

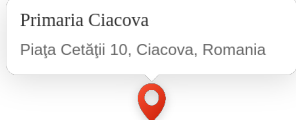
Primaria Ciacova

WEEKLY AIR-QUALITY REPORT

Timp de la: **24/05/2026, 00:00**
Timp până la: **31/05/2026, 00:00**

Numele dispozitivului: **Primaria Ciacova**
Locația dispozitivului: **Piața Cetății 10, Ciacova, Romania**

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



Media indicelui de calitate al aerului (ICA): **23**

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

	CAQI AQI	PM ₁₀ μg/m ³	PM _{2.5} μg/m ³	NO ₂ μg/m ³	O ₃ μg/m ³
Average	23	22.71	5.53	12.14	23.55
Maximum	28	27.06	7.88	13.73	28.01
Date	25/05/2026	25/05/2026	25/05/2026	30/05/2026	28/05/2026
Minimum	17	17.4	2.82	11.28	19.4
Date	29/05/2026	29/05/2026	29/05/2026	28/05/2026	25/05/2026

The data shown above is based on Media zilnică .

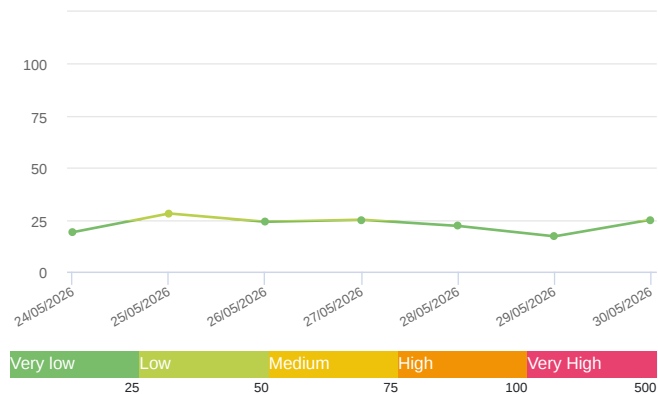
Prezentare generală zilnică: Alți parametri

	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO ₂ ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa
Average	243.74	25.7	2.99	346.55	100	0	43.68	3.71	34.48	1011.21
Maximum	270.42	28.2	4.47	359.01	100	0	47.55	6.07	40.35	1015.68
Date	25/05/2026	27/05/2026	28/05/2026	28/05/2026	24/05/2026	24/05/2026	25/05/2026	25/05/2026	30/05/2026	25/05/2026
Minimum	217.54	22.51	2.51	277.54	100	0	36.6	1.49	28.26	1007.03
Date	29/05/2026	29/05/2026	27/05/2026	27/05/2026	24/05/2026	24/05/2026	29/05/2026	29/05/2026	24/05/2026	28/05/2026

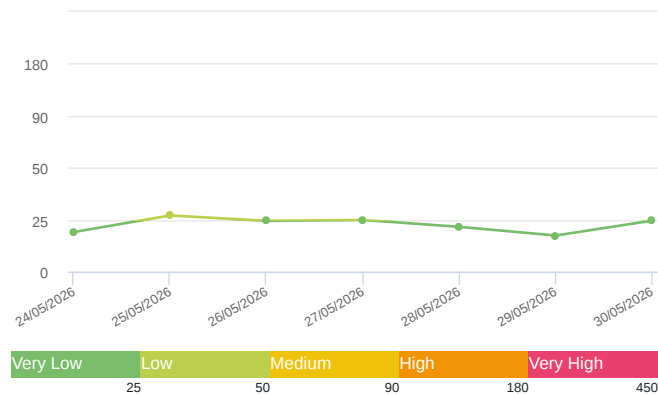
The data shown above is based on Media zilnică .

