

Weather briefing HALO-(AC)³

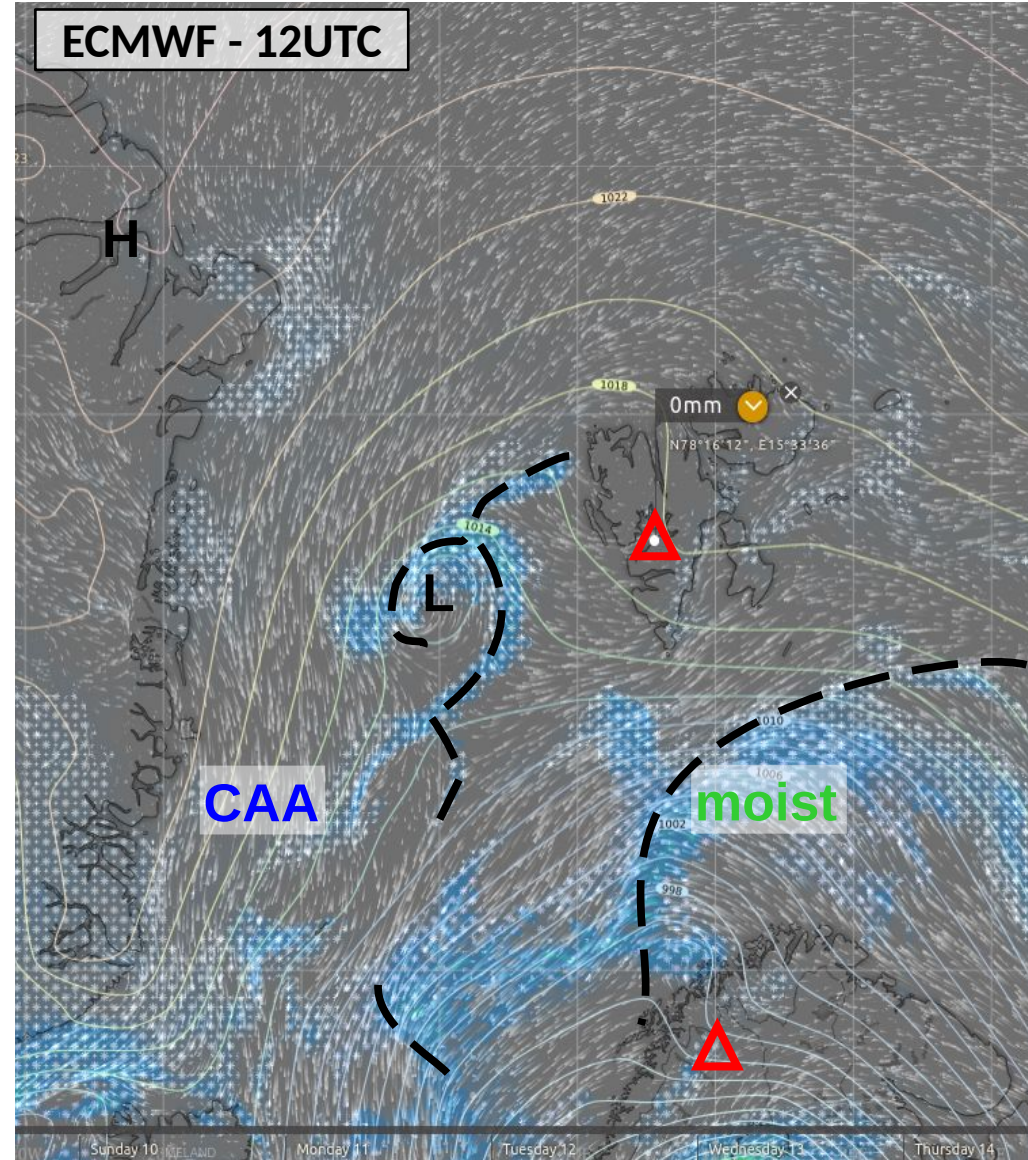
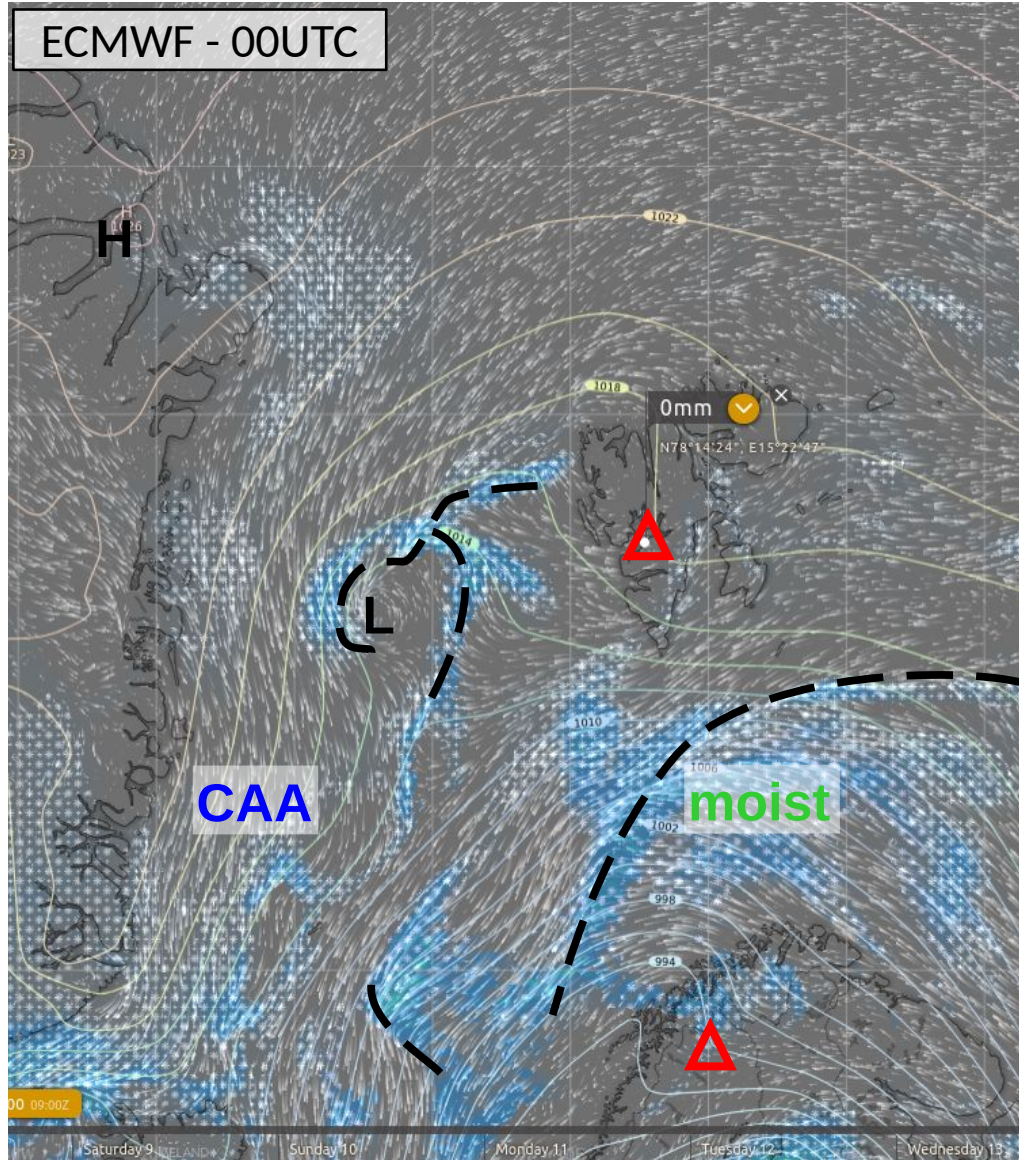
Thursday, 2022-04-07, 09:00 LT

Forecast comparison
yesterday 00 UTC vs. **yesterday 12 UTC/today 00 UTC**
ECMWF & ICON

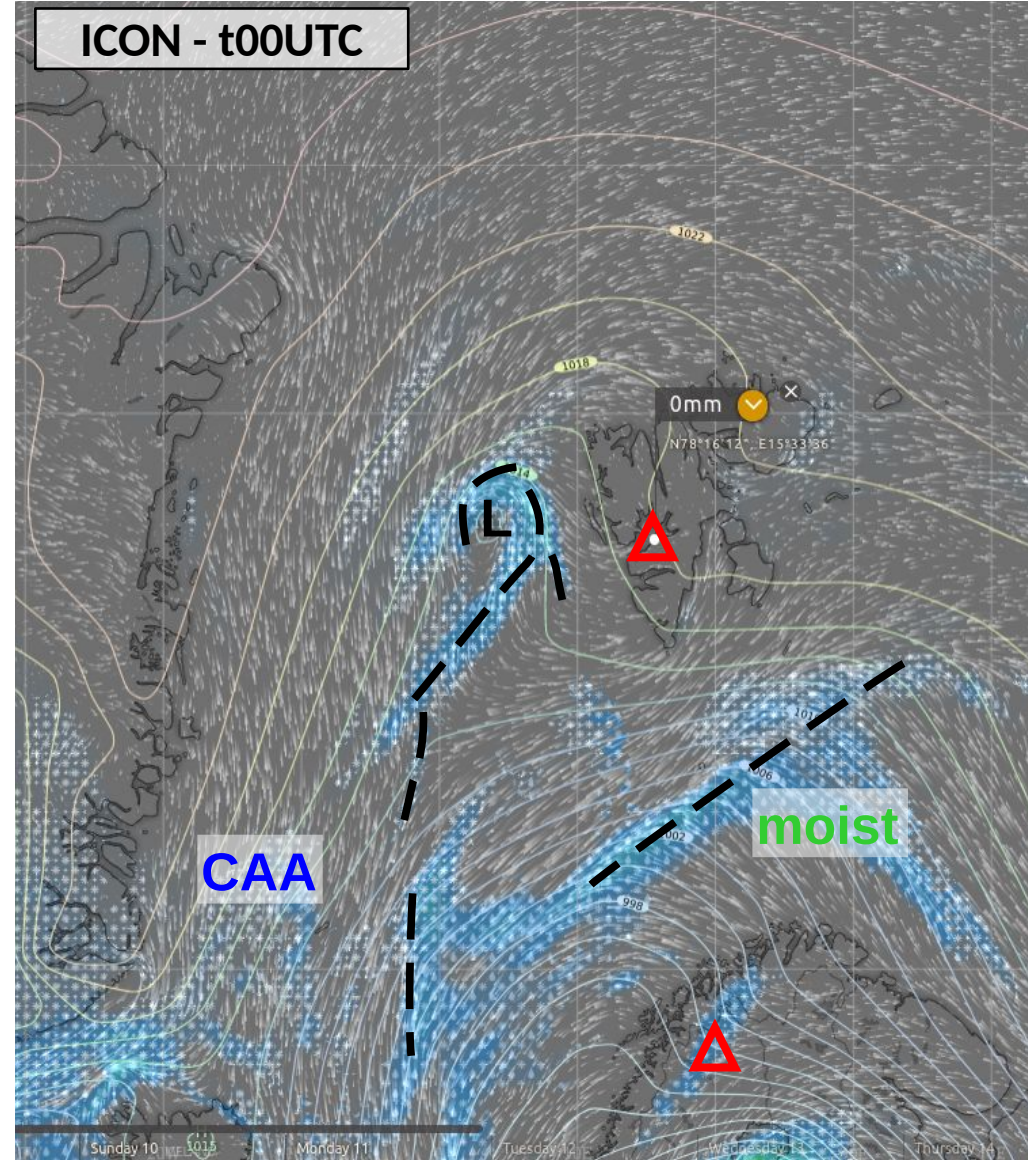
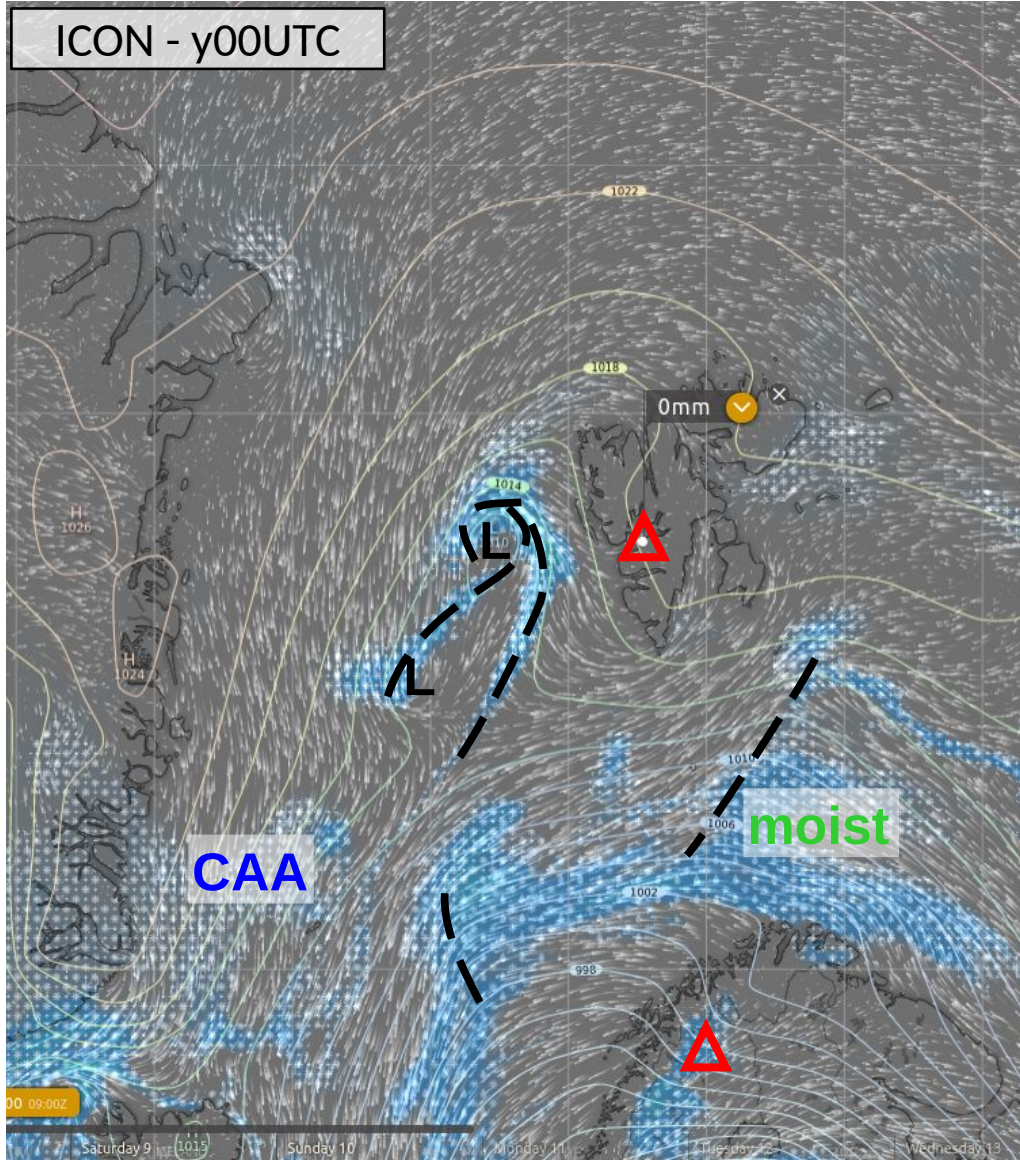
CAA: Cold Air Advection

