

Primaria Ghiroda

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Ghiroda**
Locația dispozitivului: **Strada Victoria 48, Ghiroda 307200, Romania**

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

Primaria Ghiroda
Strada Victoria 48, Ghiroda 307200,
Romania



Media indicelui de calitate al aerului (ICA): **18**

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	18	17.69	6.96	22.15	25.81
Maximum	22	22.43	9.8	27.33	34.03
Date	20/05/2026	20/05/2026	20/05/2026	19/05/2026	22/05/2026
Minimum	16	15.83	5.34	17.39	17.23
Date	22/05/2026	23/05/2026	23/05/2026	23/05/2026	19/05/2026

The data shown above is based on Media zilnică .

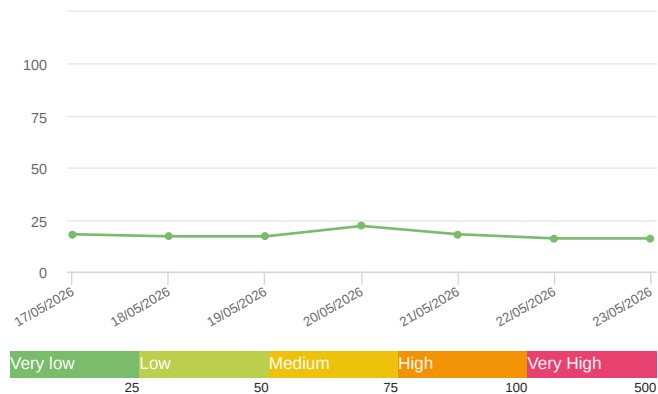
Prezentare generală zilnică: Alți parametri

	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	334.66	19.79	3.02	351.43	100	2.56	61.57	5.75	22.02	1007.02
Maximum	338.18	23.63	7.34	8.54	100	2.85	82.81	8.58	26.88	1012.53
Date	18/05/2026	23/05/2026	22/05/2026	22/05/2026	17/05/2026	19/05/2026	17/05/2026	20/05/2026	20/05/2026	23/05/2026
Minimum	332.41	16.07	0.95	339.77	100	2.49	51.54	3.84	20.14	995.61
Date	23/05/2026	17/05/2026	19/05/2026	19/05/2026	17/05/2026	18/05/2026	23/05/2026	23/05/2026	18/05/2026	17/05/2026

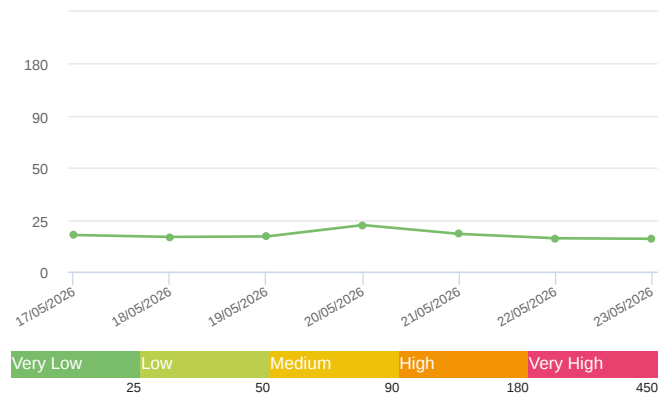
The data shown above is based on Media zilnică .

Media zilnică

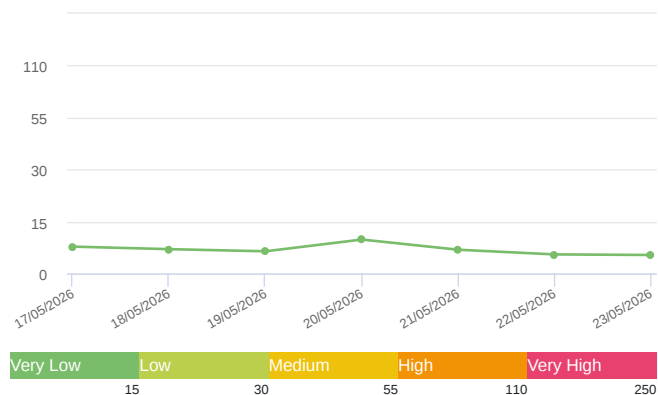
CAQI (AQI)



