



ILMATIETEEN LAITOS
METEOROLOGISKA INSTITUTET
FINNISH METEOROLOGICAL INSTITUTE

Kemin ilmanlaadun mittaukset

**-tulokset ajalta tammikuu-
maaliskuu2026**

26.3.2026

Mika Vestenius



- Yleistä
- Mittausdatan esittelyä
- Säädata, tuuli/saasteruusut



Kuva: kopioitu verkkosivulta www.ssab.fi

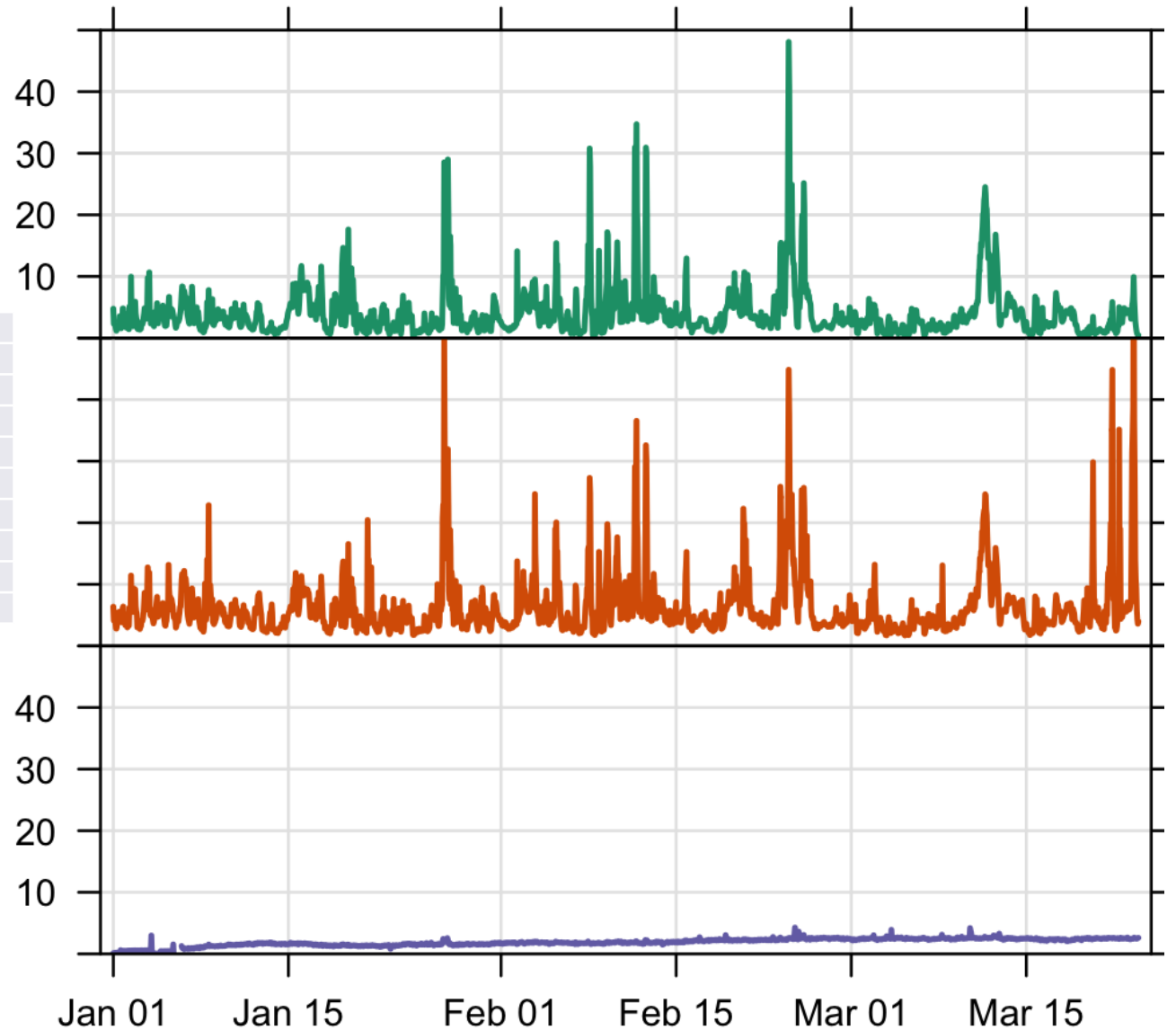
Yleistä

- Mitataan PM10, PM2,5, TRS
- Mittaukset alkoivat vuoden alussa (6.1.26)
- Kalibroinnit 3 kk:n välein
- Kalibroinnit 6.1 ja 25.3
- Data validoidaan kalibrointi-arvojen perusteella
- Tässä esitetyt tulokset on ns. validoimatonta raakadataa

i – PM ja TRS pitoisuudet (tammi–maaliskuu 2026)

