

Primaria Dumbravita

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Dumbravita**
Locația dispozitivului: **Parcul Central Dumbravita, Strada Petőfi Sándor 77, Dumbrăvița, Romania**

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

Primaria Dumbravita
Parcul Central Dumbravita, Strada
Petőfi Sándor 77, Dumbrăvița,
Romania



Media indicelui de calitate al aerului (ICA): **25**

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	25	24.51	7.55	34.01	8.36
Maximum	34	33.62	11.38	40.4	14.98
Date	27/05/2026	27/05/2026	27/05/2026	25/05/2026	28/05/2026
Minimum	16	16.19	4.66	28.94	0.92
Date	24/05/2026	24/05/2026	29/05/2026	29/05/2026	25/05/2026

The data shown above is based on Media zilnică .

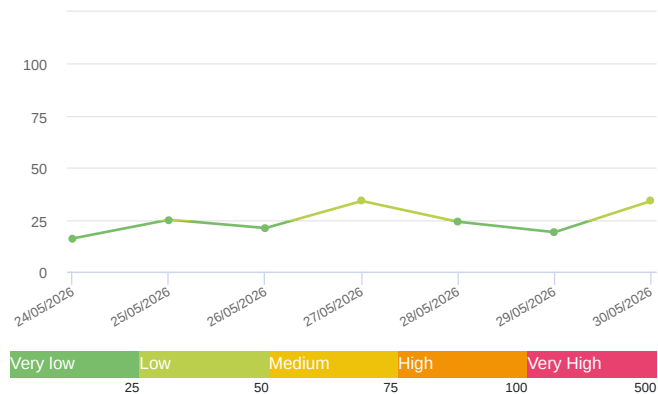
Prezentare generală zilnică: Alți parametri

	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	352.52	23.82	2.99	355.3	100	1.81	48.73	5.02	41.07	1009.37
Maximum	384.74	27.3	4.79	13.48	100	3.13	52.73	7.81	53.4	1013.83
Date	25/05/2026	27/05/2026	28/05/2026	28/05/2026	24/05/2026	29/05/2026	25/05/2026	30/05/2026	30/05/2026	25/05/2026
Minimum	325.94	20.44	2.01	286.94	100	0.62	42.53	2.84	30.15	1005.32
Date	29/05/2026	29/05/2026	27/05/2026	27/05/2026	24/05/2026	27/05/2026	29/05/2026	29/05/2026	24/05/2026	28/05/2026

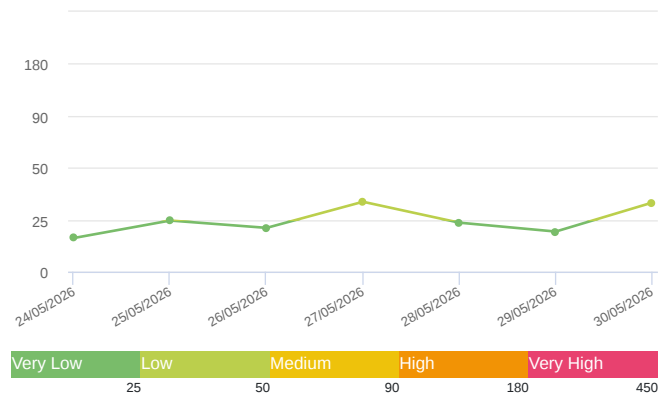
The data shown above is based on Media zilnică .

Media zilnică

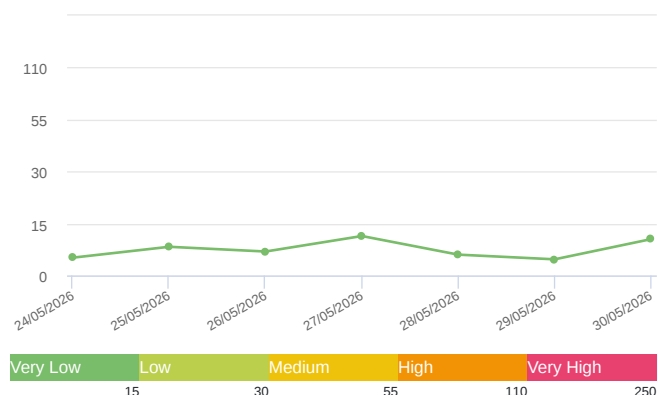
CAQI (AQI)



