

Primaria Dumbravita

WEEKLY AIR-QUALITY REPORT

Timp de la: **17/05/2026, 00:00**
Timp până la: **24/05/2026, 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): **20**

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	20	20.3	7.49	25.34	15.71
Maximum	23	23.47	10.2	29.38	19.66
Date	17/05/2026	20/05/2026	20/05/2026	22/05/2026	21/05/2026
Minimum	17	17.16	5.64	17.97	11.31
Date	22/05/2026	22/05/2026	23/05/2026	17/05/2026	23/05/2026

The data shown above is based on Media zilnică .

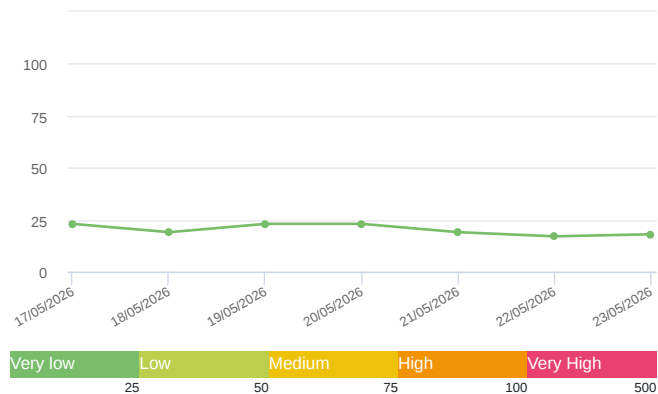
Prezentare generală zilnică: Alți parametri

	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	339.22	19.47	3.96	353.41	100	2.34	64.44	6.08	35.04	1005.53
Maximum	340.82	23.21	7.44	9.63	100	2.93	85.48	8.88	40.97	1011.1
Date	22/05/2026	23/05/2026	22/05/2026	22/05/2026	17/05/2026	19/05/2026	17/05/2026	20/05/2026	19/05/2026	23/05/2026
Minimum	337.65	15.86	1.49	348.67	100	1.58	54.52	3.77	31.6	994.08
Date	17/05/2026	17/05/2026	19/05/2026	19/05/2026	17/05/2026	22/05/2026	23/05/2026	23/05/2026	22/05/2026	17/05/2026

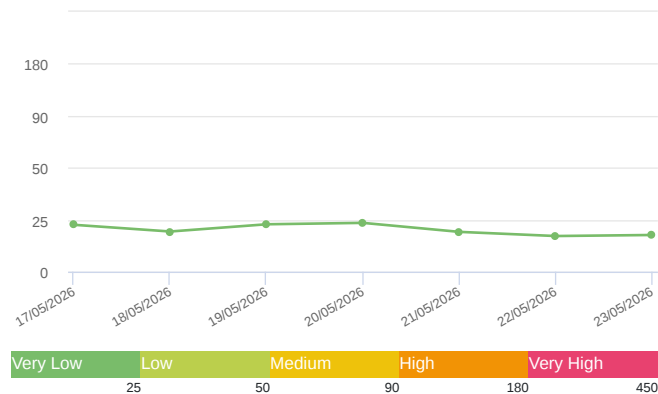
The data shown above is based on Media zilnică .

Media zilnică

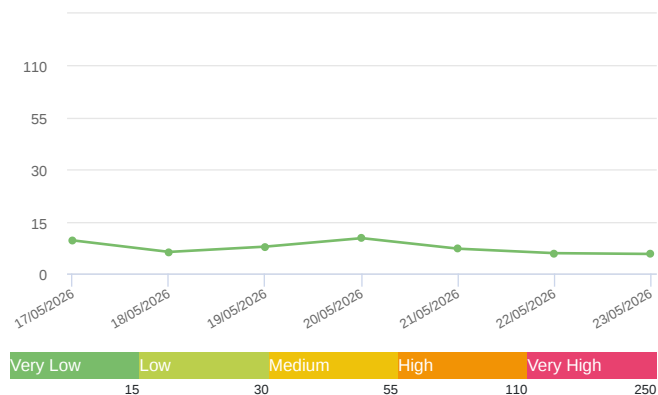
CAQI (AQI)



