

Primaria Ciacova

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Ciacova**
 Locația dispozitivului: **Piața Cetății 10, Ciacova, 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): **276**

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	276	20.39	10.28	0	43.26	87.71
Maximum	326	22.65	14.35	0.53	56.3	110.52
Date	23/01/2026	23/01/2026	20/01/2026	18/01/2026	23/01/2026	23/01/2026
Minimum	186	15.3	4.21	0	22.1	48.55
Date	24/01/2026	24/01/2026	23/01/2026	19/01/2026	24/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

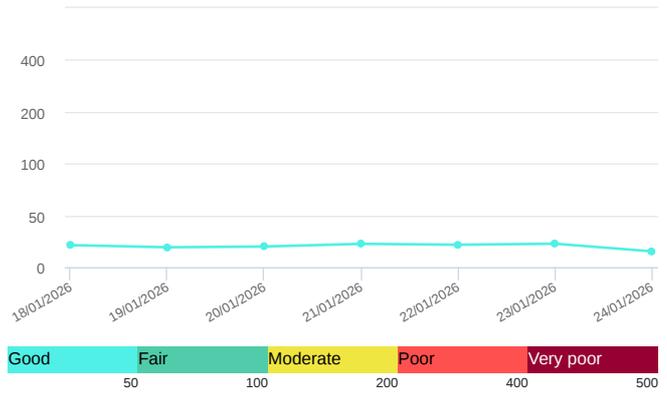
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ µg/m ³	PM ₁₀₀ µg/m ³	Pressure HPa	Temperature °C
Average	1.55	121.28	100	607.21	74.74	39.17	114.38	1011.77	0.41
Maximum	4.42	154.44	100	726.55	77.84	53.11	139.87	1028.87	5.93
Date	24/01/2026	24/01/2026	18/01/2026	23/01/2026	23/01/2026	23/01/2026	22/01/2026	19/01/2026	24/01/2026
Minimum	1.09	66.46	100	435.86	72.02	19.41	66.39	996.74	-2.68
Date	22/01/2026	22/01/2026	18/01/2026	24/01/2026	19/01/2026	24/01/2026	24/01/2026	23/01/2026	19/01/2026

Media zilnică

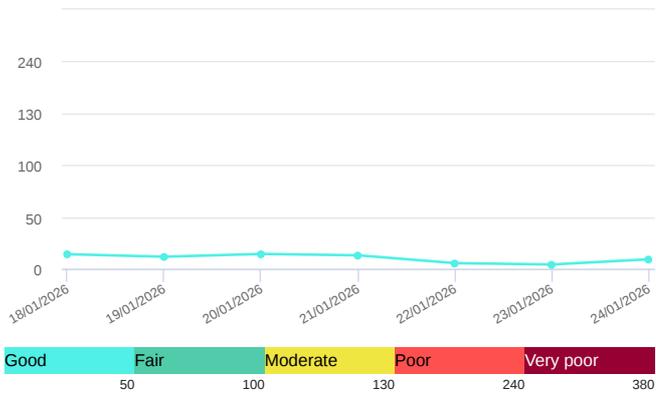
EAQI (AQI)



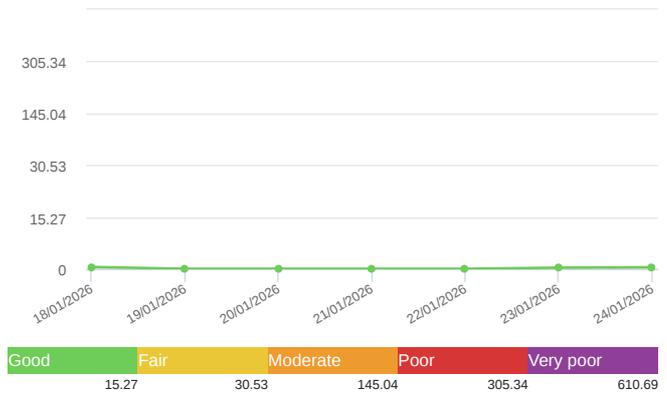
NO₂ (µg/m³)



