

Weather briefing

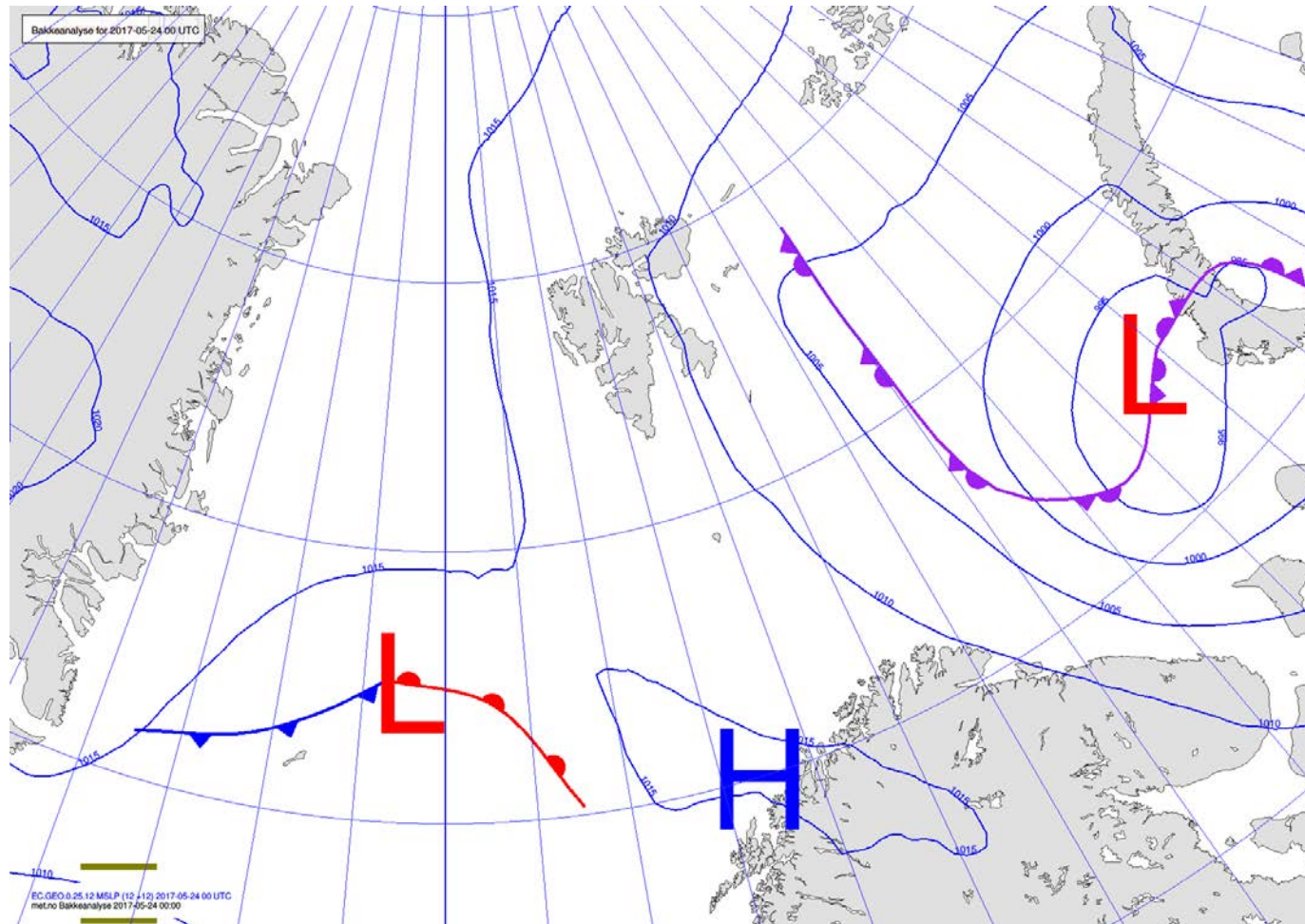
ACLOUD Longyearbyen, Svalbard

Wed 24 May 2017 – **Thu 25 May** – Sat 27 May 2017

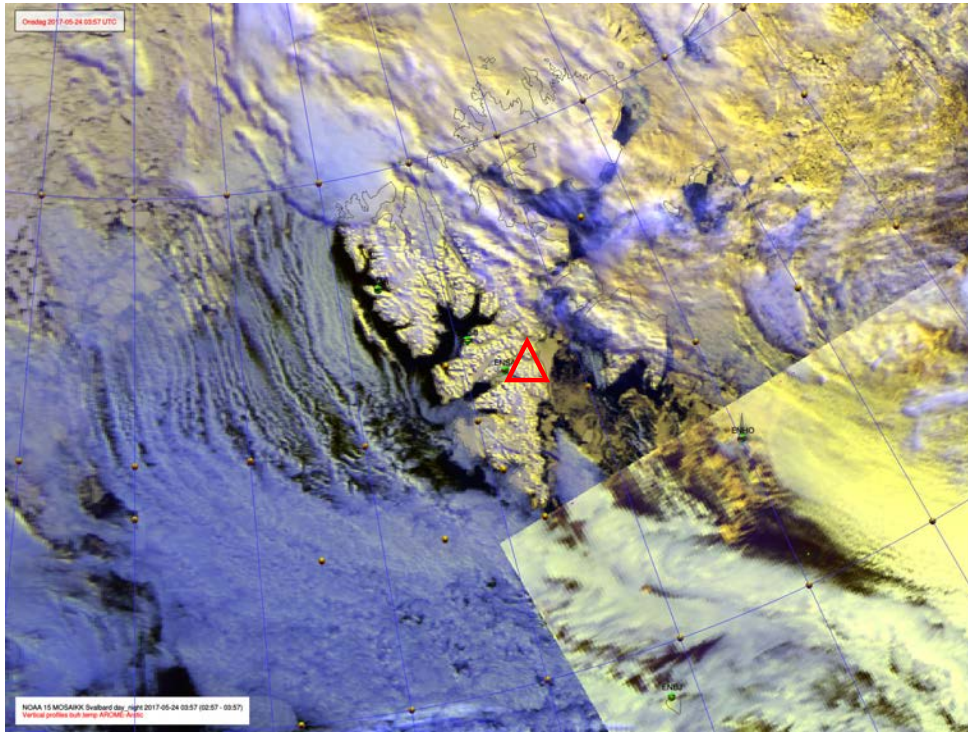
Summary

A low south of Franz Josef land and a high on Greenland directs a northerly airflow over Svalbard area – Arctic cold-air-outbreak in the Fram Strait. Snow showers in north areas and outside the west coast. Partly cloudy/fair and dry in central regions and on the east coast.

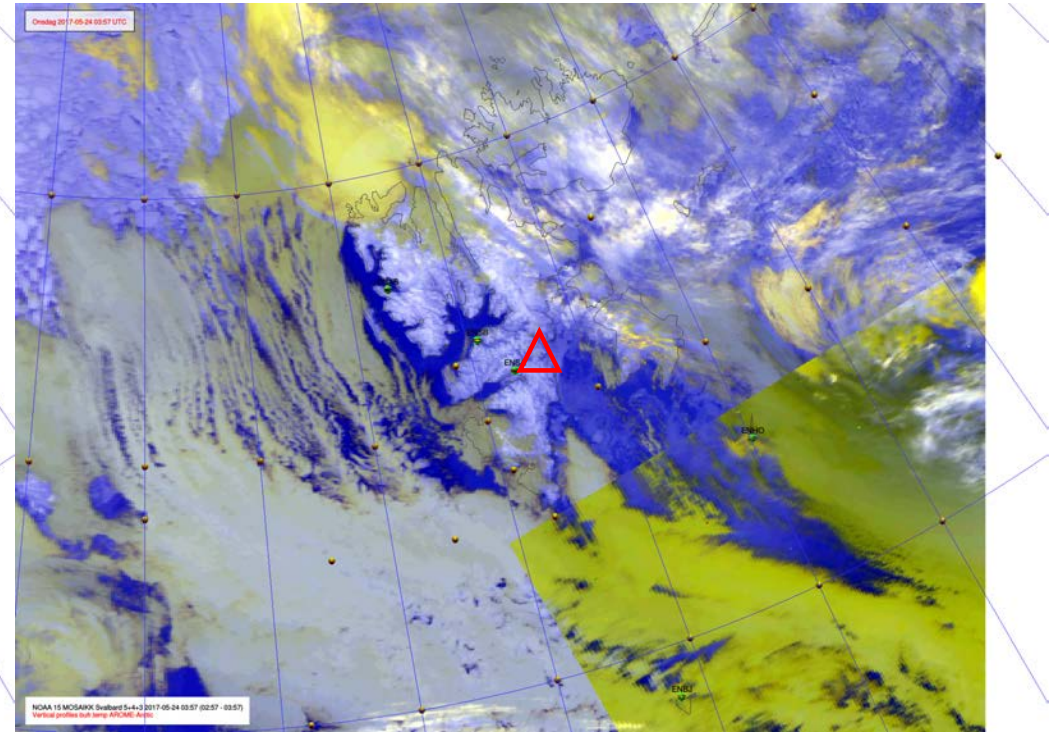
Analysis 24 May 2017 @ 00 UTC



NOAA-19 24 May 2017 @ 0357 UTC

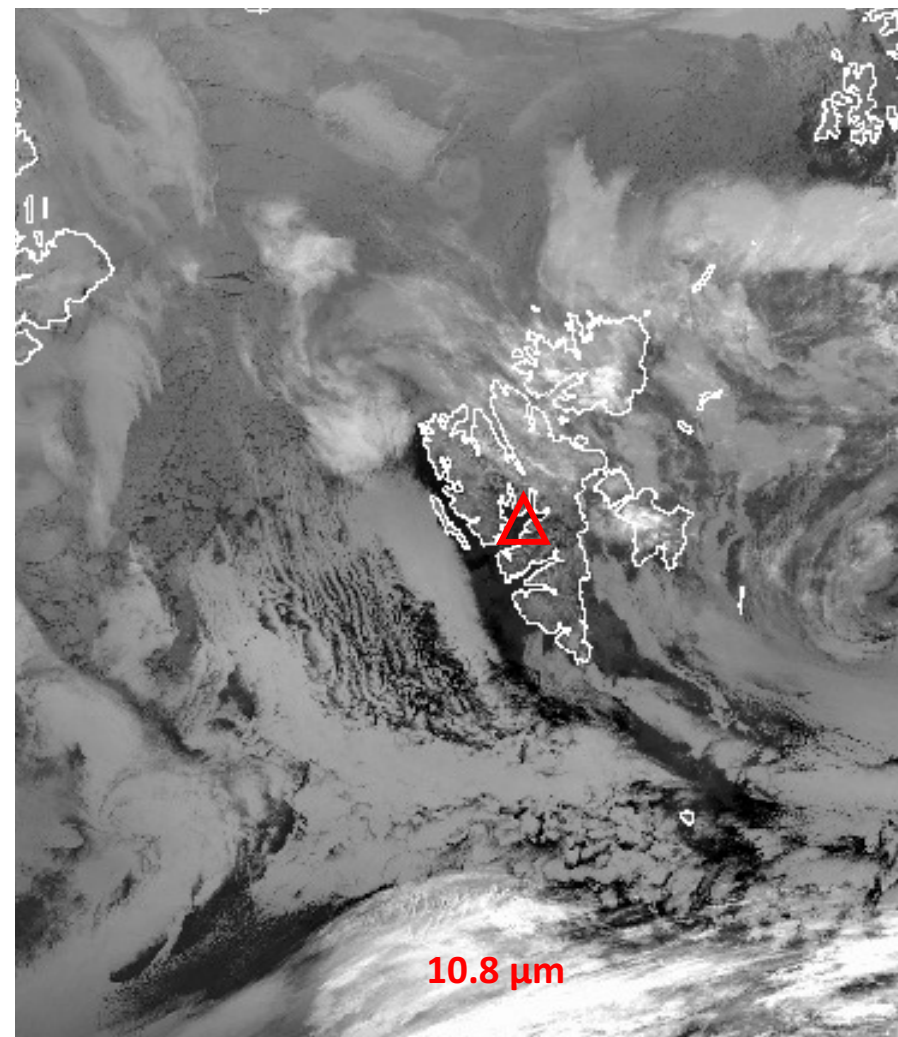
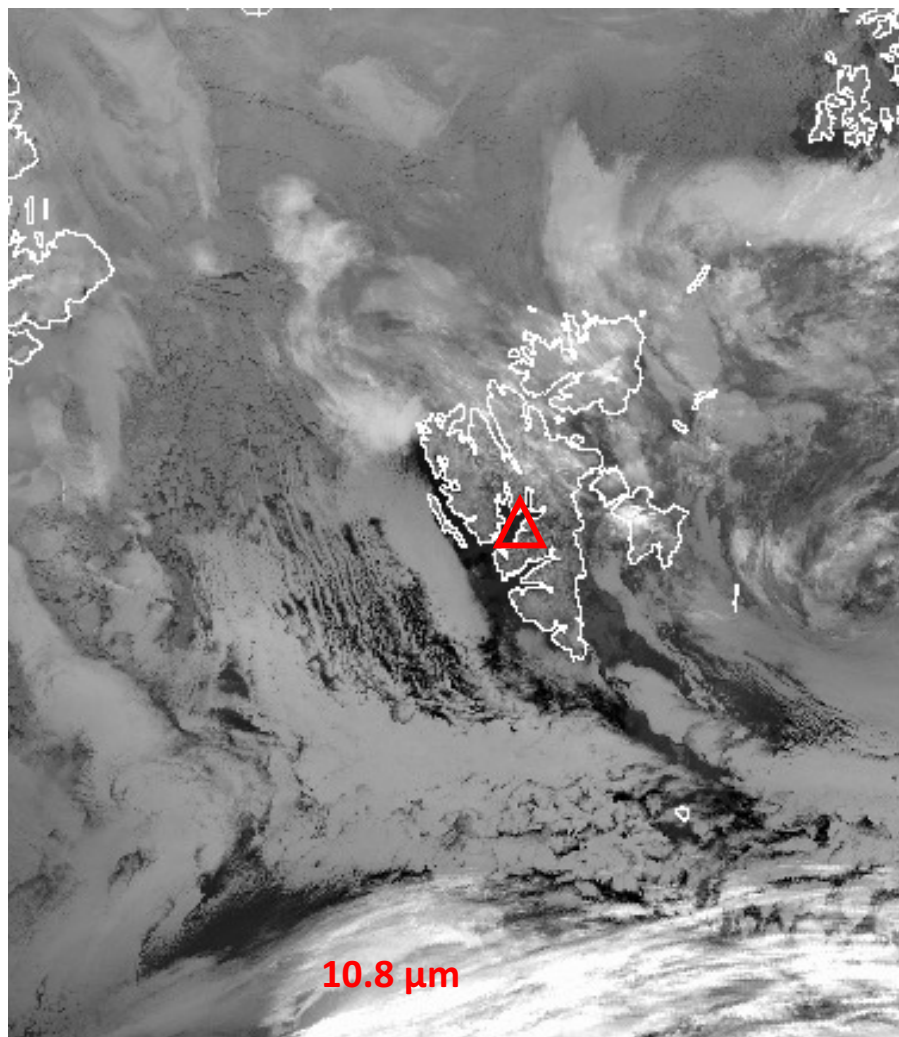


