



*Norwegian
Meteorological Institute
met.no*

WMS tiling performance

trond.michelsen@met.no



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YR.no

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Front page > Norway > Sør-Trøndelag > Trondheim > Trondheim

Weather forecast for Trondheim (Sør-Trøndelag)

Updated at 22:25. Next update around 7:00.

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f t e + 72

PDF Forecast as PDF

Overview

Hour by hour

Long term

Weather radar

Statistics

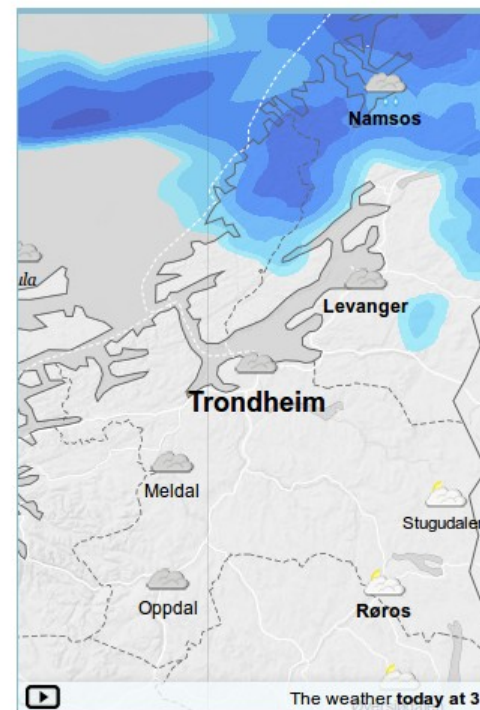
To the main menu at the page bottom

Today, Tuesday 05/03/2013

Time	Forecast	Temp.	Precipitation	Wind
03:00–06:00		2°	0 – 0.1 mm	Gentle breeze, 4 m/s from southwest
06:00–12:00		2°	0.4 – 2.2 mm	Gentle breeze, 4 m/s from south-southwest
12:00–18:00		3°	0.6 – 3.1 mm	Light breeze, 3 m/s from south-southwest
18:00–00:00		3°	0.3 – 3.0 mm	Gentle breeze, 4 m/s from southwest

Tomorrow, Wednesday 06/03/2013

Time	Forecast	Temp.	Precipitation	Wind
00:00–06:00		2°	0.5 – 2.9 mm	Gentle breeze, 6 m/s from west-southwest
06:00–12:00		0°	0.2 – 2.9 mm	Gentle breeze, 5 m/s from west-southwest
12:00–18:00		0°	0.1 – 1.6 mm	Gentle breeze, 4 m/s from north-northeast
18:00–00:00		-1°	1.3 – 5.5 mm	Moderate breeze, 6 m/s from west-northwest





N.-Europe World +

▸ Nedbør og skyer -

▼ **Værradar**

(No echo)
> 20.0
15.0 – 20.0
10.0 – 15.0
6.0 – 10.0
4.0 – 6.0
2.0 – 4.0
1.0 – 2.0
0.5 – 1.0
0.2 – 0.5
0.1 – 0.2
0.05 – 0.1
0.03 – 0.05

Kartet viser de norske nedbørsradarene. Feltene viser hvor det er nedbør.

