



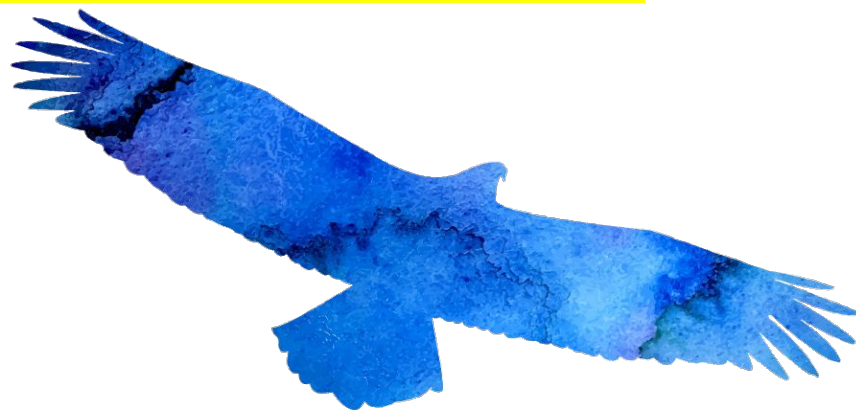
INTERNATIONAL GLIDING COMPETITION

PRIBINA CUP 2019

APRIL 19–27, 2019 NITRA, SLOVAKIA

Day 4 – weather briefing

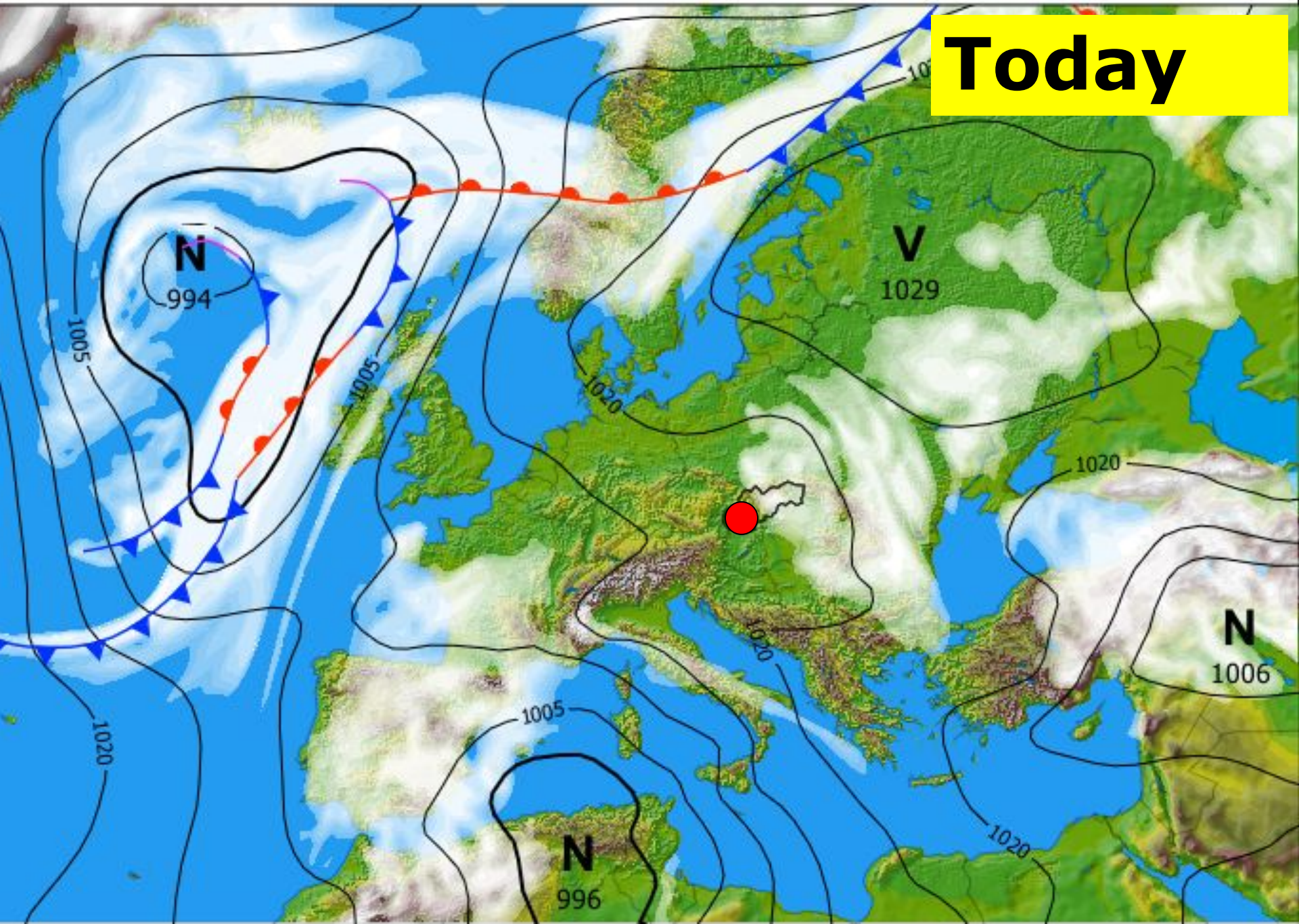
Sun 22.04.2019



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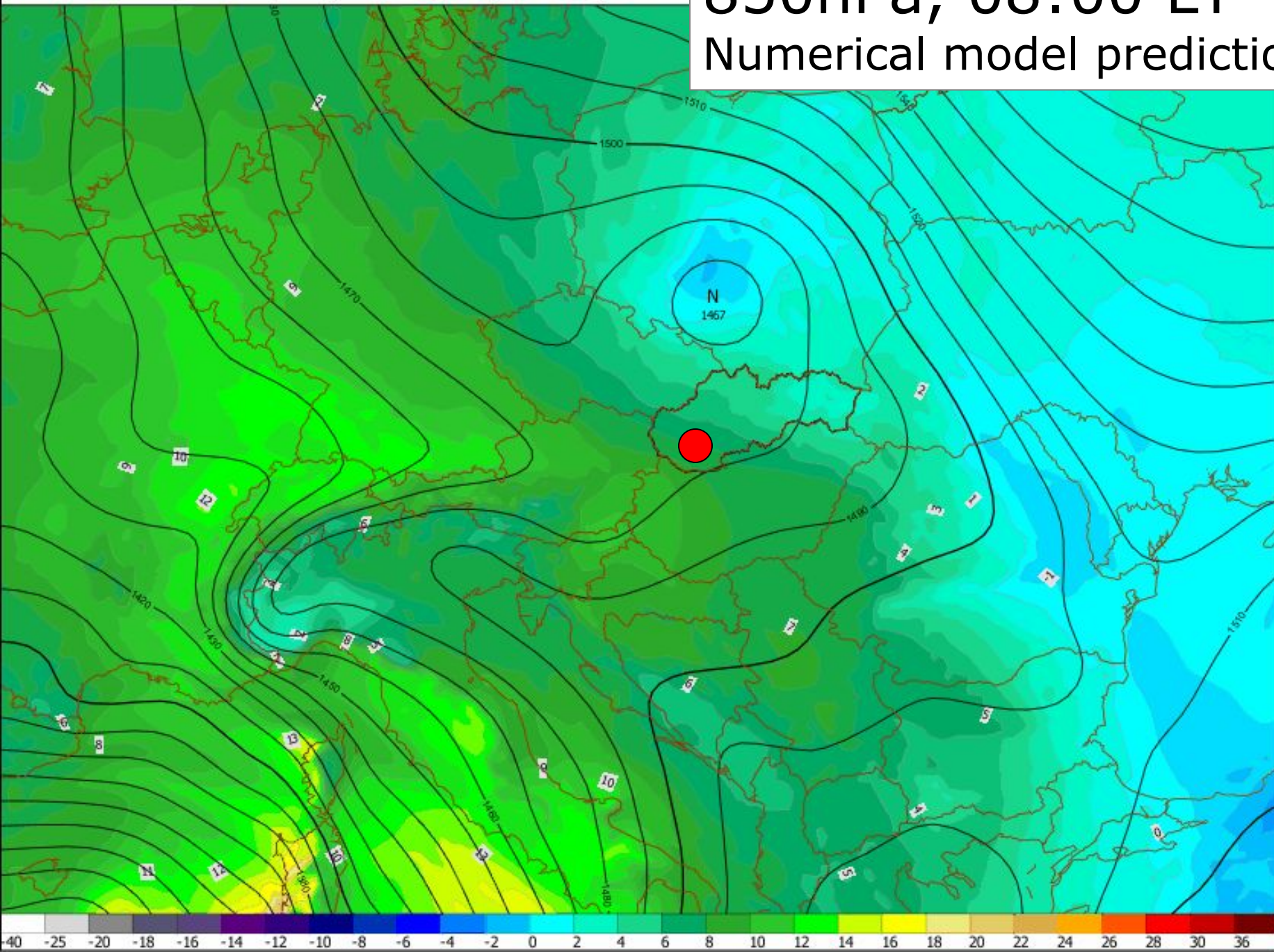
(c) SHMÚ - Prízemné tlakové pole - pondelok 22.04.2019 00:00 UTC

