

Weather update HALO-(AC)³

Thursday, 2022-03-24, 09:00 LT

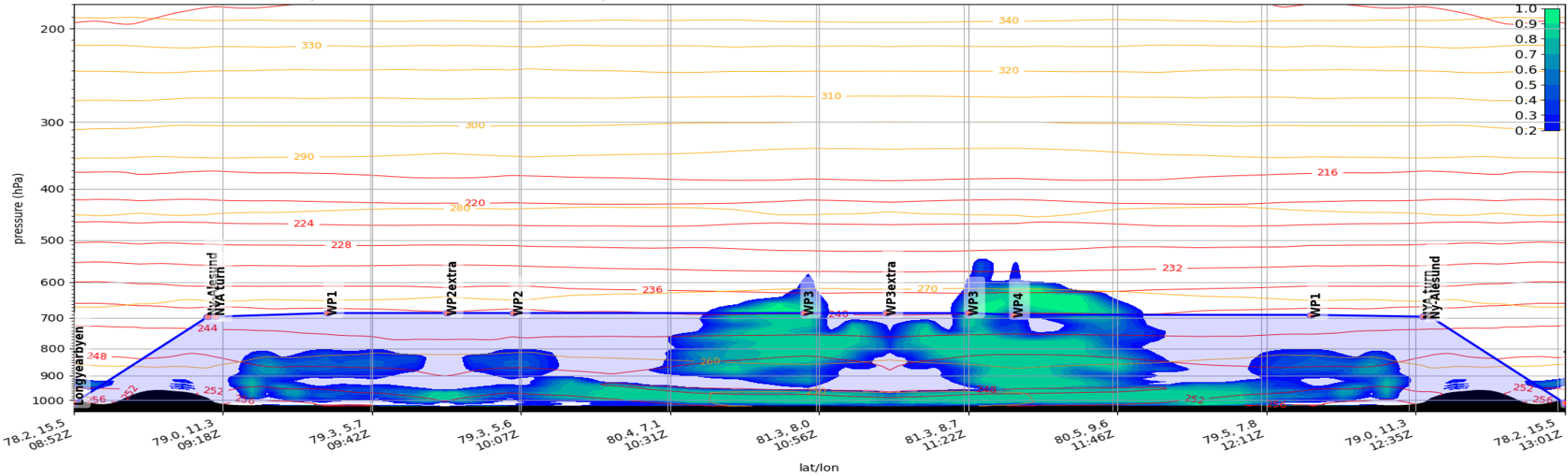
Cloud cross-sections: P5_RF04

ECMWF & ICON

ECMWF, initialisation: yesterday, 12 UTC:

Cloud Cover (0-1) Vertical Section

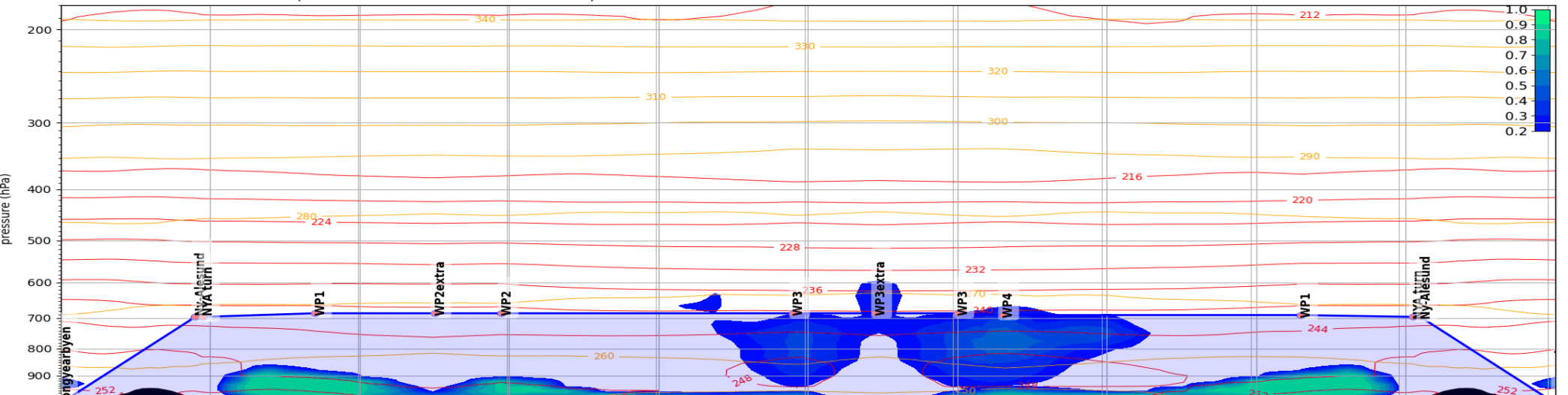
Valid: 2022-03-24T12:00:00Z (initialisation: 2022-03-23T12:00:00Z)



ICON, initialisation: today, 00 UTC:

Cloud Cover (0-1) Vertical Section

Valid: 2022-03-24T12:00:00Z (initialisation: 2022-03-24T00:00:00Z)

