

Weather update HALO-(AC)³

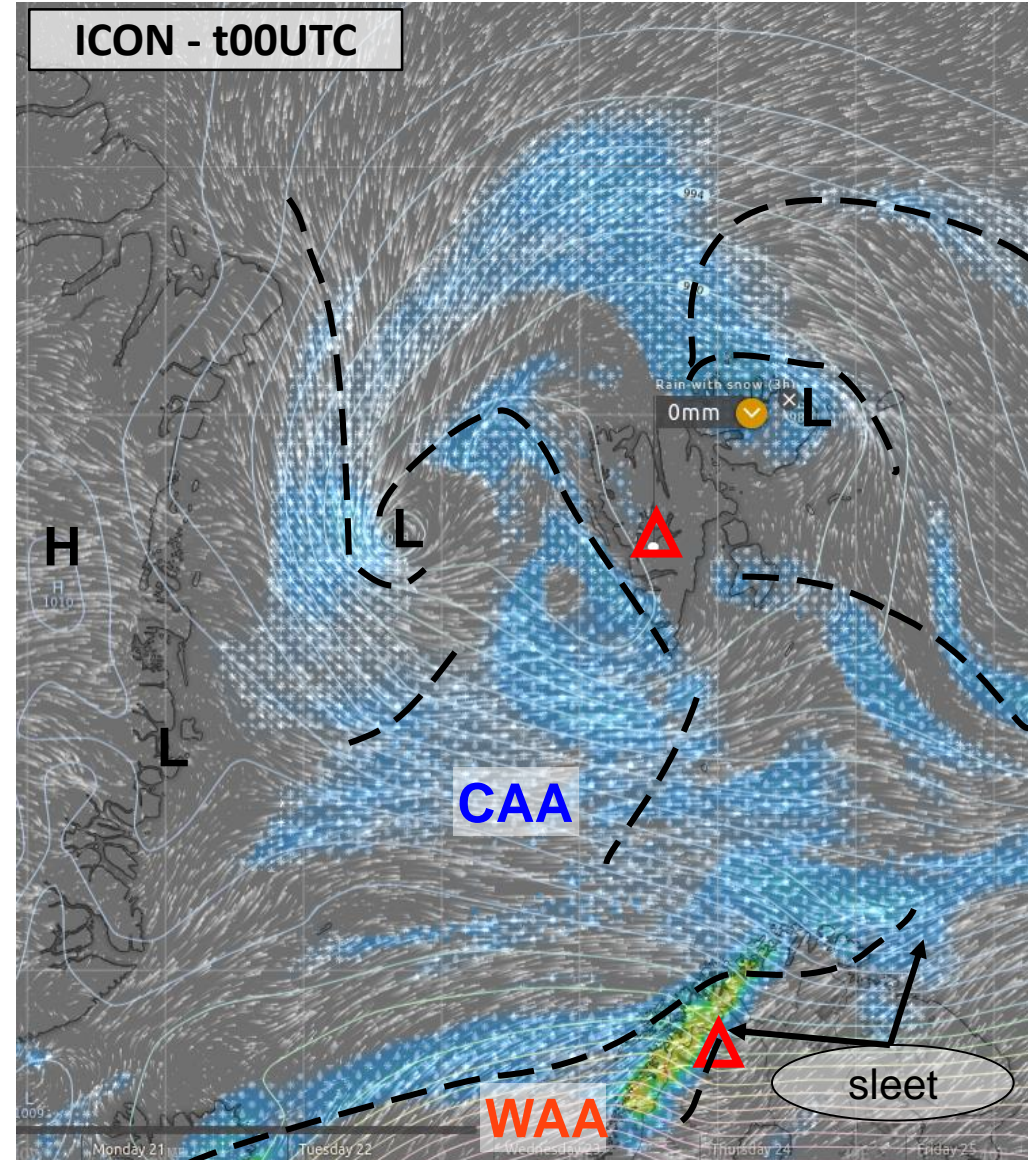
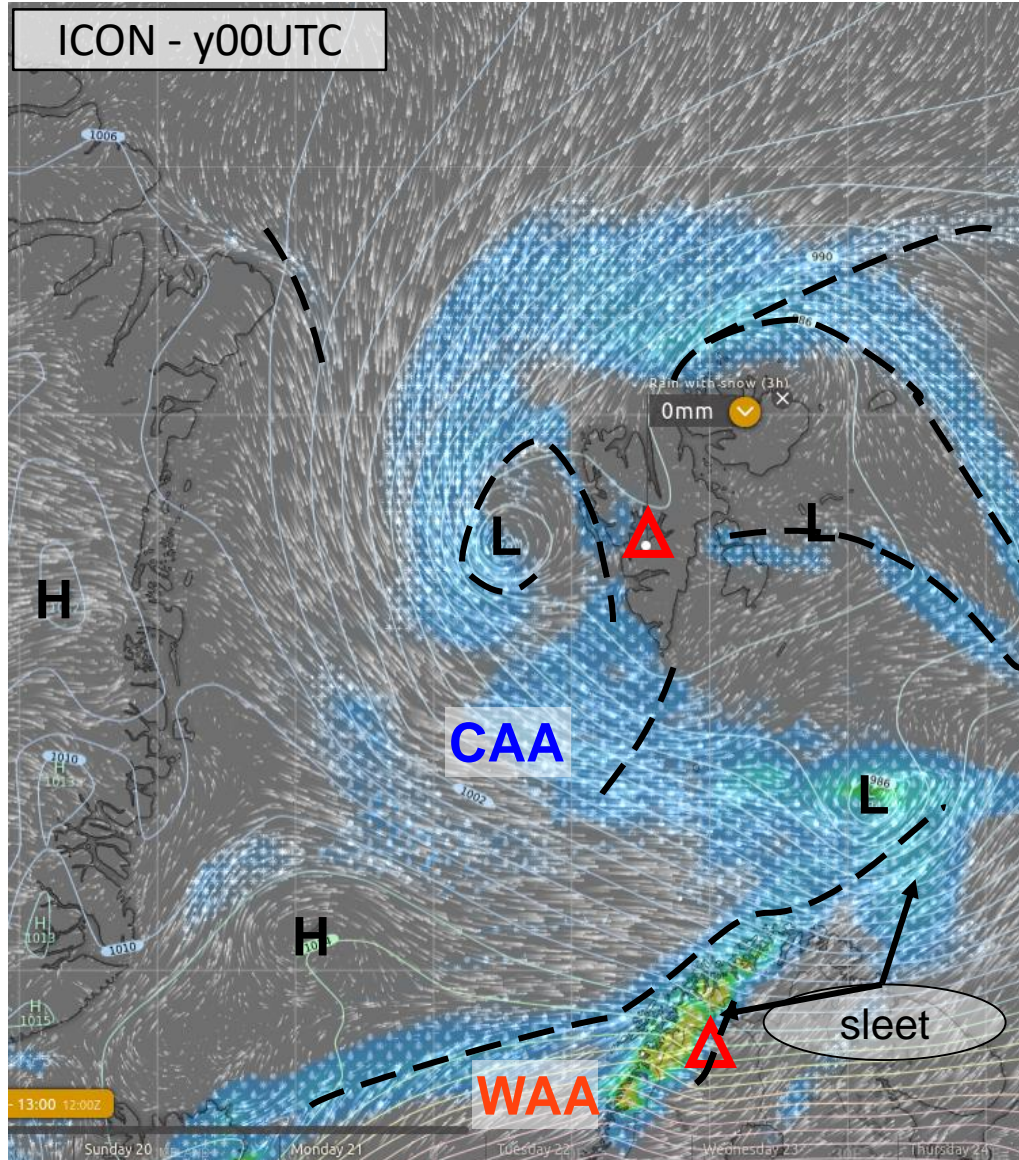
Thursday, 2022-03-18, 09:00 LT

Forecast comparison for Saturday, 2022-03-19
yesterday 00 UTC vs. yesterday 12 UTC/today 00 UTC
ECMWF & ICON

