

Weather briefing **ACLOUD**

From Tue 20 June 2017
for Thu 22 June 2017
and next three days

Summary

No pressure system observed close to Svalbard

WINDS:

- Thursday:
 - morning over Longyearbyen will be W to SW of up to 5 m/s. Over NW part of Svalbard more intense and up to 10 m/s
 - During the day no changes in intensity but will become more variable, especially off of the west coast of island

CLOUD COVER:

- on Thursday over Longyearbyen LLC will be present during the whole day with HLC coming from west around 1200 UTC

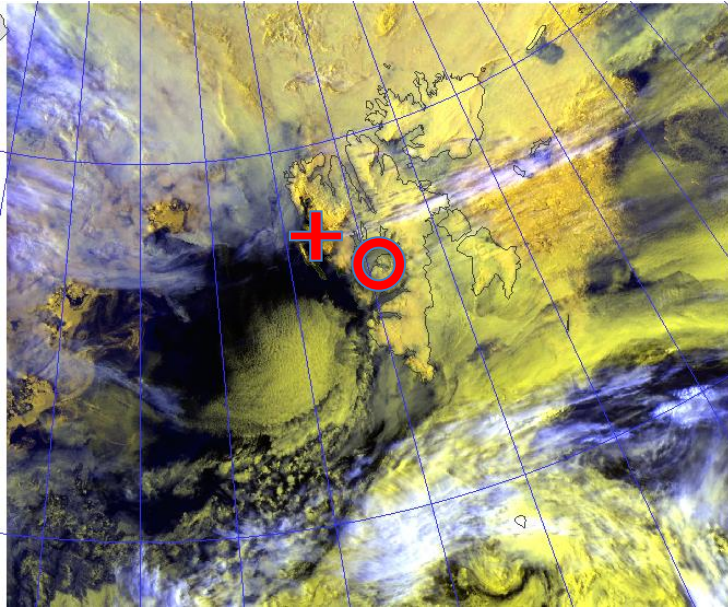
Observations

Jun 20 June 2017

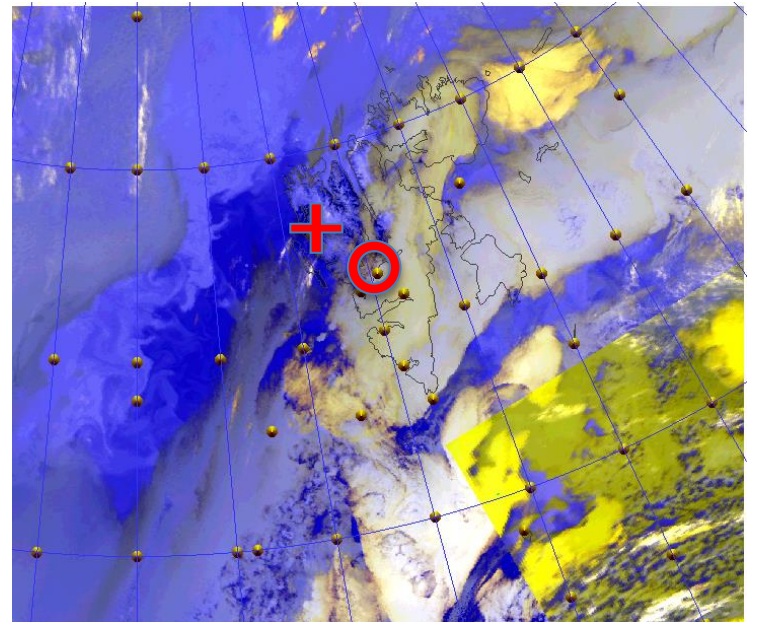
Satellite image

Tue Jun 20
06:17 UTC

+ Ny-Ålesund
○ Longyearbyen



VIS + IR

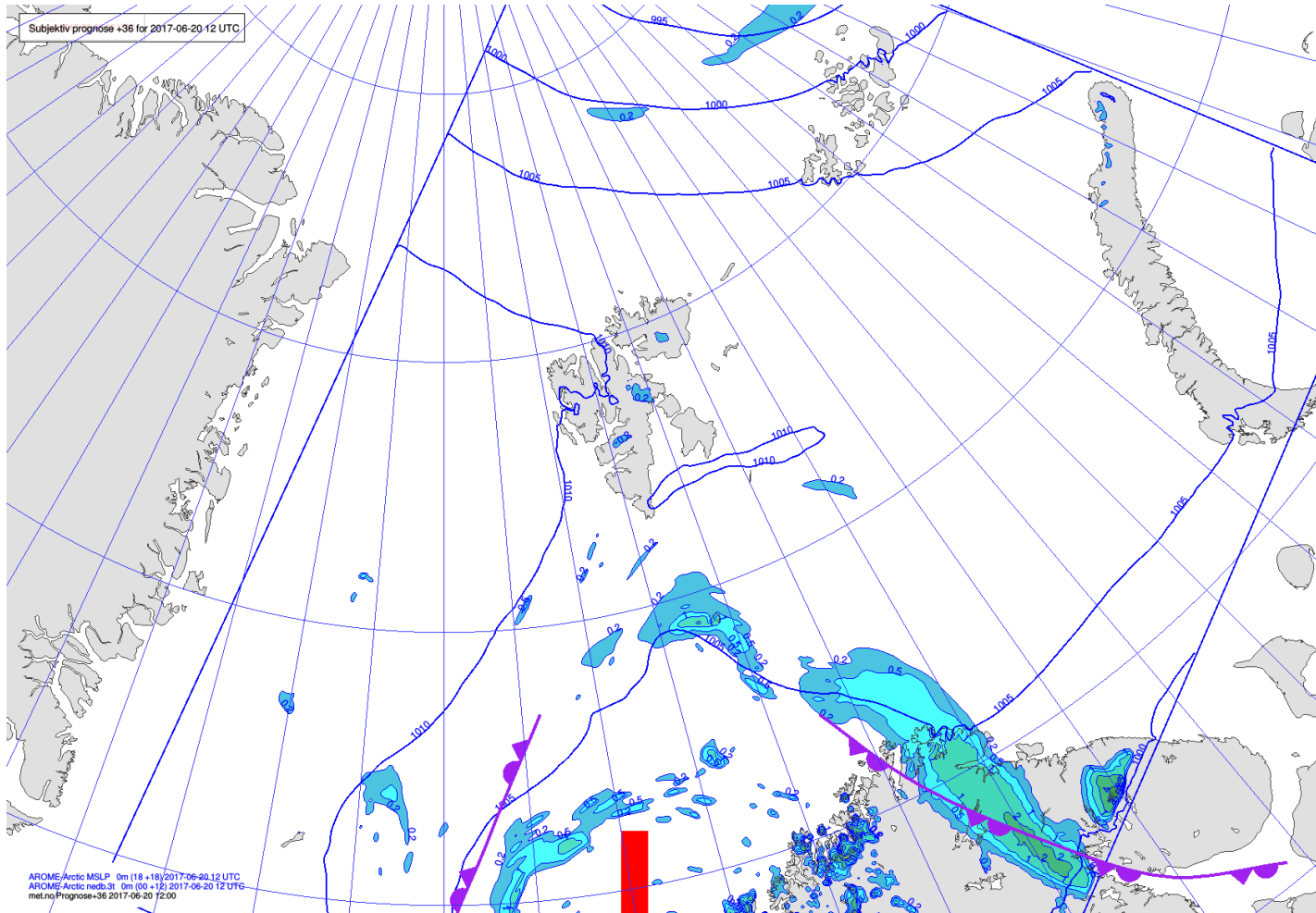


NOAA-19

IR 5+4+3

MSLP / Fronts / Precipitation

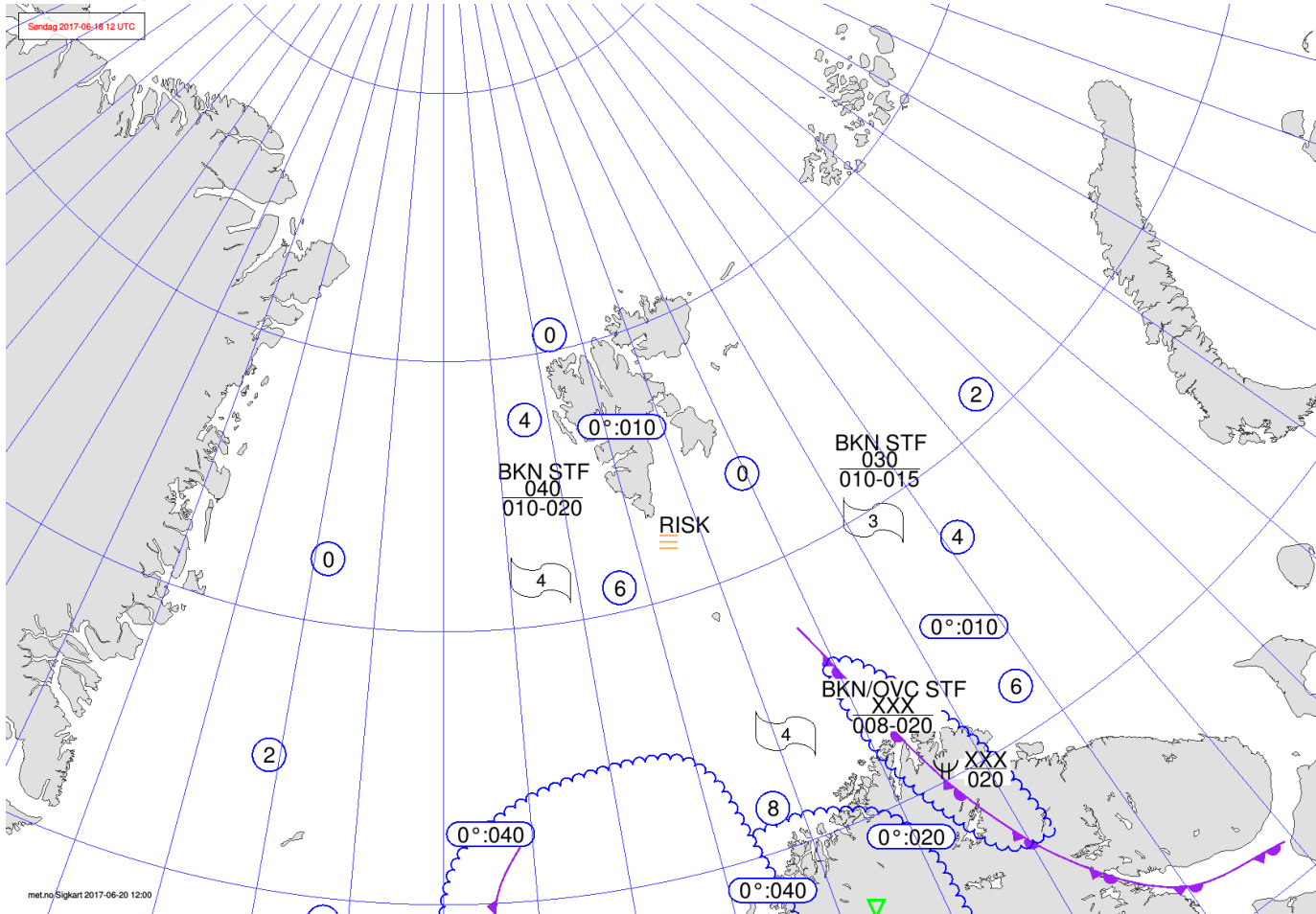
Sun Jun 20
12 UTC



AROME-
Arctic

Significant weather chart

Sun Jun 20
12 UTC



AROME-
Arctic

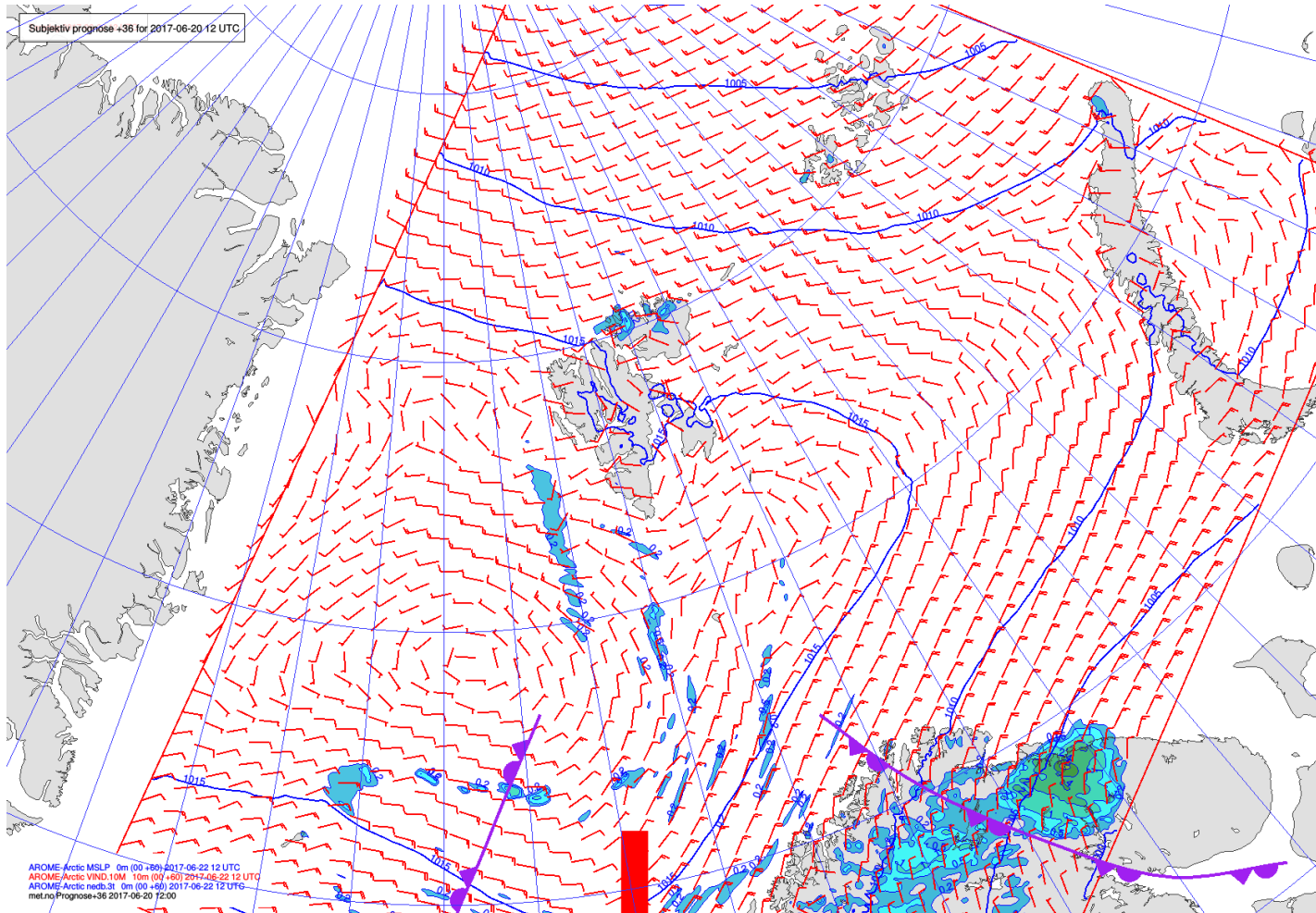
METAR and TAF

- Longyearbyen/Longyear (ENSB):
 - METAR 201350Z 29005KT 9999 FEW019 BKN037
06/M00 Q1009 RMK WIND 1400FT 25005KT
 - TAF 201100Z **2012/2112** 28008KT 9999 FEW025
BKN045
 - No SIGMET/AIRMET
- Ny-Ålesund/Hamnerabben (ENAS):
 - METAR NIL