WAA: Warm Air Advection

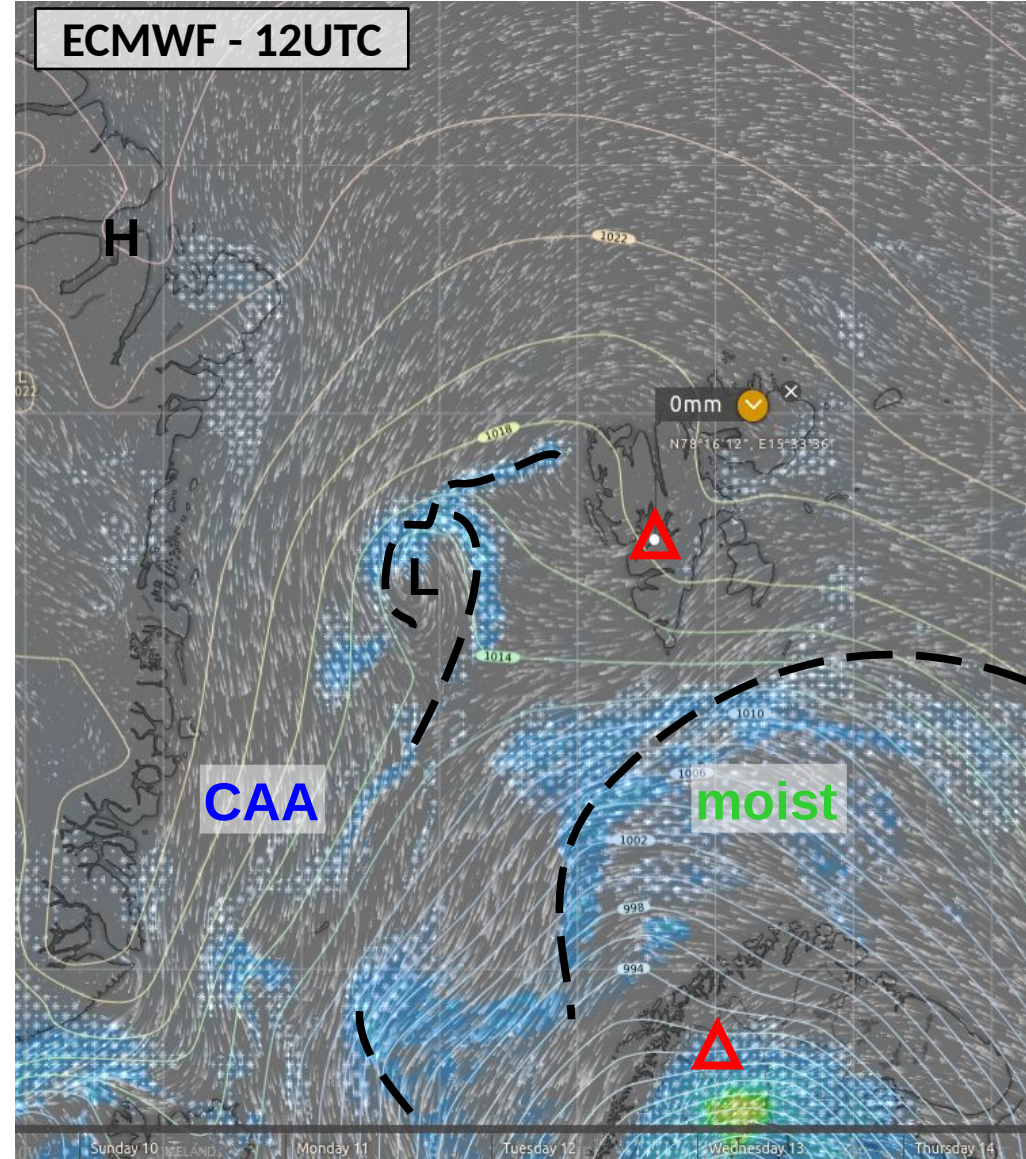
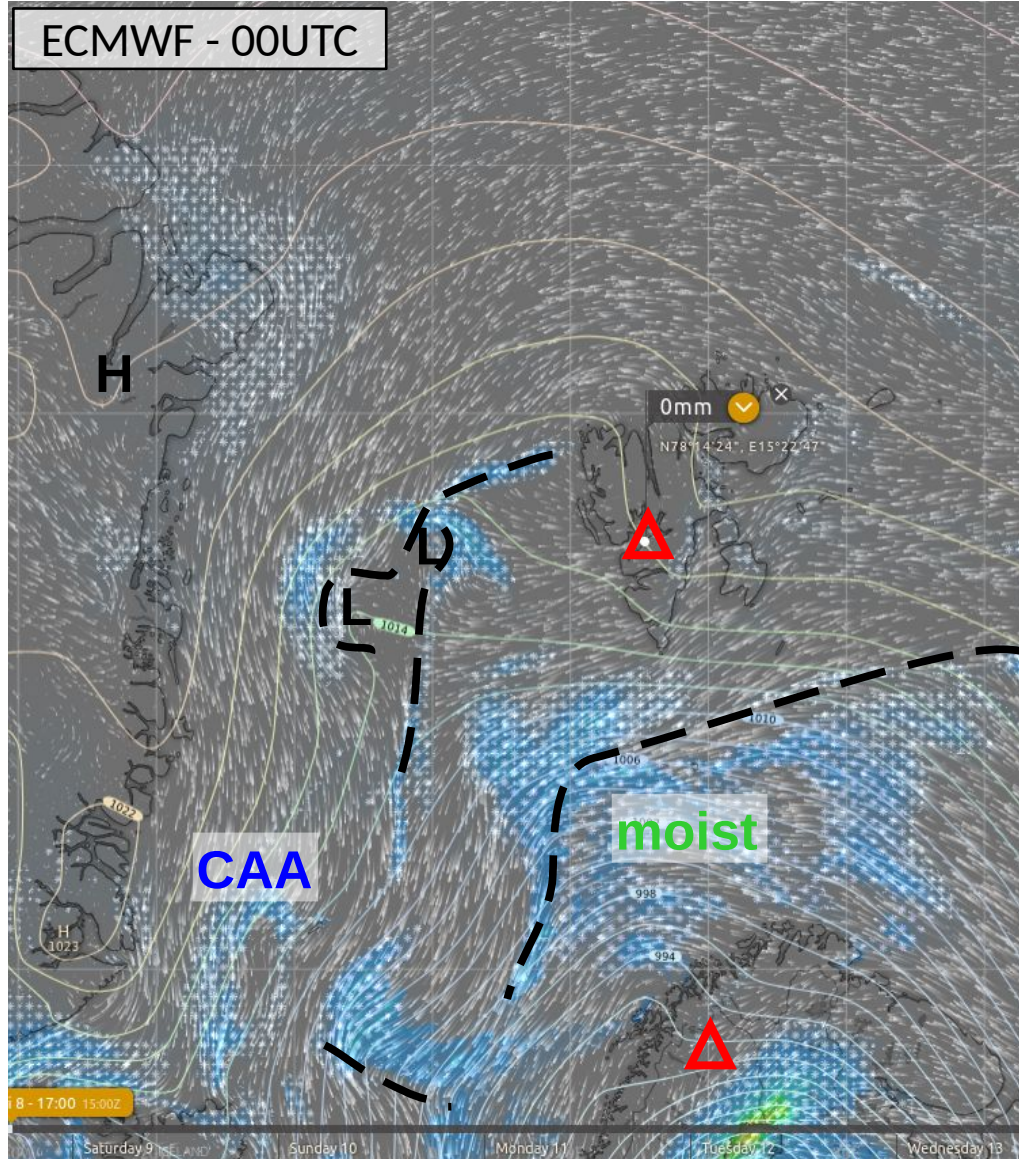
Friday, 2022-04-08 09 UTC



