

Weather briefing HALO-(AC)³

Tuesday, 2022-03-22, 09:00 LT

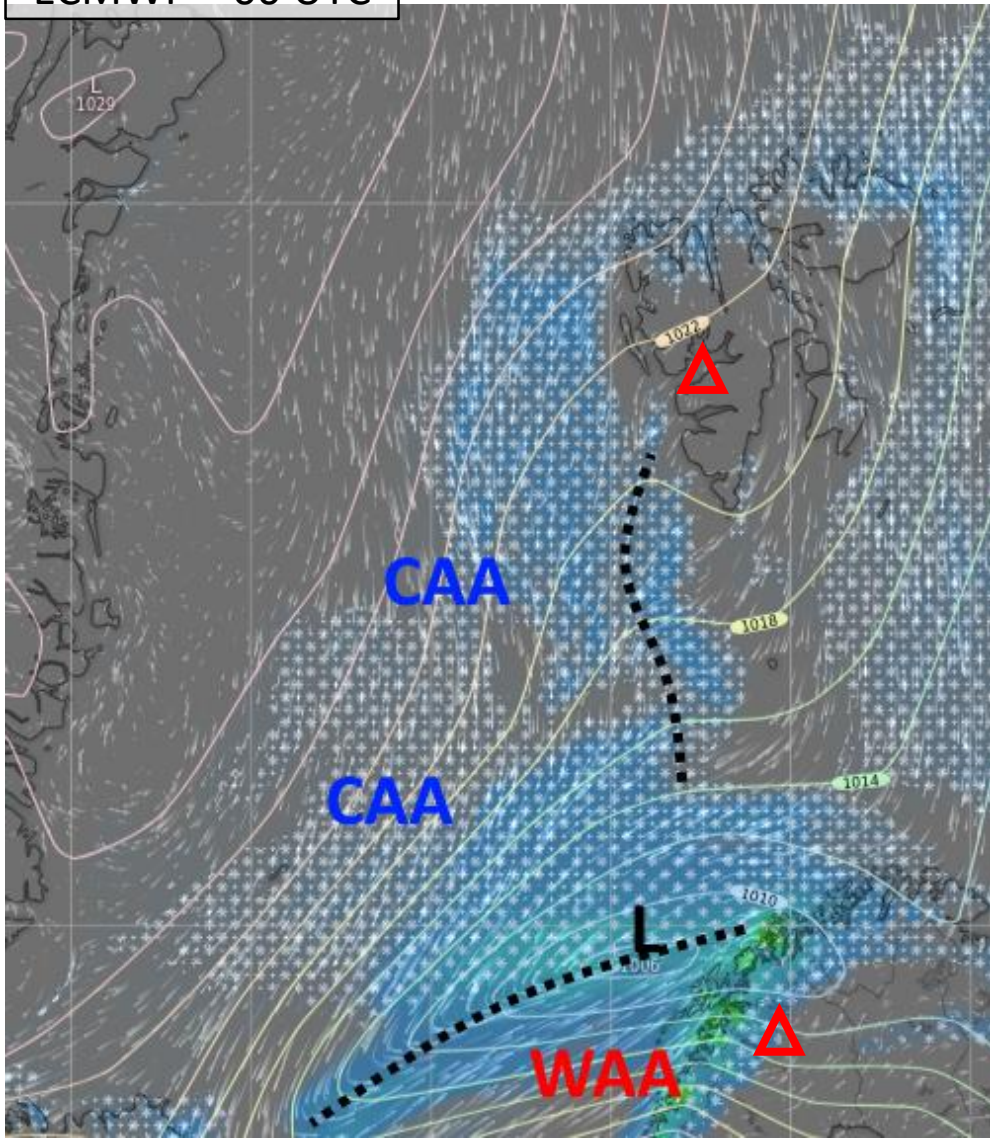
Forecast comparison
yesterday 00 UTC vs. **yesterday 12 UTC**/today 00 UTC
ECMWF & ICON