10.8 μm



IR, Ch 5+4+3

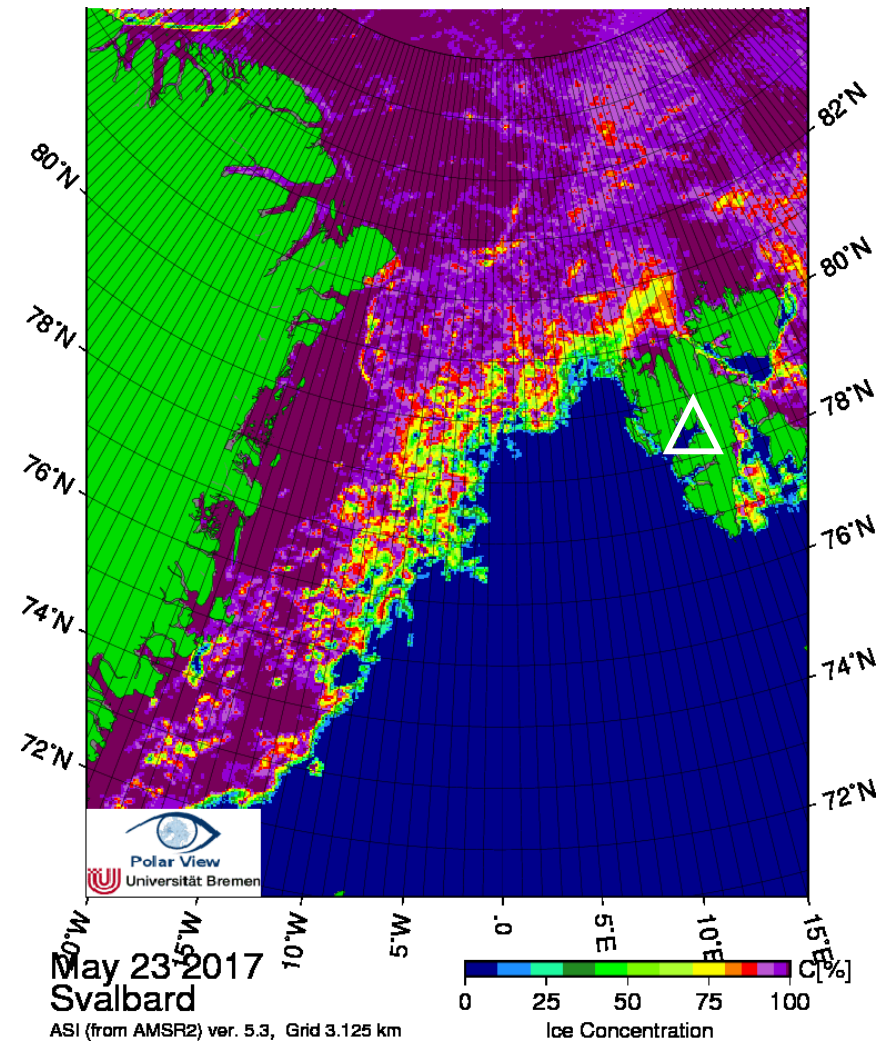
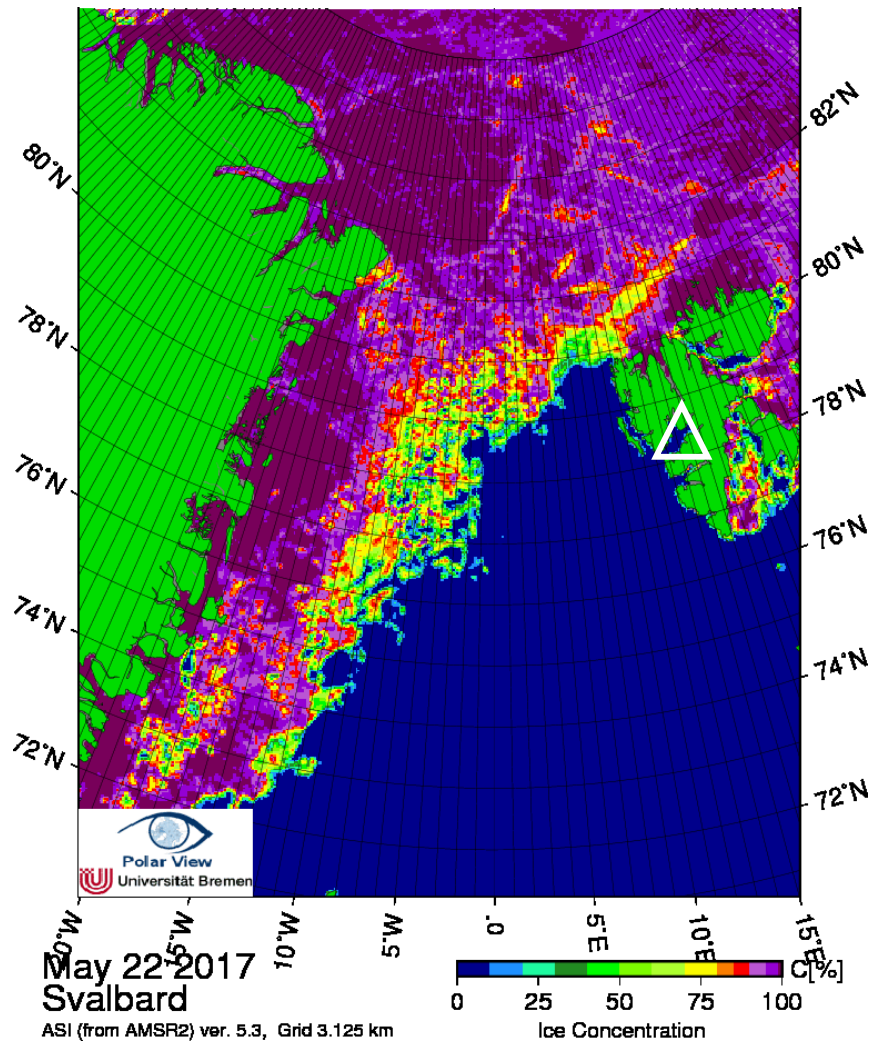
NOAA-19 24 May 2017 @ 0805 & 0947 UTC



NOAA 24 May 2017 @ 0300-1200 UTC

20170524_0000

Arctic sea ice 22 & 23 May 2017



Flight Day

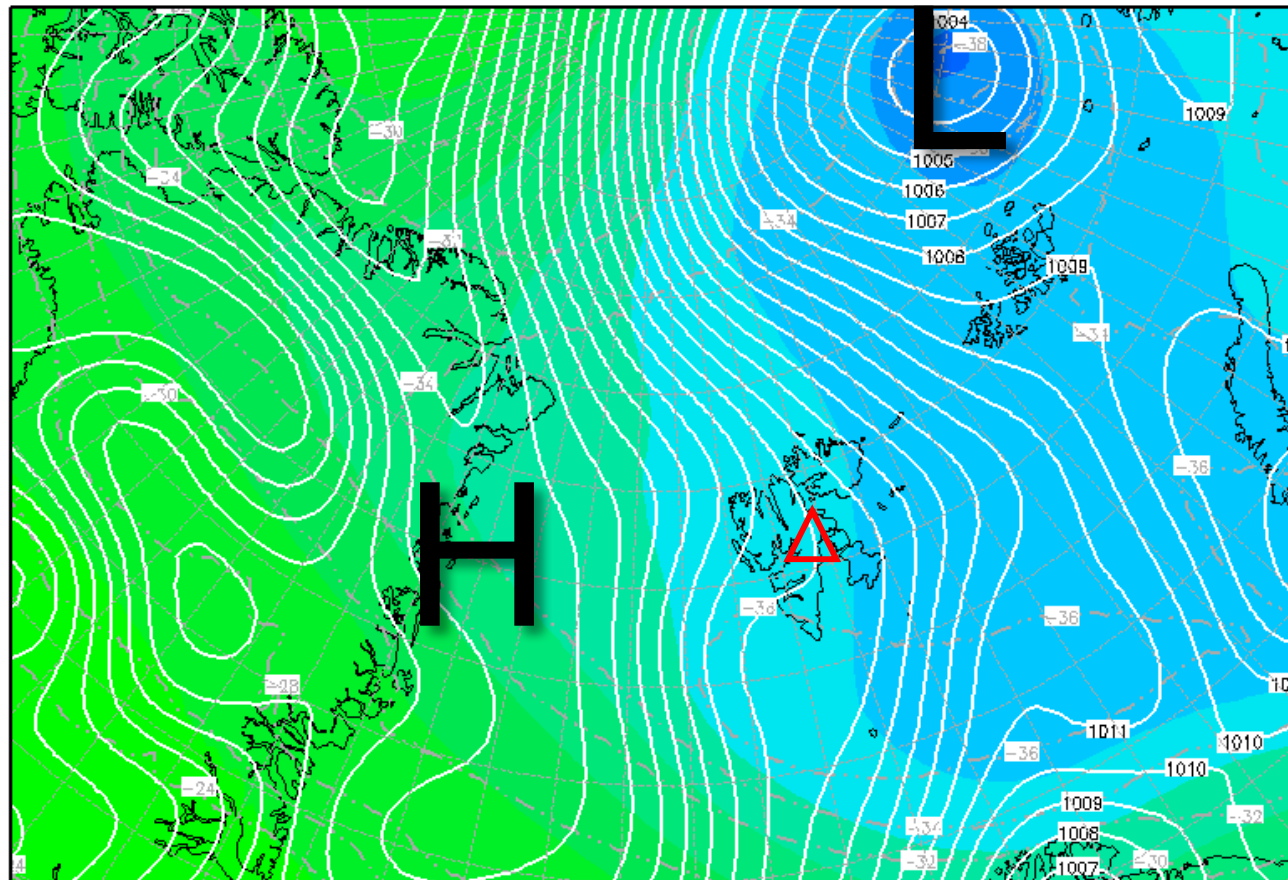
Thu 25 May 2017

500-hPa Geopotential 25 May 2017 @ 12 UTC

Init : Wed,24MAY2017 00Z

Valid: Thu,25MAY2017 12Z

500 hPa Geopot.(gpdm), T (C) und Bodendr. (hPa)

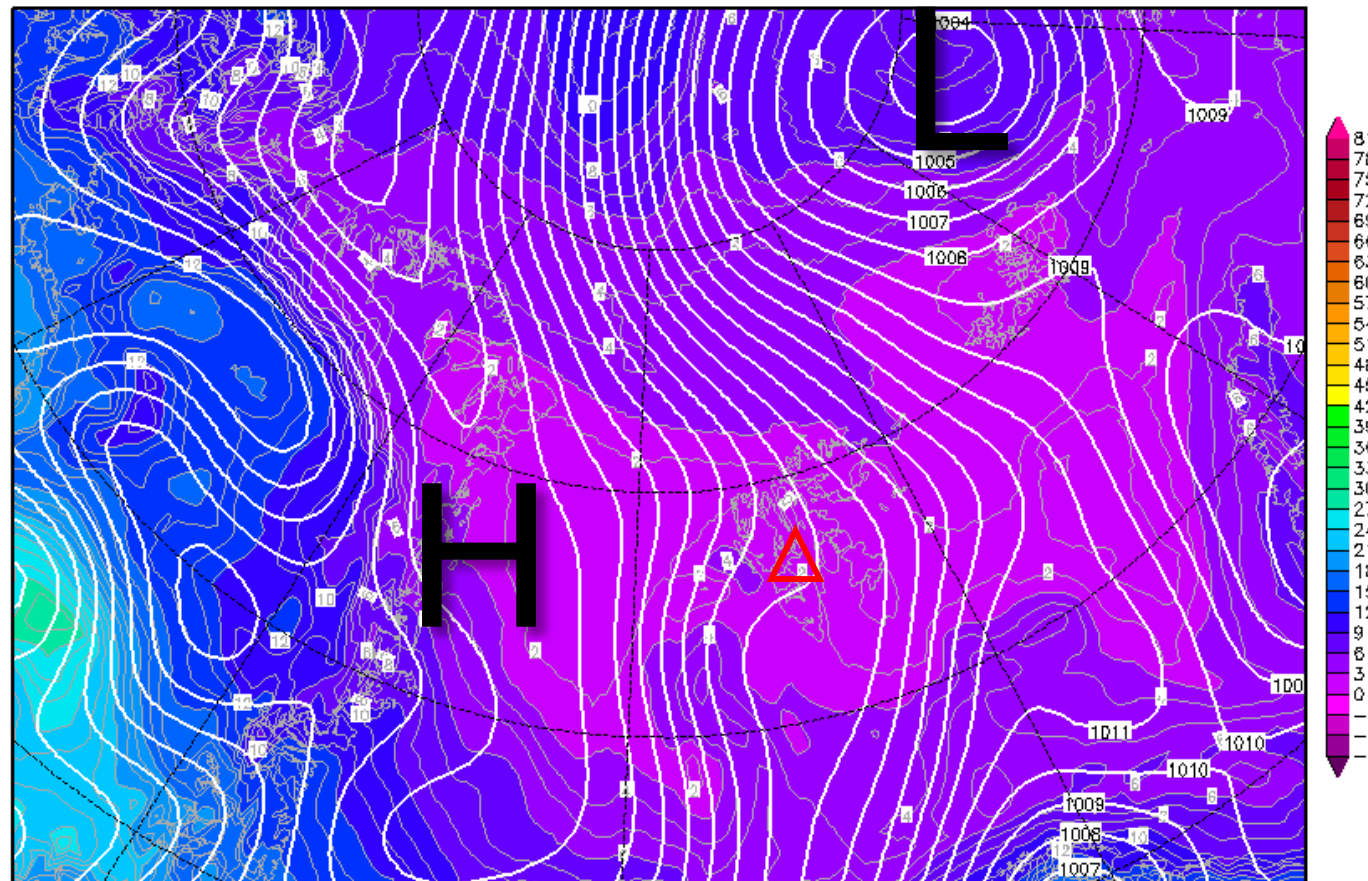


850-hPa Theta Equiv. 25 May 2017 @ 12 UTC

Init : Wed,24MAY2017 00Z

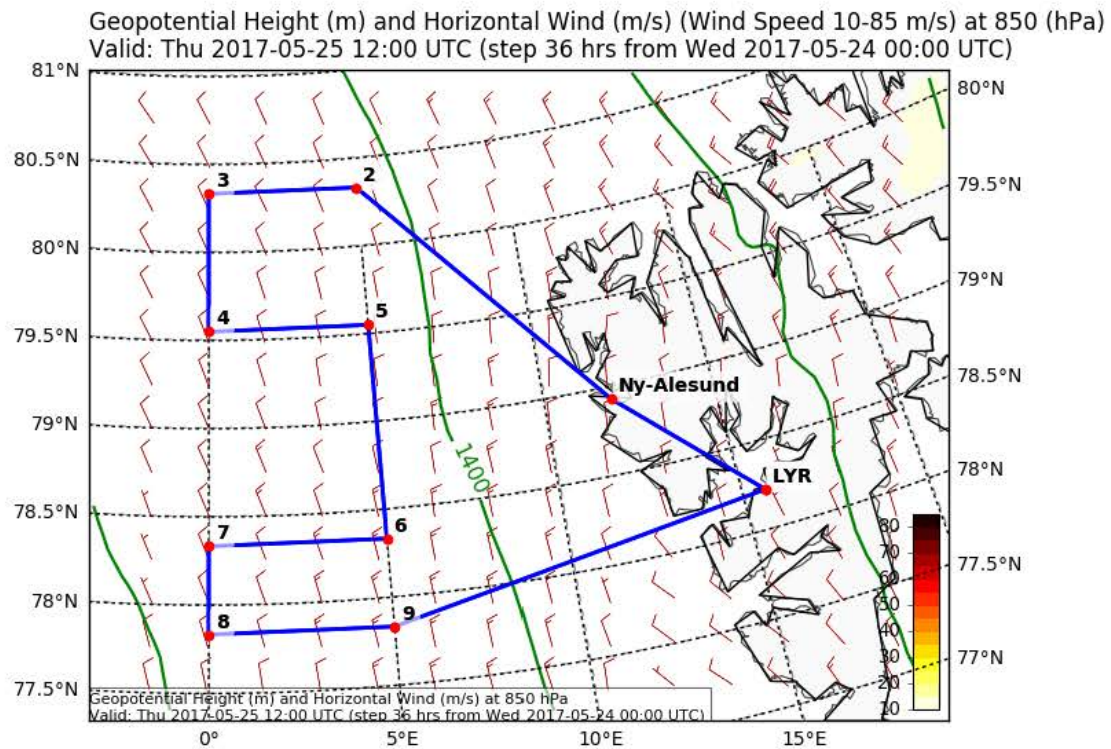
Valid: Thu,25MAY2017 12Z

Bodendruck (hPa) und 850 hPa Aeq.Pot.T. (Grad C)