Today



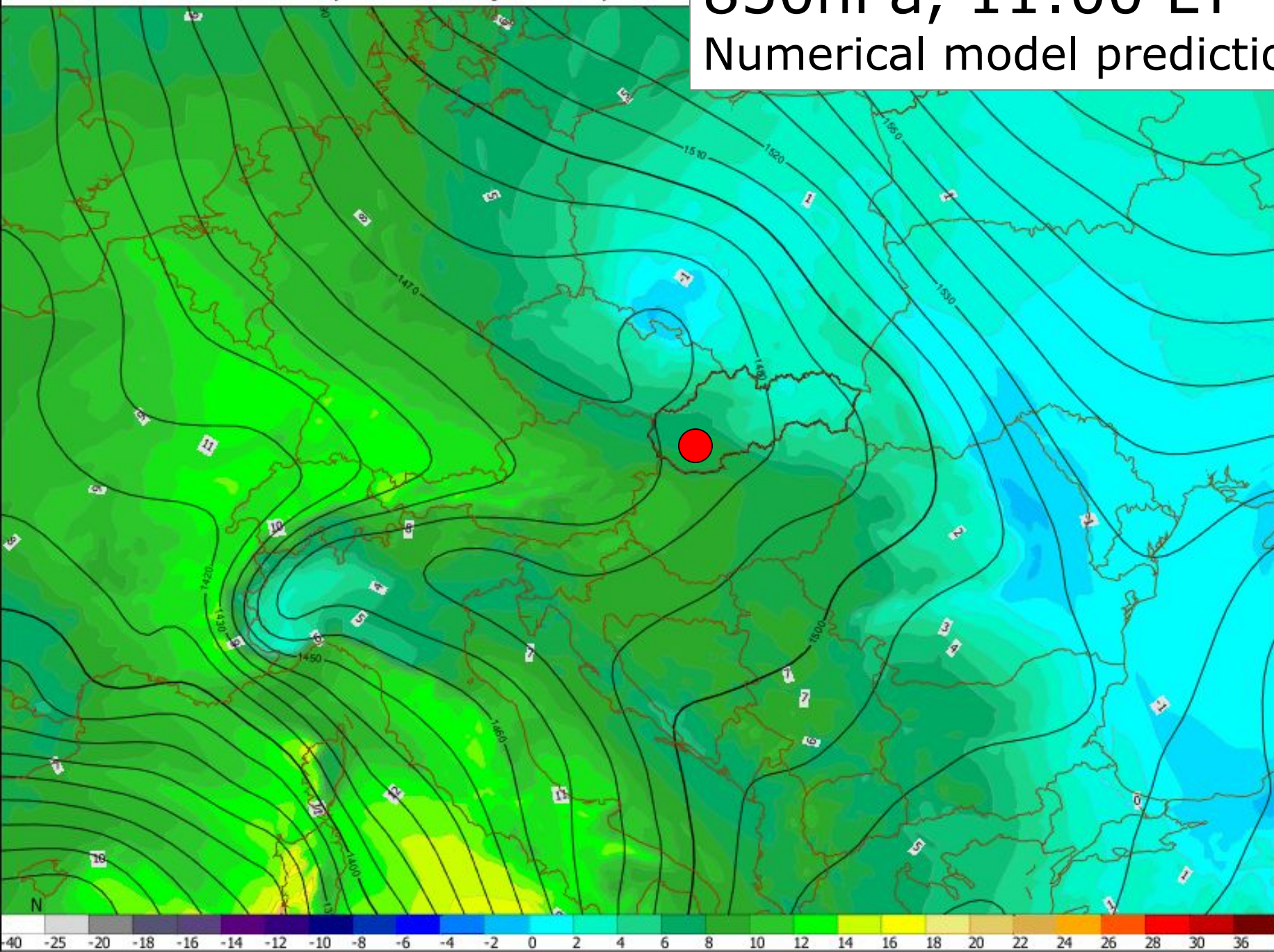
850hPa, 08:00 LT

Numerical model prediction



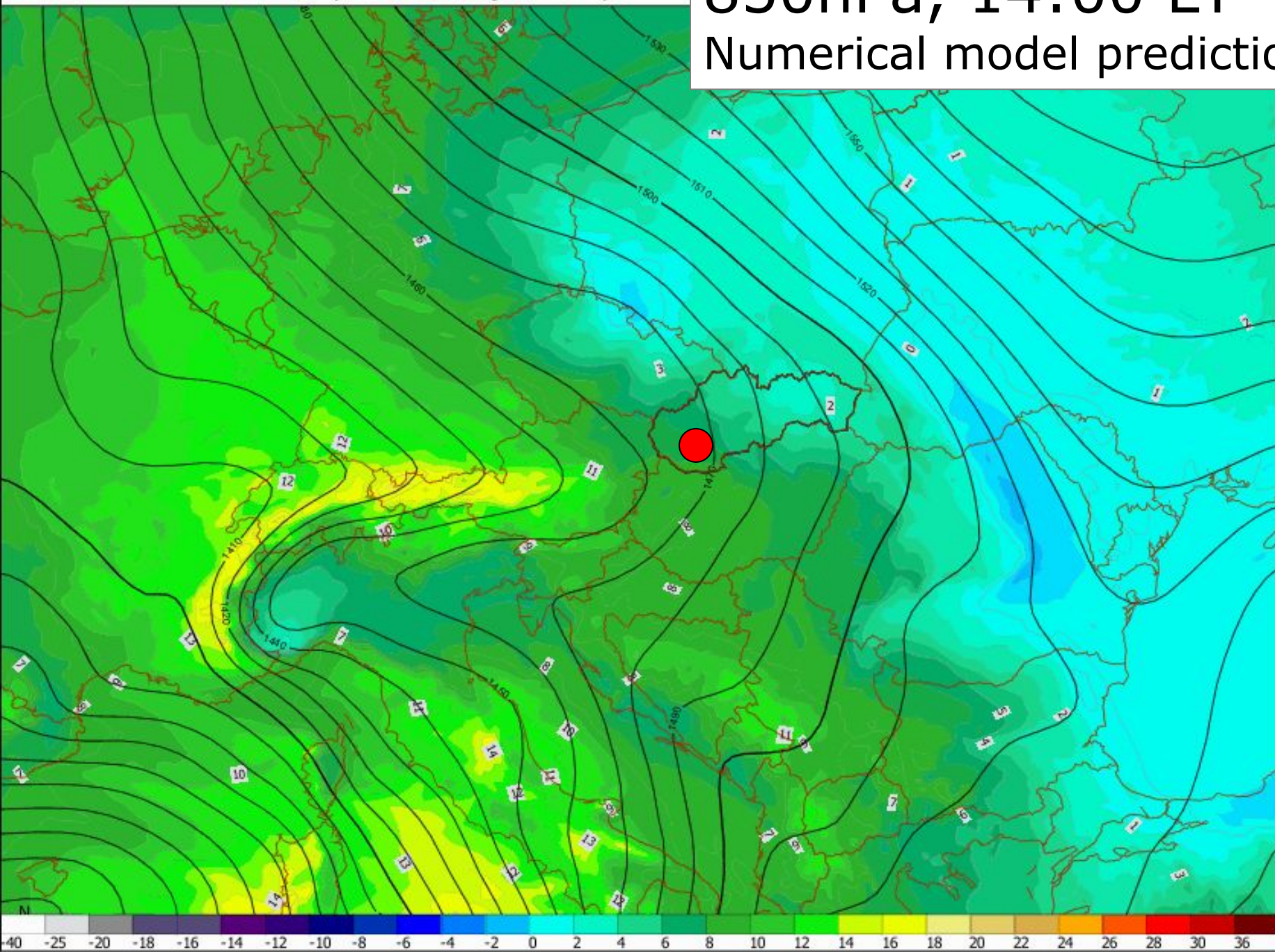
850hPa, 11:00 LT

Numerical model prediction



