

Weather briefing

HALO-(AC)³

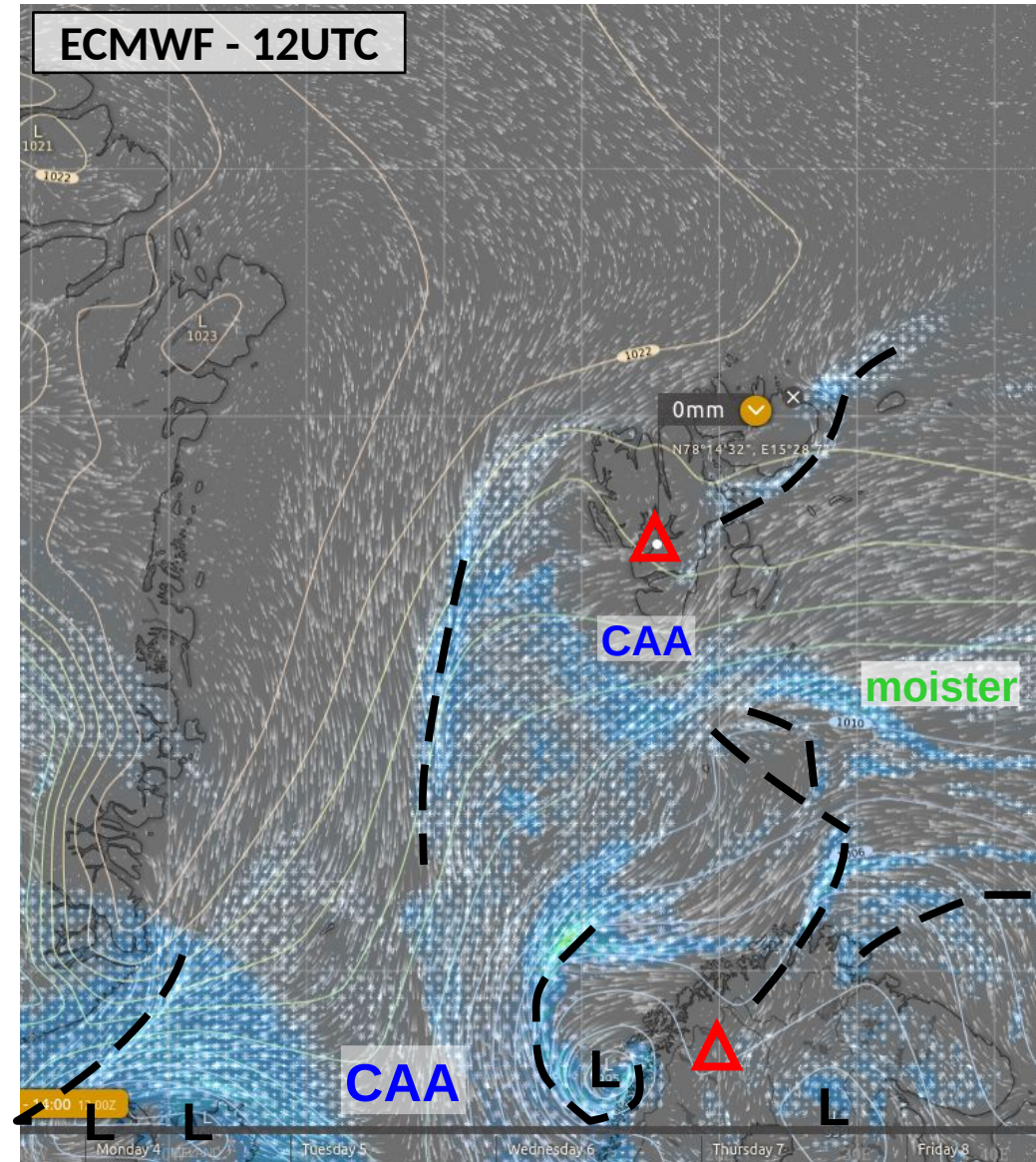
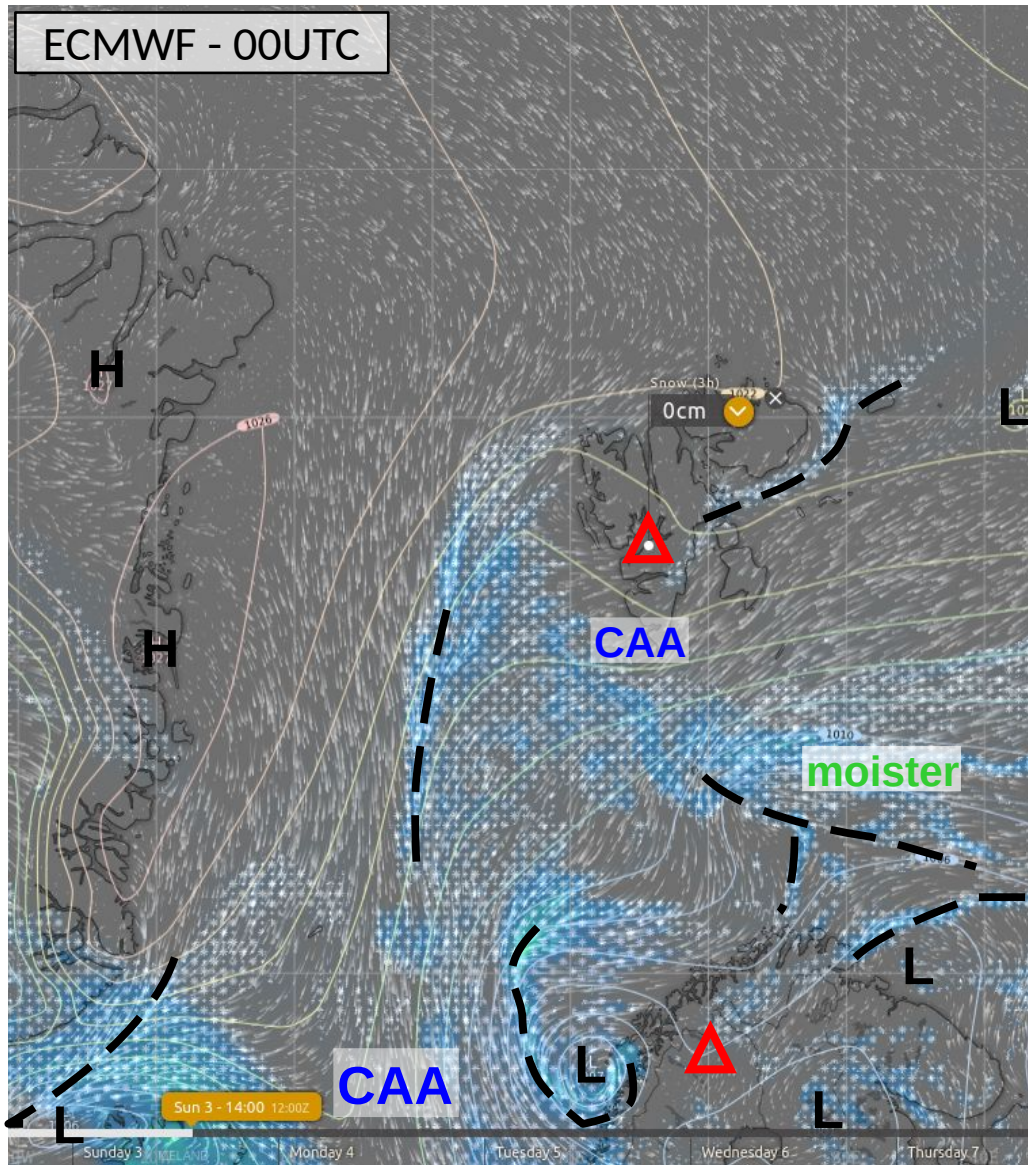
Friday, 2022-04-01, 09:00 LT

