

Primaria Buzias (Sala Sport)

WEEKLY AIR-QUALITY REPORT

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

Timp până la: **24/05/2026, 00:00**

Numele dispozitivului: **Primaria Buzias (Sala Sport)**

Locația dispozitivului: **Strada Principală 10, Buziaș 305100, Romania**

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

Primaria Buzias (Sala Sport)
Strada Principală 10, Buziaș 305100,
Romania



Media indicelui de calitate al aerului (ICA): **26**

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	26	25.17	7.39	28.85	25.72
Maximum	33	31.98	10.86	34.88	33.71
Date	20/05/2026	20/05/2026	20/05/2026	22/05/2026	17/05/2026
Minimum	19	18.6	5.24	21.6	20.58
Date	17/05/2026	17/05/2026	19/05/2026	18/05/2026	22/05/2026

The data shown above is based on Media zilnică .

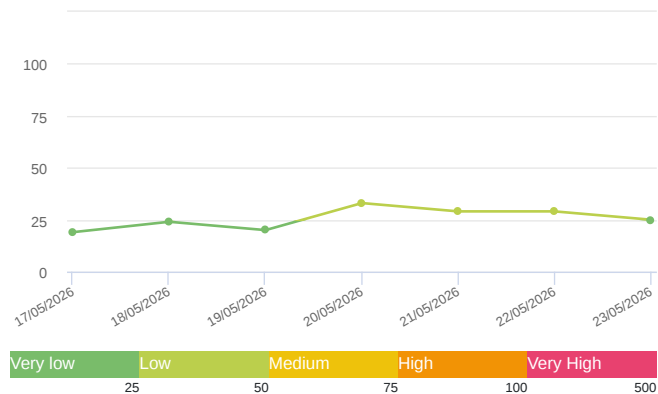
Prezentare generală zilnică: Alți parametri

	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	266.8	19.43	2.57	339.2	100	3.55	64.97	6.17	44.5	1003
Maximum	273.89	23.2	5.76	4.45	100	3.93	80.27	9.52	53.3	1008.48
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	20/05/2026	23/05/2026
Minimum	260.78	16.39	1.24	340.24	100	2.99	56.94	4.18	34.18	991.54
Date	17/05/2026	18/05/2026	19/05/2026	19/05/2026	17/05/2026	23/05/2026	23/05/2026	19/05/2026	17/05/2026	17/05/2026

The data shown above is based on Media zilnică .

Media zilnică

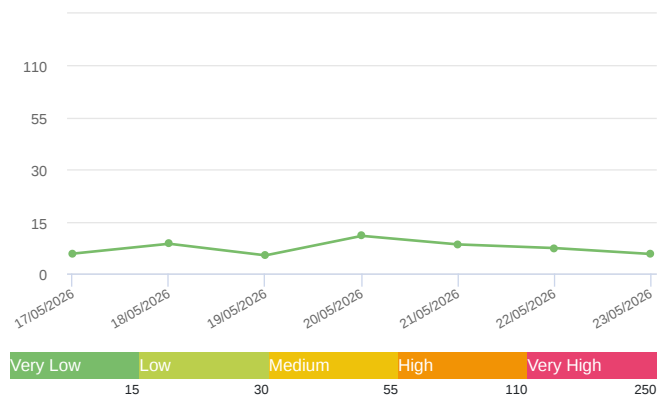
CAQI (AQI)



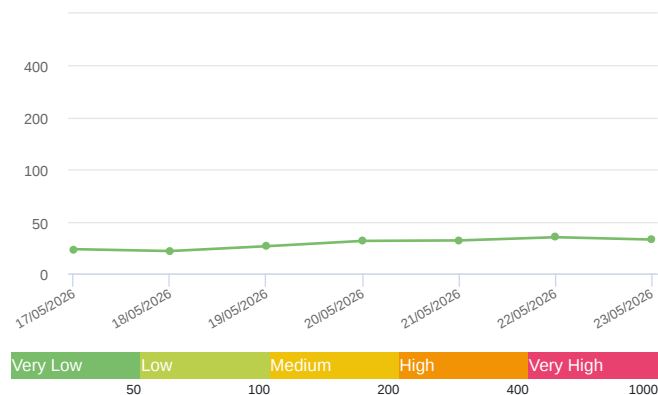
PM₁₀ (μg/m³)