CAA: Cold Air Advection

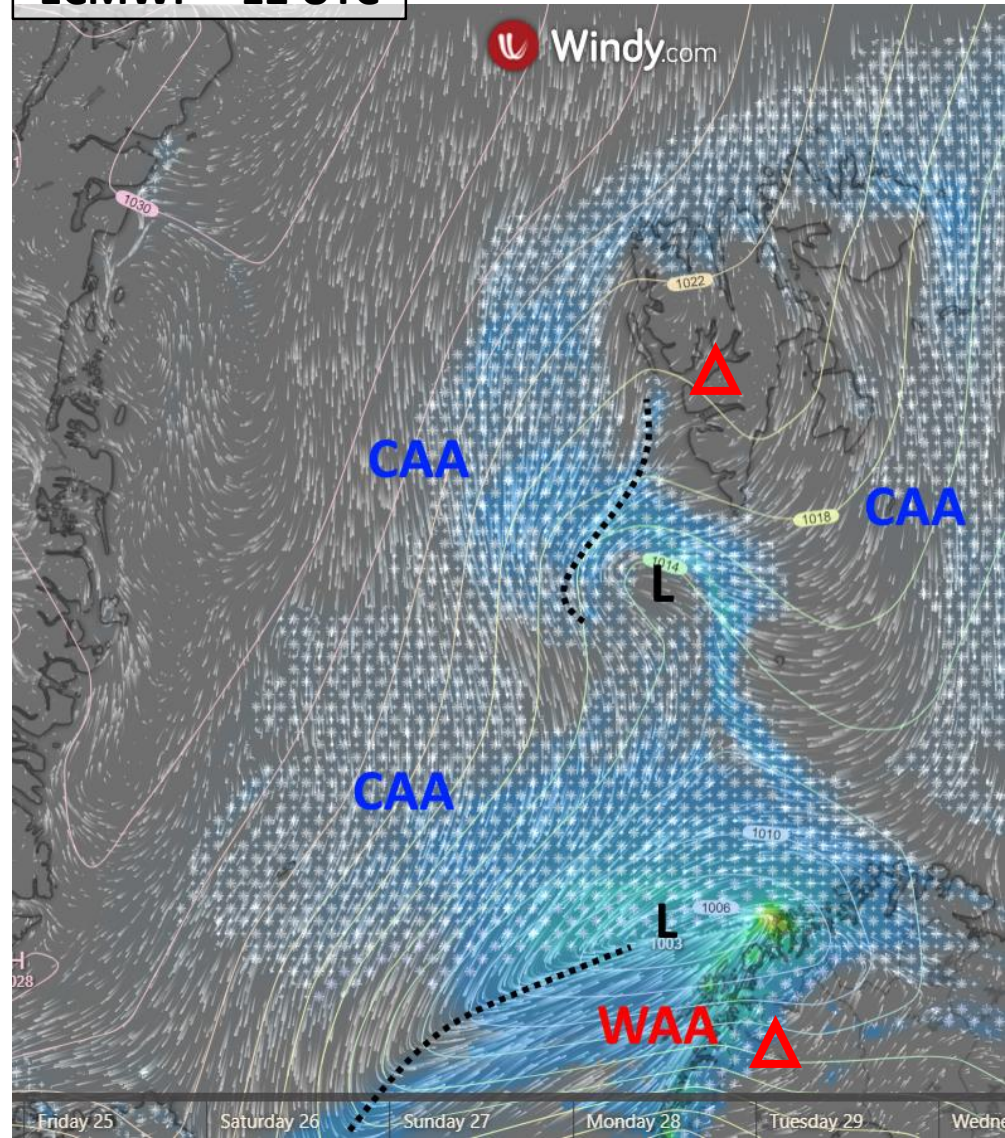
WAA: Warm Air Advection

Wednesday, 2022-03-23 09 UTC

ECMWF – 00 UTC

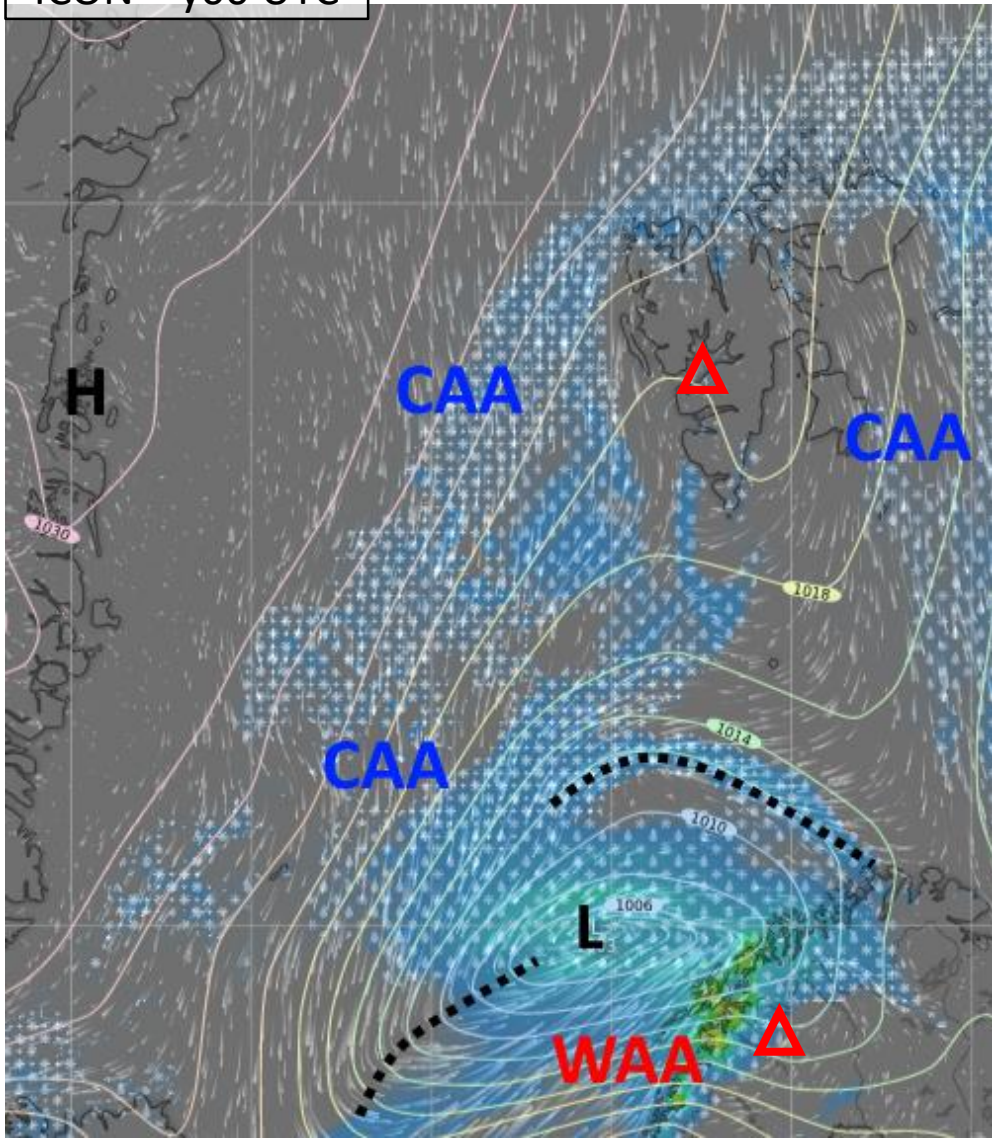


ECMWF – 12 UTC

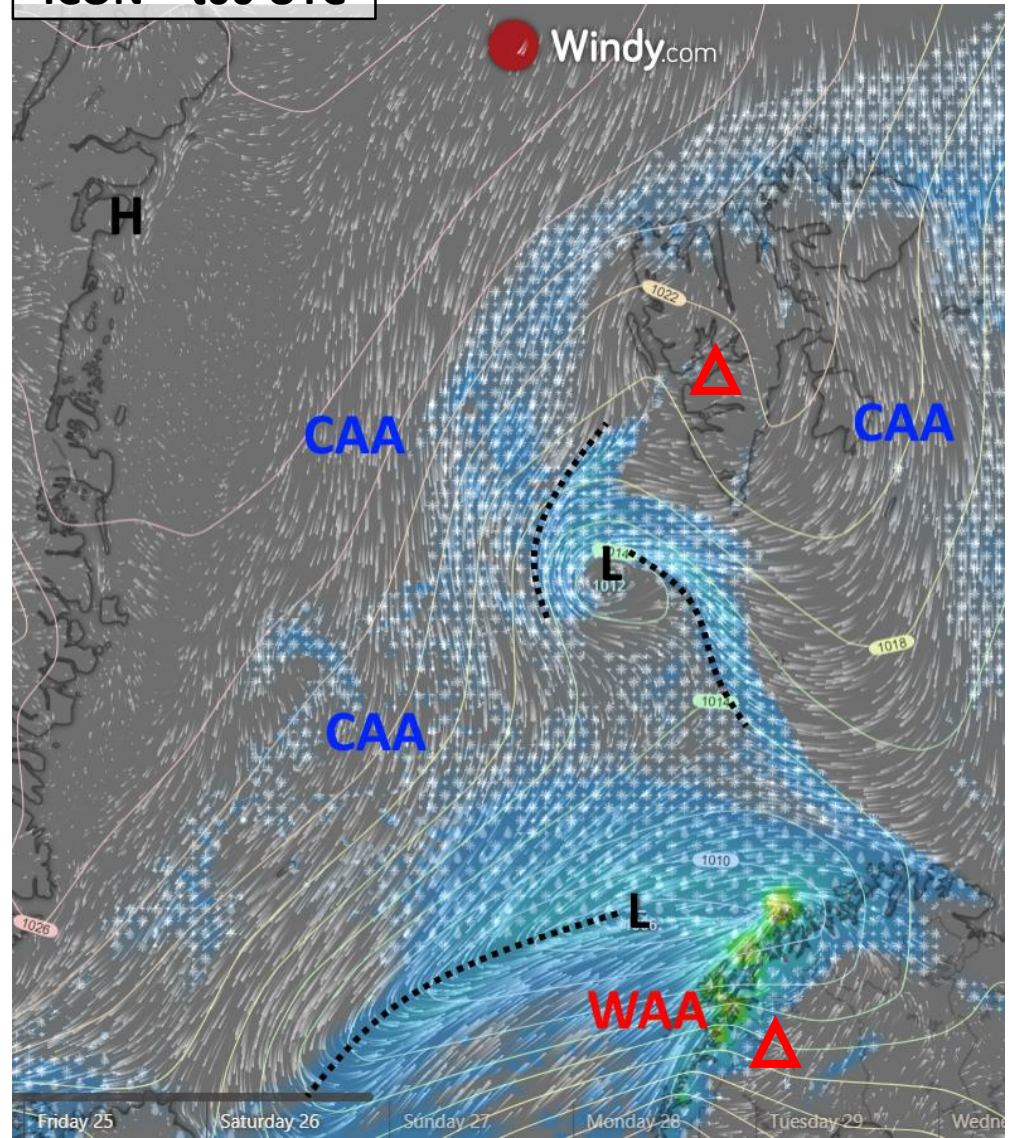


Wednesday, 2022-03-23 09 UTC

ICON – y00 UTC

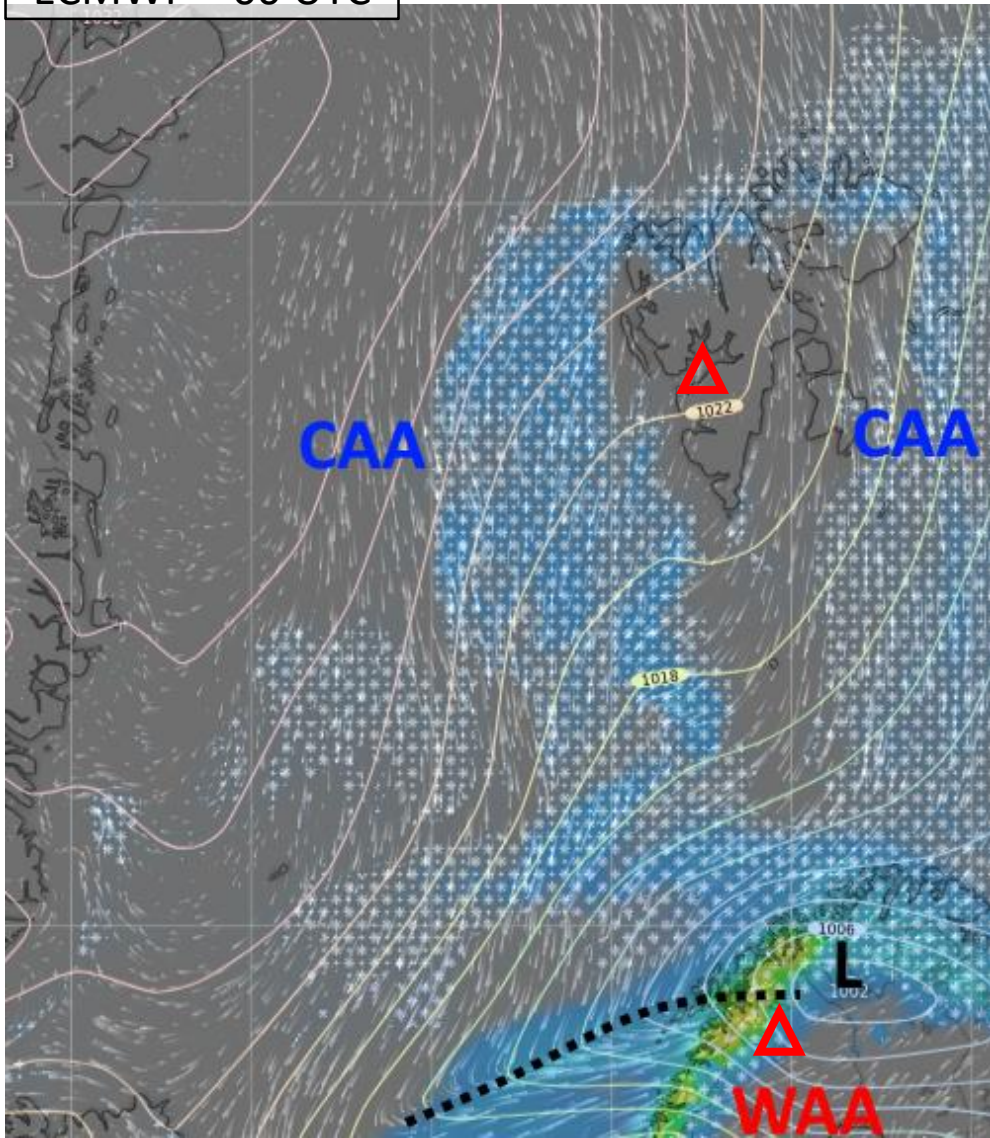


ICON – t00 UTC

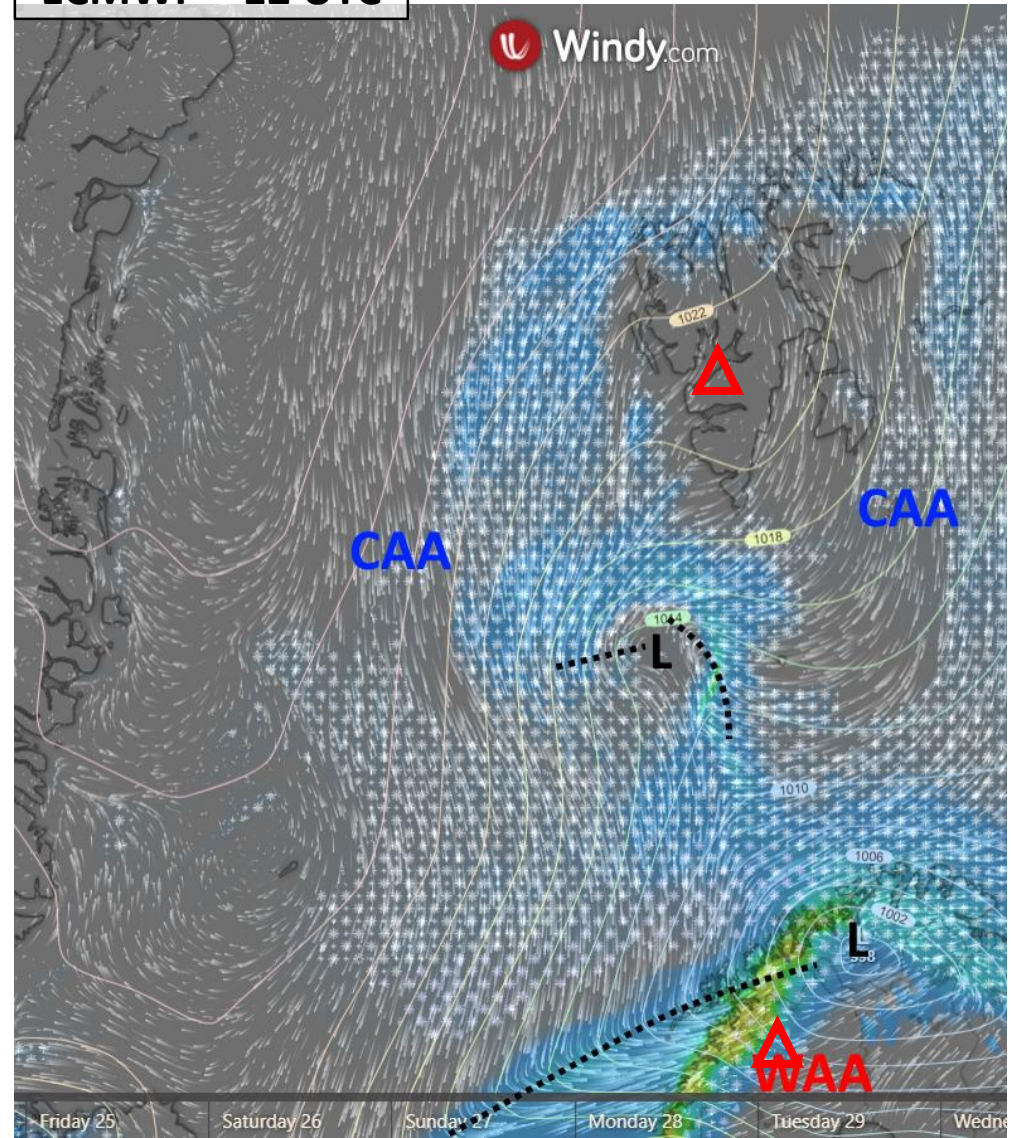


