

# Primaria Dumbravita

## WEEKLY AIR-QUALITY REPORT

Timp de la: **10/05/2026, 00:00**  
Timp până la: **17/05/2026, 00:00**

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

Parametrii: **CAQI , PM<sub>10</sub> , PM<sub>2.5</sub> , NO<sub>2</sub> , O<sub>3</sub> , CO , Temperature , Wind Speed , Wind Direction , SO<sub>2</sub> , R. Humidity , PM<sub>1</sub> , PM<sub>100</sub> , Pressure**

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



Media indicelui de calitate al aerului (ICA): **22**

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

	CAQI AQI	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	NO <sub>2</sub> μg/m <sup>3</sup>	O <sub>3</sub> μg/m <sup>3</sup>
<b>Average</b>	22	21.58	7.12	27.72	16.94
<b>Maximum</b>	27	25.57	10.07	35.98	29.27
<b>Date</b>	14/05/2026	14/05/2026	10/05/2026	10/05/2026	13/05/2026
<b>Minimum</b>	18	17.93	5.58	14.84	4
<b>Date</b>	12/05/2026	16/05/2026	16/05/2026	13/05/2026	10/05/2026

The data shown above is based on Media zilnică .

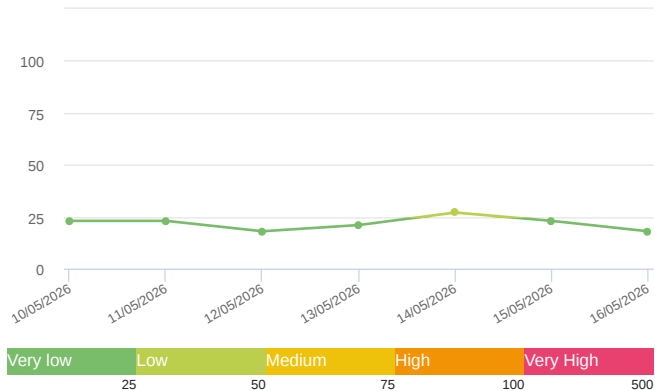
## Prezentare generală zilnică: Alți parametri

	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO <sub>2</sub> ppb	R. Humidity %	PM <sub>1</sub> μg/m <sup>3</sup>	PM <sub>100</sub> μg/m <sup>3</sup>	Pressure HPa
<b>Average</b>	337.17	17.42	1.57	200.15	100	2.4	64.75	5.37	37.9	995.48
<b>Maximum</b>	348.49	21	5.33	304.75	100	2.62	75.14	8.57	47.08	1003.2
<b>Date</b>	15/05/2026	10/05/2026	13/05/2026	13/05/2026	10/05/2026	11/05/2026	16/05/2026	10/05/2026	14/05/2026	10/05/2026
<b>Minimum</b>	314.4	12.92	1.63	136.5	100	2.13	57.2	3.91	32.54	990.07
<b>Date</b>	13/05/2026	13/05/2026	10/05/2026	10/05/2026	10/05/2026	15/05/2026	14/05/2026	16/05/2026	12/05/2026	16/05/2026

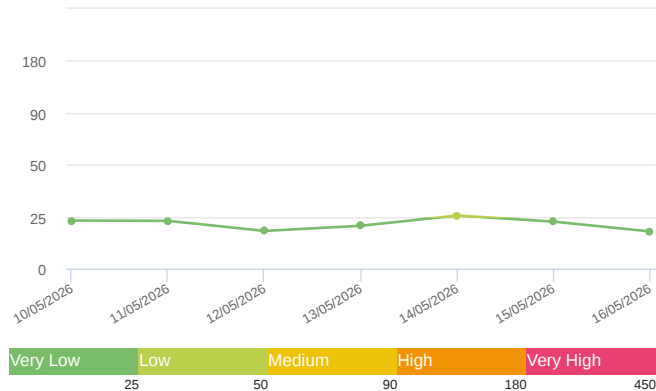
The data shown above is based on Media zilnică .

