

Primaria Comlosu Mare

WEEKLY AIR-QUALITY REPORT

Timp de la: **18/01/2026, 00:00**
 Timp până la: **24/01/2026, 23:59**

Numele dispozitivului: **Primaria Comlosu Mare**
 Locația dispozitivului: **489, Comloșu Mare 307120, Romania**

Parametrii: **EAQI , NO₂ , O₃ , SO₂ , PM_{2.5} , PM₁₀ , Wind Speed , Wind Direction , CO , R. Humidity , PM₁ , PM₁₀₀ , Temperature**



Media indicelui de calitate al aerului (ICA): **388**

Prezentare generală zilnică: Parametrii indicelui de calitate al aerului (ICA)

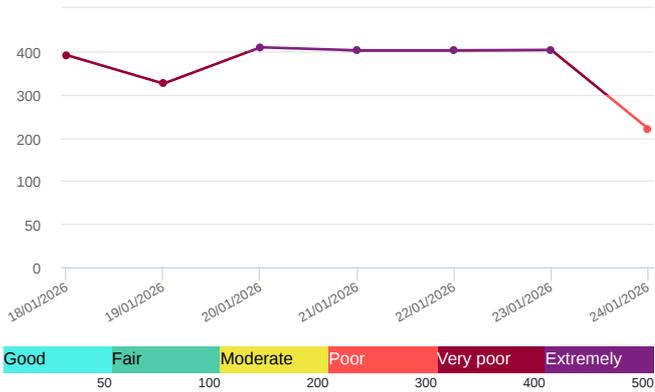
	EAQI AQI	NO ₂ μg/m ³	O ₃ μg/m ³	SO ₂ ppb	PM _{2.5} μg/m ³	PM ₁₀ μg/m ³
Average	388	22.52	60.51	0	71.88	142.73
Maximum	409	29.56	97.87	2.59	97.5	232.01
Date	20/01/2026	23/01/2026	20/01/2026	24/01/2026	20/01/2026	20/01/2026
Minimum	221	17.37	44.87	0	29.99	56.06
Date	24/01/2026	18/01/2026	23/01/2026	18/01/2026	24/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

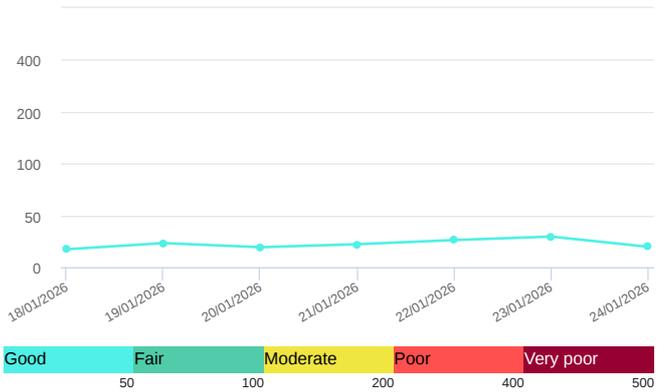
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Temperature °C
Average	2	113.44	100	616.67	85.24	56.77	172.12	-1.39
Maximum	4.48	151.72	100	779.9	88.98	78.55	317.39	4.15
Date	24/01/2026	24/01/2026	18/01/2026	22/01/2026	20/01/2026	23/01/2026	20/01/2026	24/01/2026
Minimum	1.44	141.41	100	493.58	81.97	27.86	64.93	-5.41
Date	18/01/2026	18/01/2026	18/01/2026	19/01/2026	19/01/2026	24/01/2026	24/01/2026	21/01/2026

