

Primaria Lugoj (Gradinita Nr.5)

WEEKLY AIR-QUALITY REPORT

Timp de la: **24/05/2026, 00:00**
Timp până la: **31/05/2026, 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): **21**

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	21	21.29	6.67	9.32	27.64
Maximum	25	24.7	8.5	12.82	33.51
Date	27/05/2026	27/05/2026	27/05/2026	30/05/2026	29/05/2026
Minimum	17	17.44	3.99	6.51	22.72
Date	29/05/2026	29/05/2026	29/05/2026	29/05/2026	24/05/2026

The data shown above is based on Media zilnică .

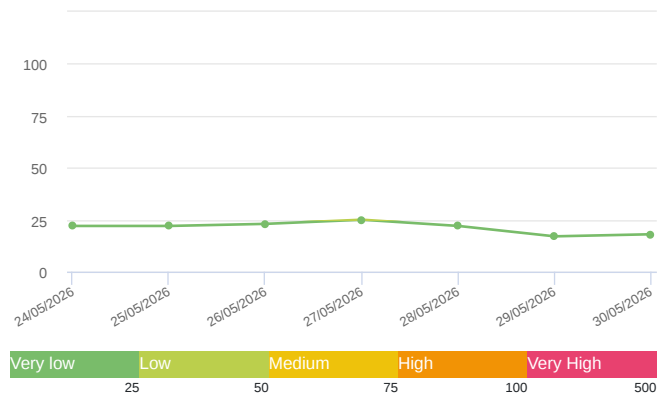
Prezentare generală zilnică: Alți parametri

	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	305.44	23.22	1.16	323.79	100	3.8	51.82	4.28	30.19	1007.06
Maximum	324.98	26.77	2.35	331.17	100	6.8	60.53	6.04	32.55	1011.65
Date	27/05/2026	27/05/2026	28/05/2026	28/05/2026	24/05/2026	29/05/2026	24/05/2026	24/05/2026	27/05/2026	25/05/2026
Minimum	280.98	19.64	0.86	339.66	100	2.48	42.5	2	27.04	1002.7
Date	28/05/2026	29/05/2026	26/05/2026	26/05/2026	24/05/2026	26/05/2026	29/05/2026	29/05/2026	30/05/2026	28/05/2026

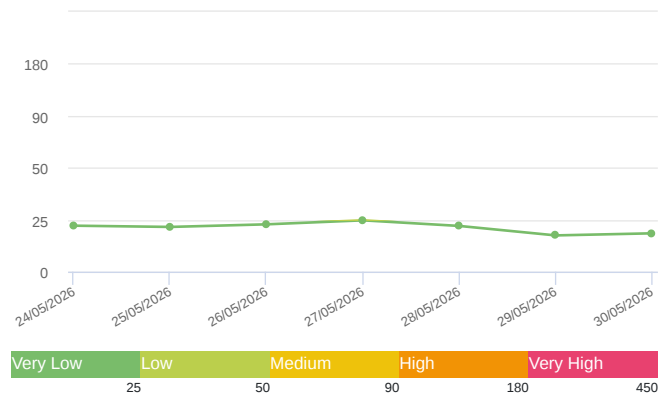
The data shown above is based on Media zilnică .

Media zilnică

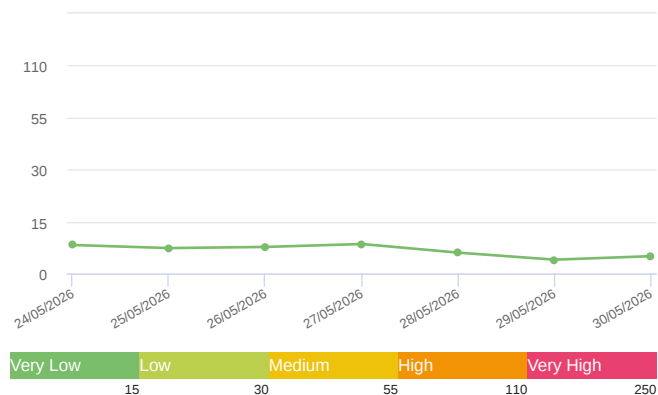
CAQI (AQI)