Media zilnică

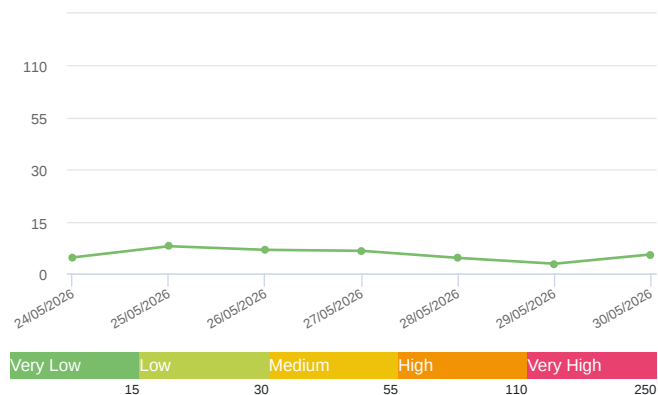
CAQI (AQI)



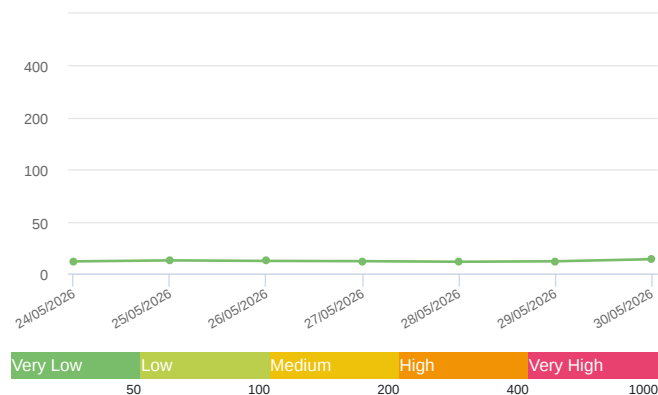
PM₁₀ (μg/m³)



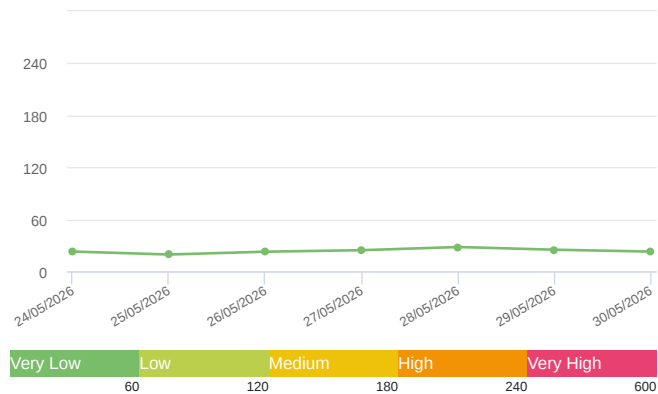
PM_{2.5} (μg/m³)



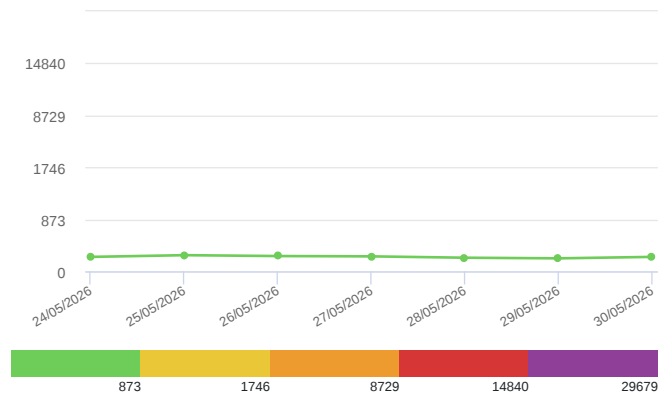
NO₂ (μg/m³)



