

Weather briefing ACLOUD

From Fri 23 June 2017
for Sat 24 June 2017
and next three days

Summary

A high pressure ridge in the Fram Strait directs NE winds over Longyearbyen today, NW winds off the coast. Generally weak winds over the whole area, but up to NW-N 10 kt at 10,000 ft. Weather pattern mainly persists tomorrow, but winds N-NE.

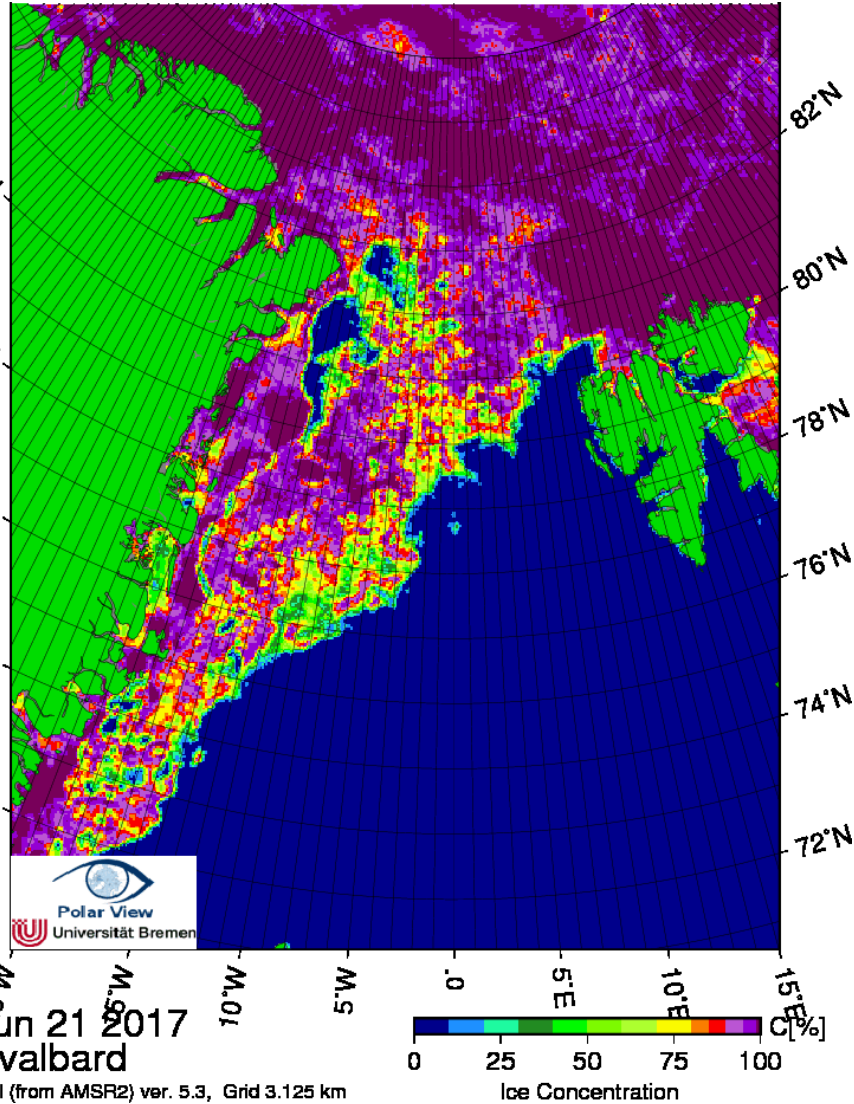
Cloudy or partly cloudy at low levels over Longyearbyen and Ny-Ålesund today, with Isfjorden mostly cloud-free. Low-level clouds out west. High-level clouds moving fast south along the western coast today and southeasterly tomorrow, over Ny-Ålesund around 15 UTC both days.

Low chances of fog and precipitation both days.

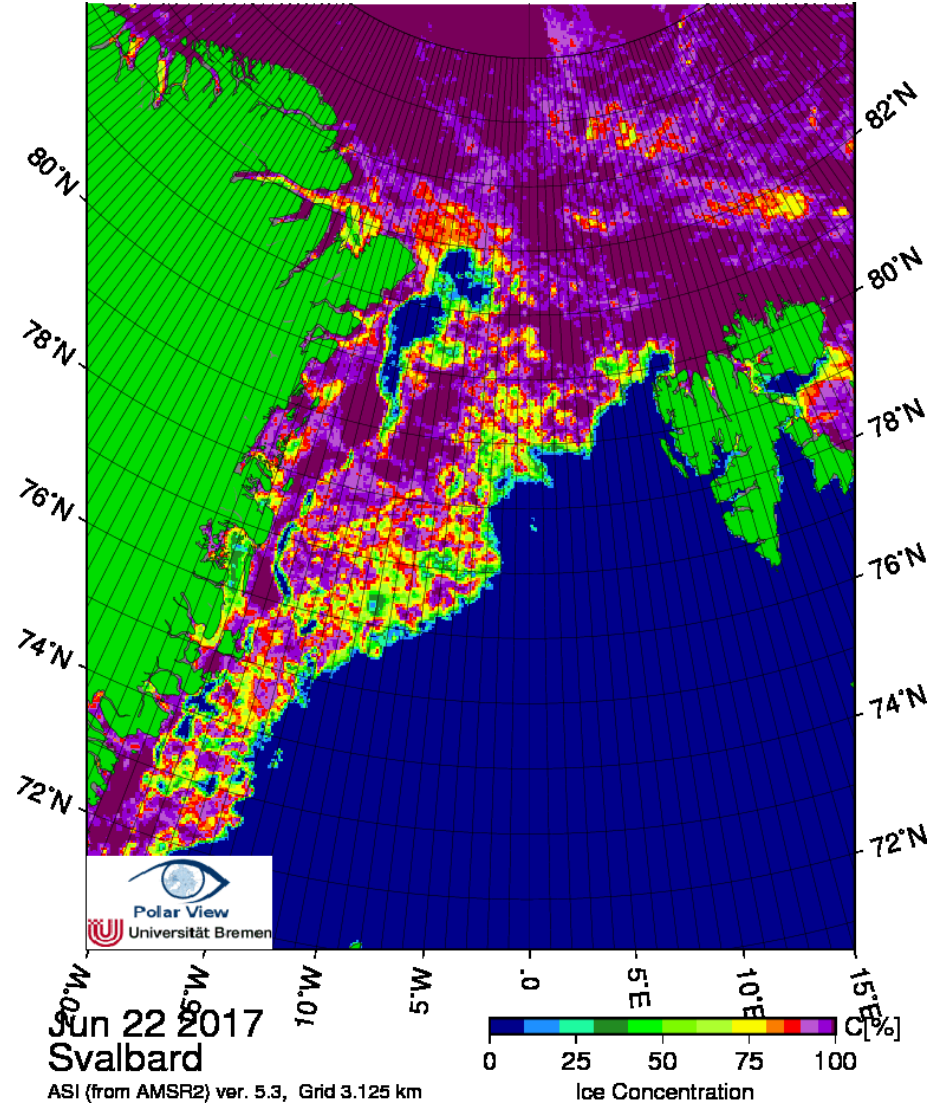
Observations and nowcast
Wed 21 – Fri 23 June 2017

