

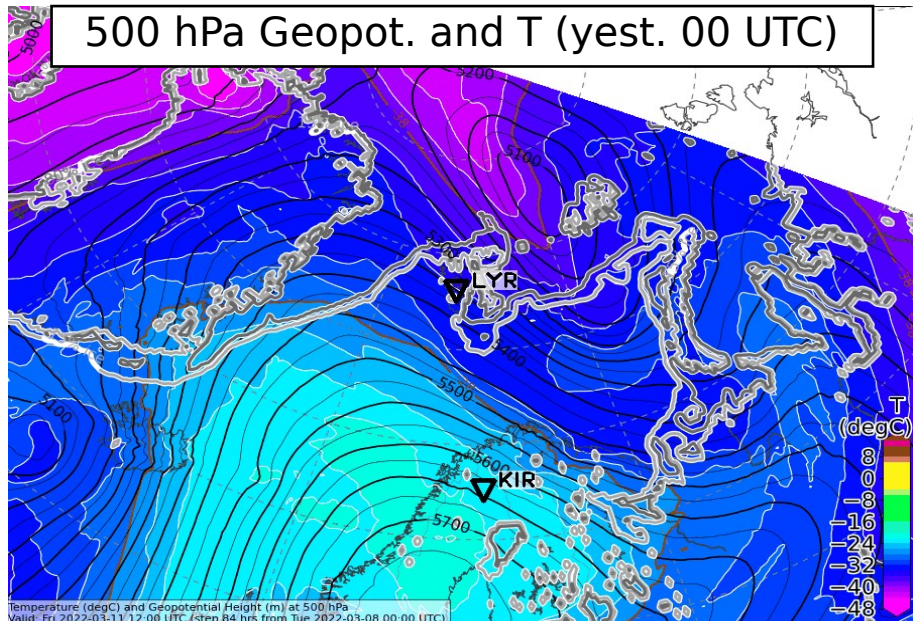
# Weather update HALO-(AC)<sup>3</sup>

Wednesday, 2022-03-09, 09:00 LT

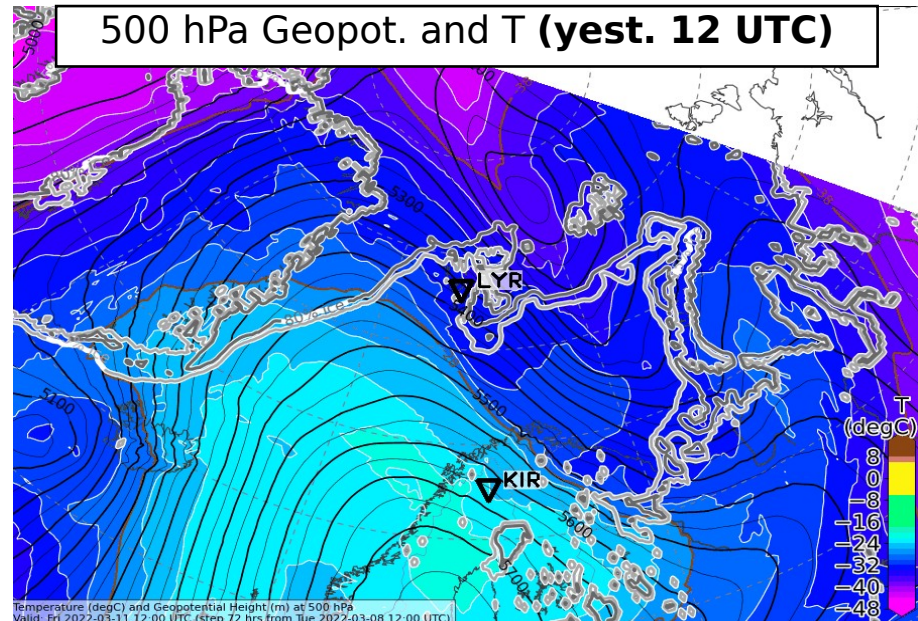
# **Forecast comparison yesterday 00 UTC vs. 12 UTC**

# Fri, 2022-03-11 12 UTC (+60h)

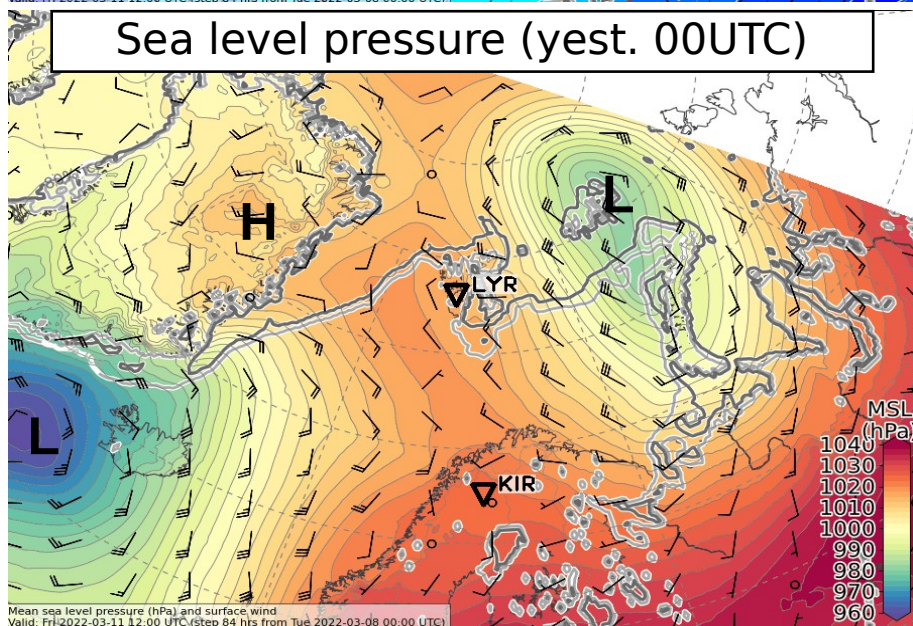
## 500 hPa Geopot. and T (yest. 00 UTC)



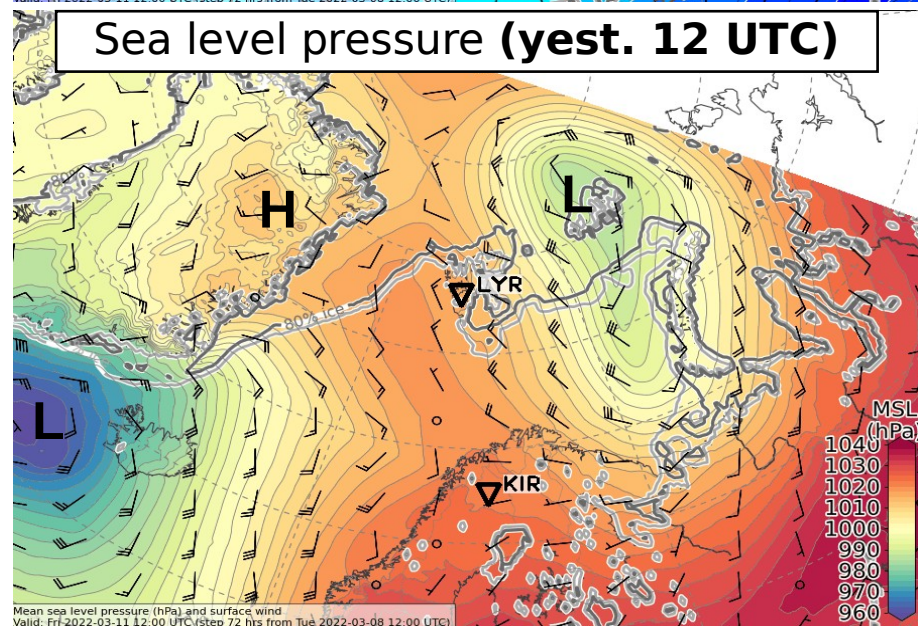
## 500 hPa Geopot. and T (yest. 12 UTC)



## Sea level pressure (yest. 00UTC)

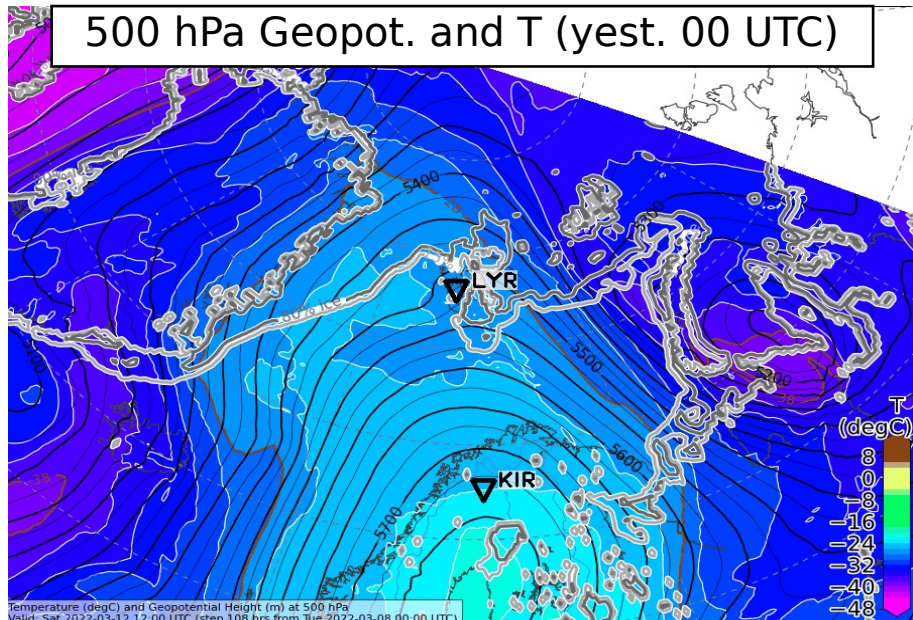


## Sea level pressure (yest. 12 UTC)

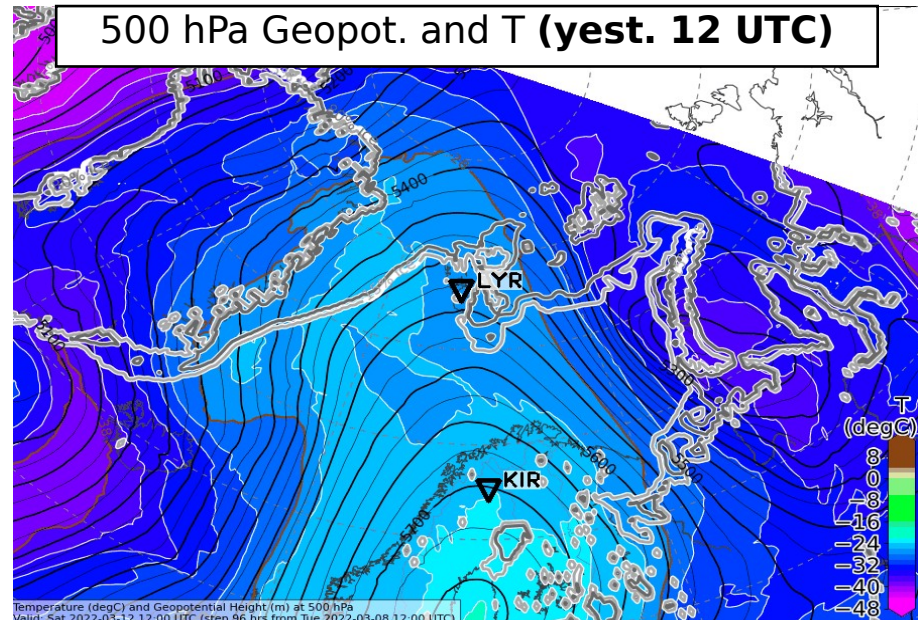


# Sat, 2022-03-12 12 UTC (+84h)

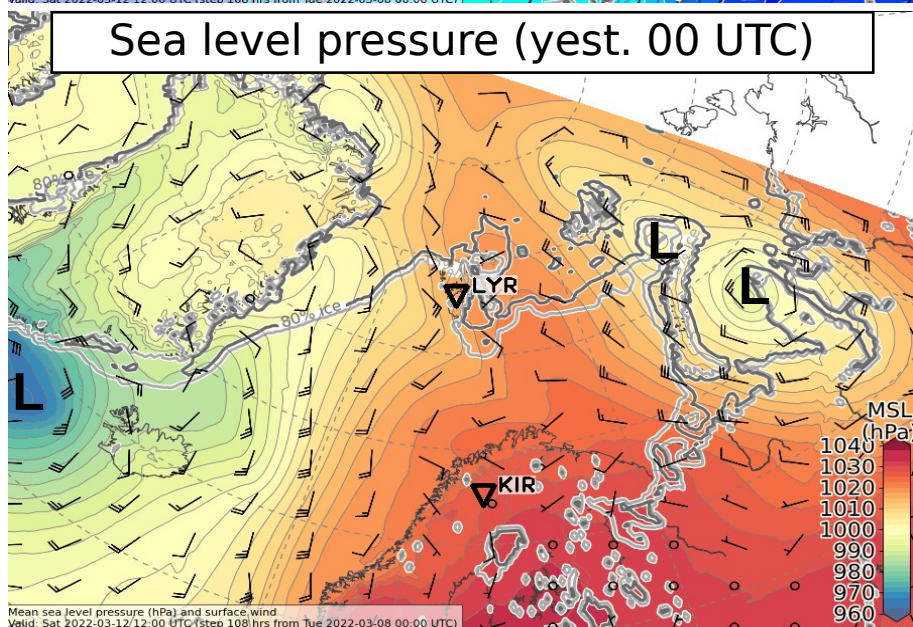
## 500 hPa Geopot. and T (yest. 00 UTC)