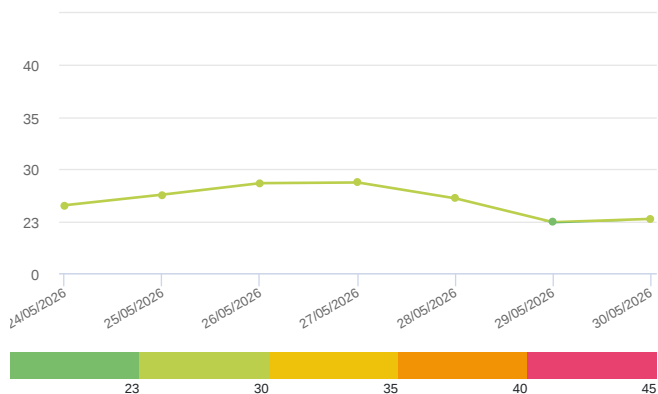
O₃ (μg/m³)



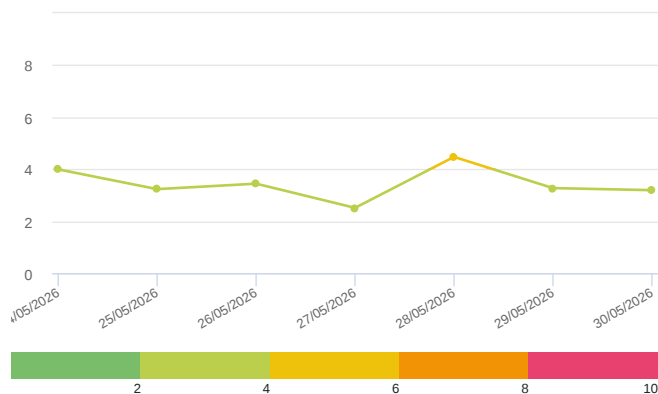
CO (ppb)



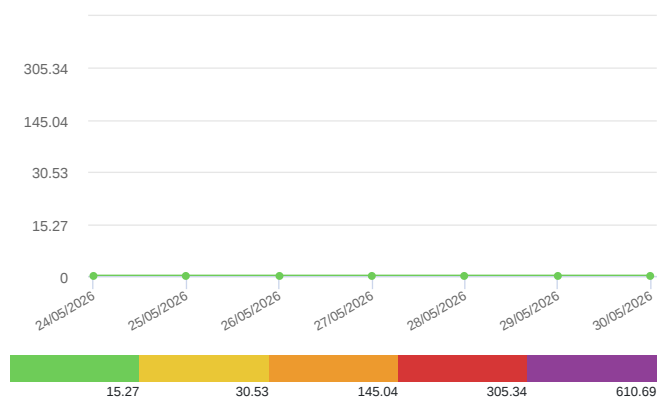
Temperature (°C)



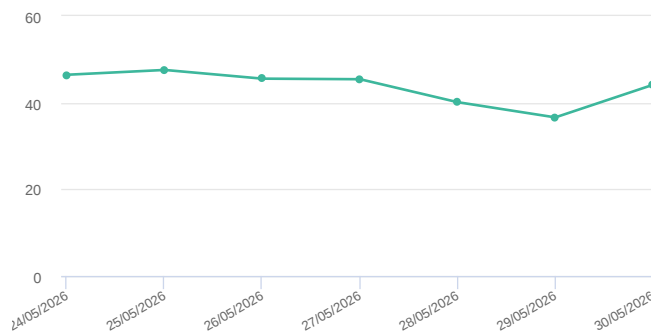
Wind Speed (m/s)



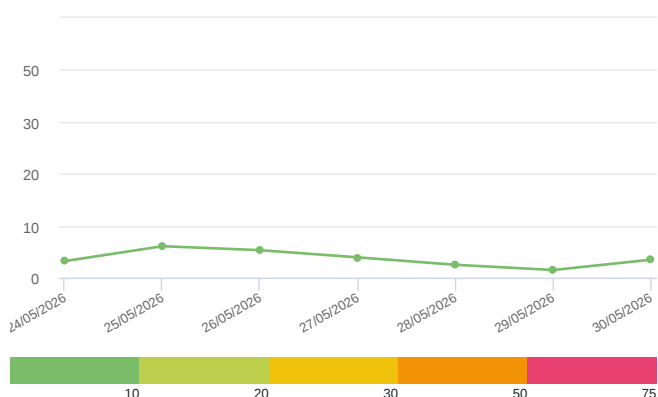
SO₂ (ppb)