▸ Temperatur

▸ Vind

▸ Trykk

▸ UV-varsel

▸ Havtemperatur

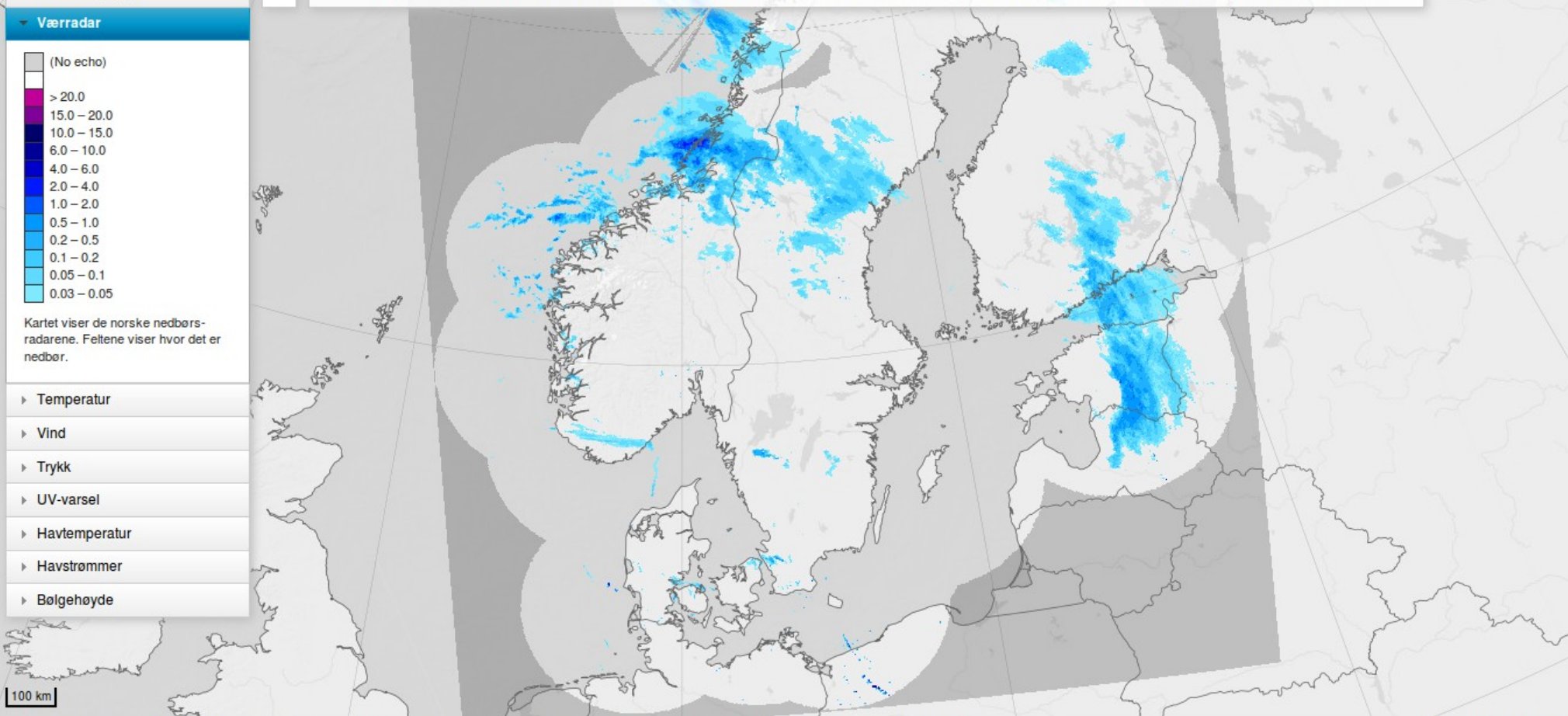
▸ Havstrømmer

▸ Bølgehøyde

Monday Tuesday Time Zone

Norway UTC+01:00

14 14 15 15 16 16 16 17 17 17 18 18 18 19 19 19 20 20 20 21 21 21 22 22 22 23 23 23 00 00 00 01 01 01 02 02





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N.-Europe World

► Nedbør og skyer

► Værradar

▼ Temperatur

>100	-1 - 0
50 - 100	-3 - -1
35 - 50	-5 - -3
30 - 35	-10 - -5
25 - 30	-15 - -10
20 - 25	-20 - -15
15 - 20	-25 - -20
10 - 15	-30 - -25
5 - 10	-35 - -30
3 - 5	-50 - -35
1 - 3	-100 - -50
0 - 1	

Temperatur i celcius (°C)