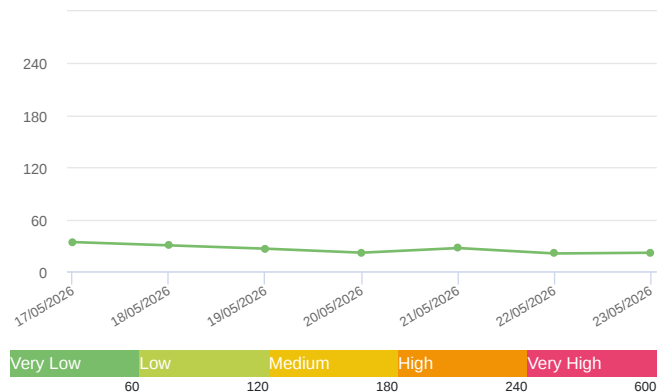
PM_{2.5} (μg/m³)



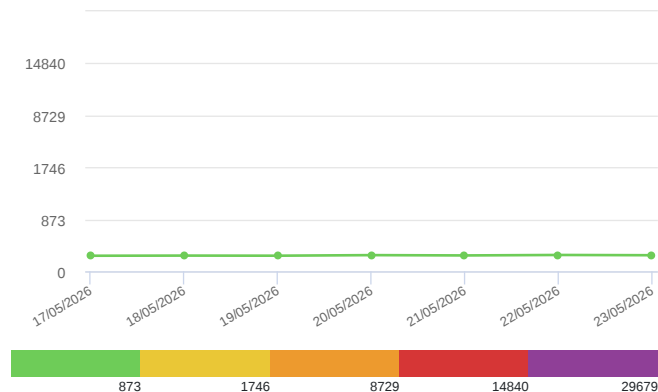
NO₂ (μg/m³)



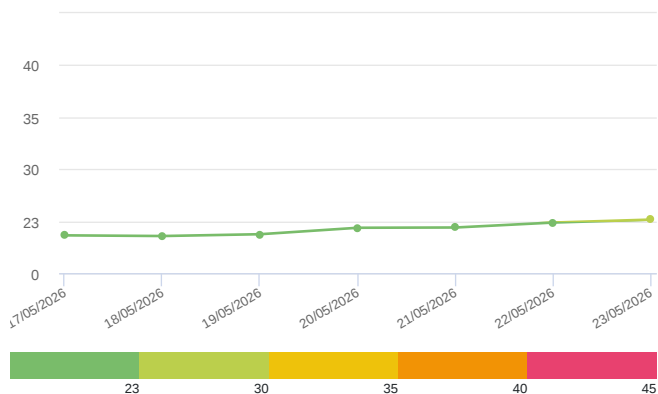
O₃ (μg/m³)



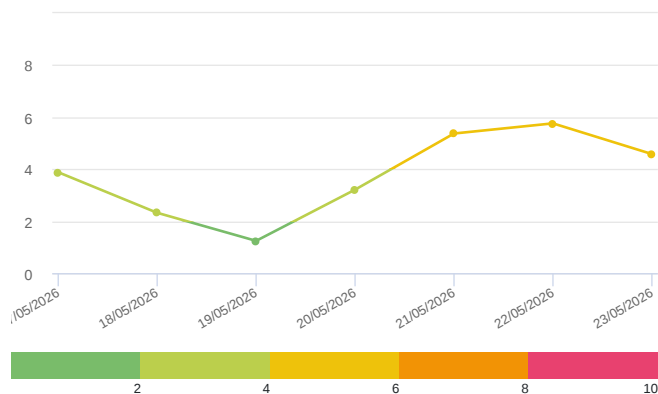
CO (ppb)



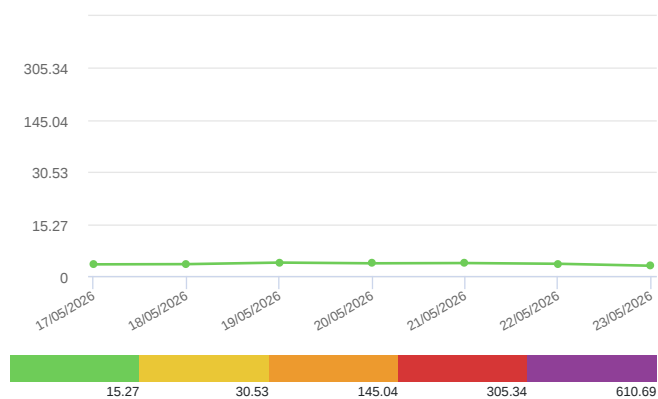
Temperature (°C)