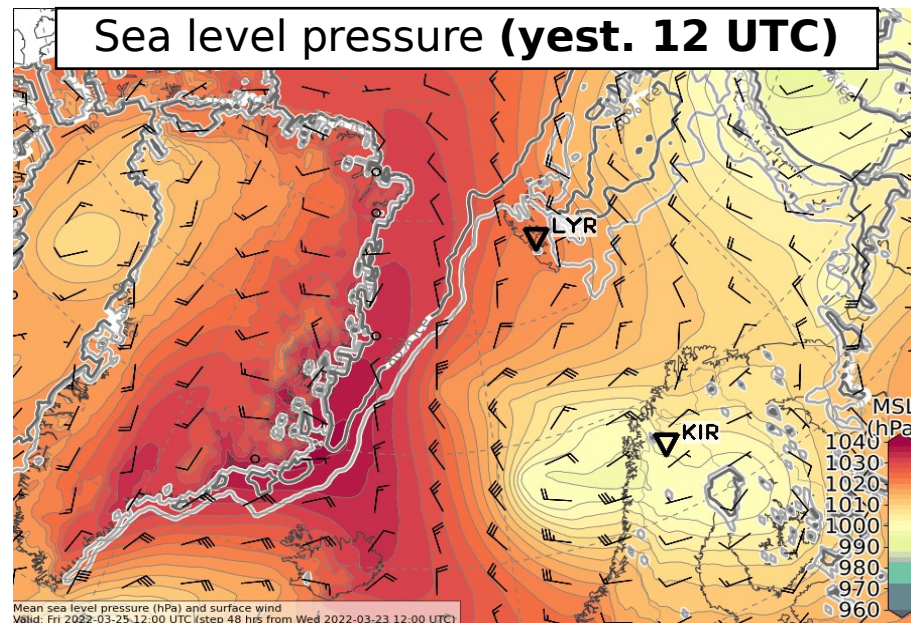
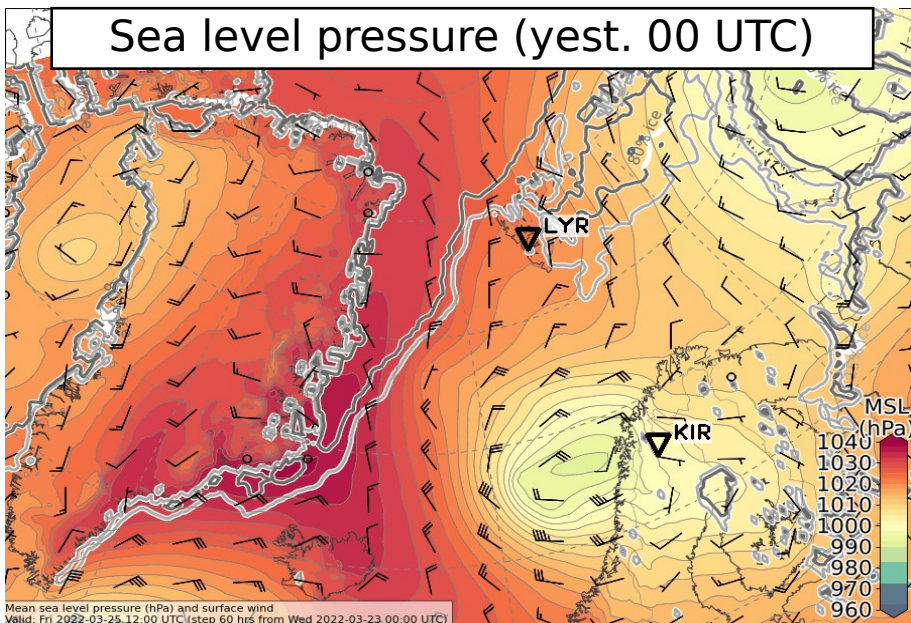
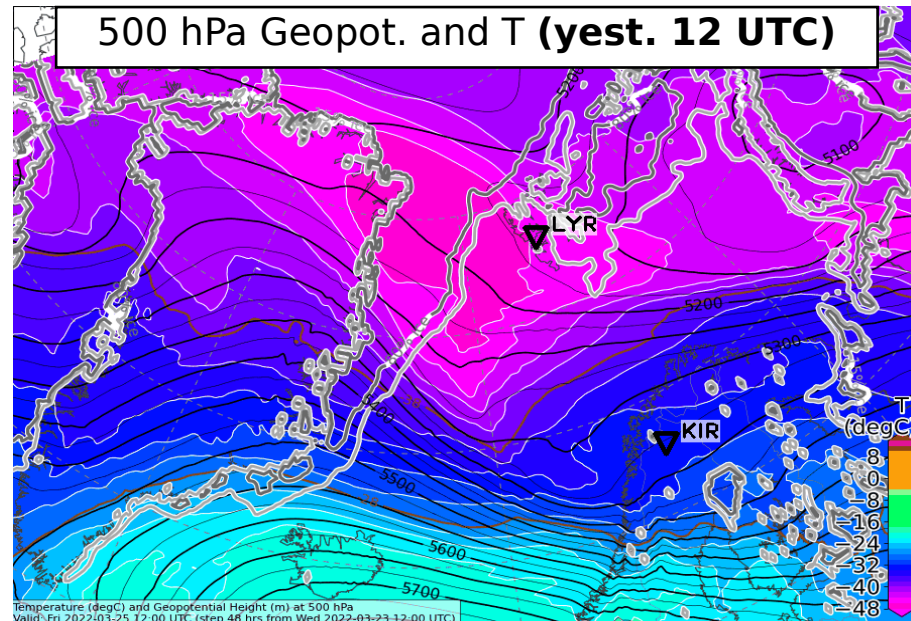