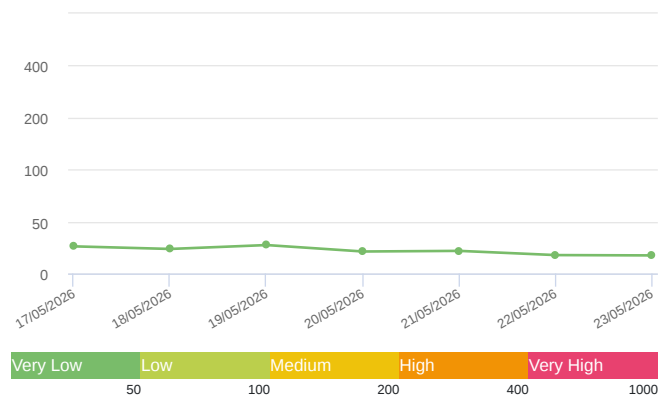
PM₁₀ (μg/m³)



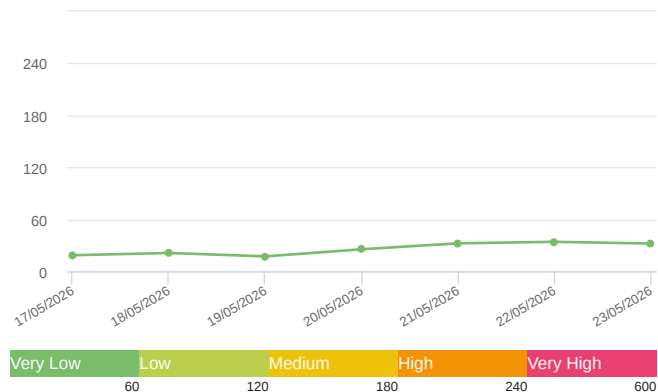
PM_{2.5} (μg/m³)



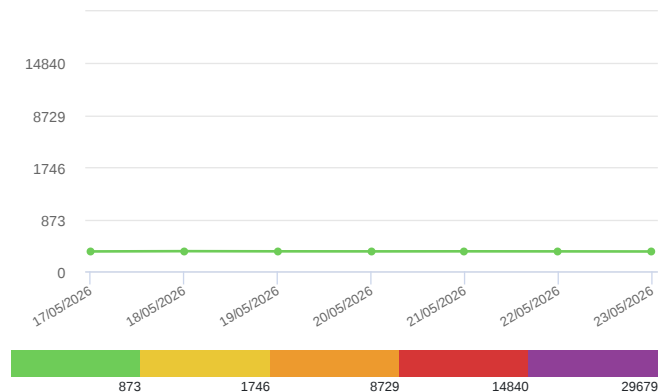
NO₂ (μg/m³)



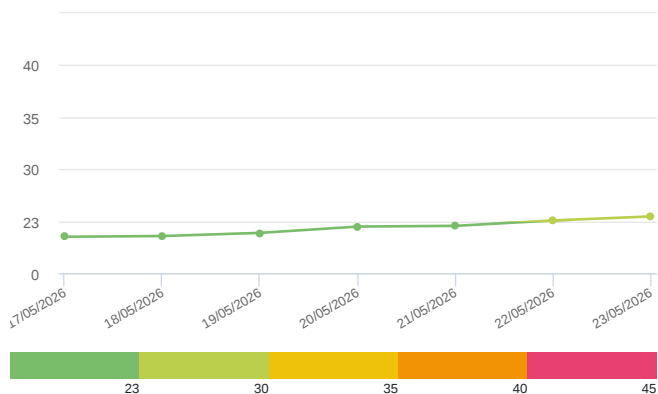
O₃ (μg/m³)



