

Primaria Ortisoara

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Ortisoara**
Locația dispozitivului: **DN69 258/A, Orțișoara 307305, Romania**

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

Primaria Ortisoara
DN69 258/A, Orțișoara 307305,
Romania



Media indicelui de calitate al aerului (ICA): **39**

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	39	21.31	6.89	20.75	93.32
Maximum	53	24.5	9.08	28.36	125.28
Date	22/05/2026	20/05/2026	20/05/2026	23/05/2026	22/05/2026
Minimum	27	18.23	5.19	13.14	61.37
Date	23/05/2026	19/05/2026	19/05/2026	22/05/2026	23/05/2026

The data shown above is based on Media zilnică .

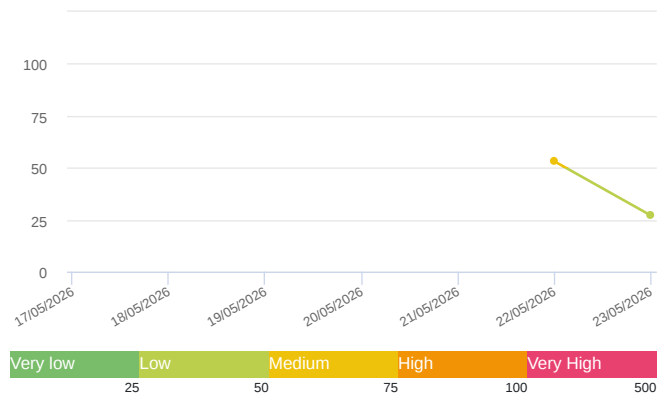
Prezentare generală zilnică: Alți parametri

	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	334.83	19.81	3.94	353.18	100	0	61.19	5.43	34.58	1008.8
Maximum	356.9	23.1	7.34	9.24	100	0	82.13	7.73	37.57	1009.25
Date	22/05/2026	23/05/2026	22/05/2026	22/05/2026	17/05/2026	22/05/2026	17/05/2026	20/05/2026	20/05/2026	23/05/2026
Minimum	312.76	16.4	1.5	348.59	100	0	50.45	3.5	31.42	1008.35
Date	23/05/2026	17/05/2026	19/05/2026	19/05/2026	17/05/2026	22/05/2026	23/05/2026	23/05/2026	23/05/2026	22/05/2026

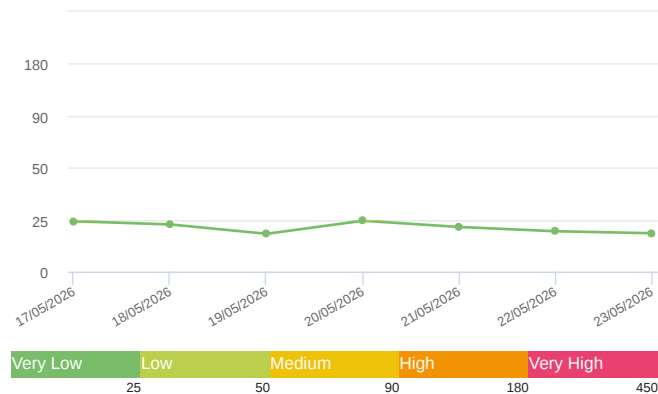
The data shown above is based on Media zilnică .

Media zilnică

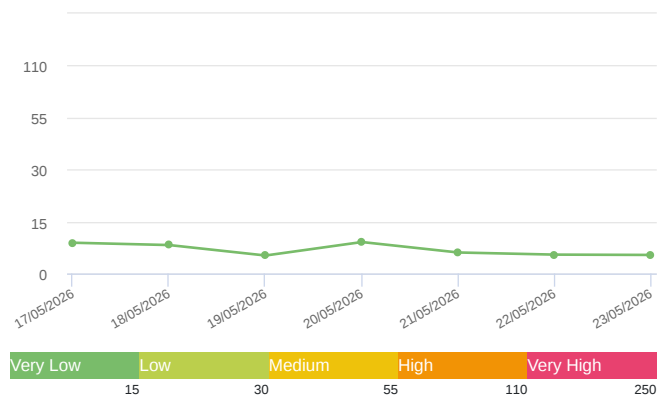
CAQI (AQI)