Media zilnică

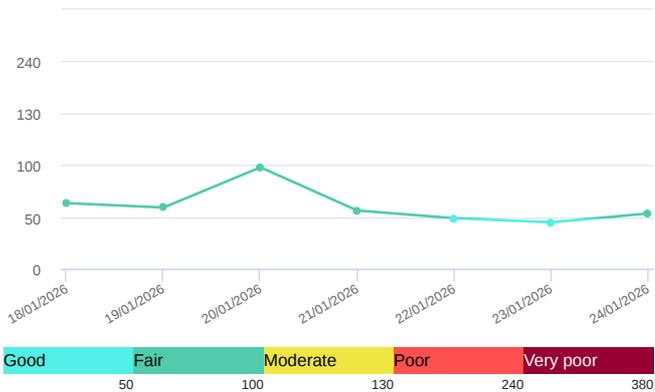
EAQI (AQI)



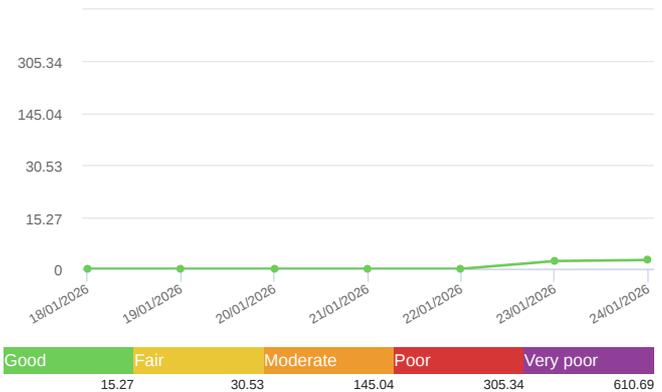
NO₂ (µg/m³)



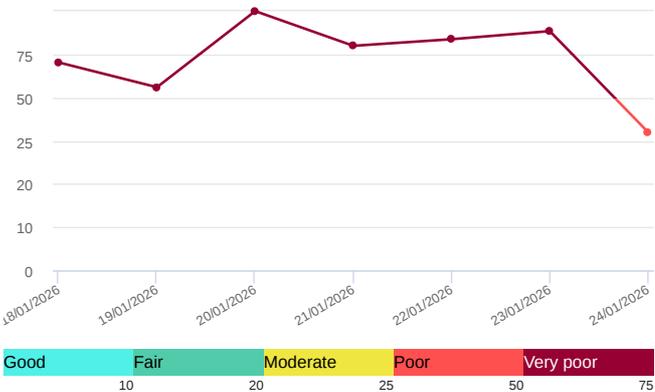
O₃ (µg/m³)



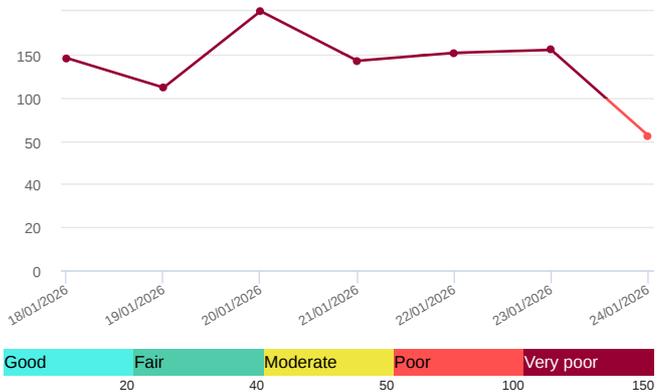
SO₂ (ppb)



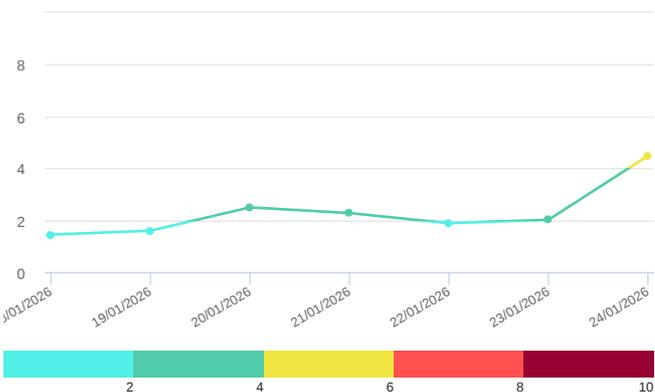
PM_{2.5} (µg/m³)