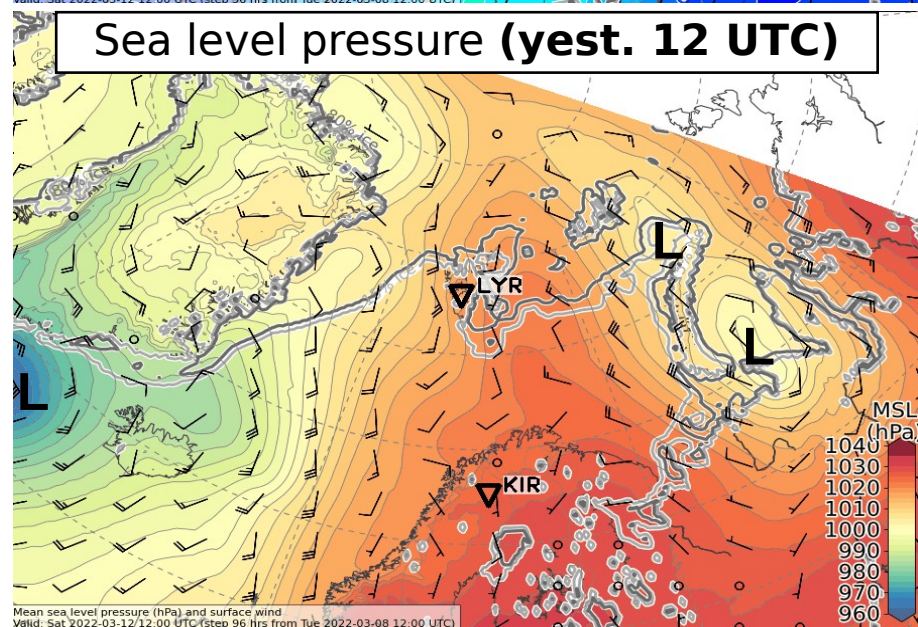
## 500 hPa Geopot. and T (yest. 12 UTC)



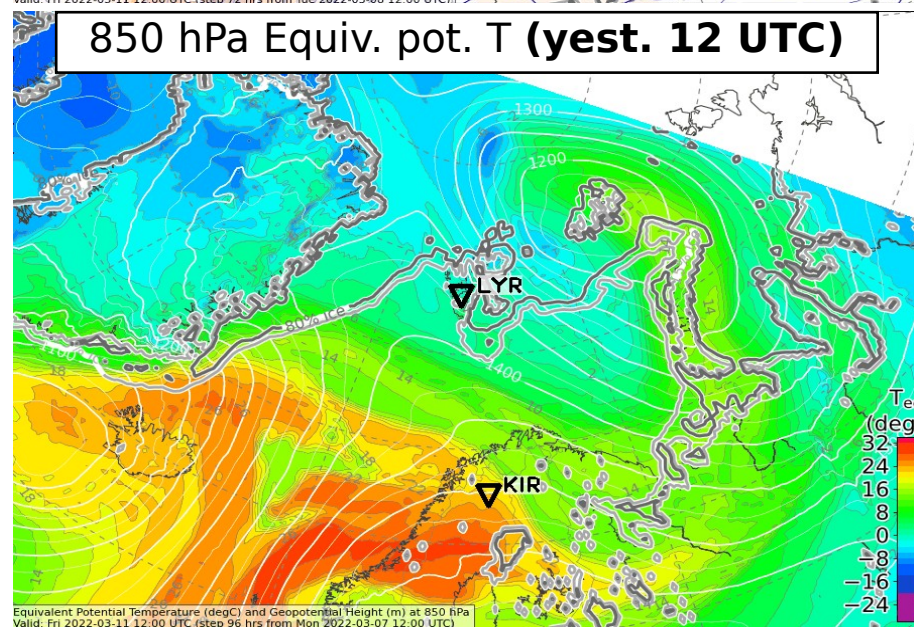
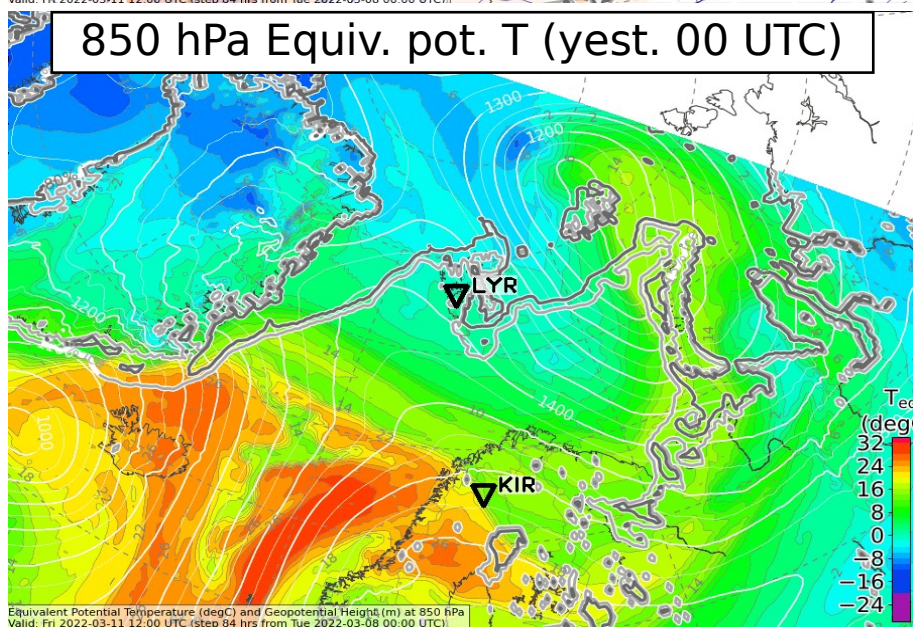
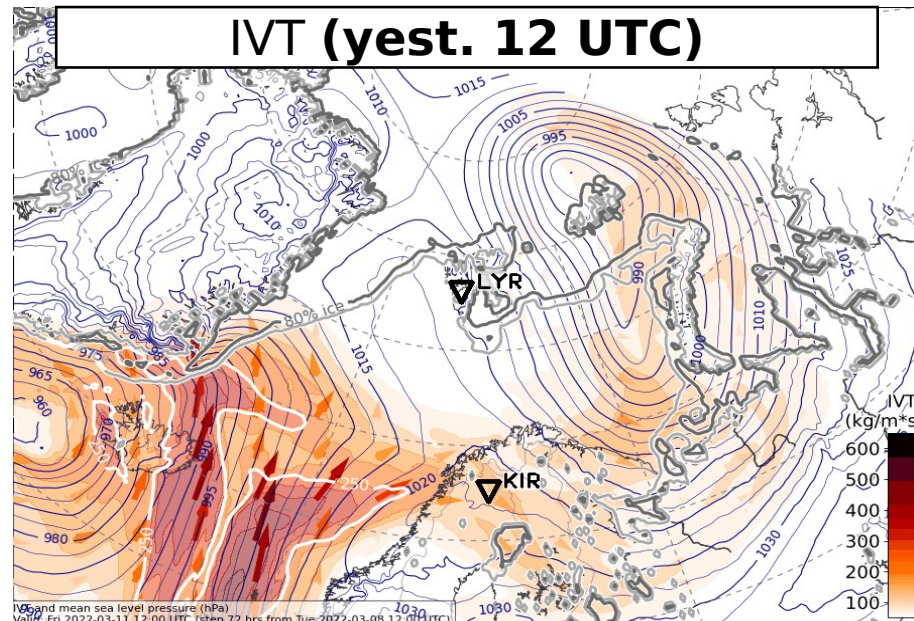
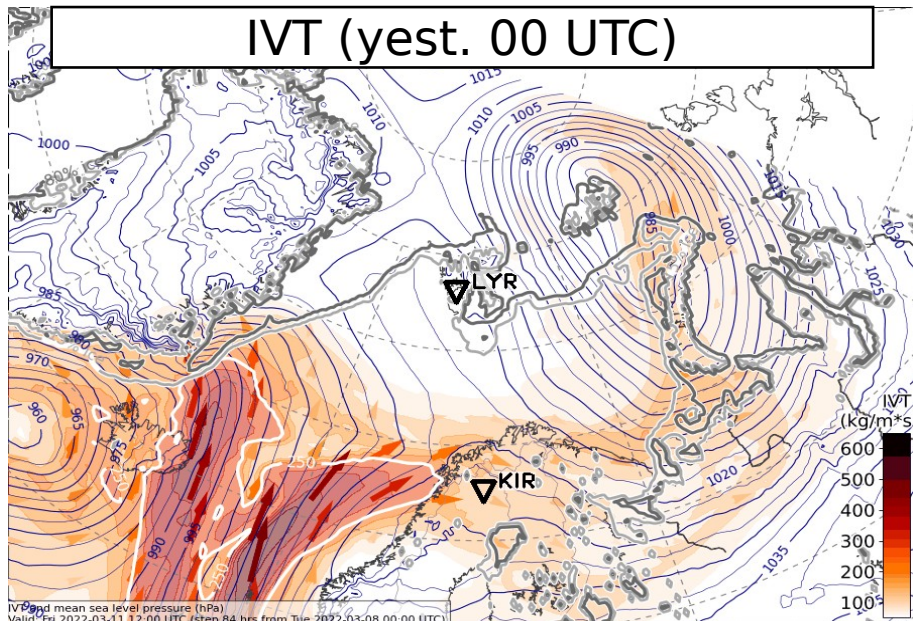
## Sea level pressure (yest. 00 UTC)