Forecast
Thu 22 June 2017

MSLP / v_{10m} / Fronts / Precipitation

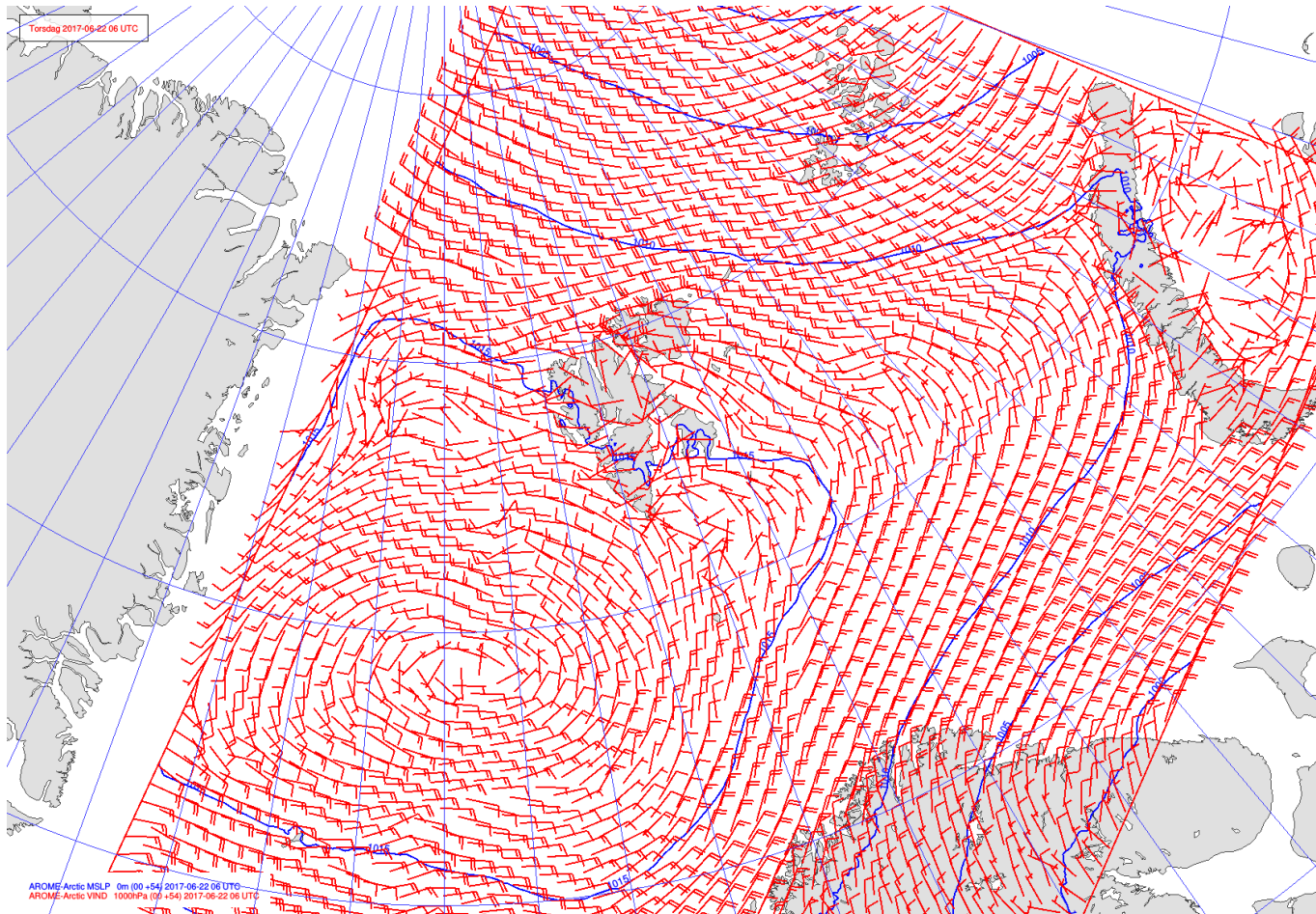
Jun 22
12 UTC



AROME-
Arctic

MSLP / $V_{1000hPa}$

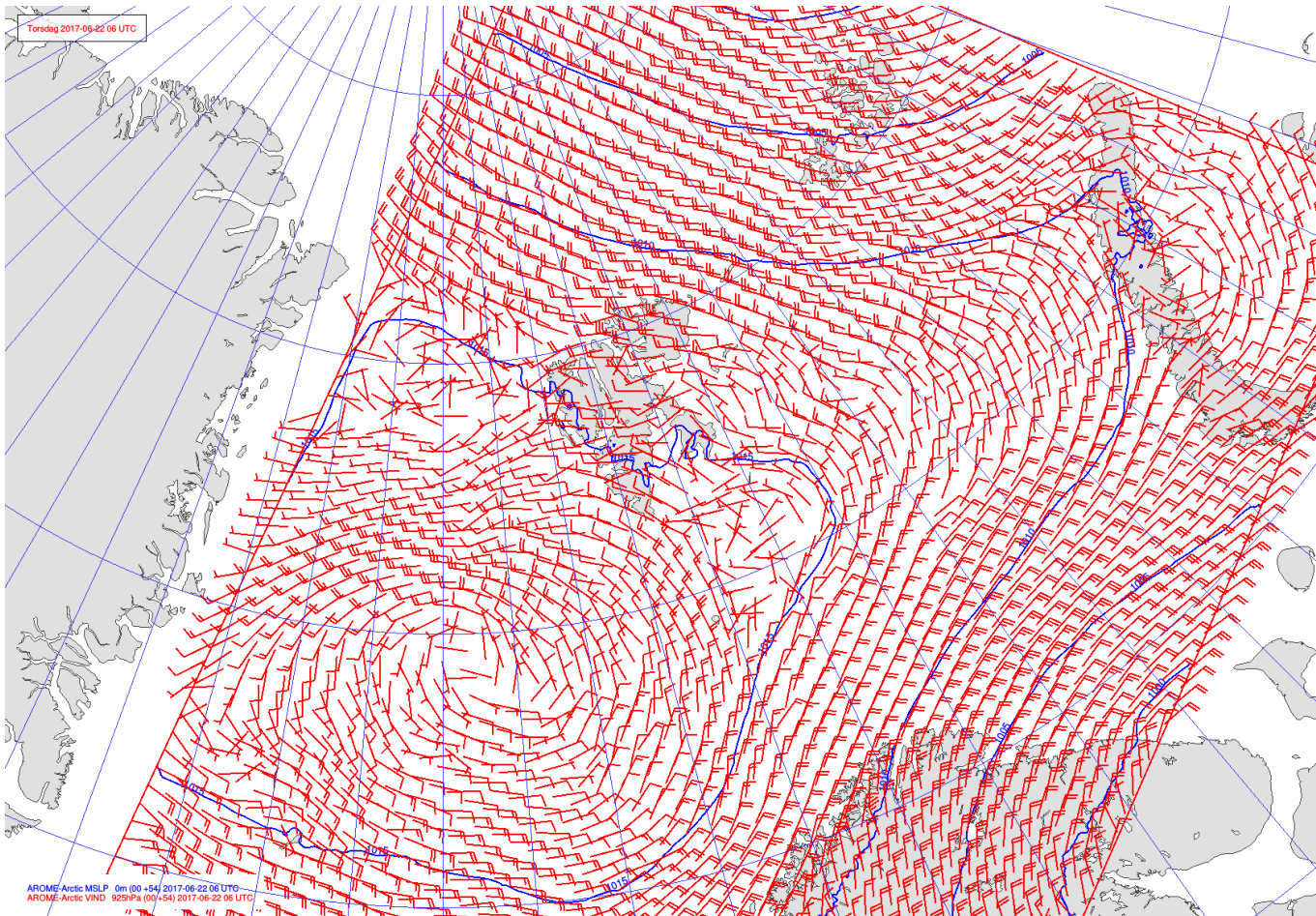
Jun 22
06 UTC



AROME-
Arctic

MSLP / V_{925hPa}

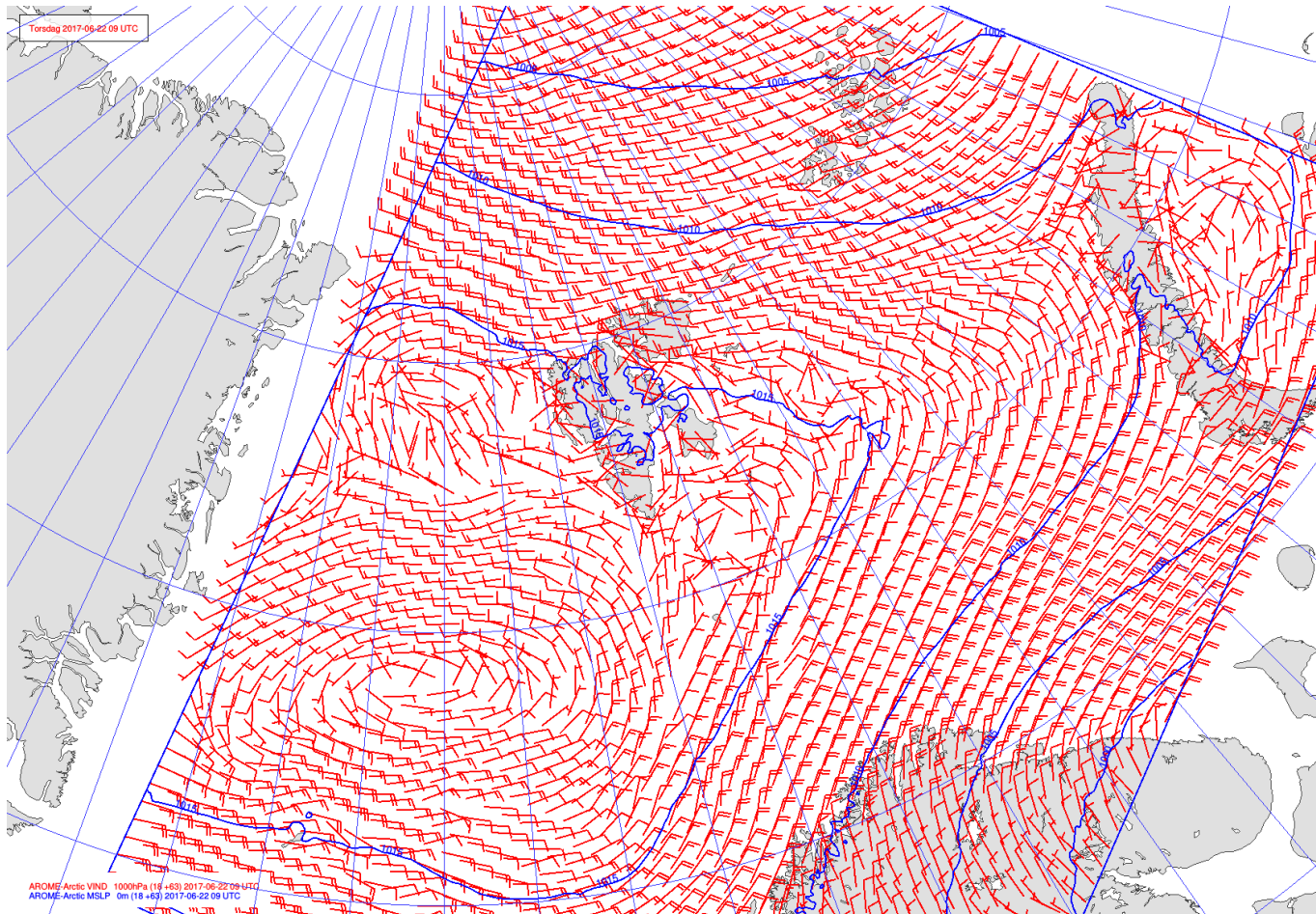
Jun 22
06 UTC



AROME-
Arctic