Wednesday, 2022-03-23 15 UTC

ECMWF – 00 UTC

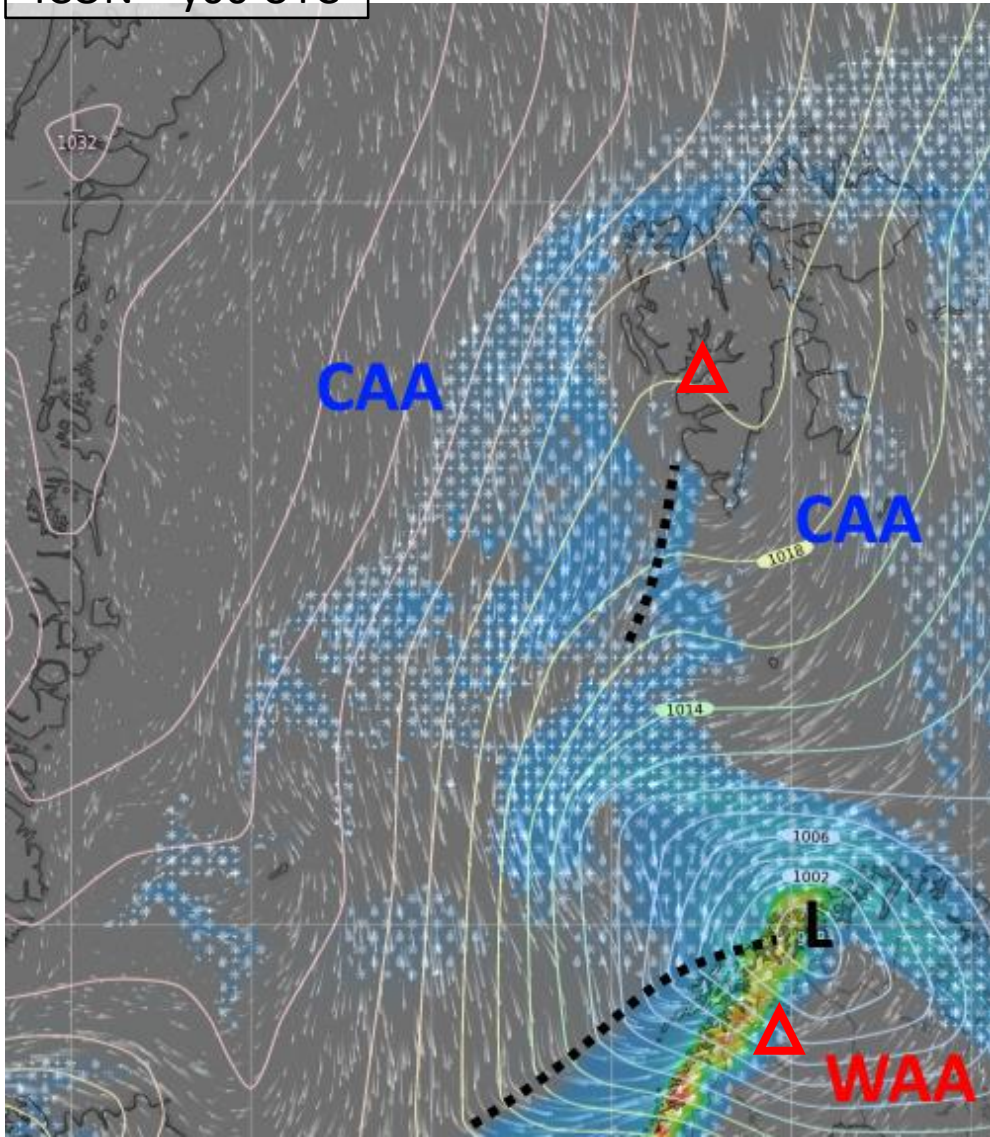


ECMWF – 12 UTC

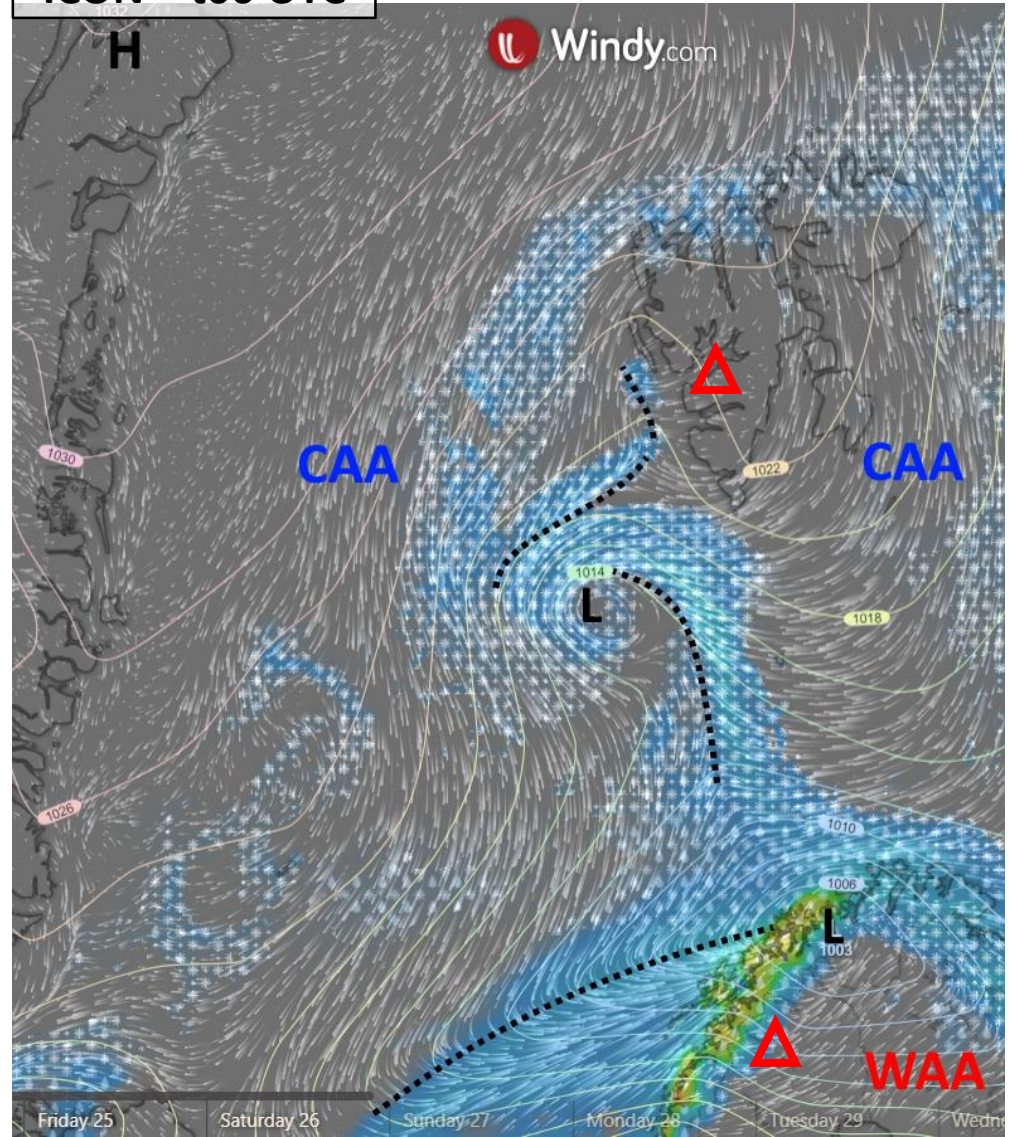


Wednesday, 2022-03-23 15 UTC

ICON – y00 UTC



ICON – t00 UTC



Friday 25

Saturday 26

Sunday 27

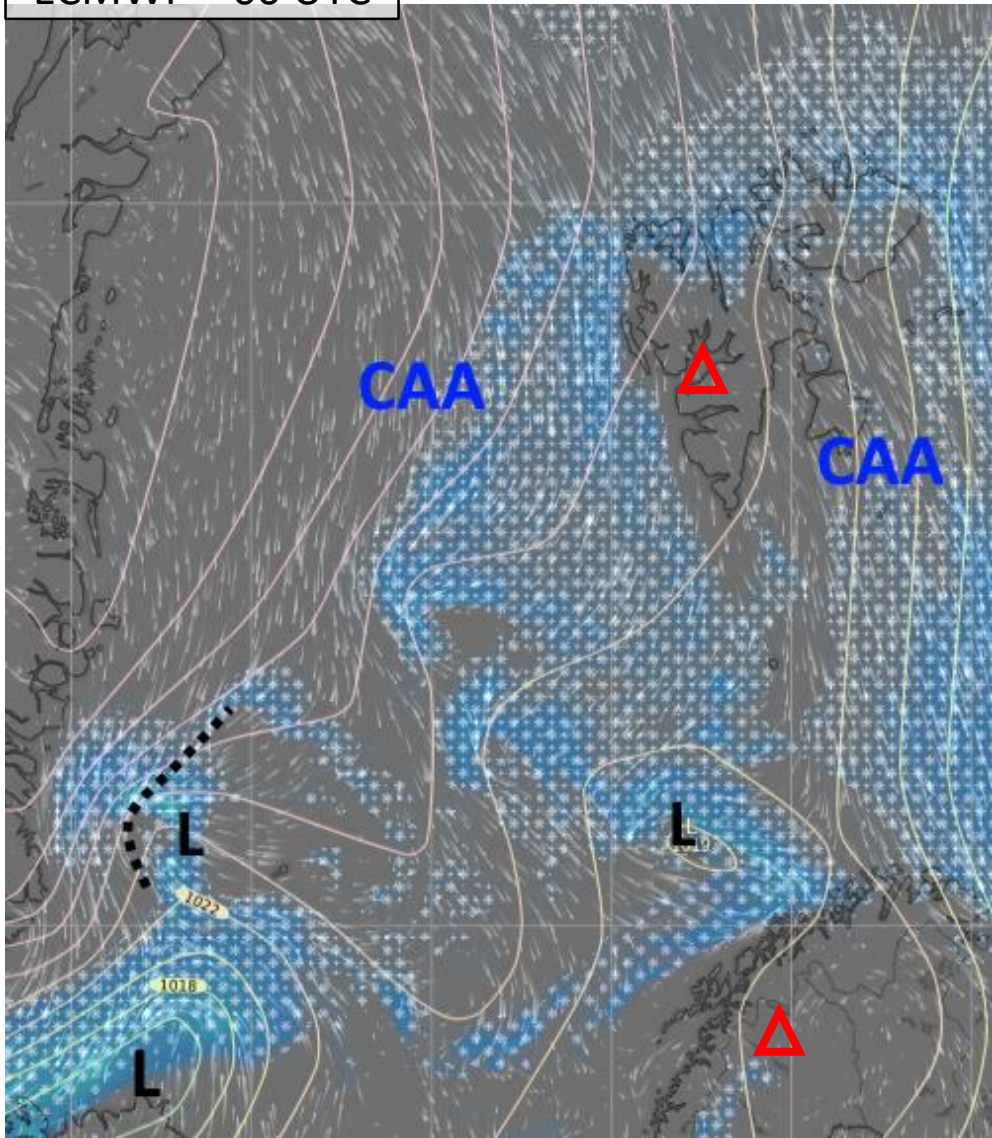
Monday 28

Tuesday 29

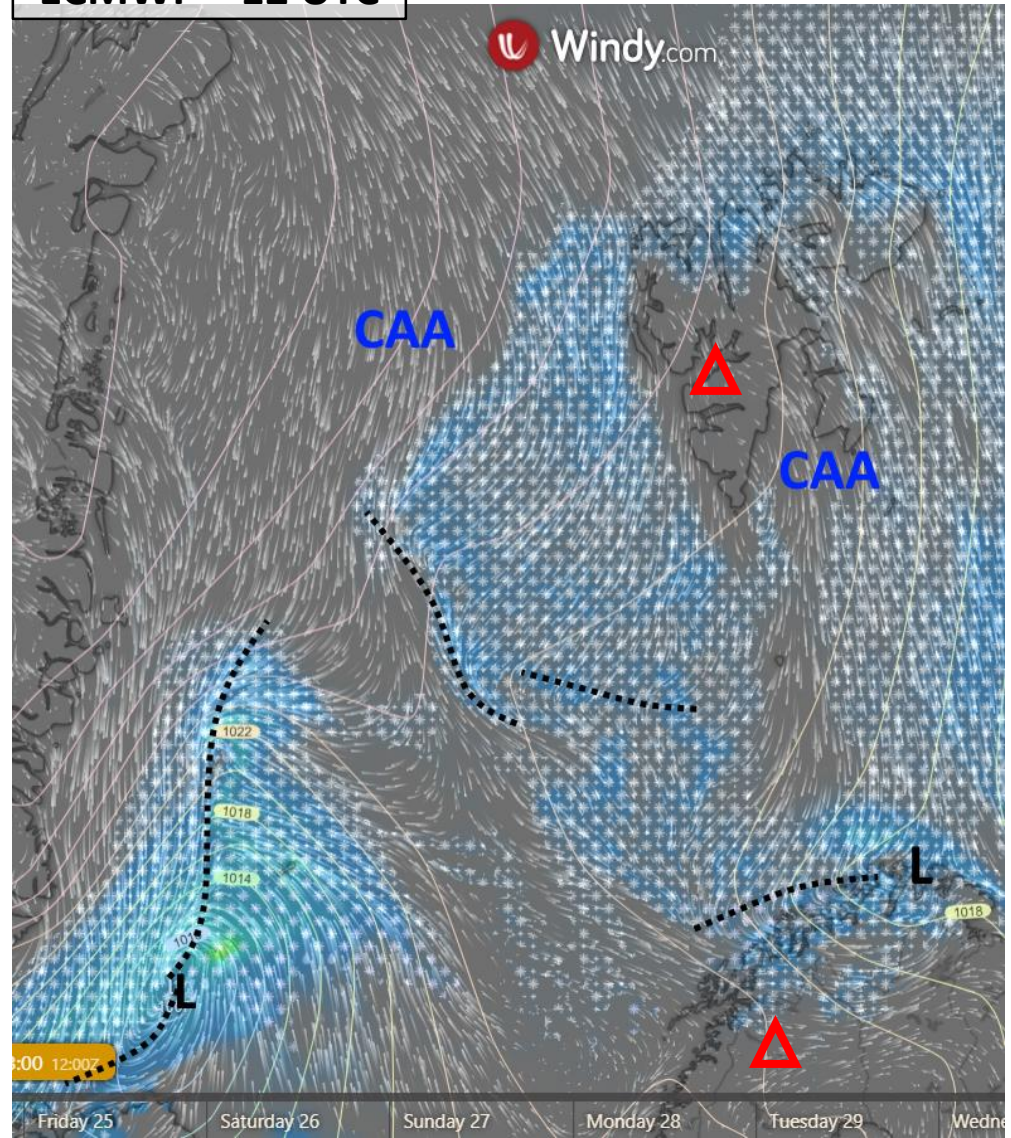
Wedne

Thursday, 2022-03-24 12 UTC

ECMWF – 00 UTC

