

Weather Briefing ROSCHIER BALTIC SEA RACE 2022

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SHF.NU



Havskappseglingsförbundet



General synopsis, Thursday 21 July -Sunday 24

- A high-pressure ridge is weakening and moving SE towards Lithuania
- Very warm air exists on Thursday over the sailing area, but will culminate Thursday afternoon. To move the warm air, lows are forming. One will form over Sweden with center around lake Hjälmaren.
- When such warm air exists there is a lot of energy available and with colder air coming aloft, thunderstorms are alike to form.

The important things to be aware of:

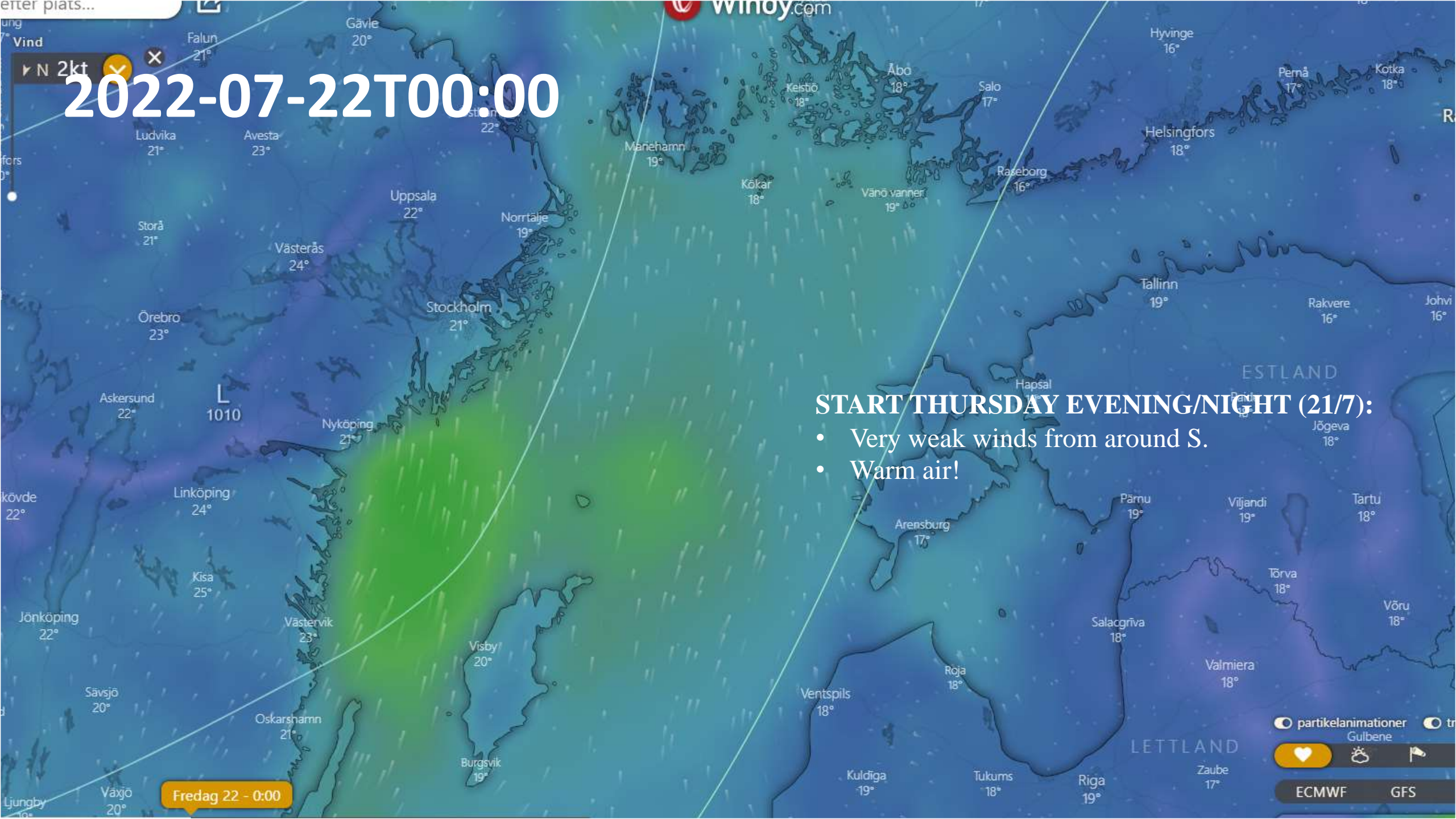
Where will the small-scale low pressure centre form. This will rule the wind direction.

- Watch out for thunderstorms
- Try to locate where the wind-holes (calm areas) will form and try to avoid them!
- The cold front on Saturday will be visible. The different models differ significantly in timing.

2022-07-22T00:00

START THURSDAY EVENING/NIGHT (21/7):

- Very weak winds from around S.
- Warm air!