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

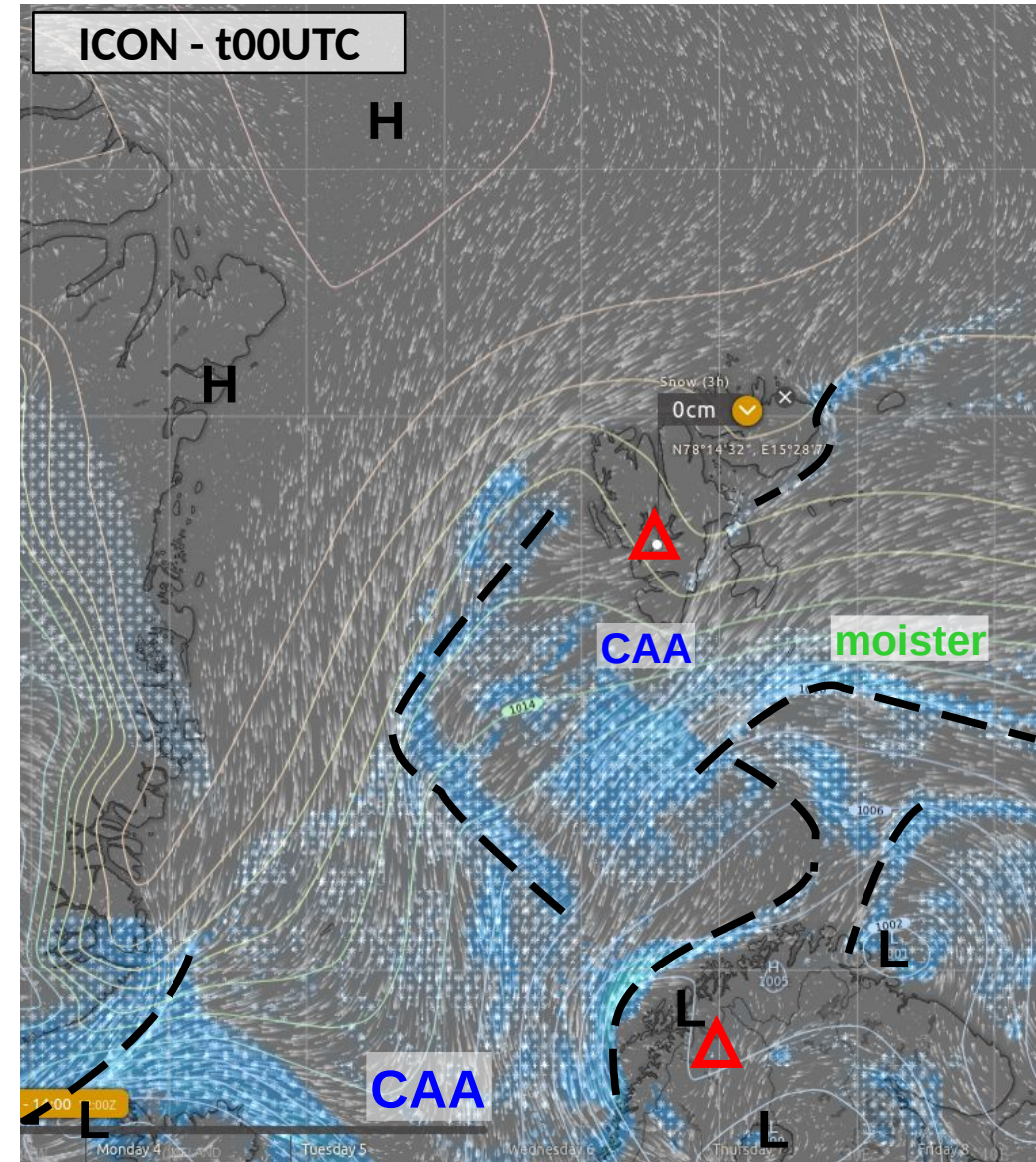
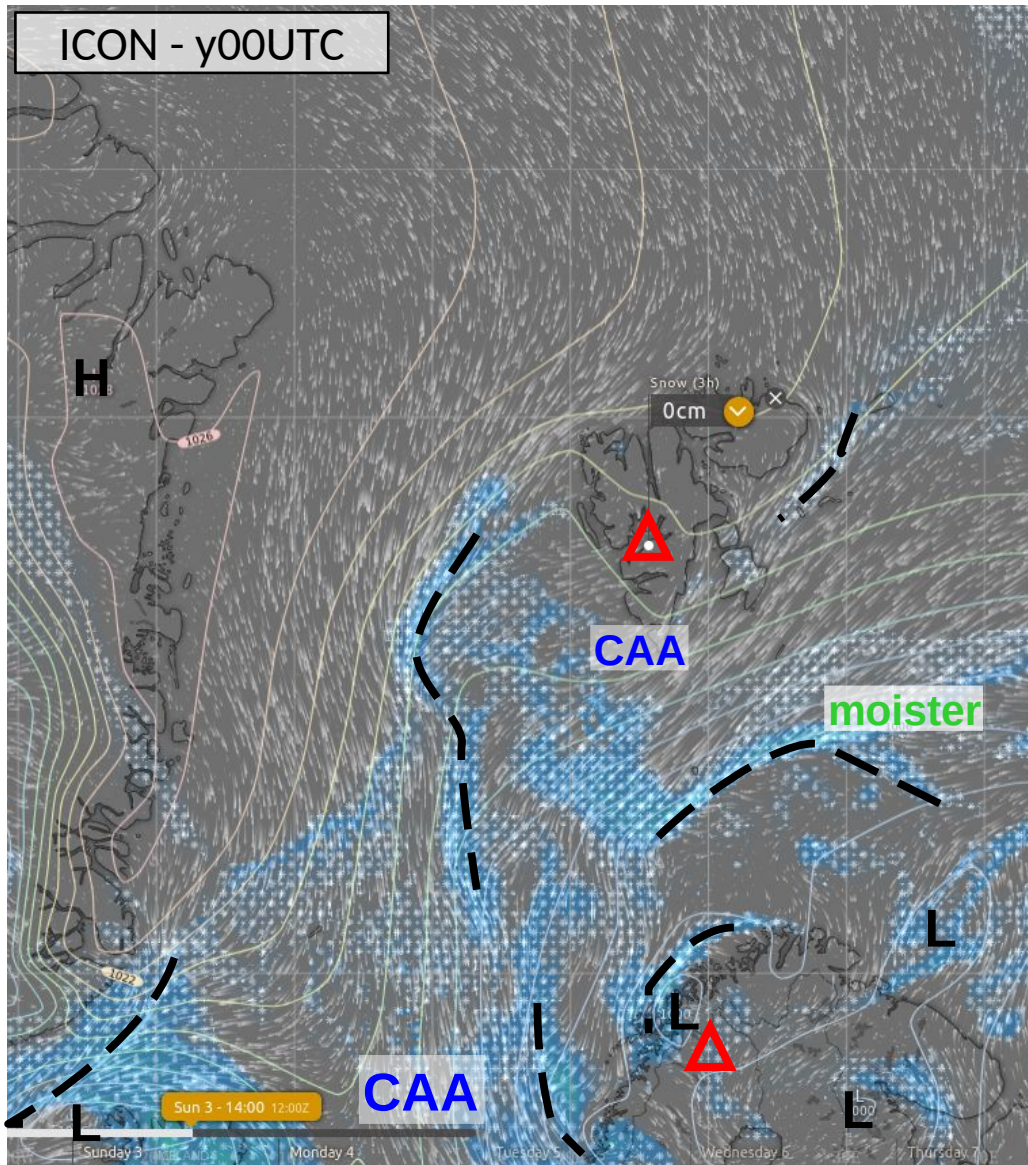
CAA: Cold Air Advection