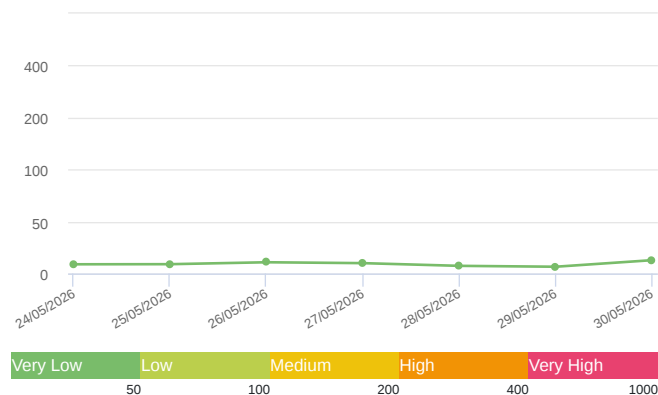
PM₁₀ (μg/m³)



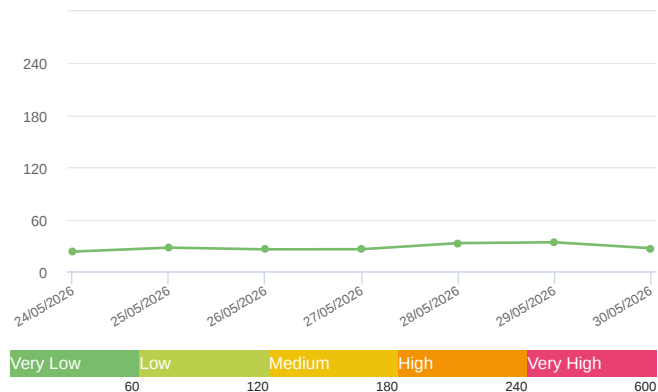
PM_{2.5} (μg/m³)



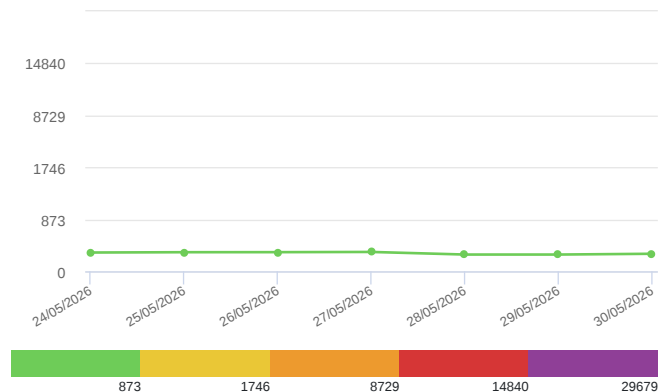
NO₂ (μg/m³)



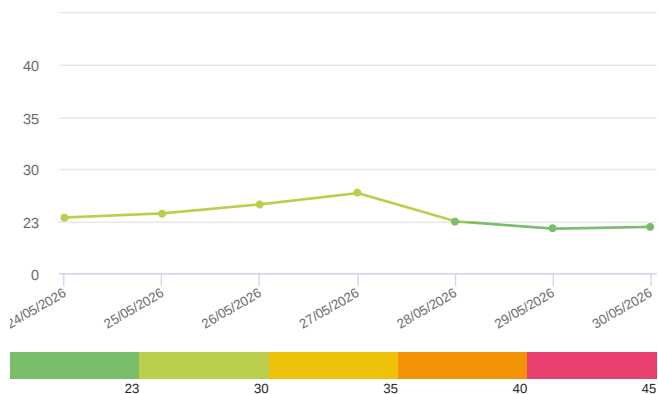
O₃ (μg/m³)



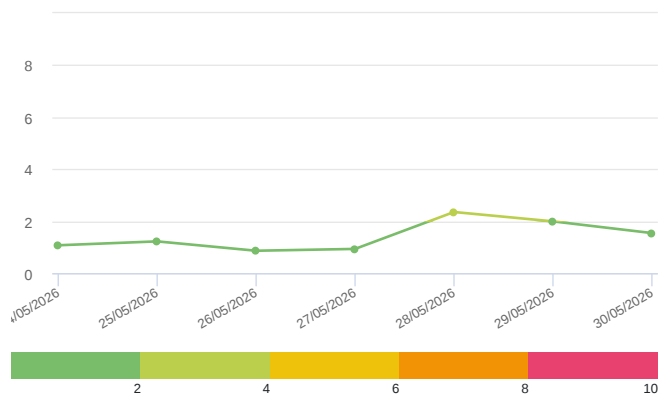
CO (ppb)