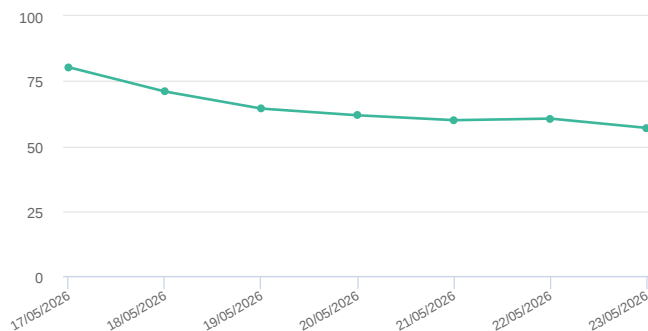
Wind Speed (m/s)



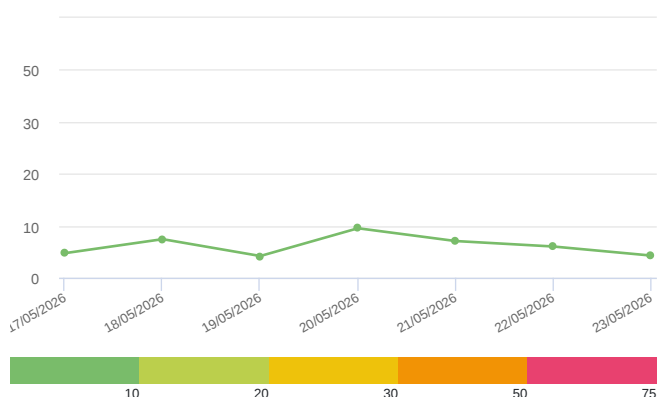
SO₂ (ppb)



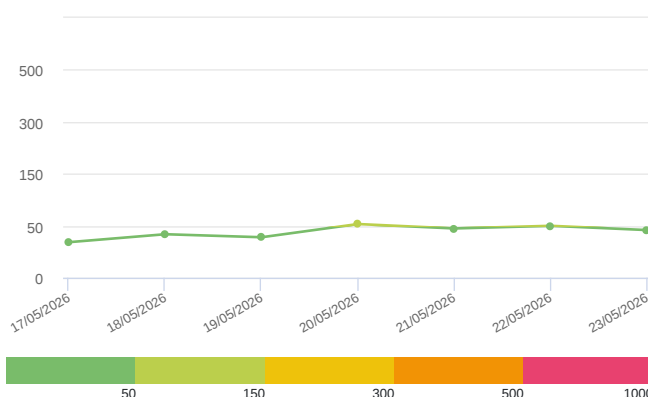
R. Humidity (%)



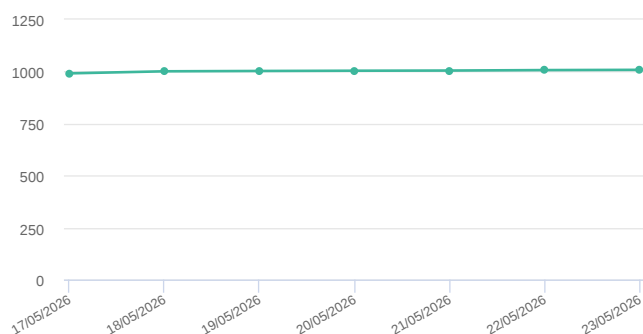
PM₁ (μg/m³)