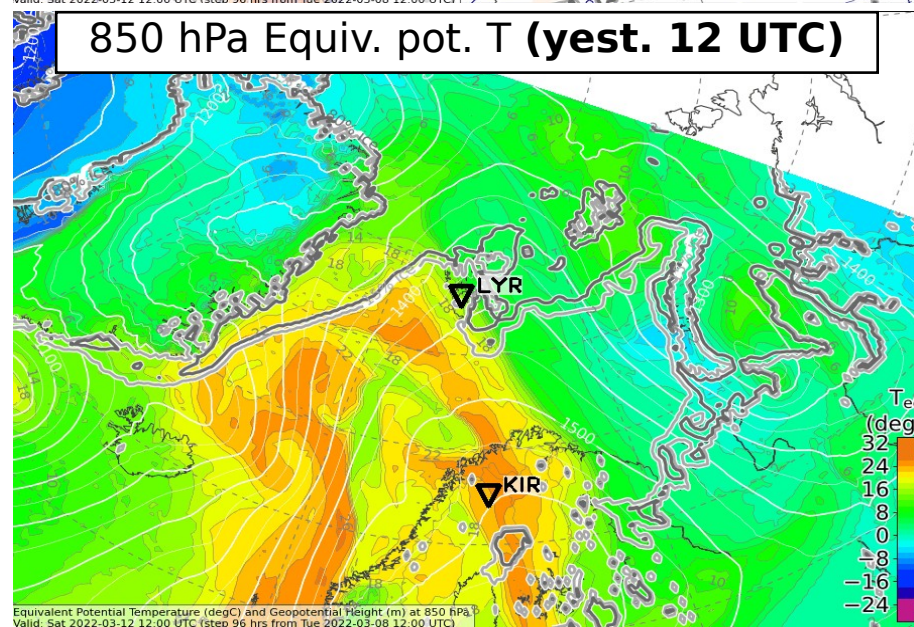
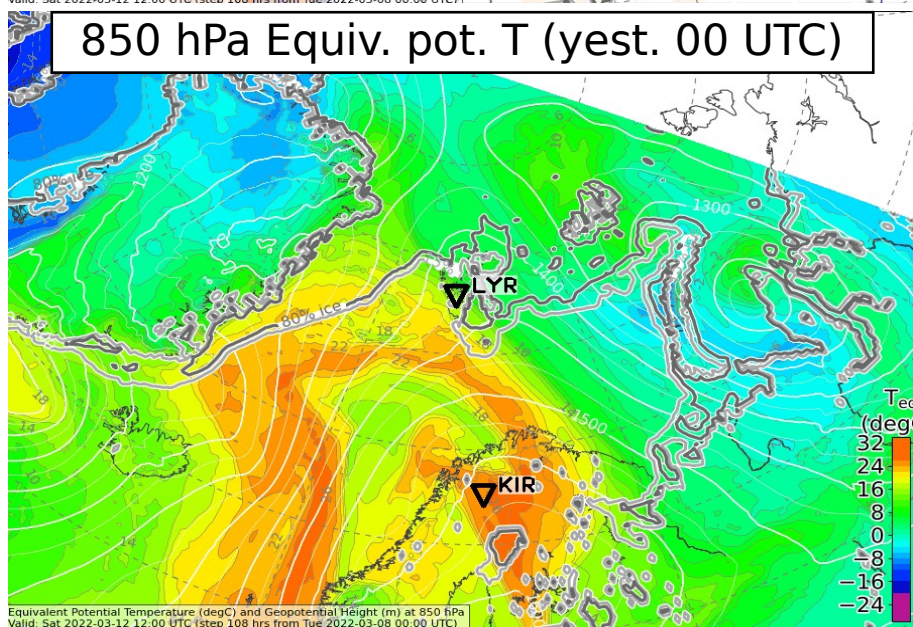
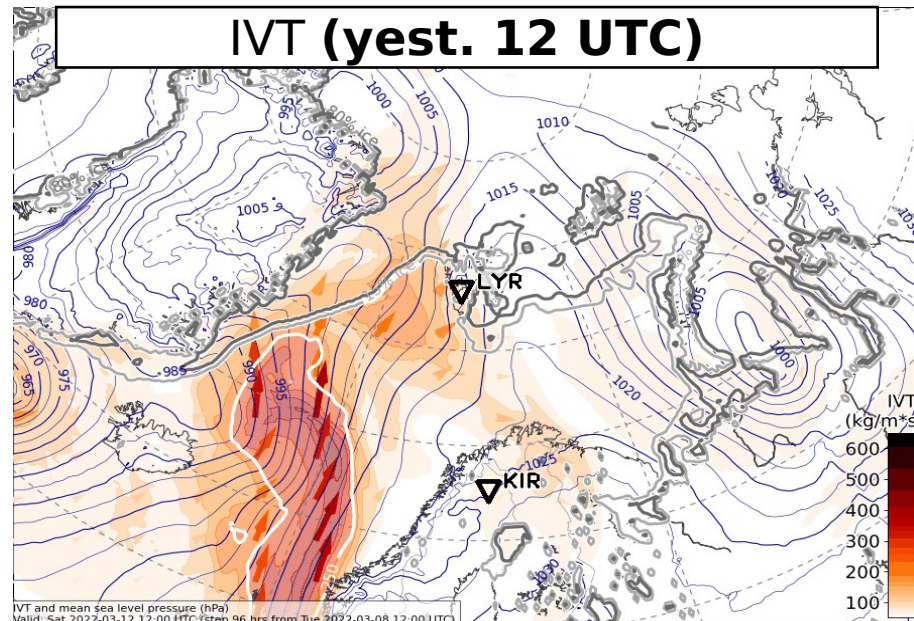
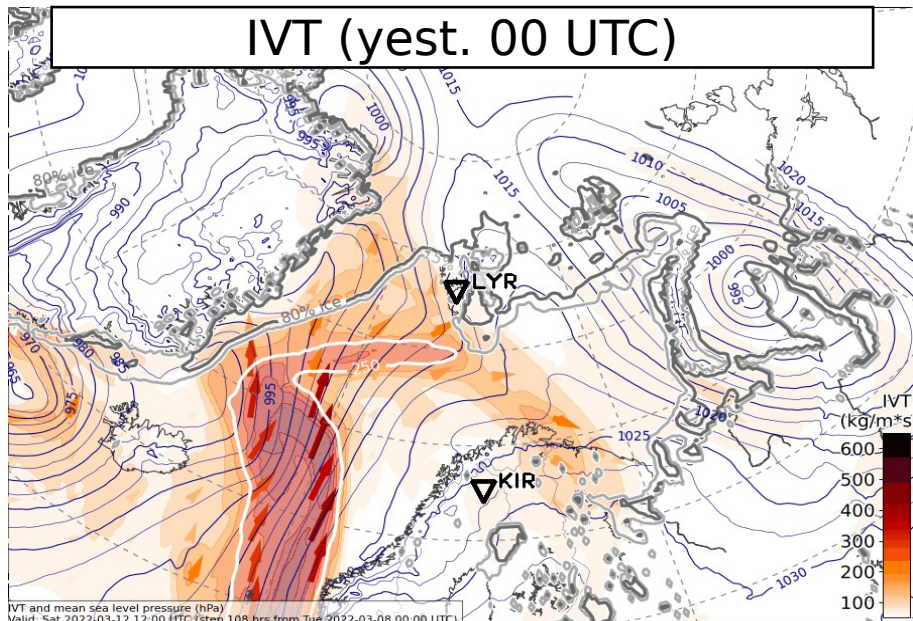
## Sea level pressure (yest. 12 UTC)



Fri, 2022-03-11 12 UTC (+60h)



# Sat, 2022-03-12 12 UTC (+84h)



## **Detailed outlook for Friday & Saturday**

2022-03-08 12 UTC: 72h - 108h

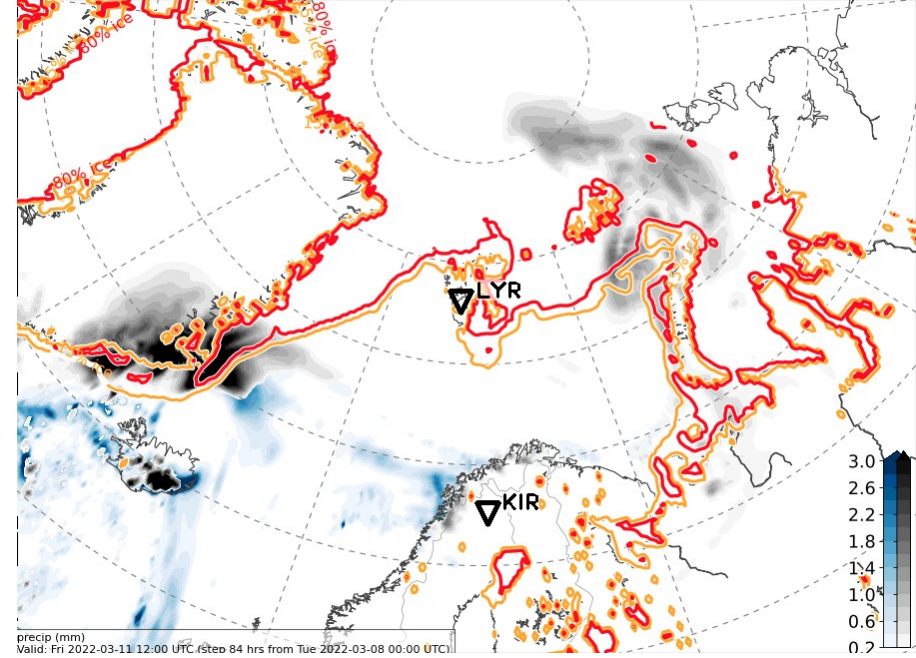
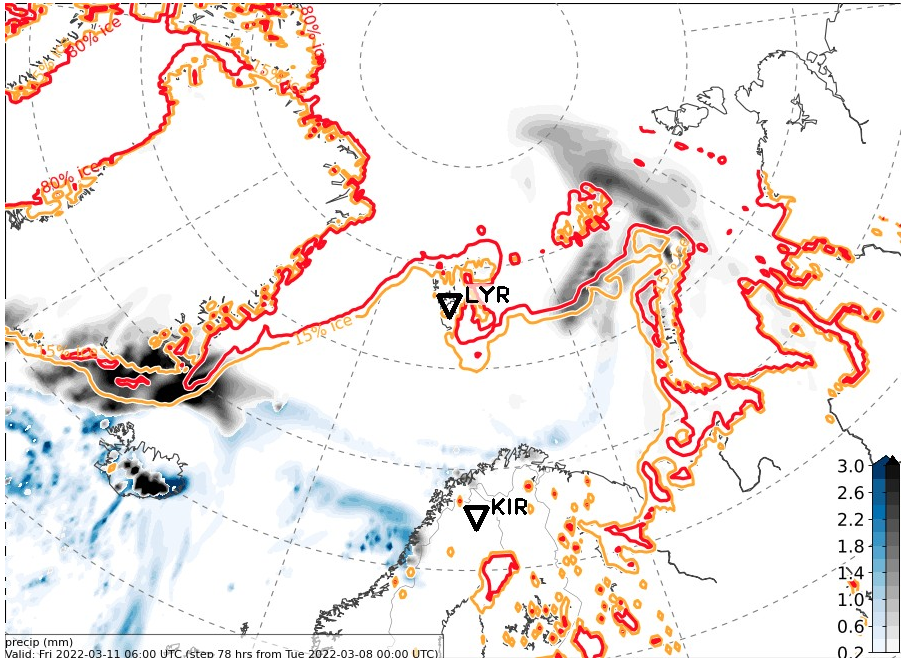
Precipitation (yest. 00 UTC),

Cloud cover & IVT (both yest 12 UTC)

