Weather briefing ACLOUD

From Mon 12 June 2017

for Tue 13 June 2017

and next three days

Summary

Spitsbergen is still influenced by a high pressure system that is in the southwest of the island bringing us wind from the northwest. Wind speeds are moderate between 4 and 10 knots. There is a layer of low clouds to be found around the island, with high clouds coming in from the west.

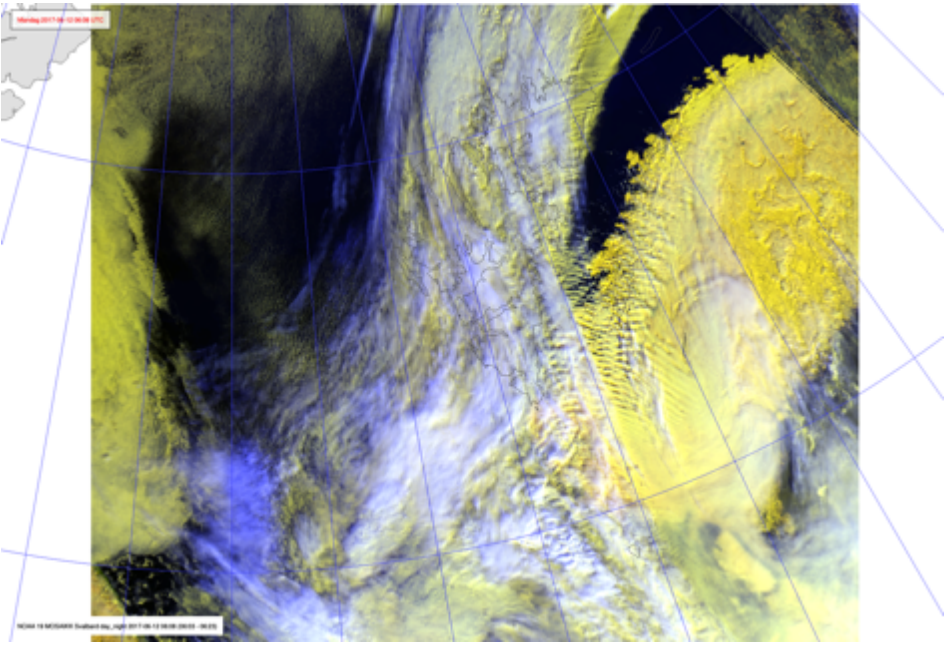
Tomorrow we will be influence by a trough stretching from Novaja Zemlya towards us. This will bring weak northerly winds near the ground. The pressure gradient will be very weak. There will be an abundance of medium and high clouds over the whole area.