PM₁₀ (µg/m³)



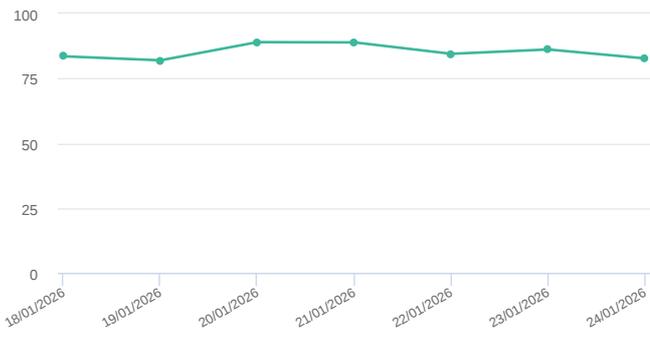
Wind Speed (m/s)



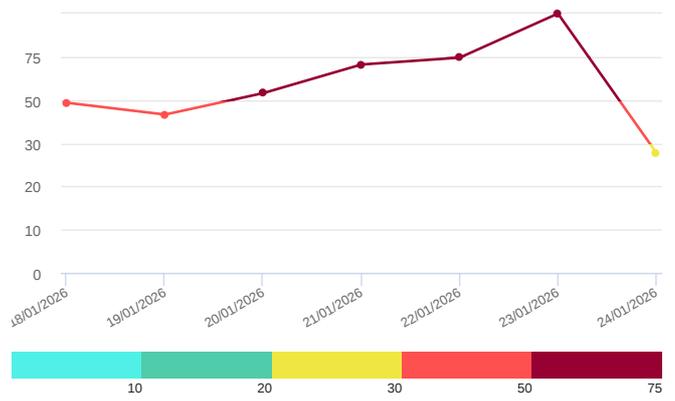
CO (ppb)



R. Humidity (%)



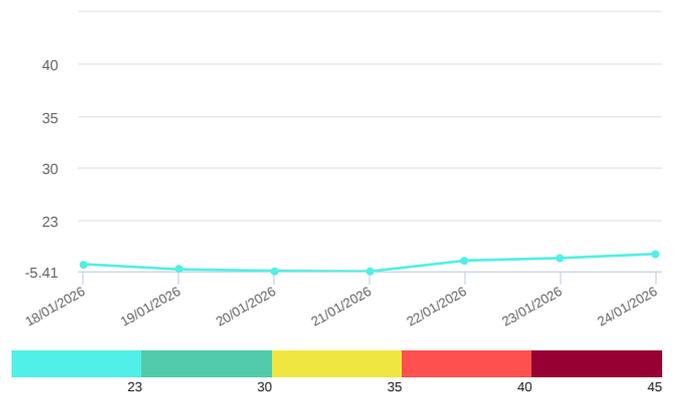
PM₁ (µg/m³)