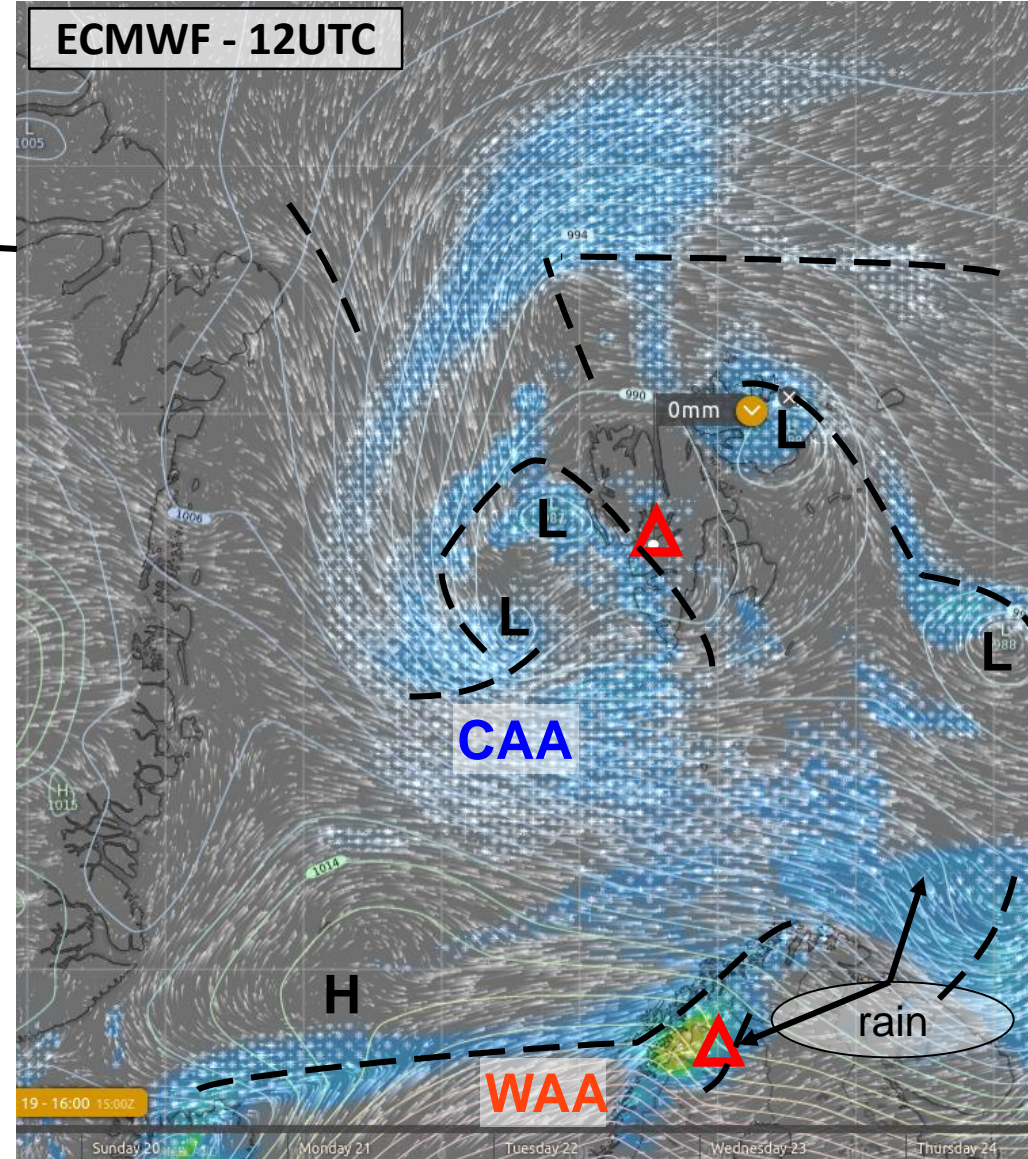
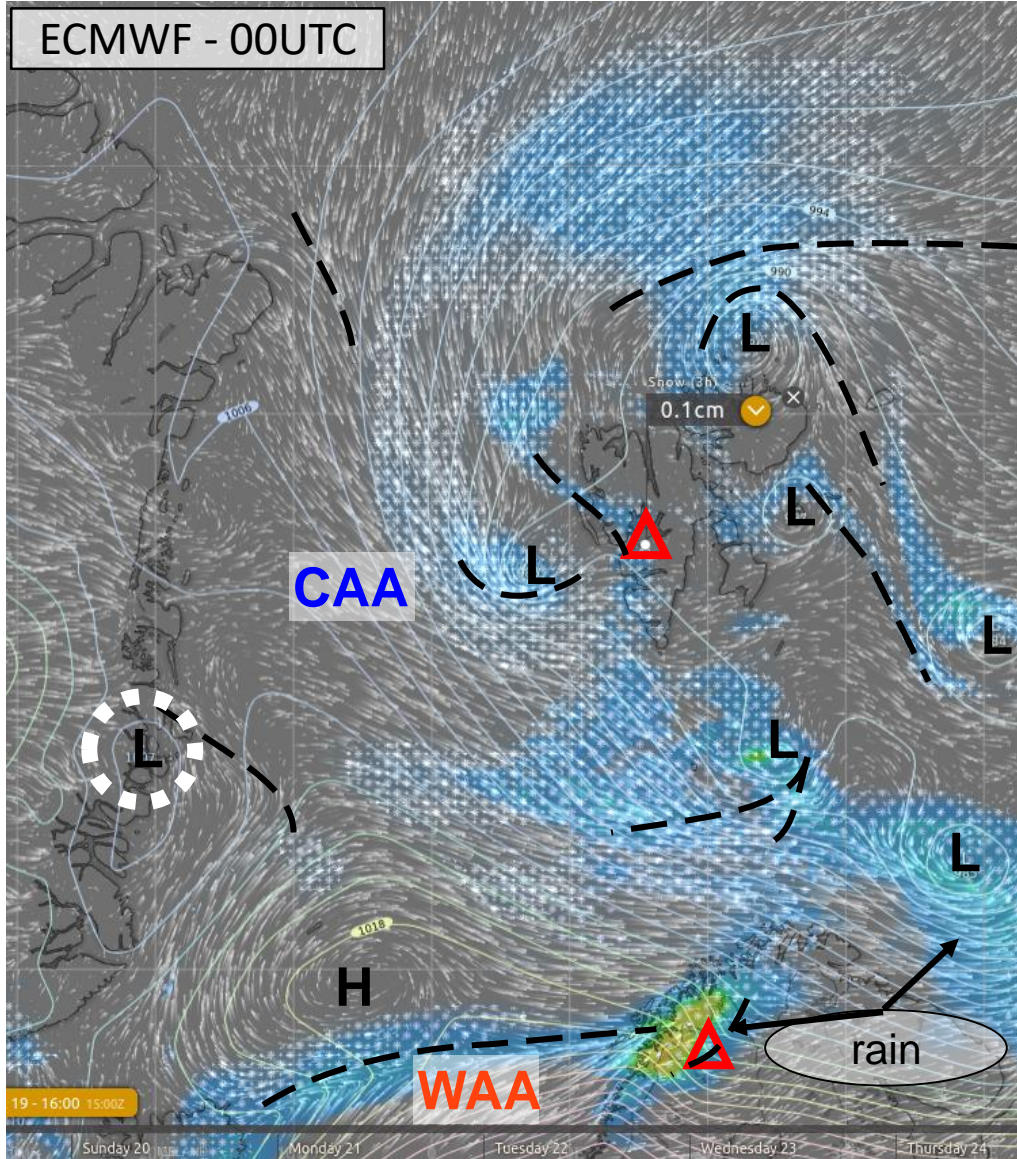
CAA: Cold Air Advection