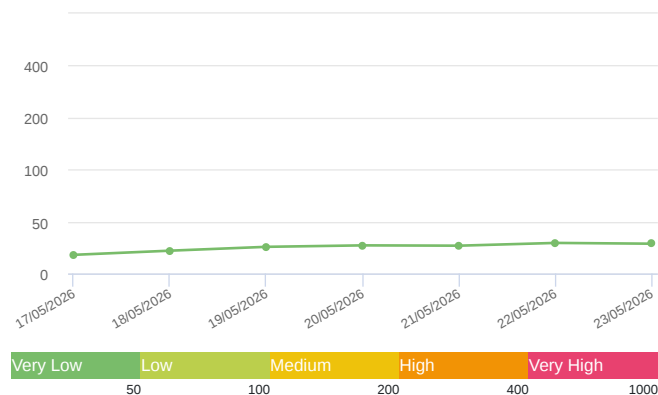
PM₁₀ (μg/m³)



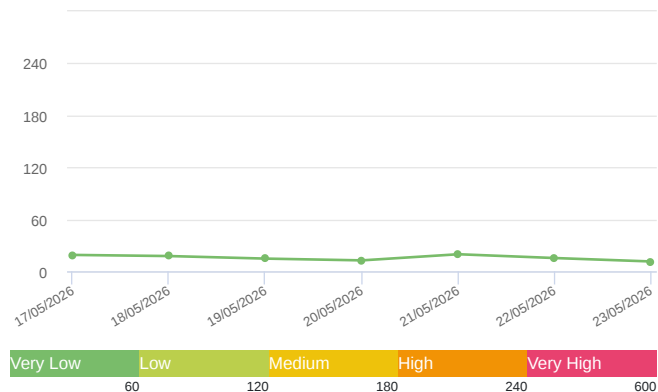
PM_{2.5} (μg/m³)



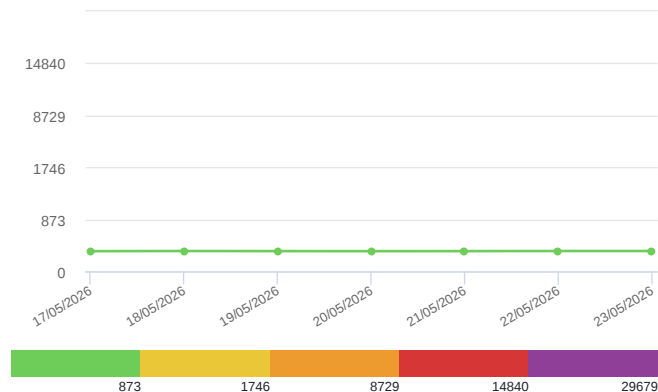
NO₂ (μg/m³)



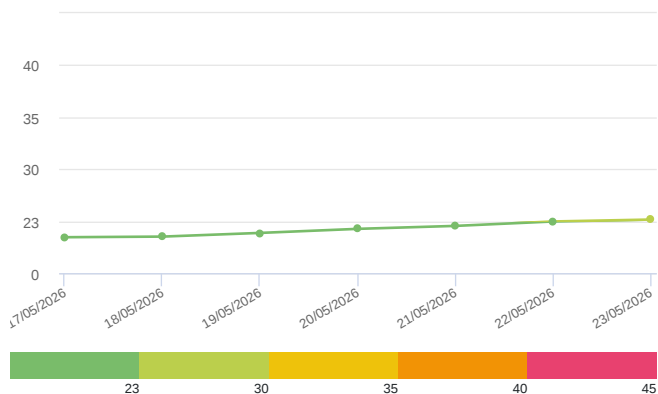
O₃ (μg/m³)



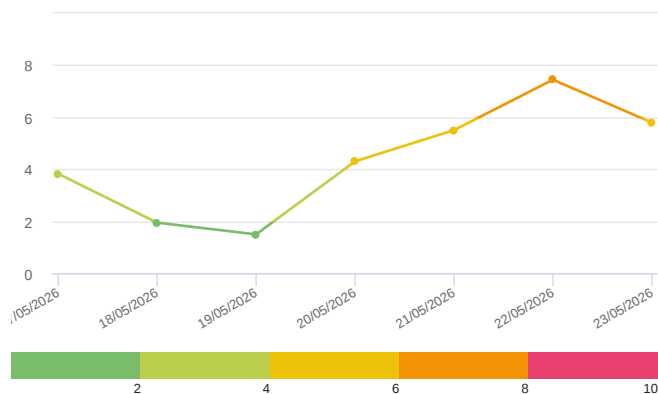
CO (ppb)