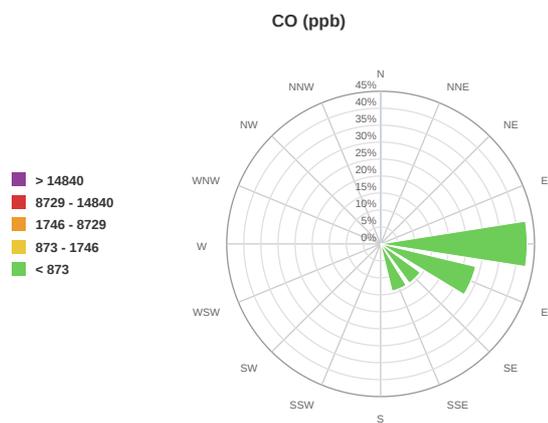
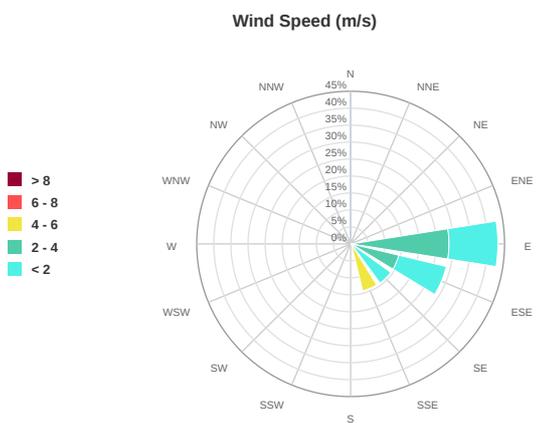
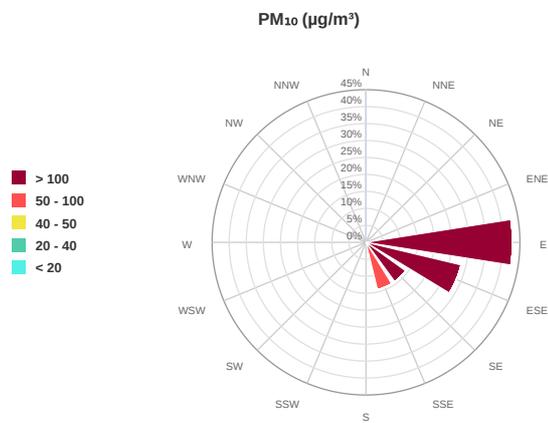
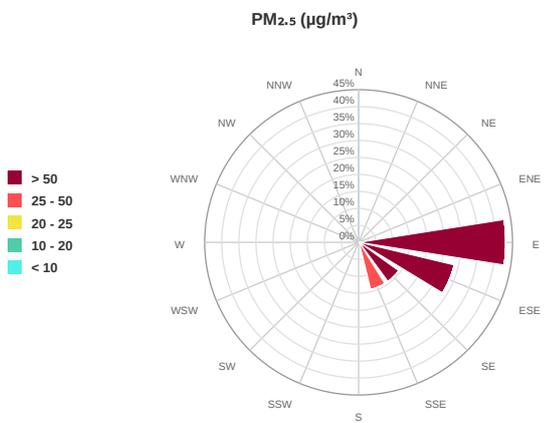
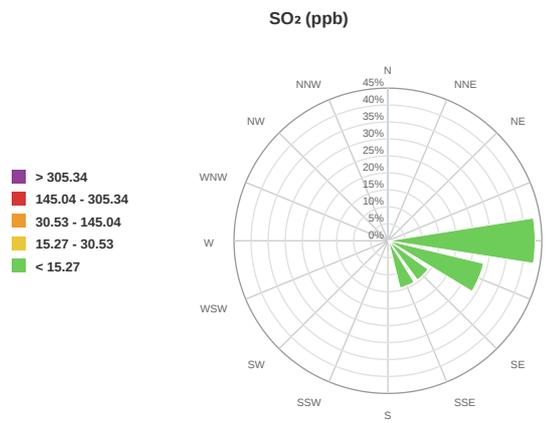
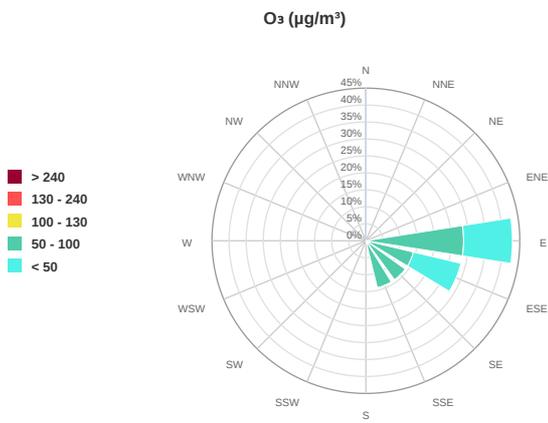
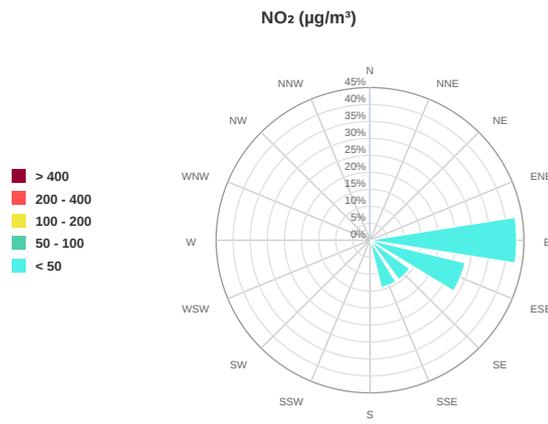
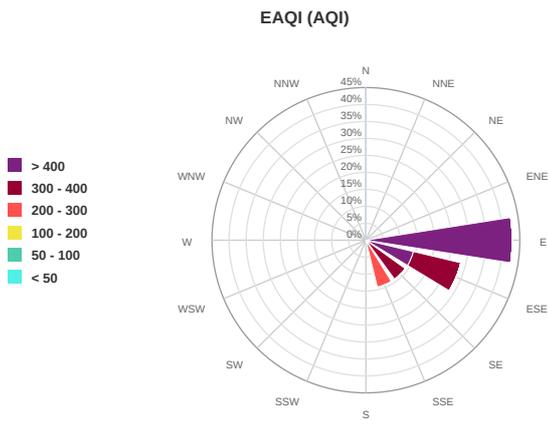
PM₁₀₀ (µg/m³)