Media zilnică

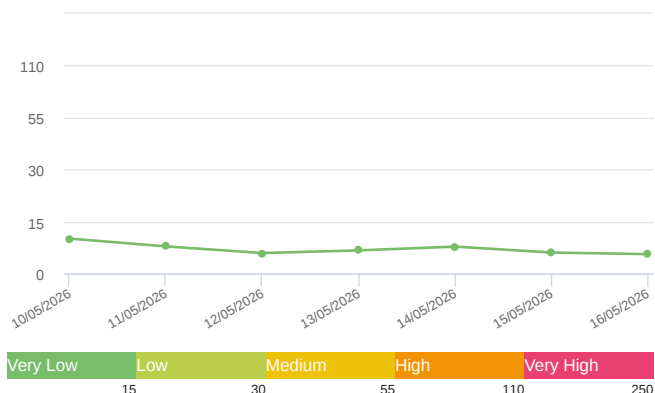
CAQI (AQI)



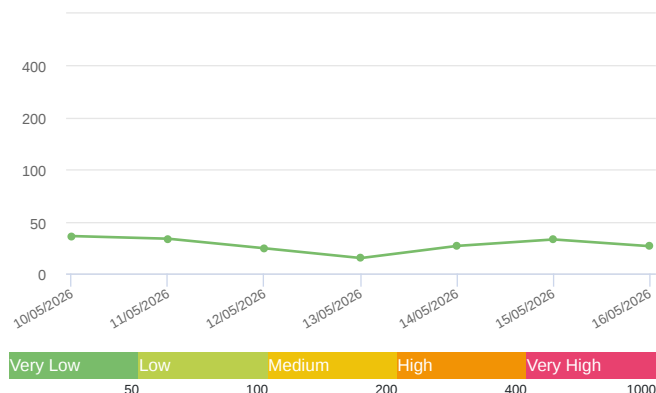
PM<sub>10</sub> (μg/m<sup>3</sup>)



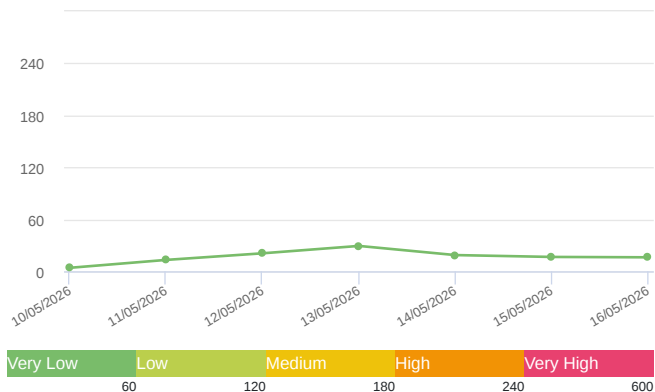
PM<sub>2.5</sub> (μg/m<sup>3</sup>)



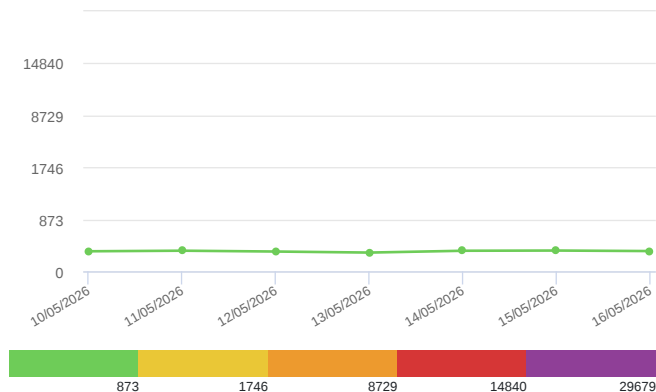
NO<sub>2</sub> (μg/m<sup>3</sup>)