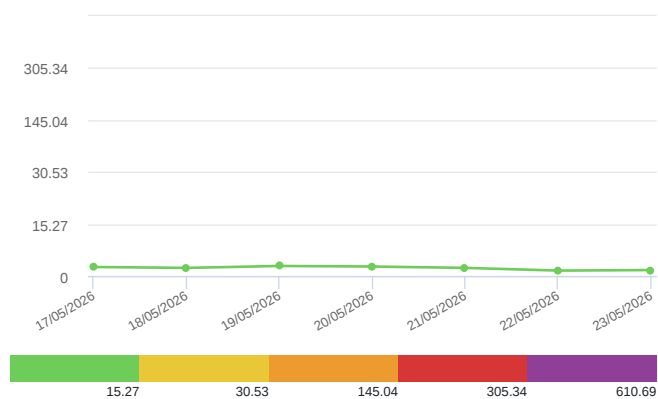
Temperature (°C)



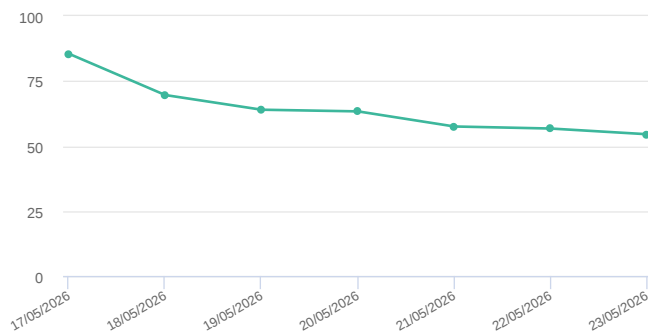
Wind Speed (m/s)



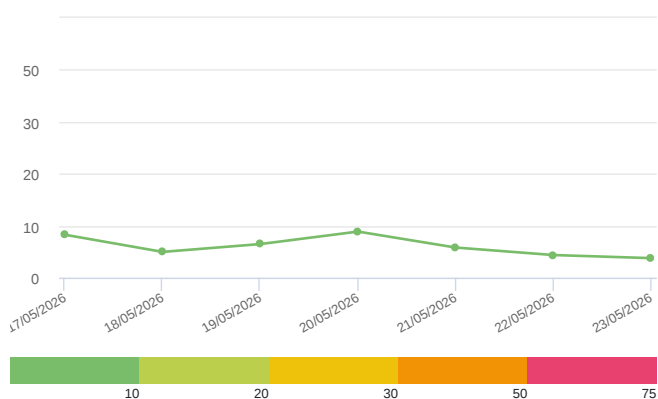
SO₂ (ppb)



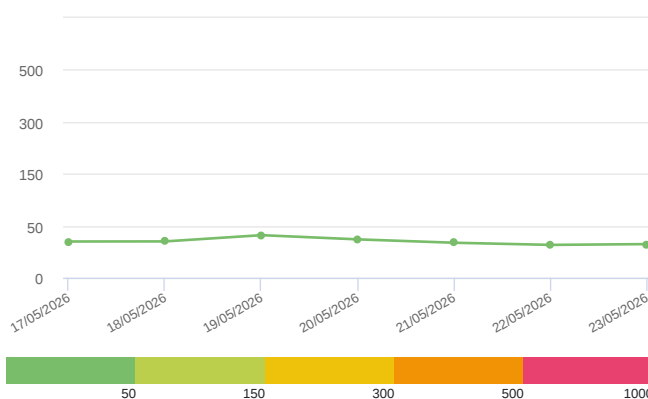
R. Humidity (%)



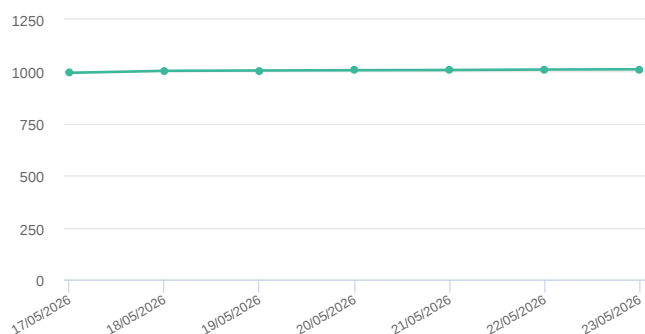
PM₁ (μg/m³)