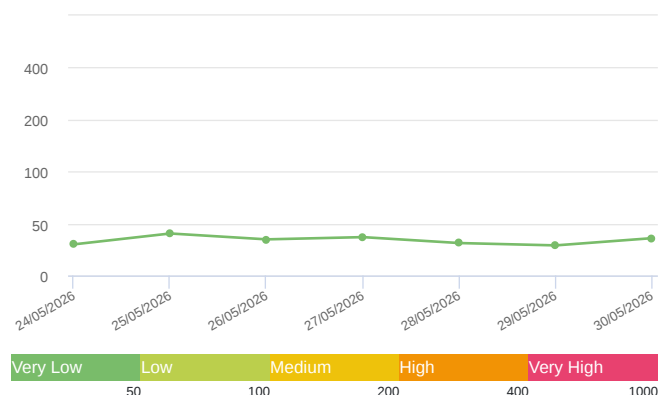
PM₁₀ (μg/m³)



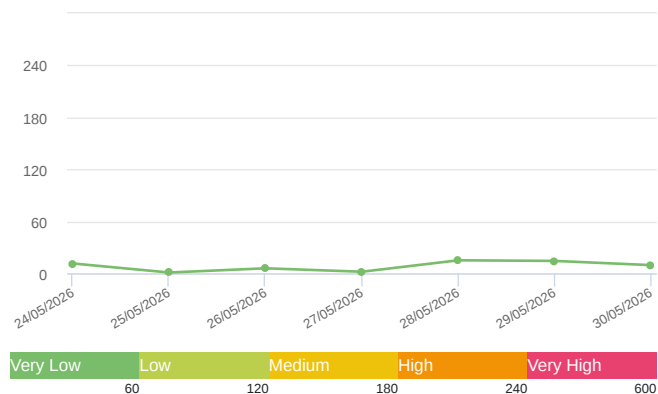
PM_{2.5} (μg/m³)



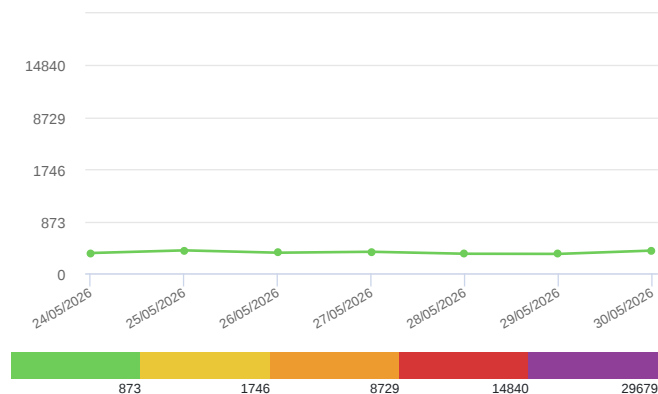
NO₂ (μg/m³)



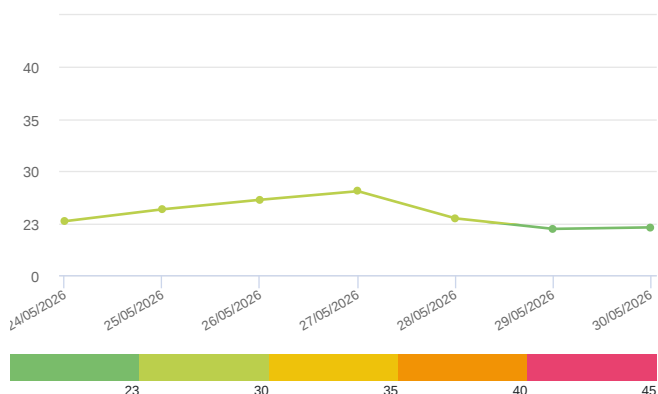
O₃ (μg/m³)



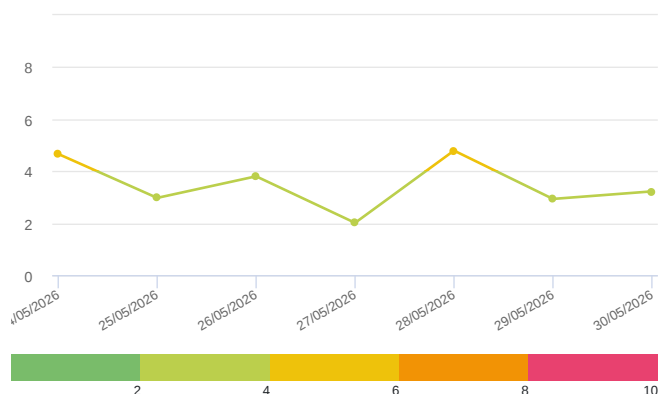
CO (ppb)