Sea ice concentration

Wed Jun 21



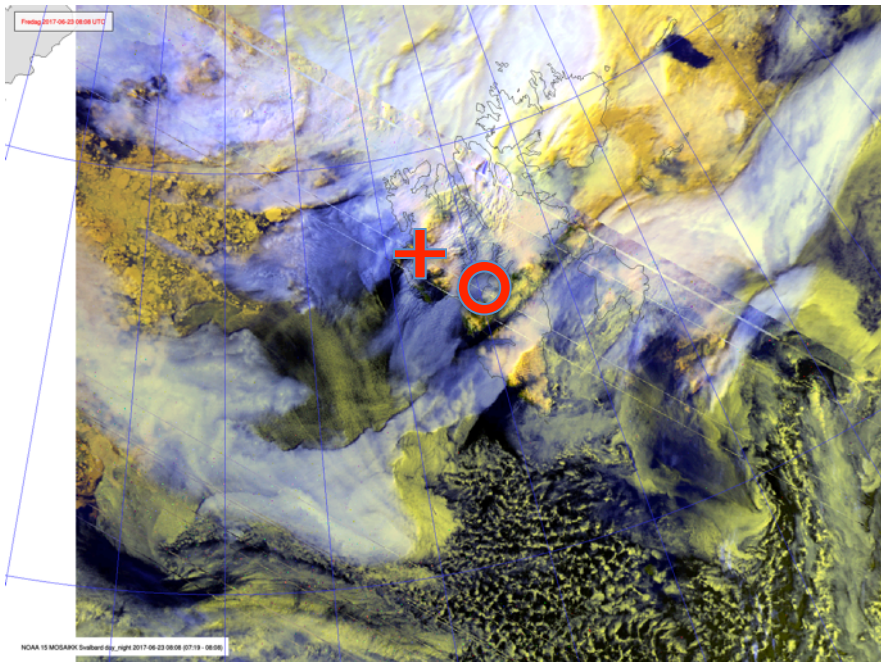
Thu Jun 22



Satellite images

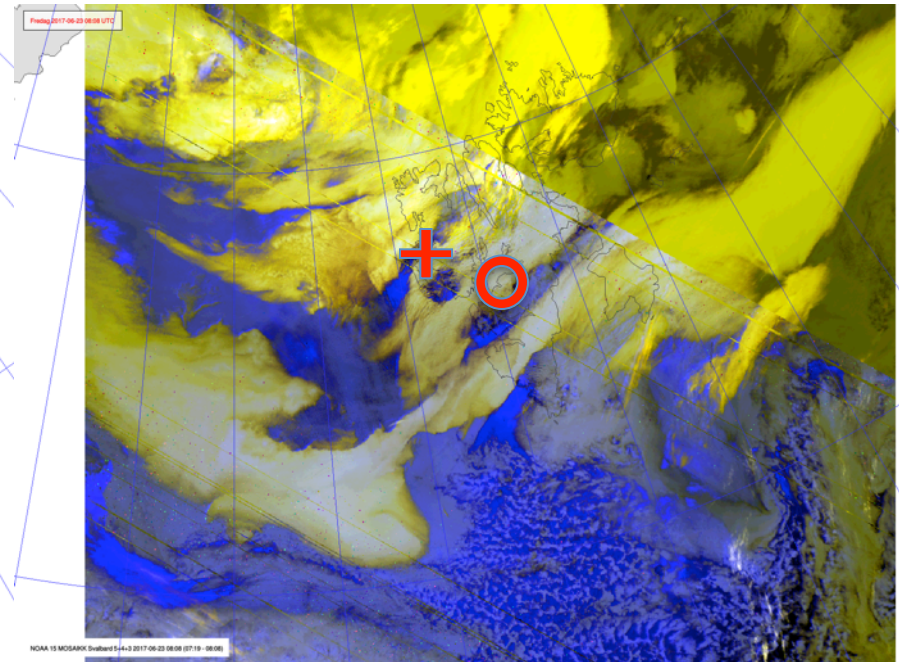
Fri Jun 23
08:08 UTC

+ Ny-Ålesund
○ Longyearbyen



VIS + IR

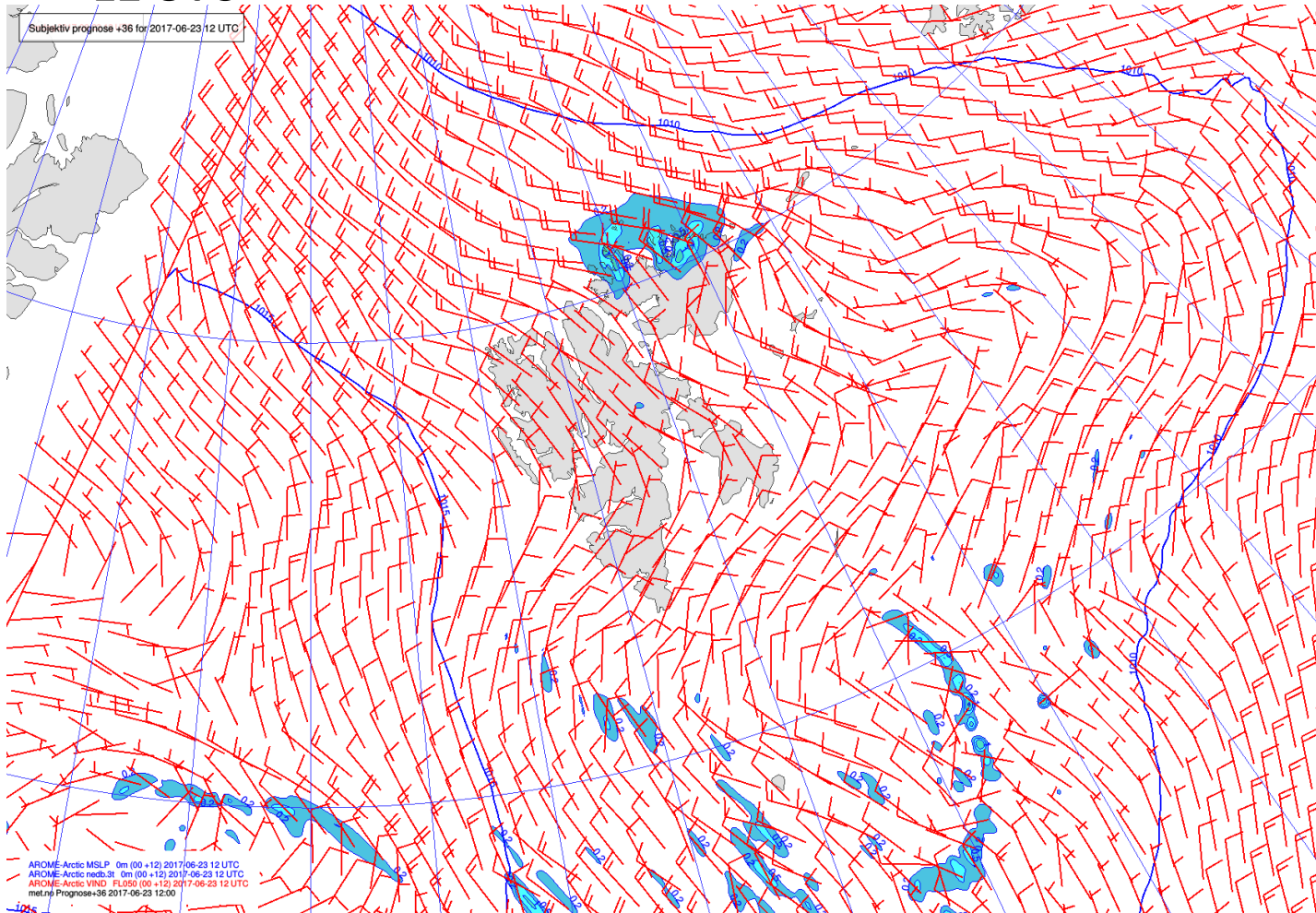
NOAA-19



IR 5+4+3

MSLP / v_{FL050} / Fronts / Precipitation

Fri Jun 23
12 UTC

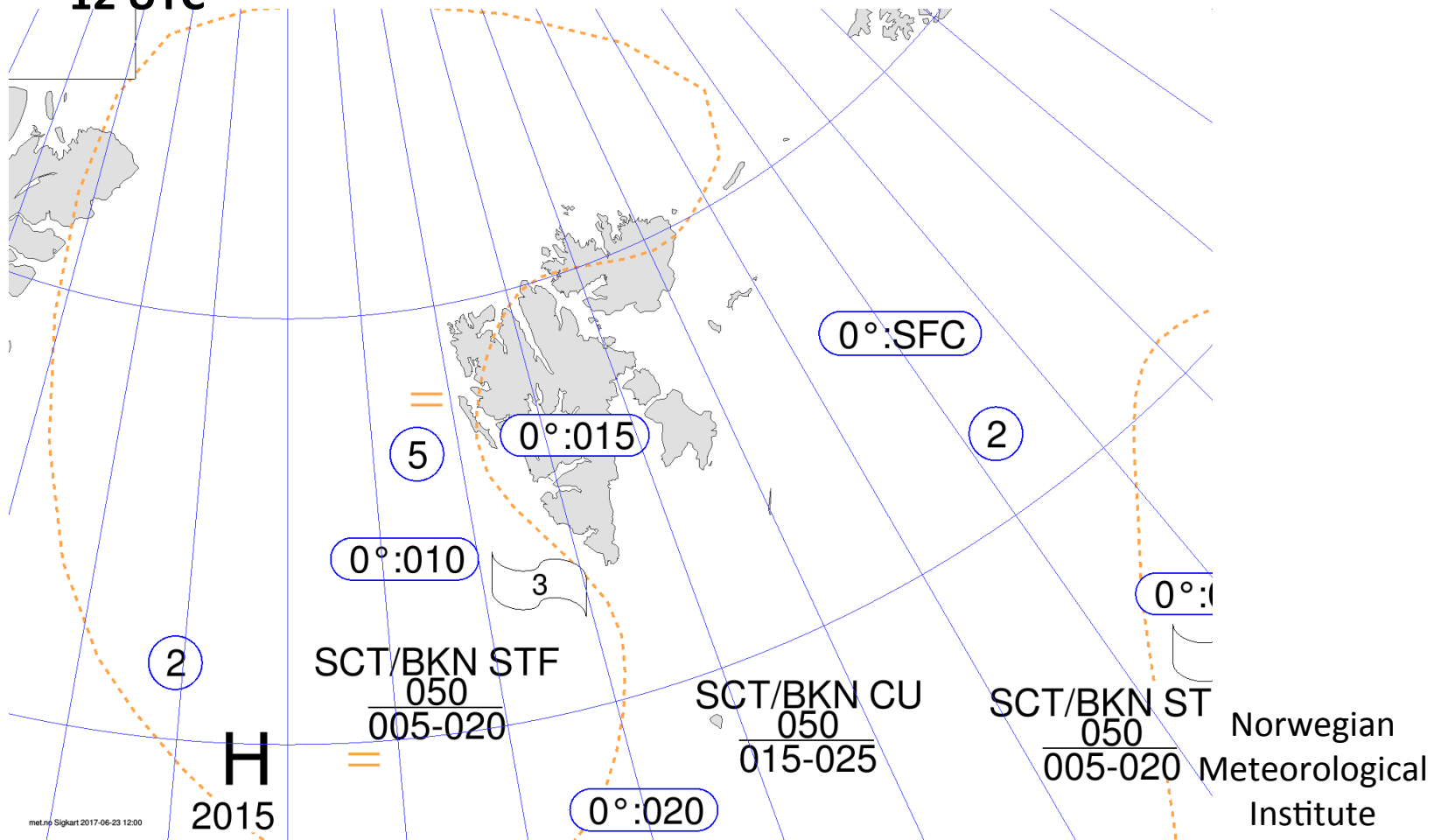


AROME-
Arctic

Significant weather chart

Fri Jun 23

12 UTC



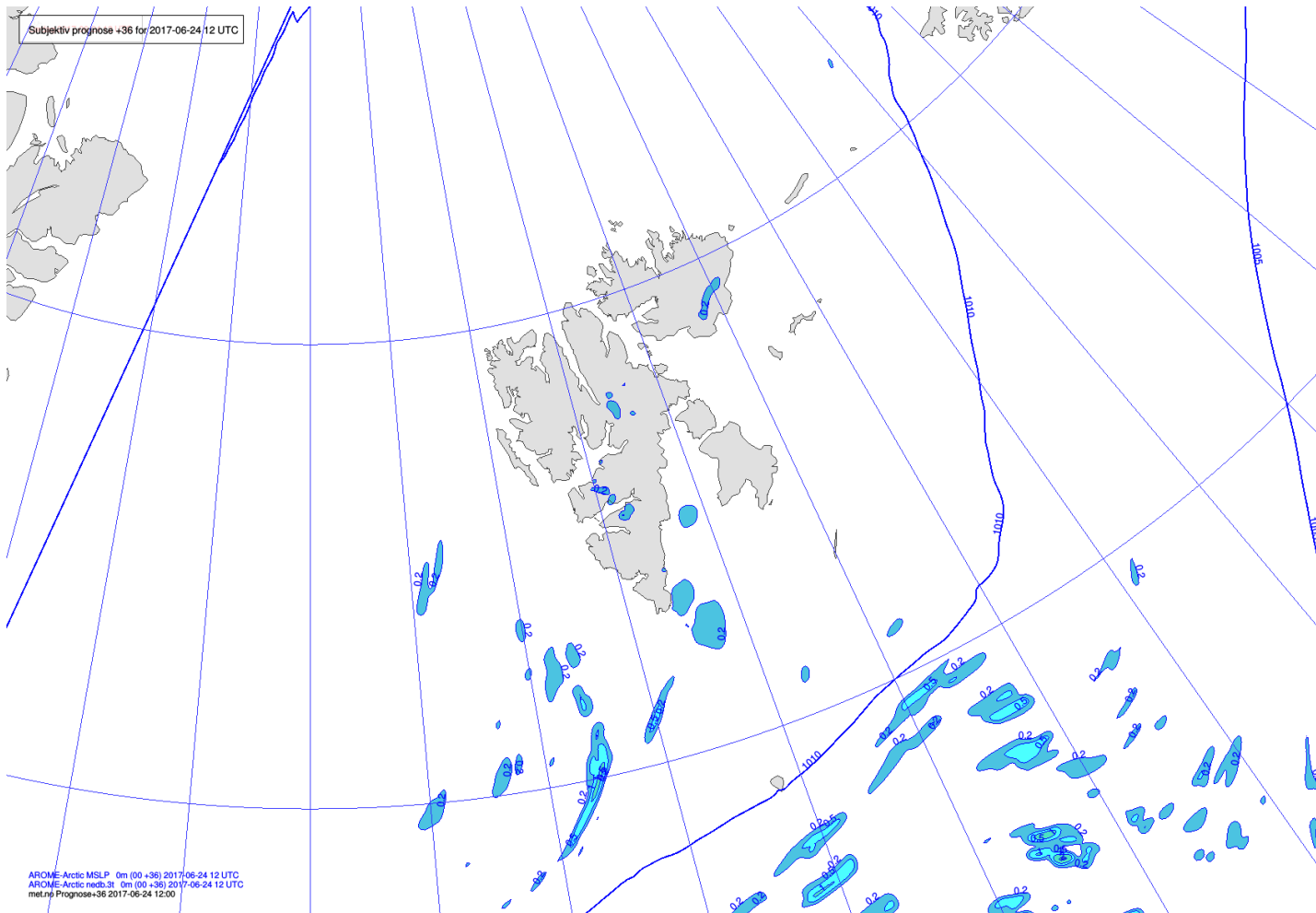
METAR and TAF

- Longyearbyen/Longyear (ENSB):
 - METAR 230720Z 26005KT 9999 FEW015 BKN022 05/00 Q1011 NOSIG RMK WIND 1400FT VRB02KT
 - TAF 230500Z 2306/2406 28008KT 9999 FEW015 BKN030
 - No SIGMET/AIRMET
- Ny-Ålesund/Hamnerabben (ENAS):
 - METAR 230550Z 28009KT 9999 SCT047 BKN074 04/00 Q1012
 - NOTAM DAILY 0600-1600 UNMANNED ACFT WILL TAKE PLACE IN NY ALESUND AREA PSN 7856N 01231E, RADIUS 5NM, LOWER LIM: GND, UPPER LIM: 400FT AMSL
- Svea (ENSA):
 - METAR NIL
 - NOTAM DAILY 1800-1900 RUSSIAN ROCKET IMPACT AREA 7559N 02126E - 7550N 02202E - 7531N 02256E - 7521N 02252E - 7515N 02213E - 7524N 02129E - 7536N 02051E - 7550N 02030E, LOWER LIM: GND, UPPER LIM: UNL