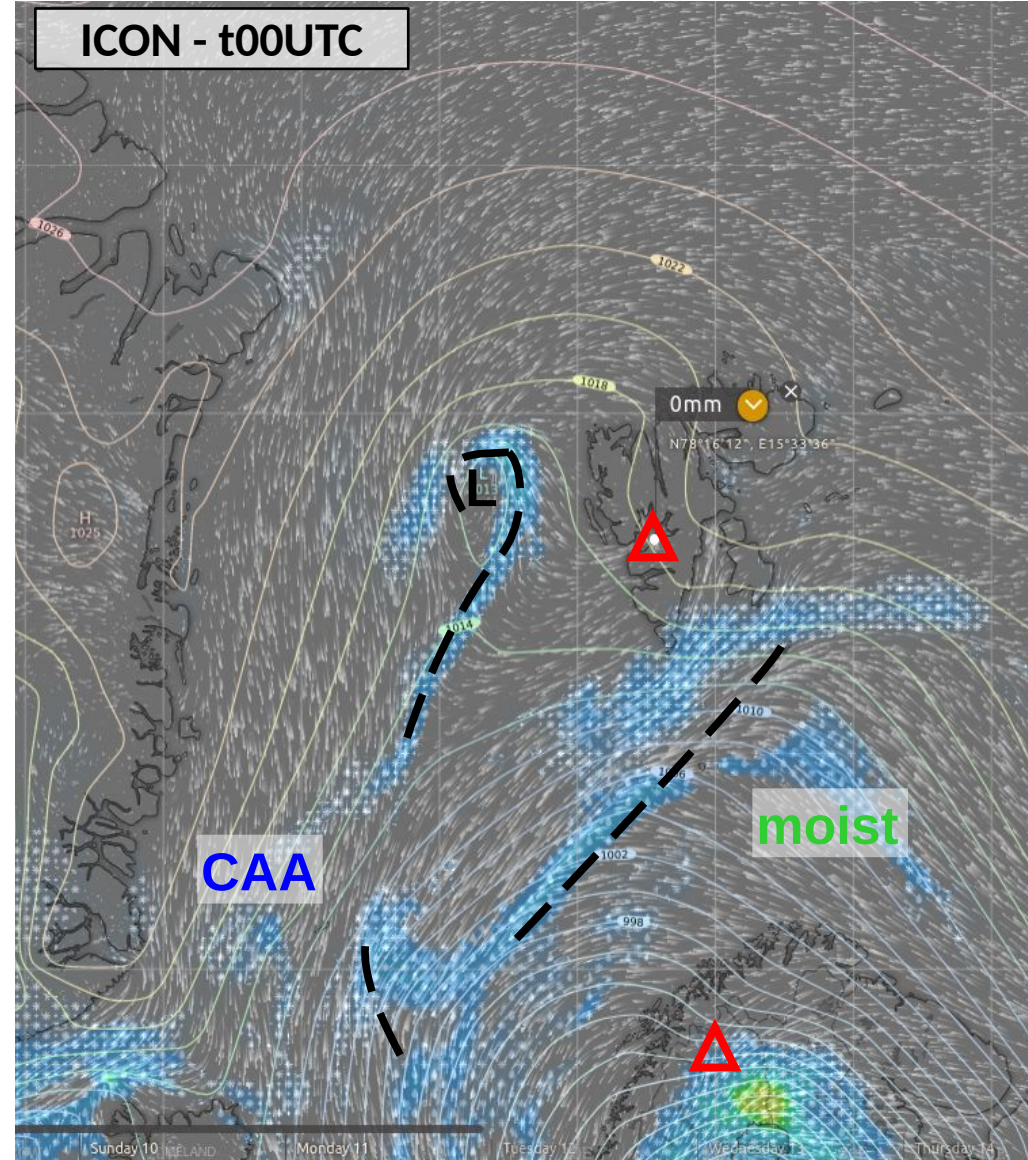
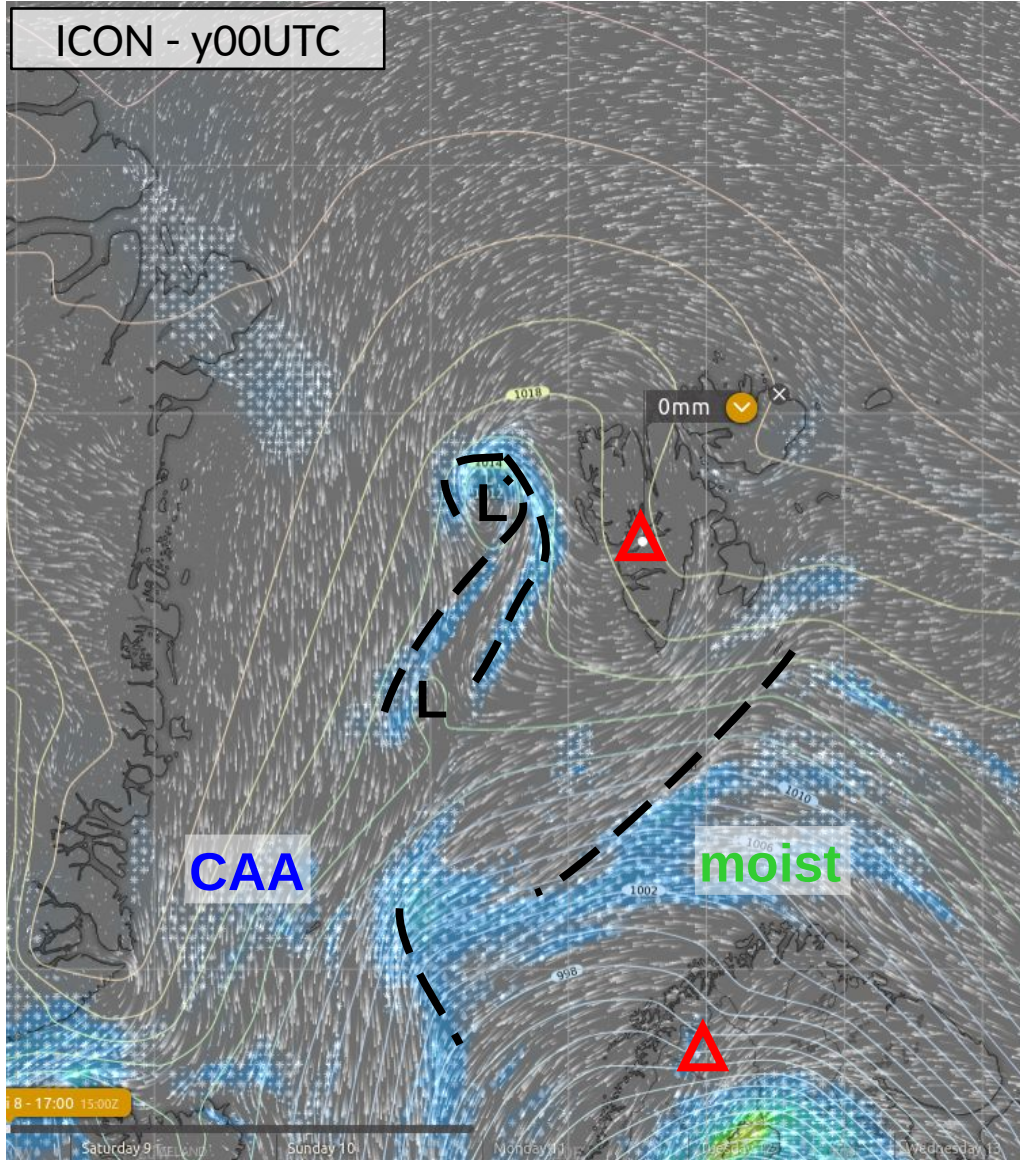
Friday, 2022-04-08 09 UTC



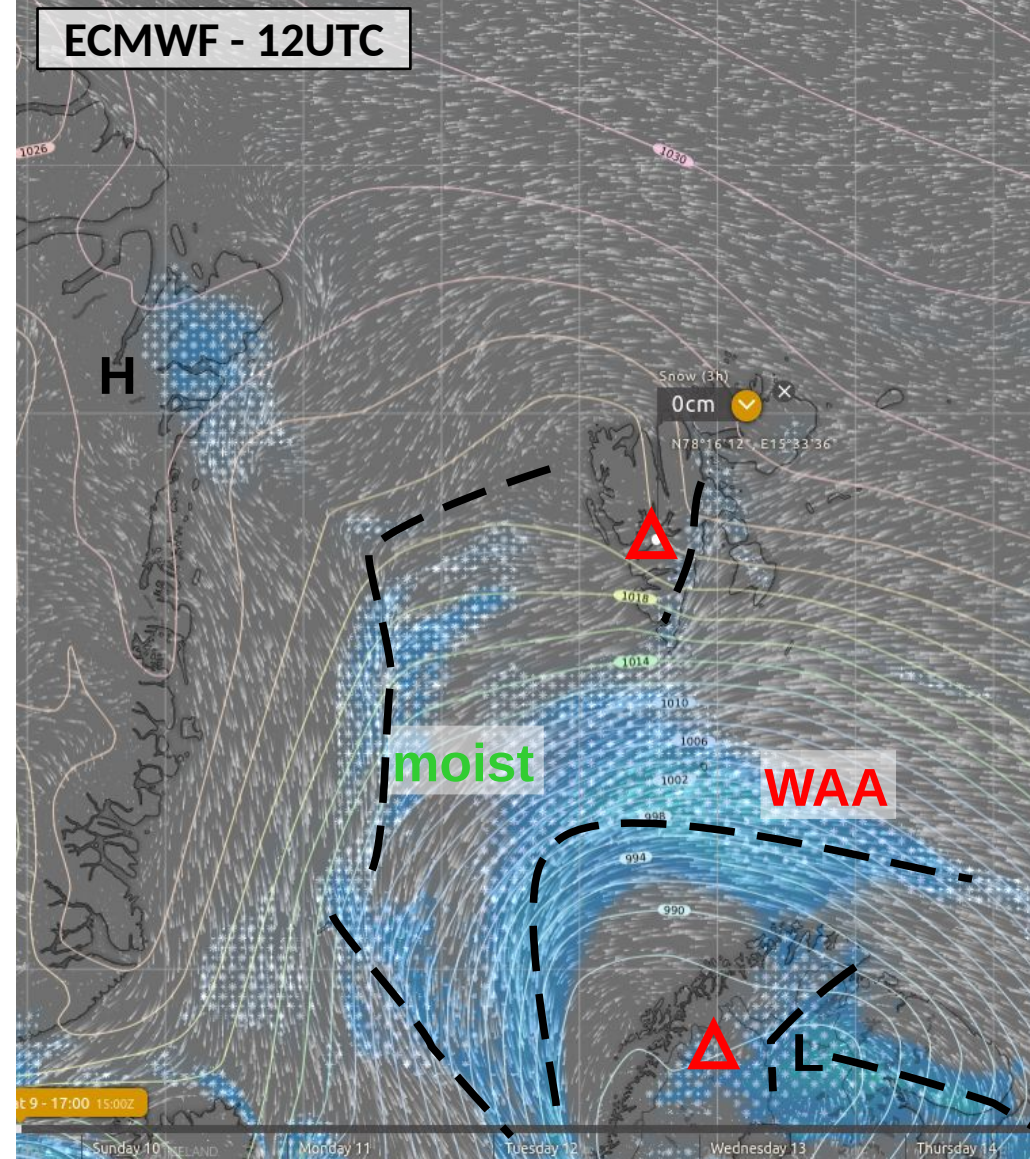
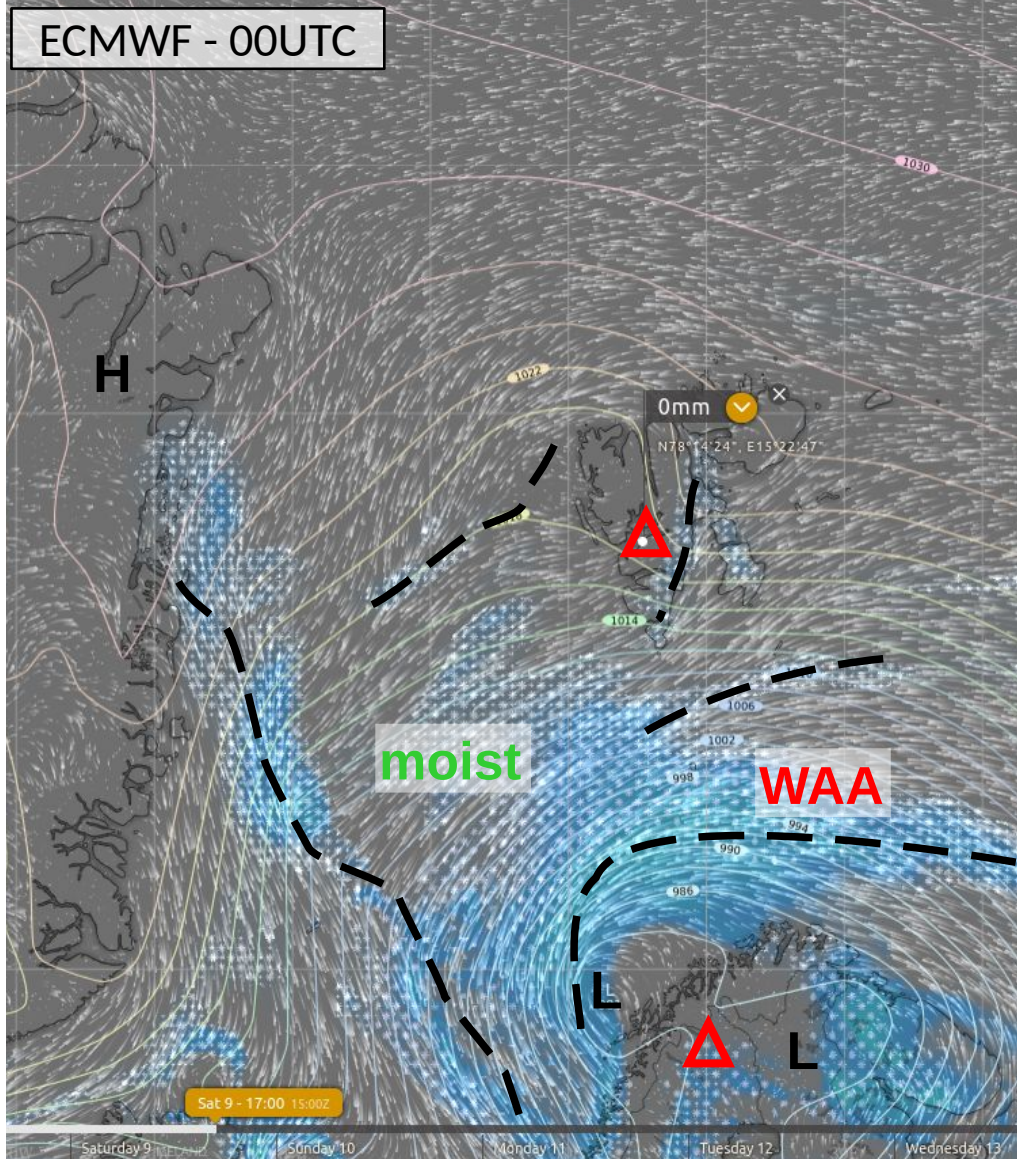
Friday, 2022-04-08 15 UTC