Forecast comparison yesterday 00 UTC vs. 12 UTC

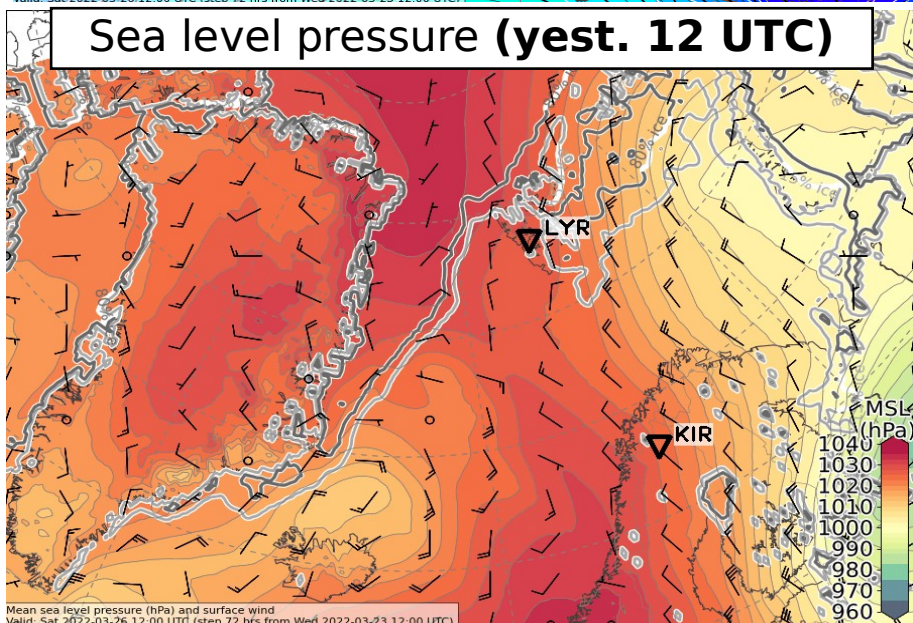
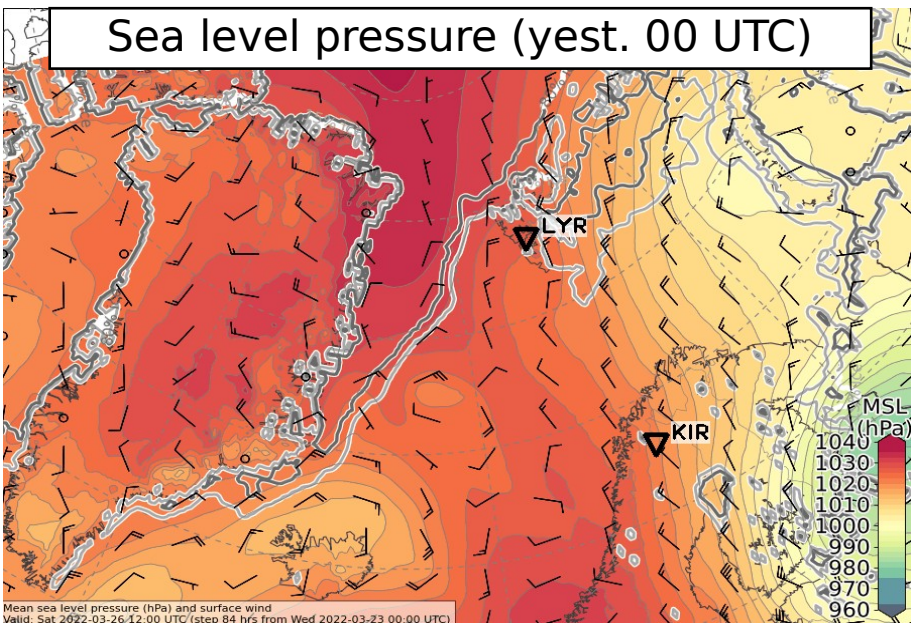
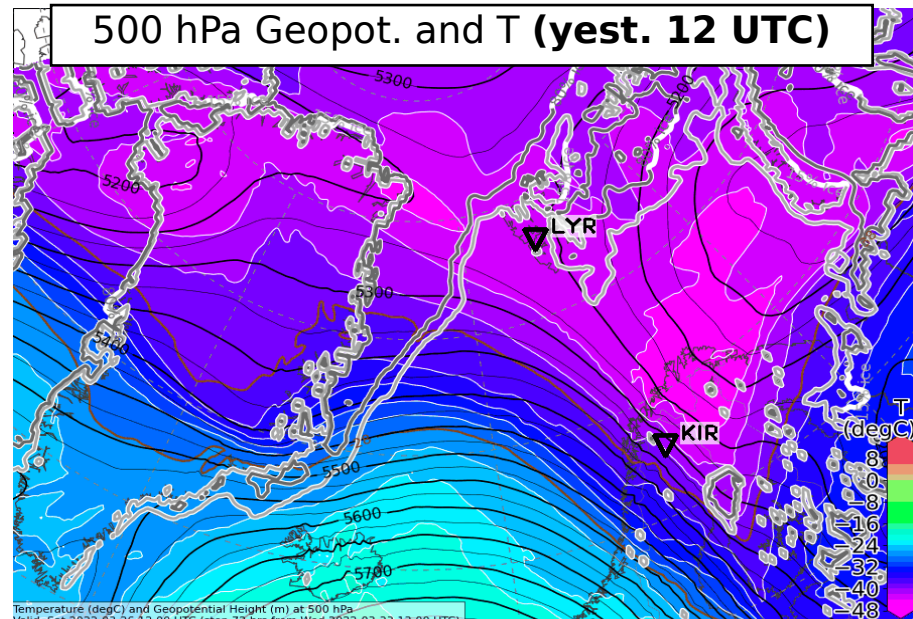
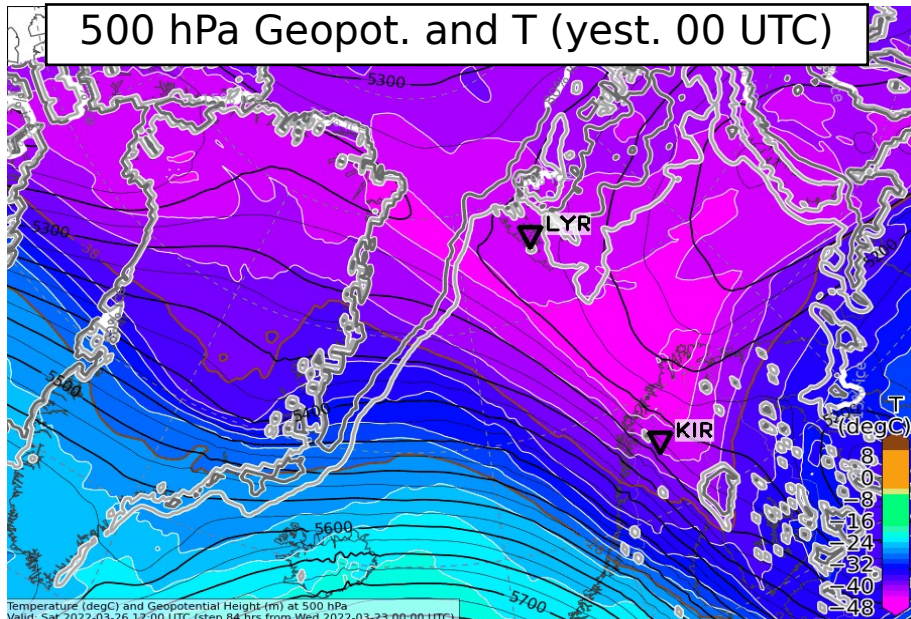
Fri, 2022-03-25 12 UTC (+48h)

500 hPa Geopot. and T (yest. 00 UTC)

