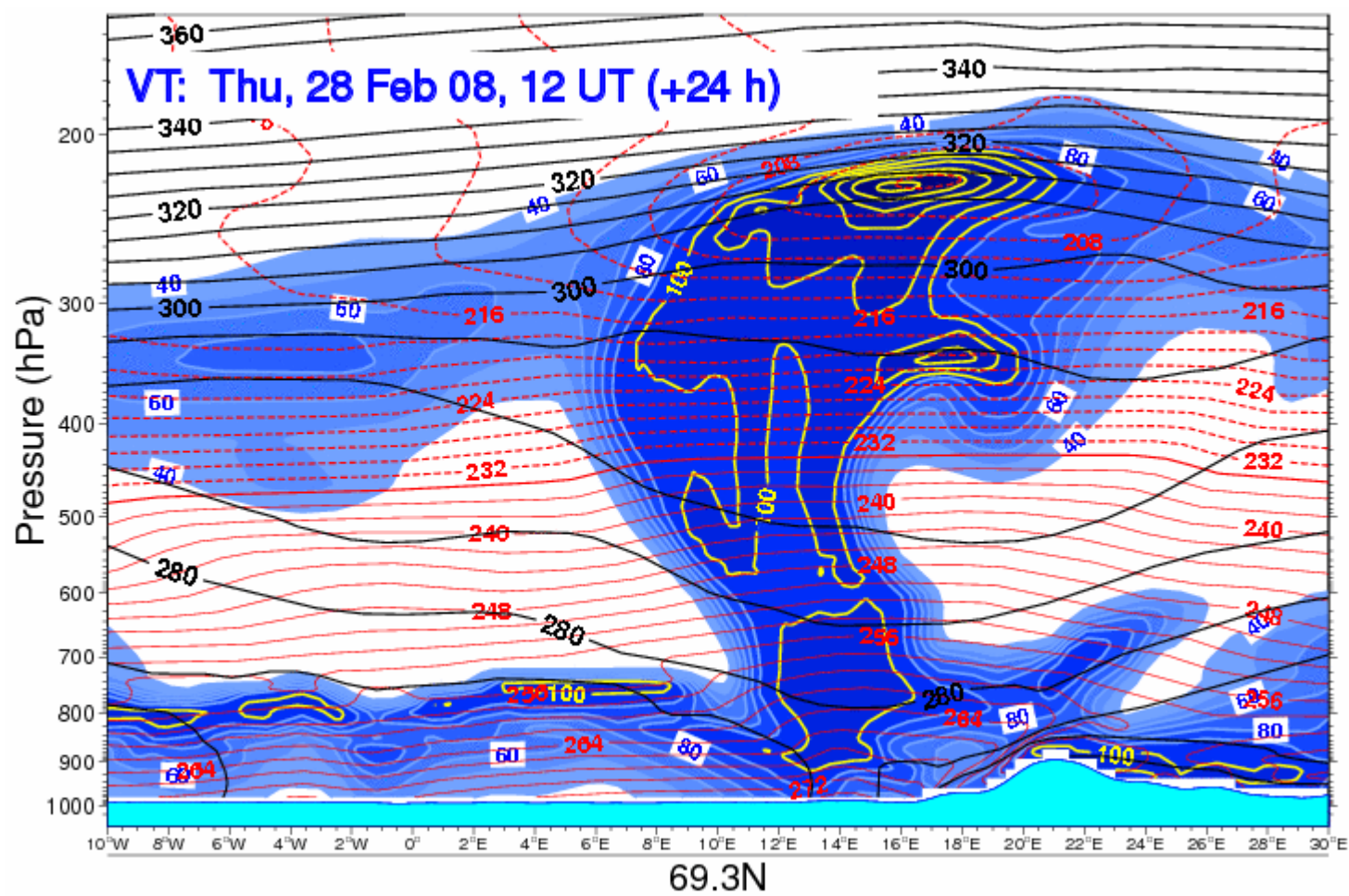


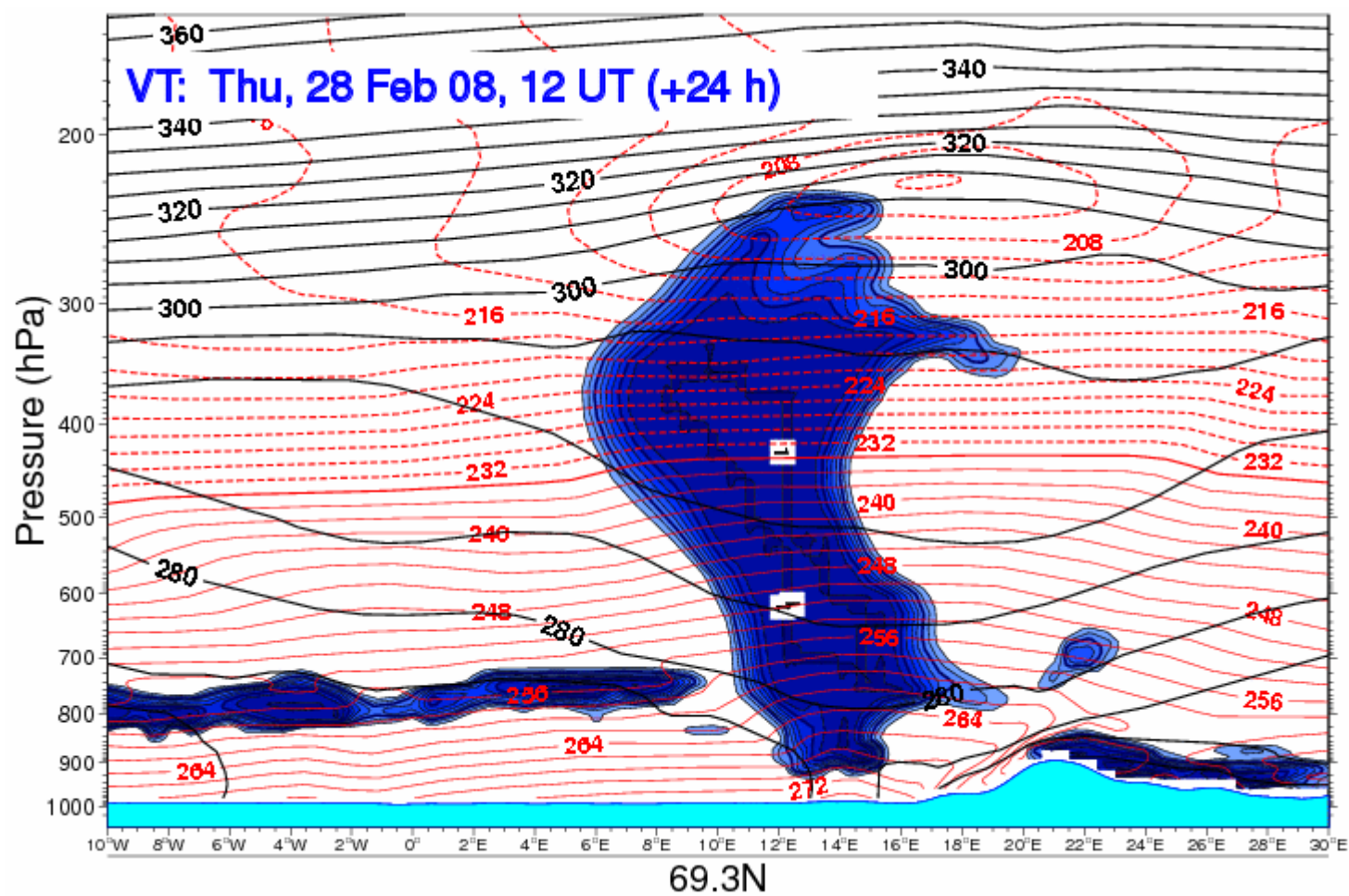
High, Medium, Low Cloud Cover

VT: Thu, 28 Feb 08, 12 UT (+24 h)