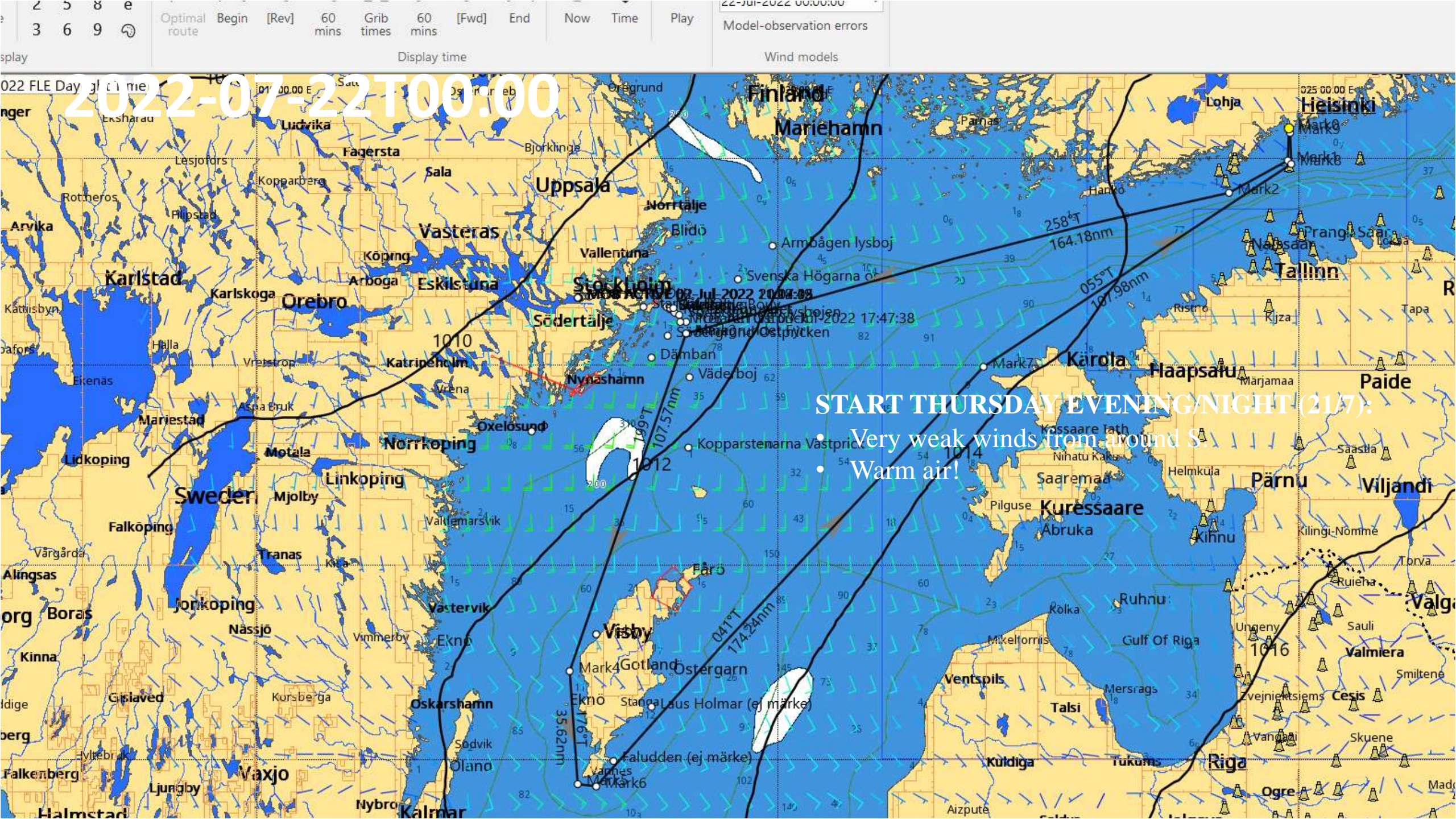


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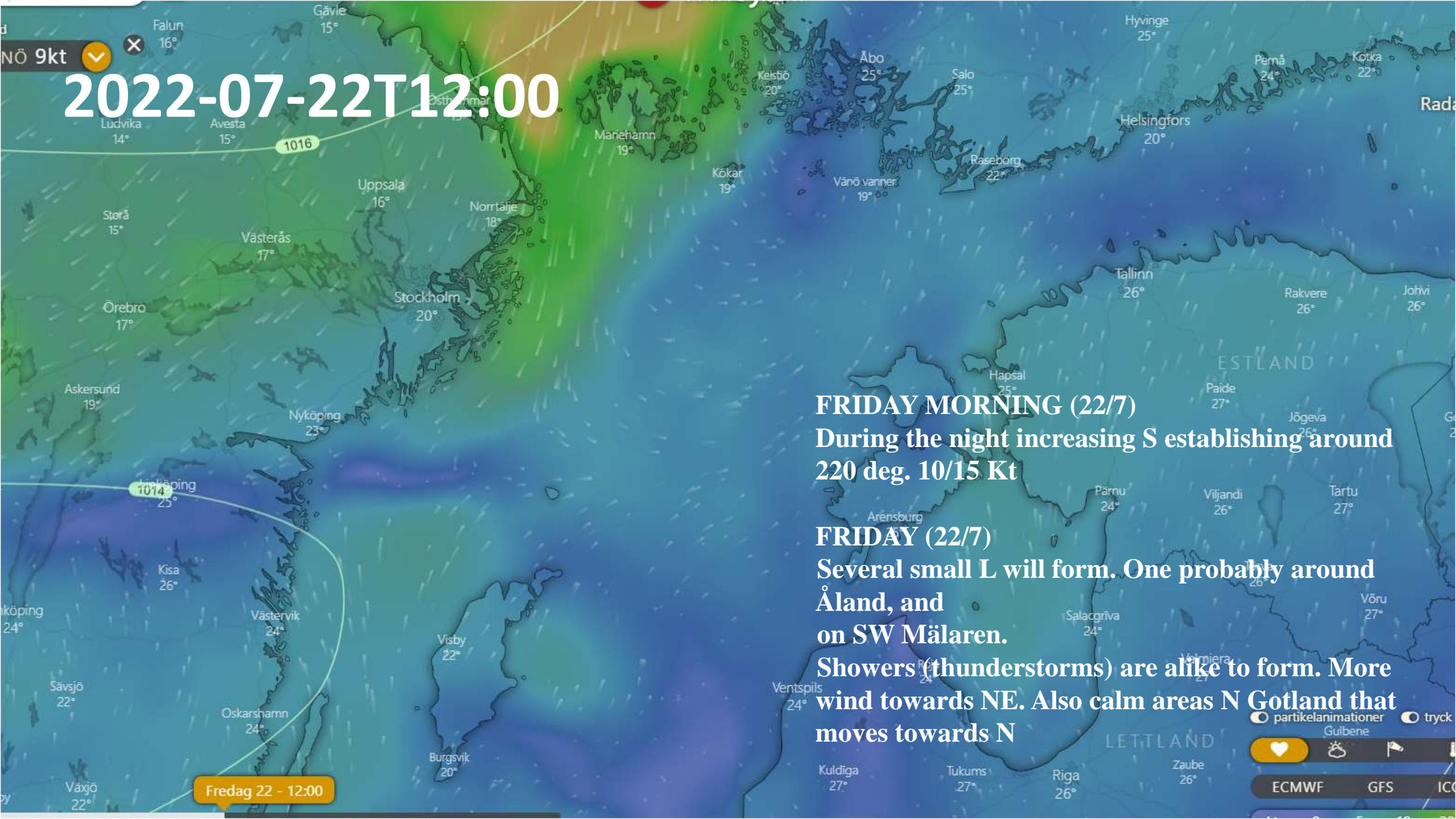
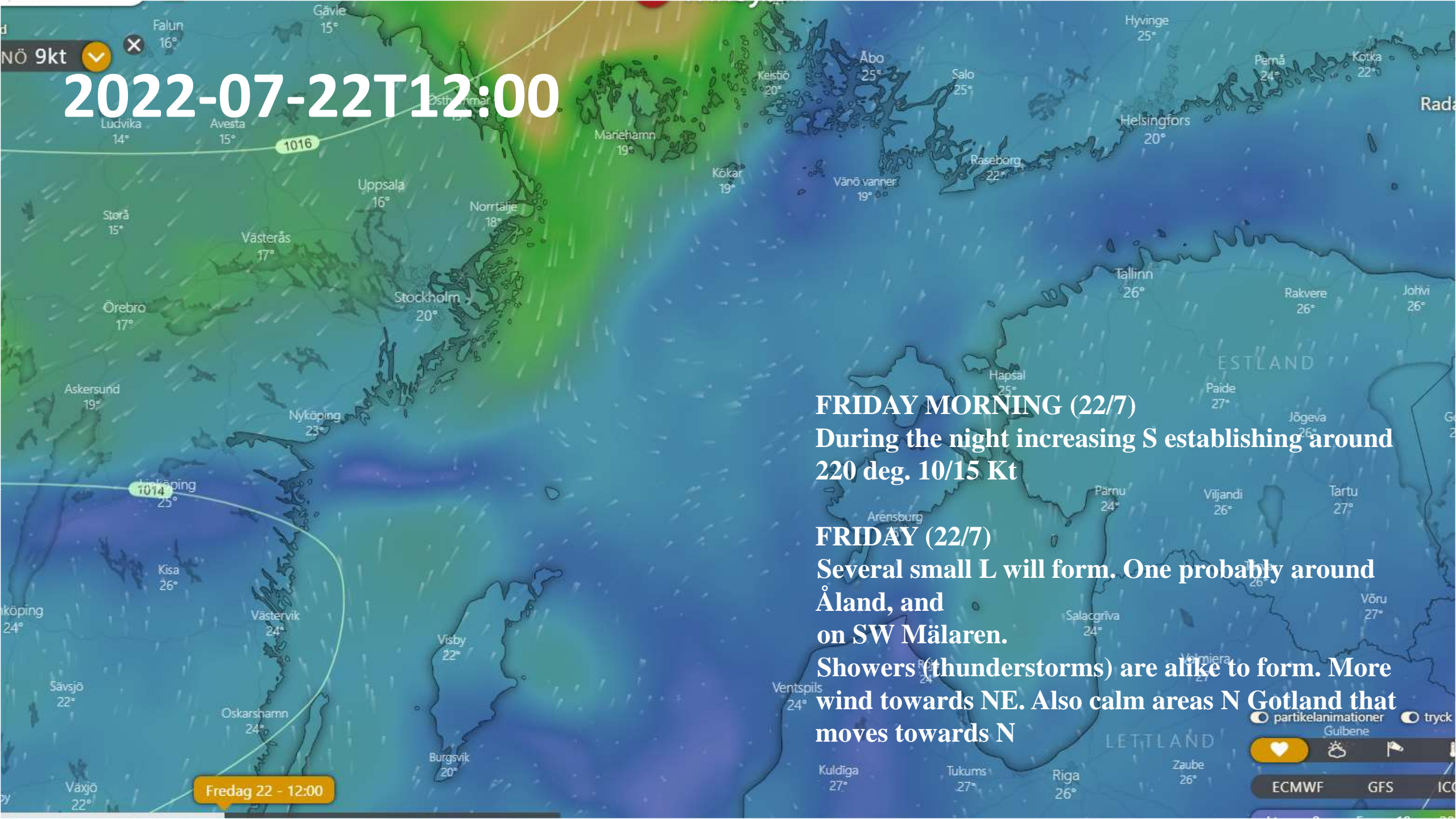
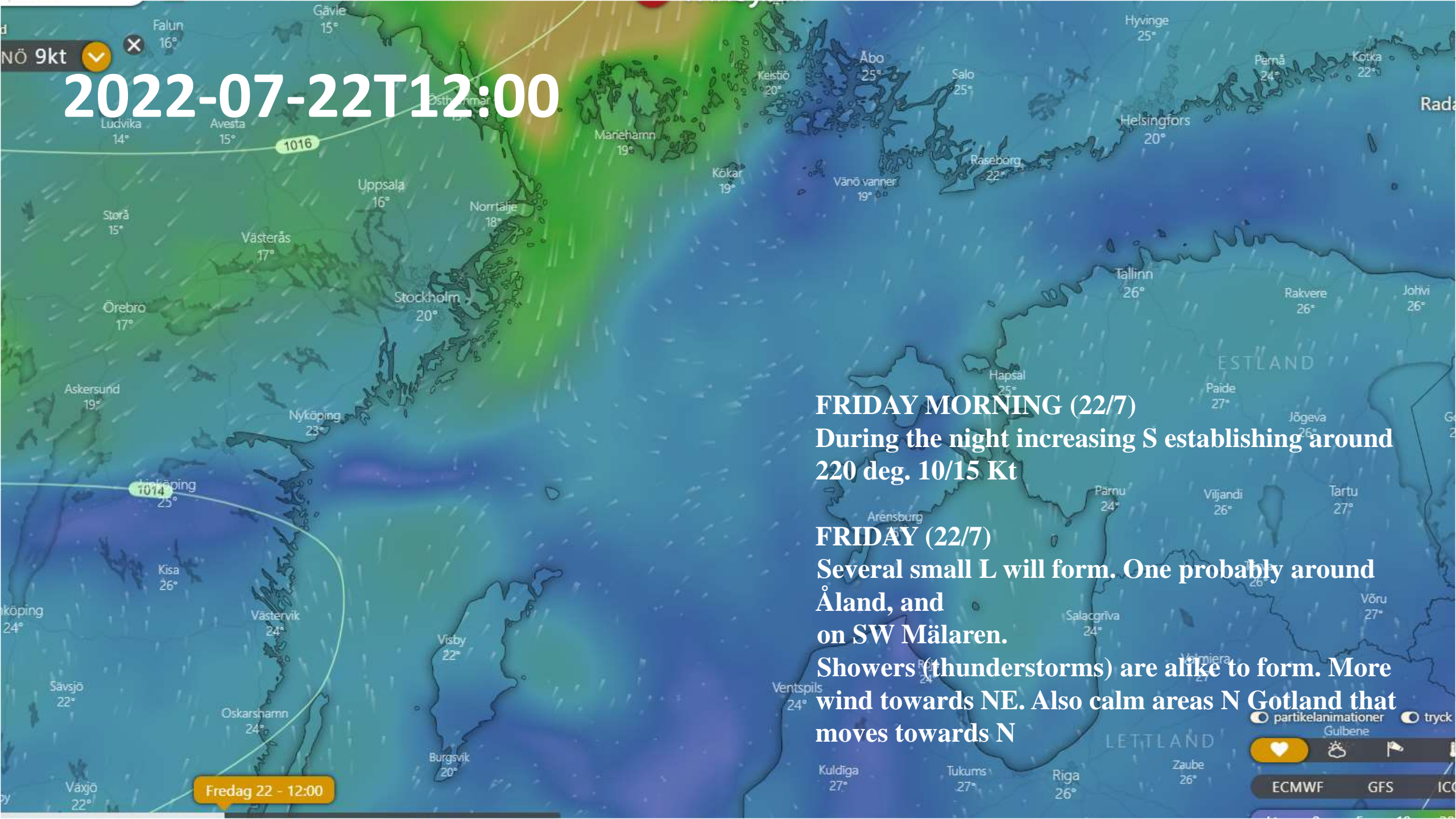
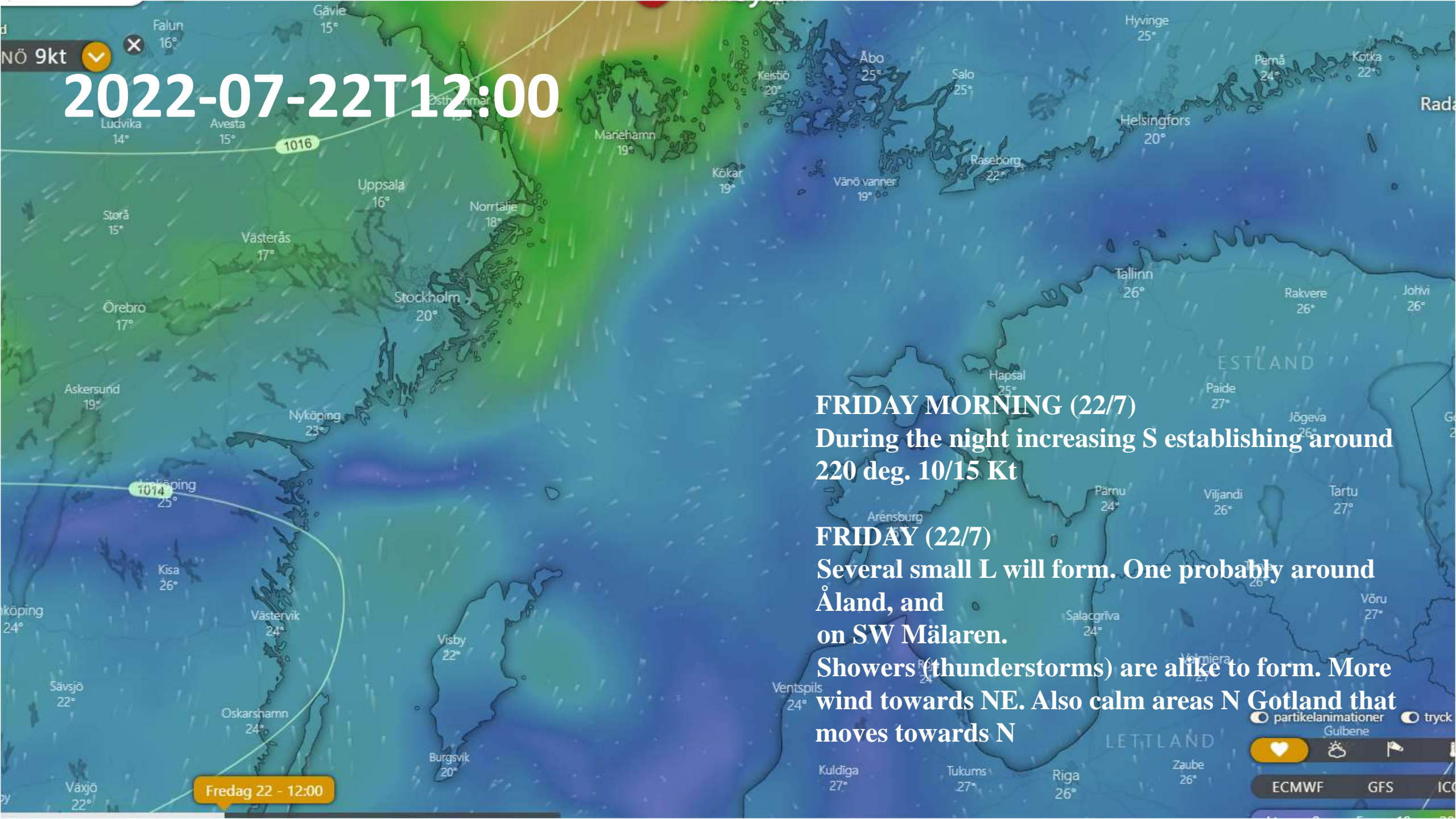
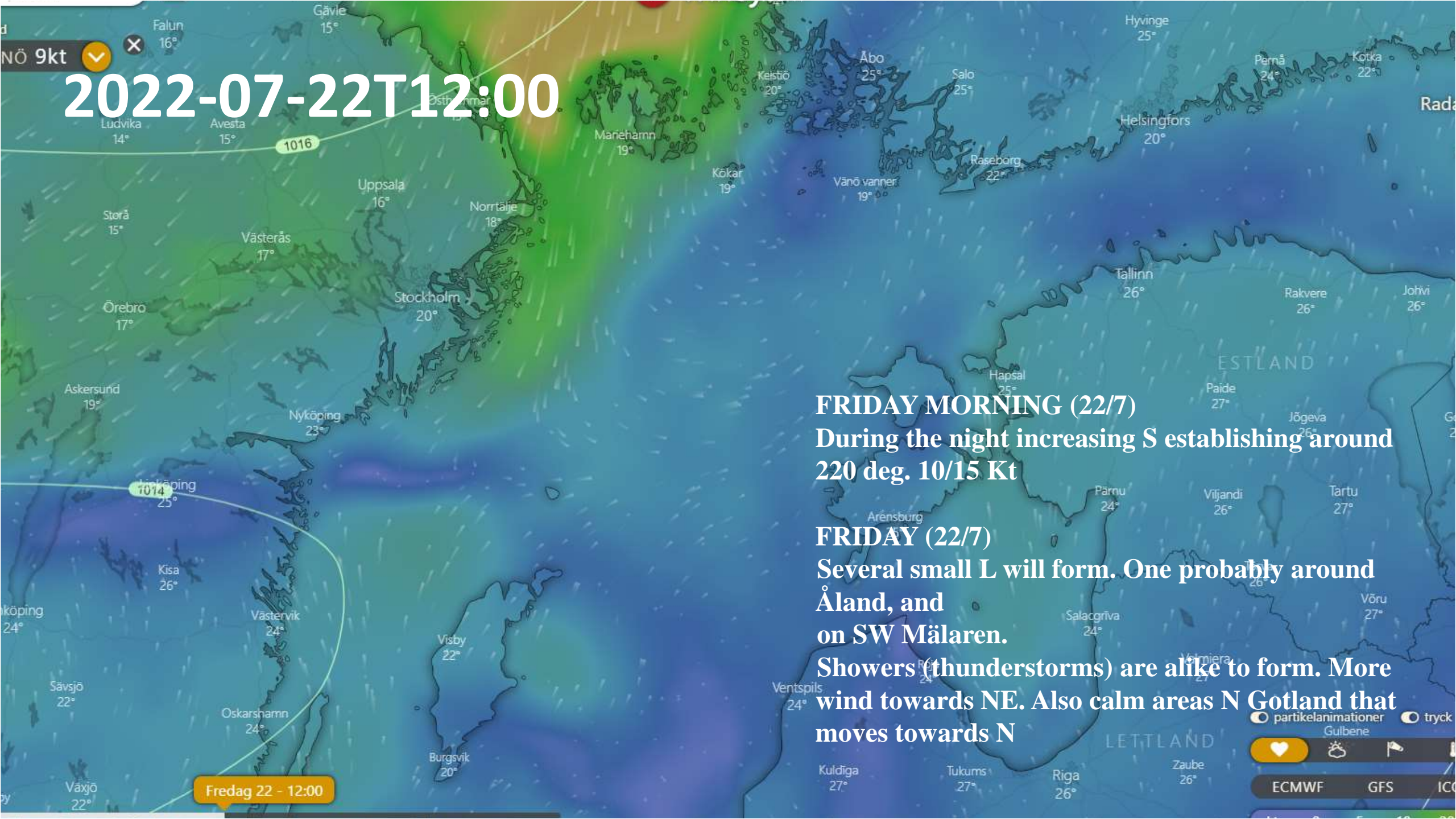
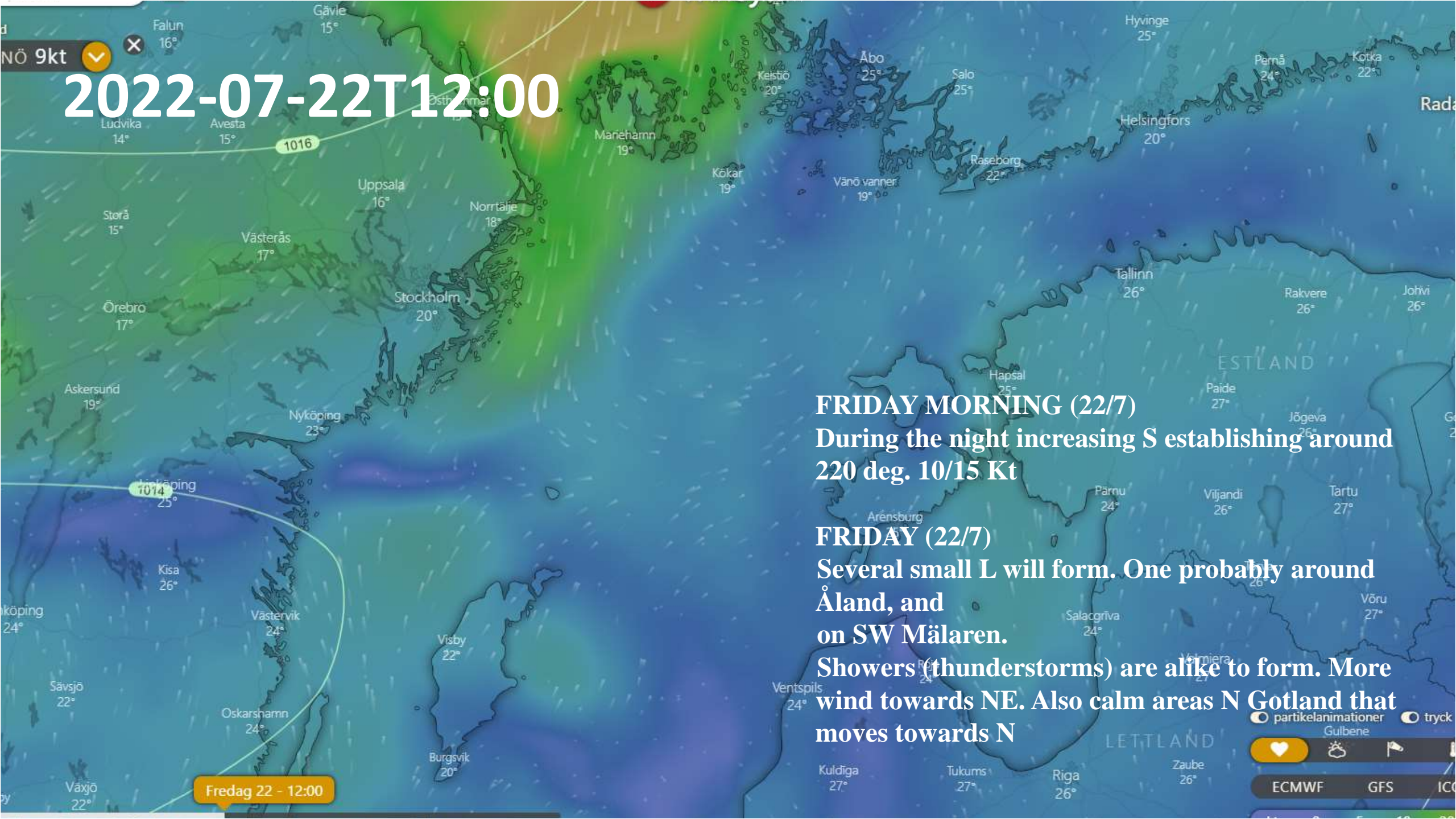
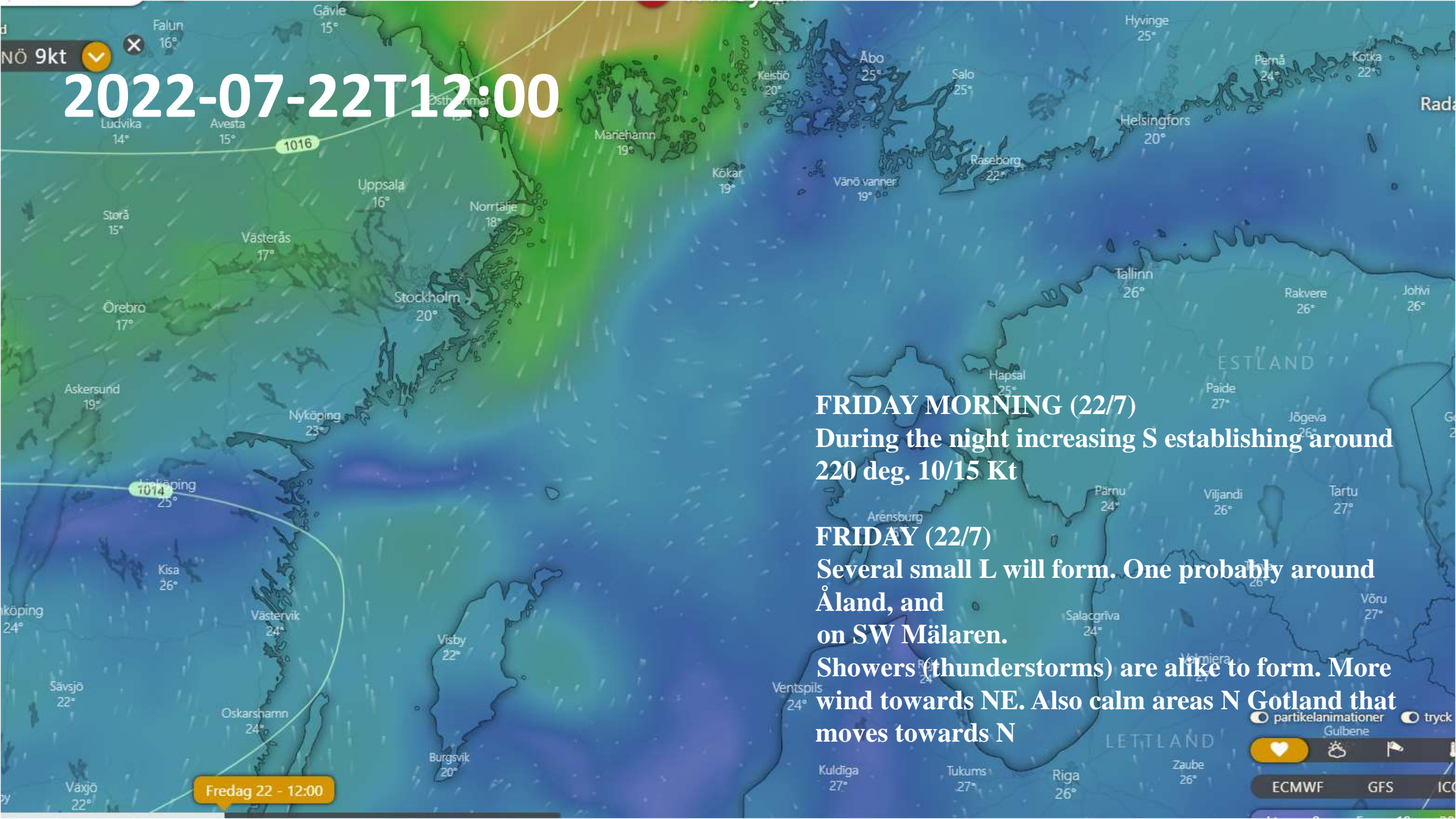
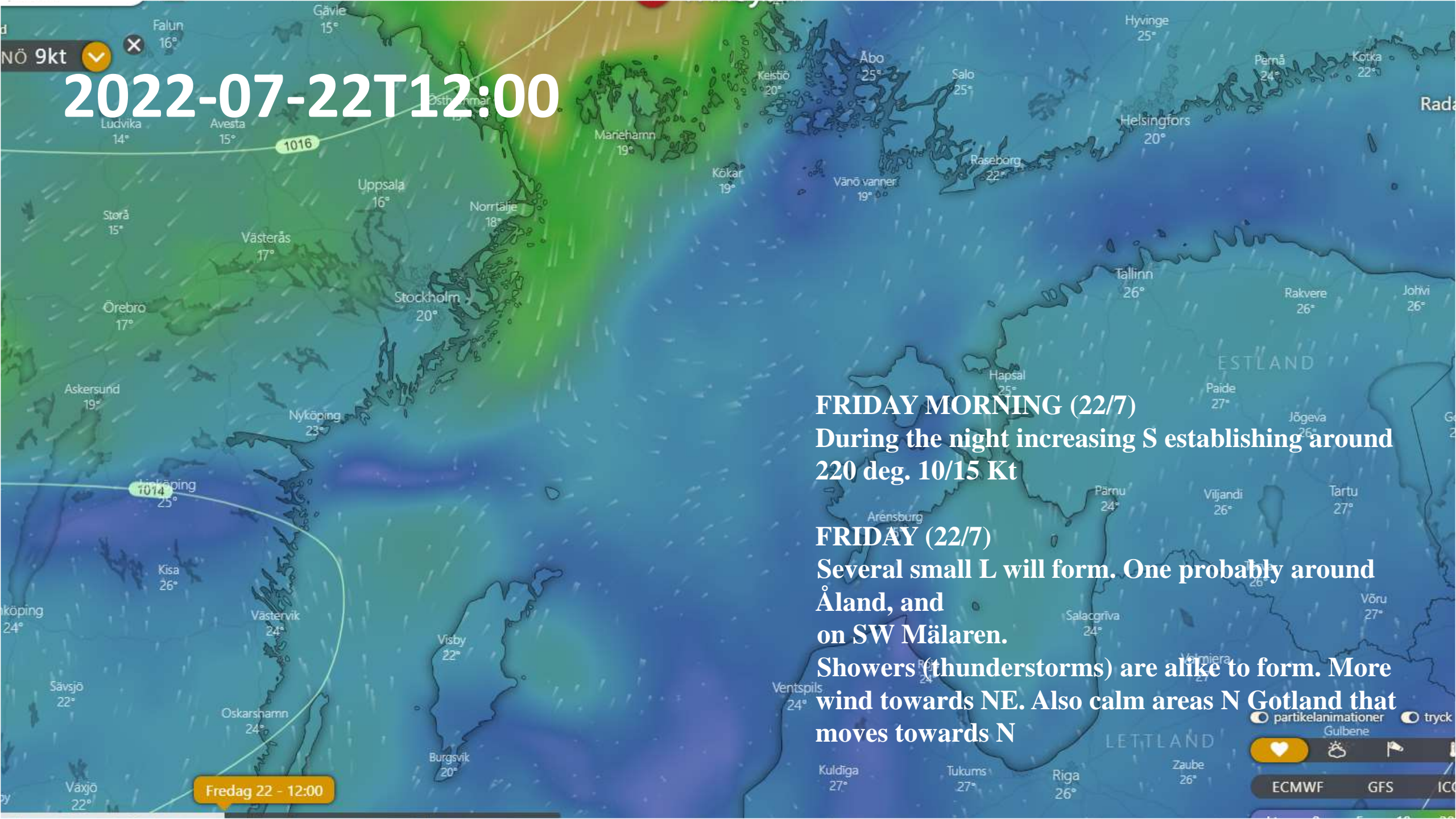
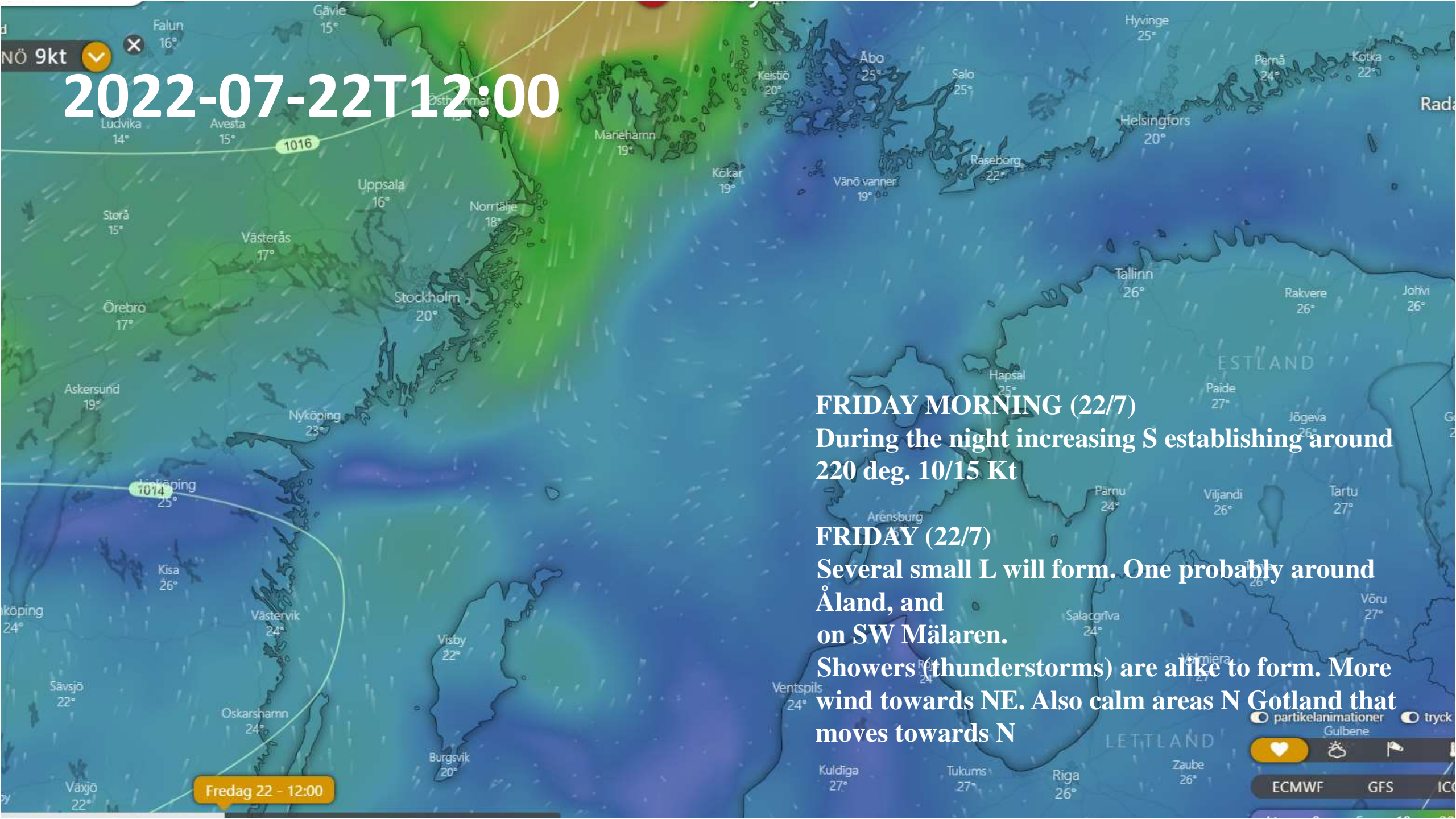
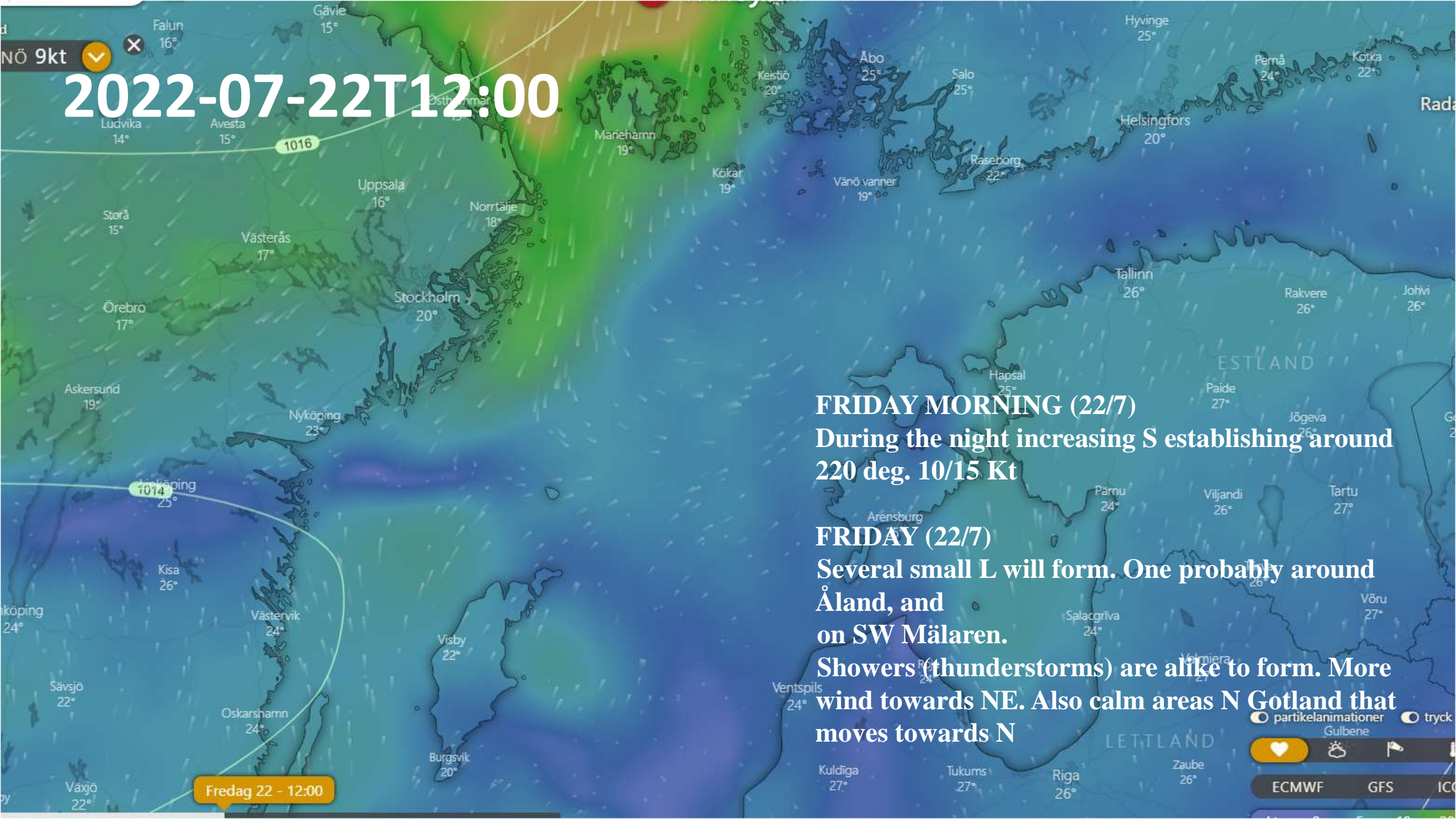
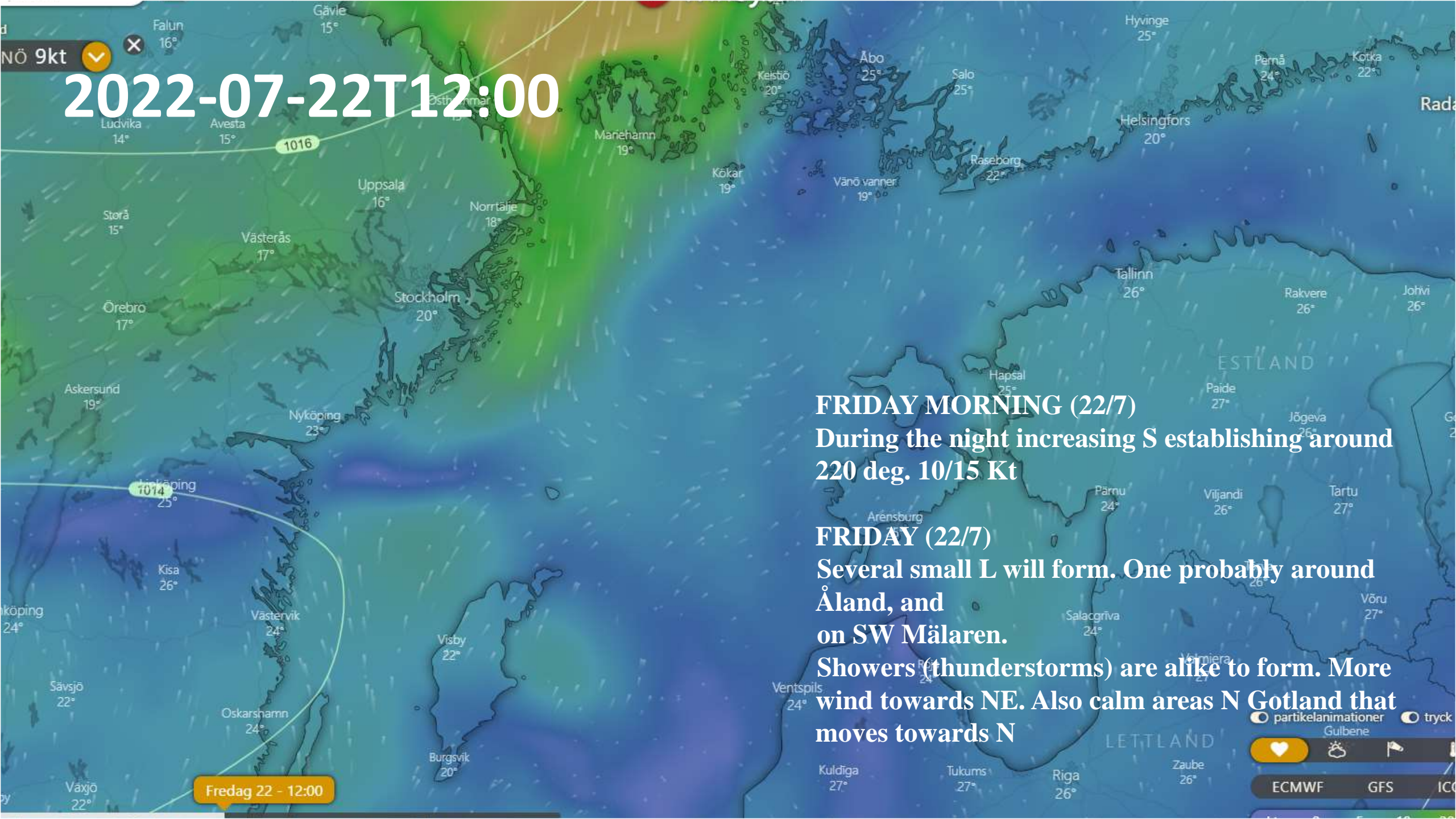
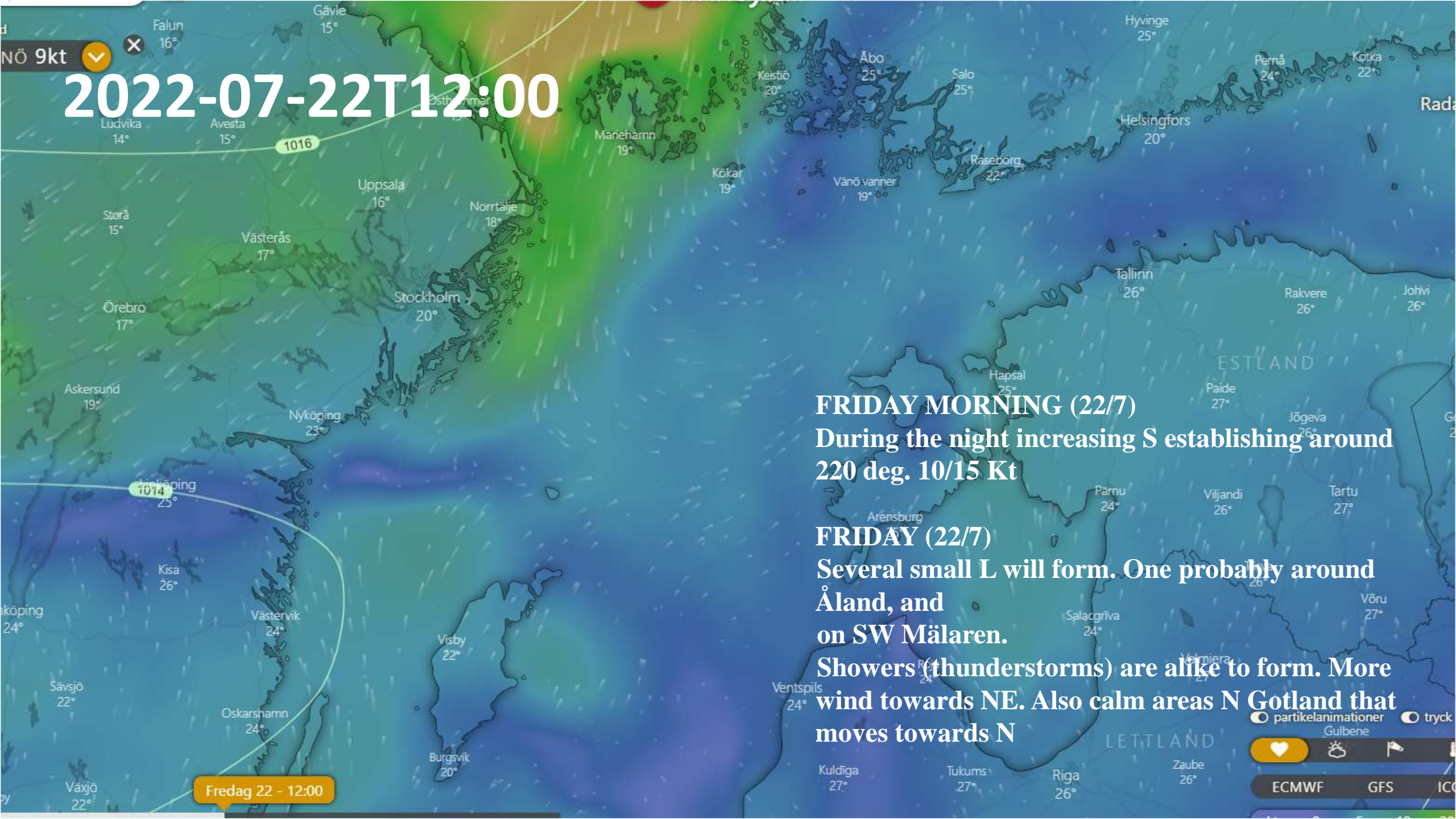
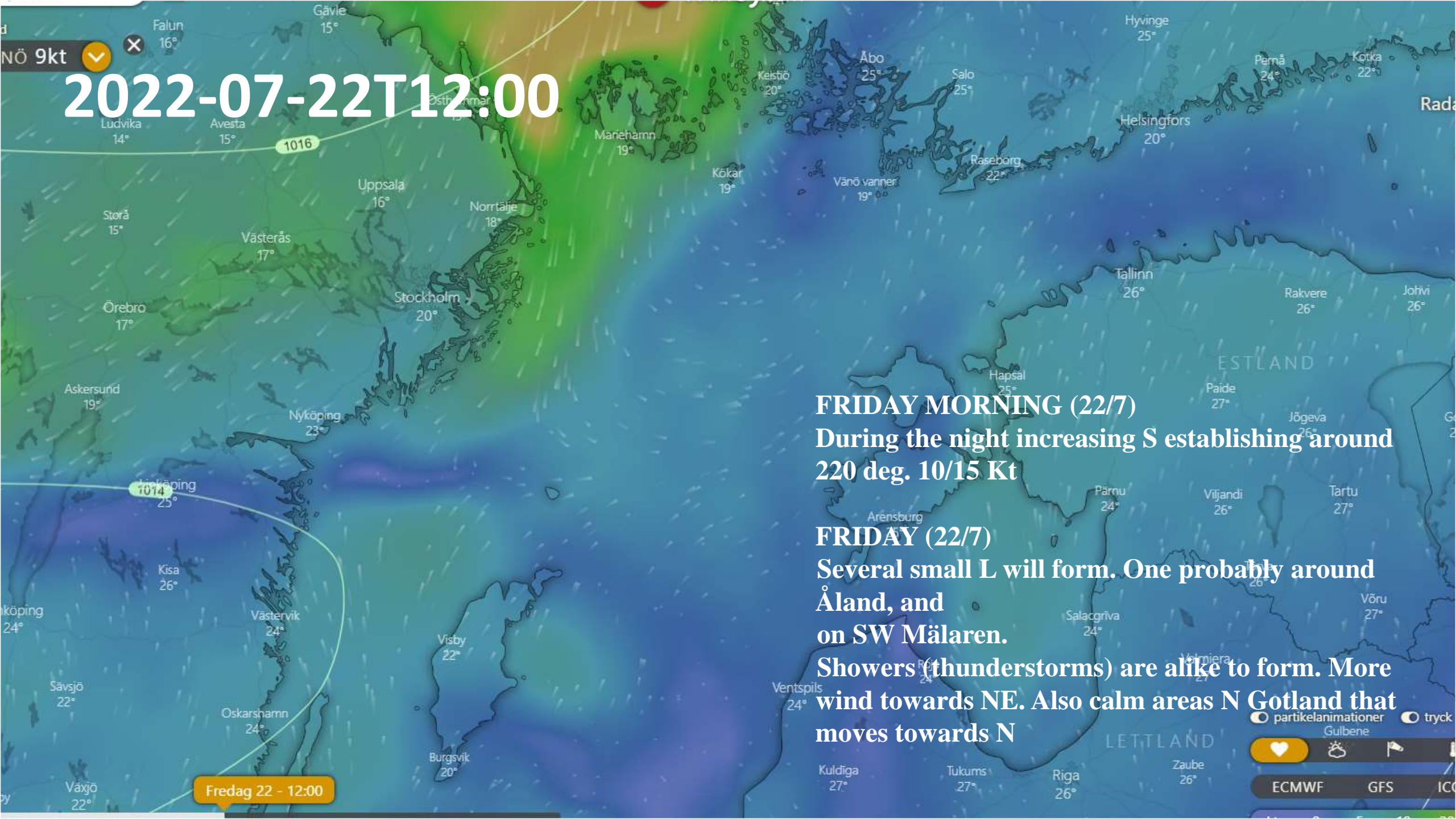