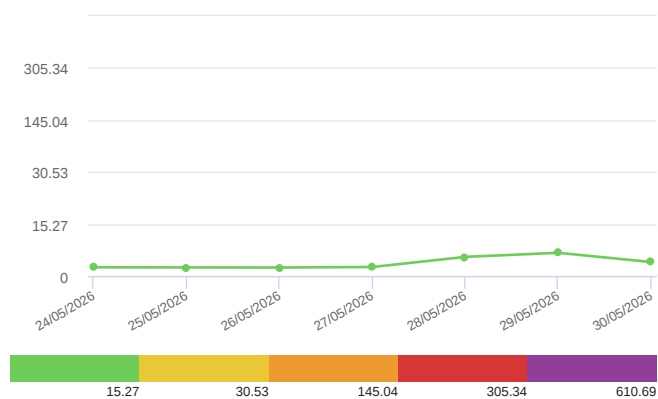
Temperature (°C)



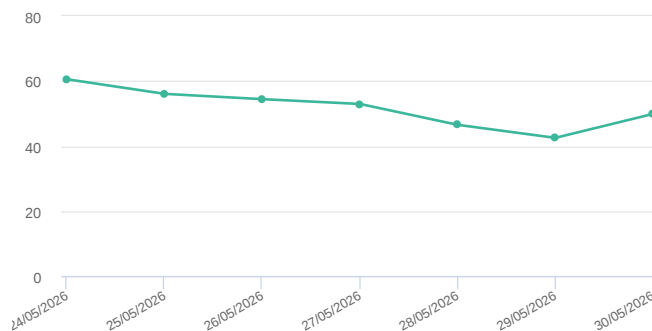
Wind Speed (m/s)



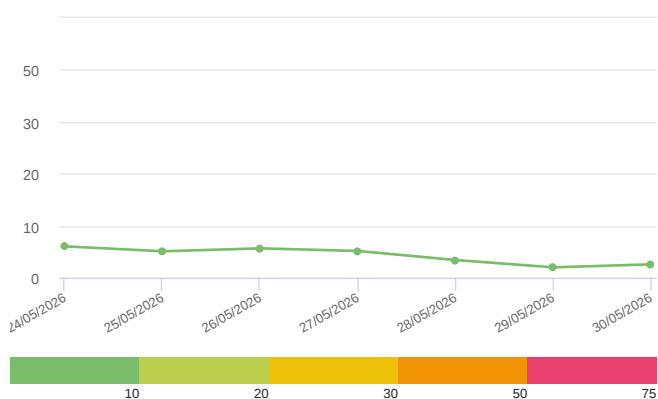
SO₂ (ppb)



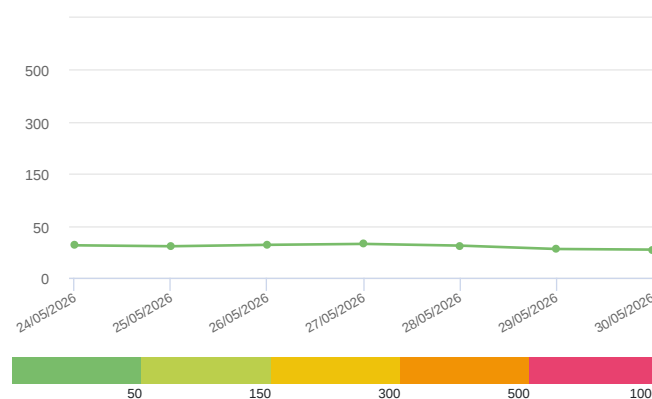
R. Humidity (%)



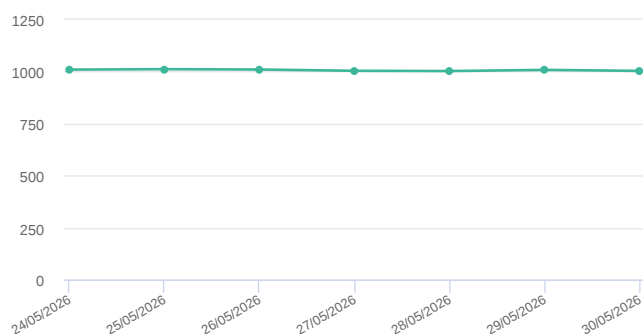
PM₁ (μg/m³)