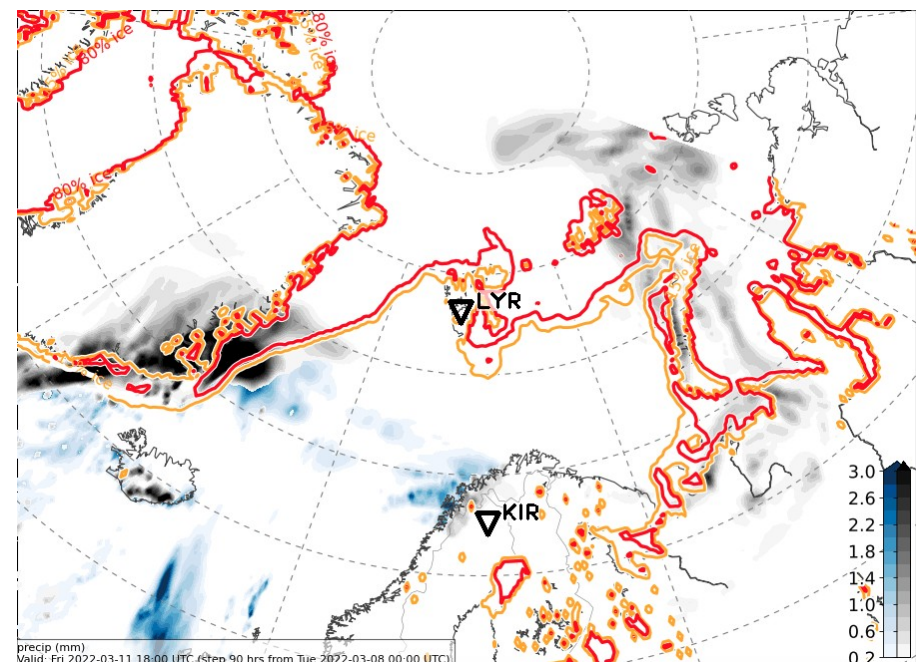
Prec, Fri, 2022-03-11

12 UTC

06 UTC



18 UTC

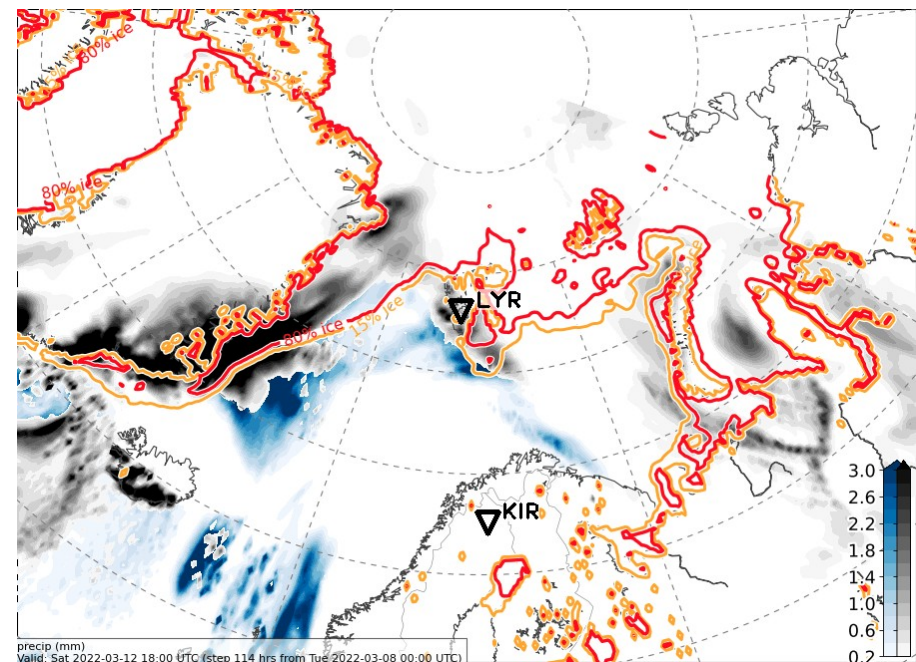
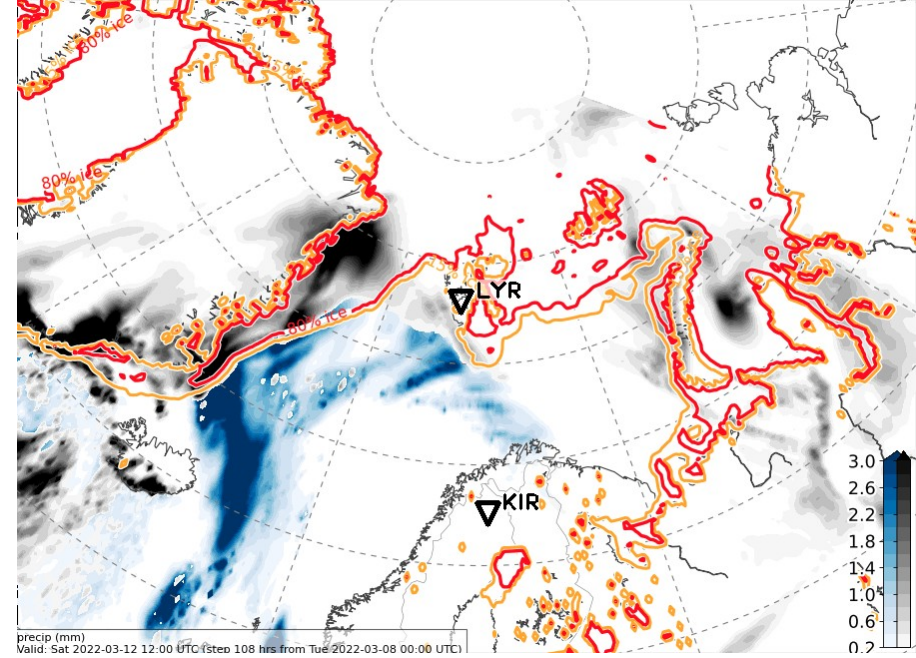
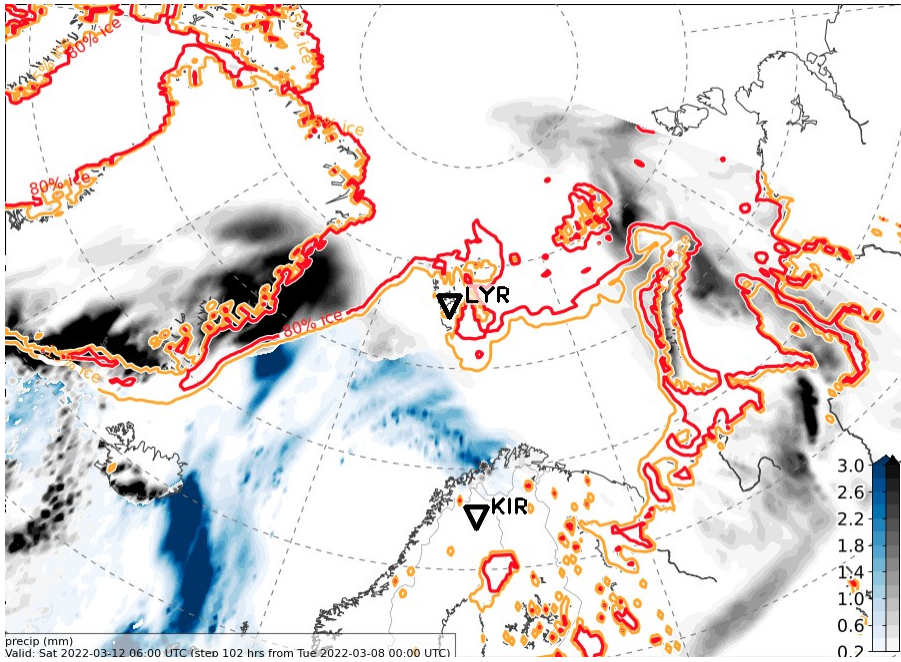




Prec, Sat, 2022-03-12

12 UTC

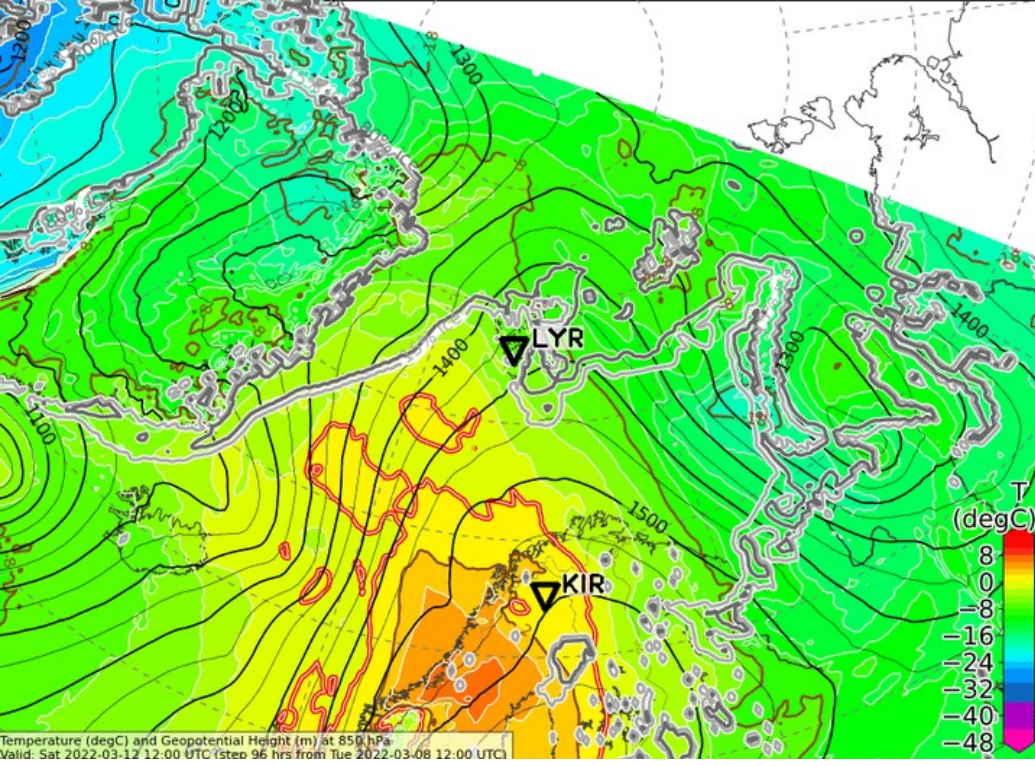
06 UTC



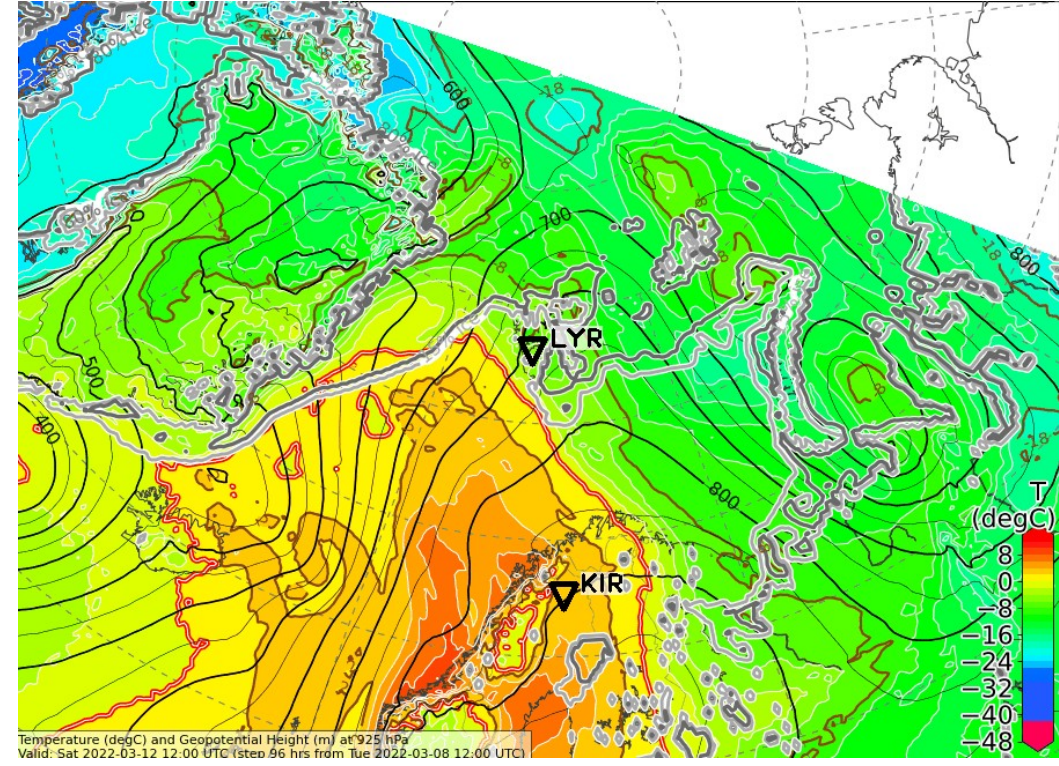
18 UTC

Sat, 2022-03-12 12 UTC

Geopot. 850 hPa & Temp.