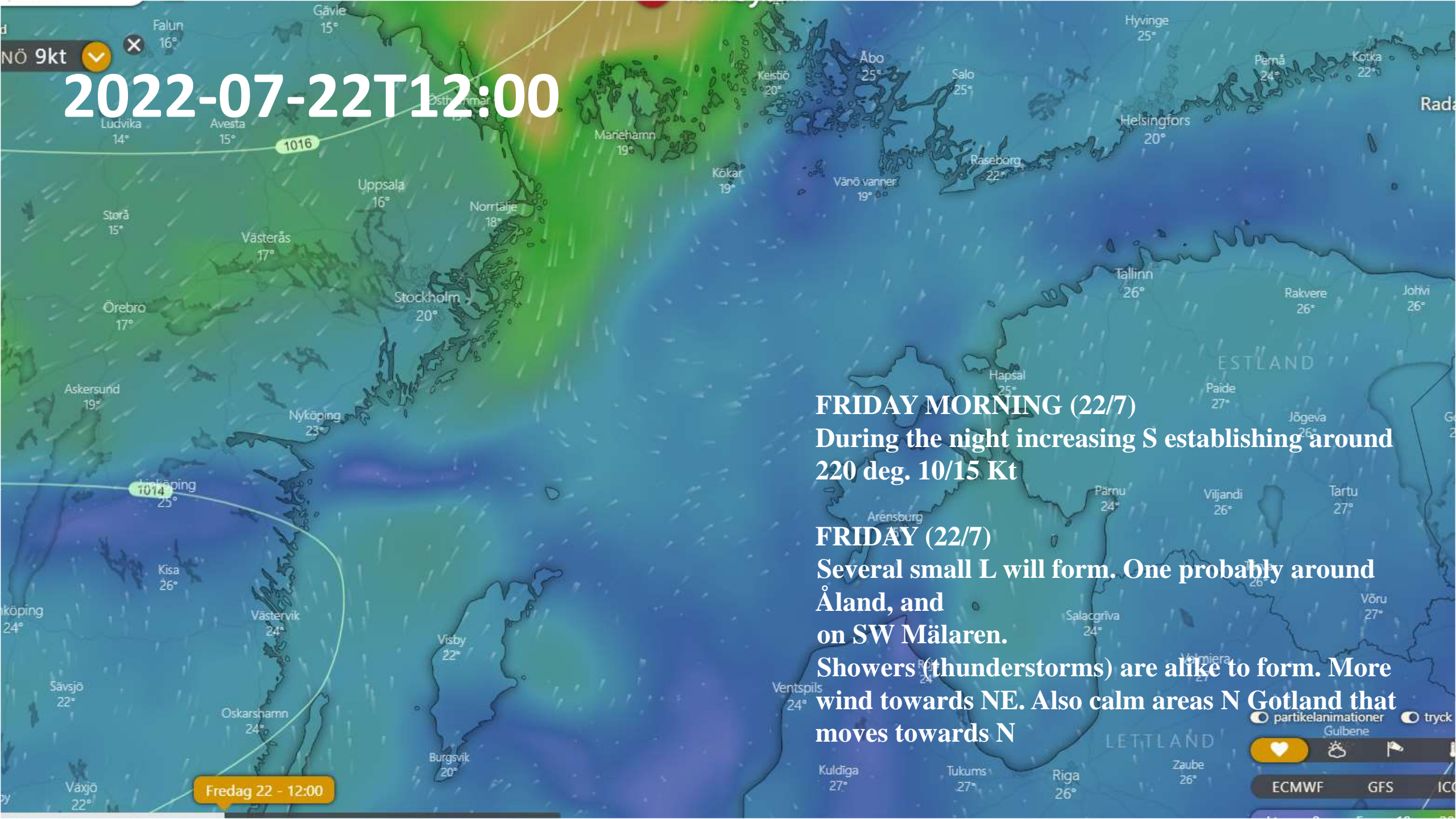
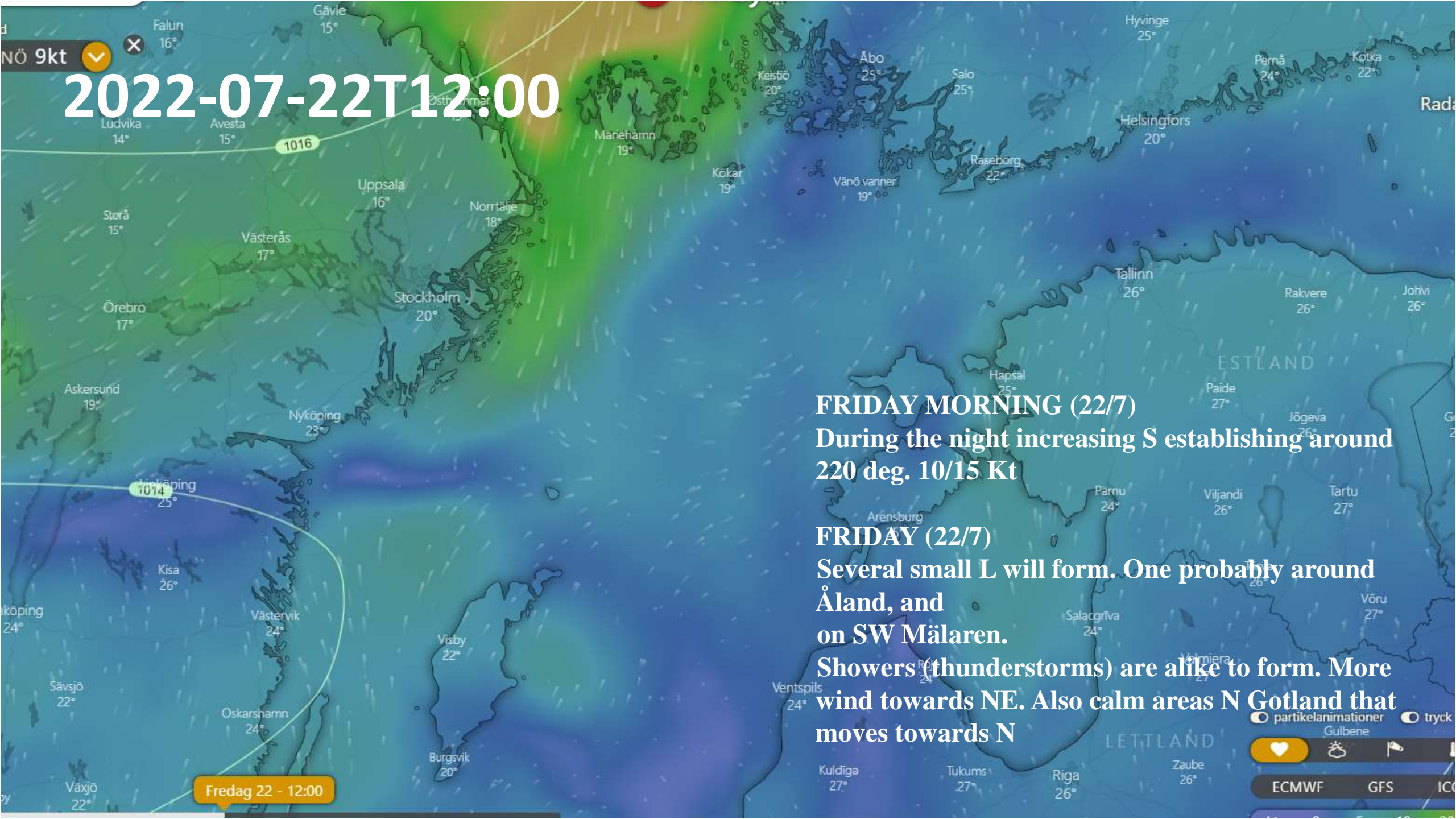
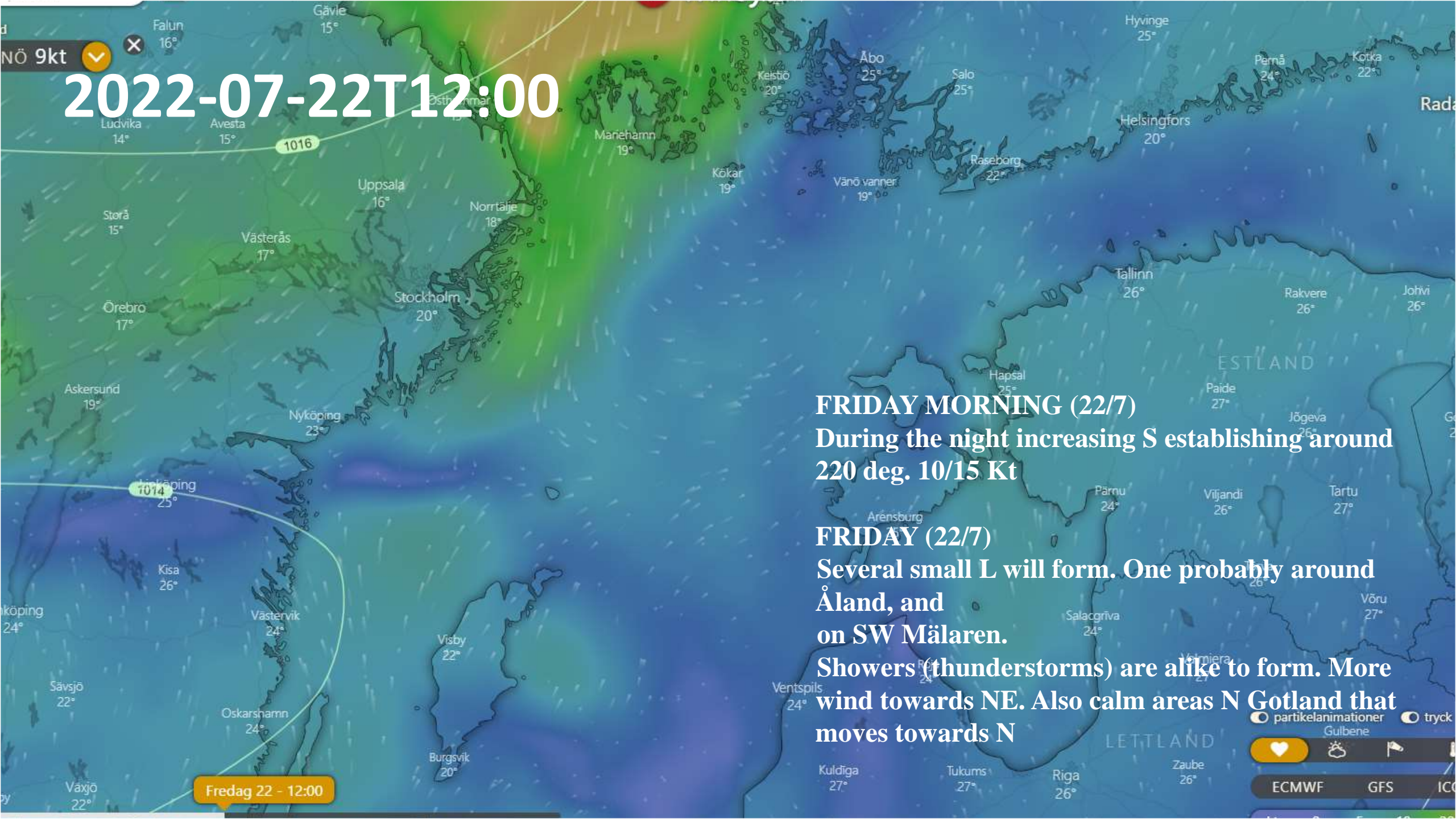
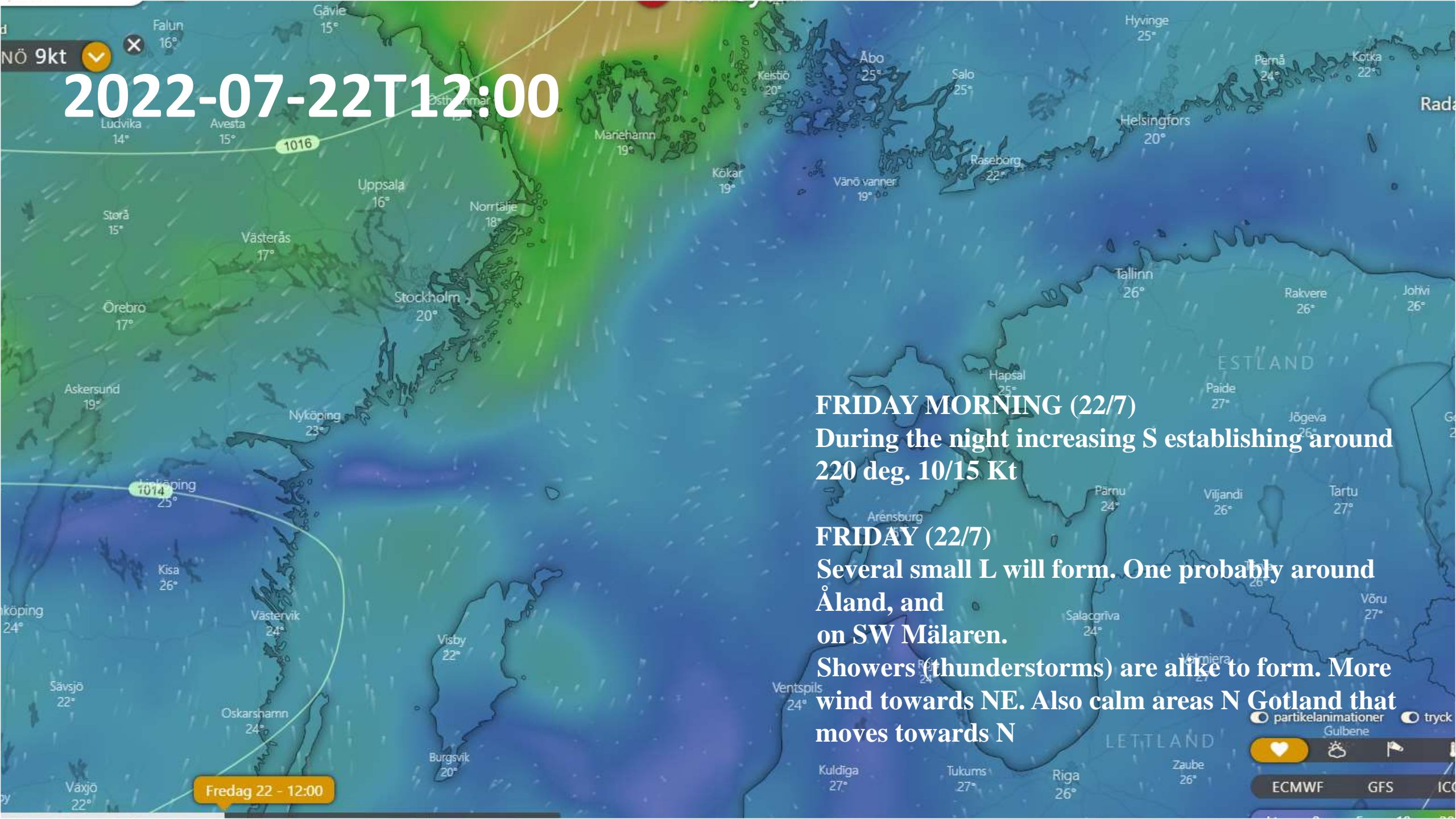
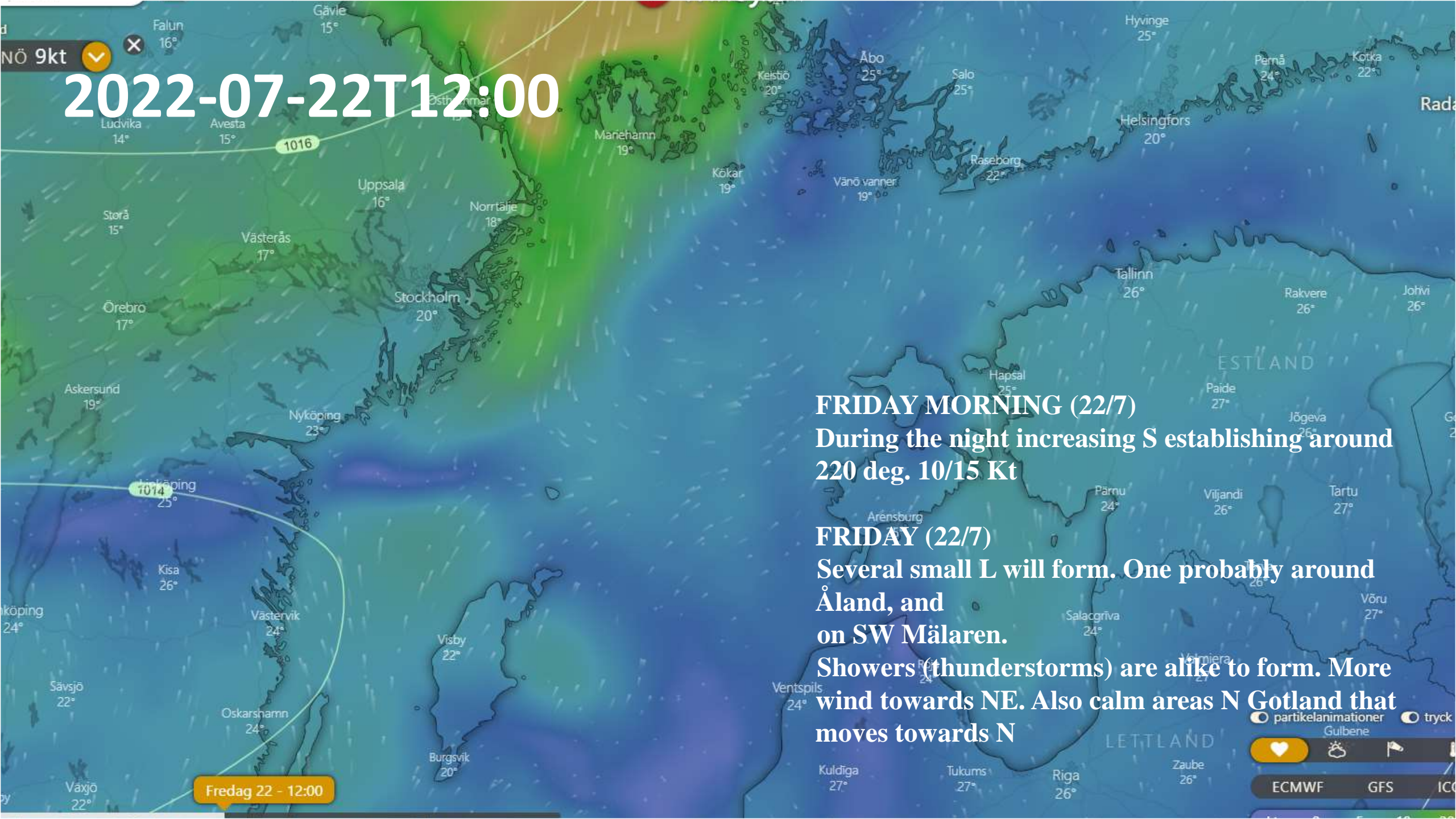
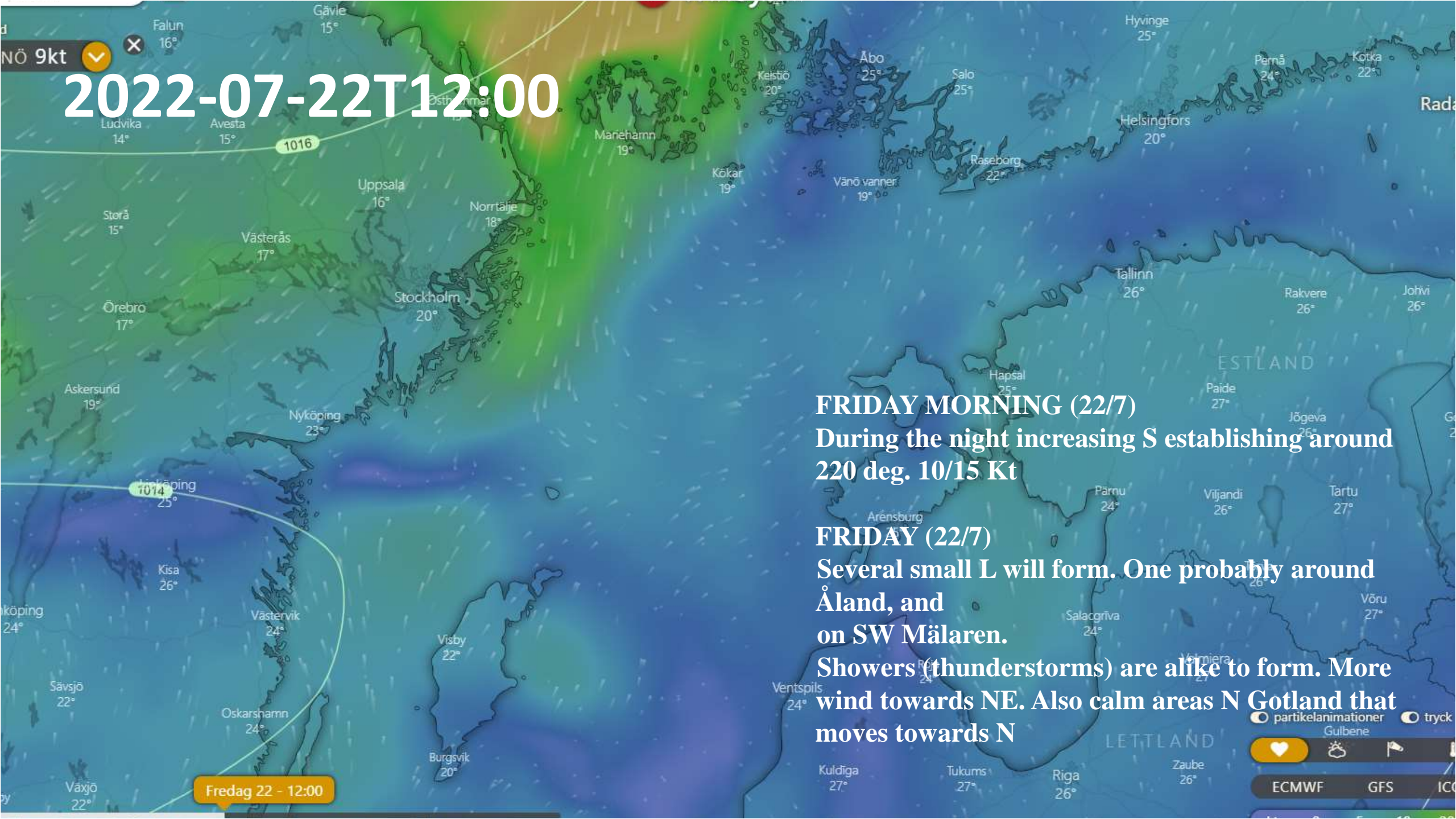
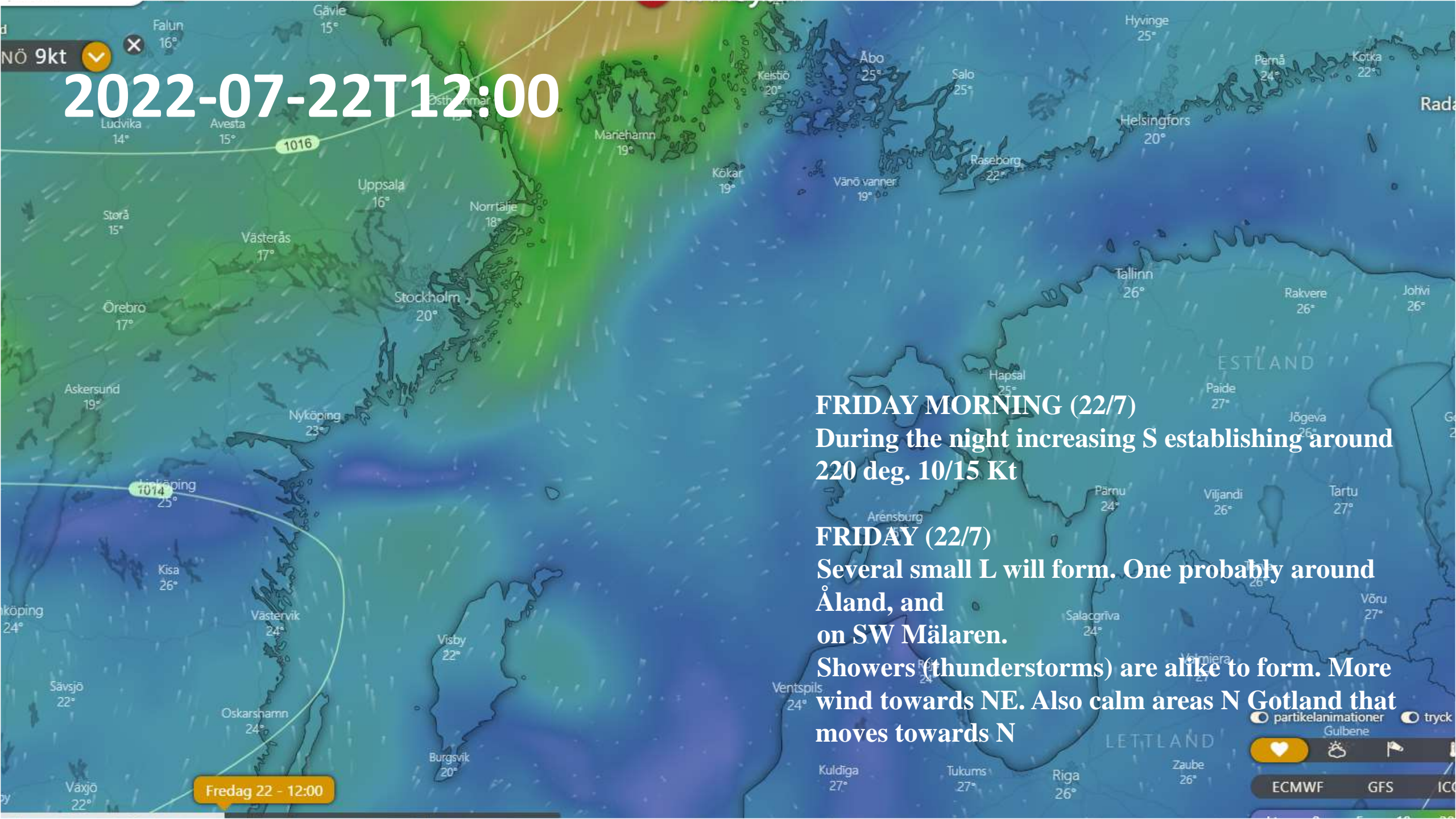
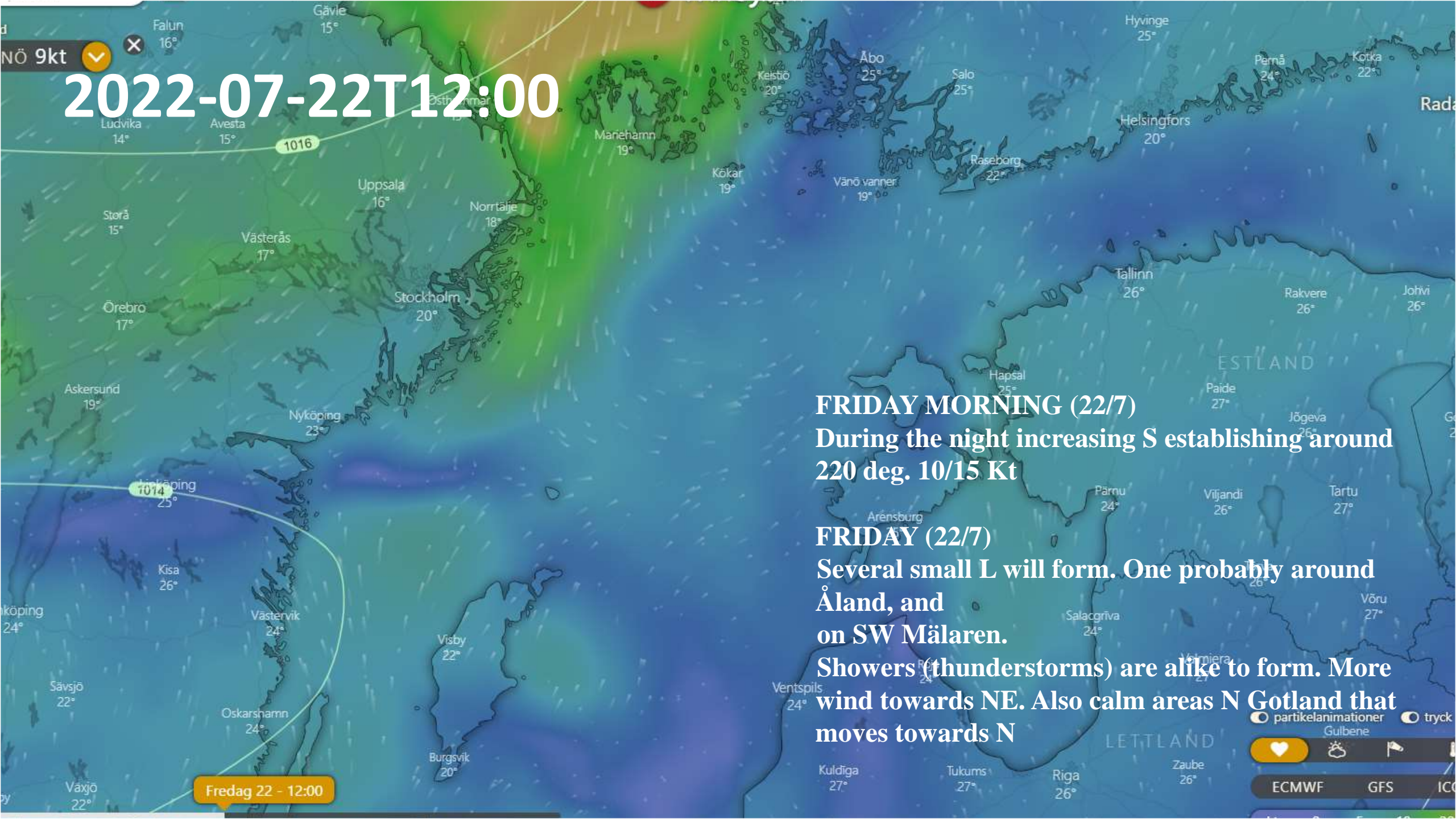
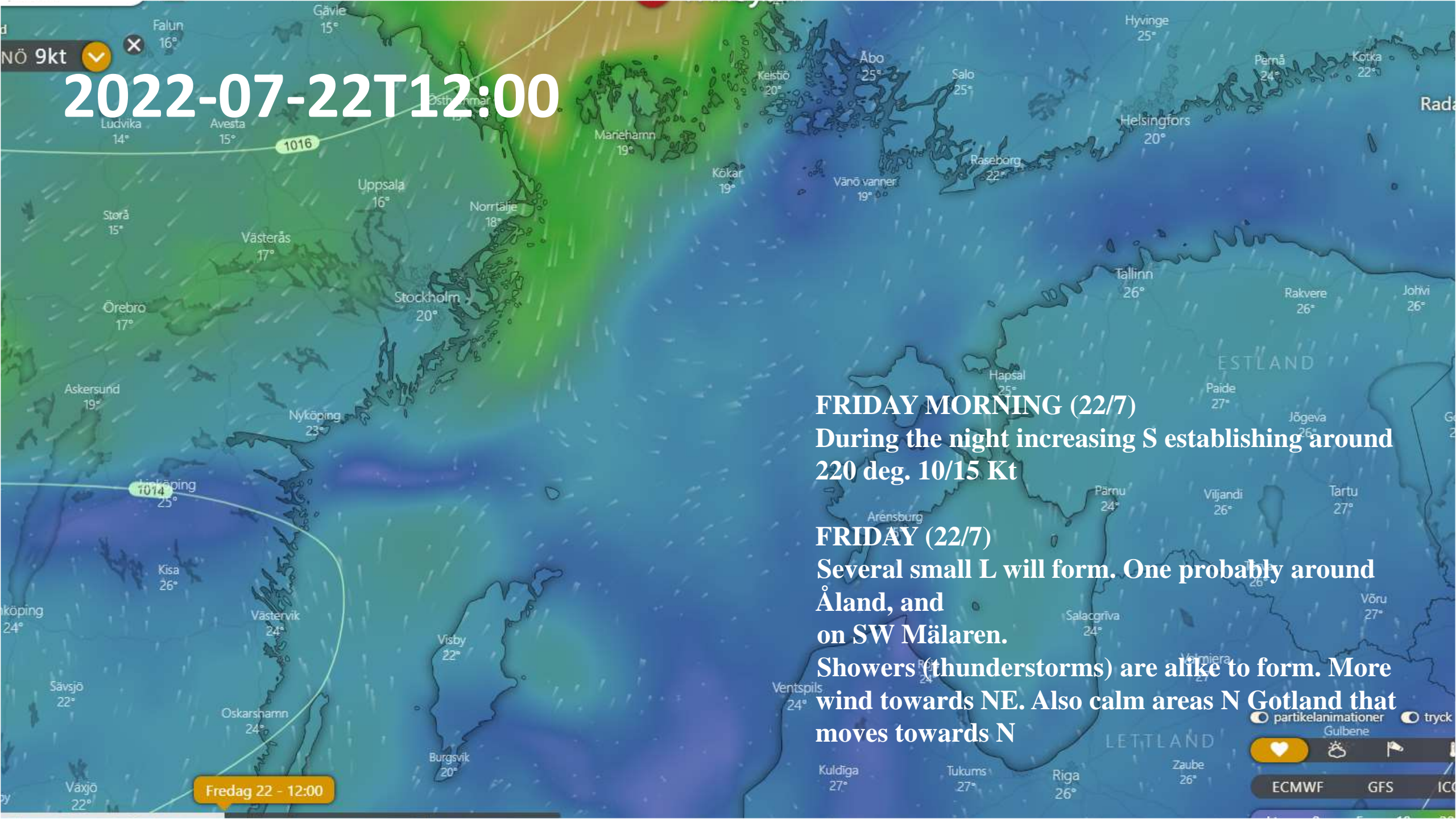
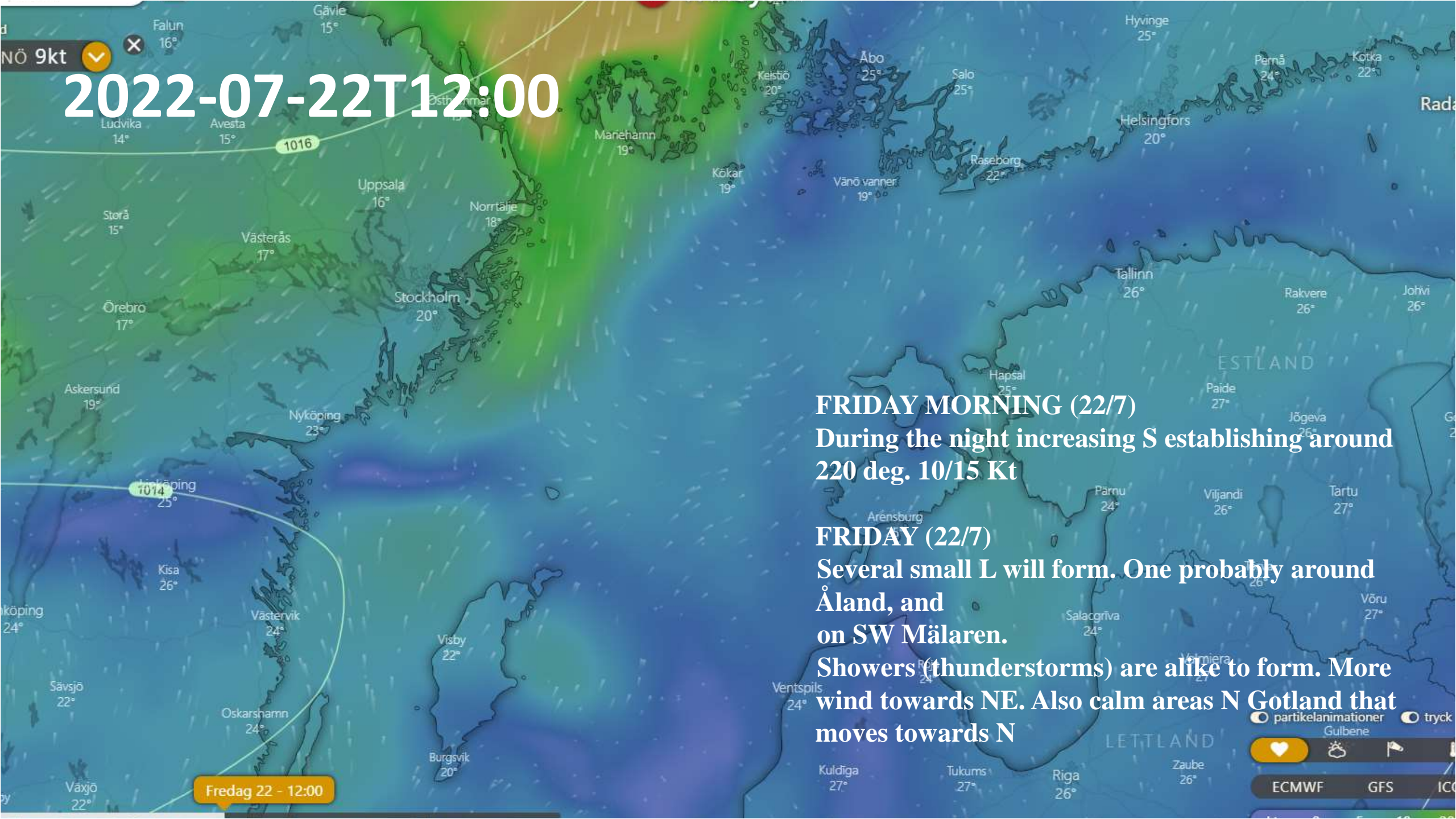
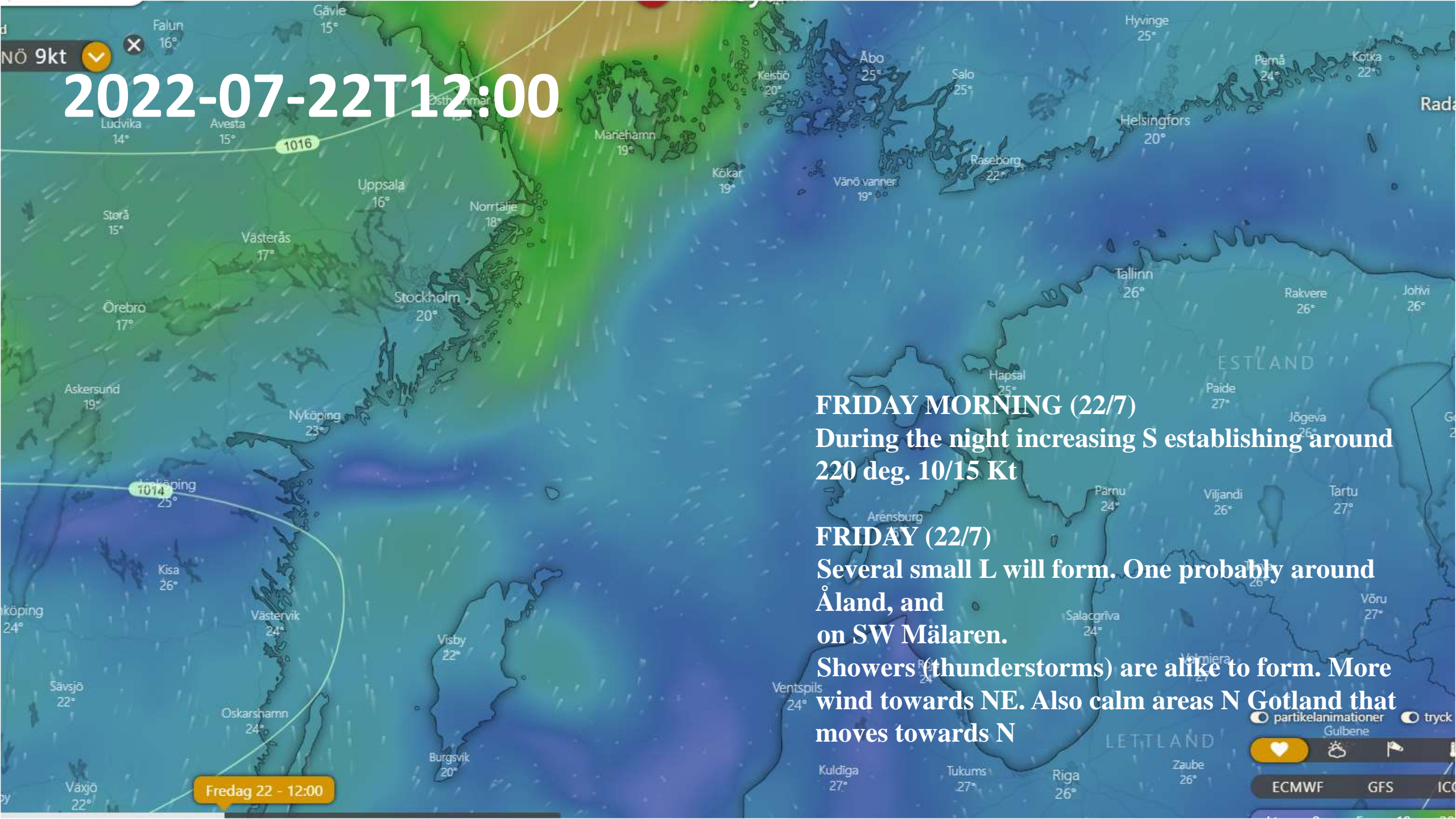
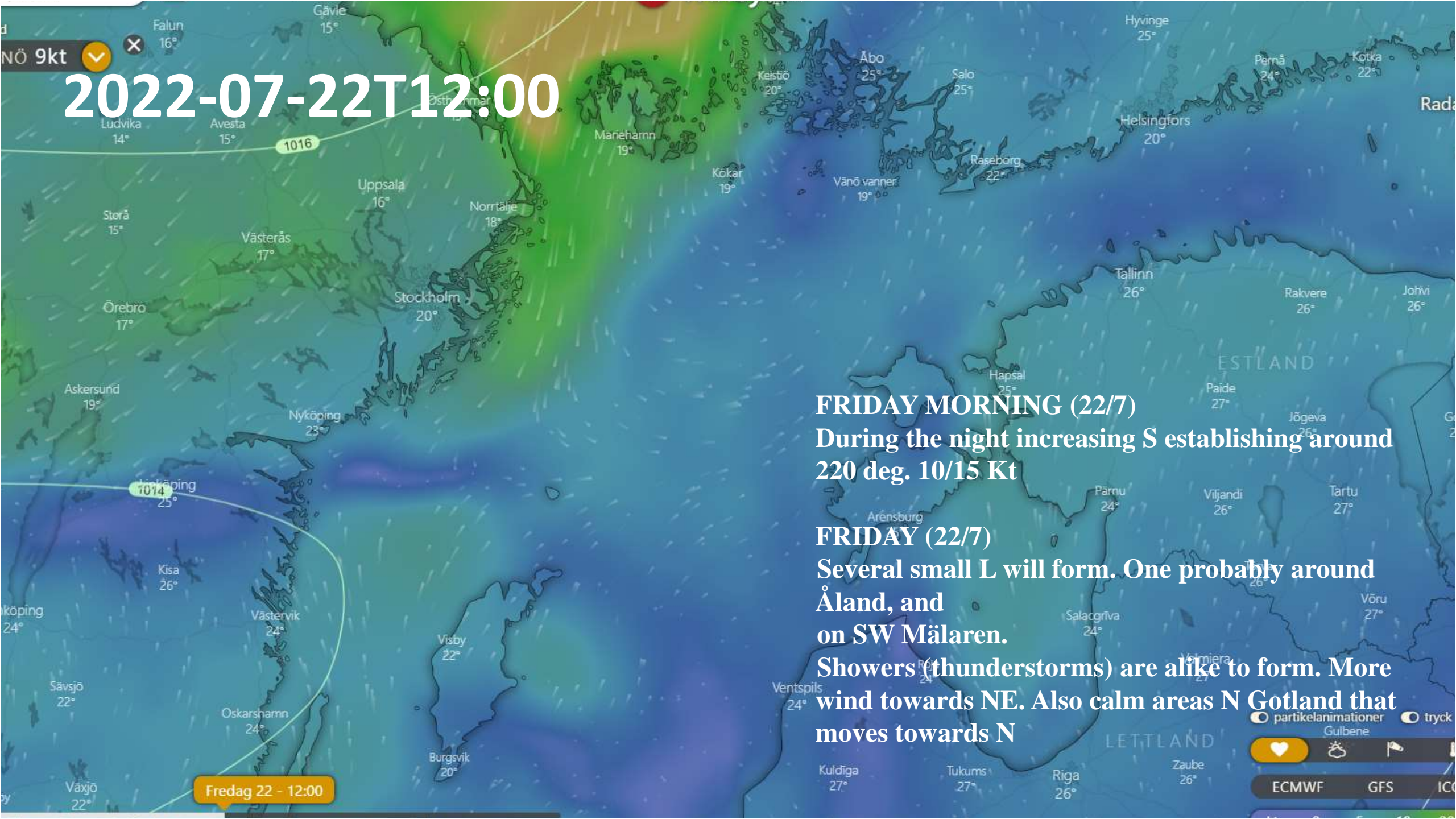
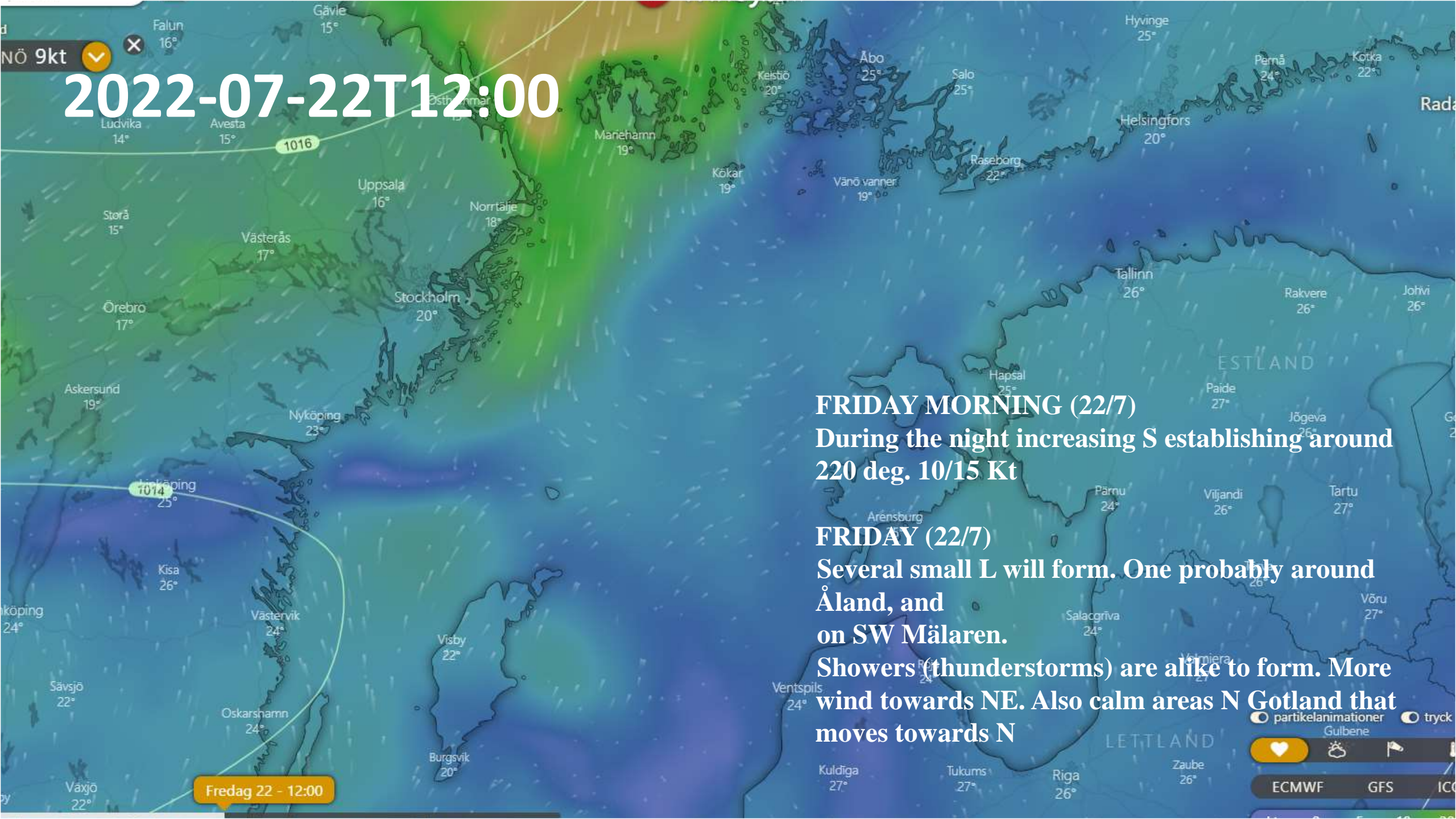
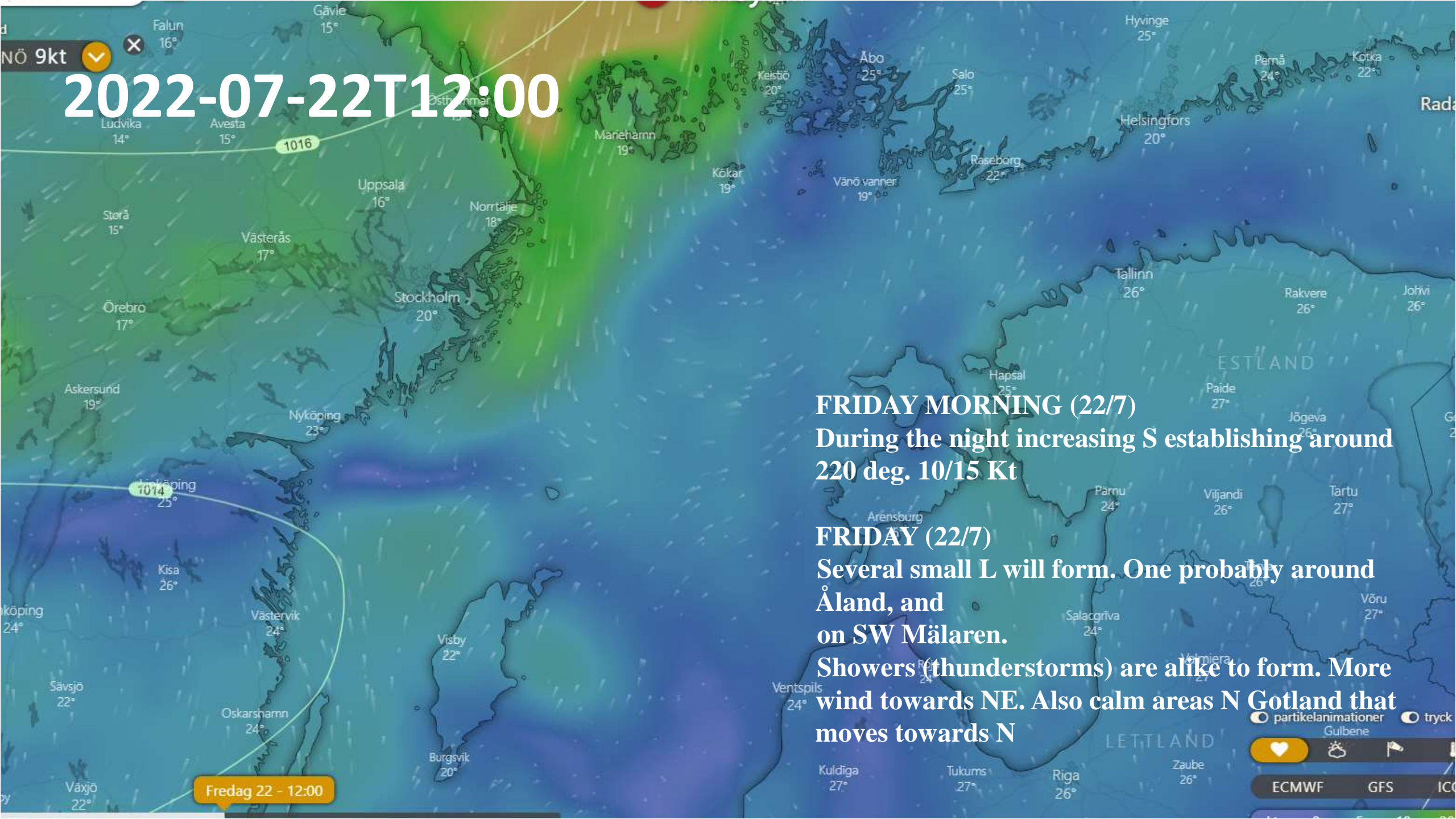
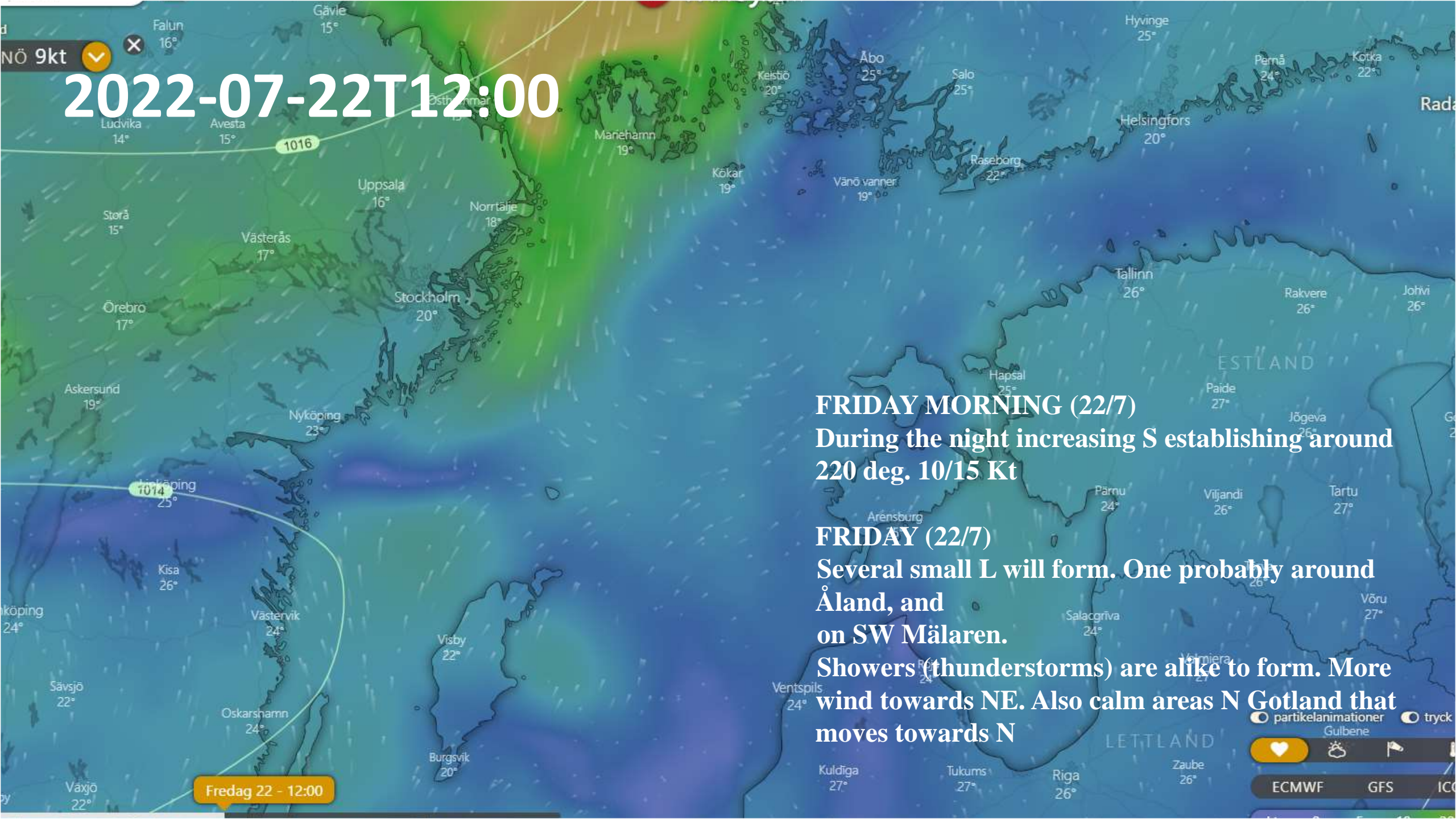