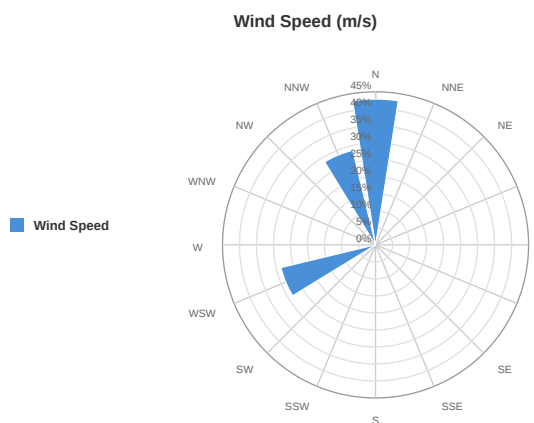
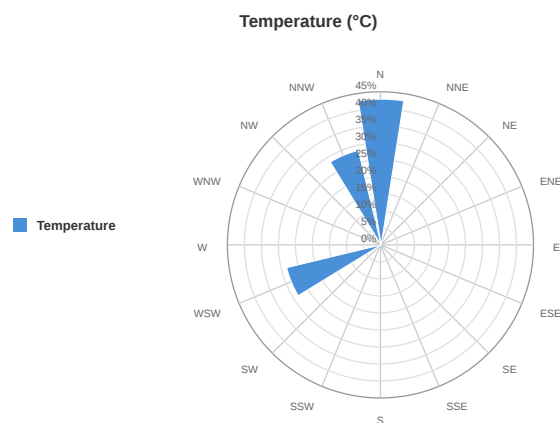
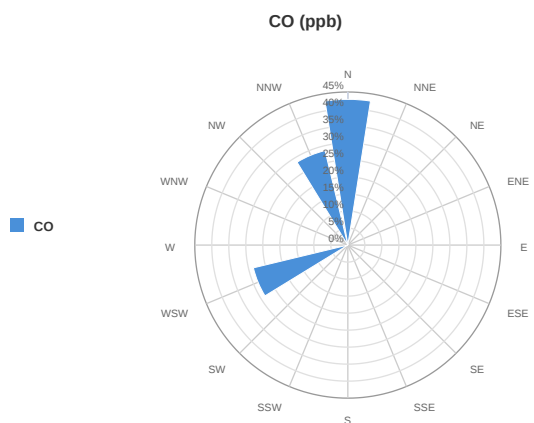
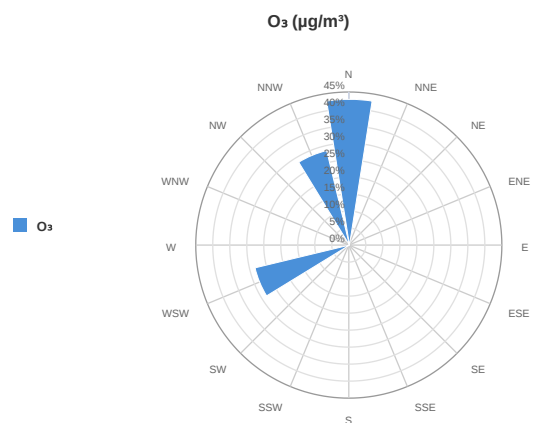
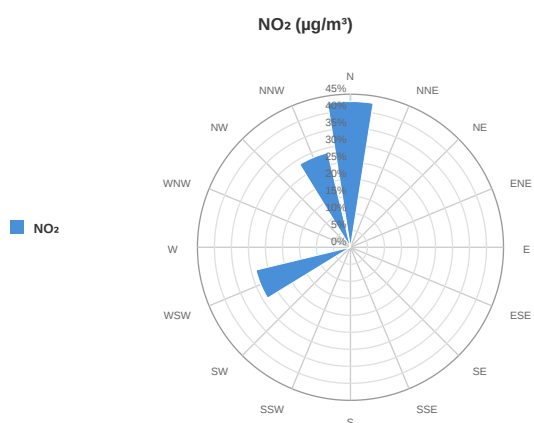
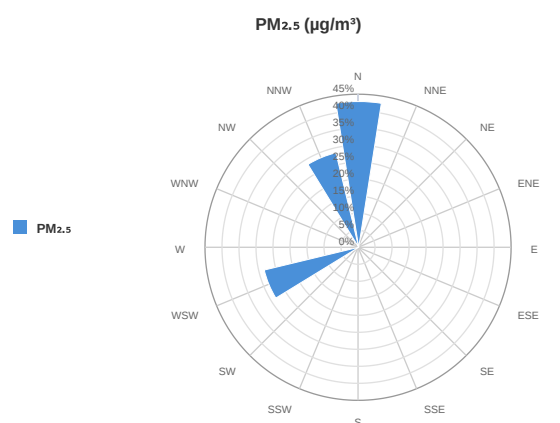
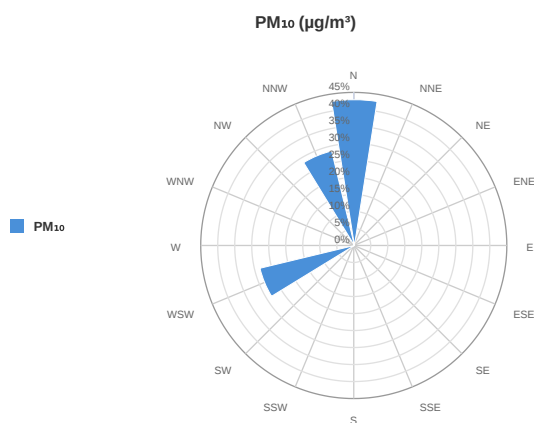
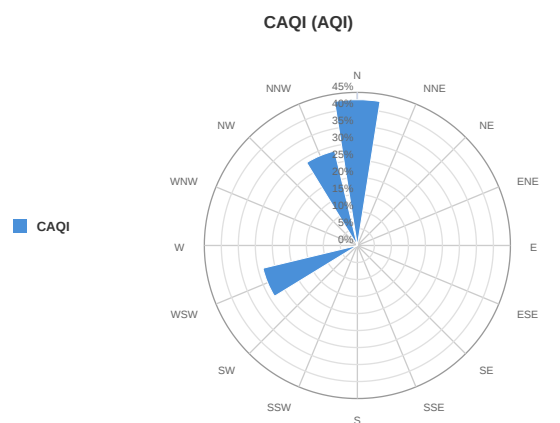
PM₁₀₀ (μg/m³)