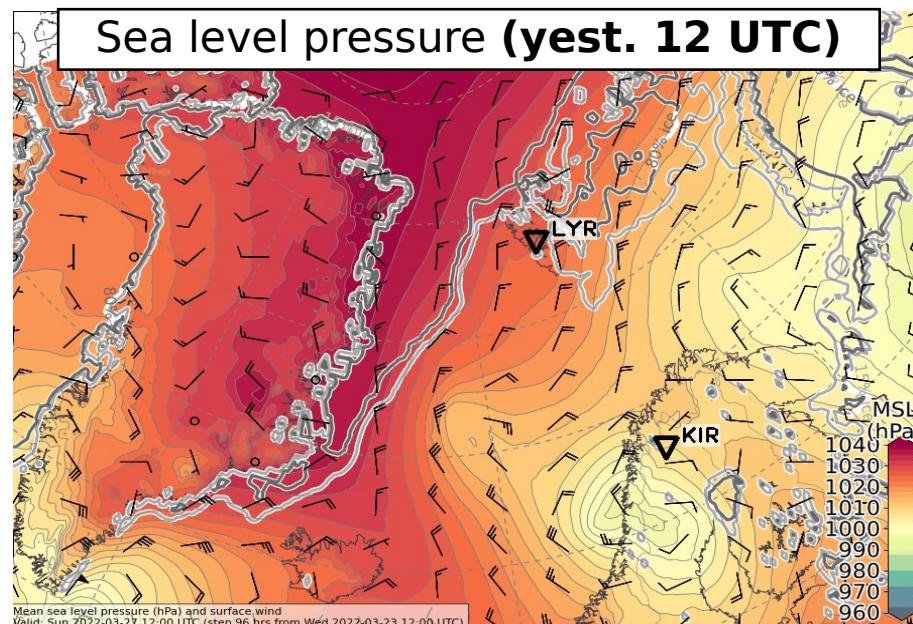
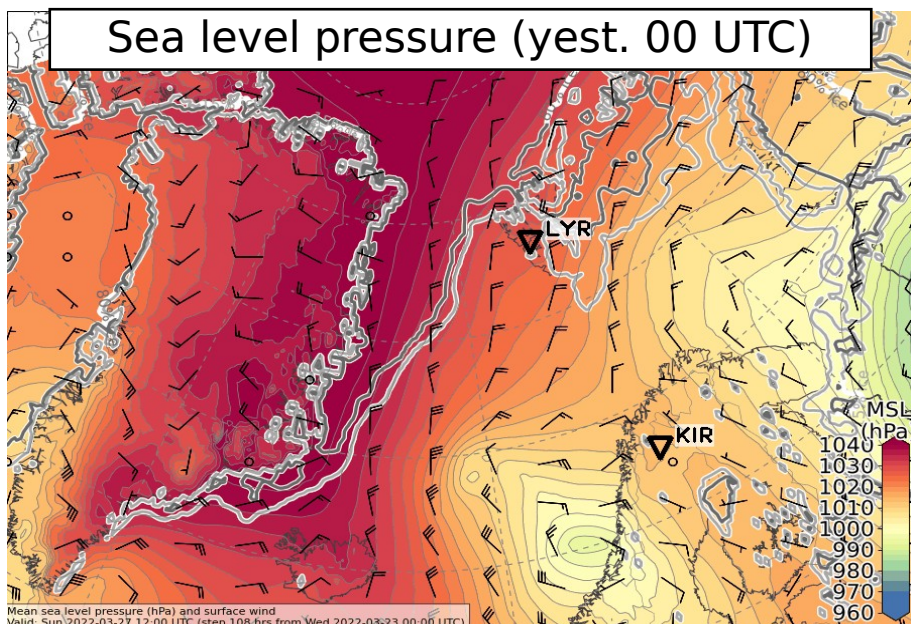
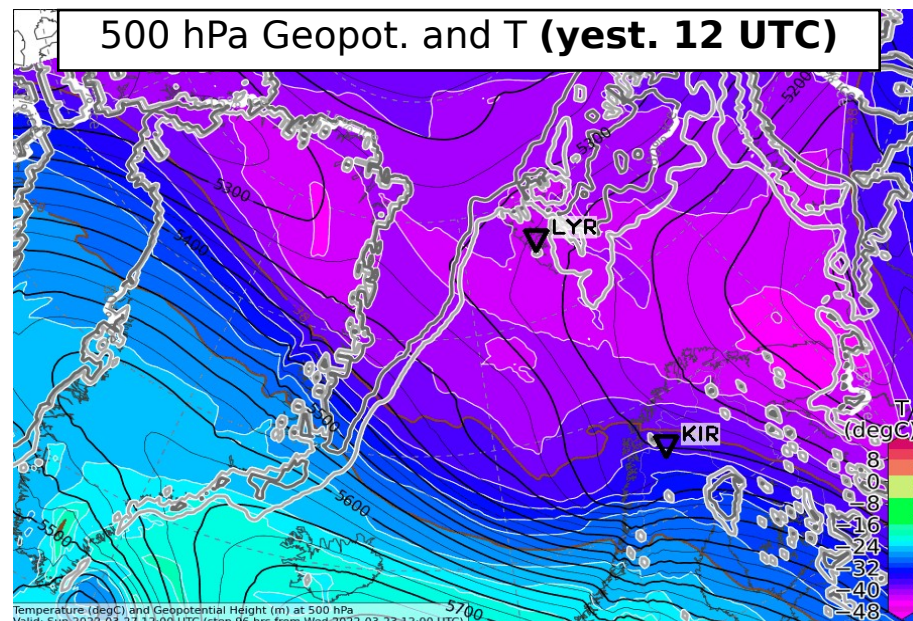
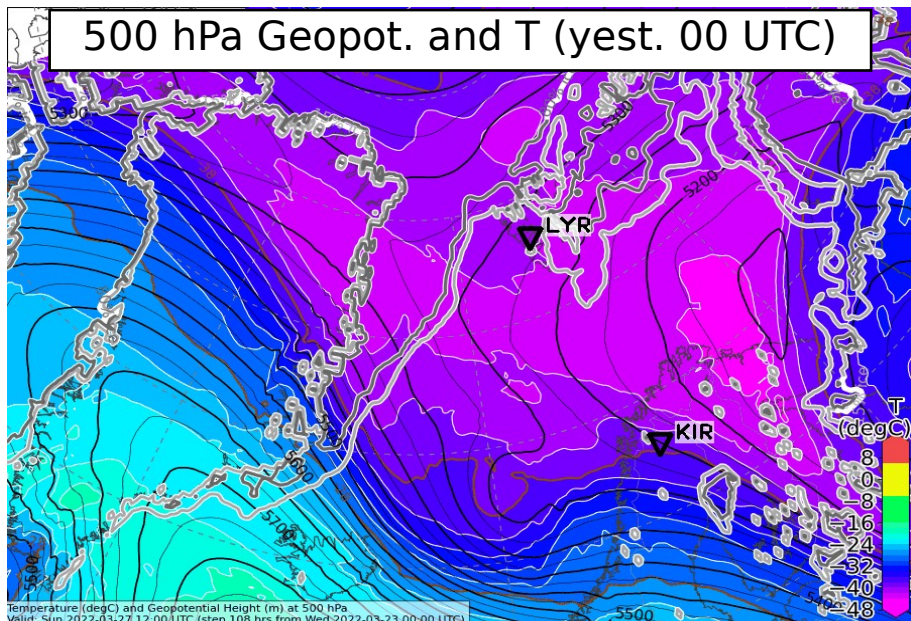
not available!