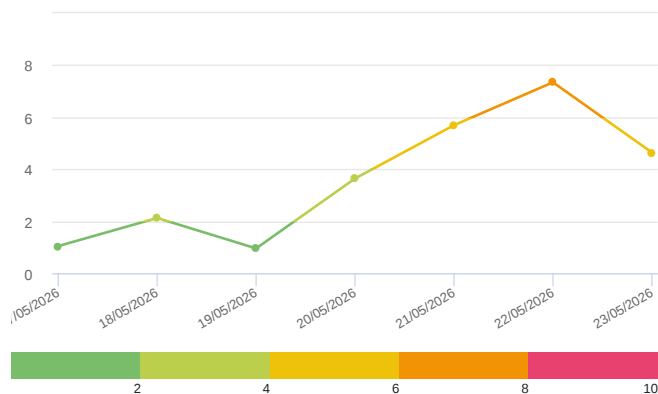
CO (ppb)



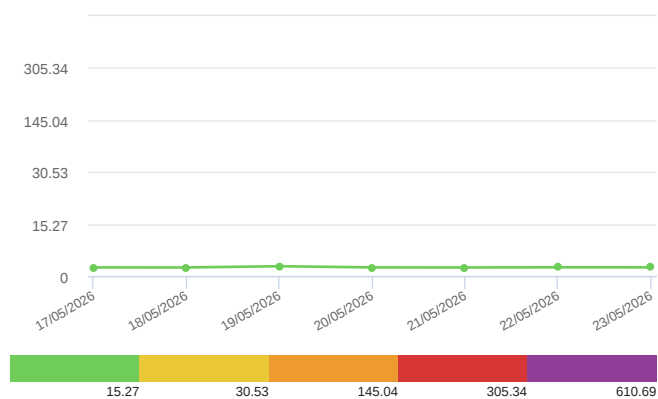
Temperature (°C)



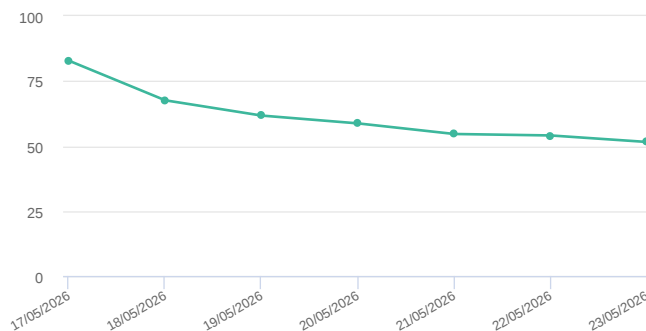
Wind Speed (m/s)



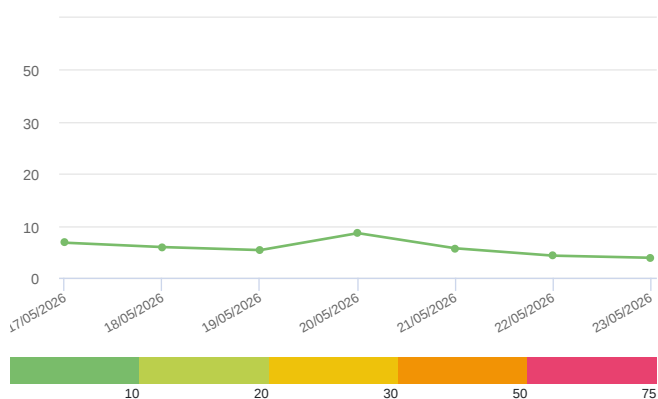
SO₂ (ppb)