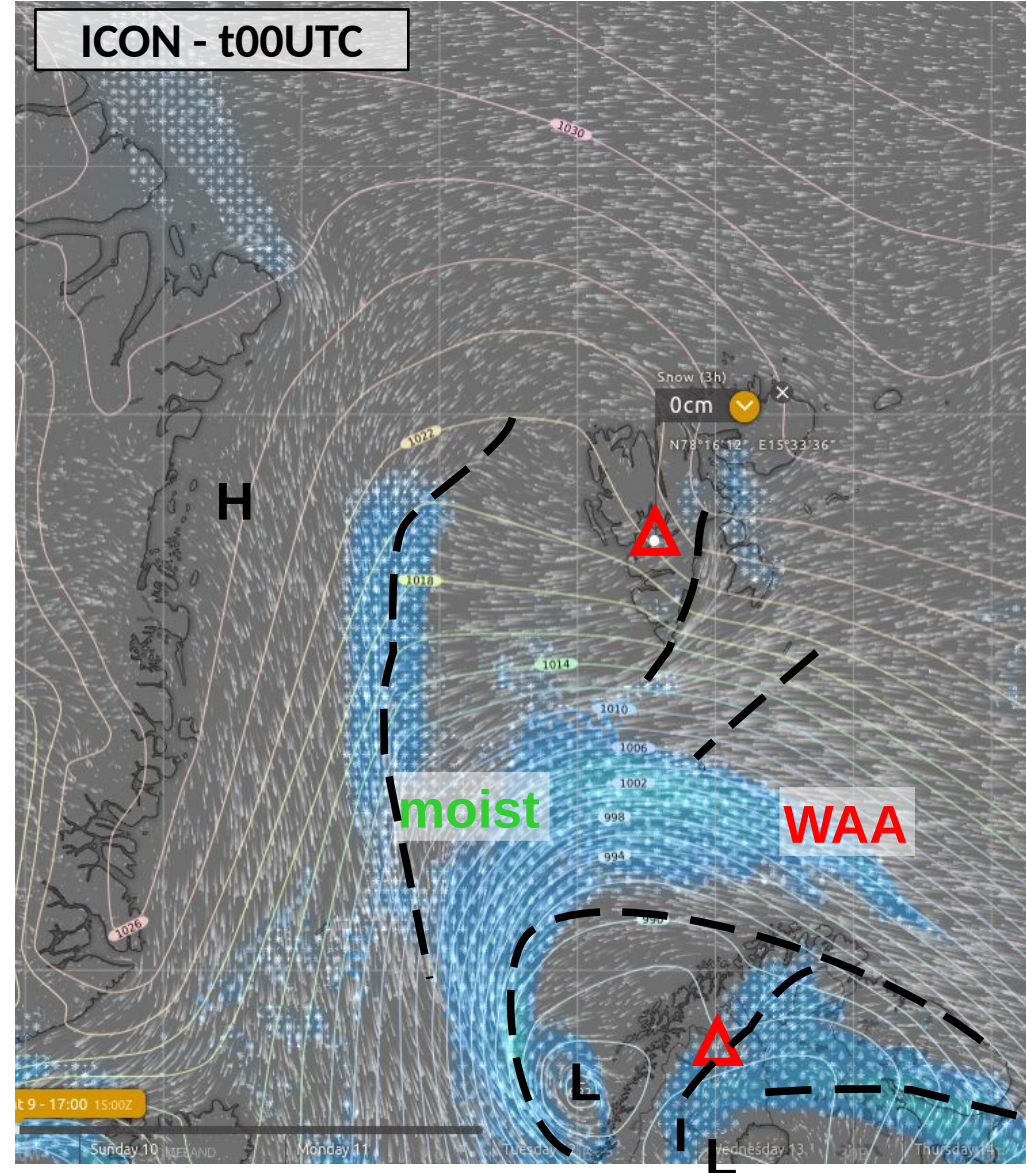
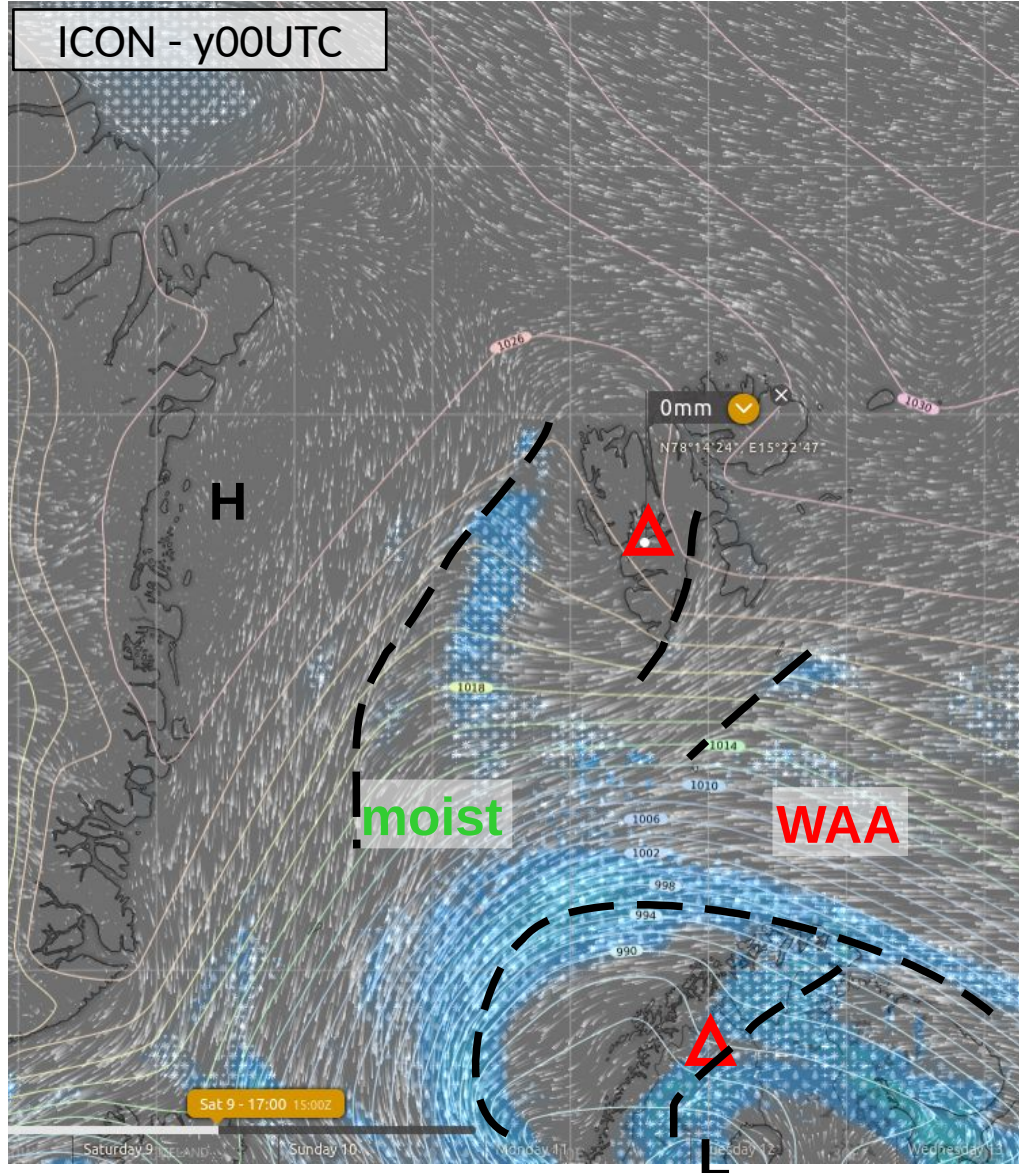
Friday, 2022-04-08 15 UTC



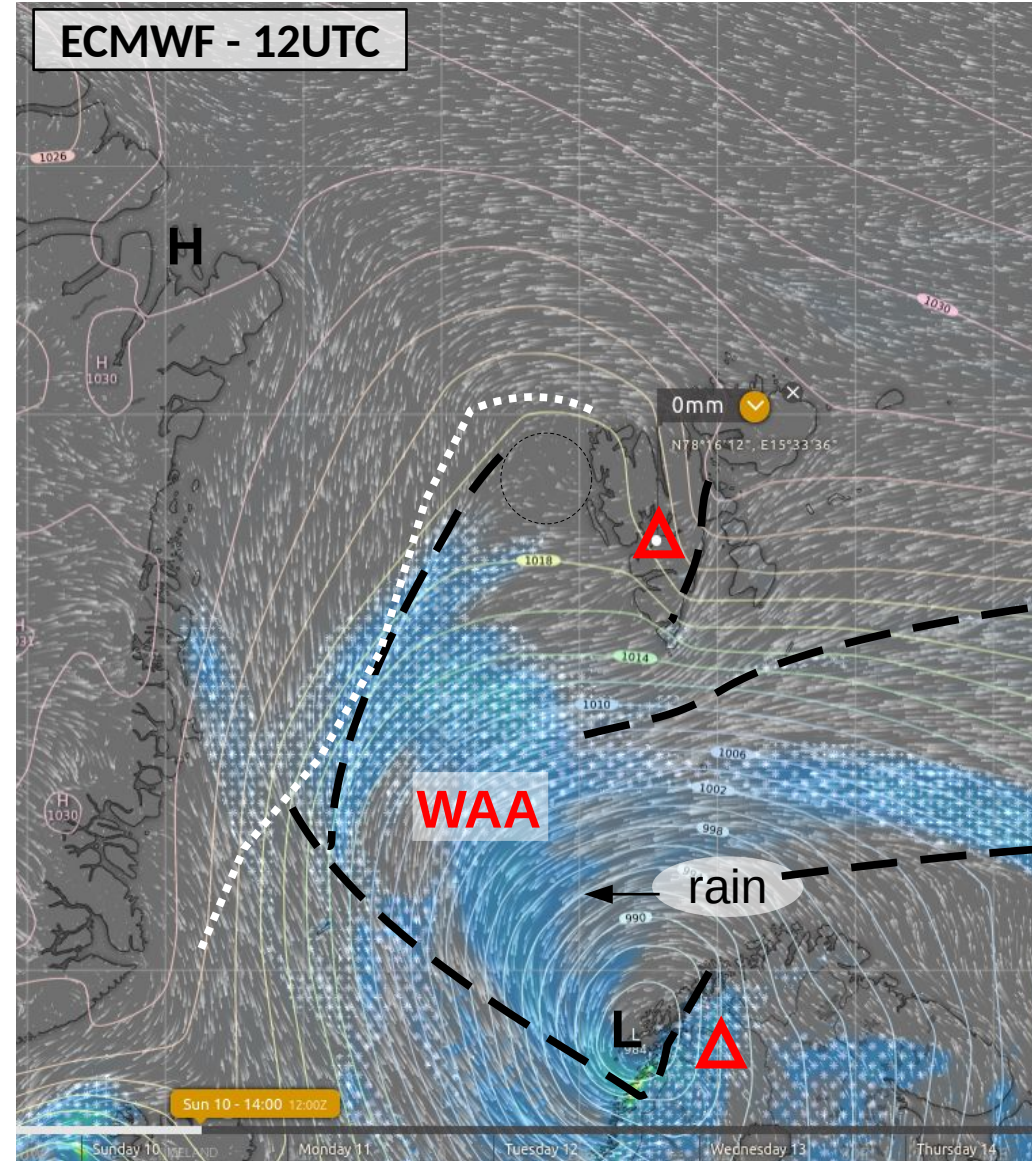
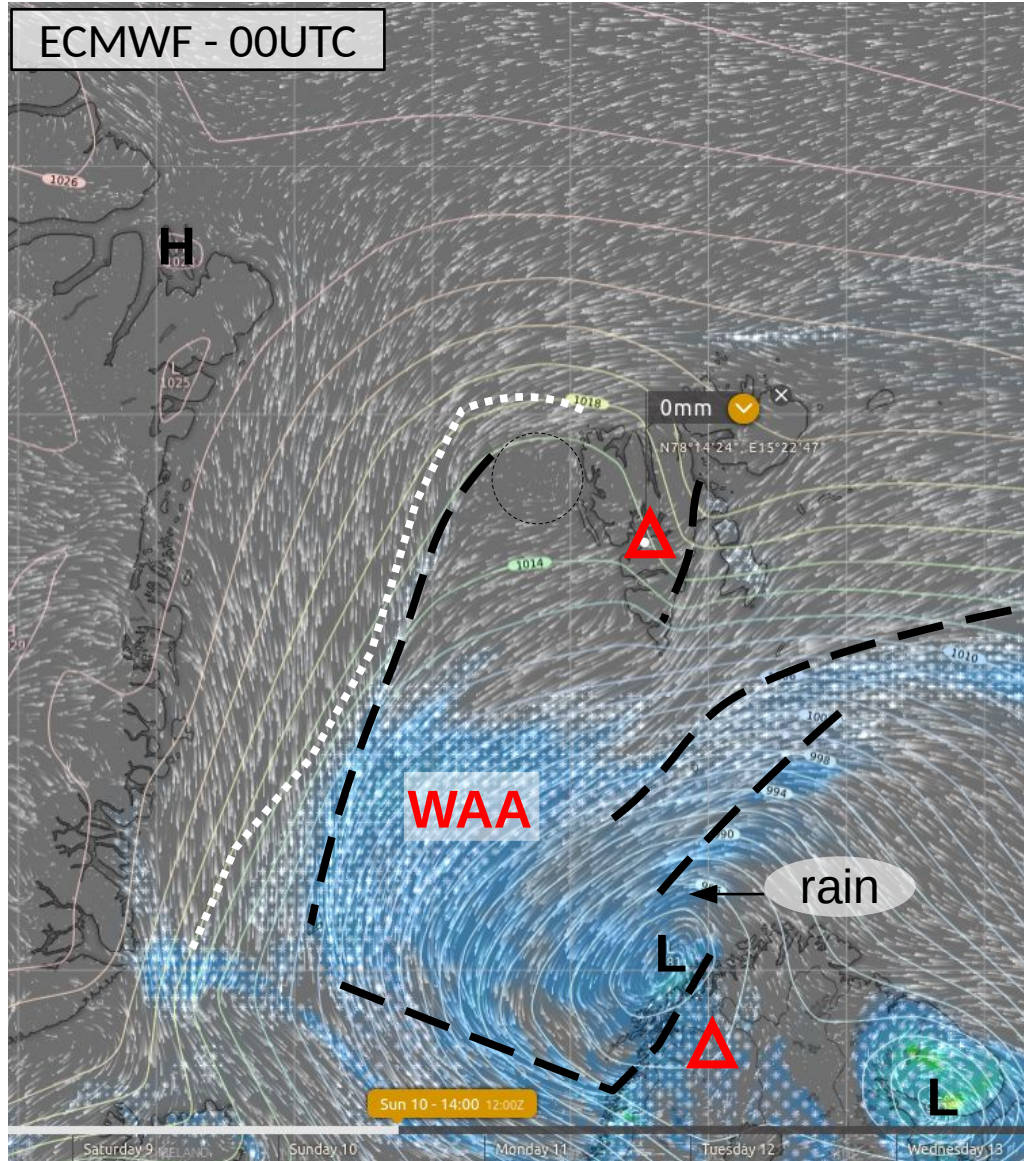
Saturday, 2022-04-09 15 UTC