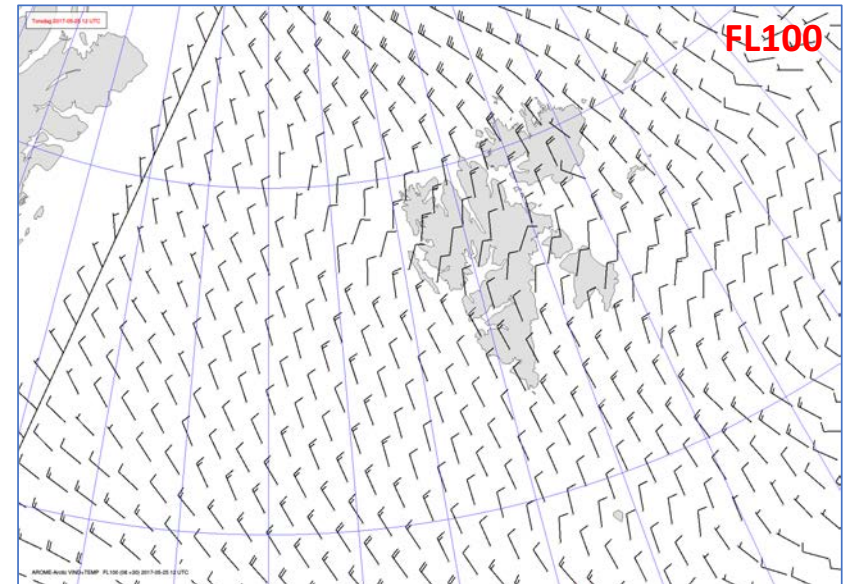
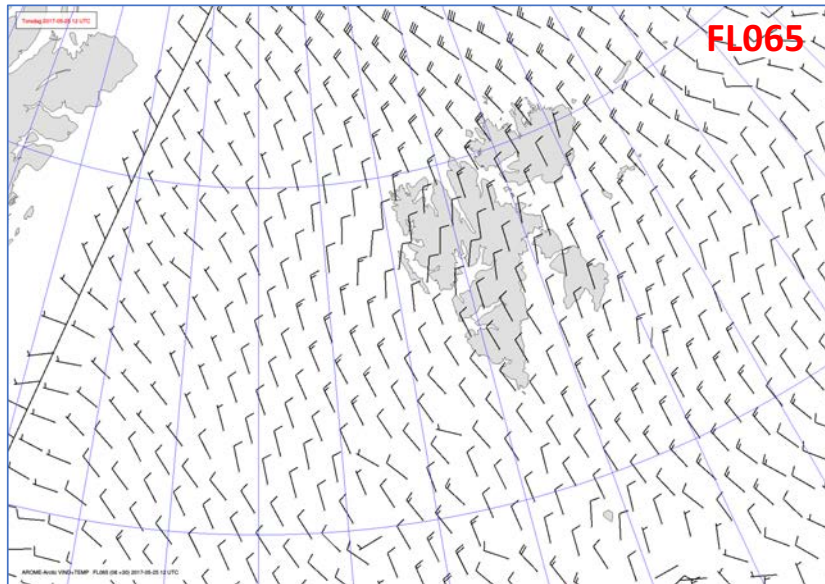


Daten: GFS-Modell des amerikanischen Wetterdienstes
(C) Wetterzentrale
www.wetterzentrale.de

Forecast Tomorrow 12 UTC



Wind 25 May 2017 @ 12 UTC

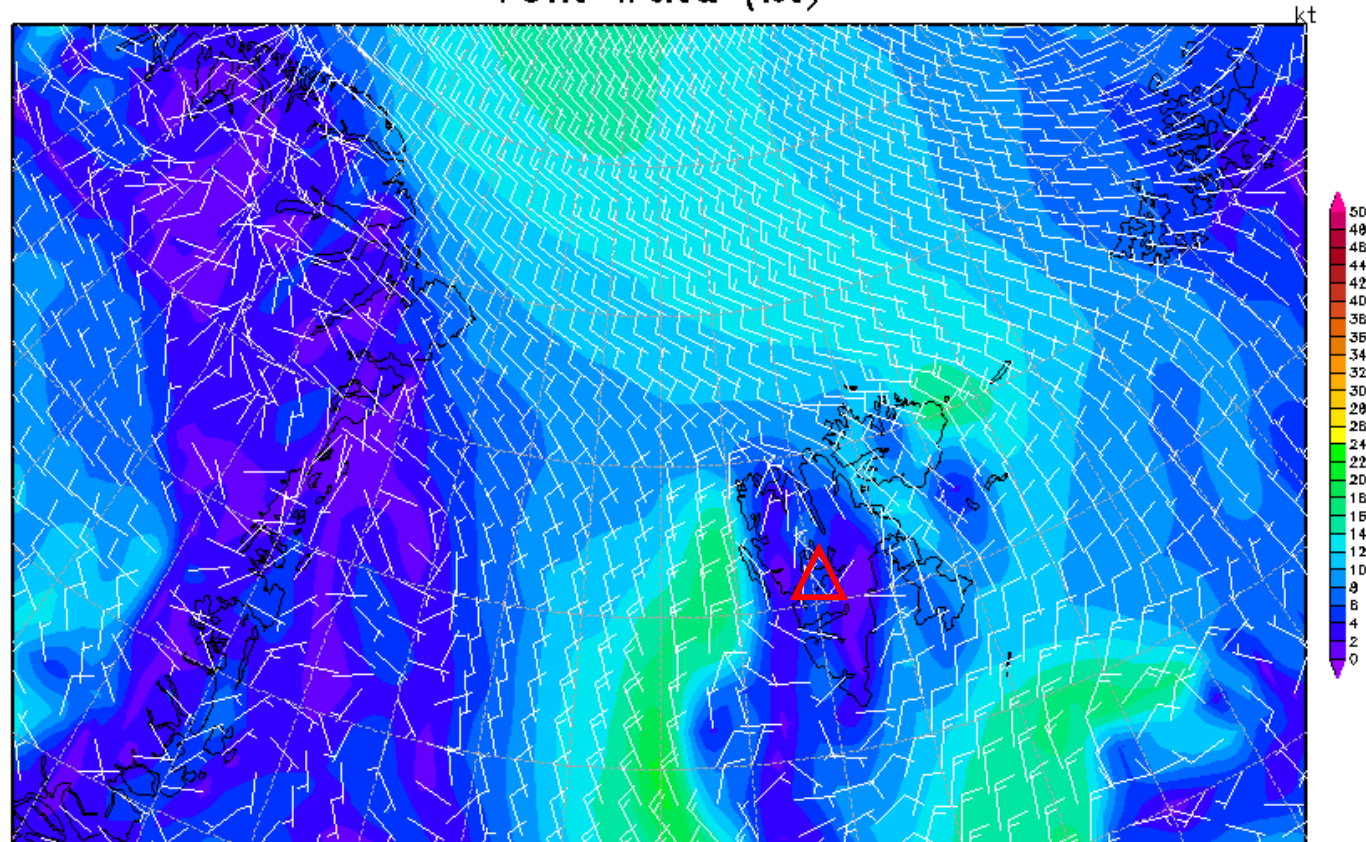


10-m Wind 25 May 2017 @ 12 UTC

Init : Wed,24MAY2017 00Z

Valid: Thu,25MAY2017 12Z

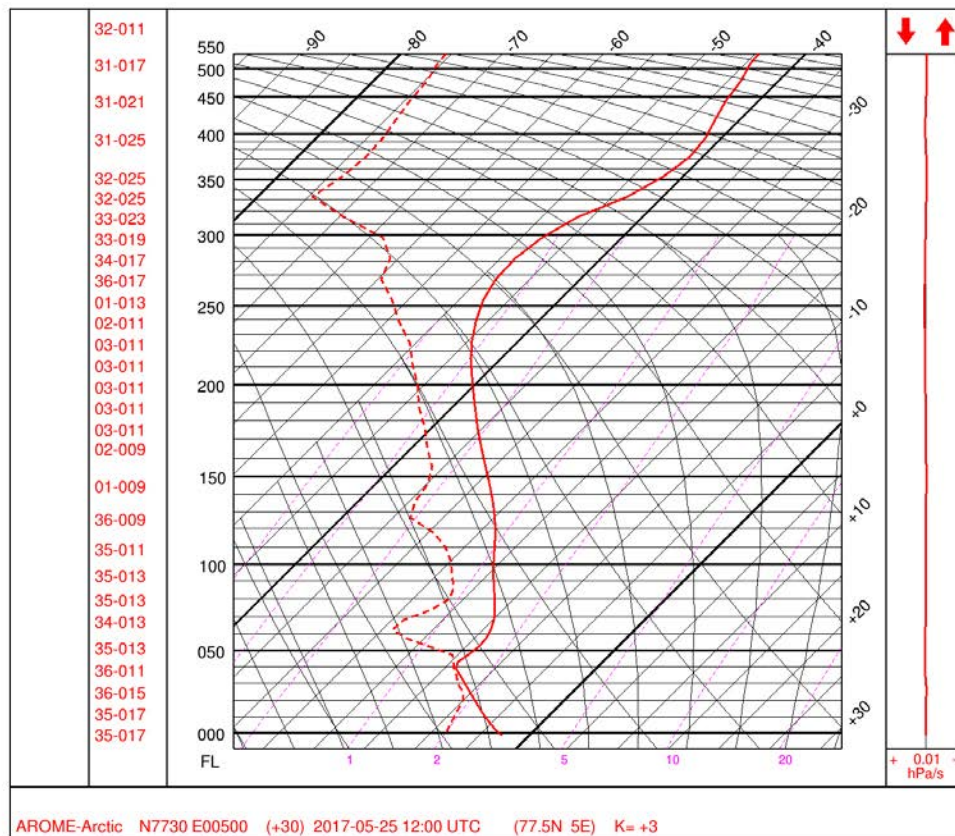
10m Wind (kt)



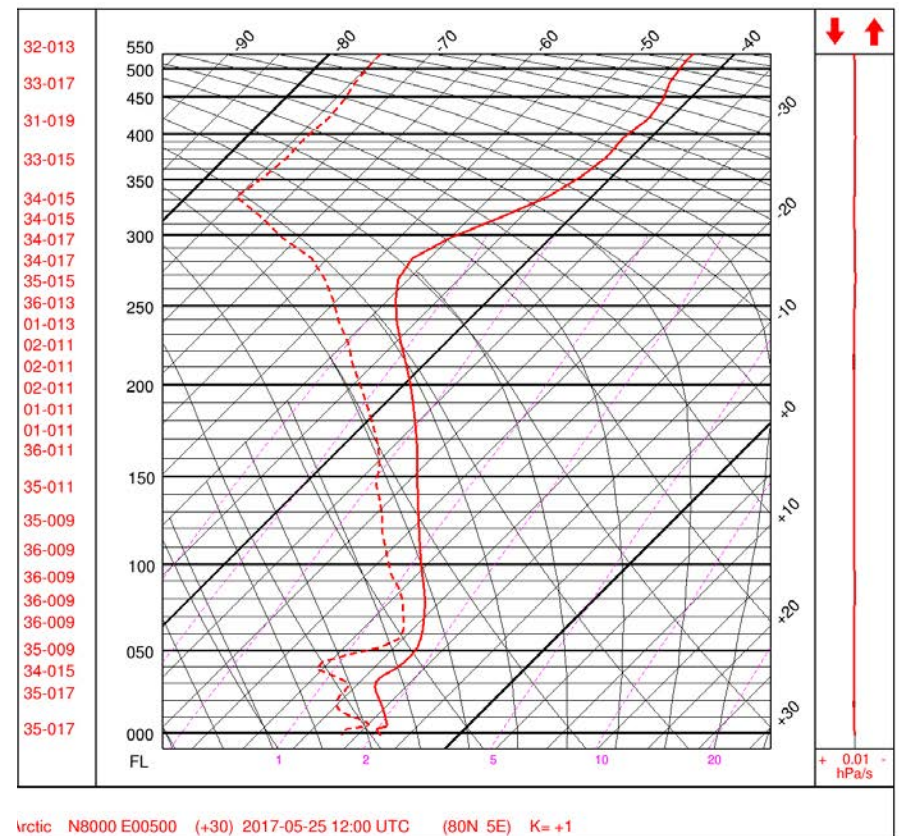
Daten: GFS-Modell des amerikanischen Wetterdienstes
(C) Wetterzentrale
www.wetterzentrale.de

Soundings 25 May 2017 @ 12 UTC

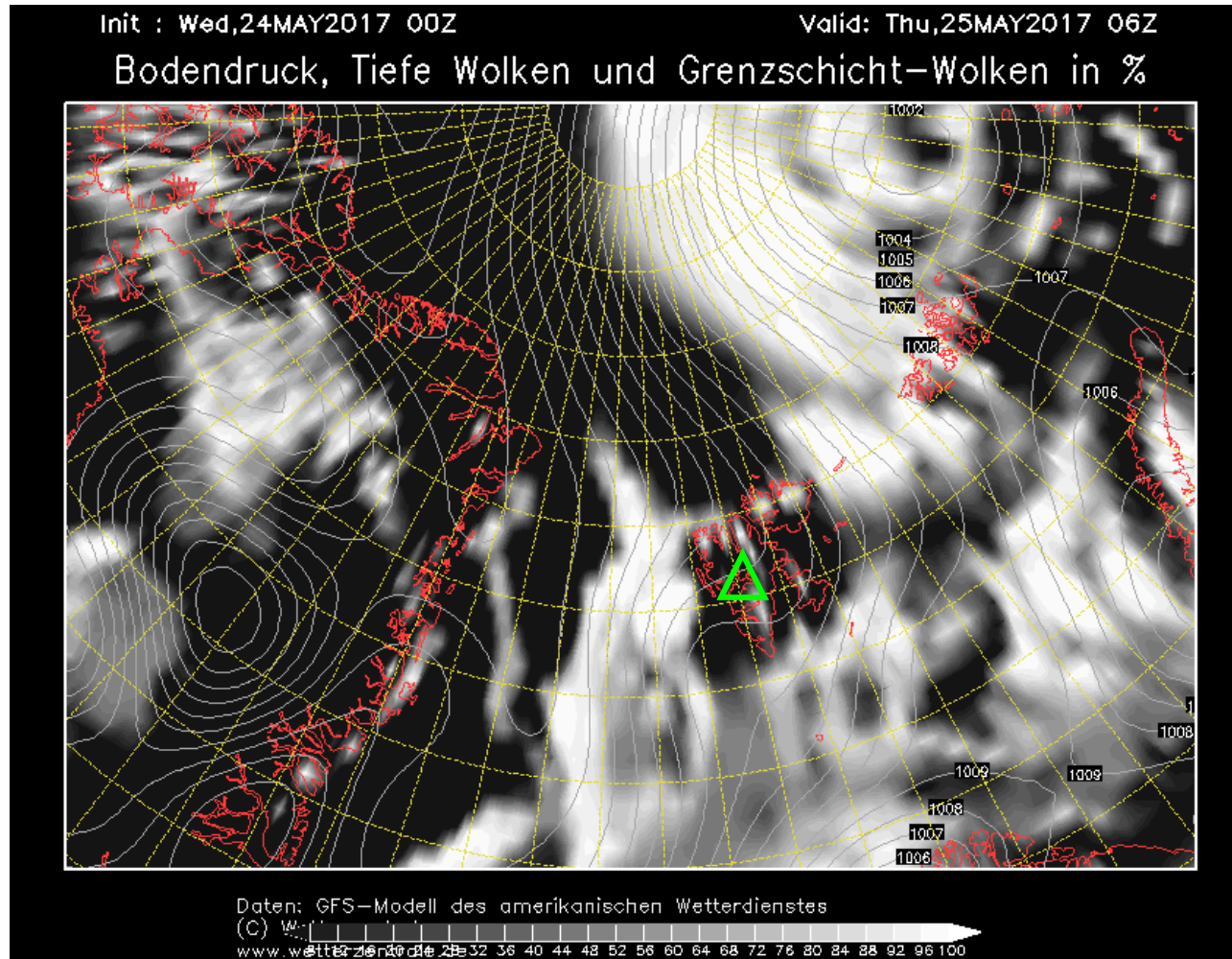
77.5°N 5°E (over water)