Forecast
Sat 24 June 2017

MSLP / Fronts / Precipitation

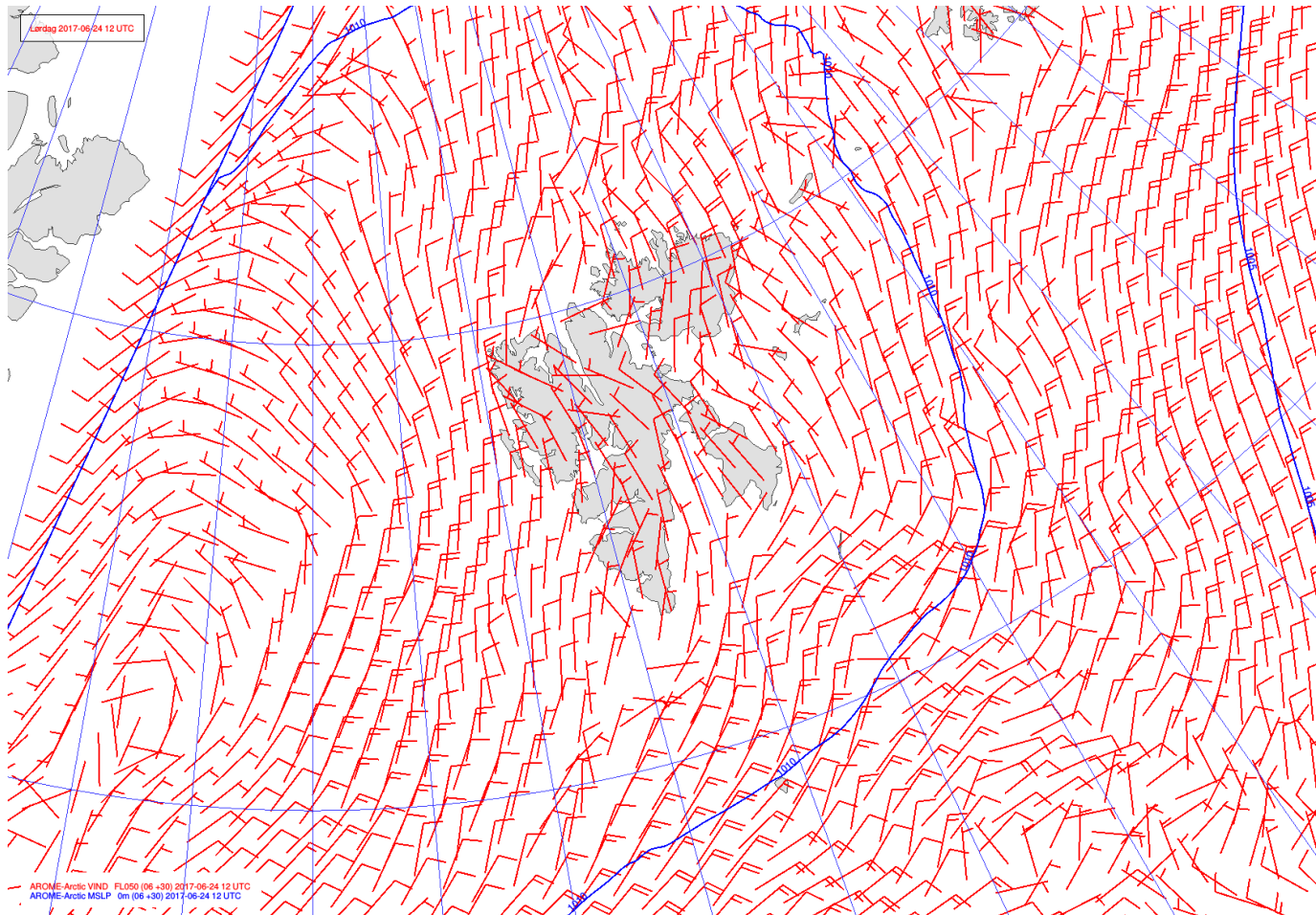
Sat Jun 24
12 UTC



AROME-
Arctic

MSLP / V_{FL050}

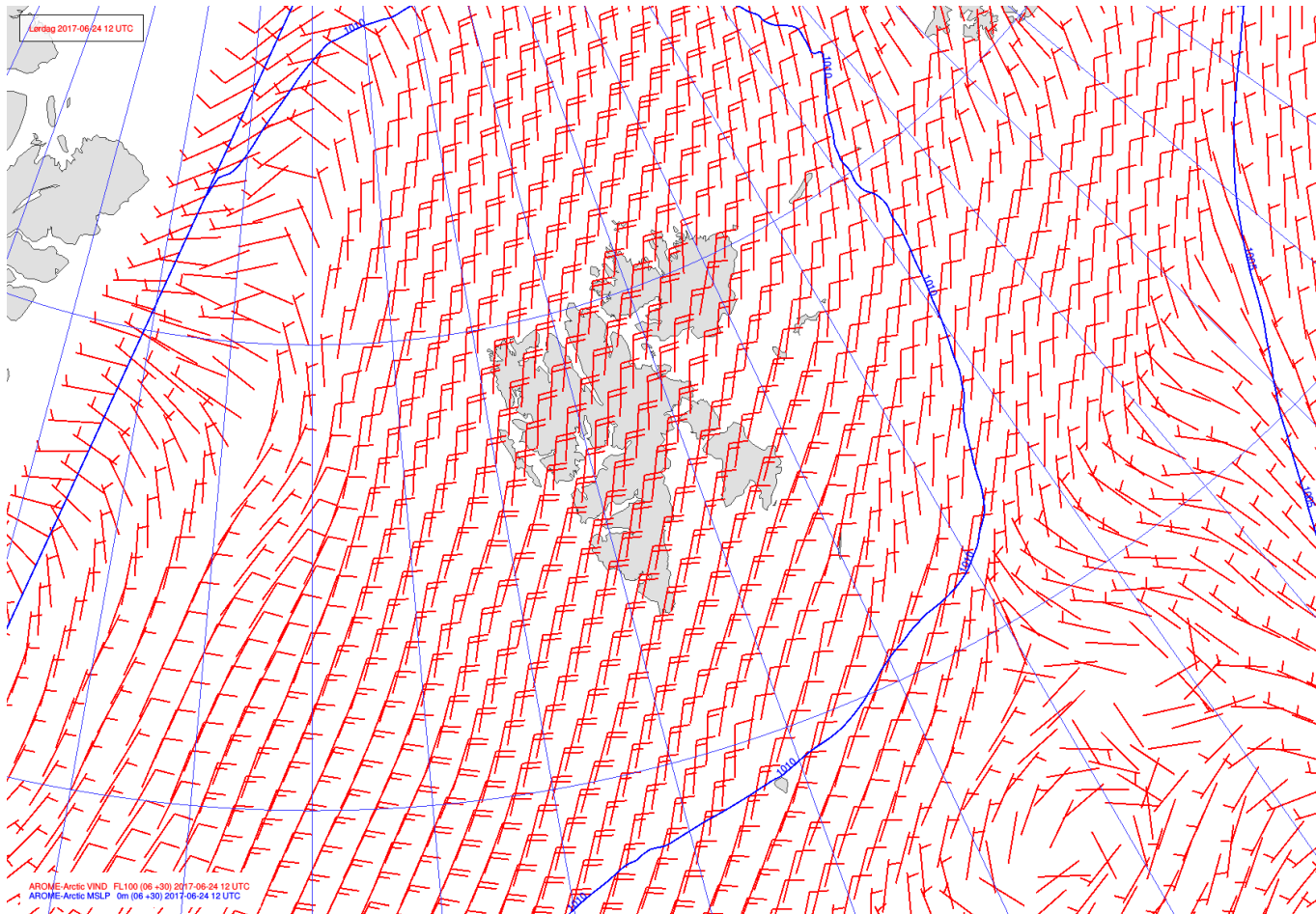
Sat Jun 24
12 UTC



AROME-
Arctic

MSLP / V_{FL100}

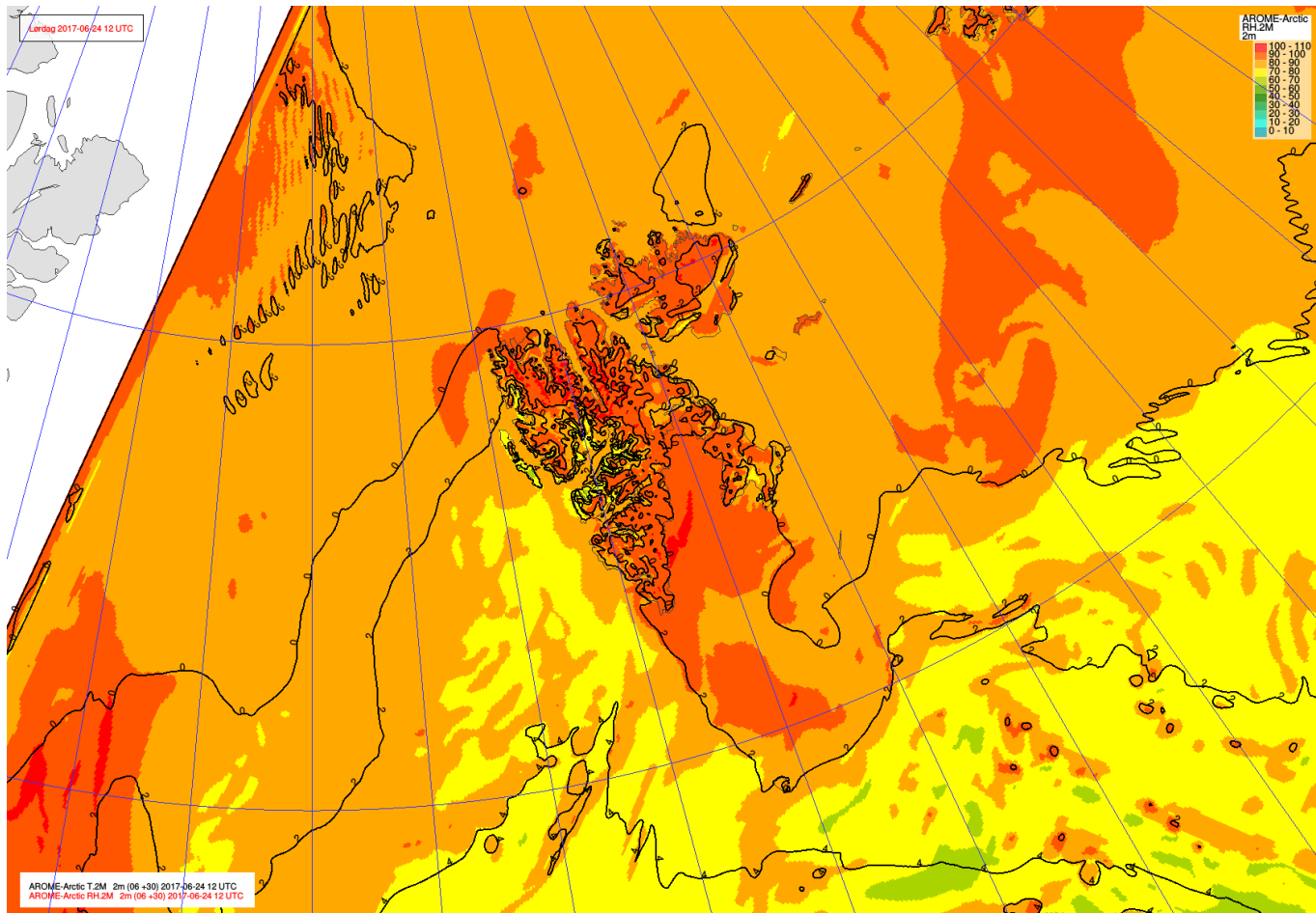
Sat Jun 24
12 UTC



AROME-
Arctic

T_{2m} / RH_{2m}

Sat Jun 24
12 UTC



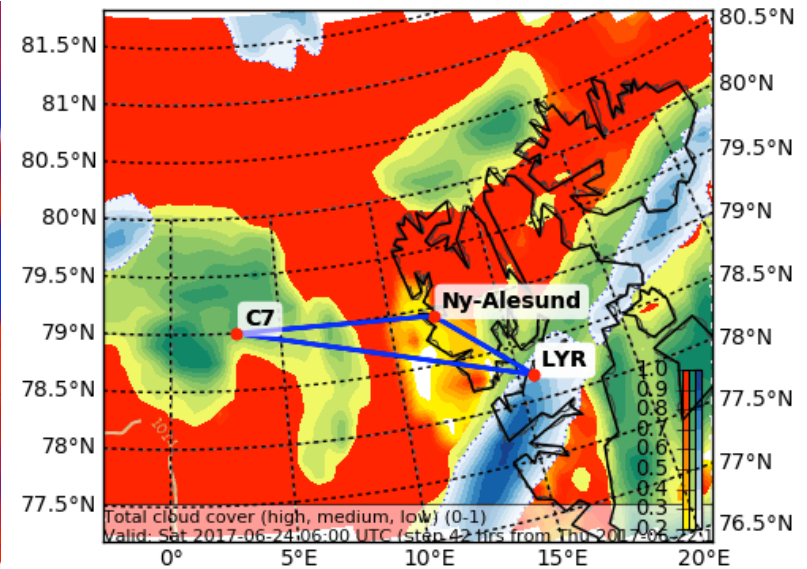
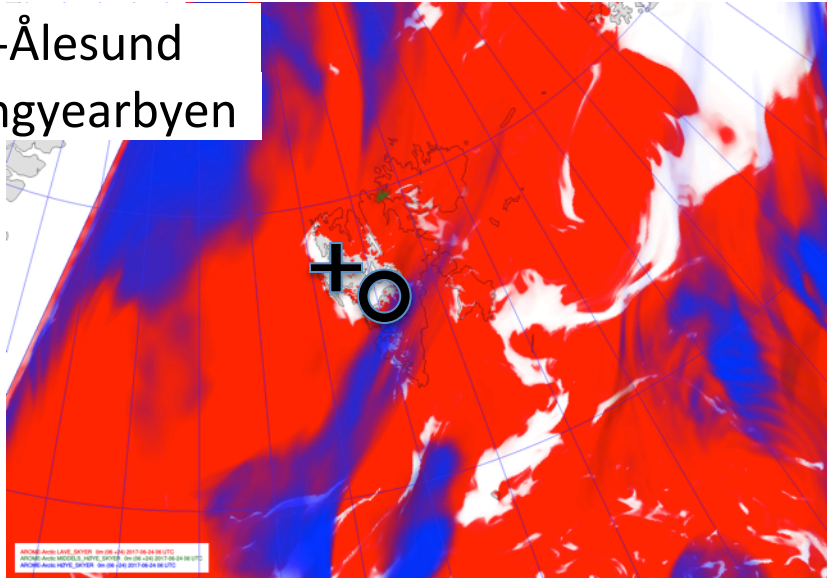
AROME-
Arctic

Sat Jun 24
06 UTC

Cloud cover

Low / Mid / High

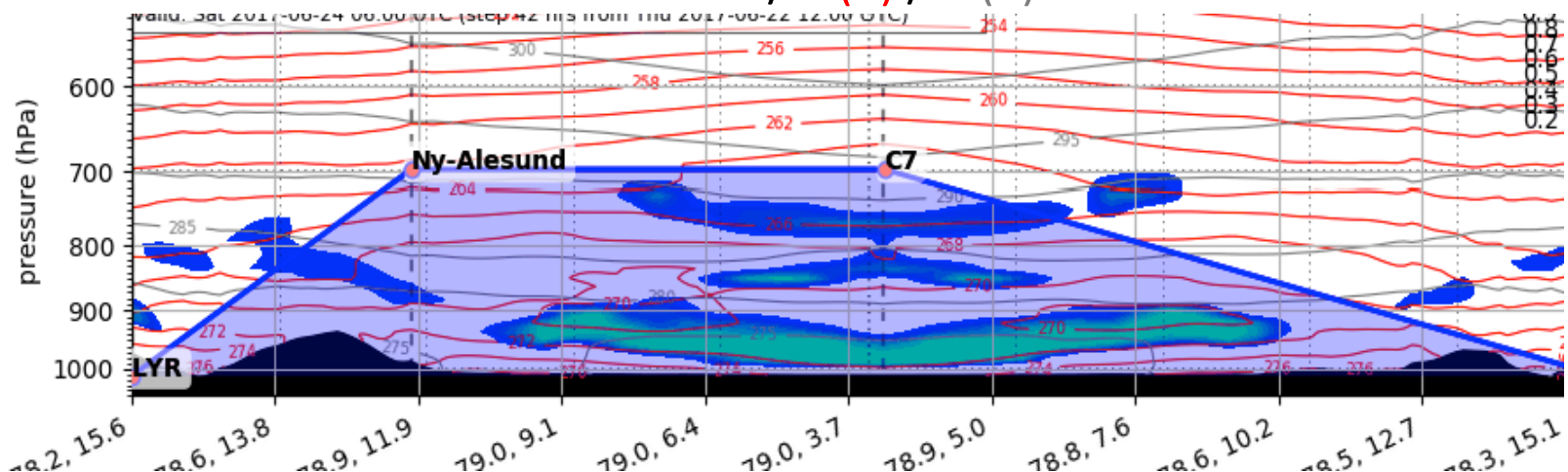
+ Ny-Ålesund
○ Longyearbyen



AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF

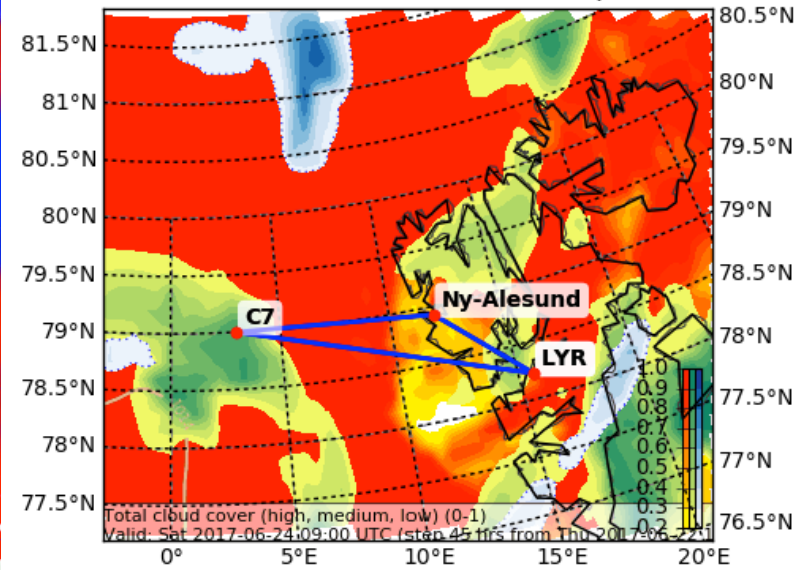
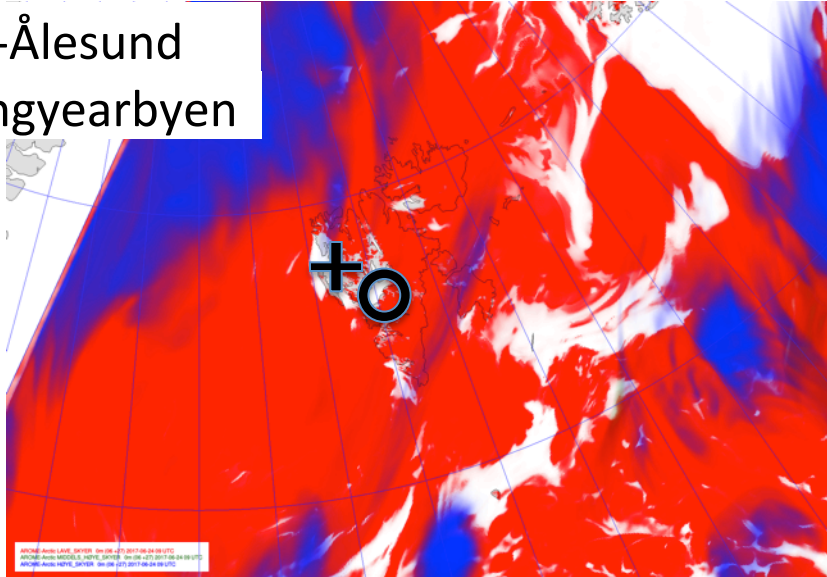


Sat Jun 24
09 UTC

Cloud cover

Low / Mid / High

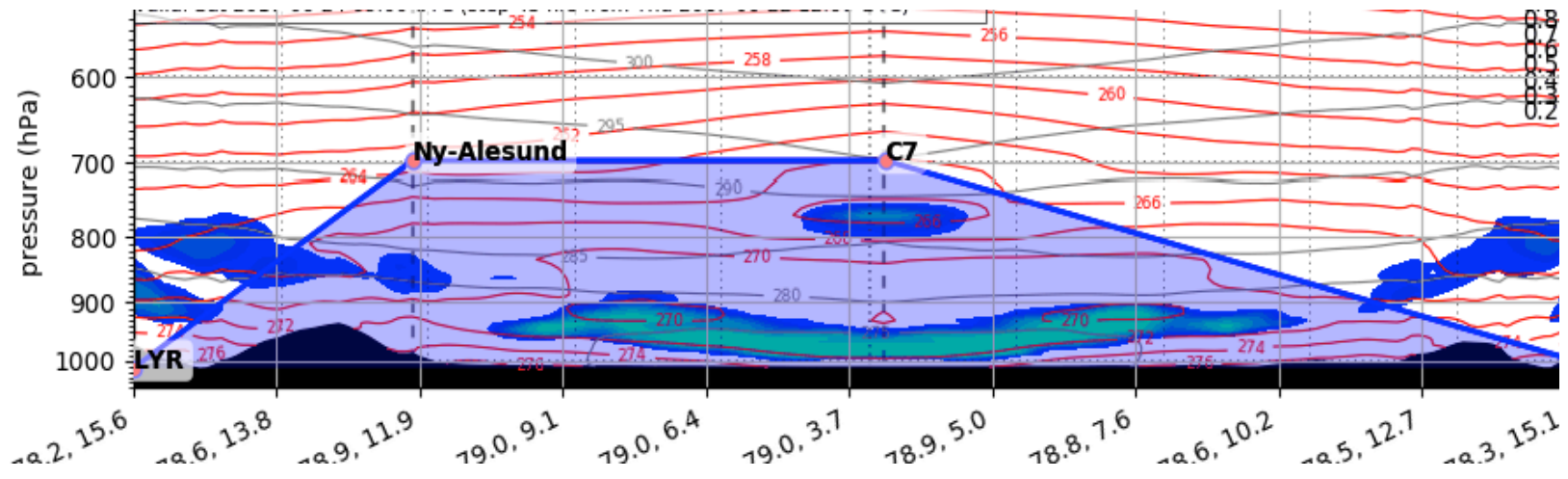
+ Ny-Ålesund
○ Longyearbyen



AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF

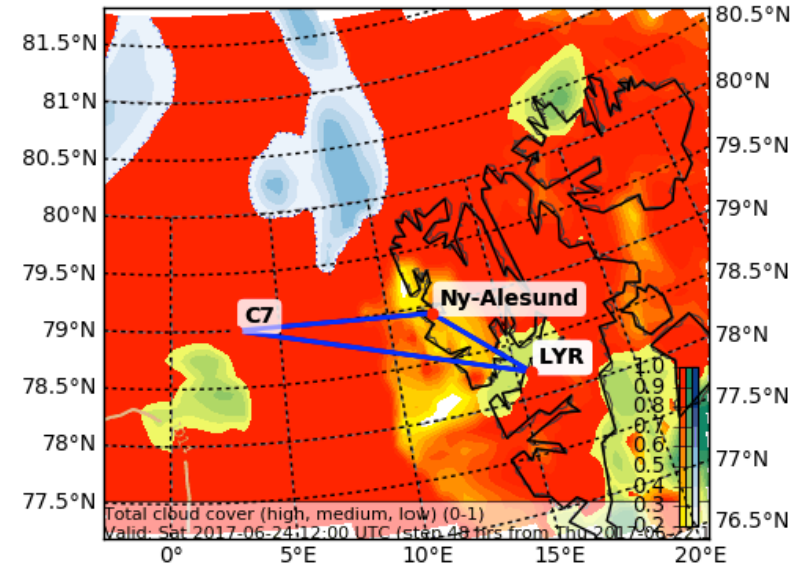
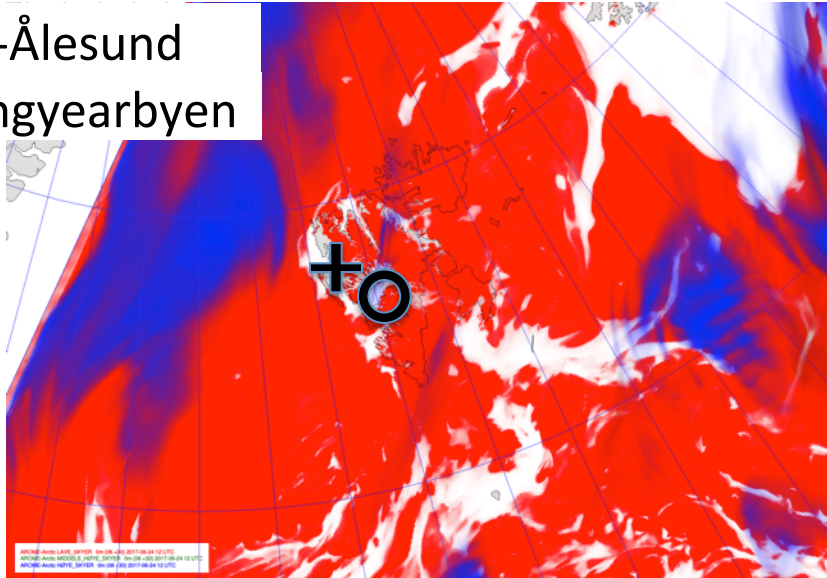


Sat Jun 24
12 UTC

Cloud cover

Low / Mid / High

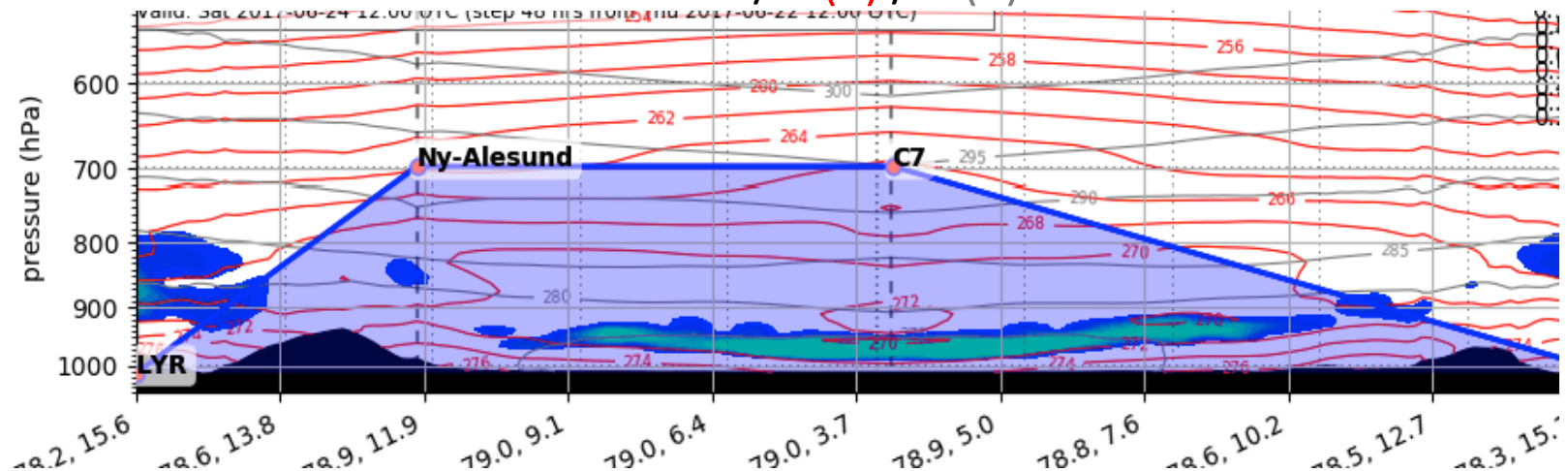
+ Ny-Ålesund
○ Longyearbyen



AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF

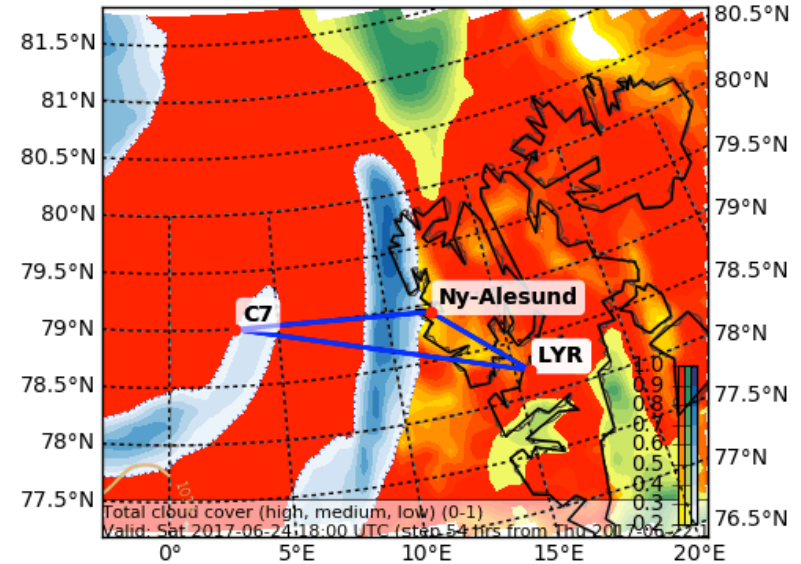
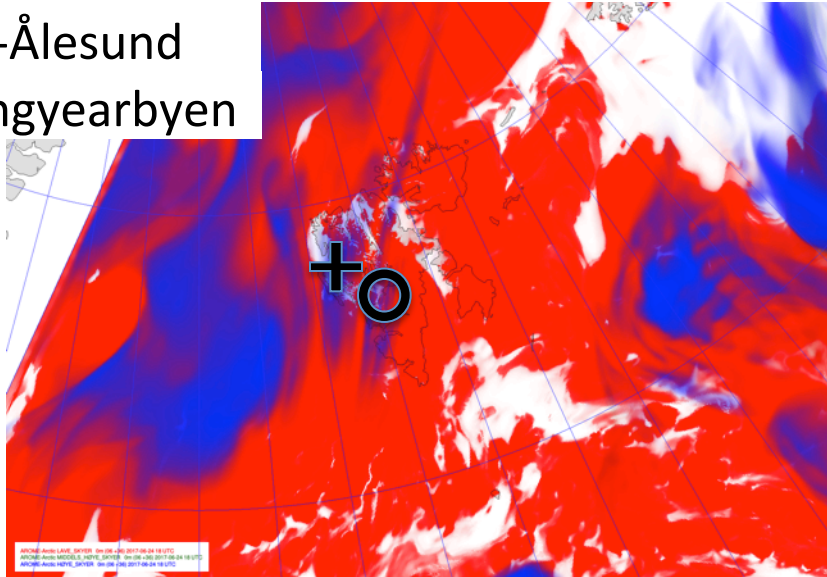