Temperature (°C)

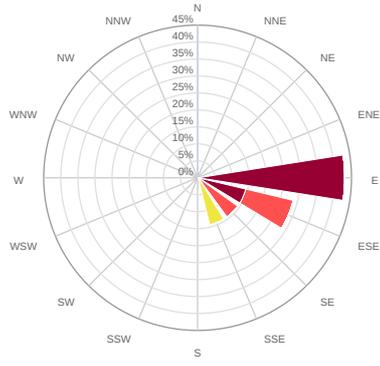


Media zilnică



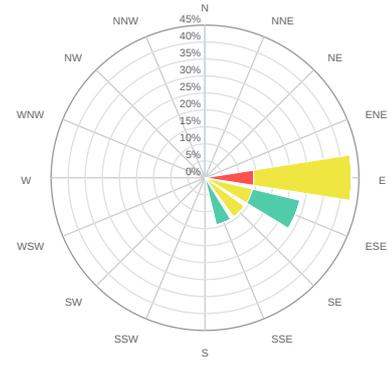
PM₁ (µg/m³)

- > 50
- 30 - 50
- 20 - 30
- 10 - 20
- < 10



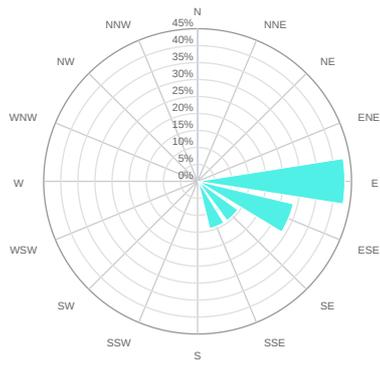
PM₁₀₀ (µg/m³)

- > 500
- 300 - 500
- 150 - 300
- 50 - 150
- < 50



Temperature (°C)