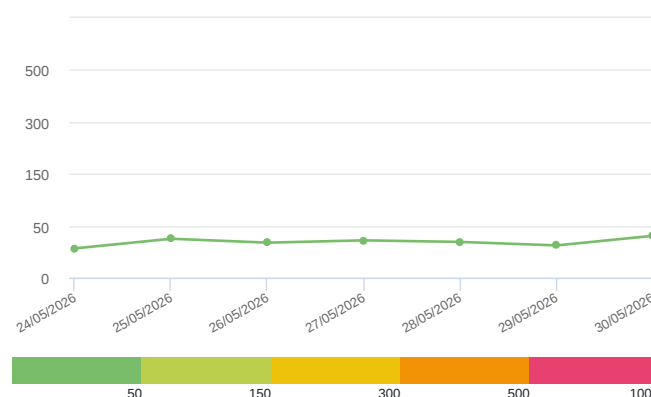
R. Humidity (%)



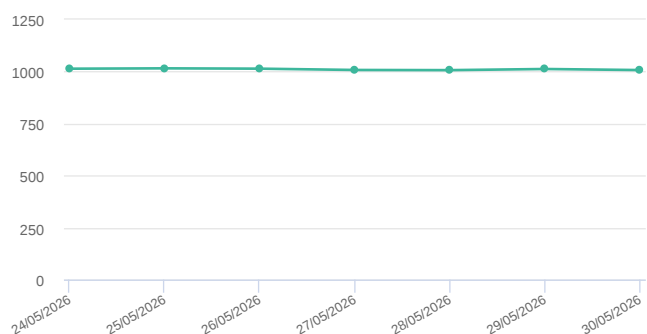
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)

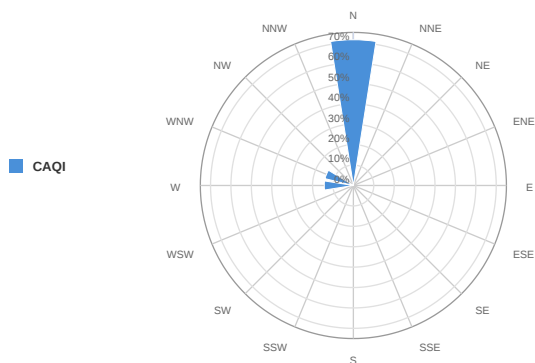


Pressure (HPa)

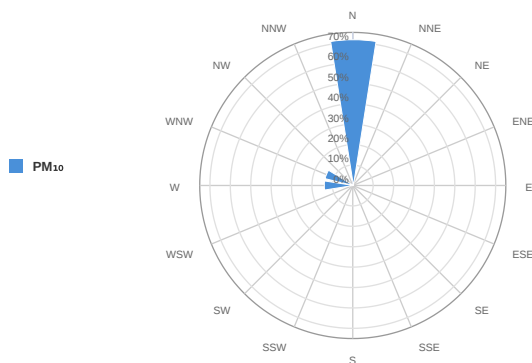


Media zilnică

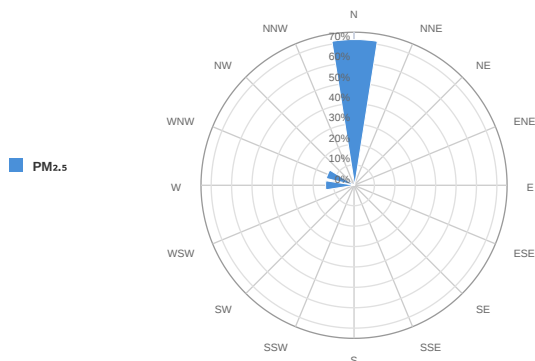
CAQI (AQI)