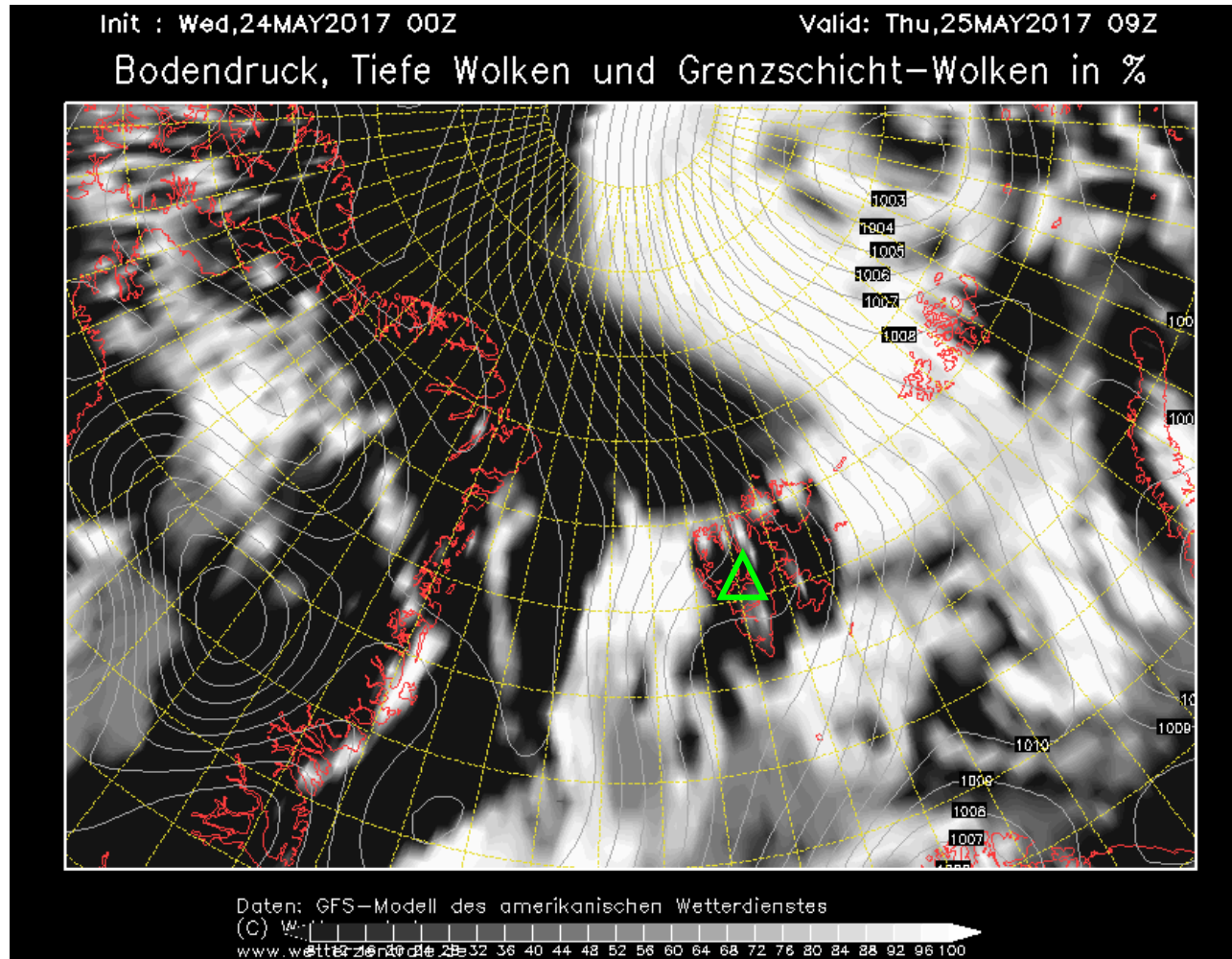
80°N 5°E (over ice)



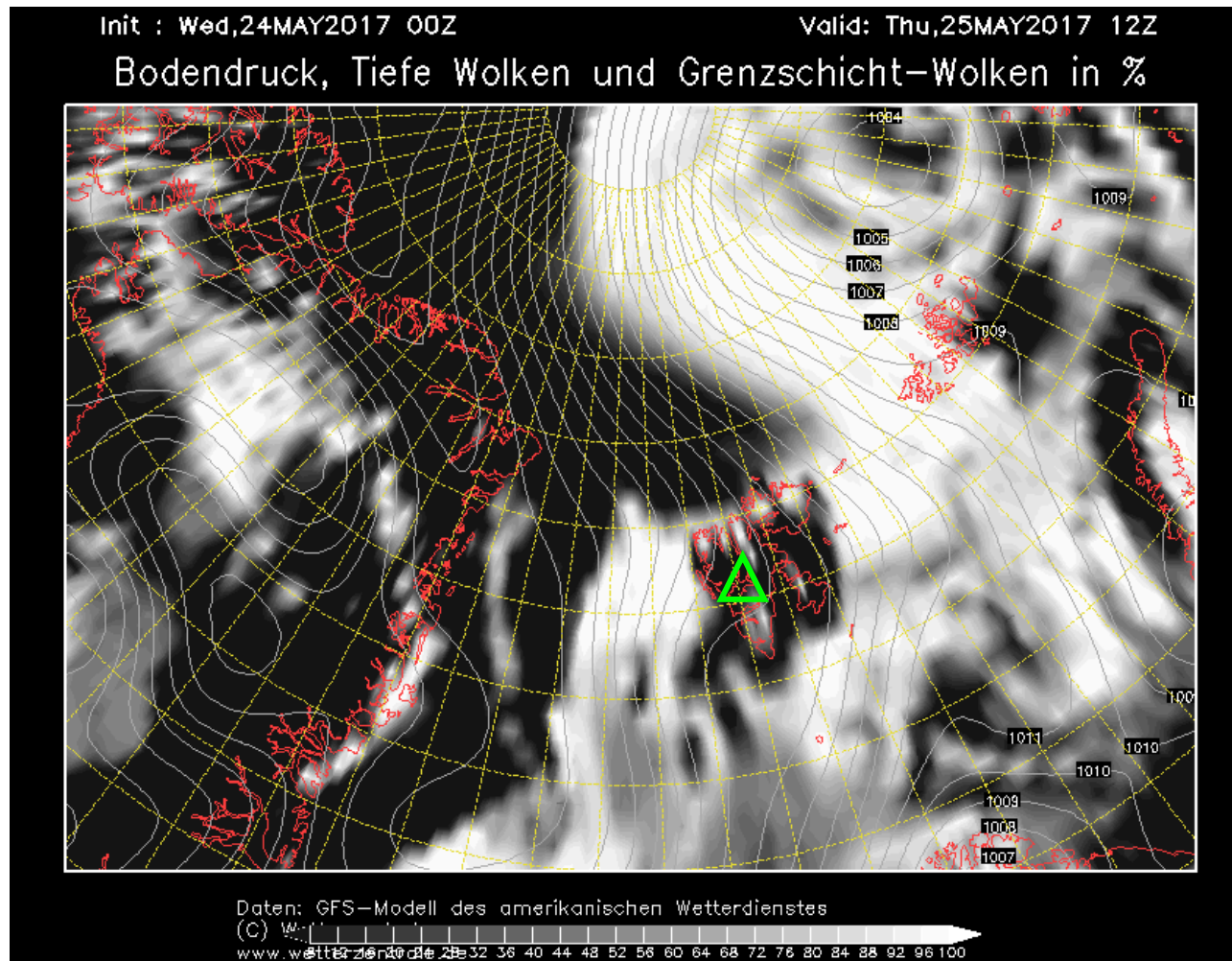
Low-level cloud cover 25 May 2017 @ 06 UTC



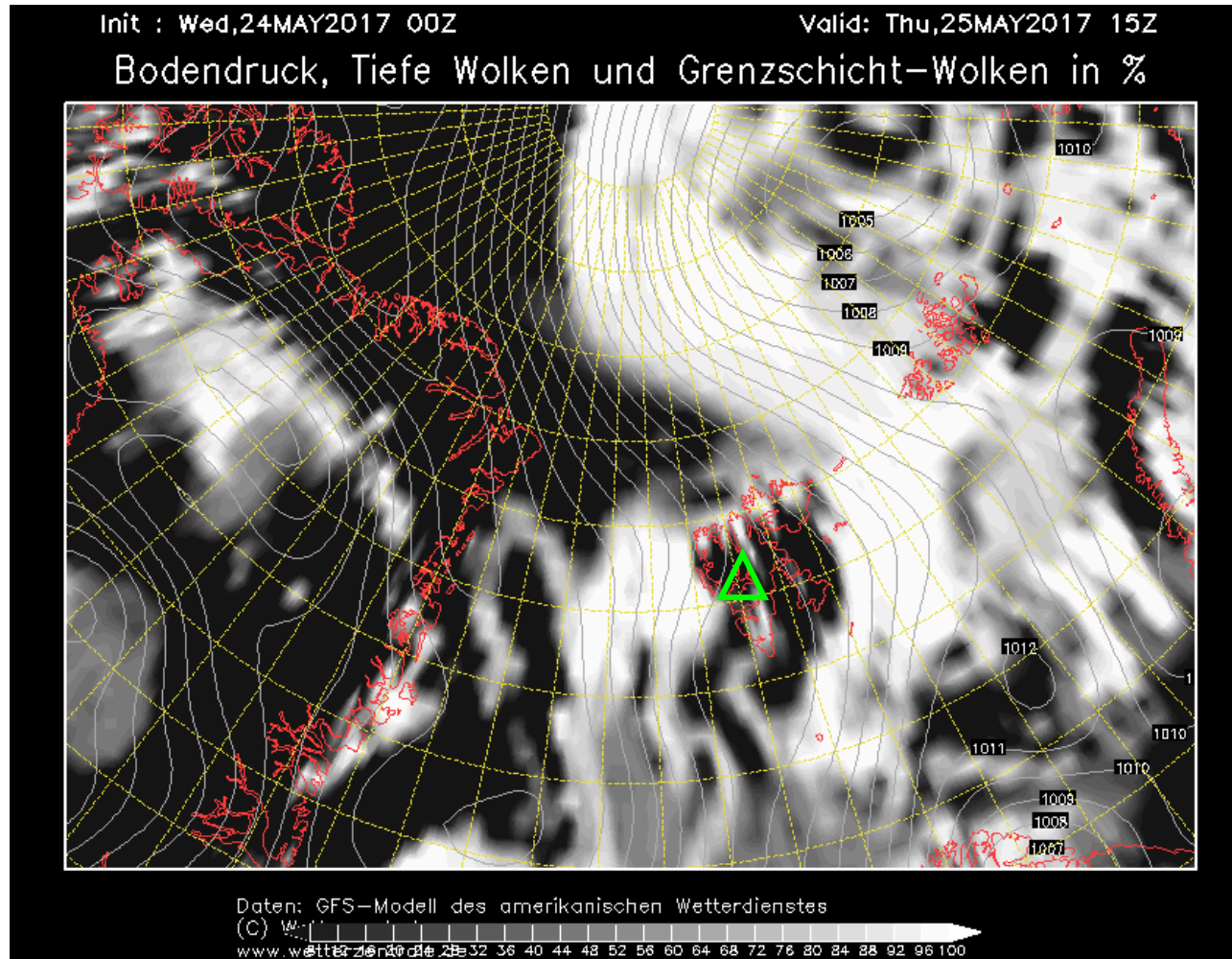
Low-level cloud cover 25 May 2017 @ 09 UTC



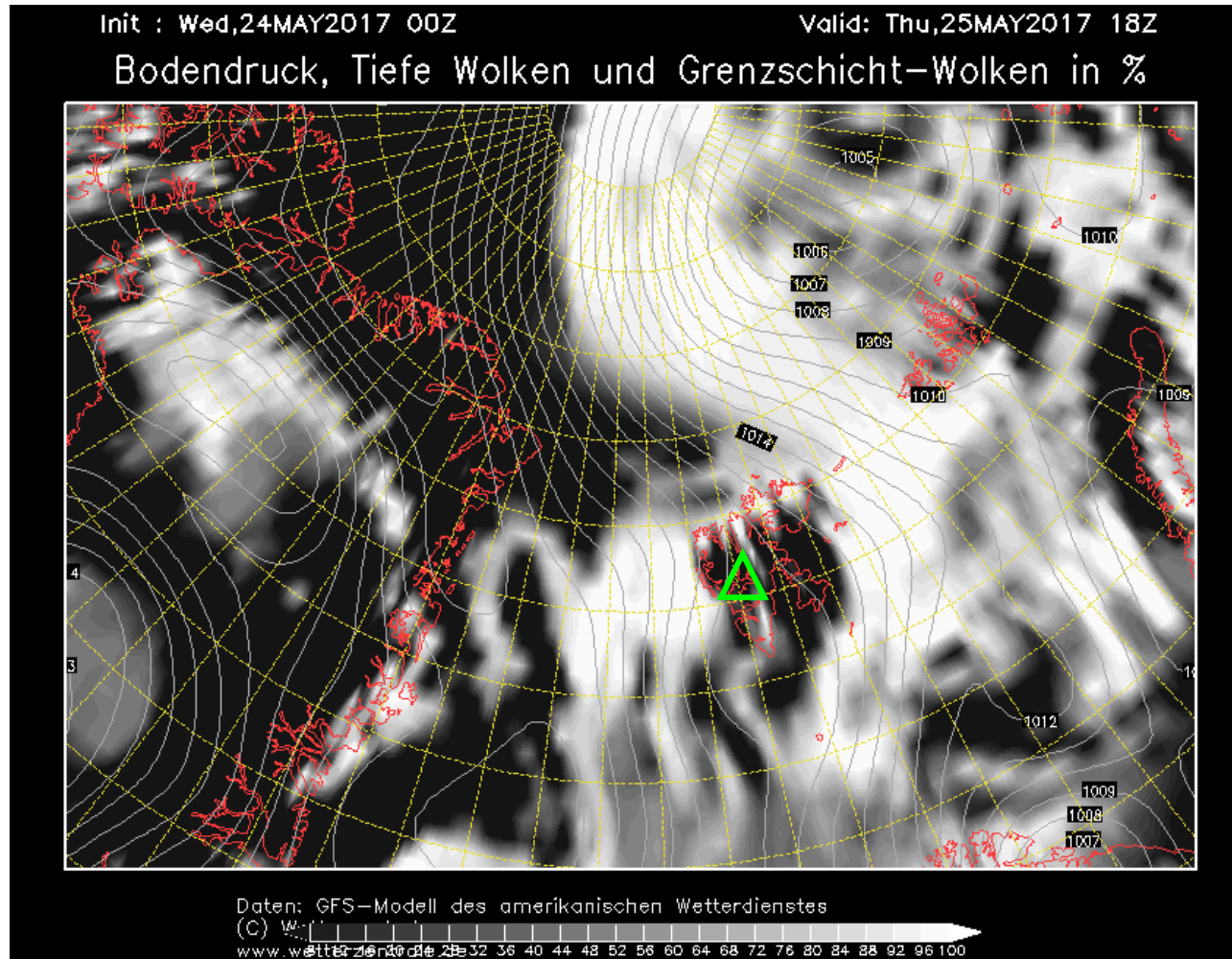
Low-level cloud cover 25 May 2017 @ 12 UTC