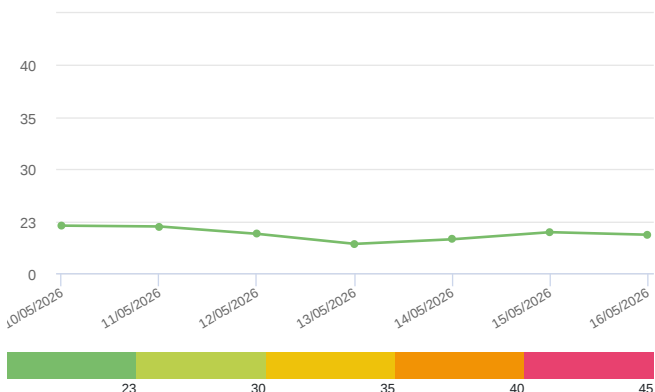
O<sub>3</sub> (μg/m<sup>3</sup>)



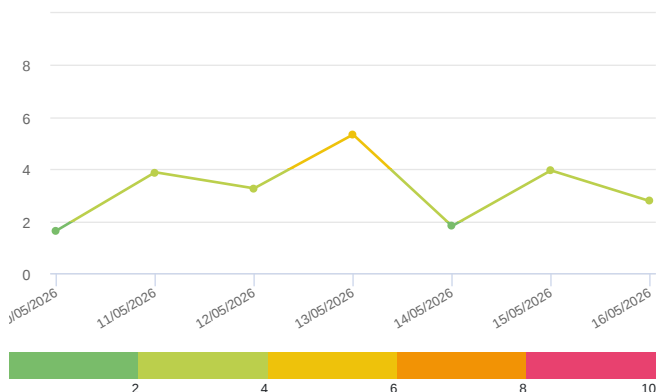
CO (ppb)



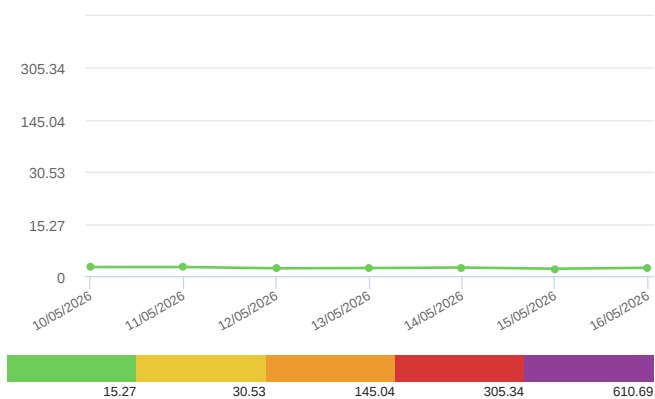
Temperature (°C)



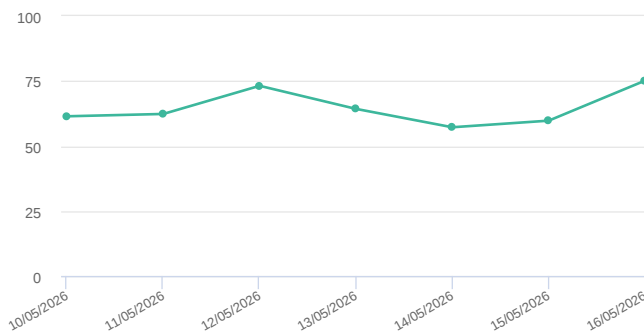
Wind Speed (m/s)



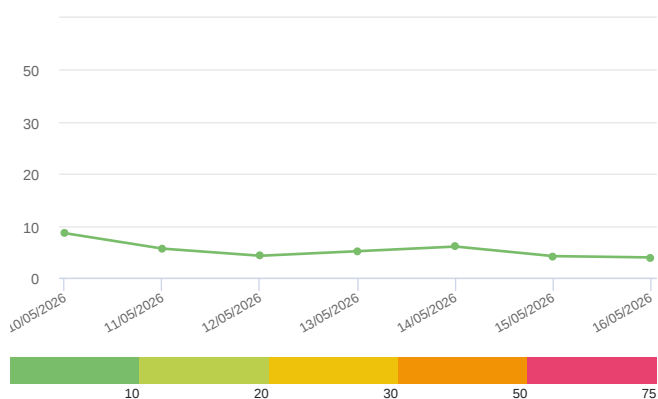
SO<sub>2</sub> (ppb)