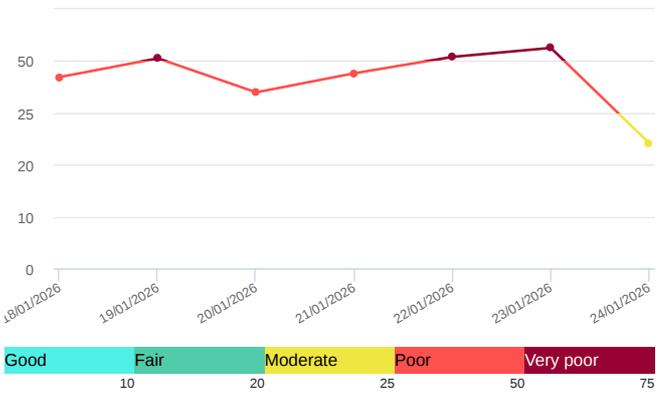
O₃ (µg/m³)



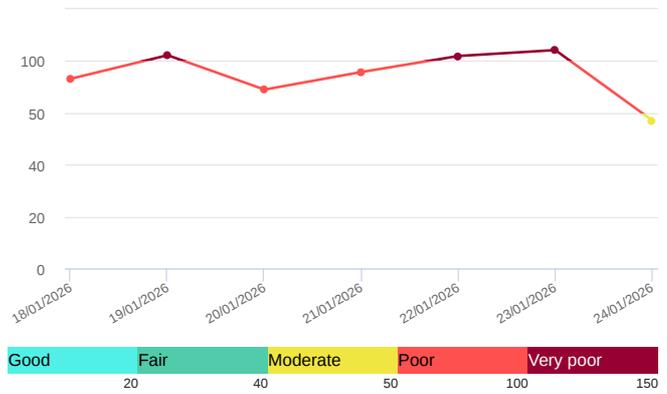
SO₂ (ppb)



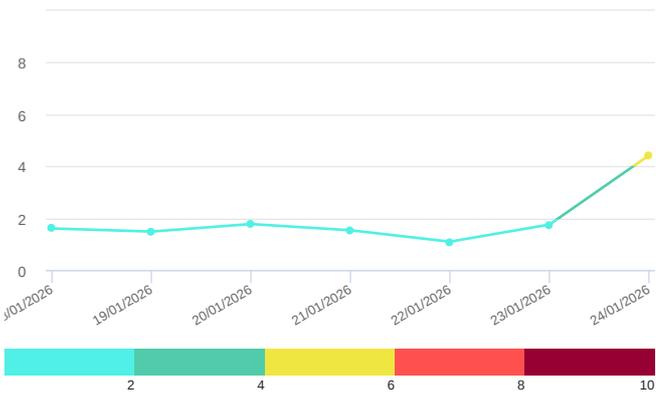
PM_{2.5} (µg/m³)



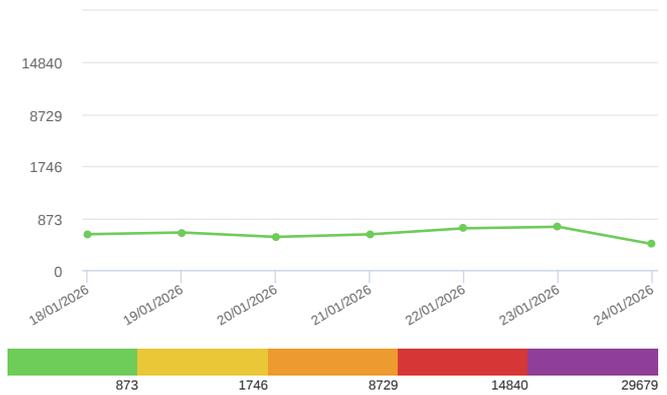
PM₁₀ (µg/m³)