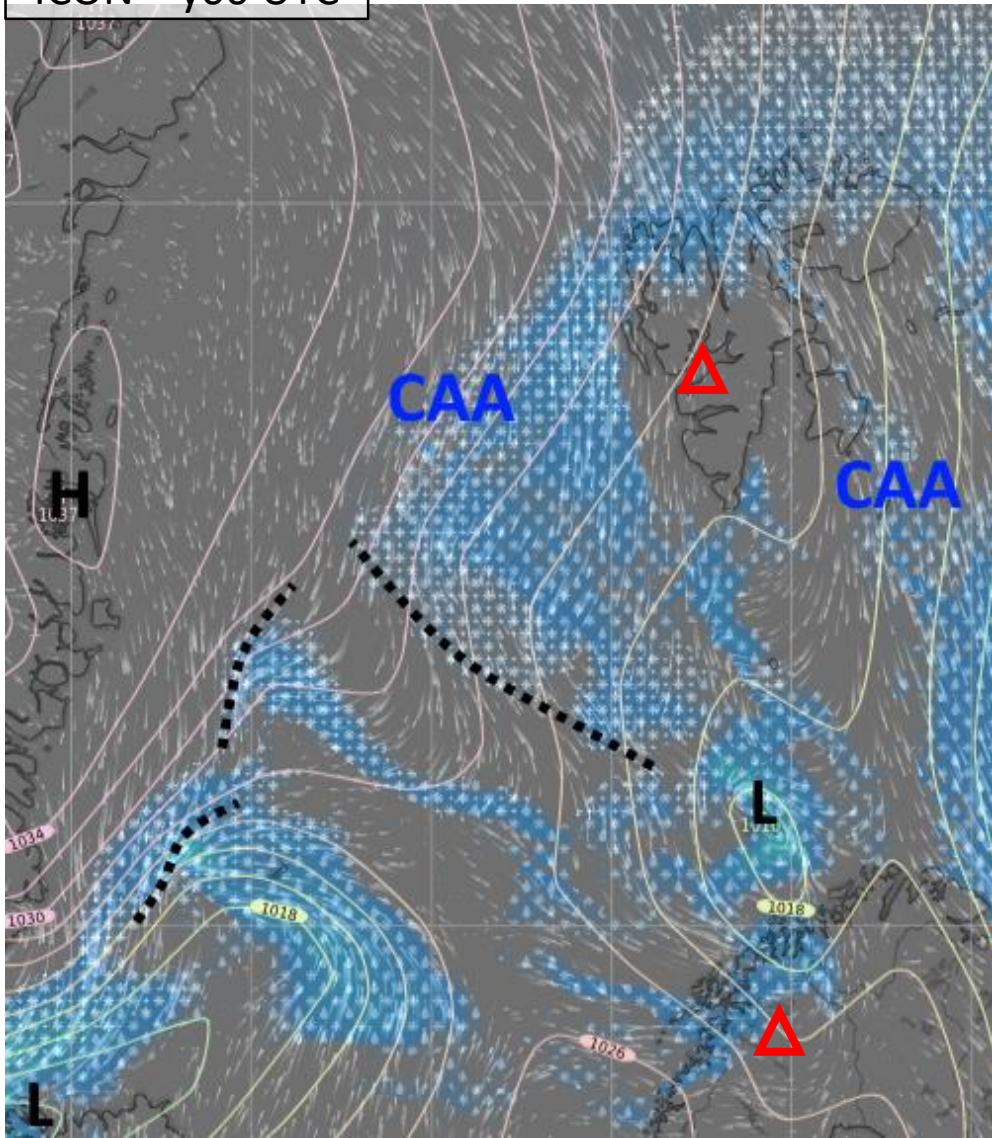


ECMWF – 12 UTC

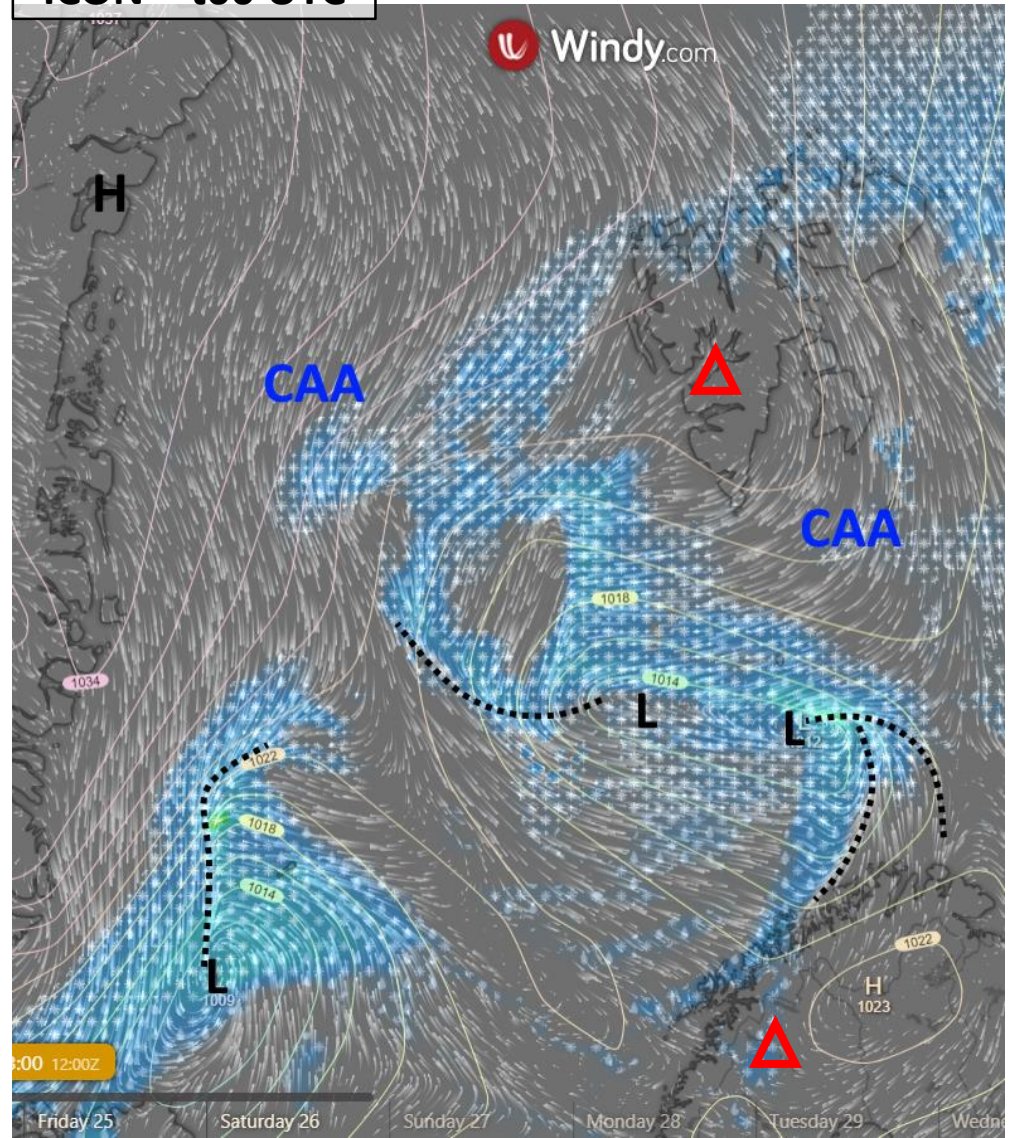


Thursday, 2022-03-24 12 UTC

ICON – y00 UTC

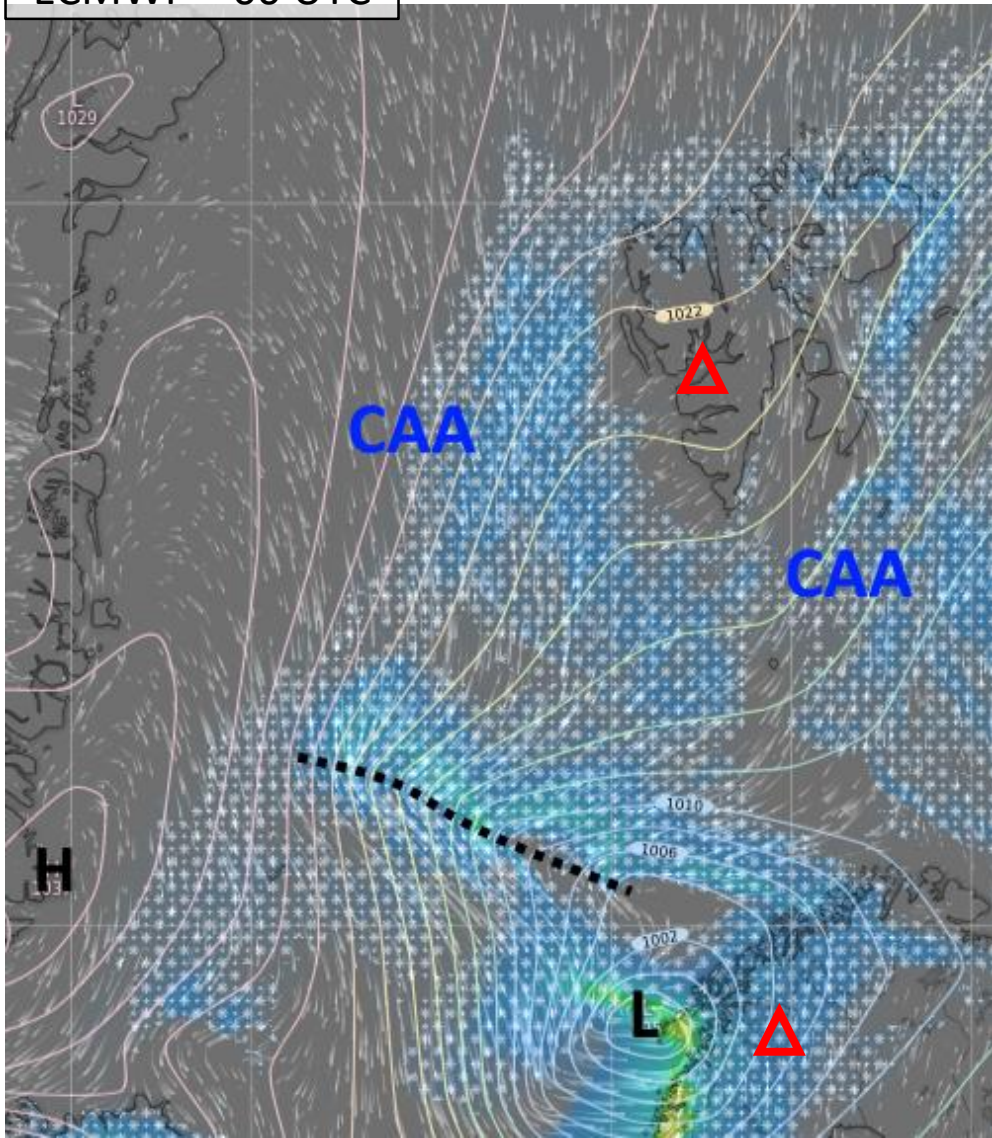


ICON – t00 UTC

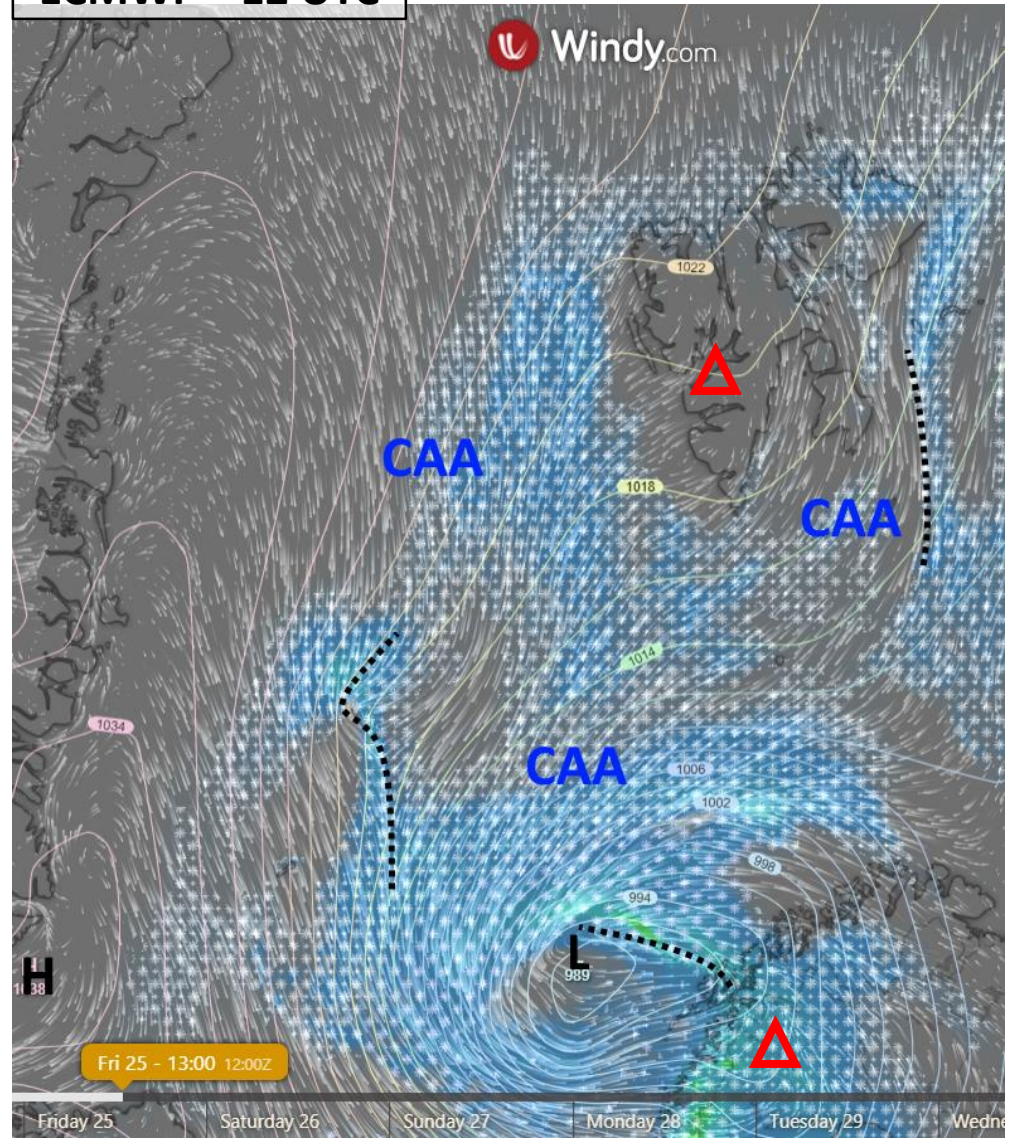


Friday, 2022-03-25 12 UTC

ECMWF – 00 UTC

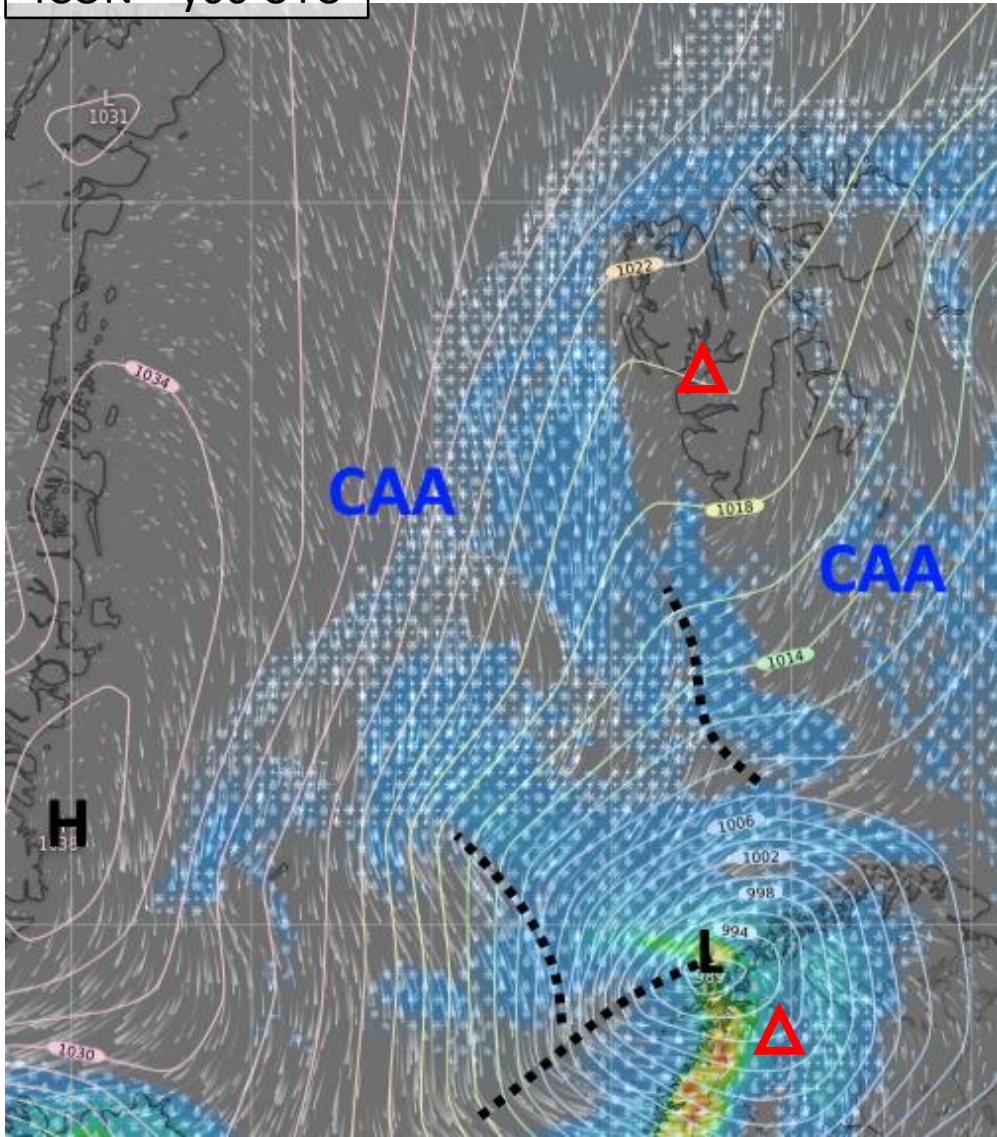


ECMWF – 12 UTC

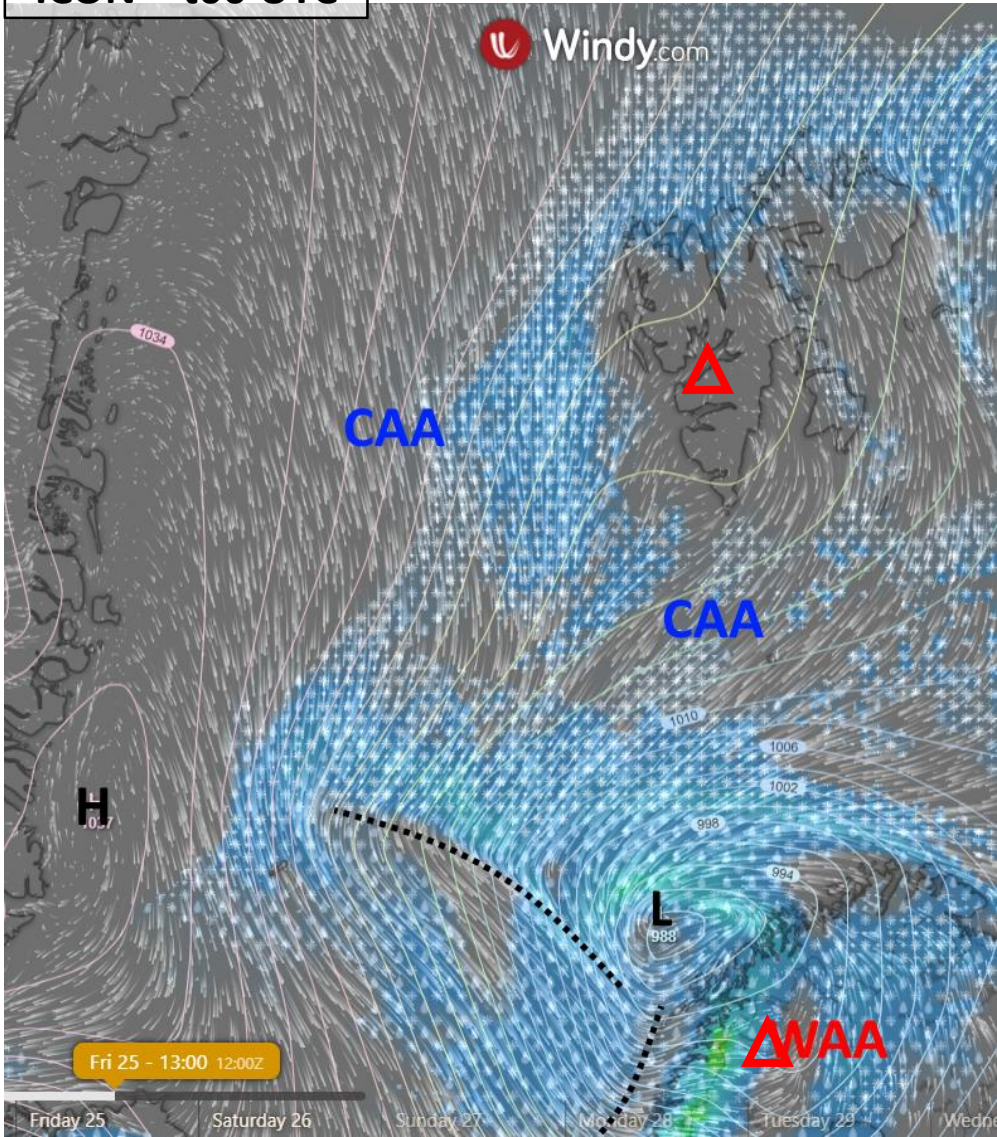