► Vind

► Trykk

► UV-varsel

► Havtemperatur

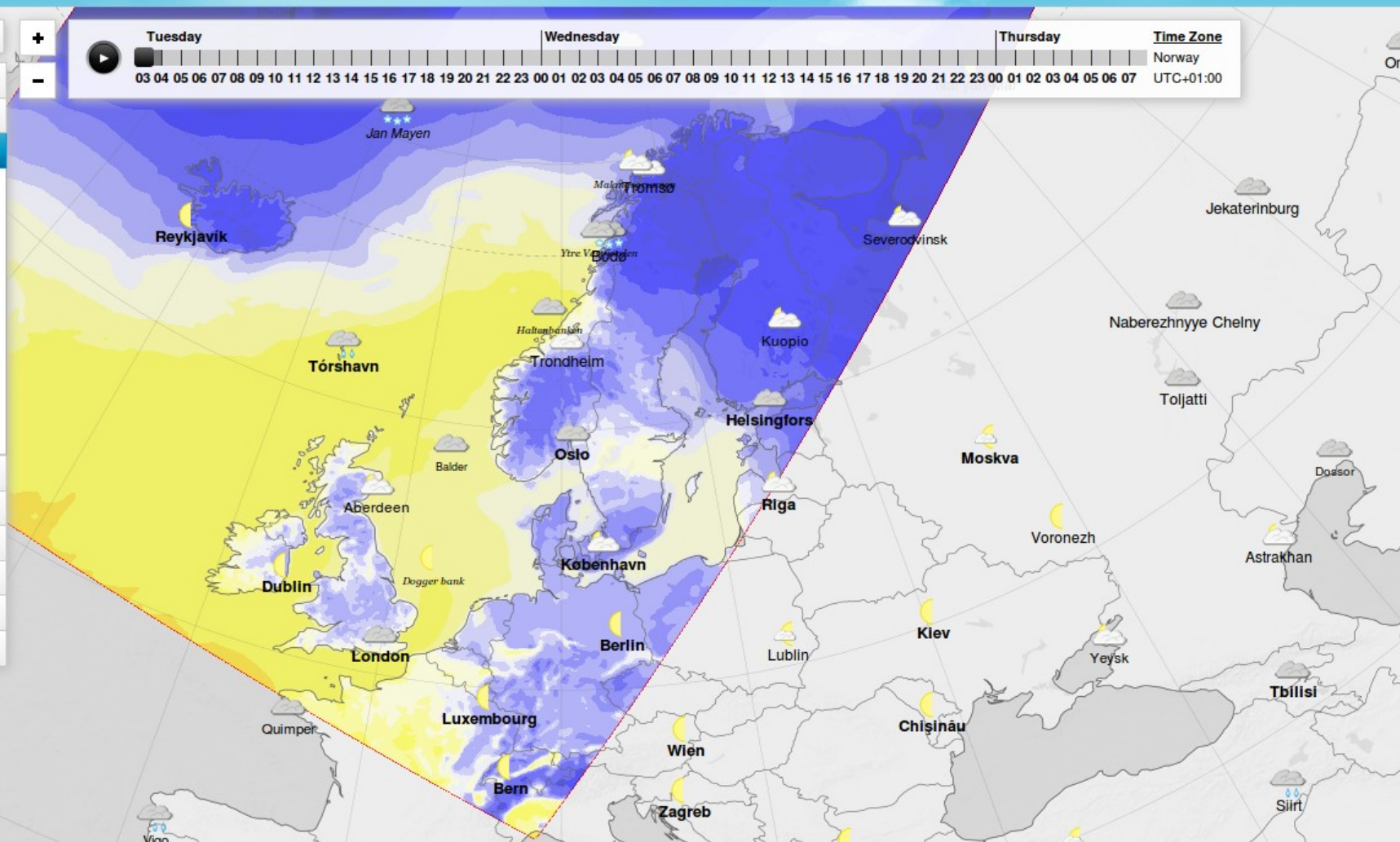
► Havstrømmer

► Bølgehøyde

Tuesday | Wednesday | Thursday

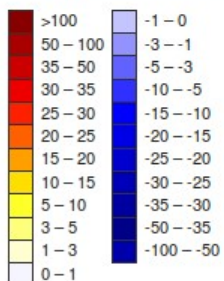
Time Zone: Norway, UTC+01:00

03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07



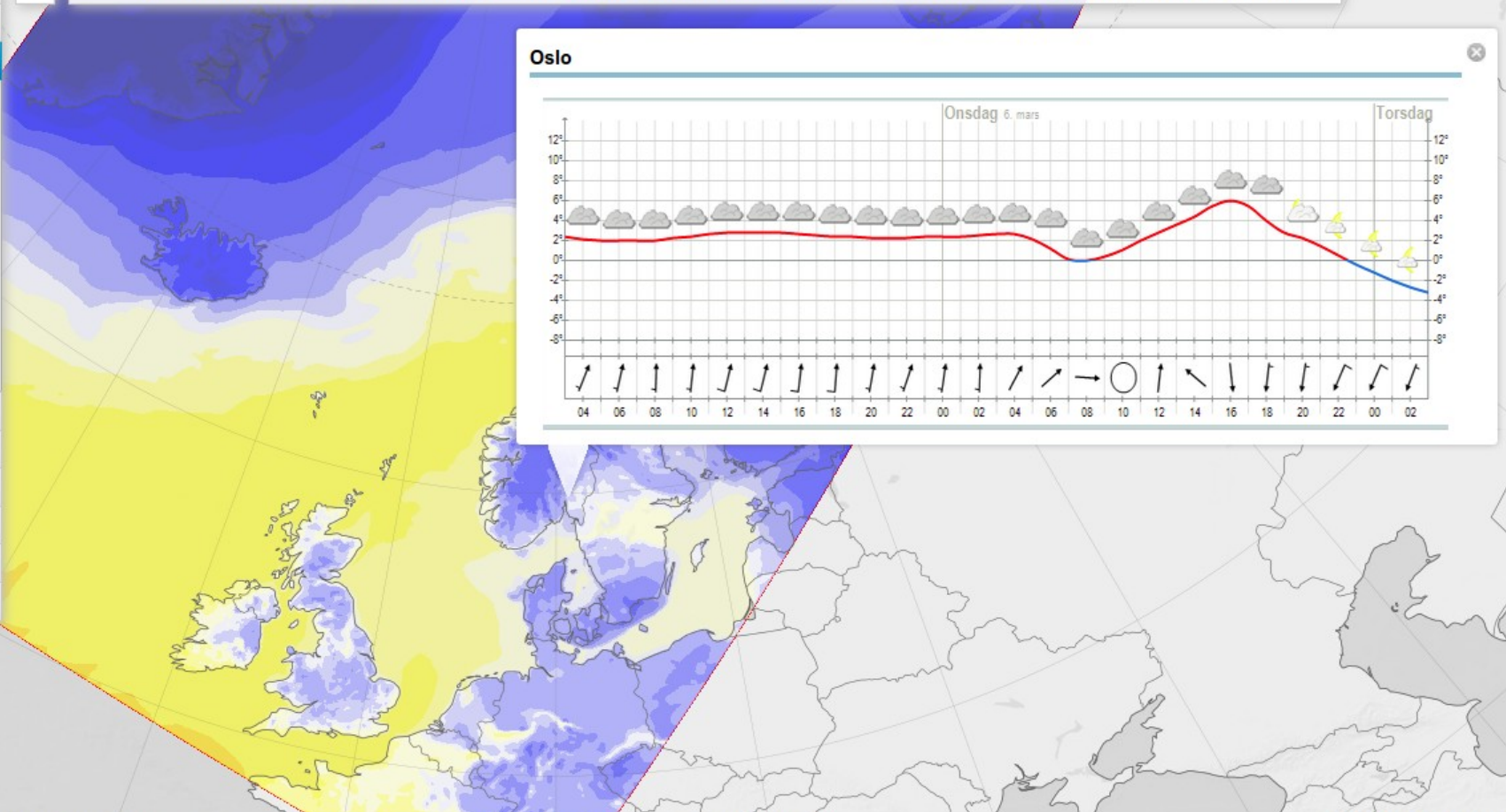


- N.-Europe
- World
- Nedbør og skyer
- Værradar
- Temperatur
- Vind
- Trykk
- UV-varsel
- Havtemperatur
- Havstrømmer
- Bølgehode



Temperatur i celsius (°C)

Timeline for Tuesday, Wednesday, and Thursday. Includes a play button and a time zone selector set to Norway (UTC+01:00).



200 km



N.-Europe World

+

▶ Nedbør og skyer

▶ Værradar

▼ Temperatur

>100	-1 - 0
50 - 100	-3 - -1
35 - 50	-5 - -3
30 - 35	-10 - -5
25 - 30	-15 - -10
20 - 25	-20 - -15
15 - 20	-25 - -20
10 - 15	-30 - -25
5 - 10	-35 - -30
3 - 5	-50 - -35
1 - 3	-100 - -50
0 - 1	

Temperatur i celcius (°C)