Low-level cloud cover 25 May 2017 @ 15 UTC

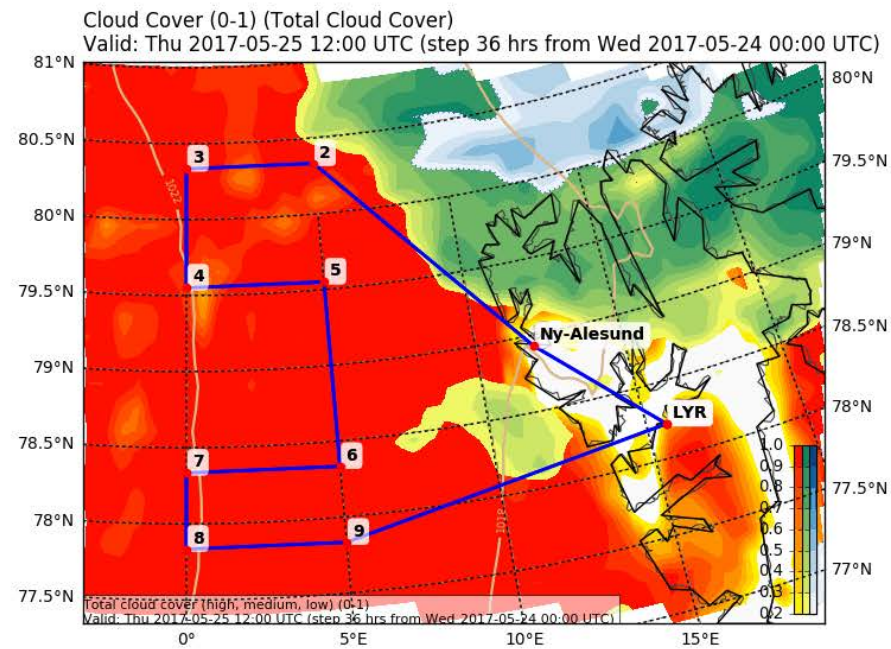


Low-level cloud cover 25 May 2017 @ 18 UTC

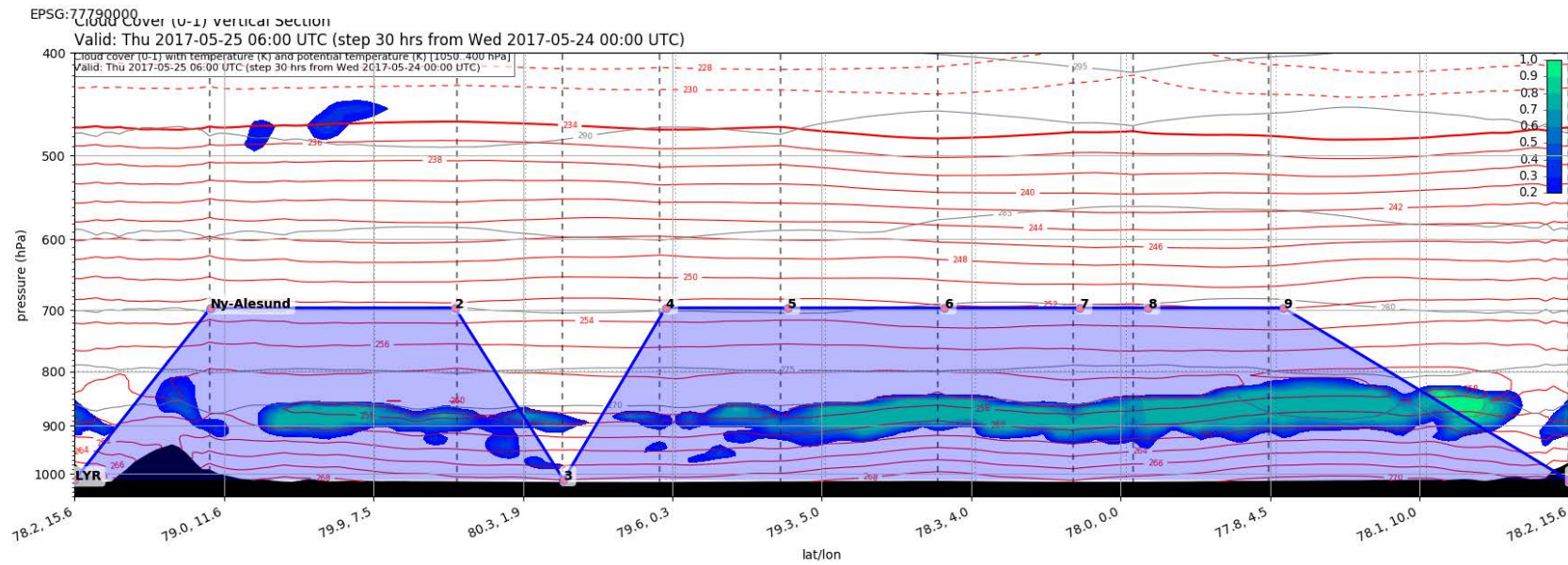
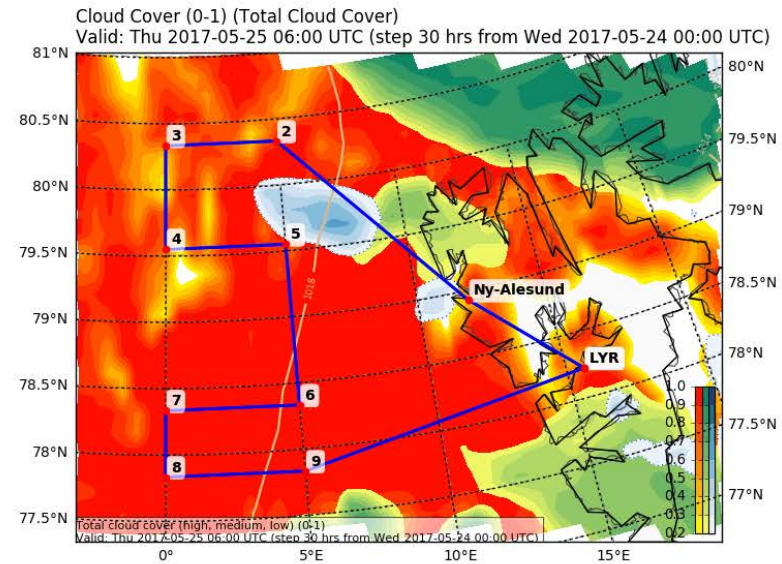


Forecast

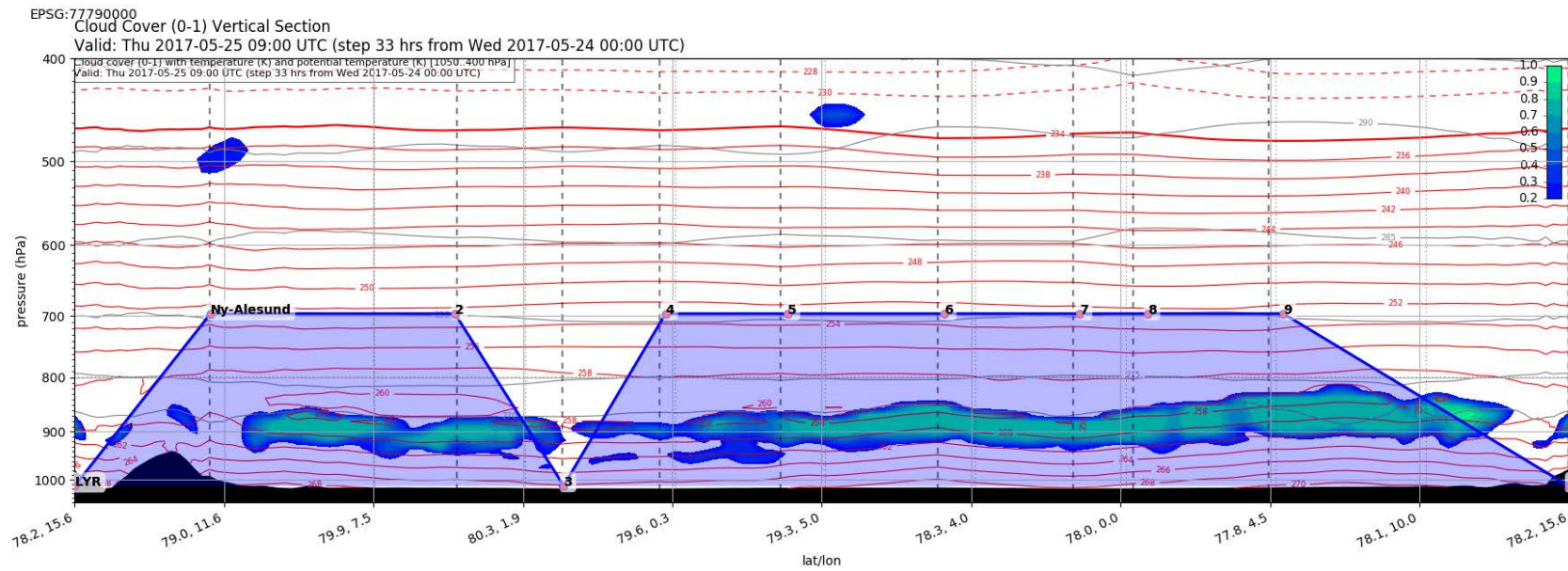
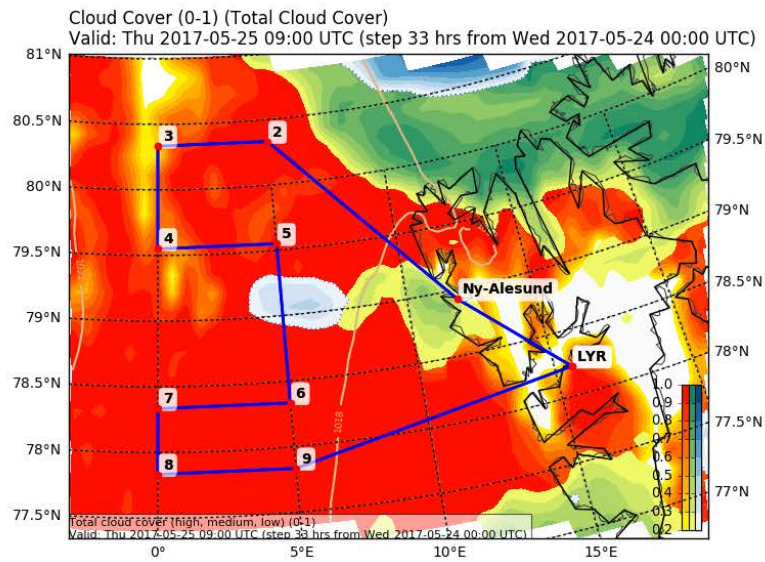
Tomorrow 12 UTC



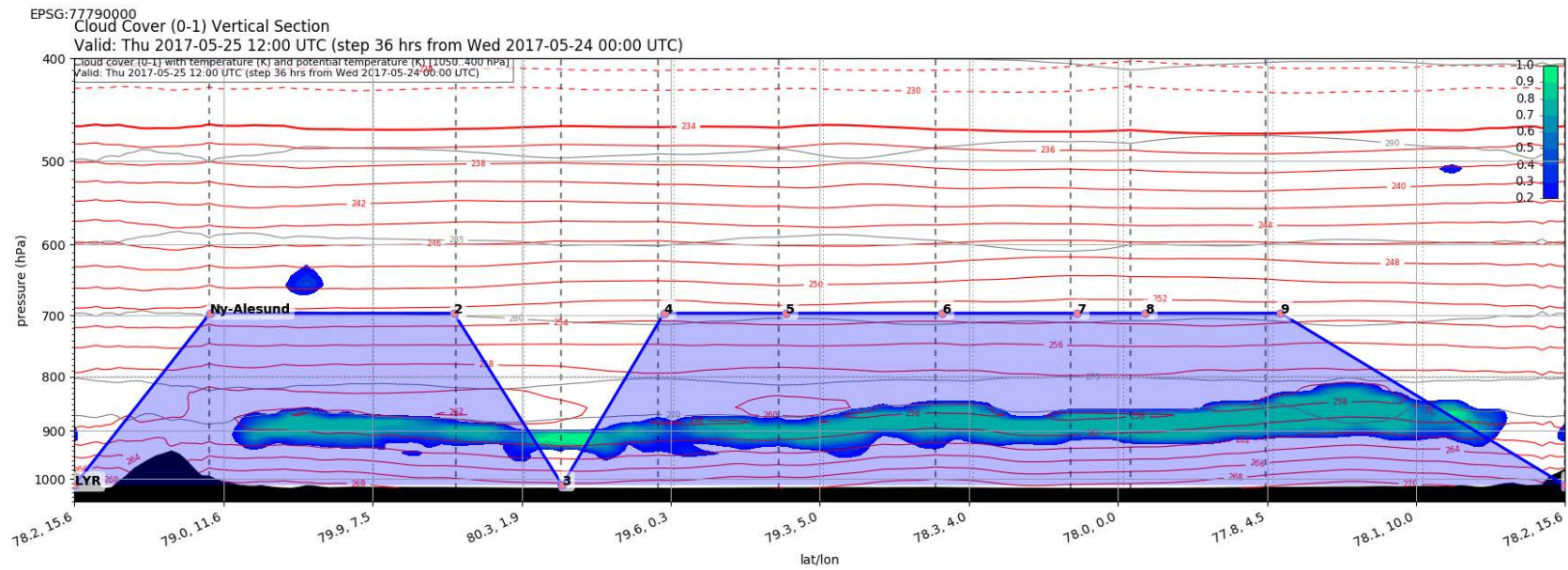
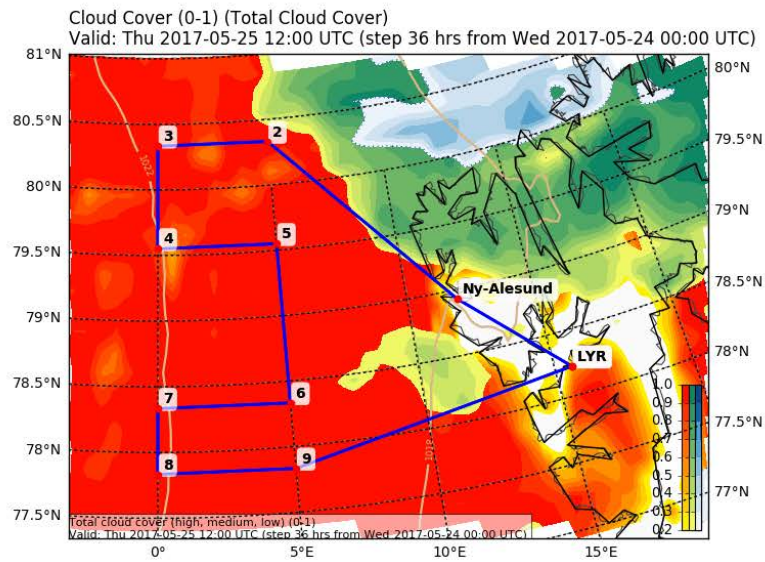
Forecast Tomorrow 06 UTC