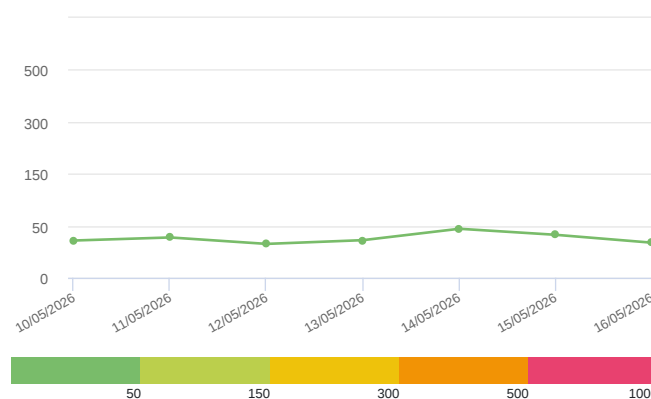
R. Humidity (%)



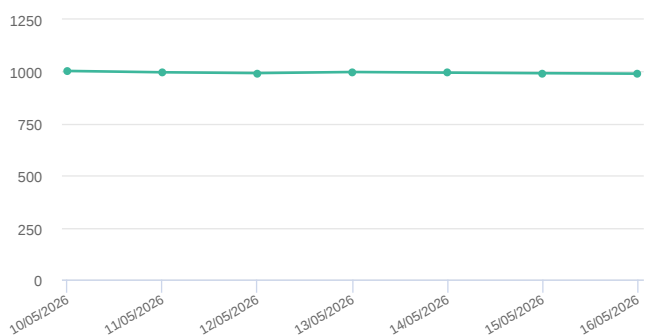
PM<sub>1</sub> (μg/m<sup>3</sup>)



PM<sub>100</sub> (μg/m<sup>3</sup>)

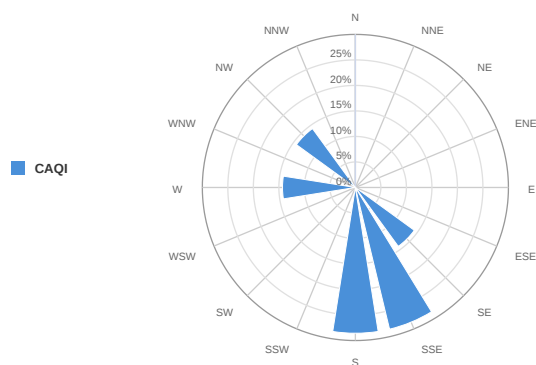


Pressure (hPa)

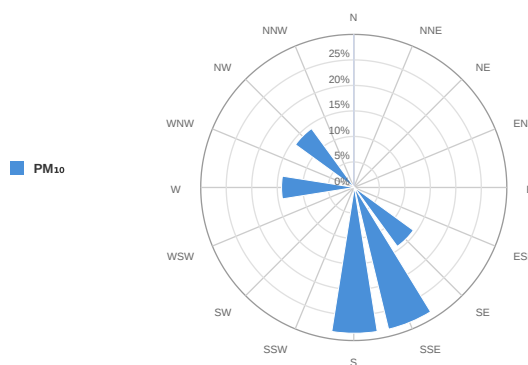


Media zilnică

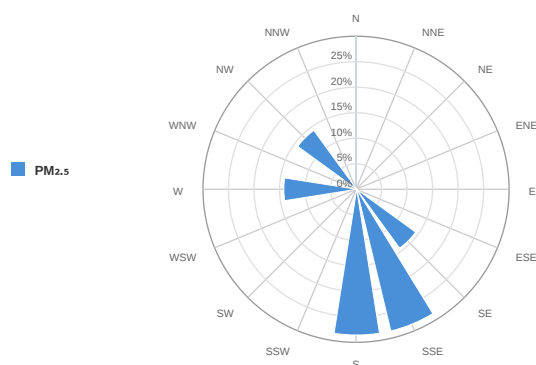
CAQI (AQI)