Precipitation (mm/3h)



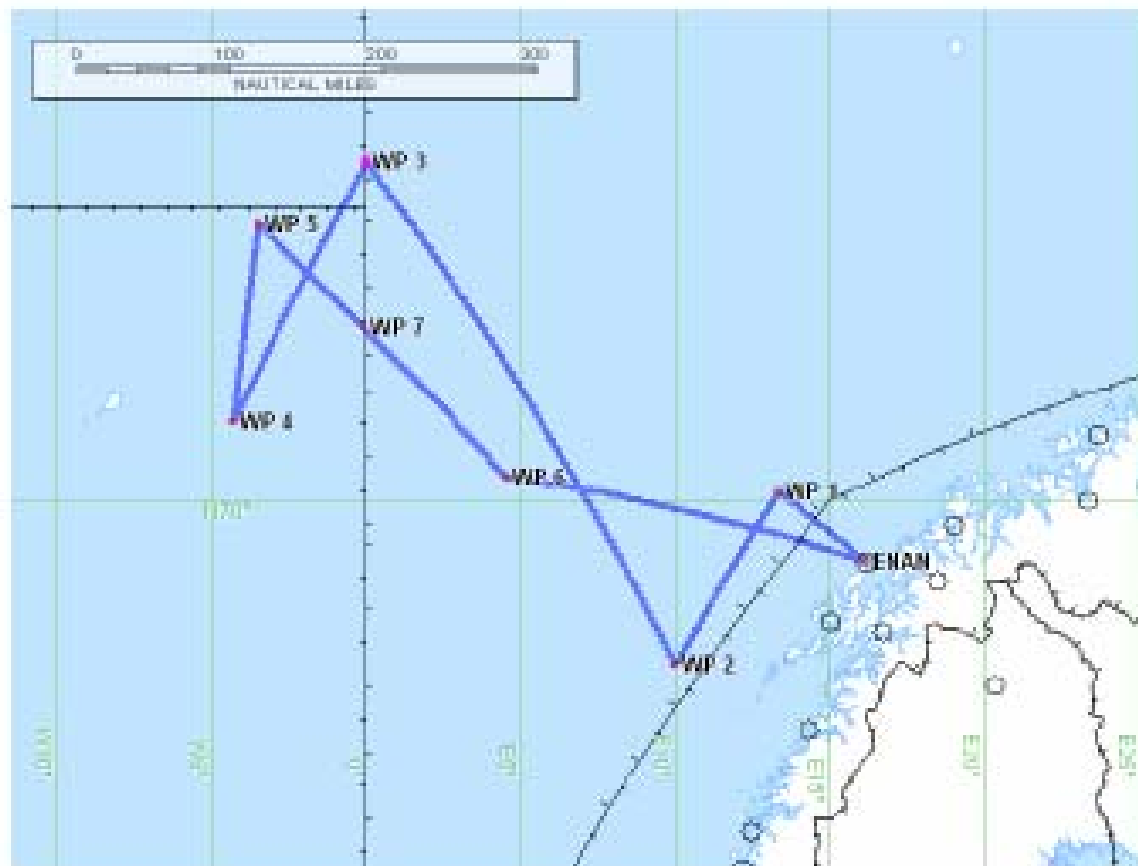


THORPEX 2008

D-CMET

Flight-No. 3

28-February-2008



Takeoff Time: 11:00 UTC

EET: 3:30 hrs

Altitude: FL340

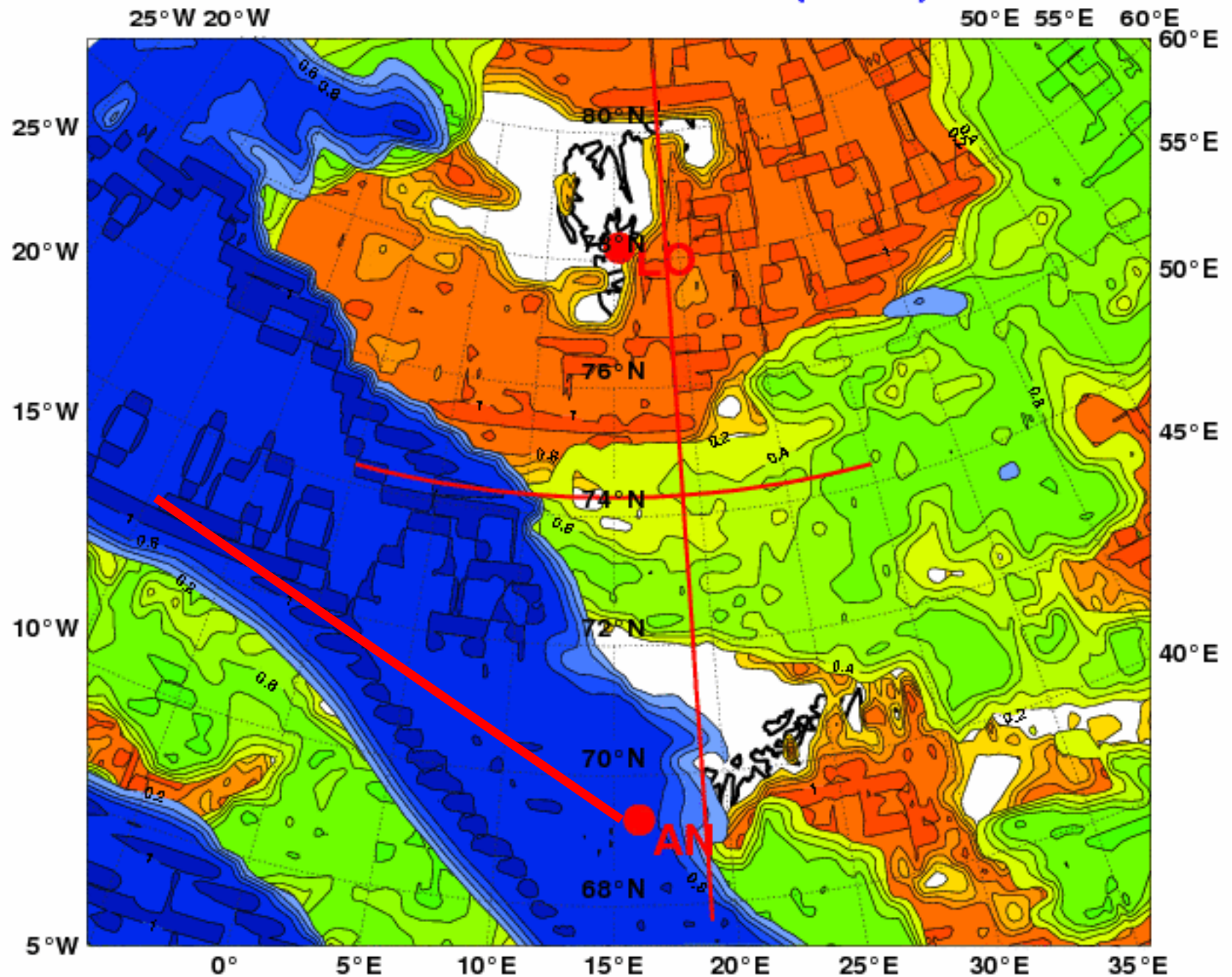
Planned Routing:

N7005 E01320
N6805 E01000
N7325 W00000
N7048 W00420
N7252 W00335
N7015 E00430
AND

Remark:

Request to drop 10
Meteorological Souds during
the flight depending on weather
situation

VT: Thu, 28 Feb 08, 12 UT (+24 h)



Cross section of rel hum 20080228 00 step 12 Expver 0001