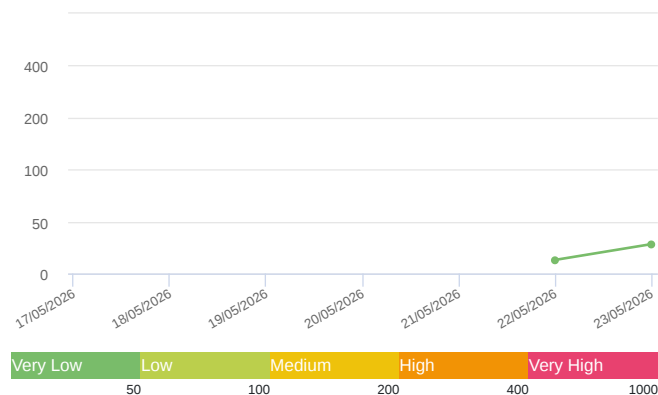
PM₁₀ (μg/m³)



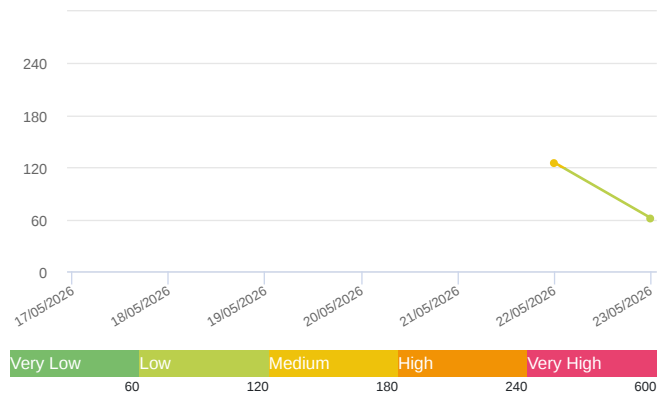
PM_{2.5} (μg/m³)



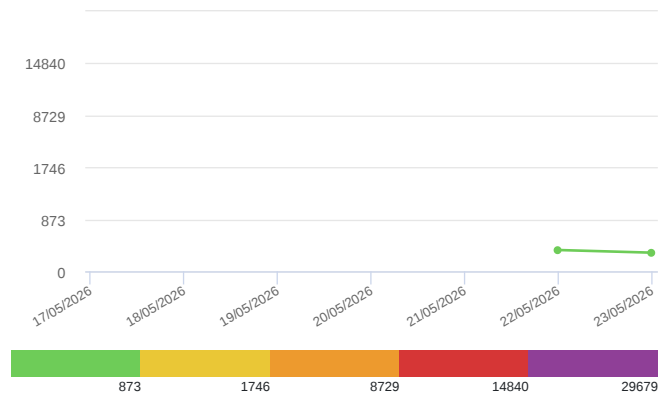
NO₂ (μg/m³)



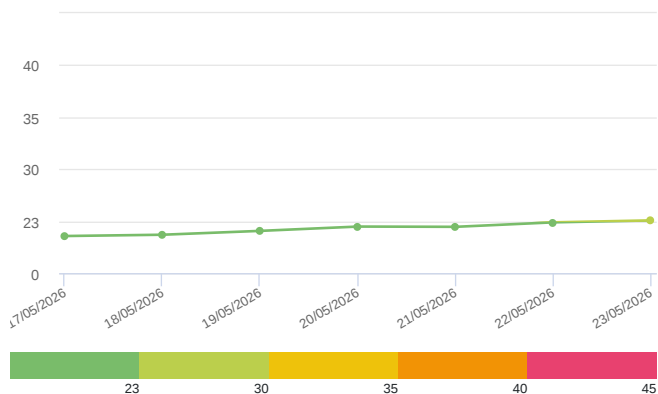
O₃ (μg/m³)