Observations
Mon 12 June 2017

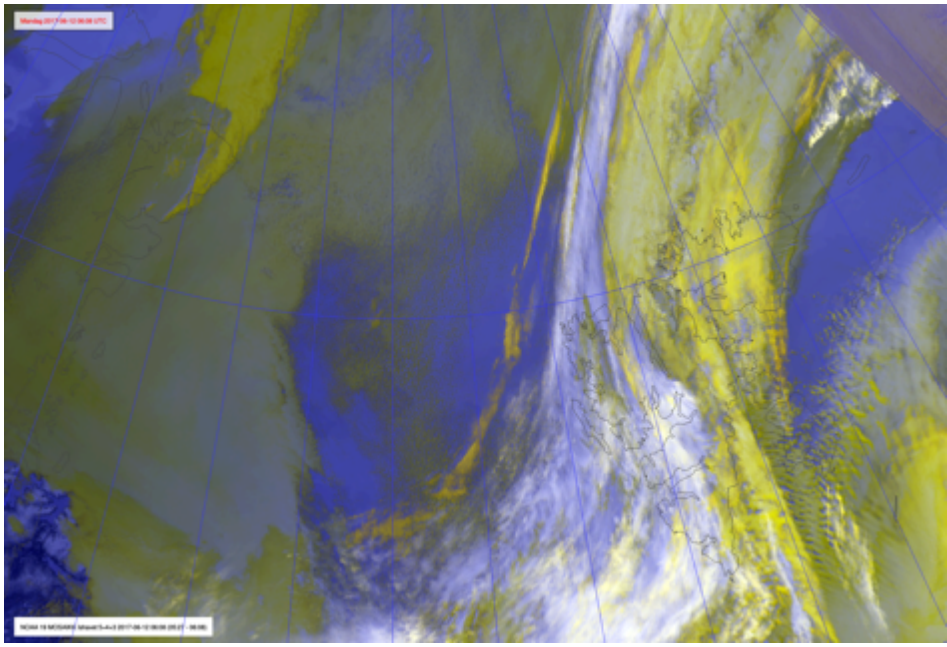
Satellite image

Jun 12
06 UTC

NOAA-18



VIS + IR

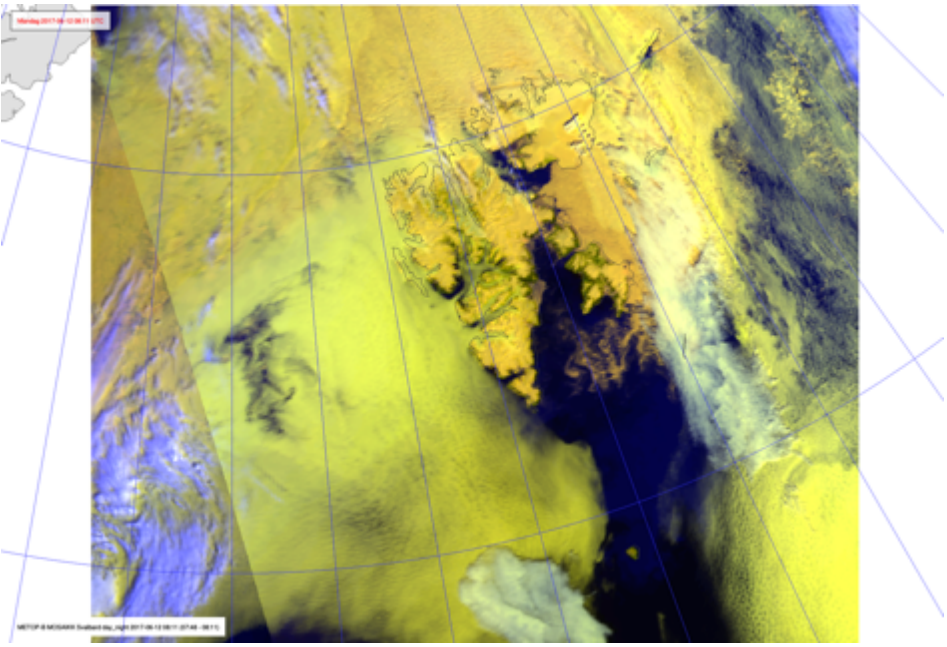


IR 5+4+3

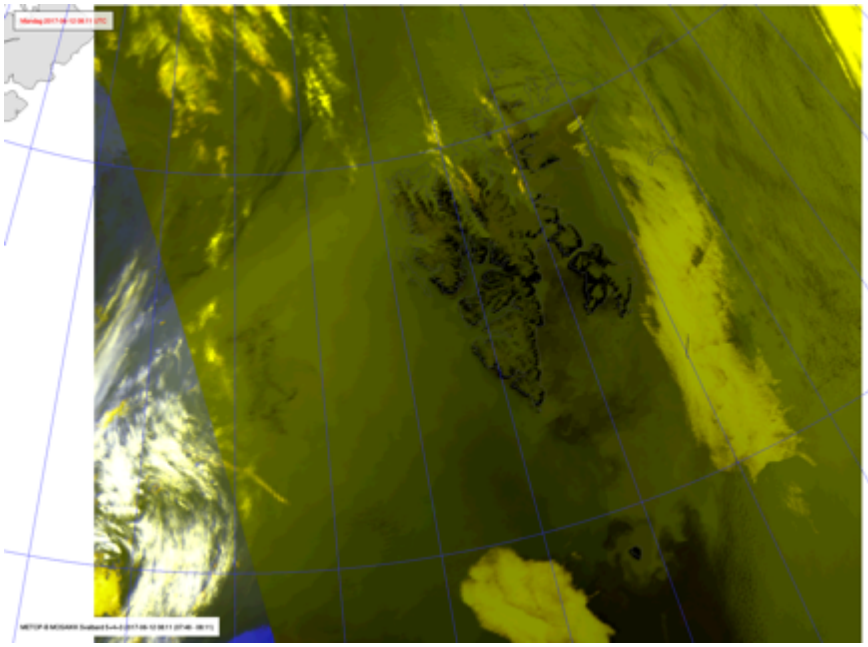
Satellite image

Jun 12
08 UTC

NOAA-18

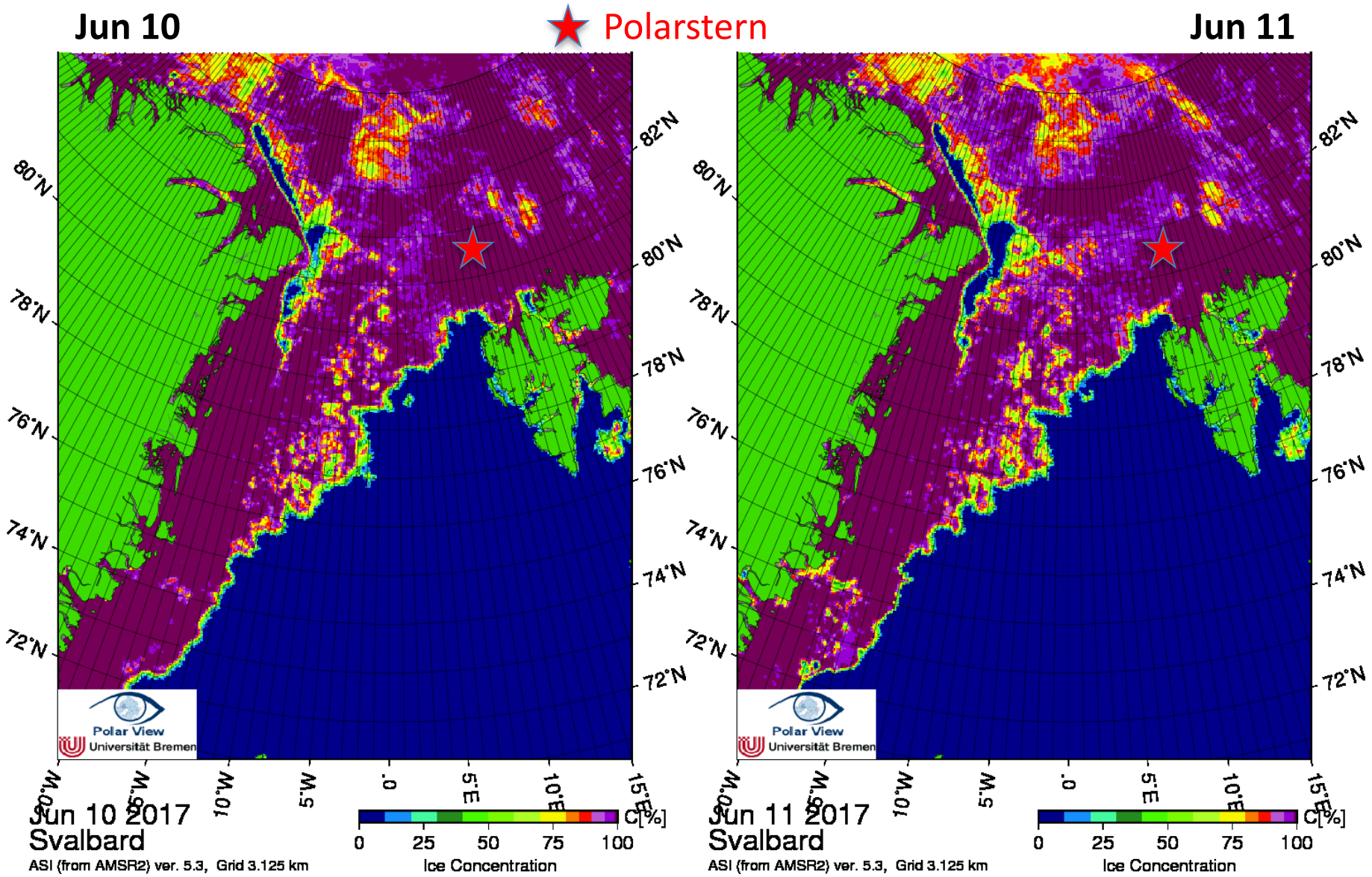


VIS + IR



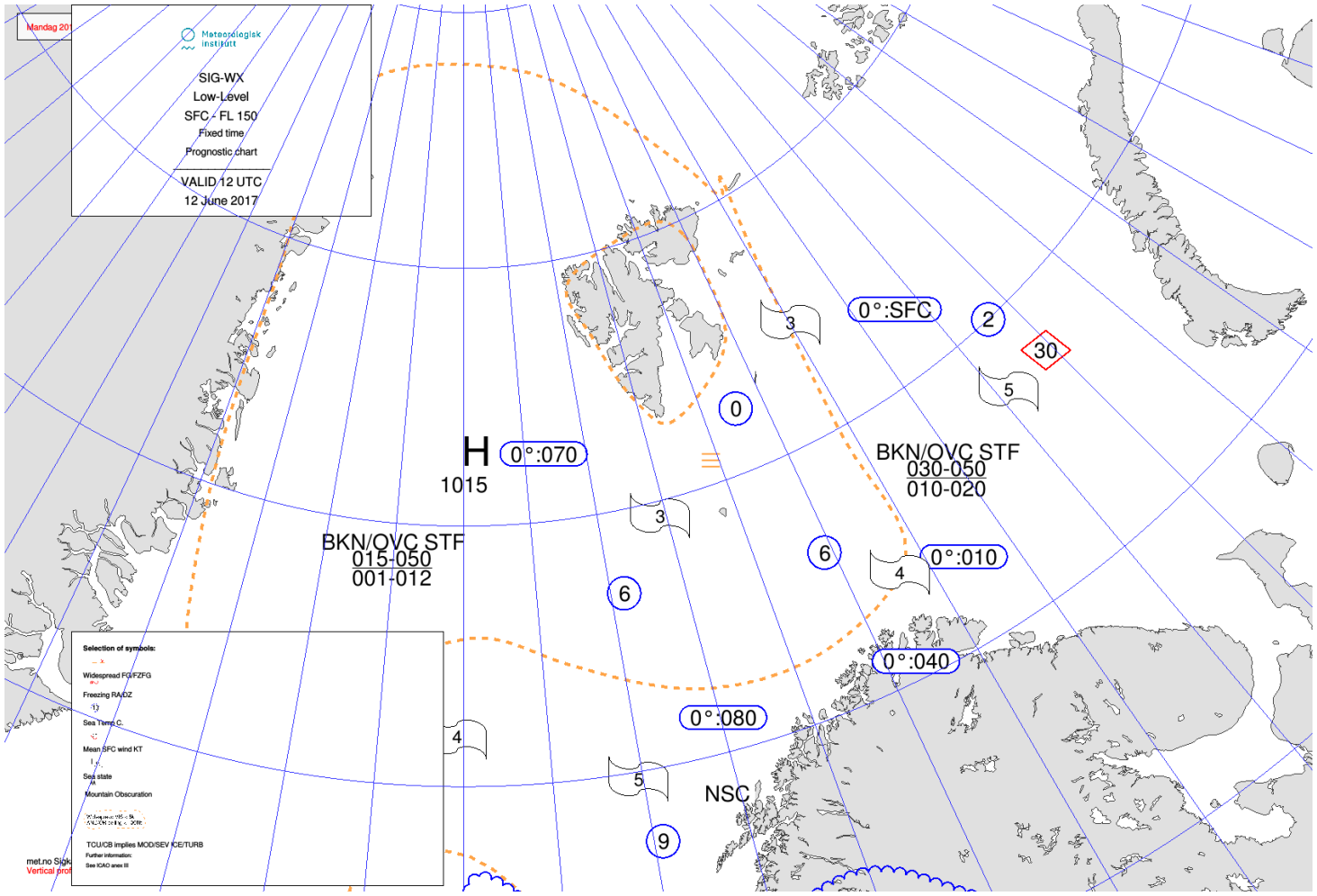
IR 5+4+3

Sea ice image



Significant weather chart

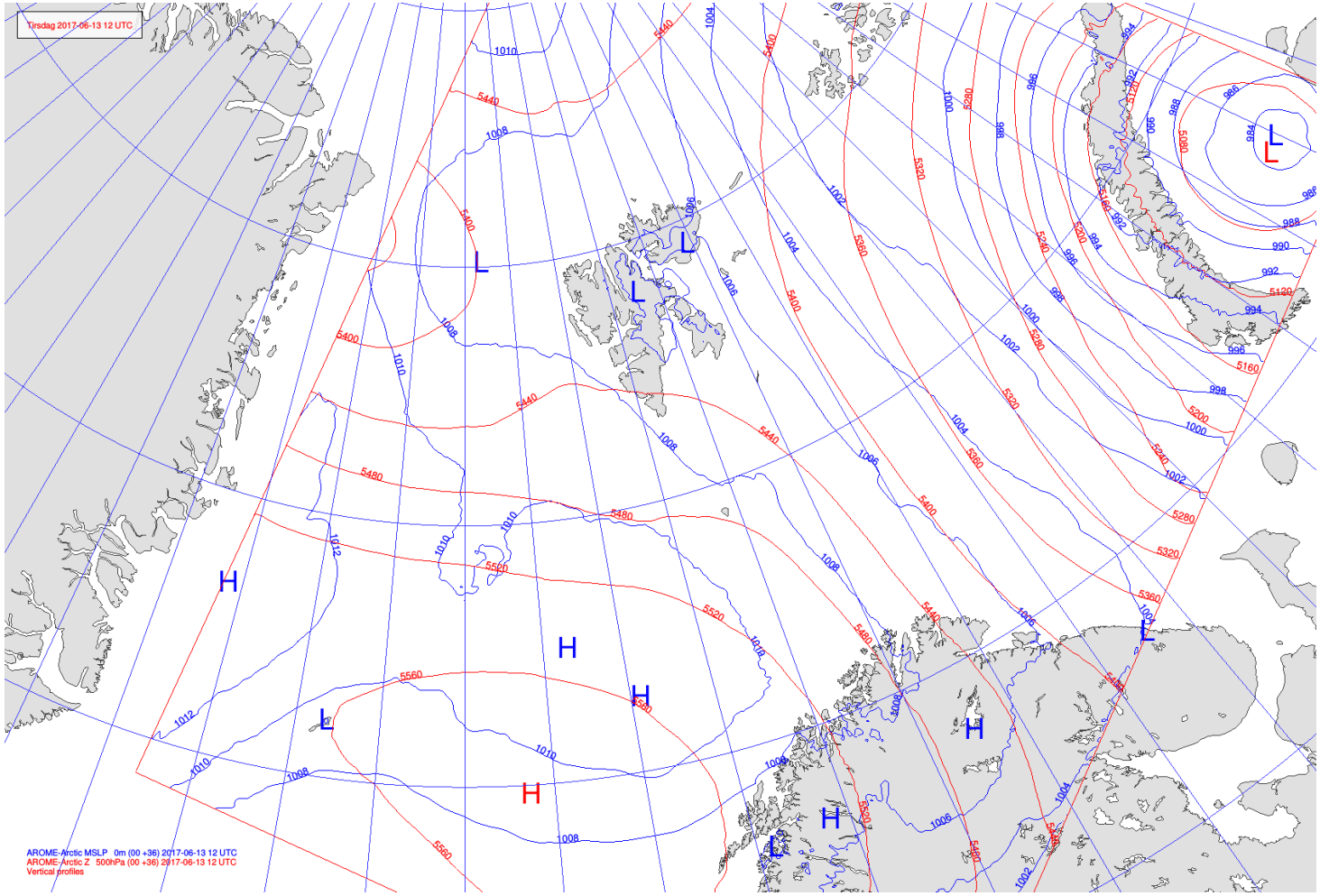
Jun 12
12 UTC



Forecast
Tue 13 June 2017