WAA: Warm Air Advection

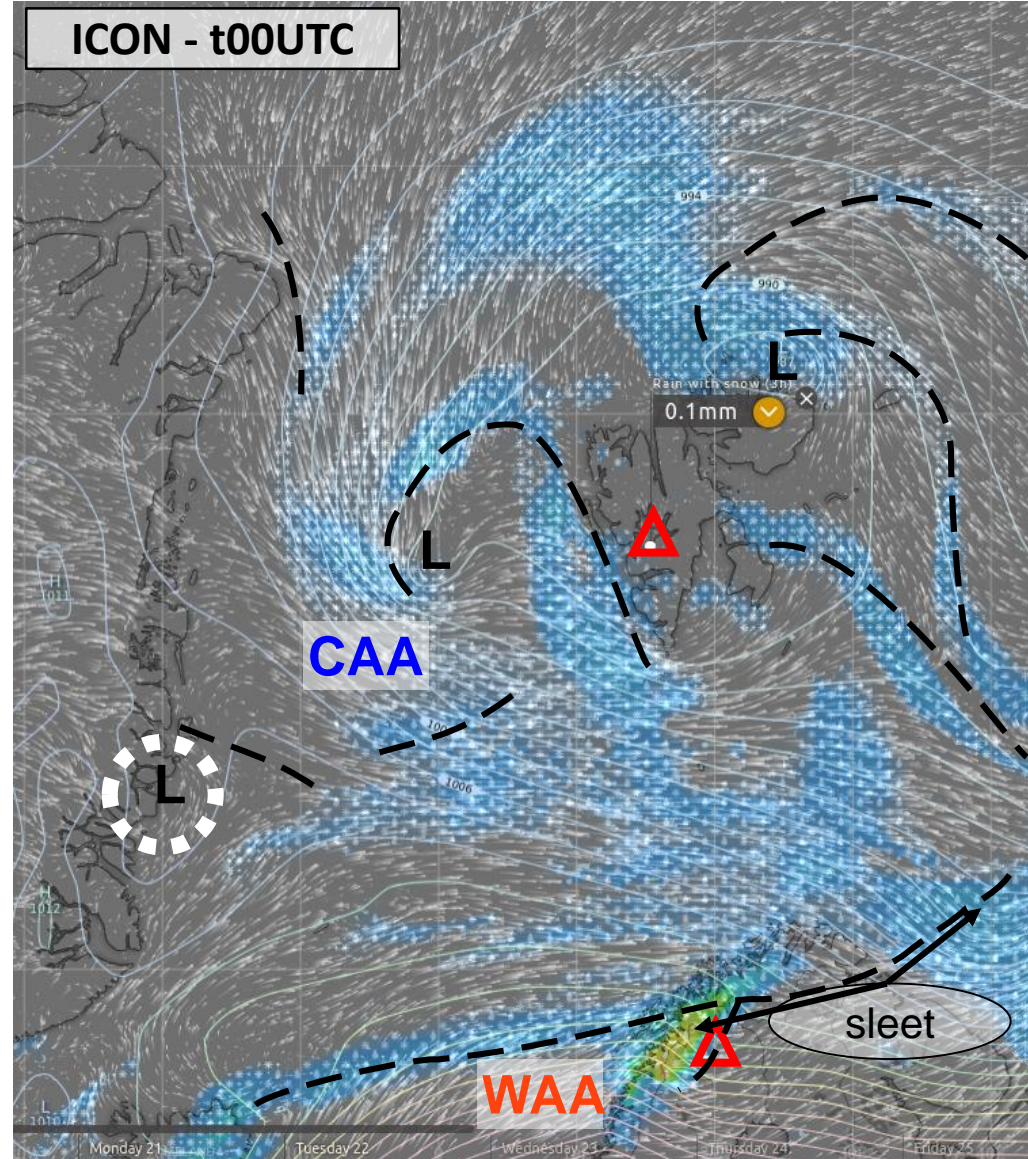
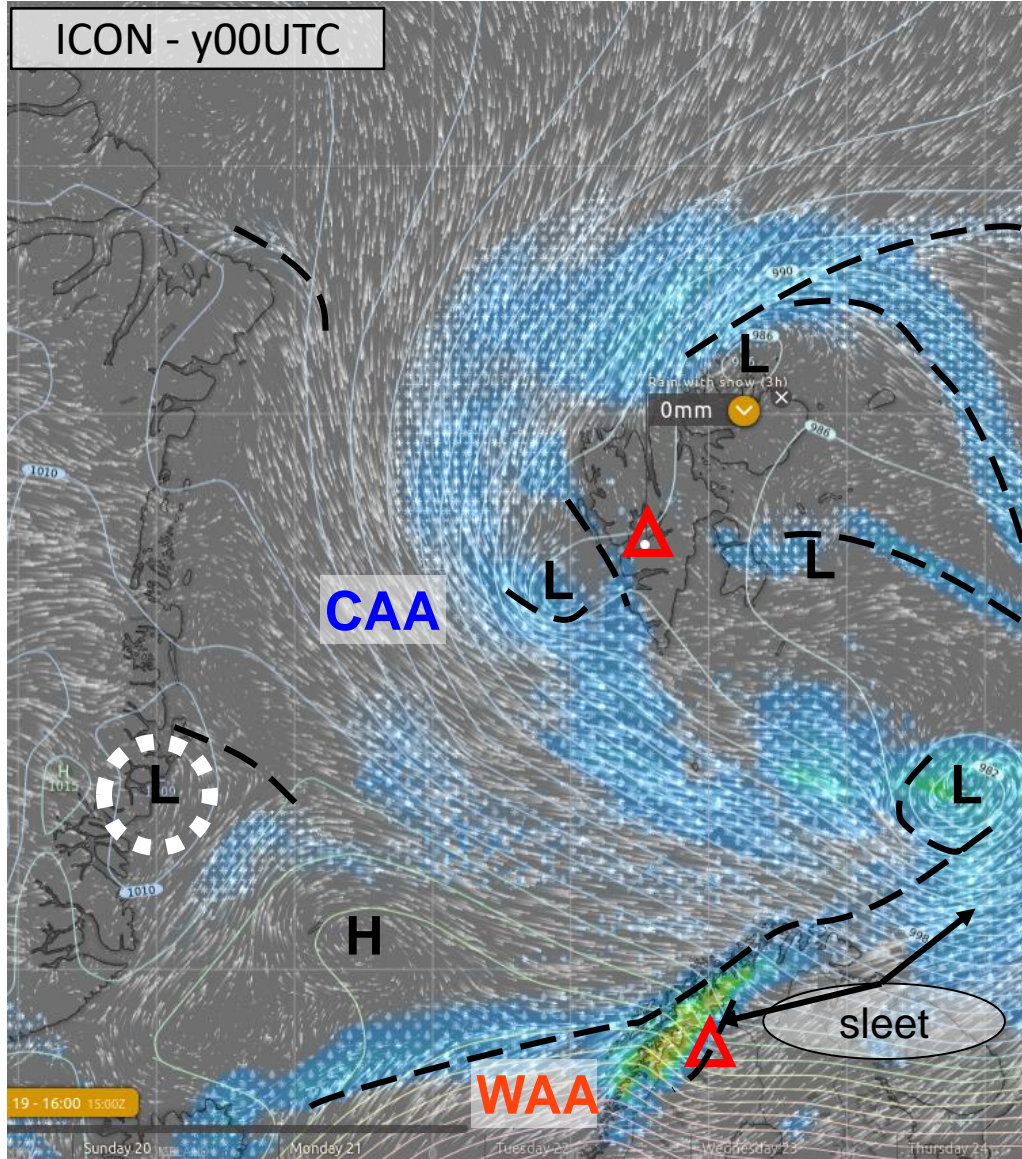
Saturday, 2022-03-19 12 UTC



Saturday, 2022-03-19 15 UTC



Saturday, 2022-03-19 15 UTC



Surface wind development and precipitation

2022-03-17 12 UTC: 69 – 96h

ECMWF

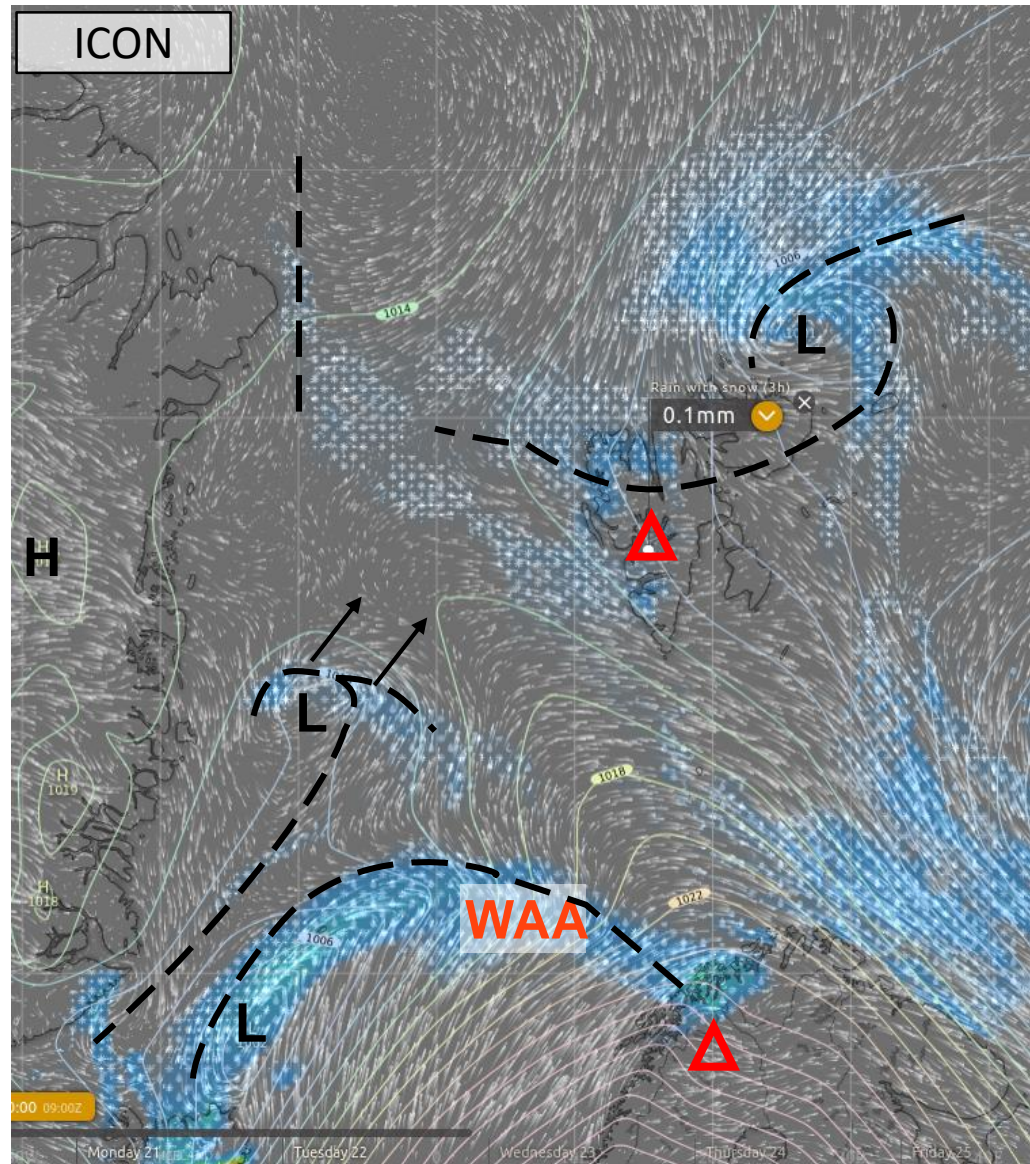
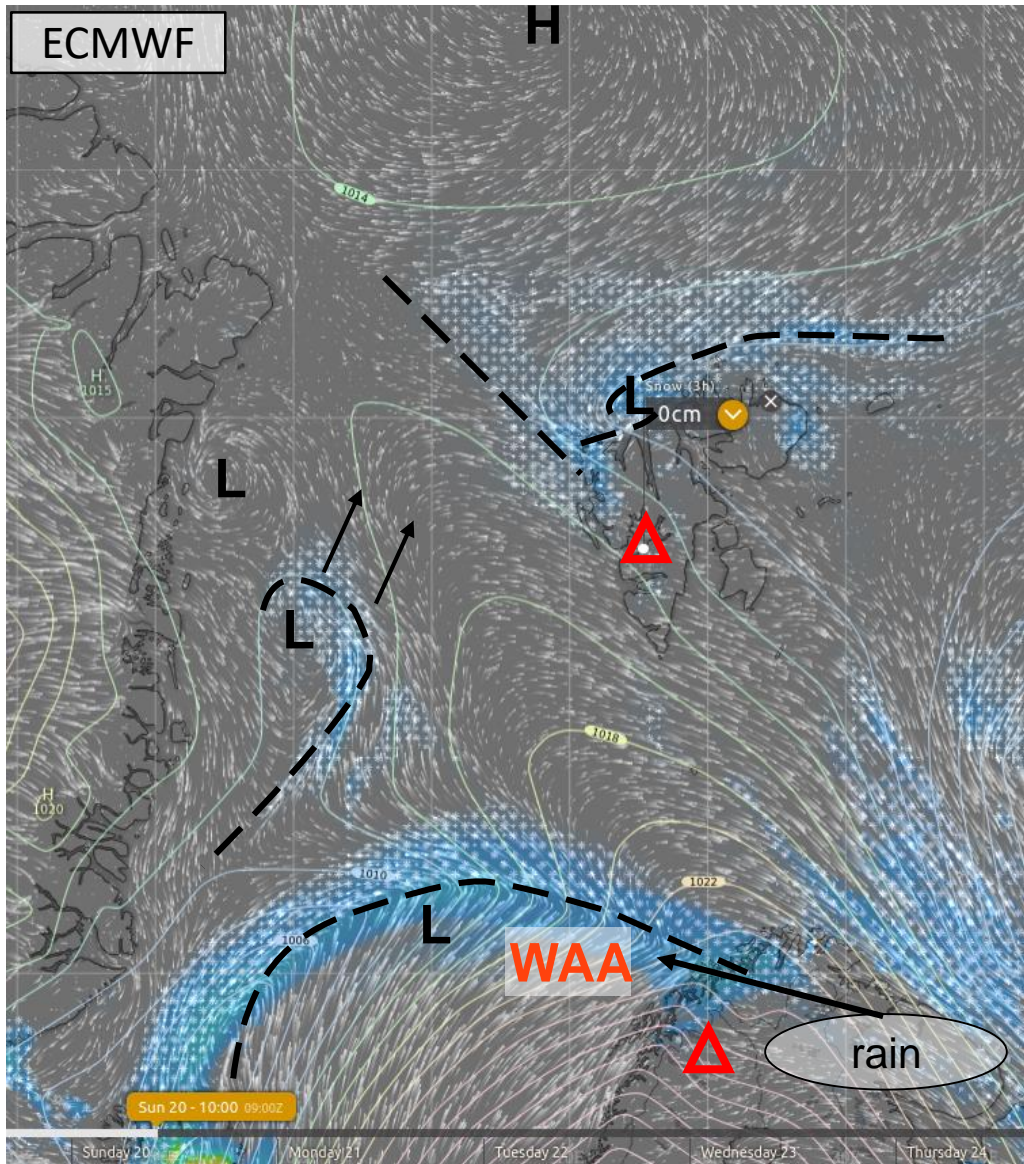
2022-03-18 00 UTC: 57 – 84h