MSLP / $V_{1000hPa}$

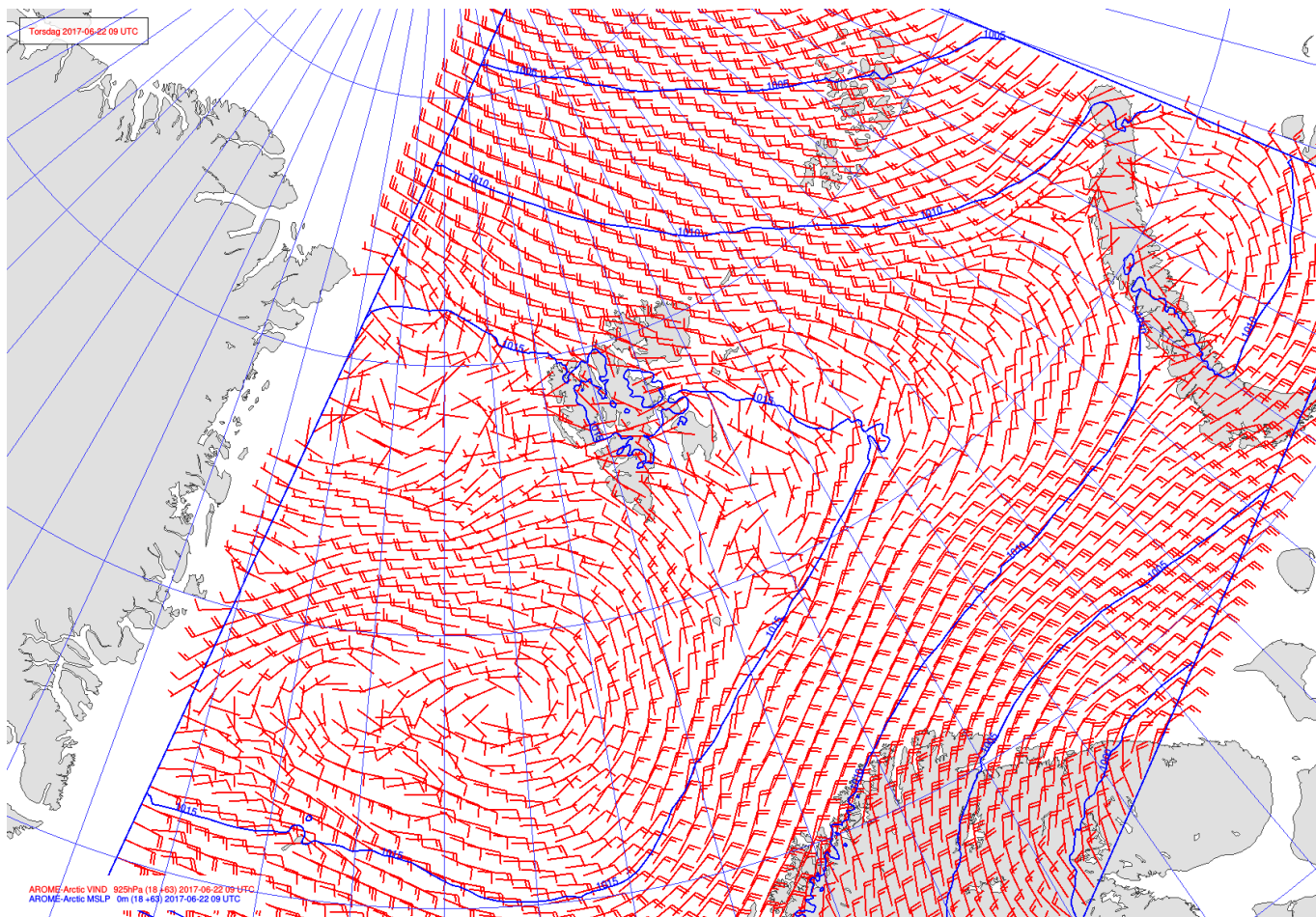
Jun 22
09 UTC



AROME-
Arctic

MSLP / V_{925hPa}

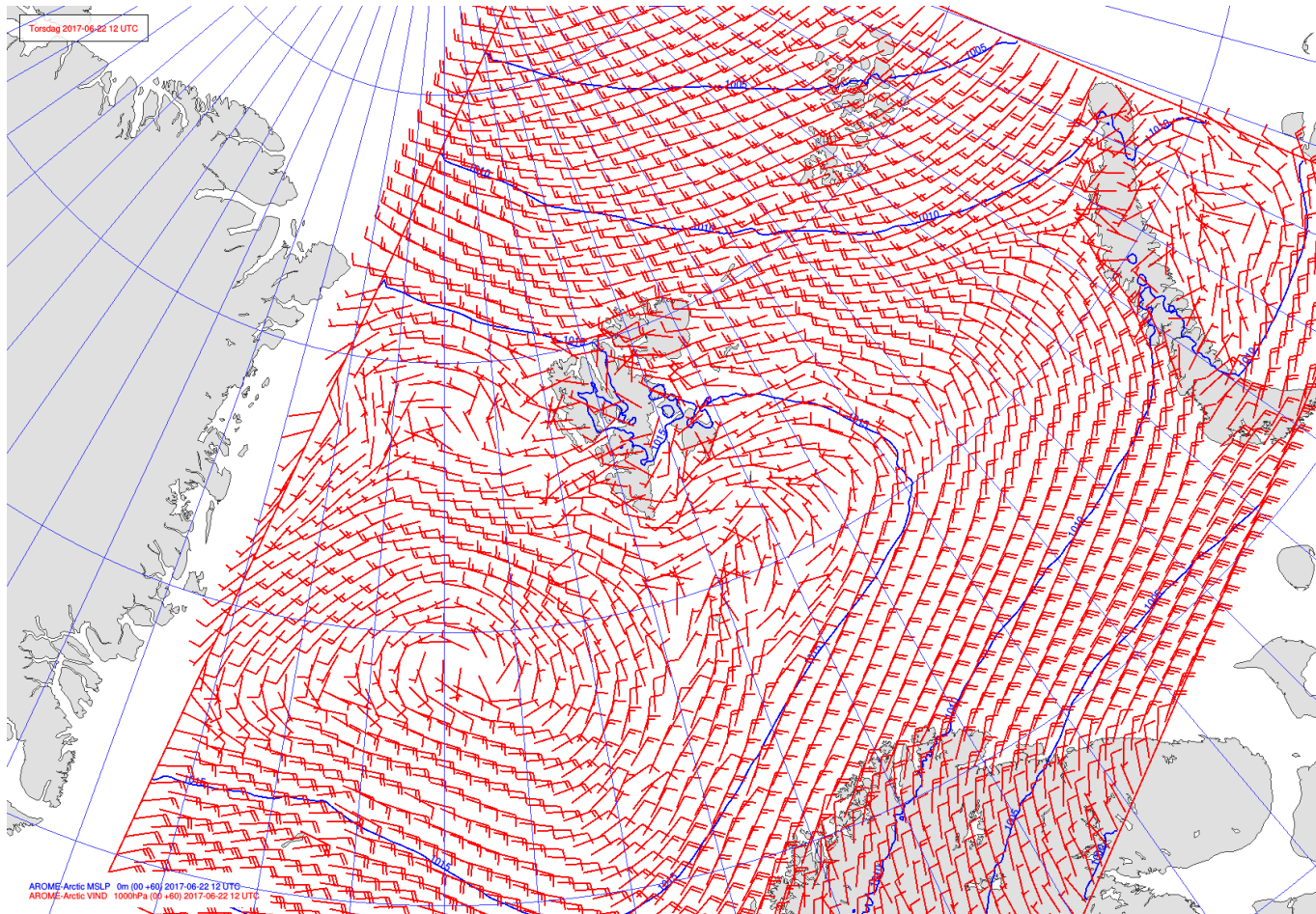
Jun 22
09 UTC



AROME-
Arctic

MSLP / $V_{1000hPa}$

Jun 22
12 UTC

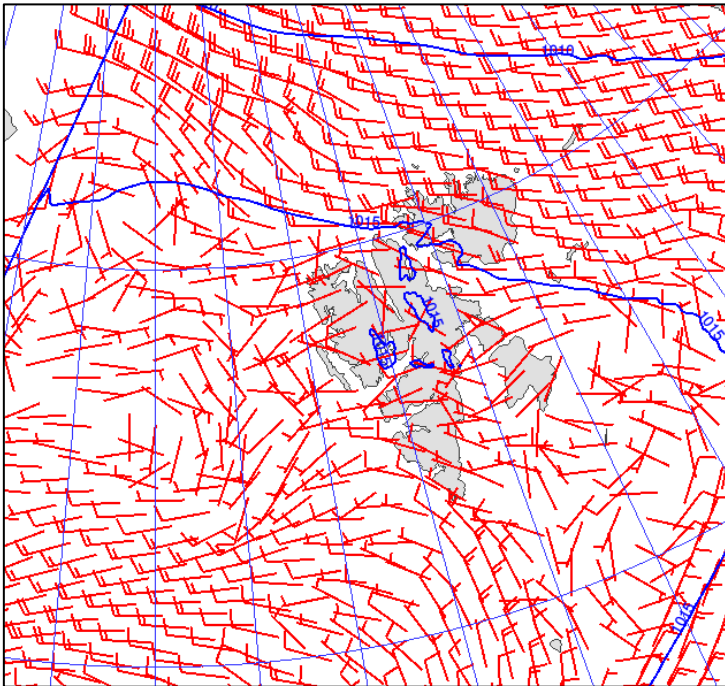


AROME-
Arctic

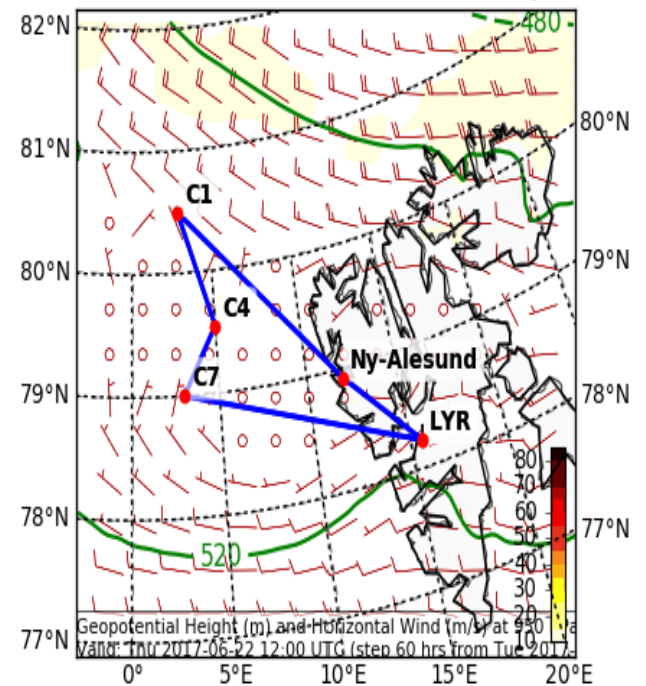
Wind