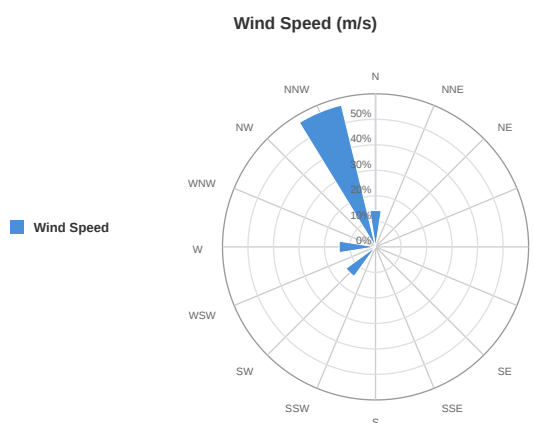
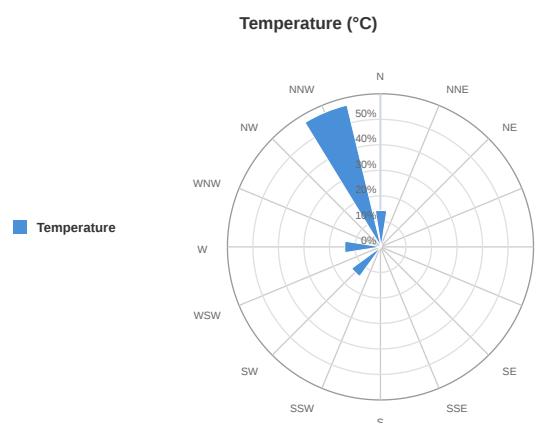
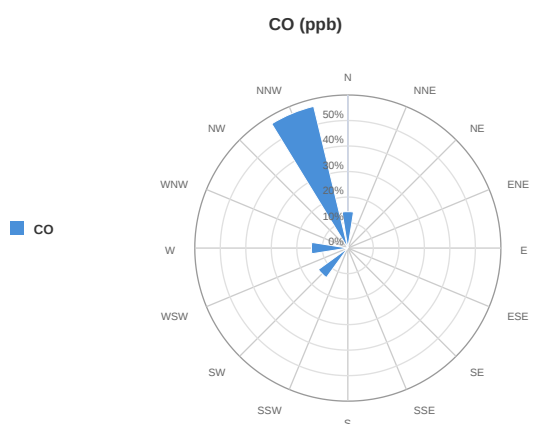
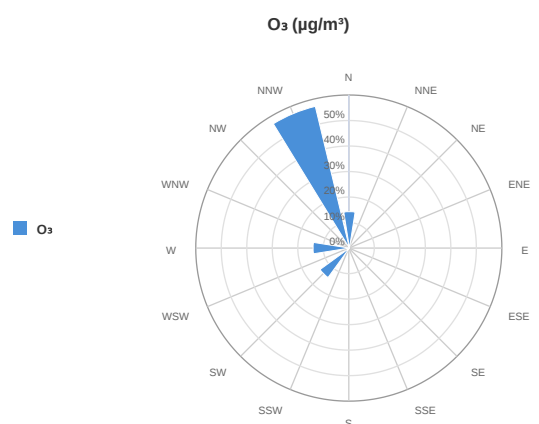
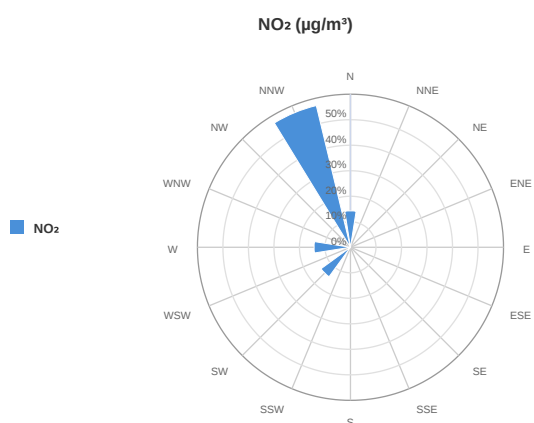
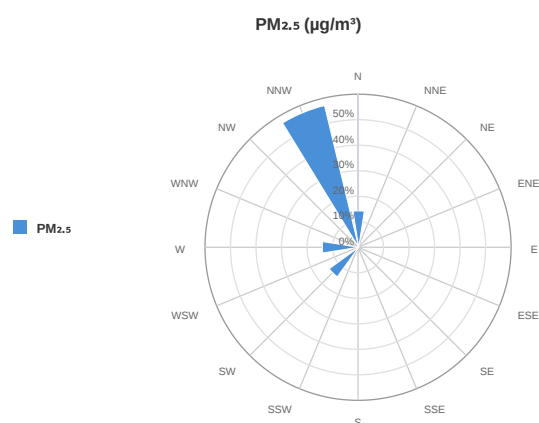
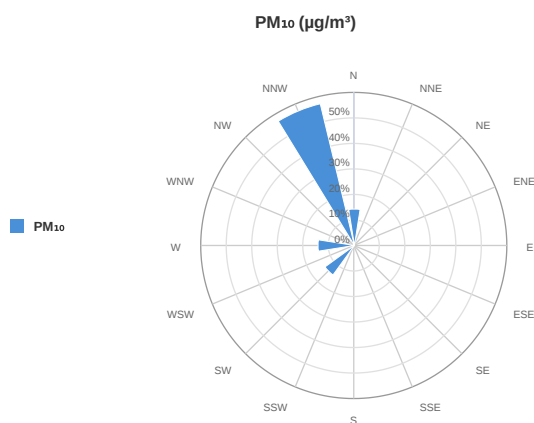
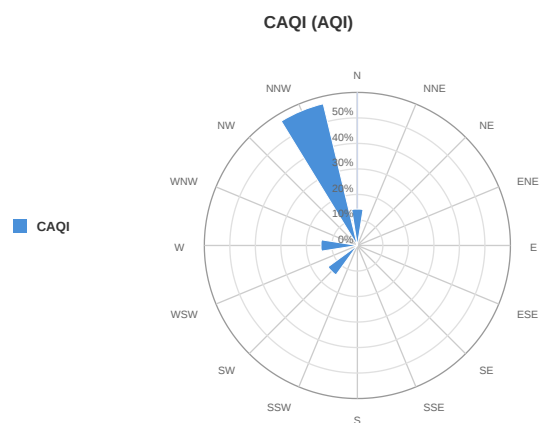
PM₁₀₀ (μg/m³)



