

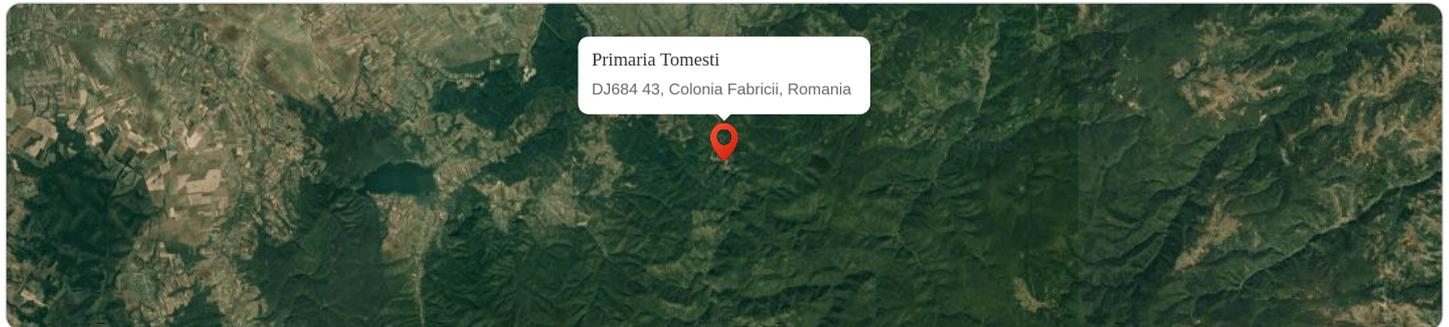
Primaria Tomesti

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Tomesti**
 Locația dispozitivului: **DJ684 43, Colonia Fabricii, Romania**

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



Media indicelui de calitate al aerului (ICA): **282**

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	282	10.32	8.6	0	45.4	82.69
Maximum	402	19.89	17.54	0	84.02	151.13
Date	22/01/2026	21/01/2026	19/01/2026	18/01/2026	22/01/2026	22/01/2026
Minimum	215	3.6	0	0	28.56	52.3
Date	19/01/2026	19/01/2026	22/01/2026	18/01/2026	19/01/2026	19/01/2026

Prezentare generală zilnică: Alți parametri

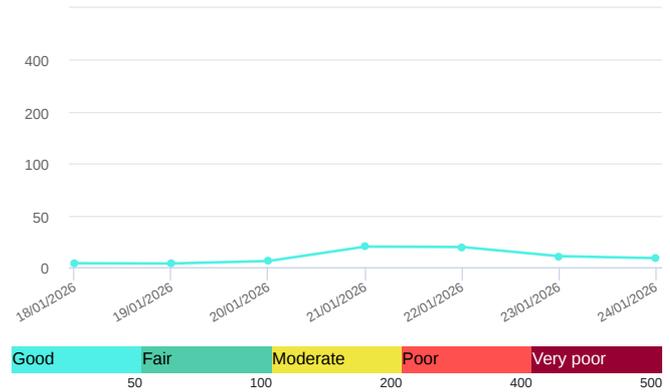
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ µg/m ³	PM ₁₀₀ µg/m ³	Pressure HPa	Temperature °C
Average	2.15	73.89	100	869.03	83.97	39.66	90.26	989.87	-1.23
Maximum	2.49	70.83	100	1691.64	88.98	73.16	163.1	1006.06	3.13
Date	18/01/2026	18/01/2026	18/01/2026	21/01/2026	18/01/2026	22/01/2026	22/01/2026	19/01/2026	23/01/2026
Minimum	1.54	79.95	100	475.38	78.66	25.29	57.34	975.38	-5.27
Date	23/01/2026	23/01/2026	18/01/2026	19/01/2026	21/01/2026	19/01/2026	19/01/2026	22/01/2026	19/01/2026

Media zilnică

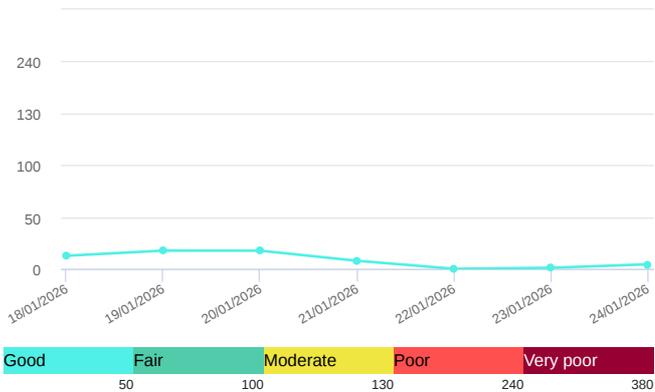
EAQI (AQI)