Sat Jun 24
18 UTC

Cloud cover

Low / Mid / High

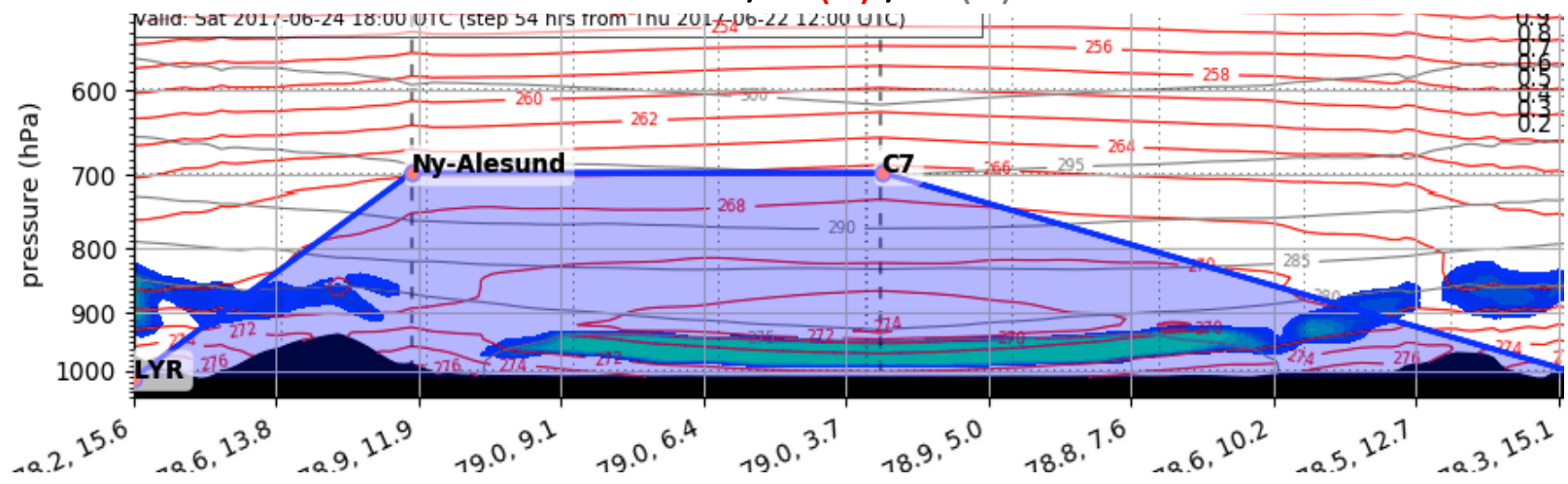
+ Ny-Ålesund
○ Longyearbyen



AROME-Arctic

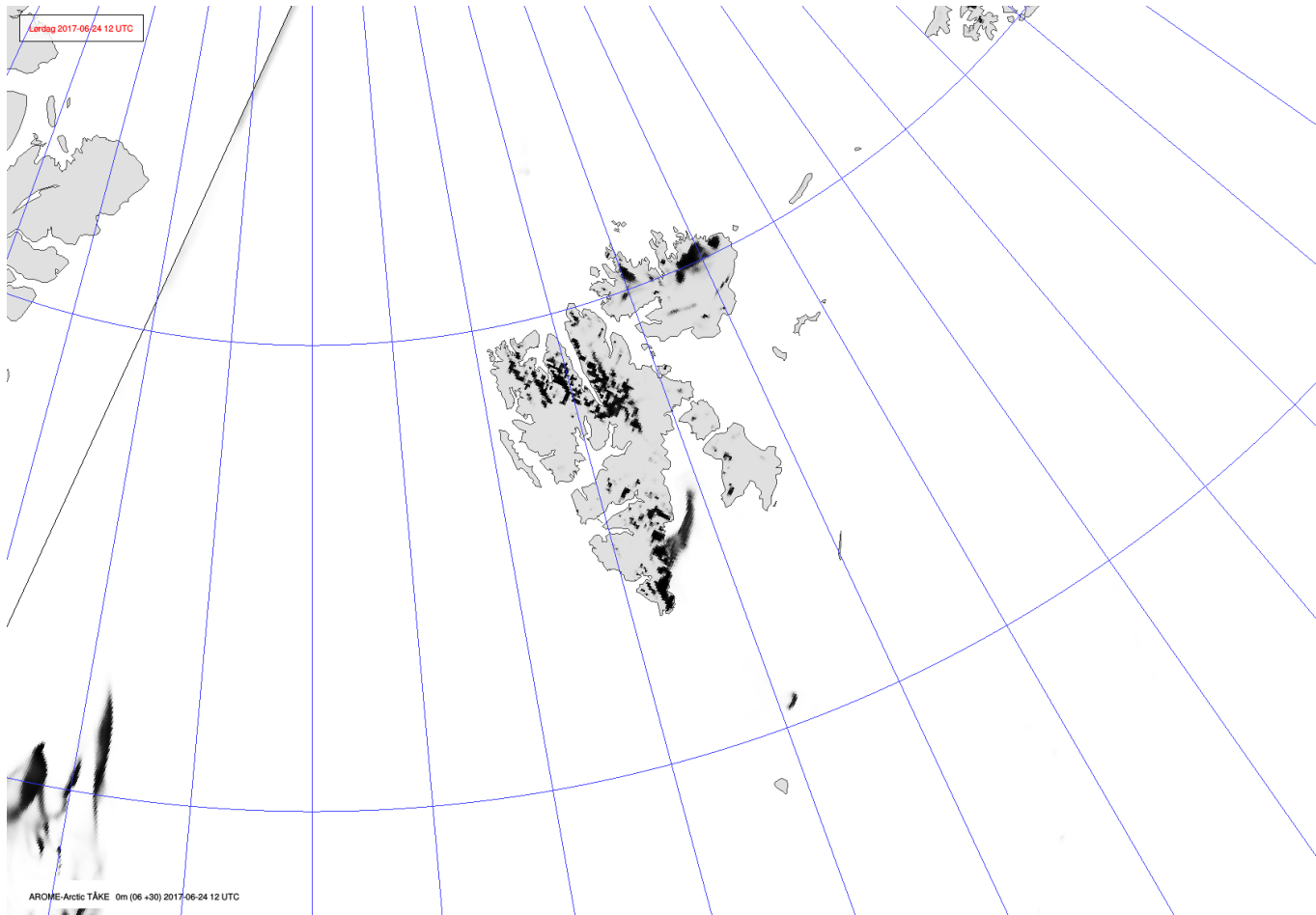
Cloud cover / T (K) / θ (K)