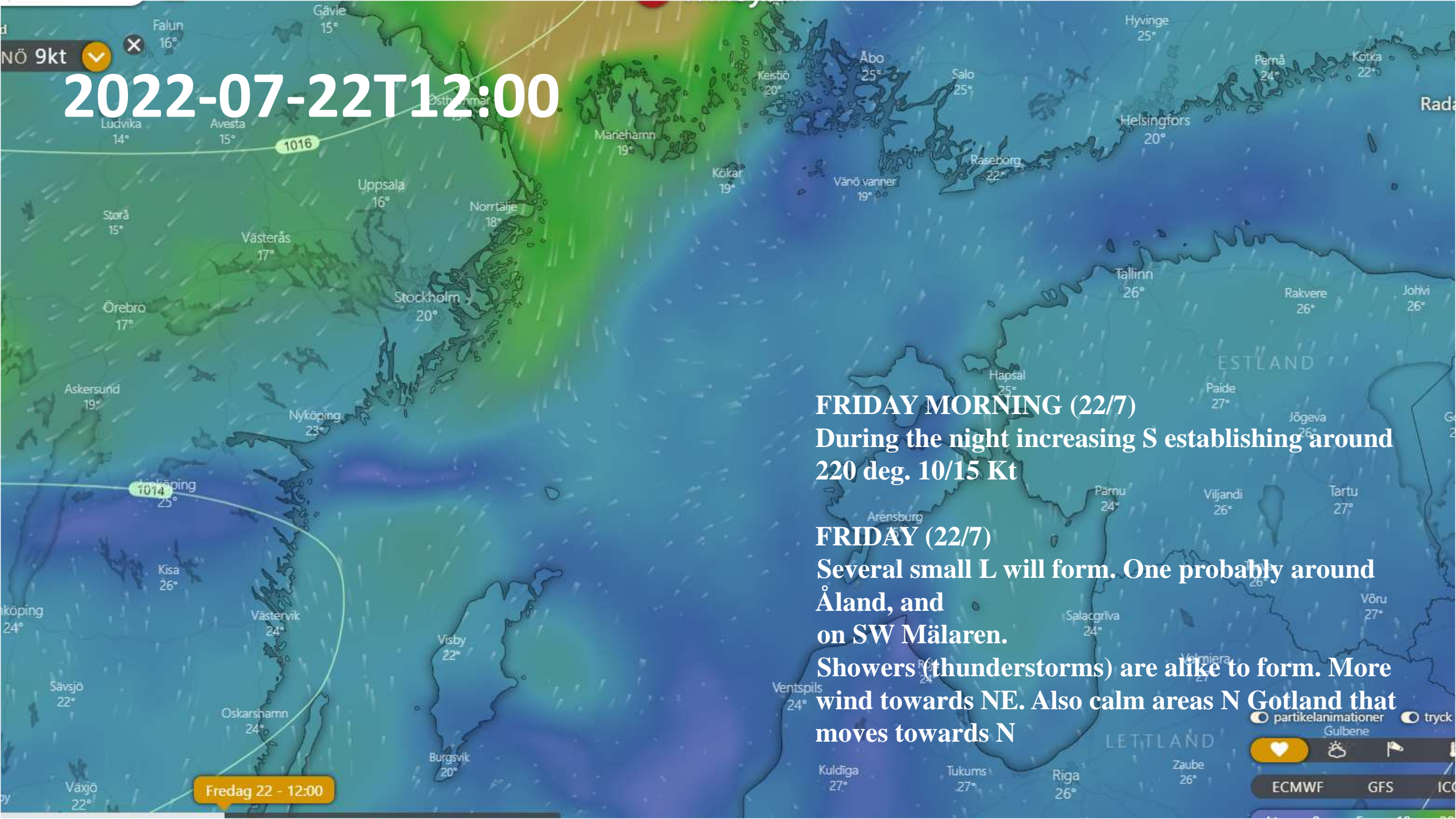
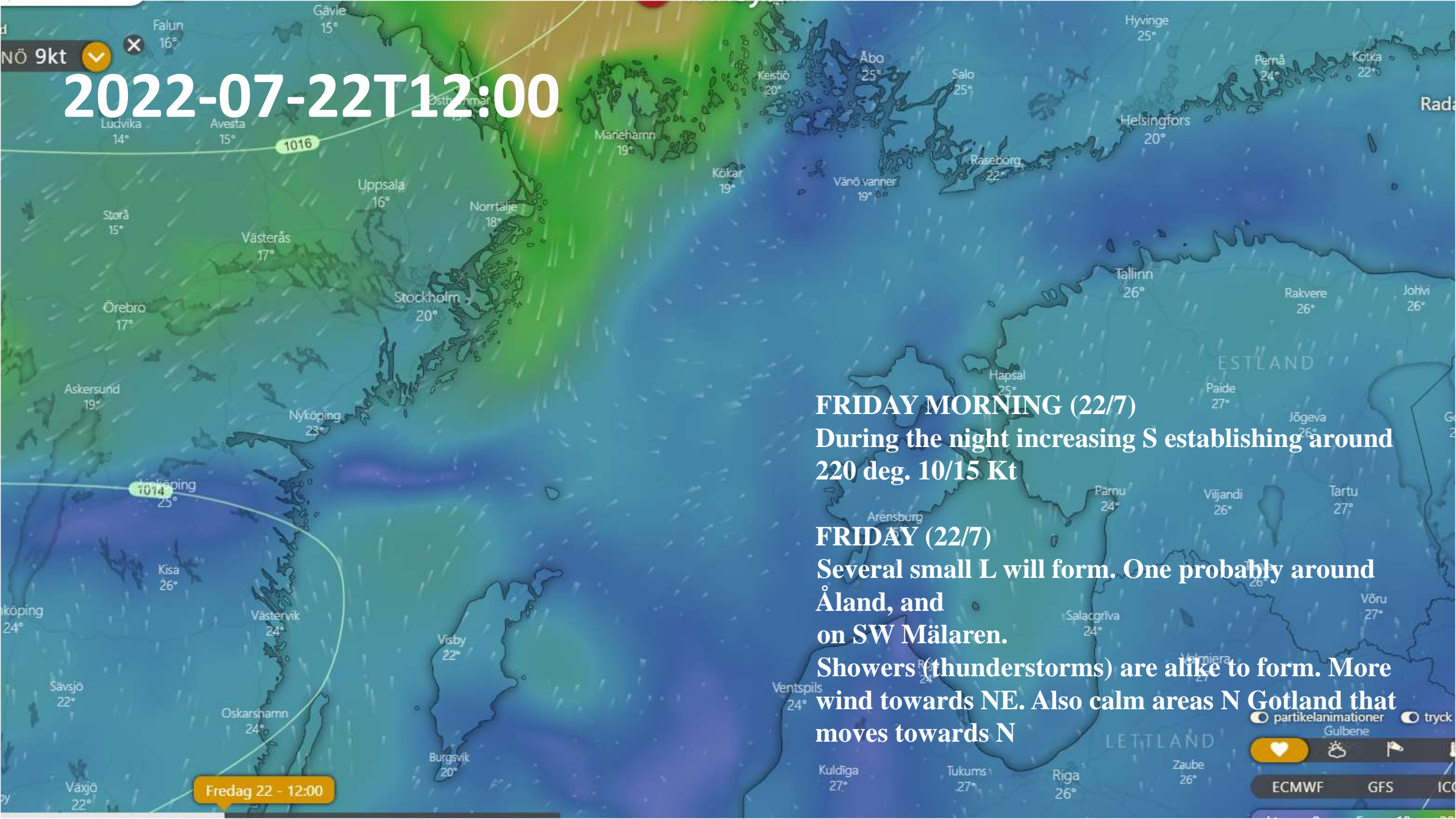
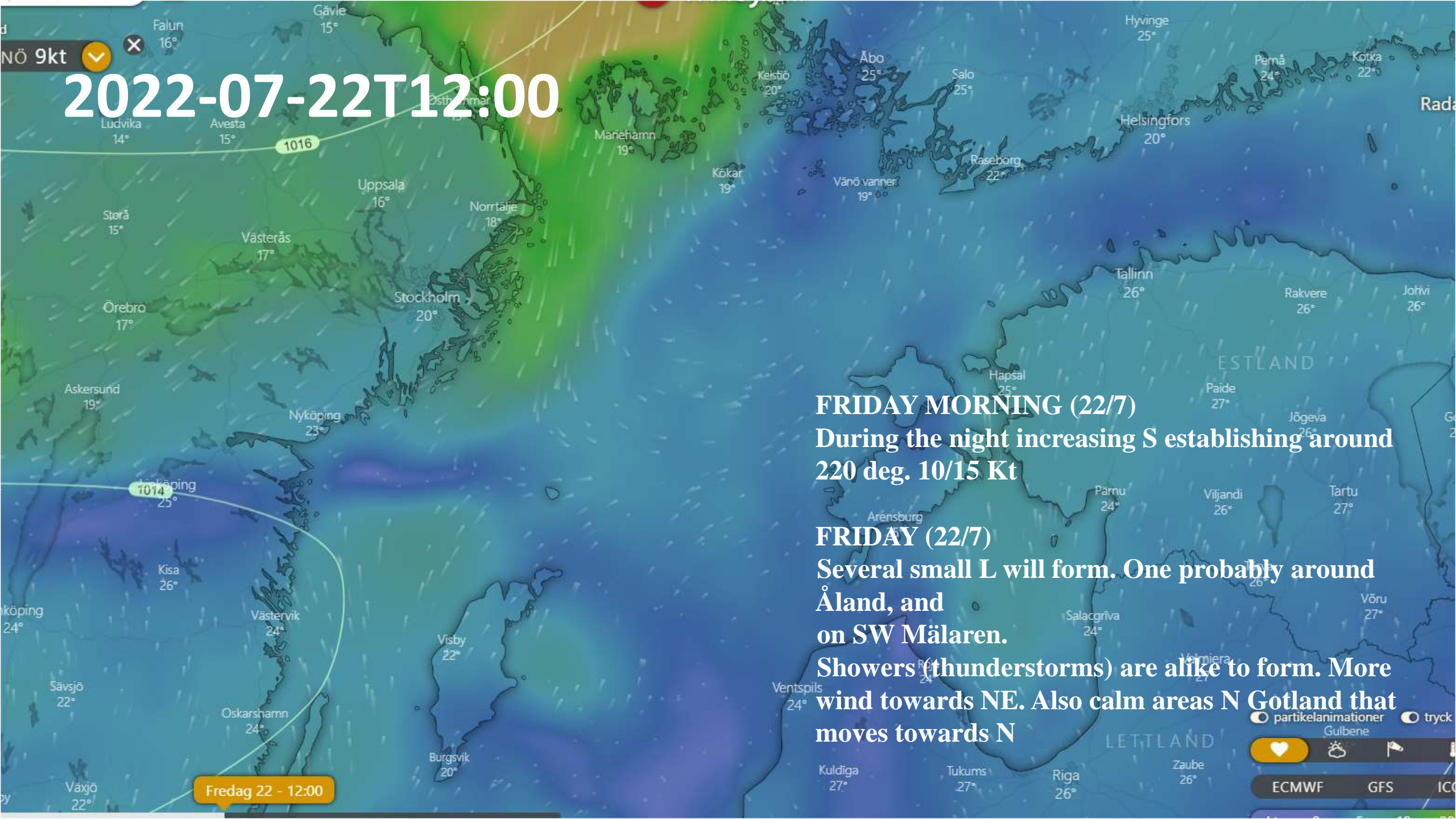
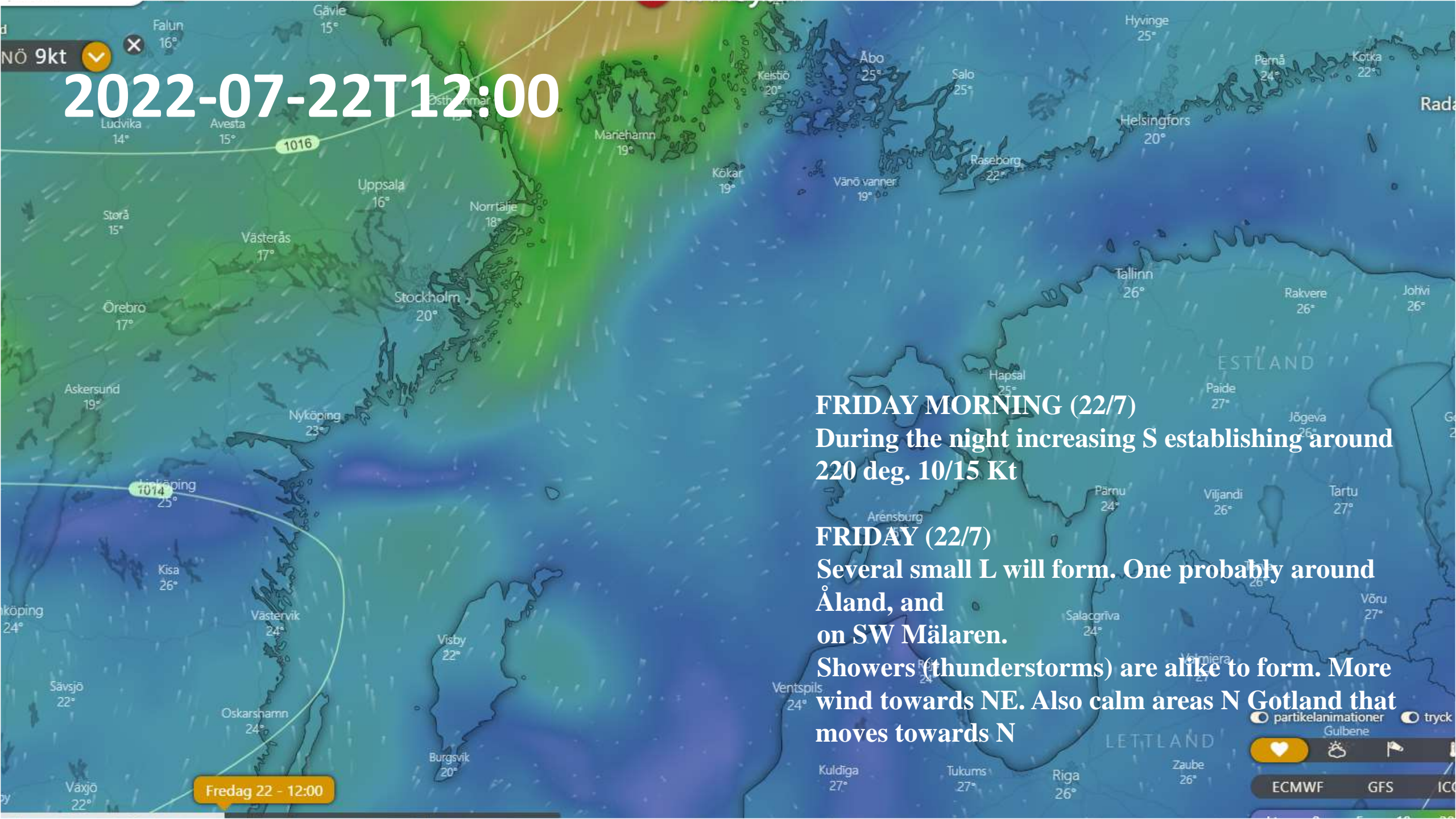
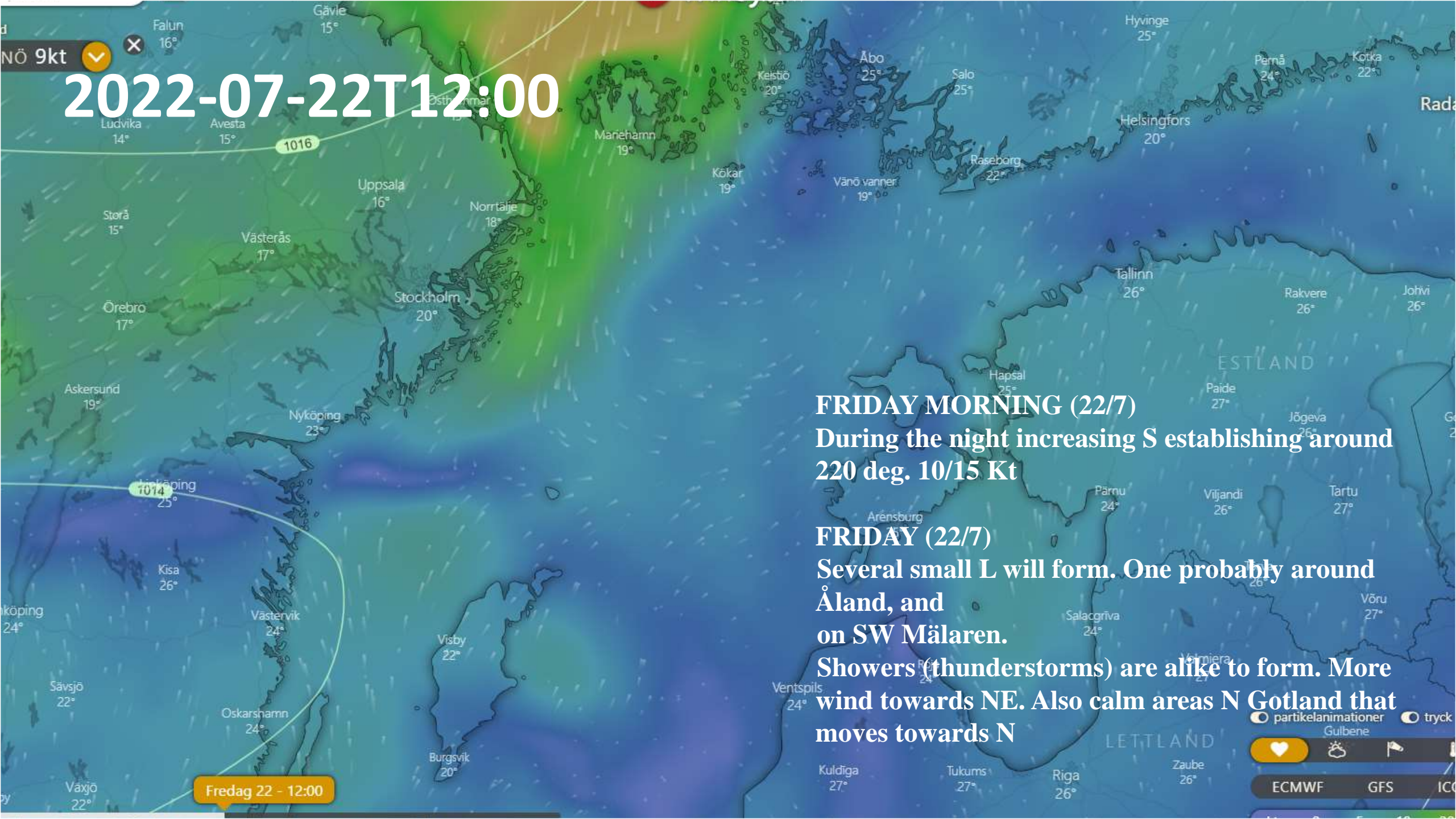
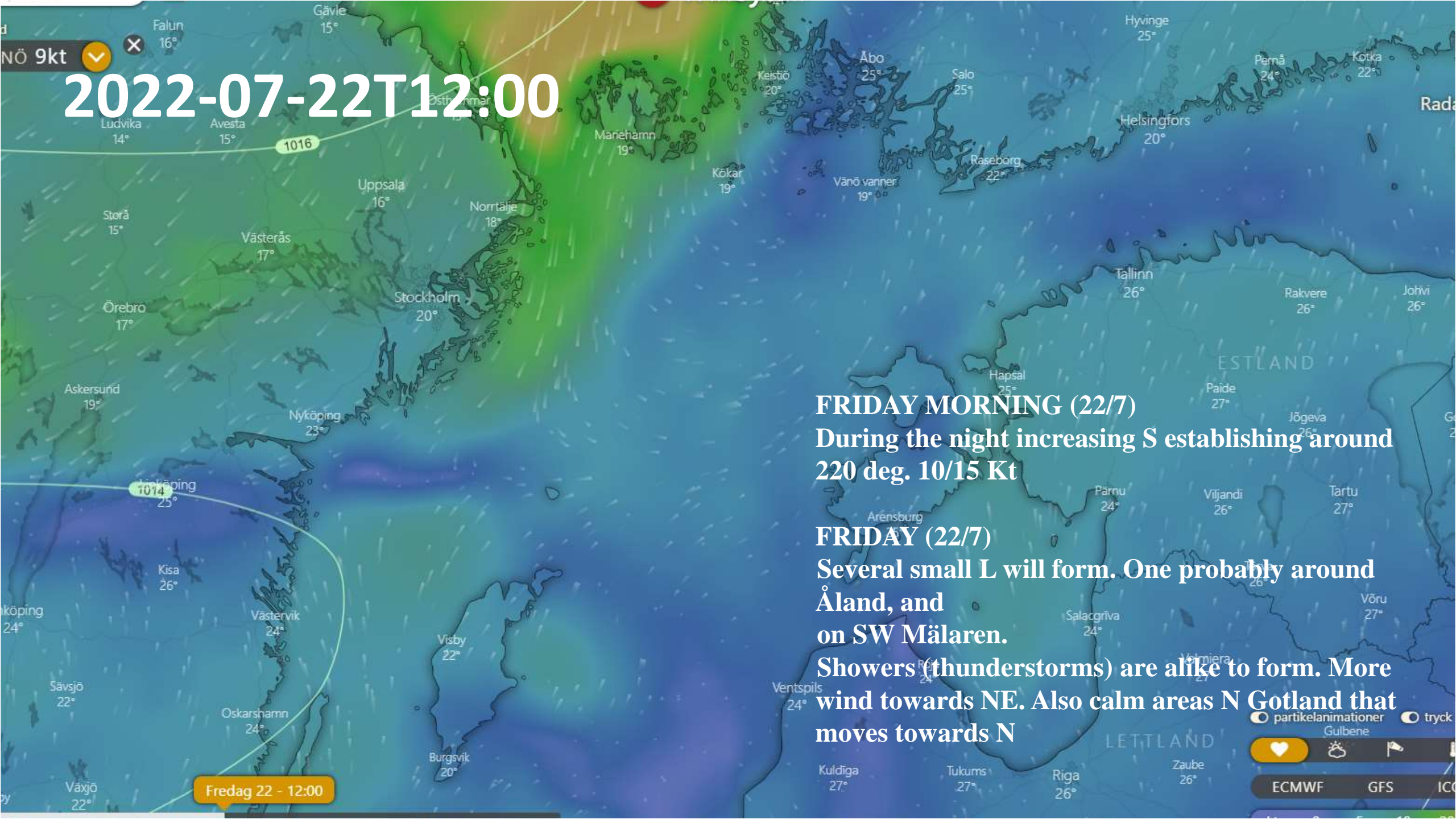
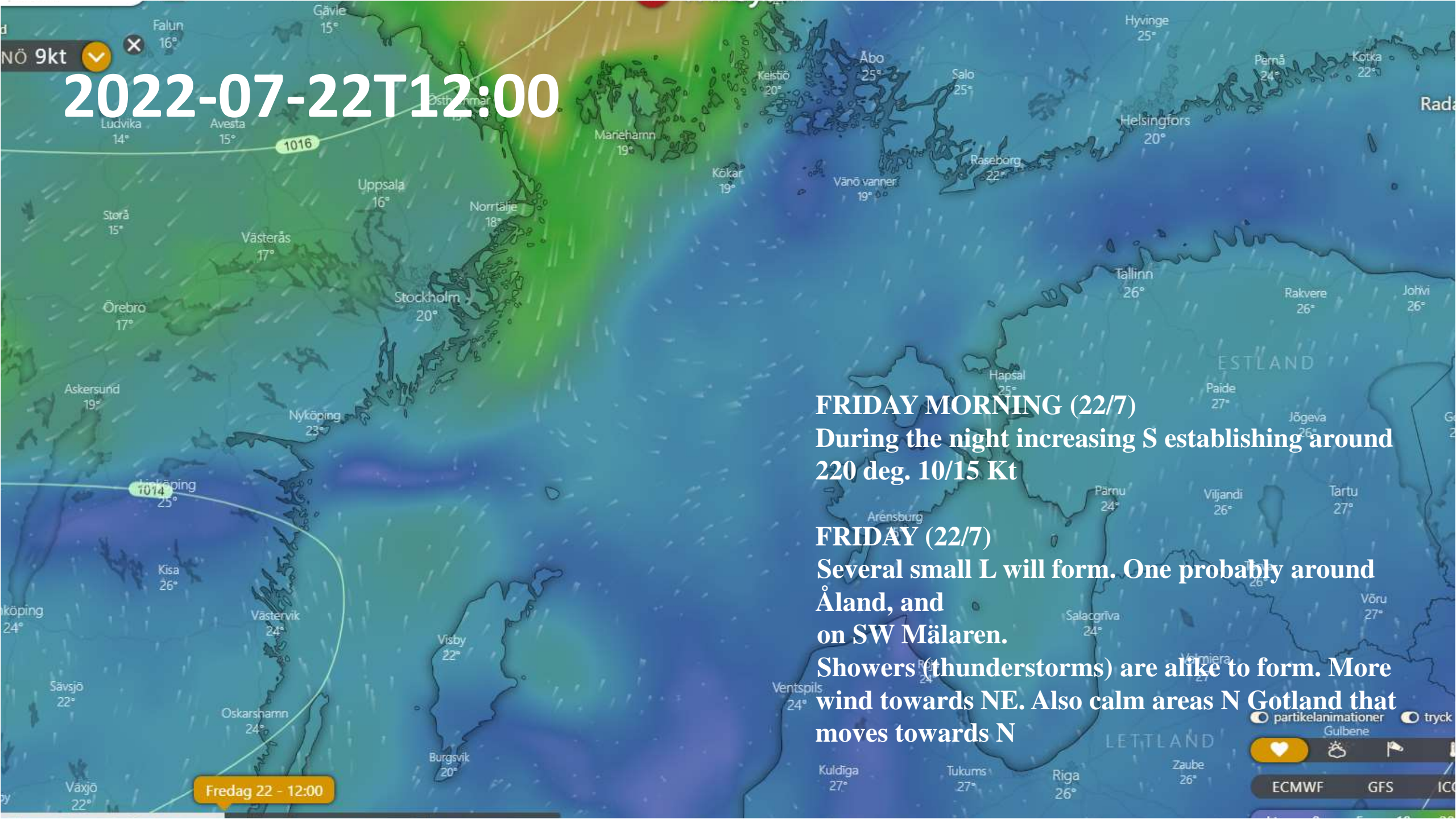
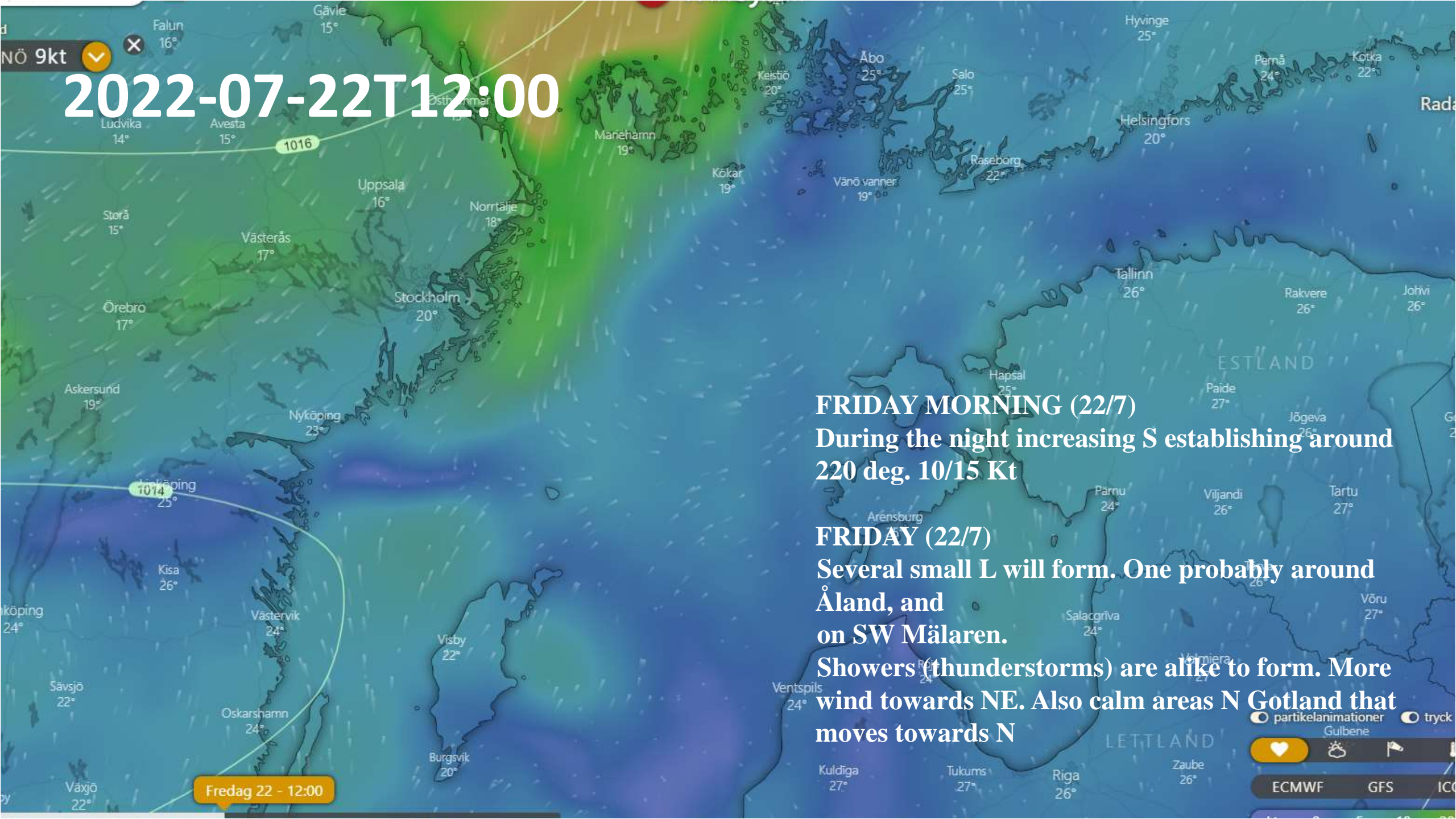
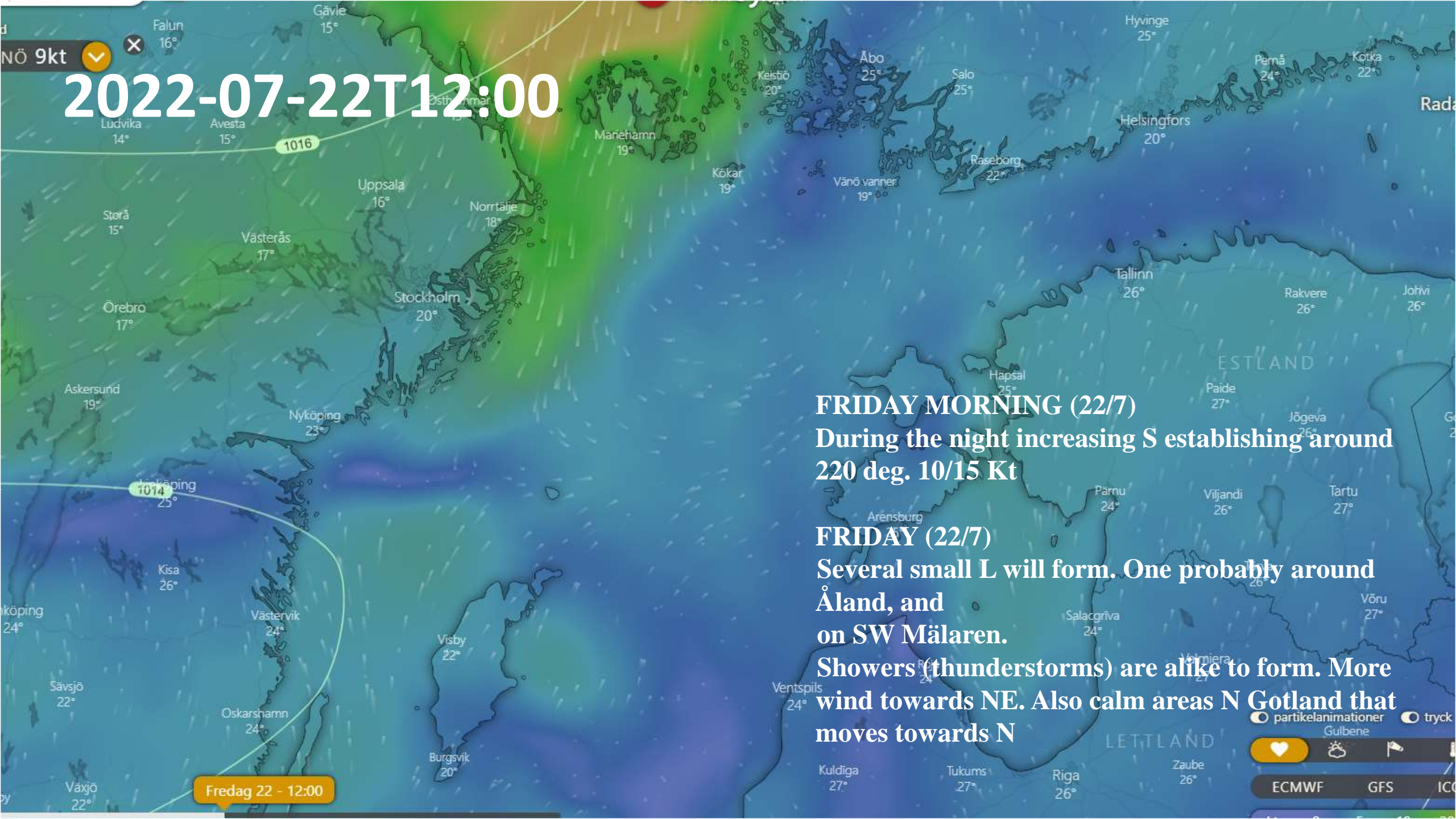
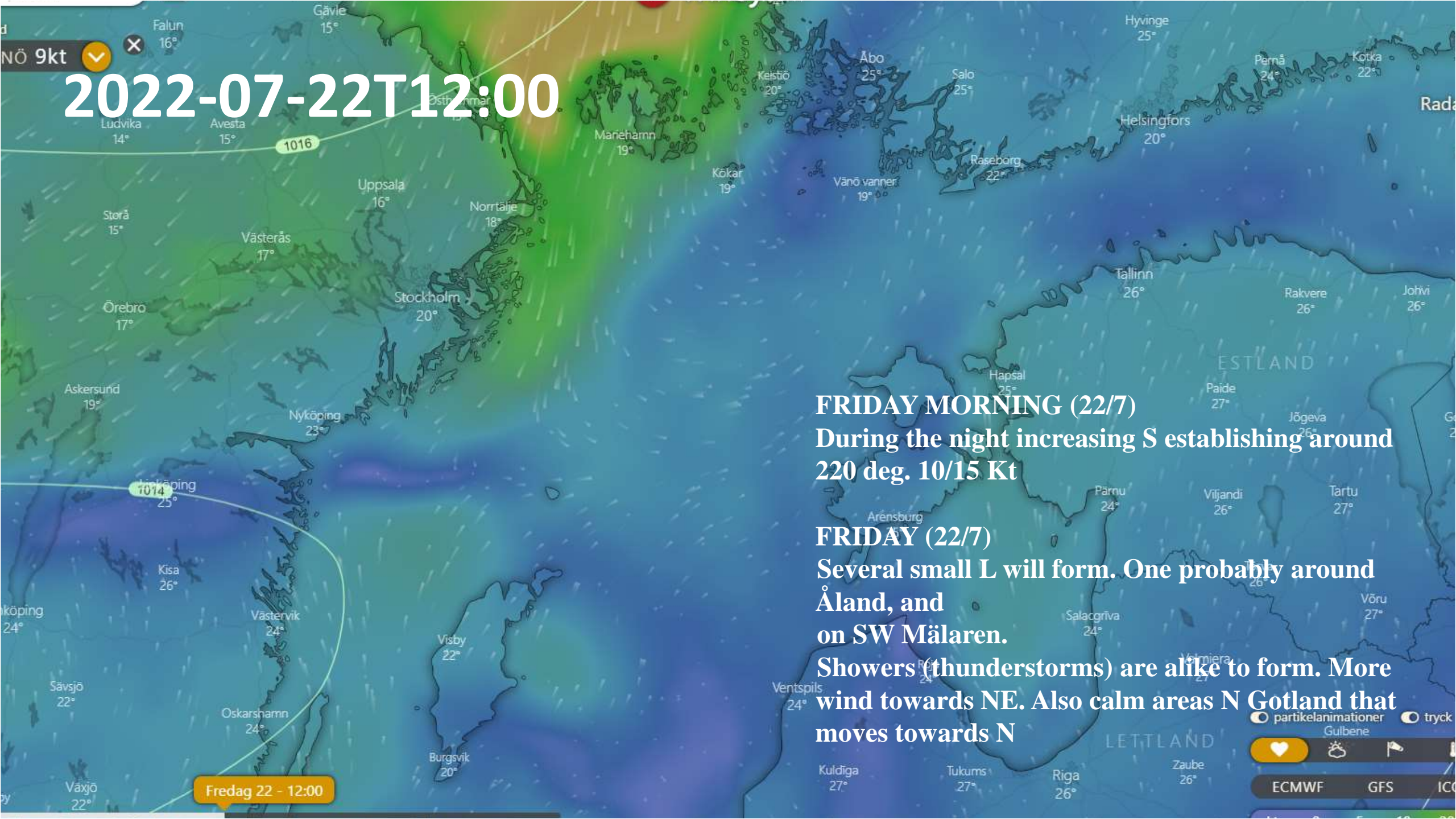
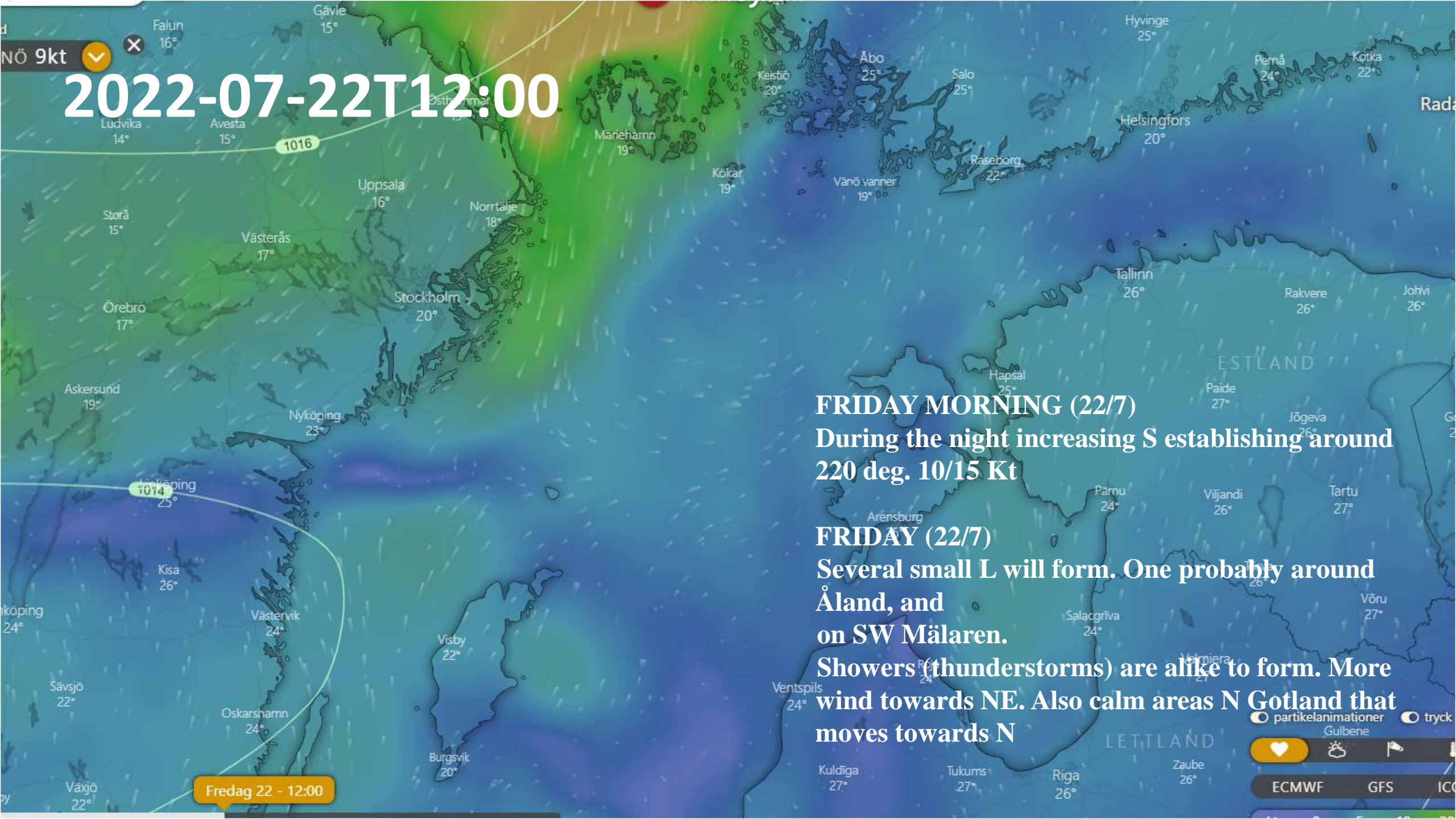
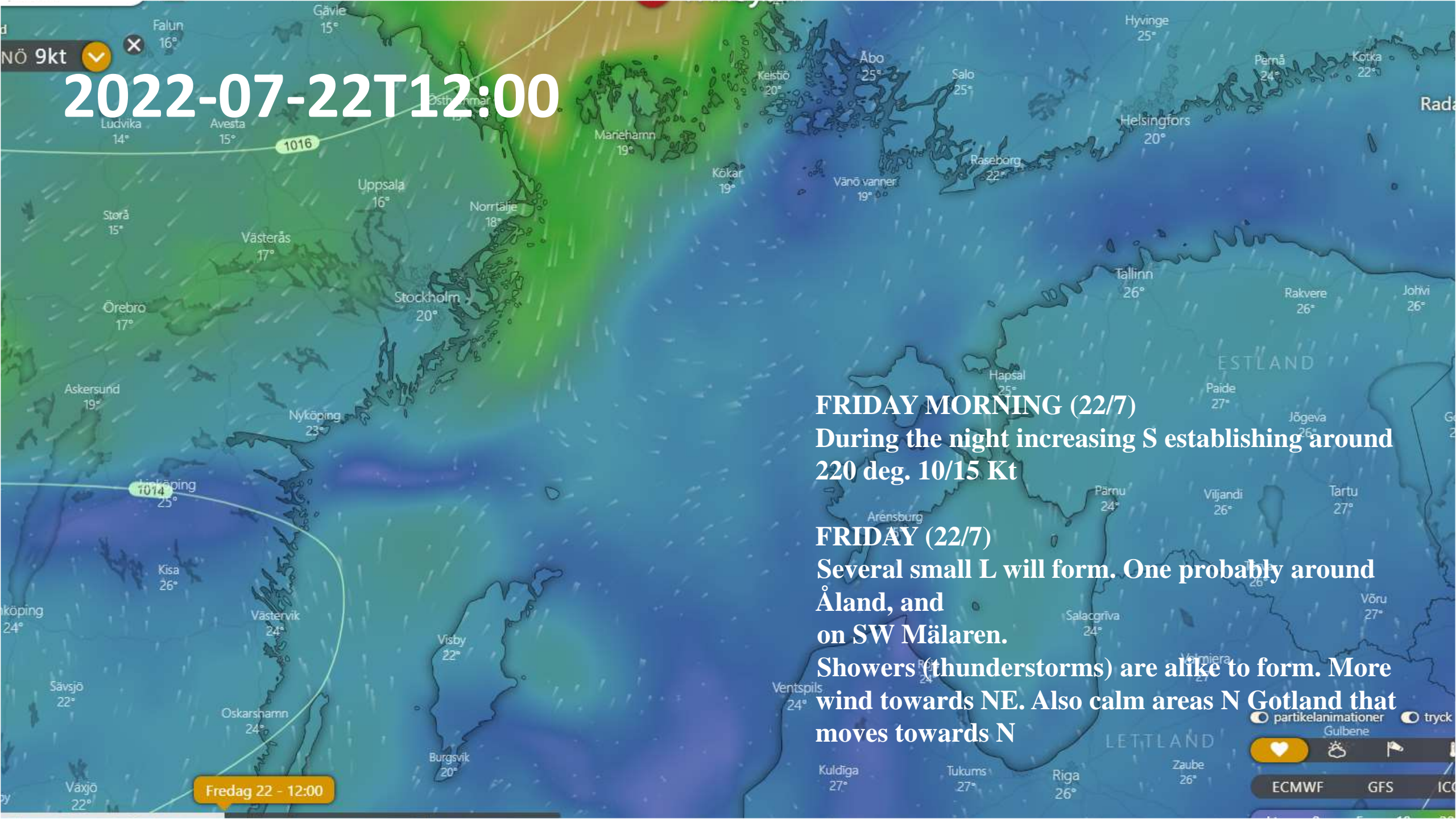
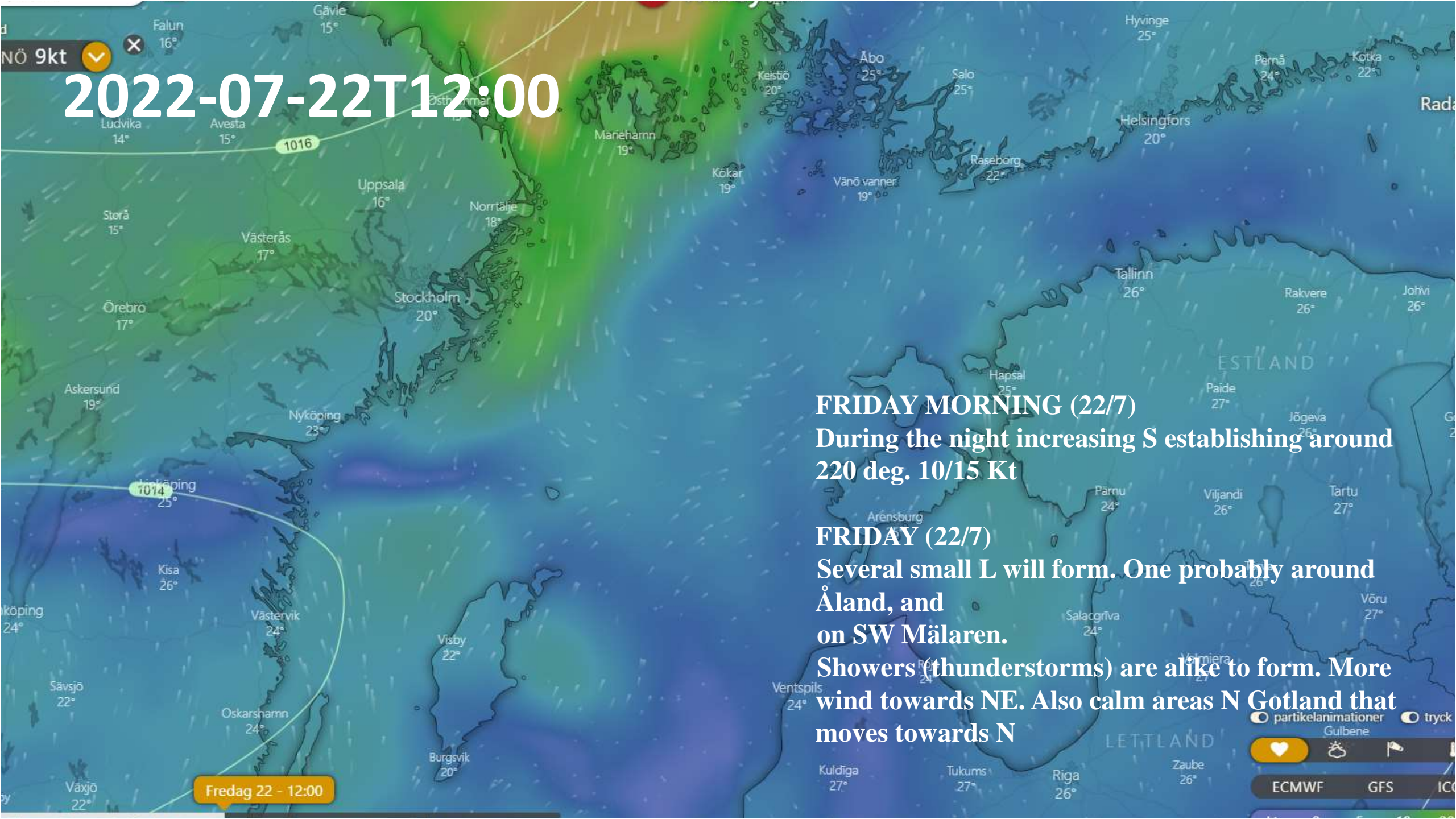
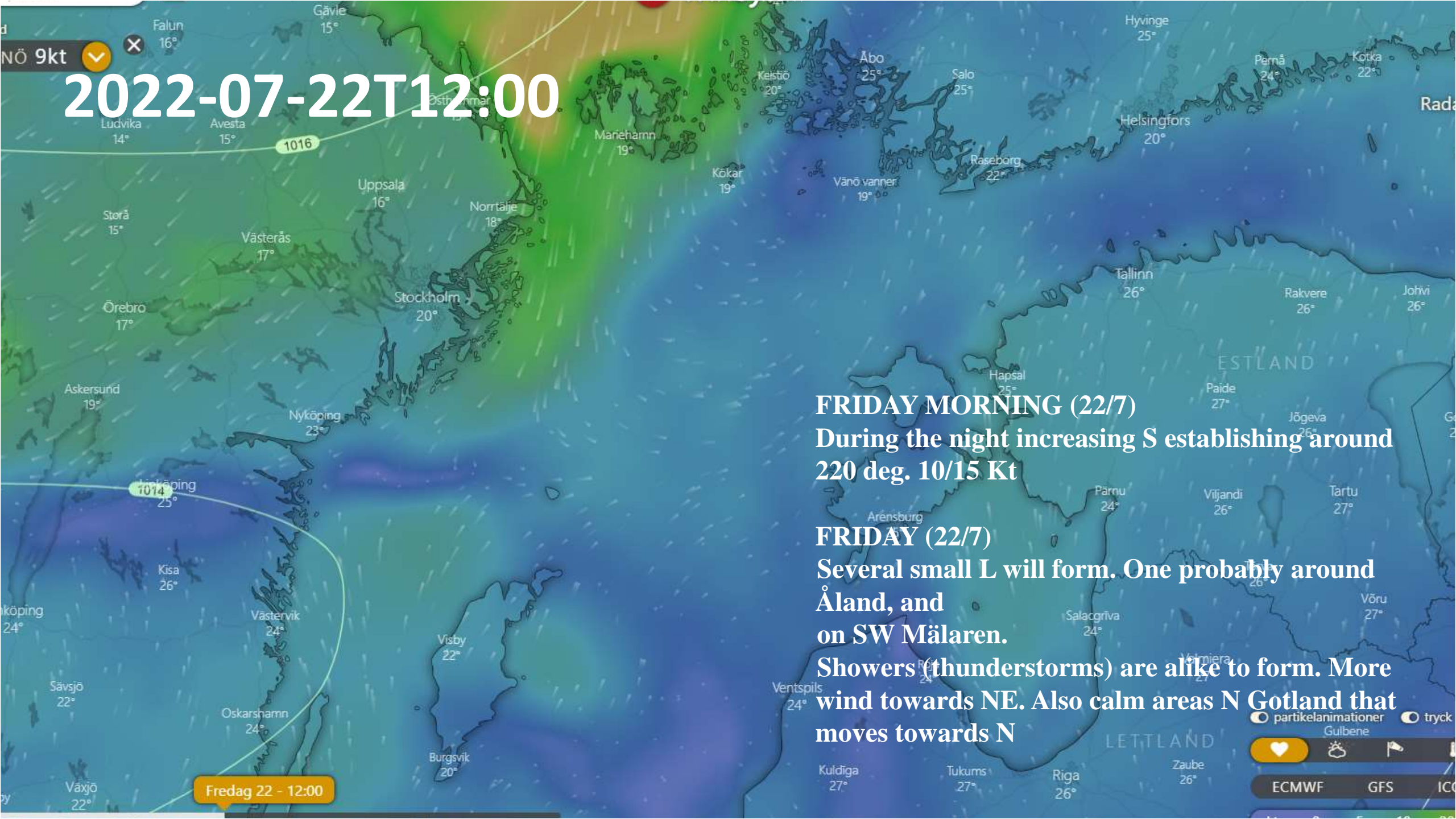
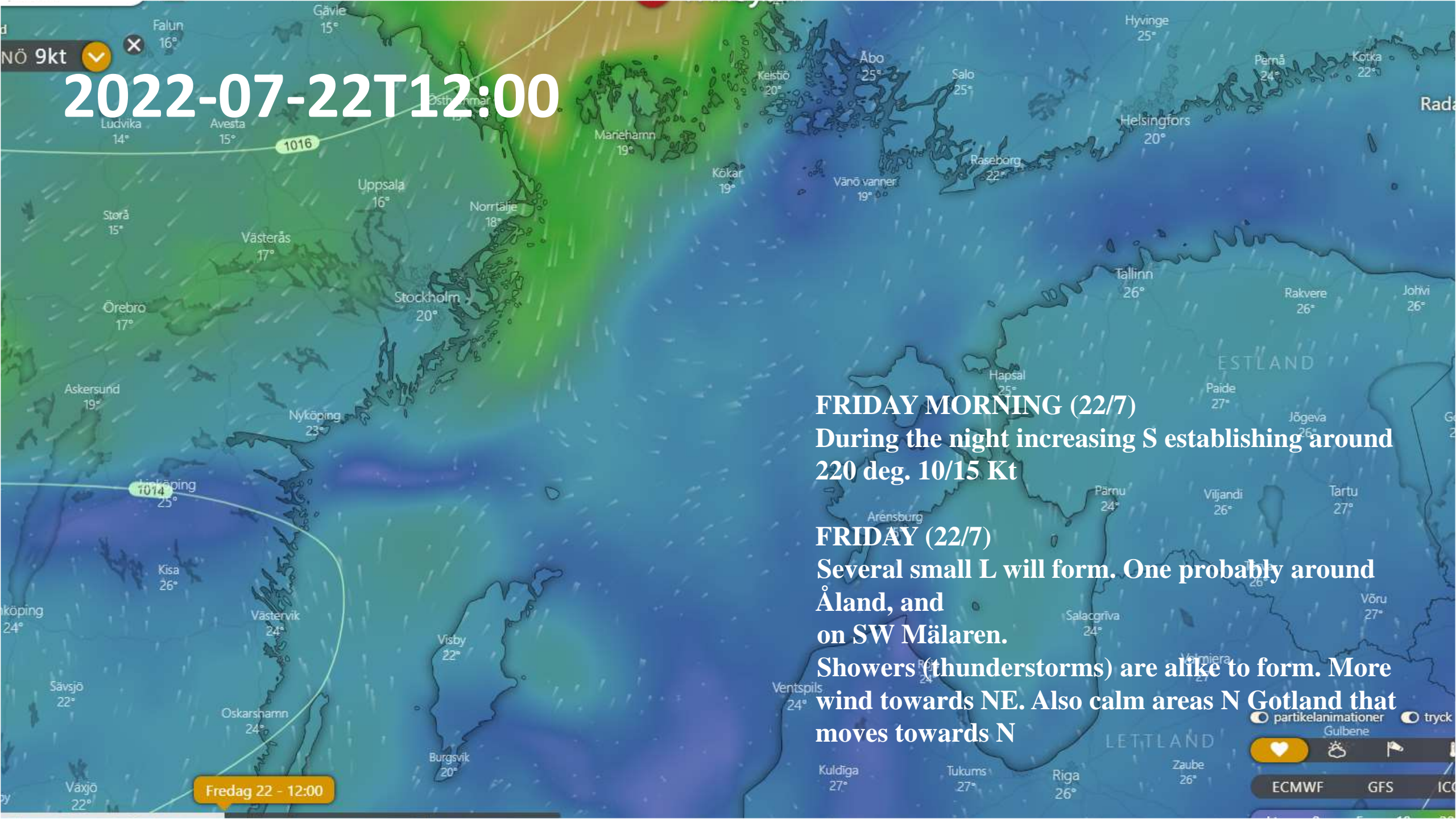