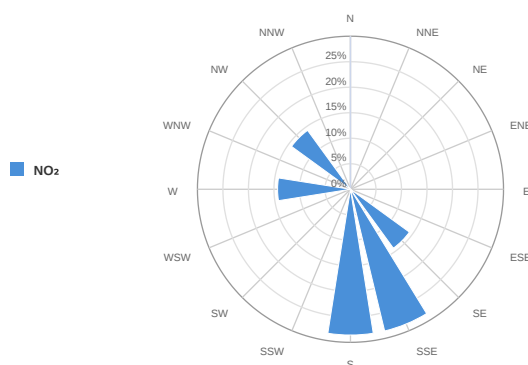
PM<sub>10</sub> (μg/m<sup>3</sup>)



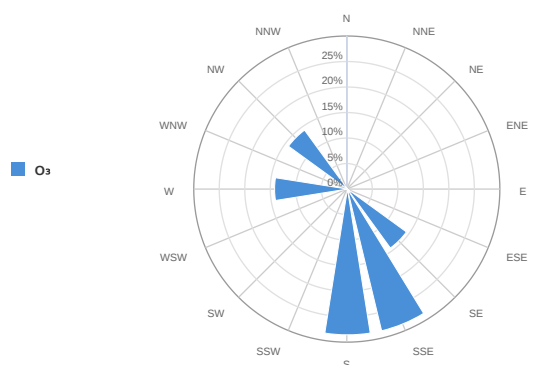
PM<sub>2.5</sub> (μg/m<sup>3</sup>)



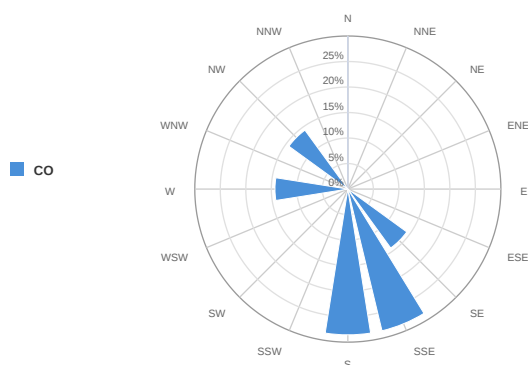
NO<sub>2</sub> (μg/m<sup>3</sup>)



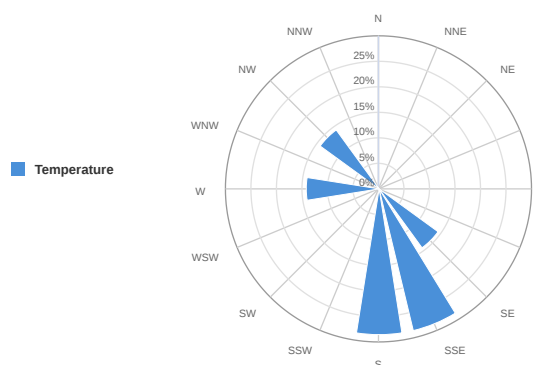
O<sub>3</sub> (μg/m<sup>3</sup>)



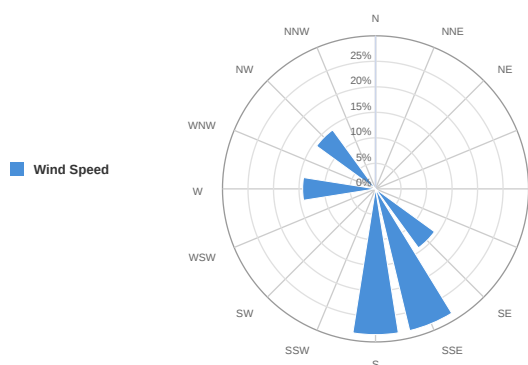
CO (ppb)