ICON

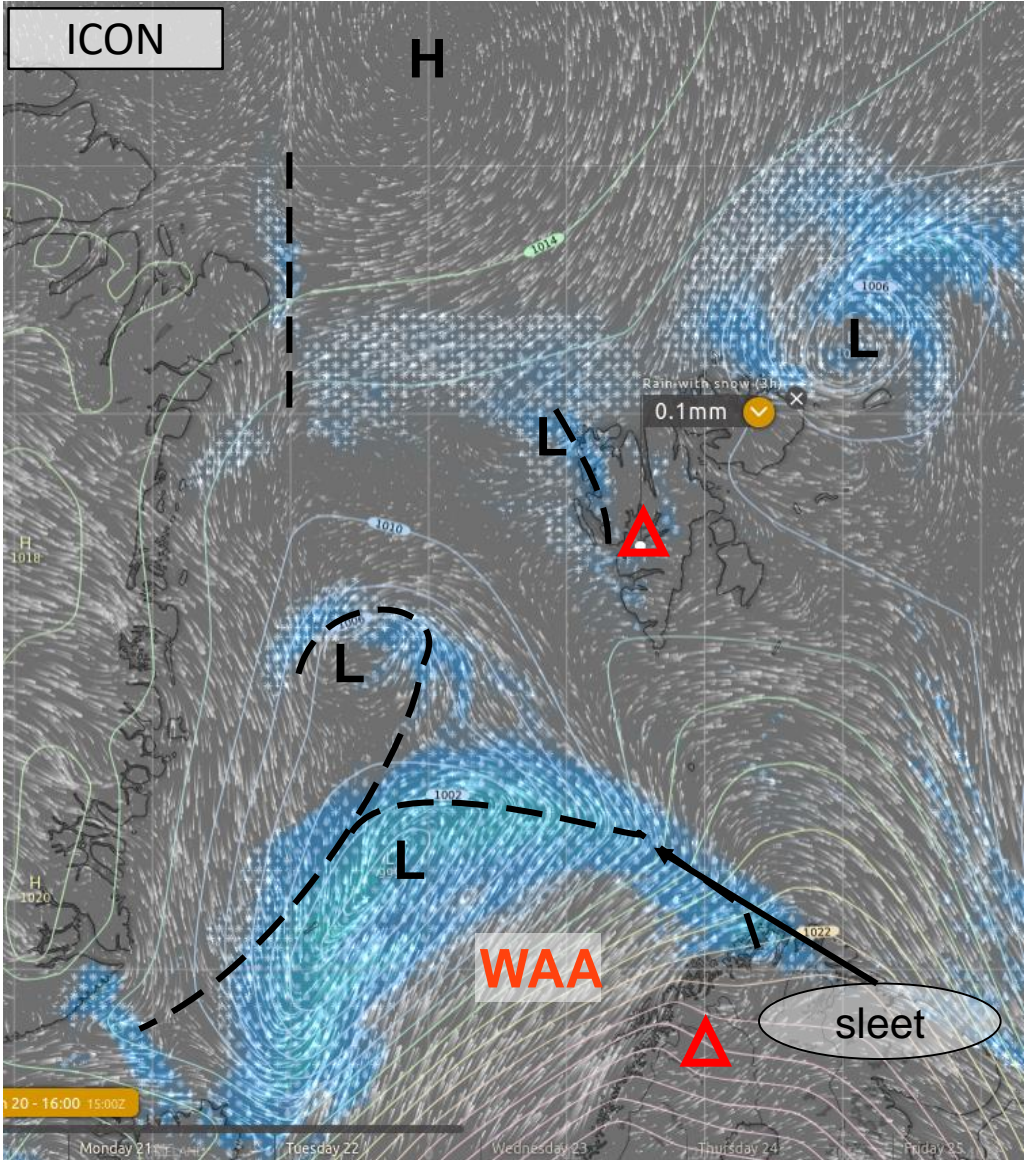
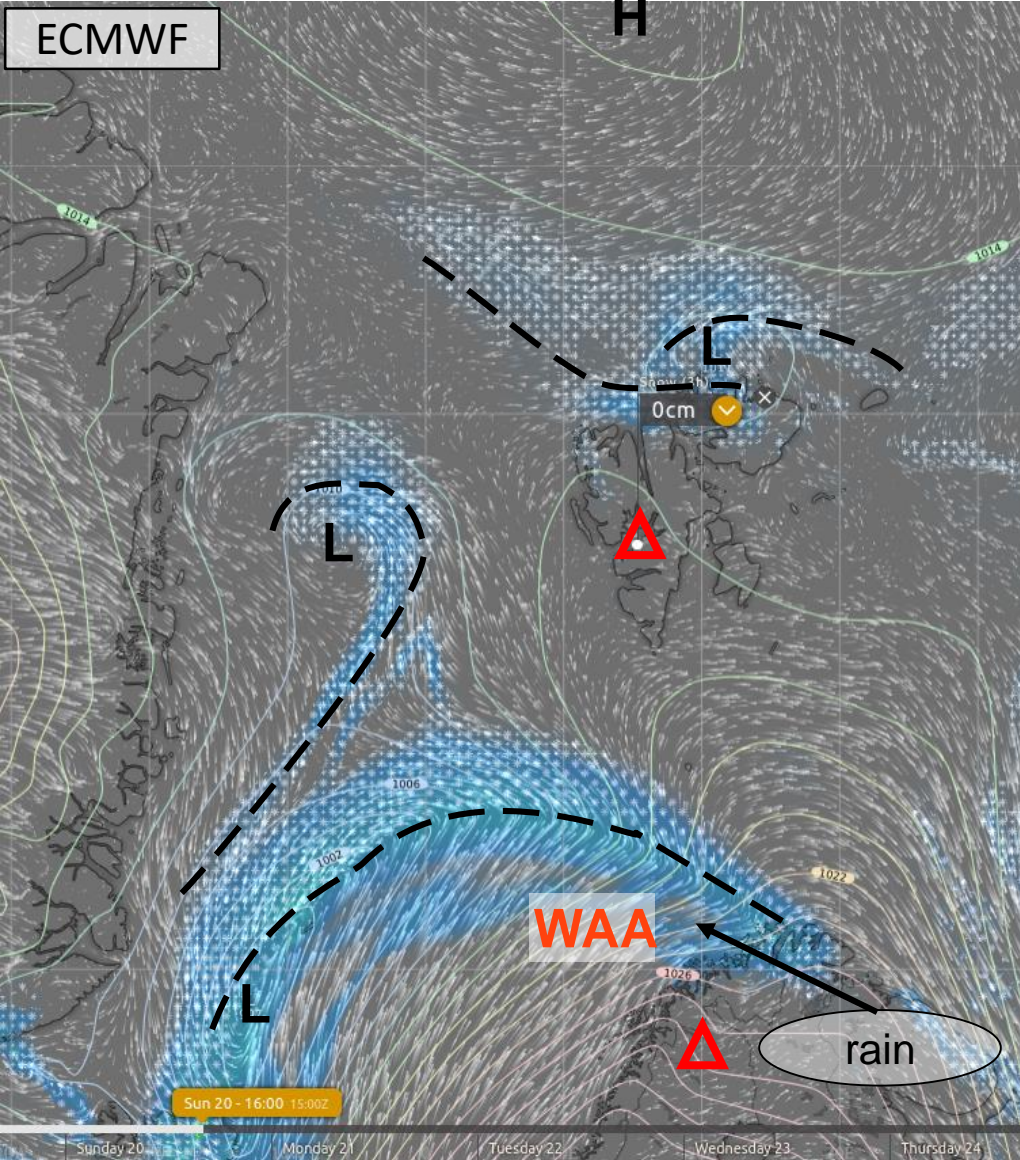
CAA: Cold Air Advection