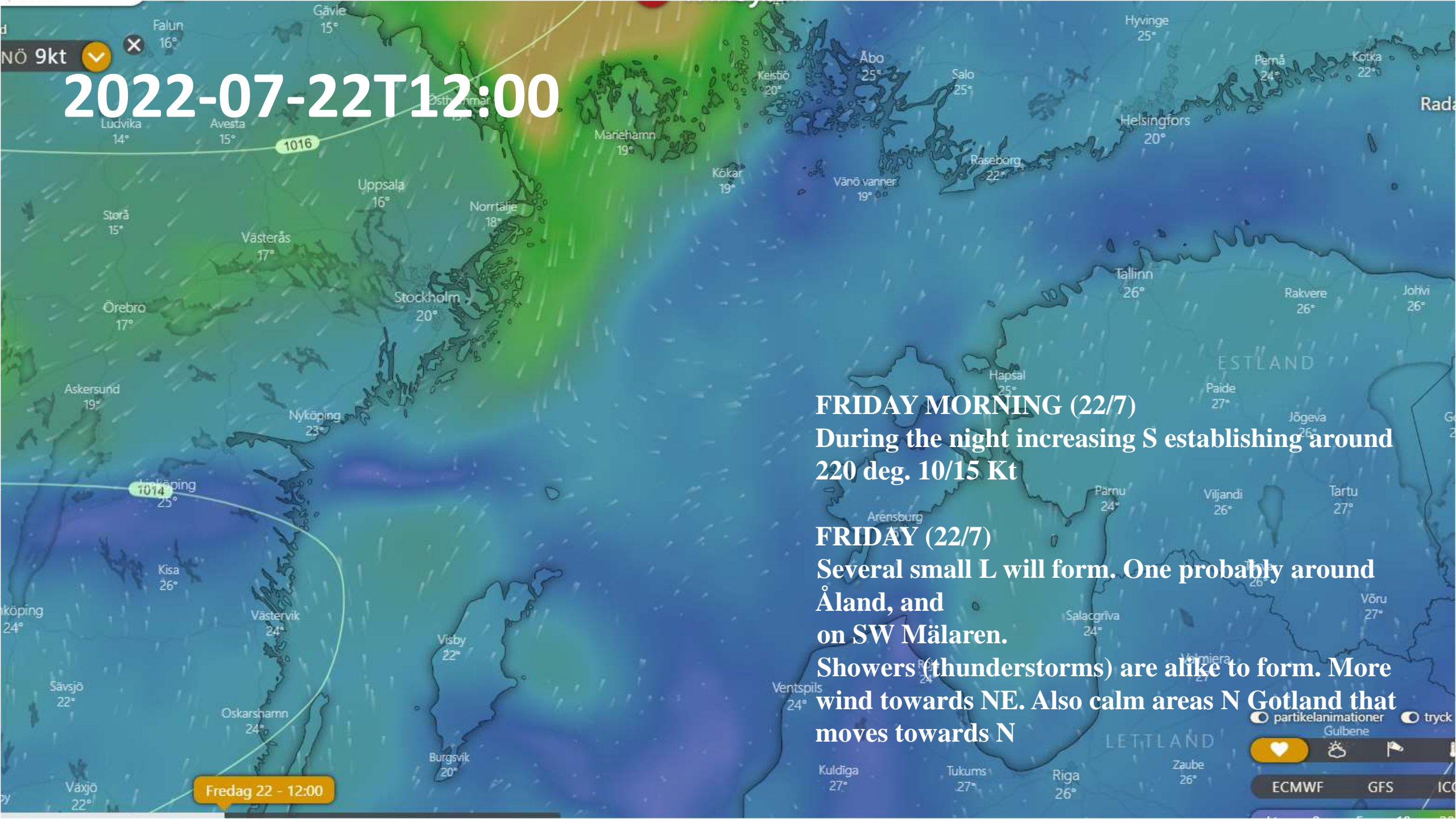
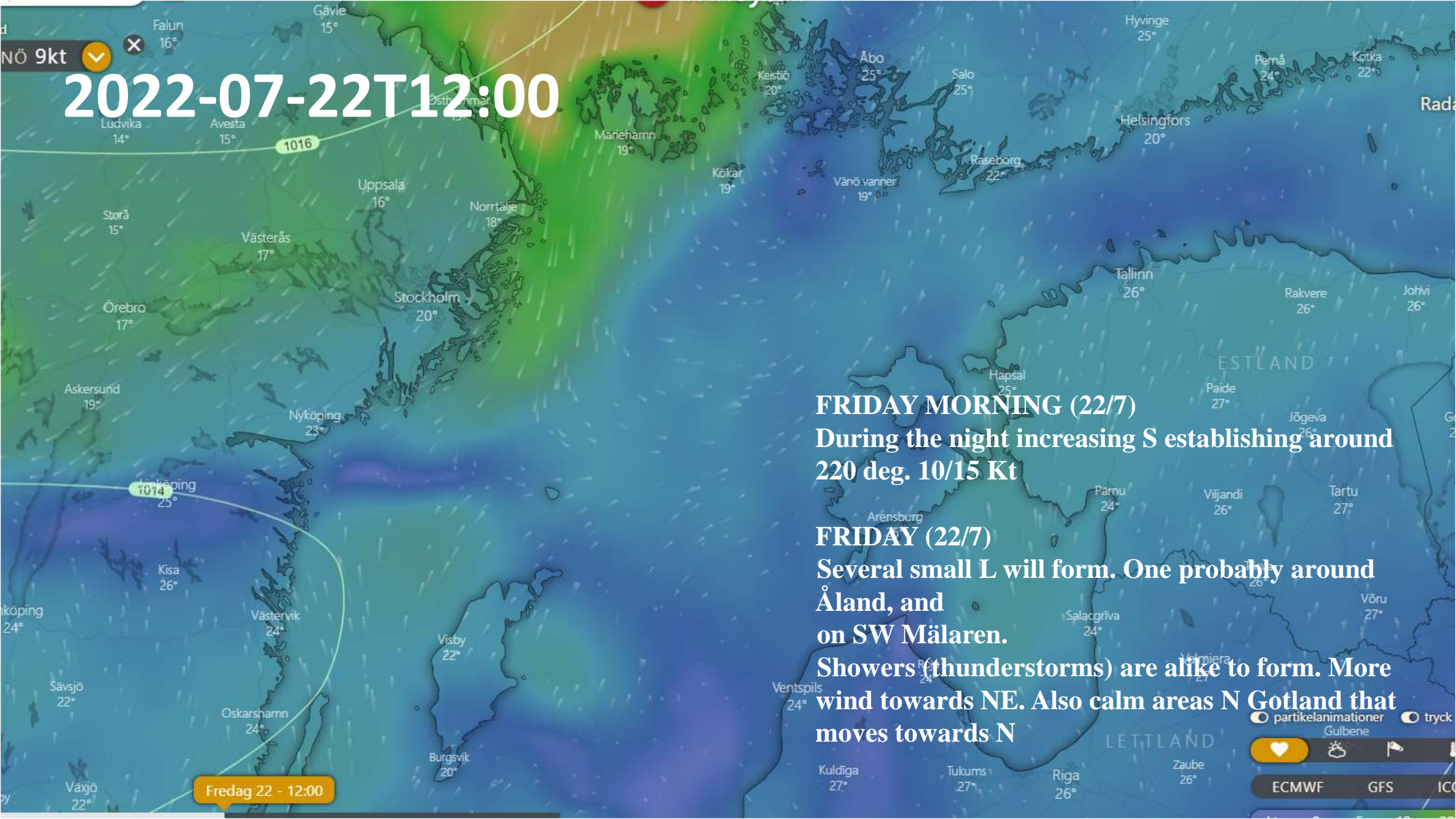
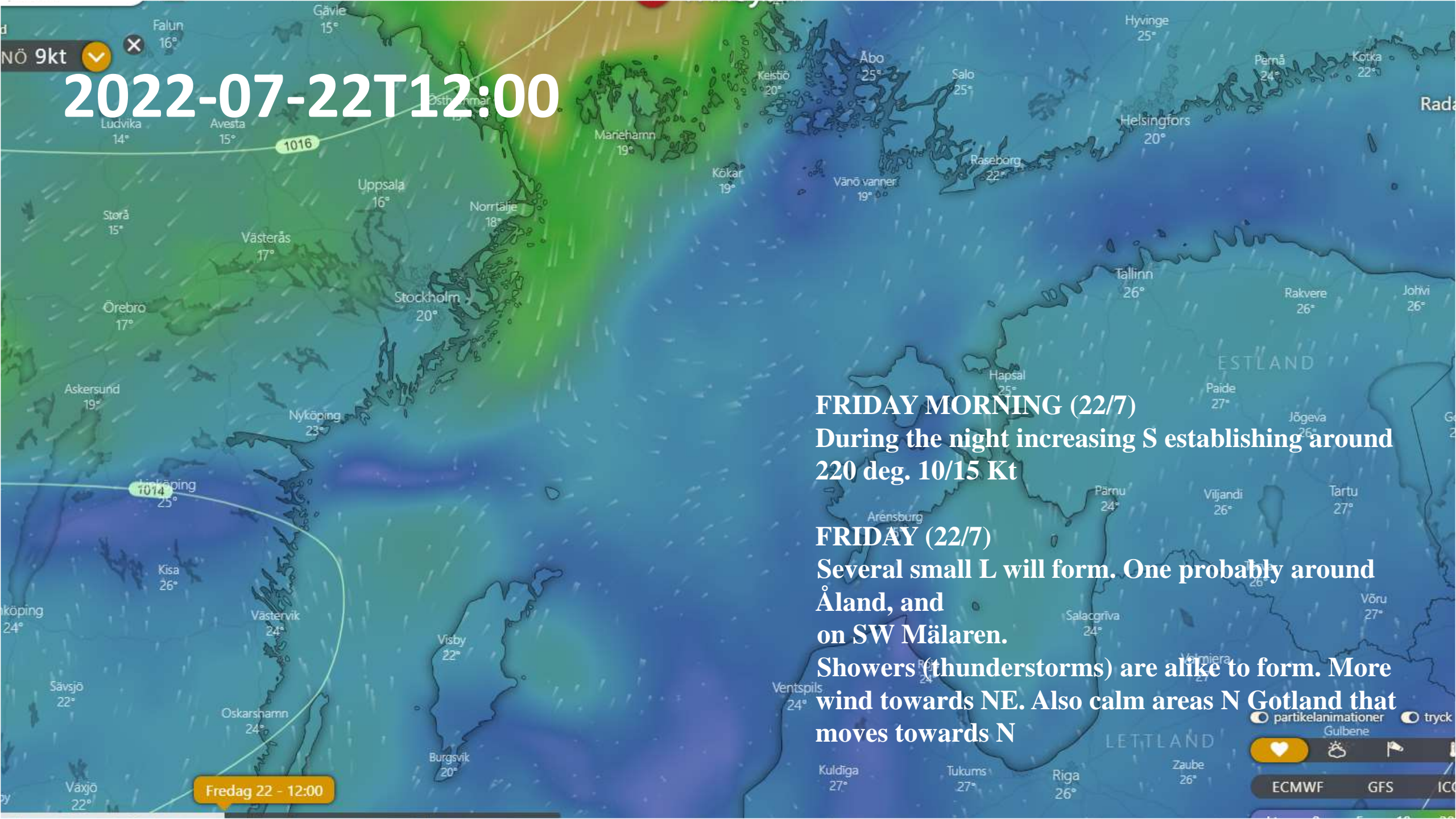
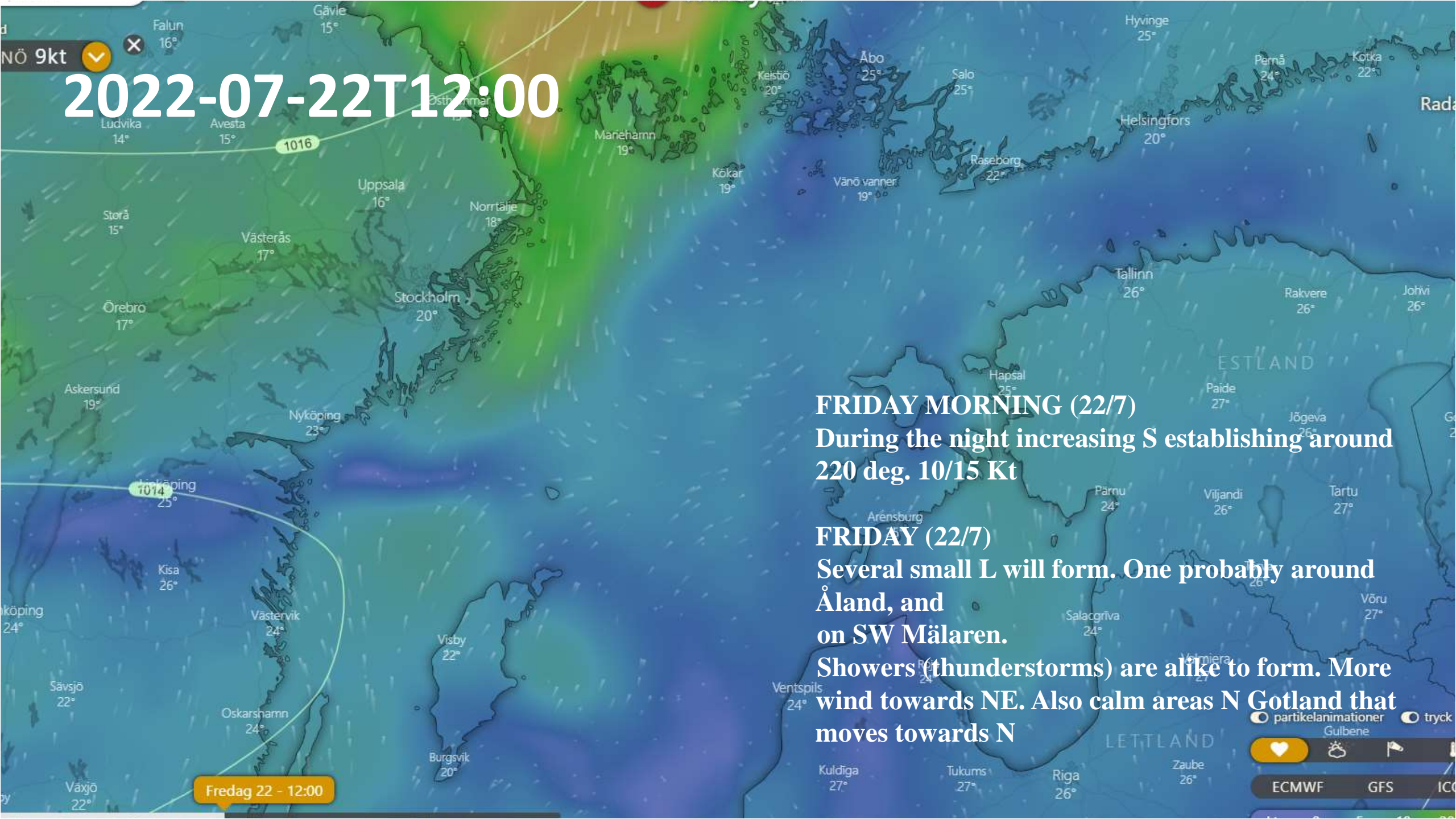
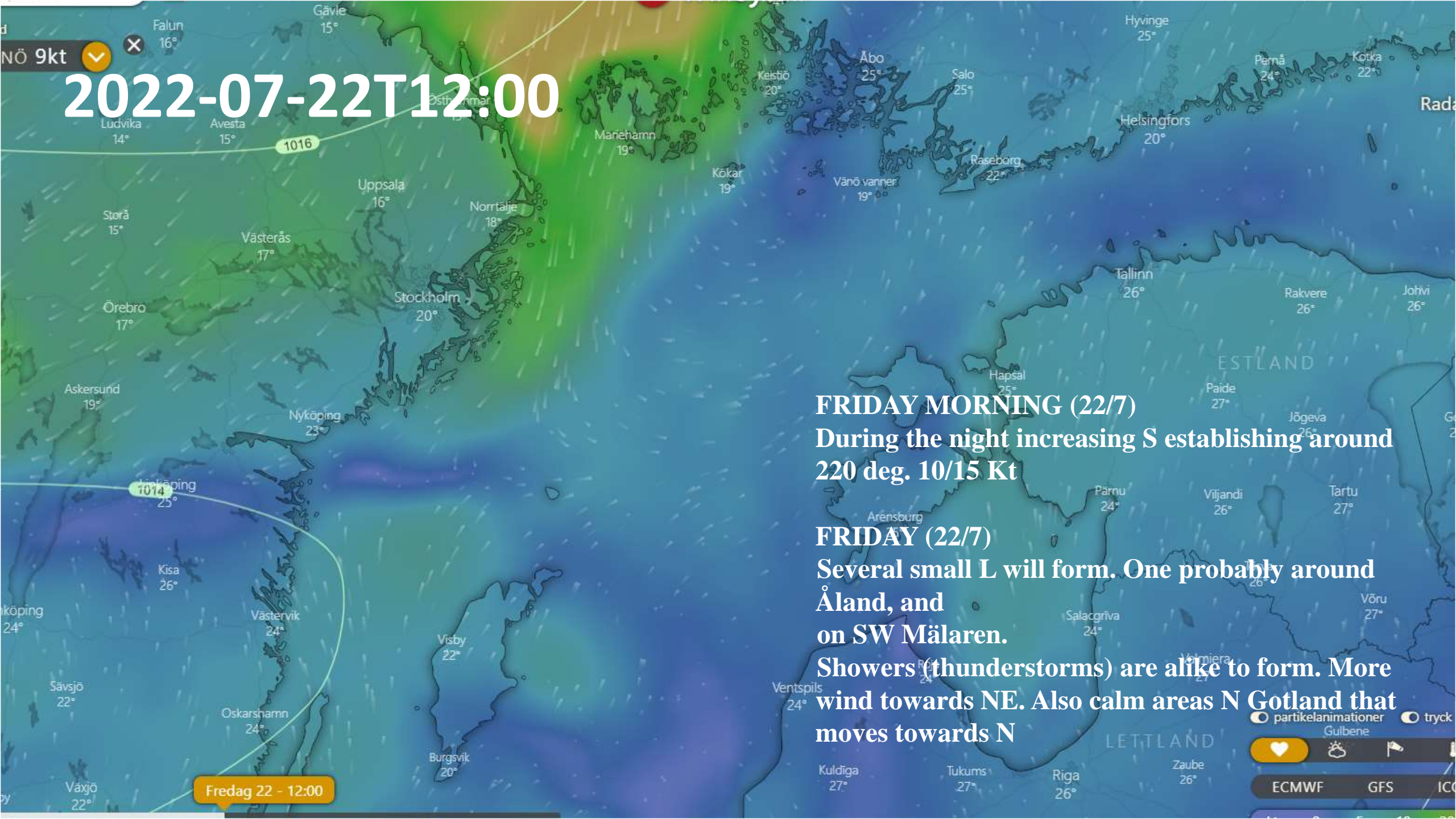
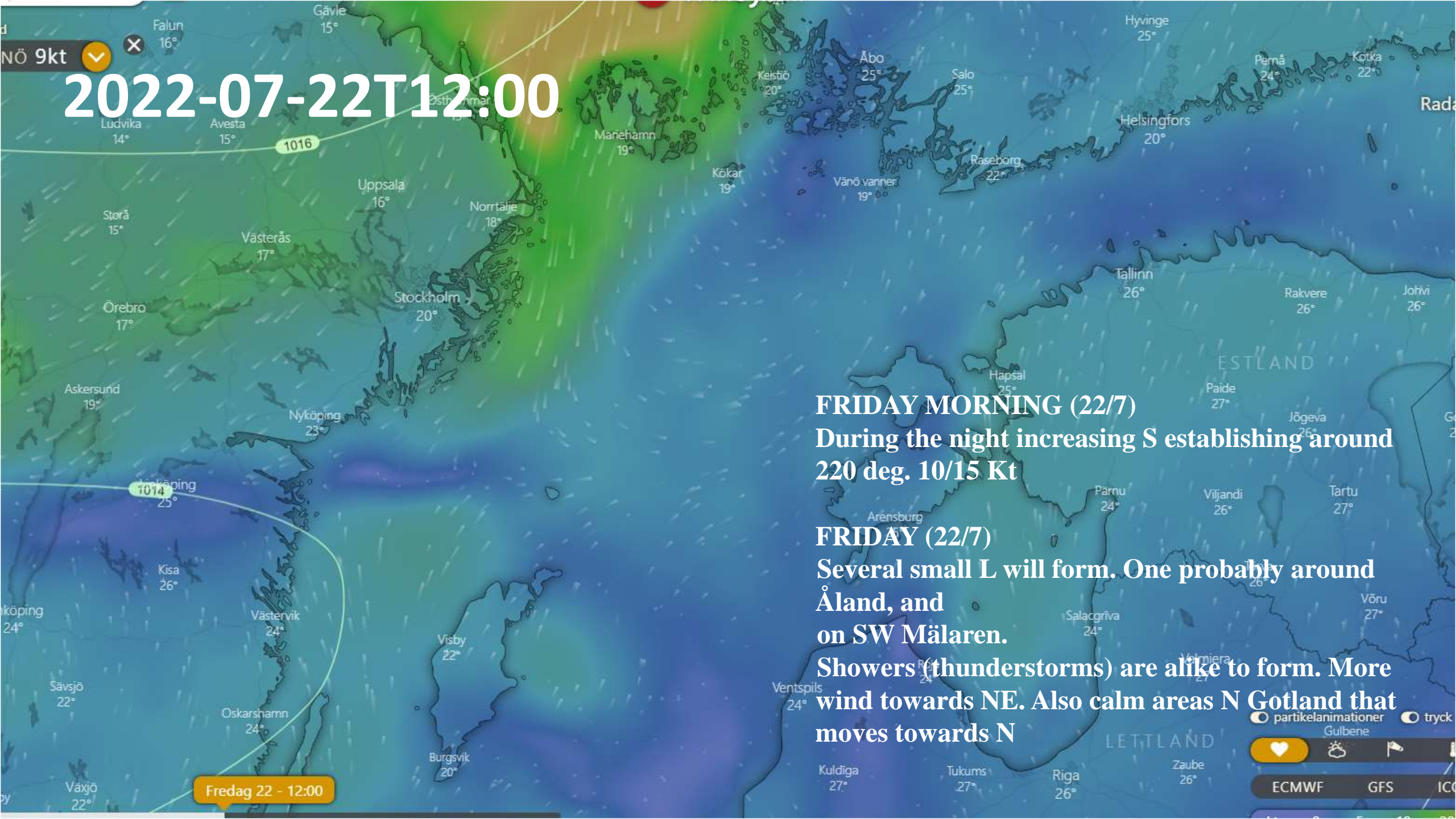
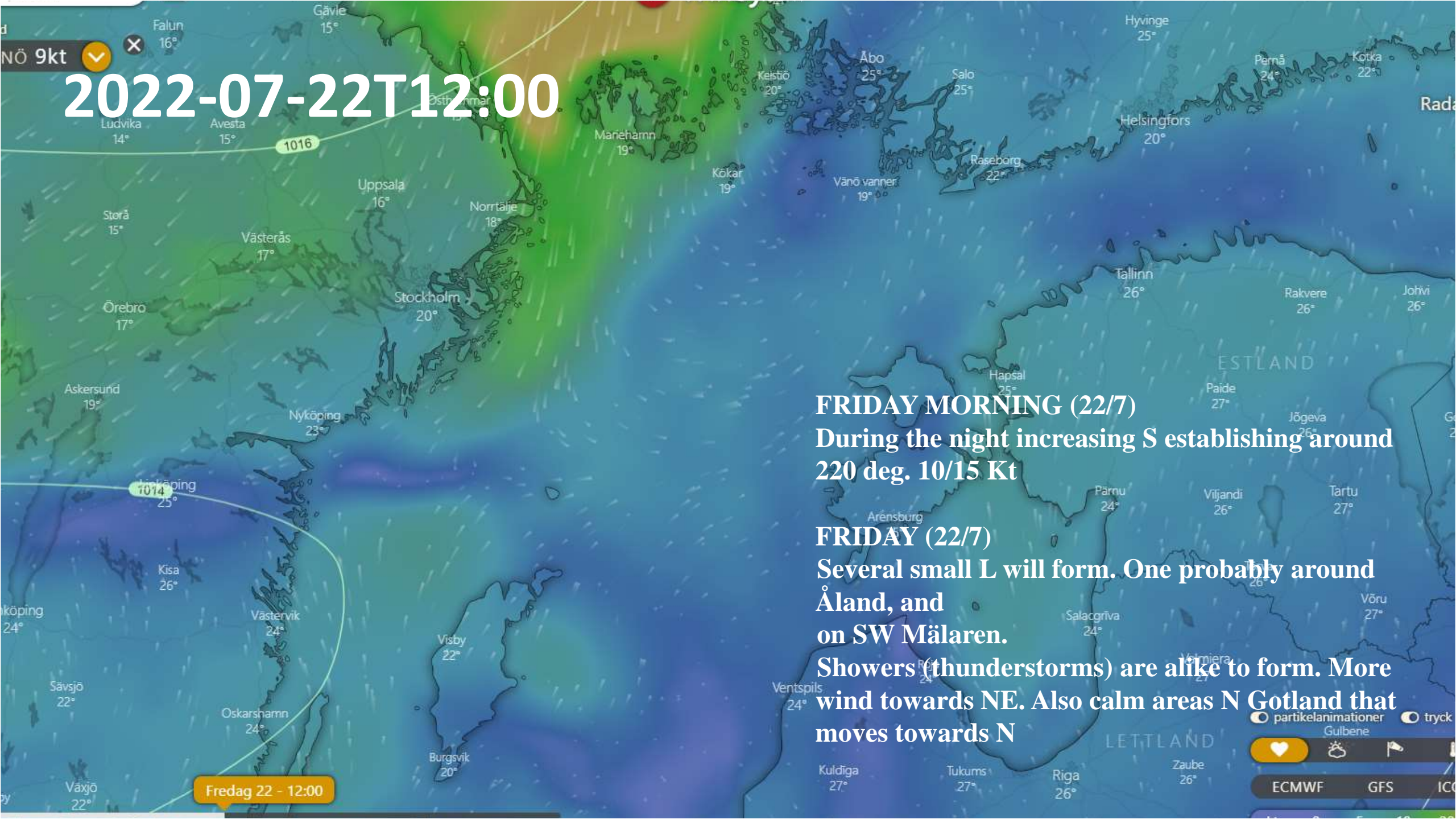
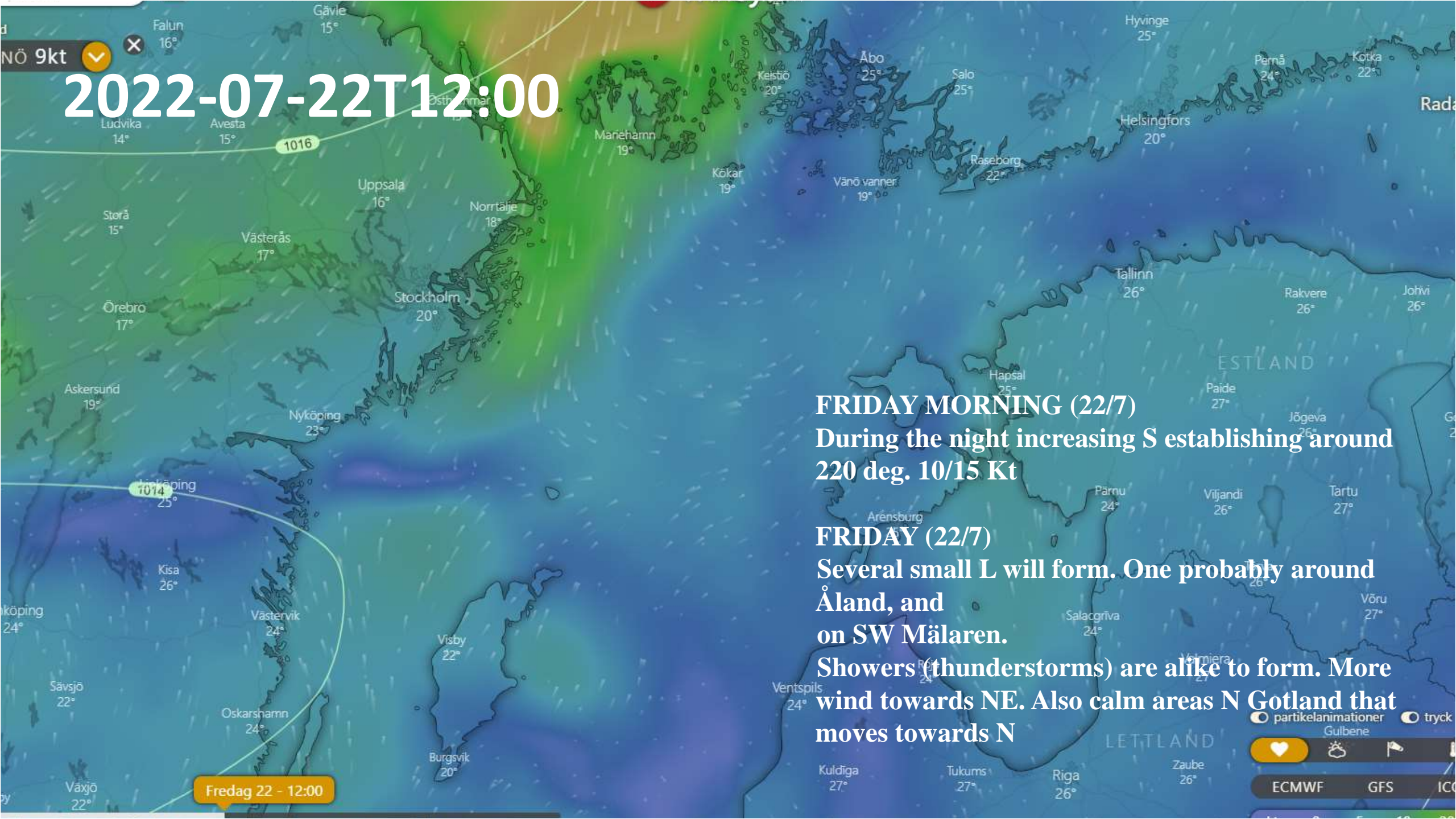
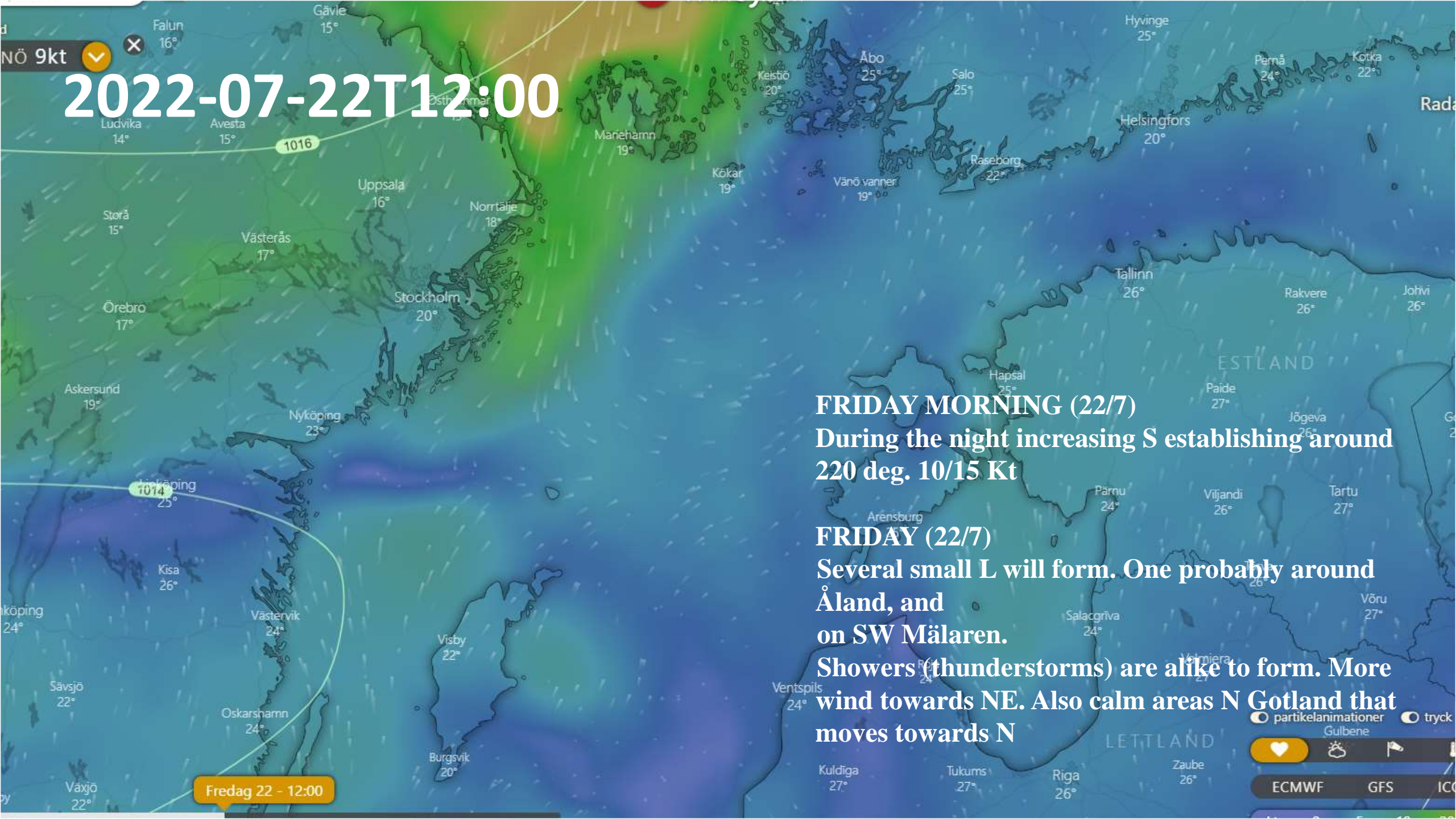
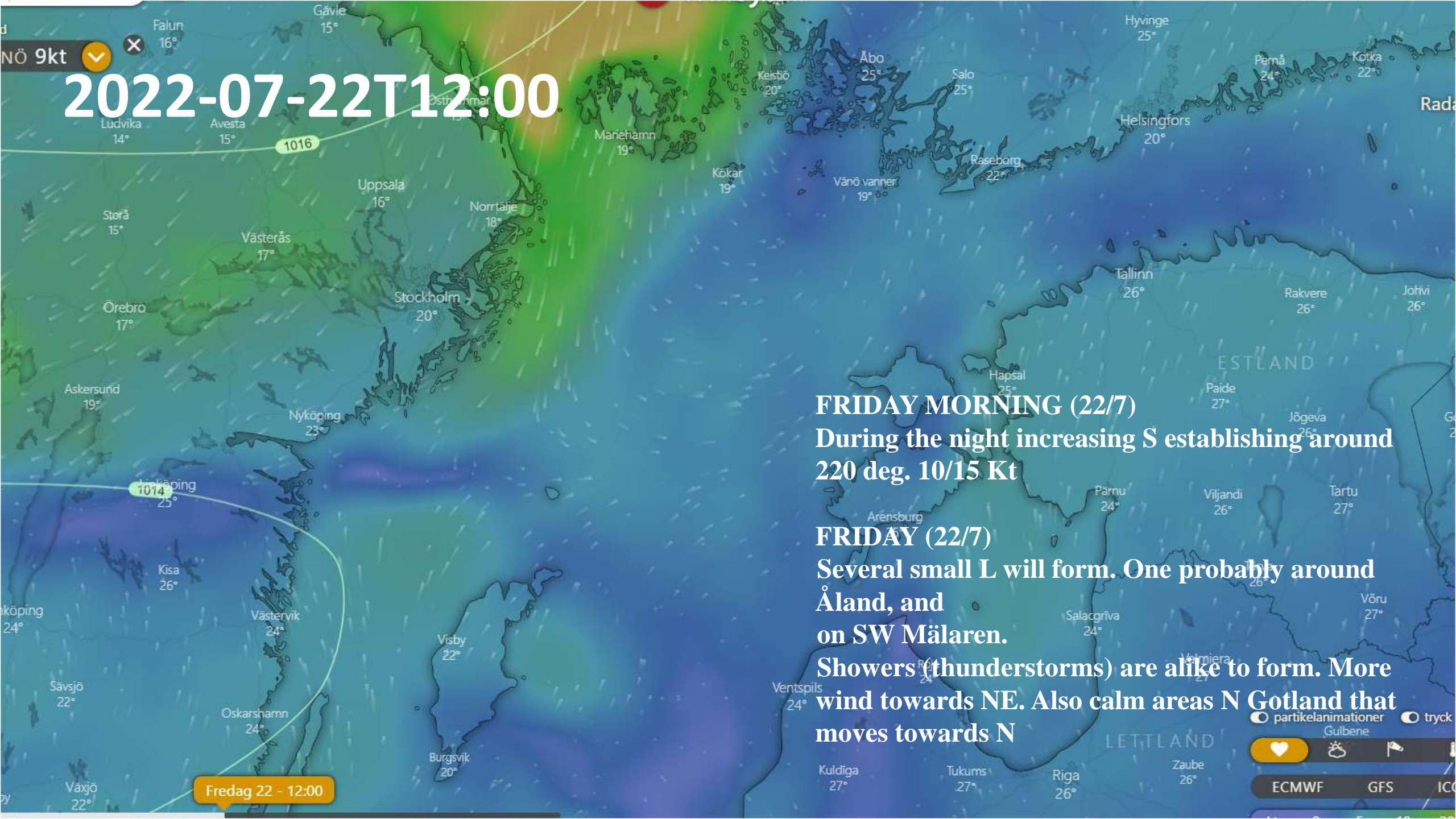
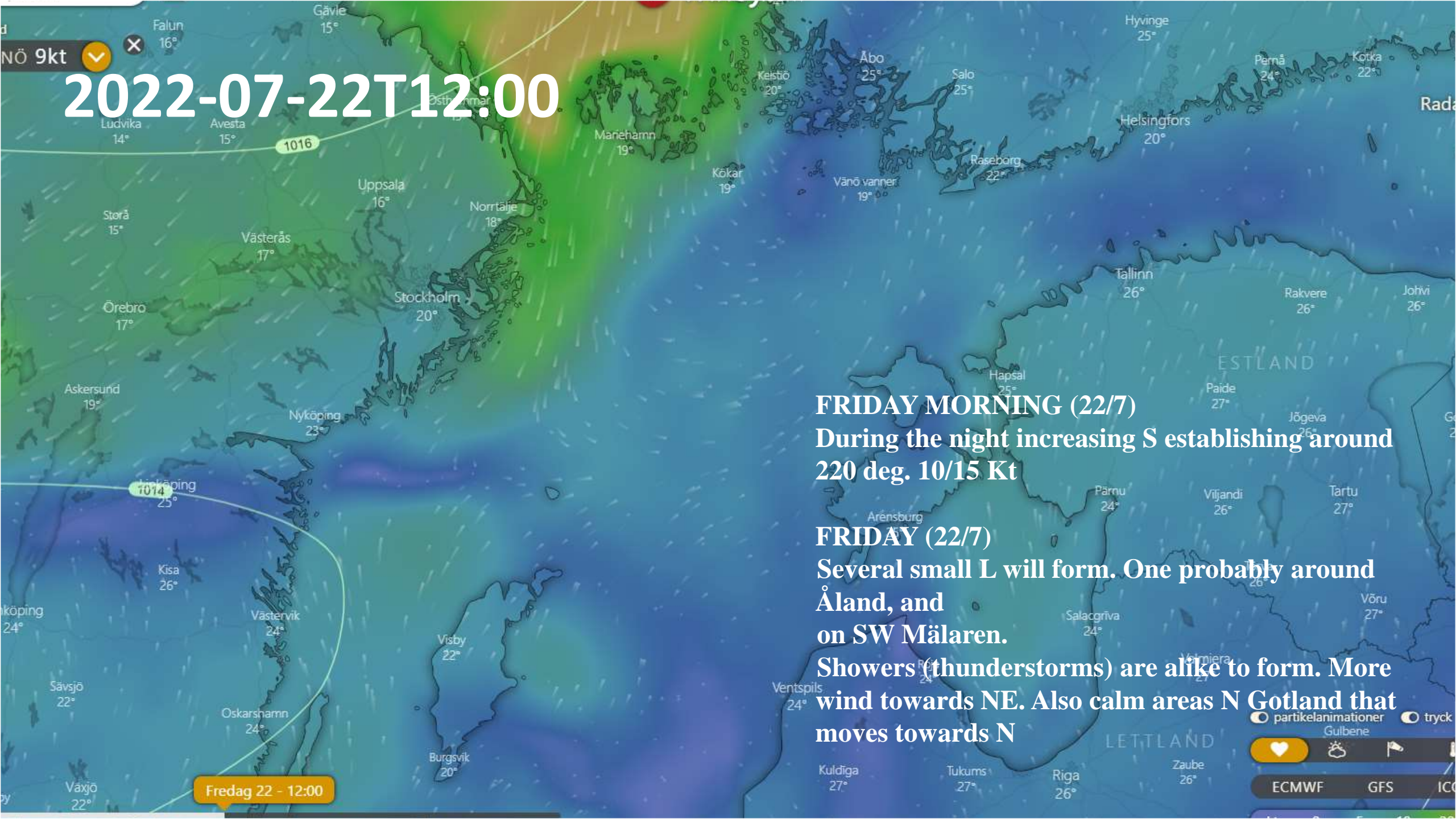
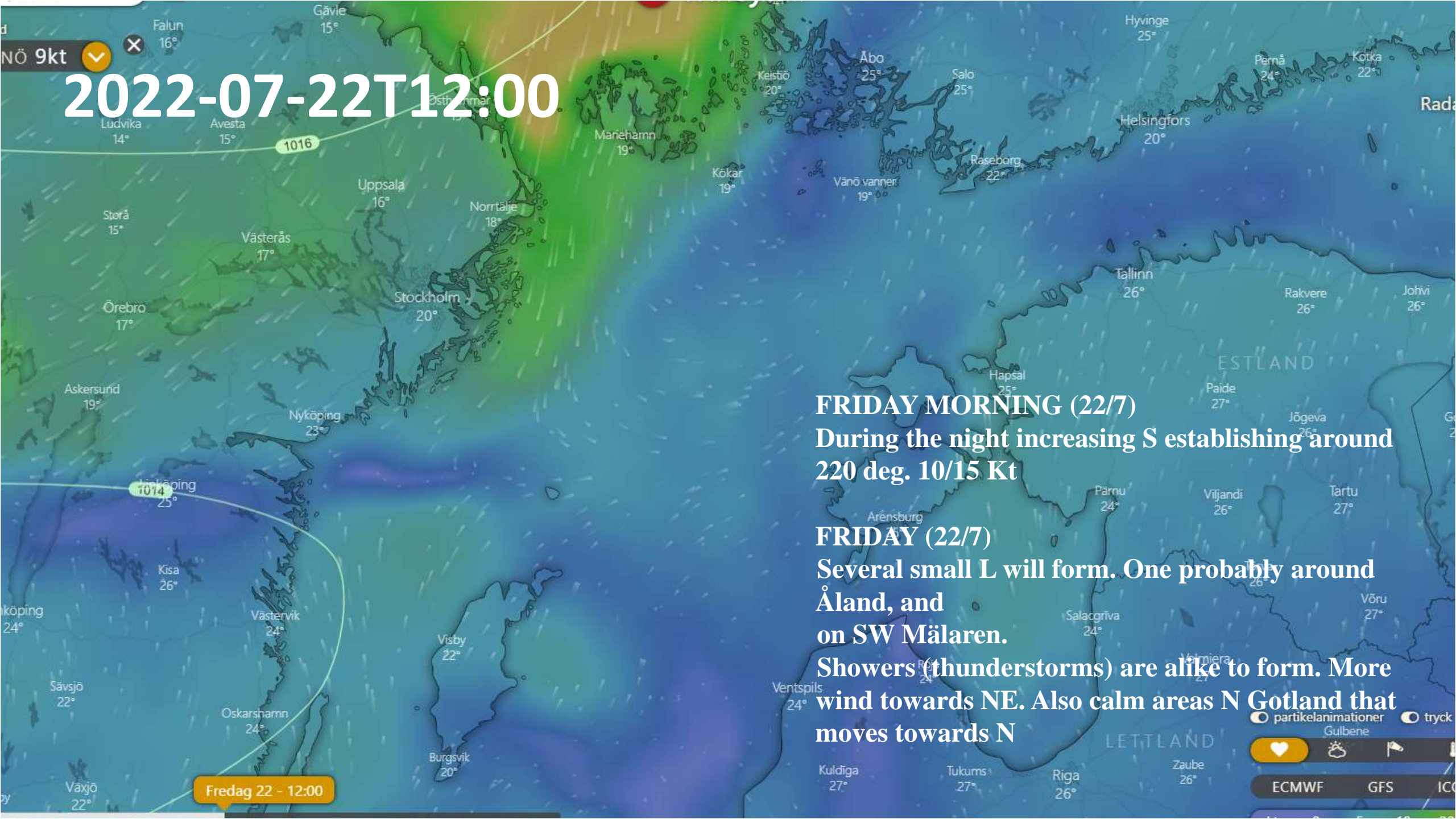
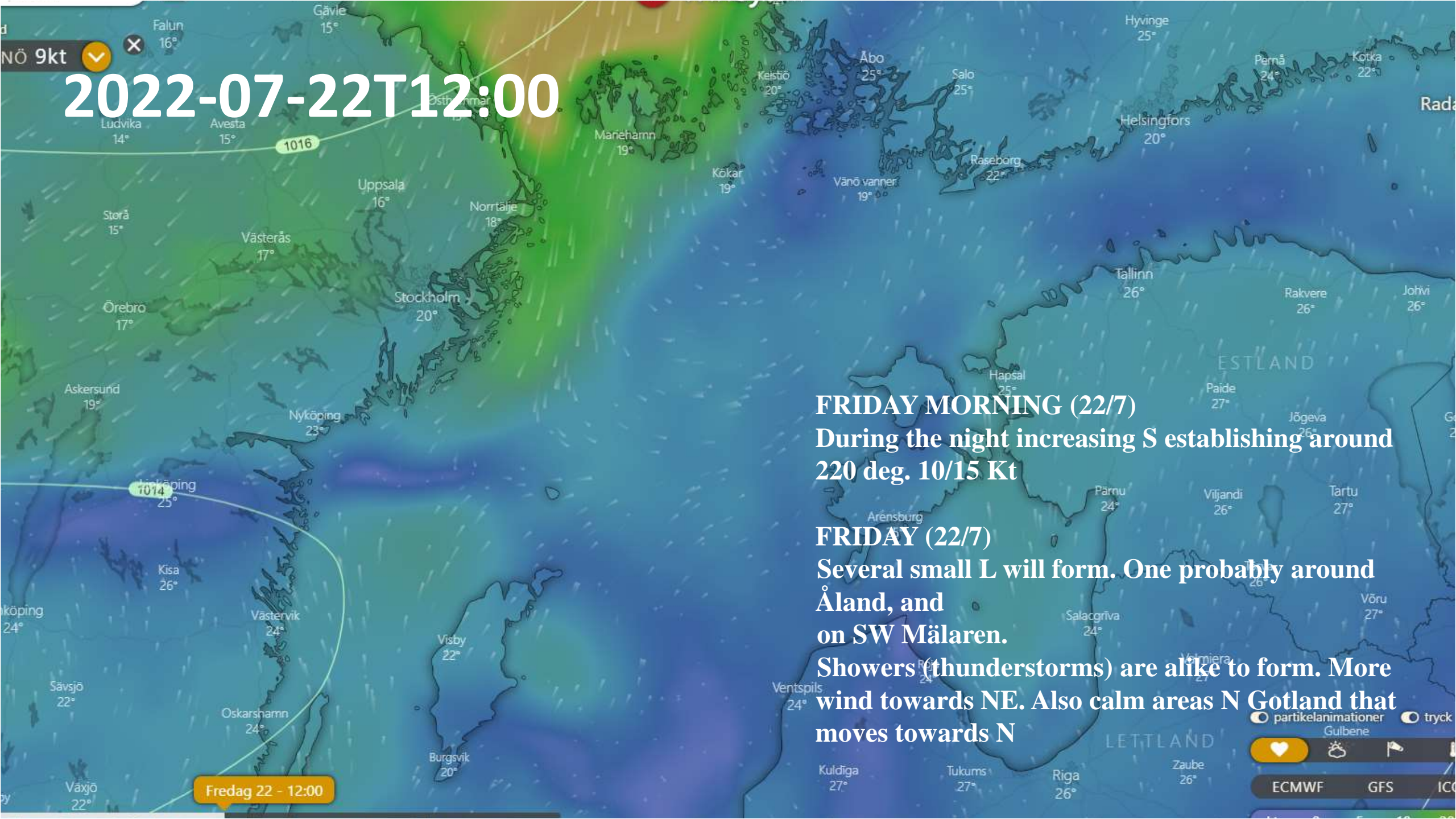
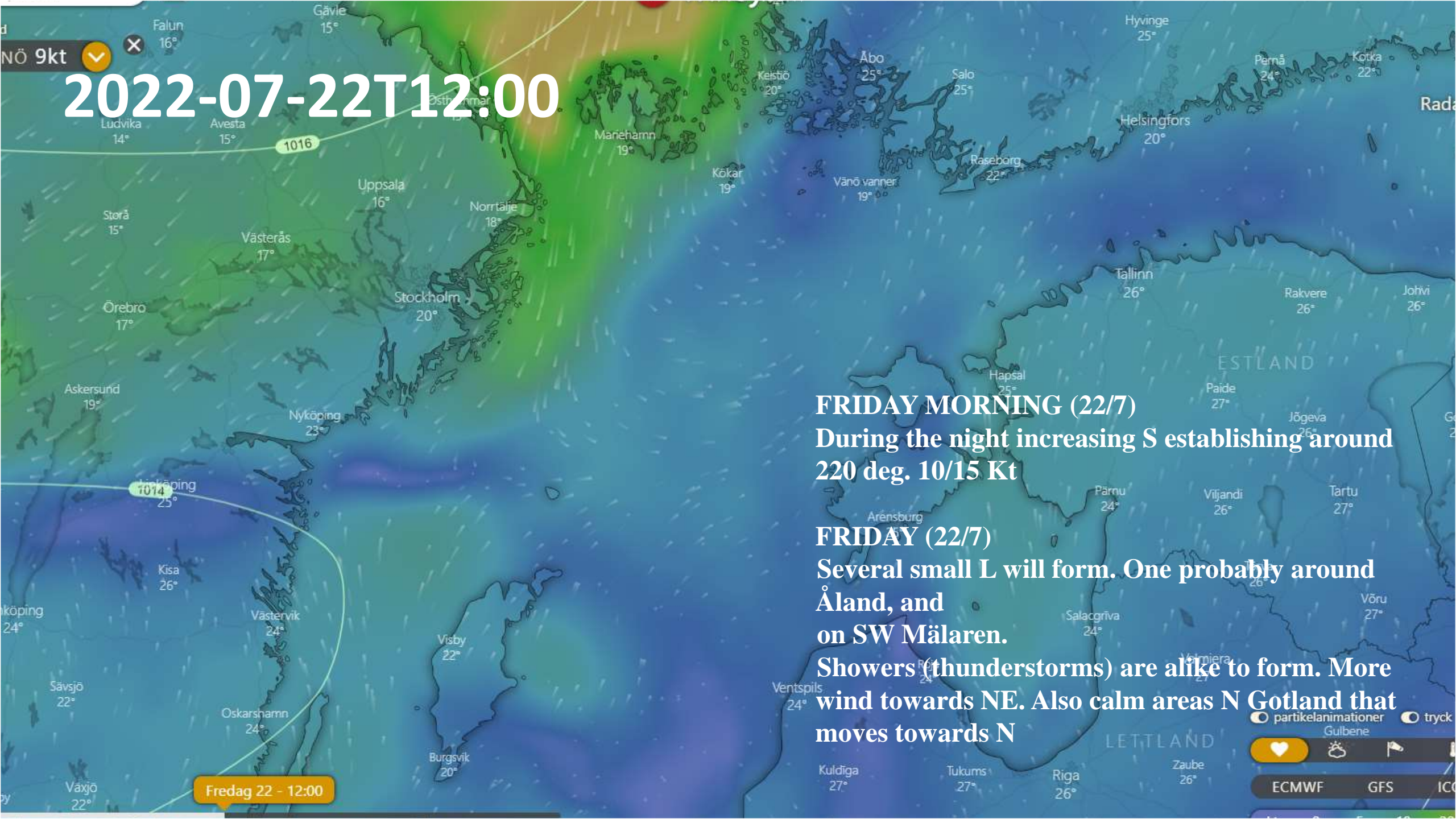
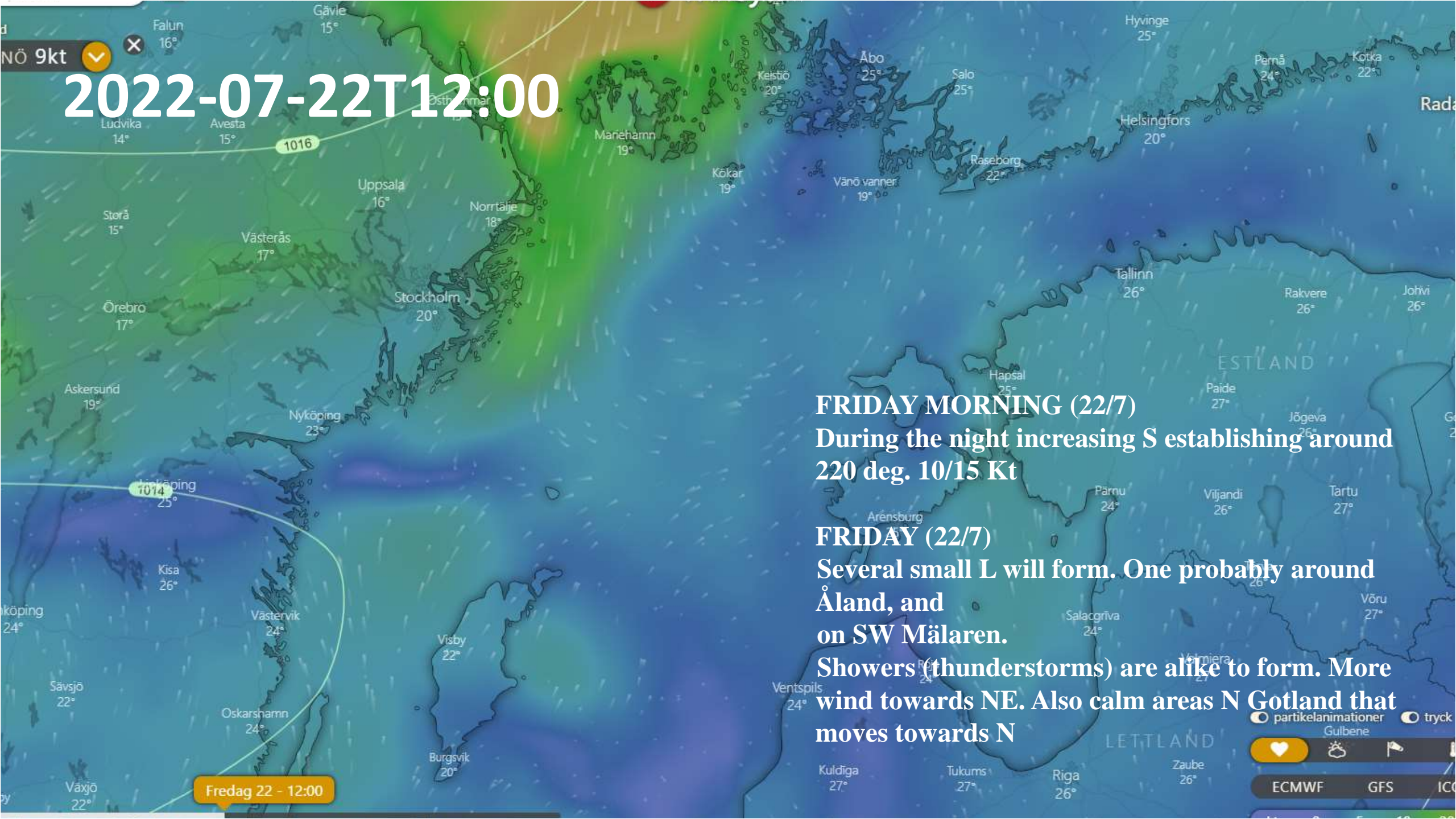