Thursday 12 UTC

950 hPa

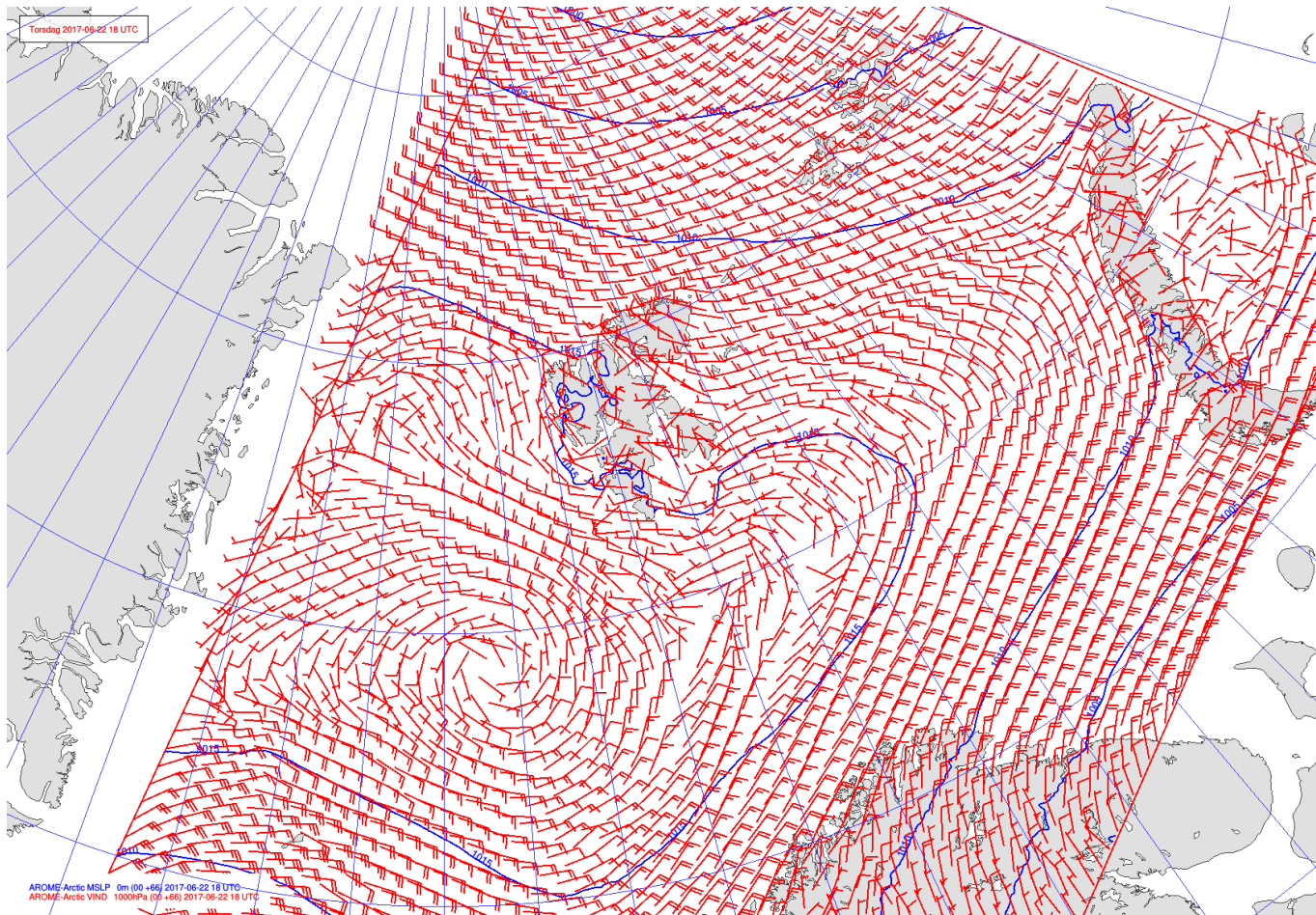


900 hPa



MSLP / $V_{1000hPa}$

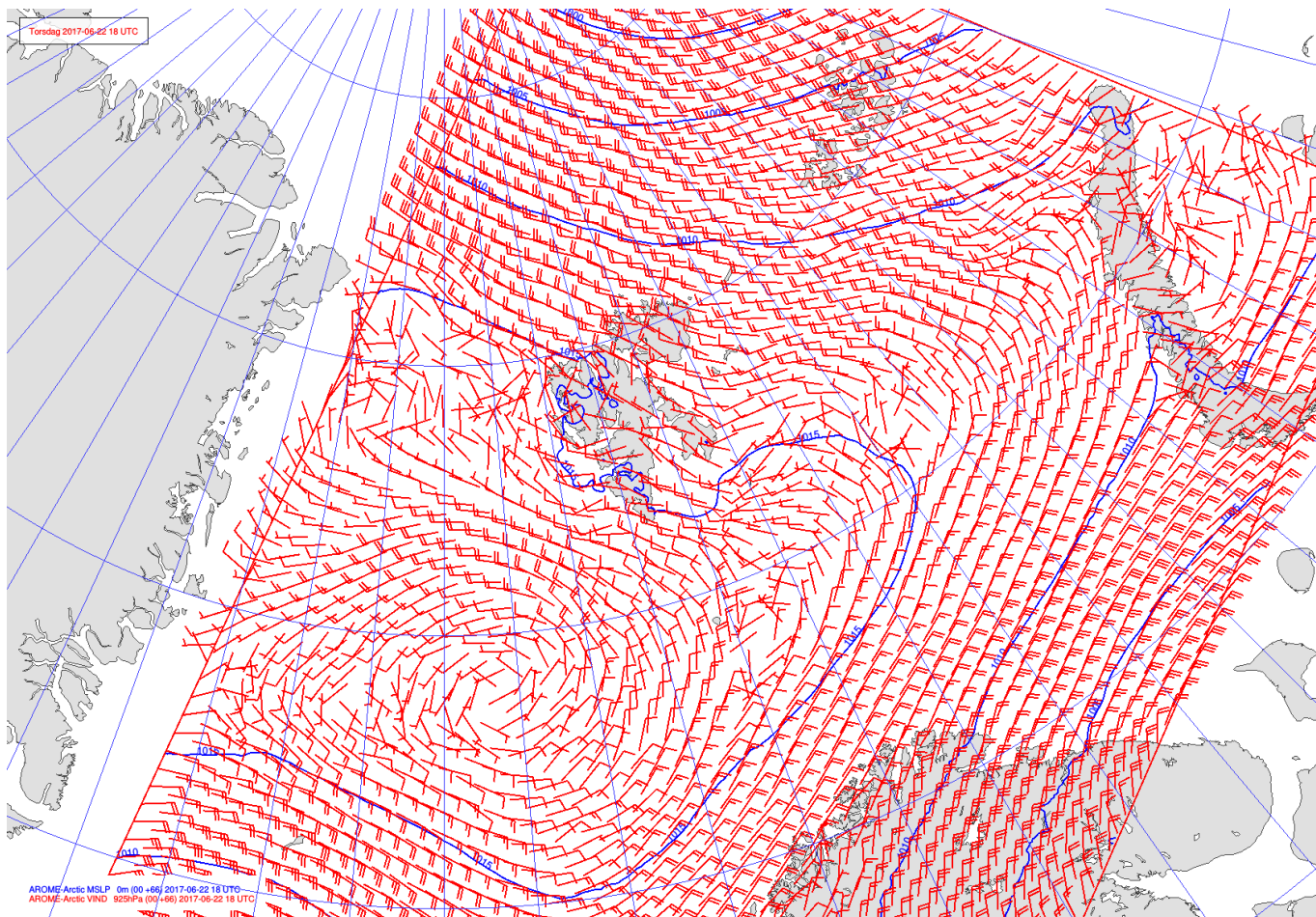
Jun 22
18 UTC



AROME-
Arctic

MSLP / V_{925hPa}

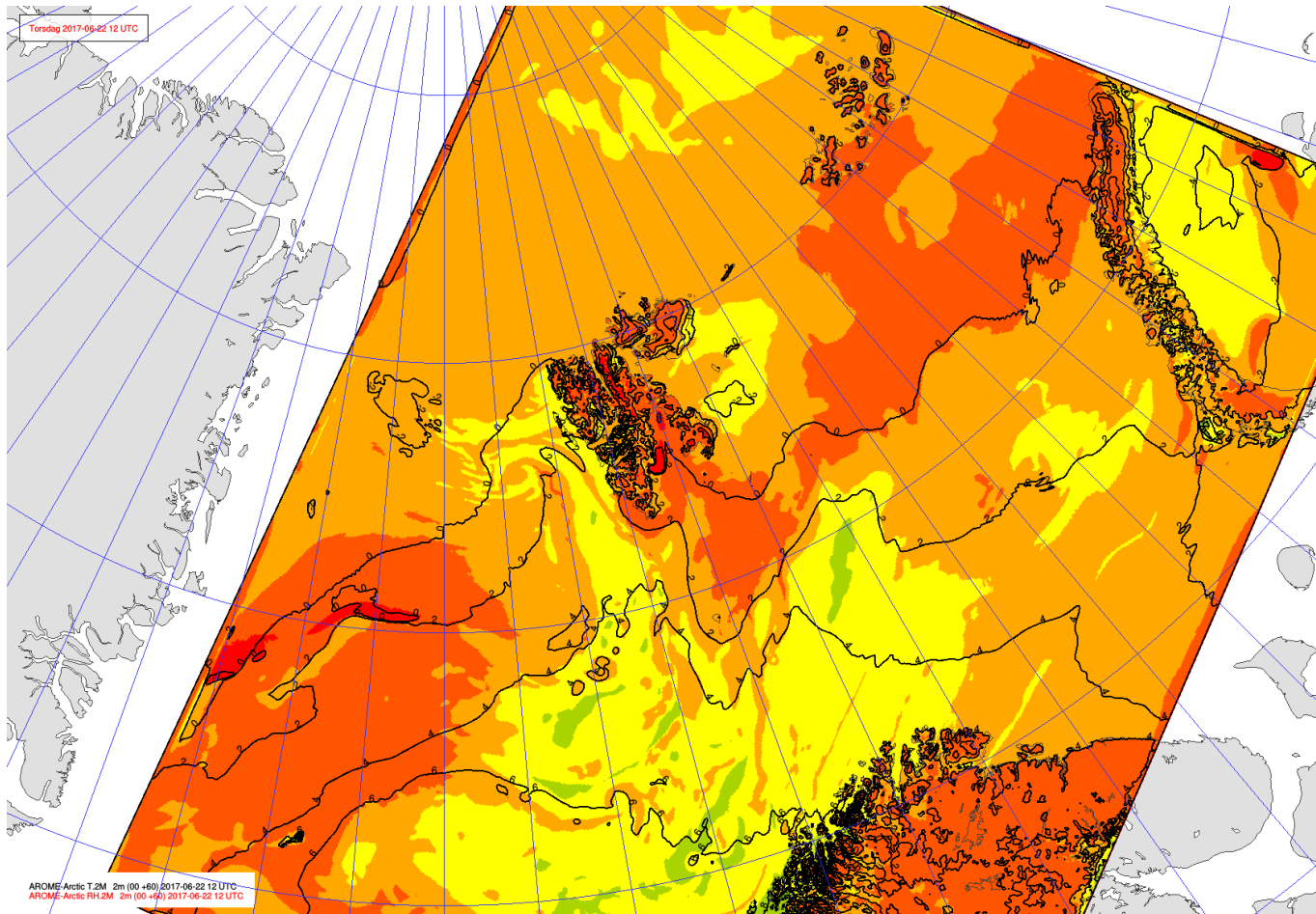
Jun 22
18 UTC



AROME-
Arctic

T_{2m} / RH_{2m}

Jun 22
12 UTC



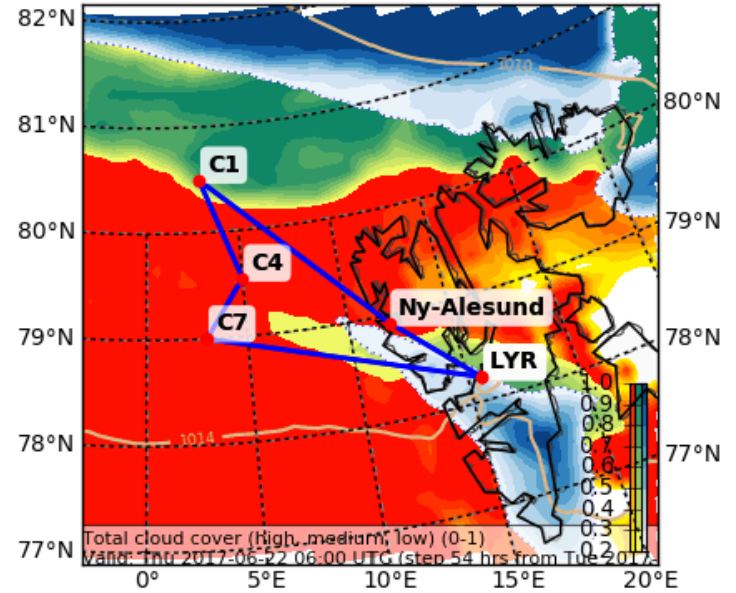