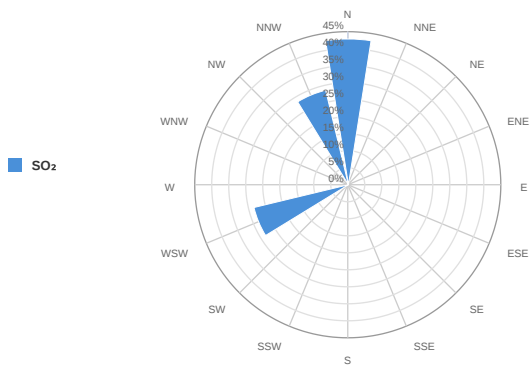
Pressure (hPa)



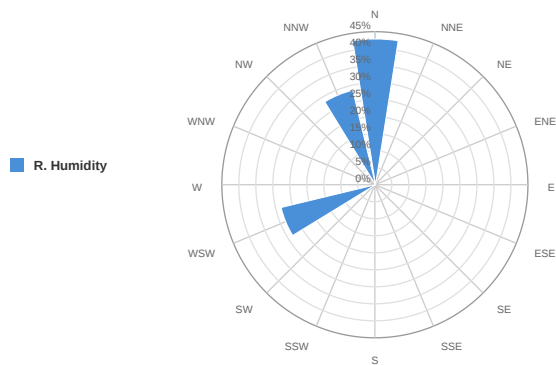
Media zilnică



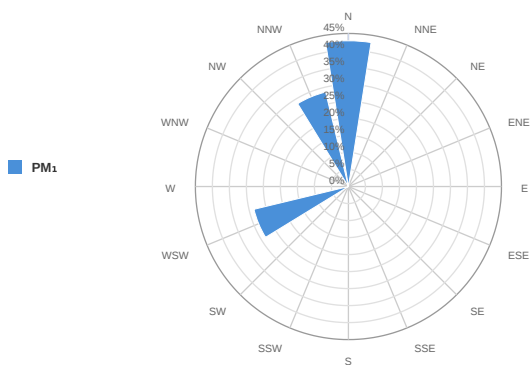
SO₂ (ppb)



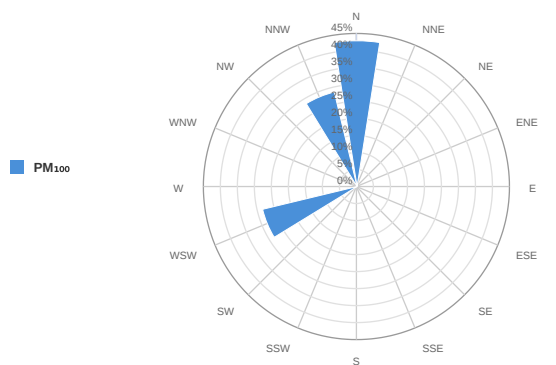
R. Humidity (%)