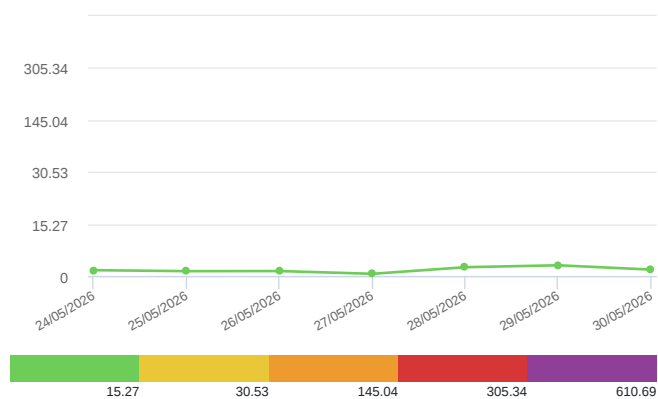
Temperature (°C)



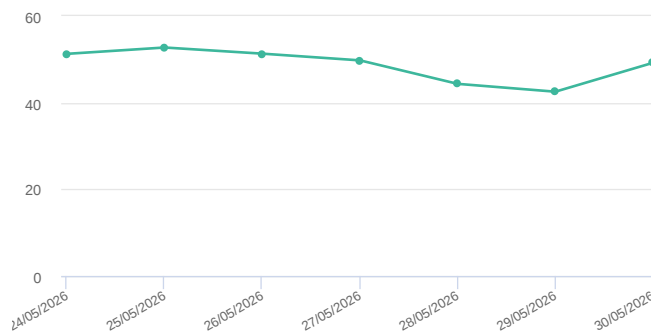
Wind Speed (m/s)



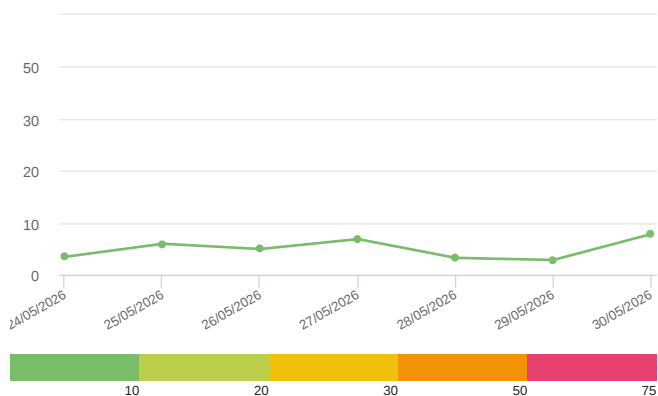
SO₂ (ppb)



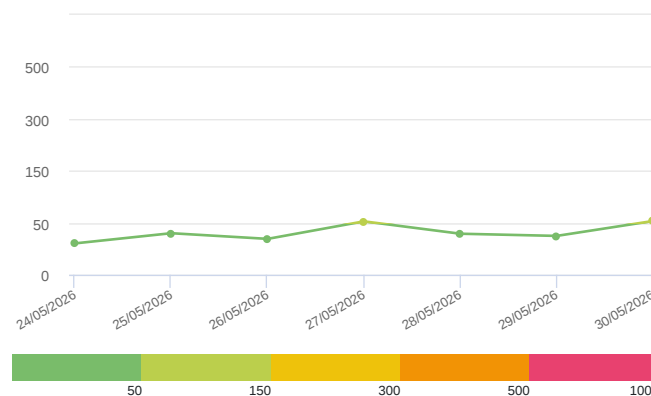
R. Humidity (%)



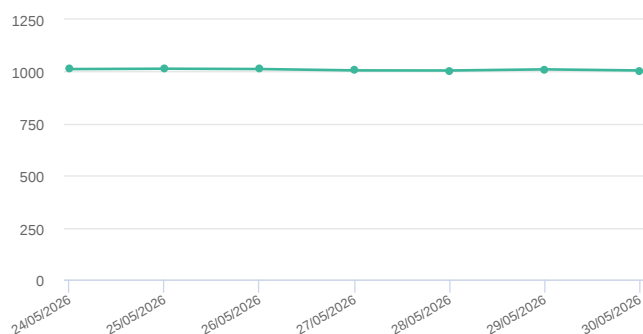
PM₁ (μg/m³)