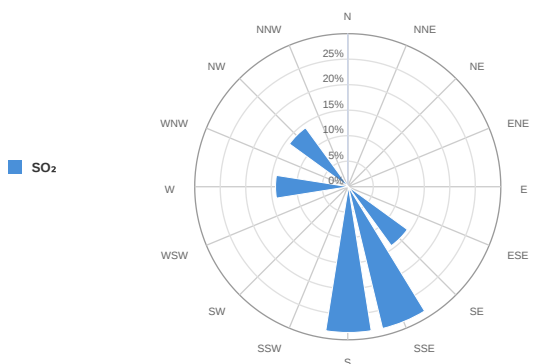
Temperature (°C)



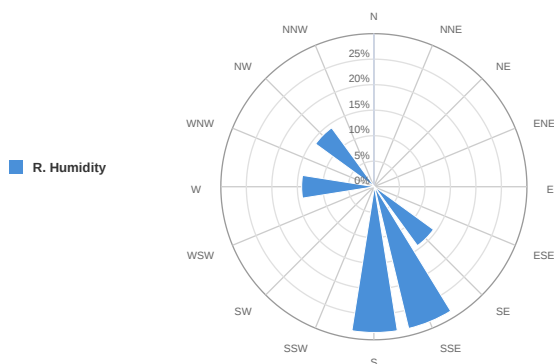
Wind Speed (m/s)