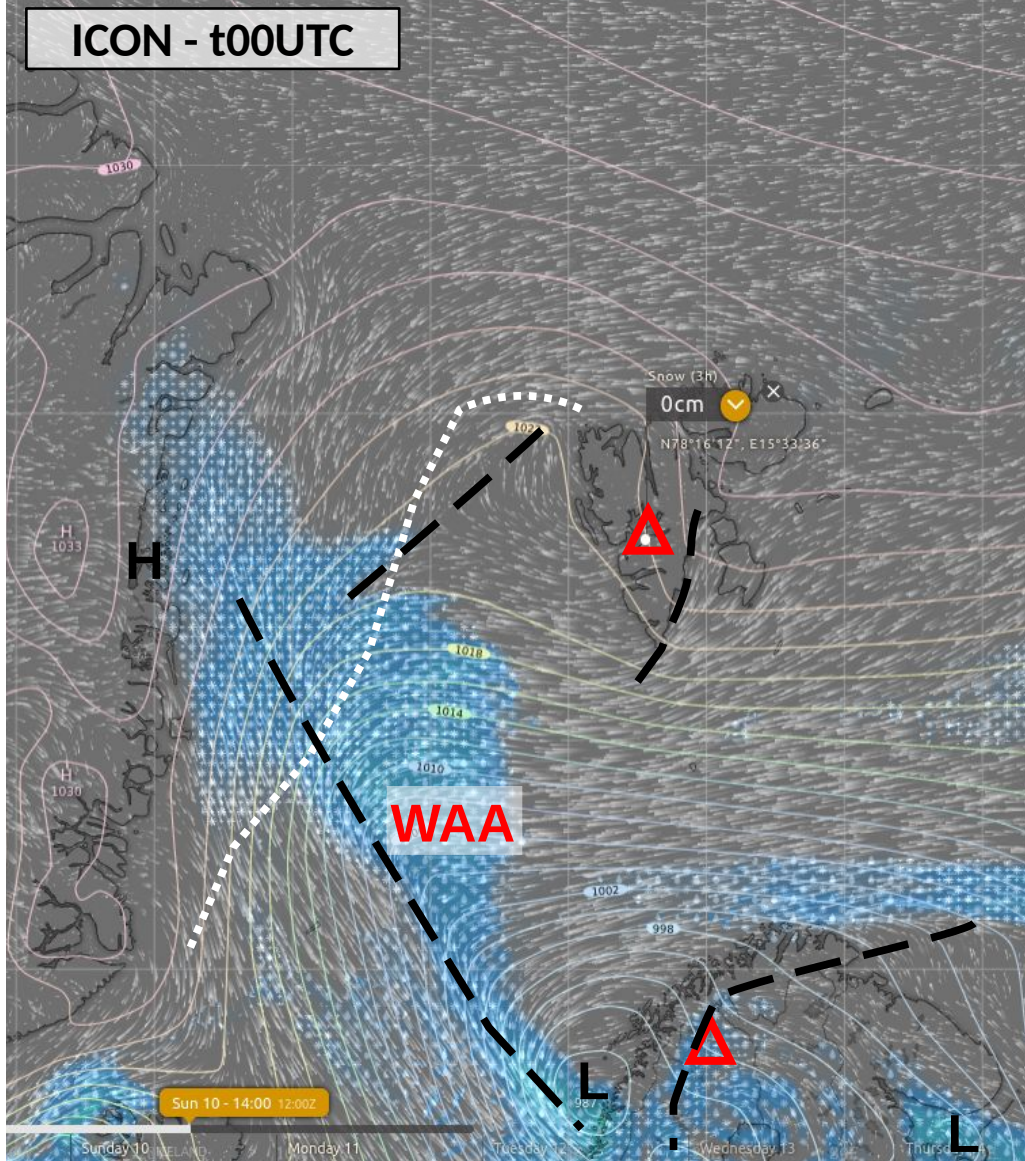
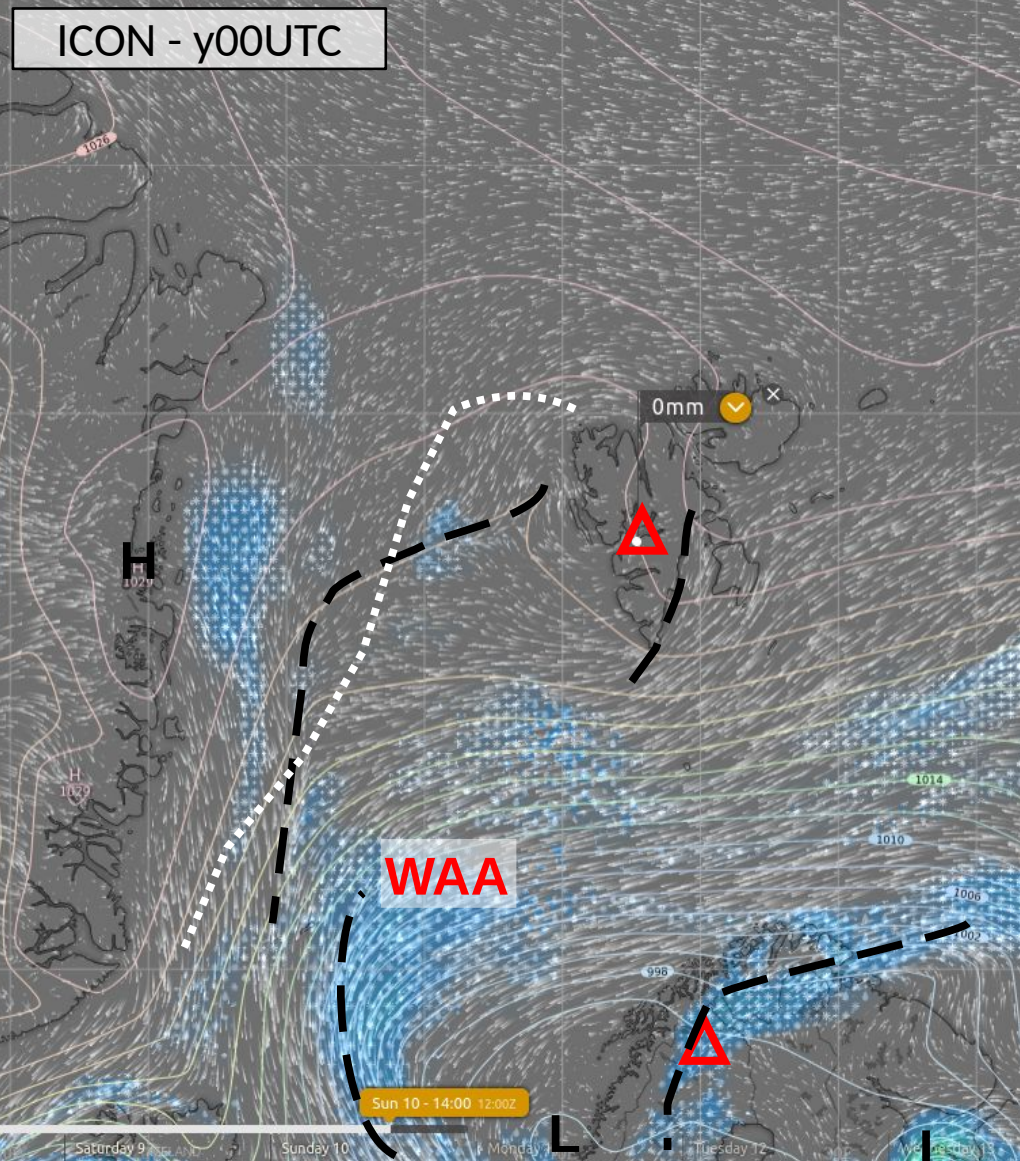
Saturday, 2022-04-09 15 UTC



