

Primaria Lugoj (Gradinita Nr.5)

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Lugoj (Gradinita Nr.5)**
Locația dispozitivului: **Str. Ceahlăului 19, Lugoj 305500, Romania**

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

Primaria Lugoj (Gradinita Nr.5)
Str. Ceahlăului 19, Lugoj 305500,
Romania



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	23.24	9.08	8.2	25.44
Maximum	30	28.75	11.78	10.54	28.9
Date	20/05/2026	20/05/2026	18/05/2026	17/05/2026	23/05/2026
Minimum	17	16.97	6.41	6.4	19.52
Date	17/05/2026	17/05/2026	19/05/2026	18/05/2026	17/05/2026

The data shown above is based on Media zilnică .

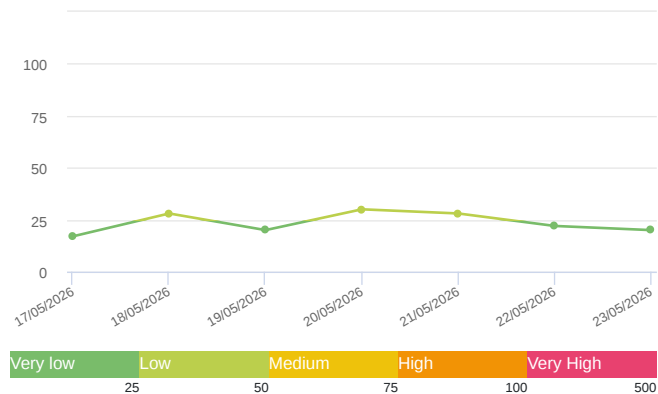
Prezentare generală zilnică: Alți parametri

	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	308.69	19.32	1.16	328.3	100	2.51	66.52	7.09	31.9	1003.17
Maximum	329.3	22.97	2.98	343.1	100	2.56	80.47	9.93	37.9	1008.5
Date	20/05/2026	23/05/2026	21/05/2026	21/05/2026	17/05/2026	21/05/2026	17/05/2026	18/05/2026	20/05/2026	23/05/2026
Minimum	297.66	15.95	0.7	333.51	100	2.48	61.41	4.59	23.4	991.82
Date	17/05/2026	18/05/2026	19/05/2026	19/05/2026	17/05/2026	19/05/2026	23/05/2026	19/05/2026	17/05/2026	17/05/2026

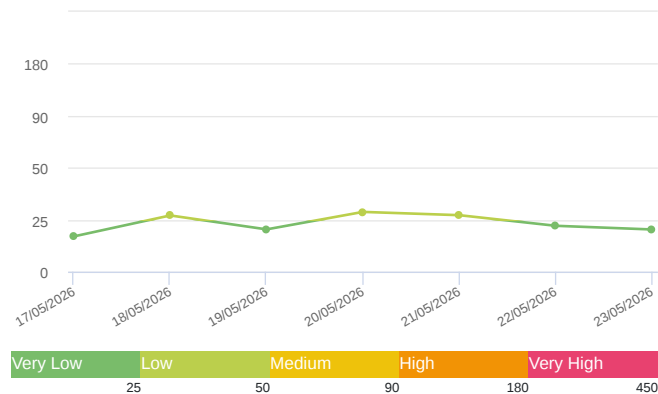
The data shown above is based on Media zilnică .

Media zilnică

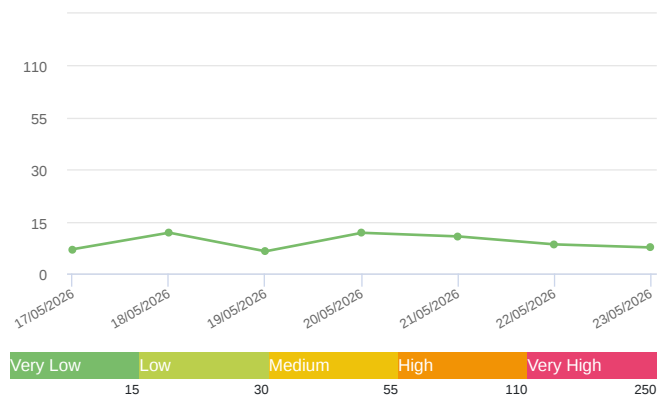
CAQI (AQI)