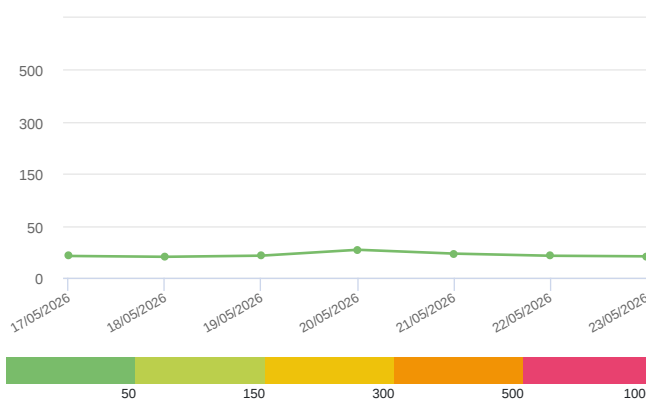
R. Humidity (%)



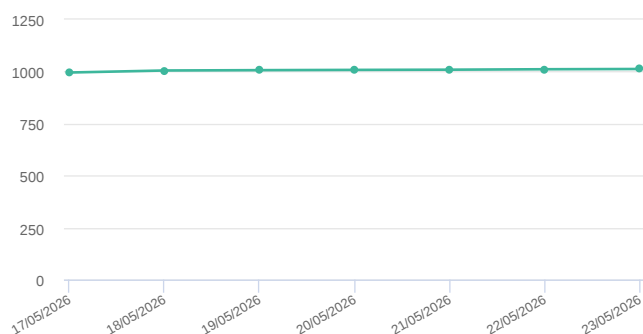
PM₁ (μg/m³)