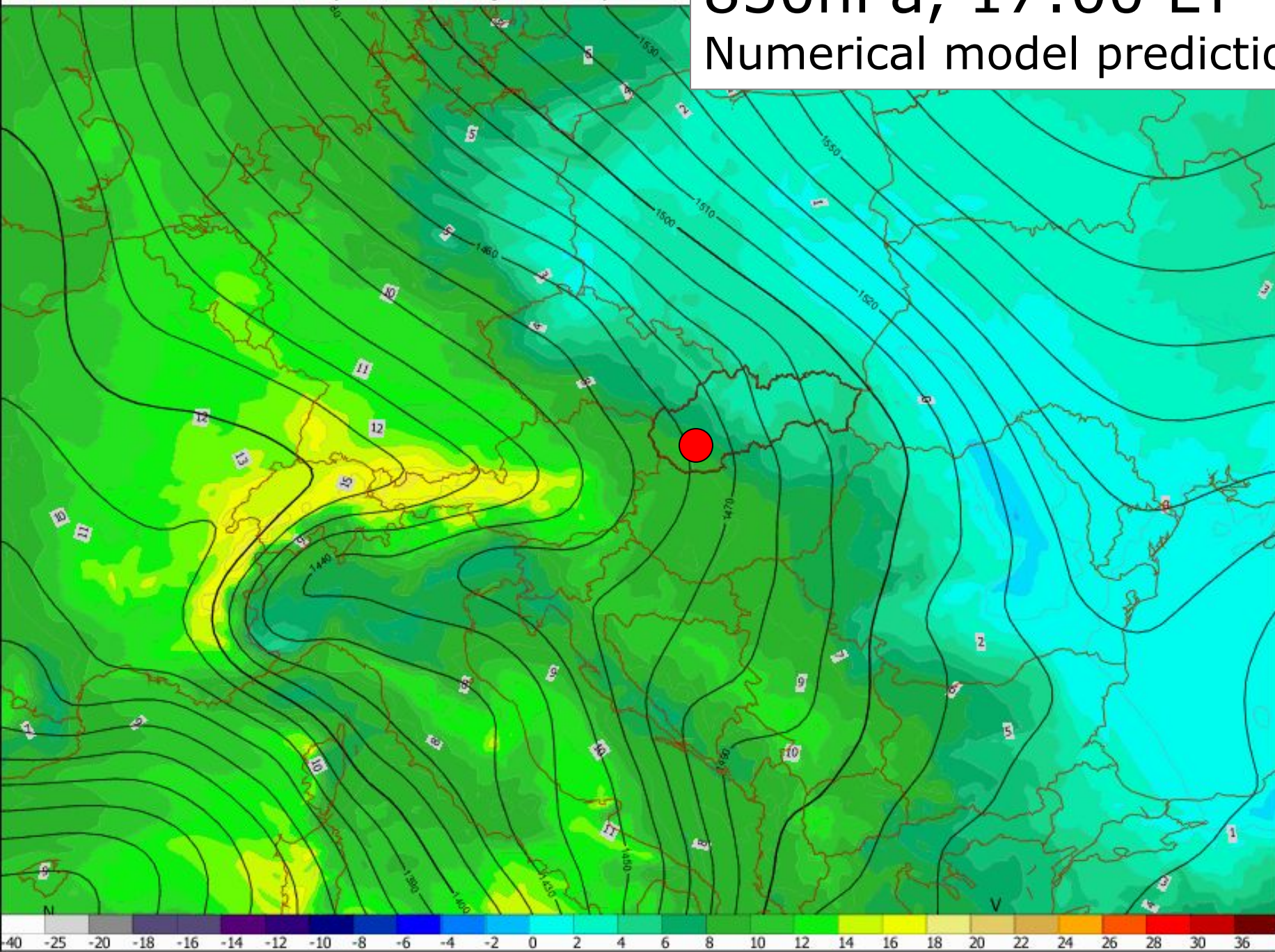
850hPa, 14:00 LT

Numerical model prediction

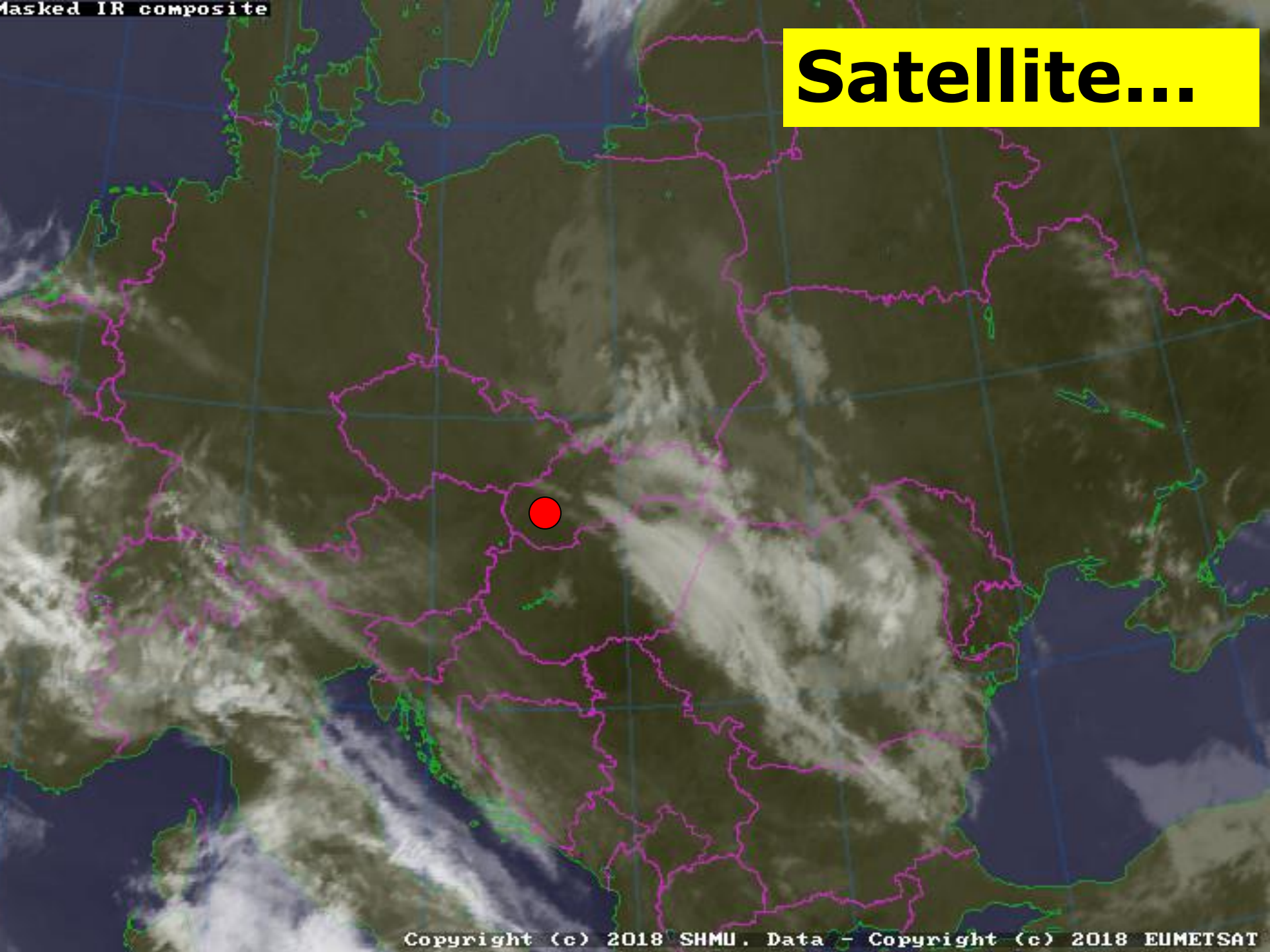


850hPa, 17:00 LT

Numerical model prediction