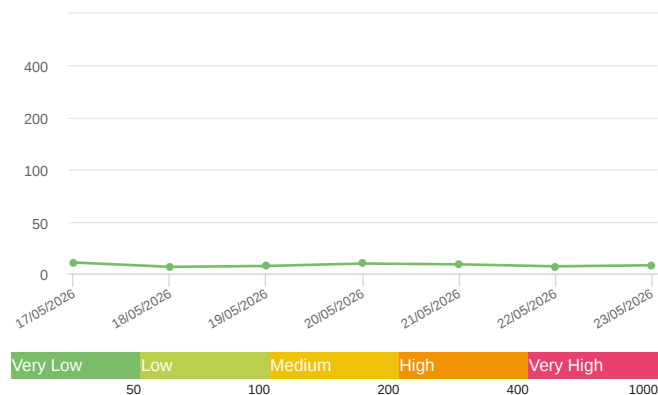
PM₁₀ (μg/m³)



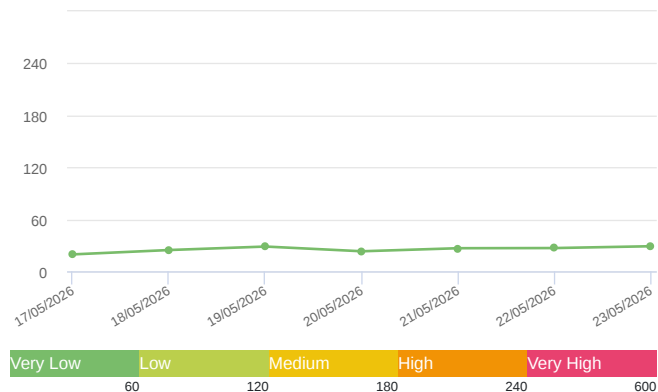
PM_{2.5} (μg/m³)



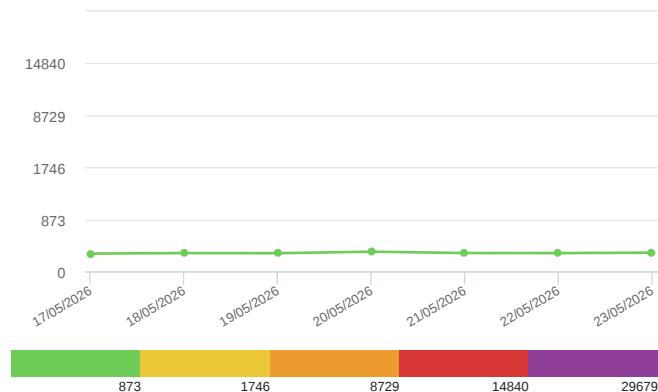
NO₂ (μg/m³)



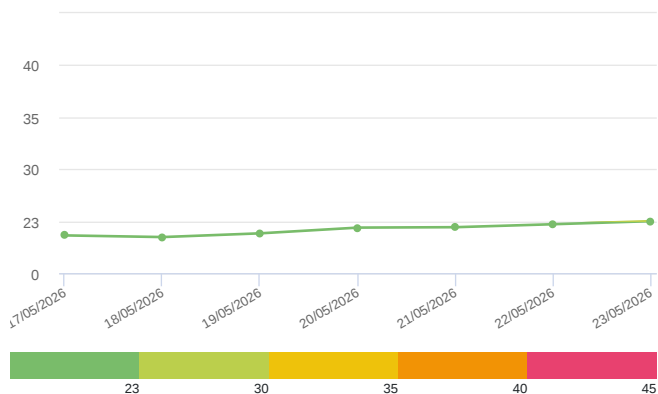
O₃ (μg/m³)



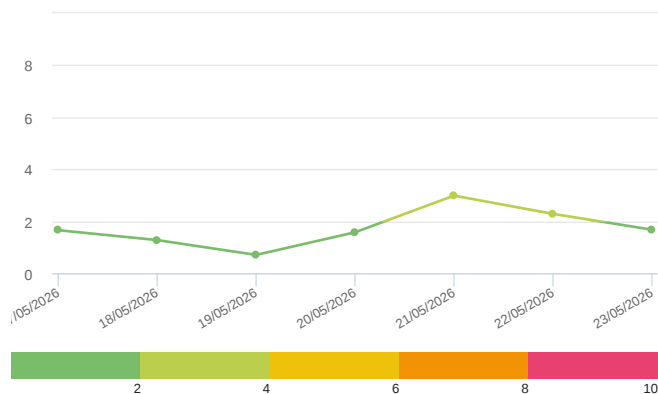
CO (ppb)