WAA: Warm Air Advection

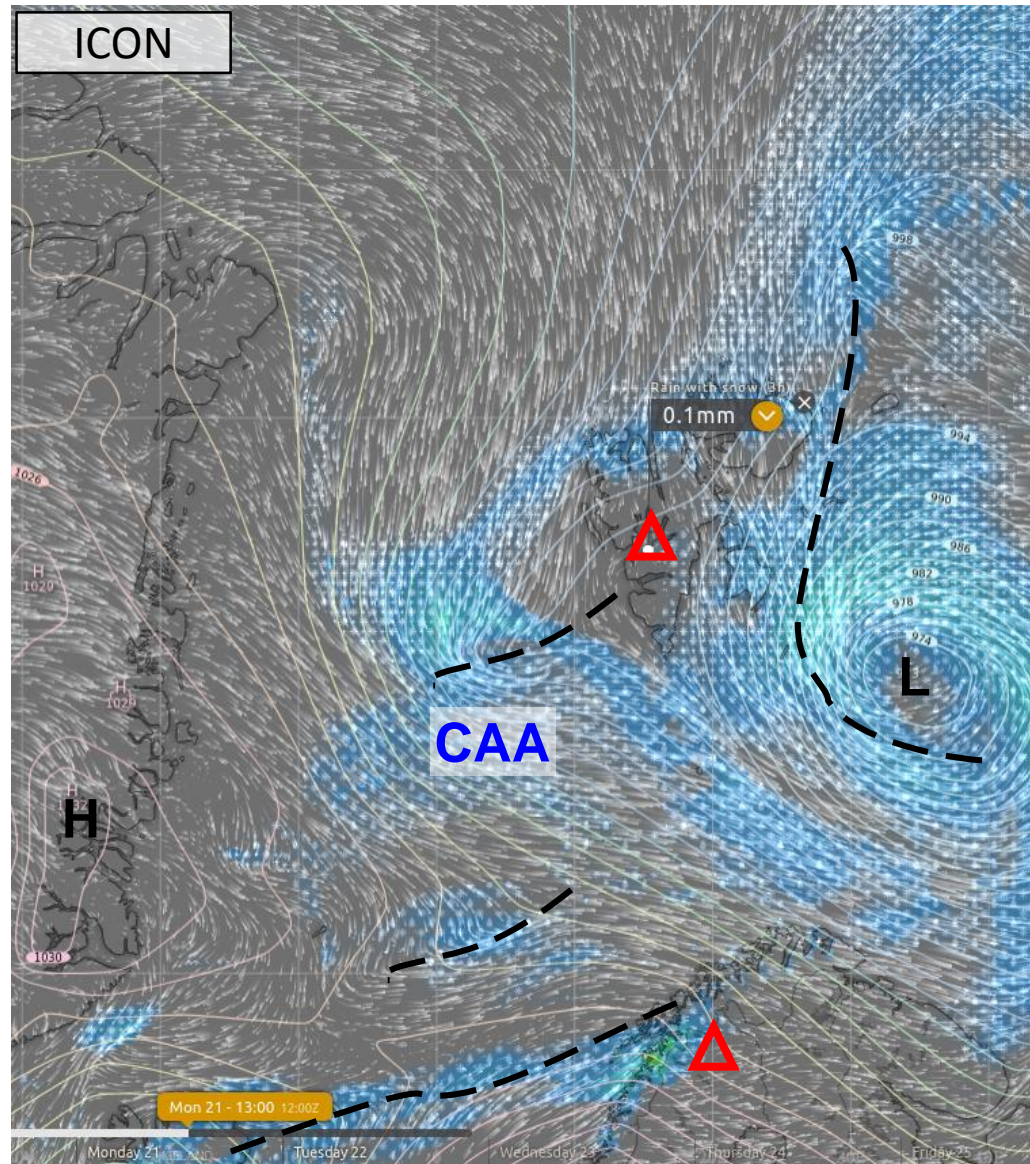
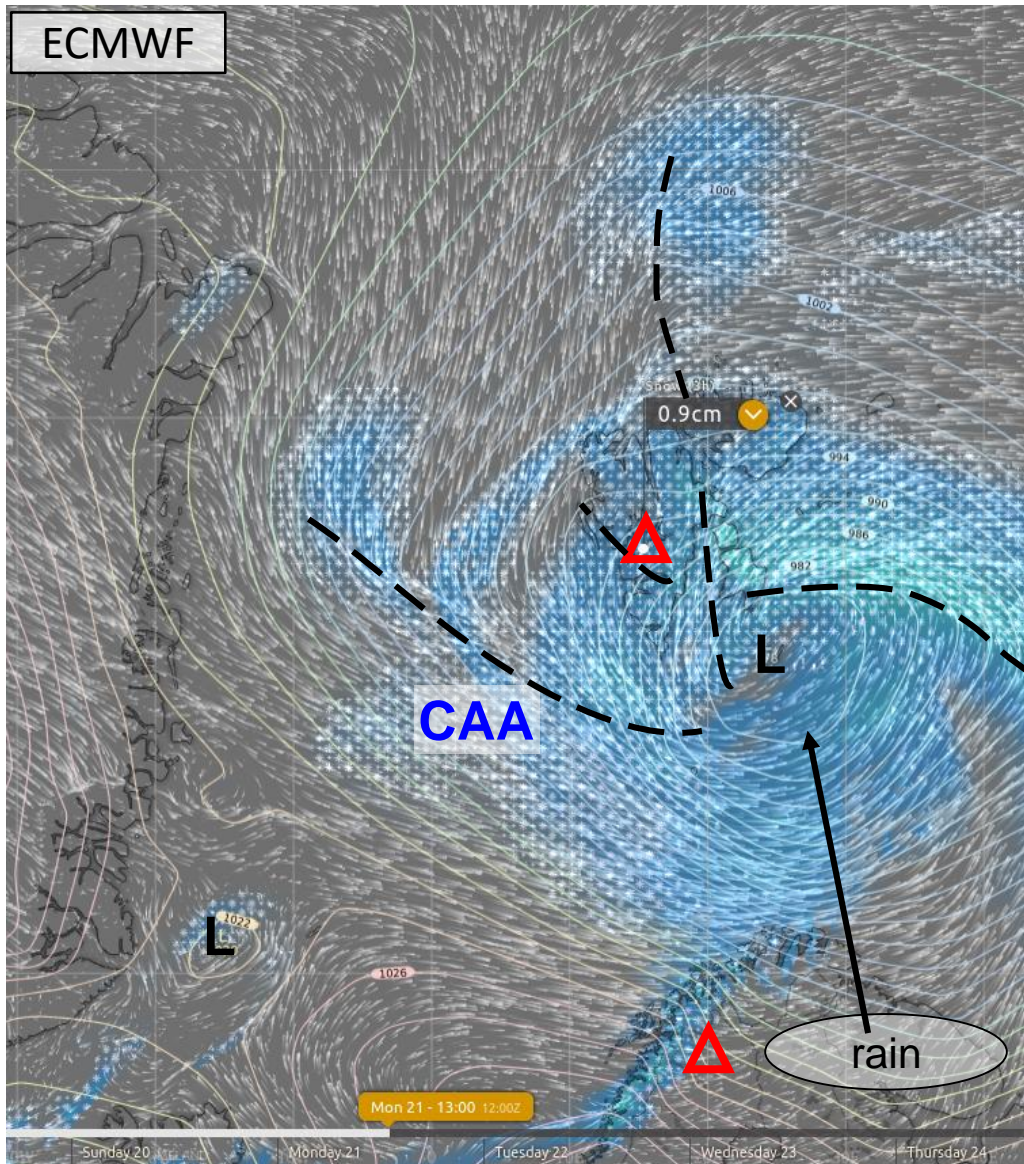
Sunday, 2022-03-20 09 UTC



Sunday, 2022-03-20 15 UTC



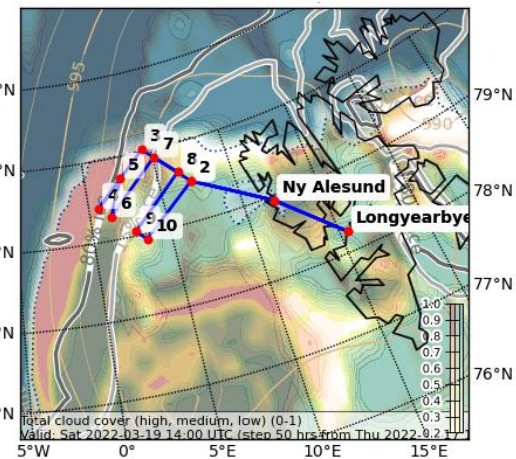
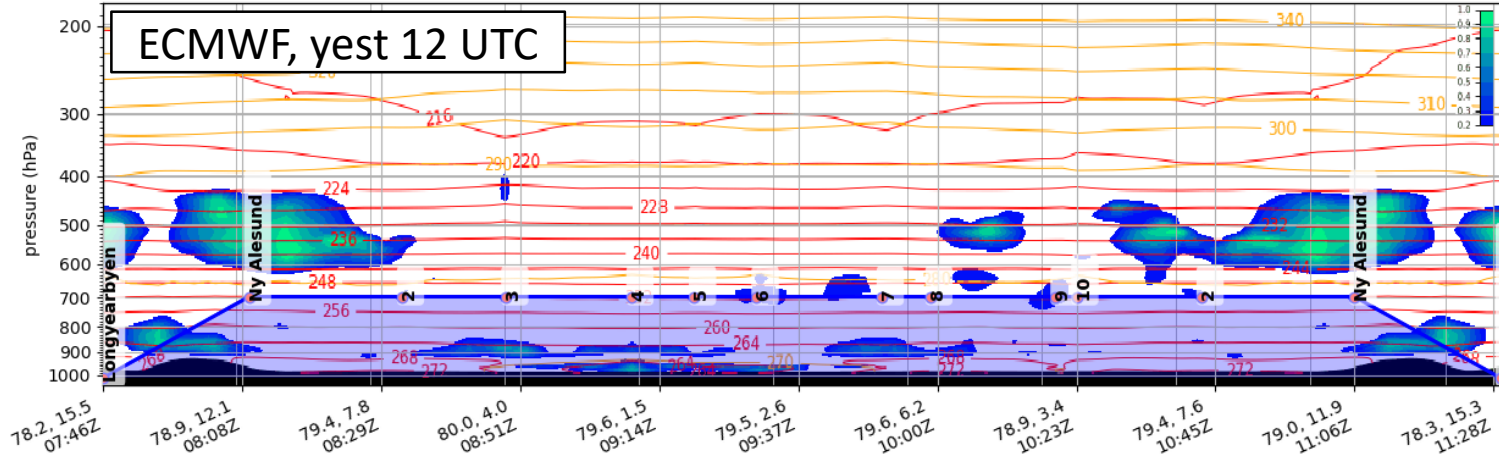
Monday, 2022-03-21 12 UTC