Friday, 2022-03-25 12 UTC

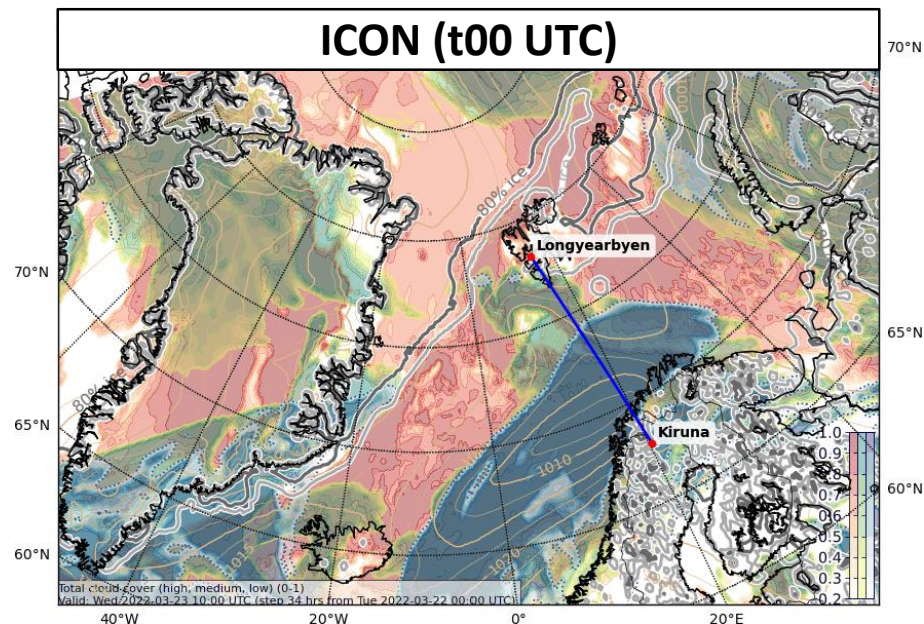
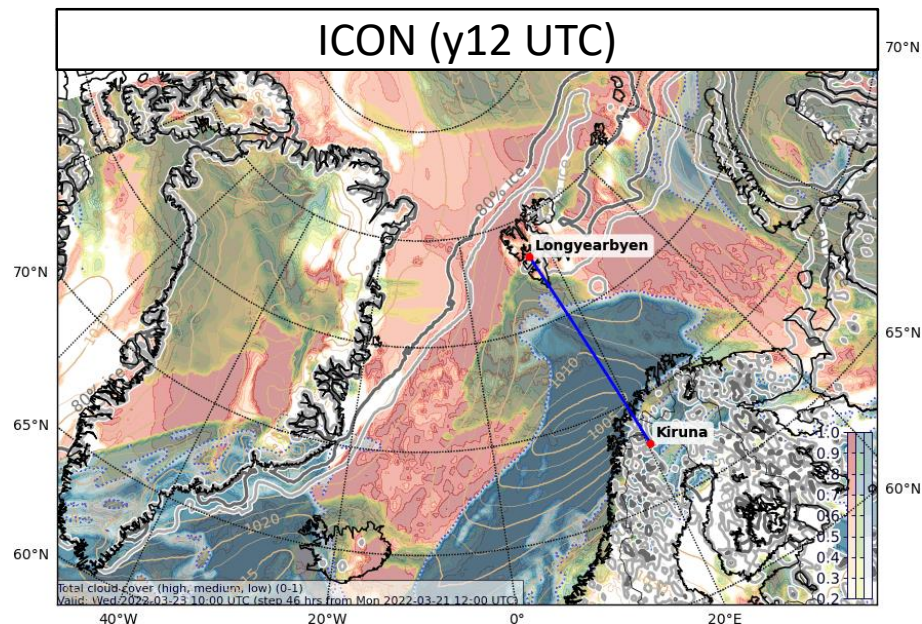
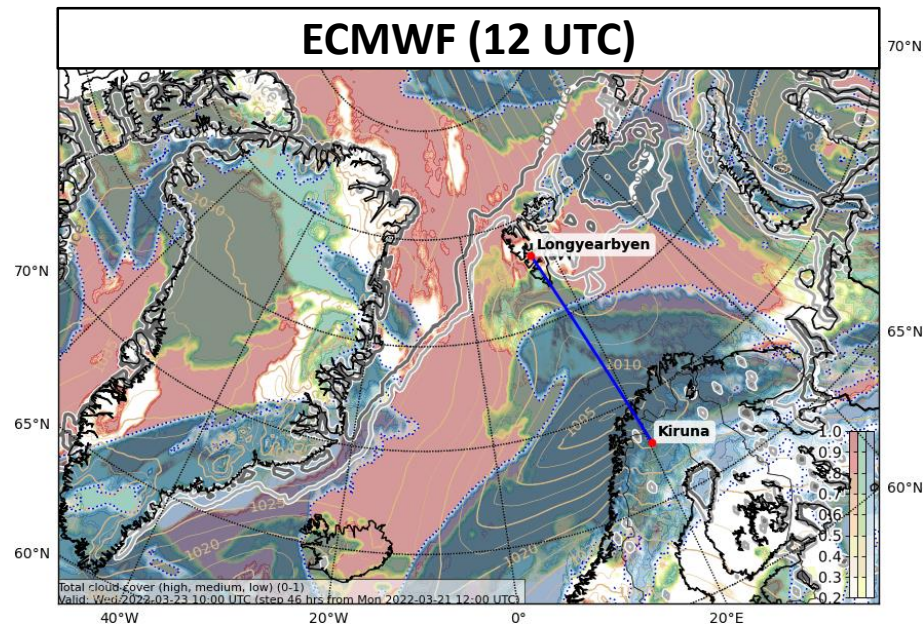
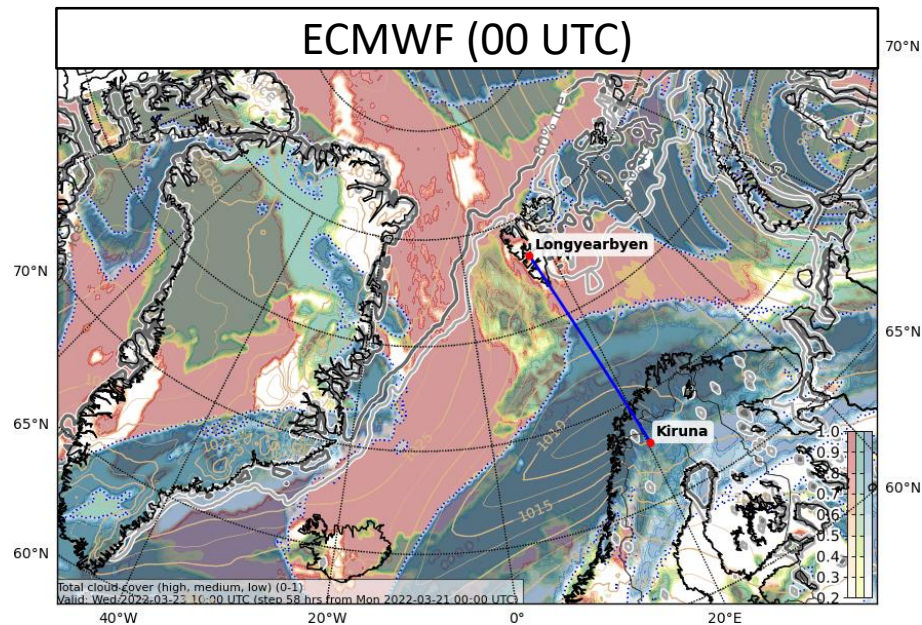
ICON – y00 UTC



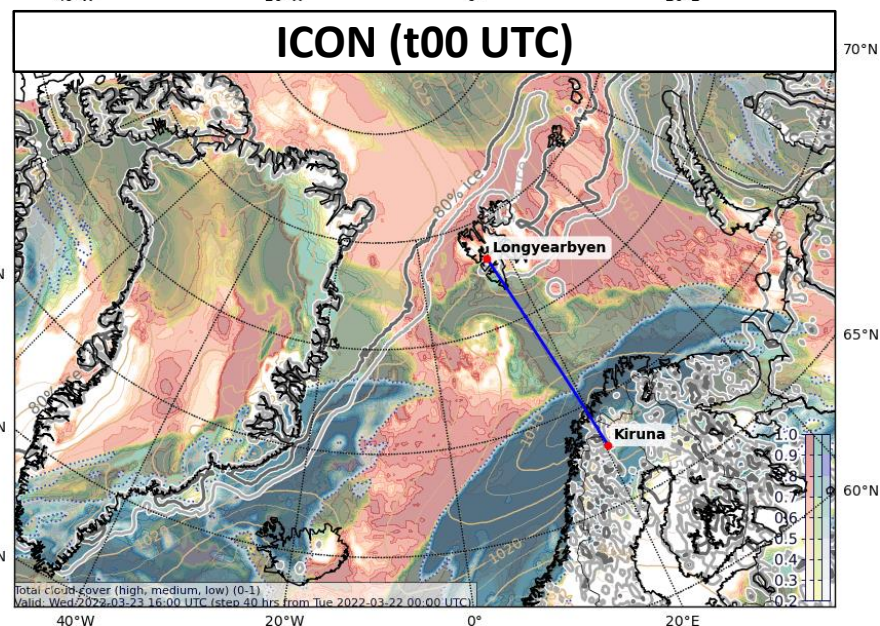
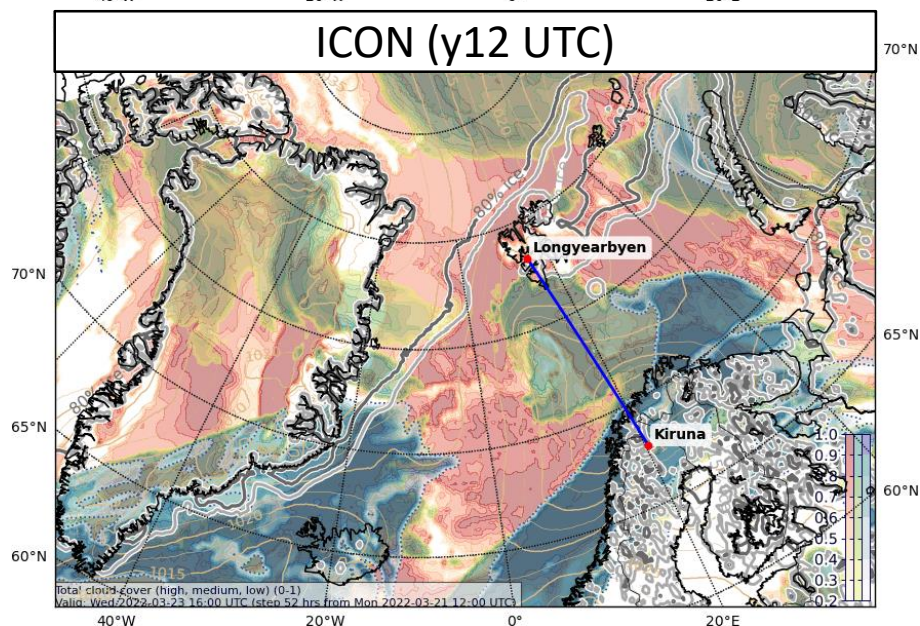
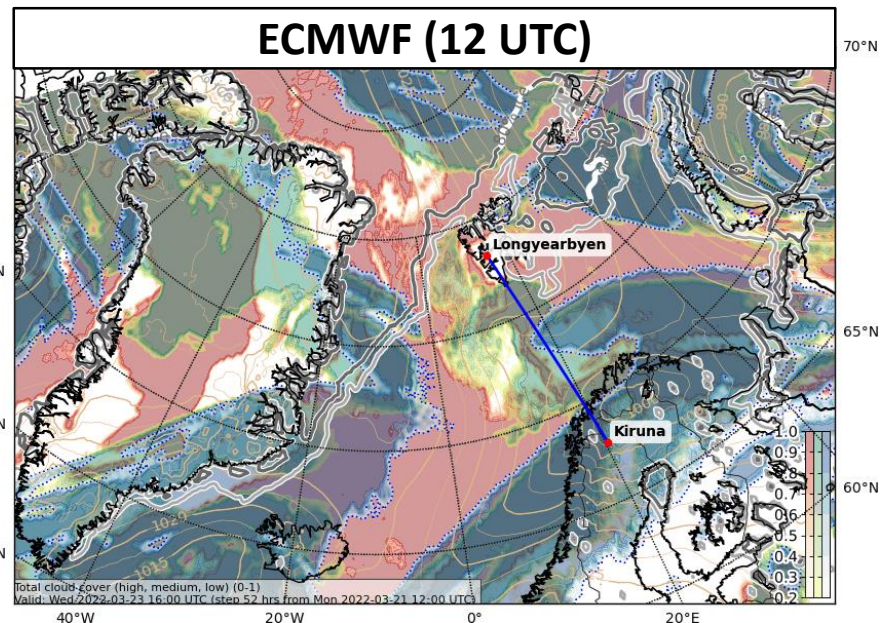
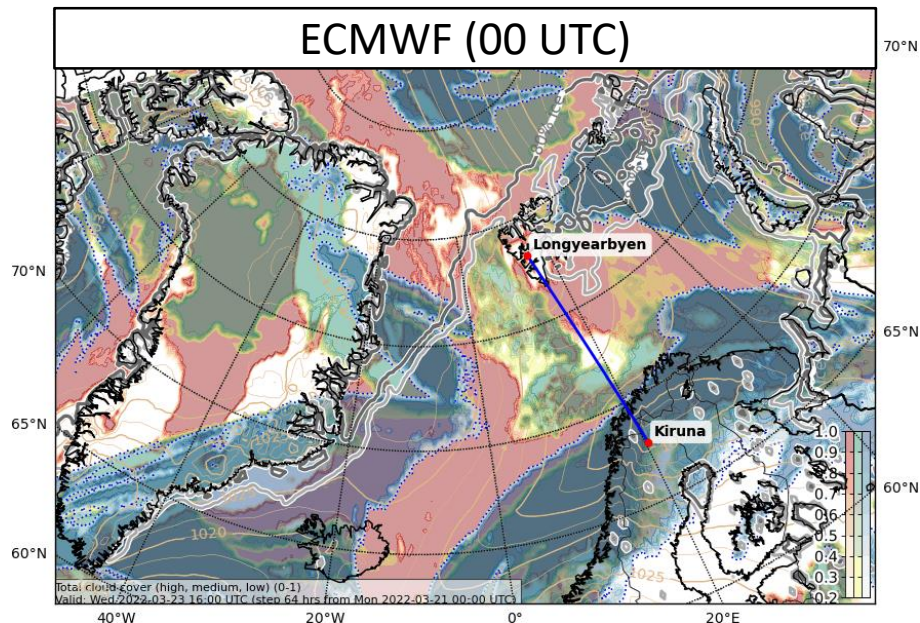
ICON – t00 UTC