- > 40
- 35 - 40
- 30 - 35
- 23 - 30
- < 23



Alerte

No alerts for the selected date and time range

Insights

- 24/01/2026, 23:59 **EAQI consistently Very Poor to Extremely Poor:** The EAQI values ranged from 221 to 409, indicating air quality consistently fell into the 'Poor' to 'Extremely poor' categories, posing significant health risks.
- 24/01/2026, 23:59 **High PM_{2.5} concentrations drive poor air quality:** PM_{2.5} concentrations ranged from 29.99 µg/m³ to 97.5 µg/m³, frequently exceeding safe levels and contributing significantly to the degraded EAQI scores. This falls mostly into 'Poor' and 'Extremely Poor' zones.
- 24/01/2026, 23:59 **Elevated PM₁₀ levels exacerbate pollution:** PM₁₀ concentrations were also high, ranging from 56.06 µg/m³ to 232.01 µg/m³, contributing to the 'Poor' to 'Extremely Poor' air quality. These levels significantly impact respiratory health.
- 24/01/2026, 23:59 **Ozone levels fluctuate, peaking at 'Very Poor':** O₃ concentrations varied, reaching a maximum of 192.14 µg/m³, classifying it as 'Very Poor'. Such high ozone levels can cause breathing problems and damage lung tissue.
- 24/01/2026, 23:59 **CO levels suggest significant combustion sources:** CO levels were consistently elevated, ranging from 518.46 ppb to 779.9 ppb, suggesting a strong influence from combustion sources like vehicles or industrial processes.
- 24/01/2026, 23:59 **SO₂ levels generally low:** SO₂ levels were generally low, with most days recording 0 ppb, indicating minimal impact from sulfur-related emissions. This suggests that sources of sulfur dioxide are not significant contributors.
- 24/01/2026, 23:59 **NO₂ within 'Fair' to 'Moderate' Range:** NO₂ levels ranged from 32.69 µg/m³ to 55.63 µg/m³, mostly falling within the 'Fair' to 'Moderate' range. While not the primary driver, it contributes to overall pollution.
- 24/01/2026, 23:59 **Relatively high humidity:** Relative humidity remained high, fluctuating between 81.97% and 88.98%. High humidity can exacerbate the effects of air pollution, especially particulate matter.
- 24/01/2026, 23:59 **Wind speed variations may affect pollution dispersion:** Wind speeds ranged from 1.44 m/s to 4.48 m/s. Higher wind speeds, especially on 2026-01-24, might have contributed to some dispersion, potentially improving EAQI slightly.
- 24/01/2026, 23:59 **Cold Temperatures Observed:** Temperatures ranged from -5.41 °C to 4.15 °C, indicating cold conditions that can lead to increased fuel burning for heating purposes which may contribute to emissions.

Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	EAQI AQI	NO ₂ µg/m ³	O ₃ µg/m ³	SO ₂ ppb	PM _{2.5} µg/m ³	PM ₁₀ µg/m ³
18/01/2026, 23:59	391	17.37	63.37	0	70.3	145.7
19/01/2026, 23:59	325	23.24	59.1	0	55.98	111.54
20/01/2026, 23:59	409	19.32	97.87	0	97.5	232.01
21/01/2026, 23:59	402	22.19	56.22	0	79.44	142.49
22/01/2026, 23:59	402	26.22	48.79	0	82.88	152.91
23/01/2026, 23:59	403	29.56	44.87	2.29	87.09	158.41
24/01/2026, 23:59	221	19.7	53.34	2.59	29.99	56.06

Alți parametri

Media zilnică

To Date	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ µg/m ³	PM ₁₀₀ µg/m ³	Temperature °C
18/01/2026, 23:59	1.44	141.41	100	518.46	83.51	48.73	187.24	-1.47
19/01/2026, 23:59	1.59	115.31	100	493.58	81.97	43.26	129.88	-4.3
20/01/2026, 23:59	2.49	79.37	100	502.61	88.98	53.98	317.39	-5.09
21/01/2026, 23:59	2.27	80.12	100	710.81	88.88	70.52	153.42	-5.41
22/01/2026, 23:59	1.88	85.4	100	779.9	84.47	74.49	174.62	0.53
23/01/2026, 23:59	2.01	113.96	100	755.46	86.15	78.55	177.34	1.89
24/01/2026, 23:59	4.48	151.72	100	555.89	82.7	27.86	64.93	4.15

Oizom will not be responsible for Environmental Data accuracy once Validated