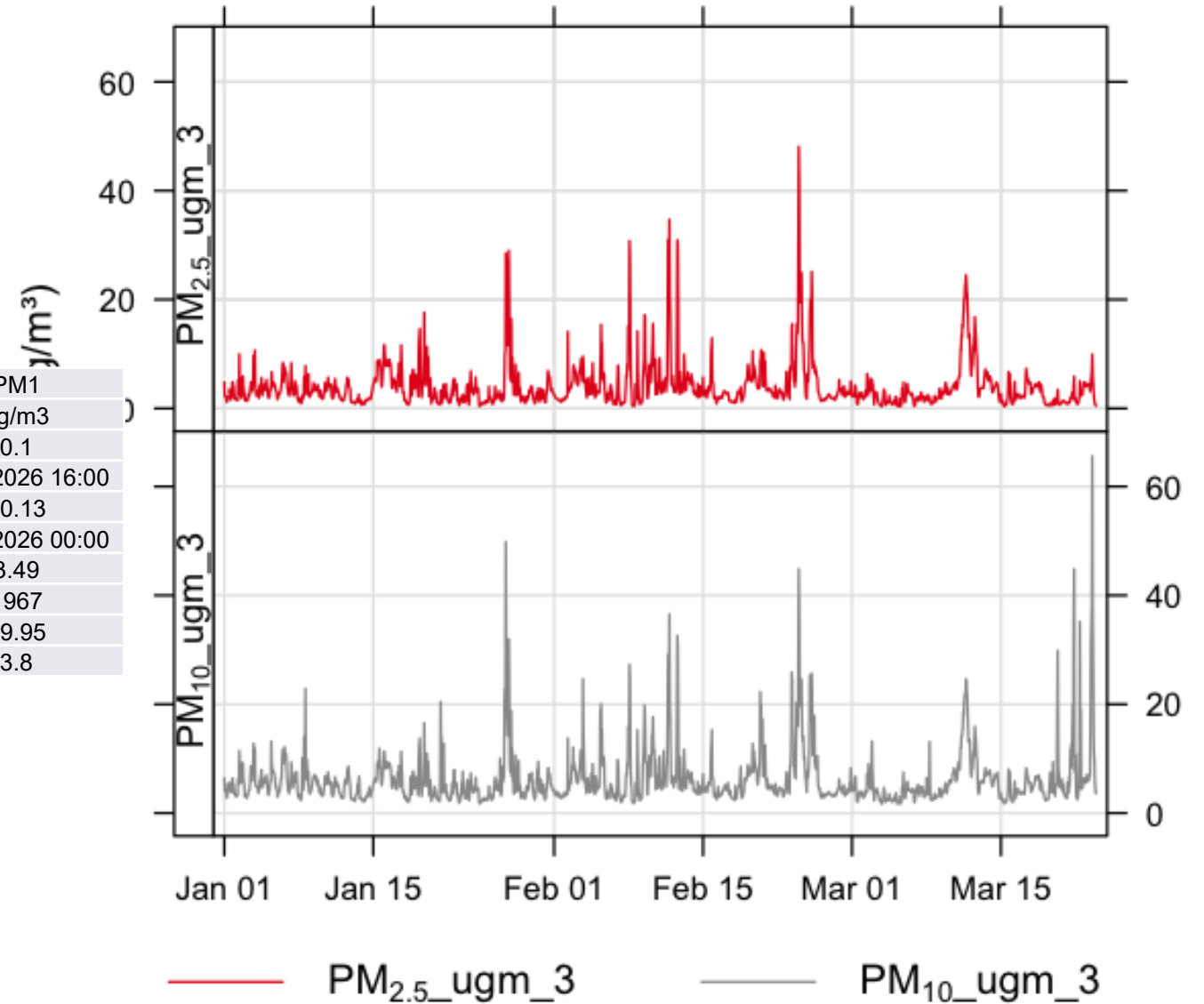
Mitatut pitoisuudet

	TRS	PM2.5	PM10	PM1
	TRS_ugm-3	PM25_ugm-3	PM10_ugm-3	ug/m3
Minimum	-1.58	0.35	1.69	0.1
MinDate	06/01/2026 04:00	15/03/2026 07:00	05/03/2026 07:00	19/03/2026 16:00
Maximum	4.27	48.08	65.58	40.13
MaxDate	24/02/2026 12:00	24/02/2026 00:00	23/03/2026 14:00	24/02/2026 00:00
Avg	1.9	4.03	6.18	3.49
Num	1935	1967	1967	1967
Data[%]	98.32	99.95	99.95	99.95
STD	0.6	4.1	5	3.8