Satellite...



Budapest, 00:00 UTC

- aerological sounding

inversion @4700m

5500m

4200m

3000m

1500m

100m

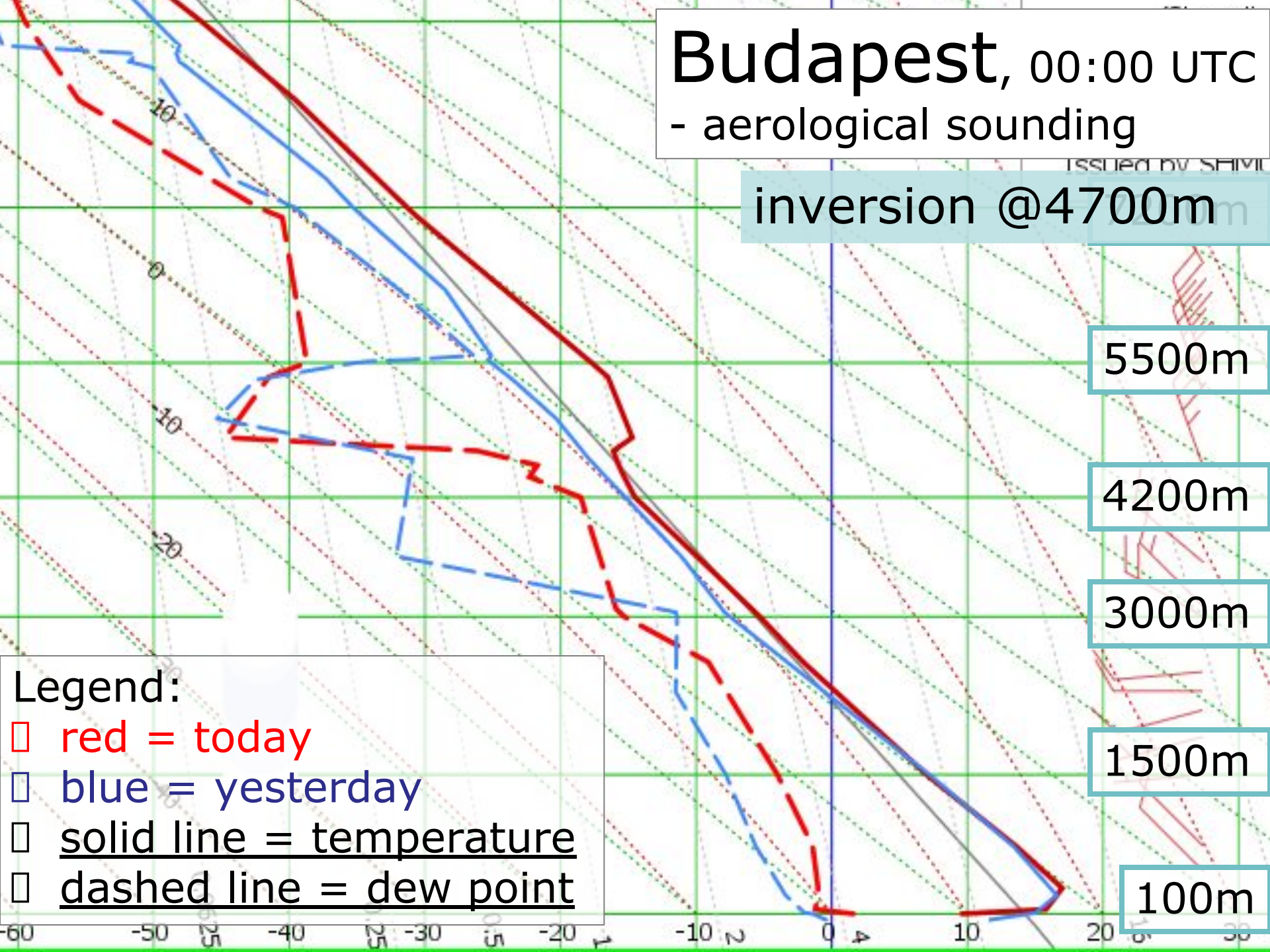
Legend:

red = today

blue = yesterday

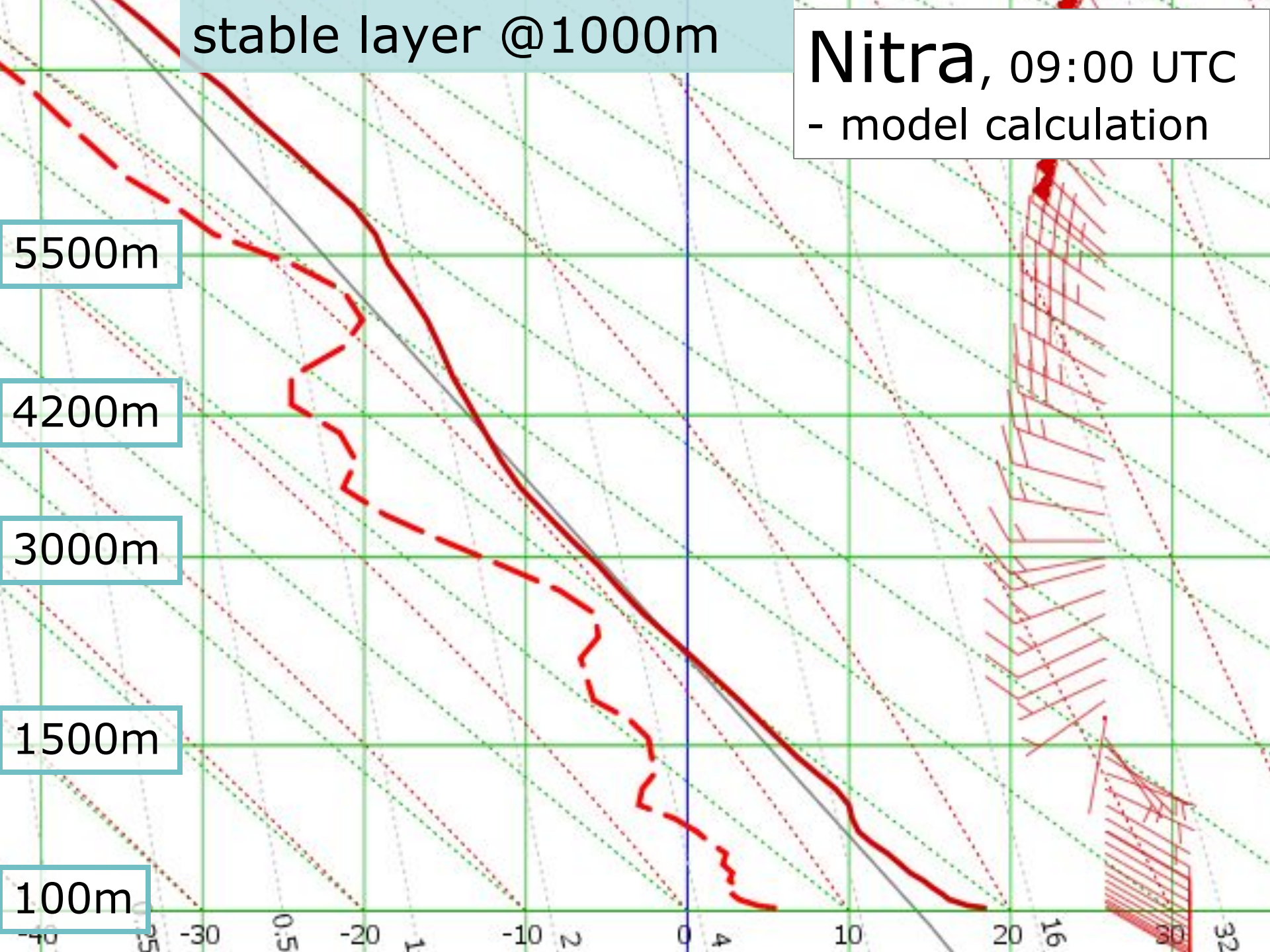
solid line = temperature

dashed line = dew point



stable layer @1000m

Nitra, 09:00 UTC
- model calculation



Tmax = 21°C
Tc = 19,5°C
climbs ~ 2 m/s
Cu @ 2200-2400m

Nitra, 12:00 UTC
- model calculation

5500m

4200m

3000m

1500m