Sunday, 2022-04-10 12 UTC

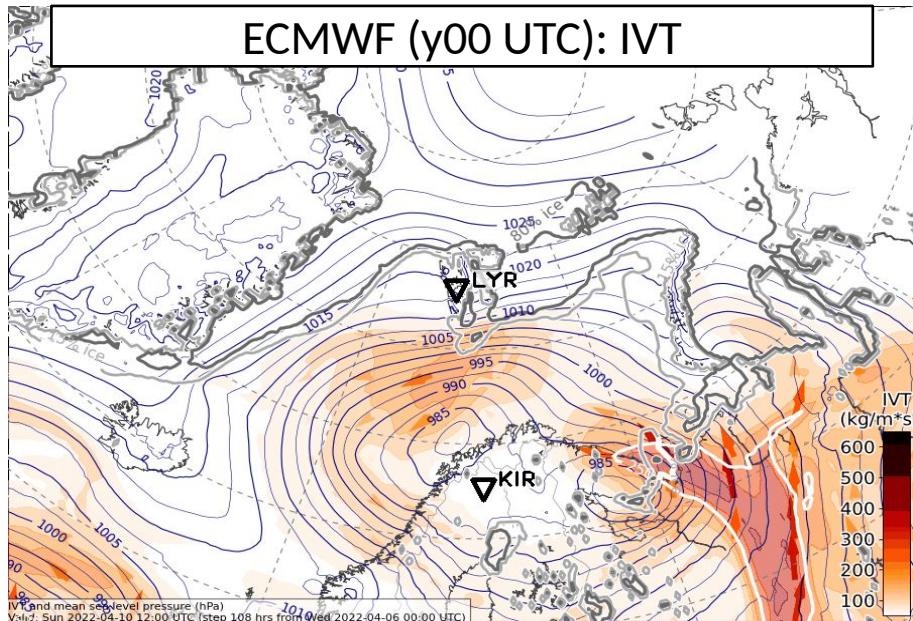


Sunday, 2022-04-10 12 UTC

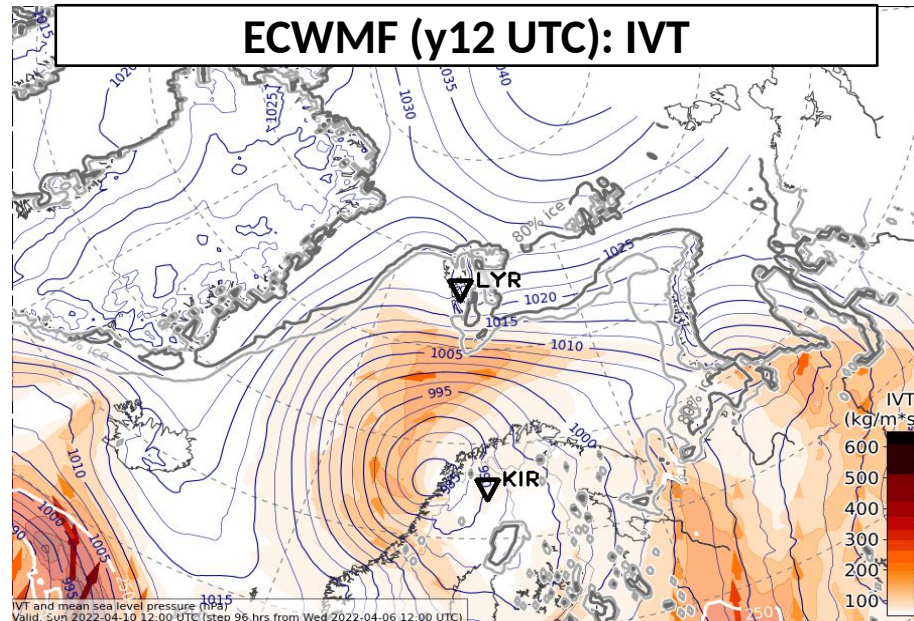


Sun, 2022-04-10 12 UTC

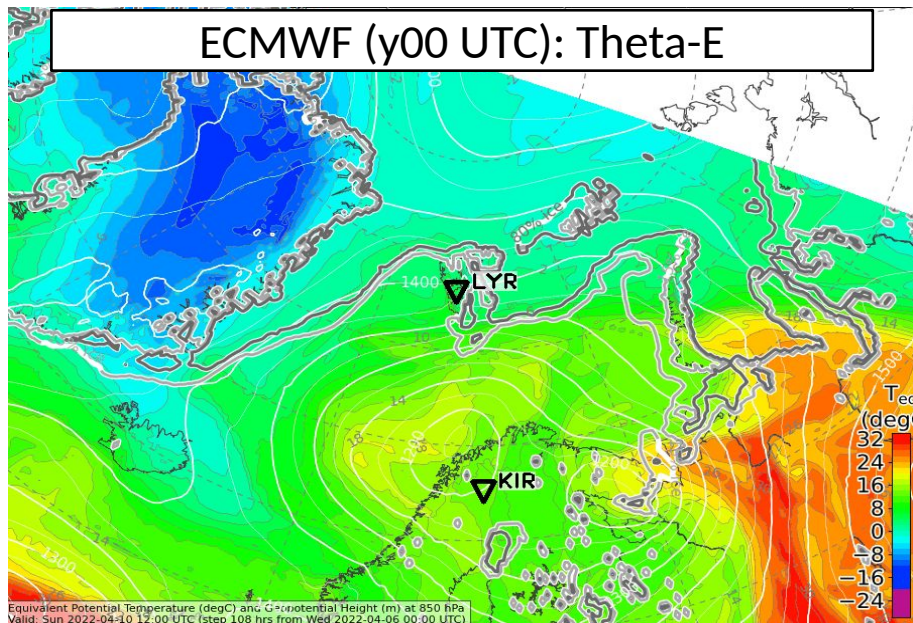
ECMWF (y00 UTC): IVT



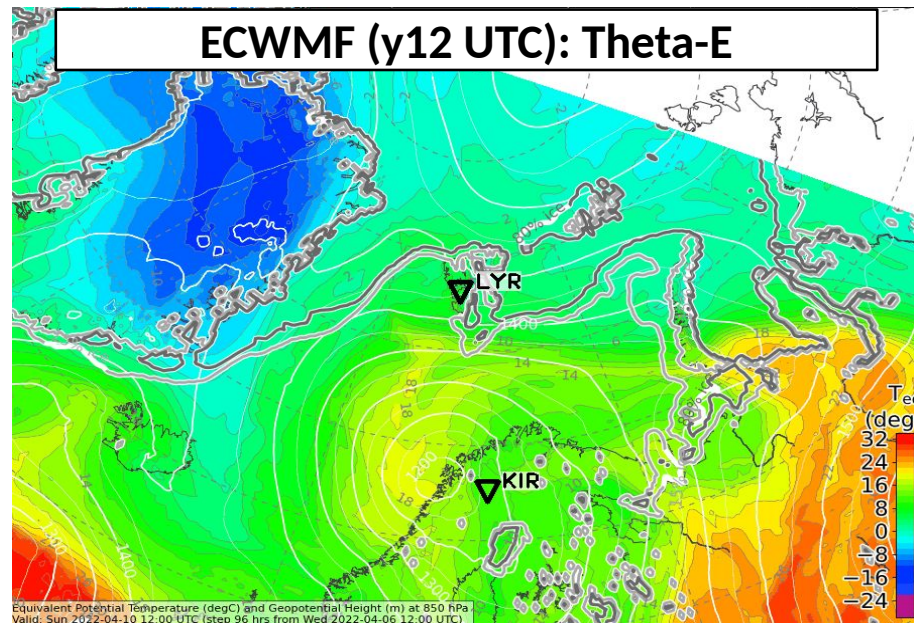
ECWMF (y12 UTC): IVT



ECMWF (y00 UTC): Theta-E



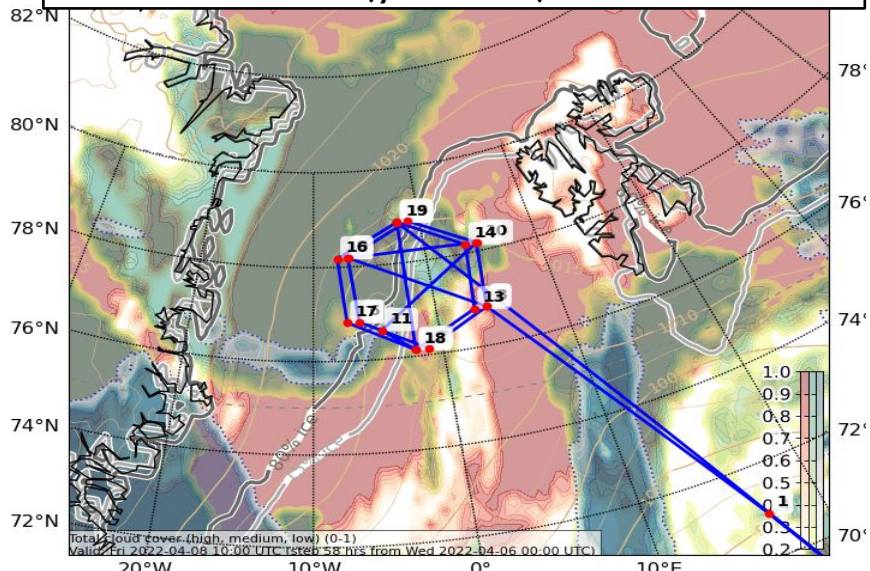
ECWMF (y12 UTC): Theta-E



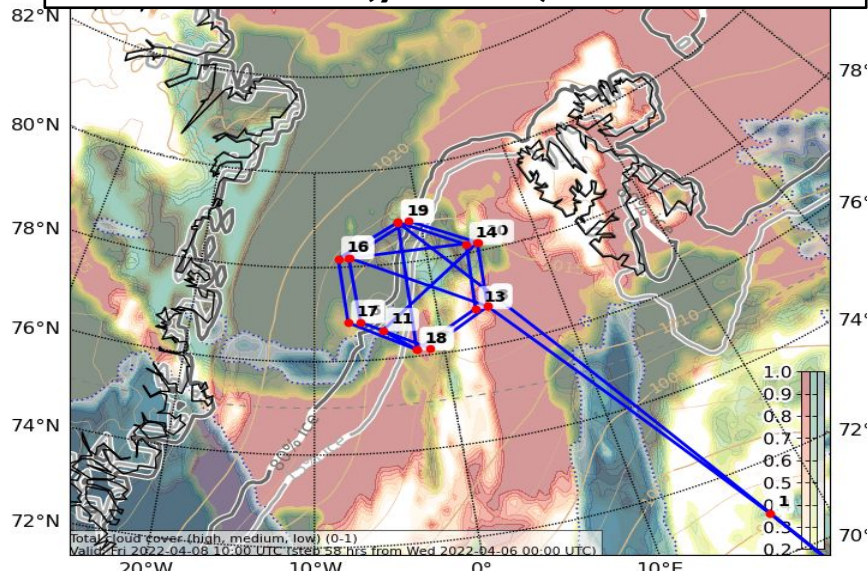
Forecast comparison cloud cover
yesterday 00 UTC vs. **yesterday 12 UTC/today 00 UTC**
ECMWF & ICON