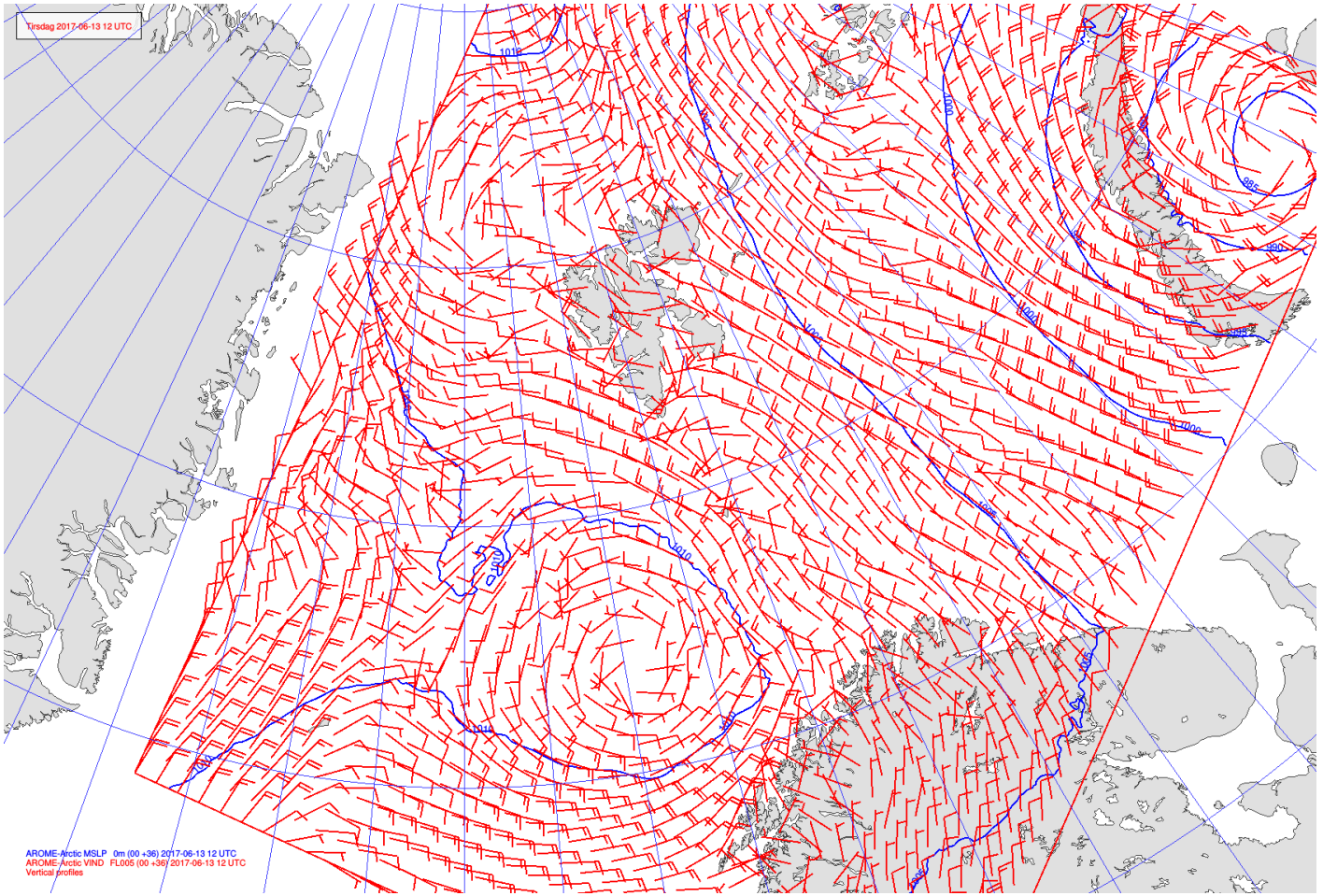
MSLP / Z_{500}

Jun 13
12 UTC



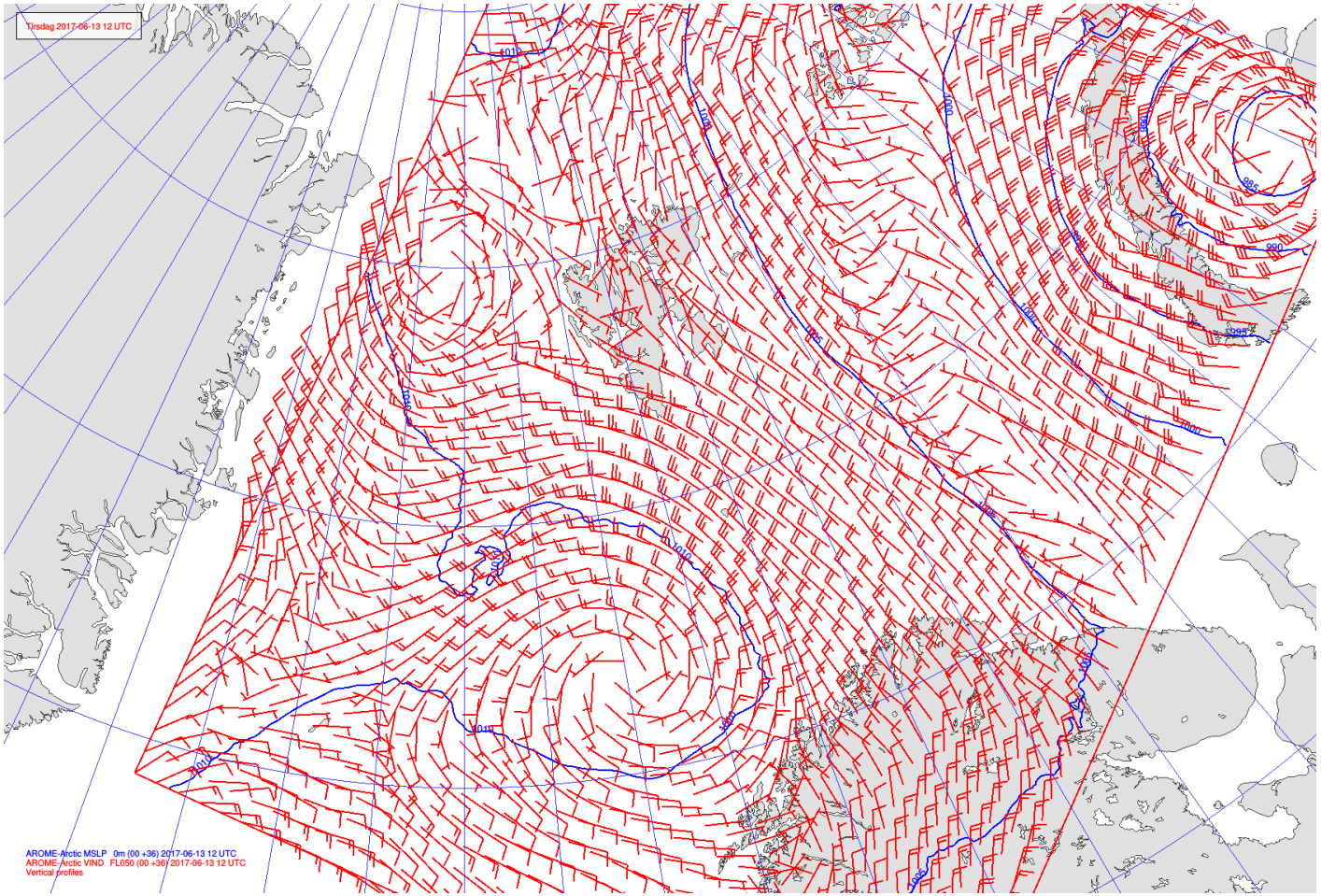
MSLP / v_{FL005}

Jun 13
12 UTC



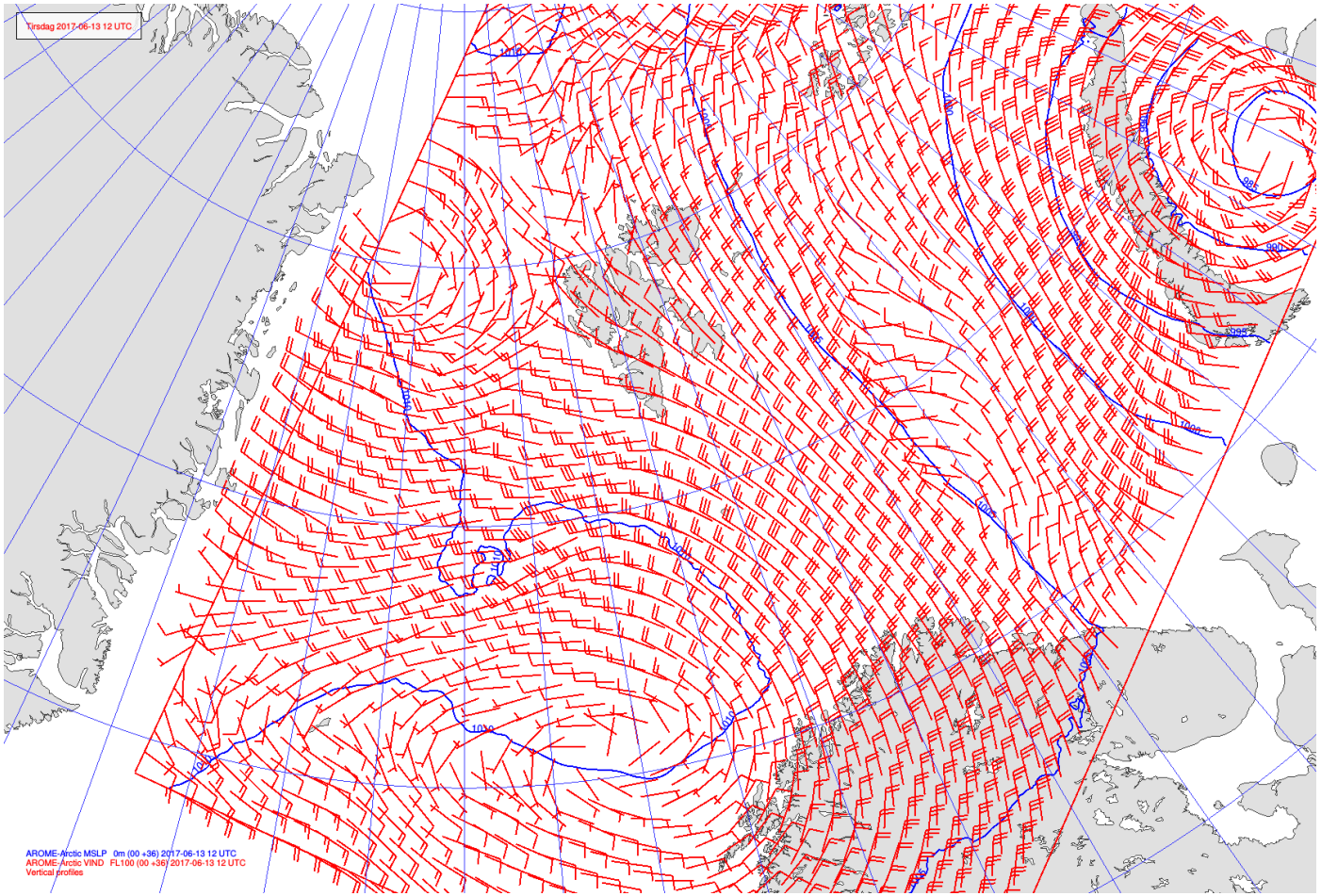
MSLP / v_{FL050}

Jun 13
12 UTC



MSLP / v_{FL100}

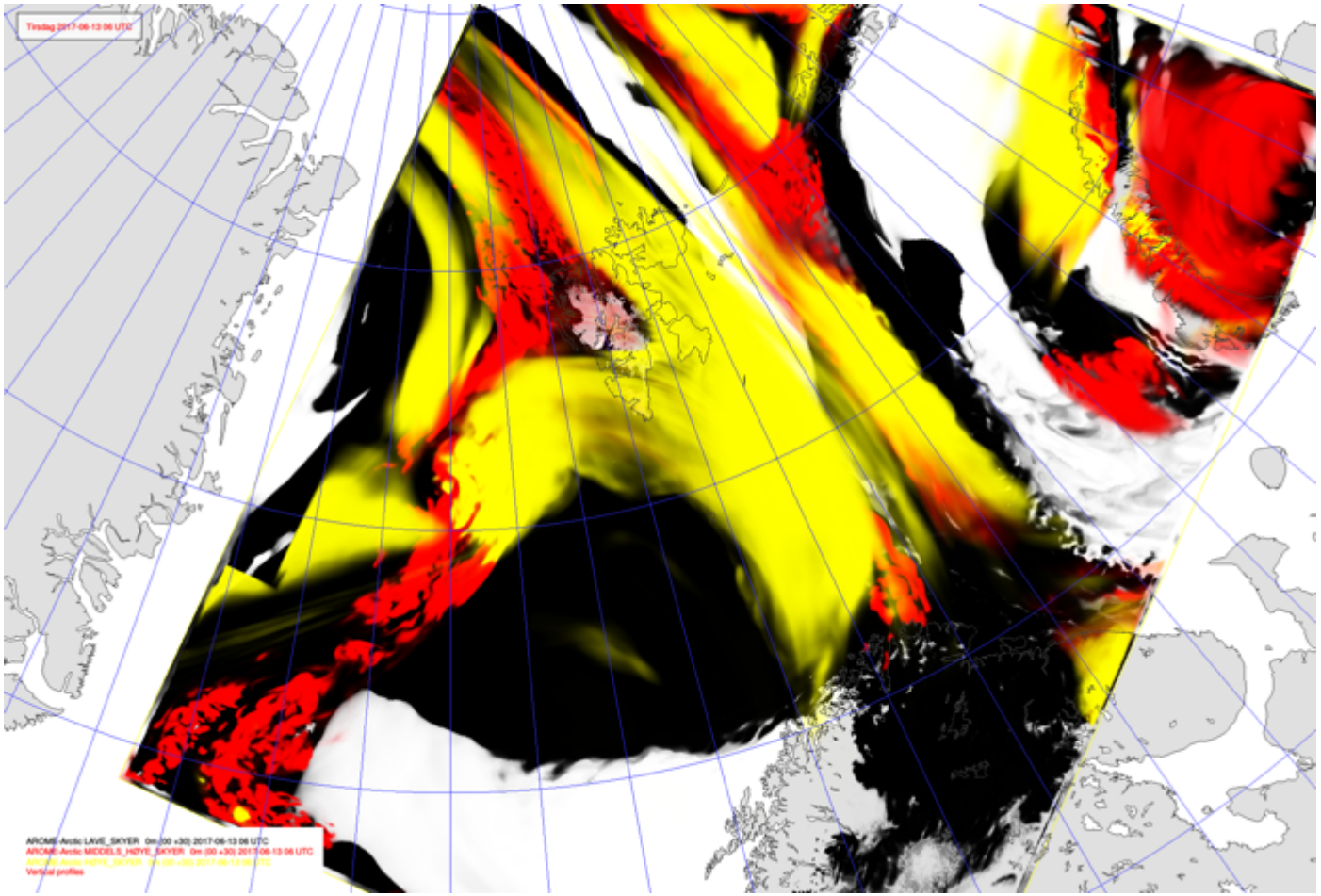
Jun 13
12 UTC



Cloud cover

Jun 13
06 UTC

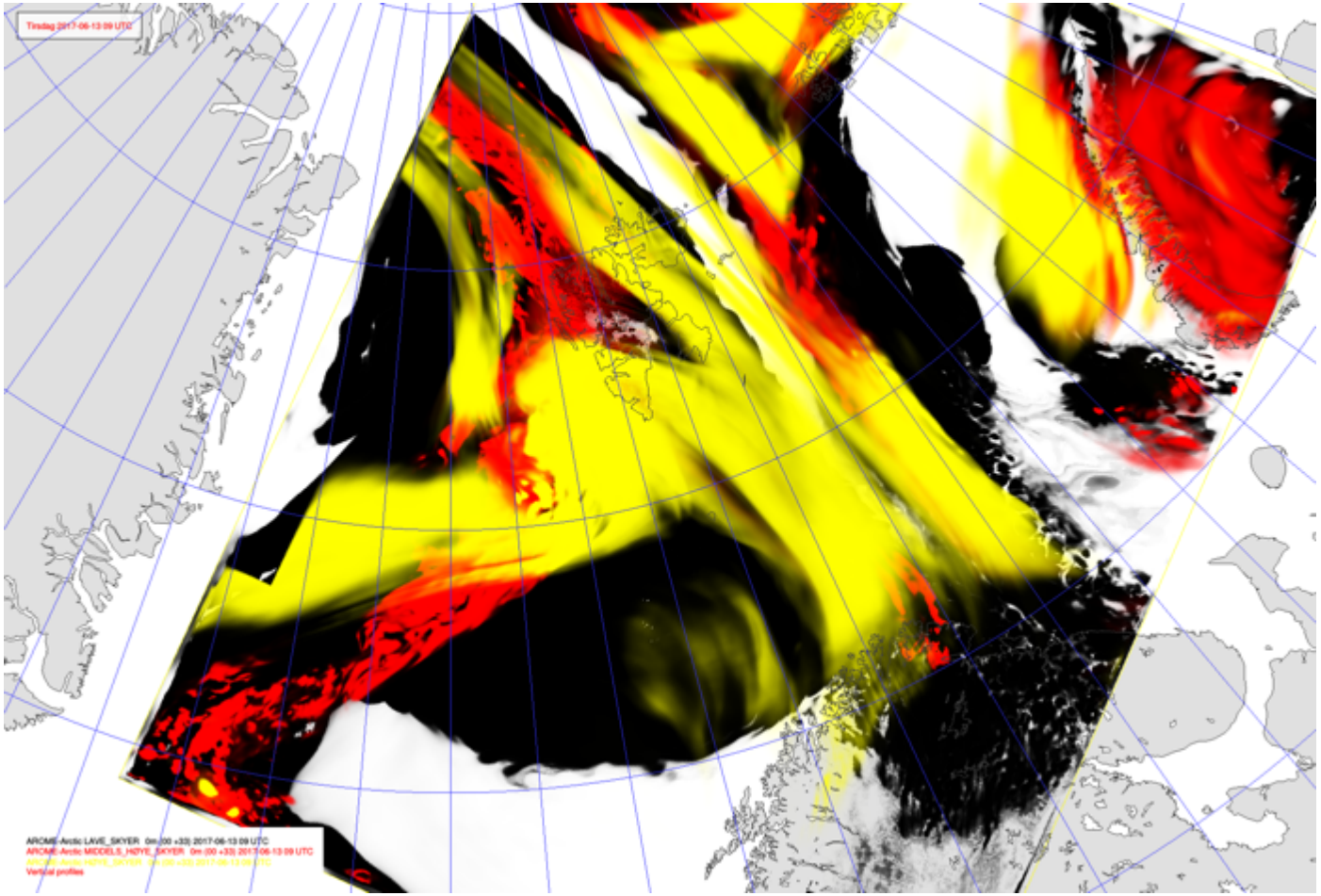
Low = black / Medium = red / High = yellow



Cloud cover

Jun 13
09 UTC

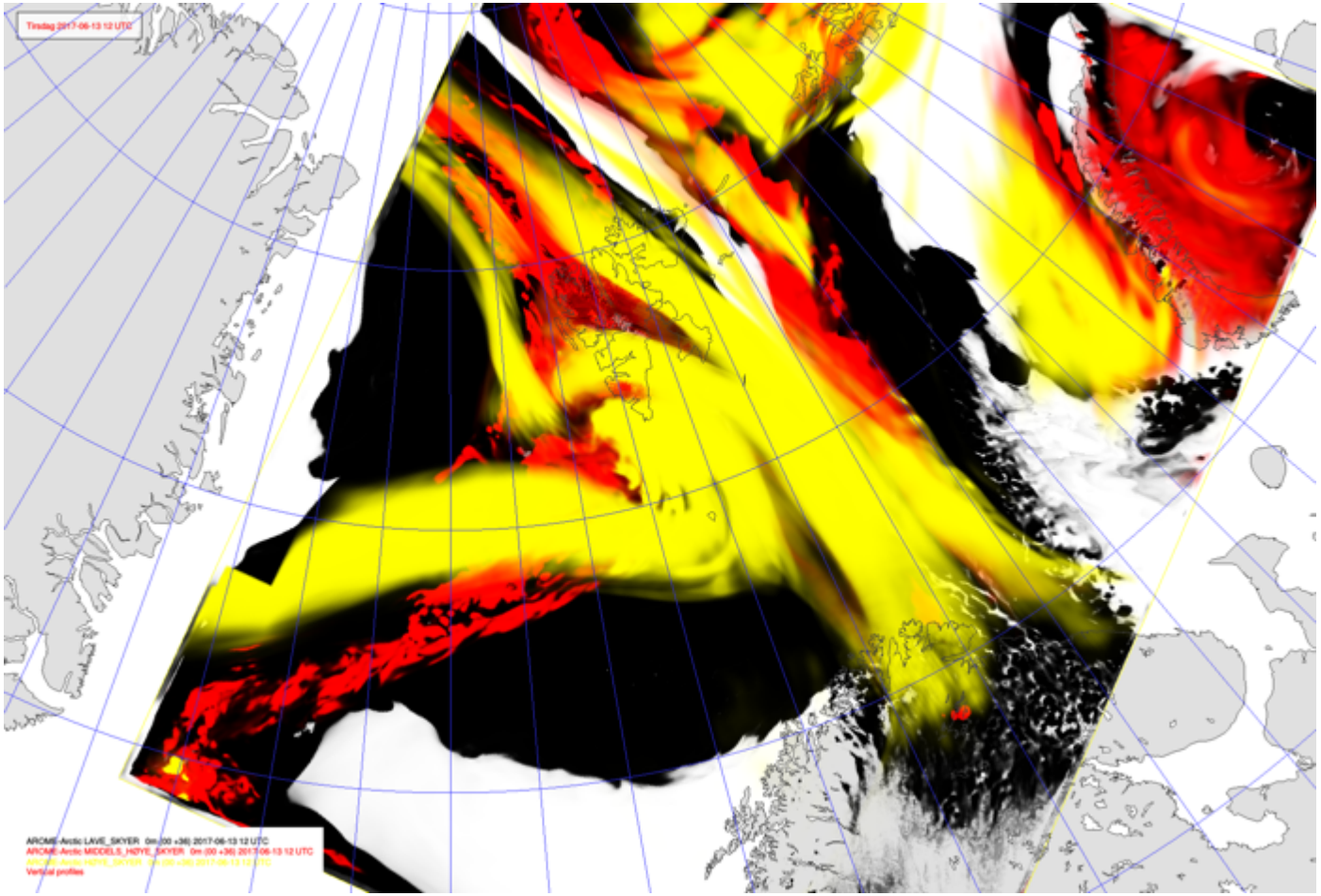
Low = black / Medium = red / High = yellow