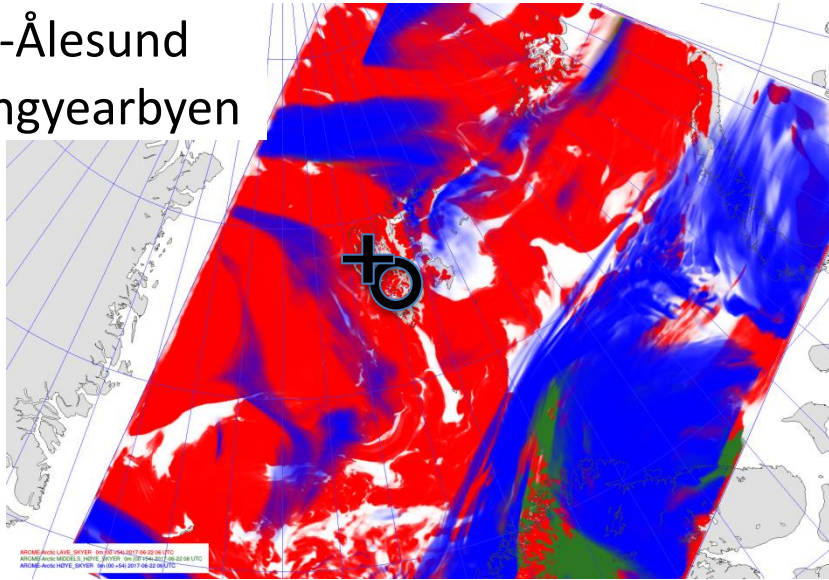
AROME-
Arctic

Tue Jun 22
06 UTC

Cloud cover

Low / Mid / High

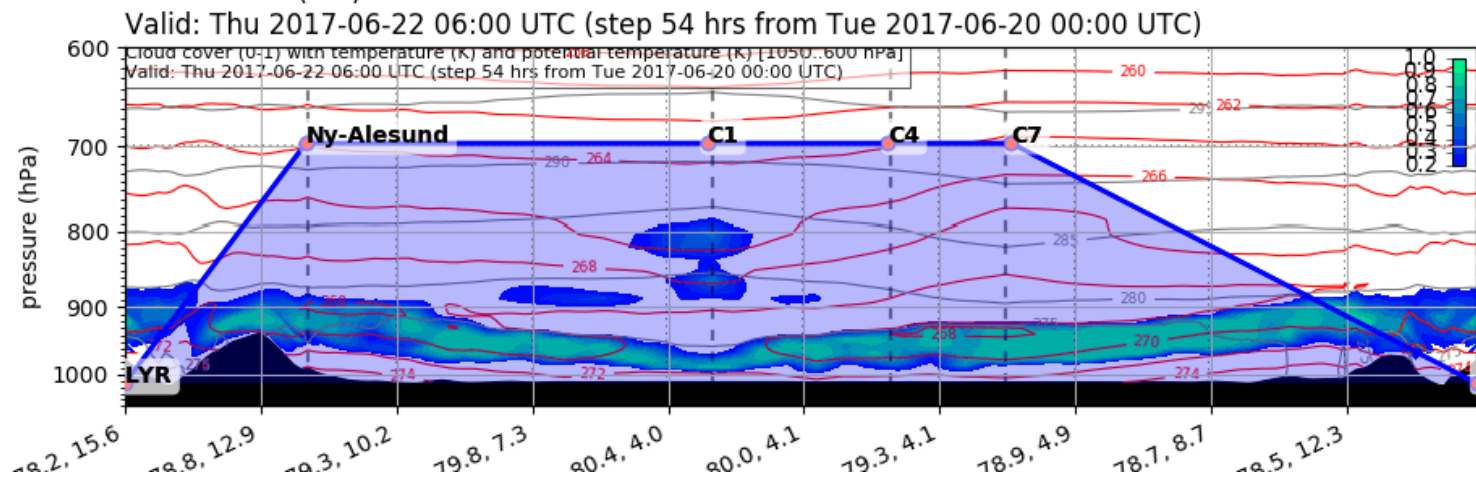
- + Ny-Ålesund
- Longyearbyen



AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF

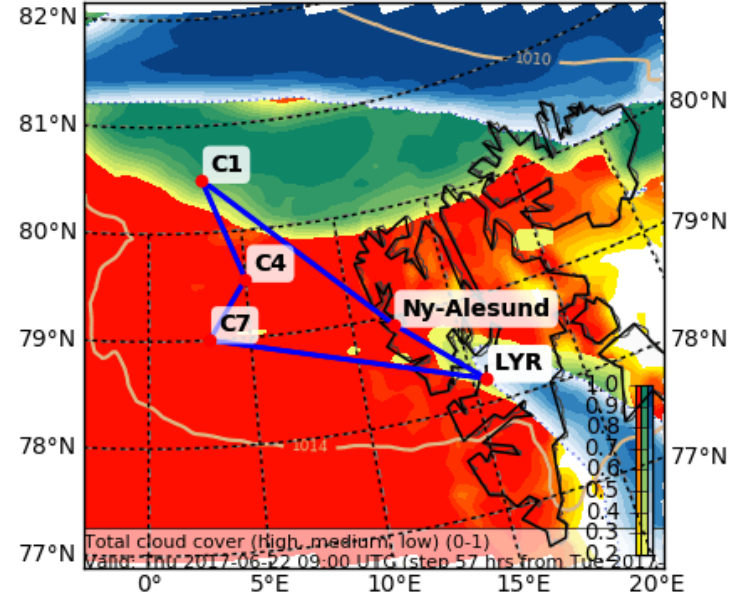
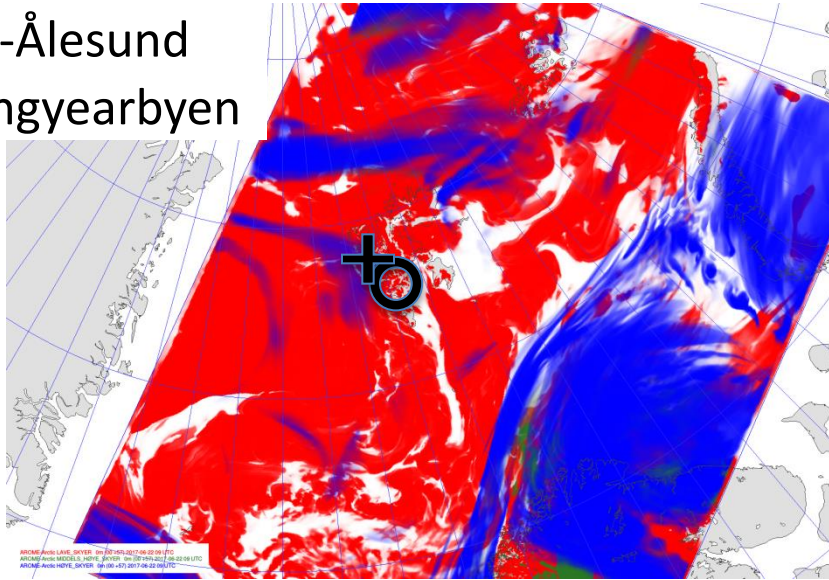