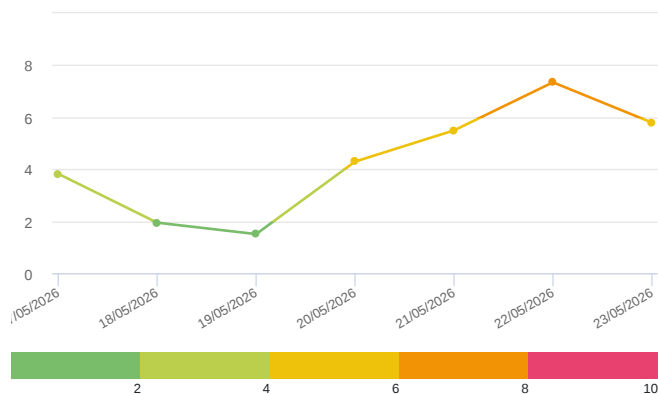
CO (ppb)



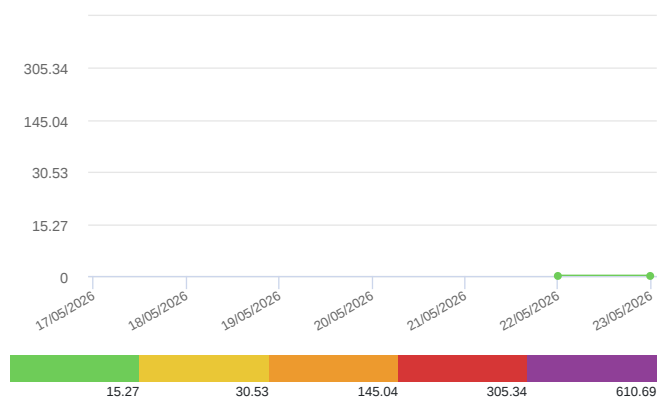
Temperature (°C)



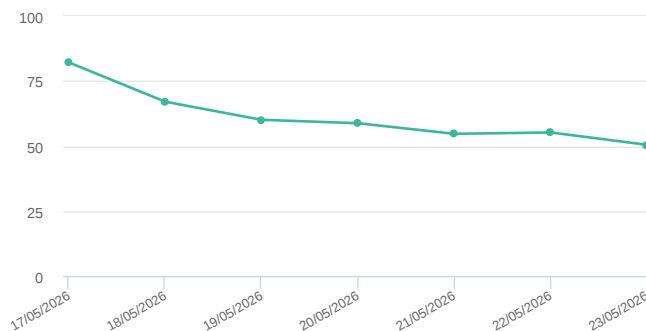
Wind Speed (m/s)



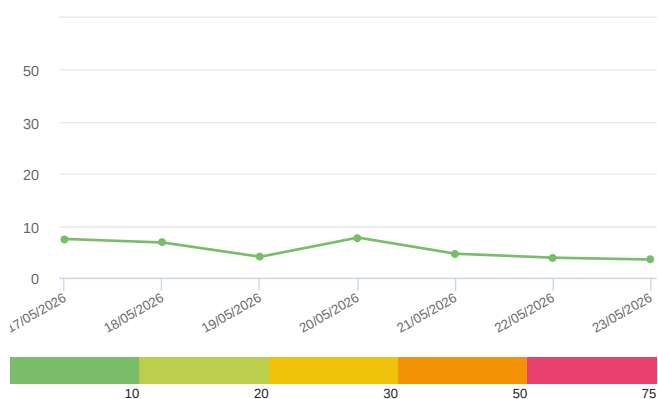
SO₂ (ppb)