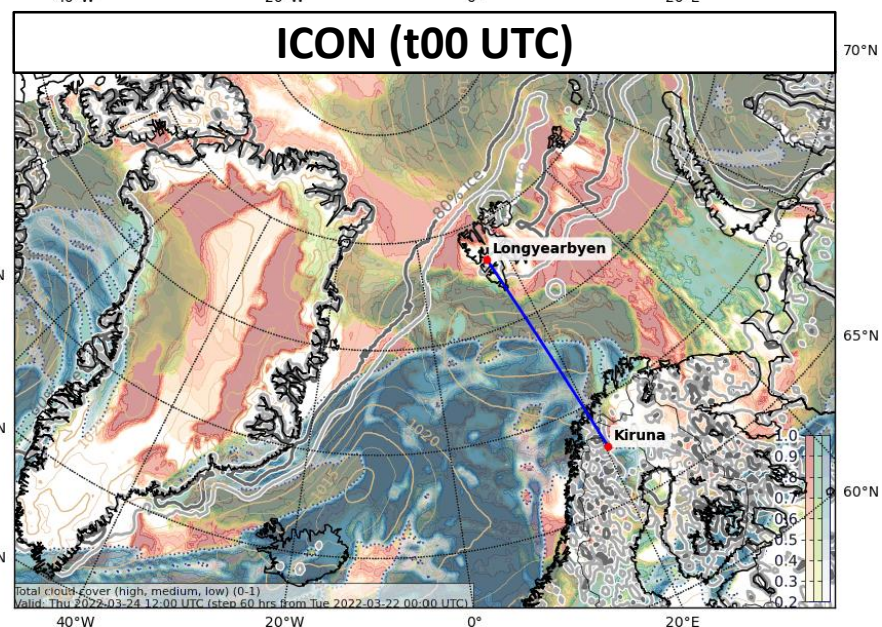
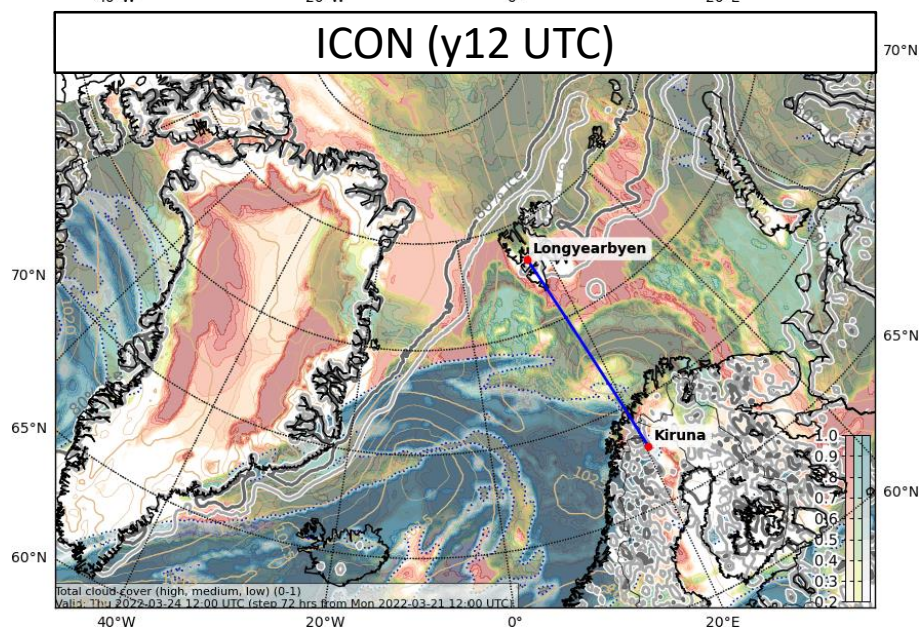
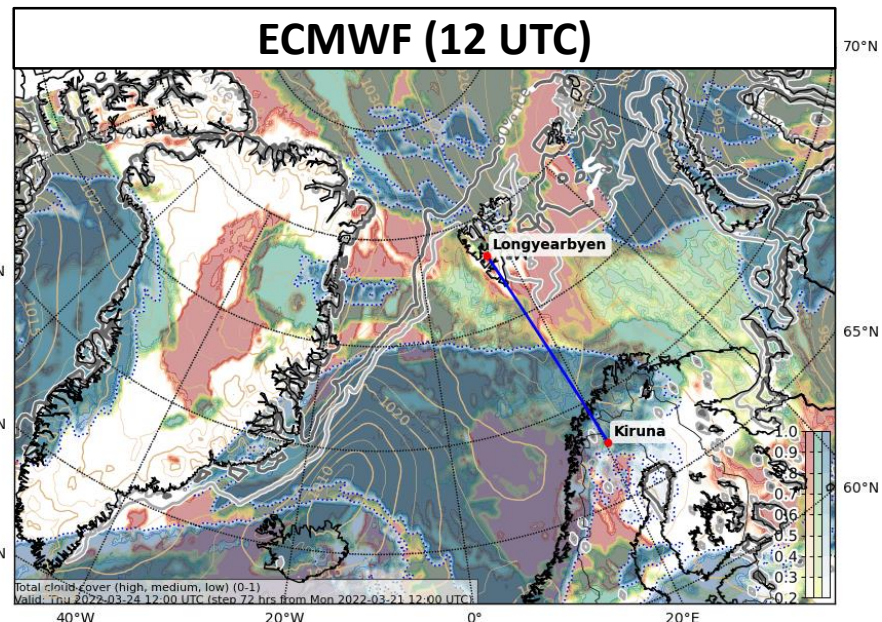
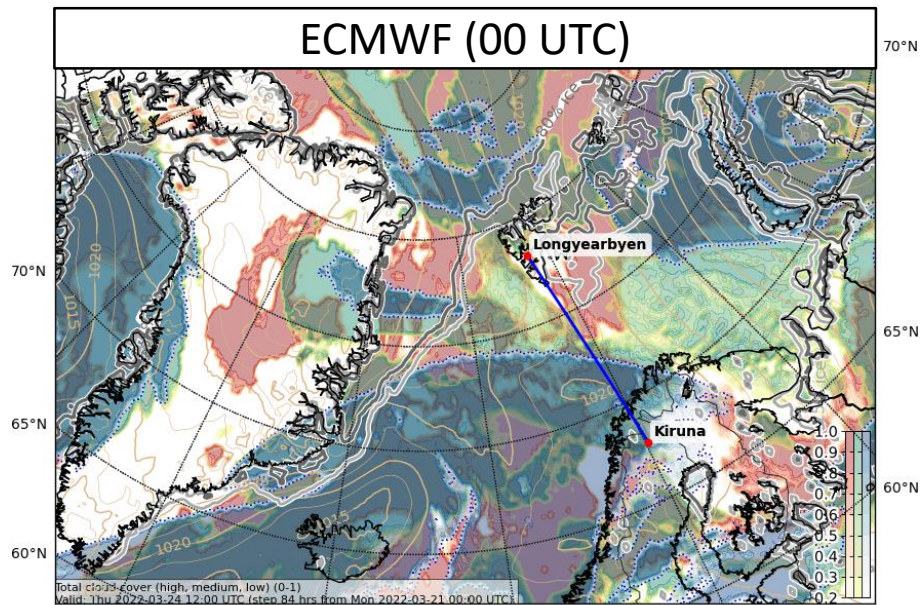
Wed, 2022-03-23 10 UTC, Total cloud cover



Wed, 2022-03-23 16 UTC, Total cloud cover



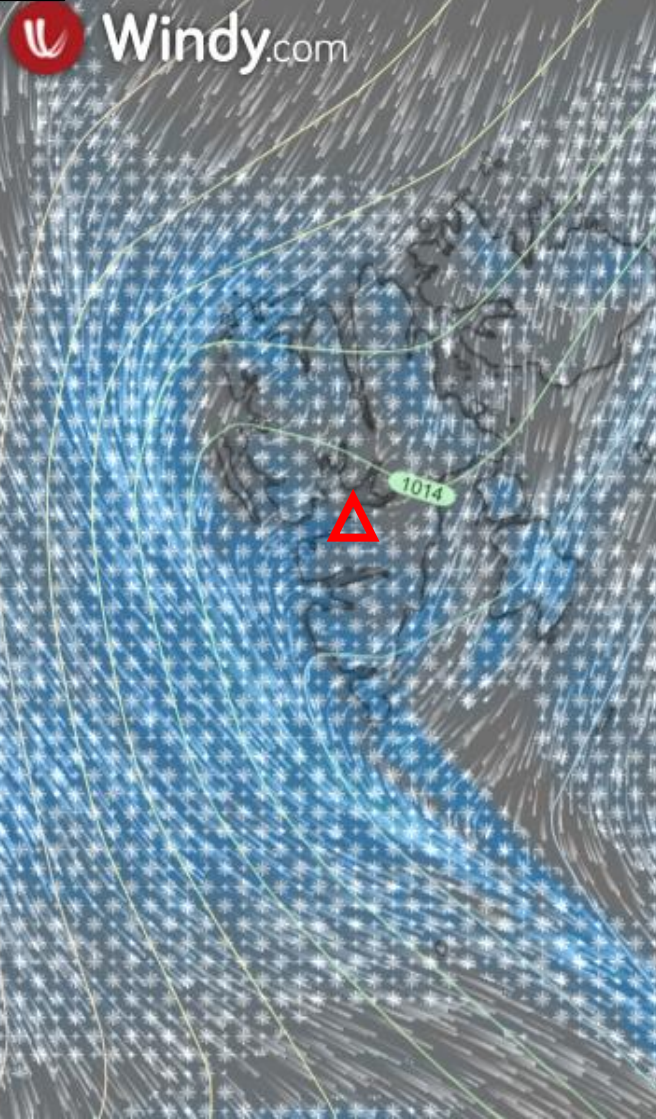
Thu, 2022-03-24 12 UTC, Total cloud cover



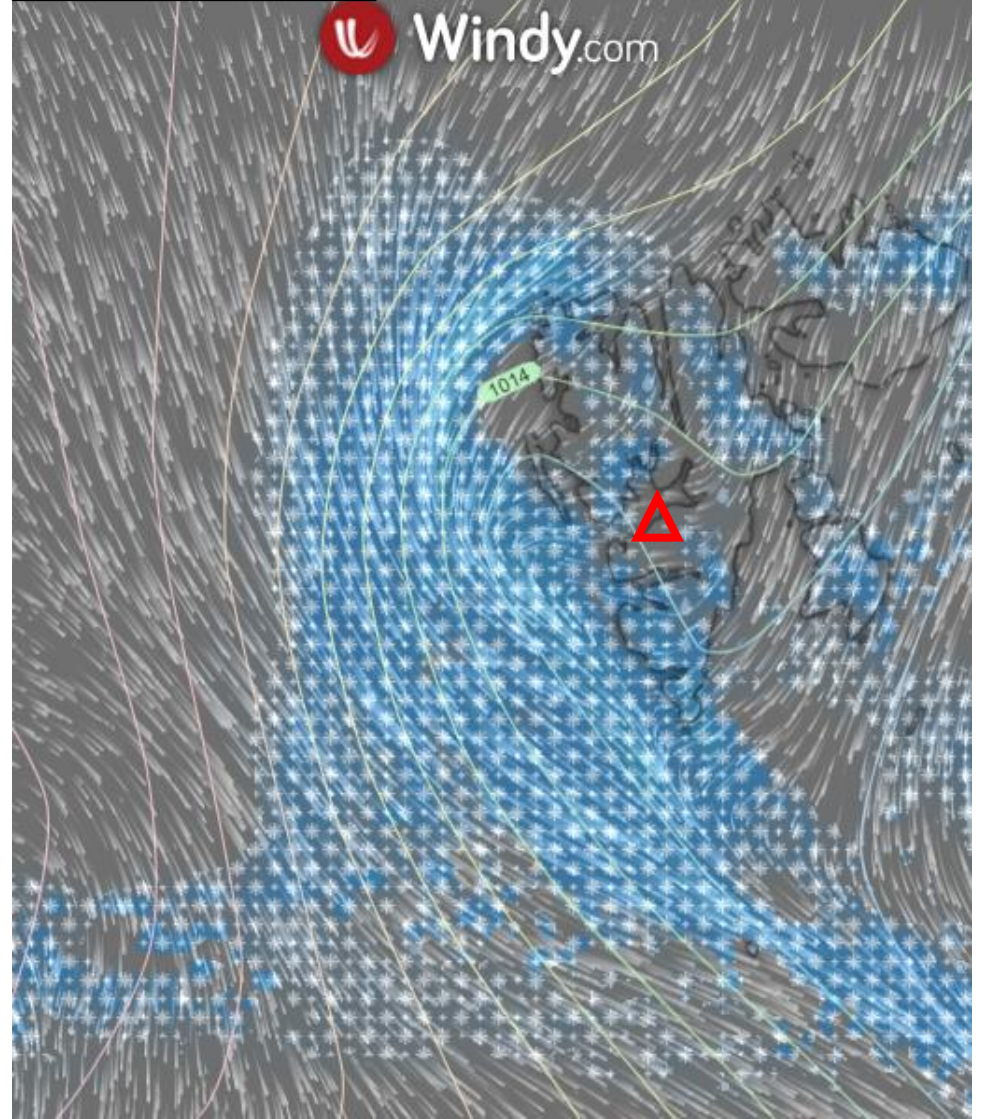
Airport meteograms & local weather at Svalbard