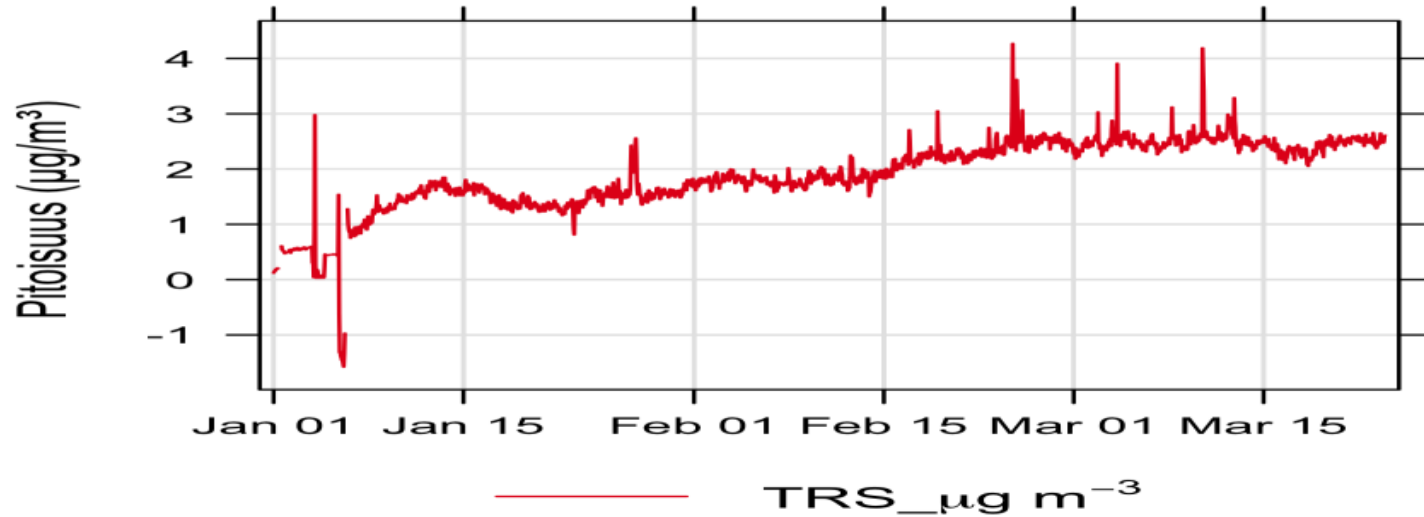


PM tuntidataa

	TRS	PM2.5	PM10	PM1
	TRS_ugm-3	PM25_ugm-3	PM10_ugm-3	PM1_ugm3
Minimum	-1.58	0.35	1.69	0.1
MinDate	06/01/2026 04:00	15/03/2026 07:00	05/03/2026 07:00	19/03/2026 16:00
Maximum	4.27	48.08	65.58	40.13
MaxDate	24/02/2026 12:00	24/02/2026 00:00	23/03/2026 14:00	24/02/2026 00:00
Avg	1.9	4.03	6.18	3.49
Num	1935	1967	1967	1967
Data[%]	98.32	99.95	99.95	99.95
STD	0.6	4.1	5	3.8