Cloud cover

Jun 13
12 UTC

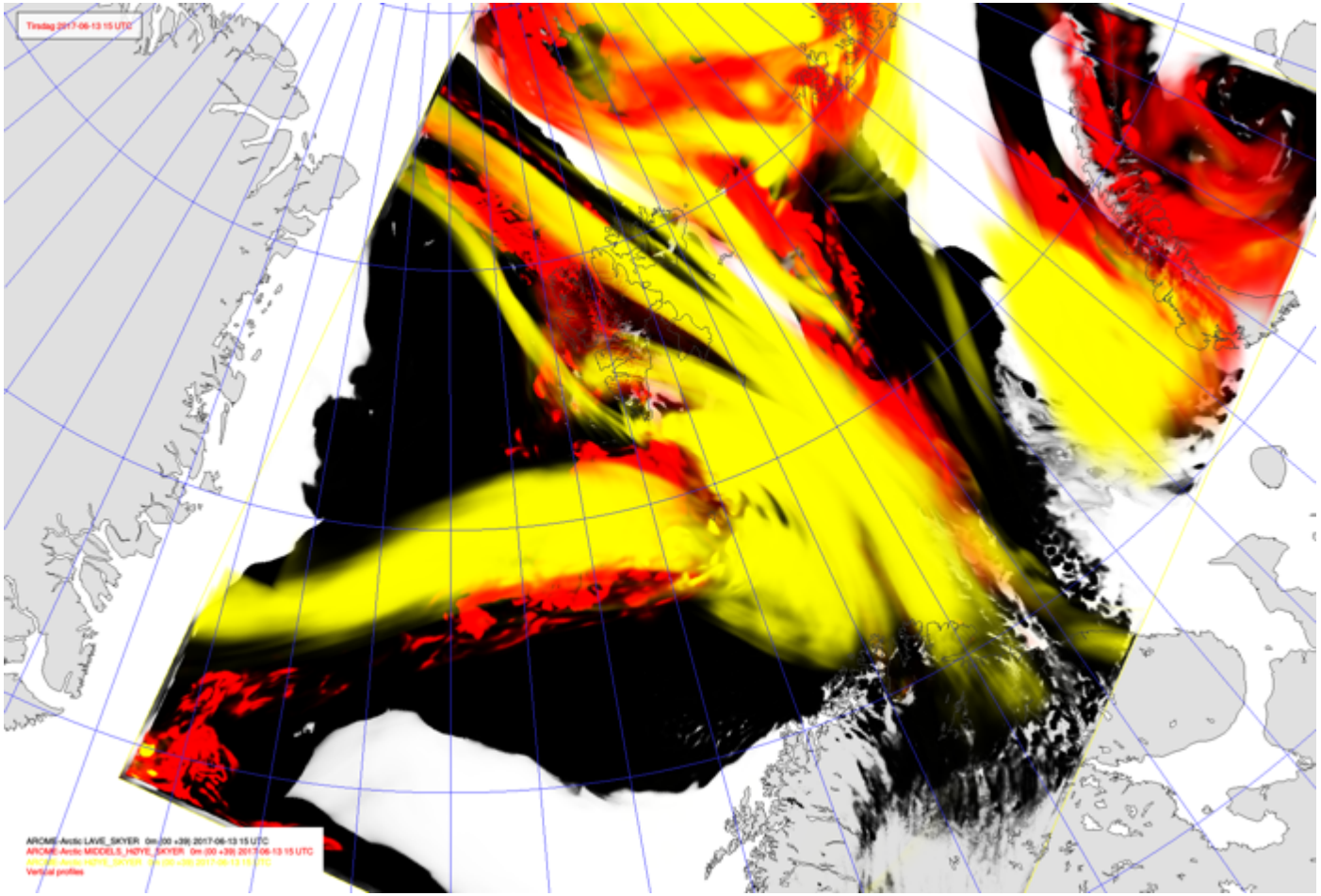
Low = black / Medium = red / High = yellow



Cloud cover

Jun 13
15 UTC

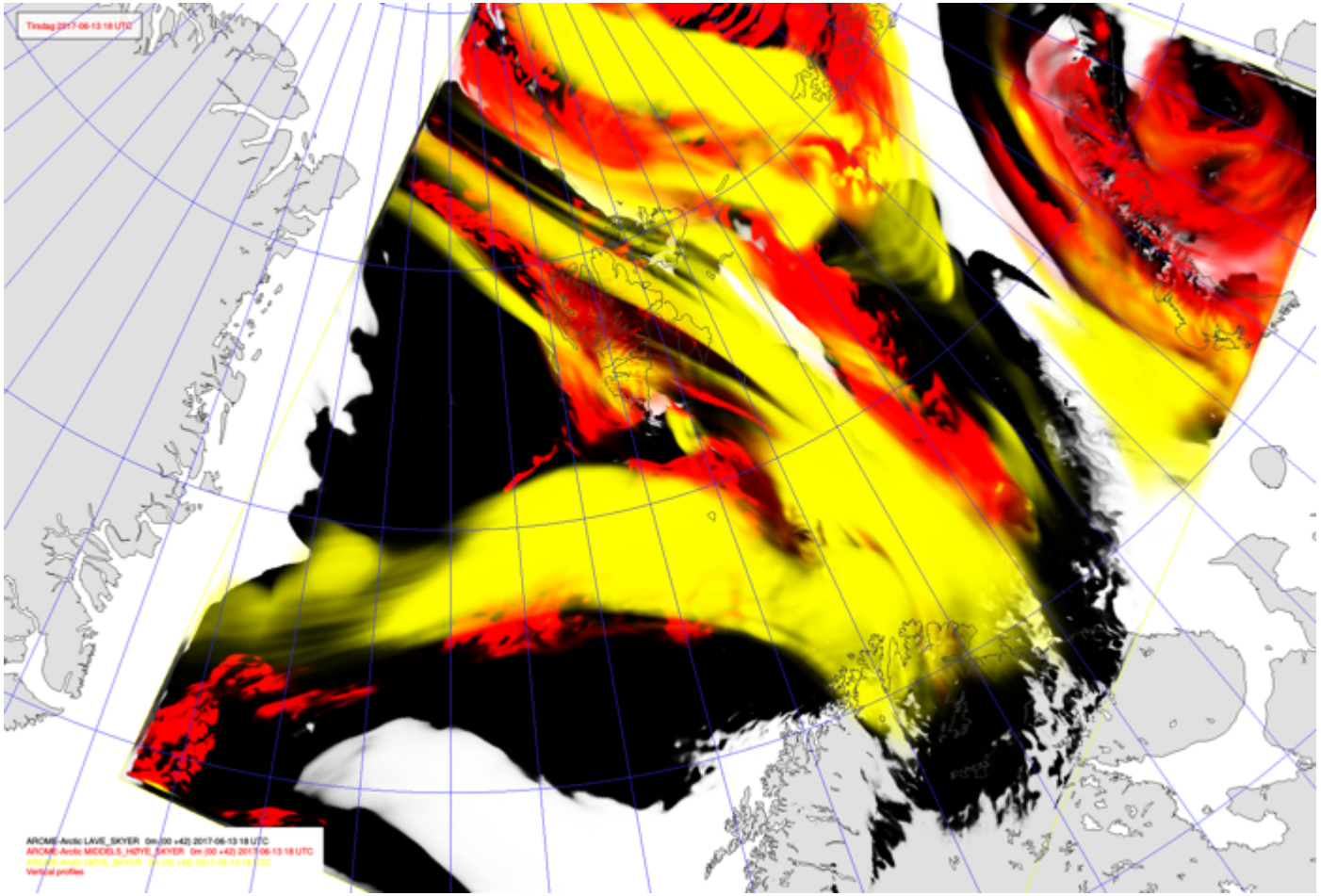
Low = black / Medium = red / High = yellow