ECMWF



Fog

Sat Jun 24
12 UTC

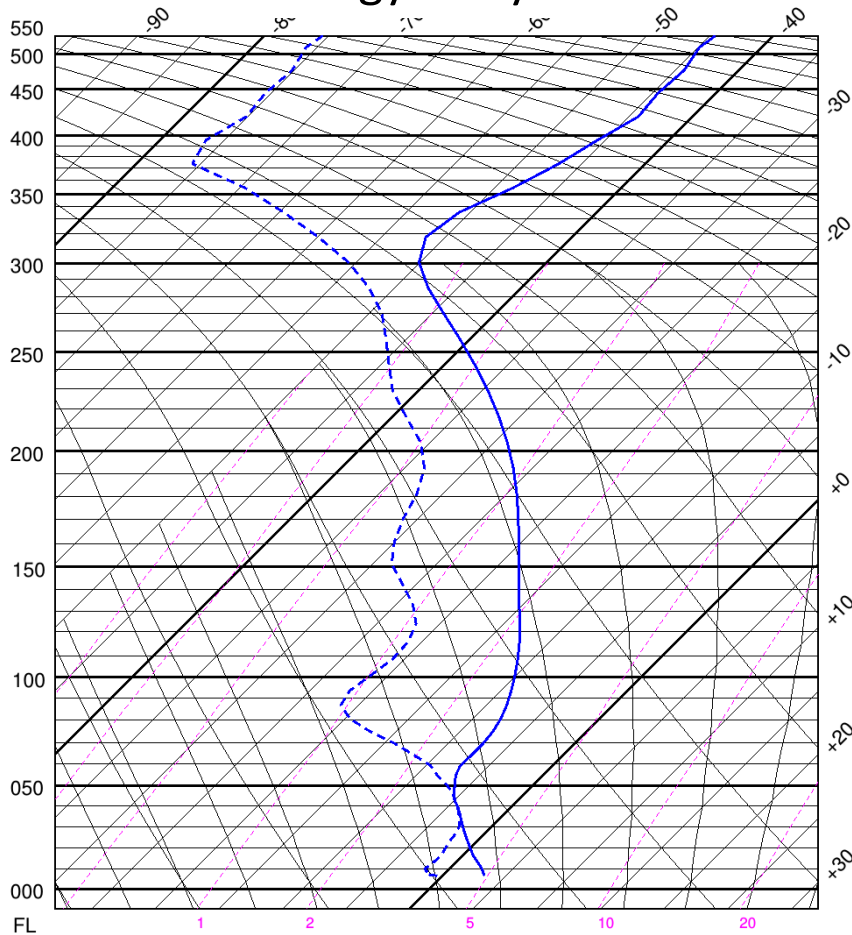


AROME-
Arctic

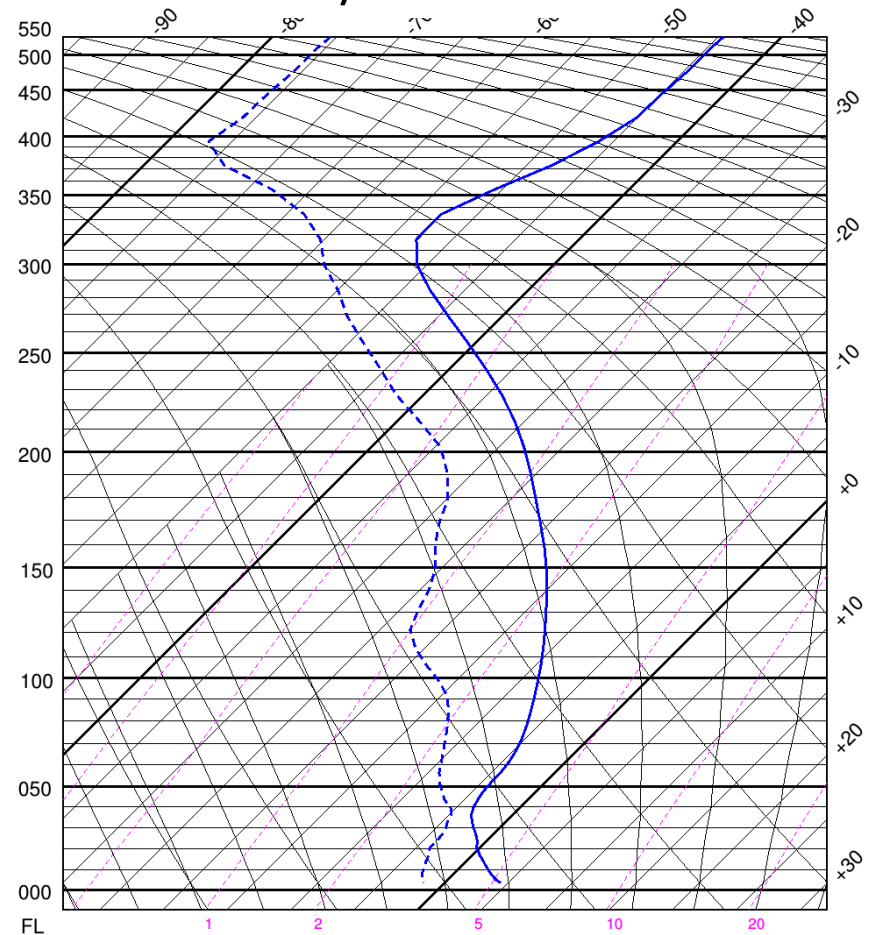
Vertical profiles

Sat Jun 24
12 UTC

Longyearbyen



Ny-Ålesund



AROME-Arctic

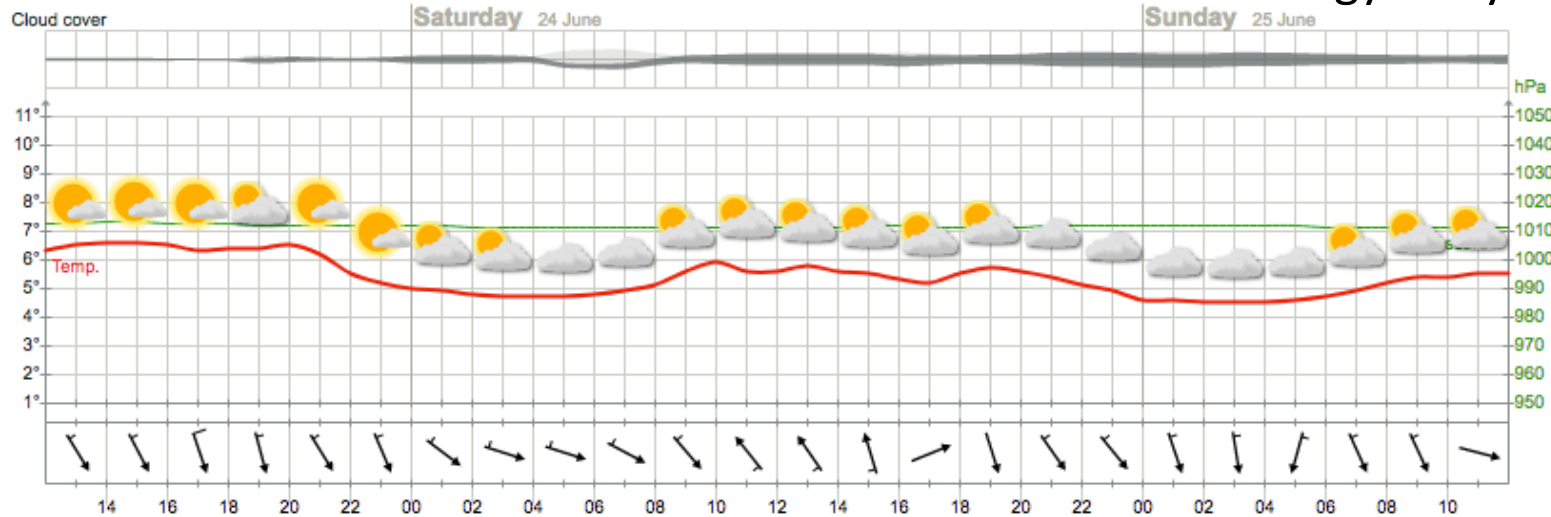
Outlook

Sun 25 – Tue 27 June 2017

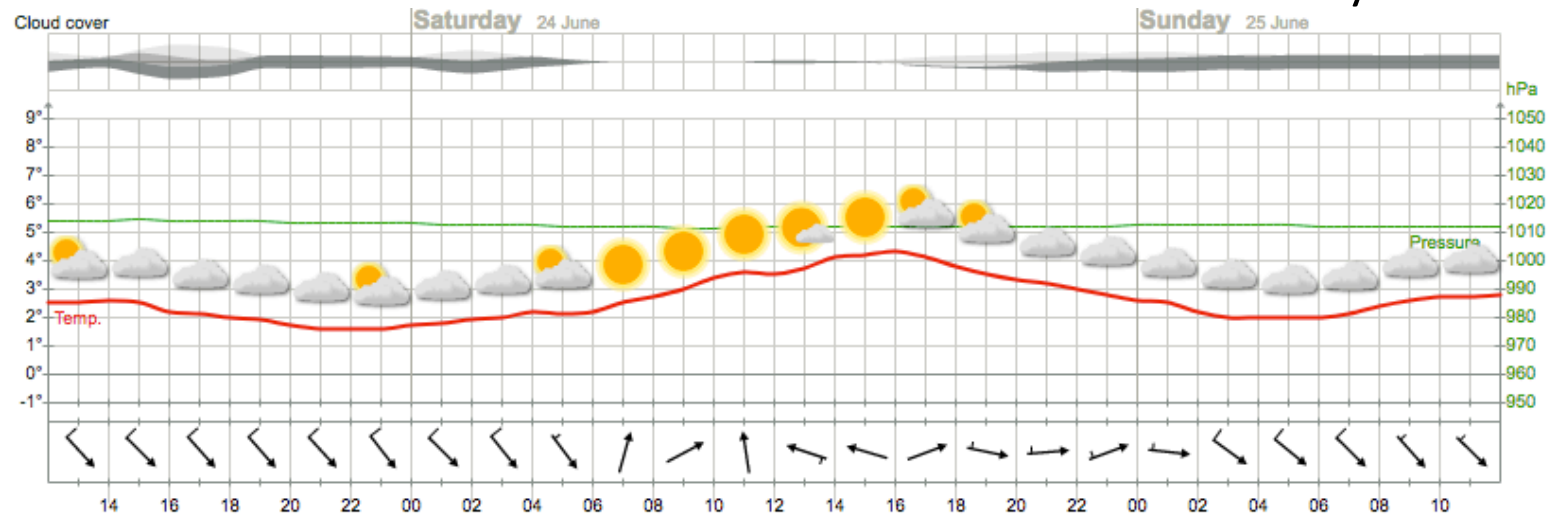
Meteogram

Fri Jun 23 – Sun Jun 25

Longyearbyen

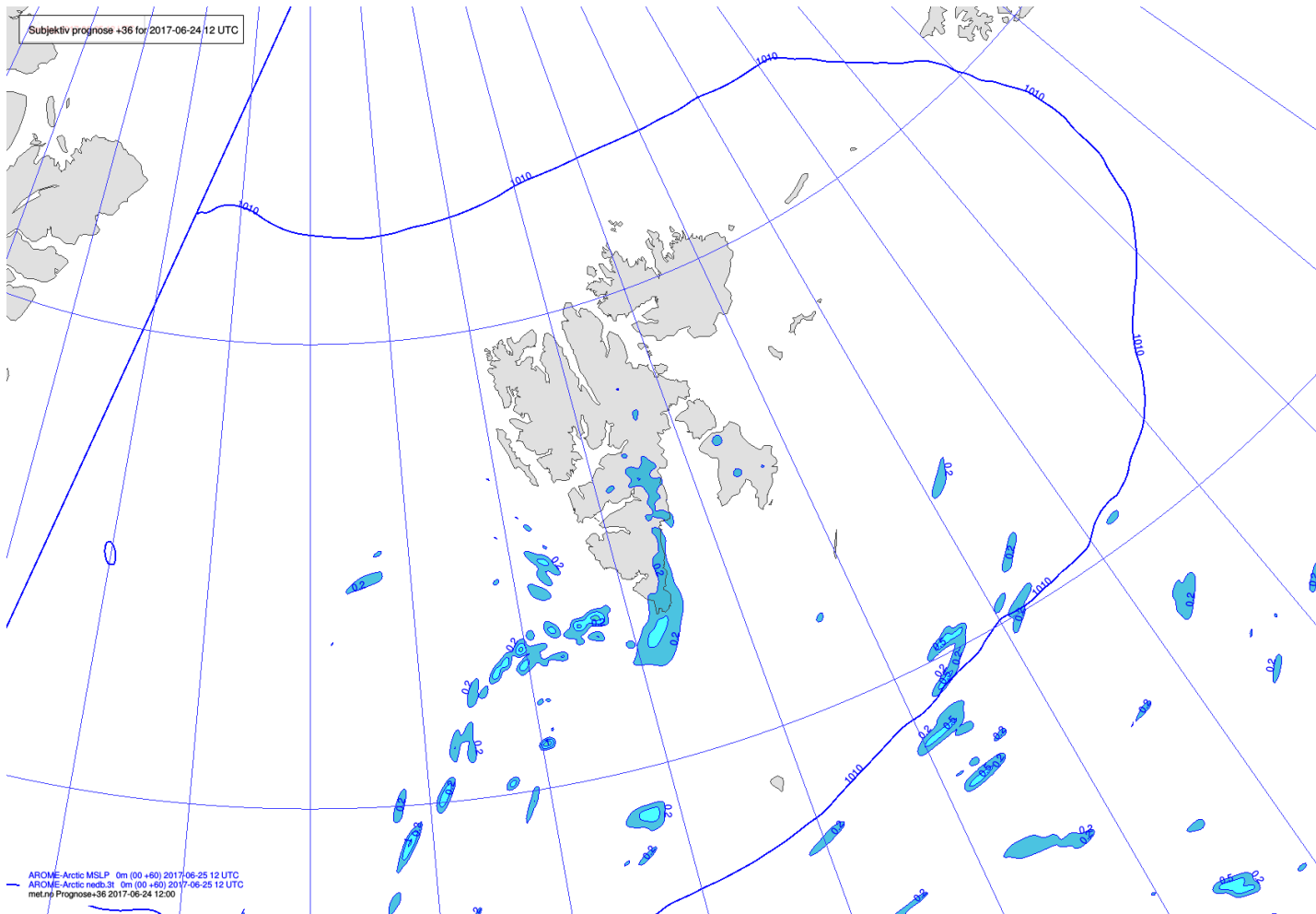


Ny-Ålesund



MSLP/ Precipitation

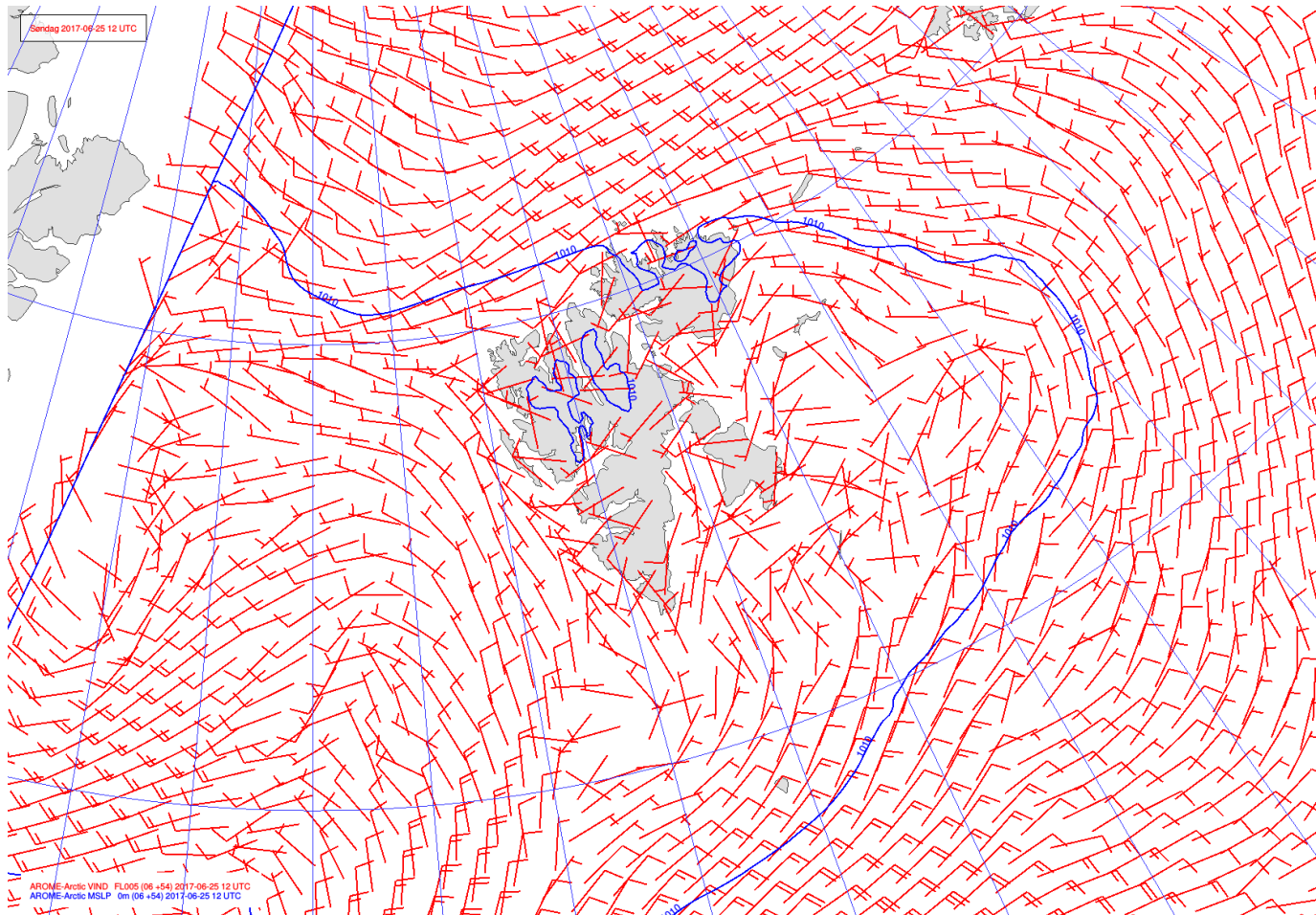
Sun Jun 25
12 UTC



AROME-
Arctic

MSLP / V_{FL005}

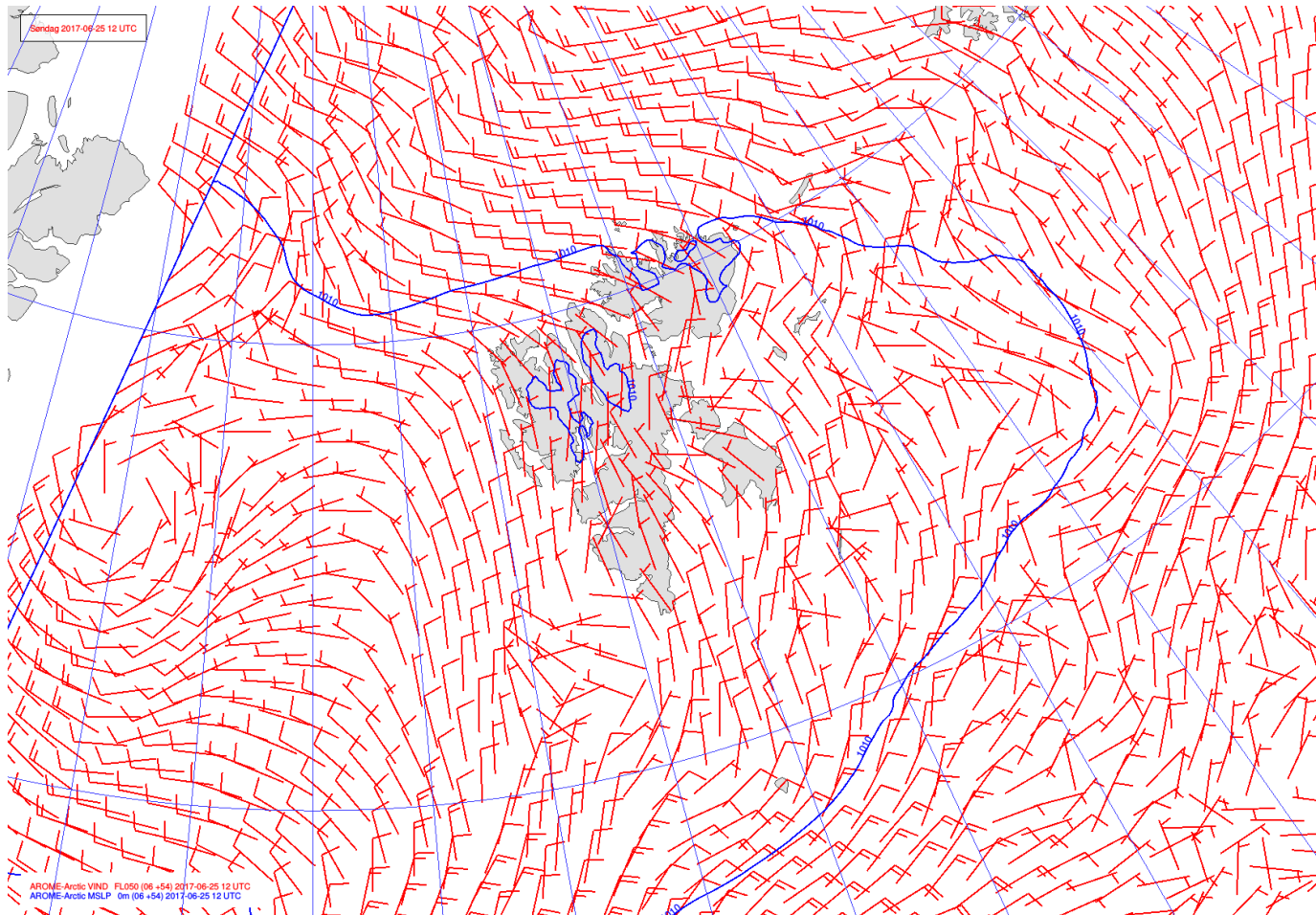
Sun Jun 25
12 UTC



AROME-
Arctic

MSLP / V_{FL050}

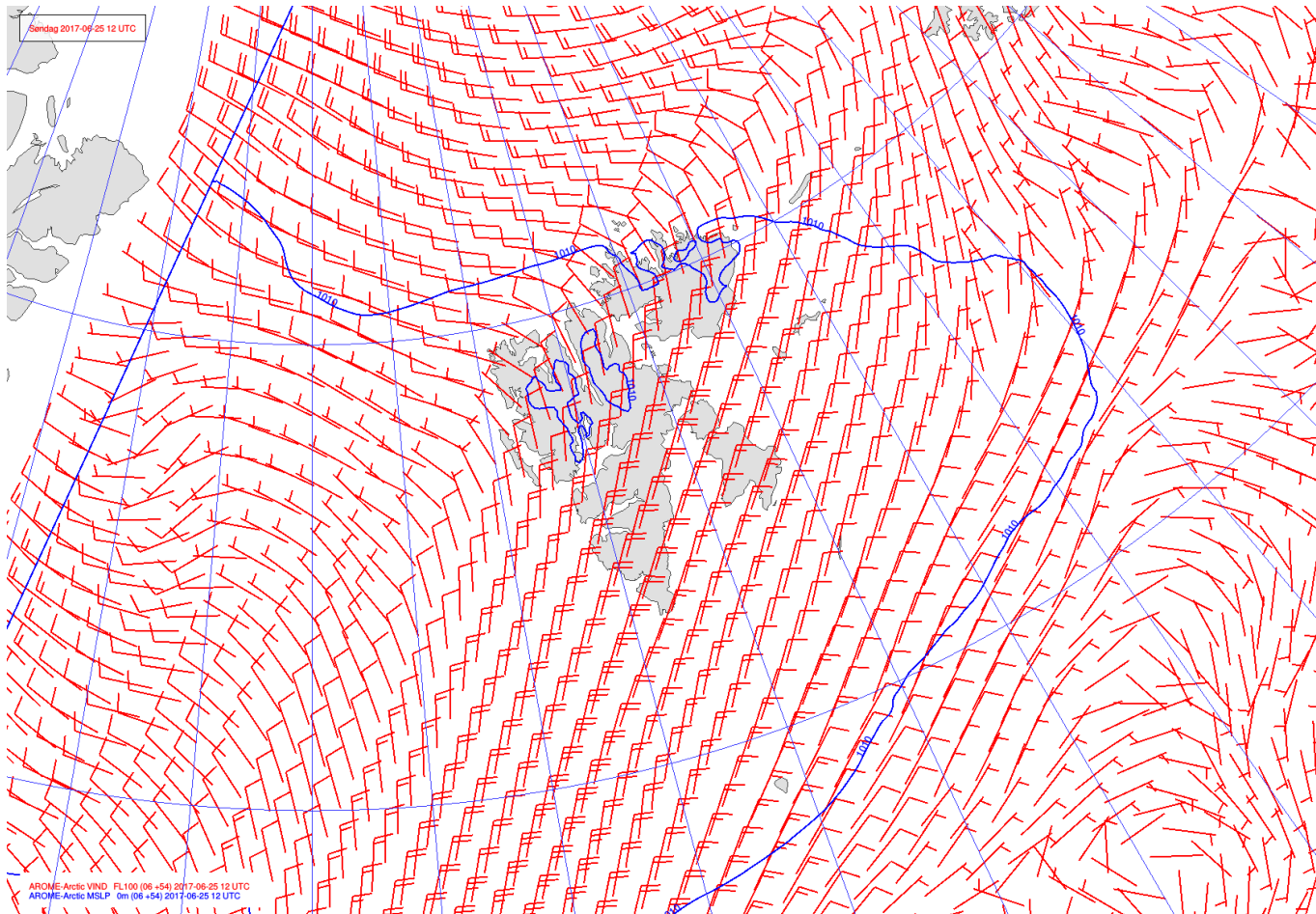
Sun Jun 25
12 UTC



AROME-