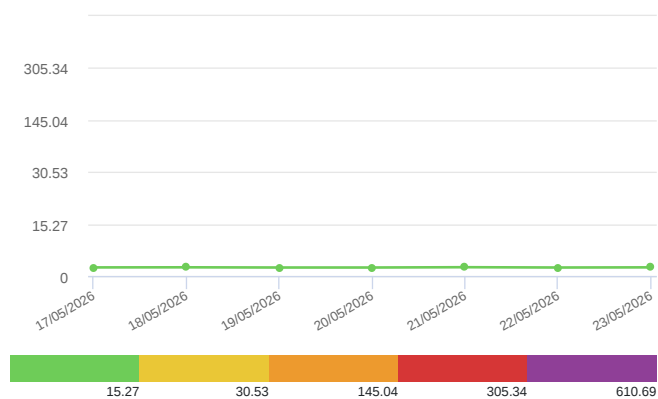
Temperature (°C)



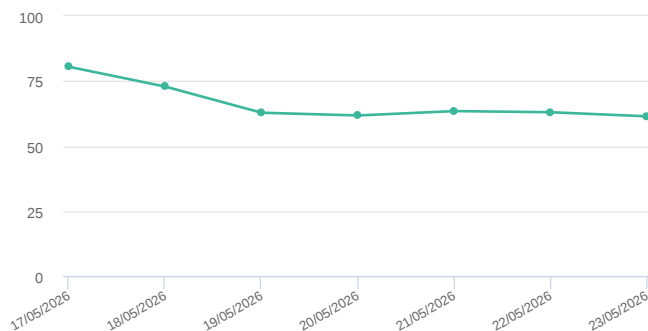
Wind Speed (m/s)



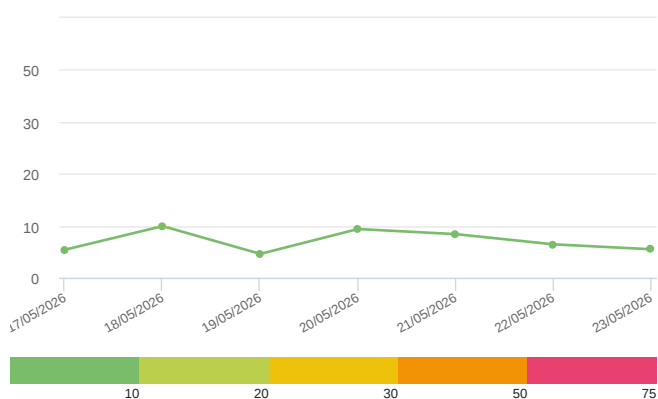
SO₂ (ppb)



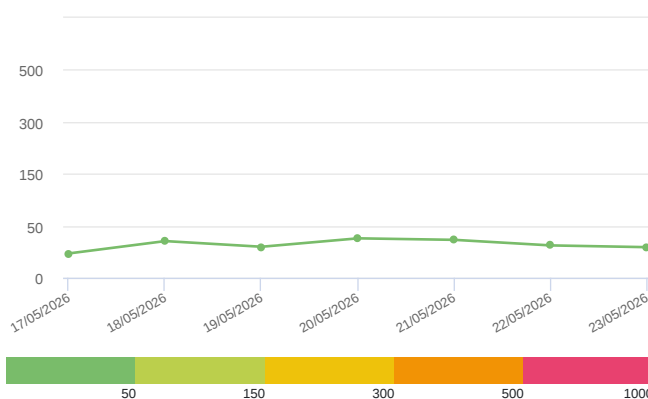
R. Humidity (%)



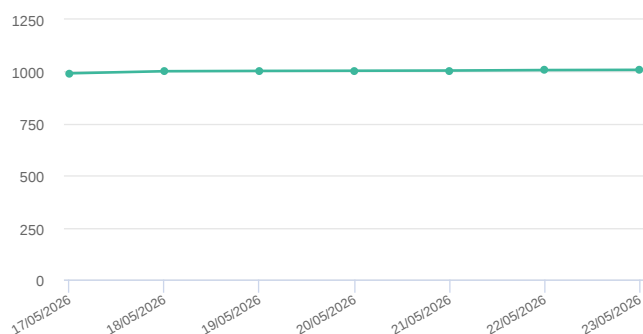
PM₁ (μg/m³)