TRS tuntidataa

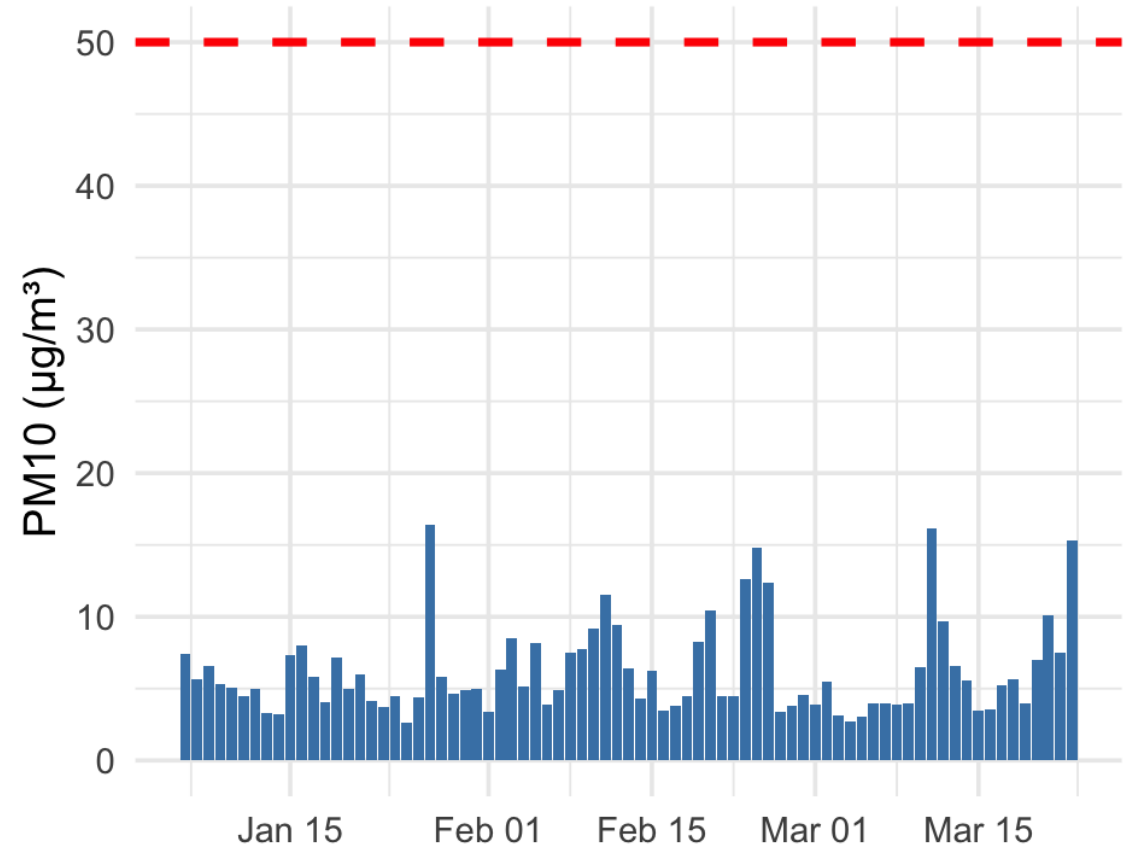


	TRS	PM2.5	PM10	PM1
	TRS_ugm-3	PM25_ugm-3	PM10_ugm-3	ug/m3
Minimum	-1.58	0.35	1.69	0.1
MinDate	06/01/2026 04:00	15/03/2026 07:00	05/03/2026 07:00	19/03/2026 16:00
Maximum	4.27	48.08	65.58	40.13
MaxDate	24/02/2026 12:00	24/02/2026 00:00	23/03/2026 14:00	24/02/2026 00:00
Avg	1.9	4.03	6.18	3.49
Num	1935	1967	1967	1967
Data[%]	98.32	99.95	99.95	99.95
STD	0.6	4.1	5	3.8

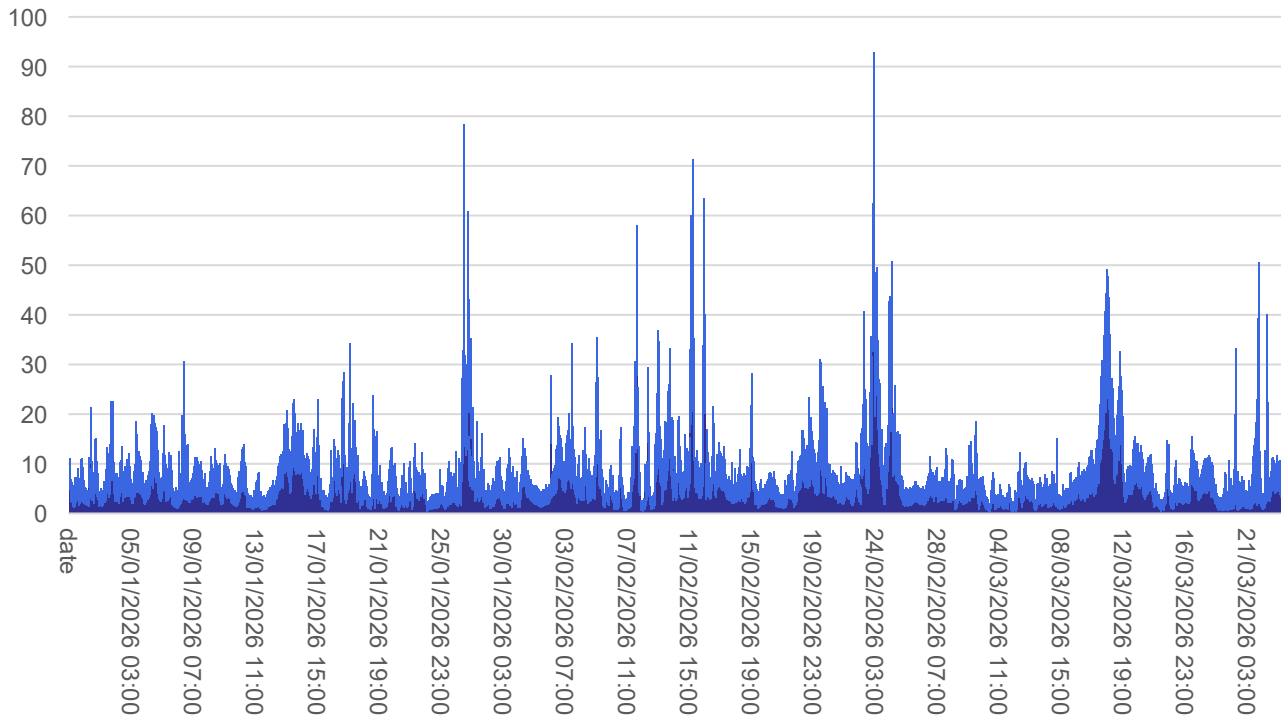


Date & Time	PM2.5	PM10	PM1
Minimum	0.84	2.6	0.41
MinDate	19/03/2026 00:00	25/01/2026 00:00	19/03/2026 00:00
Maximum	15.24	16.39	13.73
MaxDate	11/03/2026 00:00	27/01/2026 00:00	11/03/2026 00:00
Avg	4.03	6.18	3.49
Num	82	82	82
Data[%]	100	100	100
STD	2.7	3.1	2.5