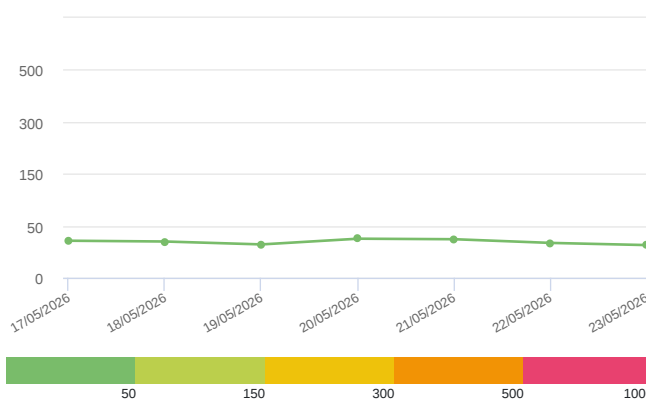
R. Humidity (%)



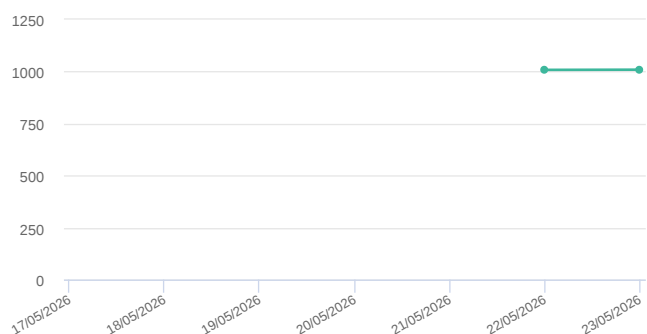
PM₁ (μg/m³)