▶ Vind

▶ Trykk

▶ UV-varsel

▶ Havtemperatur

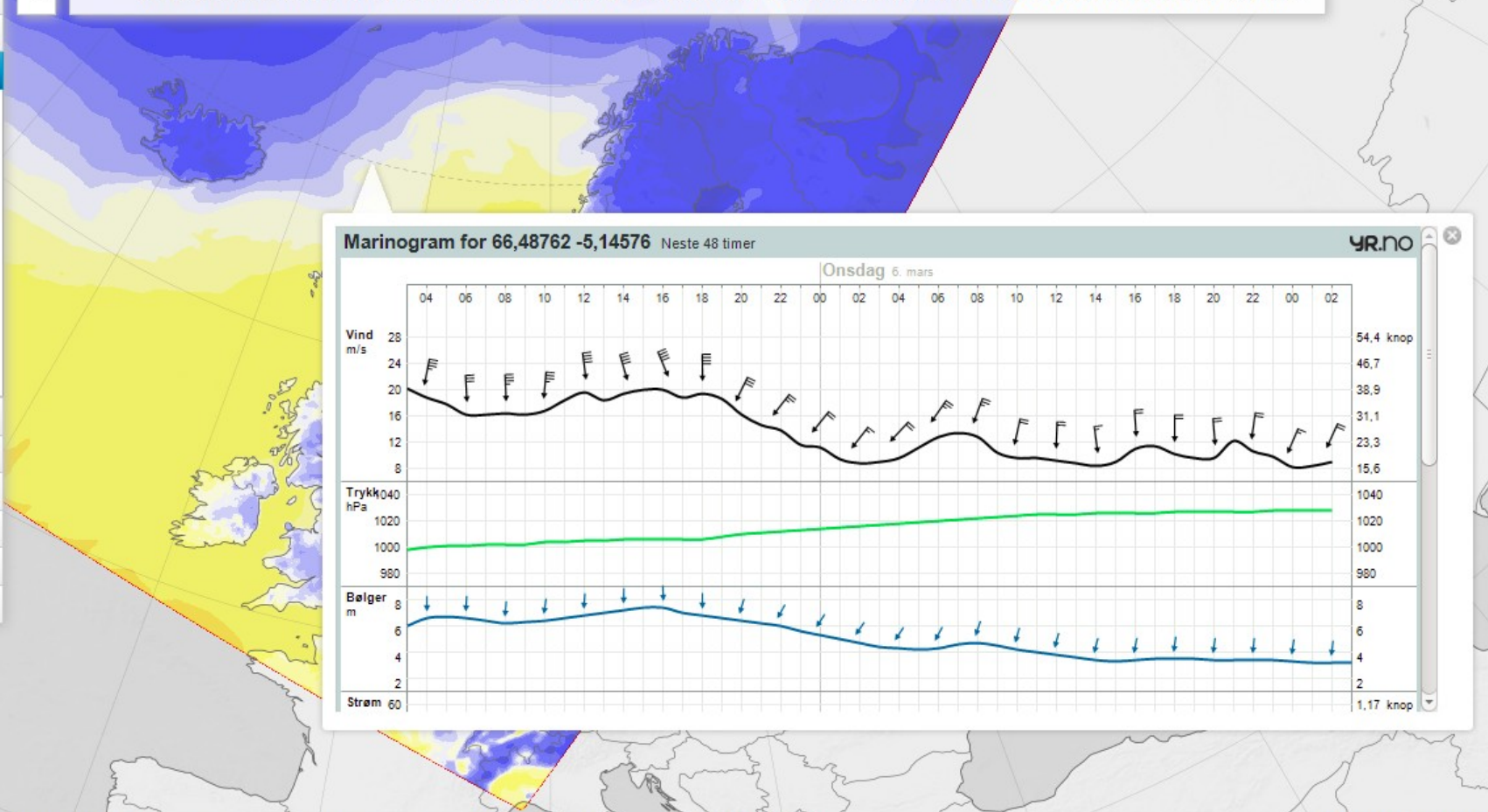
▶ Havstrømmer

▶ Bølgehøyde

Tuesday | Wednesday | Thursday

Time Zone: Norway UTC+01:00

03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07



200 km