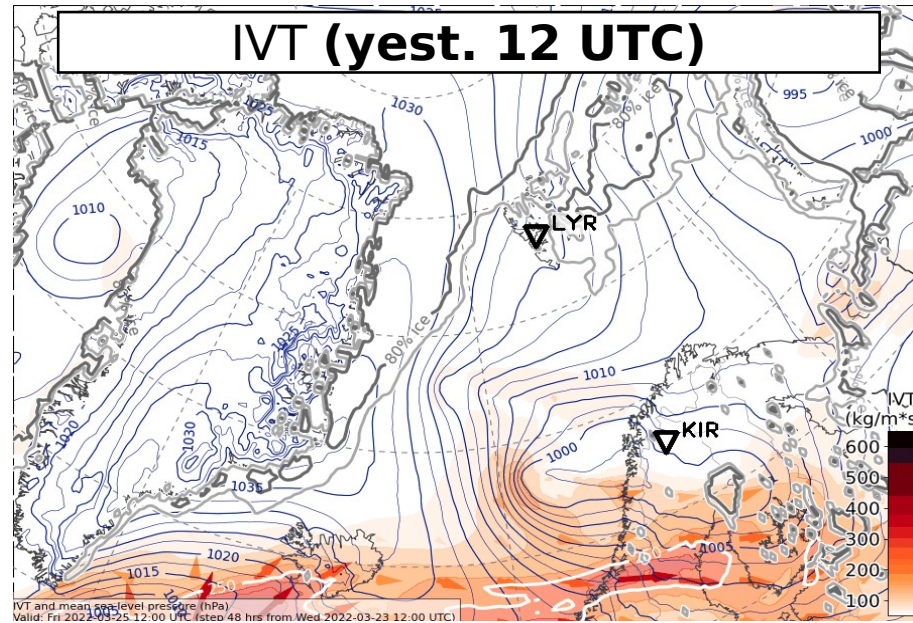
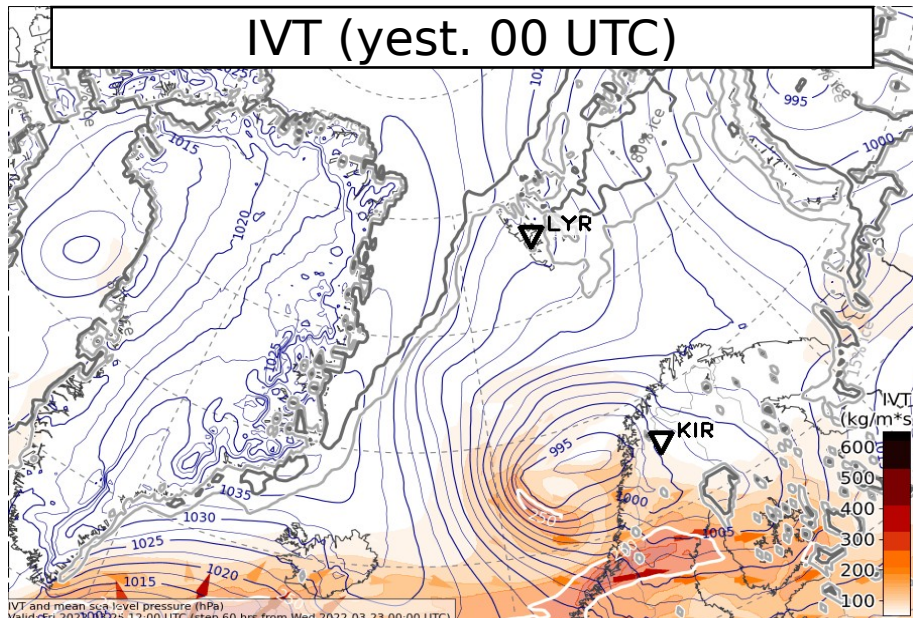
Sat, 2022-03-26 12 UTC (+72h)



Sun, 2022-03-27 12 UTC (+96h)

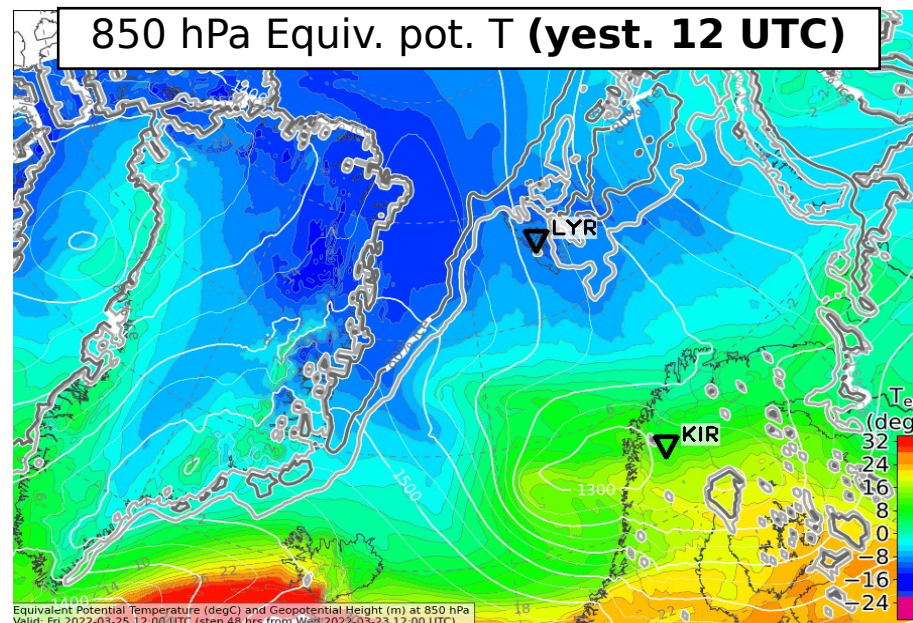


Fri, 2022-03-25 12 UTC (+48h)