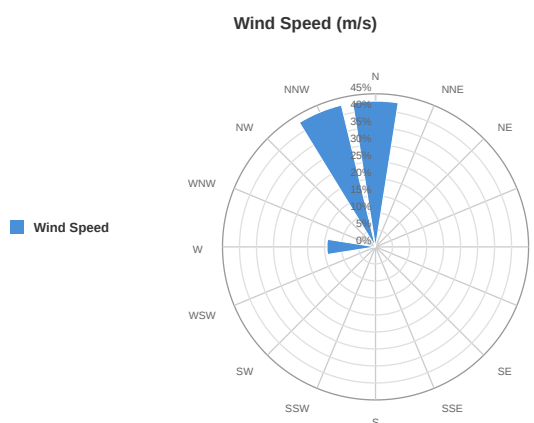
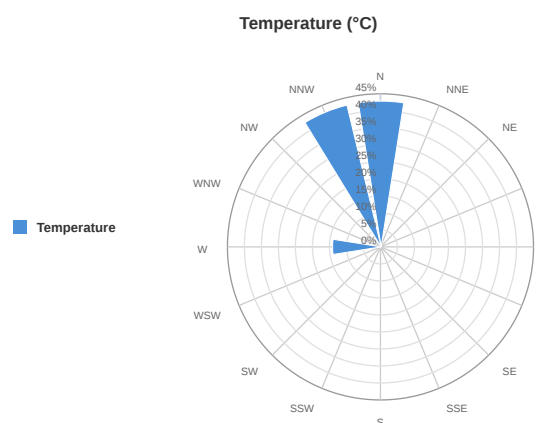
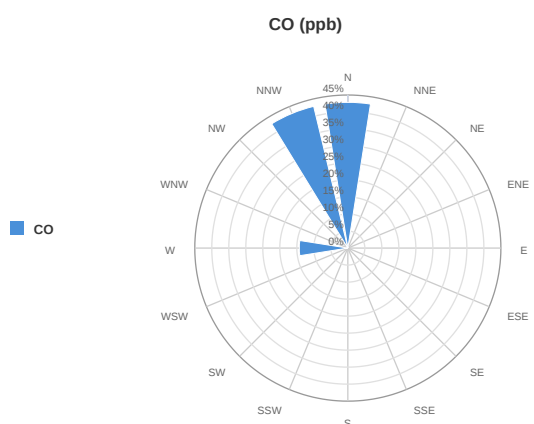
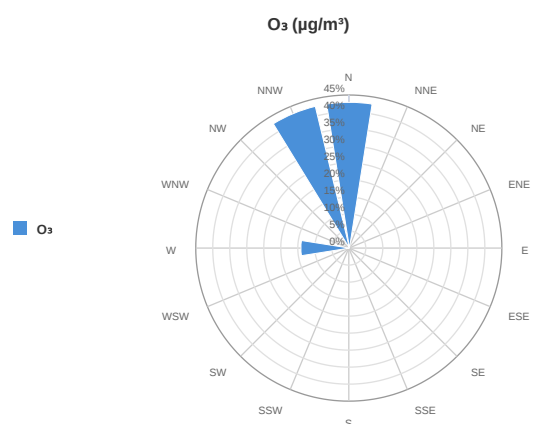
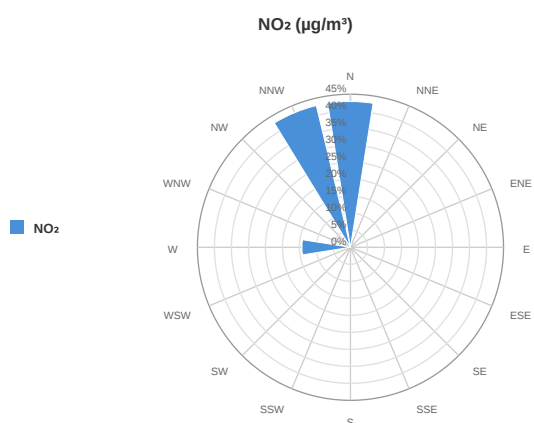
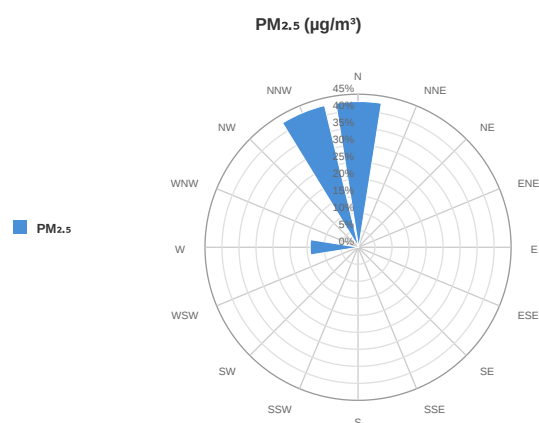
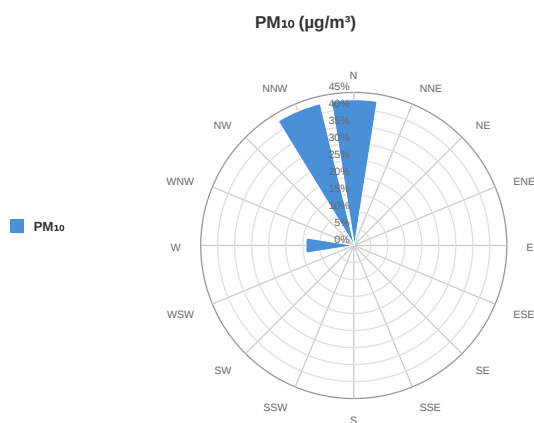
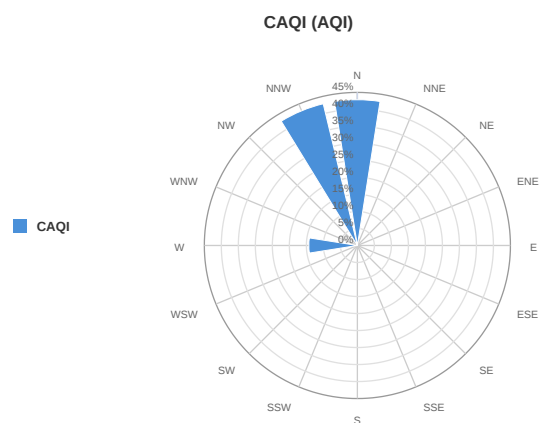
PM₁₀₀ (μg/m³)