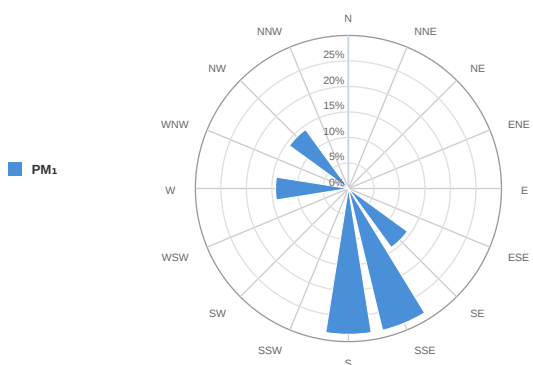
**SO<sub>2</sub> (ppb)**



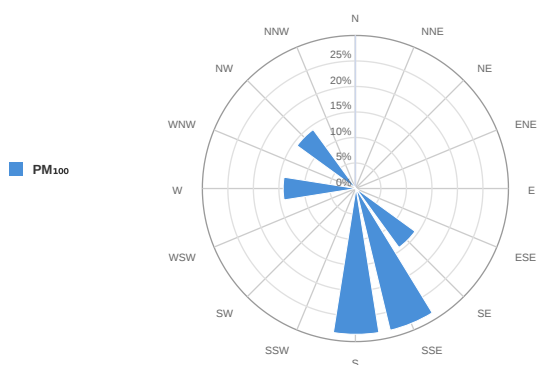
**R. Humidity (%)**



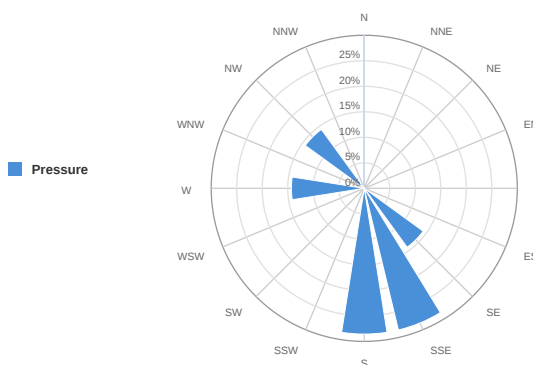
**PM<sub>1</sub> (μg/m<sup>3</sup>)**



**PM<sub>100</sub> (μg/m<sup>3</sup>)**



**Pressure (hPa)**



## Alerte

No alerts for the selected date and time range

## Insights

- 16/05/2026, 23:59 **CAQI remains in Very Low to Low range.**: The CAQI values varied between 23 and 34, staying within the 'Very Low' to 'Low' air quality zones, indicating relatively clean air during the observed period.
- 10/05/2026, 23:59 **Nitrogen Dioxide levels show medium contamination.**: NO<sub>2</sub> levels peaked at 67.71 μg/m<sup>3</sup>, reaching the 'Medium' zone based on established thresholds, which indicates a noticeable level of pollution from combustion sources.
- 13/05/2026, 23:59 **Ozone levels fluctuated, remaining in Very Low to Low.**: O<sub>3</sub> levels varied, with the highest value recorded at 57.46 μg/m<sup>3</sup>, remaining within the 'Low' range, suggesting moderate photochemical activity. The lowest ozone level was 7.85 μg/m<sup>3</sup>.
- 16/05/2026, 23:59 **Particulate Matter PM<sub>2.5</sub> consistently Very Low.**: PM<sub>2.5</sub> concentrations ranged from 5.58 to 10.07 μg/m<sup>3</sup>, indicating 'Very Low' levels. These values suggest relatively clean air with respect to fine particulate matter.
- 16/05/2026, 23:59 **PM<sub>10</sub> Concentrations are Low across all days.**: PM<sub>10</sub> concentrations stayed in the 'Low' range, ranging from 17.93 to 25.57 μg/m<sup>3</sup>, indicating relatively low levels of coarse particulate matter during the week.
- 16/05/2026, 23:59 **Wind speed variation might influence air quality.**: Wind speed varied between 1.63 and 5.33 m/s. Days with higher wind speeds (e.g., May 13) tend to have lower CAQI values, suggesting pollutant dispersion.
- 16/05/2026, 23:59 **Temperature exhibits a downward trend over time.**: The temperature decreased from 21°C on May 10 to 16.97°C on May 16. This temperature change could influence pollutant dispersion and chemical reactions.
- 16/05/2026, 23:59 **Humidity shows a generally increasing trend.**: Relative humidity increased from 61.42% to 75.14%. Elevated humidity could potentially affect the behavior and dispersion of certain air pollutants.
- 16/05/2026, 23:59 **Pressure fluctuates around 990-1000 HPa.**: Atmospheric pressure varied from 990.07 to 1003.2 HPa. The variations in pressure are relatively small during this period. Air pressure affects pollutant dispersion.
- 16/05/2026, 23:59 **Battery consistently at 100% during data.**: The battery level remained at 100% for all recorded data points. This indicates a reliable power source for the monitoring equipment.

## Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	CAQI AQI	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	NO <sub>2</sub> μg/m <sup>3</sup>	O <sub>3</sub> μg/m <sup>3</sup>
10/05/2026, 23:59	23	23.15	10.07	35.98	4
11/05/2026, 23:59	23	23	7.81	33.46	13.12
12/05/2026, 23:59	18	18.16	5.9	24.26	20.76
13/05/2026, 23:59	21	20.64	6.68	14.84	29.27
14/05/2026, 23:59	27	25.57	7.76	26.57	18.72
15/05/2026, 23:59	23	22.62	6.04	32.73	16.56
16/05/2026, 23:59	18	17.93	5.58	26.23	16.12

## Alți parametri

Media zilnică

To Date	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO <sub>2</sub> ppb	R. Humidity %	PM <sub>1</sub> μg/m <sup>3</sup>	PM <sub>100</sub> μg/m <sup>3</sup>	Pressure HPa
10/05/2026, 23:59	336.45	21	1.63	136.5	100	2.61	61.42	8.57	35.79	1003.2
11/05/2026, 23:59	345.35	20.62	3.88	179.23	100	2.62	62.32	5.6	38.74	996.7
12/05/2026, 23:59	331.75	17.37	3.26	264.61	100	2.25	73.14	4.23	32.54	992.94
13/05/2026, 23:59	314.4	12.92	5.33	304.75	100	2.32	64.27	5.11	36.16	998.05
14/05/2026, 23:59	344.41	14.97	1.81	149.3	100	2.47	57.2	6	47.08	995.08
15/05/2026, 23:59	348.49	18.09	3.95	170.04	100	2.13	59.74	4.16	41.31	992.33
16/05/2026, 23:59	339.32	16.97	2.77	157.66	100	2.39	75.14	3.91	33.71	990.07

Oizom will not be responsible for Environmental Data accuracy once Validated