Tue Jun 22
09 UTC

Cloud cover

Low / Mid / High

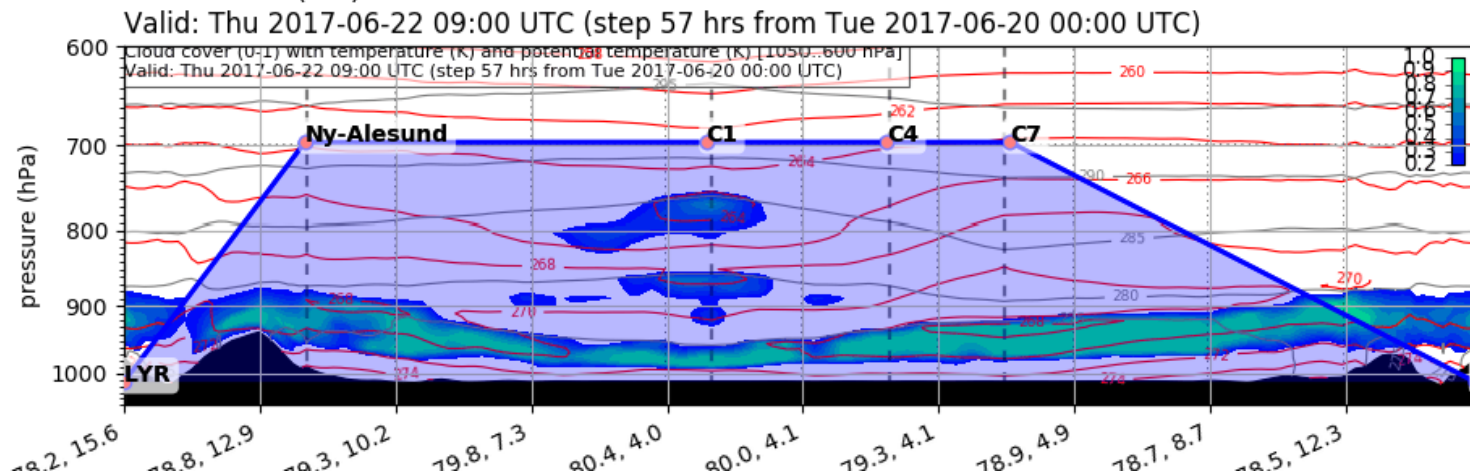
- + Ny-Ålesund
- Longyearbyen



AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF

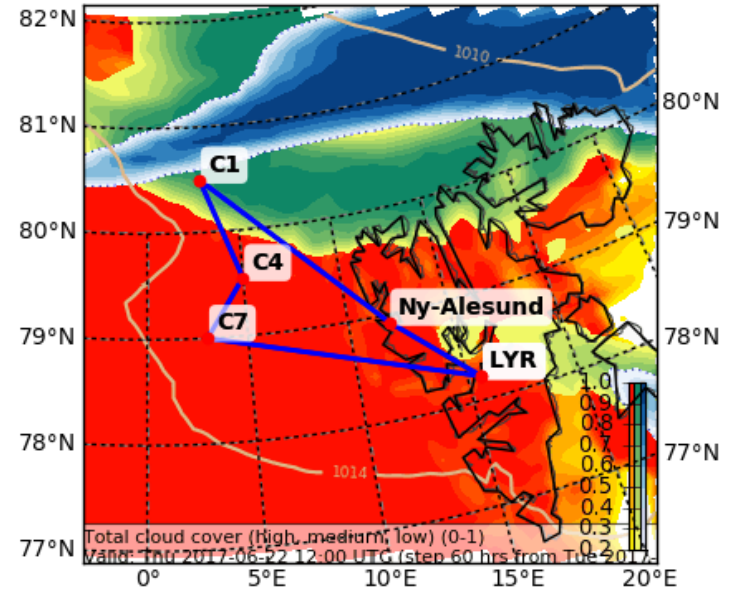
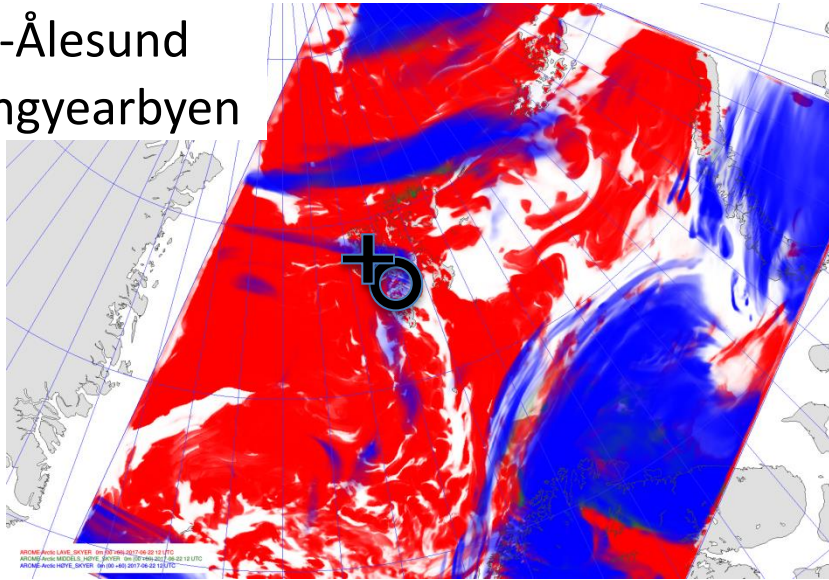


Tue Jun 22
12 UTC

Cloud cover

Low / Mid / High

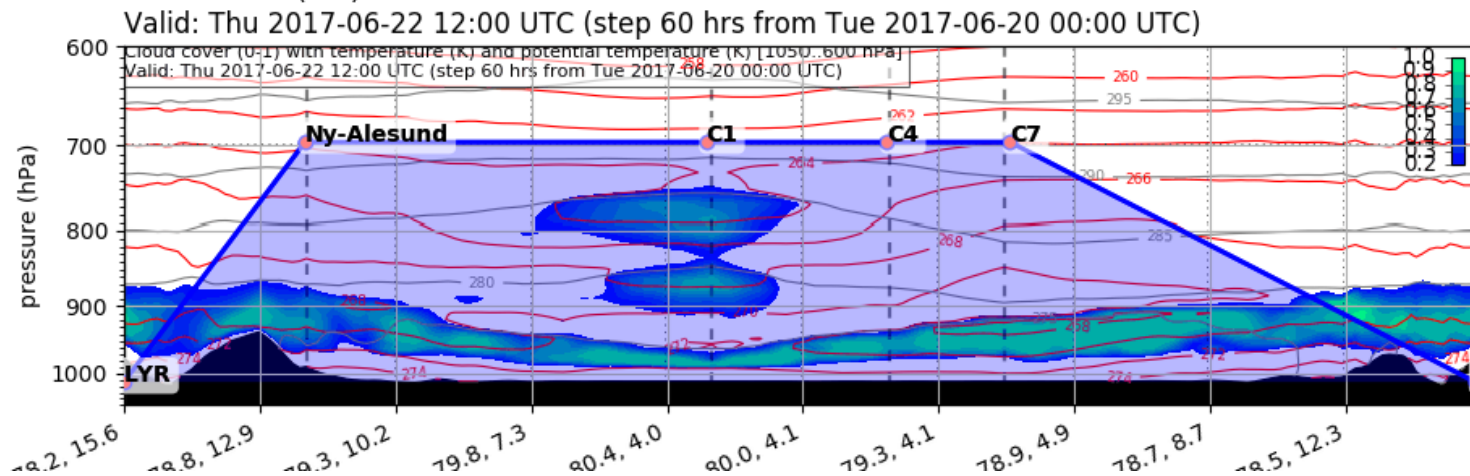
- + Ny-Ålesund
- Longyearbyen



AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF

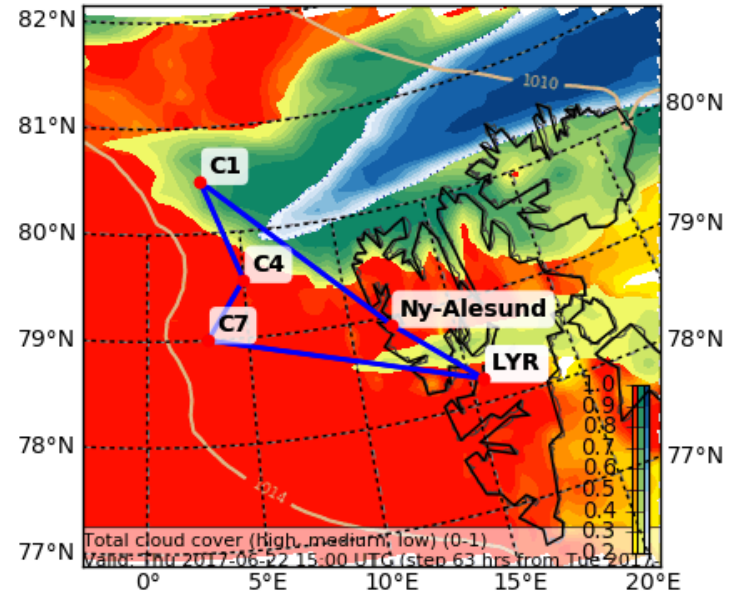
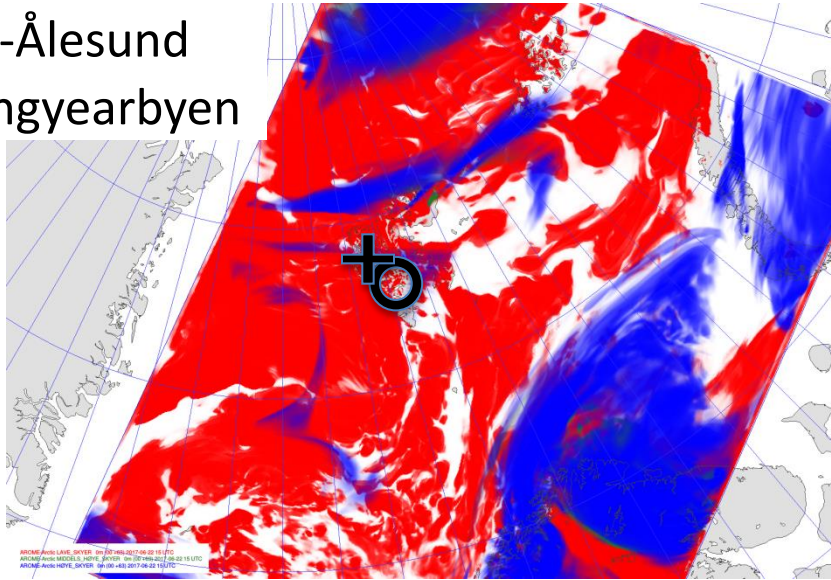


Tue Jun 22
15 UTC

Cloud cover

Low / Mid / High

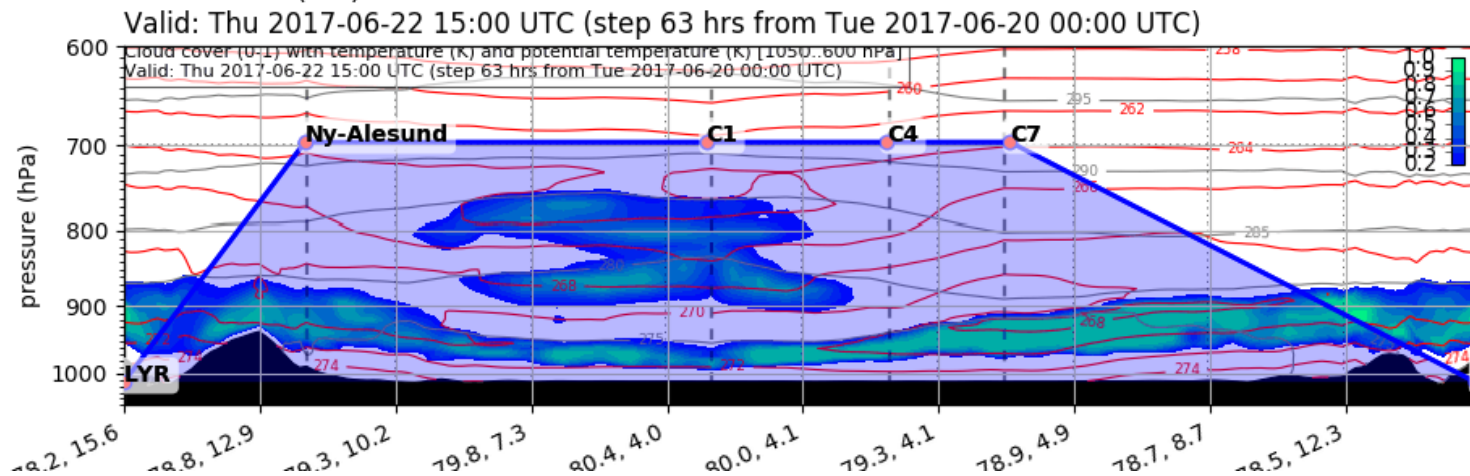
- + Ny-Ålesund
- Longyearbyen



AROME-Arctic

Cloud cover / T (K) / θ (K)