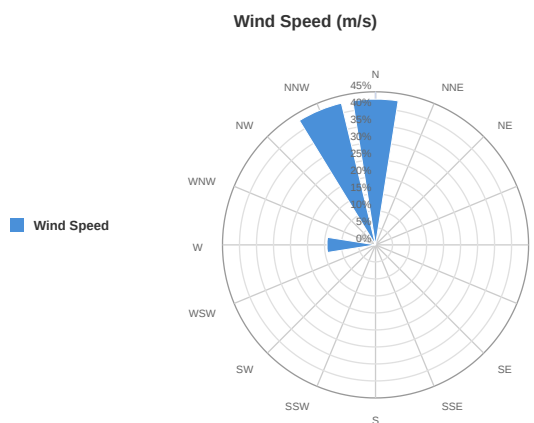
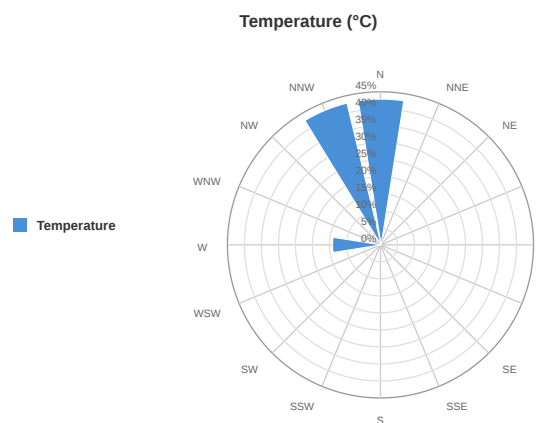
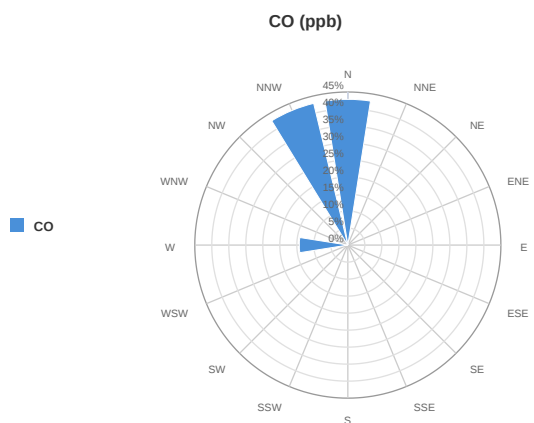
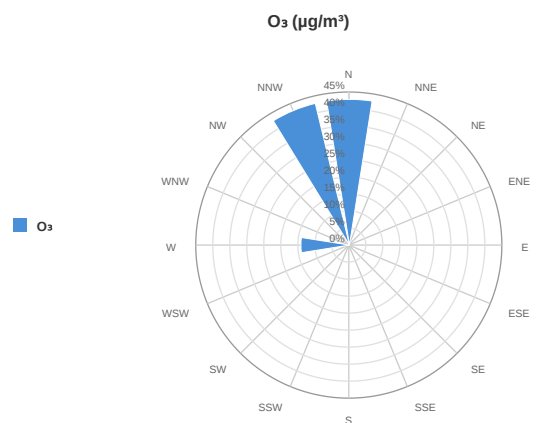
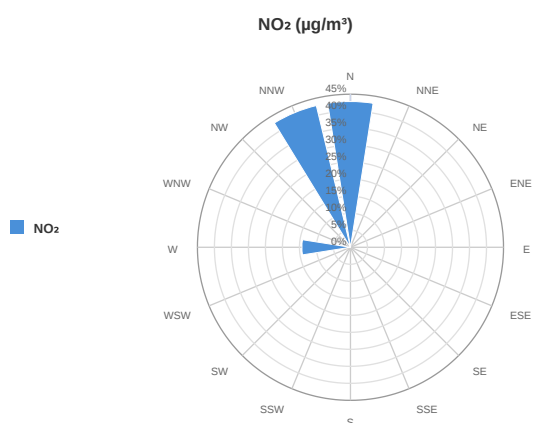
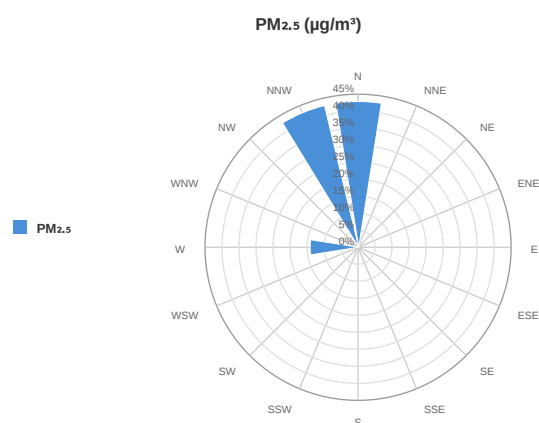
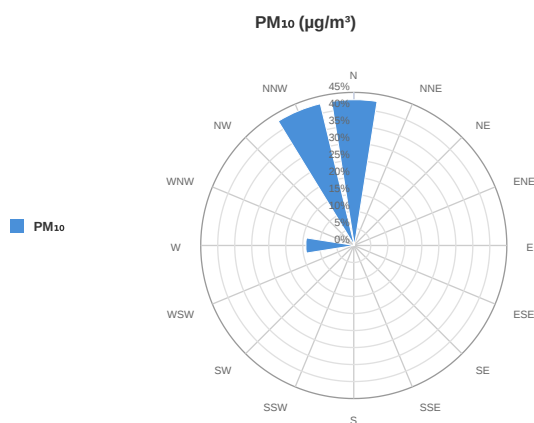
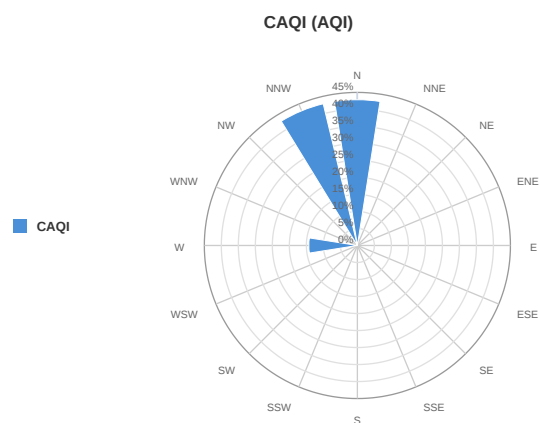
PM₁₀₀ (μg/m³)