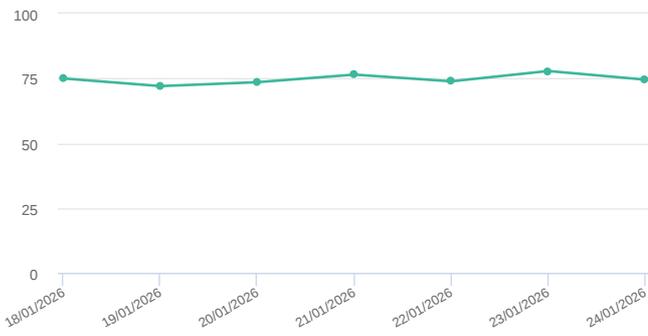
Wind Speed (m/s)



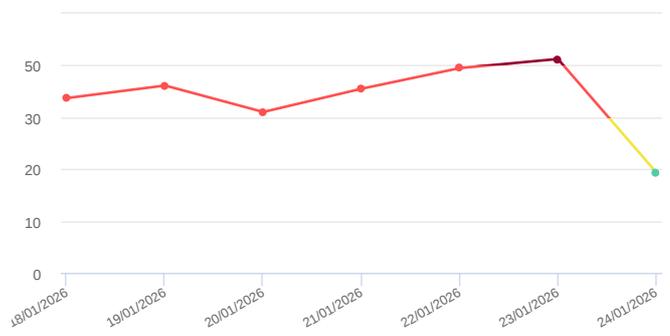
CO (ppb)



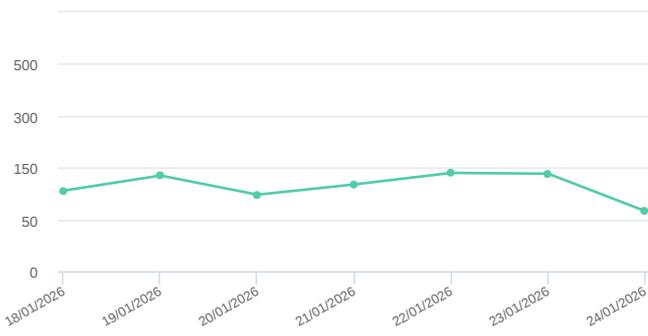
R. Humidity (%)



PM₁ (µg/m³)



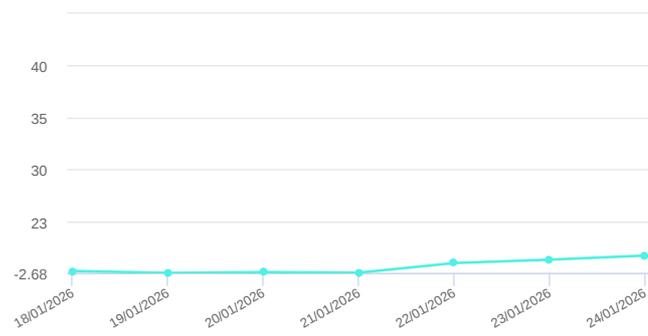
PM₁₀₀ (µg/m³)