WAA: Warm Air Advection

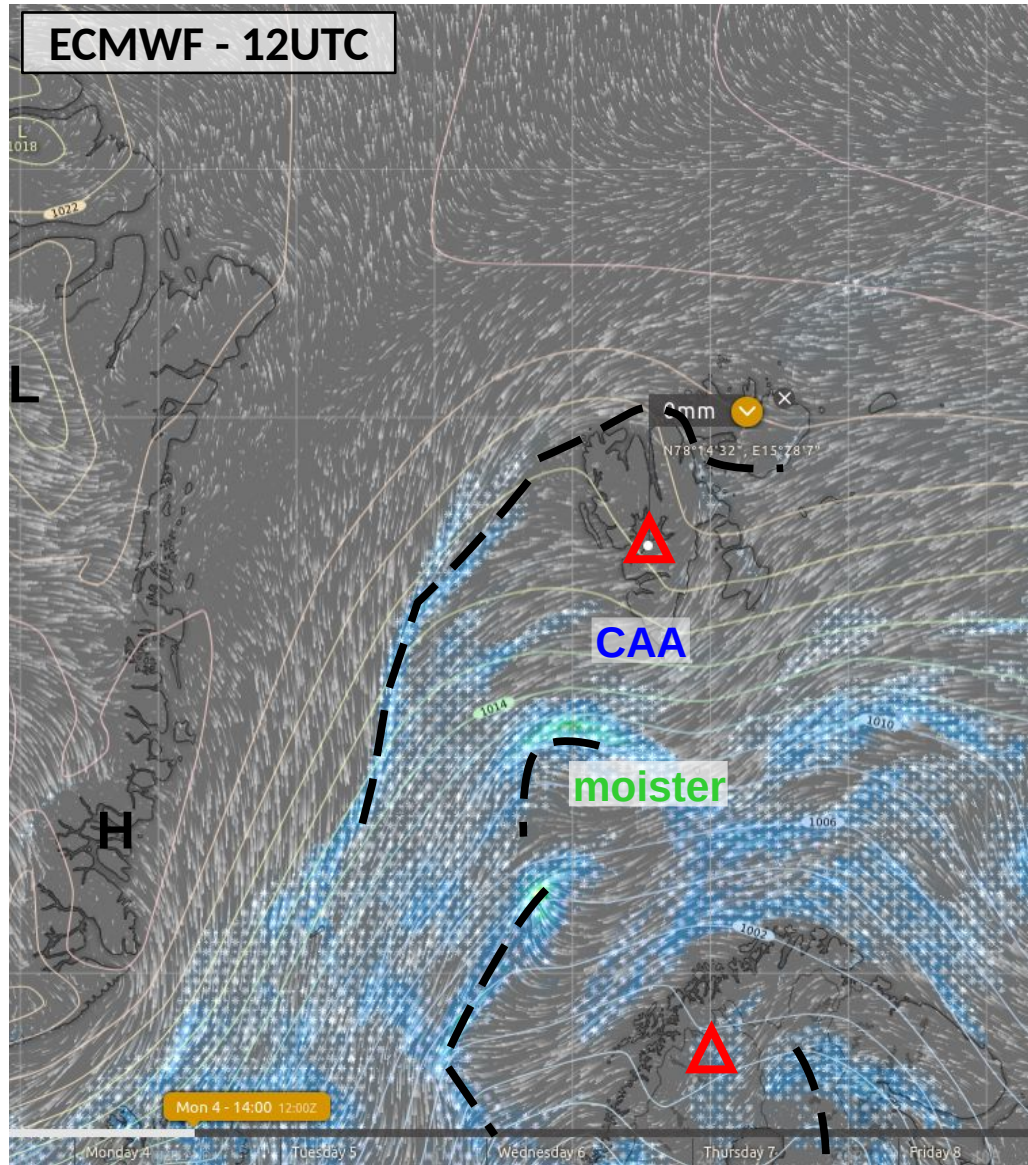
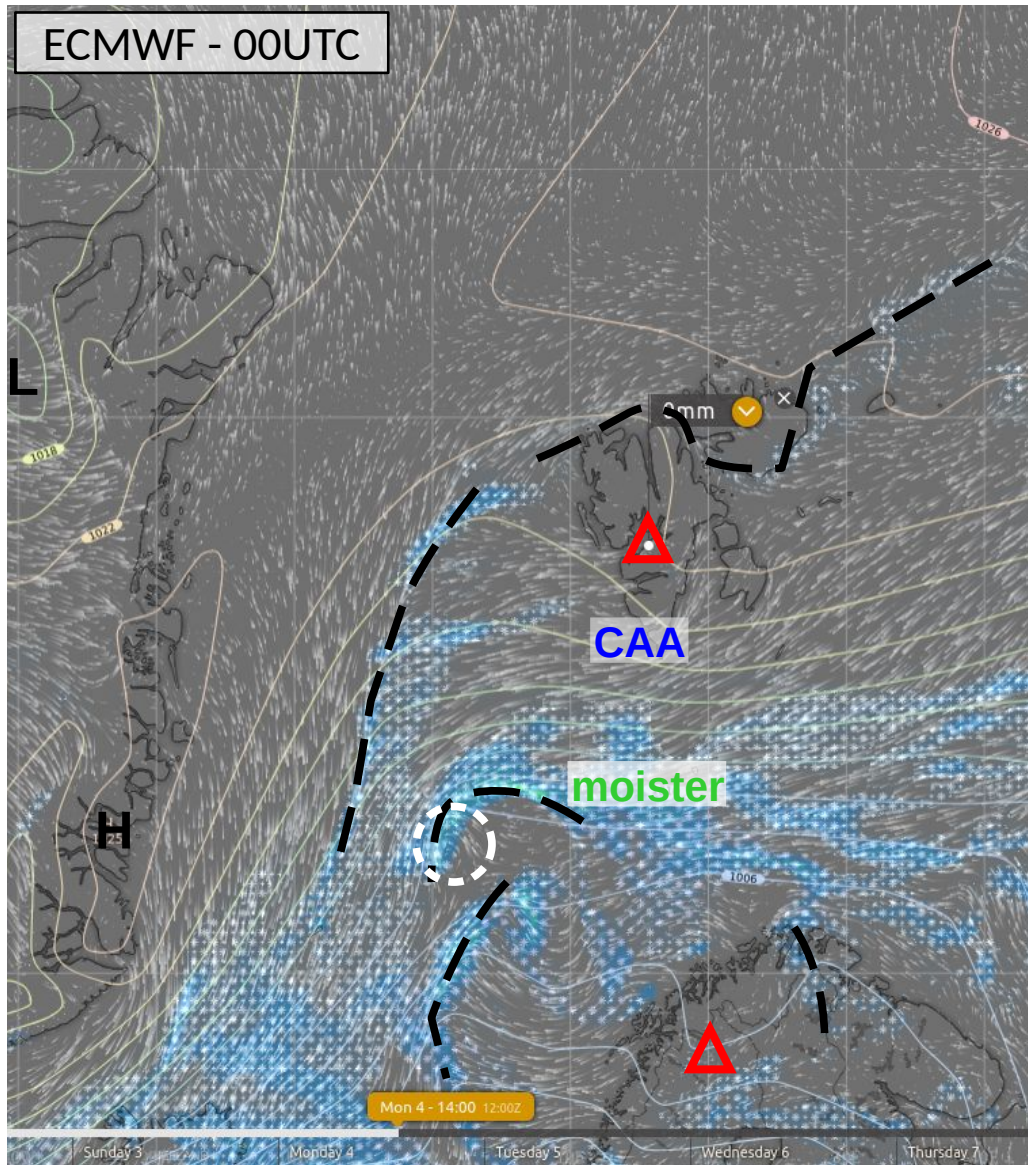
Sunday, 2022-04-03 12 UTC