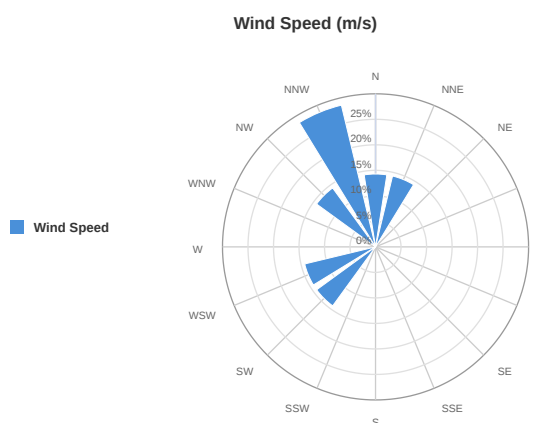
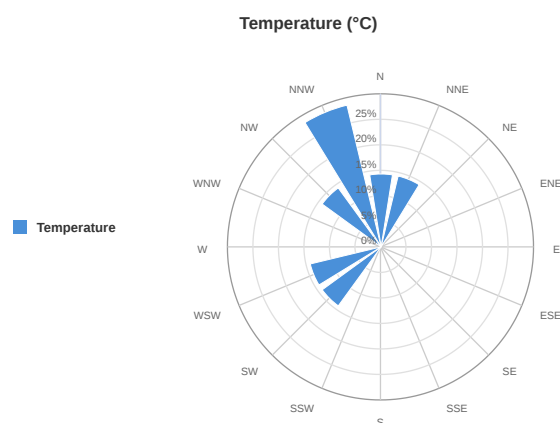
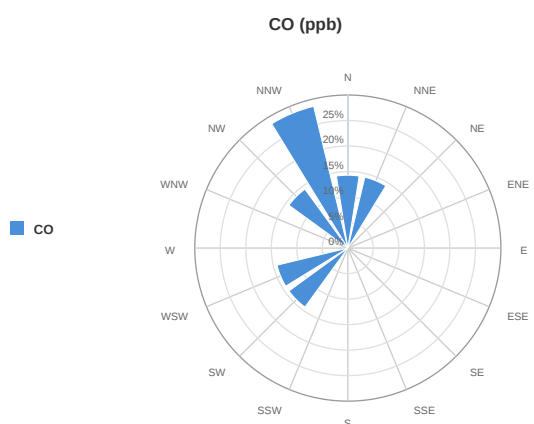
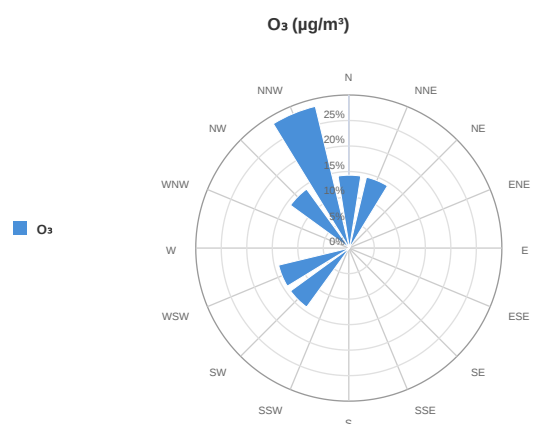
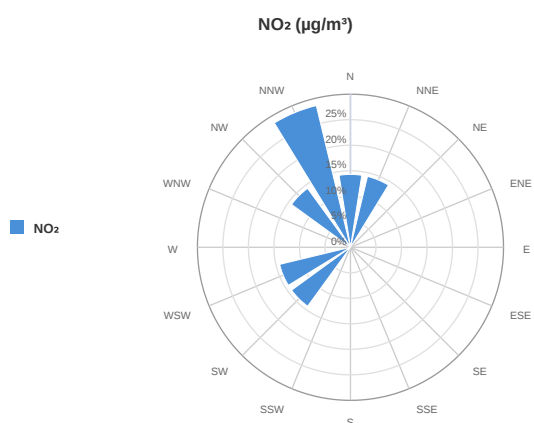
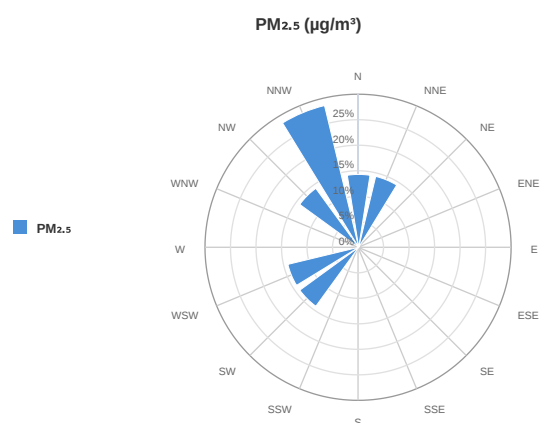
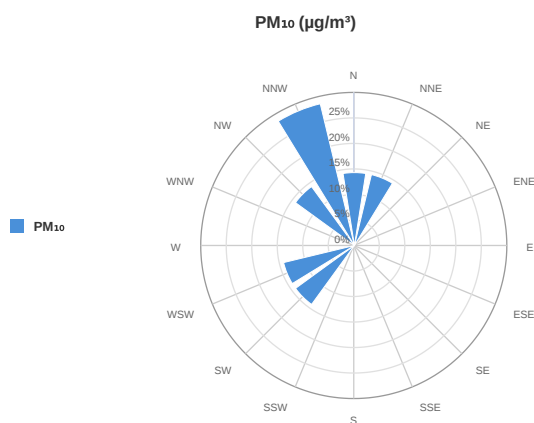
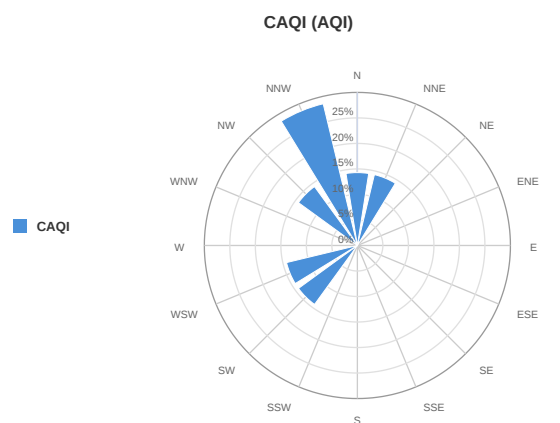
PM₁₀₀ (μg/m³)