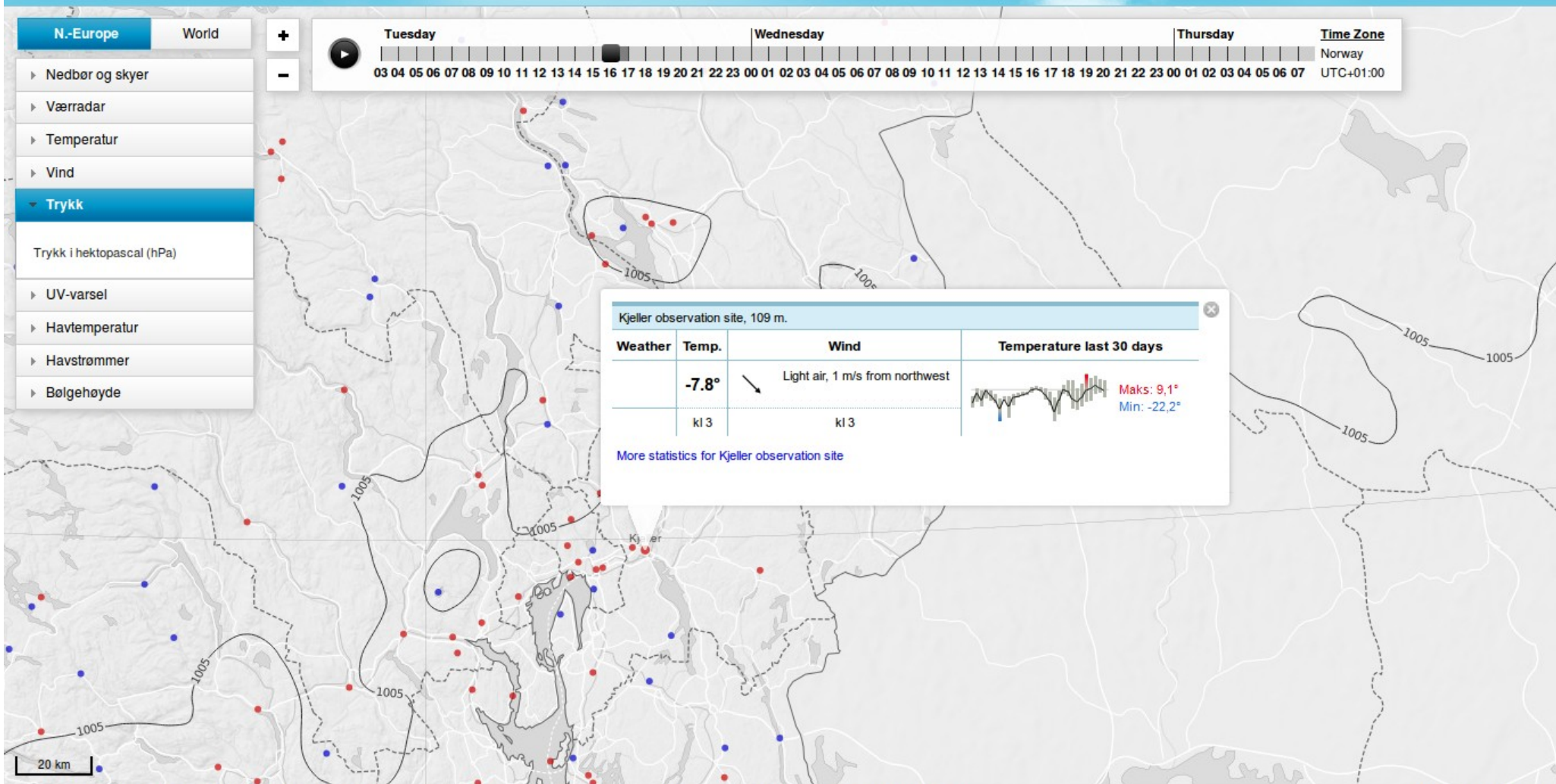


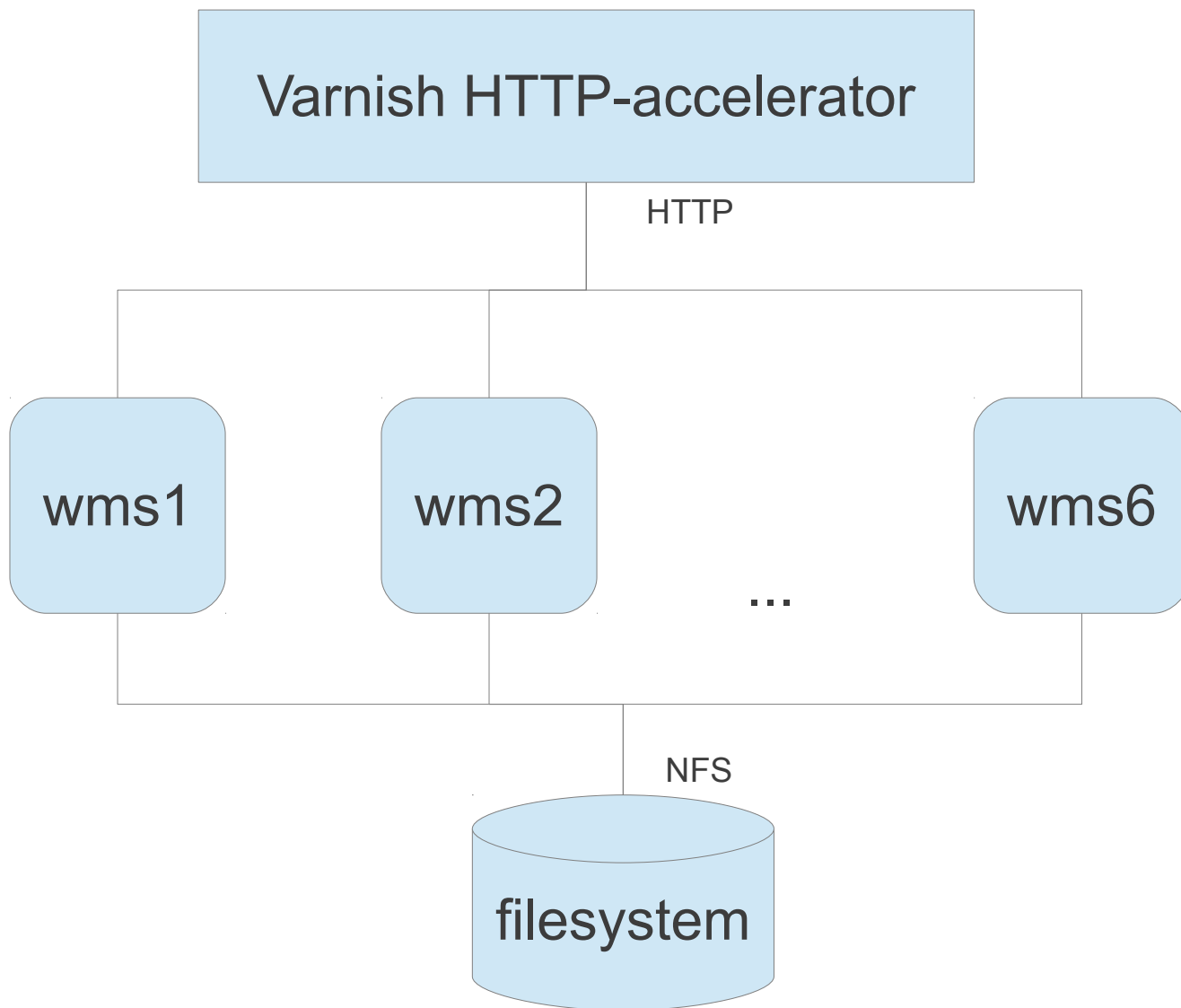
- N.-Europe
- World
- Nedbør og skyer
- Værradar
- Temperatur
- Vind
- Trykk**
- Trykk i hektopascal (hPa)
- UV-varsel
- Havtemperatur
- Havstrømmer
- Bølgehoide