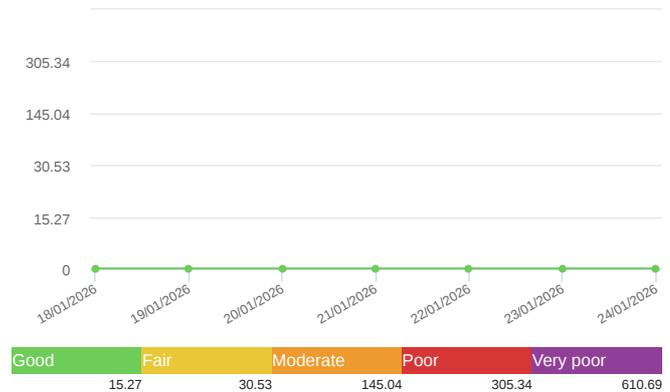
NO₂ (µg/m³)



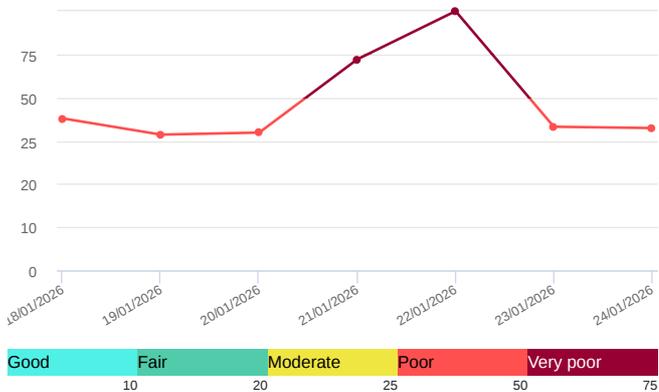
O₃ (µg/m³)



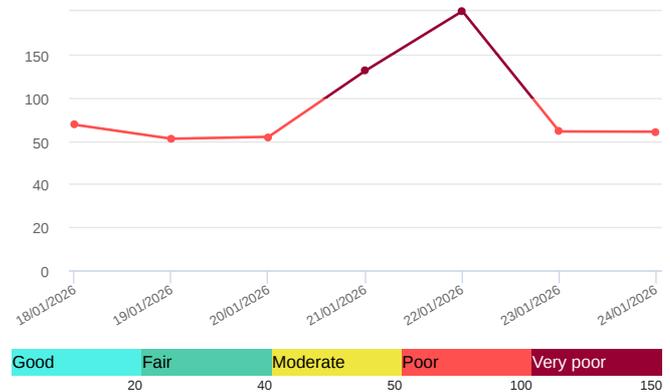
SO₂ (ppb)



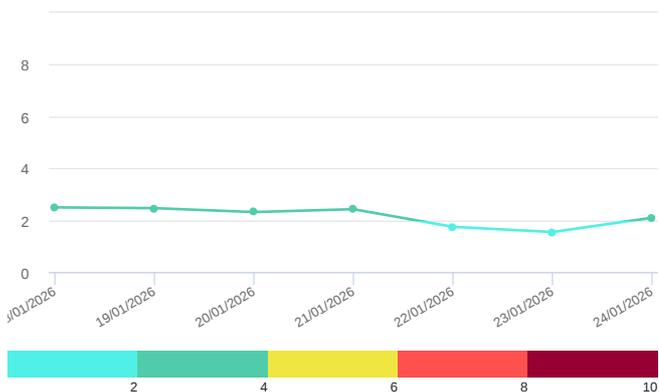
PM_{2.5} (µg/m³)



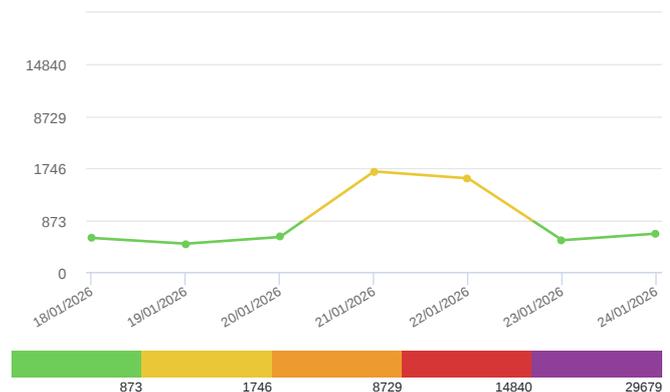
PM₁₀ (µg/m³)