Arctic

MSLP / V_{FL100}

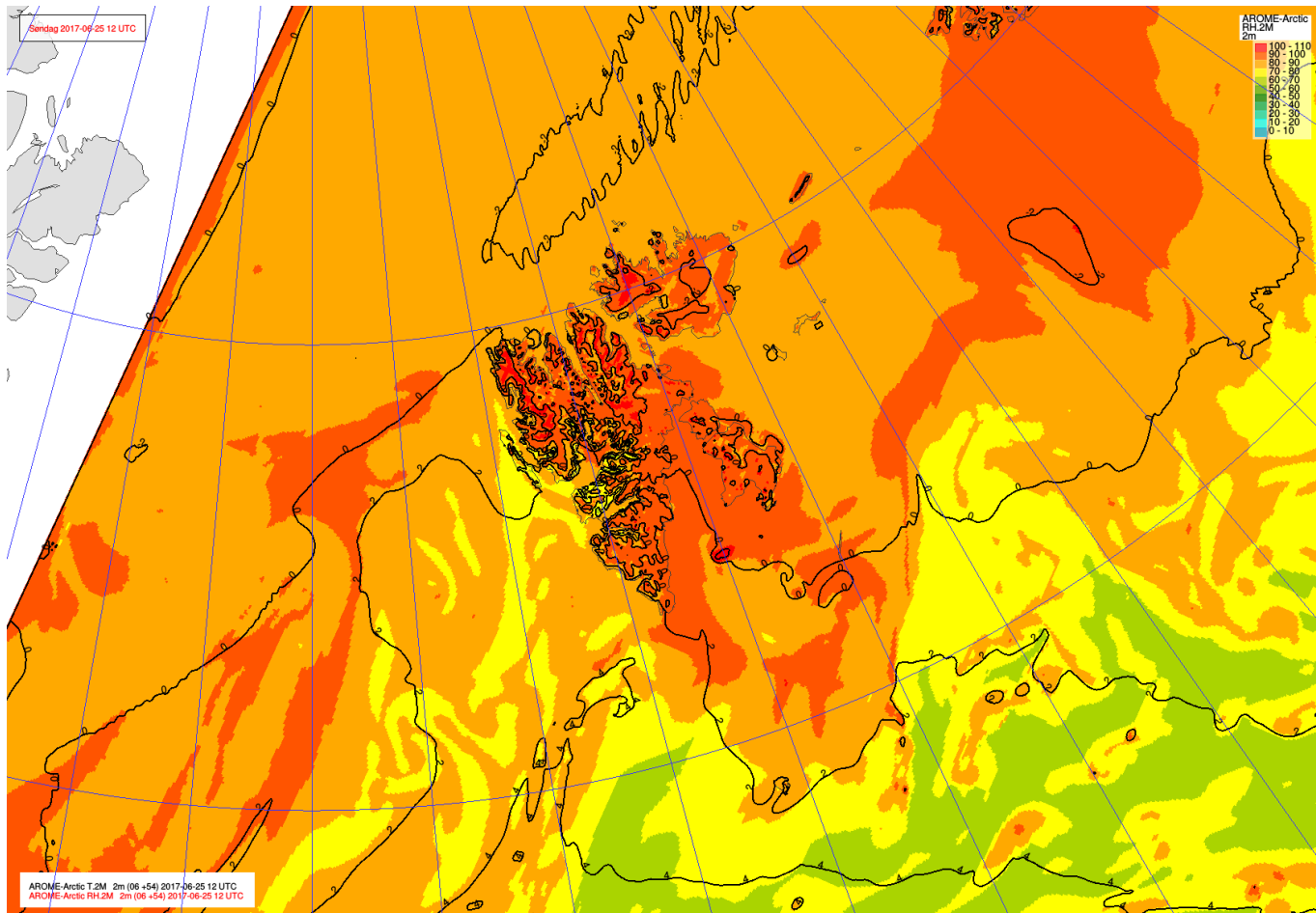
Sun Jun 25
12 UTC



AROME-
Arctic

T_{2m} / RH_{2m}

Sun Jun 25
12 UTC



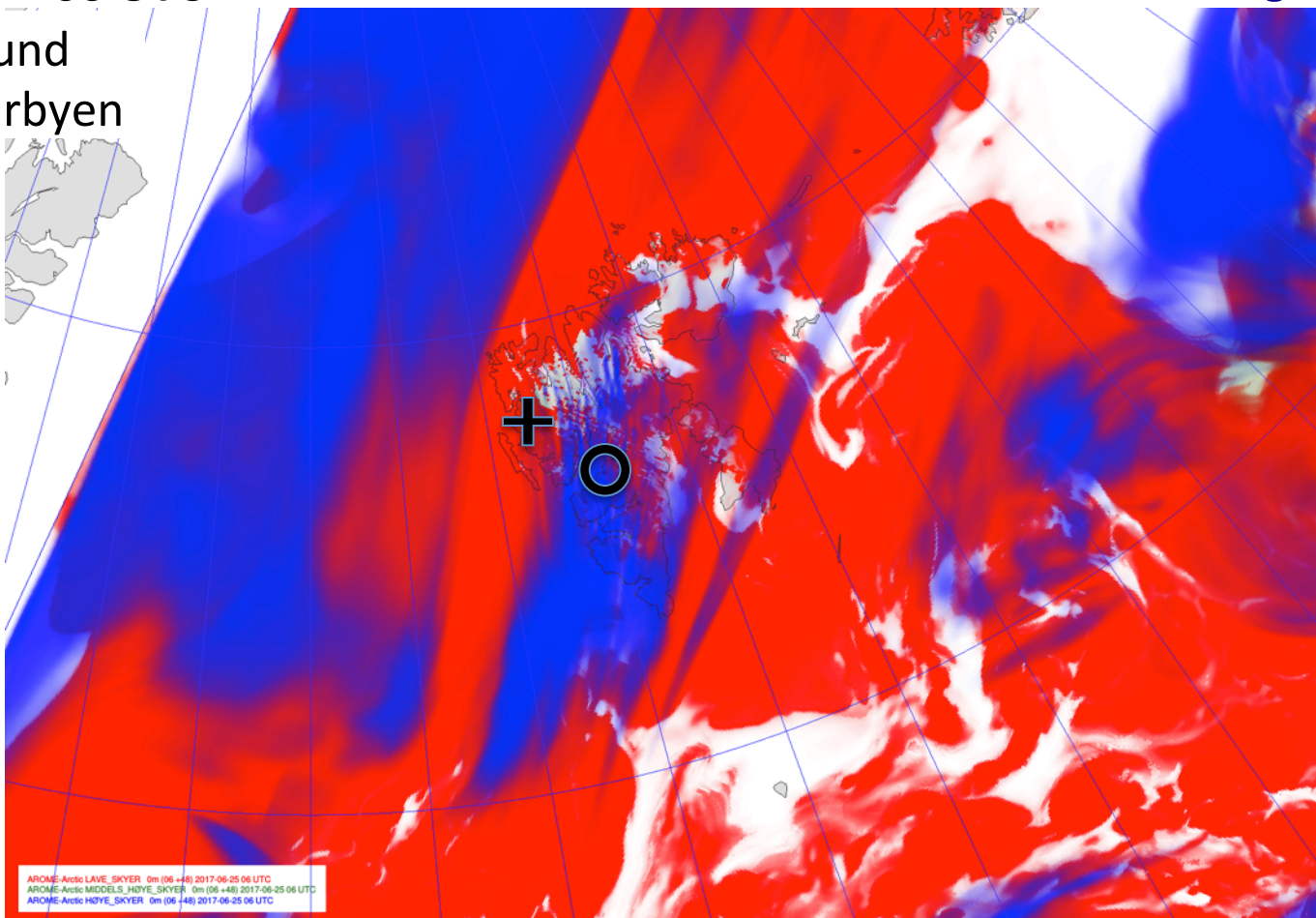
AROME-
Arctic

Cloud cover

Sun Jun 25
06 UTC

Low / Mid / High

+ Ny-Ålesund
○ Longyearbyen



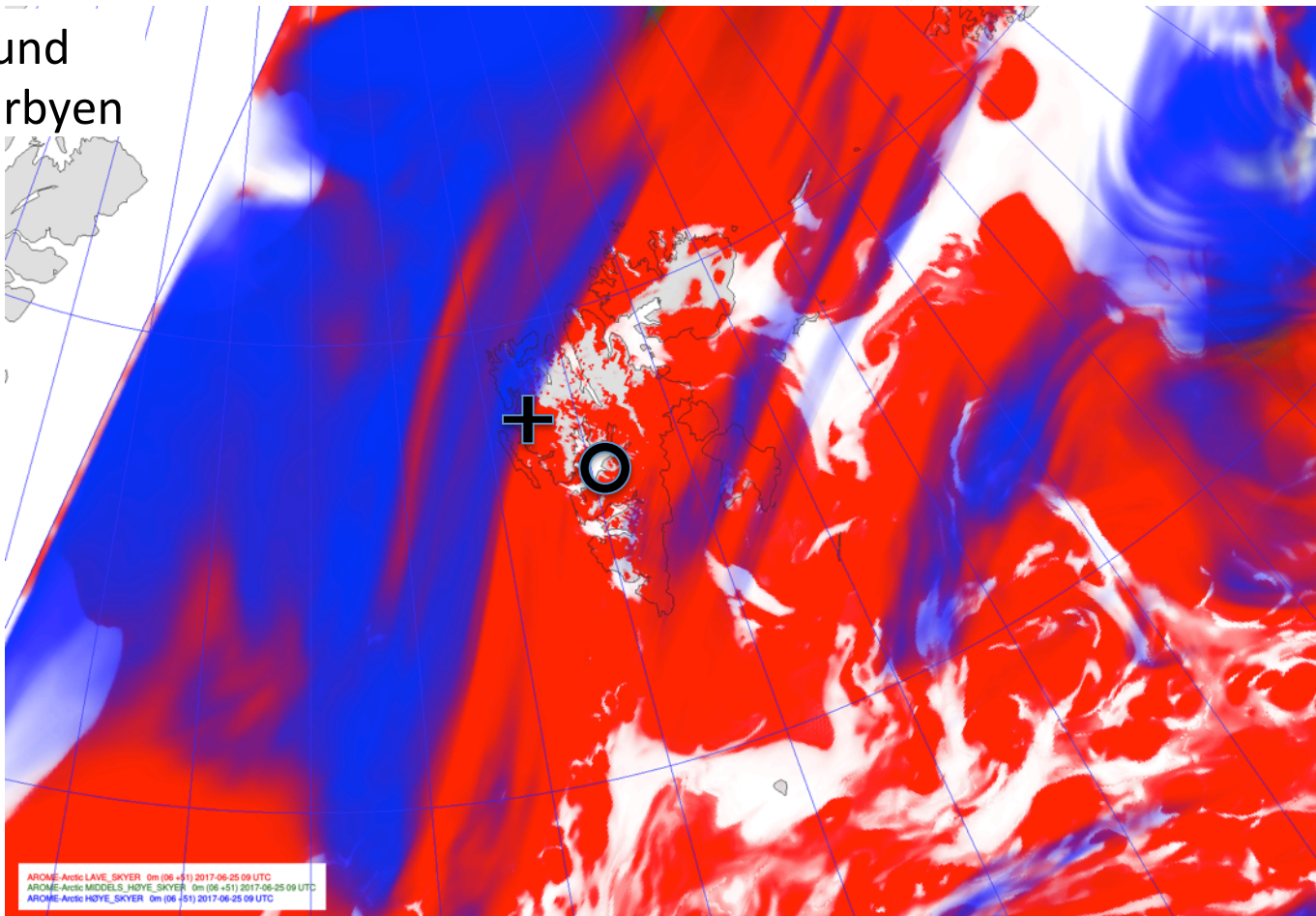
AROME-
Arctic

Cloud cover

Sun Jun 25
09 UTC

Low / Mid / High

+ Ny-Ålesund
○ Longyearbyen



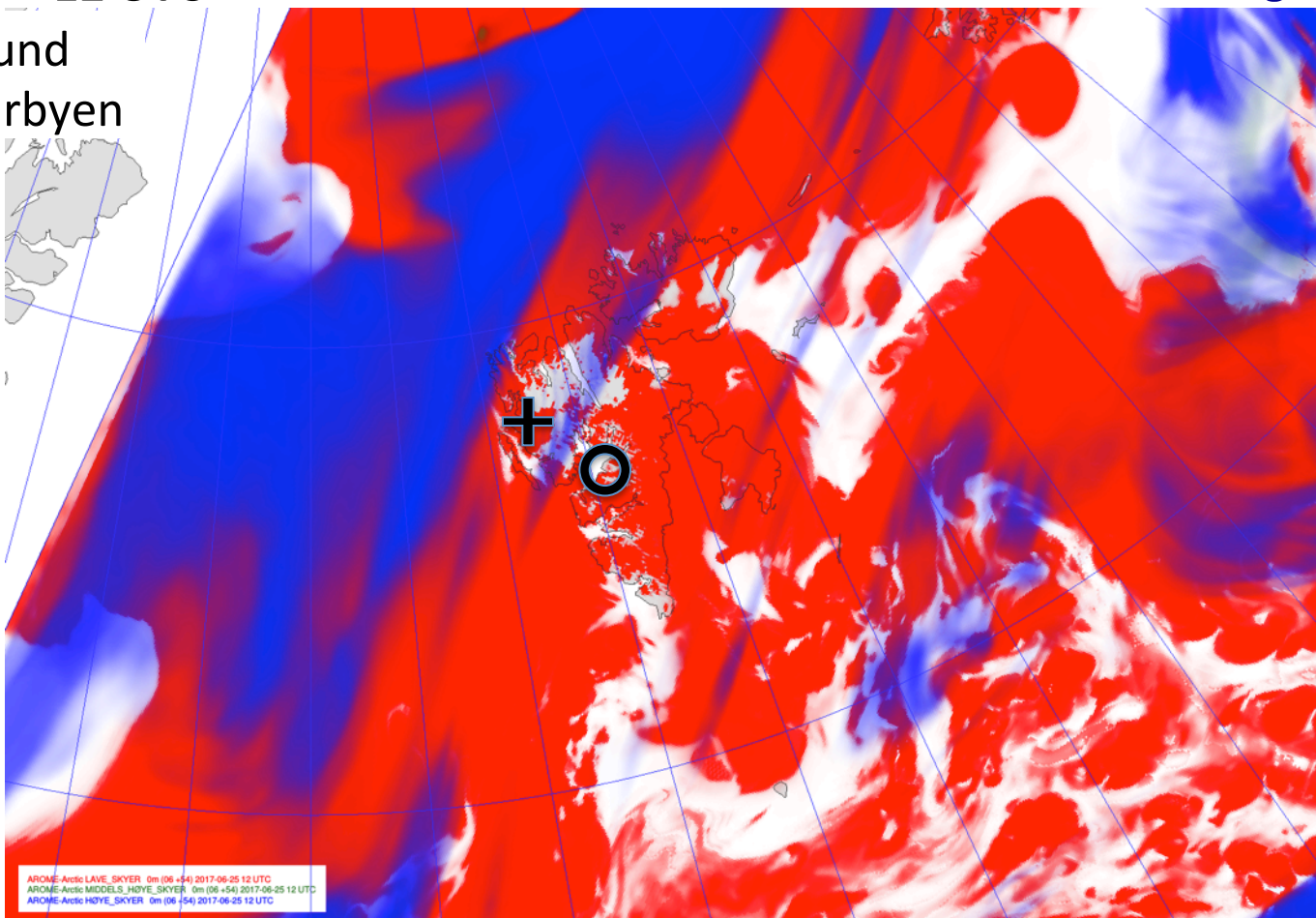
AROME-
Arctic

Cloud cover

Sun Jun 25
12 UTC

Low / Mid / High

+ Ny-Ålesund
○ Longyearbyen



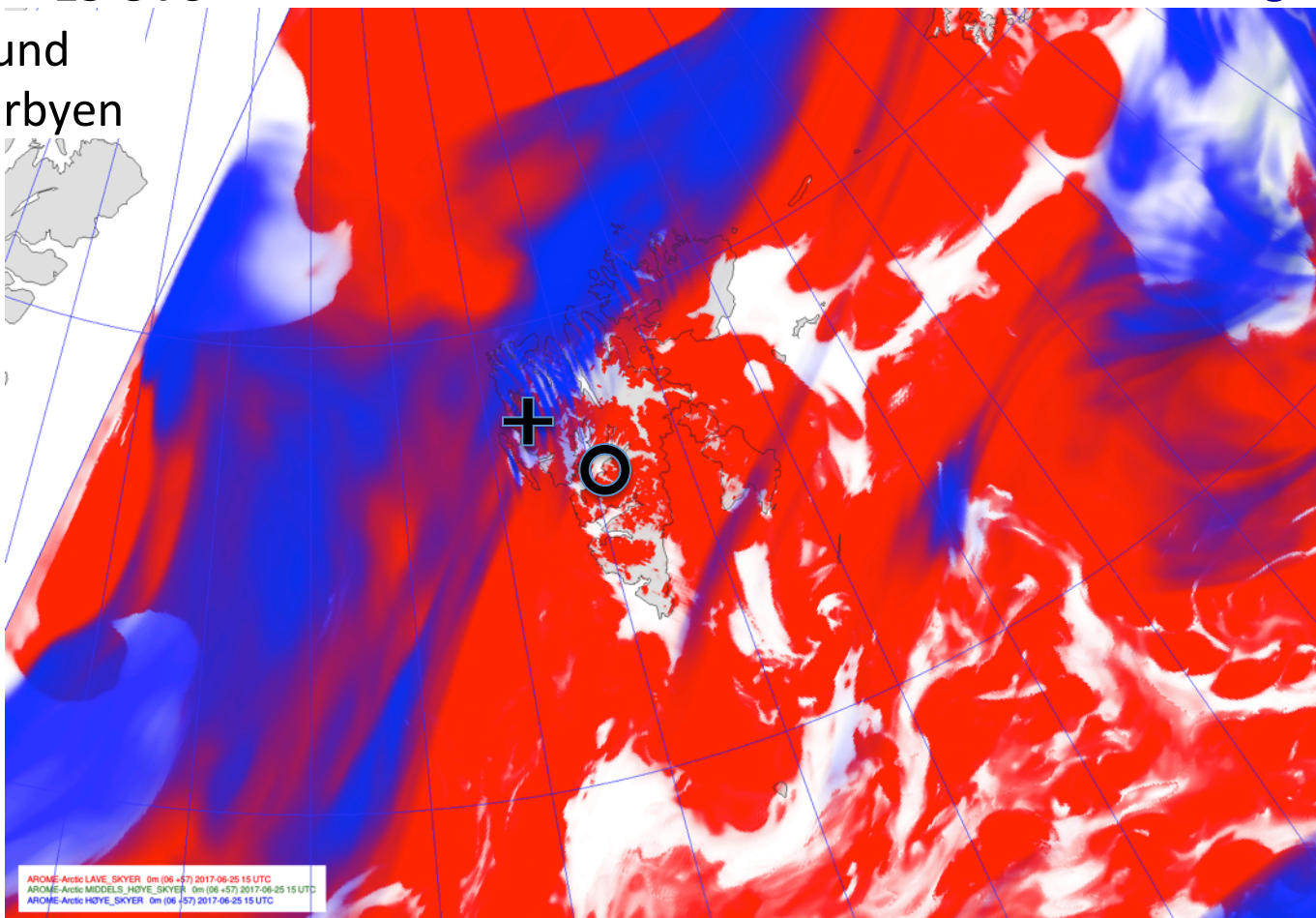
AROME-
Arctic

Cloud cover

Sun Jun 25
15 UTC

Low / Mid / High

+ Ny-Ålesund
○ Longyearbyen



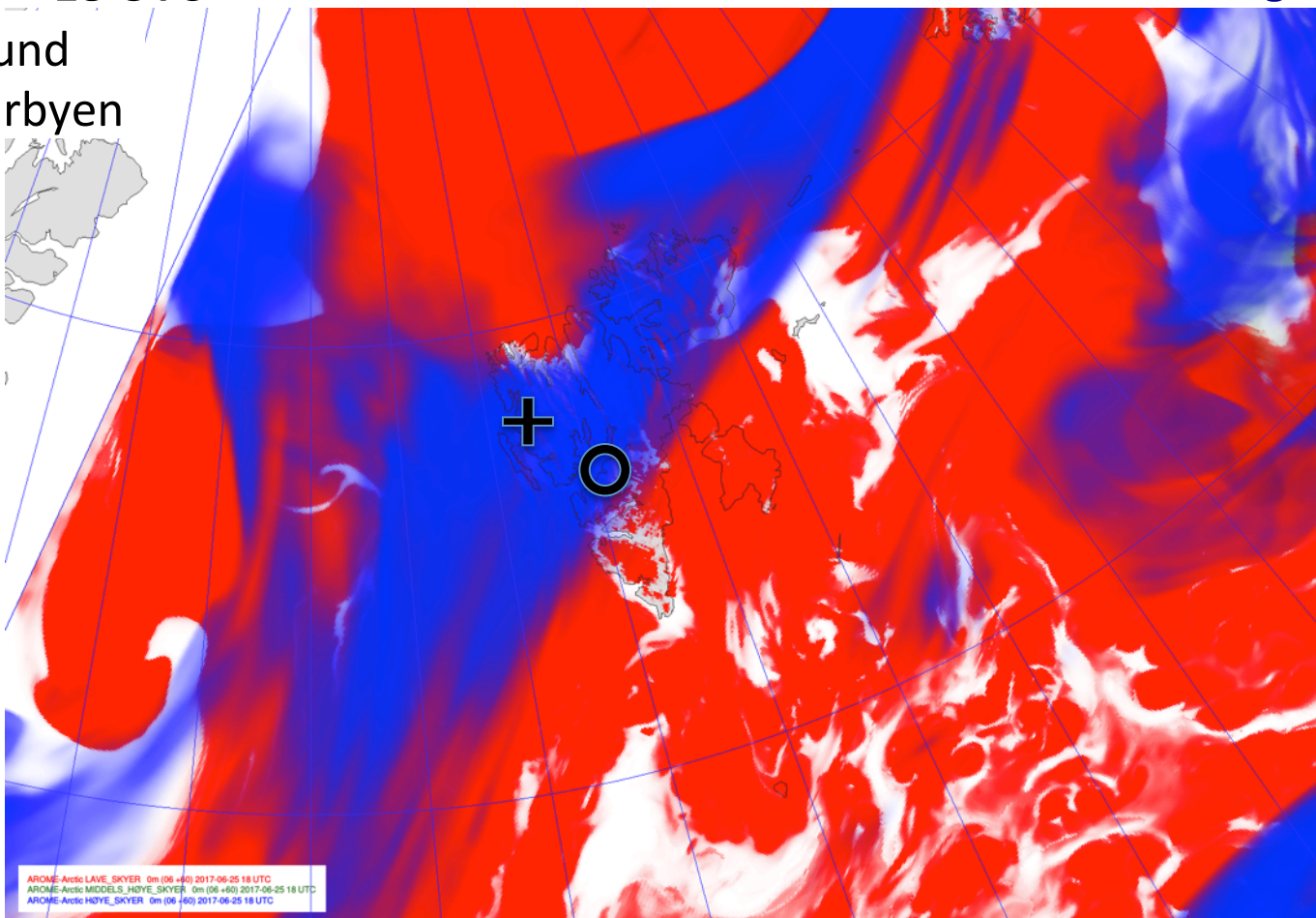