100m

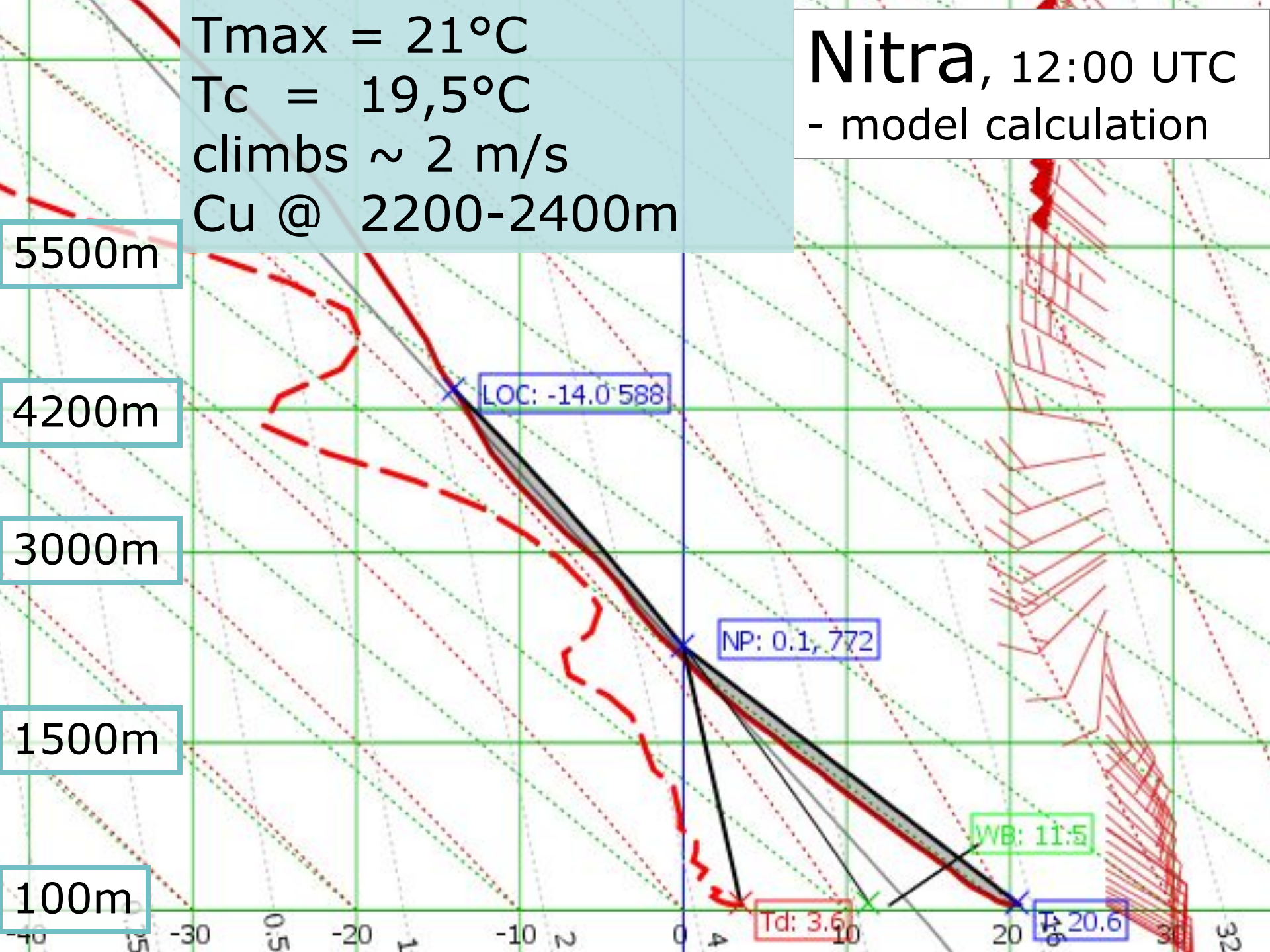
LOC: -14.0 588

NP: 0.1, 772

WB: 11:5

Td: 3.6

T: 20.6



Warm advection
=stabilizing airmas
=weaker climbs
Thermals ends 16:00LT

Nitra, 15:00 UTC
- model calculation

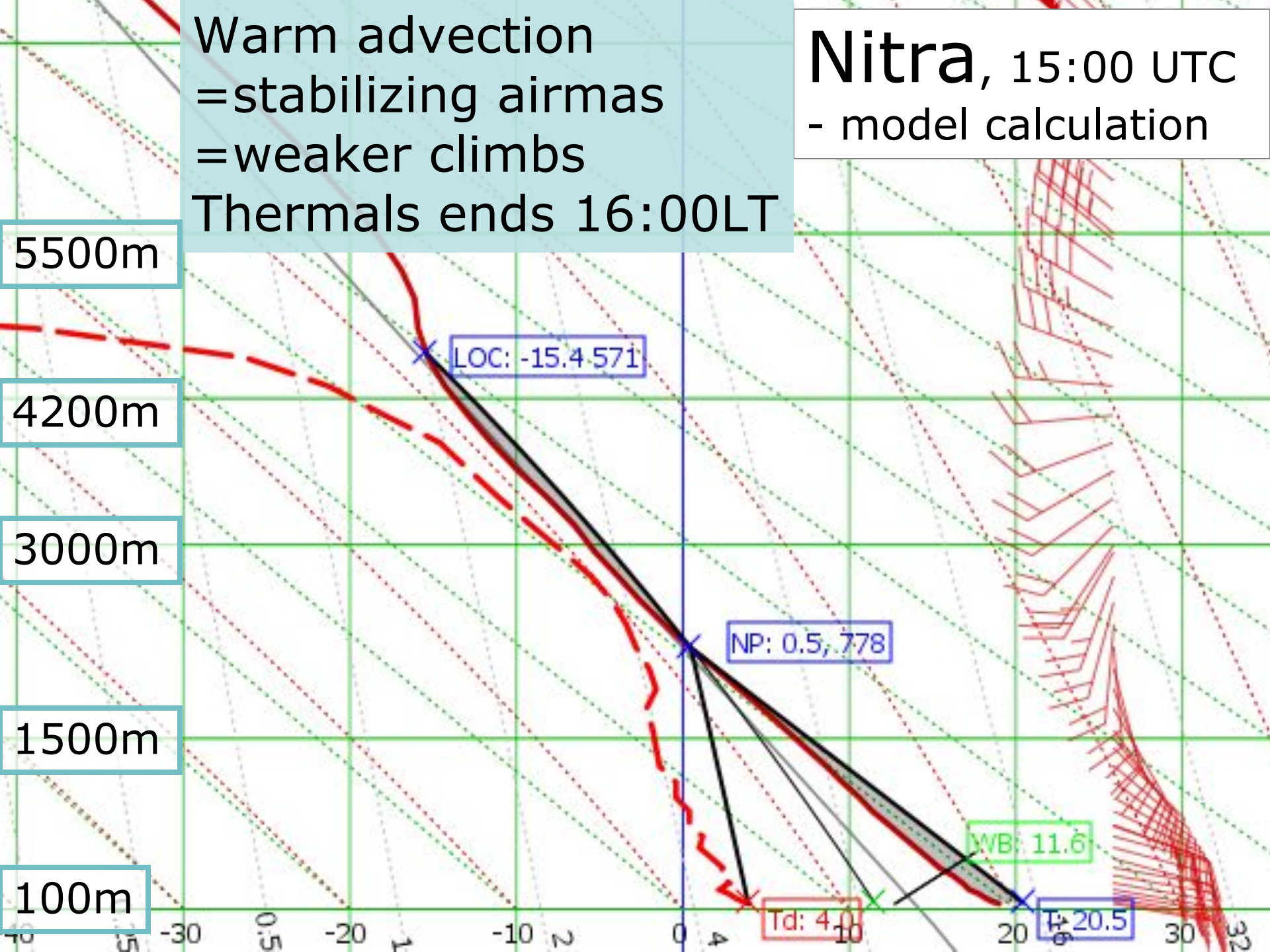
5500m

4200m

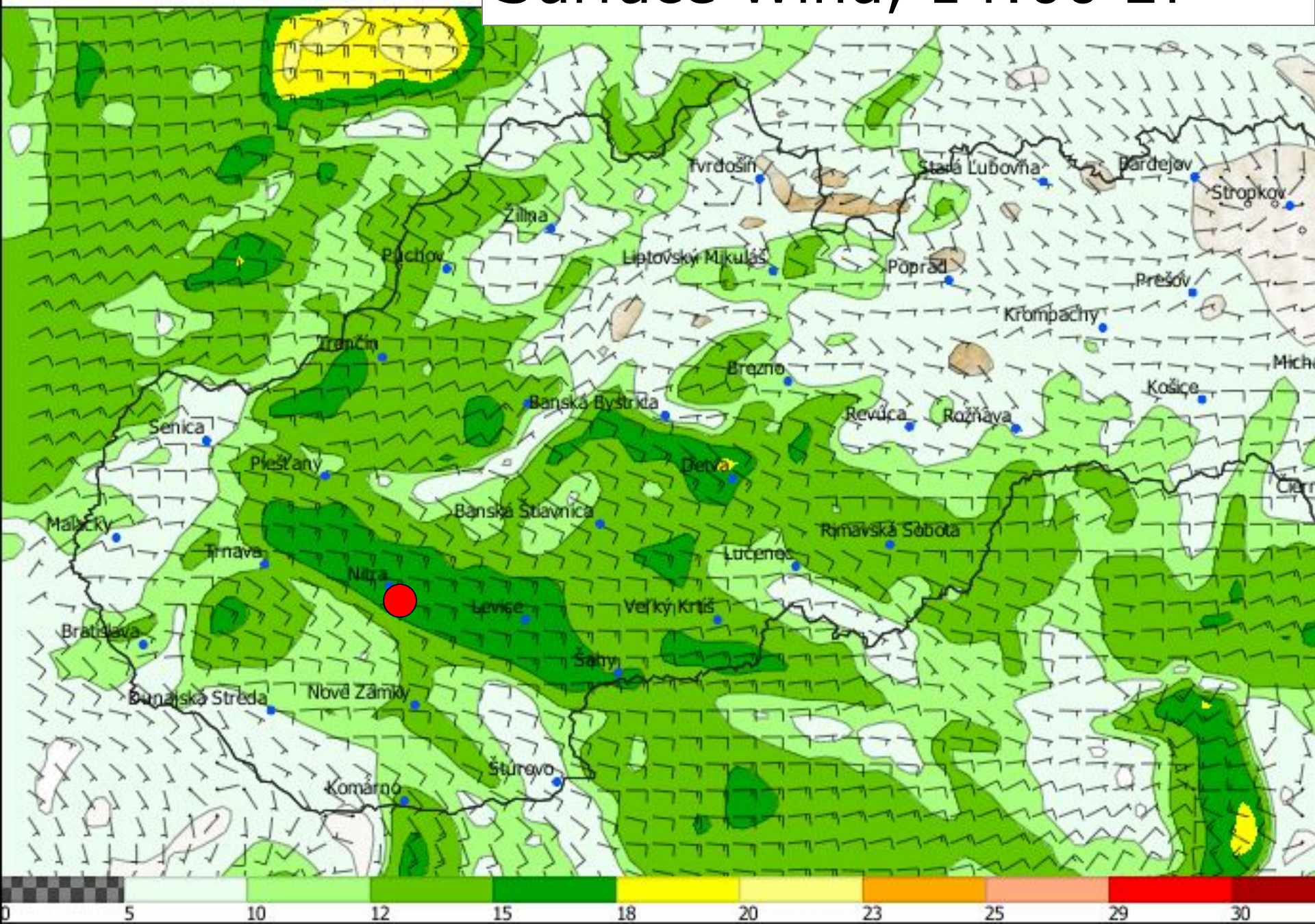