Tuesday | Wednesday | Thursday | Time Zone

Norway UTC+01:00

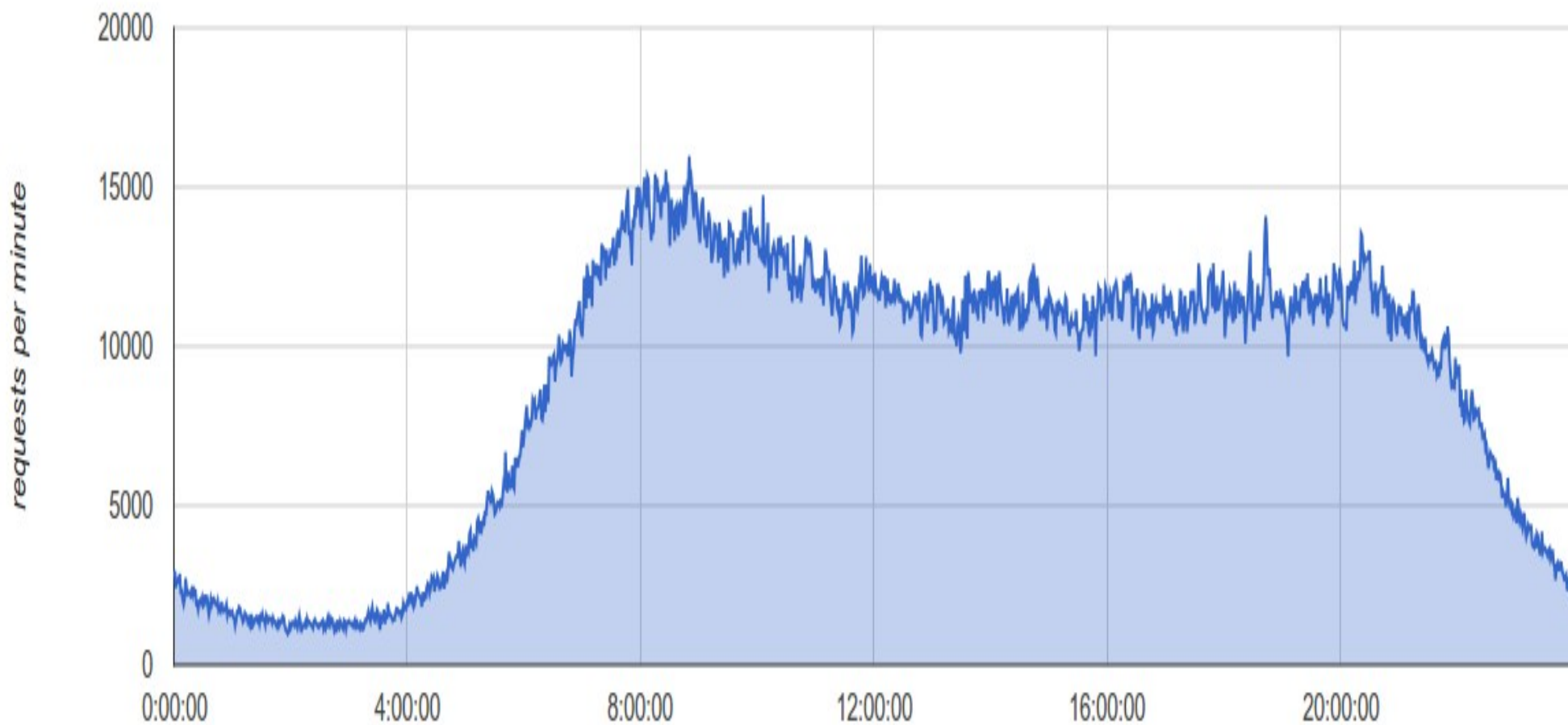
03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07







GetMap requests per minute





Serving tiles with WMTS

- Added support for dimensions to MapProxy WMTS server
- Initial tests promising
- Will use in production “soon”