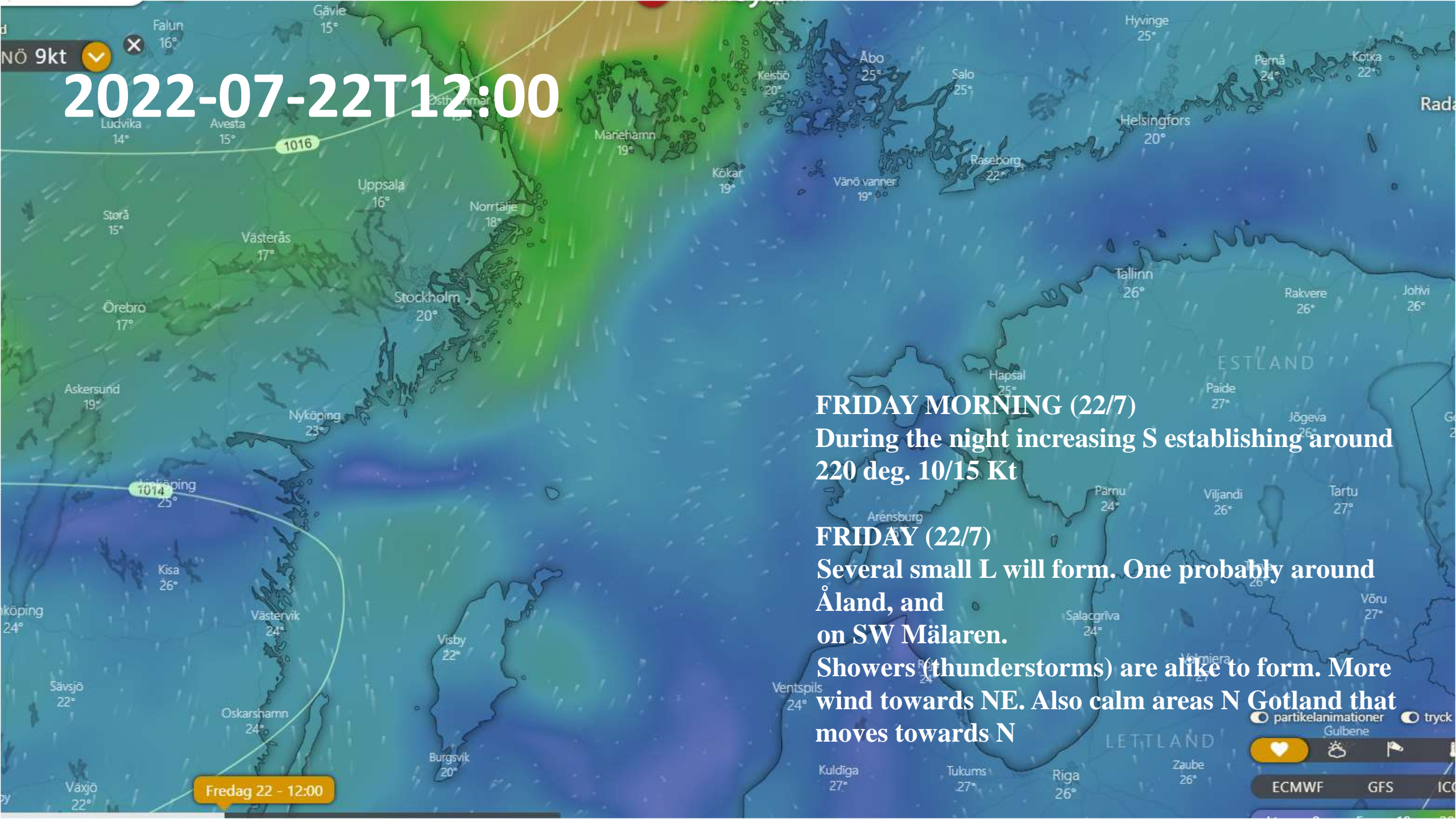
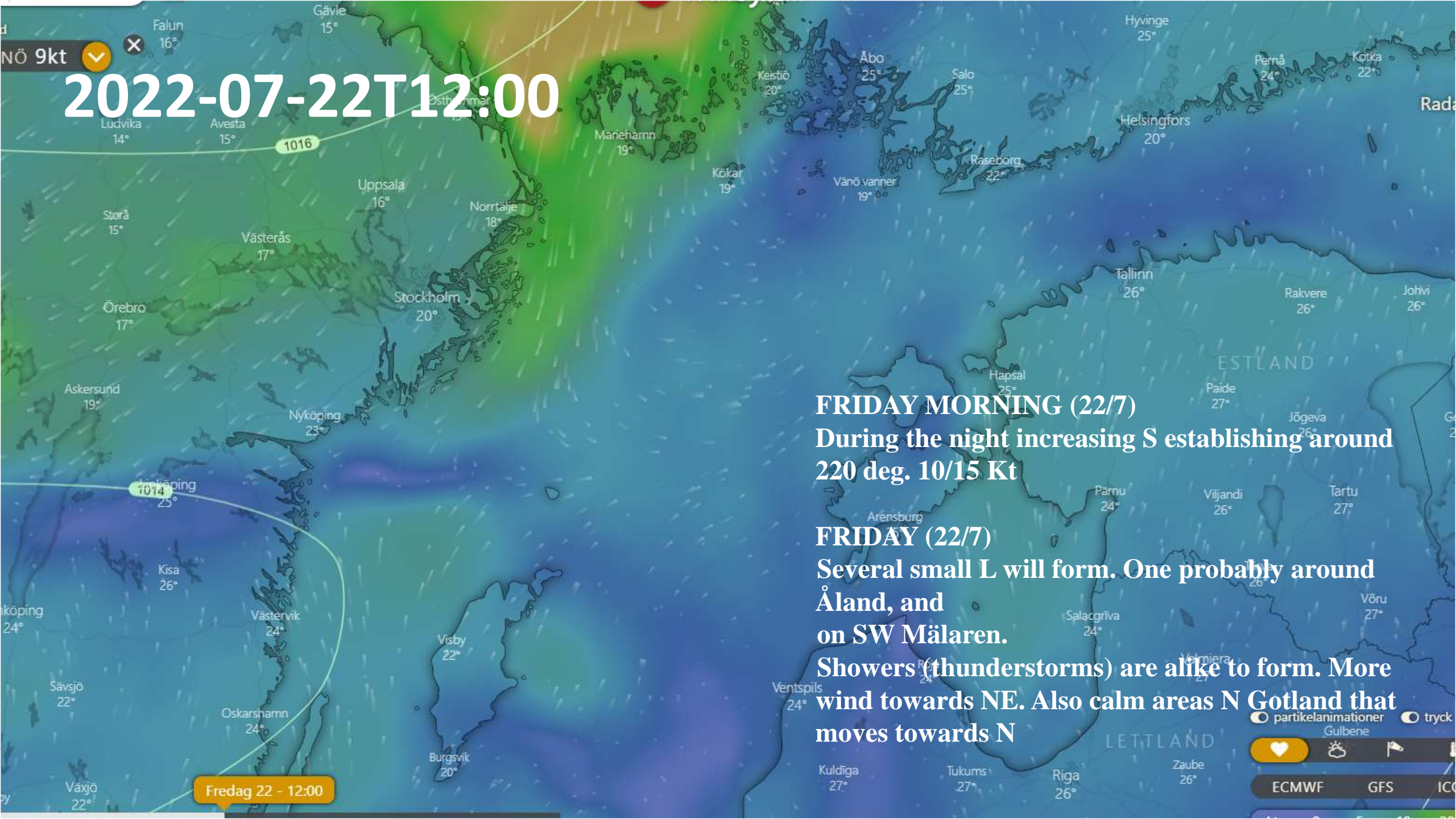
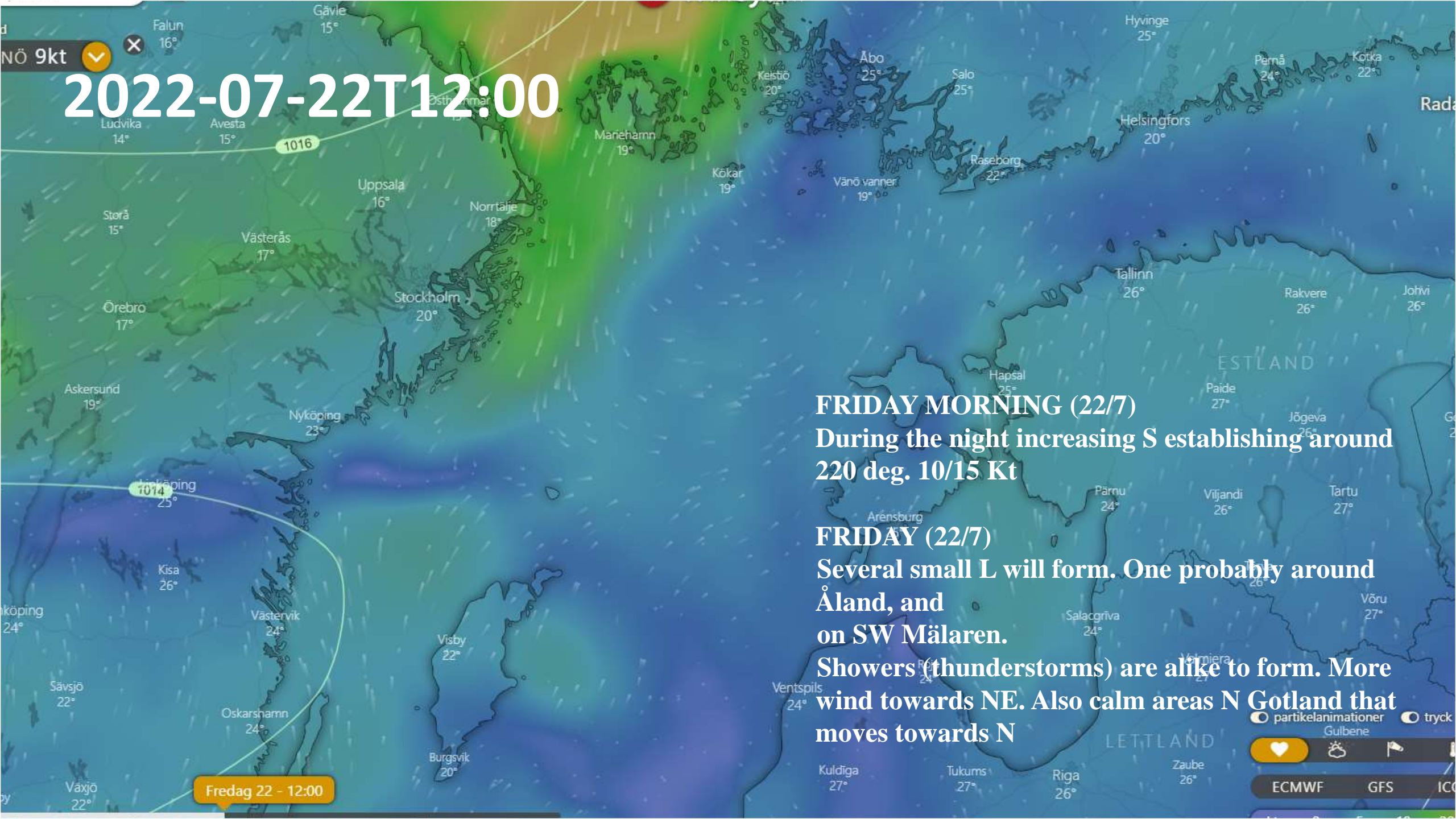
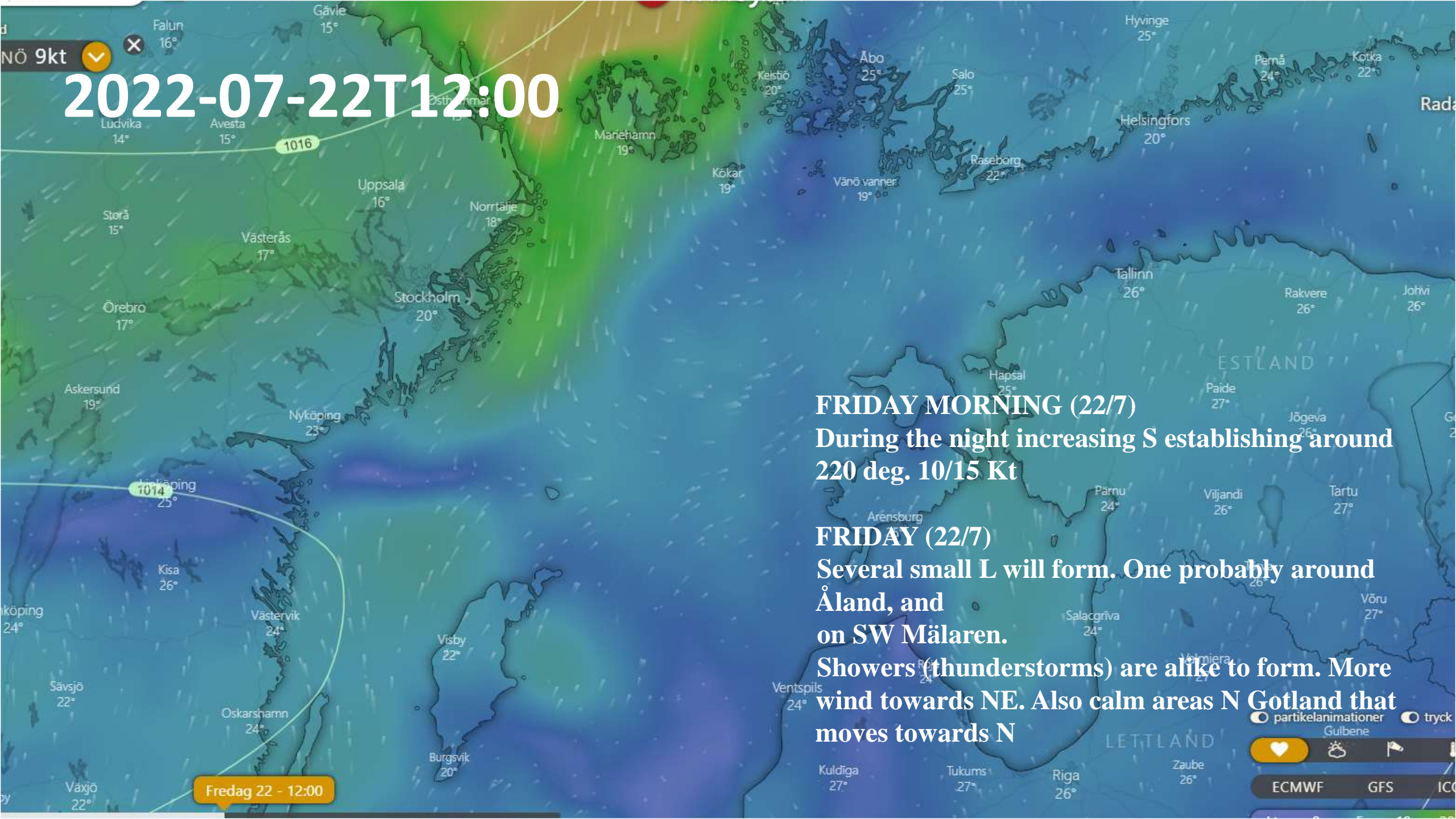
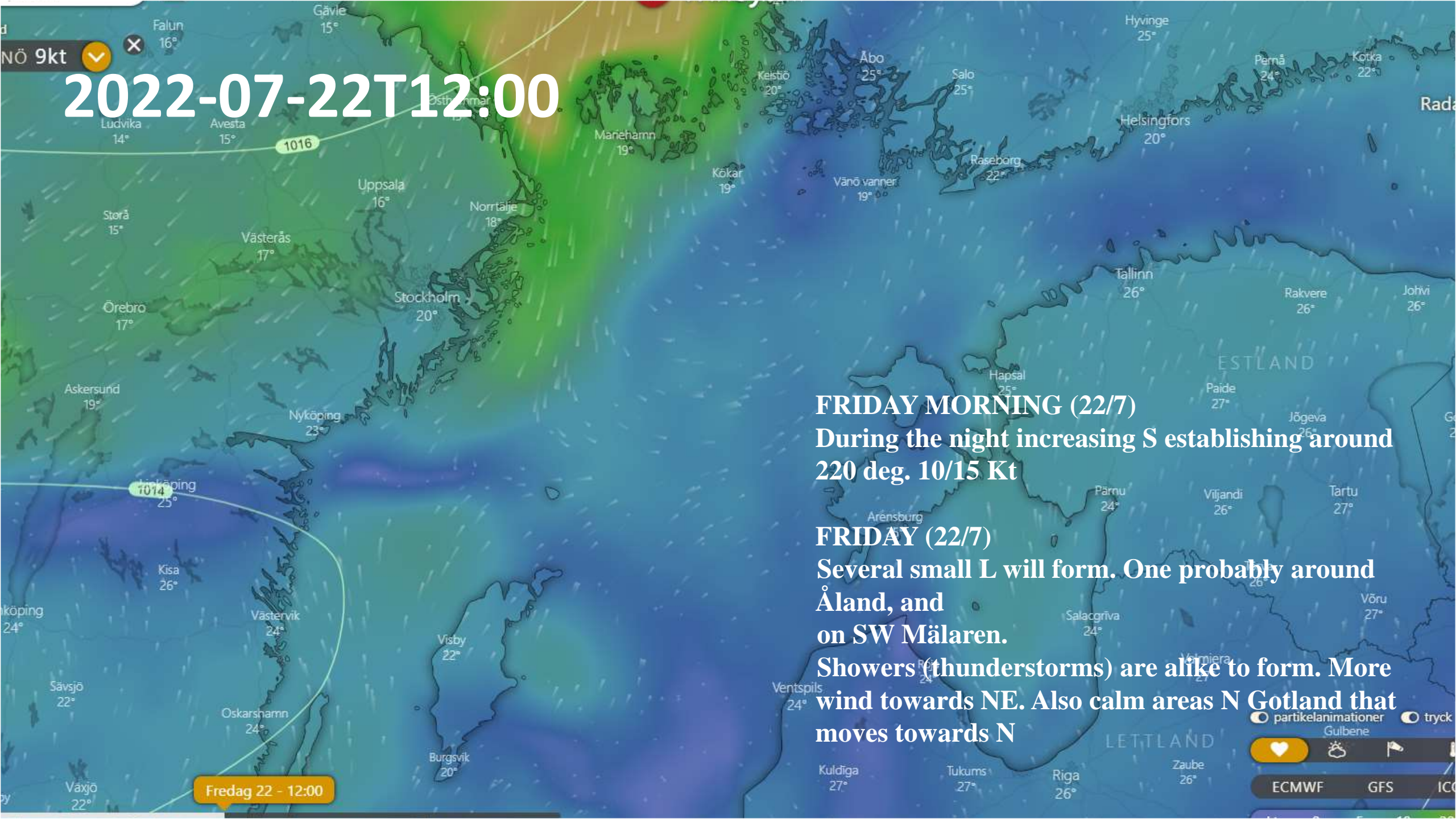
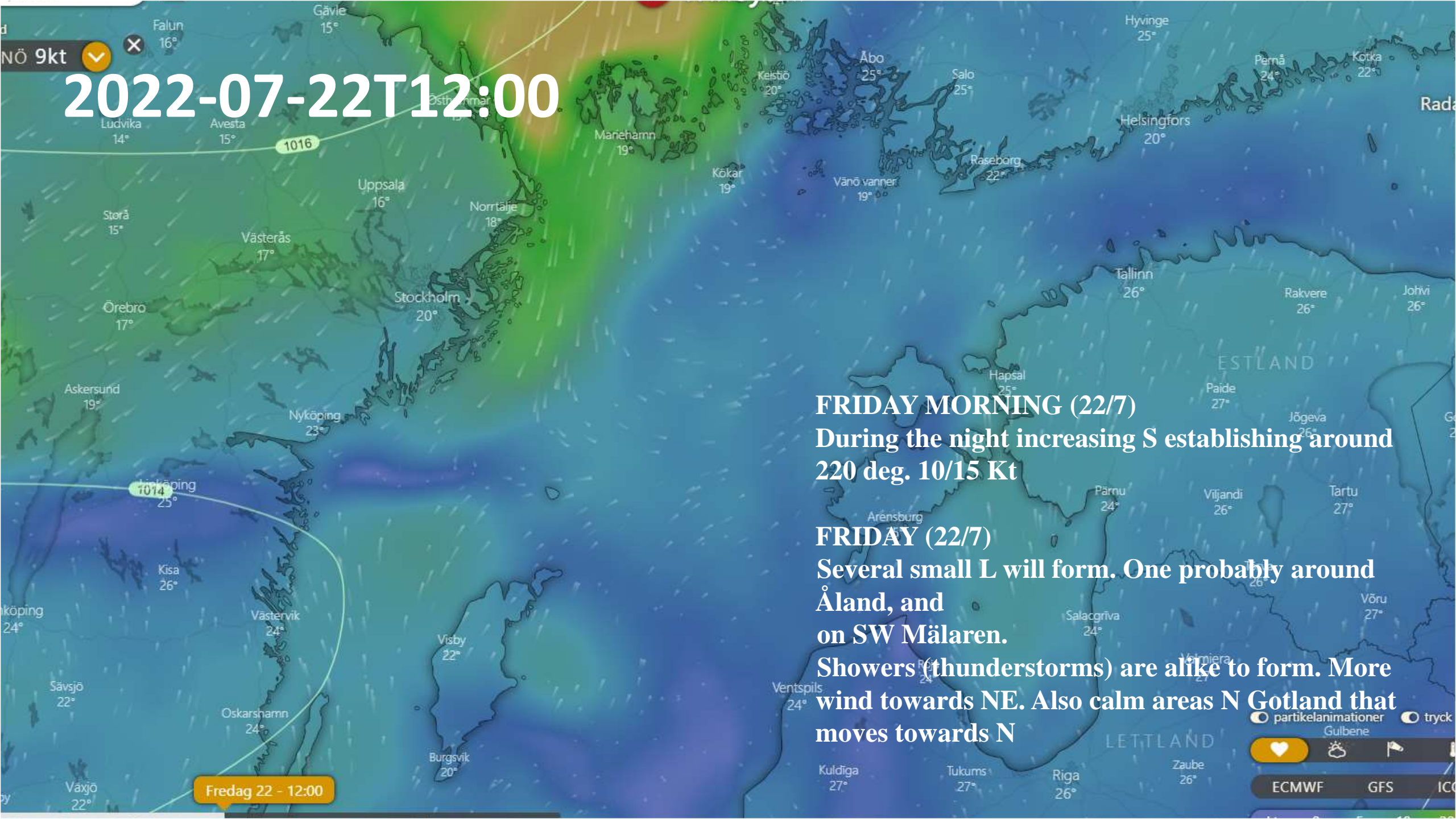
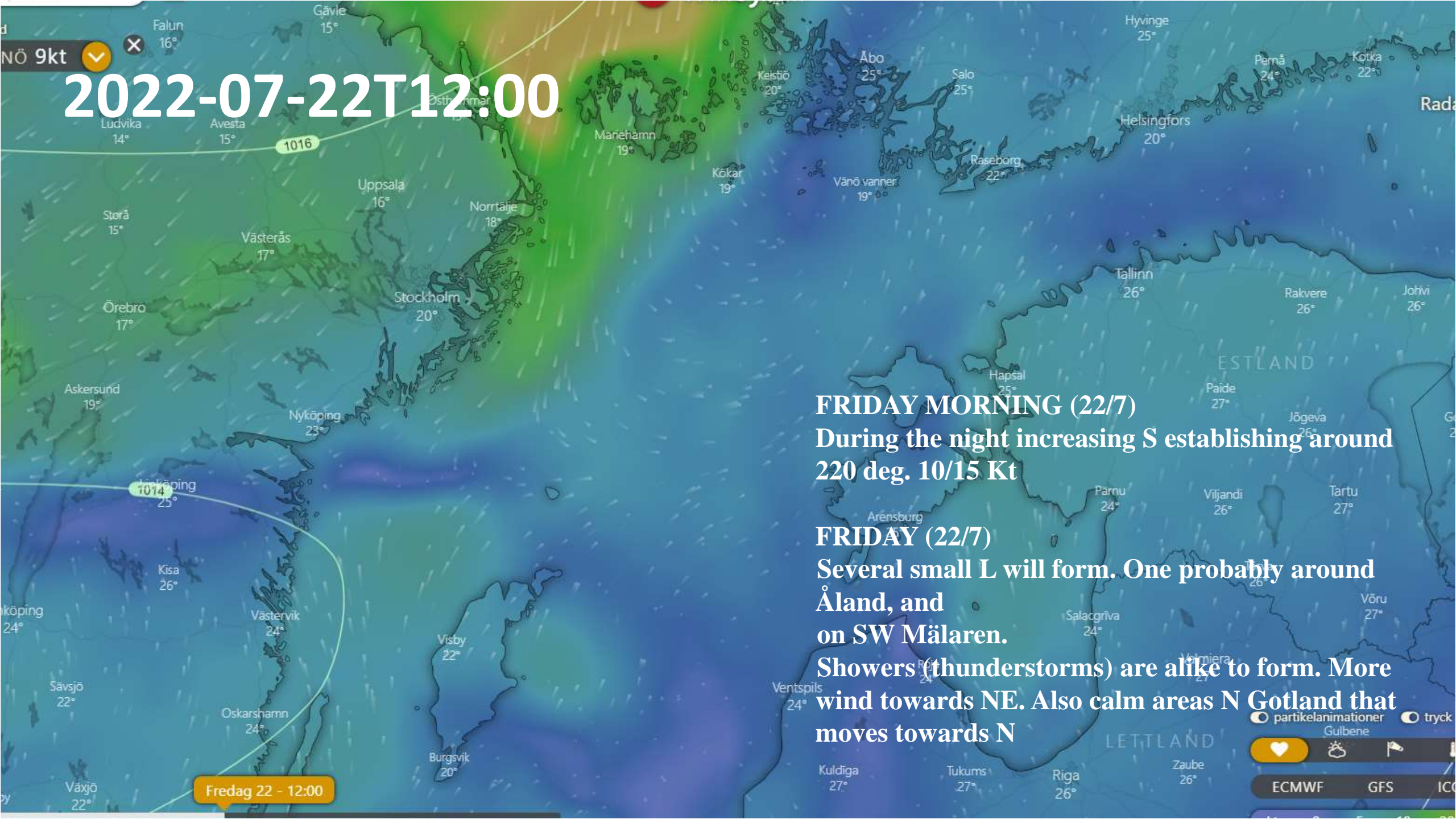
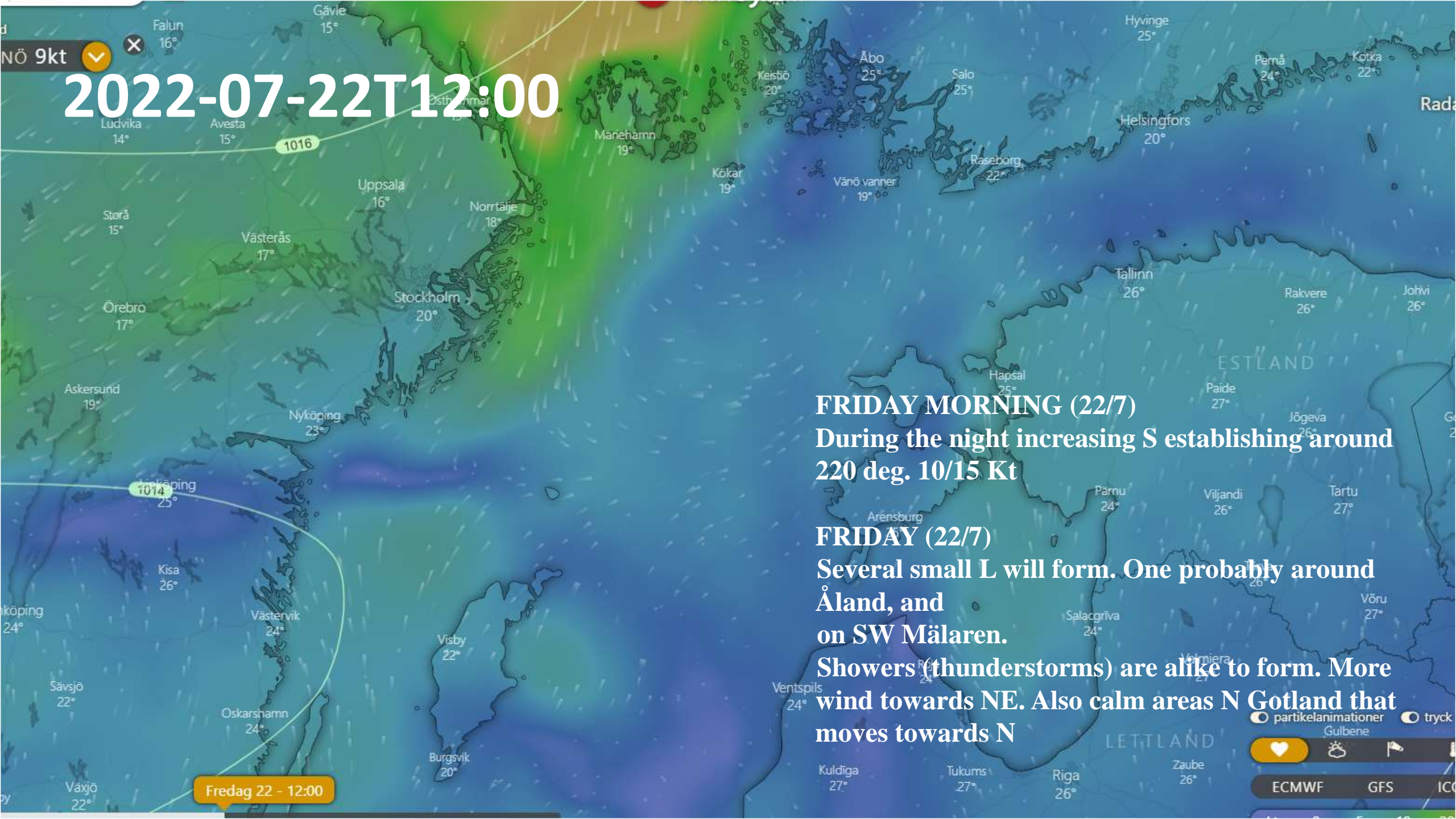
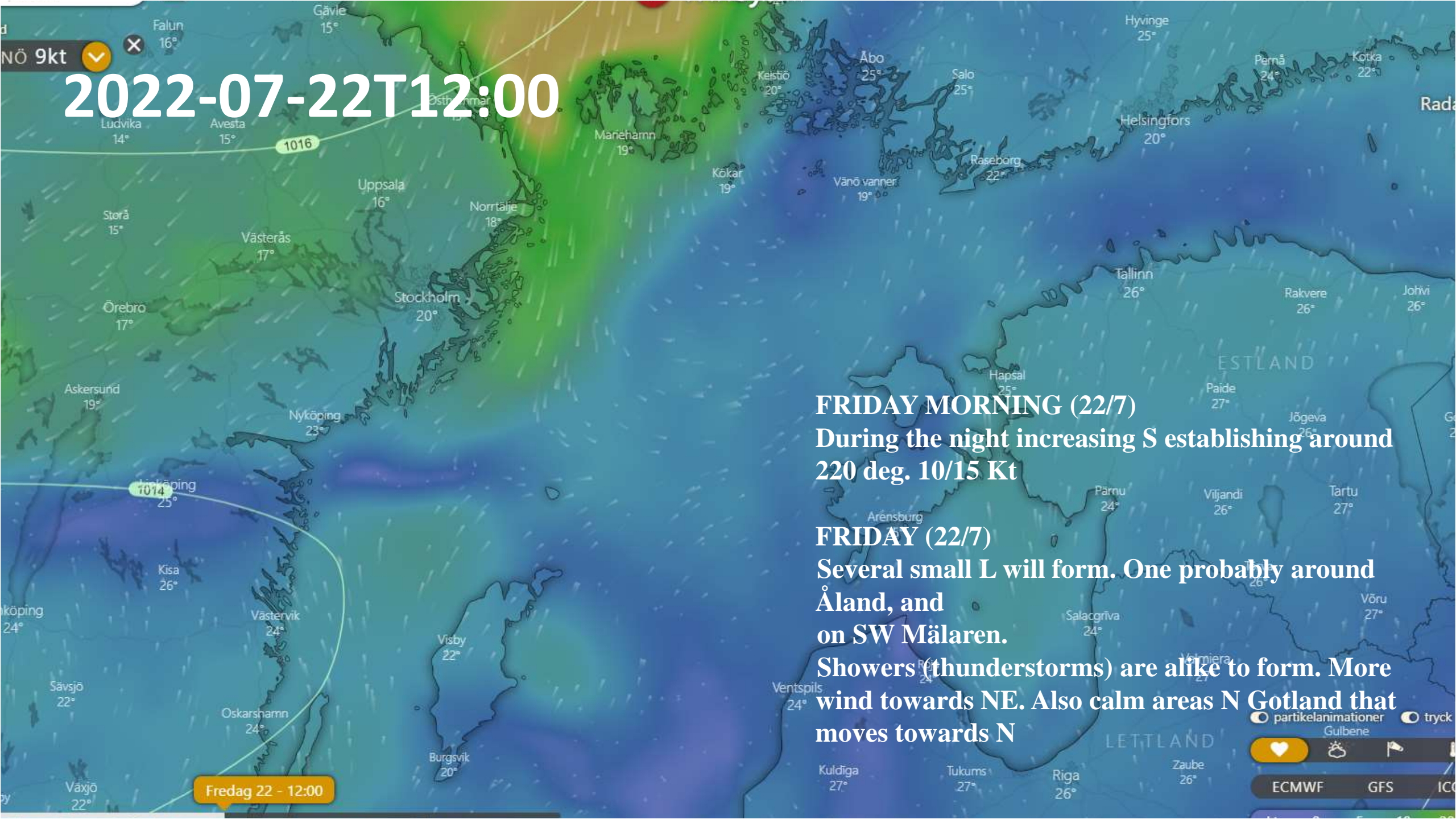
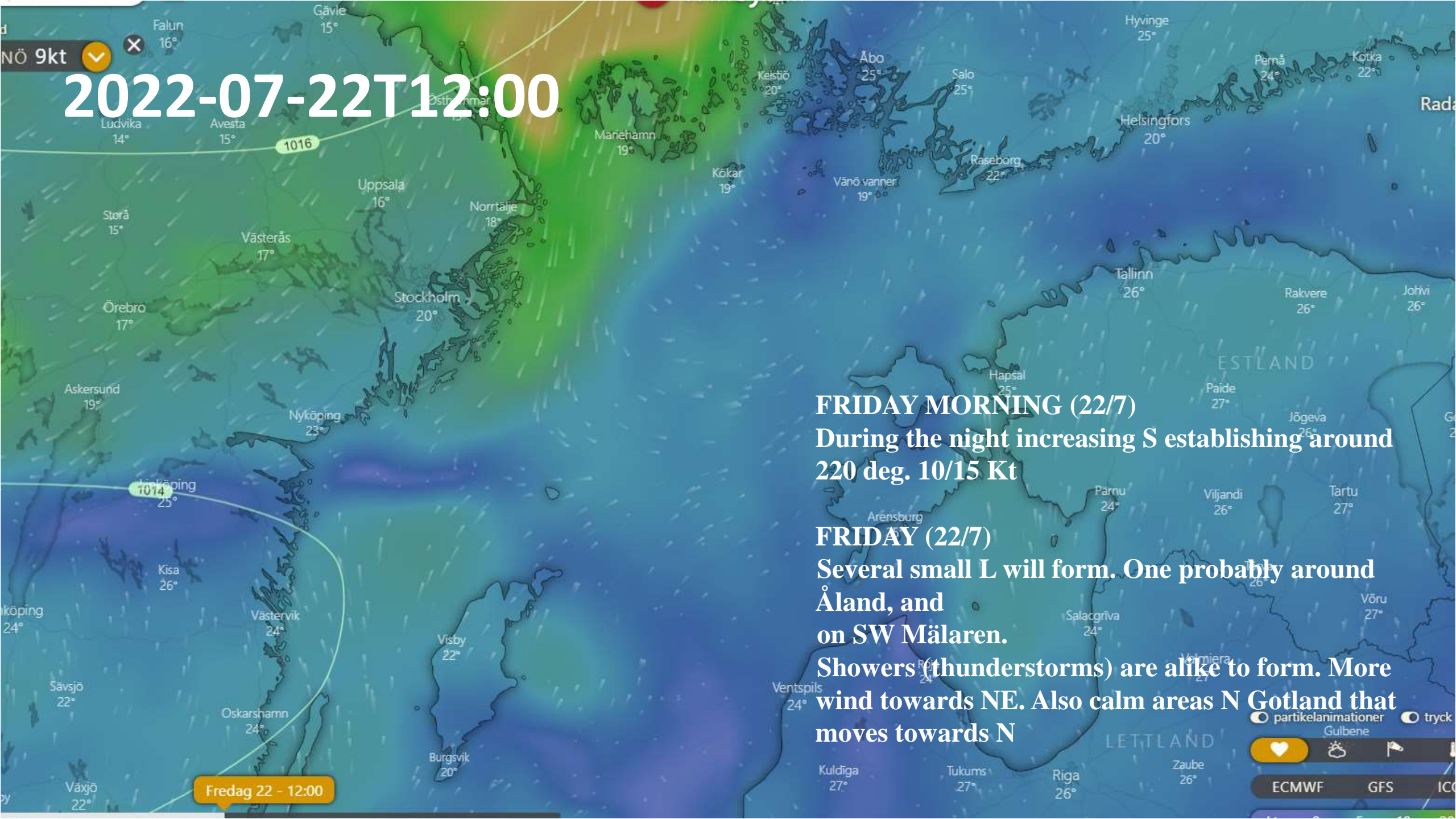
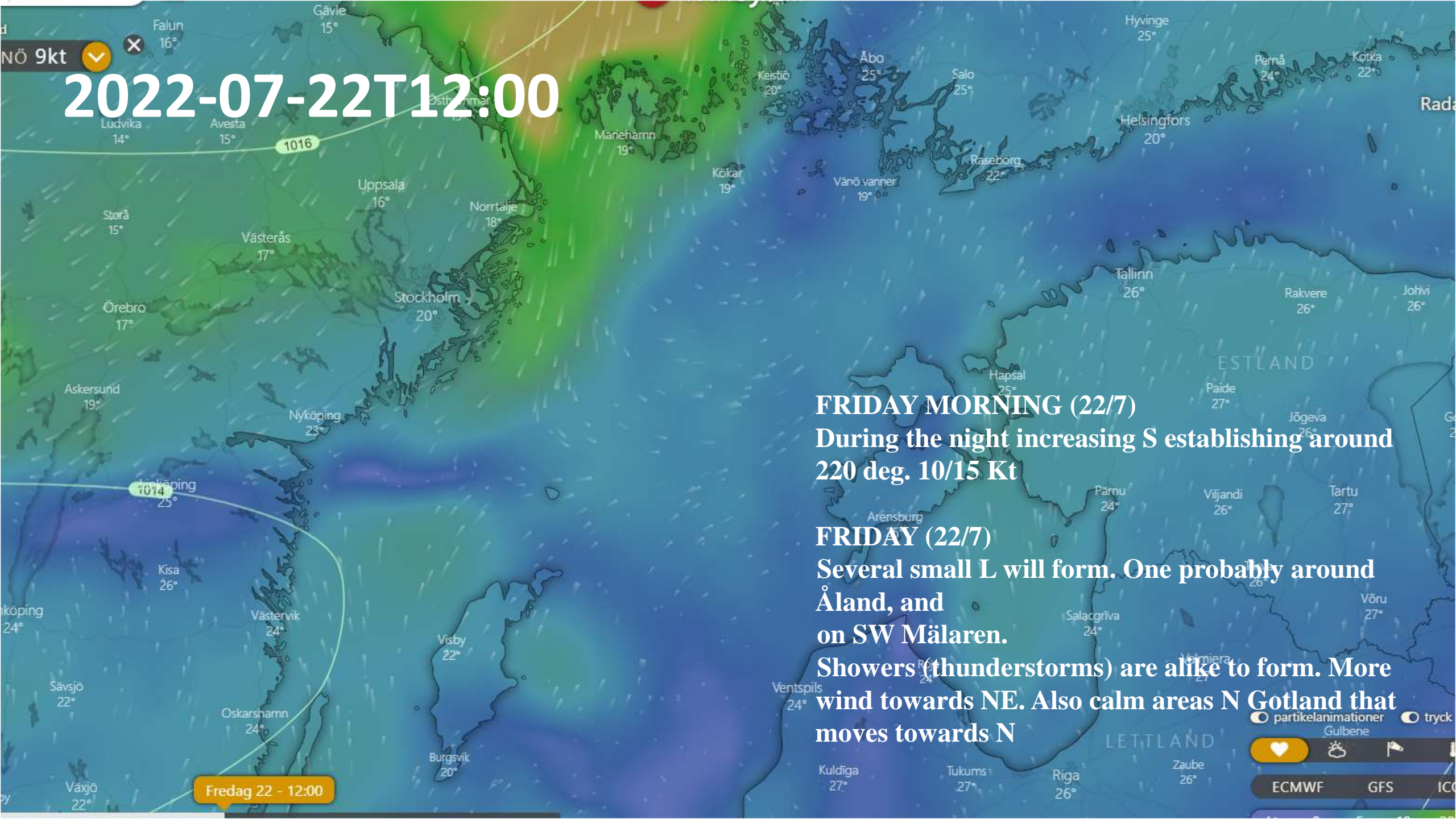
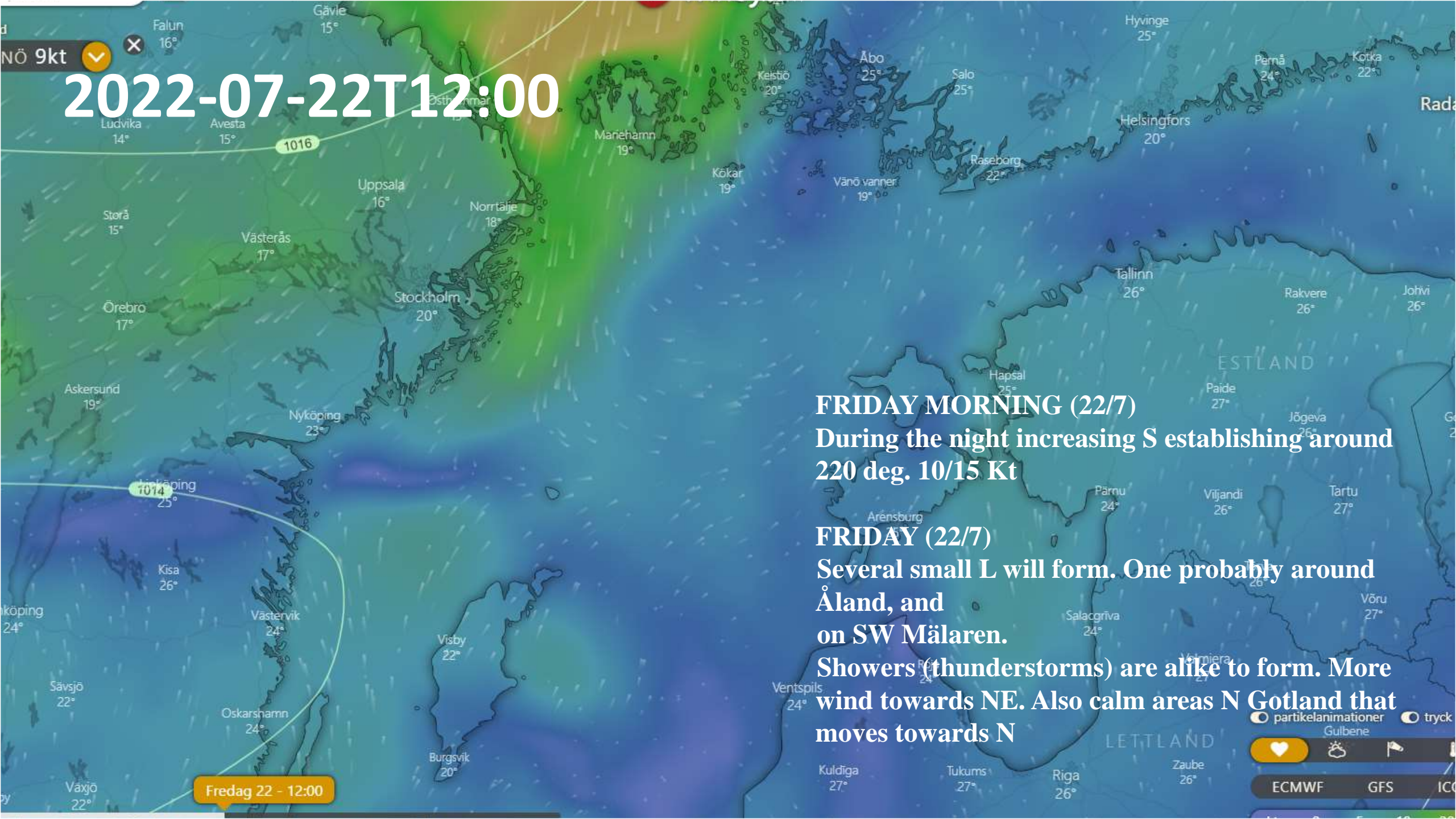
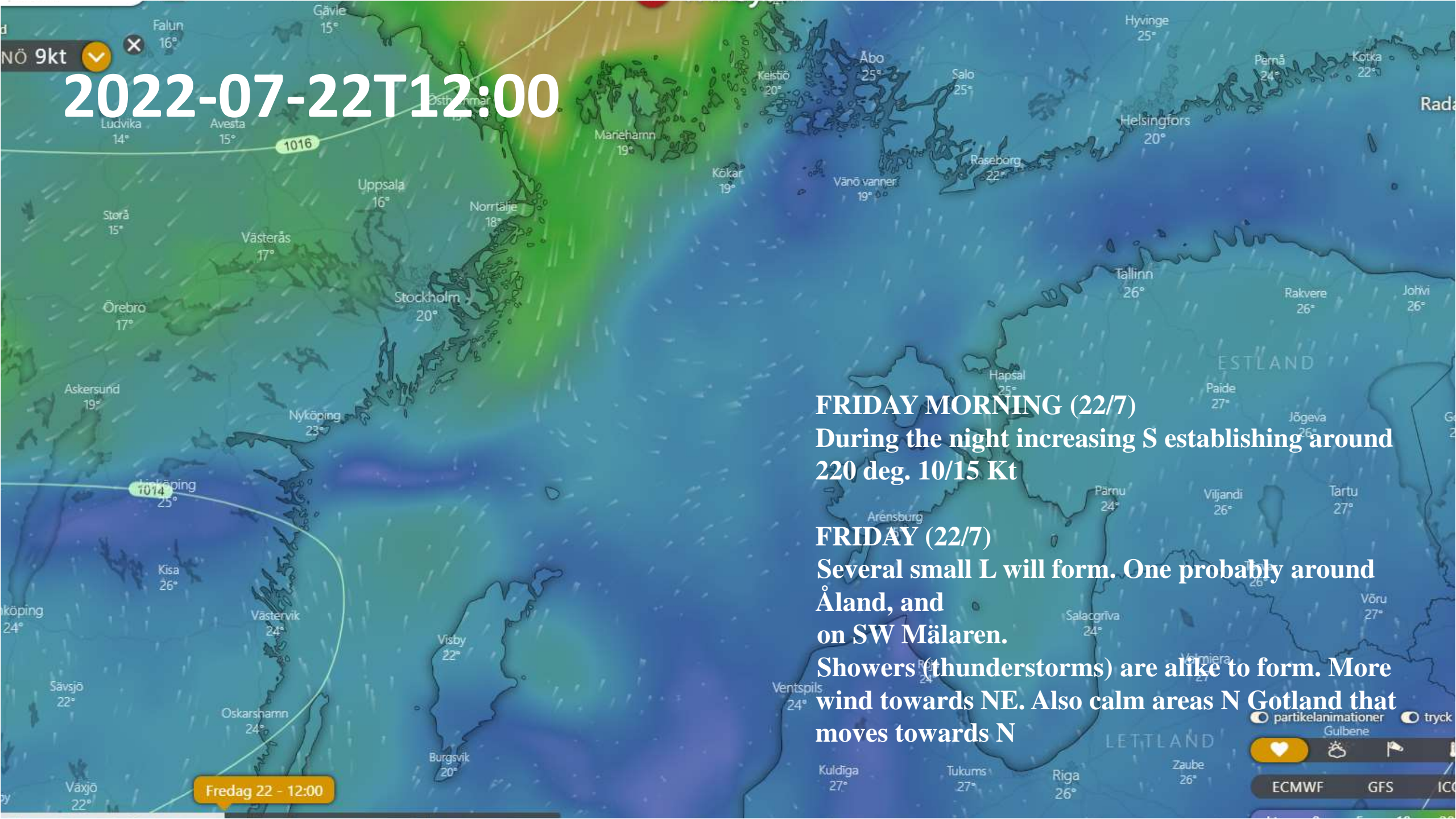
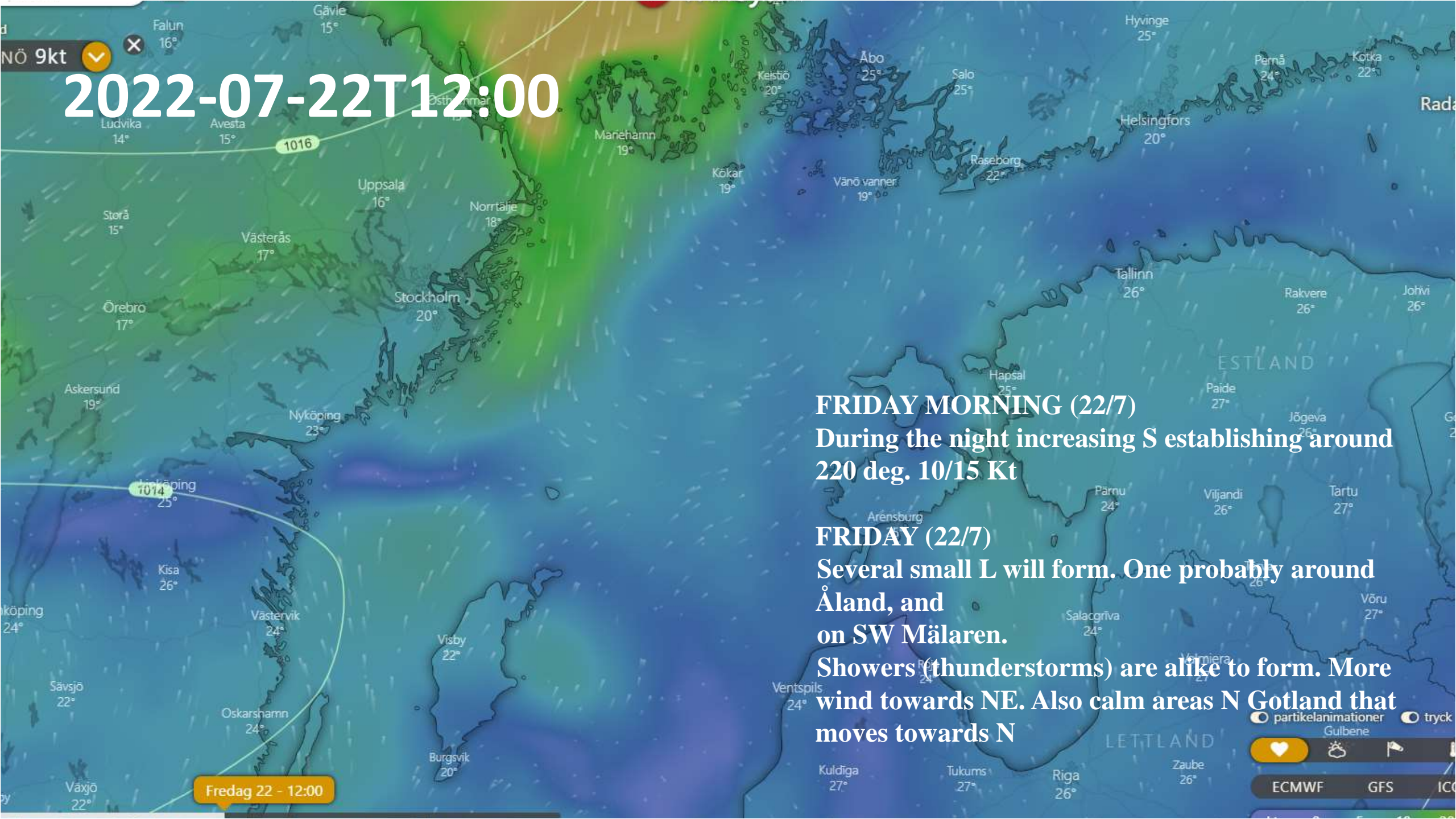
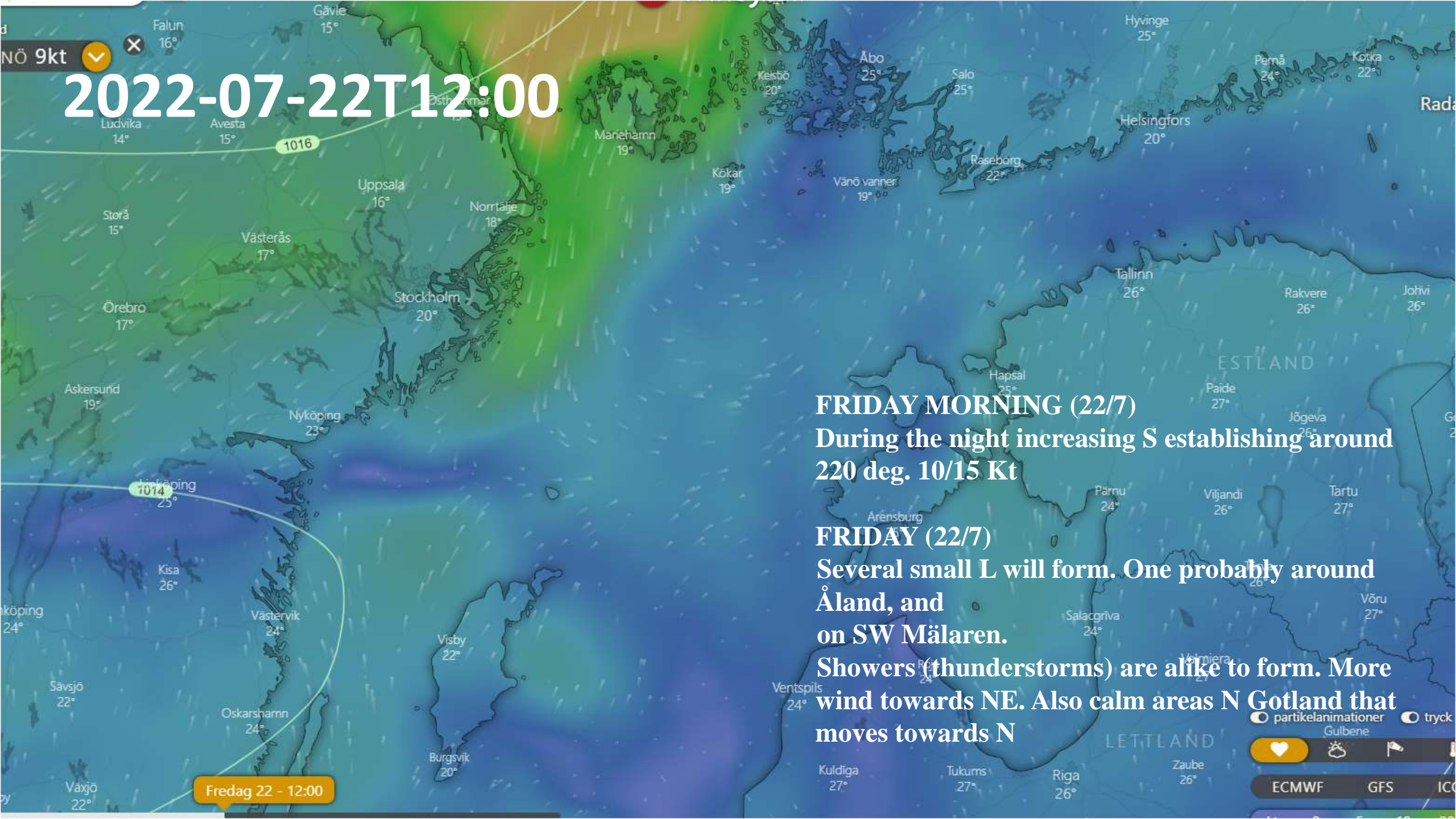