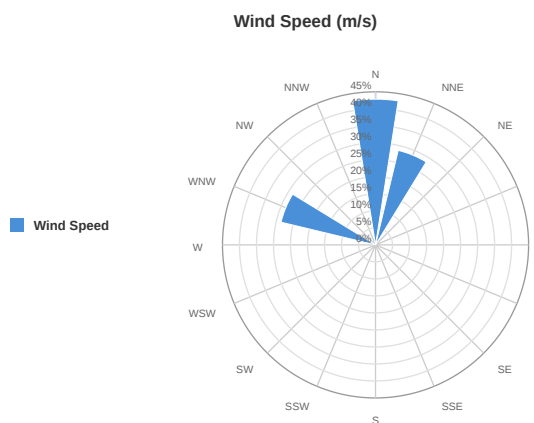
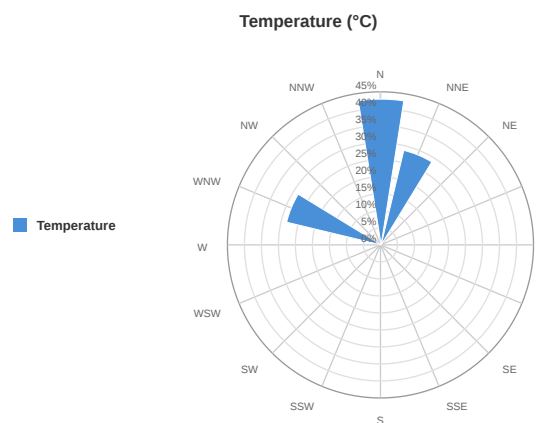
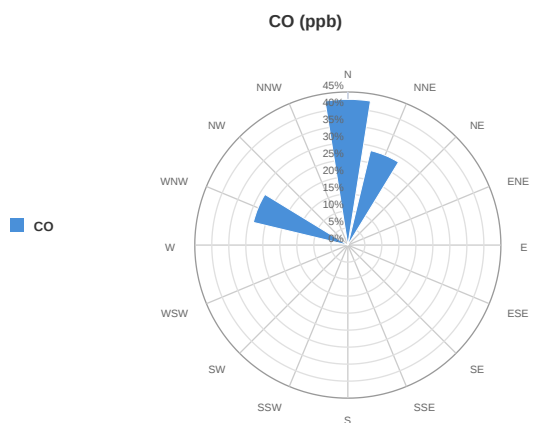
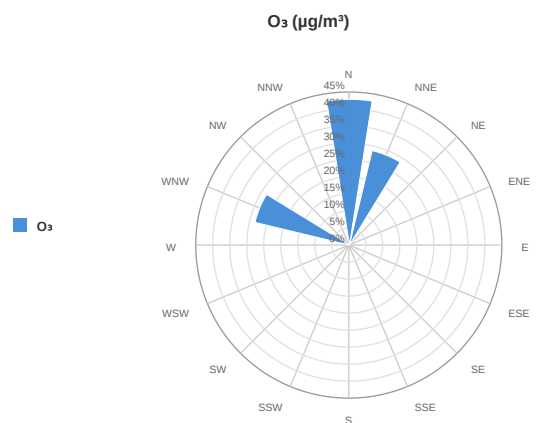
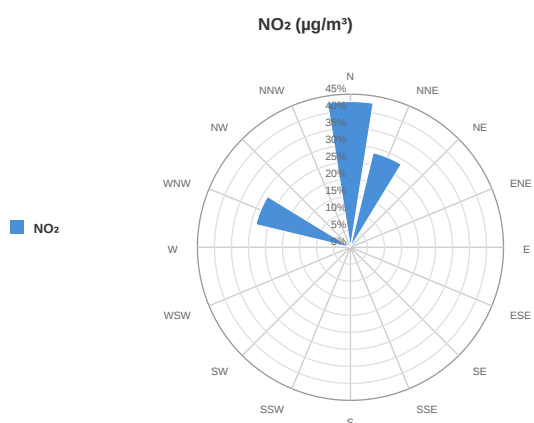
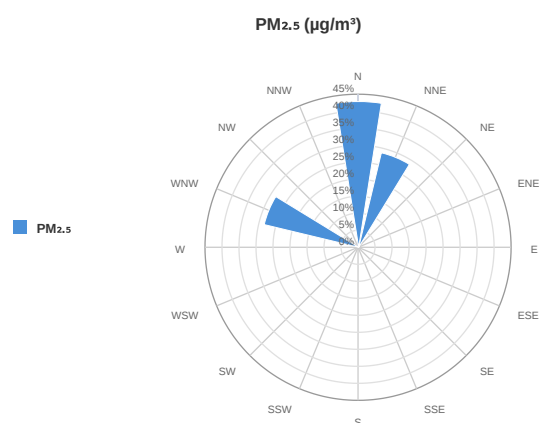
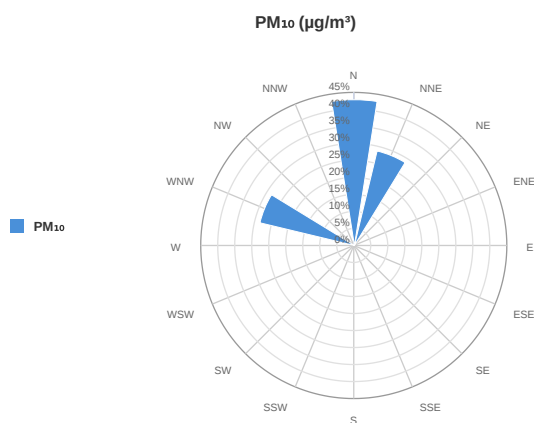
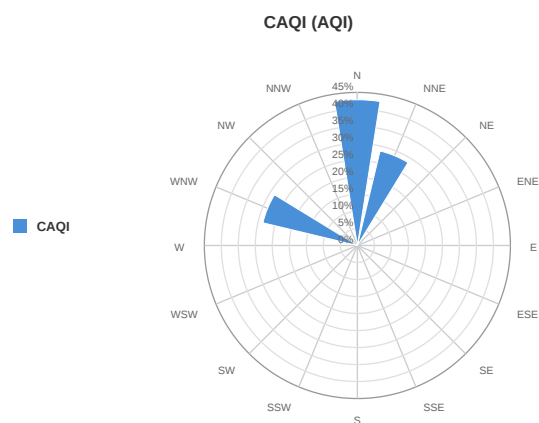
PM₁₀₀ (μg/m³)