Pressure (hPa)

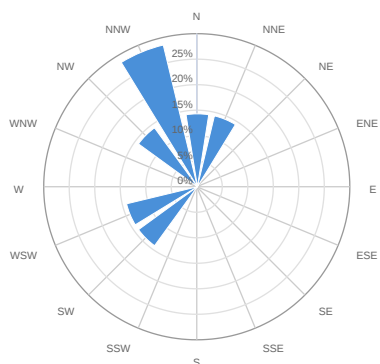


Media zilnică



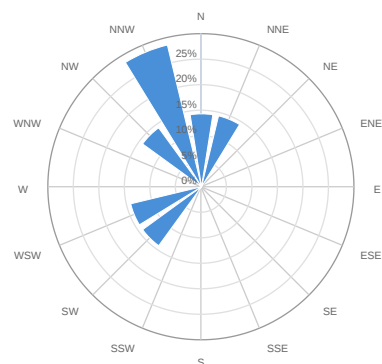
SO₂ (ppb)

■ SO₂



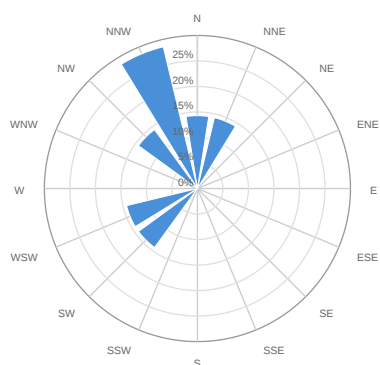
R. Humidity (%)

■ R. Humidity



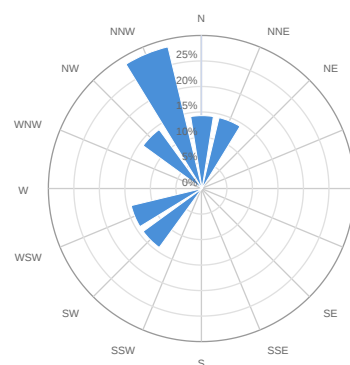
PM₁ (μg/m³)

■ PM₁



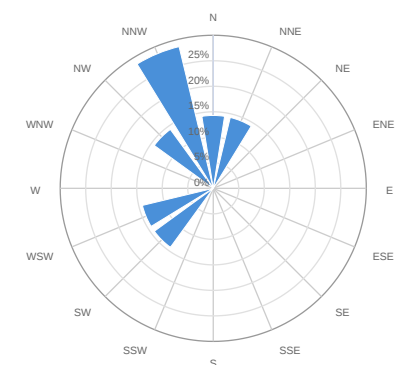
PM₁₀₀ (μg/m³)