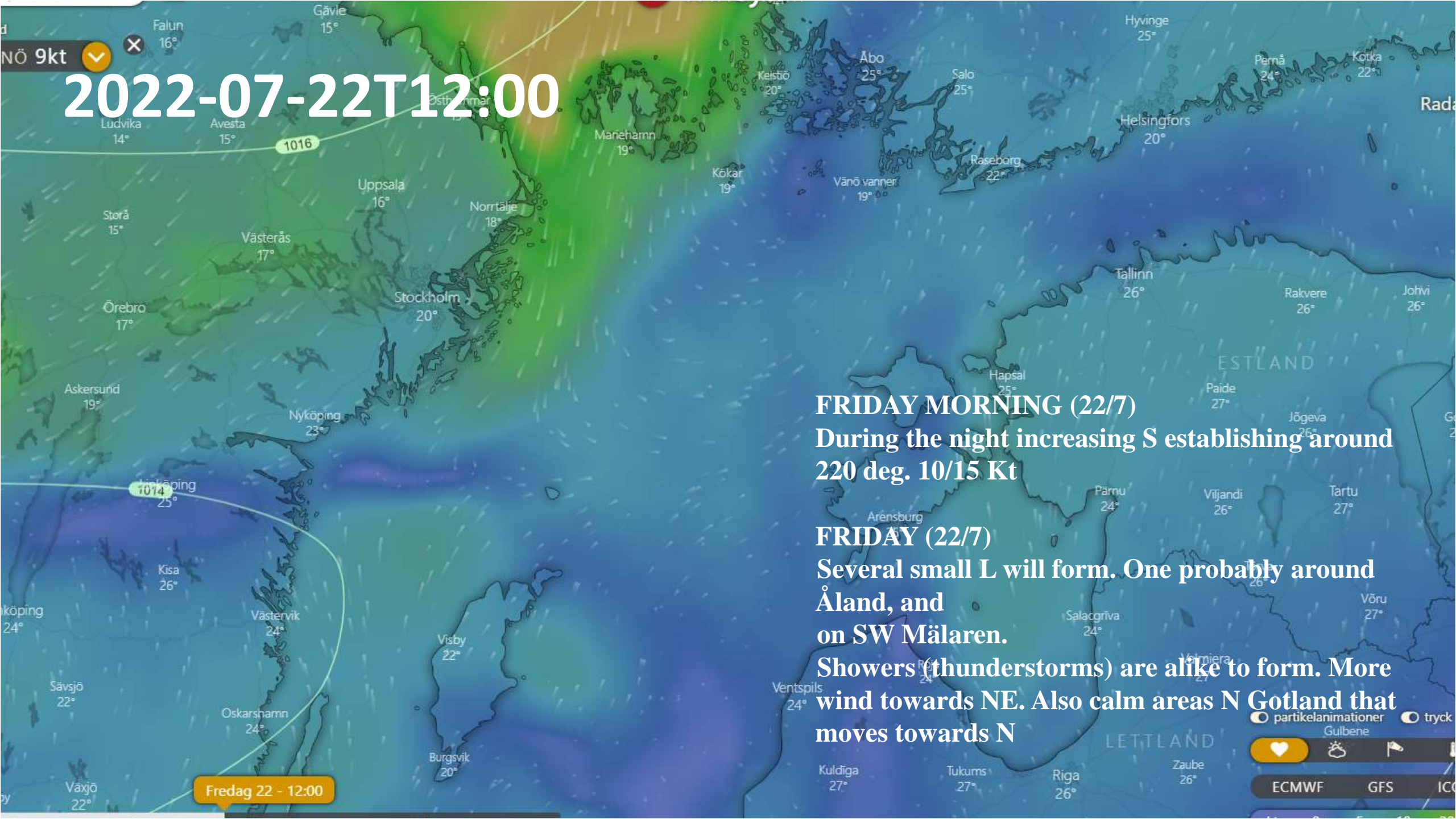
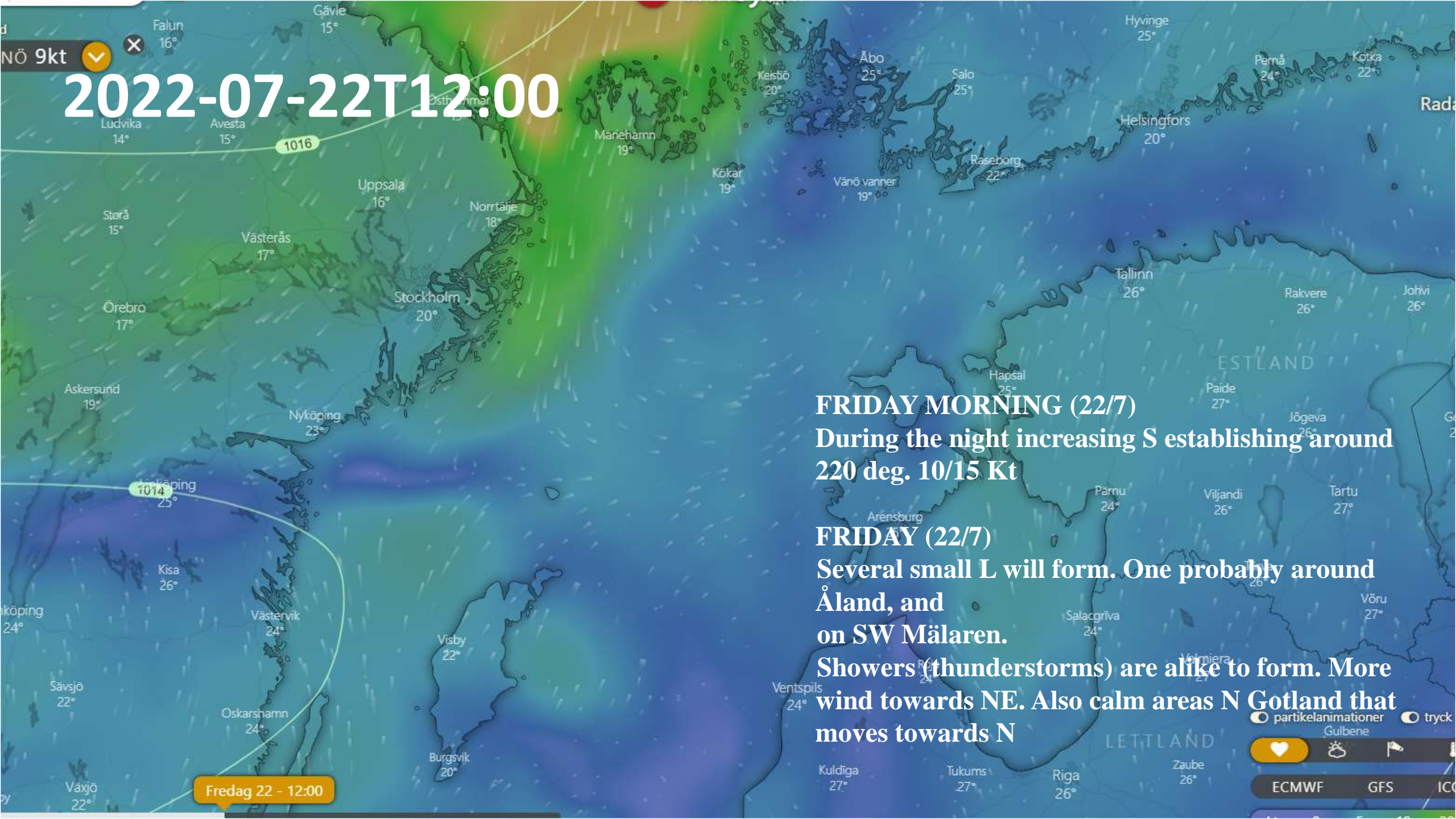
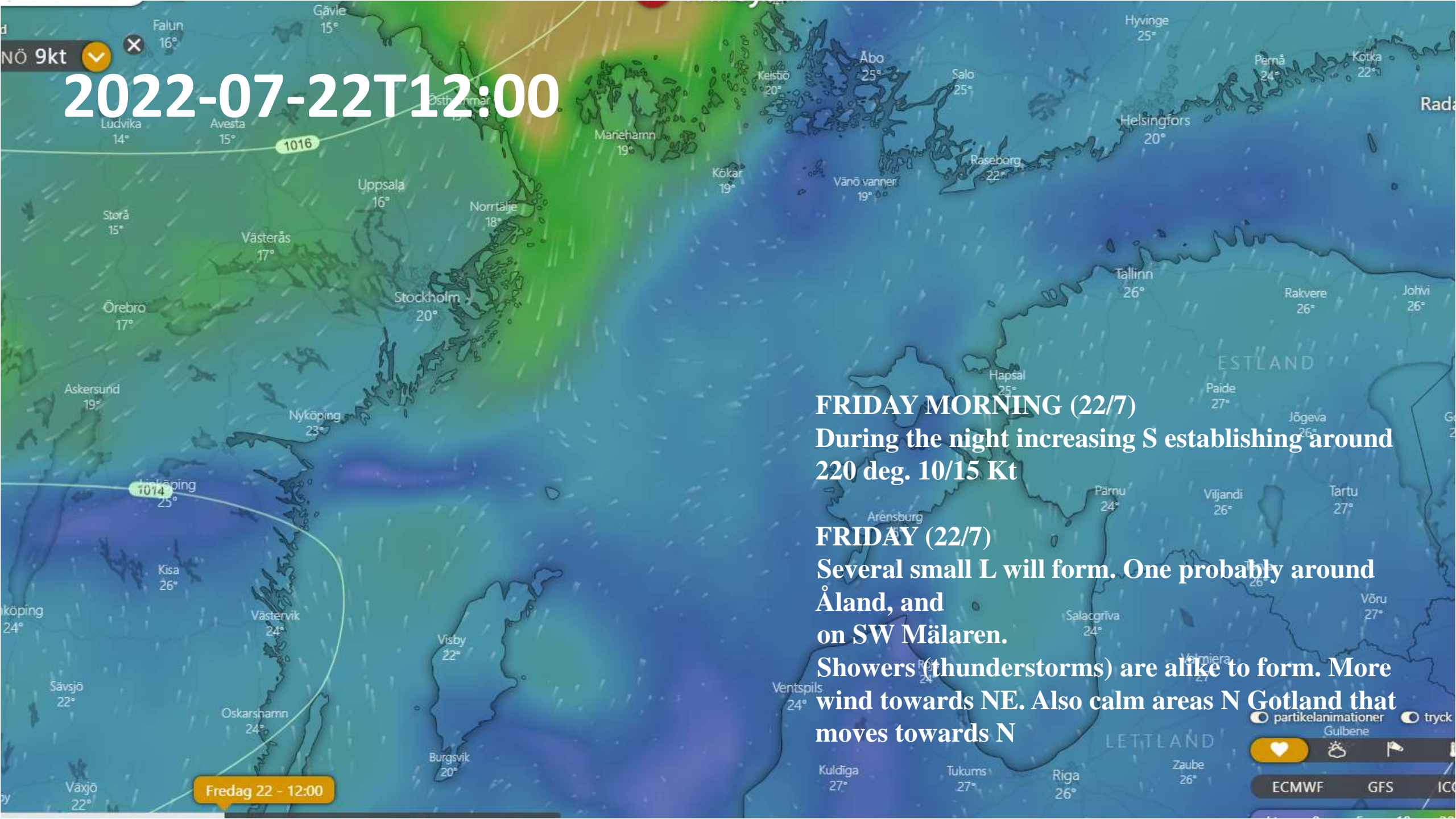
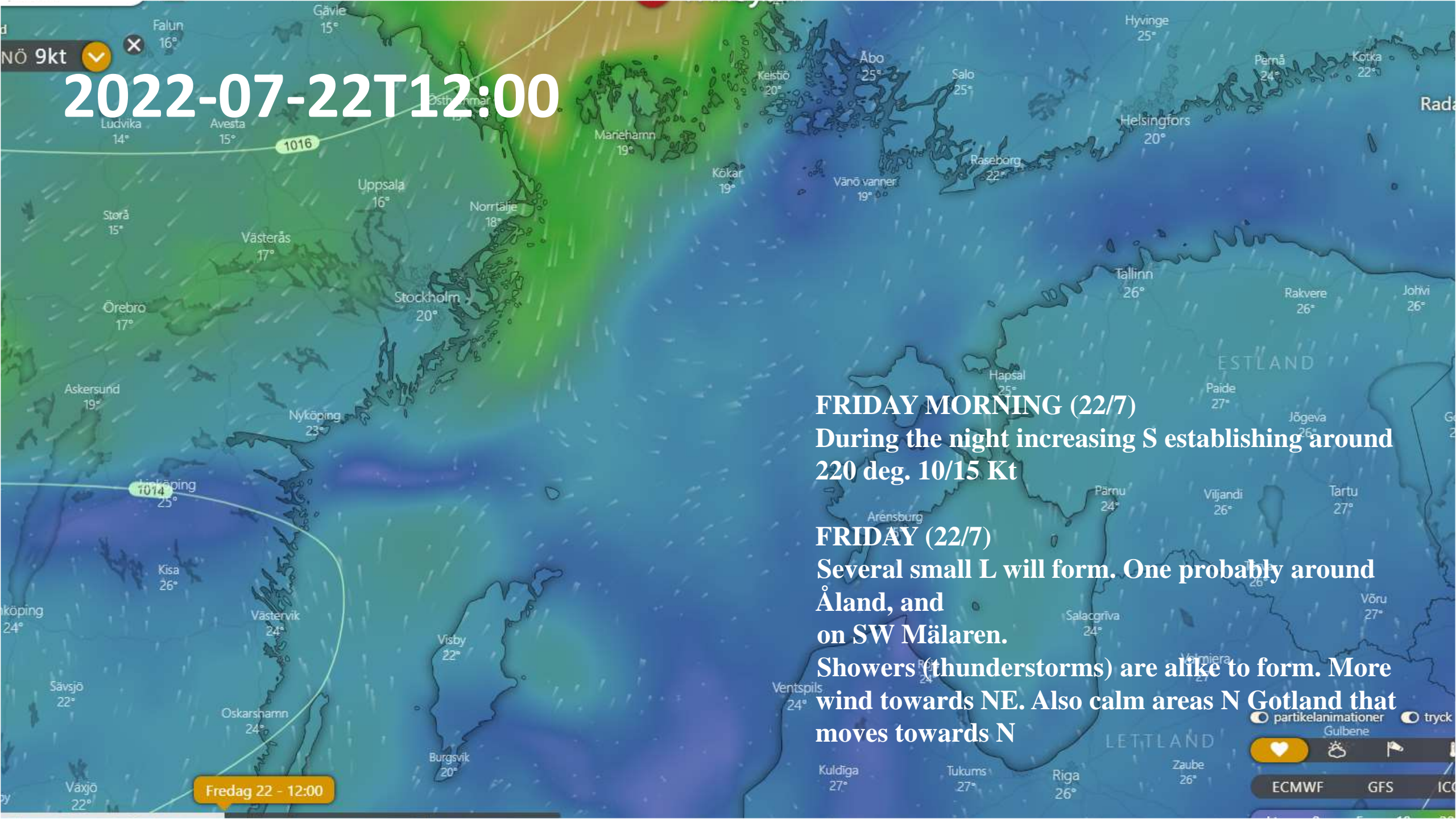
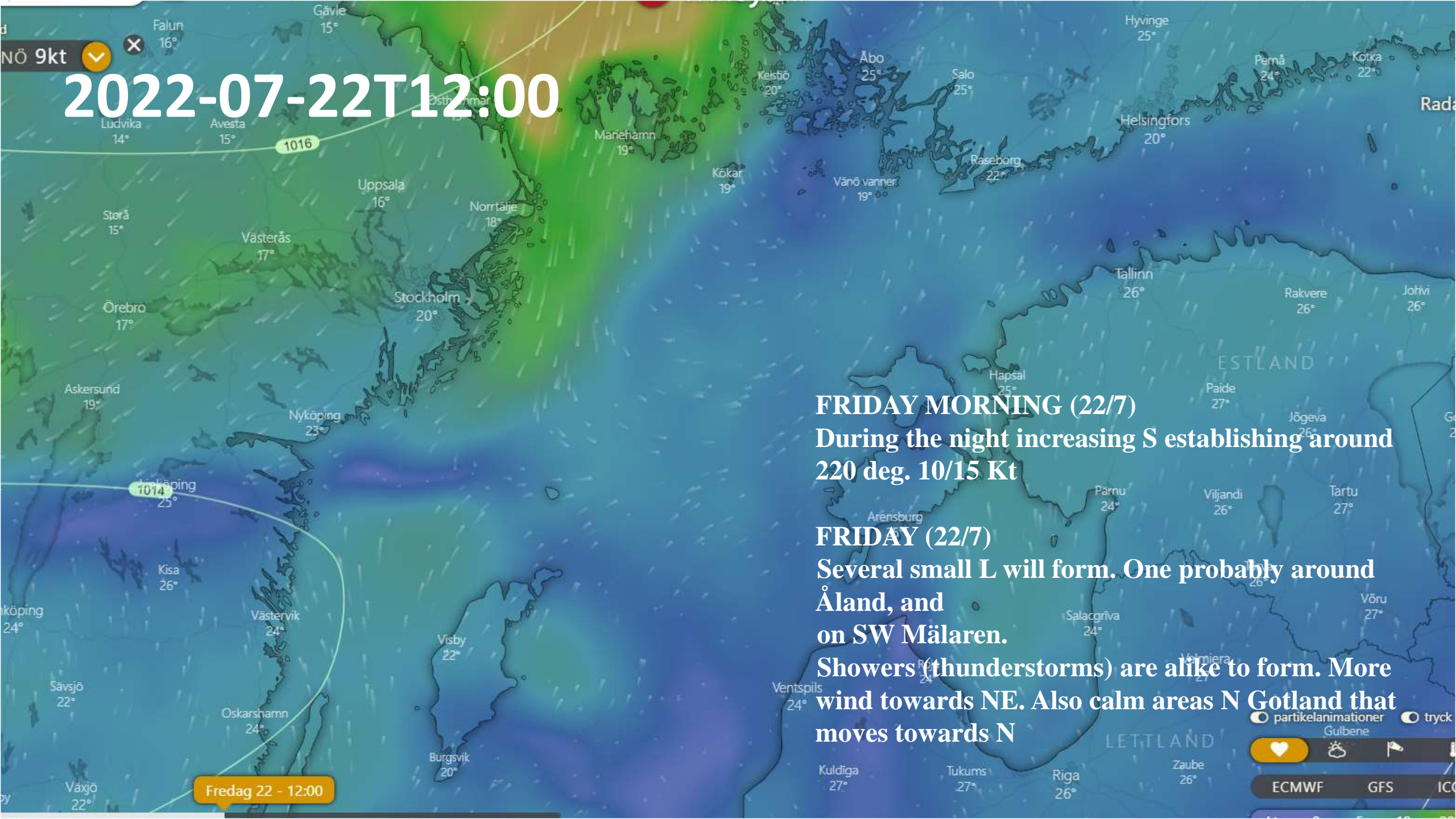
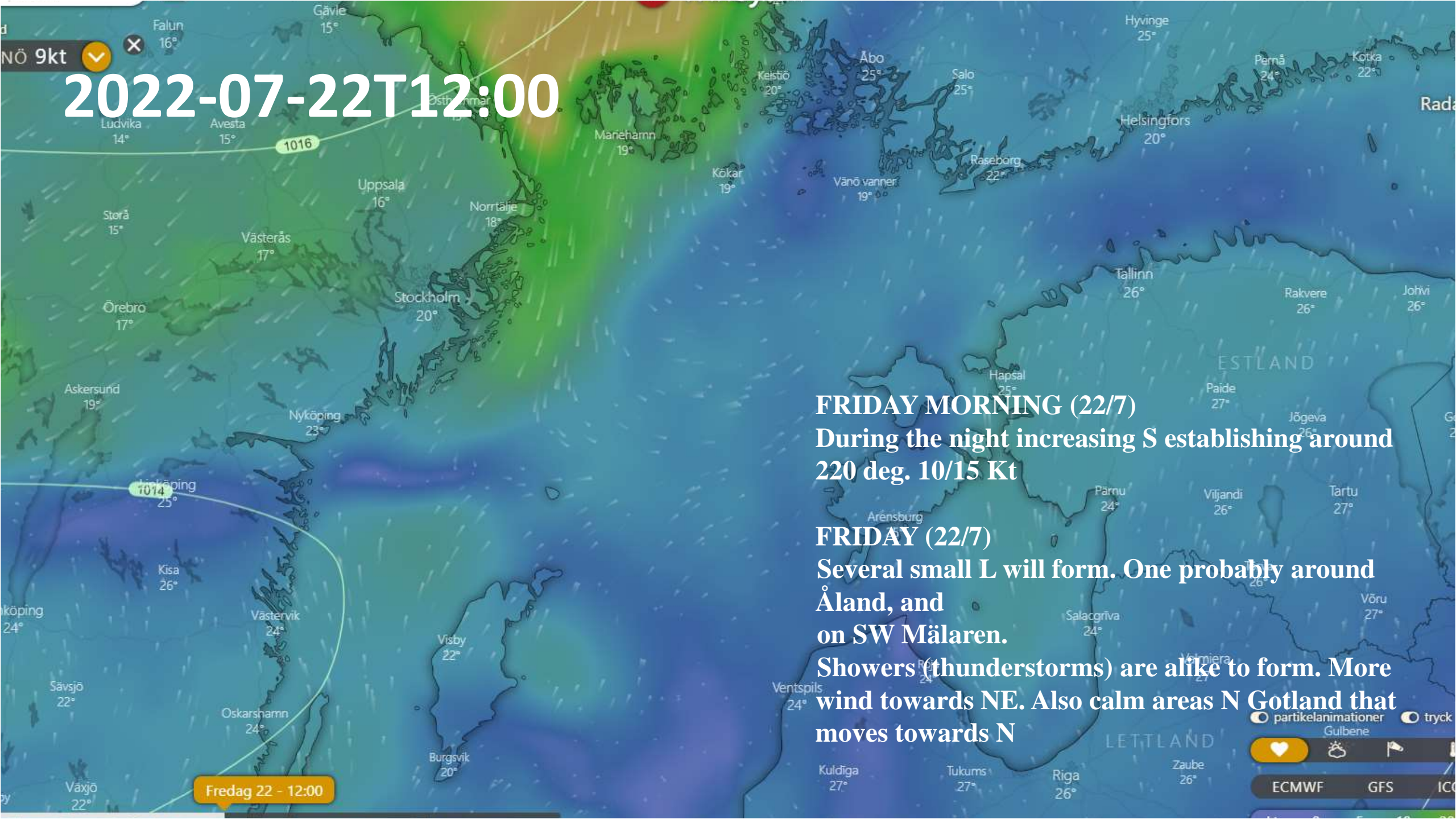
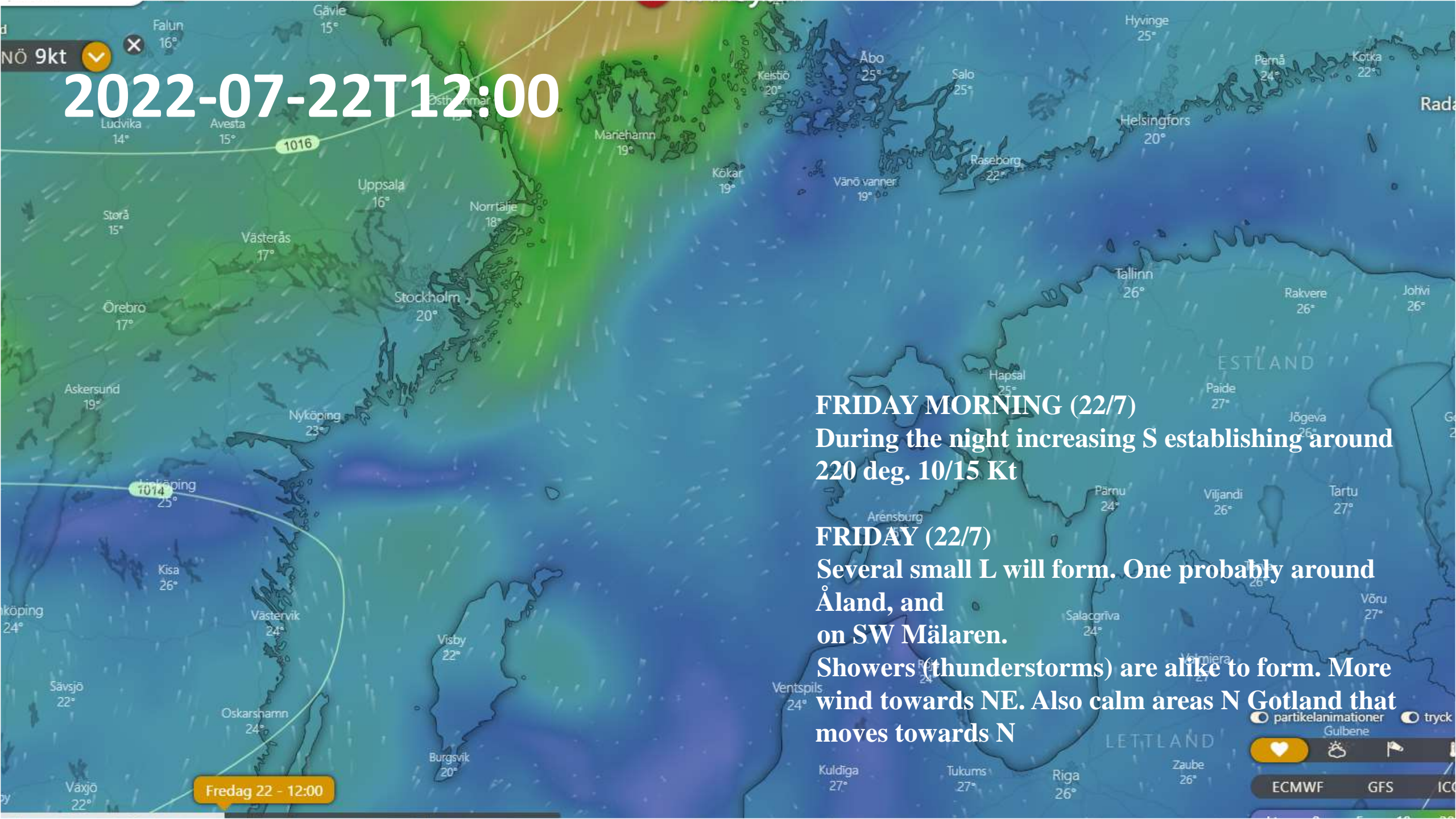
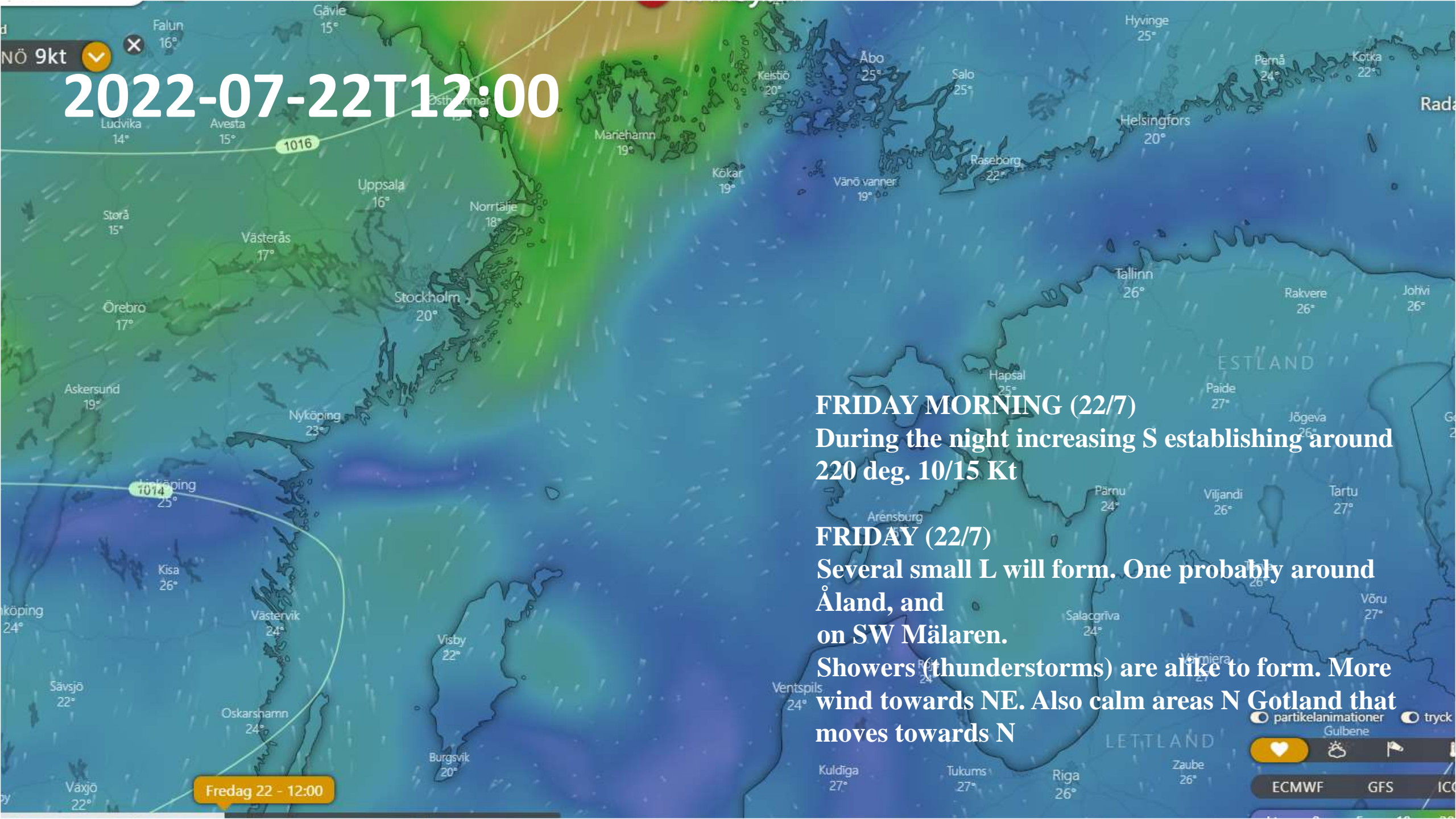
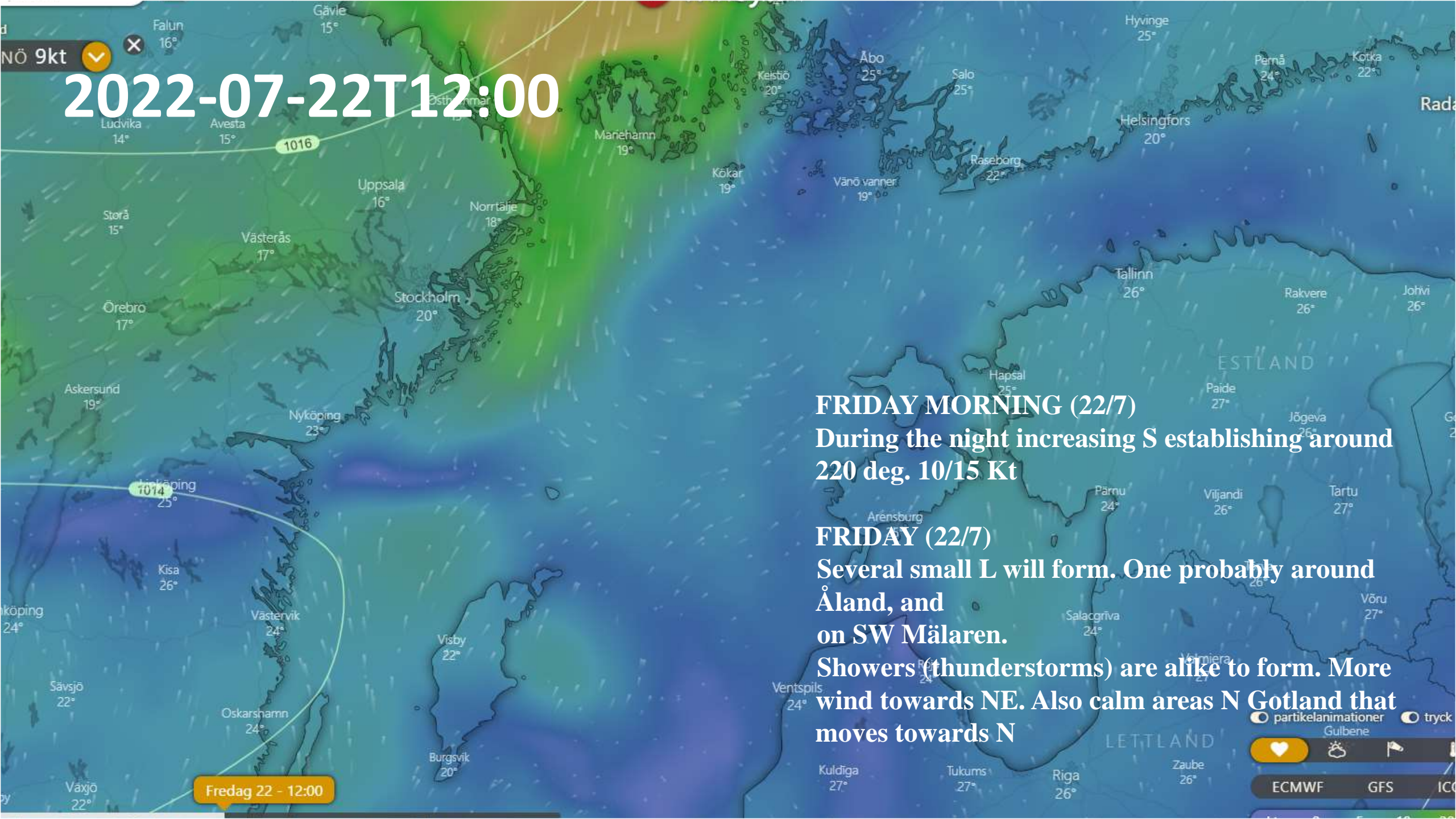
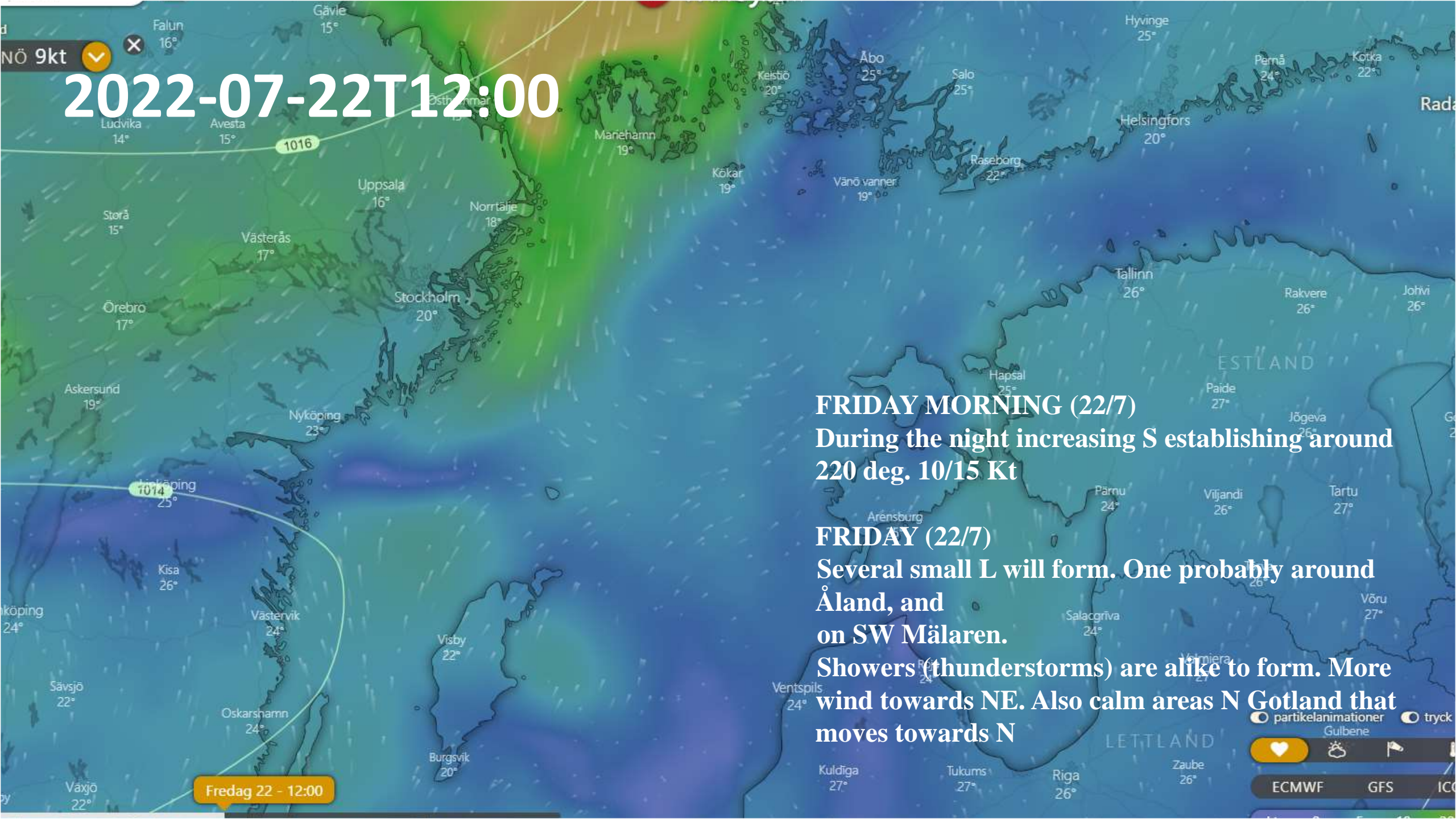
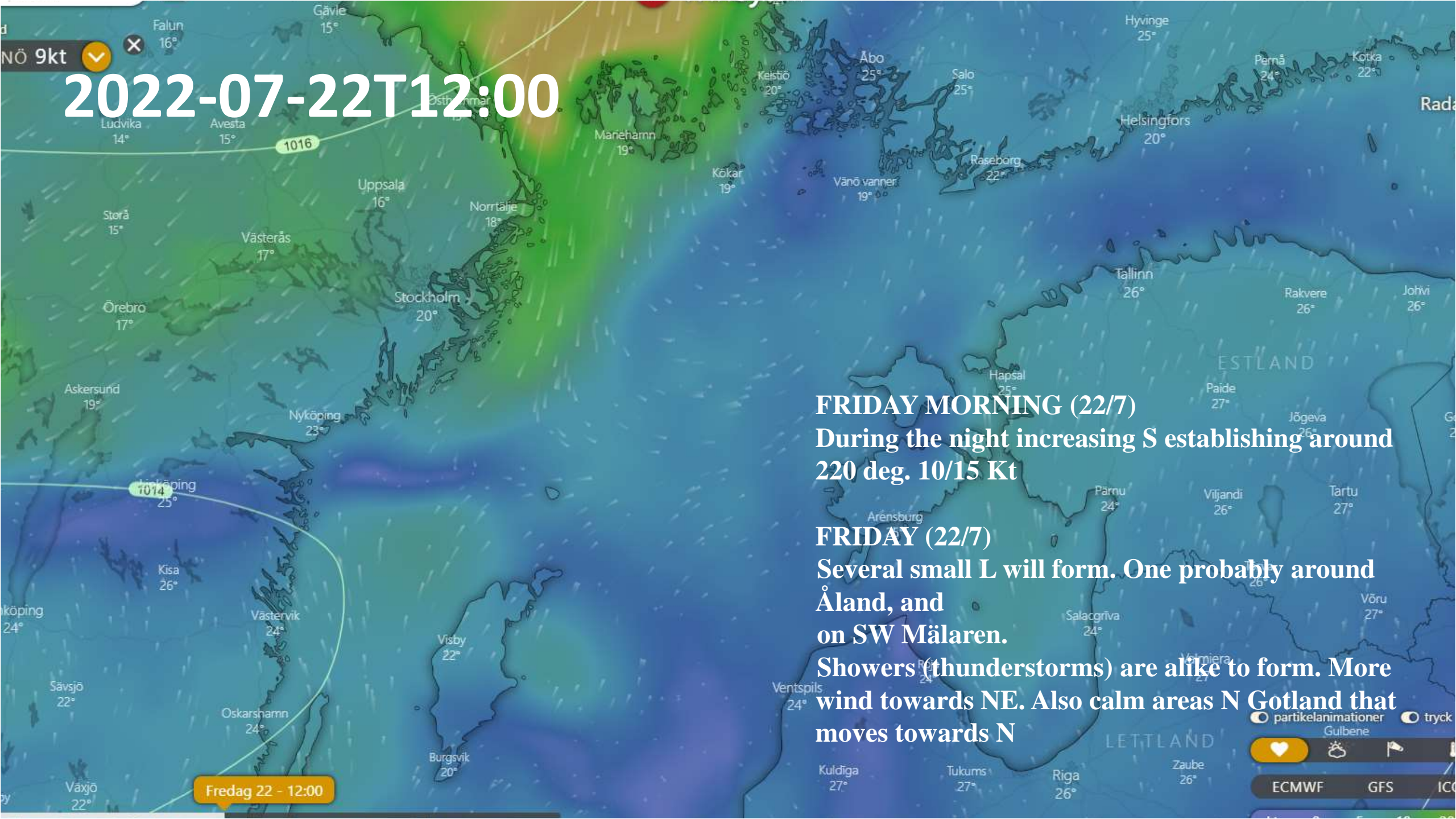
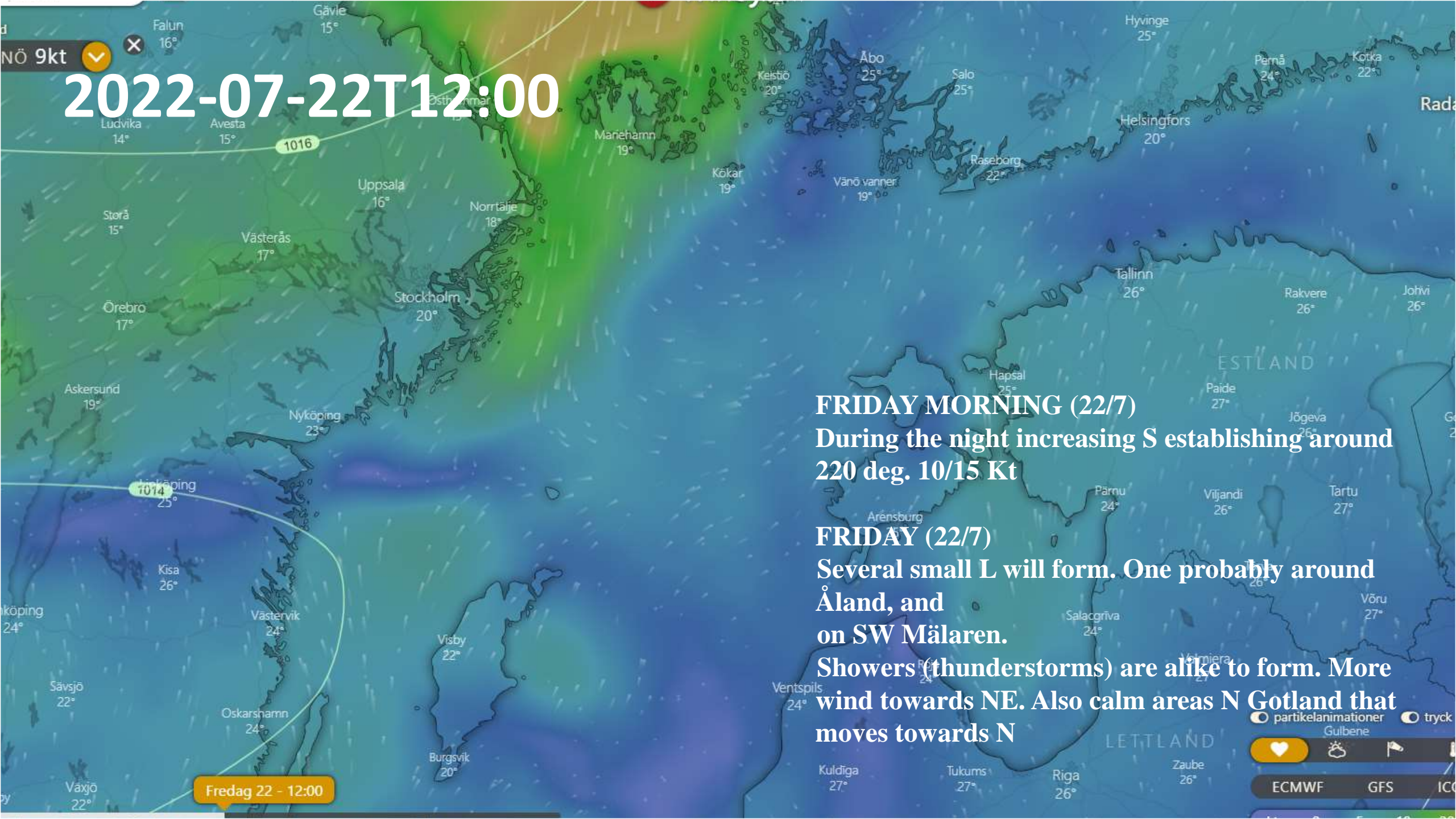
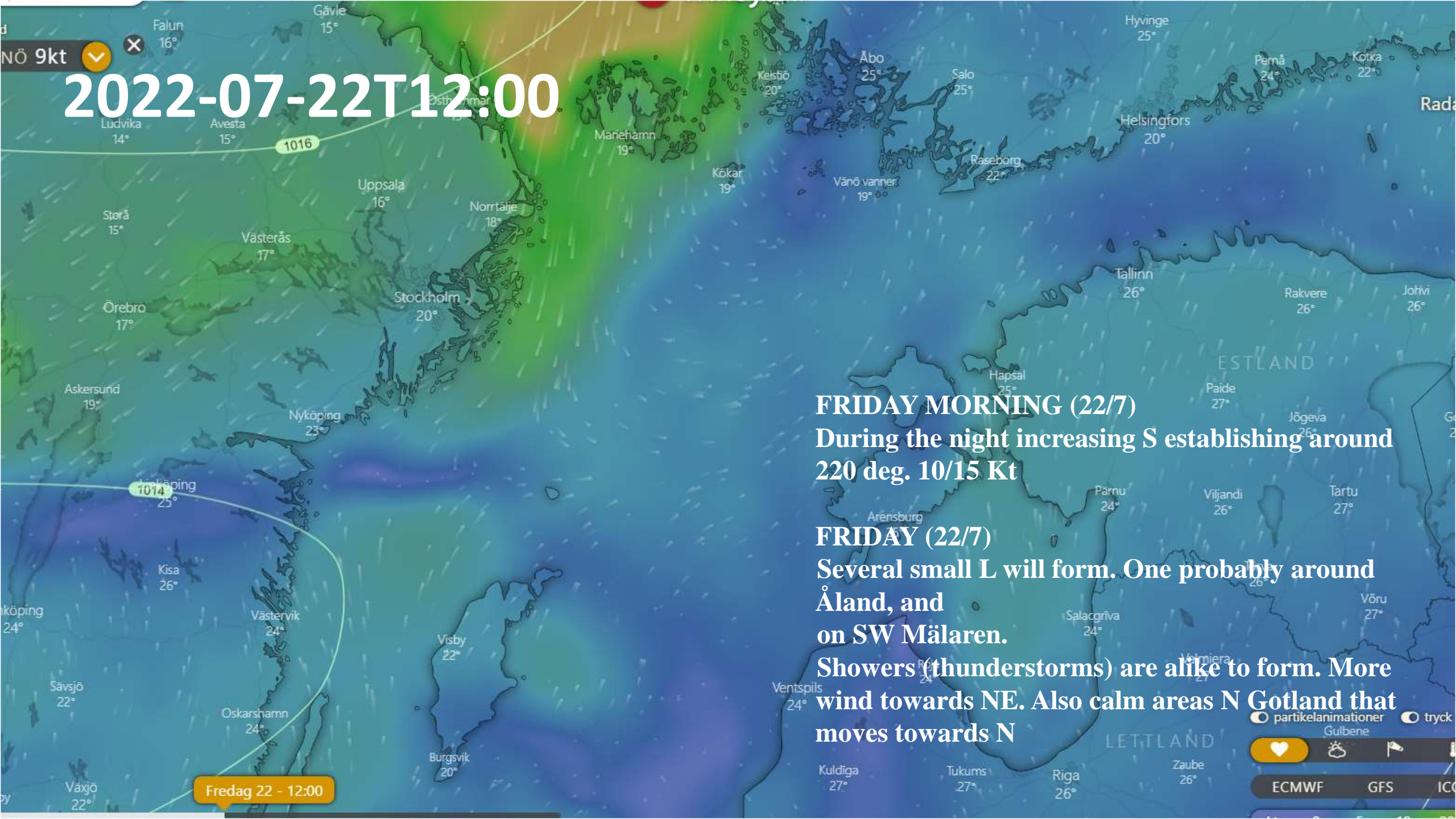
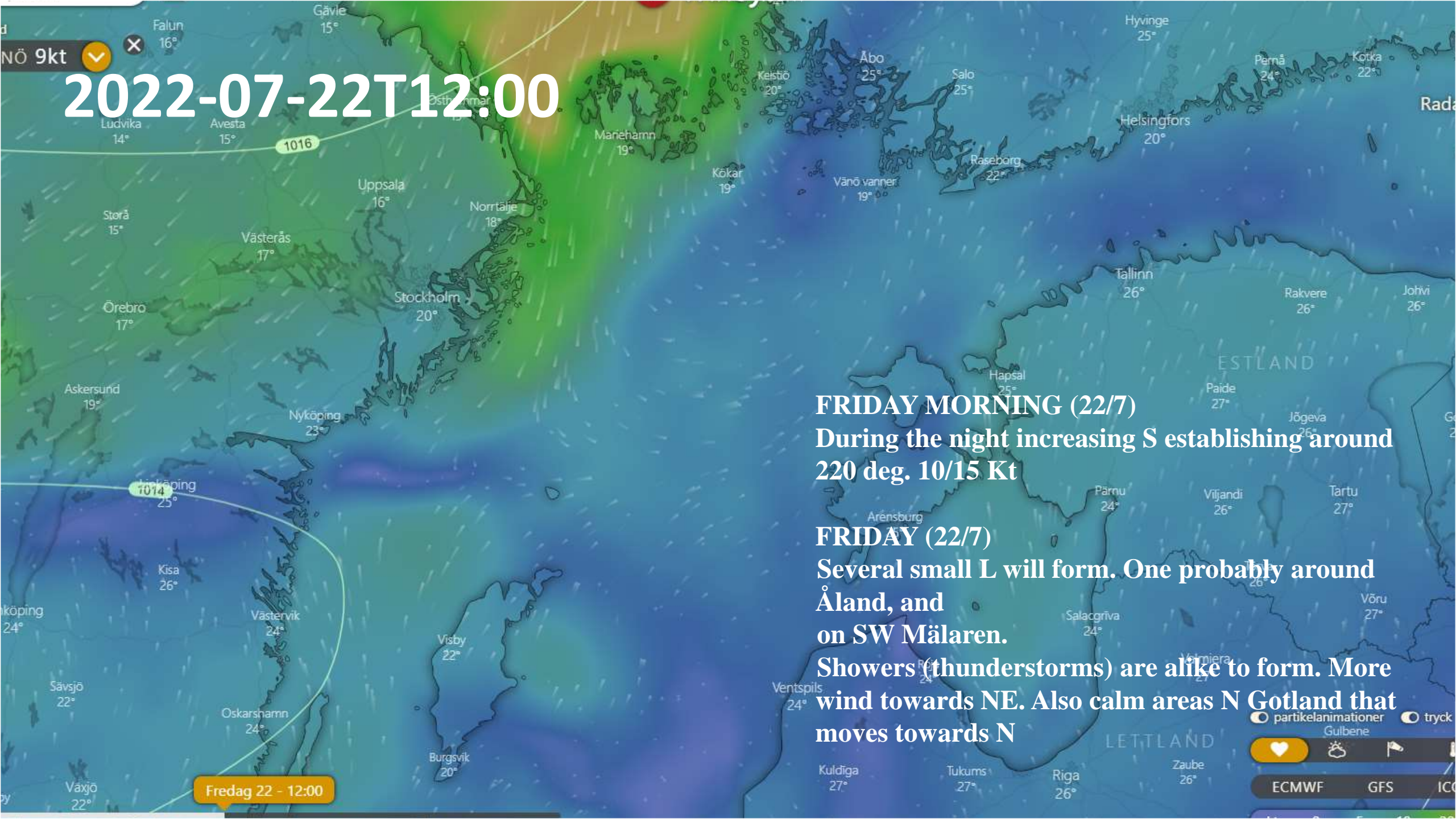
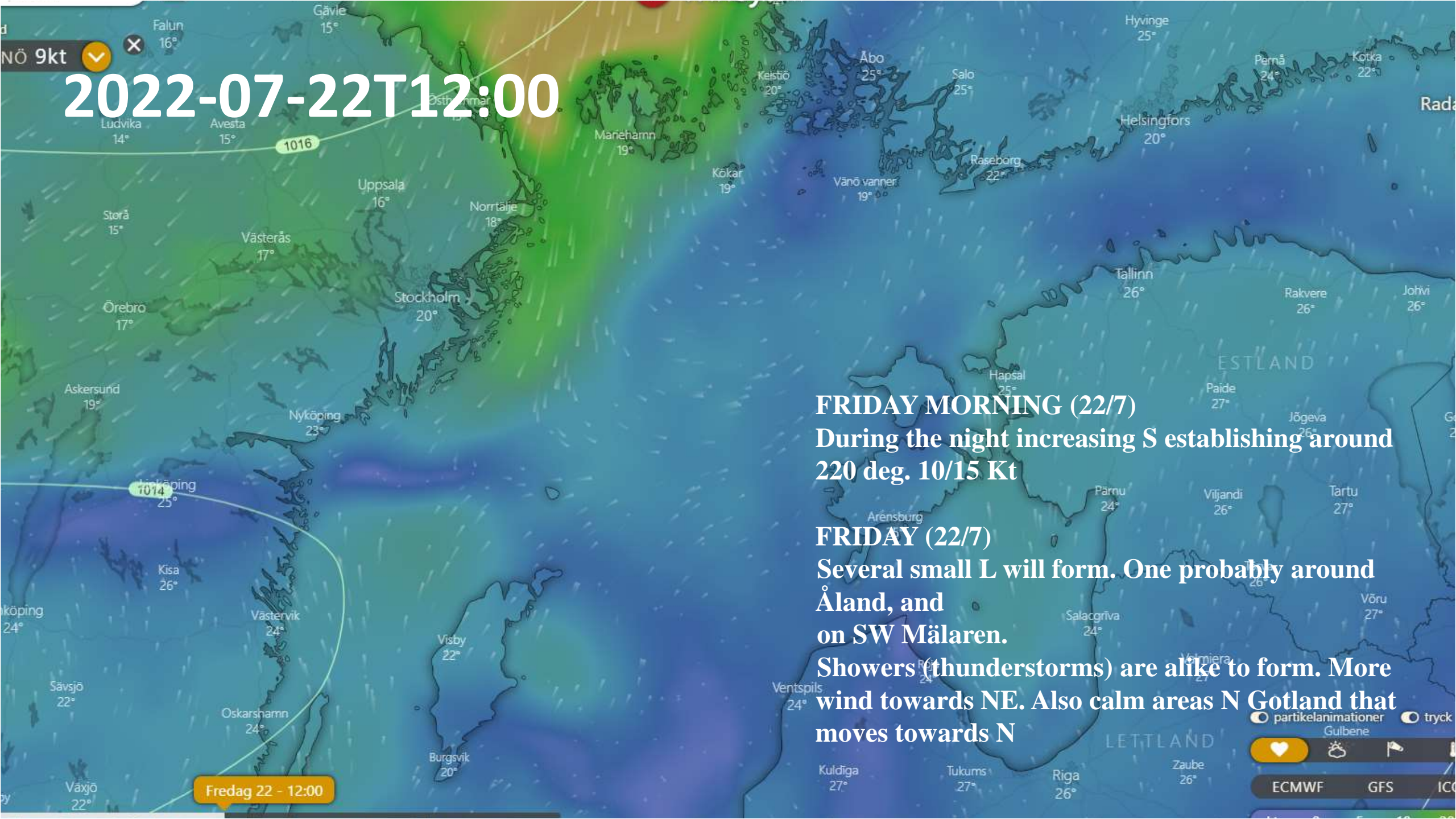
ECMWF GFS