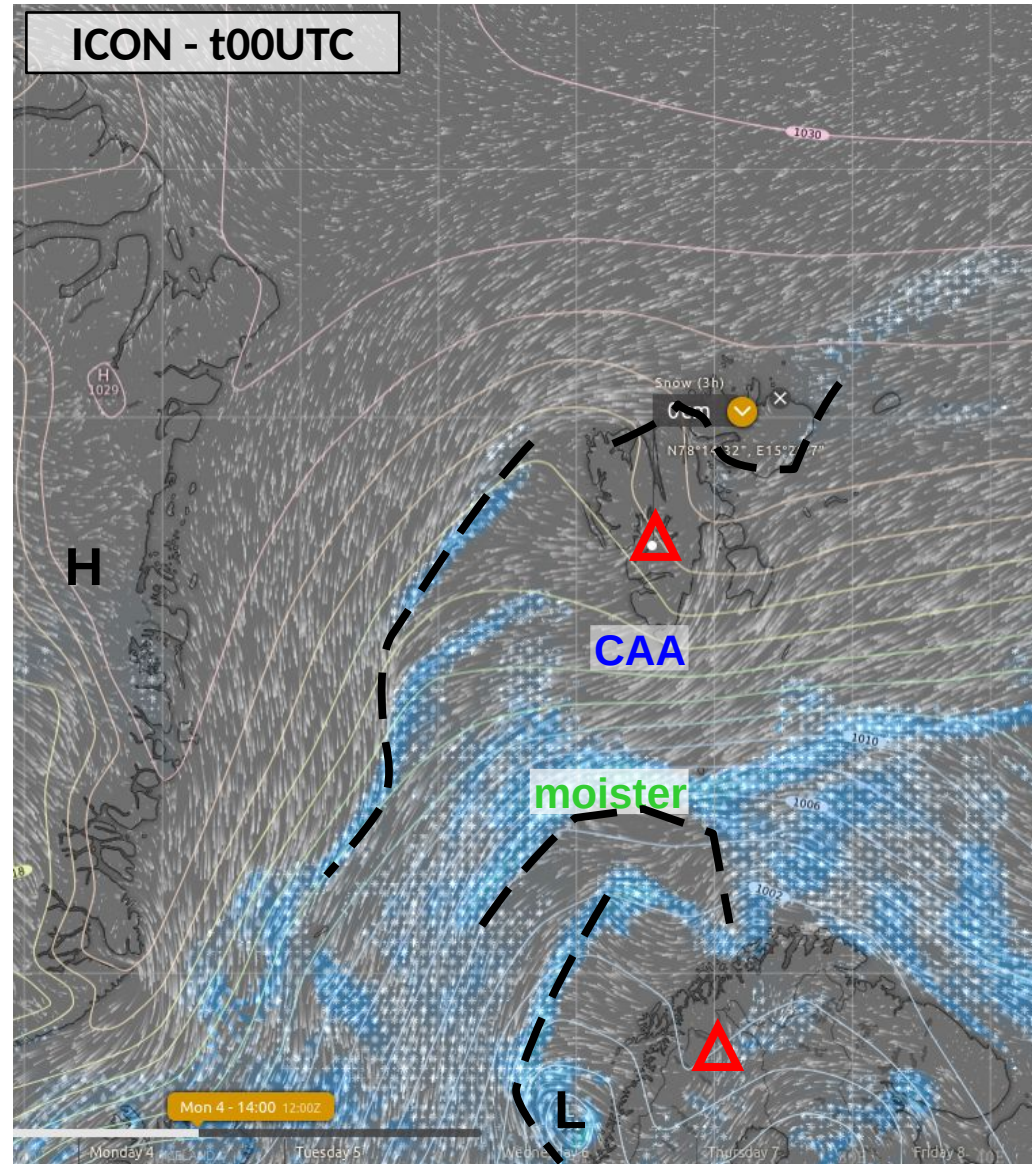
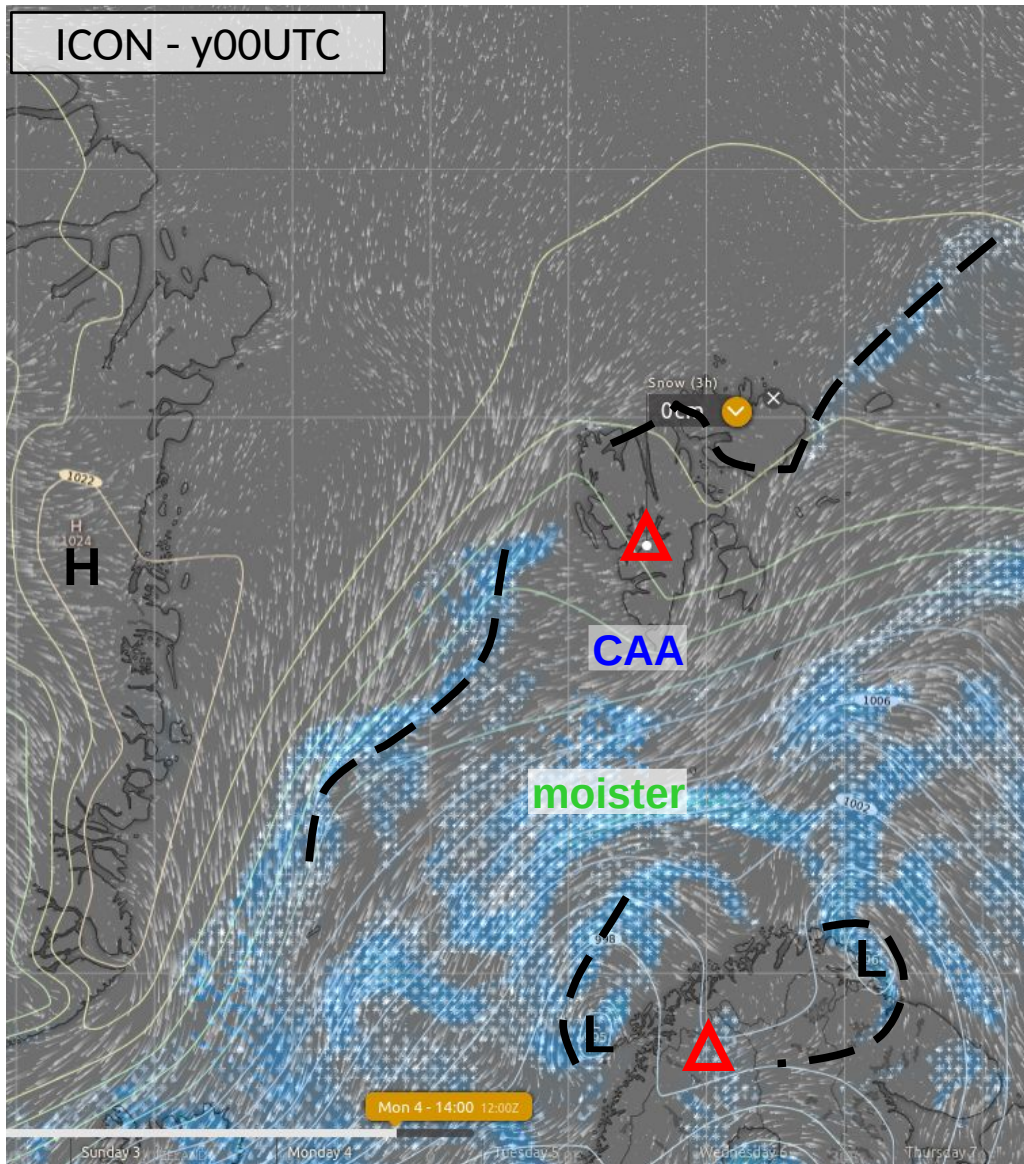
Sunday, 2022-04-03 12 UTC