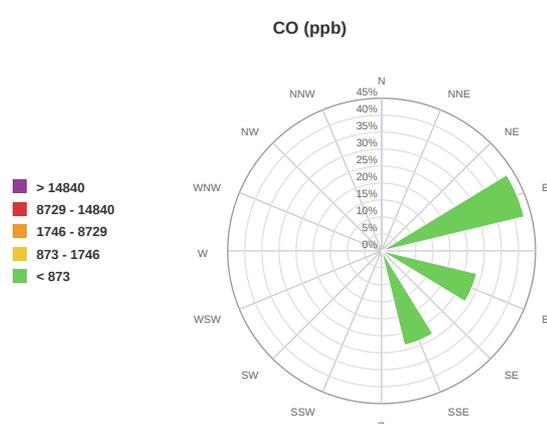
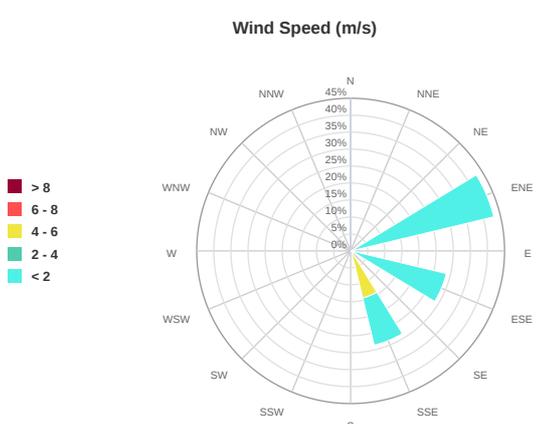
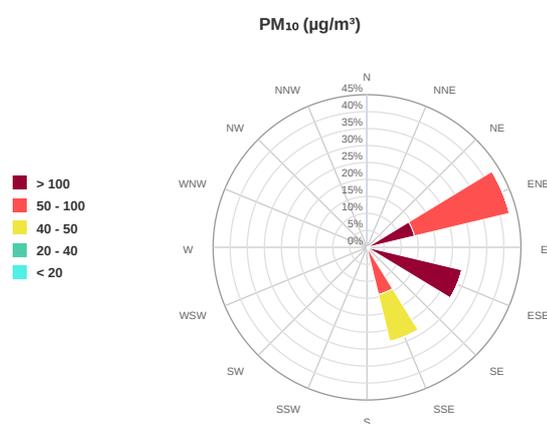
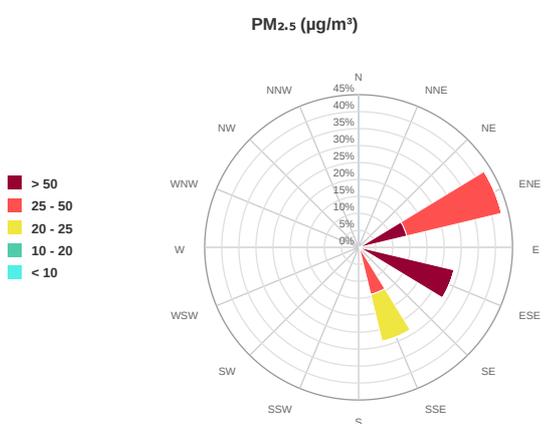
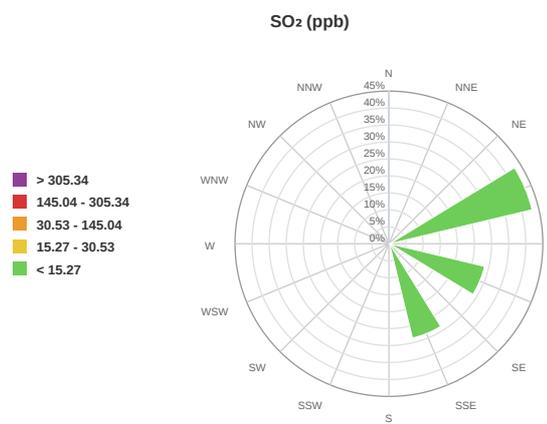
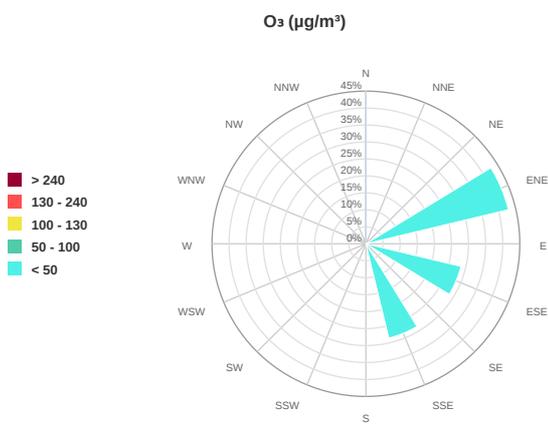
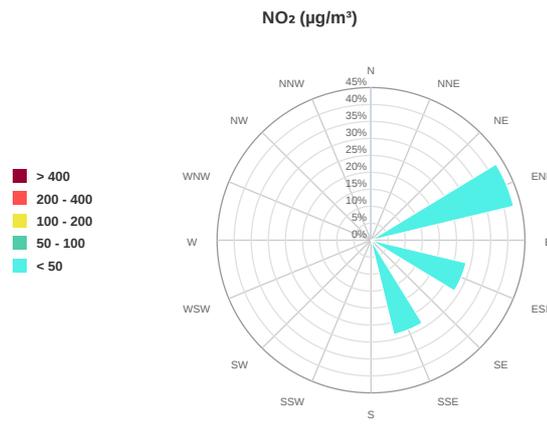
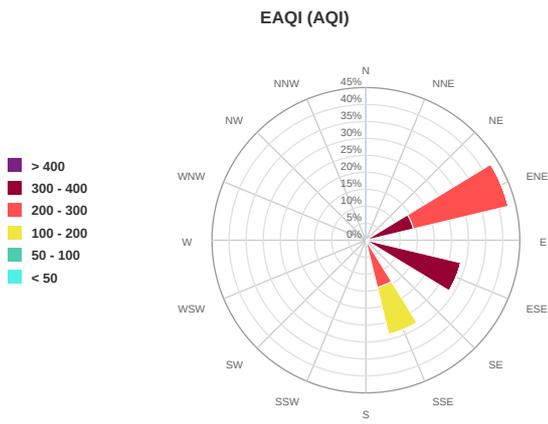
Pressure (hPa)