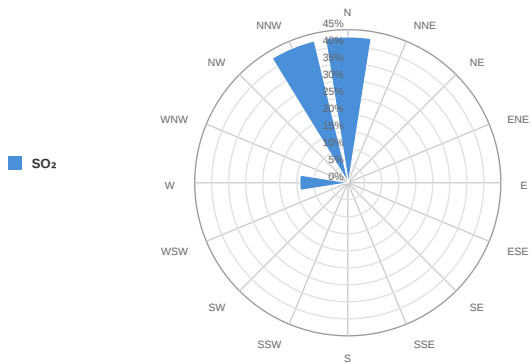
Pressure (hPa)



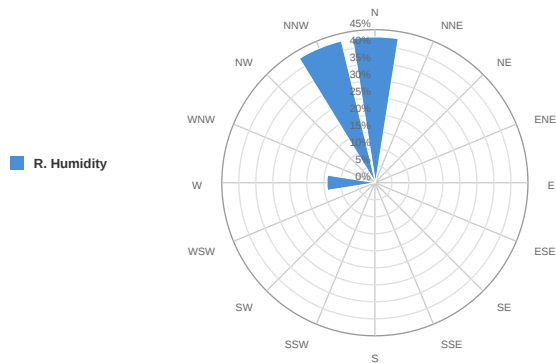
Media zilnică



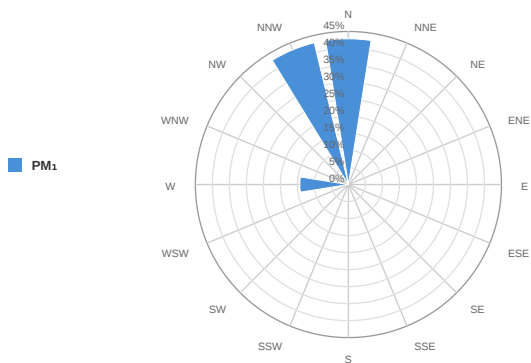
SO₂ (ppb)



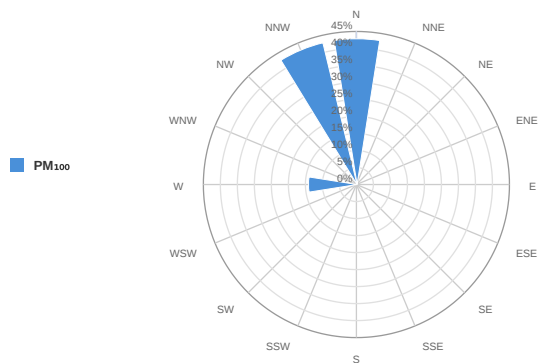
R. Humidity (%)