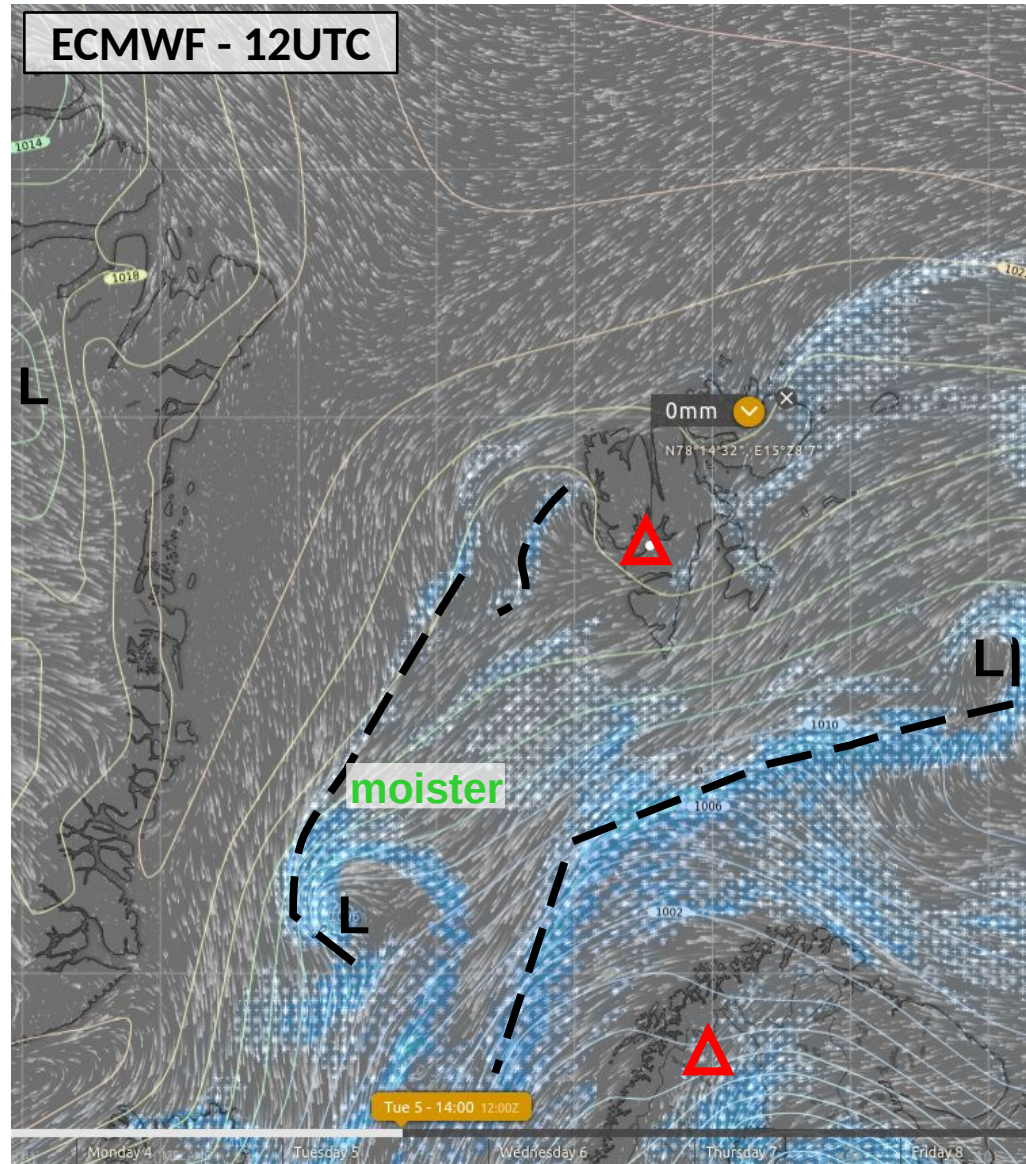
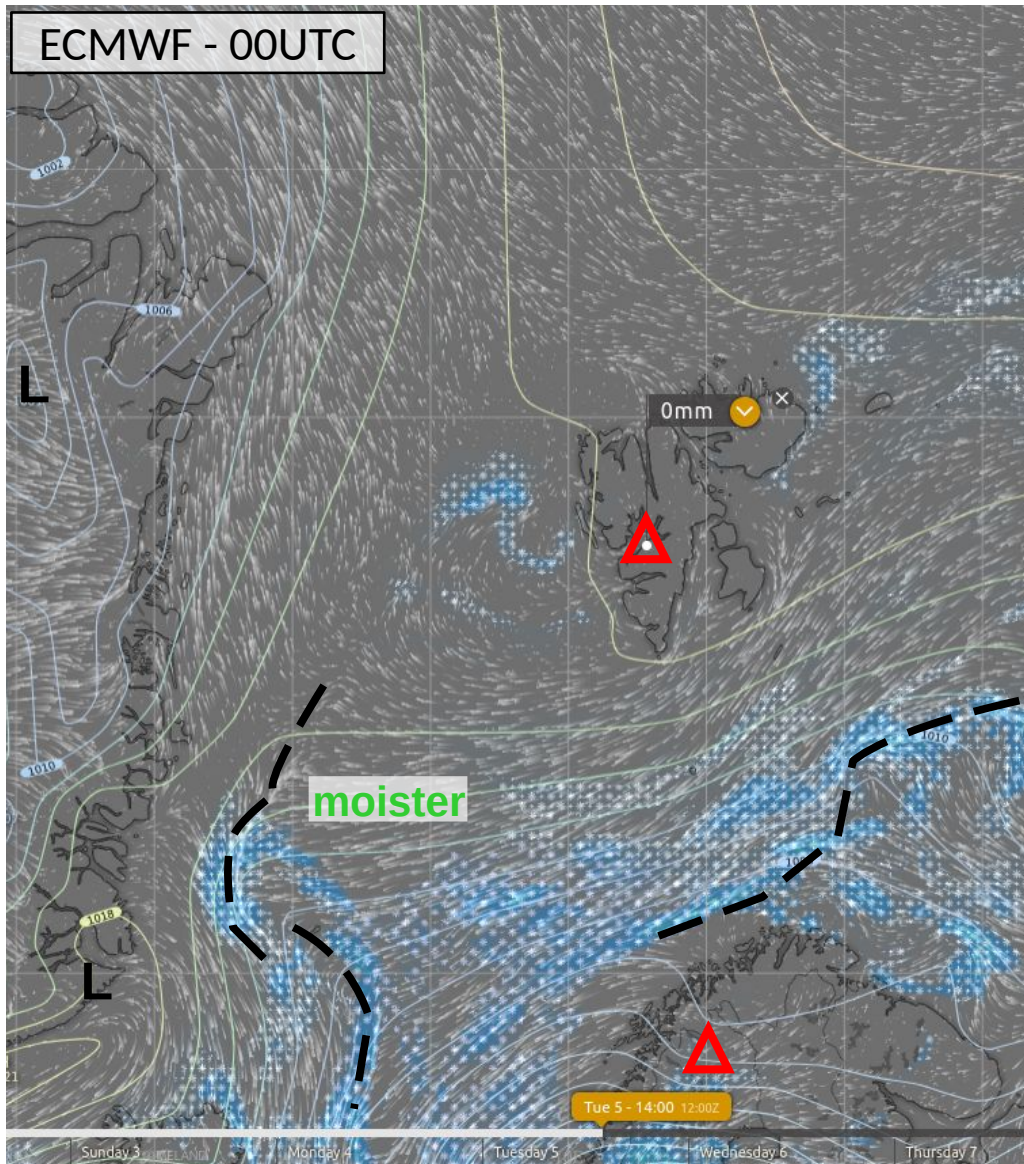
Monday, 2022-04-04 12 UTC