Pressure (hPa)

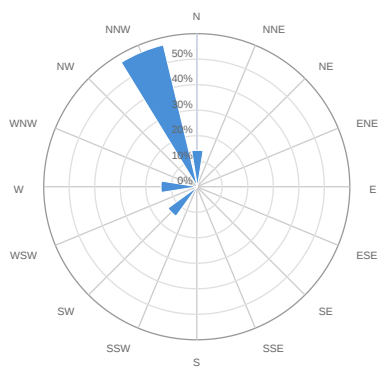


Media zilnică



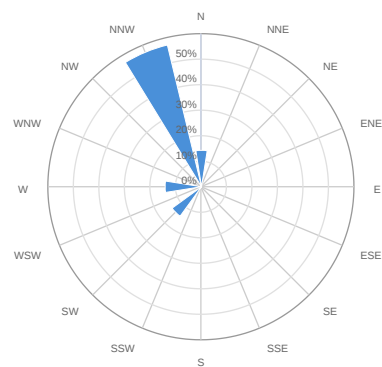
SO₂ (ppb)

■ SO₂



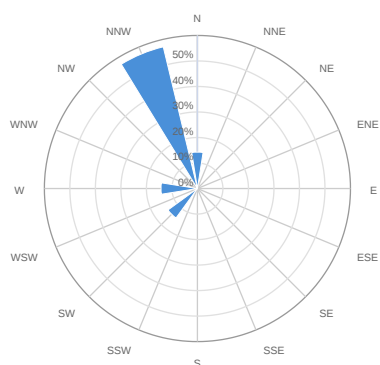
R. Humidity (%)

■ R. Humidity



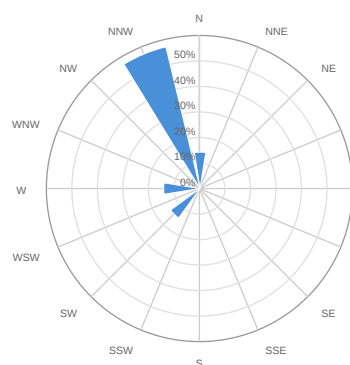
PM₁ (μg/m³)

■ PM₁



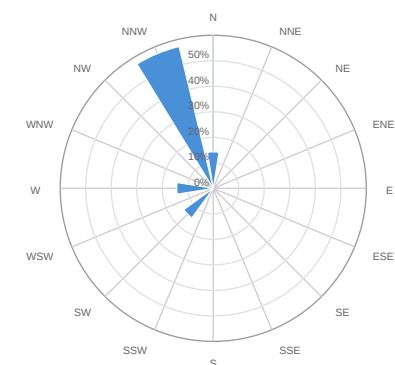
PM₁₀₀ (μg/m³)