AROME-
Arctic

Cloud cover

Sun Jun 25
18 UTC

Low / Mid / High

+ Ny-Ålesund
○ Longyearbyen



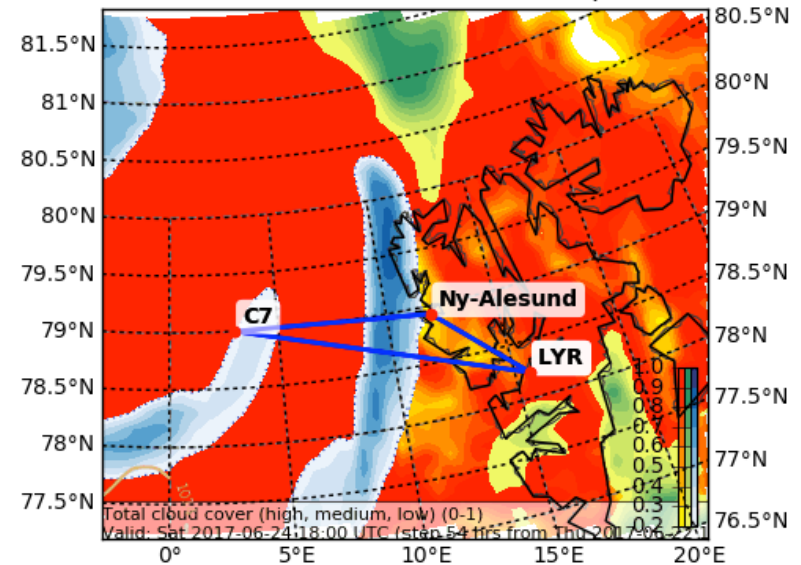
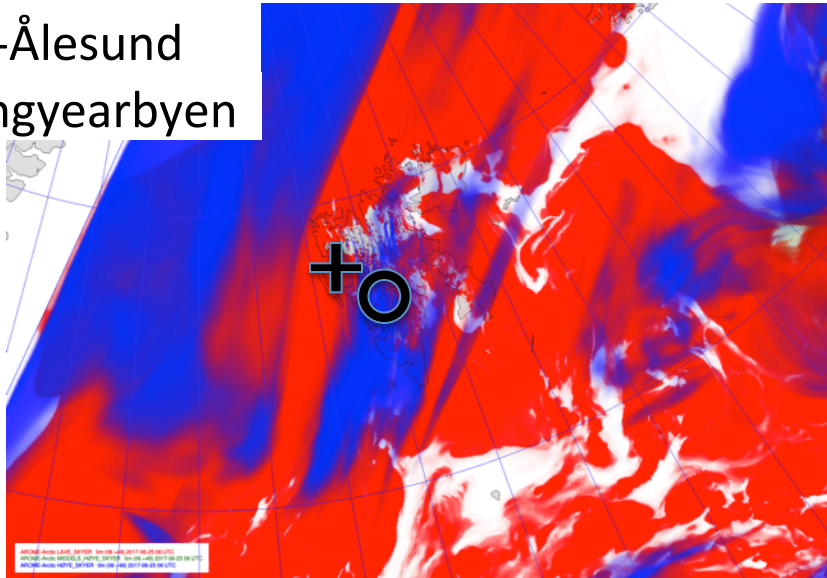
AROME-
Arctic

Sun Jun 25
06 UTC

Cloud cover

Low / Mid / High

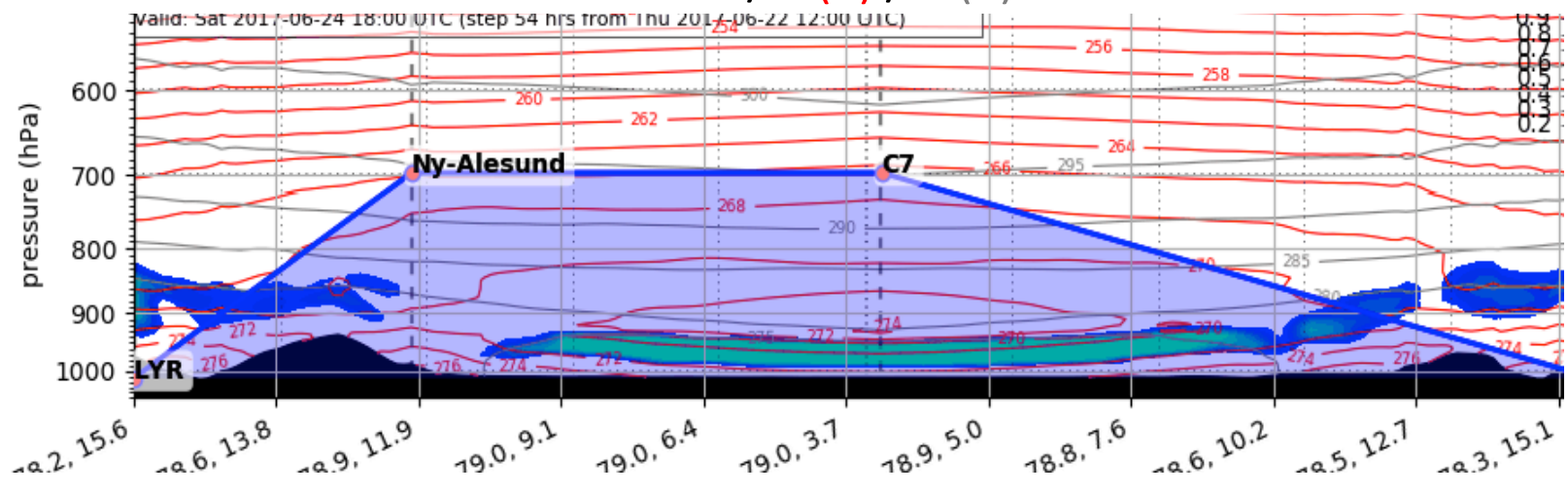
+ Ny-Ålesund
○ Longyearbyen



AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF

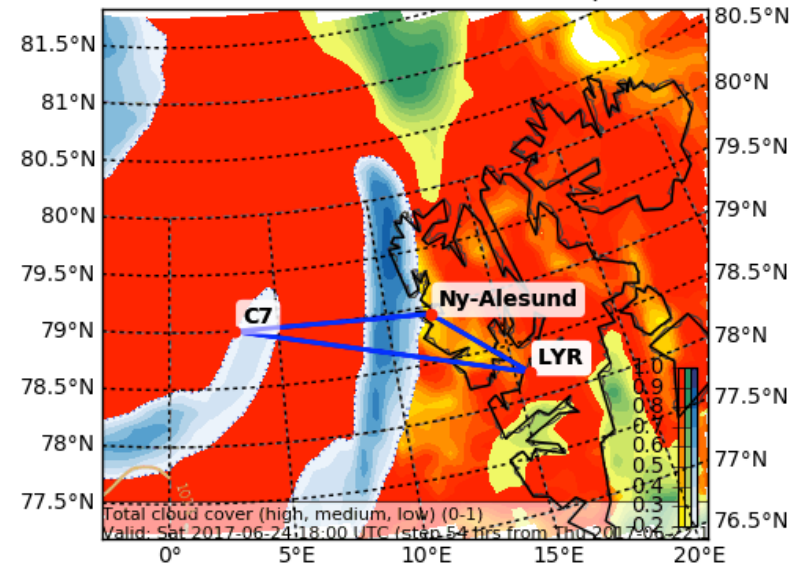
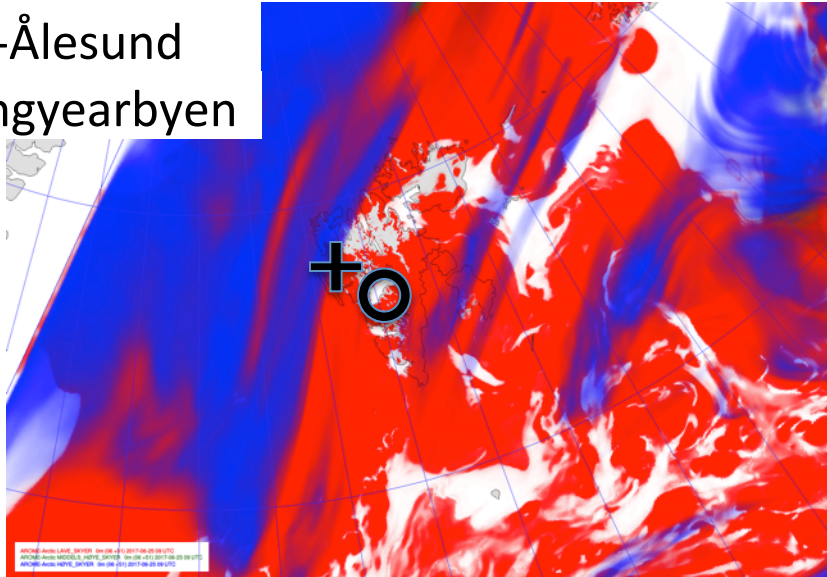


Sun Jun 25
09 UTC

Cloud cover

Low / Mid / High

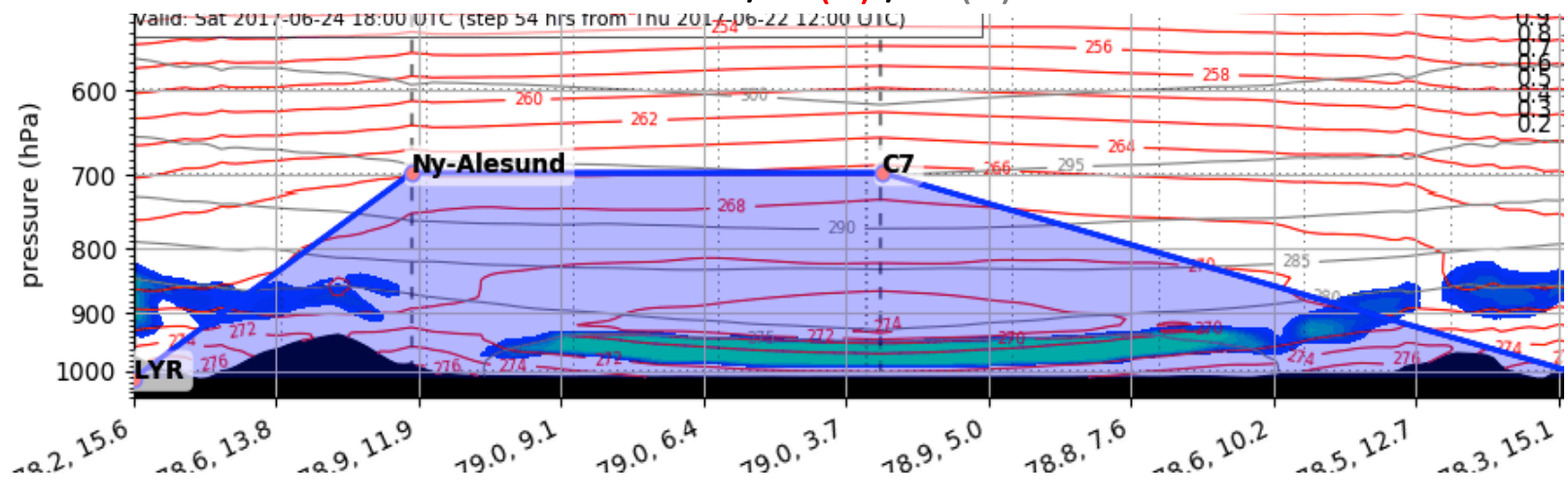
+ Ny-Ålesund
○ Longyearbyen



AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF

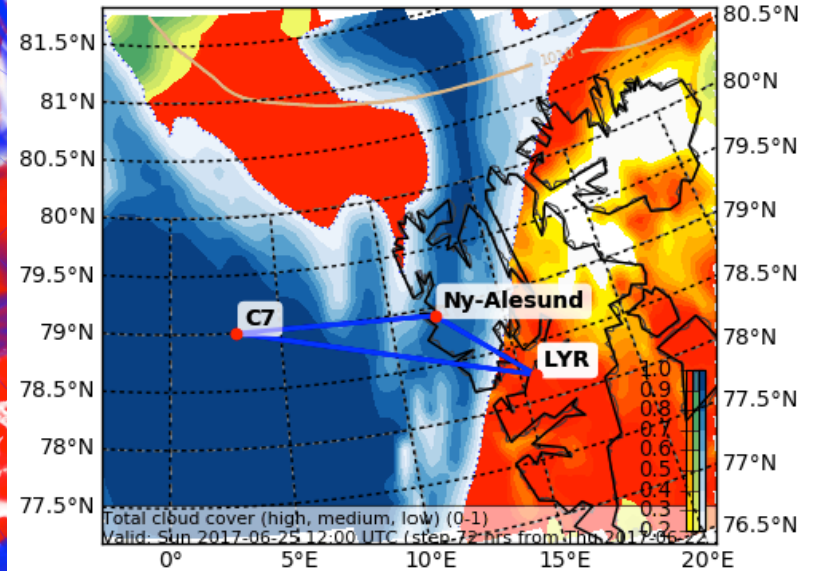
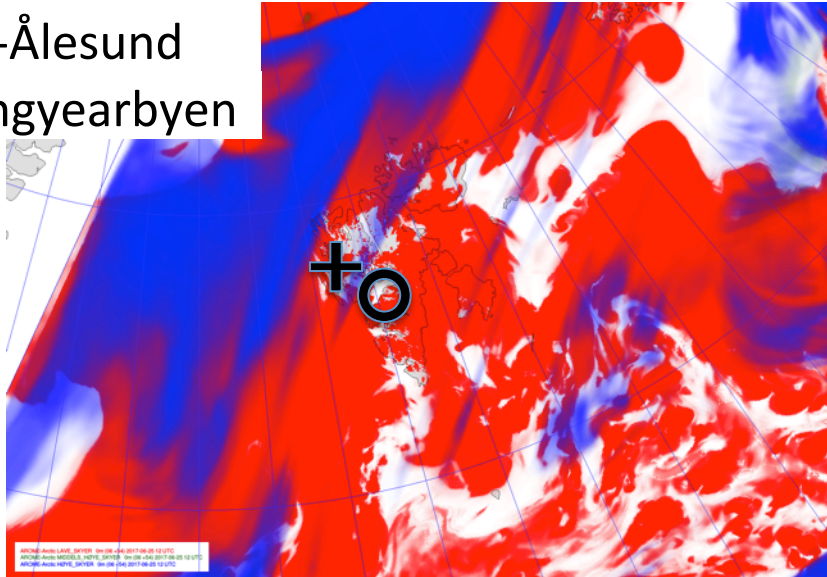