PM10 vuorokausipitoisuus ja raja-arvo



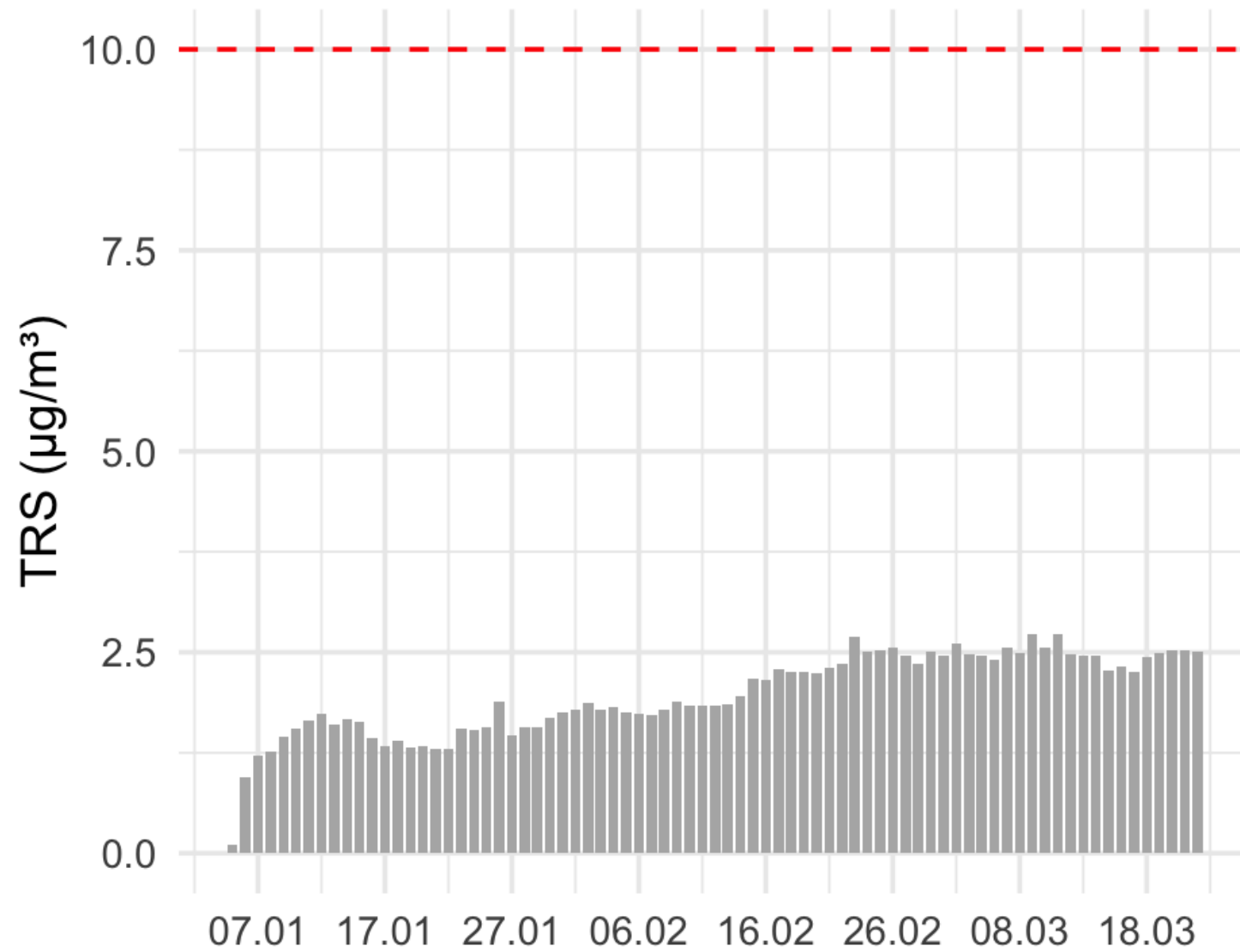
PM10-2.5

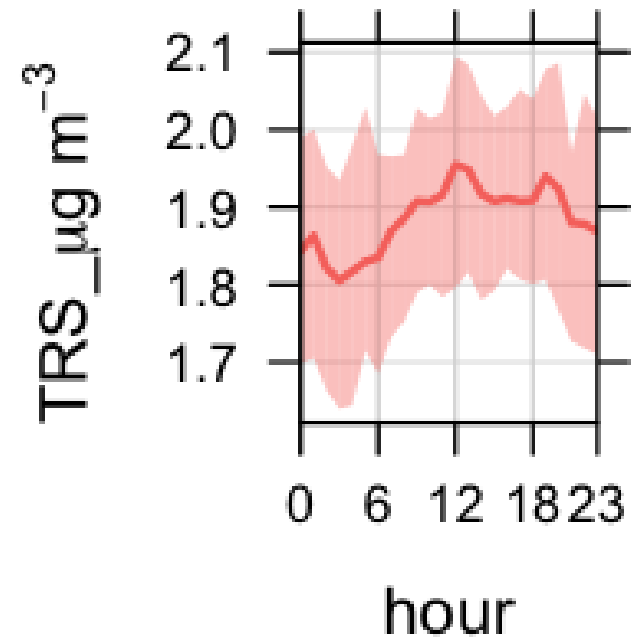
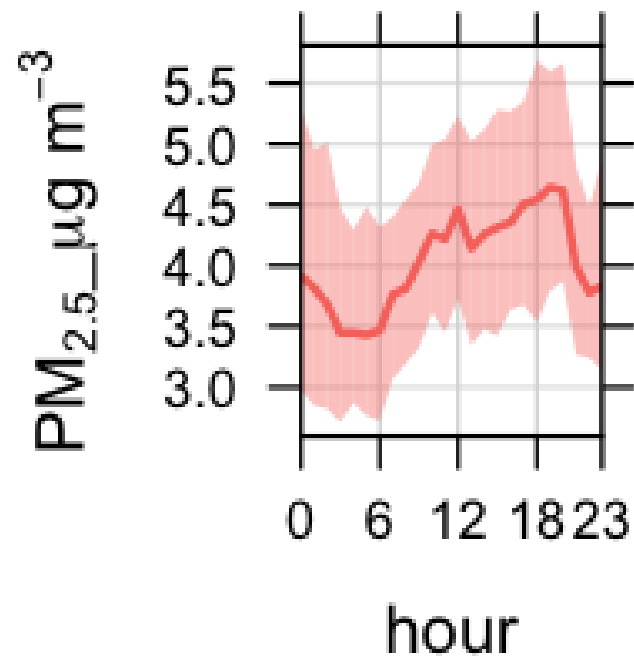
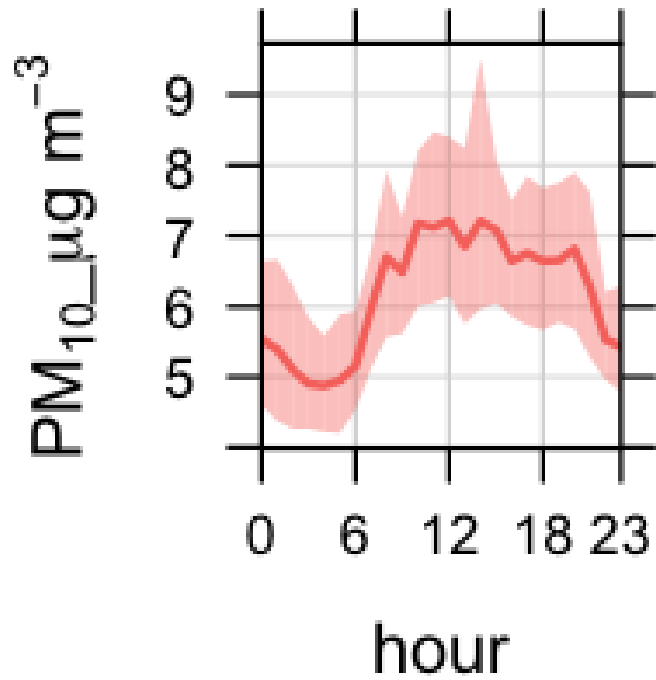


TRS vuorokausipitoisuus ja ohjearvo