Cloud cover

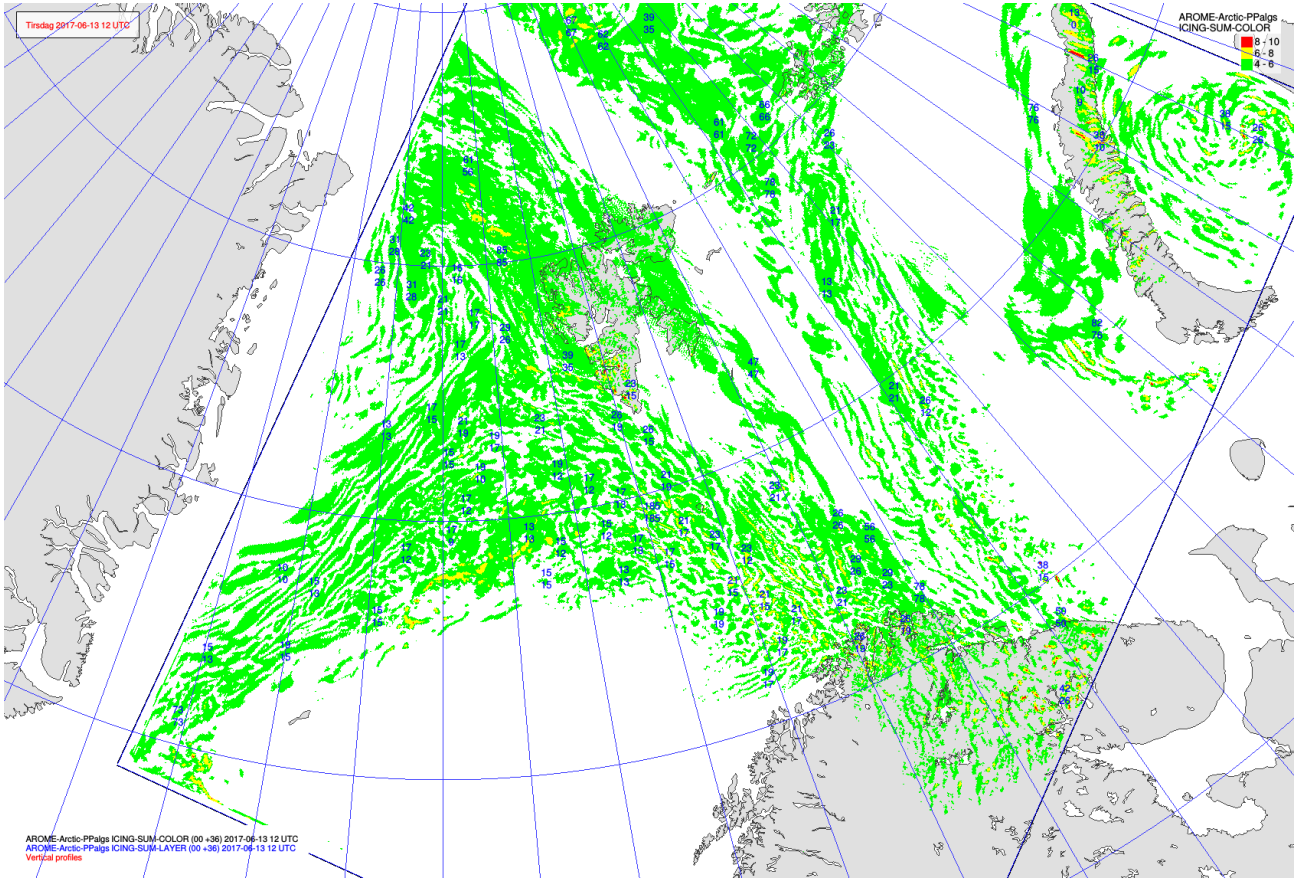
Jun 13
18 UTC

Low = black / Medium = red / High = yellow



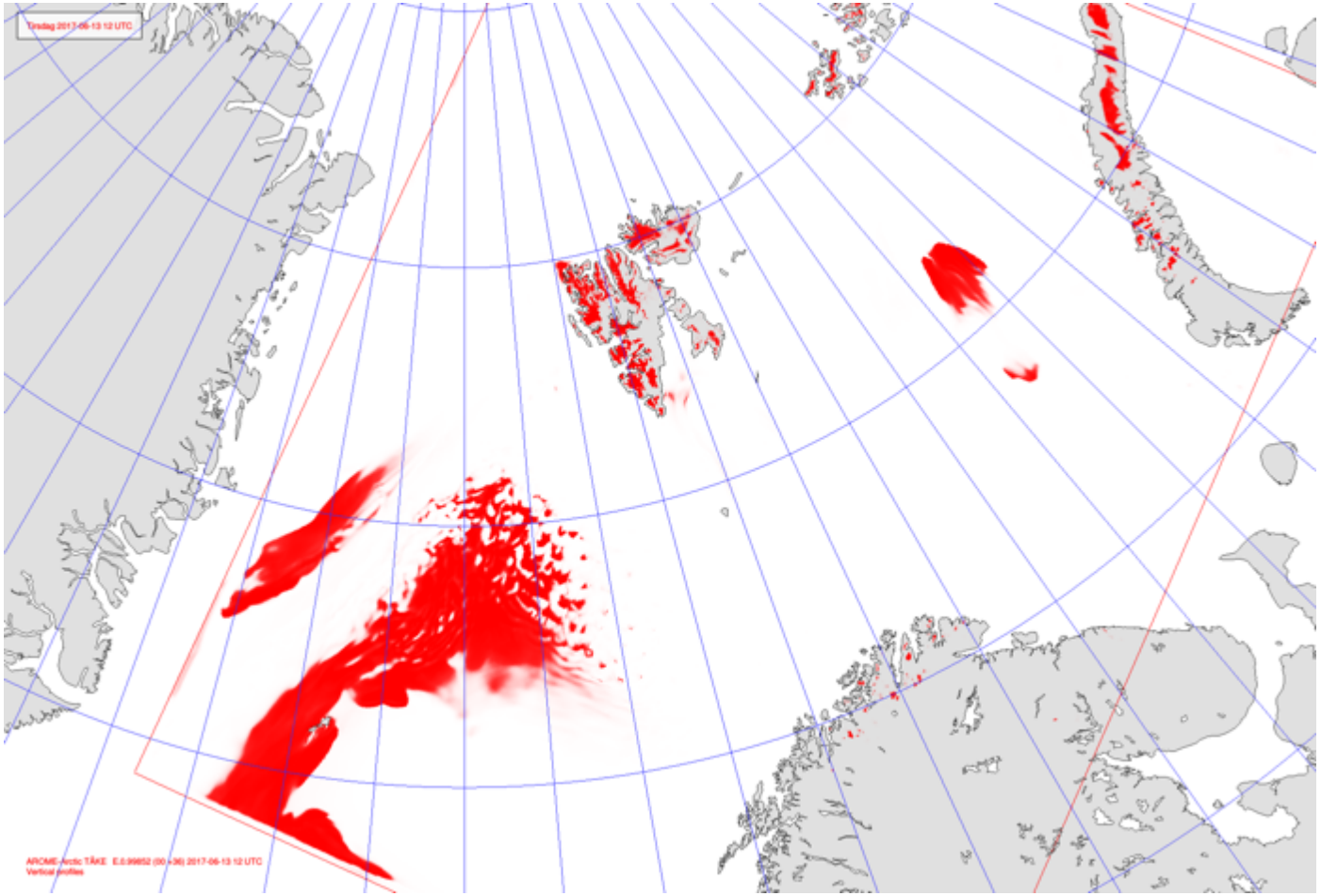
Cloud icing

Jun 13
12 UTC



Fog

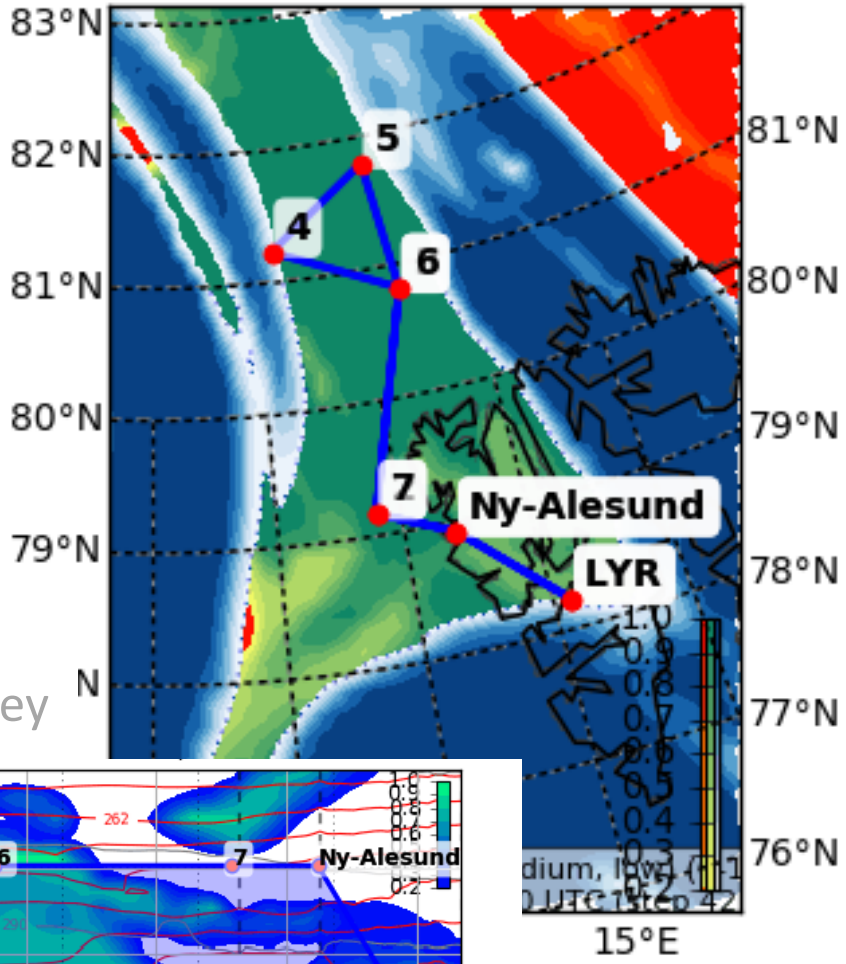
Jun 13
12 UTC



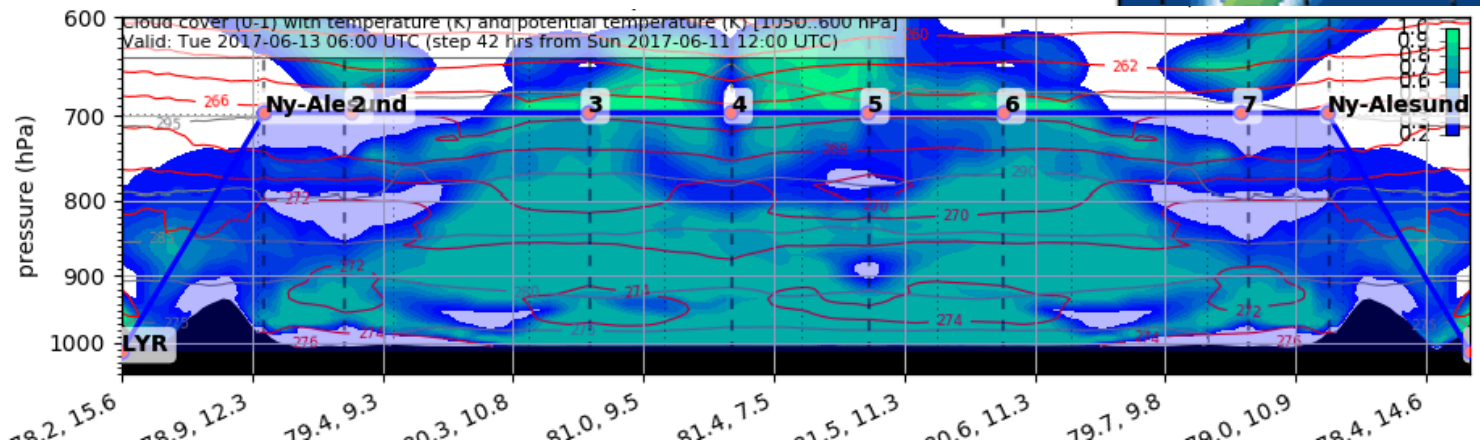
Cloud cover

Jun 13
06 UTC

Low = red /
Medium = green /
High = blue



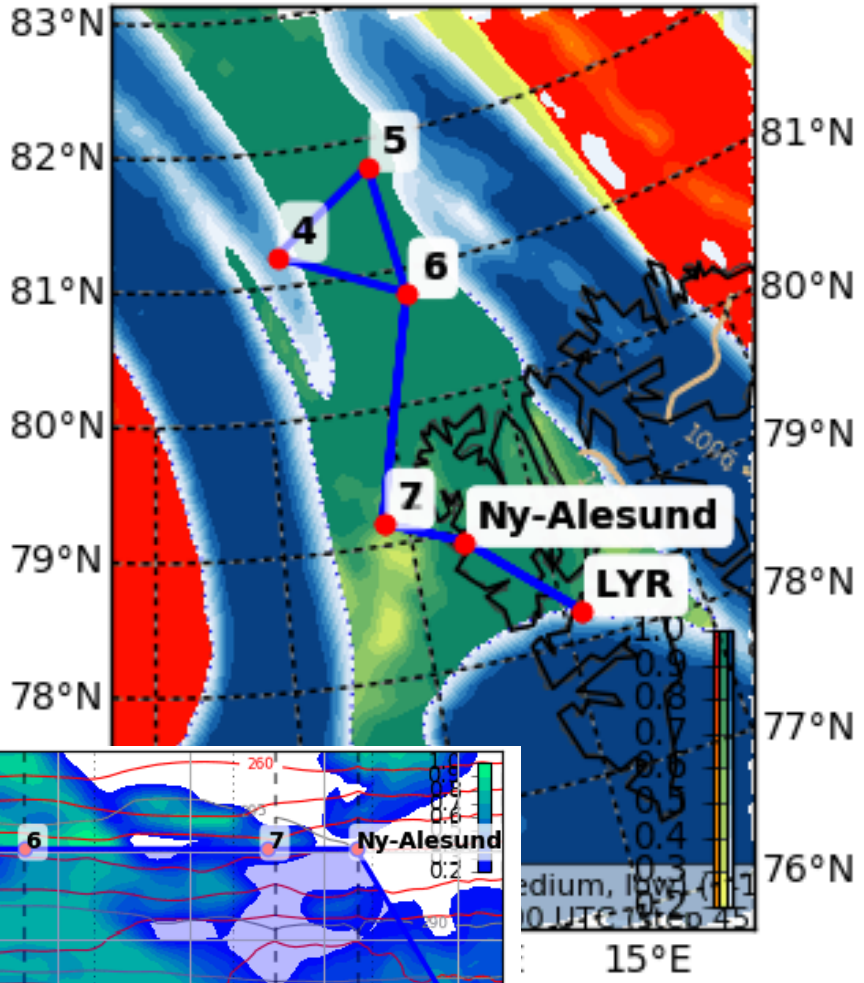
Cloud cover = shading / T (K) = red / θ (K) = grey



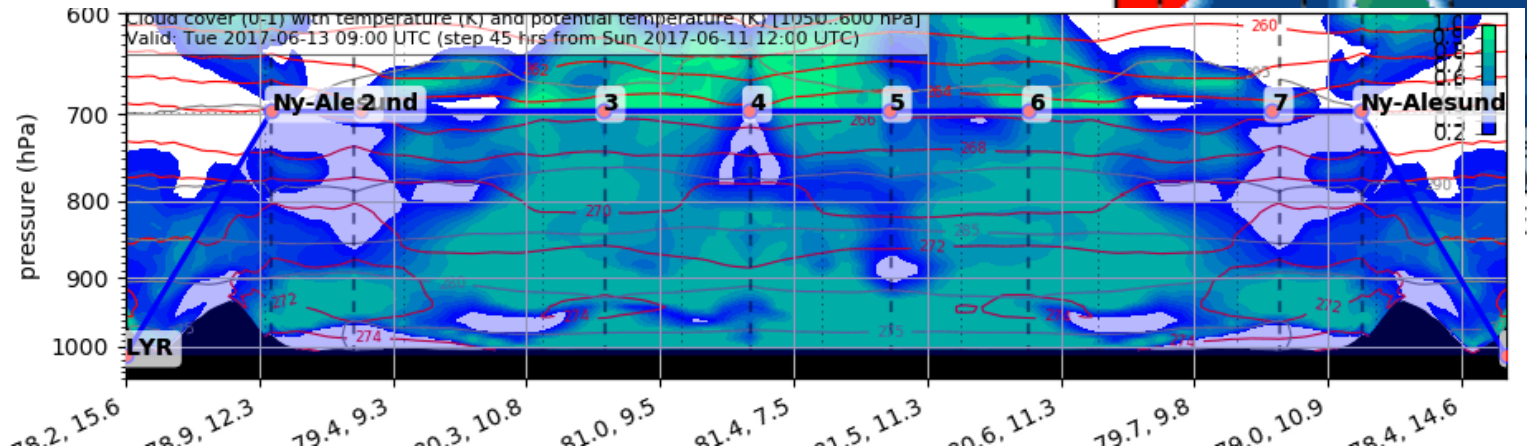
Cloud cover

Jun 13
09 UTC

Low = red /
Medium = green /
High = blue



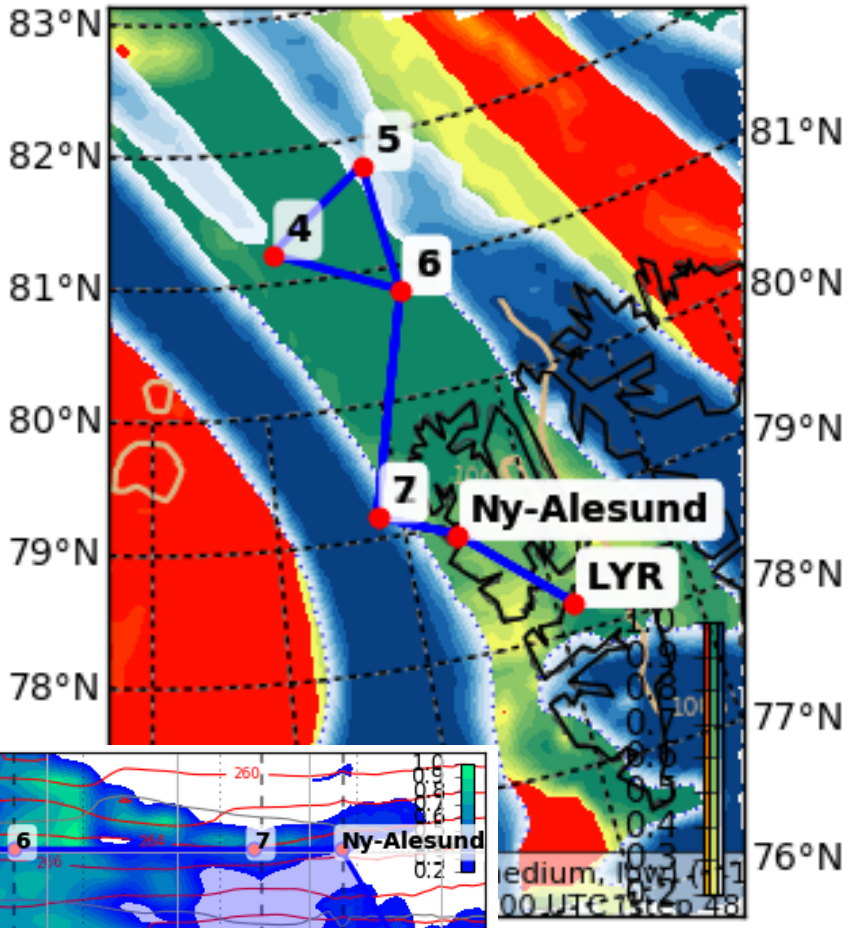
Cloud cover = shading / T (K) = red / θ (K) = gr