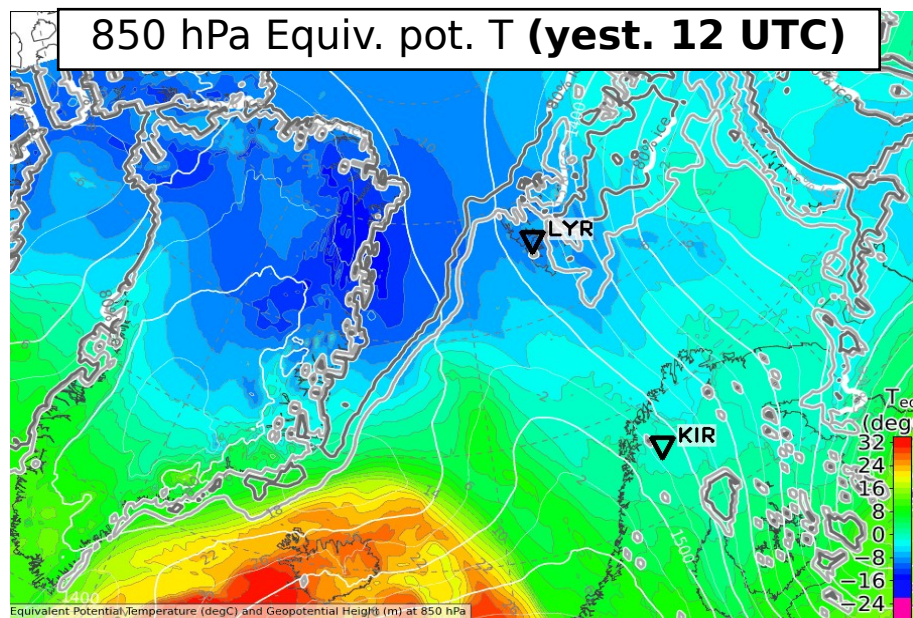
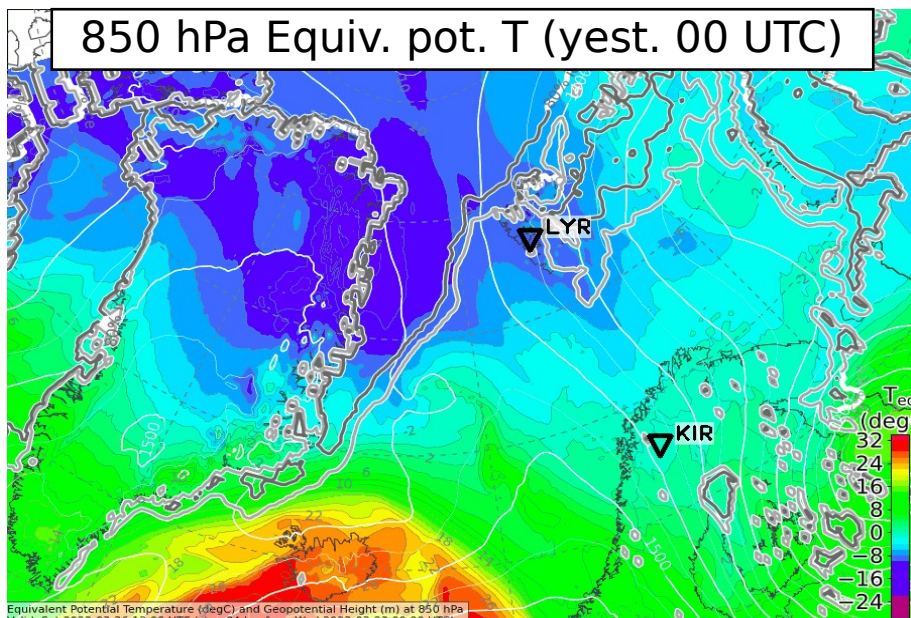
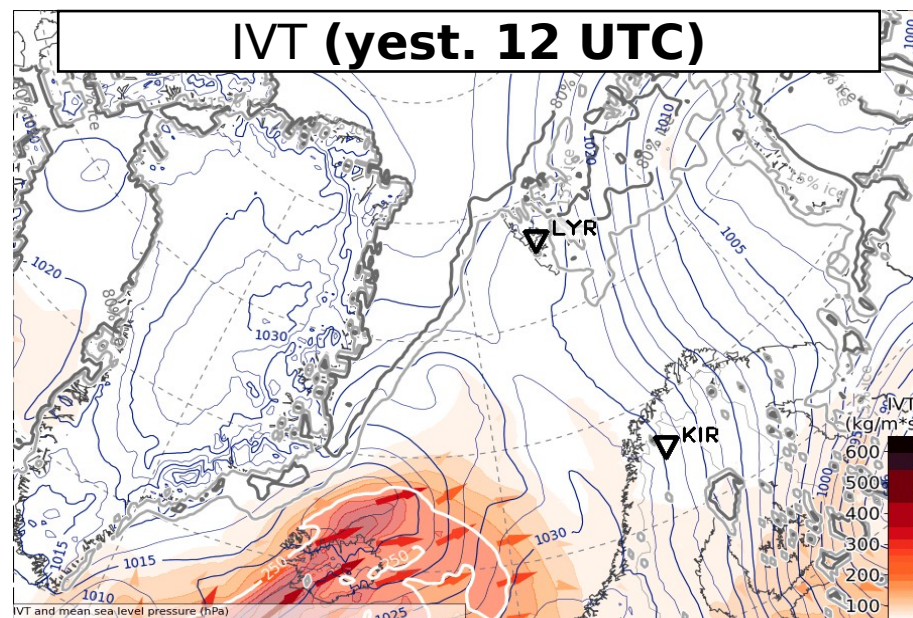
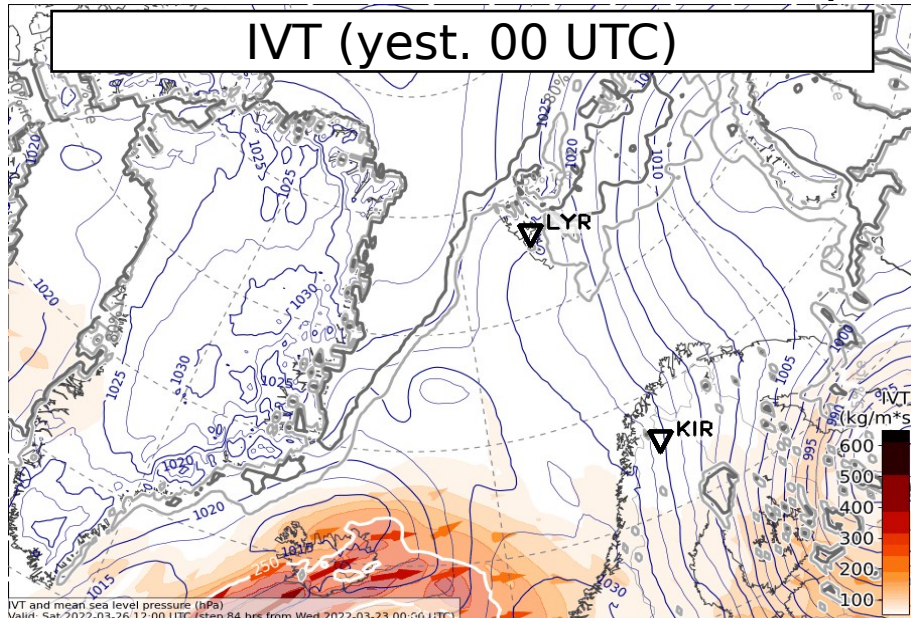