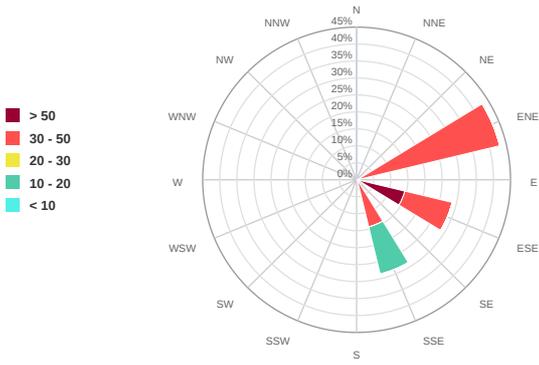
Temperature (°C)



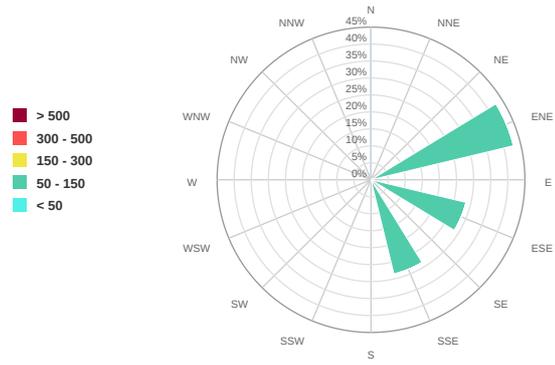
Media zilnică



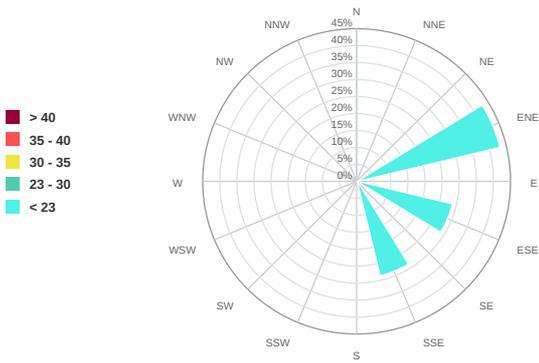
PM₁ (µg/m³)



PM₁₀₀ (µg/m³)