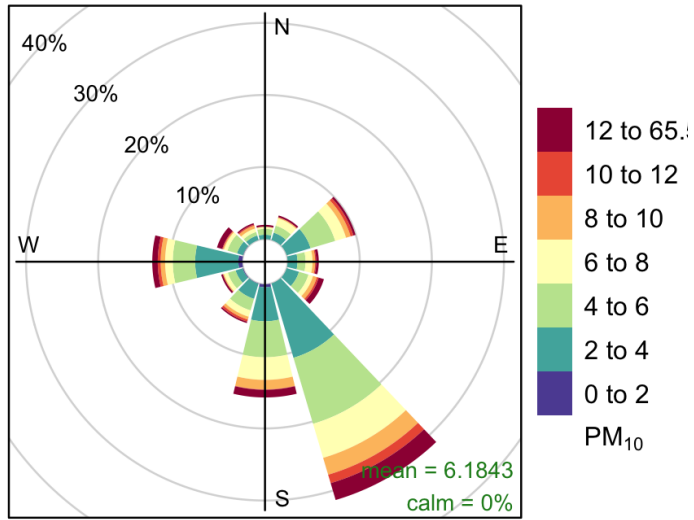
Station: Kemi Keskusta Periodically:
01/01/2026 00:00-23/03/2026 23:59 Type:
AVG 1 Day [1 Day]

Date & Time	TRS
Minimum	0.1
MinDate	06/01/2026 00:00
Maximum	2.73
MaxDate	10/03/2026 00:00
Avg	1.9
Num	81
Data[%]	98.78
STD	0.6