850 hPa Equiv. pot. T (yest. 00 UTC)

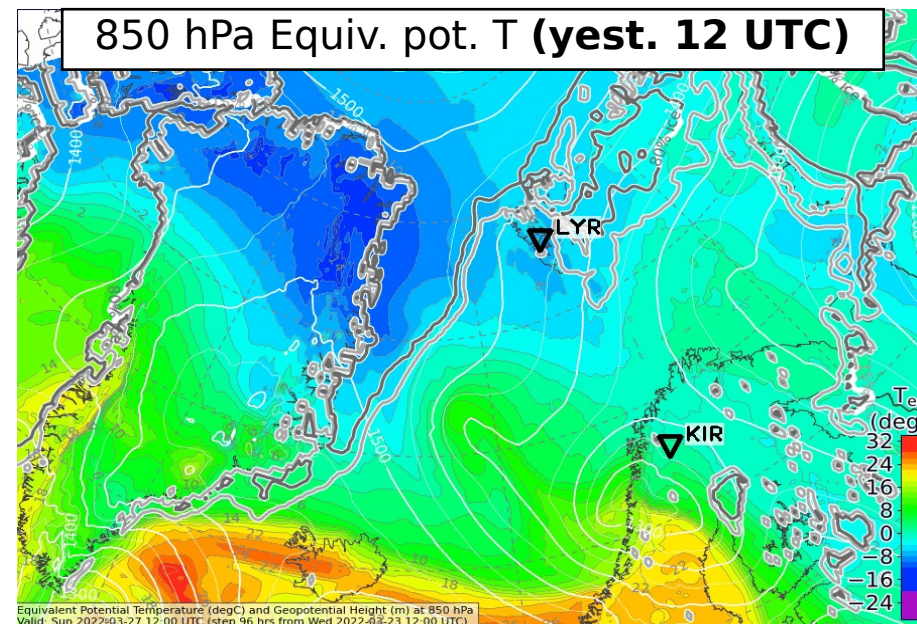
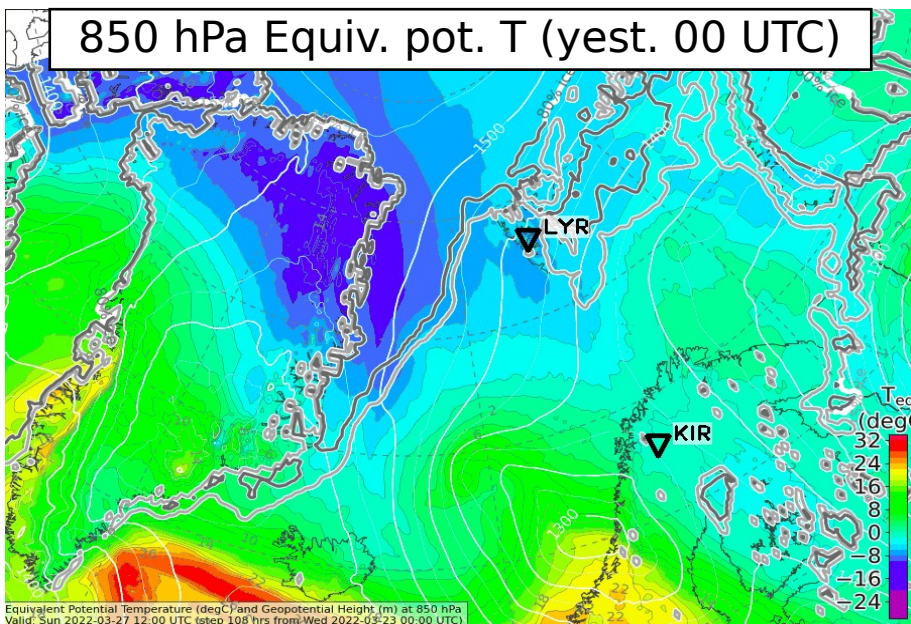
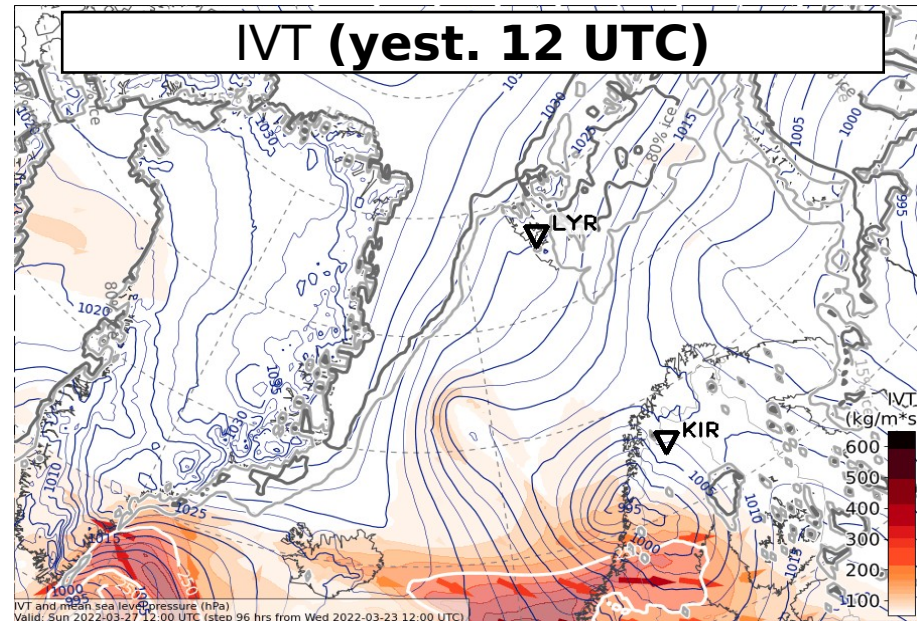
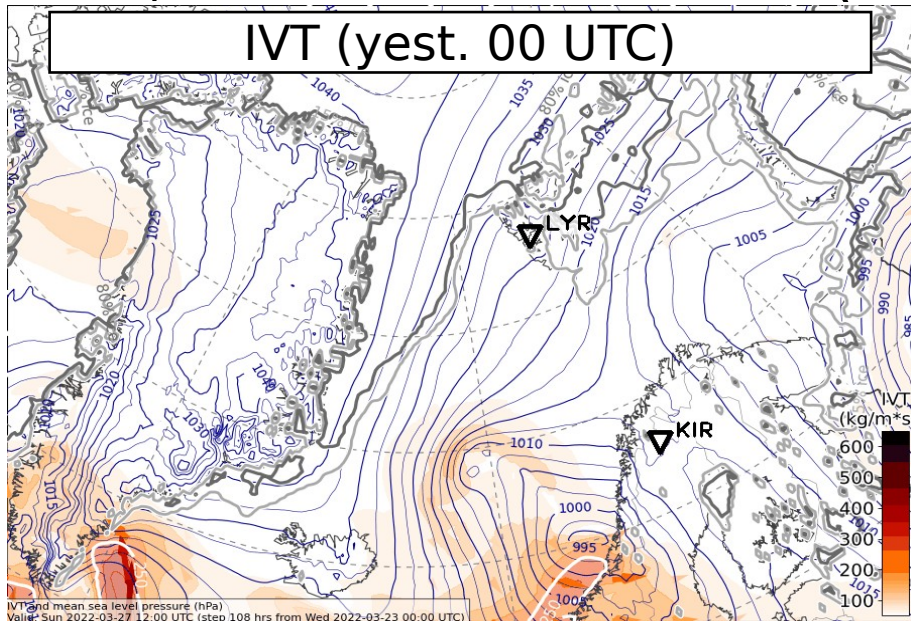
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Sat, 2022-03-26 12 UTC (+72h)