Monday, 2022-04-04 12 UTC

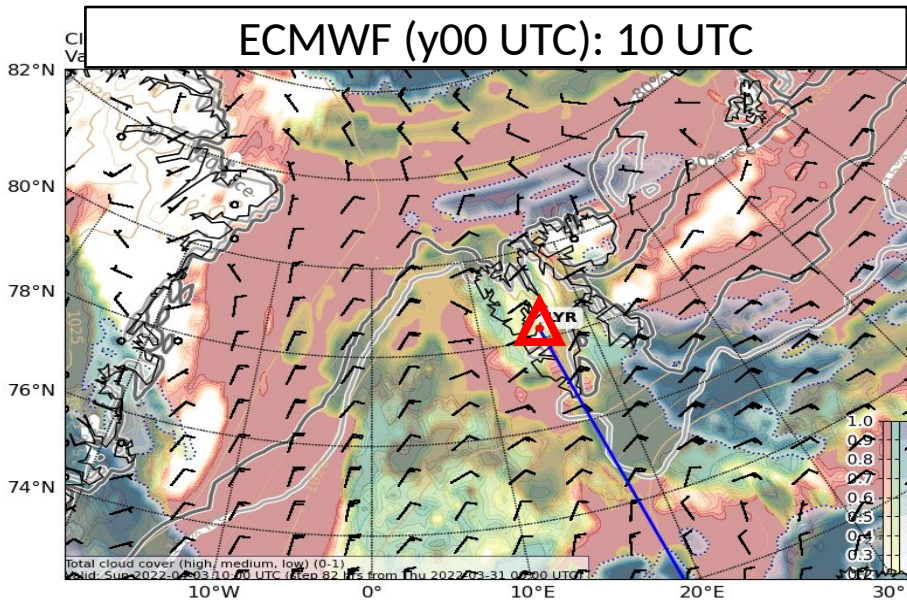


Tuesday, 2022-04-04 12 UTC

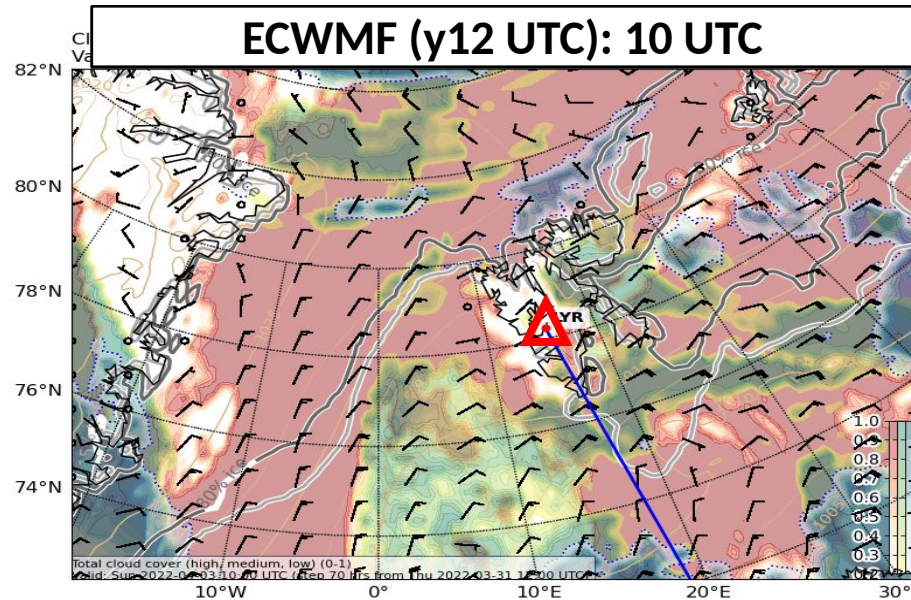


Sun, 2022-04-03, Total cloud cover (ECMWF)