Tue, 2022-03-23 12 UTC: Precipitation

ECMWF

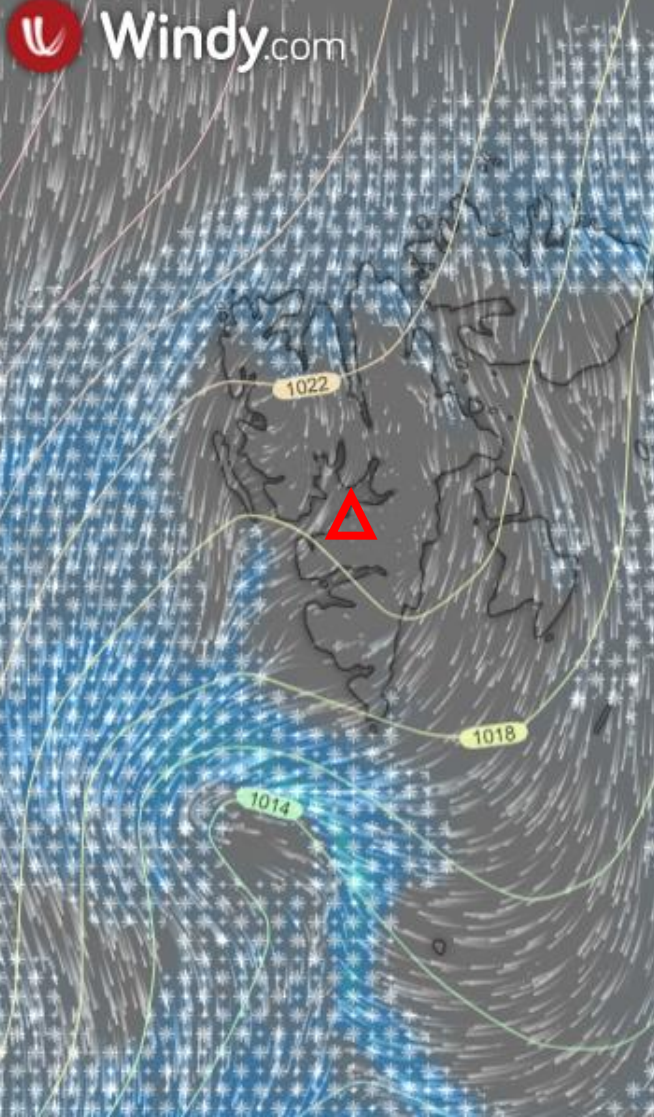


ICON

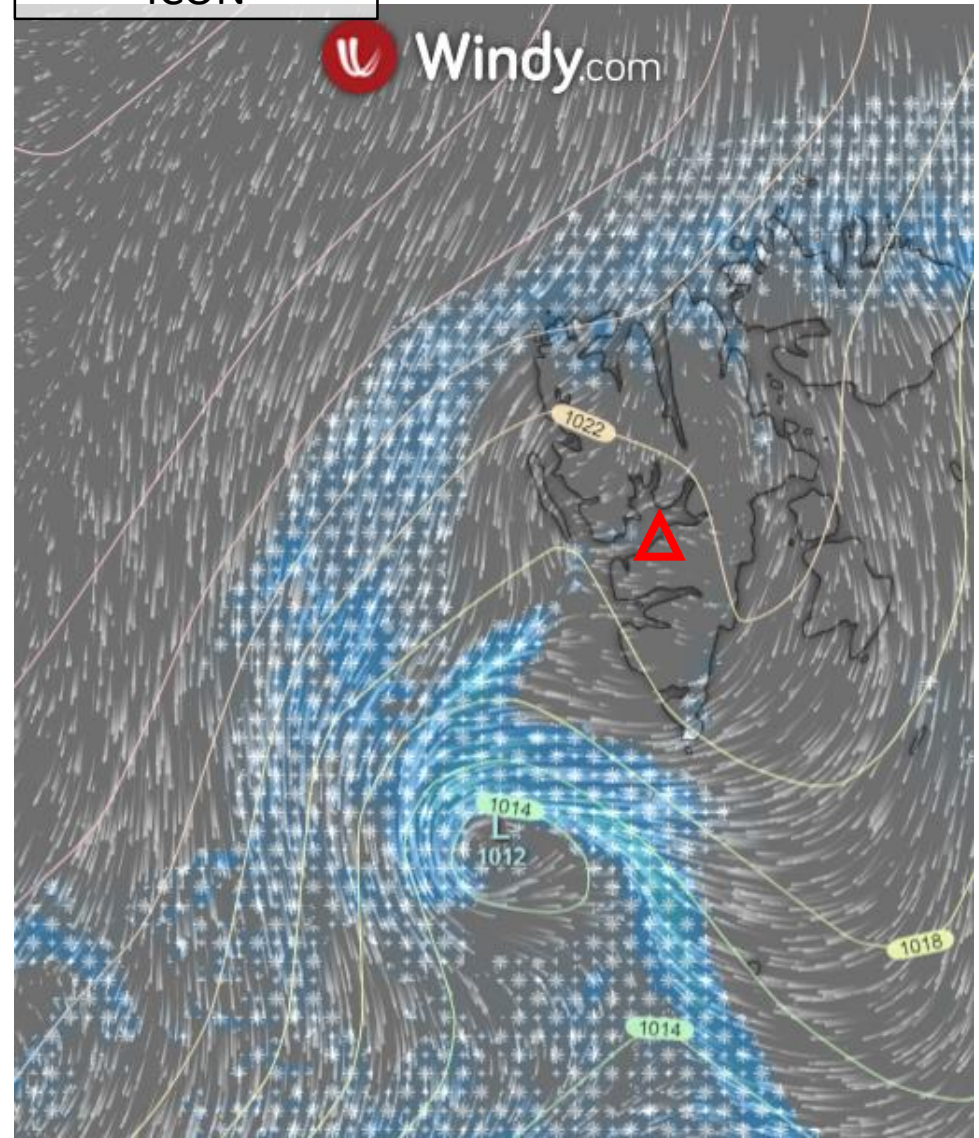


Wed, 2022-03-23 09 UTC: Precipitation

ECMWF

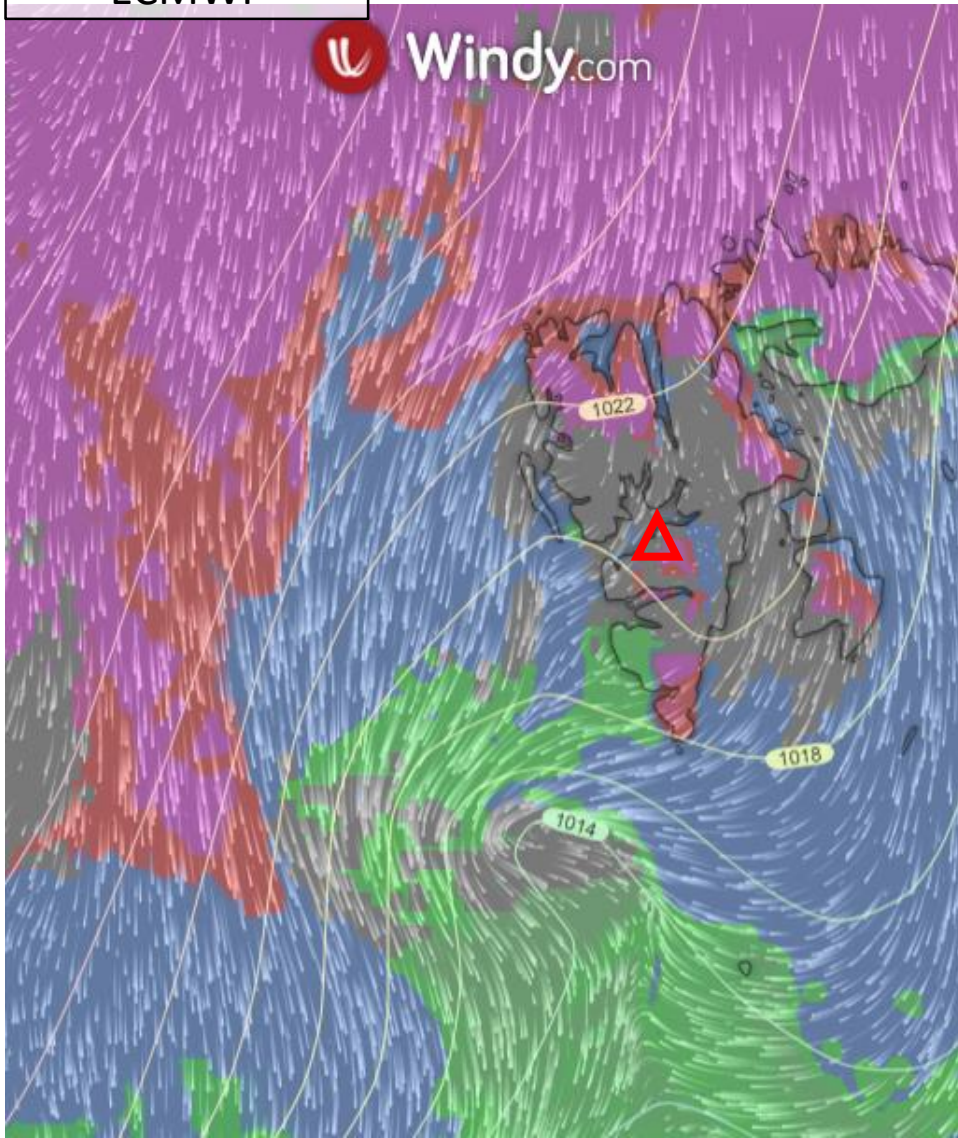


ICON

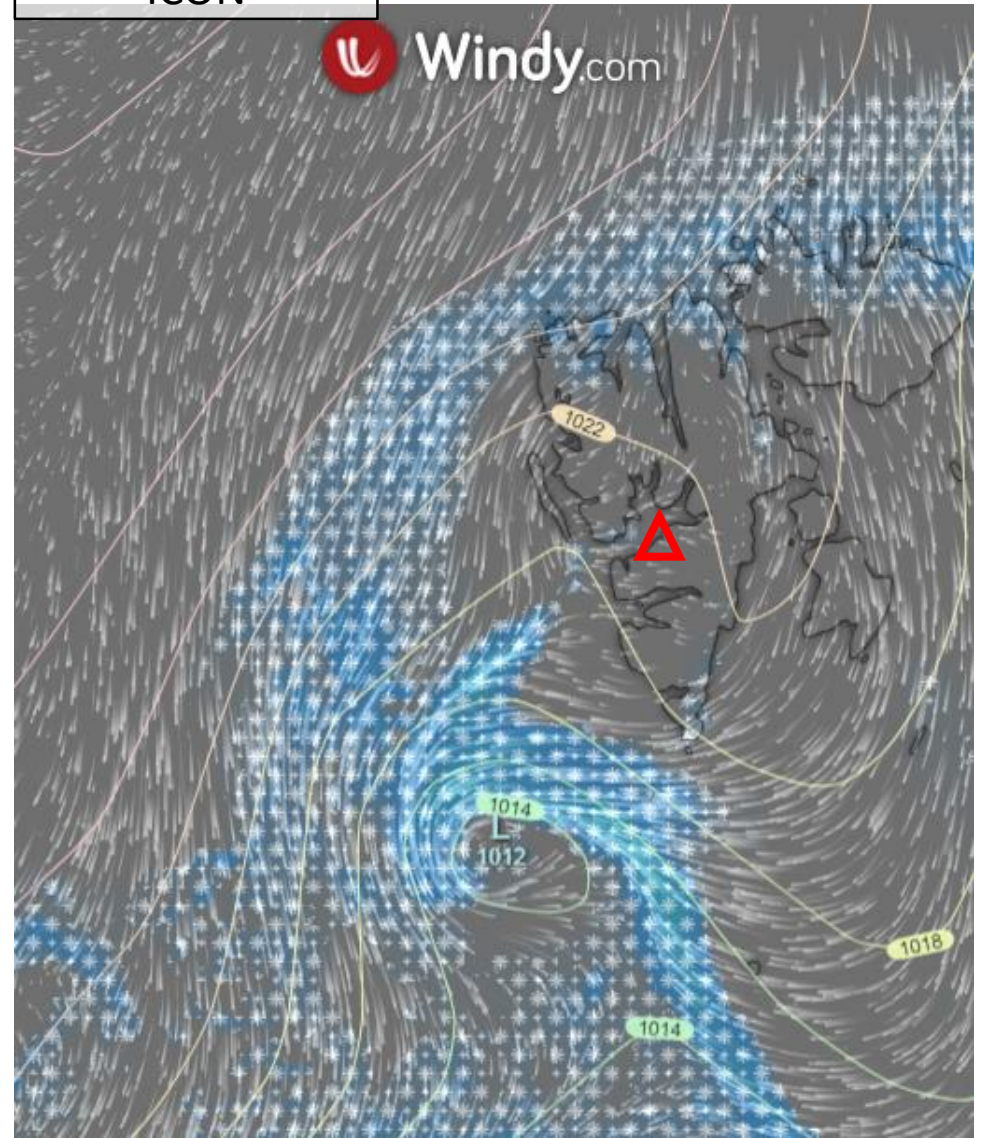


Wed, 2022-03-23 09 UTC: ECMWF Cloud base & ICON precipitation

ECMWF

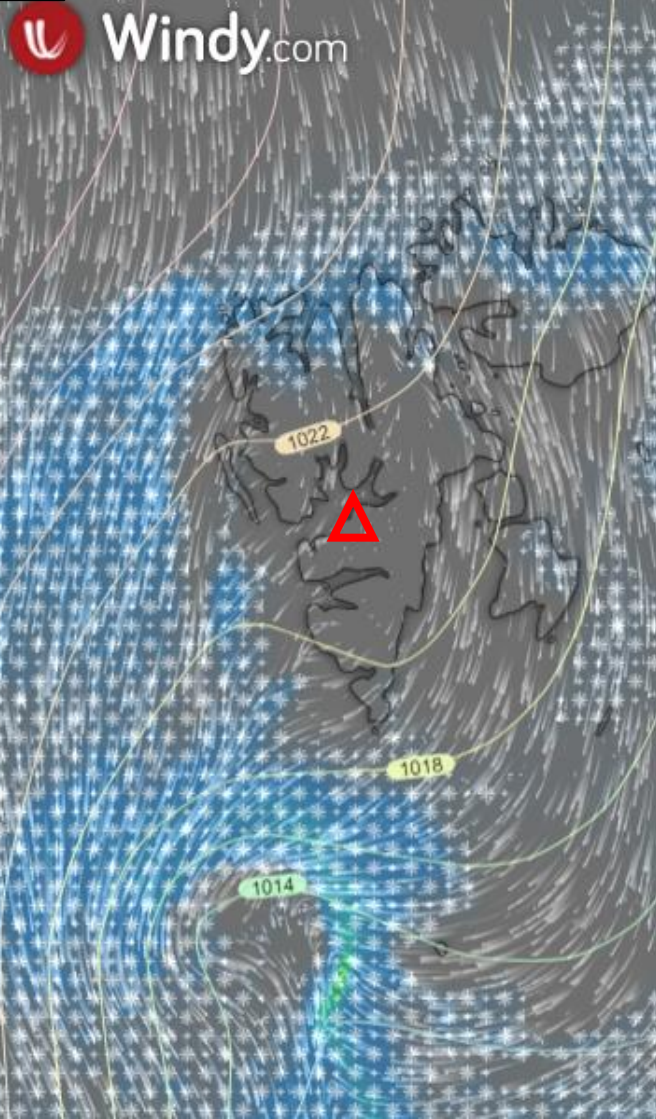


ICON

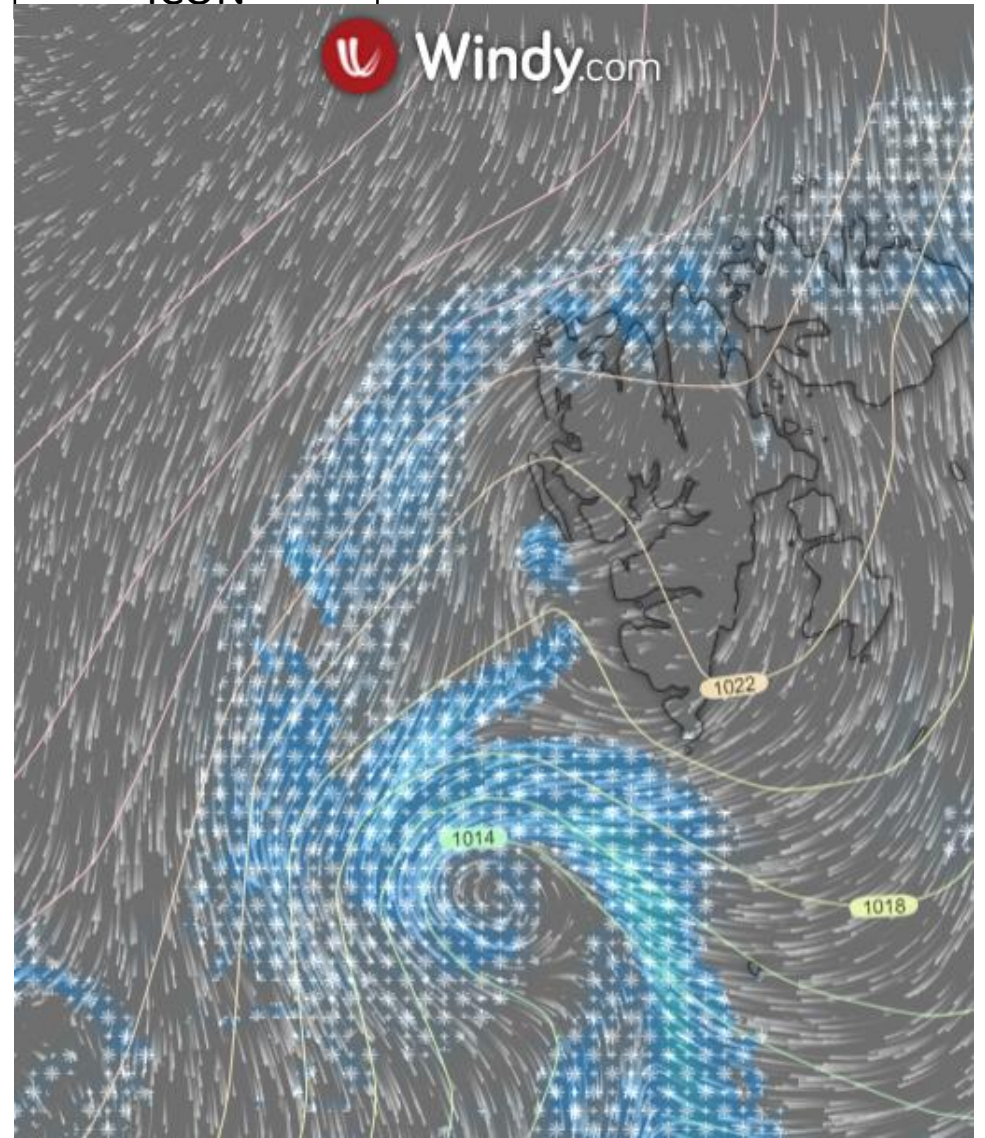


Wed, 2022-03-23 15 UTC: Precipitation

ECMWF

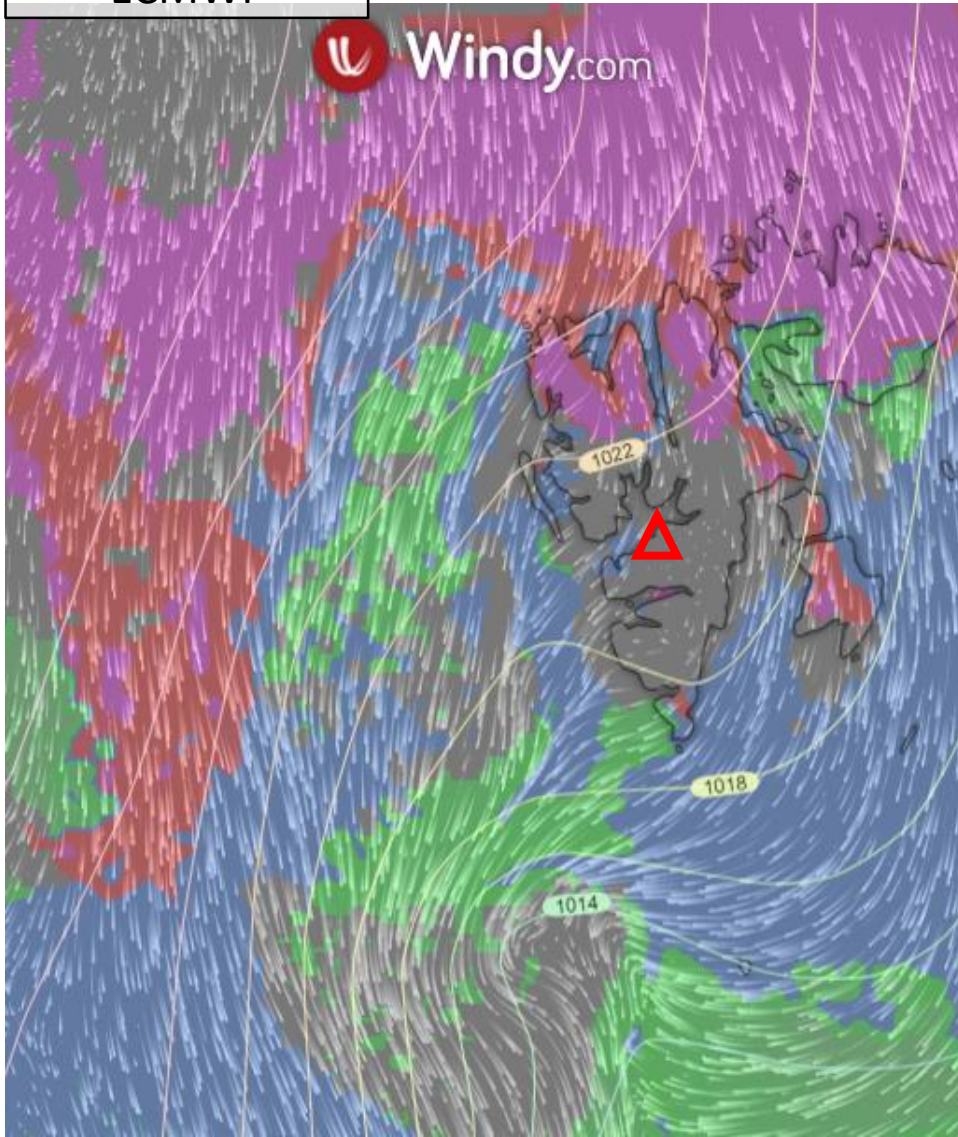


ICON

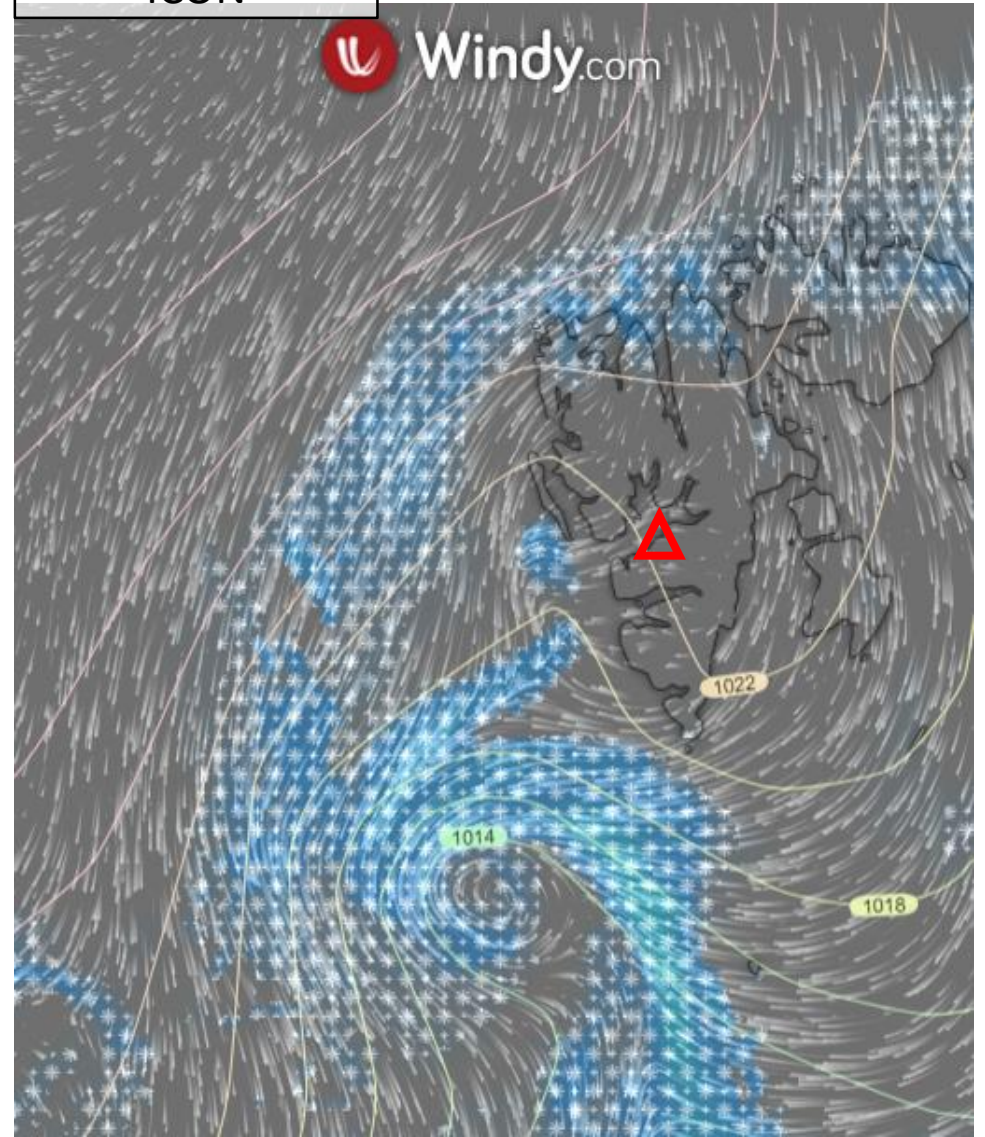