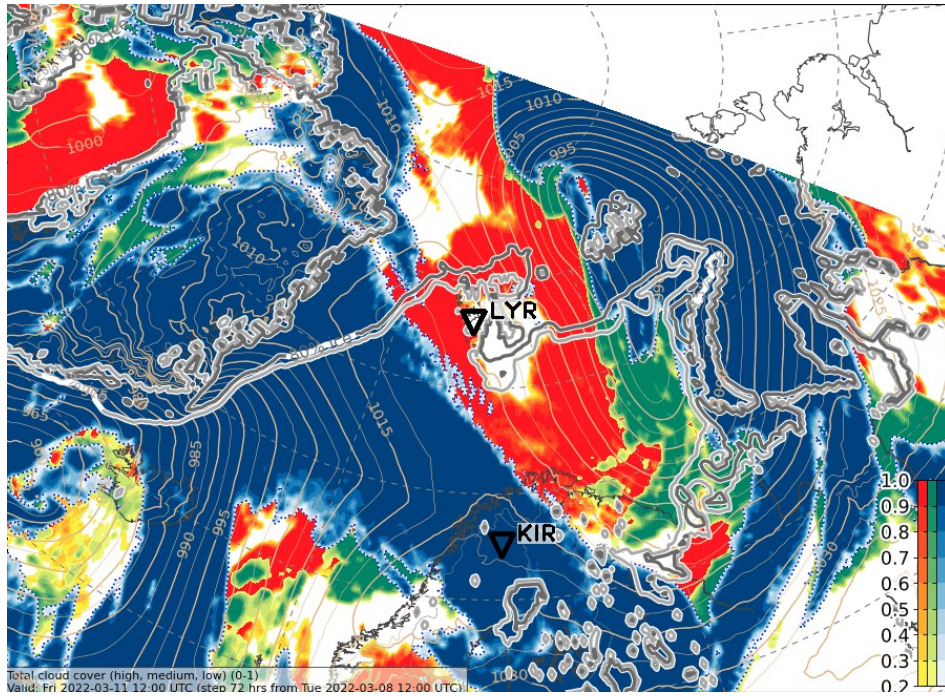


Geopot. 925 hPa & Temp.

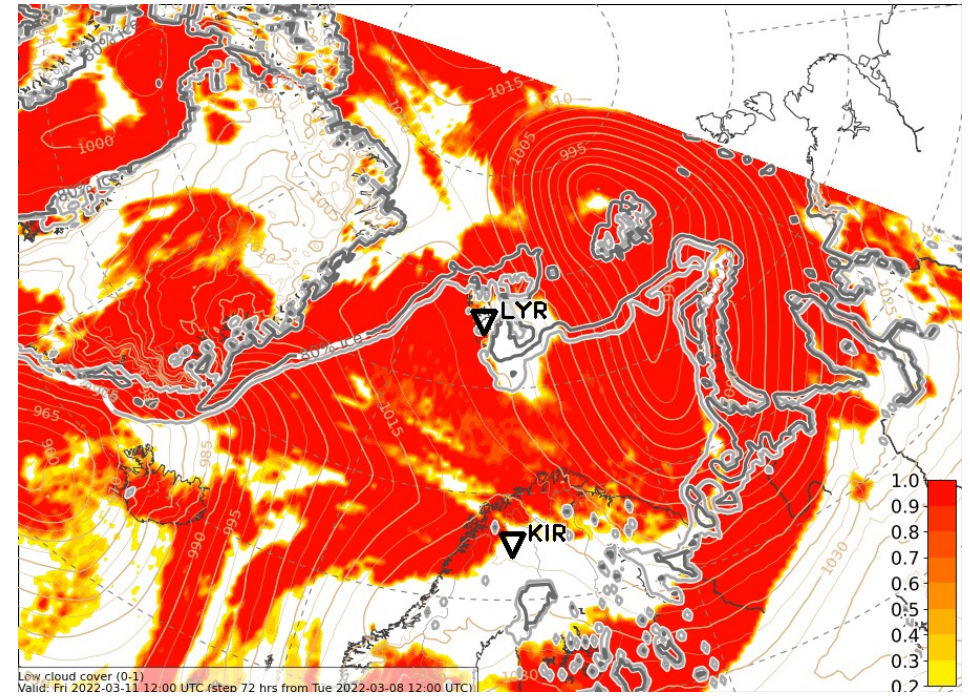


Fri, 2022-03-11 12 UTC (+72h)

ECMWF Total CC

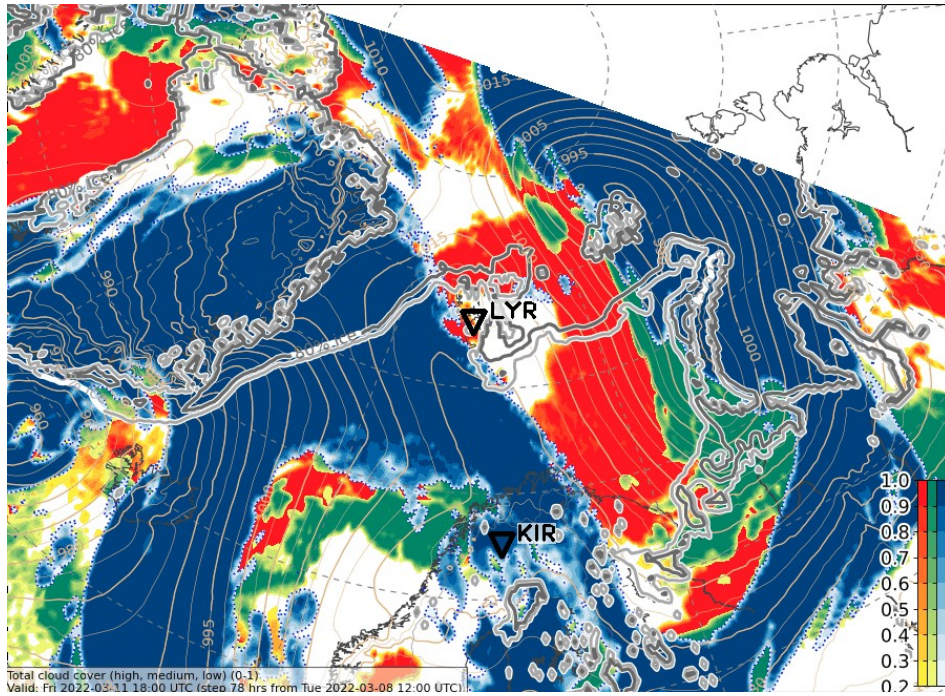


ECMWF Low CC

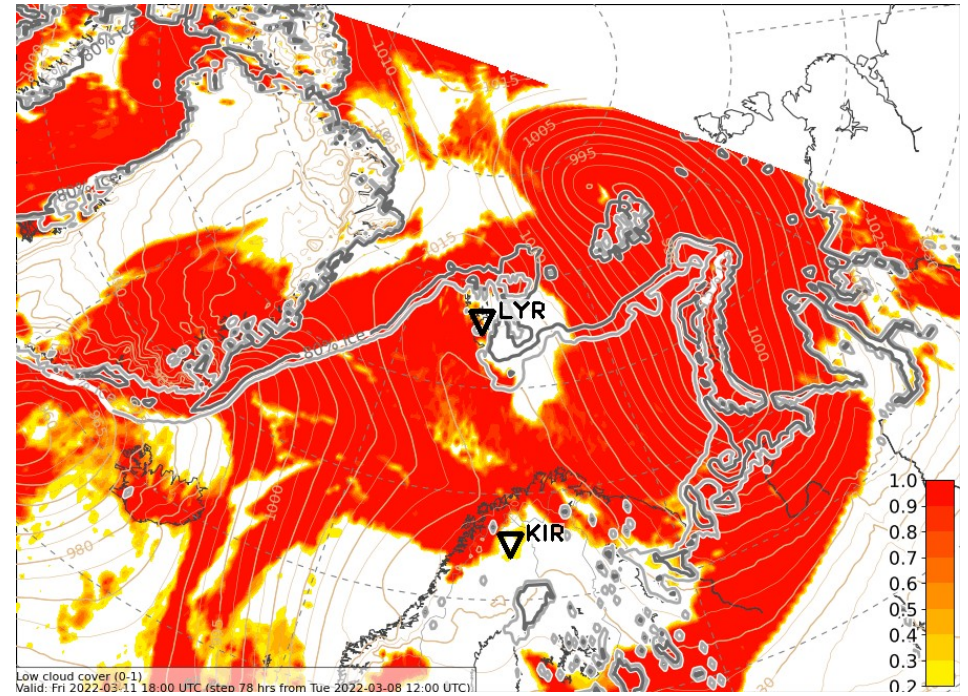


Fri, 2022-03-11 18 UTC (+78h)

ECMWF Total CC

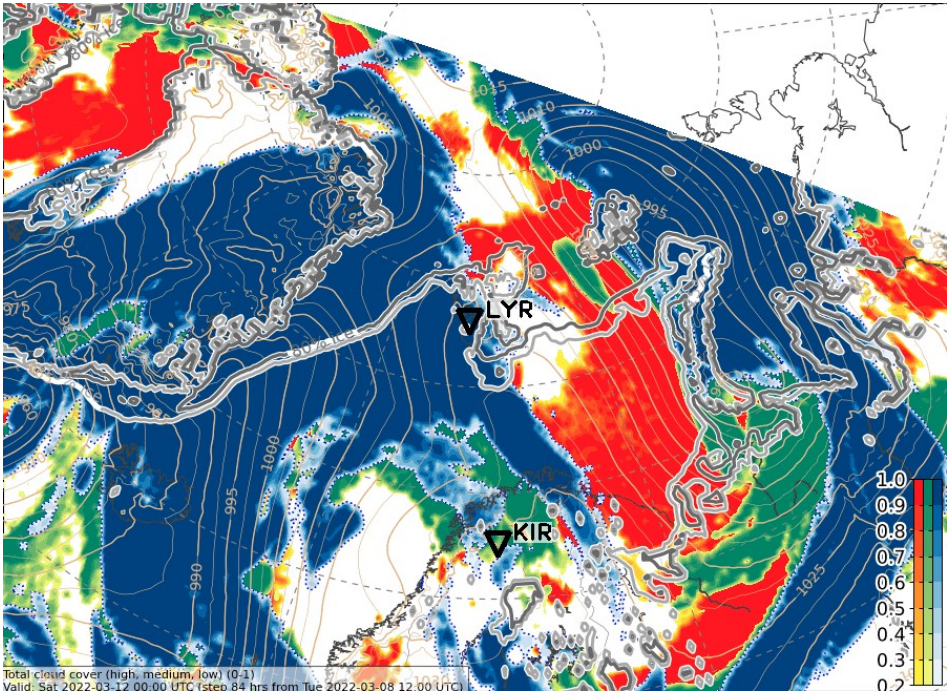


ECMWF Low CC

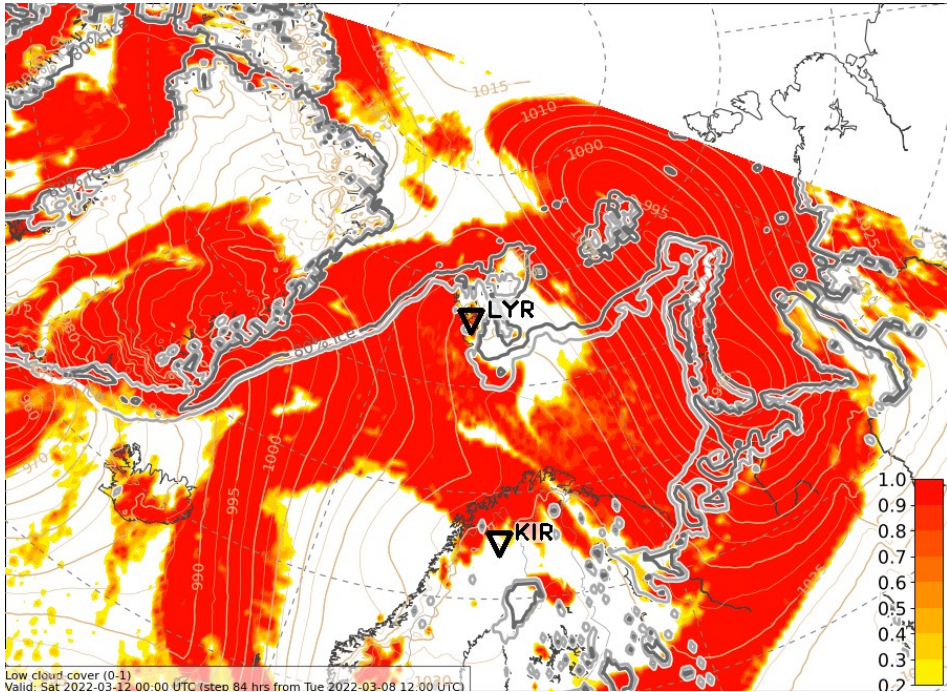


Sat, 2022-03-12 00 UTC (+84h)