3000m

1500m

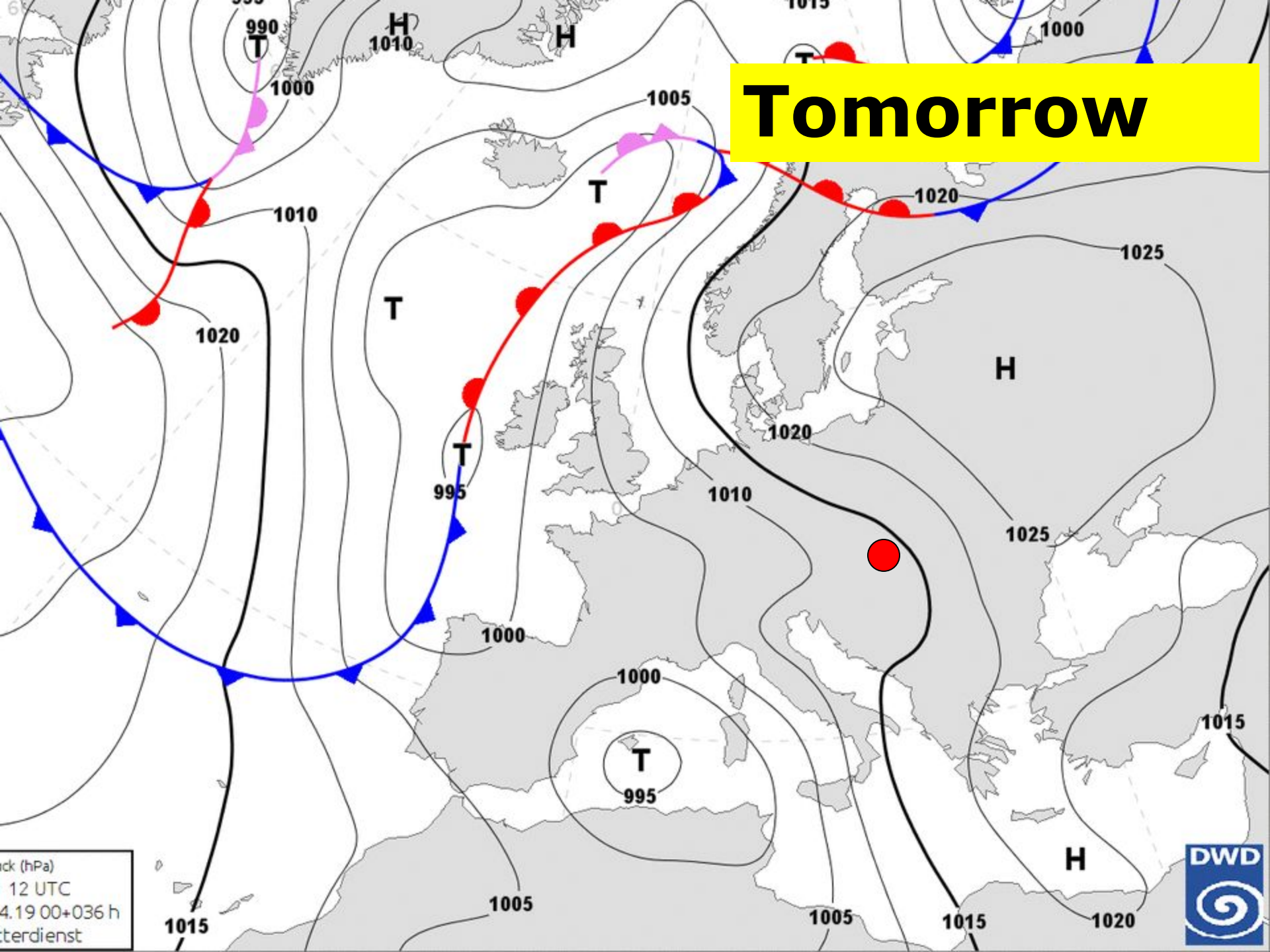
100m



Surface Wind, 14:00 LT



Tomorrow



ck (hPa)
12 UTC
4.19 00+036 h
sterdienst

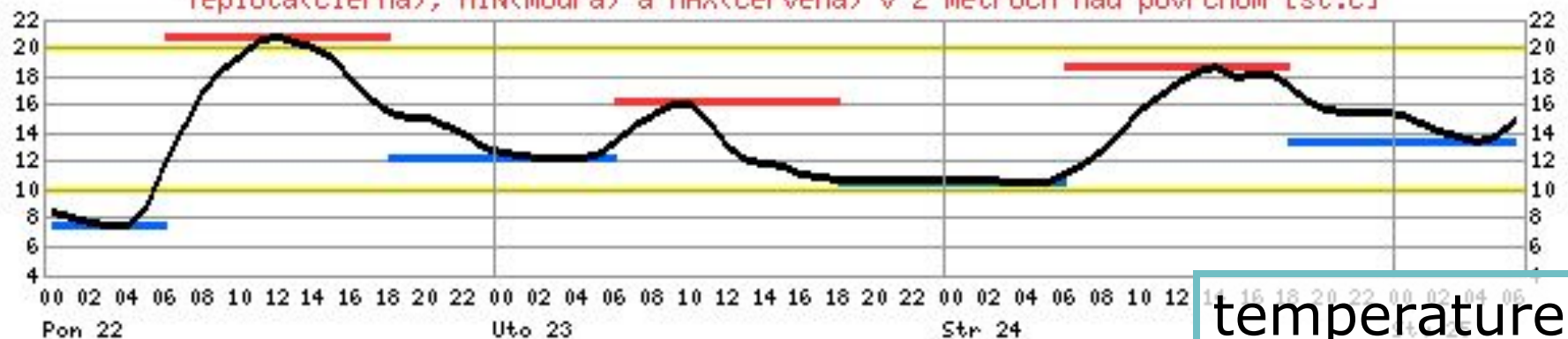




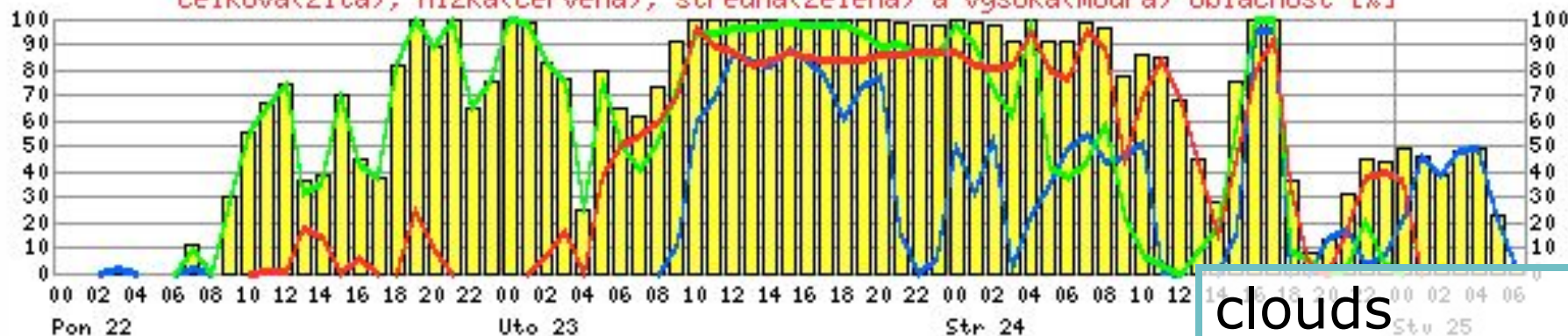
Nitra (meteo stanica) - METEOGRAM (ALADIN: 22/04/2019 00 UTC + 78 H)