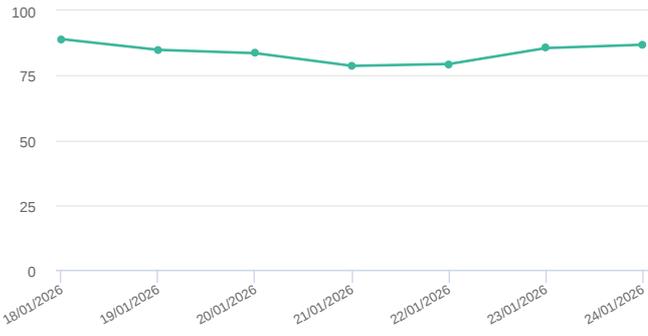
Wind Speed (m/s)



CO (ppb)



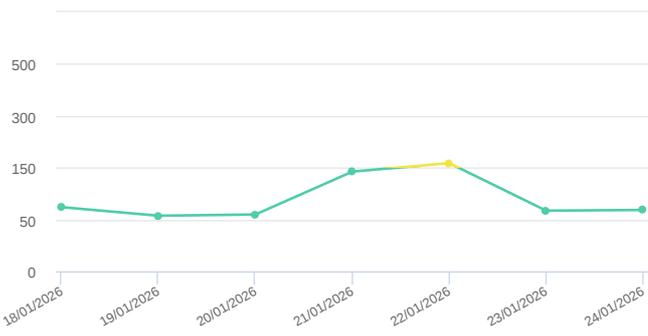
R. Humidity (%)



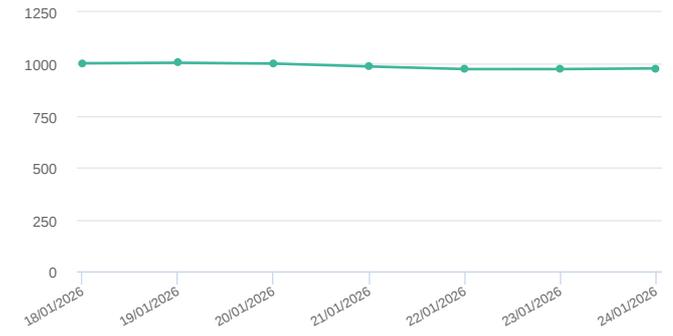
PM₁ (µg/m³)



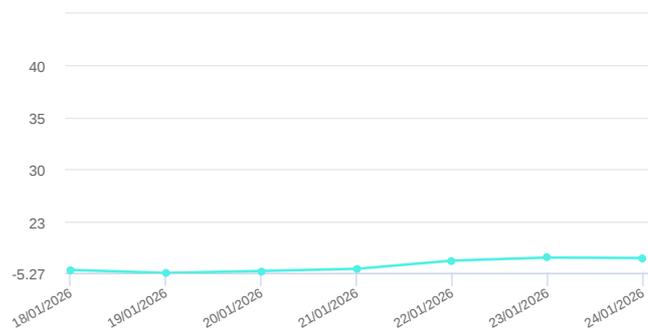
PM₁₀₀ (µg/m³)



Pressure (hPa)



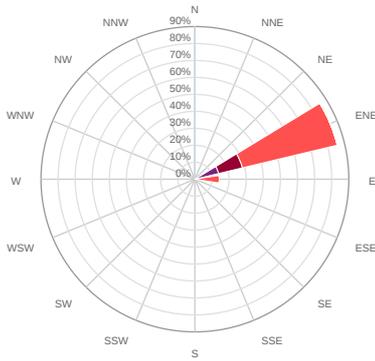
Temperature (°C)



Media zilnică

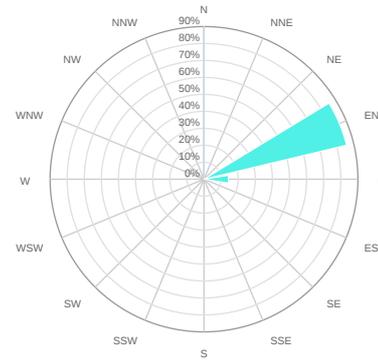
EAQI (AQI)

- > 400
- 300 - 400
- 200 - 300
- 100 - 200
- 50 - 100
- < 50



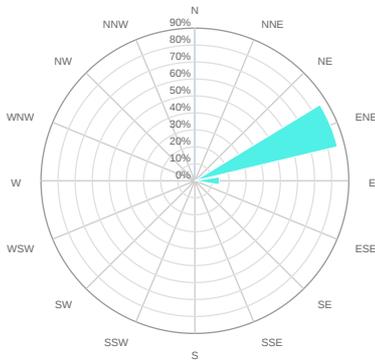
NO₂ (µg/m³)