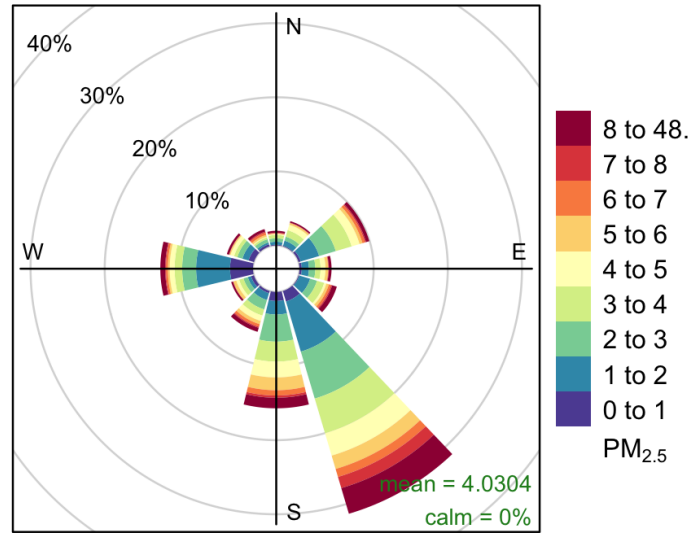




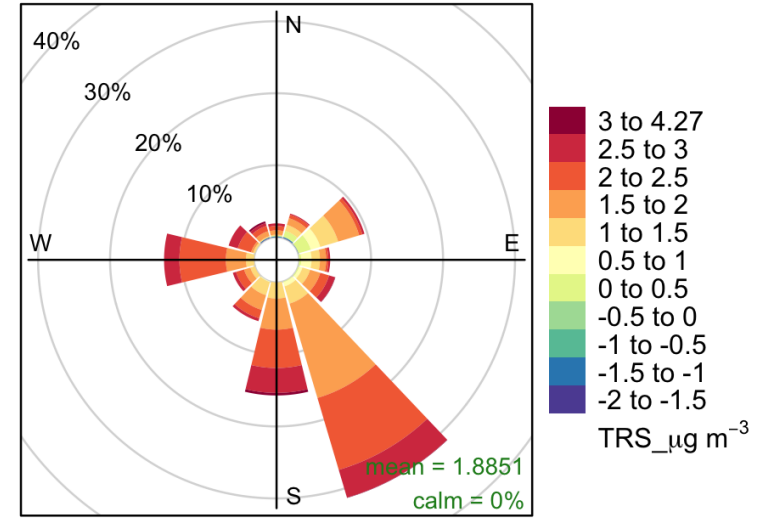
Saasteruusut



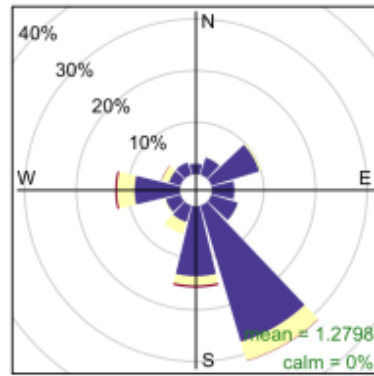
Frequency of counts by wind direction (%)



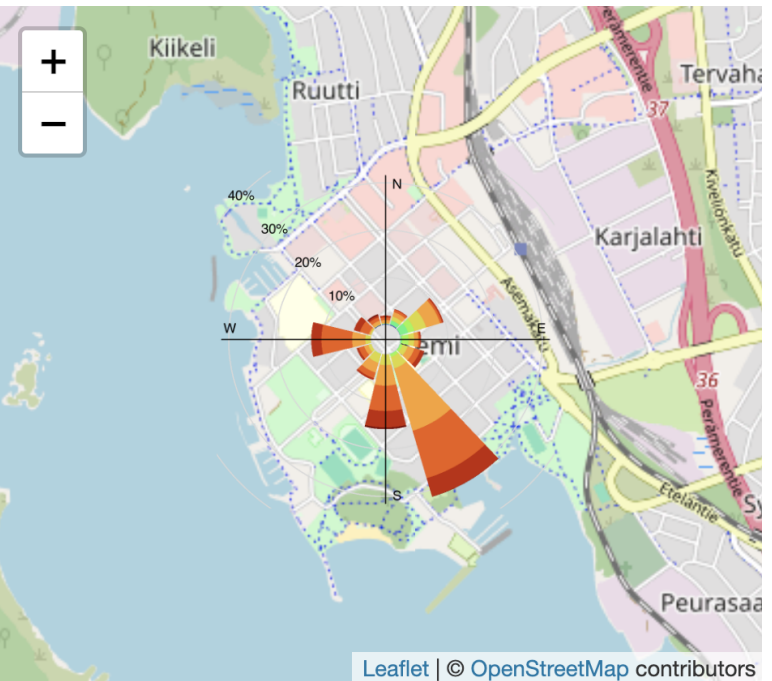
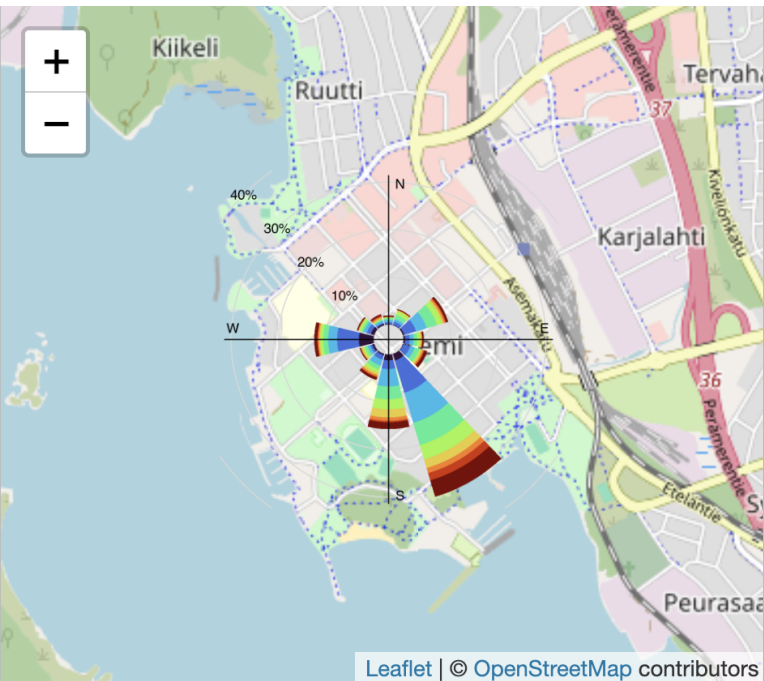
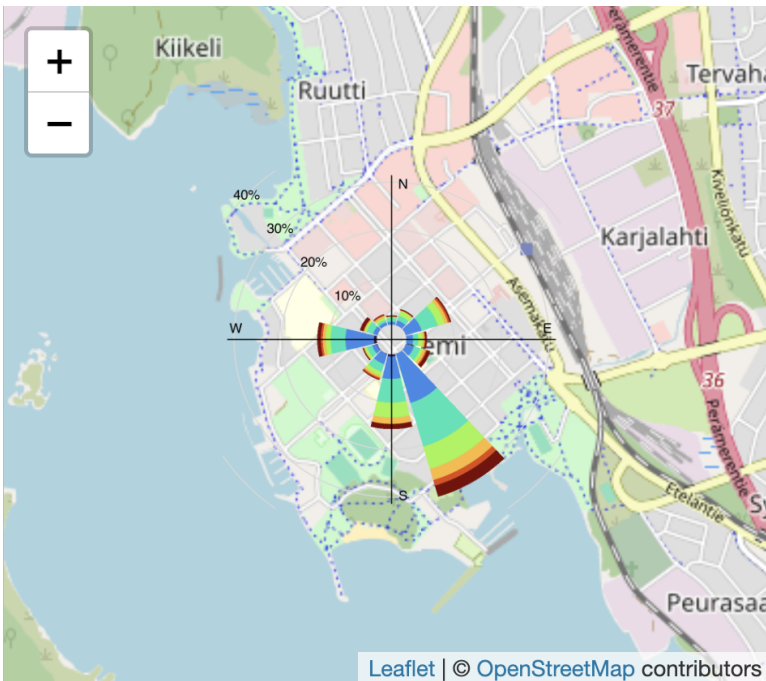
Frequency of counts by wind direction (%)