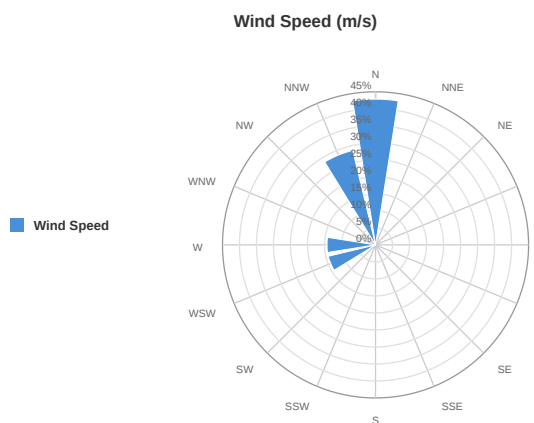
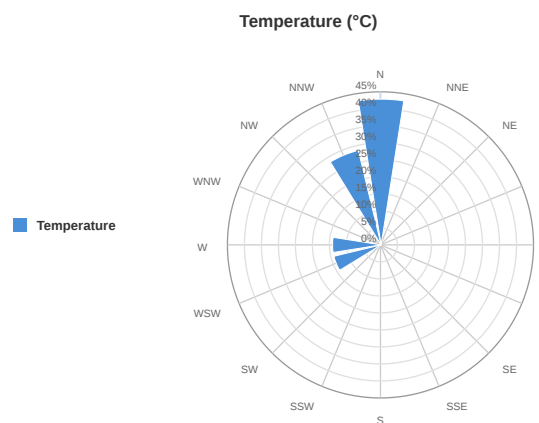
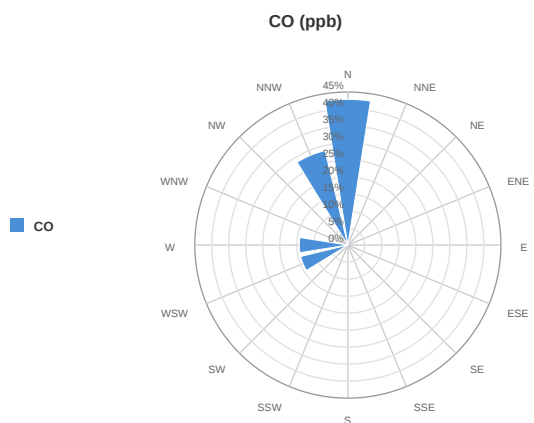
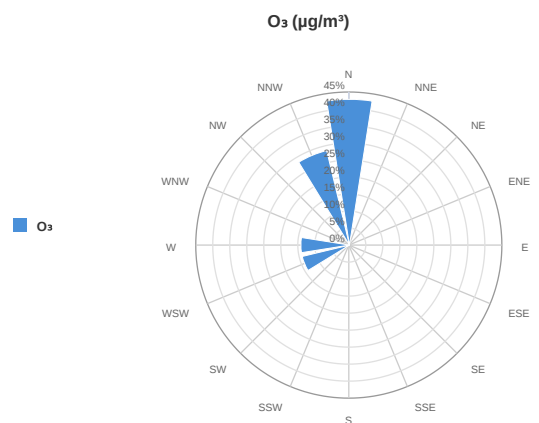
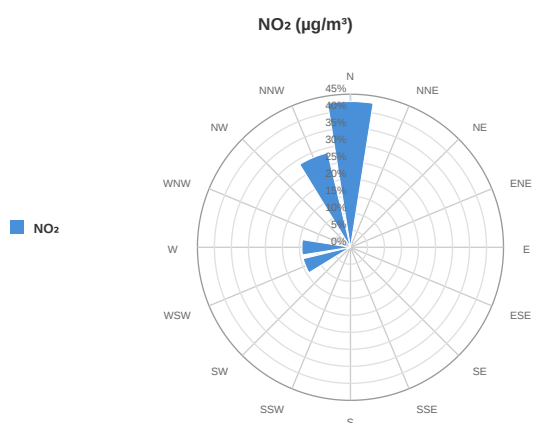
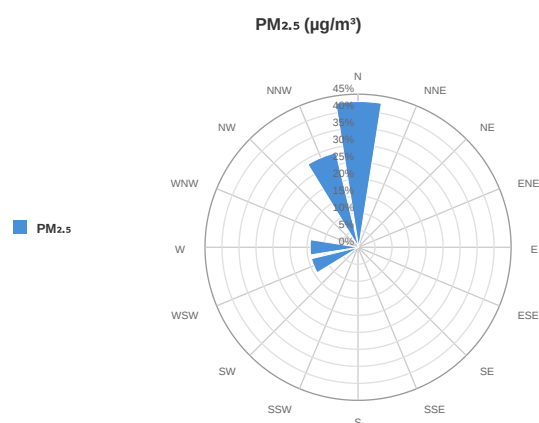
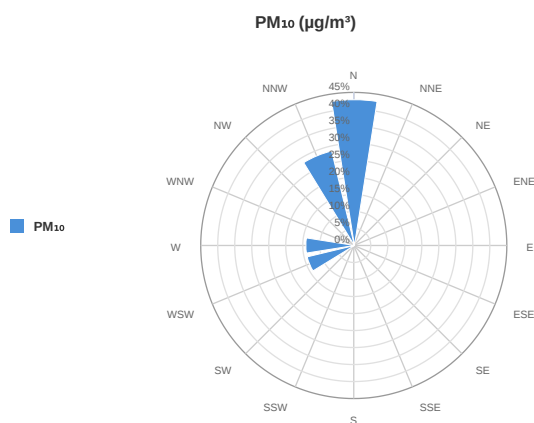
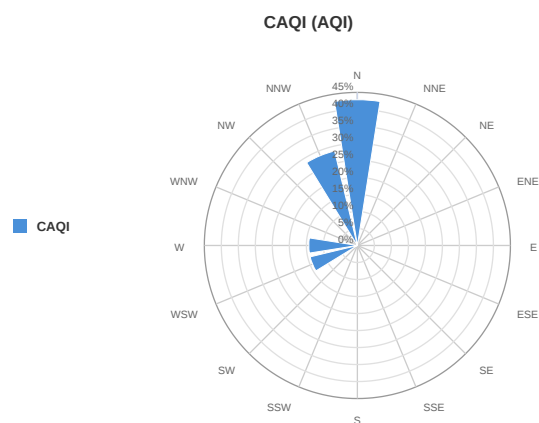
PM₁₀₀ (μg/m³)