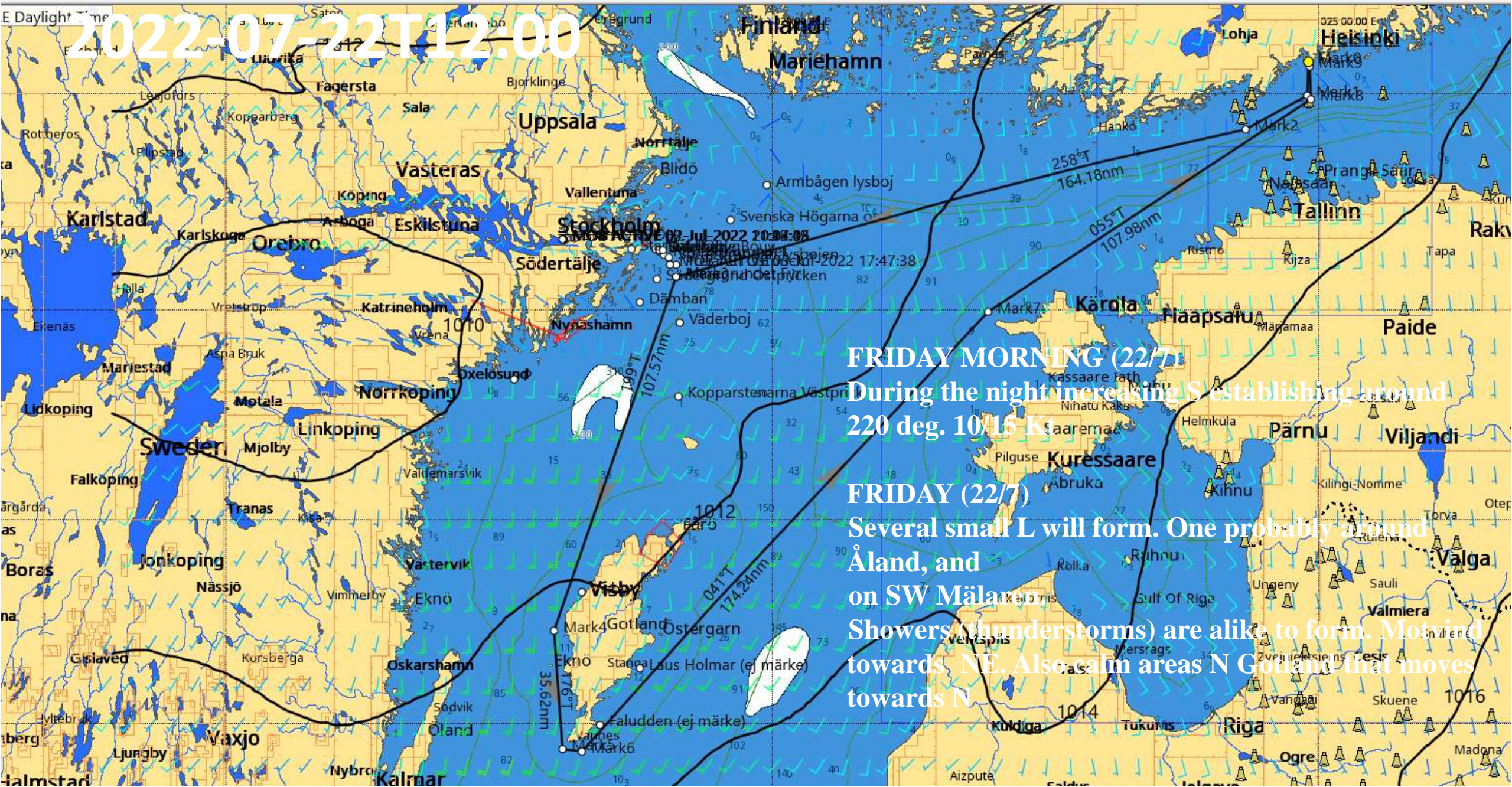


2022-07-22T00:00

START THURSDAY EVENING/NIGHT (21/7):

- Very weak winds from around S.
- Warm air!

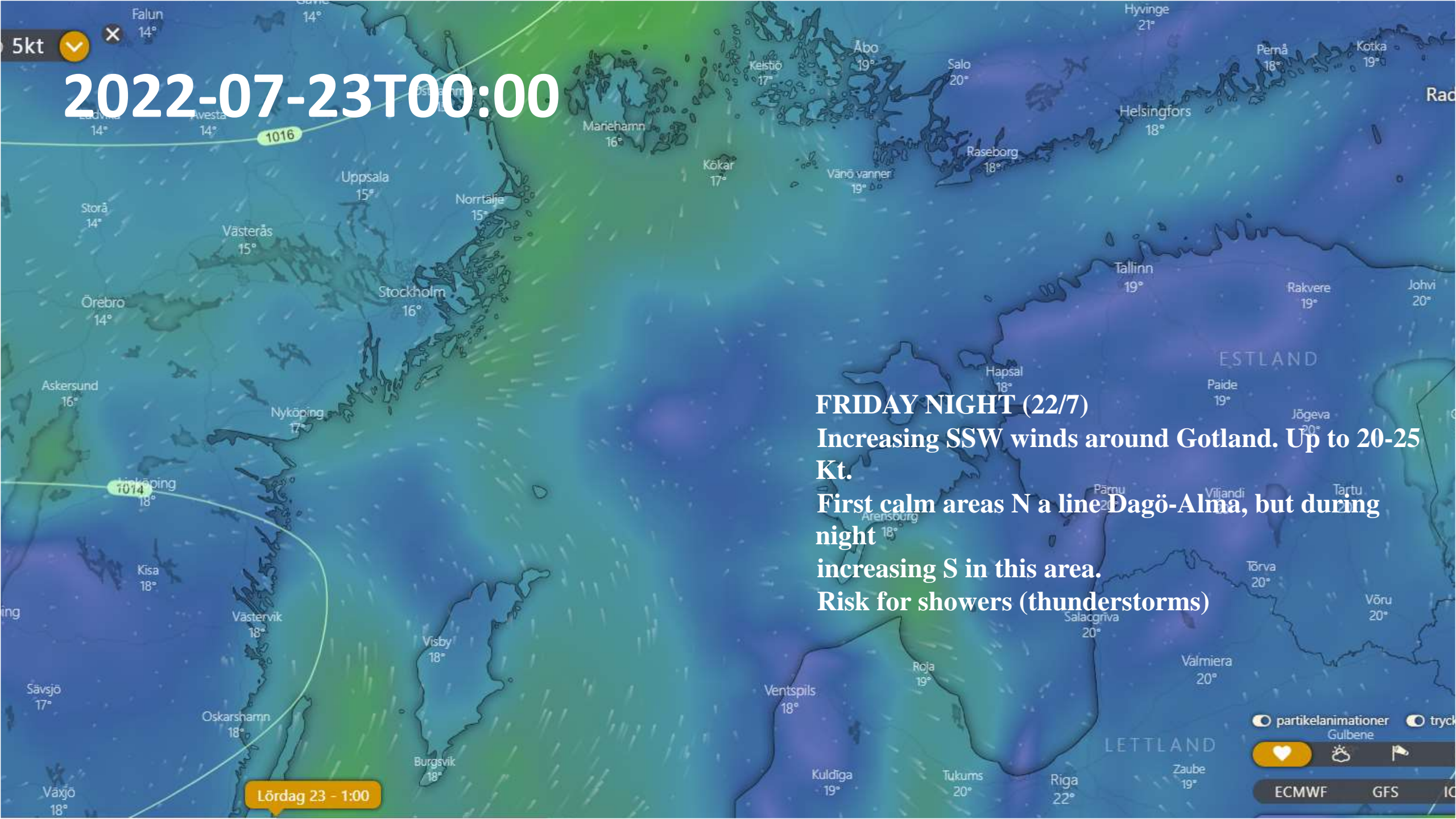




2022-07-22T12:00

FRIDAY MORNING (22/7)
During the night increasing S establishing around 220 deg. 10/15 Kt

FRIDAY (22/7)
Several small L will form. One probably around Åland, and on SW Mälaren.
Showers (thunderstorms) are alike to form. Mot wind towards NE. Also calm areas N Gotland that moves towards N



2022-07-23T00:00

FRIDAY NIGHT (22/7)

Increasing SSW winds around Gotland. Up to 20-25 Kt.



First calm areas N a line Dagö-Alma, but during night

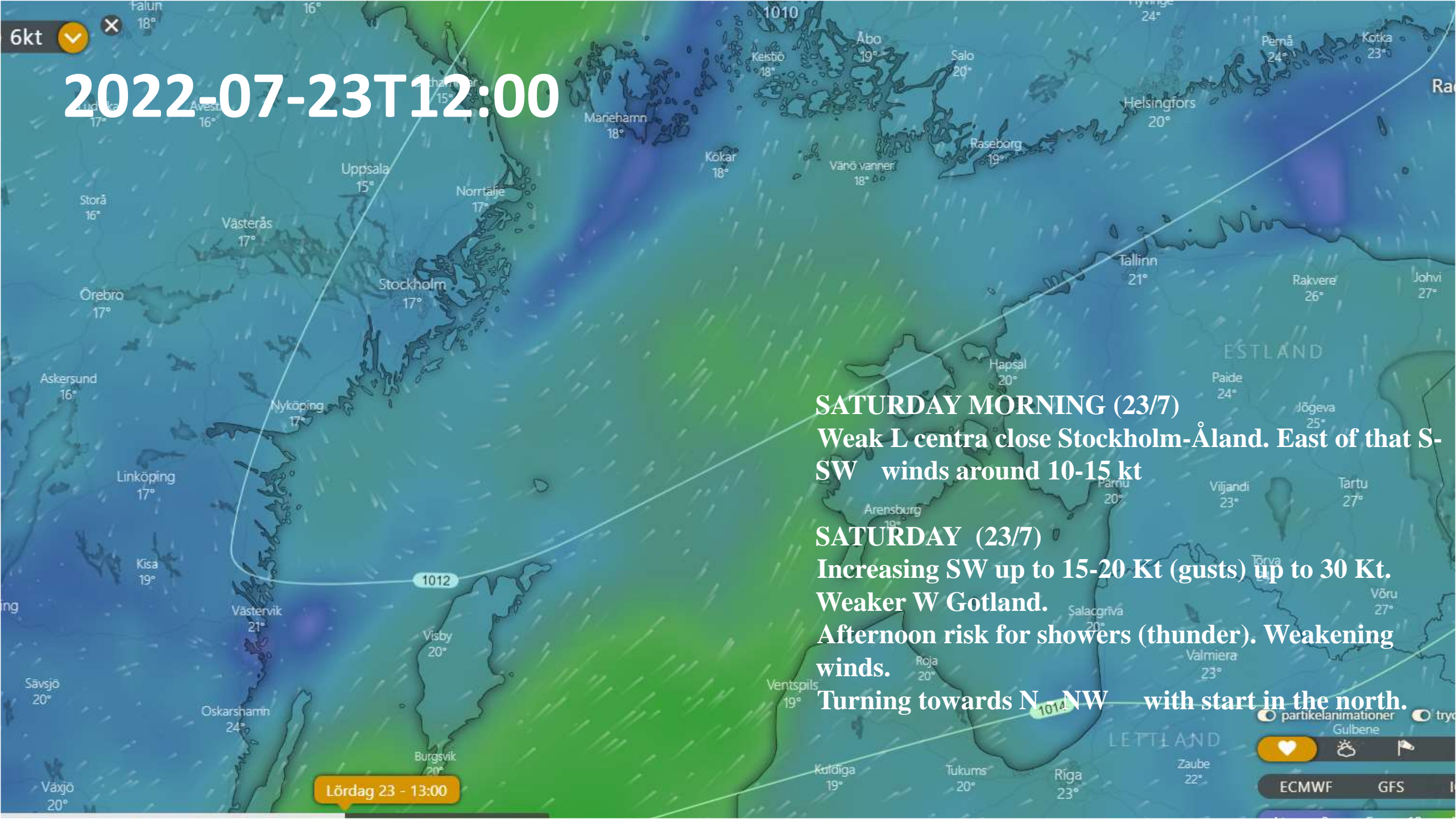
increasing S in this area.

Risk for showers (thunderstorms)

Lördag 23 - 1:00

☐ partikelanimationer ☐ tryck
Gulbene
☐ ☐
ECMWF GFS

6kt   18° 16°
2022-07-23T12:00



SATURDAY MORNING (23/7)

Weak L centra close Stockholm-Åland. East of that S-SW winds around 10-15 kt

SATURDAY (23/7)

Increasing SW up to 15-20 Kt (gusts) up to 30 Kt. Weaker W Gotland.

Afternoon risk for showers (thunder). Weakening winds.

Turning towards N-NW with start in the north.

Lördag 23 - 13:00

2022-07-24T00:00

SATURDAY (23/7)

Increasing SW up to 15-20 Kt (gusts) up to 30 Kt

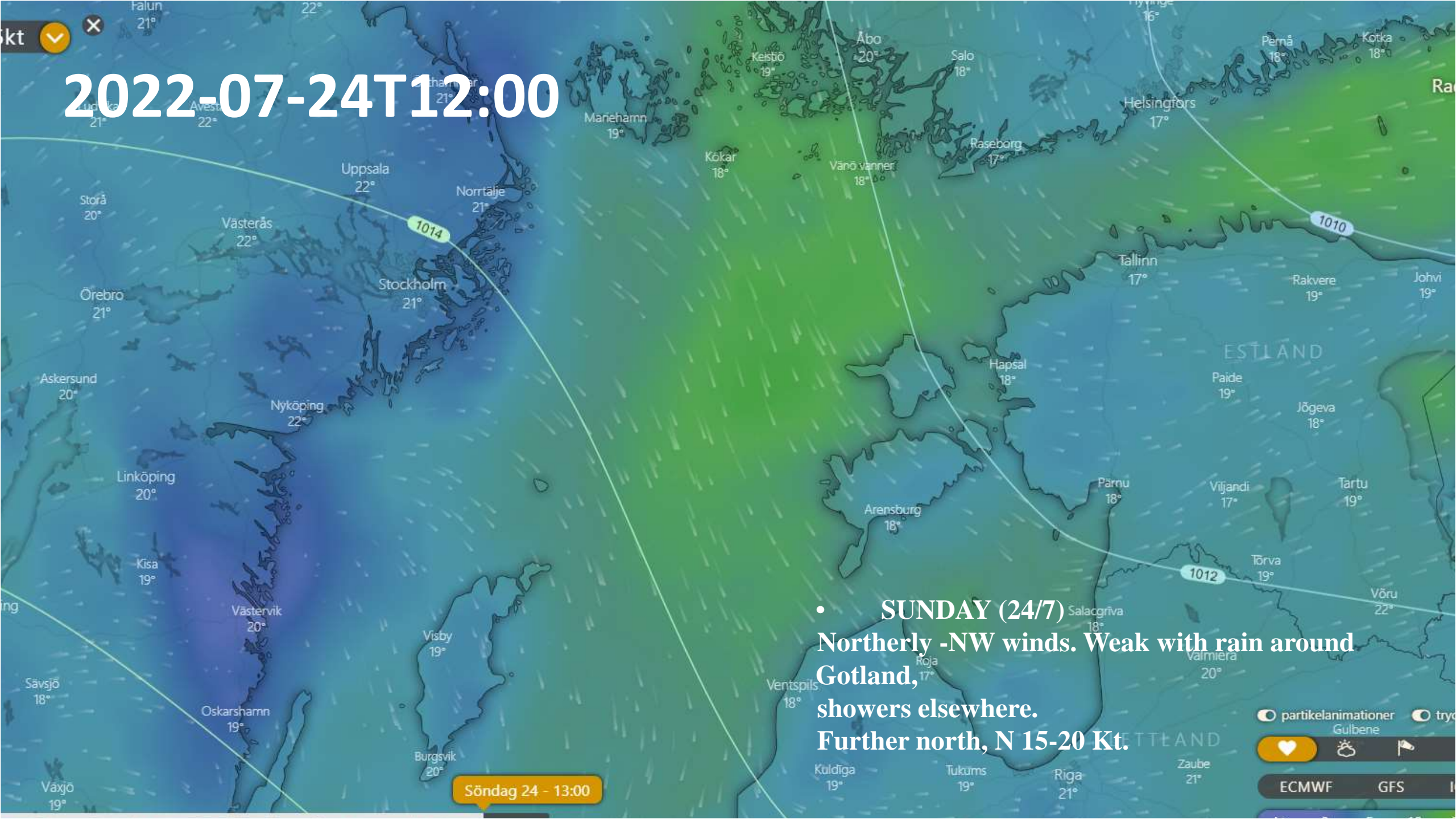
Weaker W Gotland.

Afternoon risk for showers (thunder). Weakening winds.

Turning towards N - NW with start in the north.

Söndag 24 - 0:00

2022-07-24T12:00

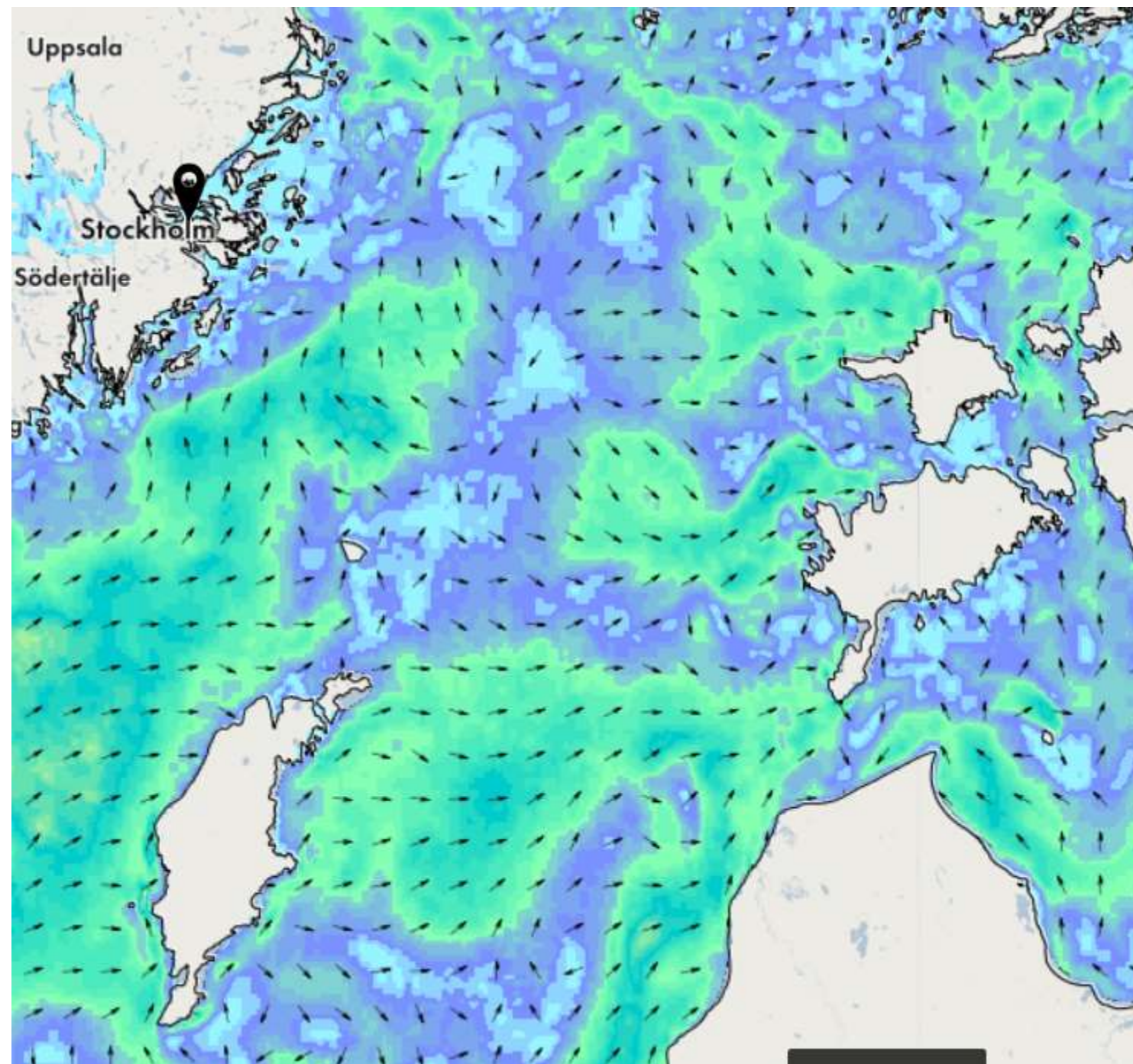


- **SUNDAY (24/7)**
Northerly -NW winds. Weak with rain around
Gotland,
showers elsewhere.
Further north, N 15-20 Kt.

Currents

- Weak but not insignificant
- Local and also local relief
- Mainly wind driven

Source: SMHI.SE



Sea breezes and local calms / attenuations

- Look for clouds
- Fair weather and favourable direction
- Warm land and cold water
- Will show in very high resolution grib files
- Attenuation close to Gotland nighttime