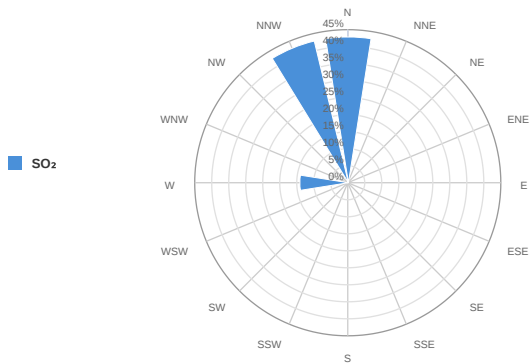
Pressure (HPa)



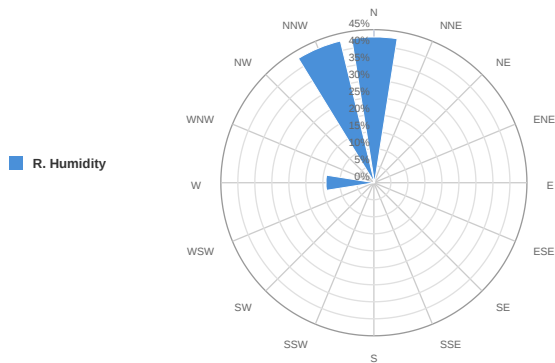
Media zilnică



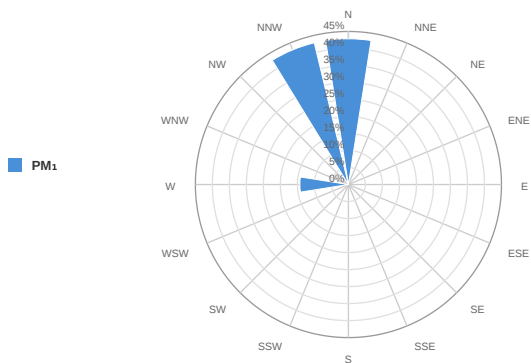
SO₂ (ppb)



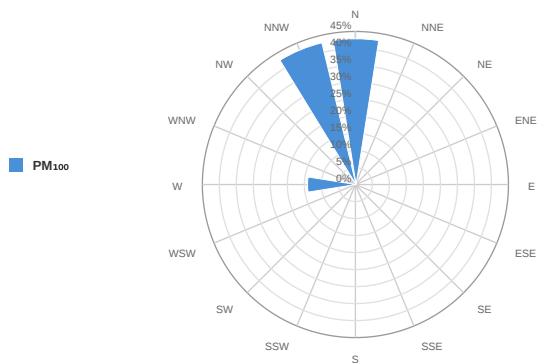
R. Humidity (%)