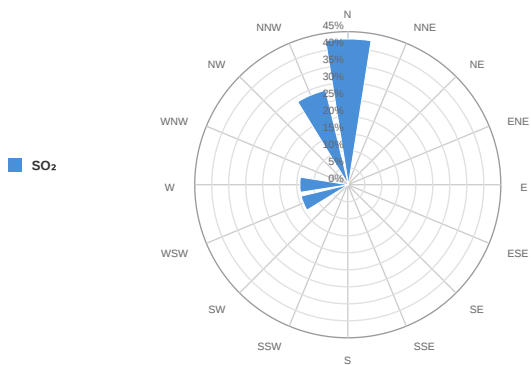
Pressure (hPa)



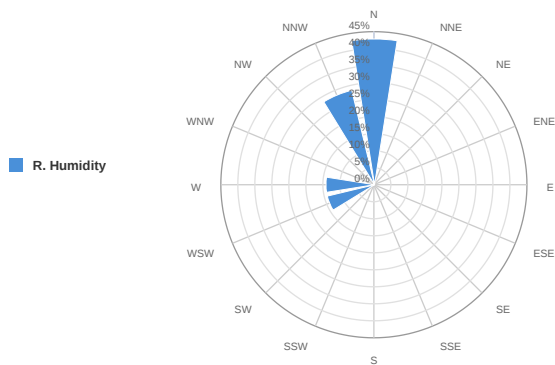
Media zilnică



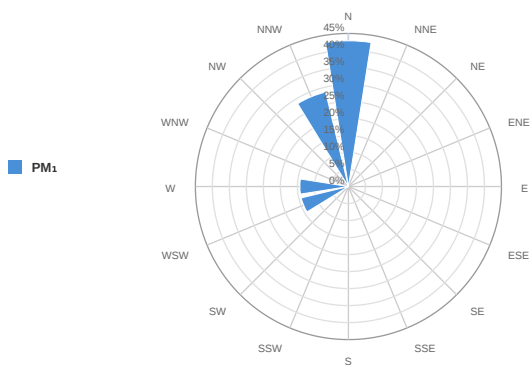
SO₂ (ppb)



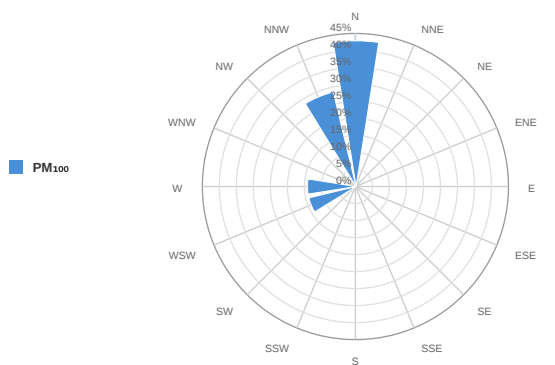
R. Humidity (%)