- > 400
- 200 - 400
- 100 - 200
- 50 - 100
- < 50



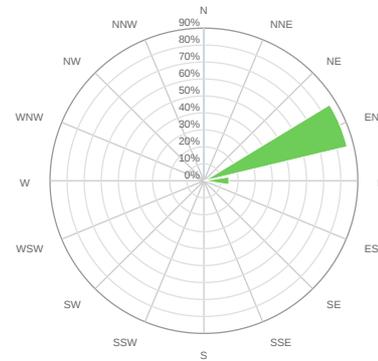
O₃ (µg/m³)

- > 240
- 130 - 240
- 100 - 130
- 50 - 100
- < 50



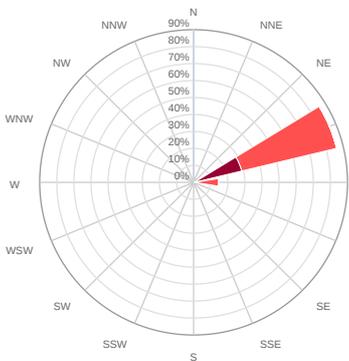
SO₂ (ppb)

- > 305.34
- 145.04 - 305.34
- 30.53 - 145.04
- 15.27 - 30.53
- < 15.27



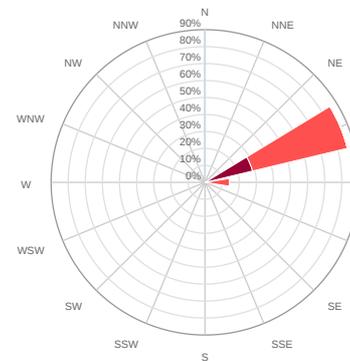
PM_{2.5} (µg/m³)

- > 50
- 25 - 50
- 20 - 25
- 10 - 20
- < 10



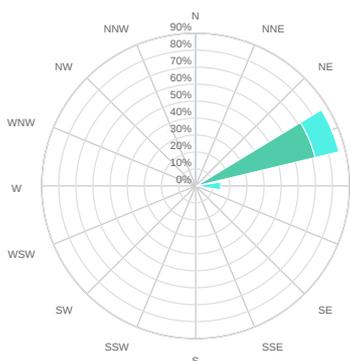
PM₁₀ (µg/m³)

- > 100
- 50 - 100
- 40 - 50
- 20 - 40
- < 20



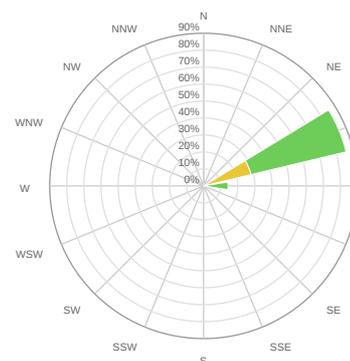
Wind Speed (m/s)

- > 8
- 6 - 8
- 4 - 6
- 2 - 4
- < 2



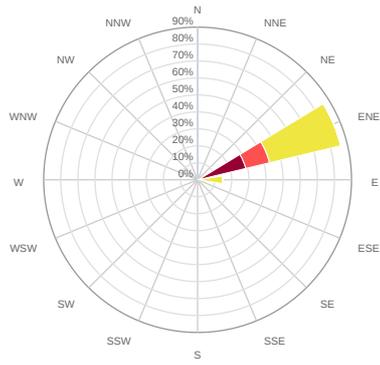
CO (ppb)

- > 14840
- 8729 - 14840
- 1746 - 8729
- 873 - 1746
- < 873



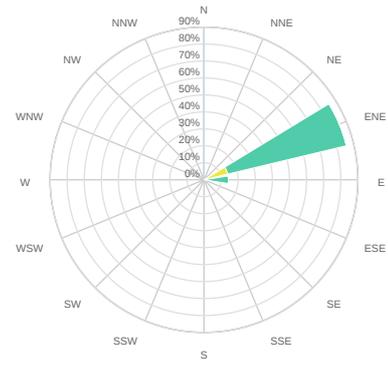
PM₁ (µg/m³)