■ PM₁₀₀



Pressure (hPa)

■ Pressure



Alerte

No alerts for the selected date and time range

Insights

- 30/05/2026, 23:59 **Air Quality Consistently Very Low to Low:** CAQI remained in the 'Very Low' to 'Low' range (22-28) throughout the reported period. The consistent air quality is likely due to stable environmental conditions.
- 30/05/2026, 23:59 **Ozone Levels Fluctuate, Remain Mostly in Low Zone:** Ozone (O_3) levels varied between $44.6 \mu\text{g}/\text{m}^3$ and $65.79 \mu\text{g}/\text{m}^3$. Most measurements fall within the 'Low' zone, indicating moderate photochemical activity.
- 30/05/2026, 23:59 **PM_{2.5} Levels are Consistently Very Low:** PM_{2.5} concentrations remained consistently in the 'Very Low' range ($3.99 \mu\text{g}/\text{m}^3$ to $8.5 \mu\text{g}/\text{m}^3$), suggesting low levels of fine particulate pollution.
- 30/05/2026, 23:59 **PM₁₀ Levels Indicate Low Particulate Matter:** PM₁₀ concentrations generally fell in the 'Low' range ($17.44 \mu\text{g}/\text{m}^3$ to $24.7 \mu\text{g}/\text{m}^3$), suggesting relatively low levels of coarse particulate pollution.
- 30/05/2026, 23:59 **Nitrogen Dioxide (NO₂) Levels Remain Very Low:** NO₂ levels are consistently within the 'Very Low' range ($12.25 \mu\text{g}/\text{m}^3$ to $24.12 \mu\text{g}/\text{m}^3$), indicating minimal pollution from combustion sources.
- 30/05/2026, 23:59 **Wind Speed Variation Affects Air Quality:** Wind speeds varied (0.86 m/s to 2.35 m/s), which impacts pollutant dispersion. Higher wind speed on 2026-05-28 could contribute to the observed CAQI of 28.
- 30/05/2026, 23:59 **Temperature Fluctuation and Minimal Impact on Air Quality:** Temperature fluctuated between 19.64°C and 26.77°C with only a minimal impact on air quality index, indicating that temperature is not a key determining factor.
- 30/05/2026, 23:59 **Consistent Battery Levels Suggest Reliable Data:** The battery level remained at 100% throughout the period, indicating consistent power supply and data reliability.
- 30/05/2026, 23:59 **Stable Pressure Conditions Maintained:** Atmospheric pressure remained relatively stable, ranging from 1002.7 hPa to 1011.65 hPa, indicating consistent weather conditions during the reported time.
- 30/05/2026, 23:59 **Sulfur Dioxide (SO₂) Levels are Low:** SO₂ levels are consistently low (2.48 ppb to 6.8 ppb), indicating minimal sulfur-based pollution, contributing to better overall air quality.

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	22	22.12	8.22	8.86	22.72
25/05/2026, 23:59	22	21.52	7.33	8.95	27.32
26/05/2026, 23:59	23	22.77	7.67	10.82	25.32
27/05/2026, 23:59	25	24.7	8.5	9.97	25.49
28/05/2026, 23:59	22	22.01	6.02	7.33	32.51
29/05/2026, 23:59	17	17.44	3.99	6.51	33.51
30/05/2026, 23:59	18	18.44	4.99	12.82	26.62

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	315.08	23.48	1.07	336.78	100	2.54	60.53	6.04	31.21	1009.62
25/05/2026, 23:59	320.3	24.04	1.22	349.81	100	2.5	56.04	5.09	30.29	1011.65
26/05/2026, 23:59	321.68	25.26	0.86	339.66	100	2.48	54.41	5.65	31.66	1009.99
27/05/2026, 23:59	324.98	26.77	0.93	222.38	100	2.63	52.93	5.15	32.55	1003.9
28/05/2026, 23:59	280.98	22.91	2.35	331.17	100	5.6	46.51	3.41	30.9	1002.7
29/05/2026, 23:59	281.22	19.64	1.99	343.77	100	6.8	42.5	2	27.66	1008.26
30/05/2026, 23:59	293.84	20.44	1.54	279.06	100	4.07	49.86	2.58	27.04	1003.34

Oizom will not be responsible for Environmental Data accuracy once Validated