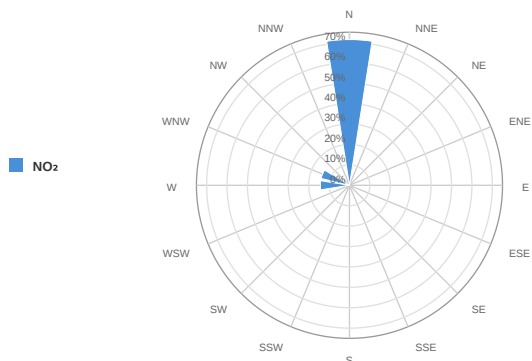
PM₁₀ (μg/m³)



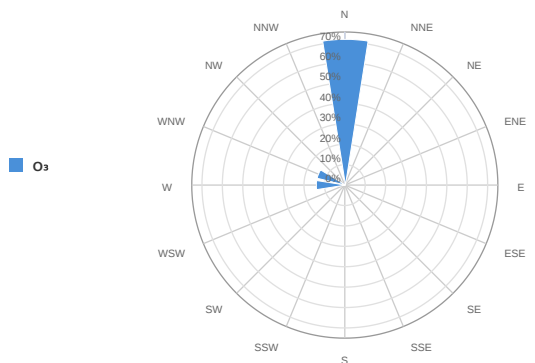
PM_{2.5} (μg/m³)



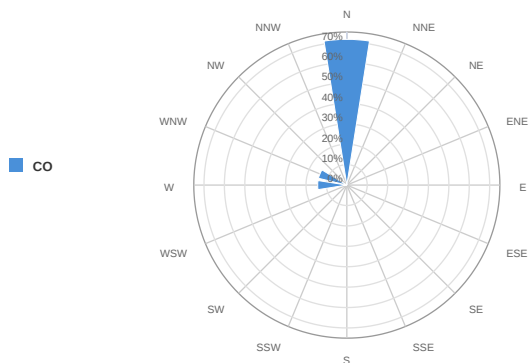
NO₂ (μg/m³)



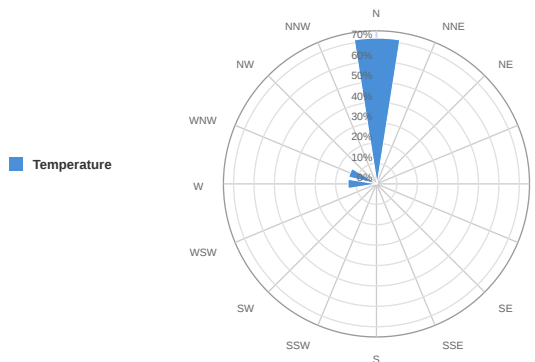
O₃ (μg/m³)



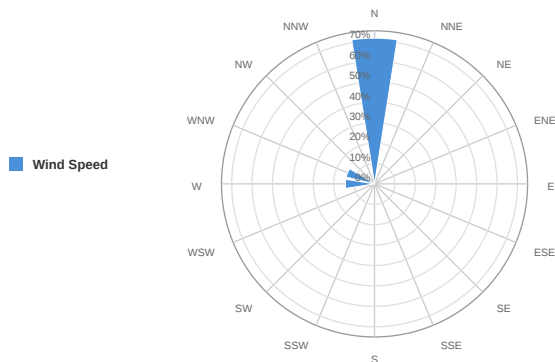
CO (ppb)