Temperature (°C)



Alerte

No alerts for the selected date and time range

Insights

- 24/01/2026, 23:59 **Predominantly Poor to Very Poor Air Quality:** The air quality was frequently 'Poor' or 'Very poor' during the observed period, with EAQI values often exceeding 200 and peaking at 326.
- 24/01/2026, 23:59 **Elevated PM_{2.5} Concentrations Impact Air Quality:** PM_{2.5} concentrations frequently fell within the 'Poor' to 'Very Poor' ranges, contributing significantly to the elevated EAQI values. It peaked at 56.3 µg/m³.
- 24/01/2026, 23:59 **High PM₁₀ Levels Contribute to Poor Air Quality:** PM₁₀ concentrations were consistently high, often exceeding 75 µg/m³, and even surpassing 100 µg/m³, further impacting the EAQI and air quality category.
- 24/01/2026, 23:59 **CO Levels Show High Concentration:** CO concentrations are high with peak at 726.55 ppb, and minimum value at 435.86 ppb, which could be correlated with the lower temperature and windspeed.
- 24/01/2026, 23:59 **Moderate Air Quality Improvement on Jan 24th:** On January 24th, the EAQI dropped to 186, resulting in a 'Moderate' air quality category, along with a decrease in the concentration of PM_{2.5} and PM₁₀.
- 24/01/2026, 23:59 **NO₂ Concentrations Generally Within 'Fair' to 'Moderate' Range:** NO₂ concentrations were mostly in the 'Fair' to 'Moderate' range, staying below 47.83 µg/m³ most of the time, except for the peak of 42.62 µg/m³.
- 24/01/2026, 23:59 **Low Ozone Levels Observed:** O₃ concentrations were generally low, falling within the 'Good' to 'Fair' range, with several days showing values below 25.47 µg/m³.
- 24/01/2026, 23:59 **SO₂ Levels Remain Low Throughout the Period:** SO₂ levels remained consistently low, always within the 'Good' range (below 38.17 ppb), indicating minimal contribution to overall air pollution from this source.
- 24/01/2026, 23:59 **Temperature Fluctuation Impacts Air Quality:** Lower temperatures (below 0°C) appeared to correlate with poorer air quality, while a rise in temperature to 5.93°C corresponded with better air quality.
- 24/01/2026, 23:59 **Wind Speed Fluctuations and Air Quality Correlation:** Higher wind speeds, such as 4.42 m/s, coincided with improved air quality, suggesting wind dispersal of pollutants. Lower speed is associated with poor 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	269	21.29	14.07	0.53	42.25	82.83
19/01/2026, 23:59	312	19.27	11.63	0	51.25	105.56
20/01/2026, 23:59	245	19.93	14.35	0	34.88	72.39
21/01/2026, 23:59	279	22.55	13.02	0	44.07	89.36
22/01/2026, 23:59	310	21.72	5.44	0	51.97	104.79
23/01/2026, 23:59	326	22.65	4.21	0.34	56.3	110.52
24/01/2026, 23:59	186	15.3	9.21	0.44	22.1	48.55

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	1.6	161.75	100	601.5	74.96	37.4	105.67	1026.33	-1.7
19/01/2026, 23:59	1.48	119.37	100	630.01	72.02	42.24	134.77	1028.87	-2.68
20/01/2026, 23:59	1.77	67.97	100	555.92	73.53	32.03	97.86	1024.29	-2.27
21/01/2026, 23:59	1.53	73.34	100	599.36	76.45	41.01	117.69	1009.68	-2.53
22/01/2026, 23:59	1.09	66.46	100	701.23	73.86	48.97	139.87	997.1	2.22
23/01/2026, 23:59	1.75	122.31	100	726.55	77.84	53.11	138.41	996.74	3.89
24/01/2026, 23:59	4.42	154.44	100	435.86	74.52	19.41	66.39	999.41	5.93

Oizom will not be responsible for Environmental Data accuracy once Validated