Pressure (hPa)

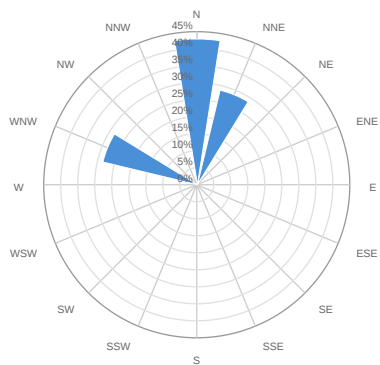


Media zilnică



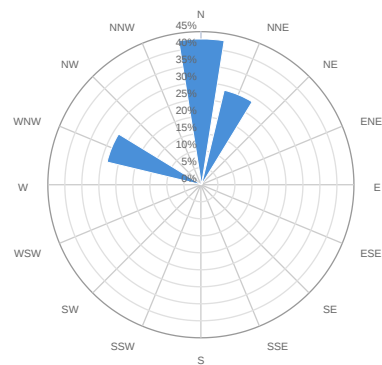
SO₂ (ppb)

■ SO₂



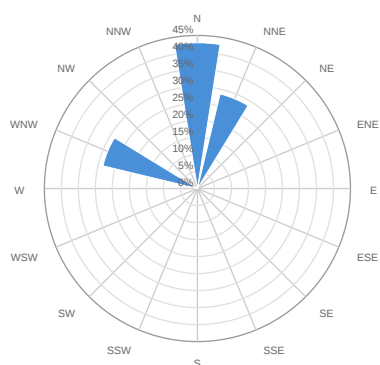
R. Humidity (%)

■ R. Humidity



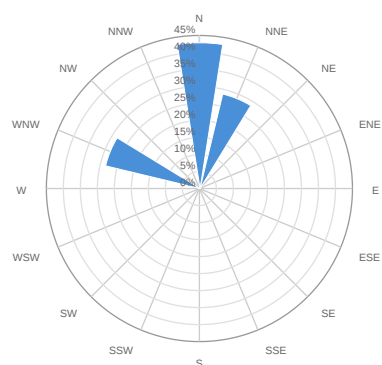
PM₁ (μg/m³)