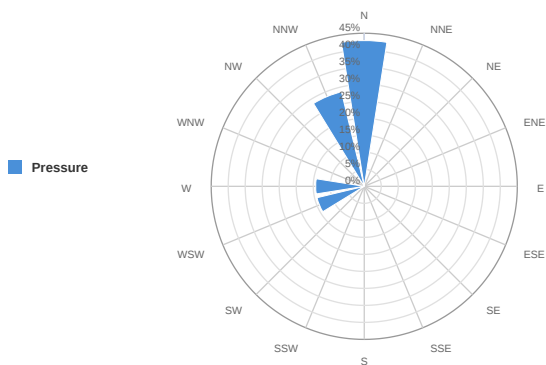
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 23/05/2026, 23:59 **Predominantly Very Low to Low Air Quality**: The CAQI values indicate that the air quality was primarily in the 'Very Low' to 'Low' range, fluctuating between 22 and 29 across the observed days. This suggests generally good air quality during this period.
- 23/05/2026, 23:59 **Nitrogen Dioxide Levels Mostly Low**: Nitrogen Dioxide (NO₂) levels remained largely within the 'Low' zone, ranging from 32.72 µg/m³ to 51.43 µg/m³, indicating a relatively low level of this pollutant.
- 23/05/2026, 23:59 **Ozone Concentrations Vary, Mostly Low to Medium**: Ozone (O₃) concentrations varied between 33.83 µg/m³ and 66.81 µg/m³. While mostly in the 'Low' to 'Medium' range, this variation could be influenced by meteorological factors.
- 23/05/2026, 23:59 **Fine Particulate Matter (PM_{2.5}) Consistently Very Low**: PM_{2.5} levels were consistently in the 'Very Low' zone, ranging from 5.34 µg/m³ to 9.8 µg/m³. This suggests a minimal concentration of fine particulate matter in the air.
- 23/05/2026, 23:59 **PM₁₀ Levels Indicate Low Particulate Pollution**: PM₁₀ concentrations remained in the 'Low' zone, ranging from 15.83 µg/m³ to 22.43 µg/m³. This indicates relatively low levels of inhalable coarse particulate matter.
- 23/05/2026, 23:59 **Wind Speed Fluctuation and Air Quality**: Wind speeds varied from 0.95 m/s to 7.34 m/s. Higher wind speeds on 2026-05-22 may have contributed to pollutant dispersion and improved air quality, though the CAQI difference is not significant.
- 23/05/2026, 23:59 **Temperature Increase and Ozone Levels**: Temperature generally increased from 16.07 °C to 23.63 °C. Higher temperatures on 2026-05-22 and 2026-05-23 coincided with higher Ozone levels, potentially due to photochemical reactions.
- 23/05/2026, 23:59 **Consistent Battery Percentage**: The battery percentage remained consistently at 100% throughout the observed period, suggesting reliable power supply to the monitoring equipment.
- 23/05/2026, 23:59 **CO Levels Remain Stable**: Carbon Monoxide (CO) levels remained relatively stable around 330 ppb throughout the week. This indicates a consistent, low level of CO concentration.
- 23/05/2026, 23:59 **Humidity and Air Quality Correlation Weak**: Relative Humidity ranged between 51.54% and 82.81%, but no strong correlation is observed with CAQI, suggesting humidity isn't a dominant factor in air quality during this 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	18	17.64	7.76	26.12	18.54
18/05/2026, 23:59	17	16.72	7.02	23.59	21.11
19/05/2026, 23:59	17	16.94	6.41	27.33	17.23
20/05/2026, 23:59	22	22.43	9.8	21.13	25.46
21/05/2026, 23:59	18	18.17	6.86	21.77	32.26
22/05/2026, 23:59	16	16.08	5.5	17.7	34.03
23/05/2026, 23:59	16	15.83	5.34	17.39	32.06

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	333.12	16.07	1.04	277.3	100	2.51	82.81	6.74	20.96	995.61
18/05/2026, 23:59	338.18	16.39	2.12	237.04	100	2.49	67.57	5.9	20.14	1005.34
19/05/2026, 23:59	335.37	17.81	0.95	339.77	100	2.85	61.7	5.32	21.23	1006.94
20/05/2026, 23:59	334.01	20.59	3.64	343.89	100	2.51	58.69	8.58	26.88	1008.2
21/05/2026, 23:59	335.18	20.91	5.69	356.42	100	2.49	54.61	5.66	23.18	1009.2
22/05/2026, 23:59	334.35	23.09	7.34	8.54	100	2.53	54.05	4.25	21.16	1011.33
23/05/2026, 23:59	332.41	23.63	4.64	3.21	100	2.52	51.54	3.84	20.61	1012.53

Oizom will not be responsible for Environmental Data accuracy once Validated