ECMWF Total CC

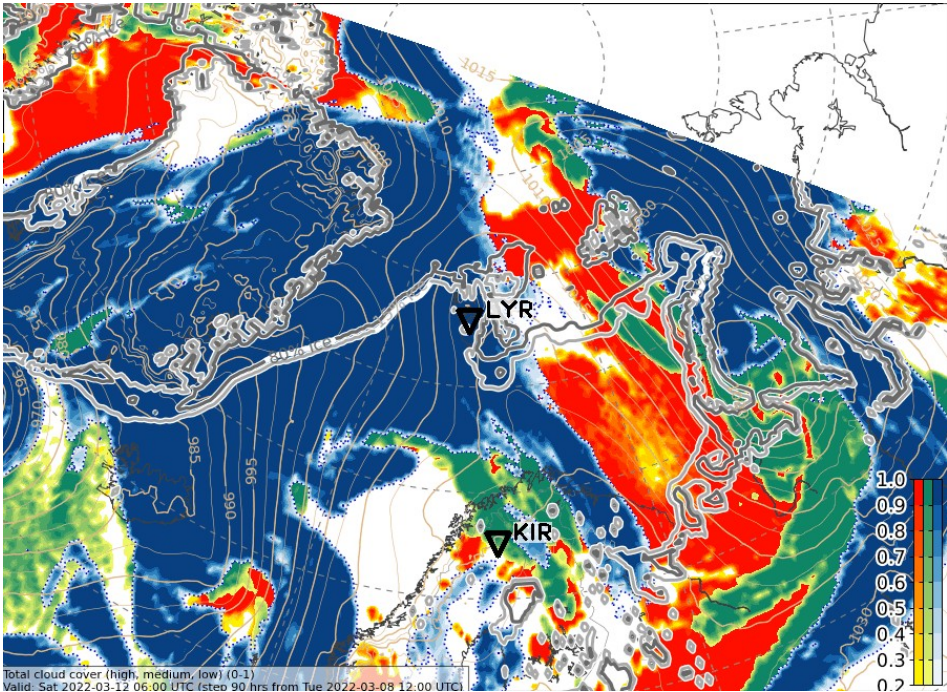


ECMWF Low CC

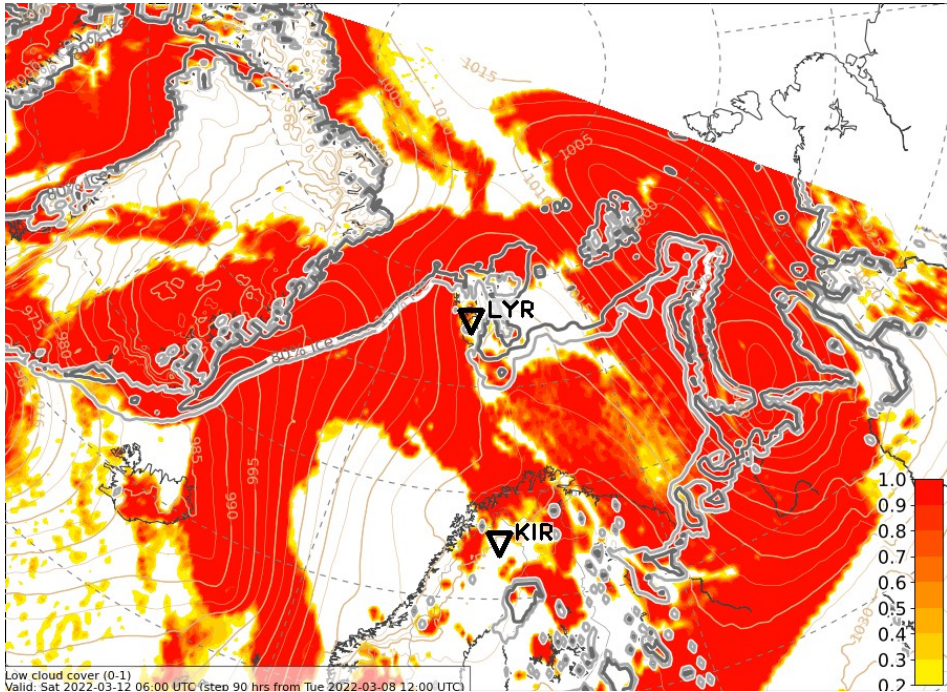


Sat, 2022-03-12 06 UTC (+90h)

ECMWF Total CC

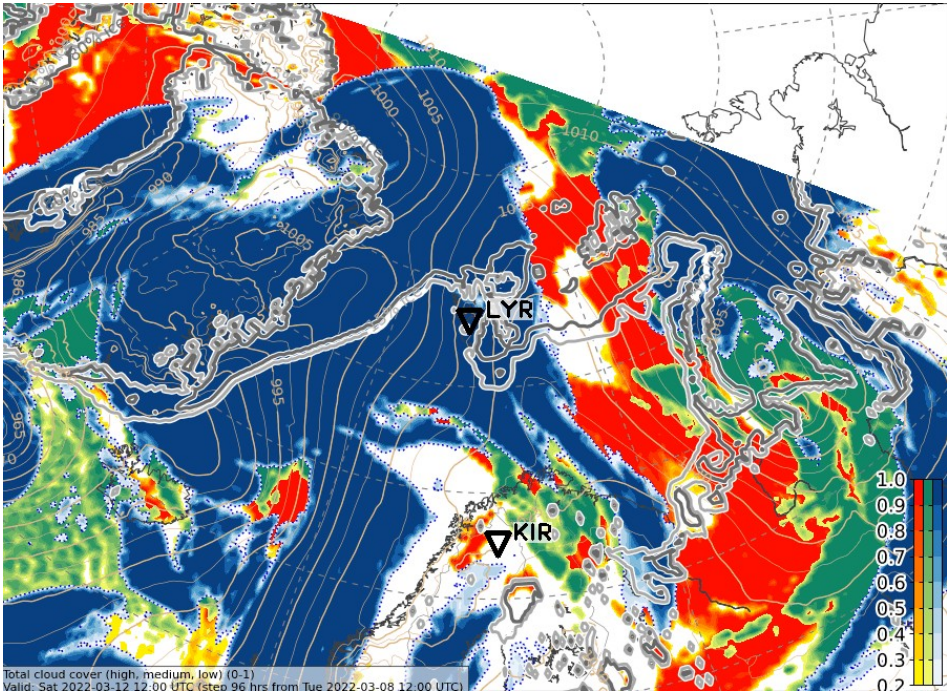


ECMWF Low CC

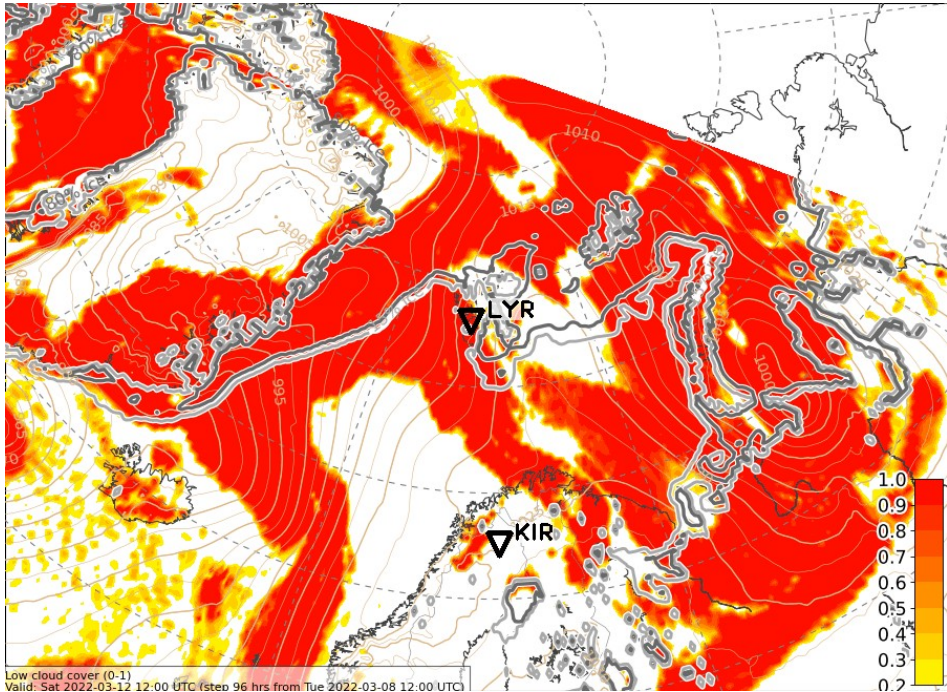


Sat, 2022-03-12 12 UTC (+96h)

ECMWF Total CC

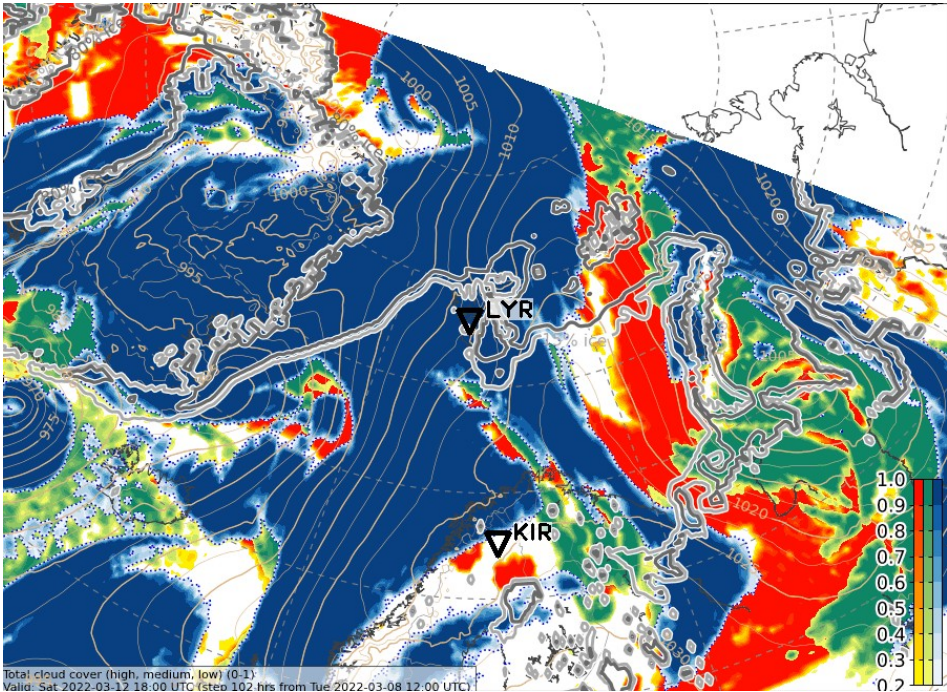


ECMWF Low CC

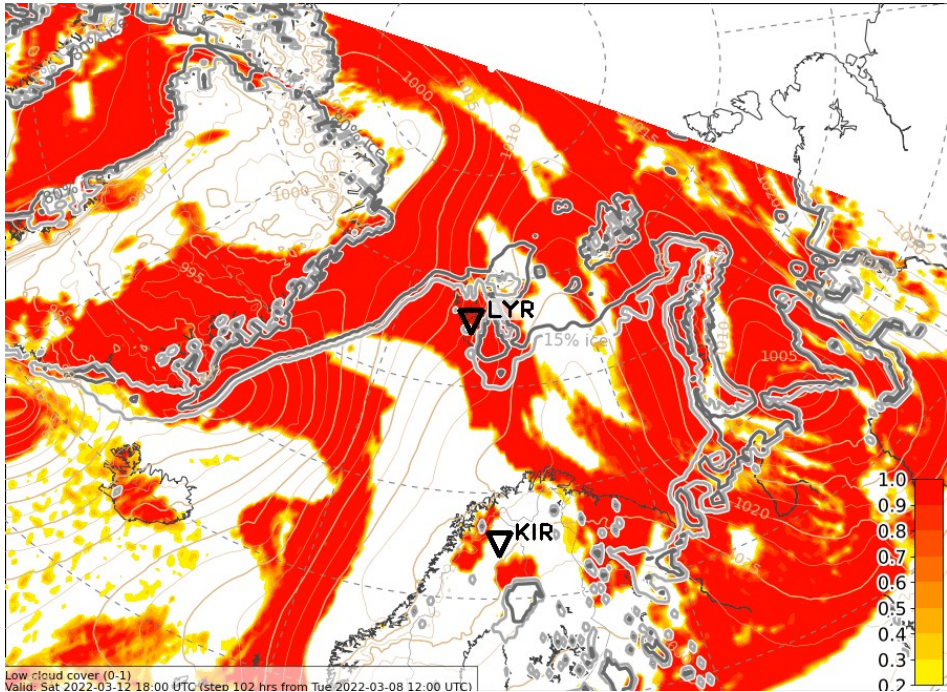


Sat, 2022-03-12 18 UTC (+102h)