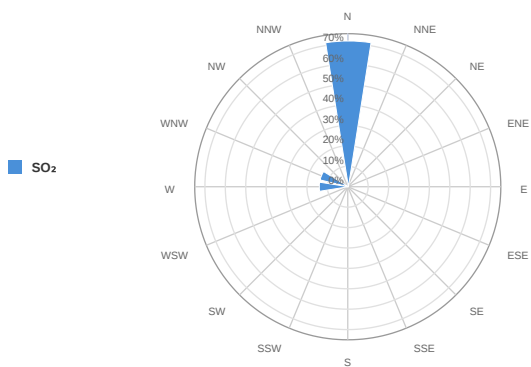
Temperature (°C)



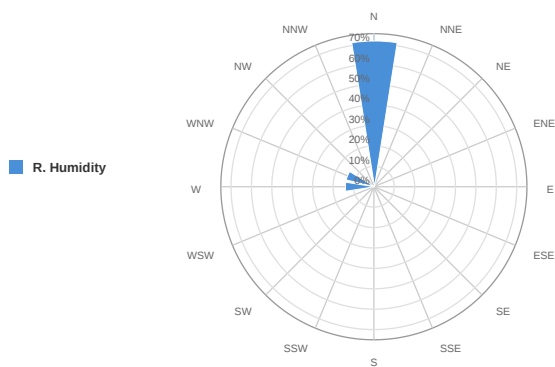
Wind Speed (m/s)



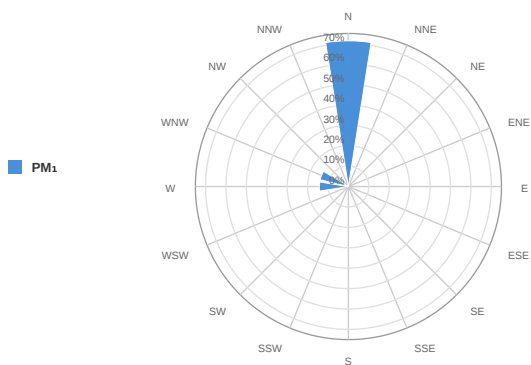
SO₂ (ppb)



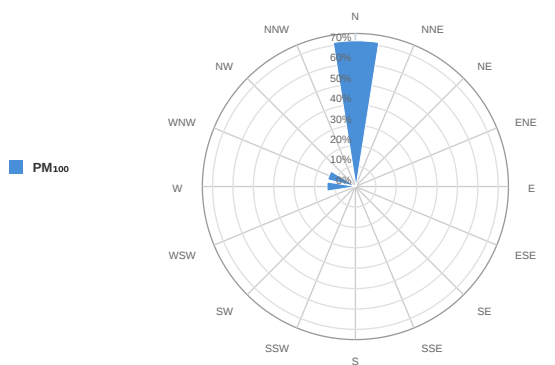
R. Humidity (%)