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



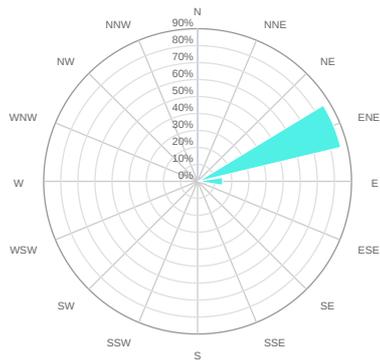
PM₁₀₀ (µg/m³)

- > 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

- 22/01/2026, 23:59 **Deteriorating Air Quality: EAQI Peaks:** EAQI values worsen over the period, escalating from 'Poor' to 'Extremely Poor'. A peak EAQI of 402 was recorded, indicating significantly compromised air quality.
- 22/01/2026, 23:59 **High PM_{2.5} Concentrations Indicate Pollution:** PM_{2.5} levels reached a maximum of 84.02 µg/m³, falling into the 'Extremely Poor' zone. This poses a significant health risk. The lowest recorded PM_{2.5} level was 28.56 µg/m³, which falls under 'Poor'.
- 22/01/2026, 23:59 **PM₁₀ Levels Exceeding Acceptable Limits:** PM₁₀ concentrations peaked at 151.13 µg/m³, classified as 'Extremely Poor'. The lowest value recorded was 52.3 µg/m³ putting the PM₁₀ levels in 'Poor' Zone
- 24/01/2026, 23:59 **Consistent Low SO₂ Levels:** SO₂ levels consistently remained at 0 ppb throughout the reported period, indicating a 'Good' air quality zone for this pollutant.
- 24/01/2026, 23:59 **NO₂ Levels Mostly in Good to Fair Range:** NO₂ levels generally remained low, with the highest recorded value being 37.43 µg/m³, within the 'Fair' zone. This suggests relatively low nitrogen dioxide pollution.
- 24/01/2026, 23:59 **Variable O₃ Concentrations Observed:** O₃ levels fluctuated, reaching a peak of 34.43 µg/m³ and a low of 0 µg/m³, both within the 'Good' to 'Fair' zones respectively. This indicates moderate ozone variability.
- 22/01/2026, 23:59 **High CO Levels Correlate with Poor EAQI:** Elevated CO (Carbon Monoxide) levels, reaching 1691.64 ppb, coincide with the 'Very Poor' and 'Extremely Poor' EAQI ratings, suggesting CO is a contributing factor to poor air quality.
- 24/01/2026, 23:59 **Relatively Stable Wind Conditions:** Wind speed remained relatively stable, ranging from 1.54 m/s to 2.49 m/s. Wind direction varied between 70.61 and 79.95 degrees, but it is unlikely to have dramatically affected pollution dispersion.
- 24/01/2026, 23:59 **High Humidity May Affect PM Levels:** High relative humidity, consistently above 78%, may contribute to increased PM_{2.5} and PM₁₀ levels due to hygroscopic growth, where particles absorb water and increase in size.
- 24/01/2026, 23:59 **Temperature Inversion Potential:** Low temperatures, with a range from -5.27 °C to 3.13 °C, combined with high pressure, may contribute to temperature inversions, trapping pollutants near the ground and worsening air quality.

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	252	3.85	12.58	0	37.93	68.53
19/01/2026, 23:59	215	3.6	17.54	0	28.56	52.3
20/01/2026, 23:59	220	5.99	17.44	0	29.72	54.56
21/01/2026, 23:59	389	19.89	7.68	0	72.16	131.08
22/01/2026, 23:59	402	19.52	0	0	84.02	151.13
23/01/2026, 23:59	233	10.64	0.99	0	33.09	60.75
24/01/2026, 23:59	230	8.74	4.36	0	32.34	60.45

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	Pressure HPa	Temperature °C
18/01/2026, 23:59	2.49	70.83	100	573.07	88.98	33.9	73.77	1003.53	-3.62
19/01/2026, 23:59	2.46	70.61	100	475.38	84.84	25.29	57.34	1006.06	-5.27
20/01/2026, 23:59	2.31	72.36	100	588.01	83.56	26.11	59.69	1002.05	-4.2
21/01/2026, 23:59	2.42	73.02	100	1691.64	78.66	60.87	142.45	987.99	-3
22/01/2026, 23:59	1.74	75.69	100	1575.97	79.4	73.16	163.1	975.38	1.47
23/01/2026, 23:59	1.54	79.95	100	534.38	85.54	29.43	67.06	975.45	3.13
24/01/2026, 23:59	2.09	78.2	100	644.73	86.83	28.87	68.37	978.65	2.86

Oizom will not be responsible for Environmental Data accuracy once Validated