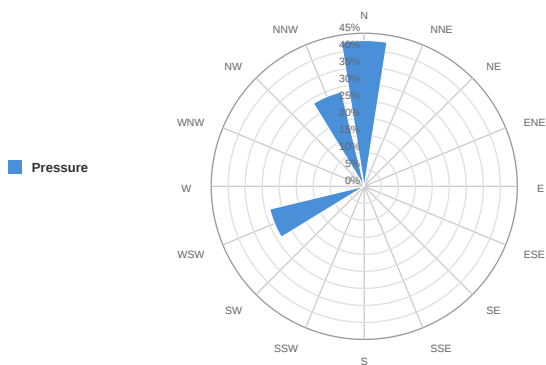
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 23/05/2026, 23:59 **CAQI Primarily in Low to Very Low Range:** The CAQI values are mainly in the 'Low' and 'Very Low' range, indicating generally good air quality during the monitored period. The values varied between 24 and 33.
- 23/05/2026, 23:59 **Nitrogen Dioxide Levels Mostly in Low to Medium Zones:** NO₂ levels were primarily in the 'Low' to 'Medium' zones, ranging from 40.65 µg/m³ to 65.64 µg/m³. This suggests moderate levels of this pollutant.
- 23/05/2026, 23:59 **Ozone Levels Indicate Good Air Quality:** O₃ concentrations ranged from 40.4 µg/m³ to 66.18 µg/m³, placing them primarily in the 'Low' and 'Medium' zones, suggesting acceptable ozone levels.
- 23/05/2026, 23:59 **Fine Particulate Matter (PM_{2.5}) Levels Remain Low:** PM_{2.5} concentrations were consistently low, ranging from 5.24 µg/m³ to 10.86 µg/m³. All recorded values fall within the 'Very Low' zone.
- 23/05/2026, 23:59 **Coarse Particulate Matter (PM₁₀) Levels Show Low Risk:** PM₁₀ levels ranged from 18.6 µg/m³ to 31.98 µg/m³, indicating 'Very Low' to 'Low' pollution. Only one measurement exceeded 30 µg/m³.
- 23/05/2026, 23:59 **Relatively Stable Carbon Monoxide Levels:** Carbon monoxide (CO) levels remained fairly stable, fluctuating between 260.78 ppb and 273.89 ppb. This suggests a consistent CO source.
- 23/05/2026, 23:59 **Humidity Levels Show Moderate Fluctuation:** Relative Humidity varied between 56.94% and 80.27%, influencing the perceived air quality and potential for particle suspension.
- 23/05/2026, 23:59 **Temperature Increase Observed over the Week:** The temperature increased from 16.69°C to 23.2°C over the observed period, which may influence the formation of certain pollutants.
- 23/05/2026, 23:59 **Wind Direction Shifts Predominantly from West:** Wind direction varied between 4.45 and 354.64 degrees, suggesting variable wind patterns that could influence pollutant dispersion.
- 23/05/2026, 23:59 **Pressure increase observed, affecting weather patterns:** Atmospheric pressure increased from 991.54 hPa to 1008.48 hPa, potentially influencing weather conditions and air pollutant concentrations.

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	19	18.6	5.73	23.39	33.71
18/05/2026, 23:59	24	24.41	8.58	21.6	29.92
19/05/2026, 23:59	20	20.32	5.24	26.25	26.11
20/05/2026, 23:59	33	31.98	10.86	31.35	21.49
21/05/2026, 23:59	29	28.6	8.39	31.82	26.82
22/05/2026, 23:59	29	27.73	7.33	34.88	20.58
23/05/2026, 23:59	25	24.53	5.63	32.66	21.41

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	260.78	16.69	3.88	237.19	100	3.4	80.27	4.73	34.18	991.54
18/05/2026, 23:59	263.34	16.39	2.32	247.68	100	3.46	70.93	7.42	41.87	1001.44
19/05/2026, 23:59	262.3	17.2	1.24	340.24	100	3.93	64.38	4.18	38.97	1002.98
20/05/2026, 23:59	271.34	20.06	3.21	338.97	100	3.71	61.8	9.52	53.3	1004.2
21/05/2026, 23:59	266.38	20.16	5.37	354.64	100	3.78	59.93	7.06	47.39	1005.08
22/05/2026, 23:59	273.89	22.35	5.76	4.45	100	3.57	60.53	6.01	49.96	1007.26
23/05/2026, 23:59	269.55	23.2	4.58	8.18	100	2.99	56.94	4.27	45.83	1008.48

Oizom will not be responsible for Environmental Data accuracy once Validated