Frequency of counts by wind direction (%)



Frequency of counts by wind direction (%)





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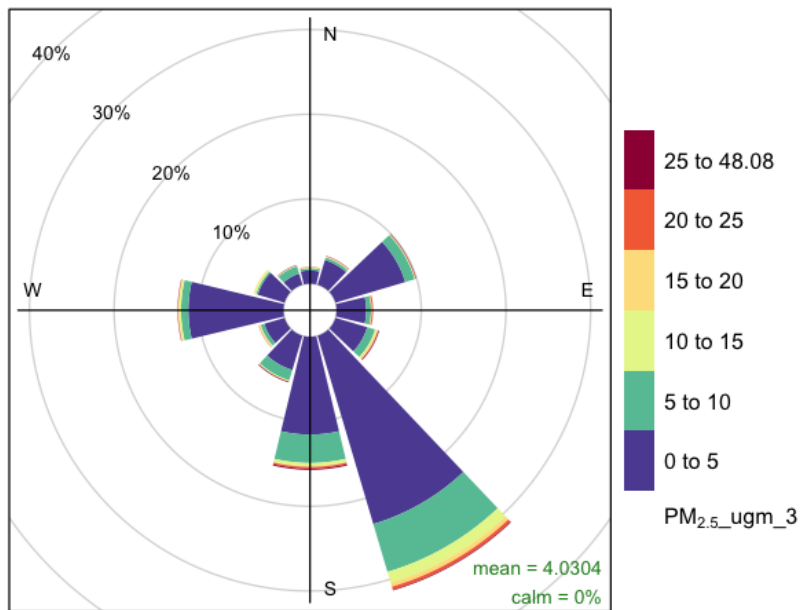
Kiitos

mika.vestenius@fmi.fi

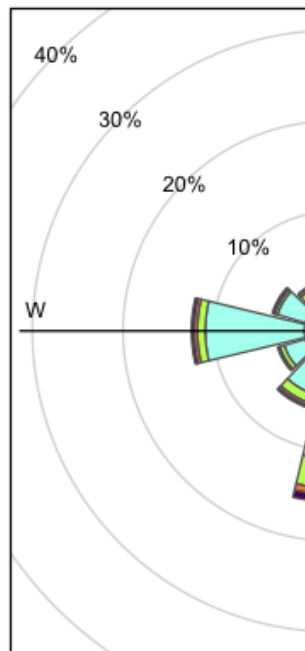
21.4.2026

Nimi





Frequency of counts by wind direction (%)



Freque