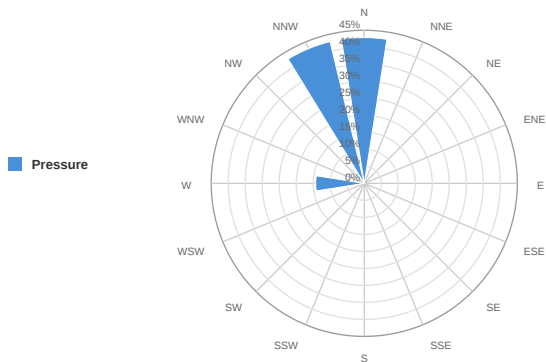
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 23/05/2026, 23:59 **Air Quality Consistently Very Low to Low:** The CAQI remained in the 'Very Low' to 'Low' range (21-29) throughout the observed period, indicating generally good air quality based on the provided thresholds.
- 23/05/2026, 23:59 **Nitrogen Dioxide Levels Fluctuate in Low to Medium Zones:** NO₂ levels fluctuate between 33.82 and 55.29 µg/m³, residing predominantly in the 'Low' to 'Medium' air quality zones based on provided thresholds.
- 23/05/2026, 23:59 **Ozone Levels Stable and Within Very Low to Low Zones:** Ozone (O₃) levels show relative stability, ranging from 22.2 to 38.6 µg/m³, indicating 'Very Low' to 'Low' air quality conditions based on the defined ranges.
- 23/05/2026, 23:59 **PM_{2.5} Concentrations Indicate Very Low Air Pollution:** PM_{2.5} concentrations are consistently below 10.2 µg/m³, suggesting 'Very Low' levels of fine particulate matter pollution based on provided threshold ranges.
- 23/05/2026, 23:59 **PM₁₀ Concentrations Within Very Low to Low Zones:** PM₁₀ concentrations ranged from 17.16 to 23.47 µg/m³, indicating the presence of coarse particulate matter within the 'Very Low' to 'Low' air quality zones.
- 23/05/2026, 23:59 **Wind Speed and Direction Variability Observed:** Wind speed varied from 1.49 to 7.44 m/s, with the wind direction ranging from approximately 9.63 to 356.71 degrees, influencing pollutant dispersion.
- 23/05/2026, 23:59 **Temperature Increases Over Time:** The temperature shows an increasing trend from 15.86°C to 23.21°C, a potential factor affecting air pollutant formation and dispersion.
- 23/05/2026, 23:59 **Humidity Fluctuations with No Apparent Impact:** Relative humidity varied between 54.52% and 85.48%, with no immediately clear or substantial correlation to the primary air quality parameters.
- 23/05/2026, 23:59 **Pressure Increase Observed:** Atmospheric pressure steadily increased from 994.08 hPa to 1011.1 hPa, which can influence air pollutant concentrations.
- 23/05/2026, 23:59 **Consistent CO Levels Indicate Stable Emission Sources:** Carbon Monoxide (CO) levels remained relatively stable, fluctuating around 337.65 to 340.82 ppb, which suggests stable emission sources during the 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
17/05/2026, 23:59	23	22.56	9.55	17.97	18.88
18/05/2026, 23:59	19	19.32	6.23	21.96	17.57
19/05/2026, 23:59	23	22.79	7.75	25.63	14.65
20/05/2026, 23:59	23	23.47	10.2	27.06	12.62
21/05/2026, 23:59	19	19.16	7.15	26.74	19.66
22/05/2026, 23:59	17	17.16	5.87	29.38	15.29
23/05/2026, 23:59	18	17.65	5.64	28.65	11.31

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
17/05/2026, 23:59	337.65	15.86	3.82	331.05	100	2.62	85.48	8.27	34.87	994.08
18/05/2026, 23:59	340.43	16.14	1.94	271.15	100	2.37	69.6	4.97	34.94	1003.71
19/05/2026, 23:59	338.57	17.79	1.49	348.67	100	2.93	63.95	6.48	40.97	1005.37
20/05/2026, 23:59	337.99	19.57	4.3	344.87	100	2.76	63.31	8.88	36.91	1006.75
21/05/2026, 23:59	338.66	20.89	5.5	356.71	100	2.37	57.5	5.81	33.65	1007.79
22/05/2026, 23:59	340.82	22.84	7.44	9.63	100	1.58	56.71	4.37	31.6	1009.92
23/05/2026, 23:59	340.44	23.21	5.79	10.92	100	1.73	54.52	3.77	32.35	1011.1

Oizom will not be responsible for Environmental Data accuracy once Validated