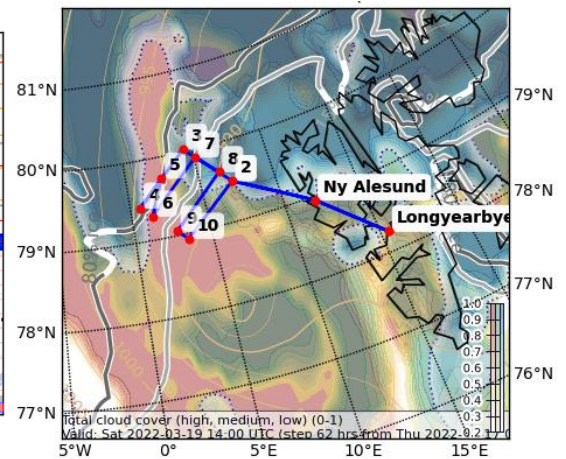
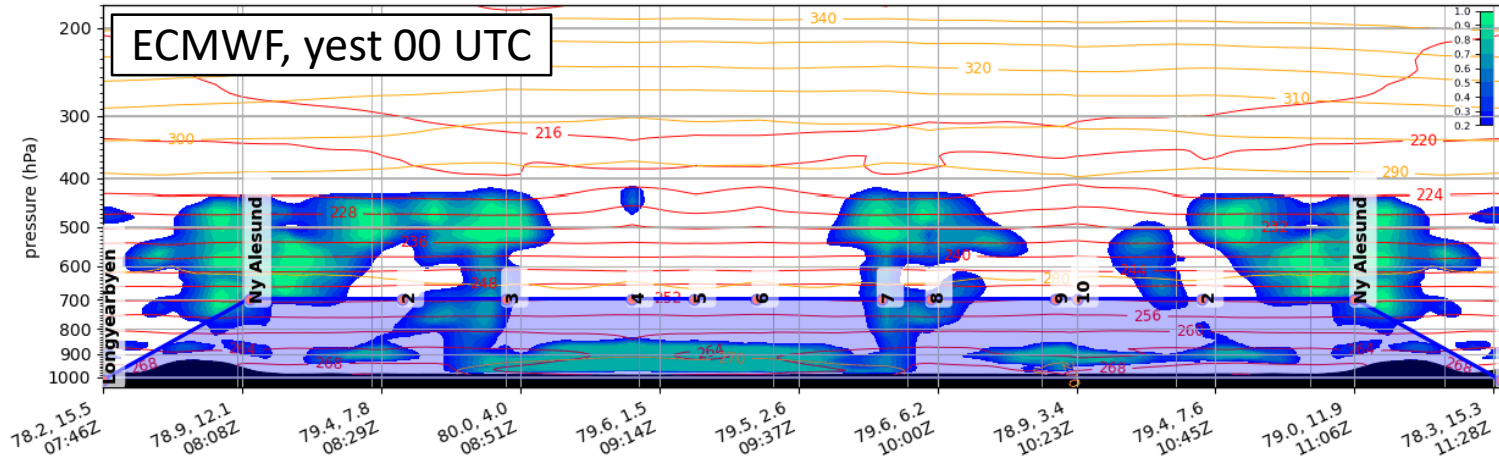
Cloud cross-sections: Polar 5 RF01
2022-03-17 00 UTC & 2022-03-17 12 UTC
ECMWF & ICON

Sat, 2022-03-19, Clouds, 14 UTC (Polar 5, RF01)

Cloud Cover (0-1) Vertical Section
Valid: 2022-03-19T14:00:00Z (initialisation: 2022-03-17T12:00:00Z)

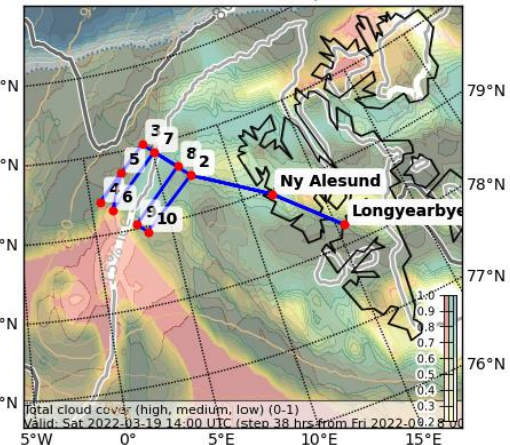
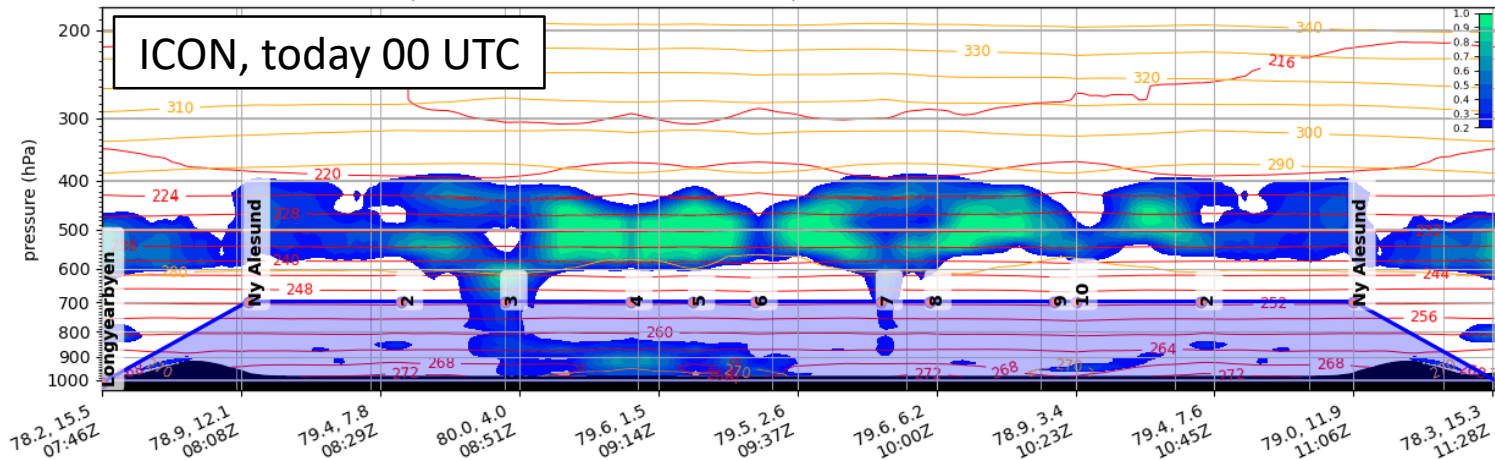


Cloud Cover (0-1) Vertical Section
Valid: 2022-03-19T14:00:00Z (initialisation: 2022-03-17T00:00:00Z)

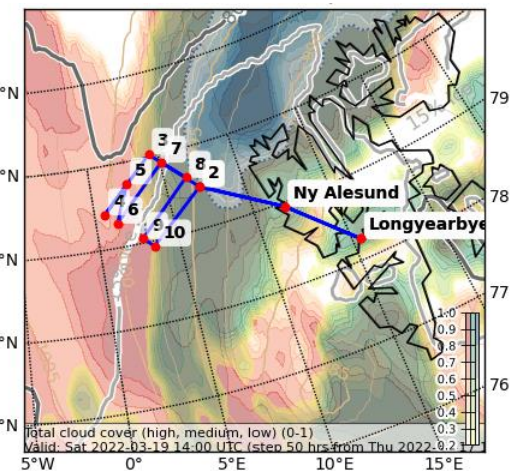
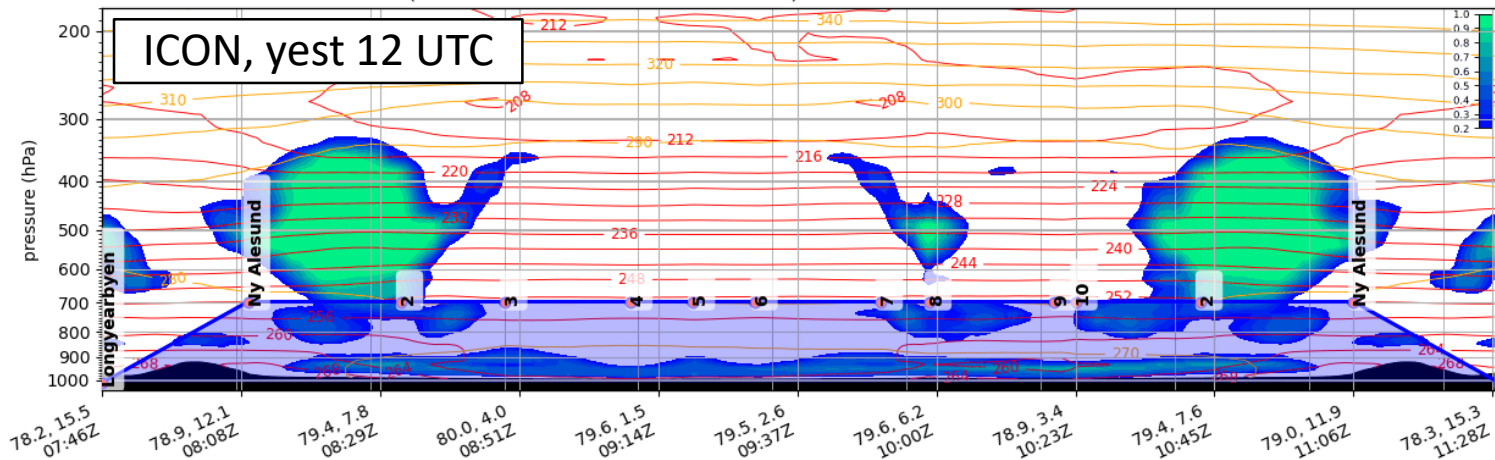