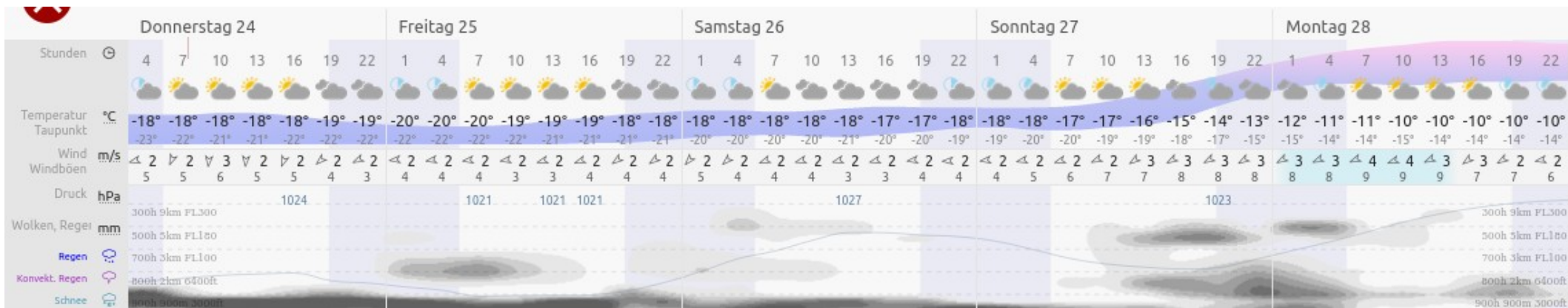


Sun, 2022-03-27 12 UTC (+96h)

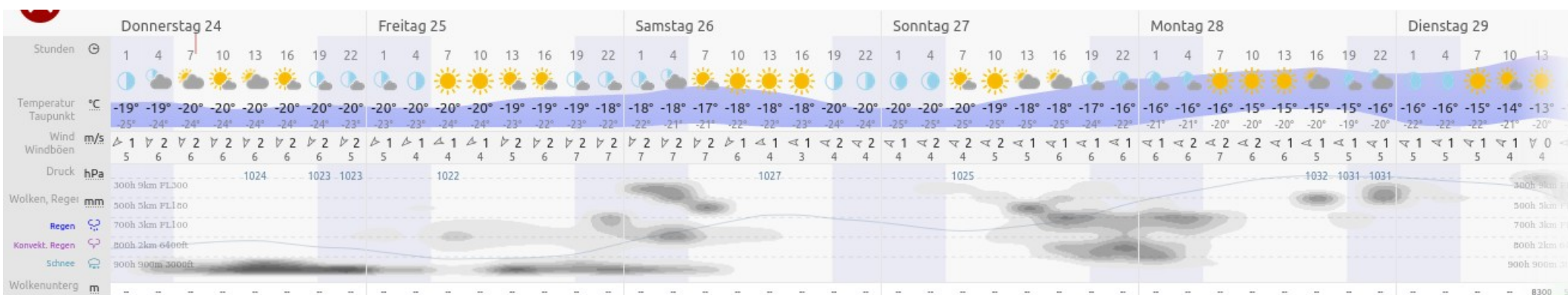


Meteograms from windy

ICON: 2022-03-24 00 UTC



ECMWF: 2022-03-23 12 UTC



Summary

Summary: Weather Update 2022-03-24, 09:00 LT

- **Thursday, 2022-03-24:**

- Forecast by ECMWF was right: we have low-level clouds

- **Friday, 2022-03-25 - Sunday, 2022-03-27:**

- Only change in forecast: WAA penetrates a bit more north
- Good flight conditions
- CAO west of Svalbard with flow from N
- Saturday: WAA penetrating furthest N -> flow direction unclear