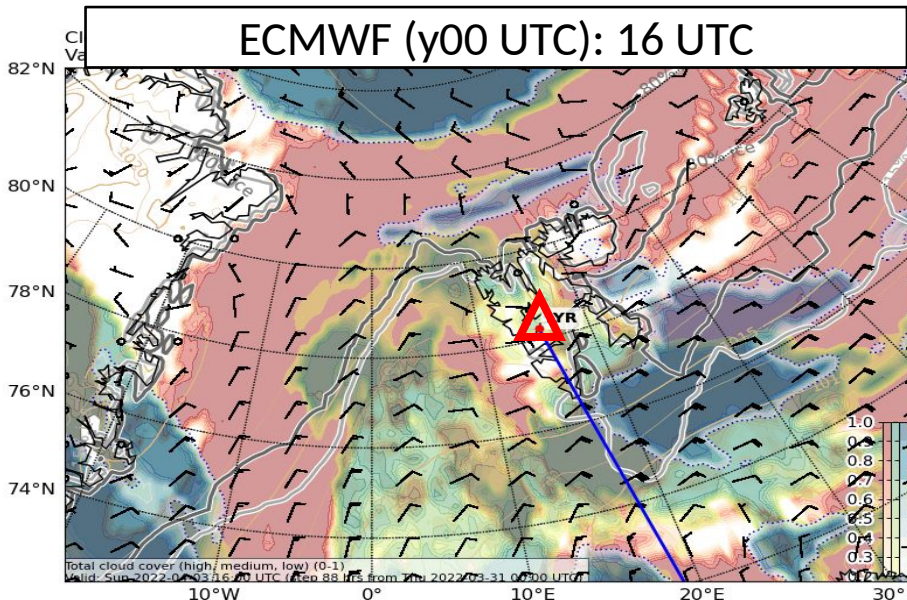
ECMWF (y00 UTC): 10 UTC



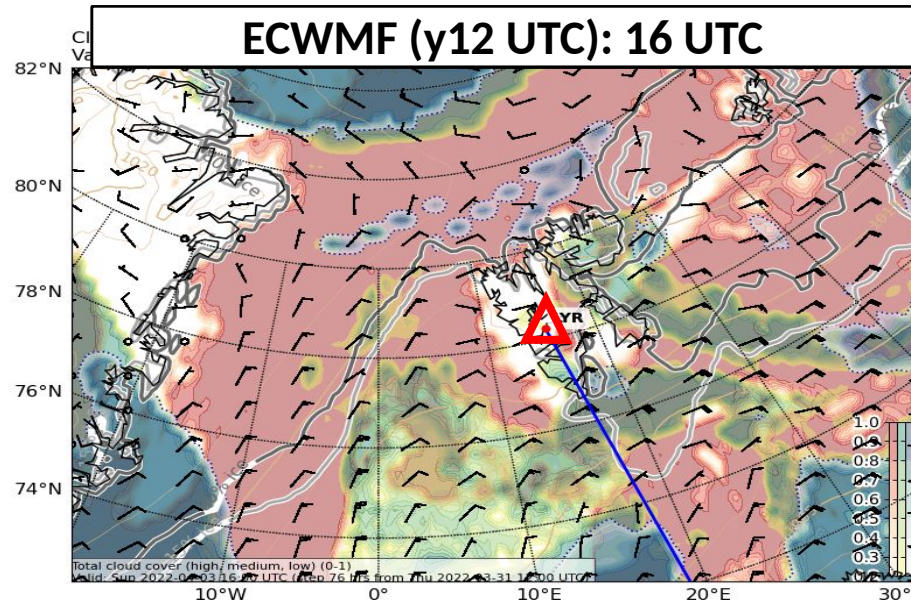
ECWFM (y12 UTC): 10 UTC



ECMWF (y00 UTC): 16 UTC

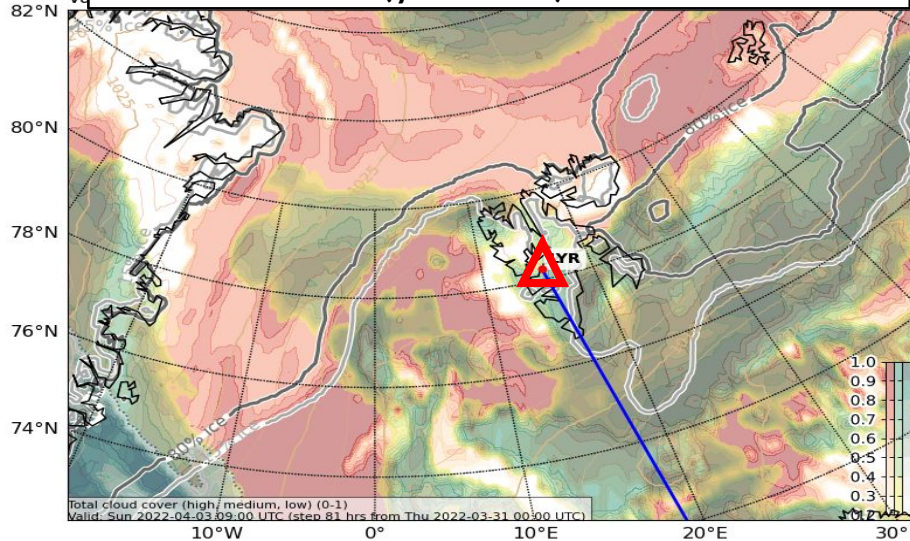


ECWFM (y12 UTC): 16 UTC

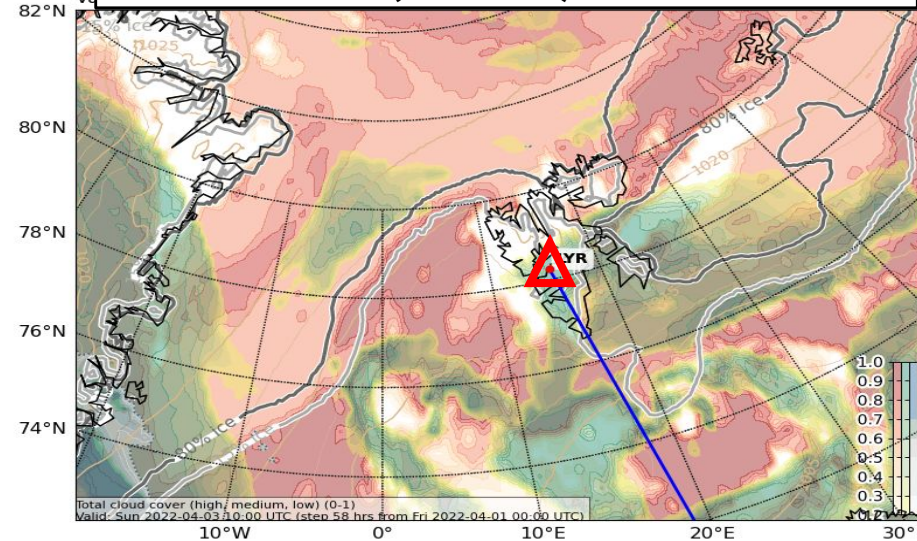


Sun, 2022-04-03, Total cloud cover (ICON)