Sat, 2022-03-19, Clouds, 14 UTC (Polar 5, RF01)

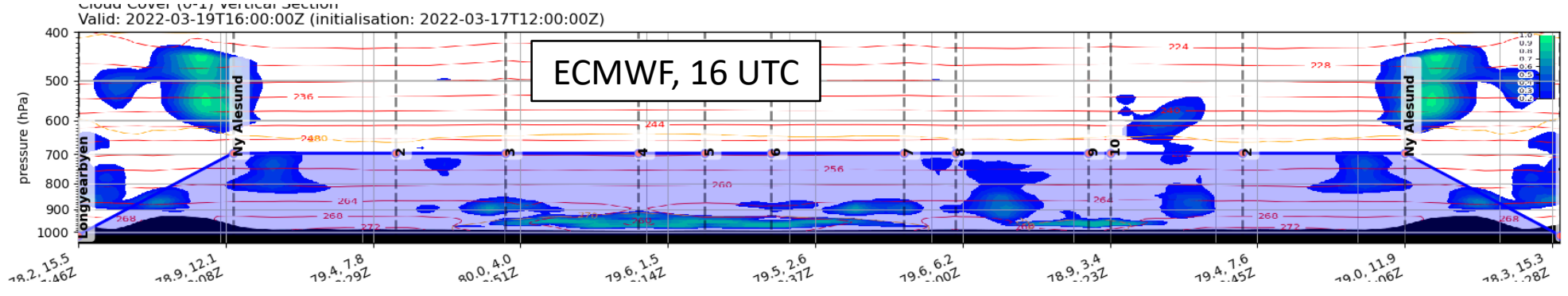
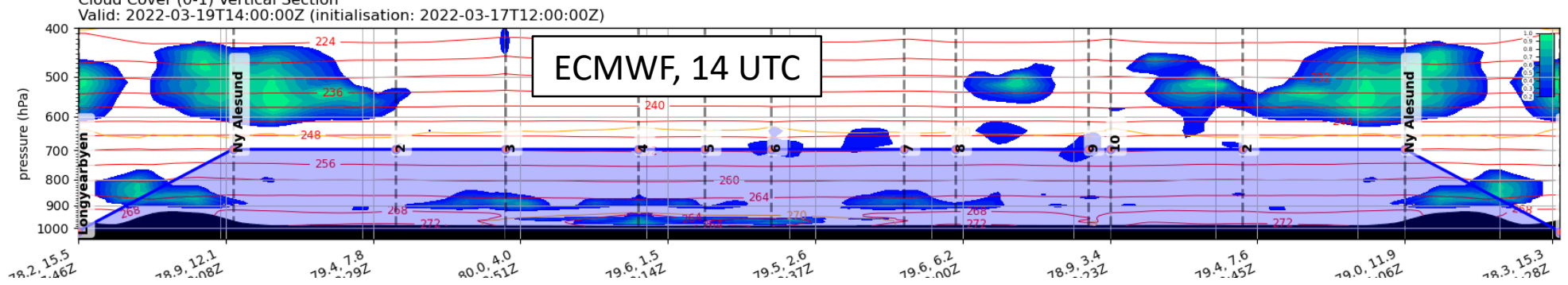
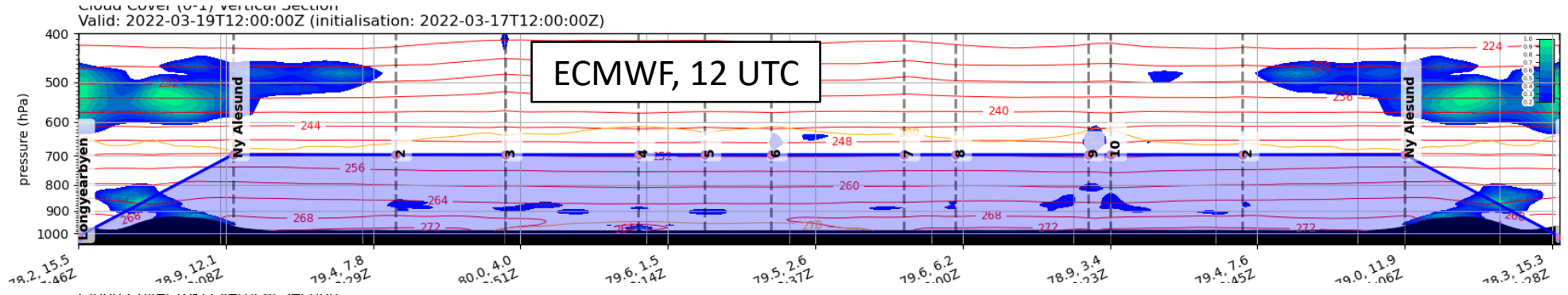
Cloud Cover (0-1) Vertical Section
Valid: 2022-03-19T14:00:00Z (initialisation: 2022-03-18T00:00:00Z)



Cloud Cover (0-1) Vertical Section
Valid: 2022-03-19T14:00:00Z (initialisation: 2022-03-17T12:00:00Z)



Sat, 2022-03-19, Clouds, 12 - 16 UTC (Polar 5, RF01)



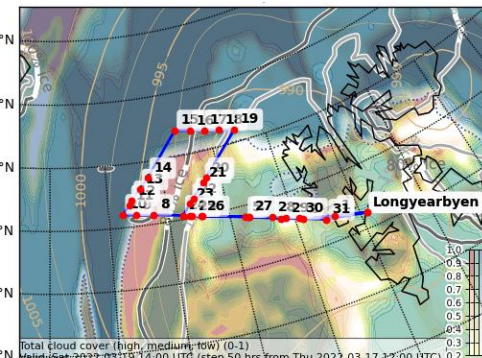
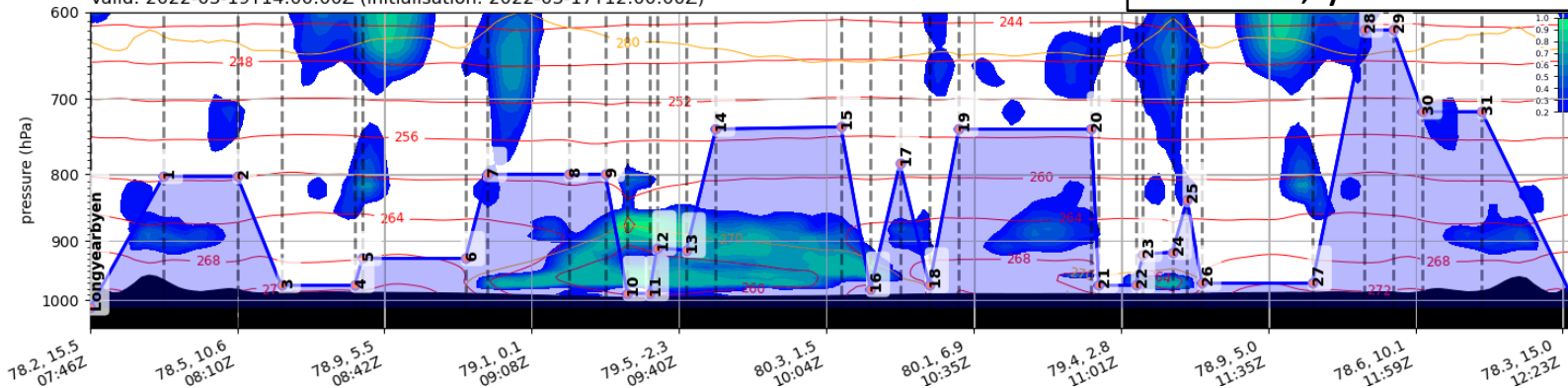
Cloud cross-sections: Polar 6 RF01
2022-03-17 00 UTC & 2022-03-17 12 UTC
ECMWF

Sat, 2022-03-19, Clouds, 14 UTC (Polar 6, RF01)

Cloud Cover (0-1) Vertical Section

Valid: 2022-03-19T14:00:00Z (initialisation: 2022-03-17T12:00:00Z)