ECMWF Total CC



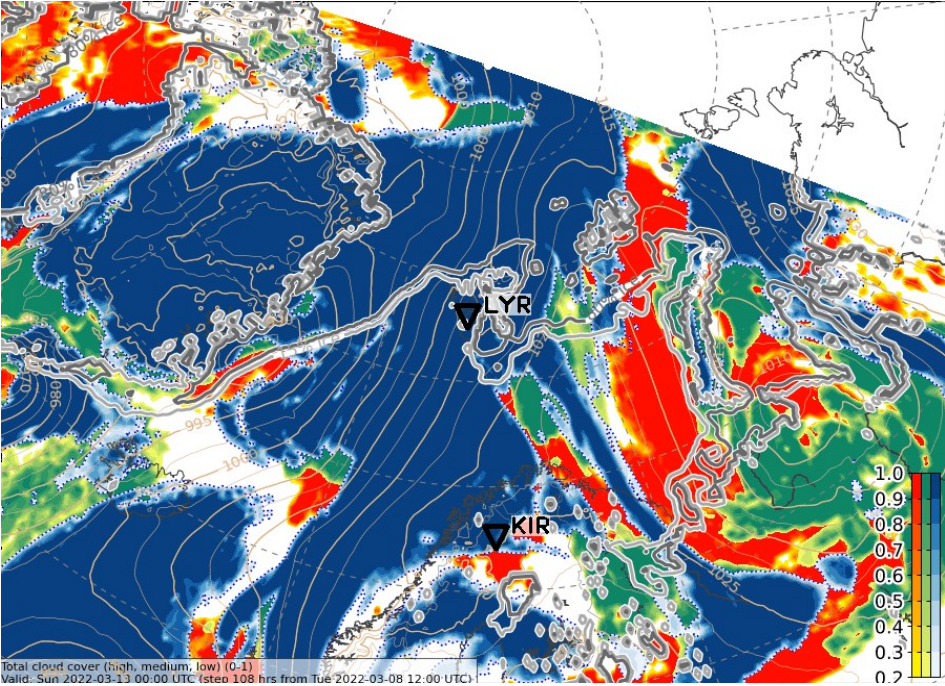
ECMWF Low CC



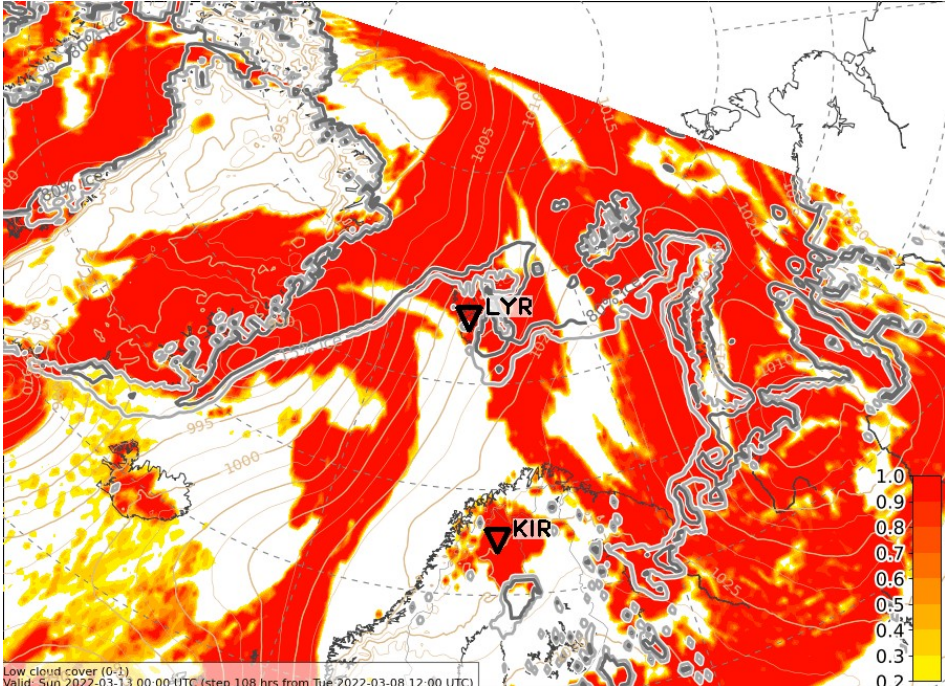


# Sun, 2022-03-13 00 UTC (+108h)

## ECMWF Total CC



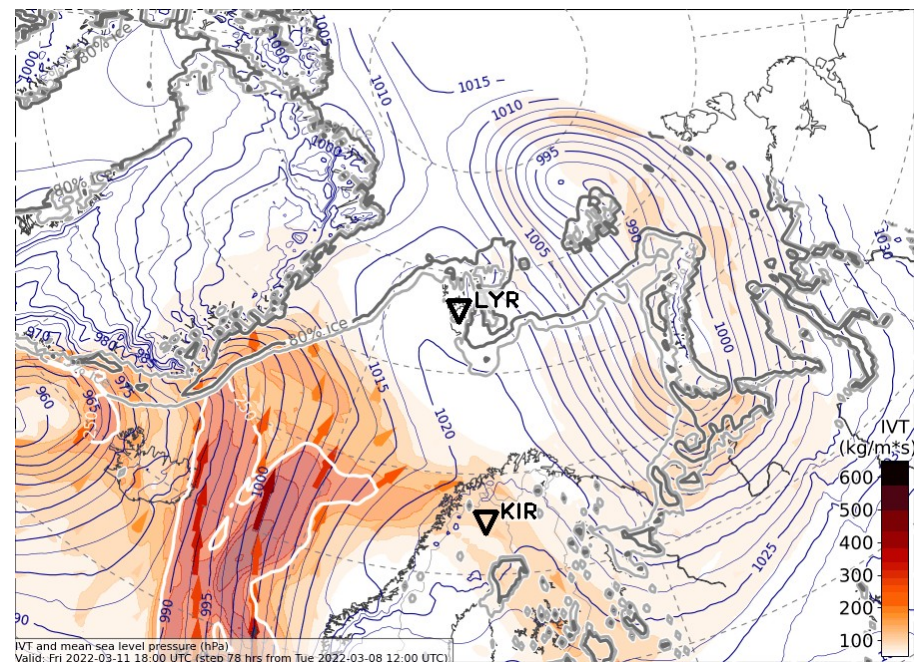
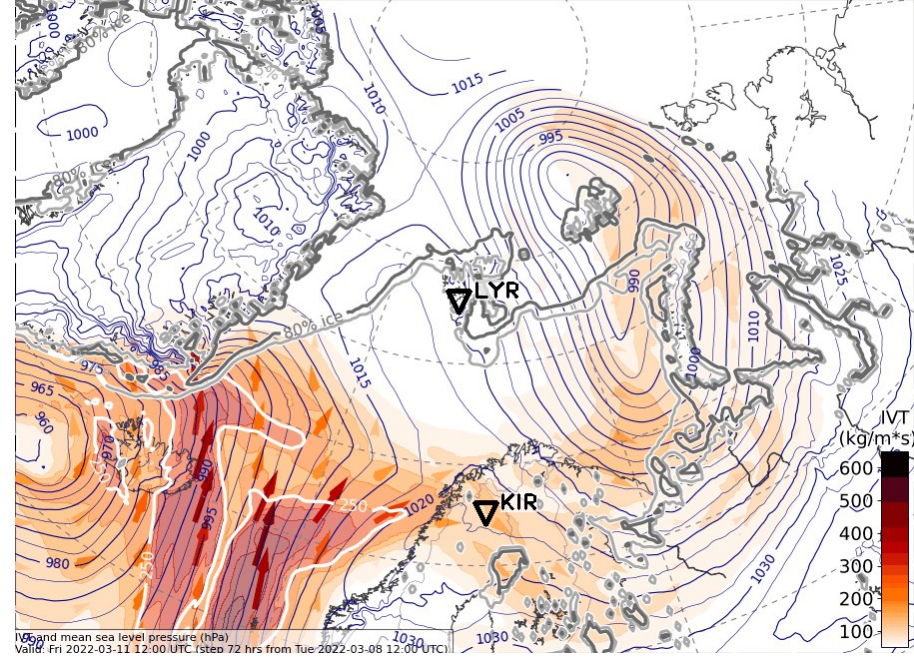
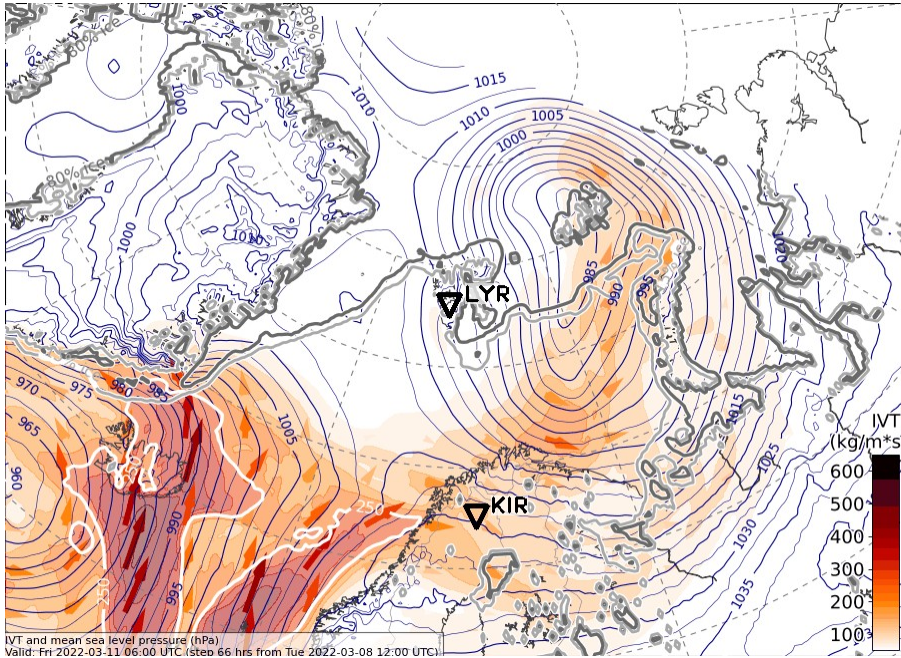
## ECMWF Low CC