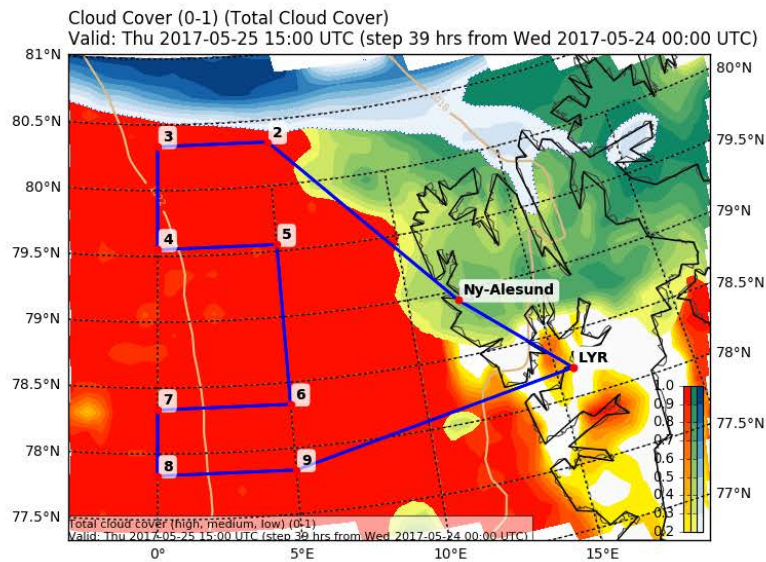
Forecast Tomorrow 09 UTC



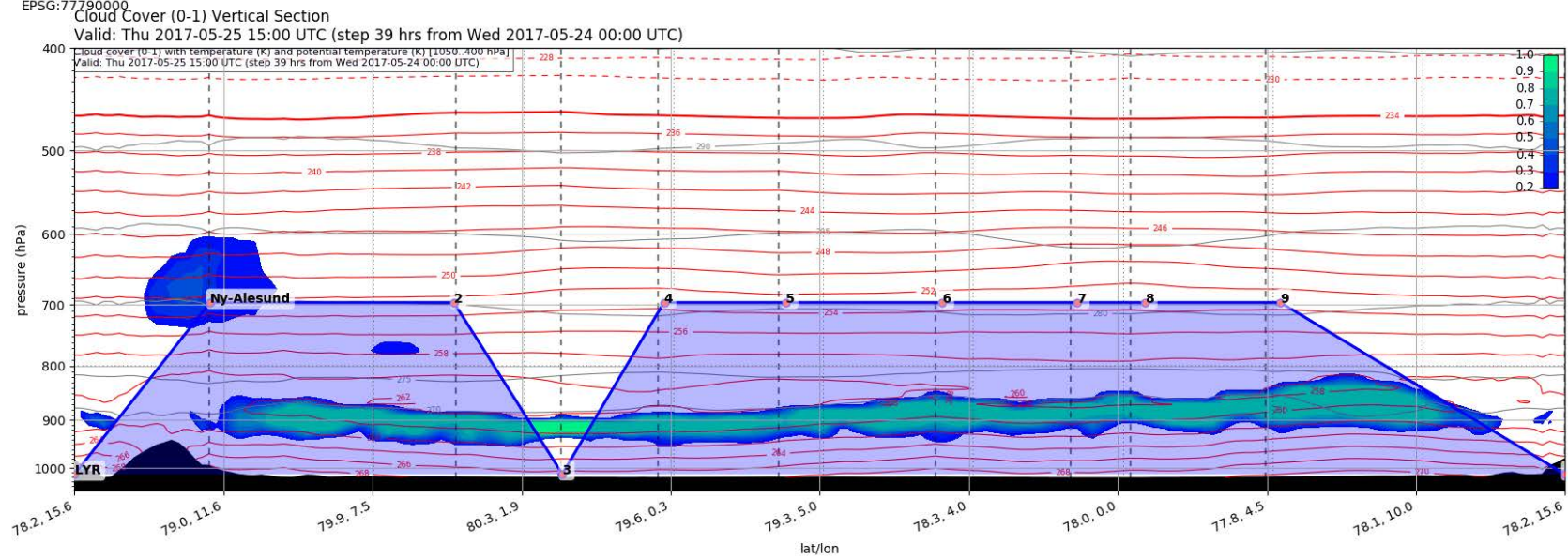
Forecast Tomorrow 12 UTC



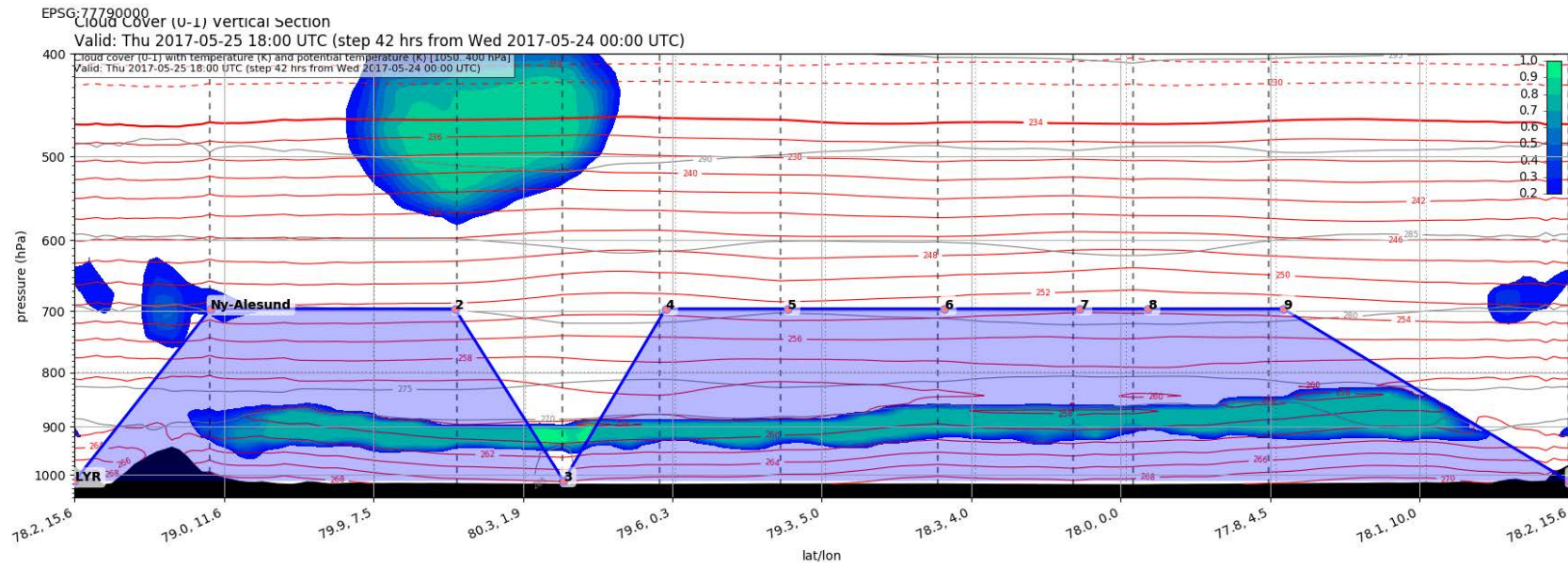
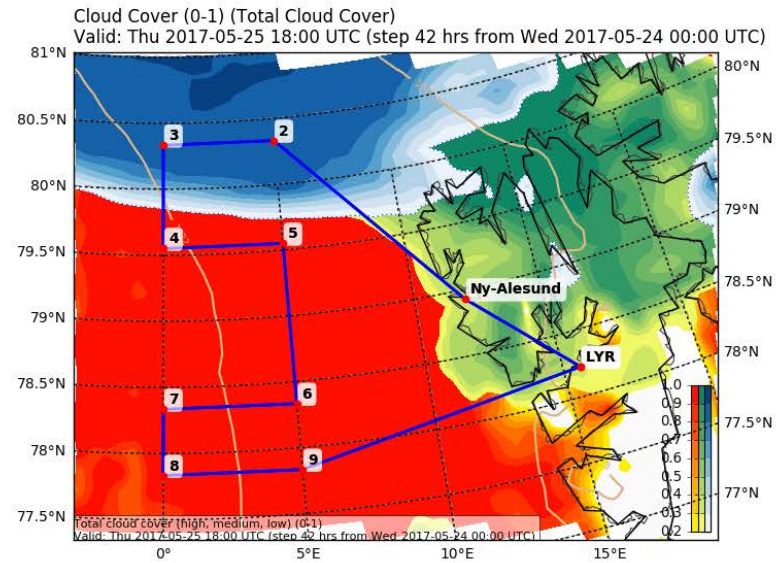
Forecast Tomorrow 15 UTC



EPSG:7790000



Forecast Tomorrow 18 UTC

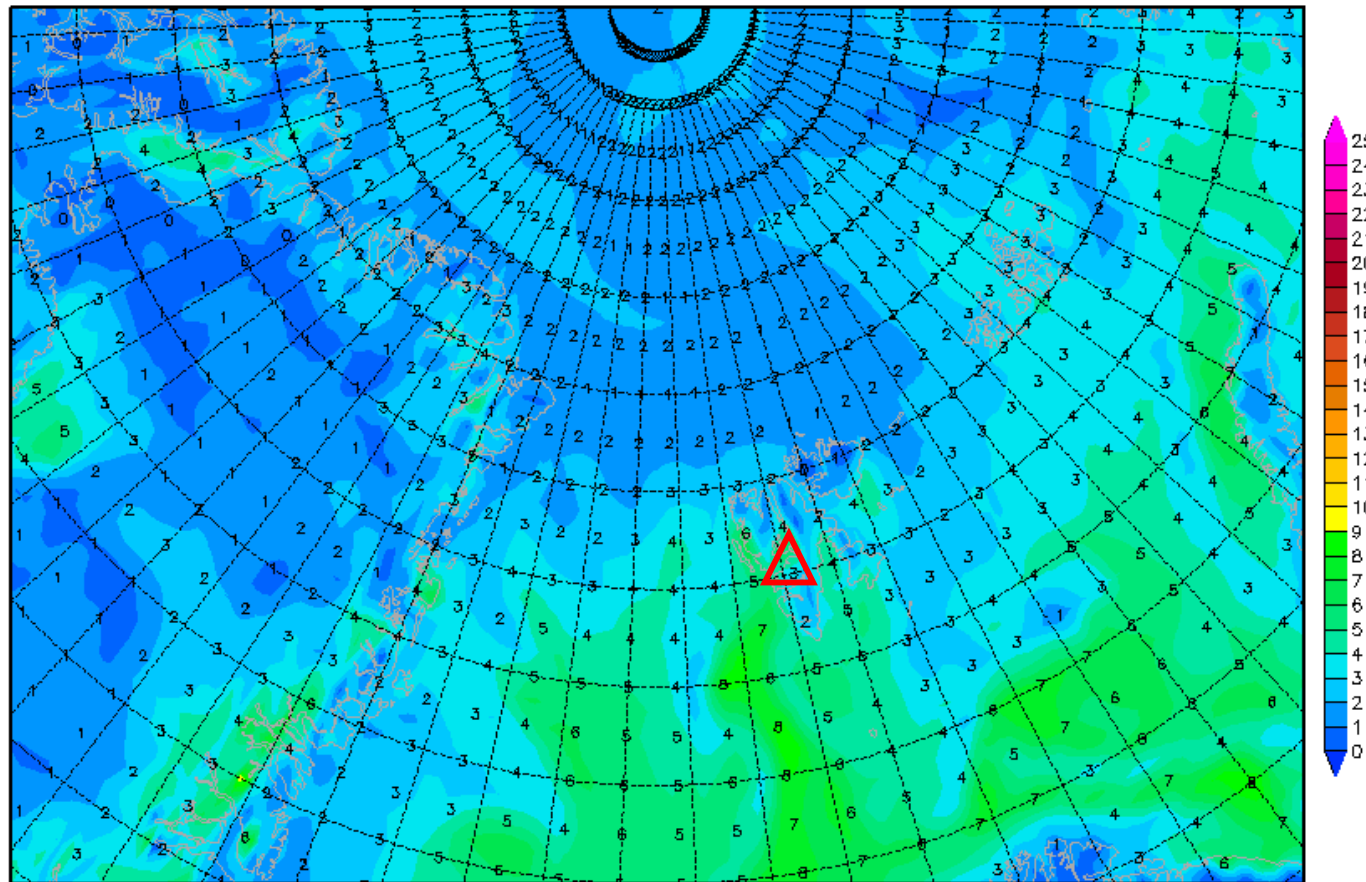


2-m dew point diff. 25 May 2017 @ 12 UTC

Init : Wed,24MAY2017 00Z

Valid: Thu,25MAY2017 12Z

2m (Temperatur-Taupunkt)



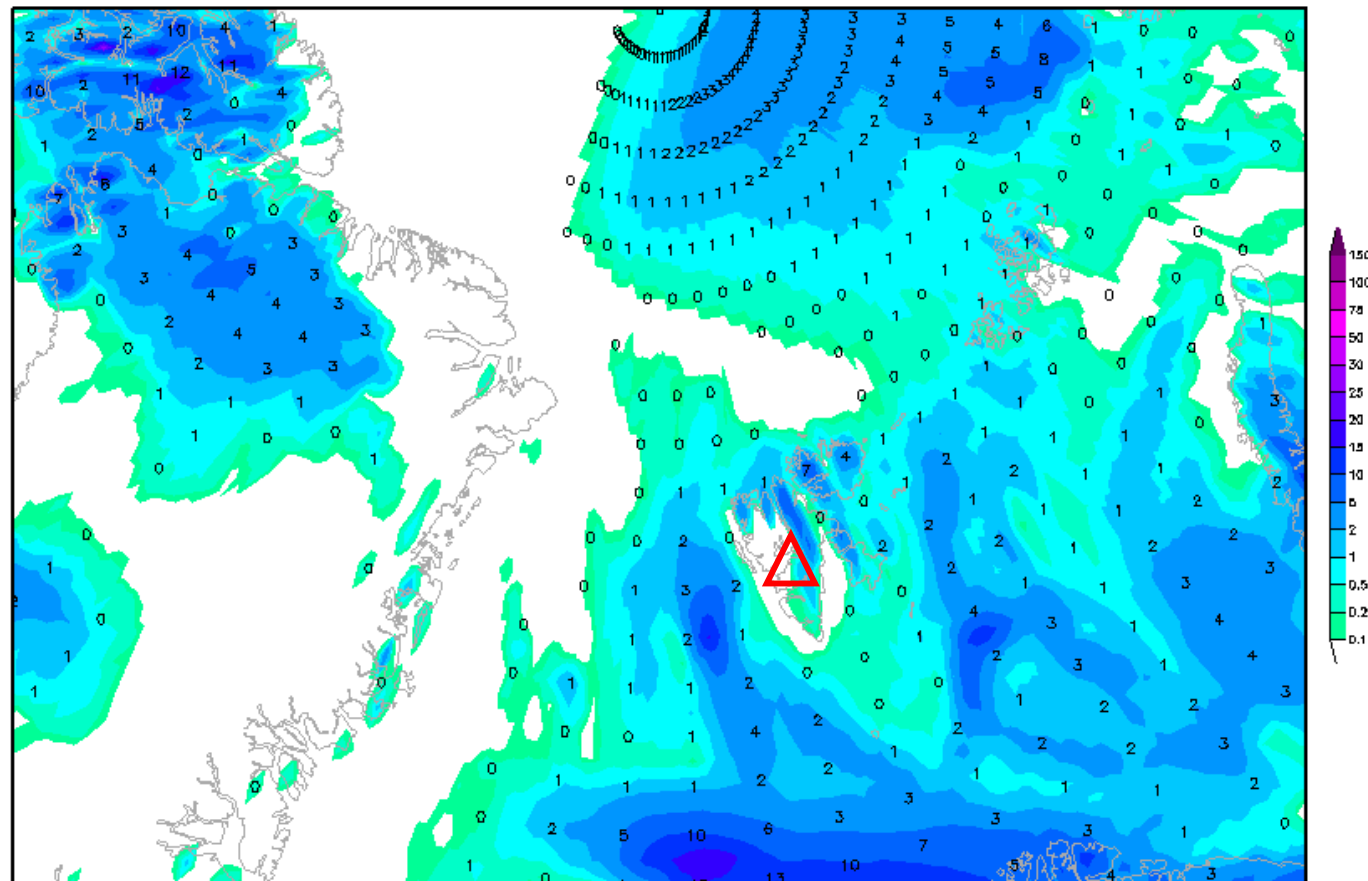
Daten: GFS
(C) Wetterzentrale
www.wetterzentrale.de

Precipitation 25 May 2017 @ 12 UTC

Init : Wed,24MAY2017 00Z

Valid: Thu,25MAY2017 12Z

Gesamtniederschlag bis zum Termin (mm)



Daten: GFS-Modell des US-Wetterdienstes
(C) Wetterzentrale
www.wetterzentrale.de

Outlook

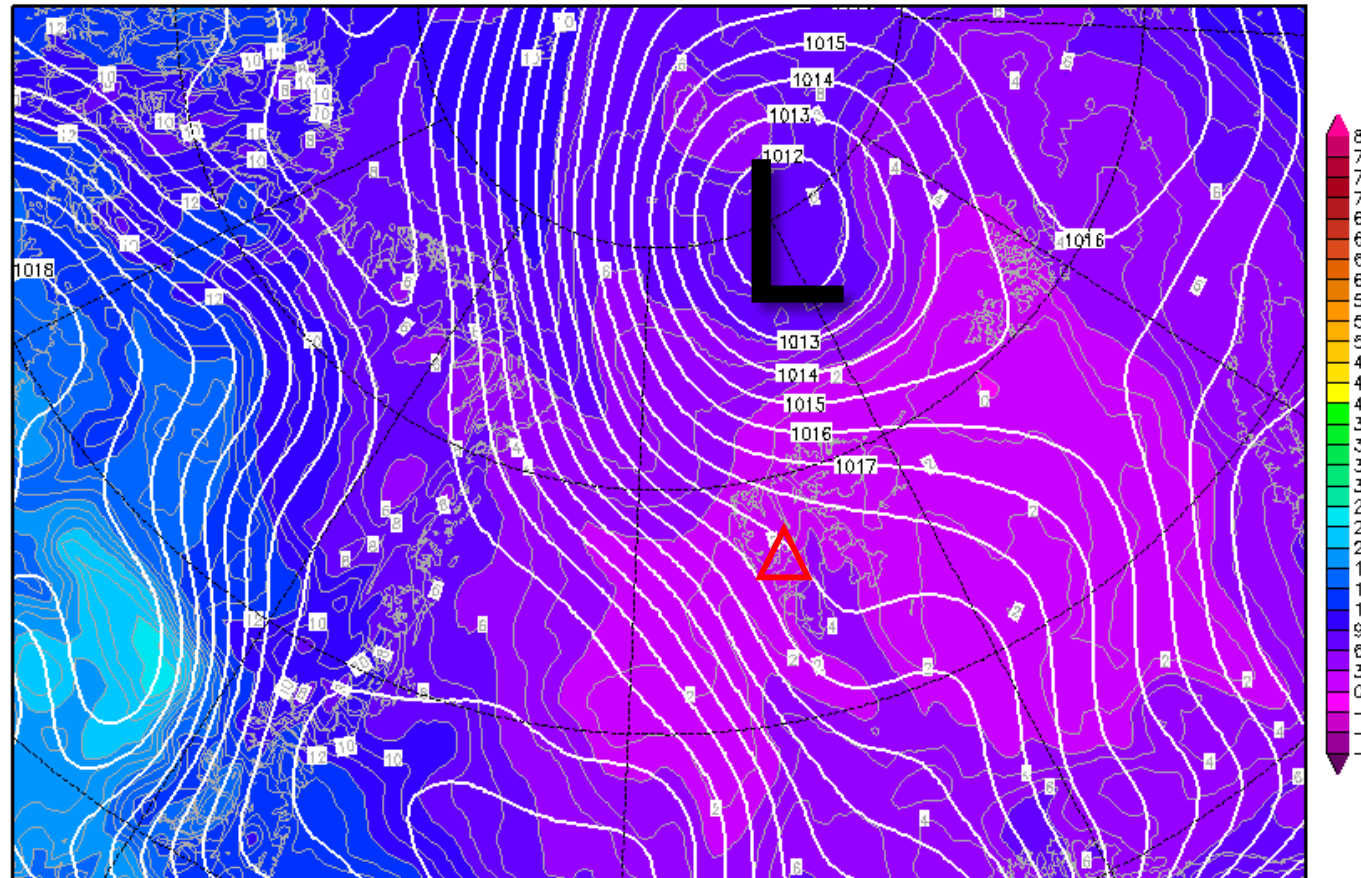
Fri 26 May – Sat 27 May 2017

Outlook – General Weather Situation

Init : Wed,24MAY2017 00Z

Valid: Fri,26MAY2017 12Z

Bodendruck (hPa) und 850 hPa Aeq.Pot.T. (Grad C)