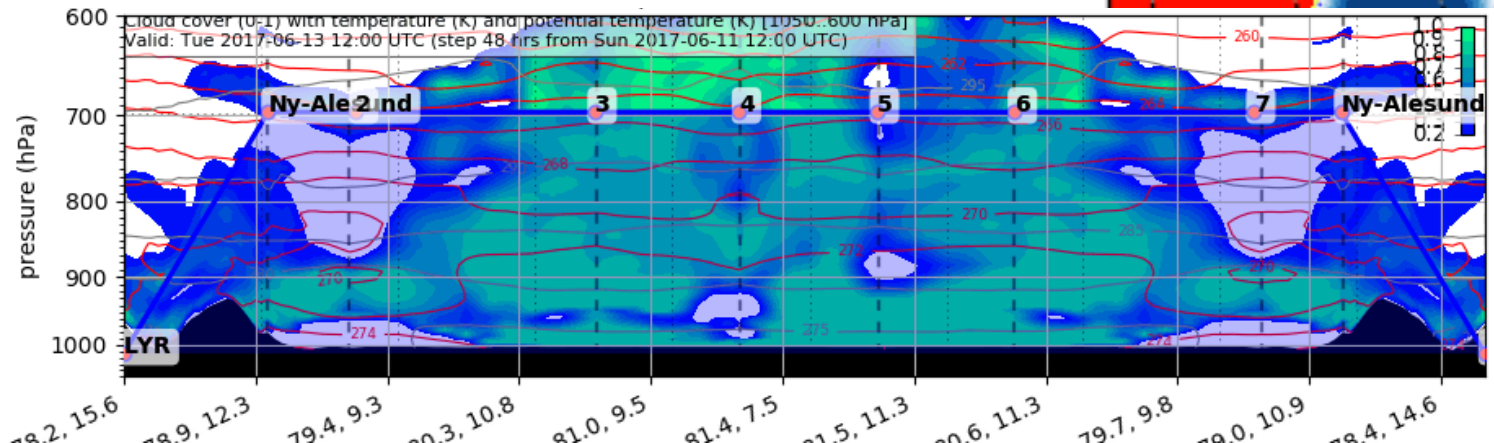
Cloud cover

Jun 13
12 UTC

Low = red /
Medium = green /
High = blue



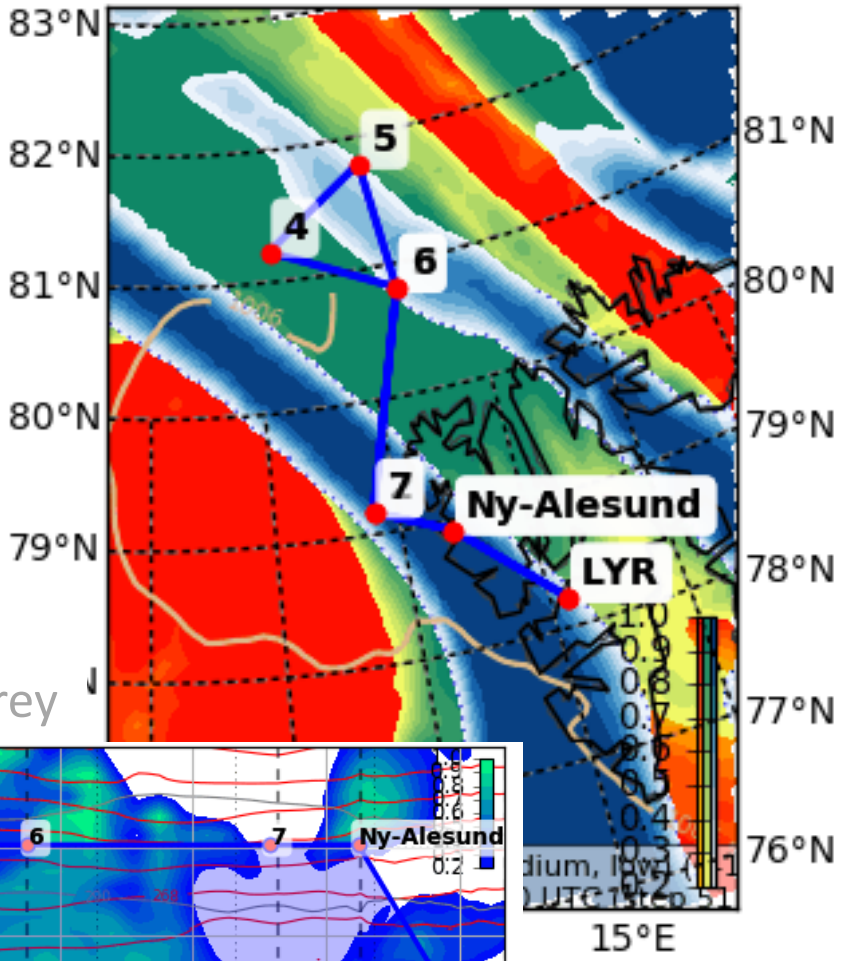
Cloud cover = shading / T (K) = red / θ (K) = gr



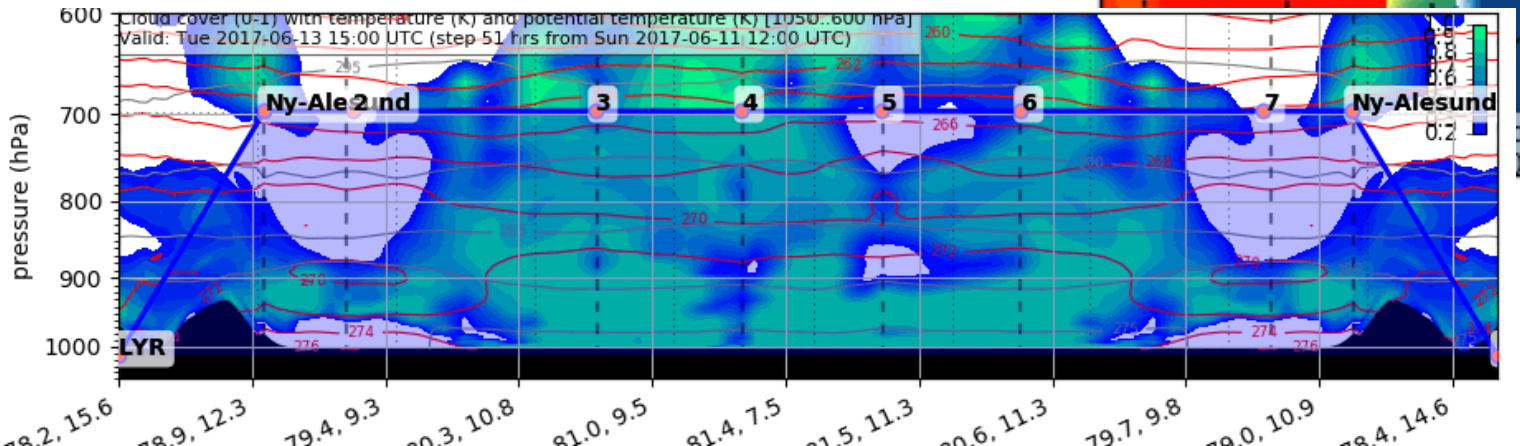
Cloud cover

Jun 13
15 UTC

Low = red /
Medium = green /
High = blue



Cloud cover = shading / T (K) = red / θ (K) = grey



Cloud cover

Jun 13
18 UTC

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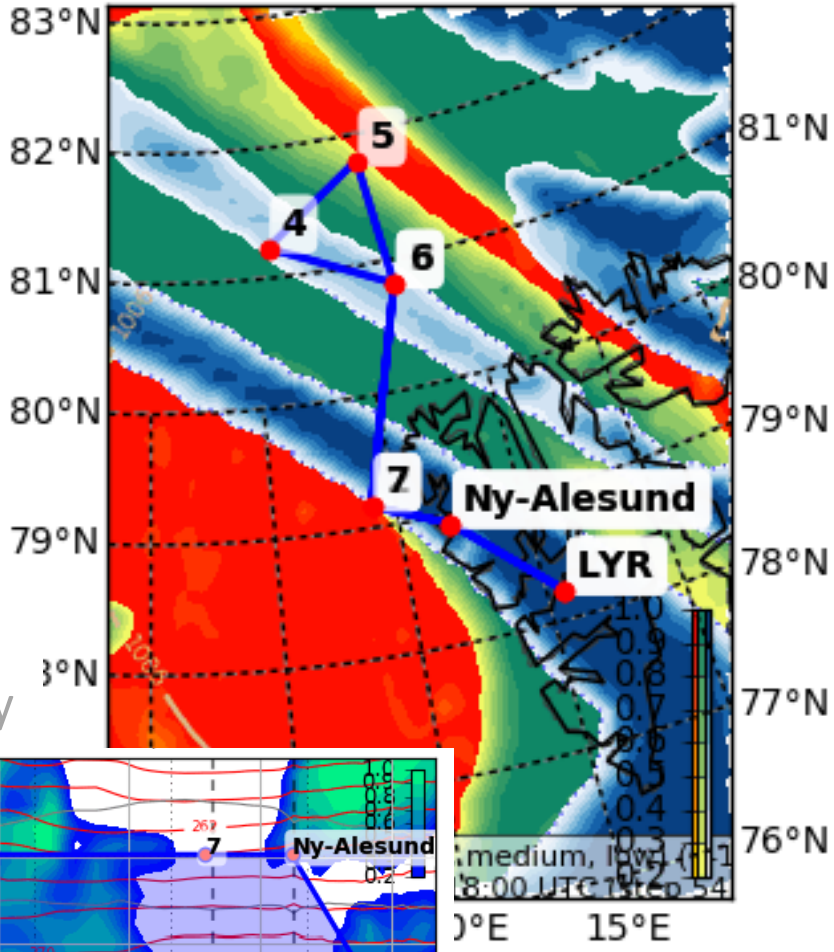
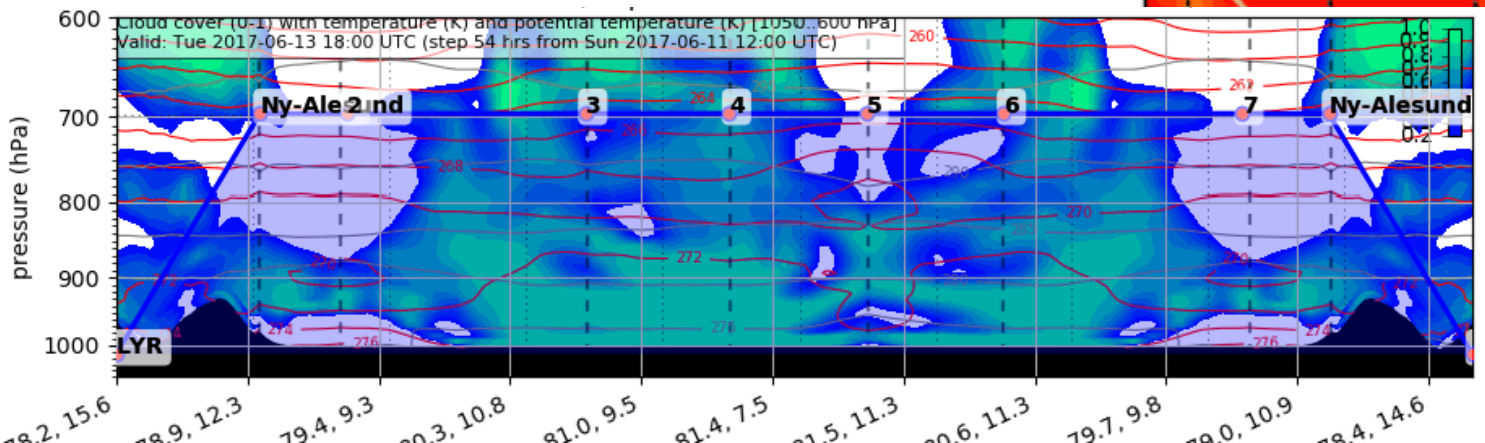
High = blue