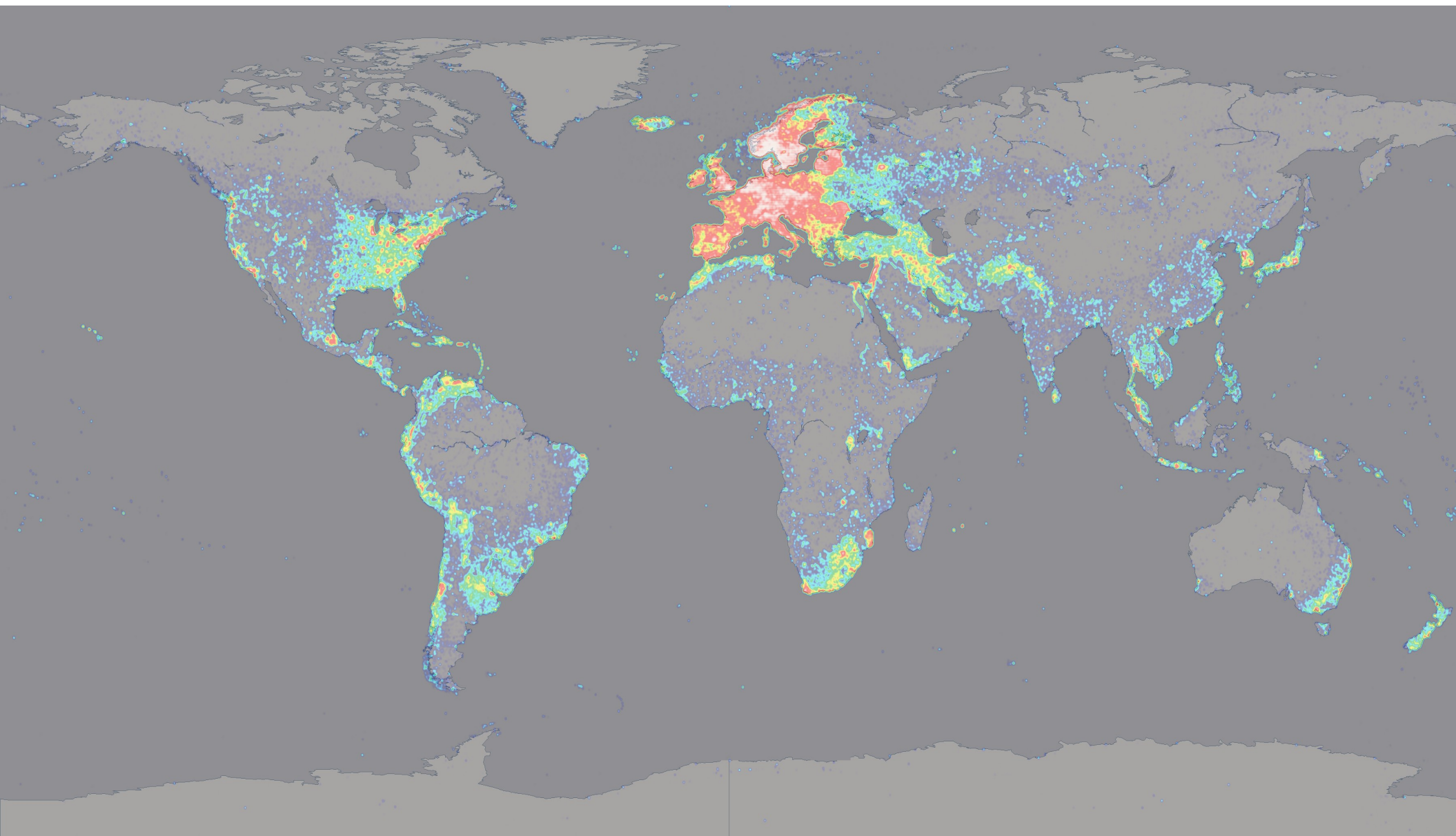


Api.met.no traffic

- 28 million requests in one day
 - 23 million from yr.no
 - 5 million from “others”
- 263,000 unique locations (rounded to 1 decimal)

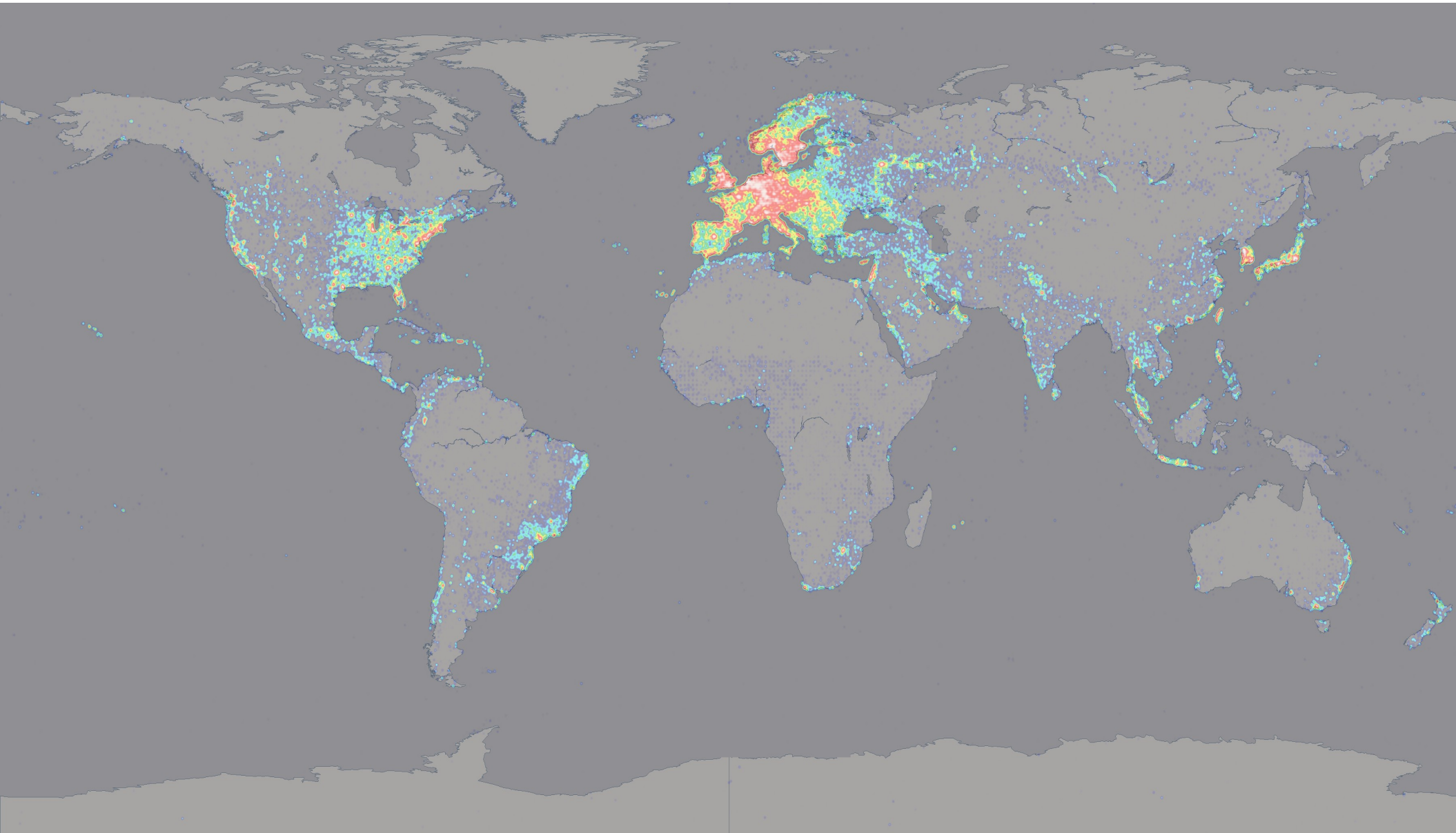


Api.met.no traffic from yr.no





Api.met.no traffic from others





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Thank You

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