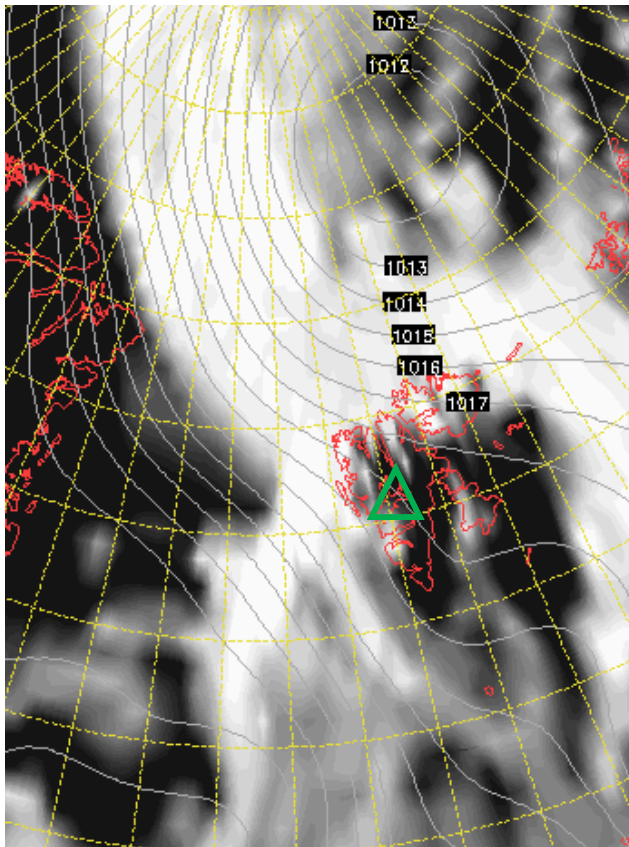


**Surf. Pressure &
850-hPa Theta Equiv.
26 May 2017 @ 12 UTC**

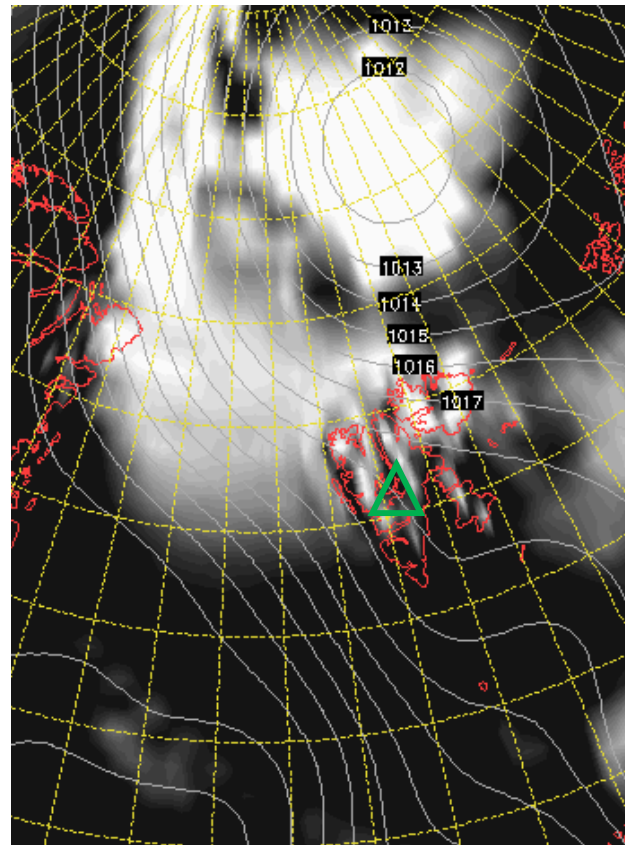
Daten: GFS-Modell des amerikanischen Wetterdienstes
(C) Wetterzentrale
www.wetterzentrale.de

Cloud Cover 26 May 2017 @ 12 UTC

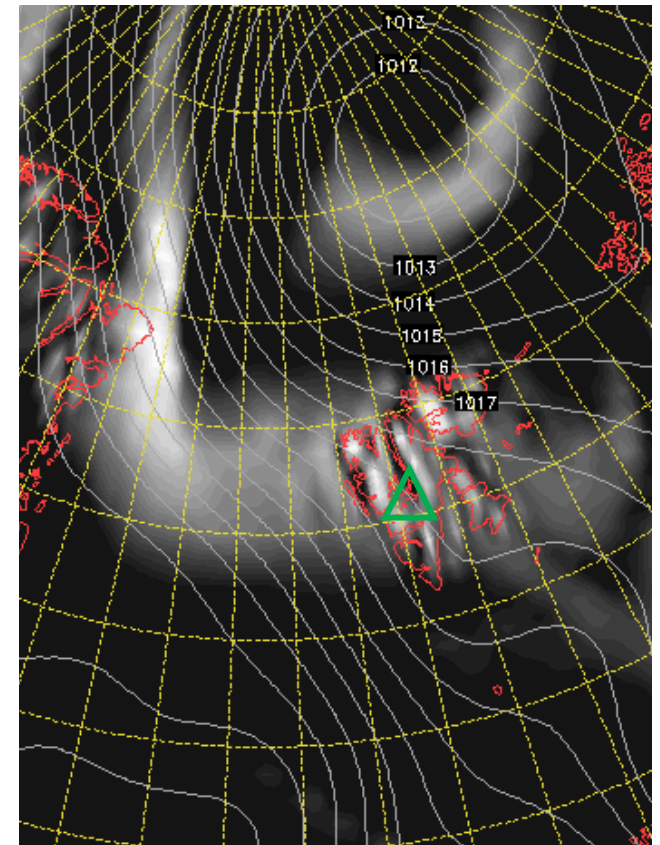
L



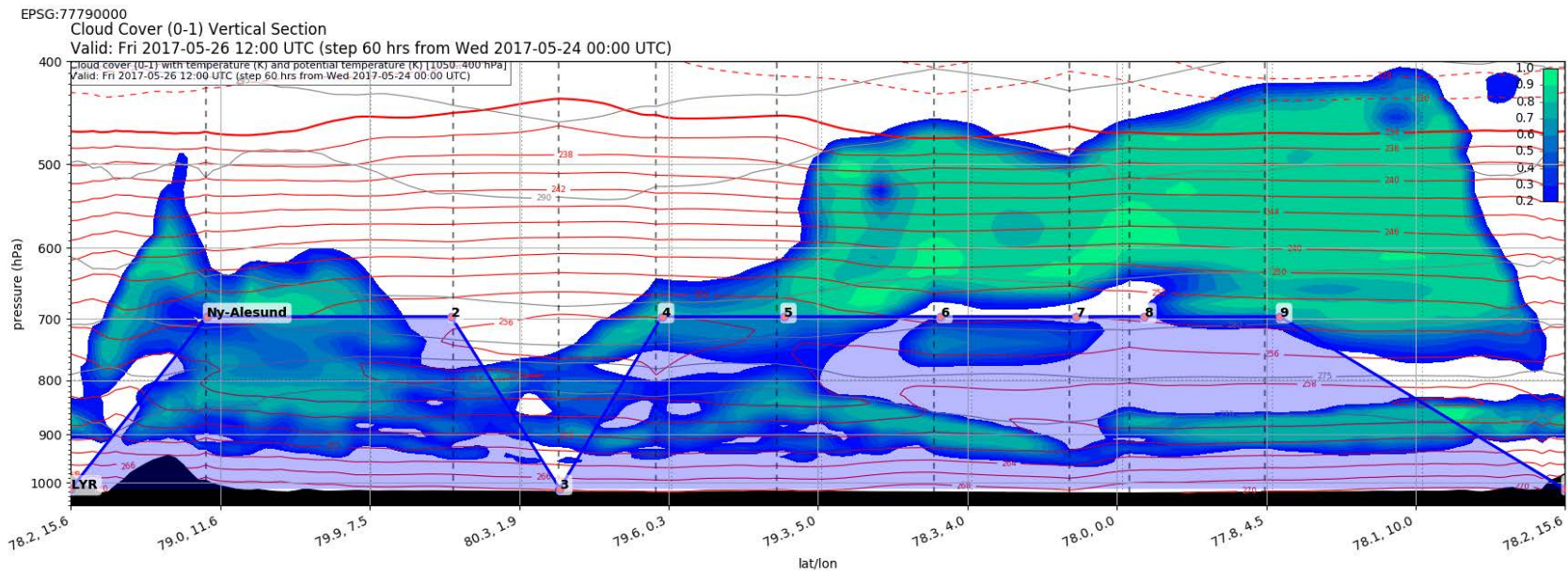
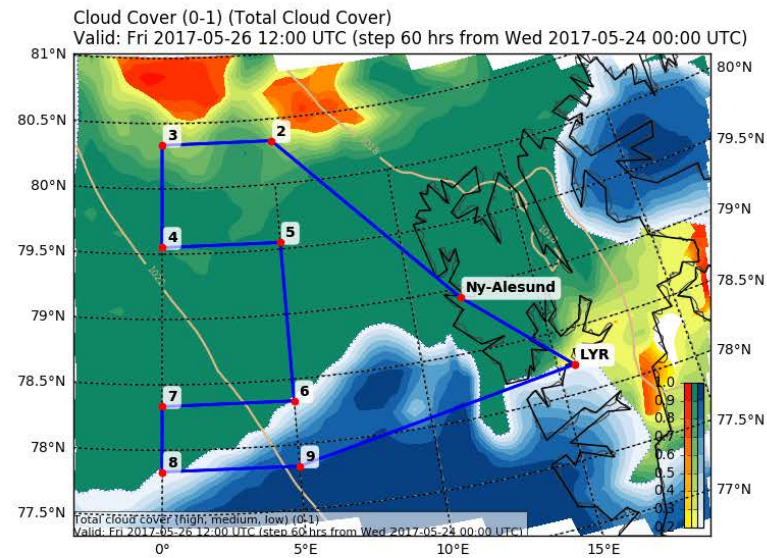
M



H



Forecast After Tomorrow 12 UTC

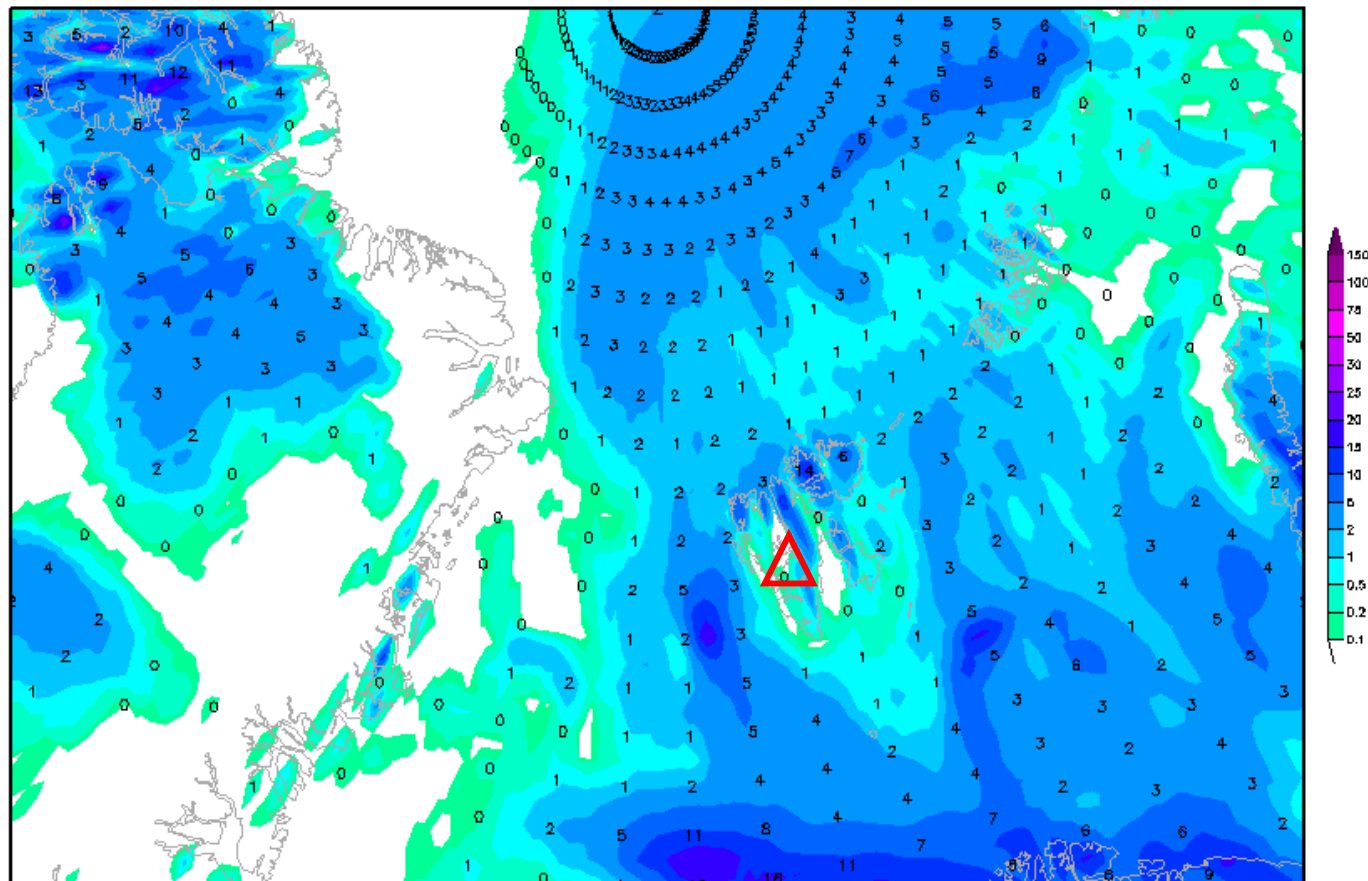


Precipitation 26 May 2017 @ 12 UTC

Init : Wed,24MAY2017 00Z

Valid: Fri,26MAY2017 12Z

Gesamtniederschlag bis zum Termin (mm)