Cloud cover = shading / T (K) = red / θ (K) = grey

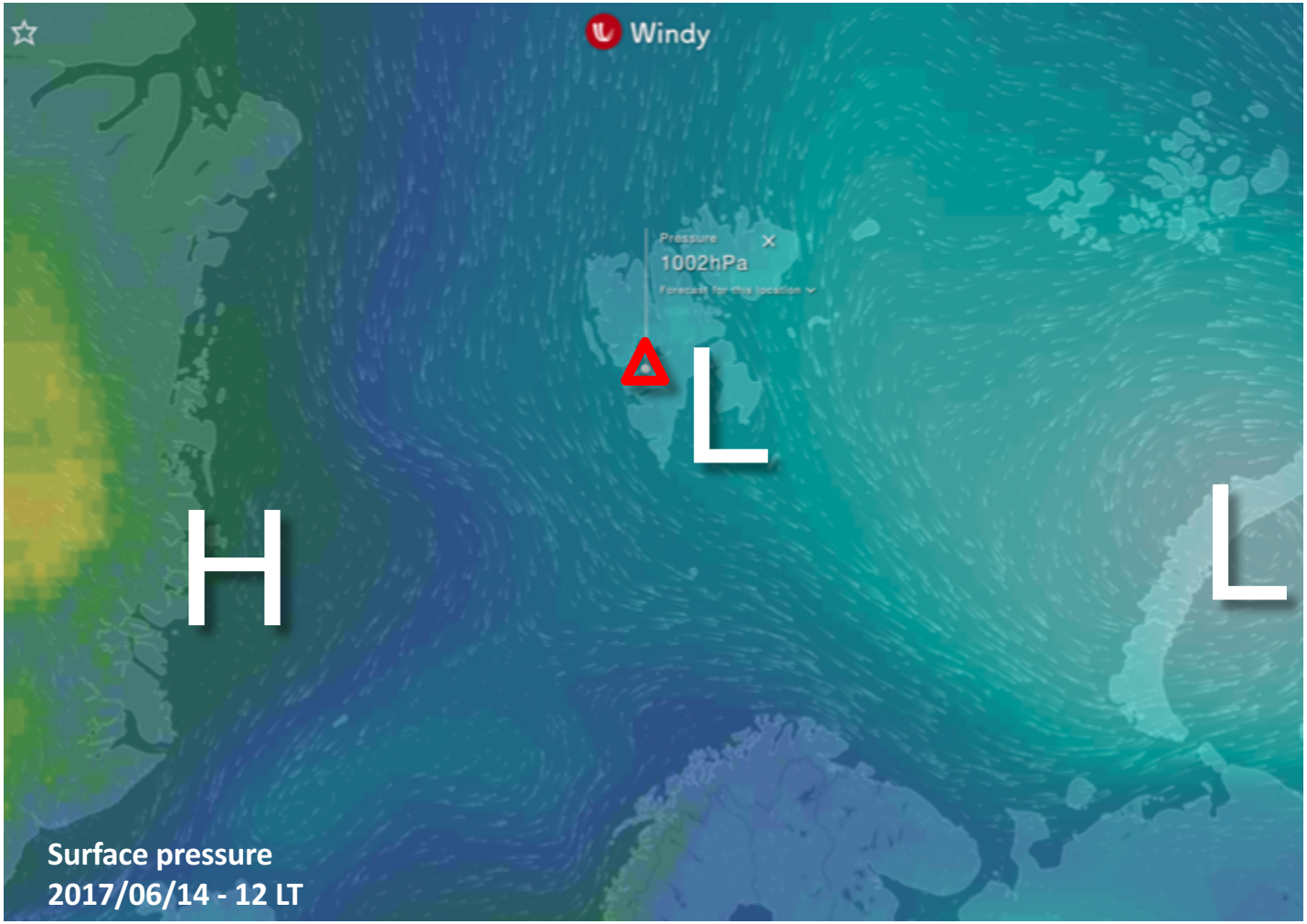


METAR and TAF

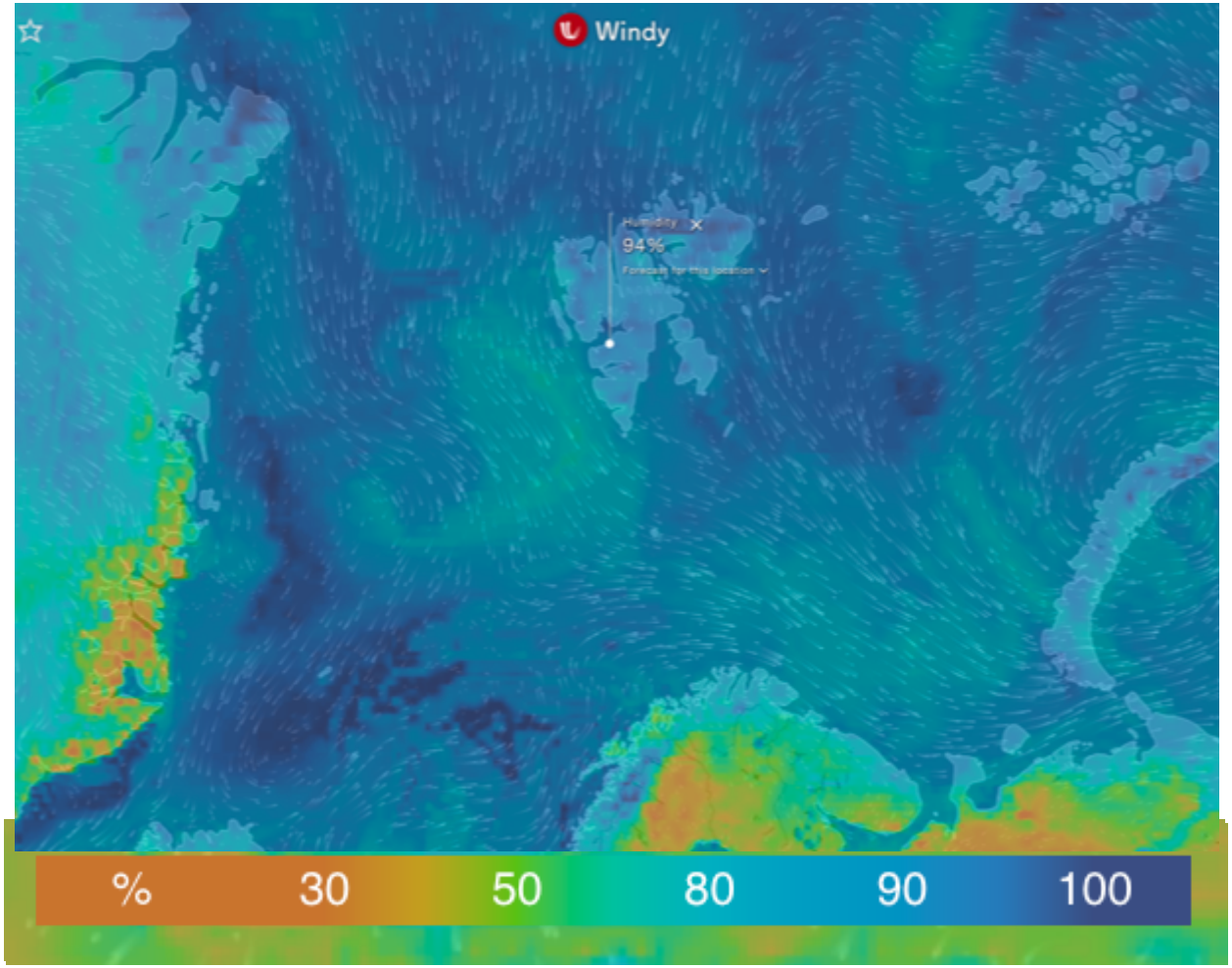
- Longyearbyen/Longyear (ENSB):
  - METAR 120950Z 26015KT 9999 VCFG BKN005 05/03 Q1011 RMK WIND 1400FT 23006KT
  - TAF AMD 120831Z 1208/1306 26012KT 9999 FEW004 PROB40 TEMPO 1208/1306 0500 FG VV002
  - No SIGMET/AIRMET
- Ny-Ålesund/Hamnerabben (ENAS):
  - METAR 120950Z 31008KT 9000 OVC006 02/01 Q1014
  - TAF NIL