ECMWF

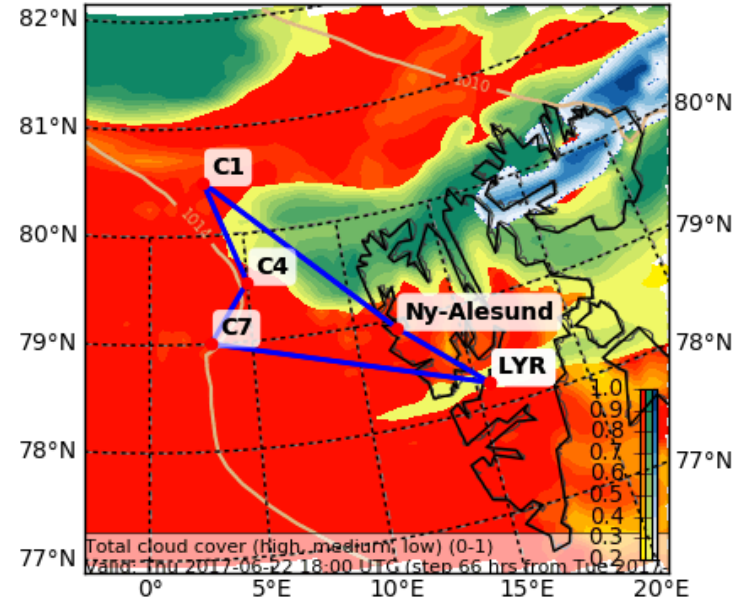
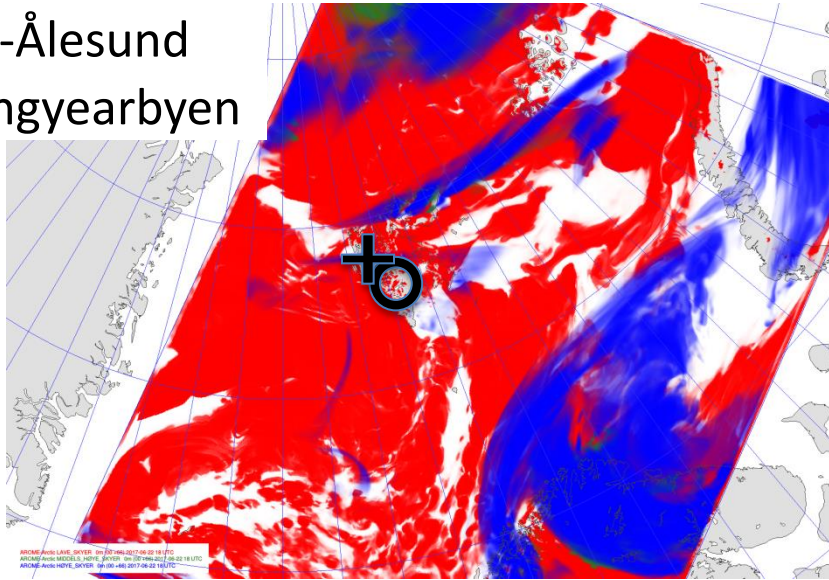


Tue Jun 22
18 UTC

Cloud cover

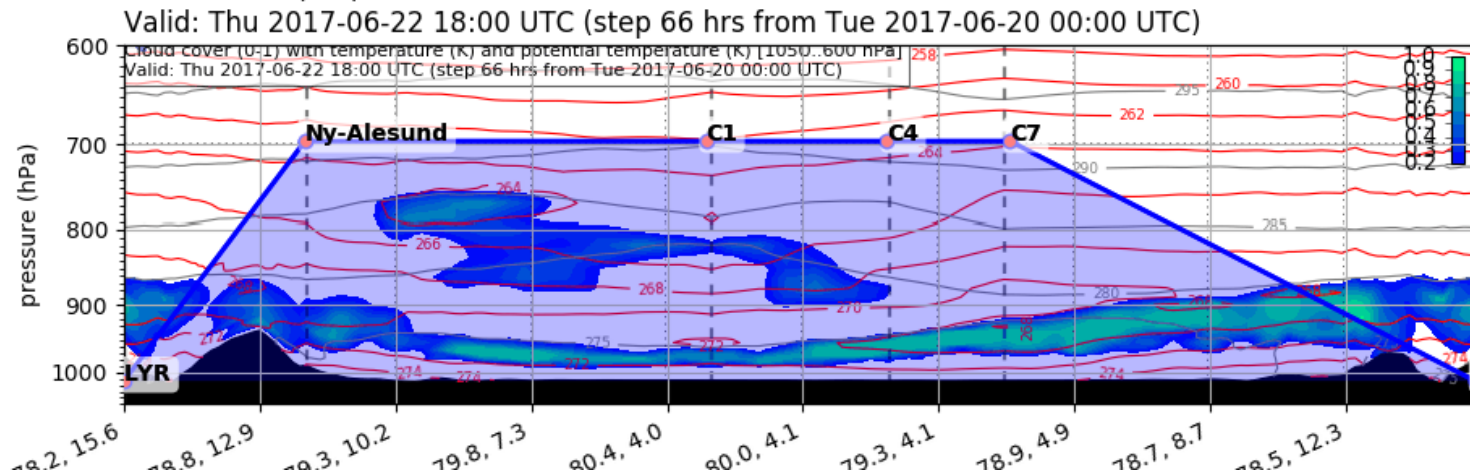
Low / Mid / High

- + Ny-Ålesund
- Longyearbyen



AROME-Arctic

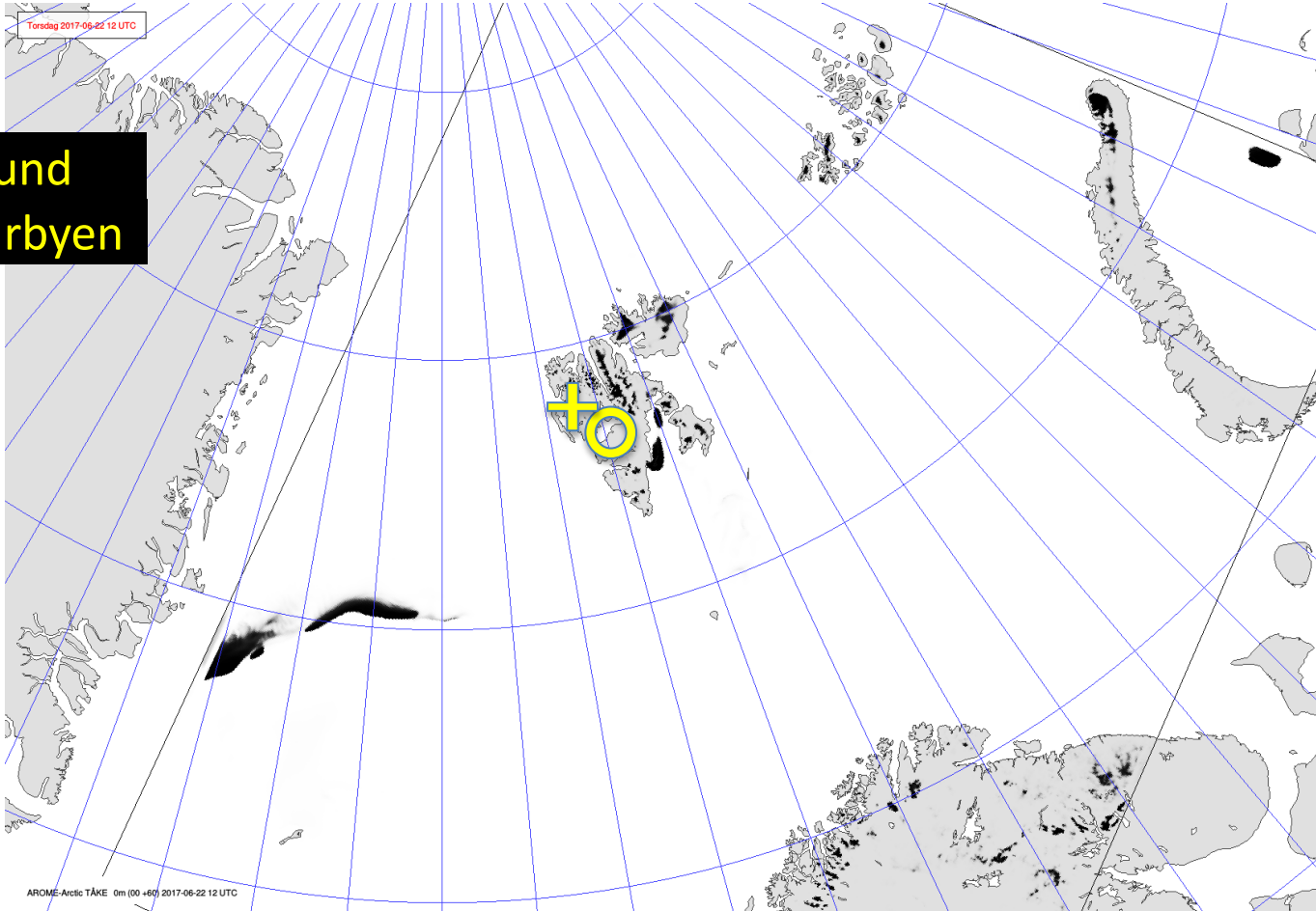
Cloud cover / T (K) / θ (K)