Sun Jun 25
12 UTC

Cloud cover

Low / Mid / High

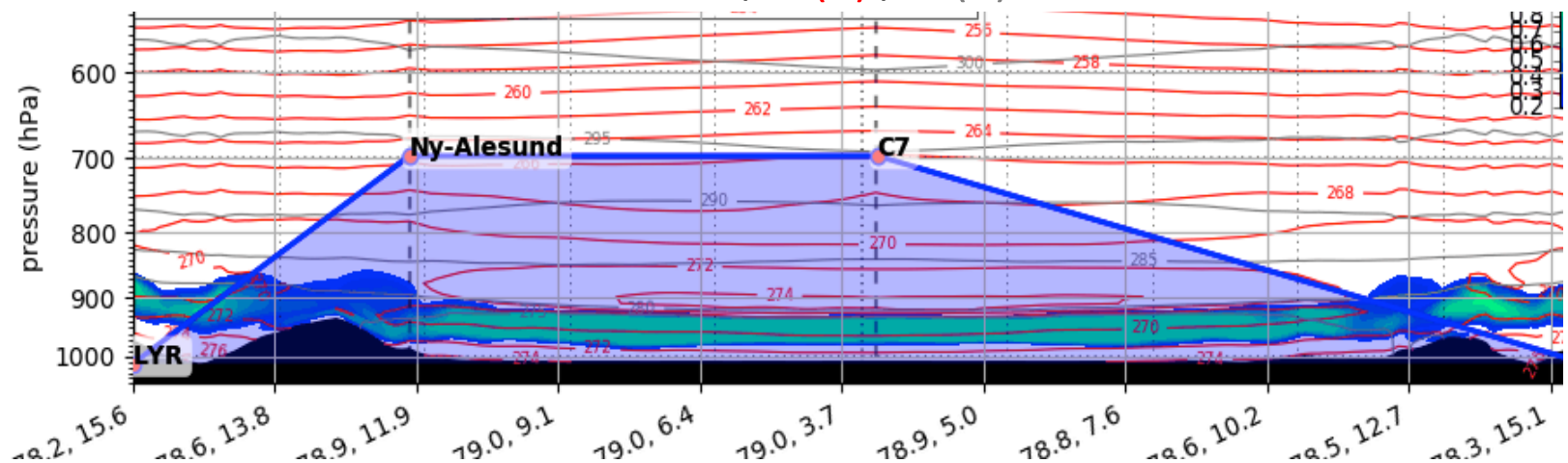
+ Ny-Ålesund
○ Longyearbyen



AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF

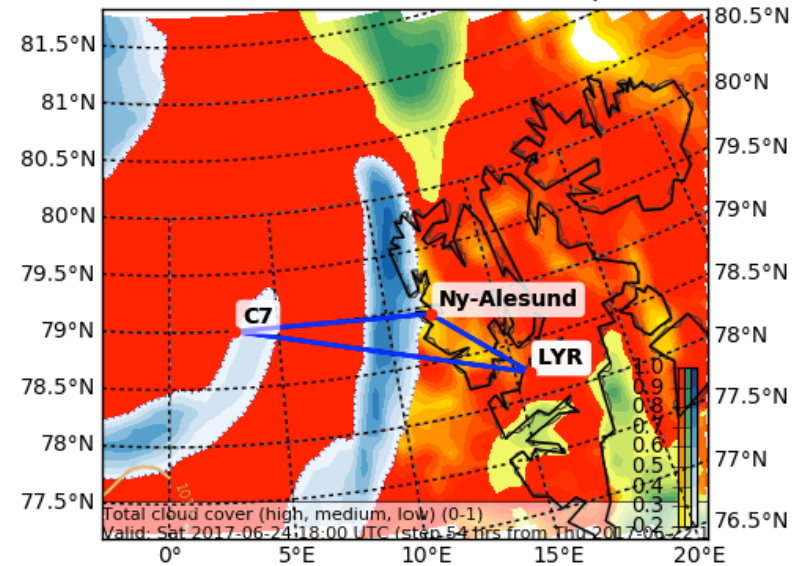
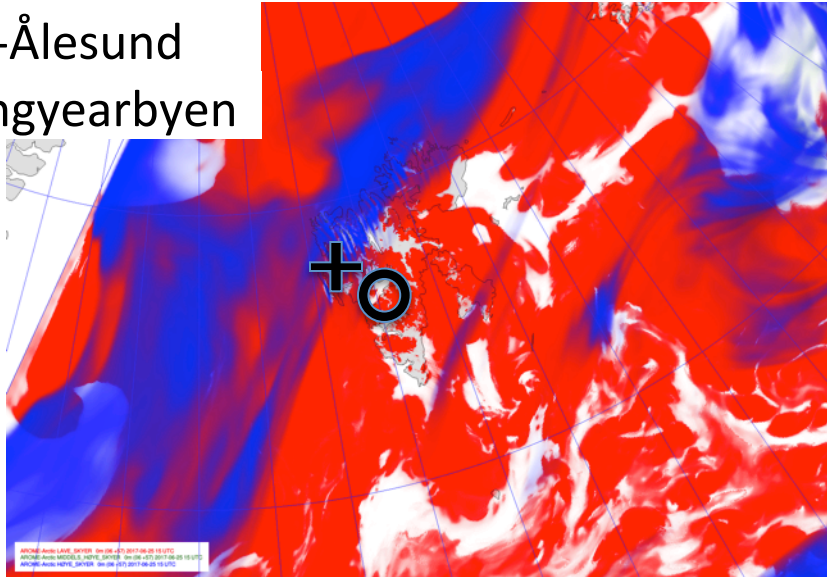


Sun Jun 25
15 UTC

Cloud cover

Low / Mid / High

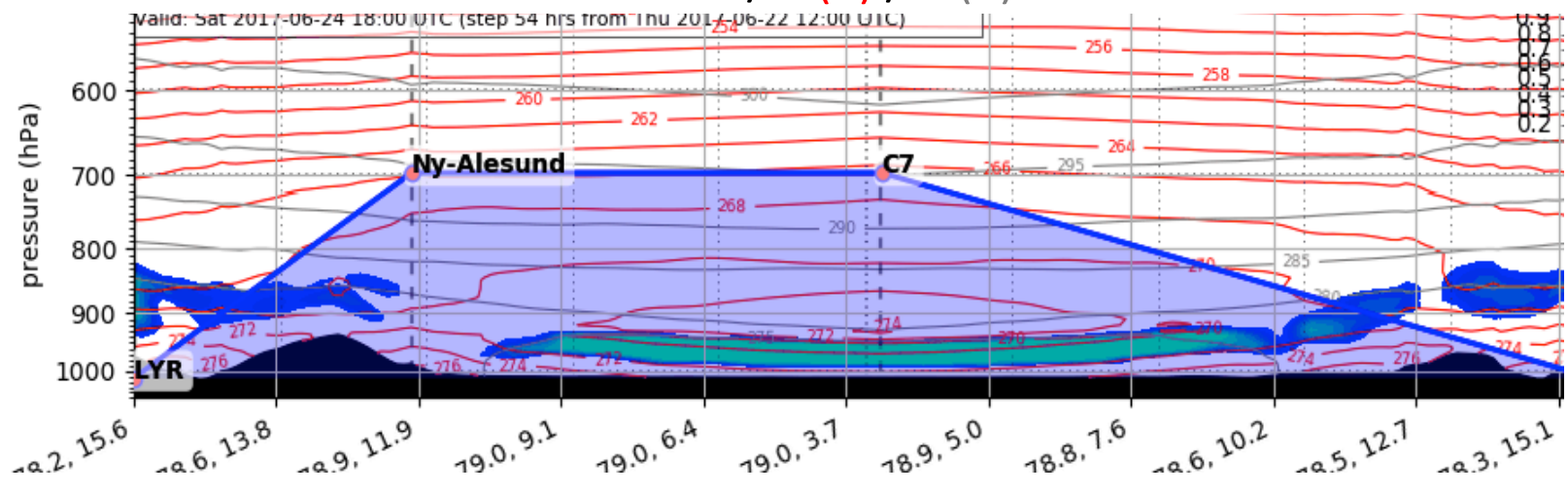
+ Ny-Ålesund
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AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF

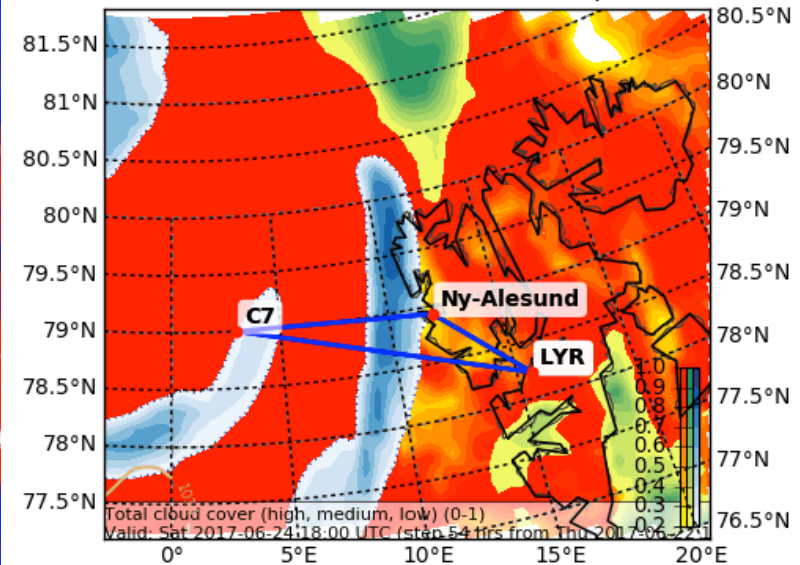
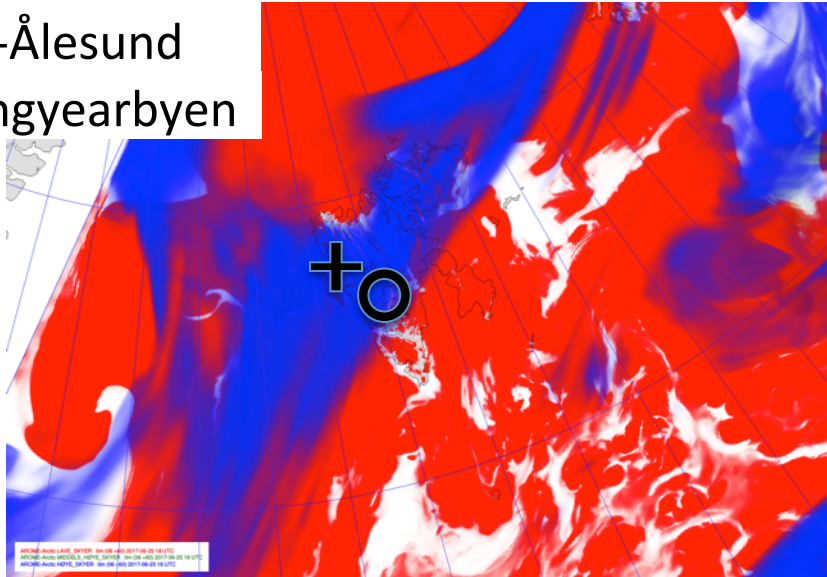


Sun Jun 25
18 UTC

Cloud cover

Low / Mid / High

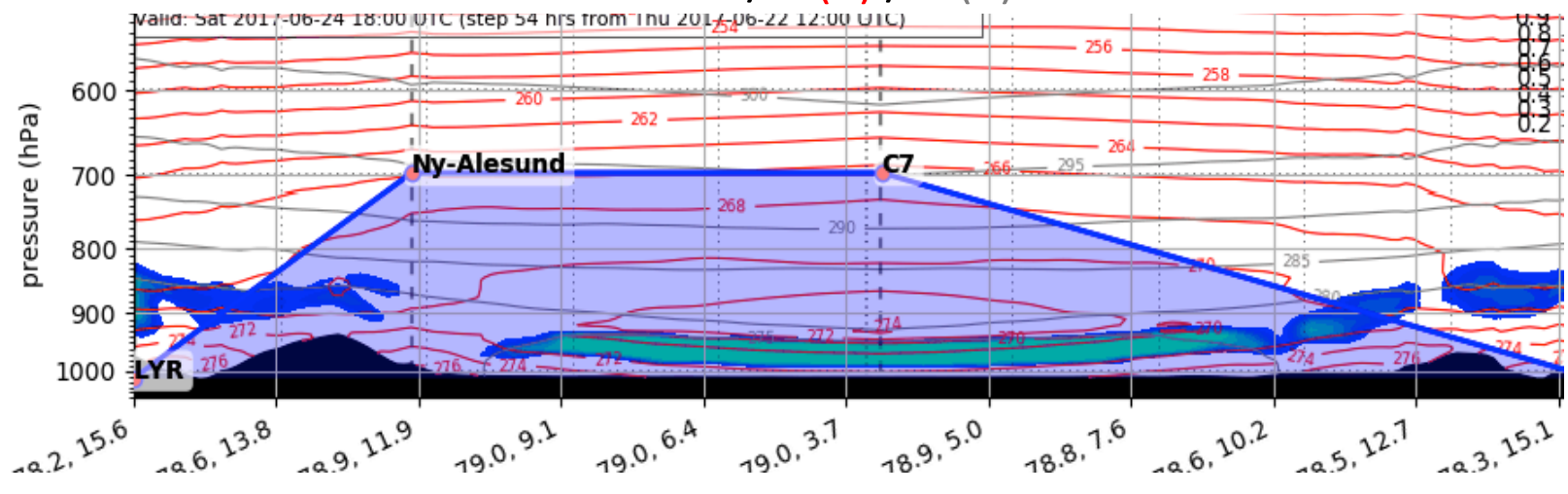
+ Ny-Ålesund
○ Longyearbyen



AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF



Fog

**Sun Jun 25
12 UTC**

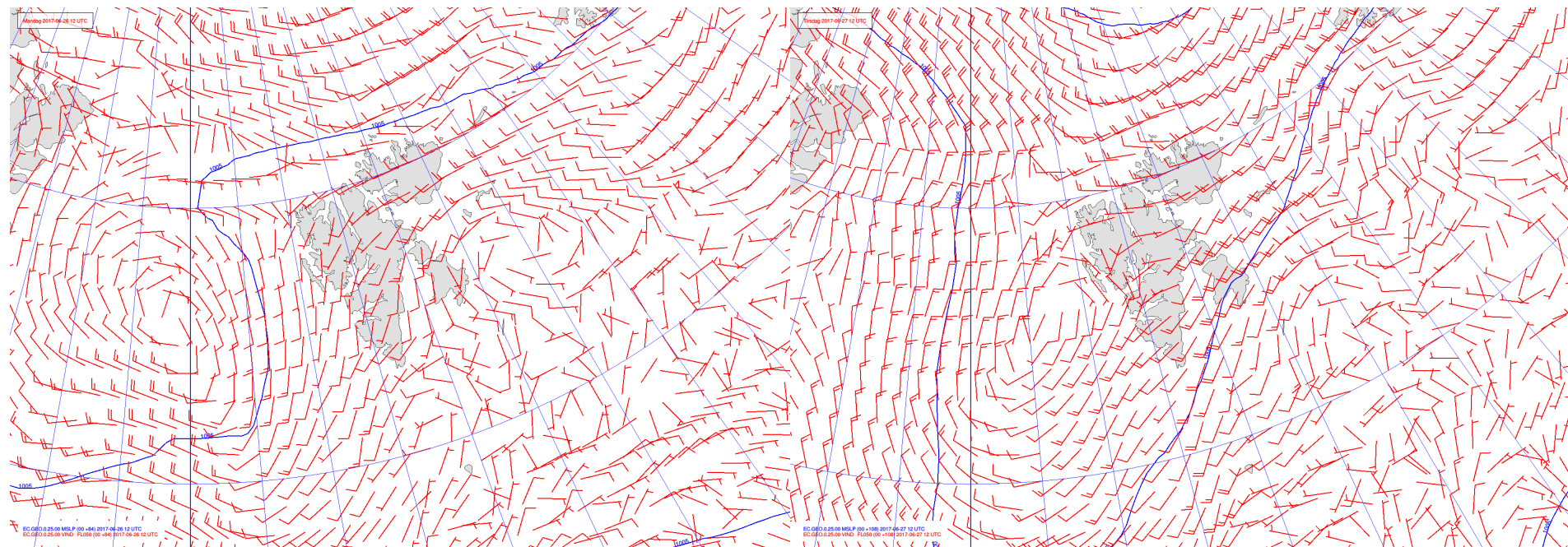


AROME-
Arctic

MSLP / V_{FL050}

**Mon Jun 26
12 UTC**

**Tue Jun 27
12 UTC**



EC-Geo