Outlook
Sat 10 – Mon 12 June 2017

General Situation Wed 14 June 2017

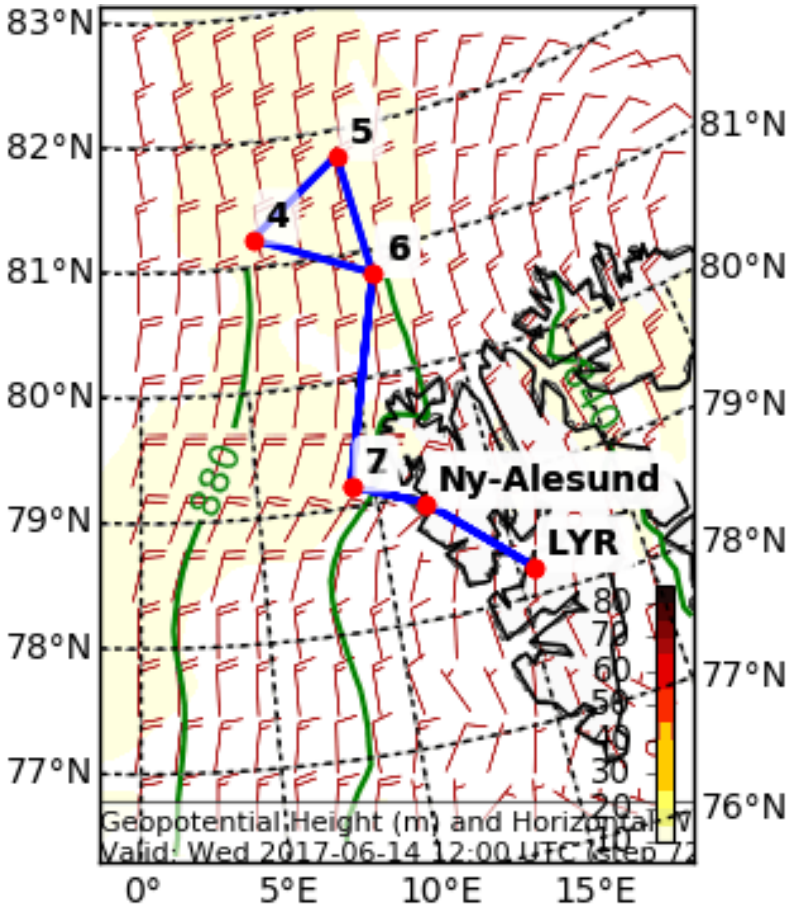


Rel Humid 14 June 2017 @ 12:00



Z / V_{900}

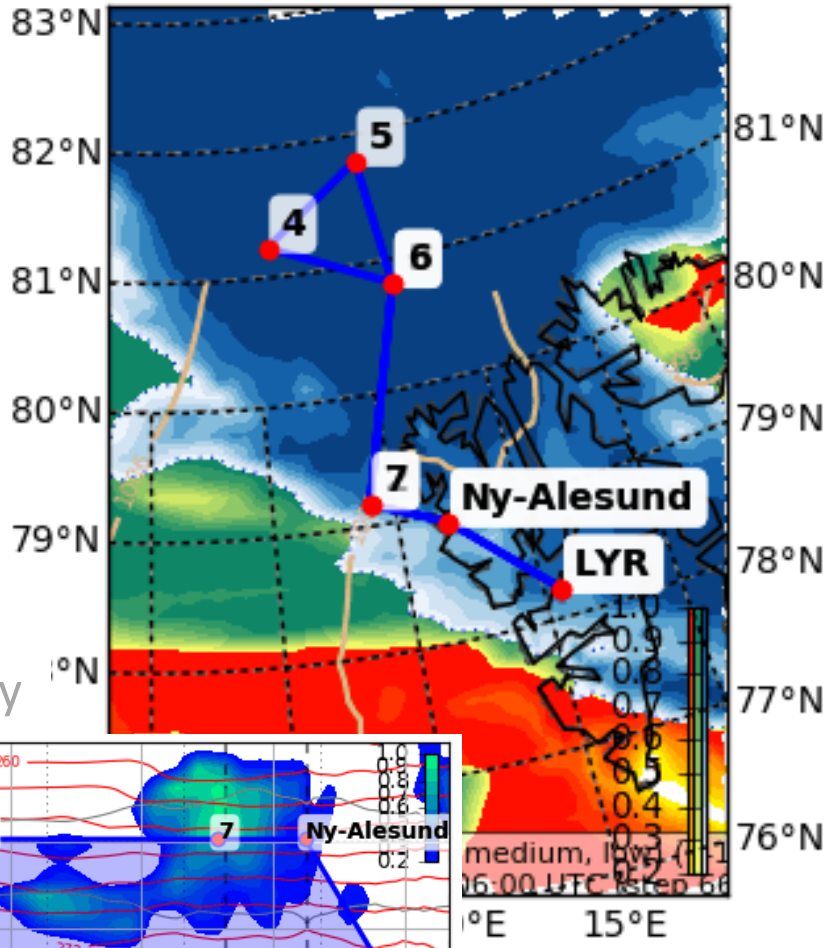
Jun 14
12 UTC



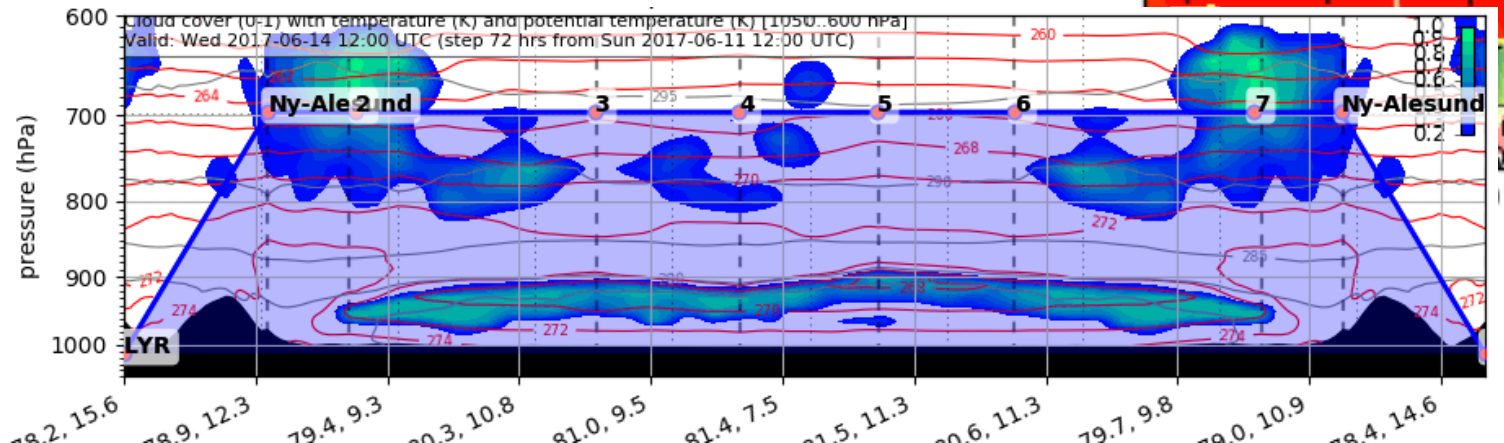
Cloud cover

Jun 14
12 UTC

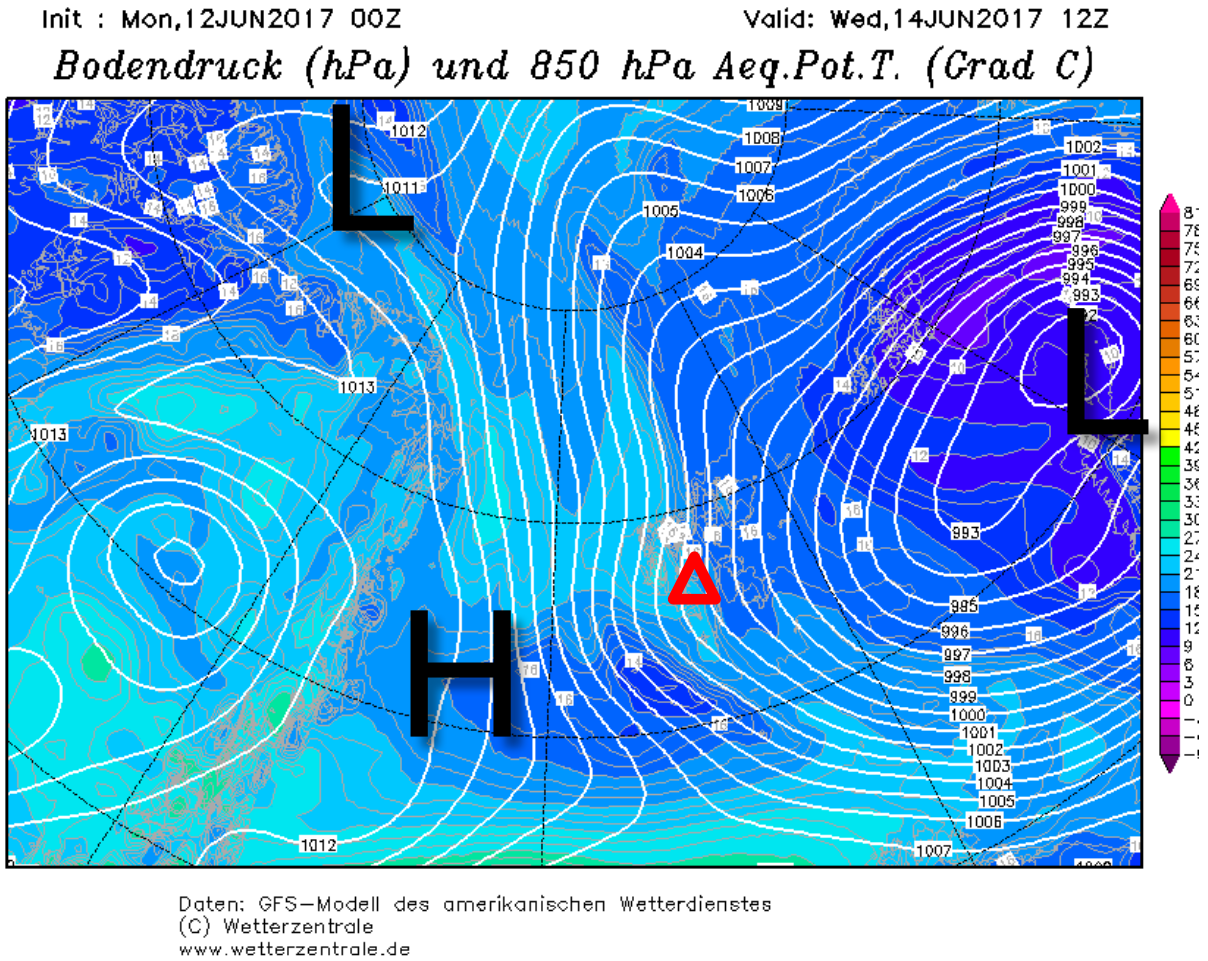
Low = red /
Medium = green /
High = blue



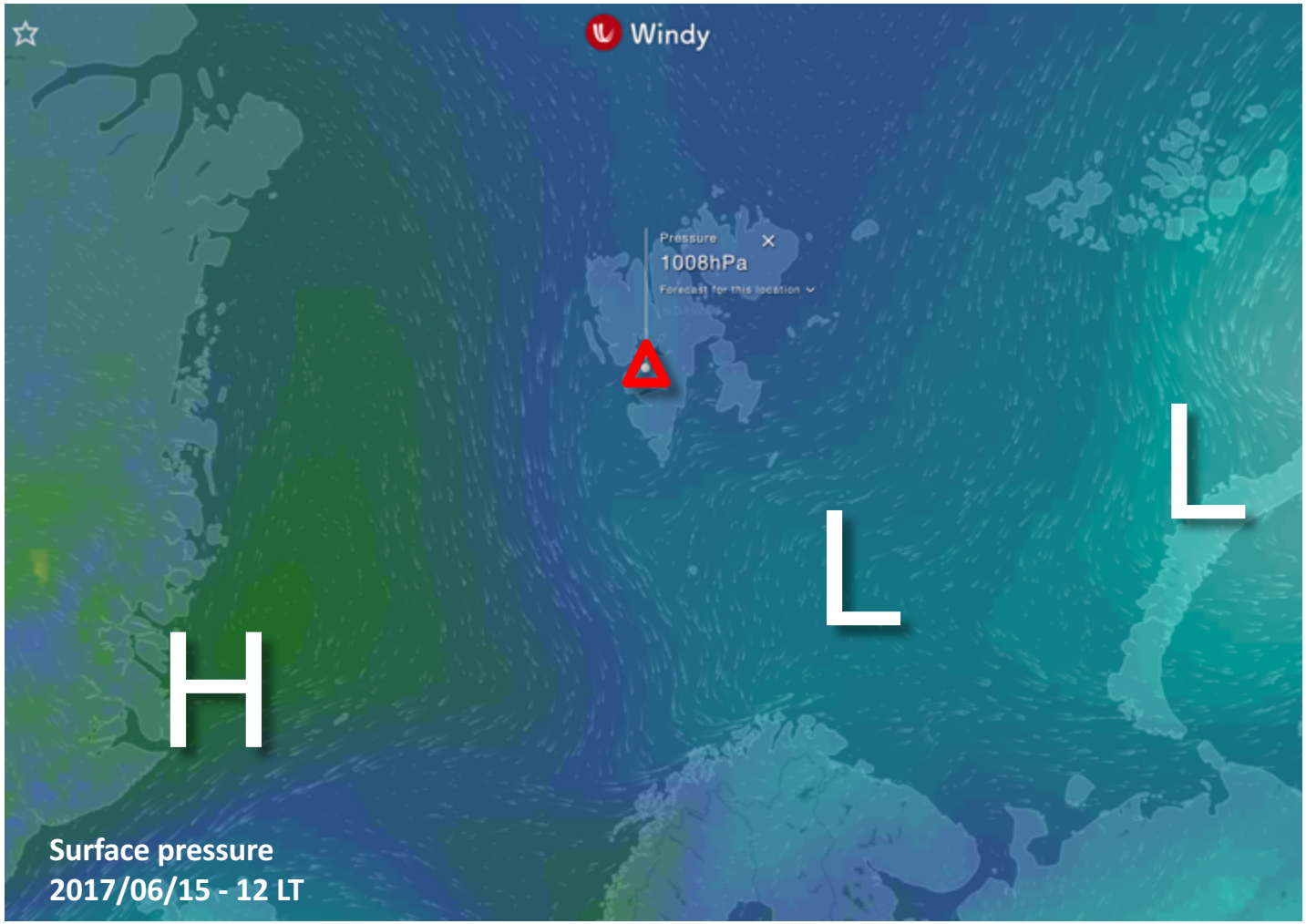
Cloud cover = shading / T (K) = red / θ (K) = grey



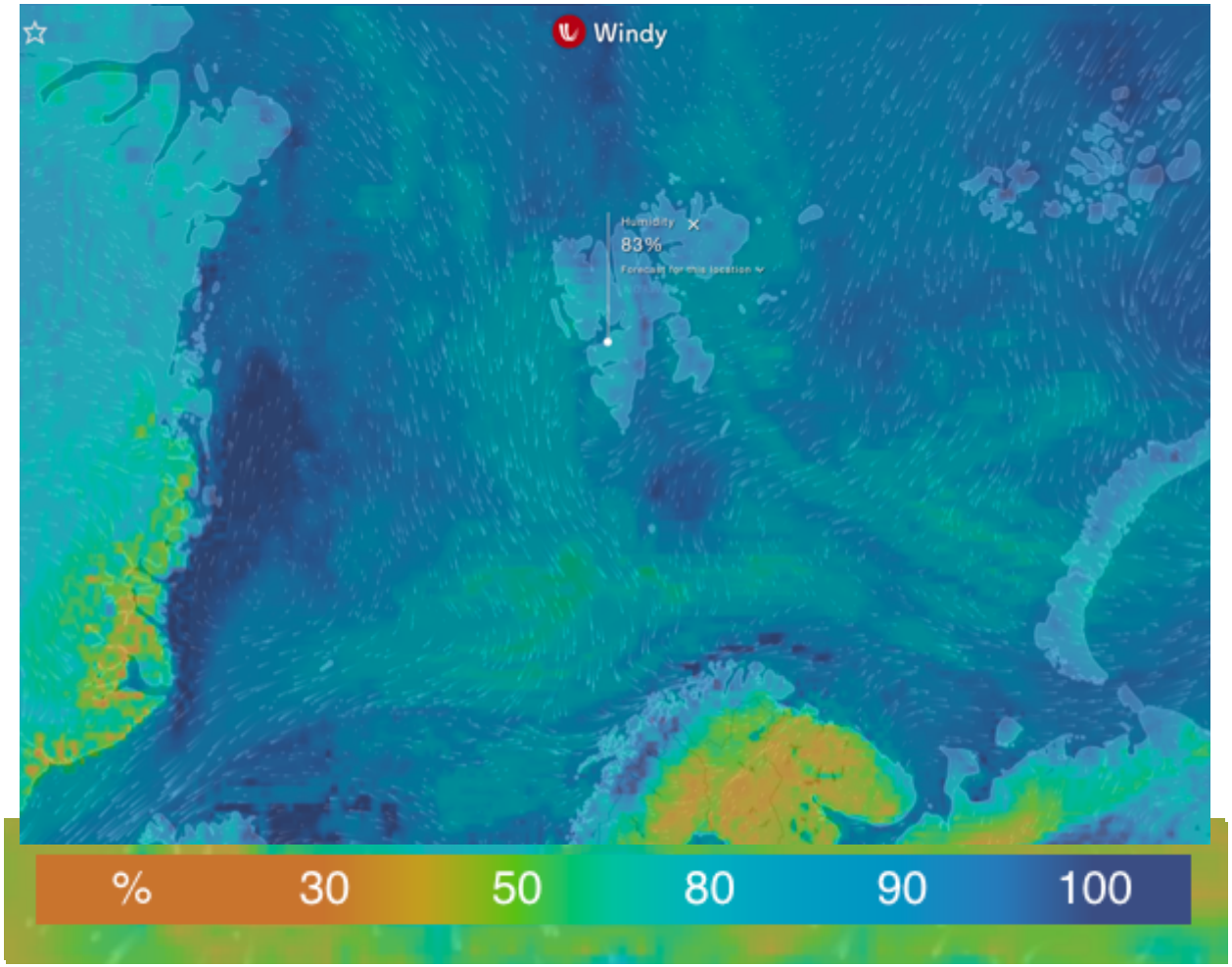
850-hPa Theta Equiv. 14 June 2017 @ 12 UTC



General Situation Thu 15 June 2017



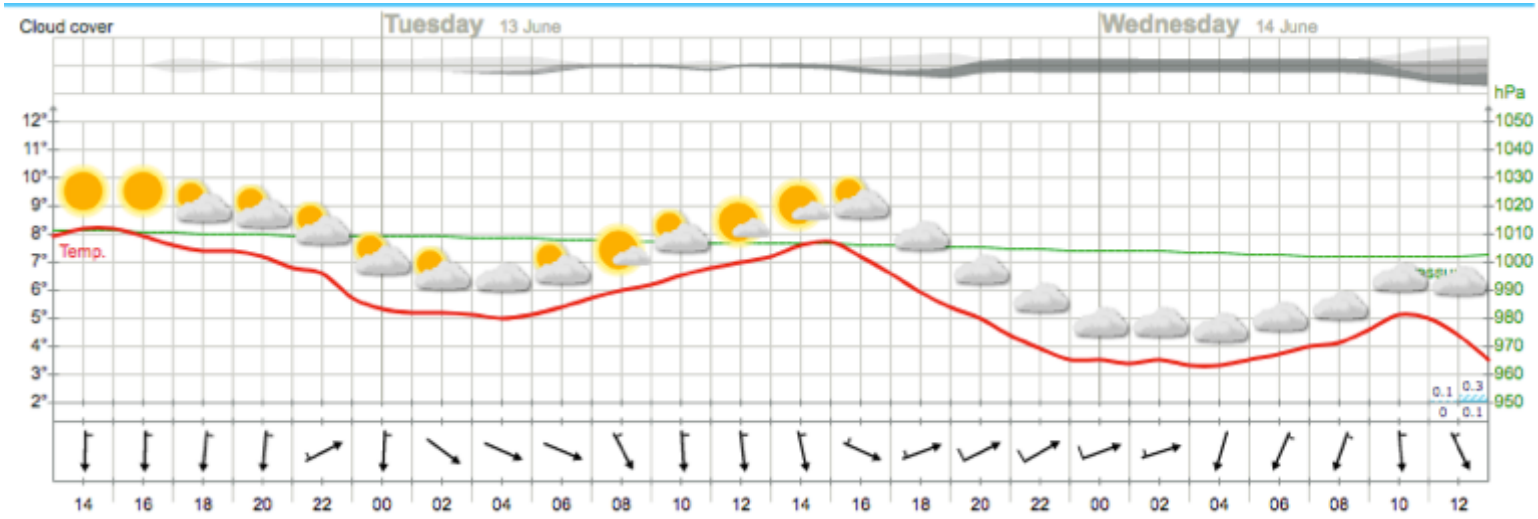
Rel. Humid 15 June 2017 @ 12:00



Meteogram

Jun 12-14

Longyearbyen



Ny-Ålesund