Fog

Jun 22
12 UTC

Low / Medium / High



+ Ny-Ålesund
○ Longyearbyen

AROME-
Arctic

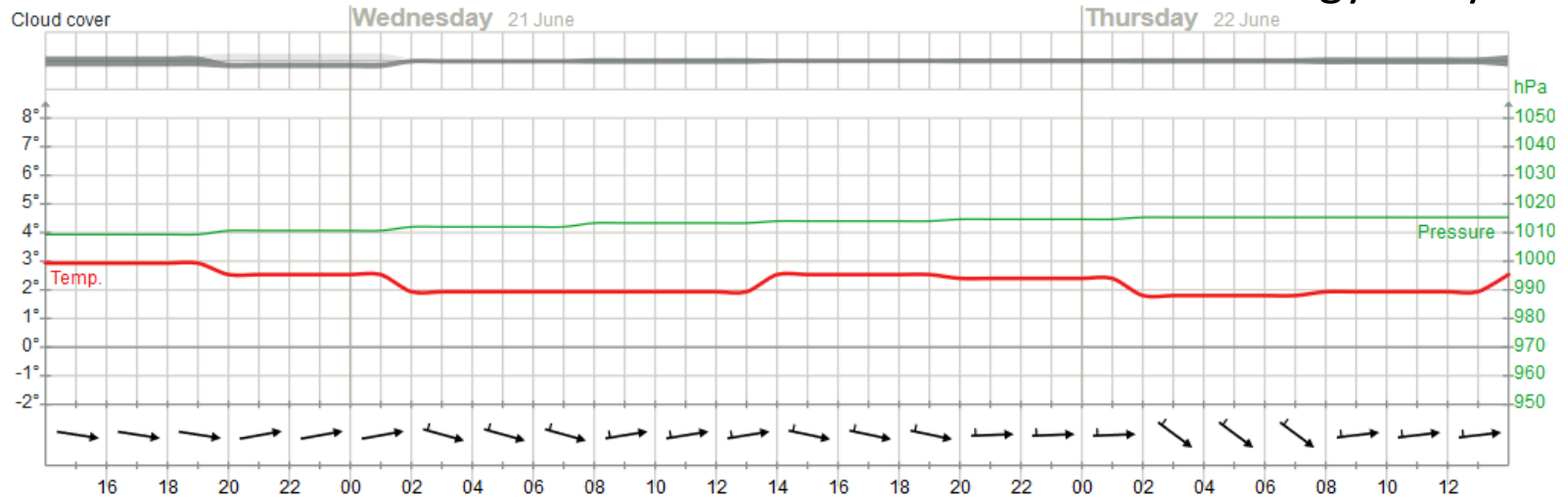
Outlook

Sun 22 – Tue 24 June 2017

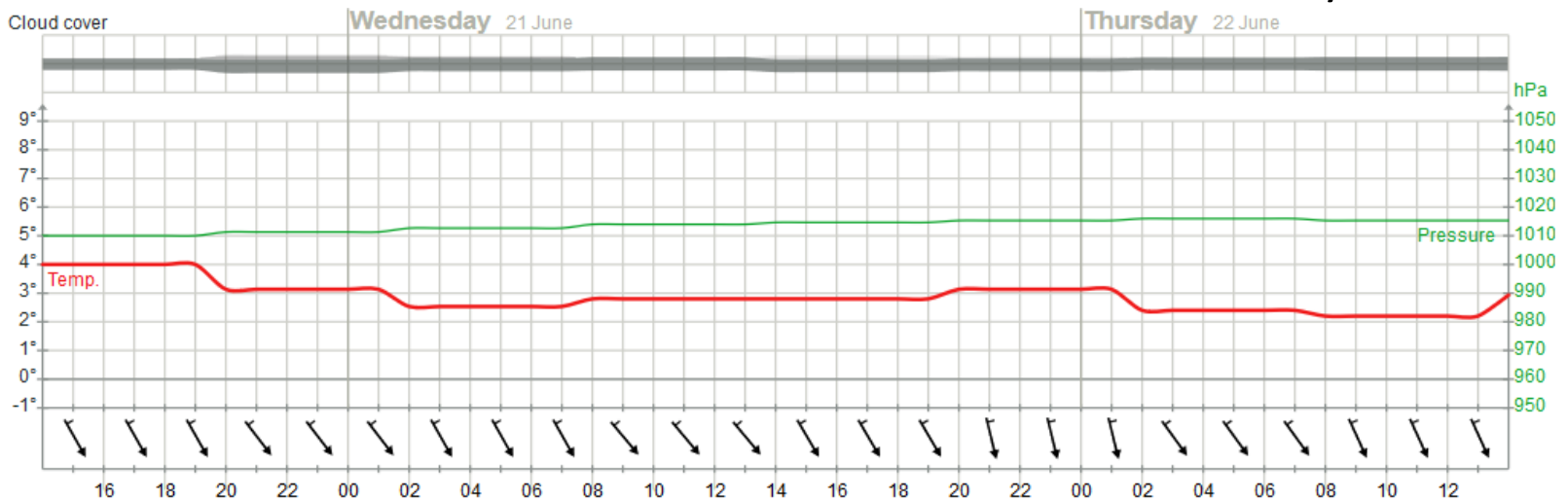
Meteogram

Jun 20-22

Longyearbyen

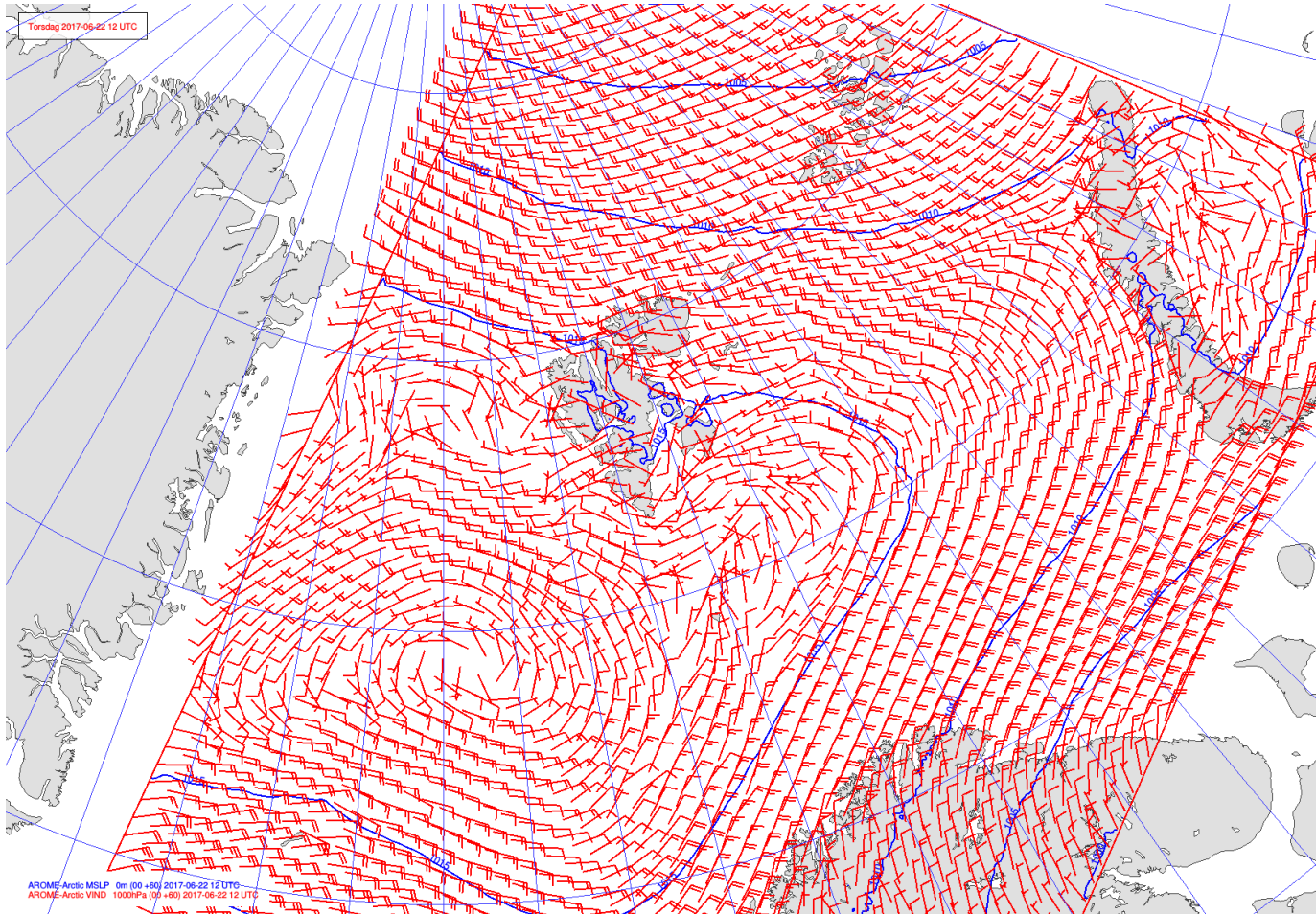


Ny-Ålesund



MSLP / $V_{1000hPa}$

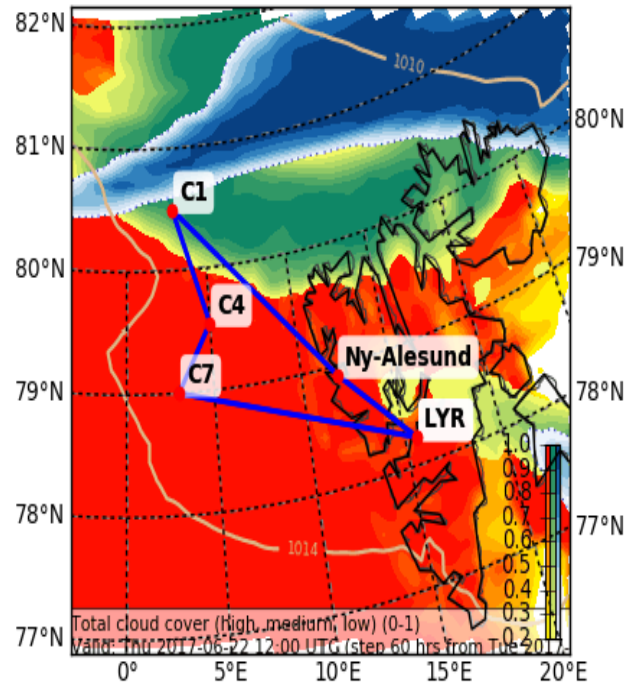
Jun 22
12 UTC



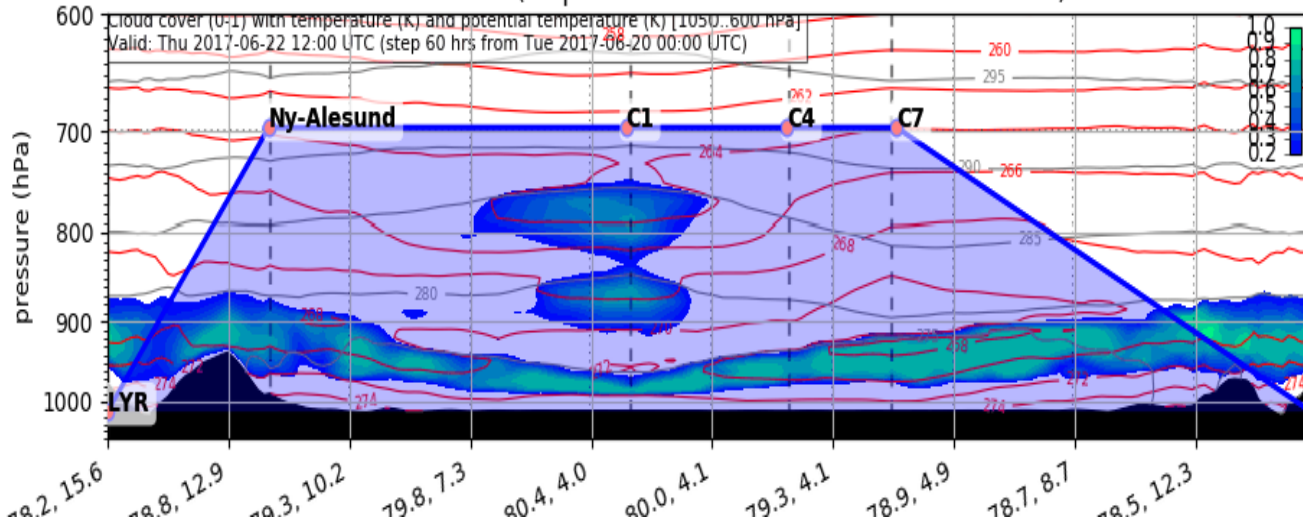
AROME-
Arctic

**Jun 22
12 UTC**

Cloud Cover (0-1) (Total Cloud Cover)
Valid: Thu 2017-06-22 12:00 UTC (step 60 hrs from Tue 2017-06-20 00:00 UTC)



Valid: Thu 2017-06-22 12:00 UTC (step 60 hrs from Tue 2017-06-20 00:00 UTC)



MSLP / v_{surf}

Jun 22
12 UTC

Jun 23
12 UTC