Wed, 2022-03-23 15 UTC: ECMWF Cloud base & ICON precipitation

ECMWF

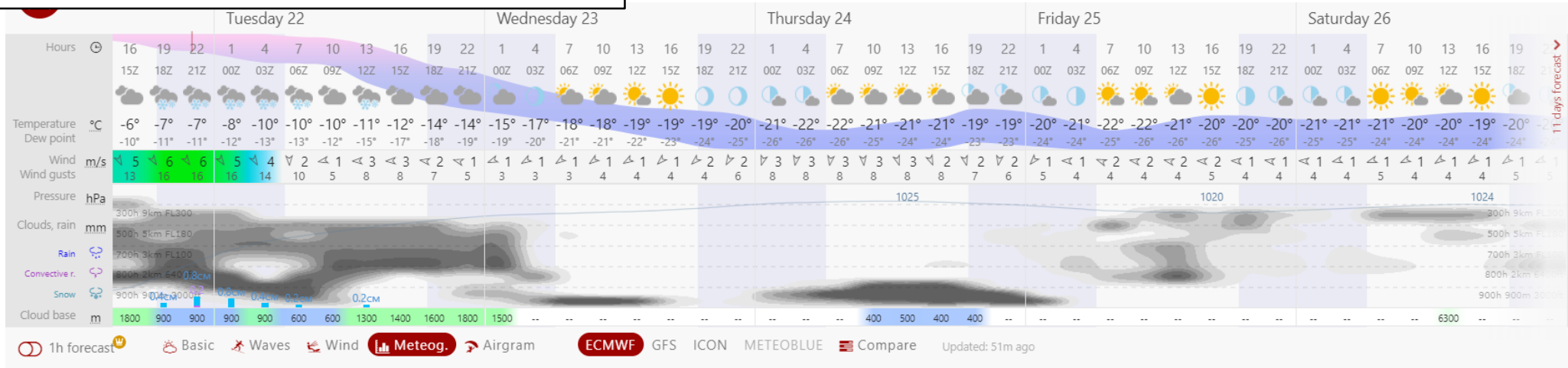


ICON

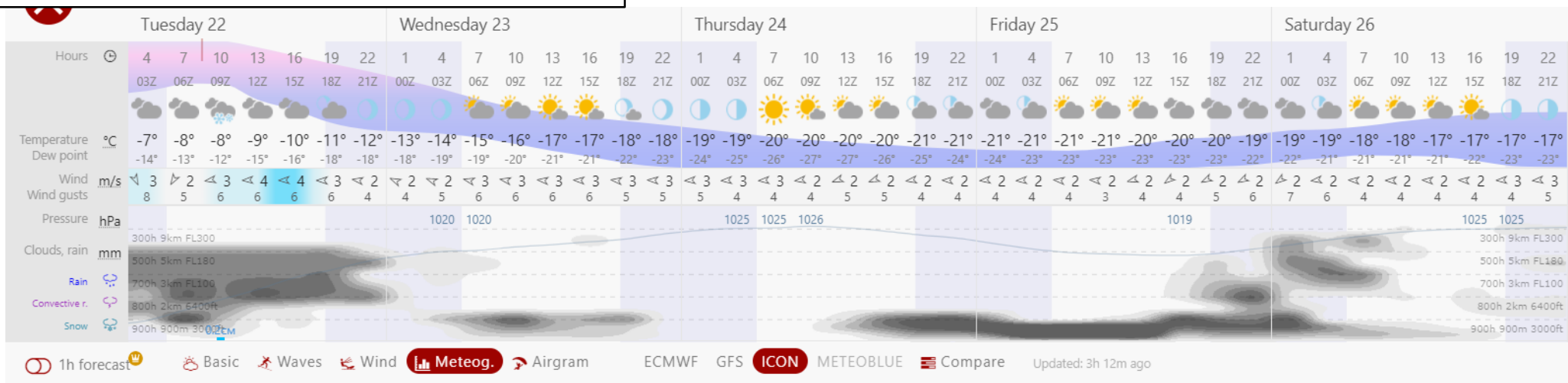


Longyearbyen:

ECWMF



ICON



Summary

Summary: Weather Update 2022-03-22, 09:00 LT

- **Wednesday, 2022-03-23:**
 - Polar Low formed (by both ICON and ECMWF)
 - Stronger precip around Polar Low
 - CAA remains strong
 - Good flying conditions from LYR
- **Thursday, 2022-03-24:**
 - Uncertainties regarding mesoscale vortices
 - Polar Low extends to larger system in ICON, but fades in ECMWF
- **Friday, 2022-03-25:**
 - Flow similar to yesterday's forecast
 - CAA persists