■ PM₁₀₀



Pressure (HPa)

■ Pressure



Alerte

No alerts for the selected date and time range

Insights

- 23/05/2026, 23:59 **Low CAQI values observed during the monitoring period:** The CAQI remained in the 'Very Low' to 'Low' range (17 to 30) throughout the week, indicating generally good air quality. This suggests minimal immediate health risks based on the recorded pollutants.
- 23/05/2026, 23:59 **PM_{2.5} levels consistently within 'Very Low' to 'Low' range:** PM_{2.5} concentrations ranged from 6.41 µg/m³ to 11.78 µg/m³, placing them in the 'Very Low' to 'Low' categories. This indicates a relatively low concentration of fine particulate matter.
- 23/05/2026, 23:59 **PM₁₀ levels fluctuate but remain within acceptable levels:** PM₁₀ levels varied from 16.97 µg/m³ to 28.75 µg/m³, staying within the 'Very Low' to 'Low' range. Highest level was on 2026-05-20. Suggesting coarse particulate matter is not a significant concern.
- 23/05/2026, 23:59 **NO₂ concentrations consistently 'Very Low' to 'Low':** Nitrogen dioxide (NO₂) levels ranged between 12.04 µg/m³ and 19.83 µg/m³, indicating 'Very Low' to 'Low' pollution levels for this gas. This is well below potentially harmful concentrations.
- 23/05/2026, 23:59 **O₃ levels indicate generally acceptable air quality:** Ozone (O₃) concentrations were between 38.32 µg/m³ and 56.74 µg/m³, remaining in the 'Low' category. These concentrations suggest no ozone-related air quality issues.
- 23/05/2026, 23:59 **Wind direction influence on air quality is variable:** Wind direction varied significantly (14.56 to 354.85 degrees). However, no clear correlation between wind direction and air quality parameters was evident from this limited dataset.
- 23/05/2026, 23:59 **Temperature increases slightly over the week:** The temperature shows a slight upward trend, ranging from 16.67 °C to 22.97 °C. However, it doesn't show a clear impact on the air quality parameters based on the data.
- 23/05/2026, 23:59 **Humidity levels remain moderately high and stable:** Relative humidity stayed relatively consistent between 61.41% and 80.47%, indicating a moderately humid environment during the observation period, with no clear correlation with air quality.
- 23/05/2026, 23:59 **Pressure variations show minimal impact on pollutant levels:** Atmospheric pressure varied slightly from 991.82 hPa to 1008.5 hPa. The observed pressure changes appear to have no significant correlation with changes in pollutant concentrations.
- 23/05/2026, 23:59 **Consistent CO levels suggest stable emission sources:** Carbon monoxide (CO) levels remained relatively stable, ranging from 297.66 ppb to 329.3 ppb. This consistency implies relatively constant CO emission sources in the area.

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	17	16.97	7.01	10.54	19.52
18/05/2026, 23:59	28	27.05	11.78	6.4	24.54
19/05/2026, 23:59	20	20.35	6.41	7.25	28.54
20/05/2026, 23:59	30	28.75	11.74	9.59	23.12
21/05/2026, 23:59	28	27.17	10.69	8.82	26.62
22/05/2026, 23:59	22	22.07	8.4	6.92	26.85
23/05/2026, 23:59	20	20.31	7.51	7.9	28.9

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	297.66	16.67	1.65	225.64	100	2.51	80.47	5.4	23.4	991.82
18/05/2026, 23:59	305.84	15.95	1.27	244.19	100	2.53	72.85	9.93	35.24	1001.9
19/05/2026, 23:59	303.56	17.59	0.7	333.51	100	2.48	62.79	4.59	29.82	1003.3
20/05/2026, 23:59	329.3	20.12	1.57	321.78	100	2.48	61.74	9.37	37.9	1004.16
21/05/2026, 23:59	306.11	20.31	2.98	343.1	100	2.56	63.42	8.39	36.46	1005.13
22/05/2026, 23:59	305.53	21.62	2.28	354.85	100	2.48	62.98	6.43	31.08	1007.37
23/05/2026, 23:59	312.83	22.97	1.67	14.56	100	2.52	61.41	5.48	29.42	1008.5

Oizom will not be responsible for Environmental Data accuracy once Validated