# IVT, Fri, 2022-03-12

12  
UTC

06 UTC

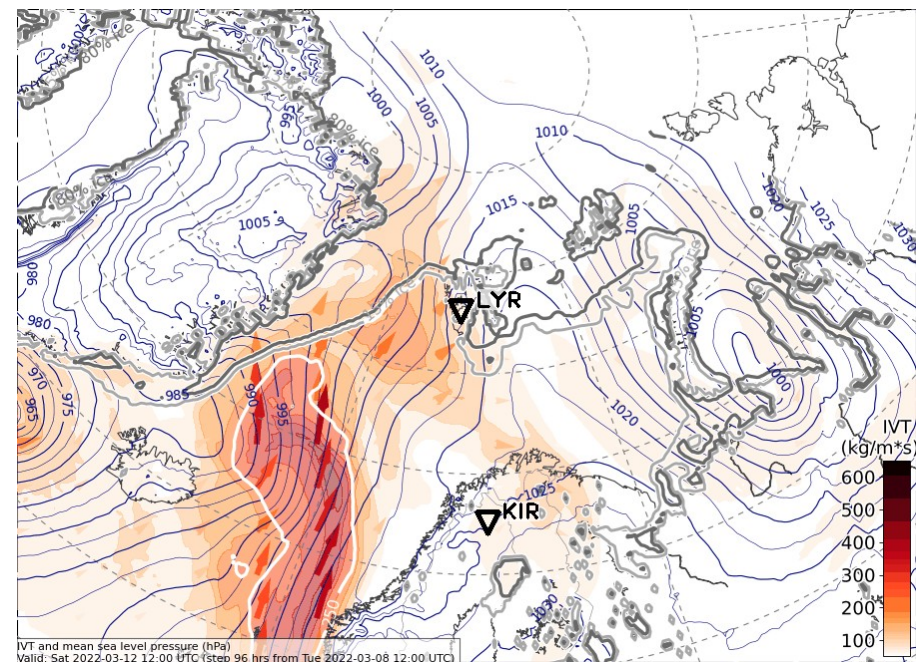
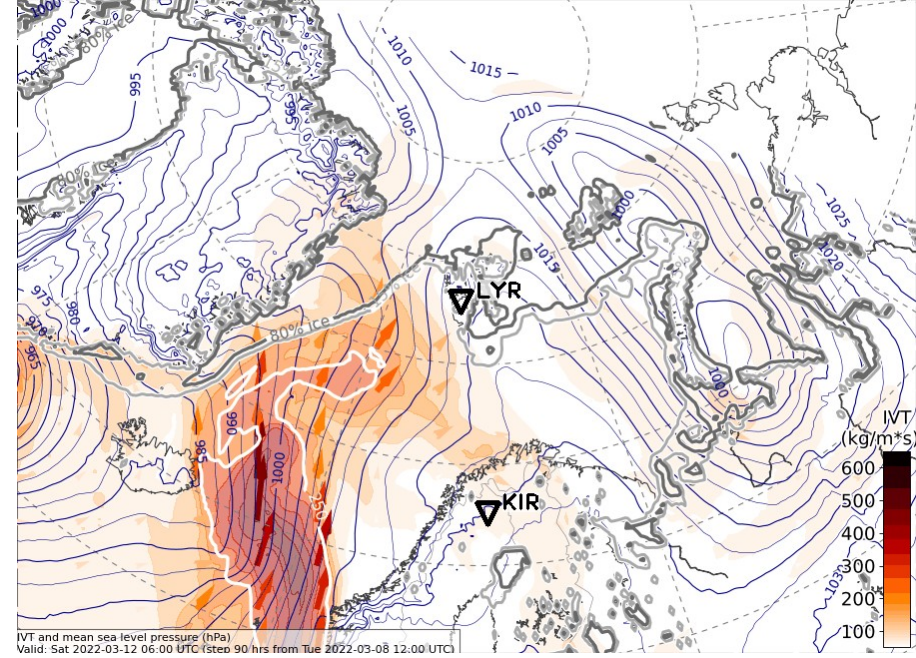
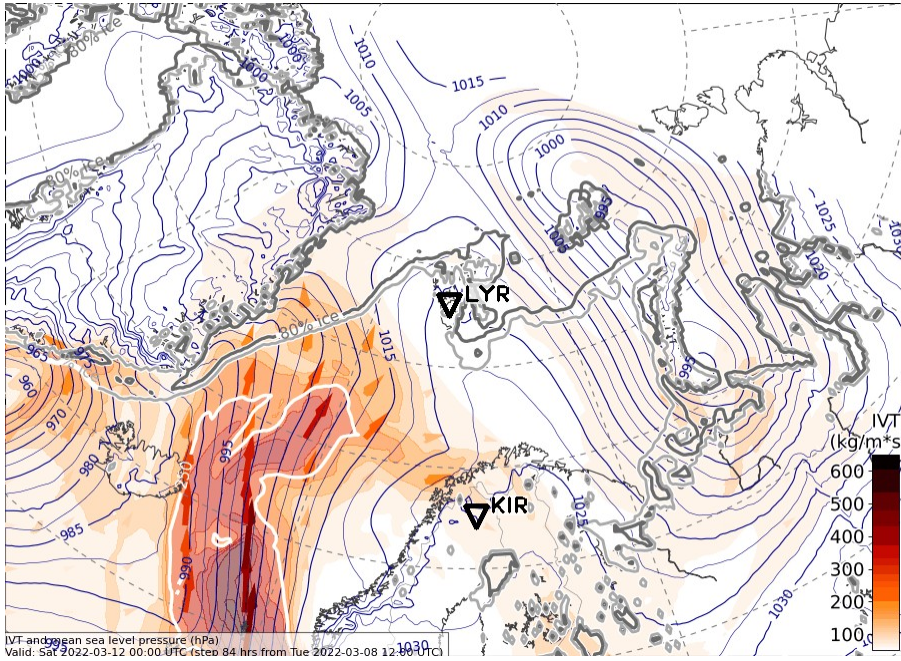


18  
UTC

# IVT, Sat, 2022-03-12

06  
UTC

00 UTC

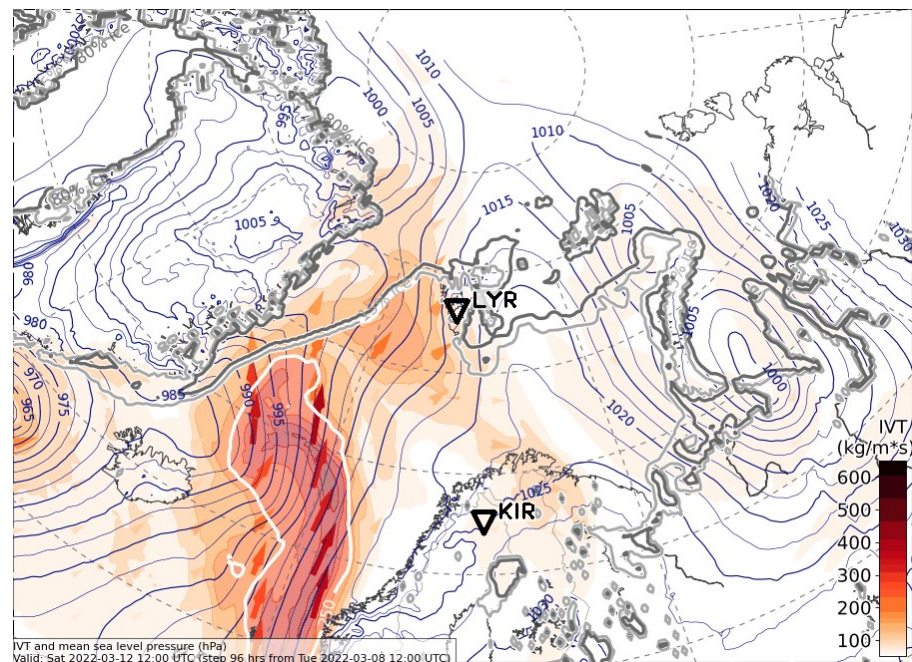
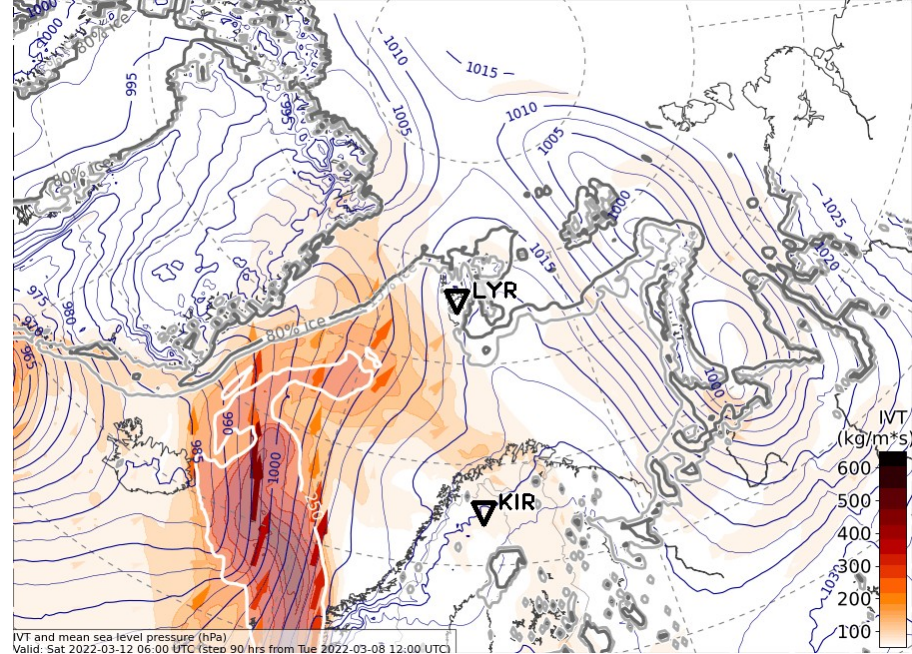
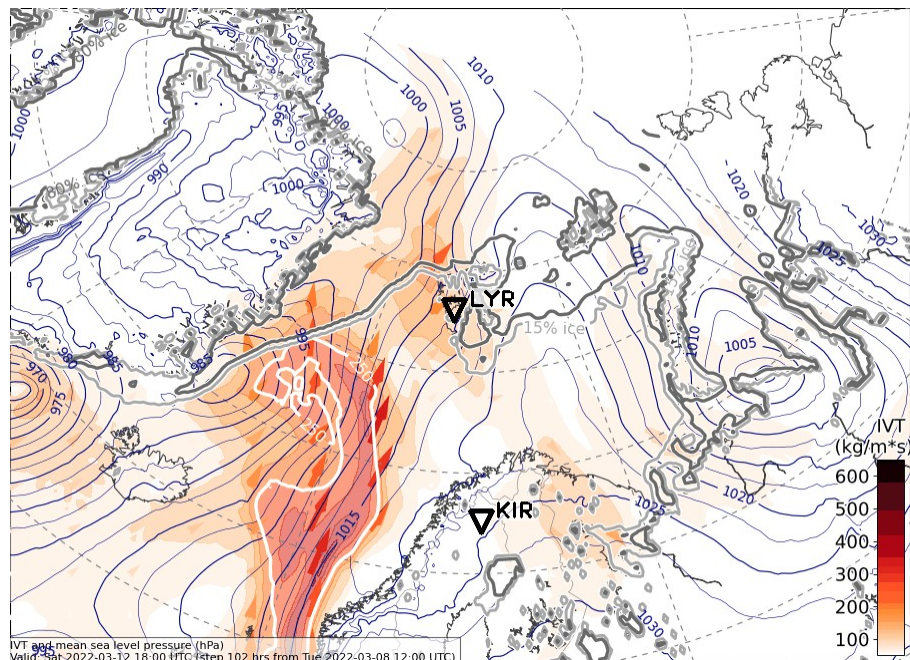


12  
UTC

# IVT, Sat, 2022-03-12

06  
UTC

18 UTC



12  
UTC

# Summary

# Summary: Weather Update 2022-03-08, 09:00 LT

- **Friday, 2022-03-11:**

- Similar to yesterday 00 UTC forecast
- Warm and moist air intrusion
- One part into Fram strait towards sea ice and another one towards Barents Sea

- **Saturday, 2022-03-12:**

- IVT: slightly higher values over Fram Strait and slightly lower over Barents Sea compared to yesterday 00 UTC forecast
- Increased IVT values over sea ice reach even further North ( $>85^\circ$ )
- Strong precipitation along sea ice edge: rain & snow