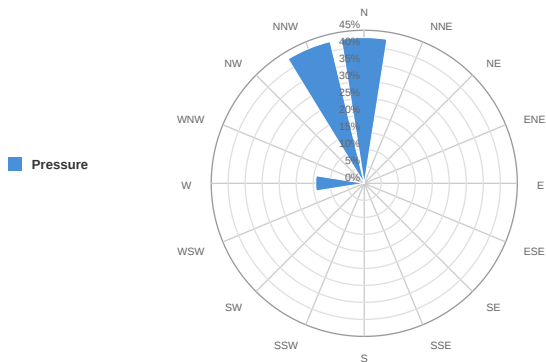
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 22/05/2026, 23:59 **CAQI Spiked to Very High on May 22, 2026:** CAQI reached 'Very High' levels (108) on May 22, 2026, driven by high ozone (245.95 $\mu\text{g}/\text{m}^3$) and CO (356.9 ppb) levels, indicating potential pollution event. Wind speed also increased on that day.
- 22/05/2026, 23:59 **Ozone Levels Reached Very High on May 22, 2026:** Ozone concentration reached a very high level of 245.95 $\mu\text{g}/\text{m}^3$ on May 22, 2026. This exceeds the 'Very High' threshold (>122.26 $\mu\text{g}/\text{m}^3$) and may pose health risks.
- 21/05/2026, 23:59 **CAQI Remained Low Before May 22, 2026:** Prior to May 22, the CAQI values were missing, suggesting they remained in the 'Very Low' to 'Low' ranges, as parameters used to calculate CAQI are low.
- 23/05/2026, 23:59 **Medium AQI Levels on May 23 Attributed to NO₂ and Ozone:** On May 23, 2026, the CAQI fell to medium (51). This corresponds to ozone (120.48 $\mu\text{g}/\text{m}^3$) being closer to the 'Very High' threshold and NO₂ at 53.37 $\mu\text{g}/\text{m}^3$ falling into 'Medium' range.
- 23/05/2026, 23:59 **PM_{2.5} Consistently Very Low Across All Days:** PM_{2.5} levels remained consistently 'Very Low' (below 15 $\mu\text{g}/\text{m}^3$) throughout the observed period, ranging from 5.19 to 9.08 $\mu\text{g}/\text{m}^3$, indicating good air quality regarding fine particulate matter.
- 23/05/2026, 23:59 **PM₁₀ Remained in 'Very Low' or 'Low' Zone:** PM₁₀ concentration ranged from 18.23 to 24.5 $\mu\text{g}/\text{m}^3$ between May 17 and May 23, all within 'Very Low' and 'Low' categories, signifying generally good air quality with respect to coarse particulate matter.
- 23/05/2026, 23:59 **Temperature Increased from May 17 to May 23:** The temperature showed an increasing trend from 16.4°C on May 17 to 23.1°C on May 23, which could potentially correlate with changes in pollutant concentrations.
- 23/05/2026, 23:59 **Wind Direction Predominantly from North-Northwest:** Wind direction was predominantly from the North-Northwest (around 330-360 degrees) except May 18. Knowing source locations in that direction could help identify pollution origins.
- 23/05/2026, 23:59 **Humidity Fluctuated, Potentially Influencing Pollutant Dispersion:** Relative humidity varied from 50.45% to 82.13% during the observed period. This variation in humidity could affect the dispersion and chemical reactions of pollutants.
- 23/05/2026, 23:59 **SO₂ Levels Consistently Zero:** SO₂ levels remained consistently at 0 ppb throughout the observed period, suggesting minimal sulfur dioxide pollution, which could indicate the absence of certain industrial activities.

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		24.26	8.88		
18/05/2026, 23:59		22.72	8.2		
19/05/2026, 23:59		18.23	5.19		
20/05/2026, 23:59		24.5	9.08		
21/05/2026, 23:59		21.49	6.06		
22/05/2026, 23:59	53	19.44	5.45	13.14	125.28
23/05/2026, 23:59	27	18.51	5.36	28.36	61.37

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		16.4	3.82	331.09	100		82.13	7.46	35.6	
18/05/2026, 23:59		16.98	1.94	271.11	100		67.03	6.78	34.87	
19/05/2026, 23:59		18.68	1.5	348.59	100		60.07	4.03	32.07	
20/05/2026, 23:59		20.58	4.29	344.36	100		58.75	7.73	37.57	
21/05/2026, 23:59		20.47	5.49	356.73	100		54.68	4.62	37.03	
22/05/2026, 23:59	356.9	22.44	7.34	9.24	100	0	55.2	3.86	33.5	1008.35
23/05/2026, 23:59	312.76	23.1	5.79	10.89	100	0	50.45	3.5	31.42	1009.25

Oizom will not be responsible for Environmental Data accuracy once Validated