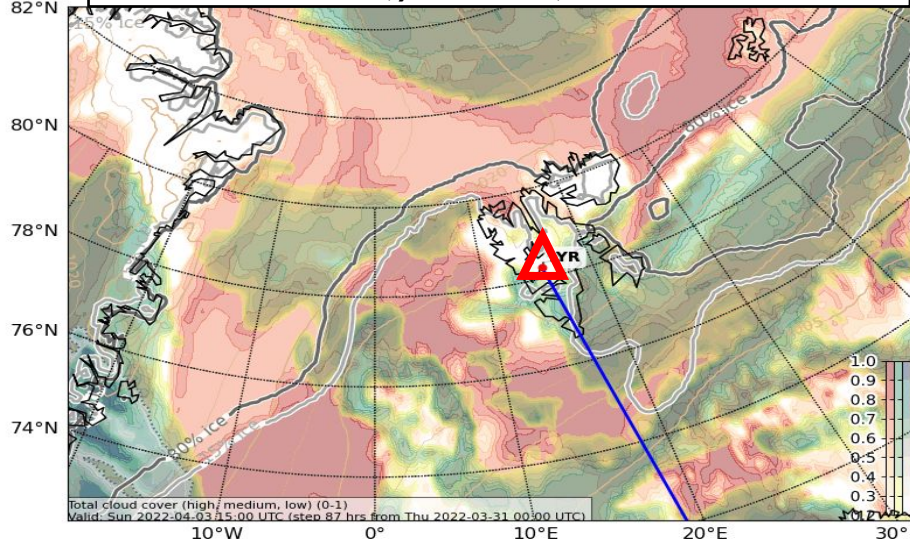
ICON (y00 UTC): 09 UTC



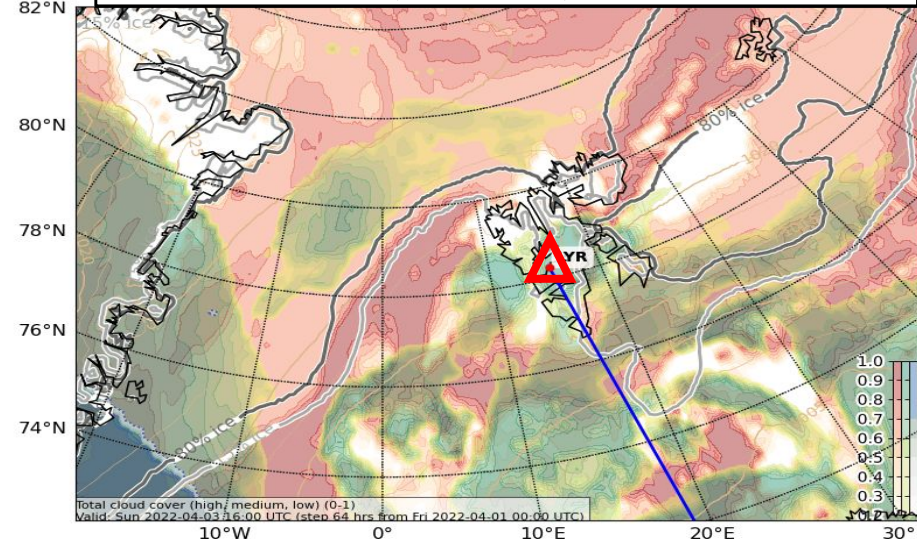
ICON (t00 UTC): 10 UTC



ICON (y00 UTC): 15 UTC

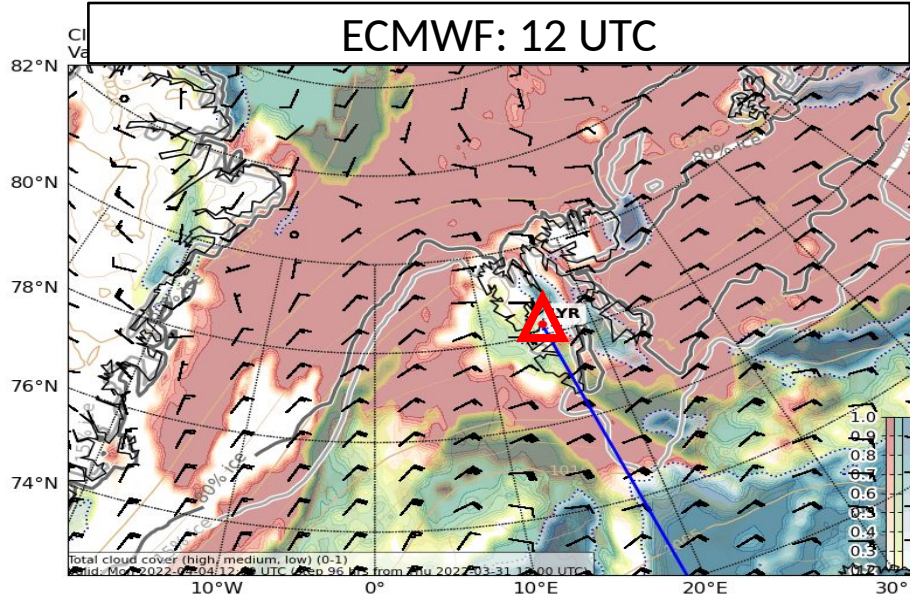


ICON (t00 UTC): 16 UTC

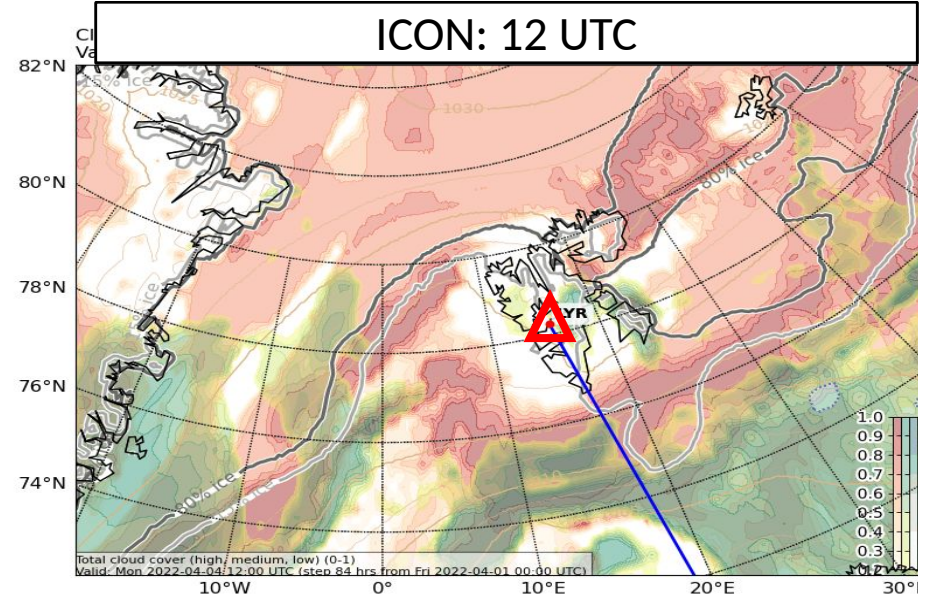


Mon, 2022-04-04, Total cloud cover

ECMWF: 12 UTC

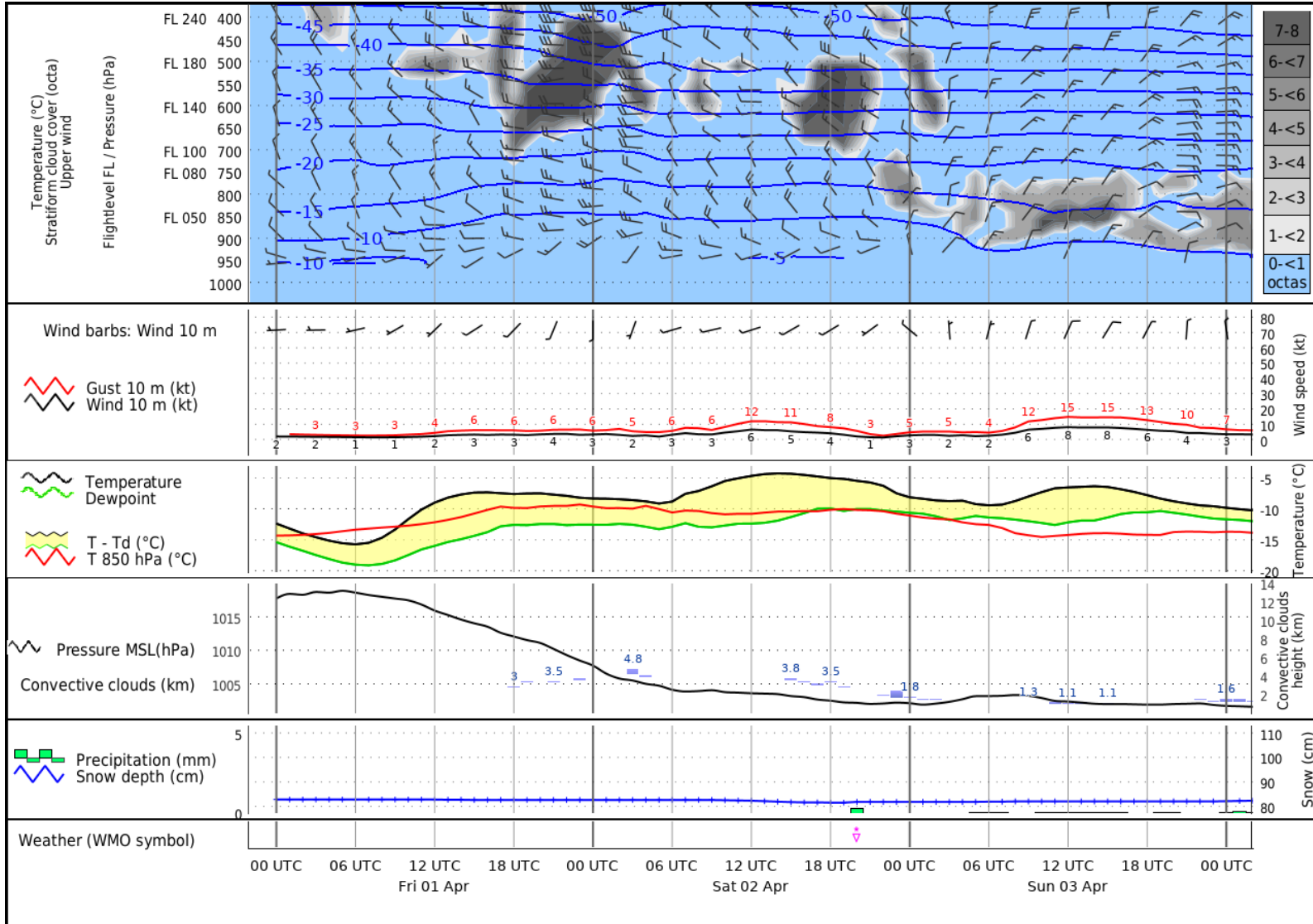


ICON: 12 UTC



Airport meteograms & local weather at Svalbard

Meteogram Kiruna



Meteogram Kiruna (ESNQ), 460 m, LAT/LON: N 67°49' E 20°20'

ICON-EU 2022-04-01 00 UTC, model height: 460 m



Latest METAR and TAF Longyearbyen

Svalbard Airport. Longyear

Longyearbyen, Norway

latitude: 78-15N, longitude: 015-28E,
elevation: 2 m

Current weather observation

The report was made **26** minutes ago, at **05:50**
UTC

Wind **19** kt from the **Southeast**

Temperature **-15°C**

Humidity **55%**

Pressure **1012** hPa

Visibility 10 km or more

Few clouds at a height of **2000** ft

Low drifting snow

[Change units](#)

METAR: ENSB 010550Z 14019KT 9999
DRSN FEW020 M15/M22 Q1012 RMK WIND
1400FT 13021KT

Time: 08:16 (06:16 UTC)

Forecast

*Forecast valid from 01 at 06 UTC to 02 at 06
UTC*

Wind **18** kt from the **Southeast**

Visibility 10 km or more

Few clouds at a height of **2000** ft
Scattered clouds at a height of **6000** ft

*Becoming
from 01 at 11 UTC to 01 at 14 UTC*

Wind **8** kt from the **East/Southeast**

TAF: ENSB 0106/0206 14018KT 9999
FEW020 SCT060 BECMG 0111/0114
12008KT

Summary

Summary: Weather Update 2022-04-01, 09:00 LT

- **Sunday, 2022-04-03:**
 - Disturbed flow North of Kiruna in larger area
 - Less mid-level clouds over Northern Fram Strait predicted (open water & ice edge)
- **Monday, 2022-04-04:**
 - Exact position of convergence & low-level clouds over Fram Strait still a bit uncertain
 - Over sea ice in Western Fram Strait: Northerly flow stronger than predicted yesterday
- **Tuesday, 2022-04-05 & Wednesday, 2022-04-06:**
 - Unlike in previous forecast, low over Greenland now predicted to stay there
 - Northerly flow over Western Fram Strait and easterly flow over Svalbard would remain dominant