lat: 48.280 lon: 18.130 model_alt: 141m real_alt: 134m

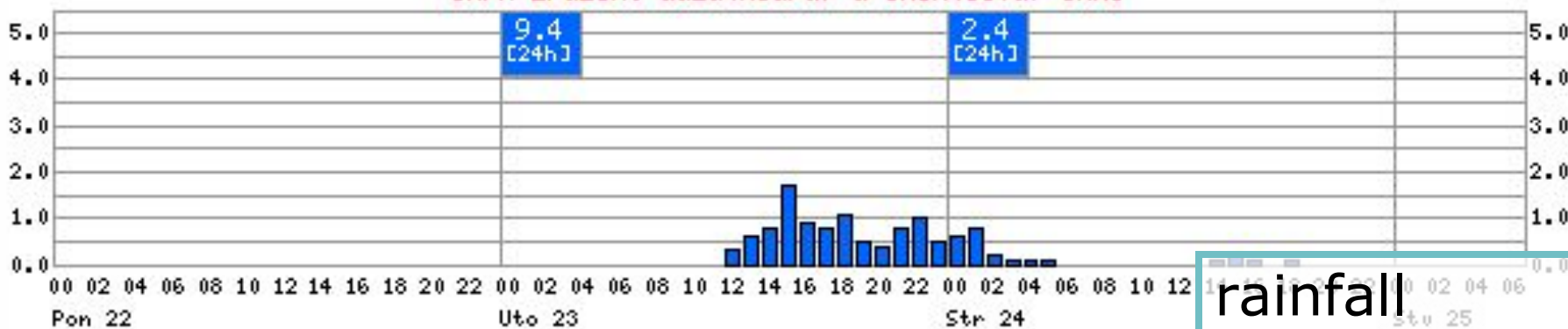
Teplota(cierna), MIN(modra) a MAX(cervena) v 2 metroch nad povrchom [st.C]



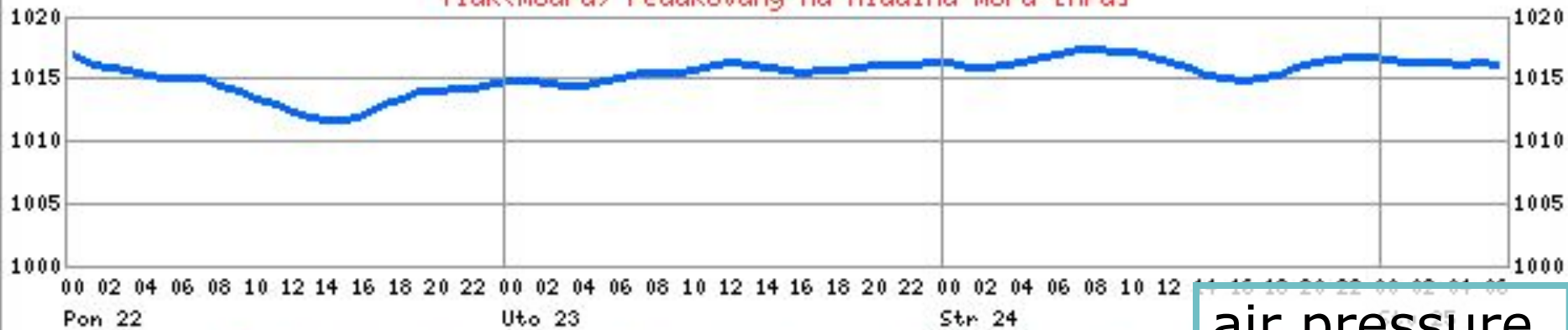
Celkova(zlta), niza(cervena), stredna(zelena) a vysoka(modra) oblacnost [%]



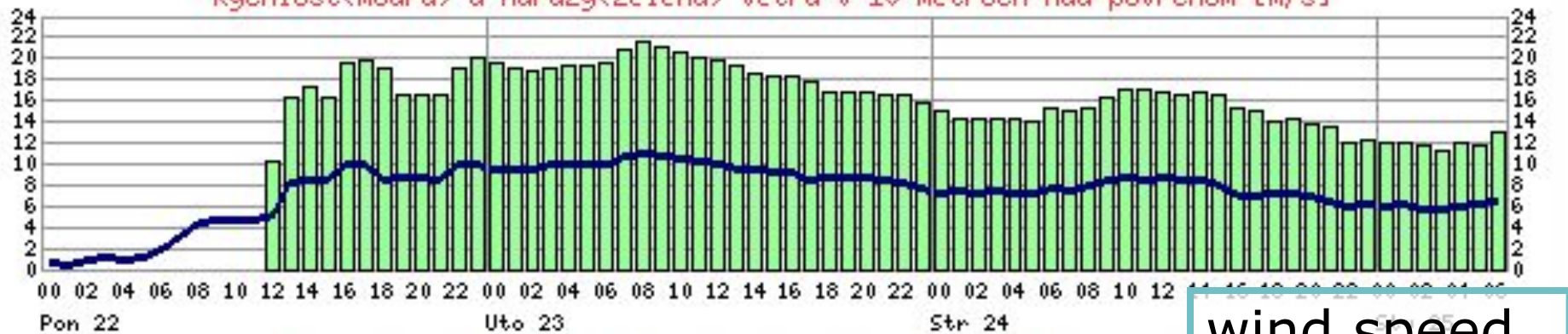
Uhrn zrazok: dazd(modra) a sneh(siva) [mm]



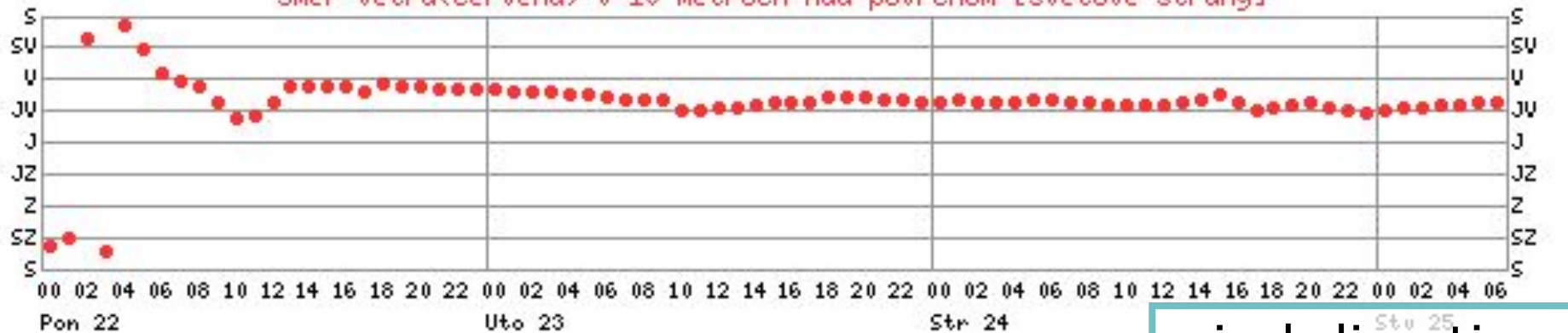
Tlak(modra) redukovaný na hladinu mora [hPa]



Rychlost(modra) a narazy(zelena) vetra v 10 metroch nad povrchnom [m/s]



Smer vetra(cervena) v 10 metroch nad povrchnom [svetove strany]





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**Thank You and whish You
nice flight!**



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