Fri, 2022-04-08, Total cloud cover

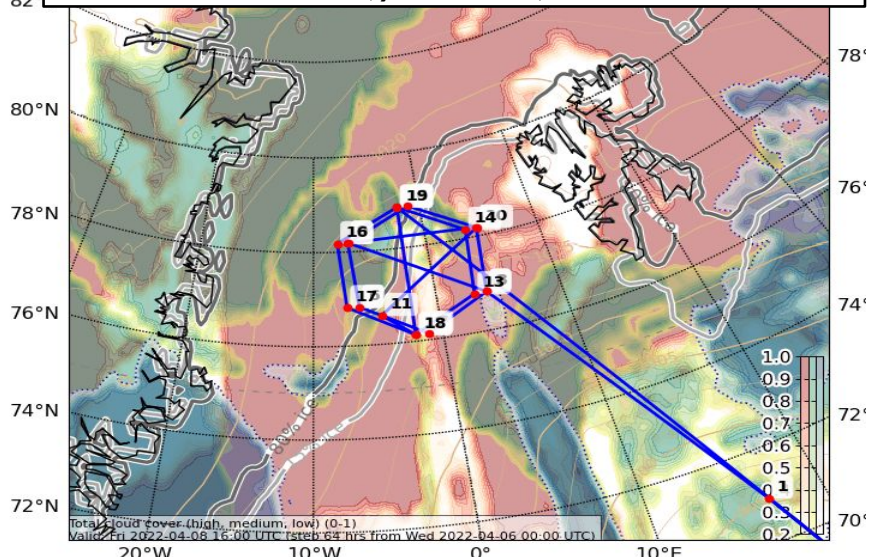
ECMWF (y00 UTC): 10 UTC



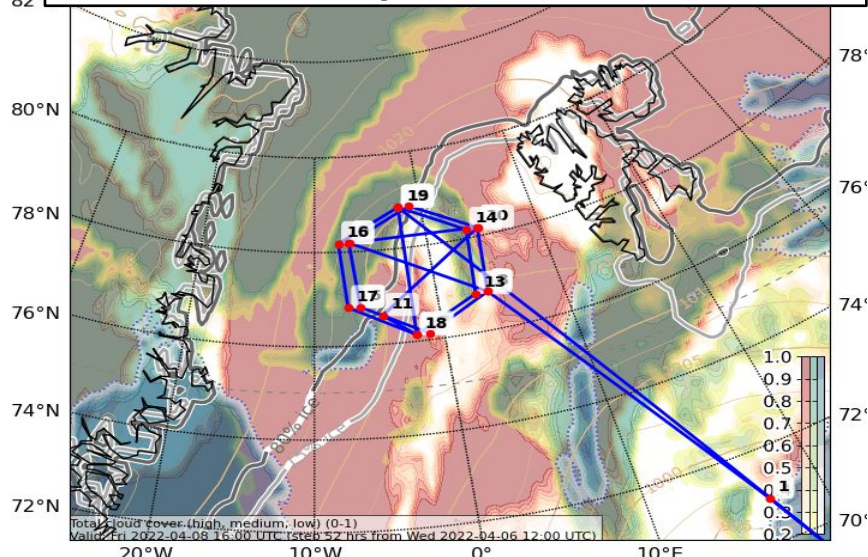
ECWMF (y12 UTC): 10 UTC



ECMWF (y00 UTC): 16 UTC

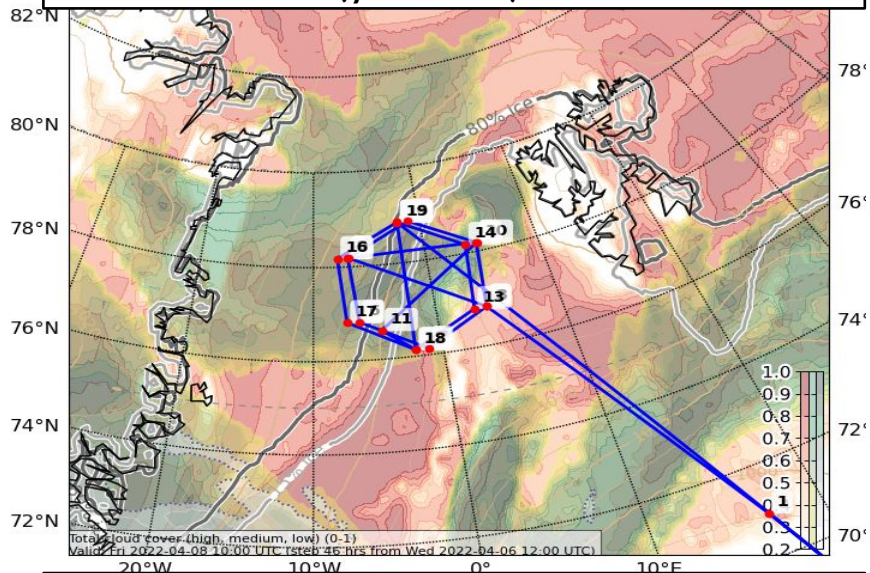


ECWMF (y12 UTC): 16 UTC

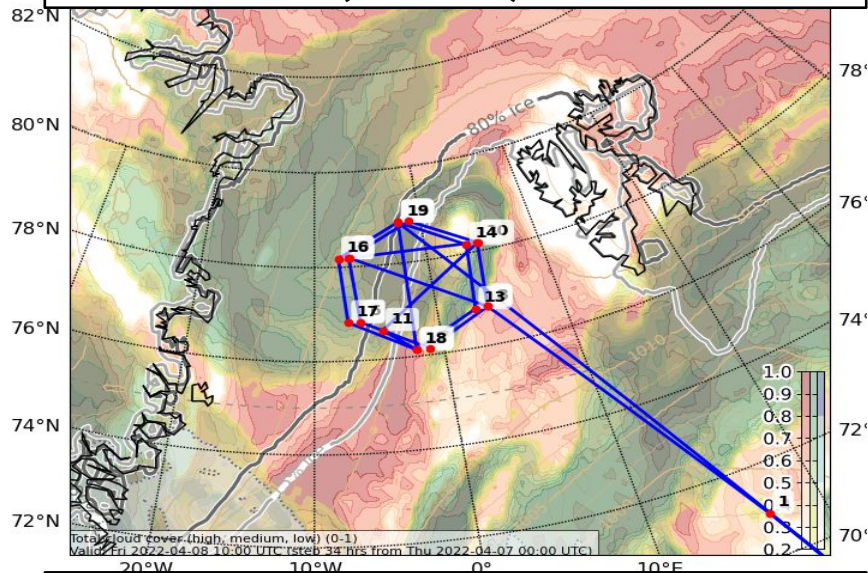


Fri, 2022-04-08, Total cloud cover

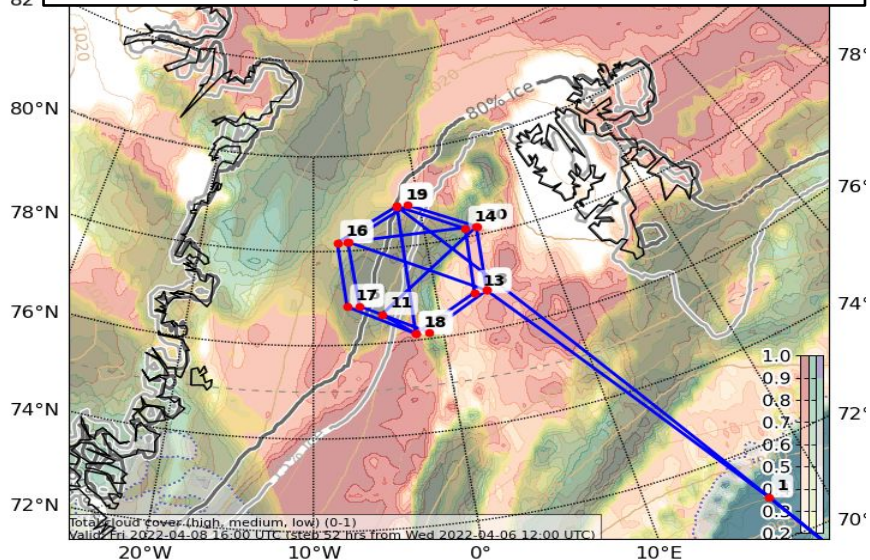
ICON (y12 UTC): 10 UTC



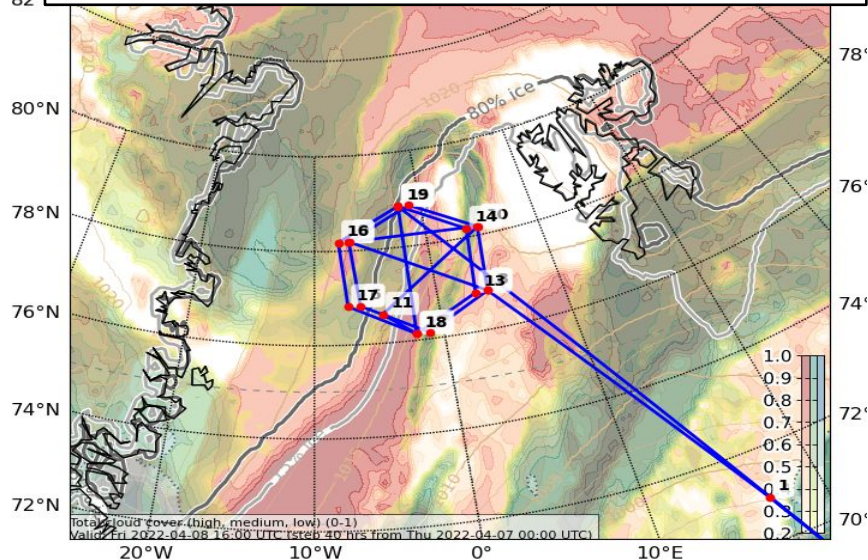
ICON (t00 UTC): 10 UTC



ICON (y12 UTC): 16 UTC

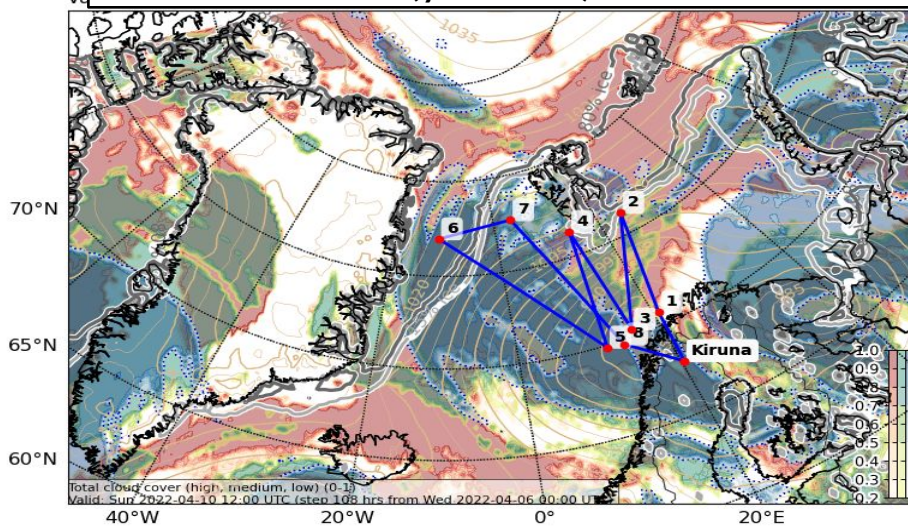


ICON (t00 UTC): 16 UTC

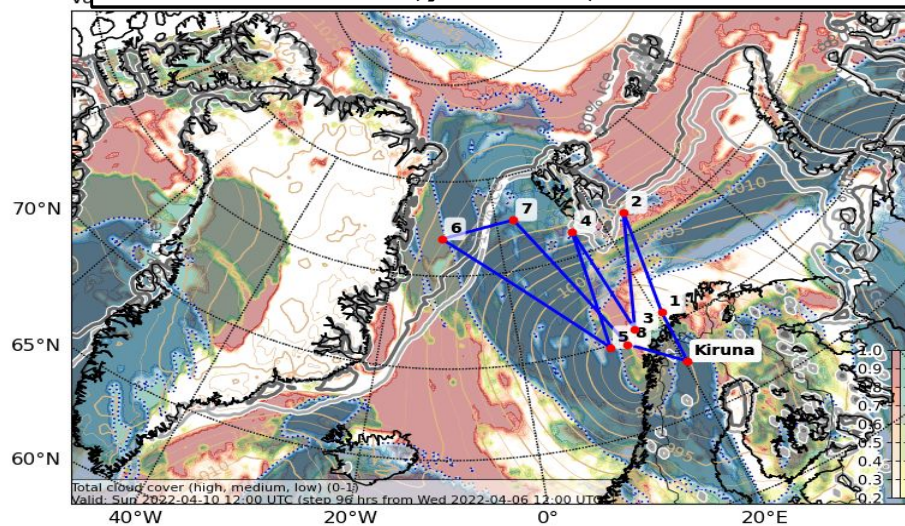


Sun, 2022-04-10, Total cloud cover

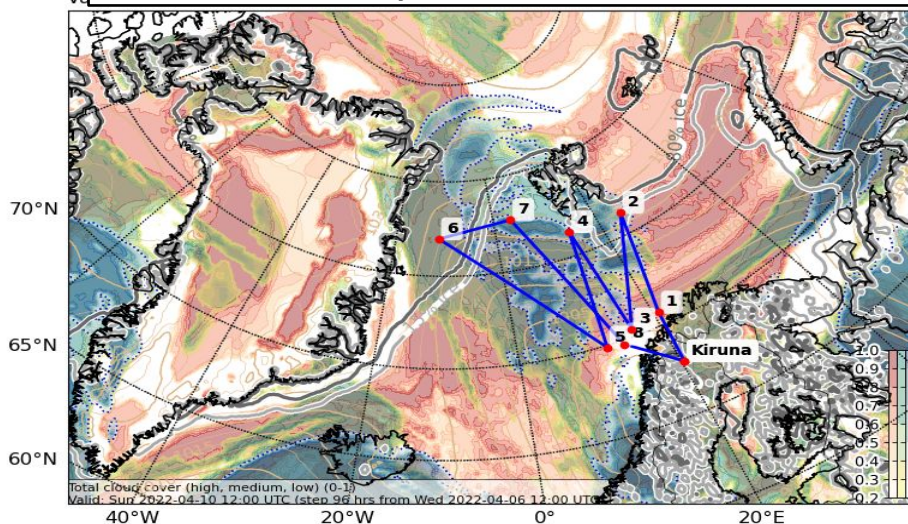
ECMWF (y00 UTC): 12 UTC



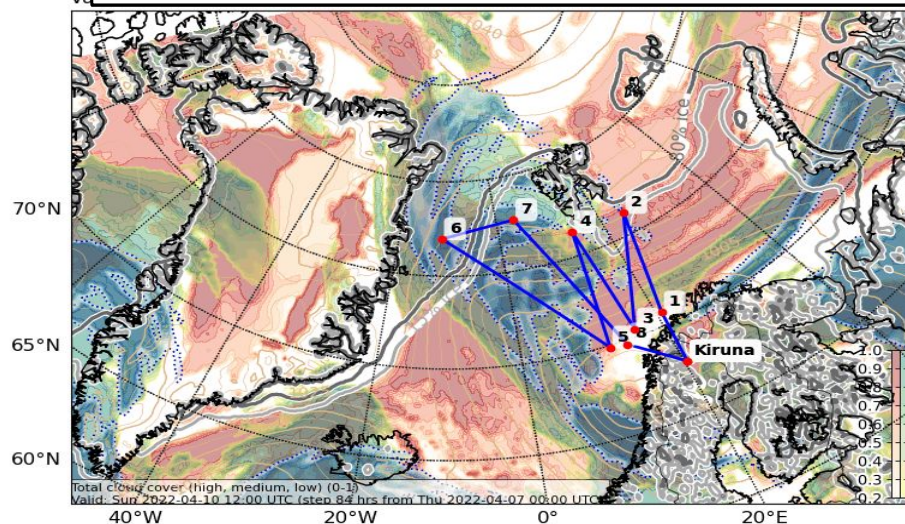
ECWMF (y12 UTC): 12 UTC



ICON (y12 UTC): 12 UTC



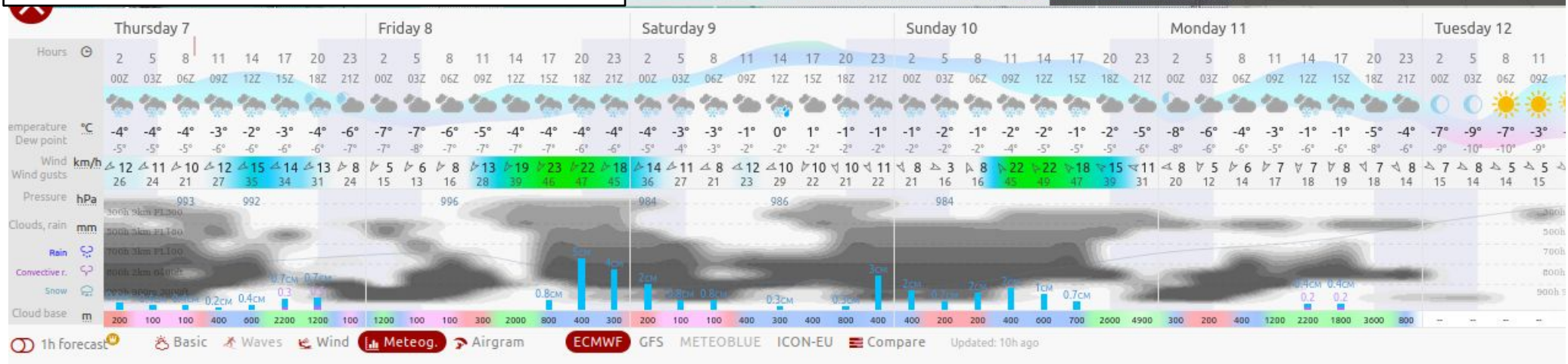
ICON (t00 UTC): 12 UTC



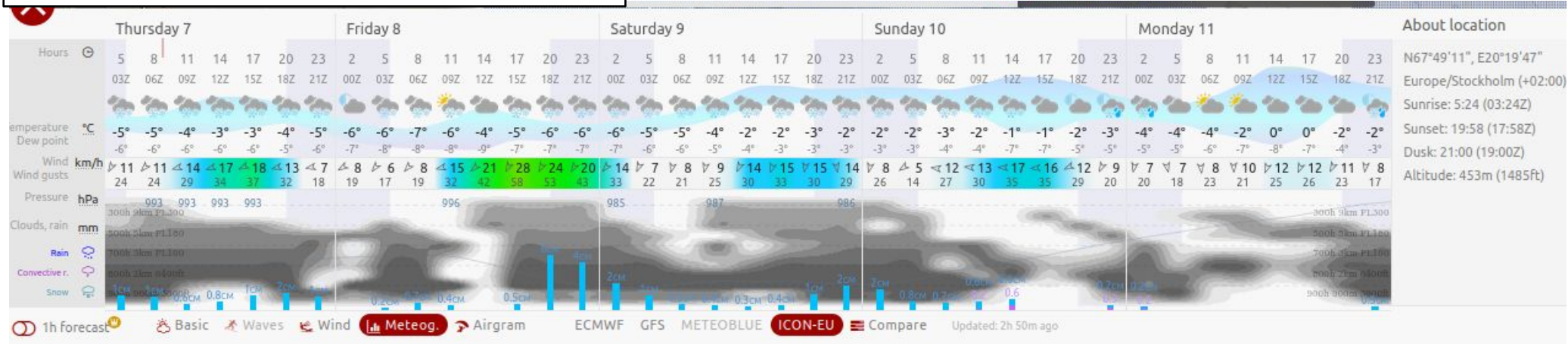
Airport meteograms & local weather

Kiruna:

ECWWMF



ICON

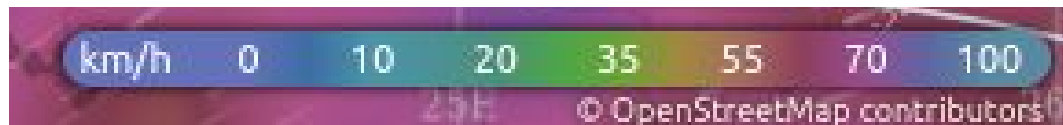
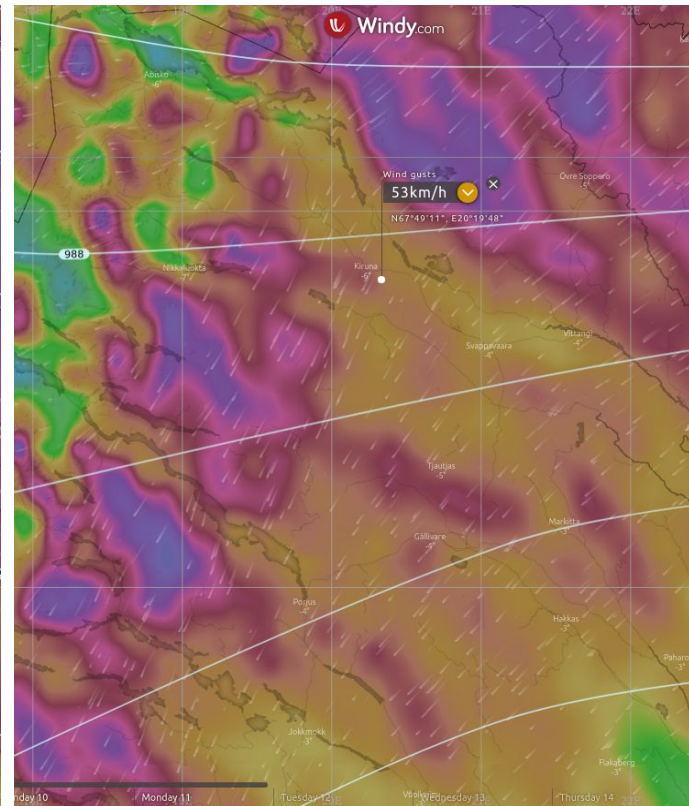
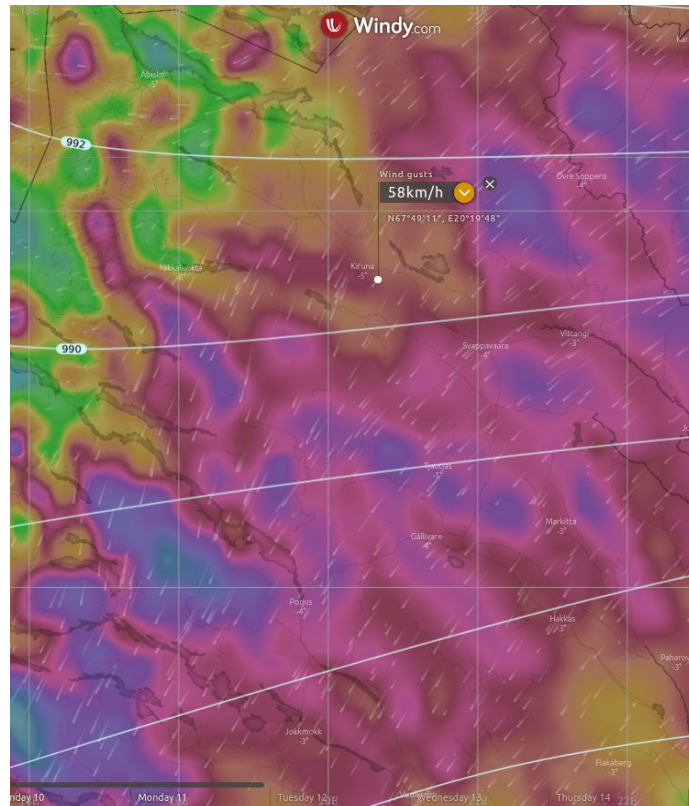
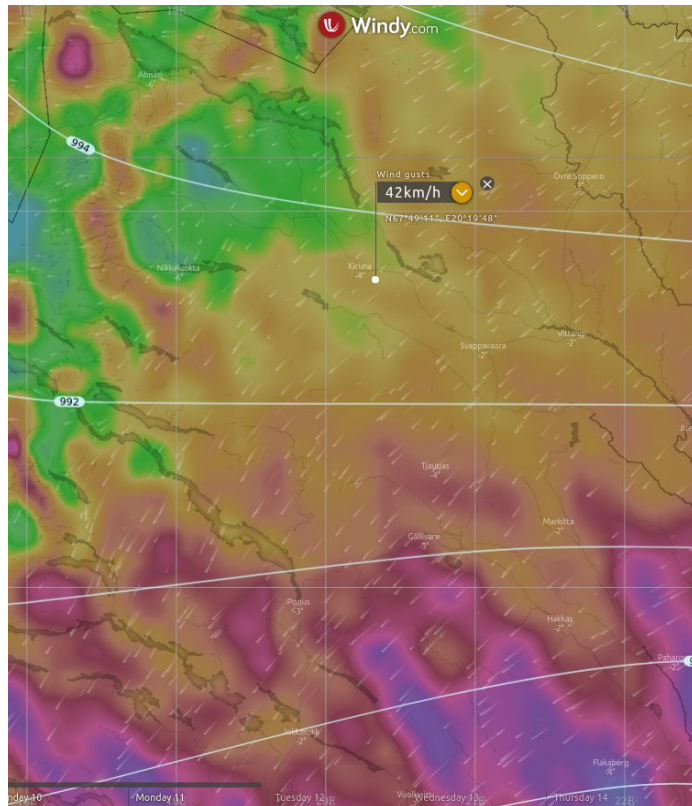


Kiruna: Fri, 2022-04-08, Wind gusts (ICON-EU)

12 UTC

15 UTC

18 UTC



Latest METAR and TAF Kiruna

Kiruna Airport

Kiruna, Sweden

latitude: 67-49N, longitude: 020-20E,
elevation: 452 m

Current weather observation

The report was made 27 minutes ago, at 06:20 UTC

Wind 6 kt from the North/Northeast

Temperature -5°C

Humidity 100%

Pressure 989 hPa

Visibility: 4100 m

Overcast at a height of 500 ft

light snow

Change units

METAR: ESNQ 070620Z 03006KT 4100
-SN OVC005 M05/M05 Q0989

Time: 08:47 (06:47 UTC)

Forecast

The report was made 1 hour and 17 minutes ago, at 05:30 UTC

Forecast valid from 07 at 06 UTC to 07 at 15 UTC

Wind 7 kt from the Northeast

Visibility: 6000 m

Overcast at a height of 500 ft

light snow

Probability 40%
from 07 at 06 UTC to 07 at 07 UTC

Visibility: 1400 m

at a height of 1500 ft

snow

Becoming
from 07 at 07 UTC to 07 at 09 UTC

Scattered clouds at a height of 2000 ft

Probability 40%
from 07 at 09 UTC to 07 at 12 UTC

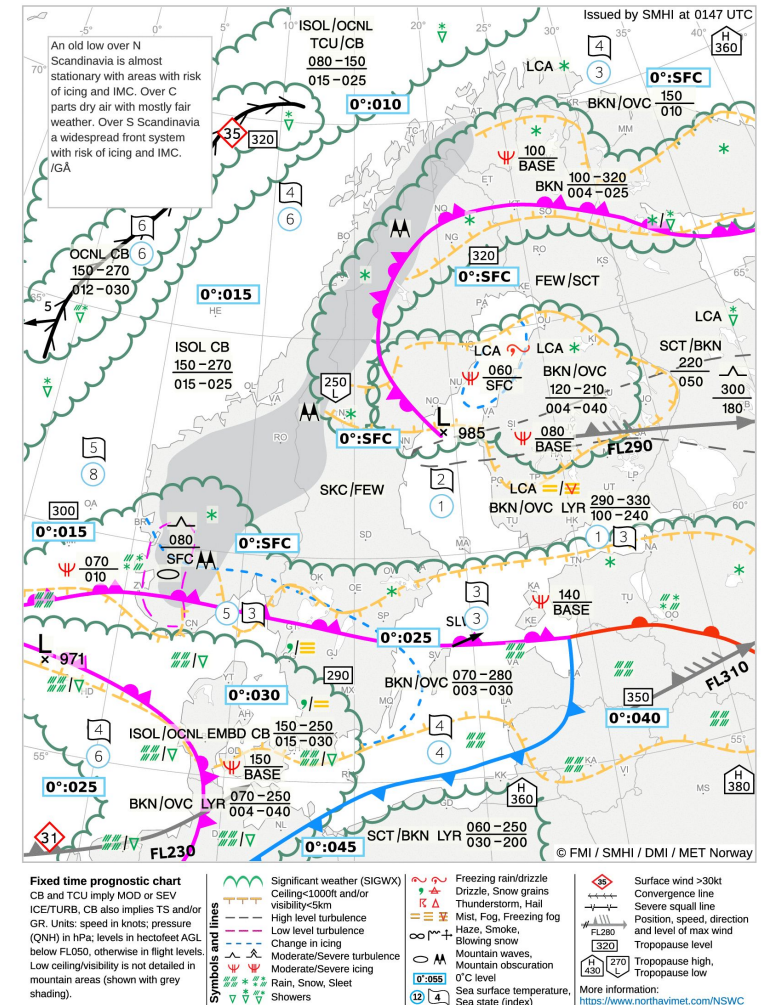
Broken clouds at a height of 1200 ft

TAF: ESNQ 070530Z 0706/0715 04007KT
6000 -SN OVC005 PROB40 0706/0707 1400
SN VV015 BECMG 0707/0709 SCT020
PROB40 0709/0712 BKN012

<https://www.ippc.no/ippc/index.jsp>

SWC SFC-FL450

valid time 06 UTC 07.04.2022



Low level forecast

SE - Sweden (1 - Halland/Skåne) DK - Denmark FI - Finland

See weather overview for area se2 + se3

Vis, clouds, weather Cloud top, turb, icing Surface wind/QNH High level winds/ Temp Text forecast

Cloud top Turbulence Icing Freezing level CB

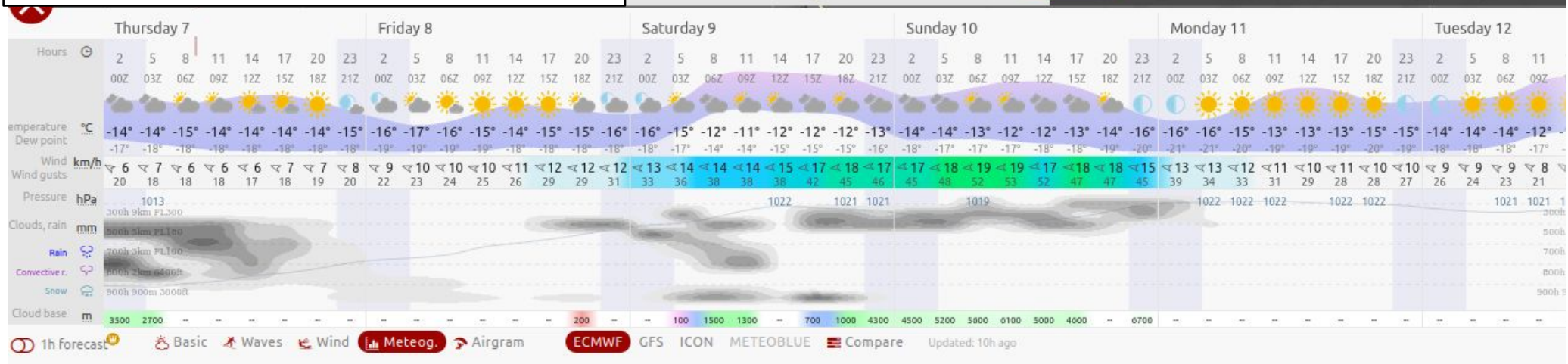
06-08 UTC 08-10 UTC 10-12 UTC

VALID 08-10 UTC 07-04-2022

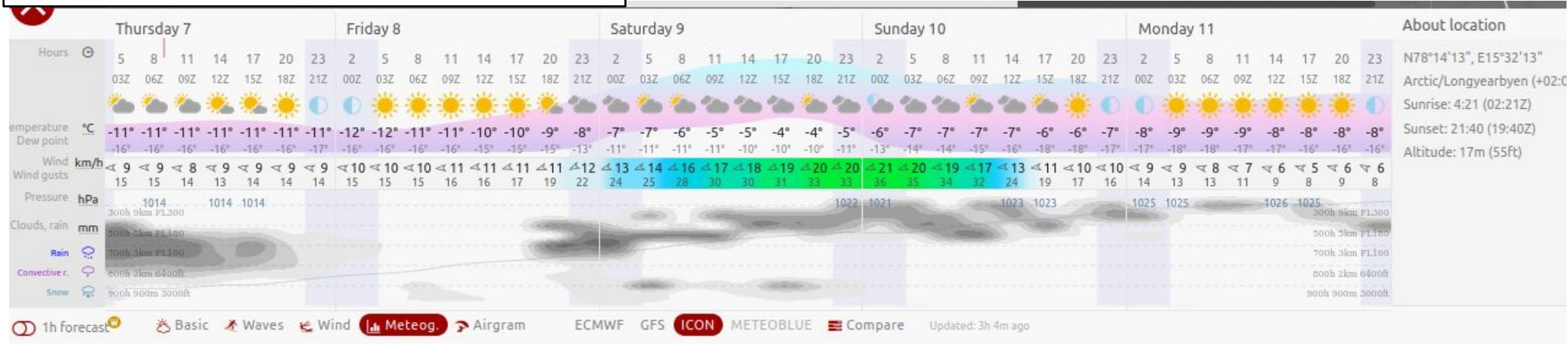
The map displays the geographical outline of Sweden and surrounding regions. Three distinct areas are highlighted in a light red color, indicating forecasted icing. Each area contains a white box with a black icing icon (a stylized 'W' with a horizontal bar) and a two-line code: '070 005' for the northernmost area, and '080 010' for the two southern areas. The text 'VALID 08-10 UTC 07-04-2022' is positioned in the upper right corner of the map area. On the left side of the map, there are three small square buttons: a plus sign, a minus sign, and a refresh symbol.

Longyearbyen:

ECWMF



ICON



Summary

Summary: Weather Update 2022-04-07, 09:00 LT

- **Friday, 2022-04-08:**
 - Position of polar low still uncertain, models still prefer „their” solution
 - Kiruna: Low/front from South comes in faster → High wind gusts and prec. earlier
- **Saturday, 2022-04-09:**
 - WAA predicted to be faster and with more extent to North/Northwest
 - Convergence(s) over Fram Strait, exact position uncertain
- **Sunday, 2022-04-10:**
 - WAA reaches Fram Strait but most probably without affecting ice edge a lot
 - Due to different orientation of warm front, now more cirrus clouds predicted also further to North