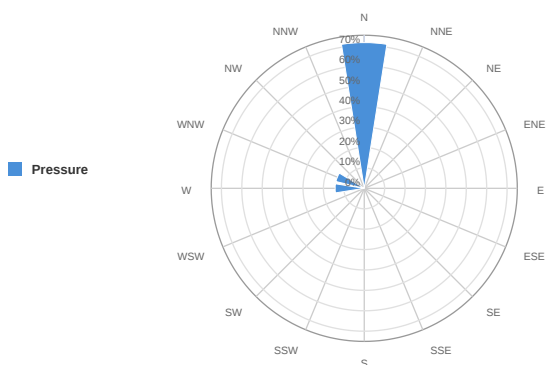
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 30/05/2026, 23:59 **Predominantly Very Low to Low Air Quality Days:** The CAQI remained primarily in the 'Very Low' to 'Low' range, indicating generally good air quality conditions across the observation period. The CAQI ranged from 19 to 28.
- 30/05/2026, 23:59 **PM_{2.5} Levels Consistently in Very Low Range:** PM_{2.5} concentrations were consistently in the 'Very Low' range (0 - 15 µg/m³), suggesting minimal fine particulate matter pollution. The highest value detected across the period was 7.88 µg/m³.
- 30/05/2026, 23:59 **PM₁₀ Levels in Very Low to Low Range:** PM₁₀ levels ranged from 17.4 to 27.06 µg/m³, placing them mostly in the 'Very Low' to 'Low' range, indicating low coarse particulate matter levels. This suggests good overall air quality regarding particulate matter.
- 30/05/2026, 23:59 **Nitrogen Dioxide (NO₂) within Very Low Range:** NO₂ concentrations remained within the 'Very Low' range (0 - 26.57 µg/m³) across all recorded instances, suggesting minimal nitrogen dioxide pollution. The range spans from 21.23 to 25.84 µg/m³.
- 30/05/2026, 23:59 **Ozone (O₃) Levels Consistently Low to Medium:** O₃ concentrations fluctuated within the 'Low' to 'Medium' range (30.57 - 91.69 µg/m³), with values ranging from 38.09 to 54.99 µg/m³. This indicates a moderate presence of ozone.
- 30/05/2026, 23:59 **Stable Wind Conditions Observed:** Wind speeds varied moderately from 2.51 to 4.47 m/s. Wind direction was predominantly from the north, with some shifts, potentially influencing pollutant dispersion.
- 30/05/2026, 23:59 **Minimal Sulfur Dioxide (SO₂) Detected:** SO₂ levels were consistently reported as 0 ppb across all observations, indicating very low or negligible sulfur dioxide pollution.
- 30/05/2026, 23:59 **Influence of Temperature on Air Quality:** Temperatures varied from 22.51 to 28.2°C. Further analysis could reveal how temperature affects ozone formation or dispersion of pollutants, but no acute impact is immediately evident.
- 30/05/2026, 23:59 **Consistent Humidity Levels:** Relative humidity remained fairly consistent, ranging from 36.6% to 47.55%. Changes in humidity could potentially impact the dispersion and behavior of particulate matter.
- 30/05/2026, 23:59 **Correlating Pressure with Air Quality:** Atmospheric pressure fluctuated between 1007.03 and 1015.68 hPa. Further analysis would be needed to establish if pressure correlates with concentrations of specific pollutants.

Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	CAQI AQI	PM ₁₀ μg/m ³	PM _{2.5} μg/m ³	NO ₂ μg/m ³	O ₃ μg/m ³
24/05/2026, 23:59	19	19.08	4.64	11.67	22.81
25/05/2026, 23:59	28	27.06	7.88	12.6	19.4
26/05/2026, 23:59	24	24.44	6.83	12.11	22.62
27/05/2026, 23:59	25	24.87	6.54	11.85	24.35
28/05/2026, 23:59	22	21.57	4.5	11.28	28.01
29/05/2026, 23:59	17	17.4	2.82	11.73	24.92
30/05/2026, 23:59	25	24.55	5.5	13.73	22.72

Alți parametri

Media zilnică

To Date	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO ₂ ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa
24/05/2026, 23:59	241.56	25.14	3.99	357.15	100	0	46.44	3.21	28.26	1013.93
25/05/2026, 23:59	270.42	26.57	3.23	6.45	100	0	47.55	6.07	37.48	1015.68
26/05/2026, 23:59	255.53	28.11	3.44	359.96	100	0	45.54	5.3	33.76	1014.09
27/05/2026, 23:59	250.9	28.2	2.51	277.54	100	0	45.41	3.92	35.97	1007.85
28/05/2026, 23:59	228.27	26.06	4.47	359.01	100	0	40.11	2.49	34.44	1007.03
29/05/2026, 23:59	217.54	22.51	3.27	4.99	100	0	36.6	1.49	31.12	1012.49
30/05/2026, 23:59	241.99	23.3	3.19	300.86	100	0	44.12	3.47	40.35	1007.38

Oizom will not be responsible for Environmental Data accuracy once Validated