■ PM₁



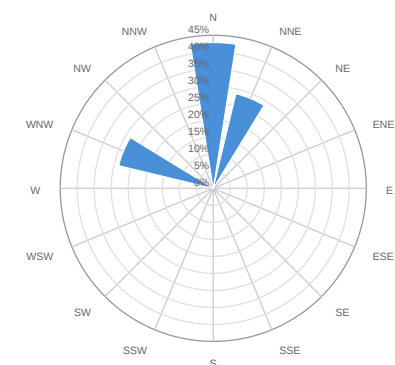
PM₁₀₀ (μg/m³)

■ PM₁₀₀



Pressure (HPa)

■ Pressure



Alerte

No alerts for the selected date and time range

Insights

- 30/05/2026, 23:59 **Air Quality Consistently Low Across Analyzed Period:** The CAQI consistently falls within the 'Low' range (26-50) throughout the entire analyzed period, indicating generally acceptable air quality. Values range from 28 to 38.
- 25/05/2026, 23:59 **Nitrogen Dioxide Levels Predominantly Medium Range:** NO₂ levels are mostly in the 'Medium' range (53.15-106.28 µg/m³). The highest recorded NO₂ concentration is 76.02 µg/m³ on May 25, 2026.
- 25/05/2026, 23:59 **Ozone Levels Primarily Very Low, Some Low:** O₃ concentrations are predominantly in the 'Very Low' range (0-30.56 µg/m³), with a few instances falling into the 'Low' range. Minimum ozone is on May 25, 2026 at 1.81 µg/m³.
- 27/05/2026, 23:59 **PM_{2.5} Levels Indicate Very Low Air Pollution:** PM_{2.5} concentrations are consistently in the 'Very Low' range (0-15 µg/m³). The highest PM_{2.5} level observed is 11.38 µg/m³ on May 27, 2026.
- 27/05/2026, 23:59 **PM₁₀ Levels Indicate Low to Medium Air Quality:** PM₁₀ levels range from 'Low' to 'Medium' (16.19 to 33.62 µg/m³), suggesting a moderate level of particulate matter pollution. Highest PM₁₀ is on May 27, 2026.
- 30/05/2026, 23:59 **Wind Speed Variation and Directional Changes:** Wind speeds fluctuate between 2.01 and 4.79 m/s. Wind direction varies significantly, ranging from 1.78 to 296.52 degrees, potentially influencing pollutant dispersion.
- 30/05/2026, 23:59 **Relative Humidity Fluctuations Impact Air Quality:** Relative humidity varies from 42.53% to 52.73%. Higher humidity can sometimes exacerbate the effects of air pollutants, affecting the perceived air quality.
- 30/05/2026, 23:59 **Temperature Fluctuation and its Impact:** Temperature ranged from 20.44°C to 27.3°C. The increase in temperatures may affect the formation of ground-level ozone and other pollutants.
- 30/05/2026, 23:59 **Consistent Battery Levels Indicate Reliable Data:** The battery percentage remains consistently at 100% across all data points, suggesting reliable and uninterrupted data collection from the monitoring device.
- 30/05/2026, 23:59 **Pressure Remains Relatively Stable:** Atmospheric pressure shows minimal fluctuation, ranging from 1005.32 hPa to 1013.83 hPa, indicating stable weather conditions during the observed period.

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	16	16.19	5.15	29.97	11.34
25/05/2026, 23:59	25	24.6	8.28	40.4	0.92
26/05/2026, 23:59	21	21.07	6.91	34.77	5.77
27/05/2026, 23:59	34	33.62	11.38	36.89	1.77
28/05/2026, 23:59	24	23.57	6.01	31.21	14.98
29/05/2026, 23:59	19	19.3	4.66	28.94	14.3
30/05/2026, 23:59	34	33.2	10.49	35.89	9.43

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	340.17	23.26	4.66	10.57	100	1.69	51.27	3.45	30.15	1012.09
25/05/2026, 23:59	384.74	24.86	2.97	13.71	100	1.41	52.73	5.96	39.96	1013.83
26/05/2026, 23:59	345.72	26.14	3.8	1.78	100	1.44	51.31	4.95	34.51	1012.31
27/05/2026, 23:59	361	27.3	2.01	286.94	100	0.62	49.76	6.86	52.65	1005.88
28/05/2026, 23:59	328.43	23.64	4.79	13.48	100	2.56	44.34	3.25	39.44	1005.32
29/05/2026, 23:59	325.94	20.44	2.93	5.74	100	3.13	42.53	2.84	37.33	1010.71
30/05/2026, 23:59	381.64	21.11	3.22	296.52	100	1.86	49.2	7.81	53.4	1005.43

Oizom will not be responsible for Environmental Data accuracy once Validated