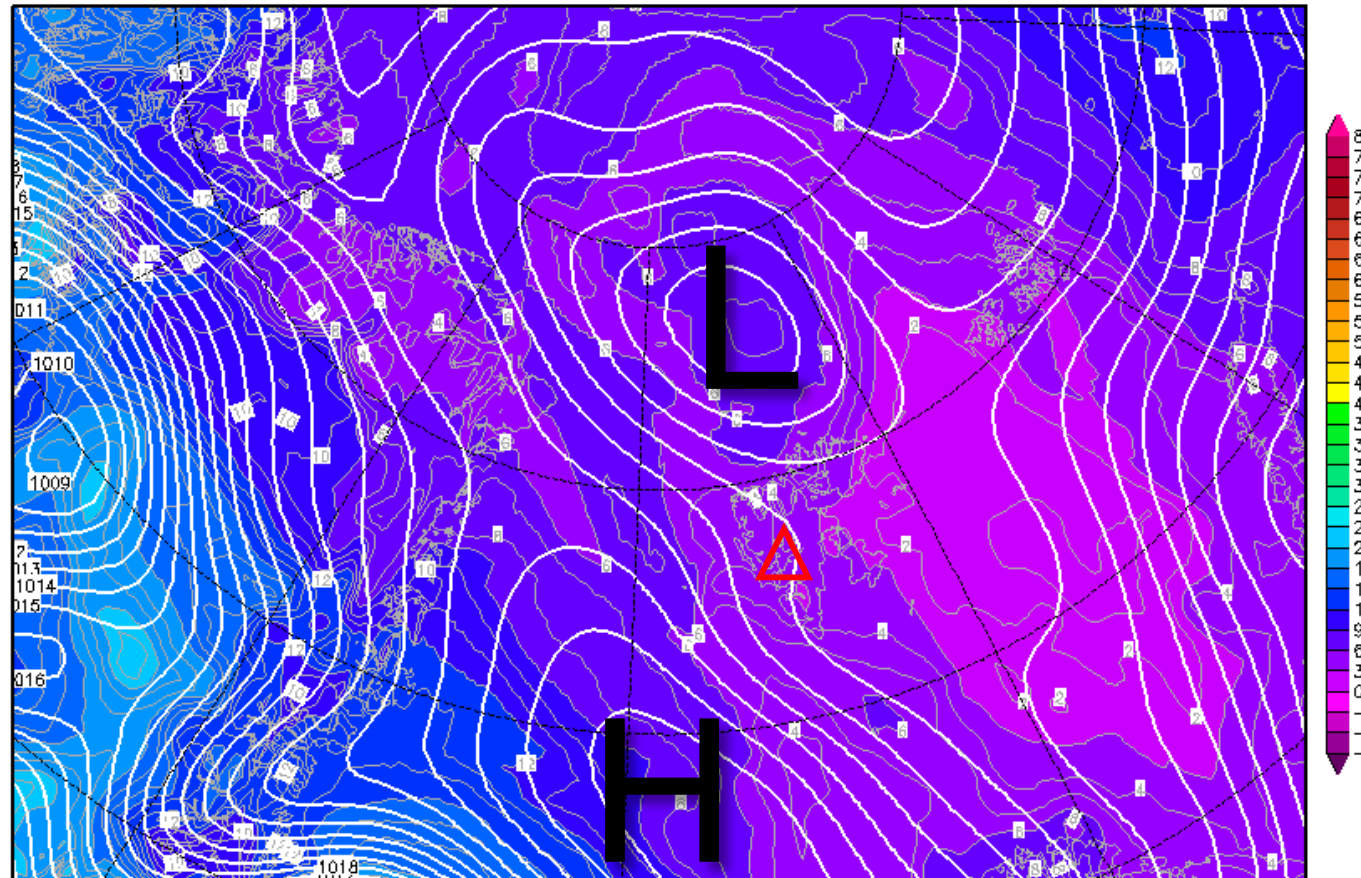
Daten: GFS-Modell des US-Wetterdienstes
(C) Wetterzentrale
www.wetterzentrale.de

Outlook – General Weather Situation

Init : Wed,24MAY2017 00Z

Valid: Sat,27MAY2017 12Z

Bodendruck (hPa) und 850 hPa Aeq.Pot.T. (Grad C)



Surf. Pressure &
850-hPa Theta Equiv.
27 May 2017 @ 12 UTC

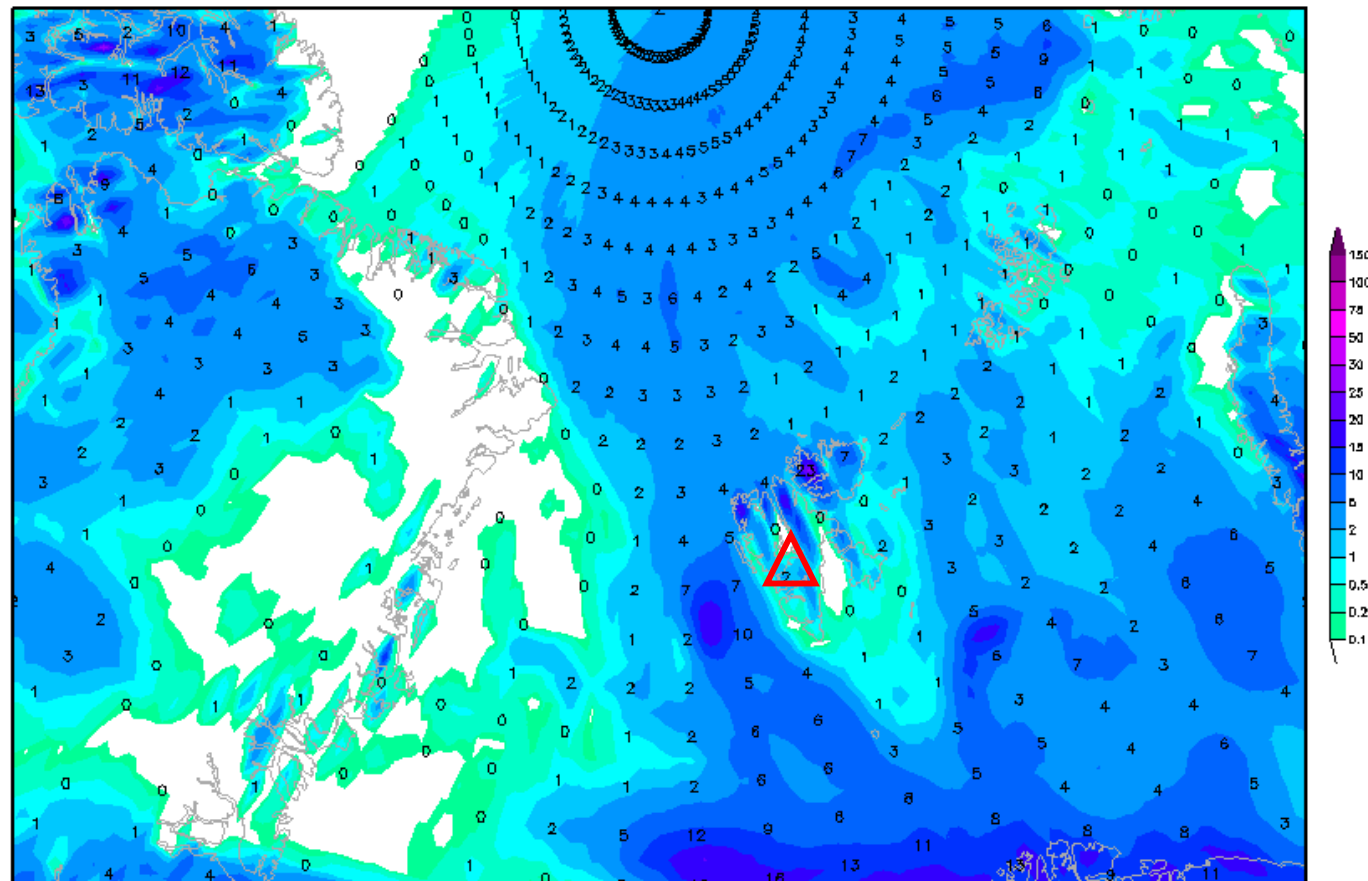
Daten: GFS-Modell des amerikanischen Wetterdienstes
(C) Wetterzentrale
www.wetterzentrale.de

Precipitation 27 May 2017 @ 12 UTC

Init : Wed,24MAY2017 00Z

Valid: Sat,27MAY2017 12Z

Gesamtniederschlag bis zum Termin (mm)

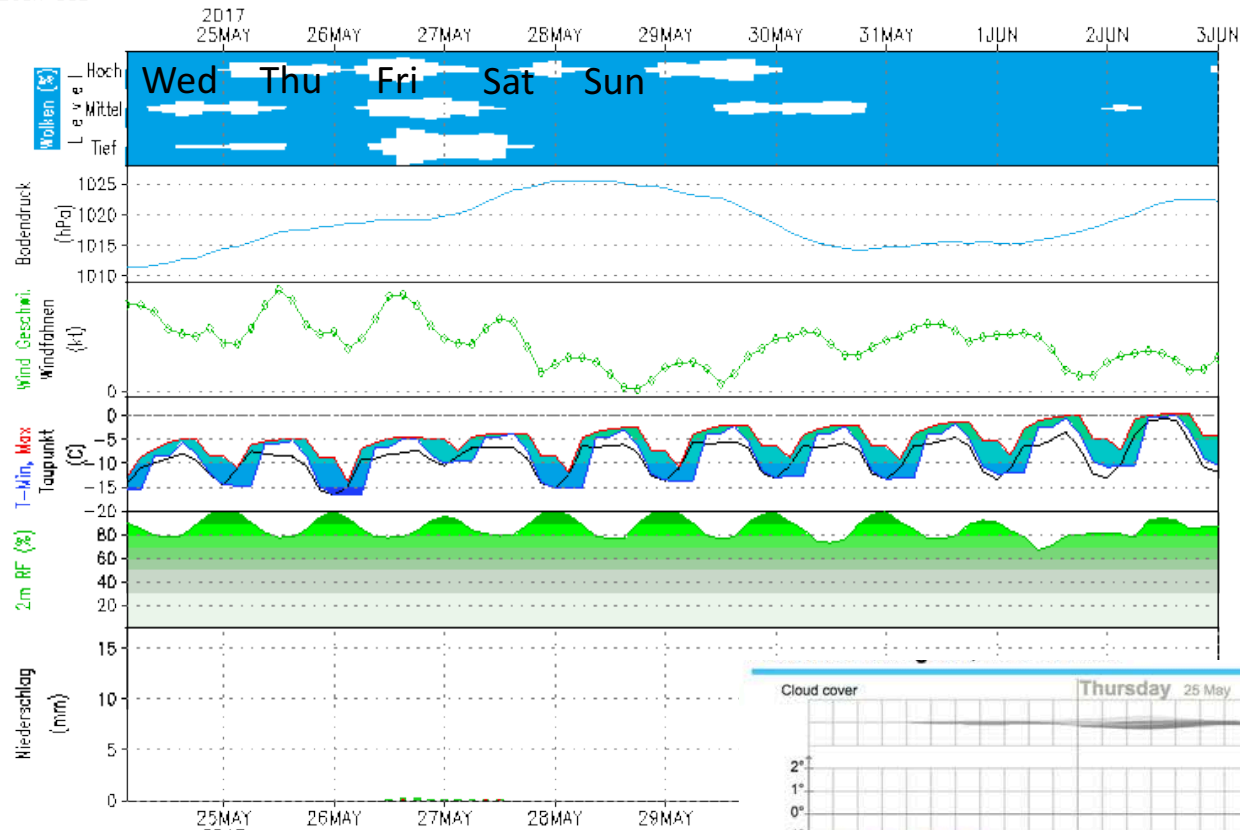


Daten: GFS-Modell des US-Wetterdienstes
(C) Wetterzentrale
www.wetterzentrale.de

GFS – Meteogramm

Lon: 15.63 Lat: 78.22 Hgt: 331m

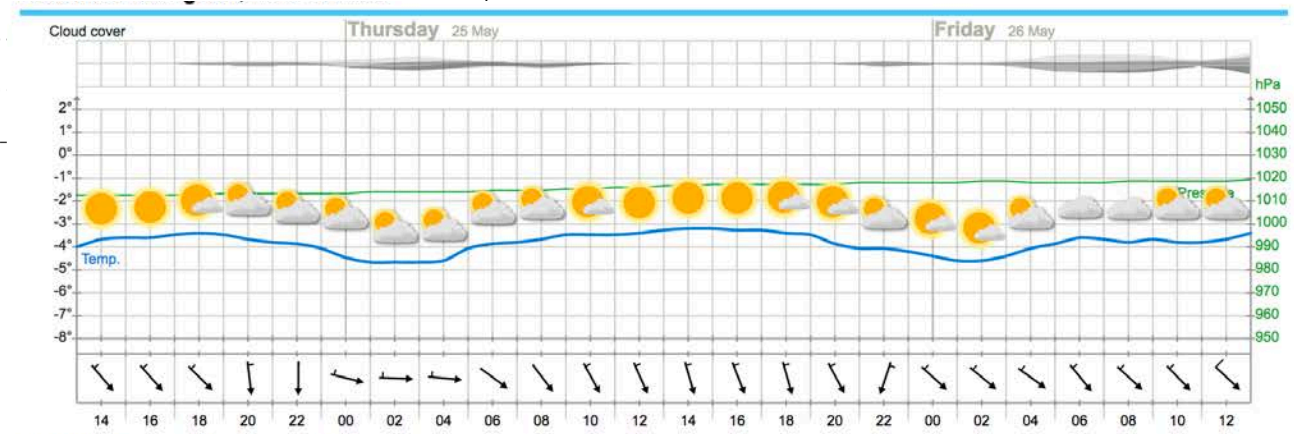
Lauf: 00Z



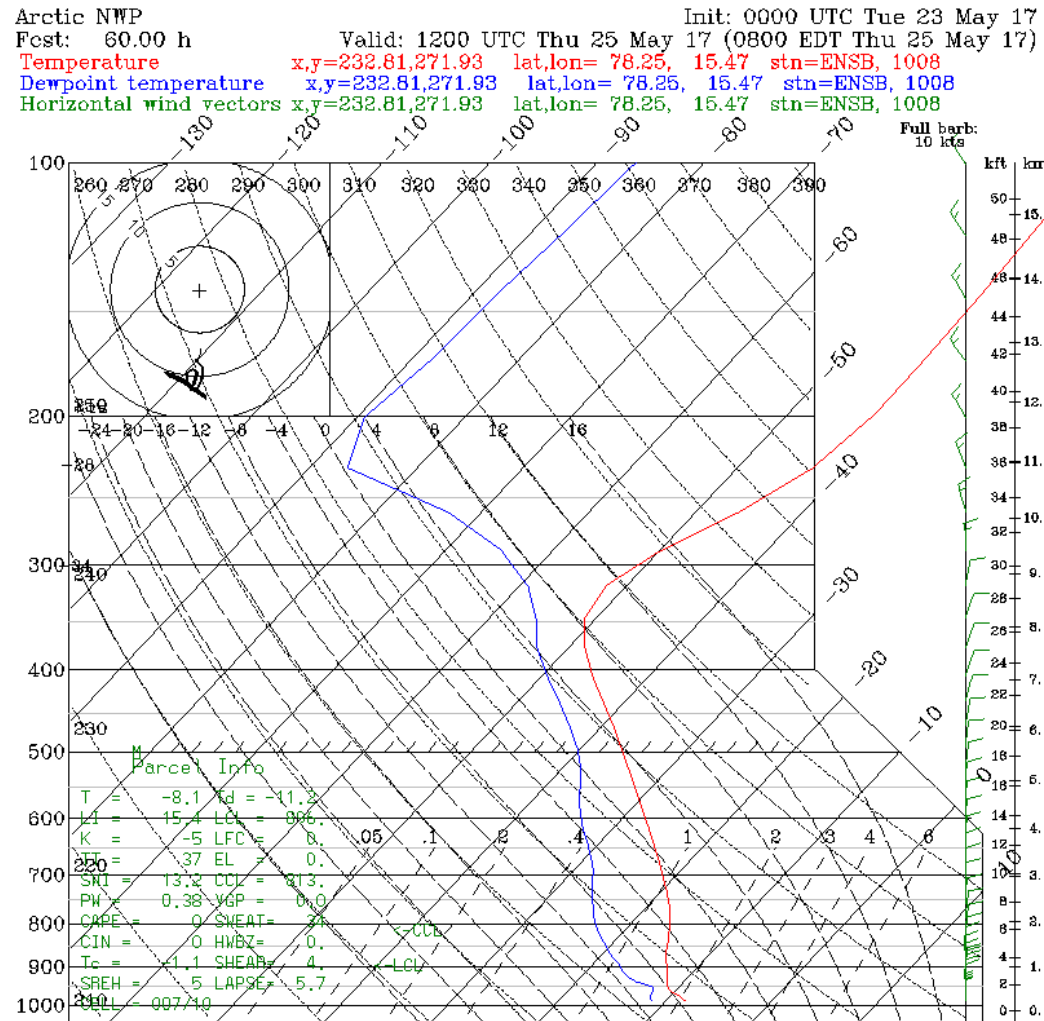
Heute kein Sonnenaufgang
Heute kein Sonnenuntergang

Outlook – Meteogram

YR.no



Sounding Longyearbyen 25 May 2017 @ 12 UTC



Precip. Water 24 May 2017

GFS 0.25°x0.25°
Daily Average

Precipitable Water
Wednesday, May 24, 2017