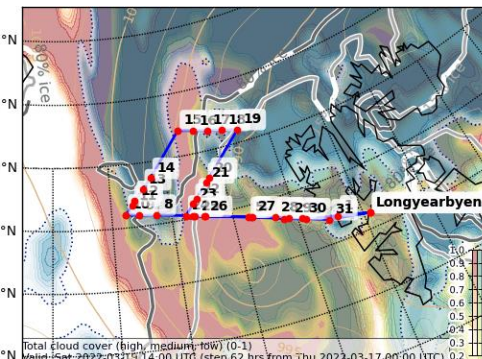
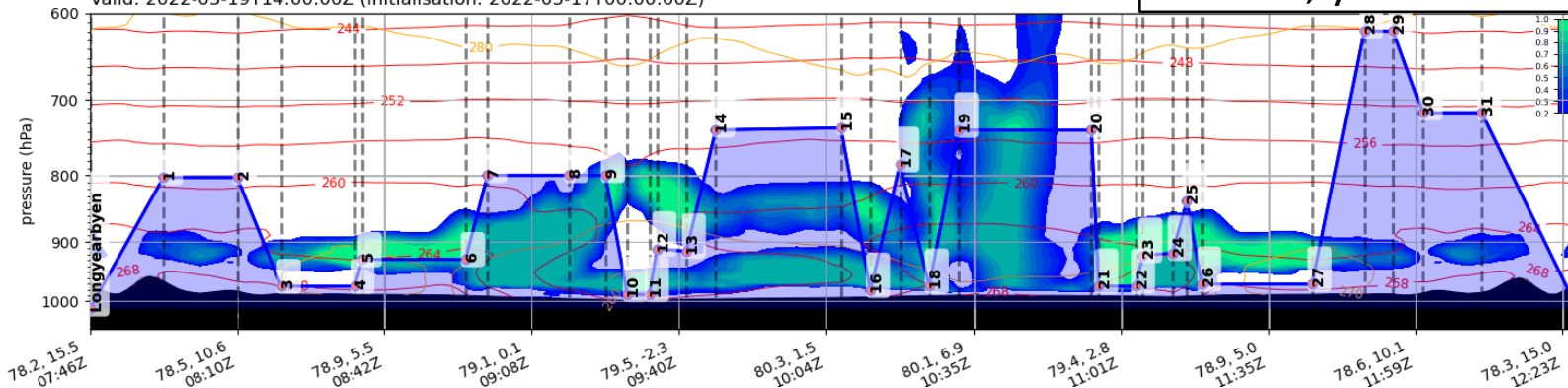
ECMWF, yest 12 UTC



Cloud Cover (0-1) Vertical Section

Valid: 2022-03-19T14:00:00Z (initialisation: 2022-03-17T00:00:00Z)

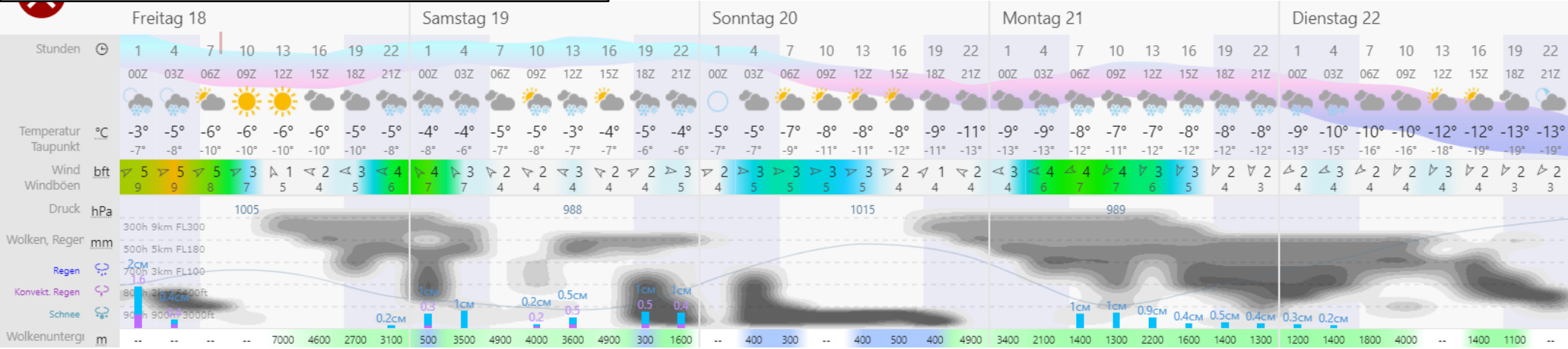
ECMWF, yest 00 UTC



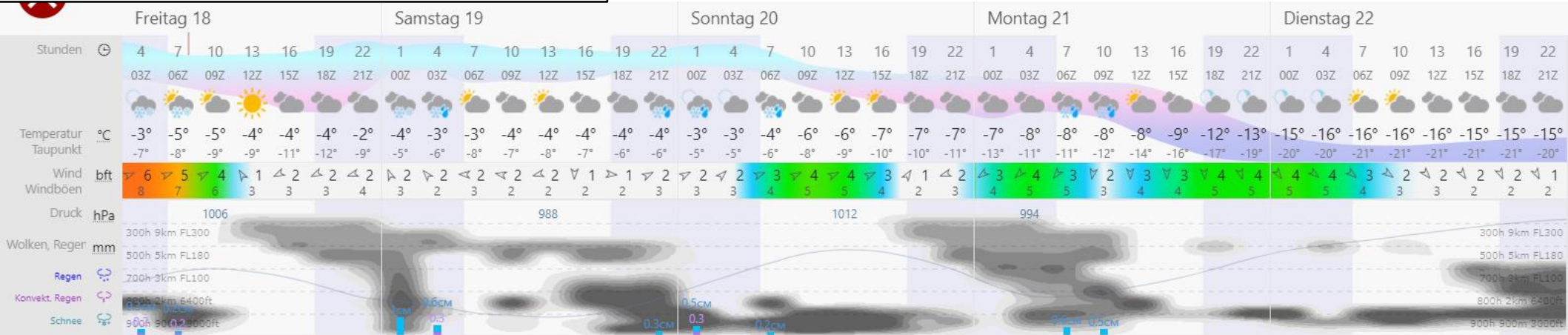
Airport conditions

Longyearbyen: Meteogram

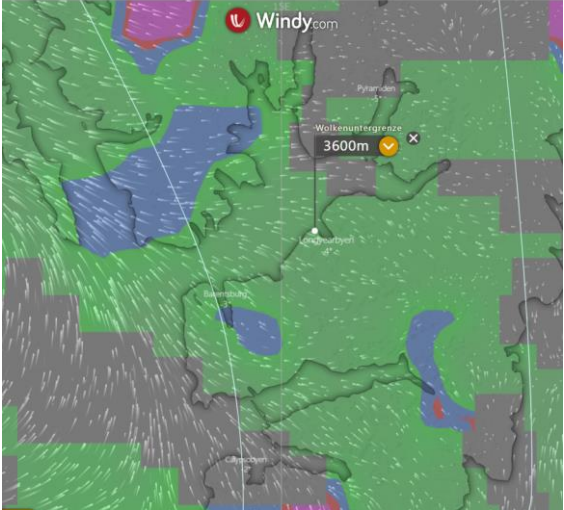
ECWMF, yest 12 UTC



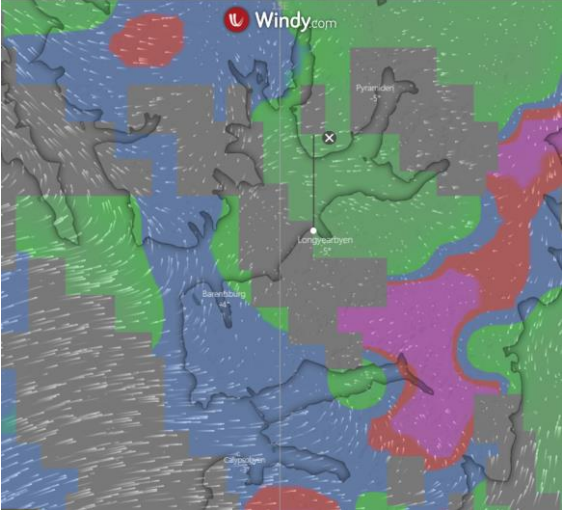
ICON, today 00 UTC



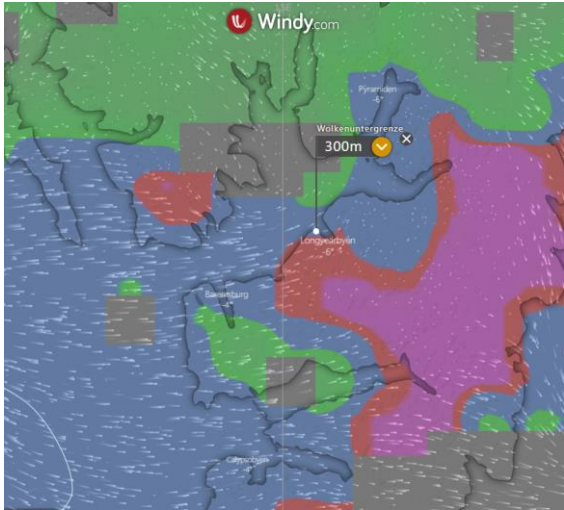
Sat, 2022-03-19, Cloud base height, Longyearbyen



12 UTC



15 UTC



18 UTC



ECWMF, 2022-03-17 12 UTC, 48h – 54h

Latest TAF from
Longyearbyen airport

Time: 07:48 (06:48 UTC)

Forecast

Forecast valid from 18 at 06 UTC to 19 at 06 UTC

Wind **25 kt** from the **West**

Visibility 10 km or more

Few clouds at a height of **1000 ft**

*Becoming
from 18 at 09 UTC to 18 at 11 UTC*

Wind **5 kt** from variable directions

*Becoming
from 18 at 14 UTC to 18 at 16 UTC*

Wind **15 kt** from the **South/Southeast**

*Temporary
from 18 at 20 UTC to 18 at 24 UTC*

Wind **30 kt** from the **East/Southeast**

Visibility: **1000 m**

at a height of **800 ft**

snow

TAF: ENSB 1806/1906 26025KT 9999
FEW010 BECMG 1809/1811 VRB05KT
BECMG 1814/1816 16015KT TEMPO
1820/1824 12030KT 1000 SN VV008