

Primaria Jimbolia (Piata Alimentara)

WEEKLY AIR-QUALITY REPORT

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

Timp până la: **24/05/2026, 00:00**

Numele dispozitivului: **Primaria Jimbolia (Piata Alimentara)**

Locația dispozitivului: **Strada Gheorghe Doja 4, Jimbolia 305400, Romania**

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

Primaria Jimbolia (Piata Alimentara)
Strada Gheorghe Doja 4, Jimbolia
305400, Romania



Media indicelui de calitate al aerului (ICA): **32**

Prezentare generală zilnică: Parametrii indicelui de calitate al aerului (ICA)

	CAQI AQI	PM ₁₀ µg/m³	PM _{2.5} µg/m³	NO ₂ µg/m³	O ₃ µg/m³
Average	32	17.64	8.49	47.85	76.06
Maximum	36	21.71	11.01	53.4	86.14
Date	21/05/2026	20/05/2026	19/05/2026	17/05/2026	21/05/2026
Minimum	28	11.54	5	43.35	65.92
Date	17/05/2026	18/05/2026	18/05/2026	23/05/2026	17/05/2026

The data shown above is based on Media zilnică .

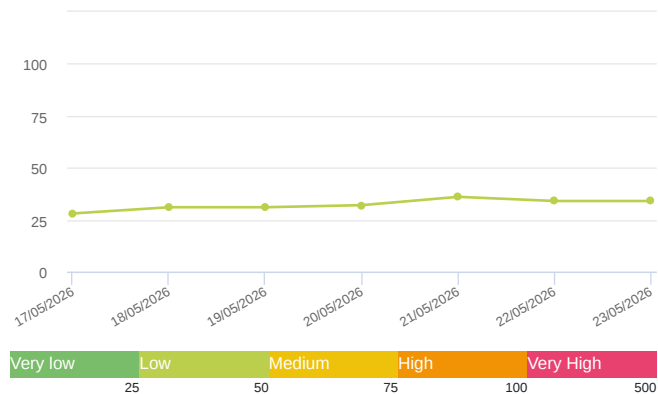
Prezentare generală zilnică: Alți parametri

	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	280.83	20	4.28	347.26	100	0	60.53	7.27	21.77	1008.45
Maximum	298.62	23.62	7.02	9.22	100	0	83.02	9.85	25.95	1014.09
Date	23/05/2026	23/05/2026	22/05/2026	22/05/2026	17/05/2026	17/05/2026	17/05/2026	19/05/2026	20/05/2026	23/05/2026
Minimum	268.24	15.51	2.02	341.01	100	0	50.24	4.08	14.9	997.07
Date	18/05/2026	17/05/2026	19/05/2026	19/05/2026	17/05/2026	17/05/2026	23/05/2026	18/05/2026	18/05/2026	17/05/2026

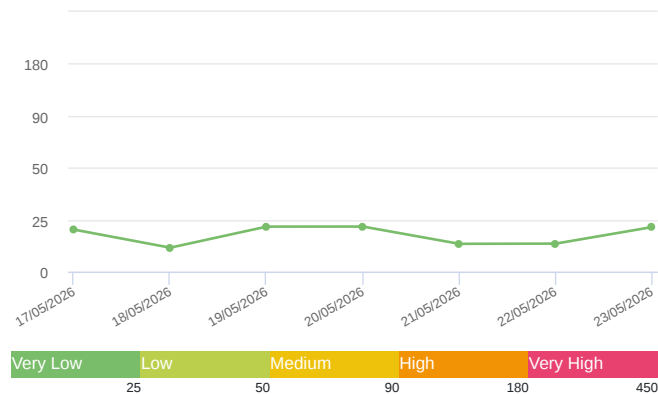
The data shown above is based on Media zilnică .

Media zilnică

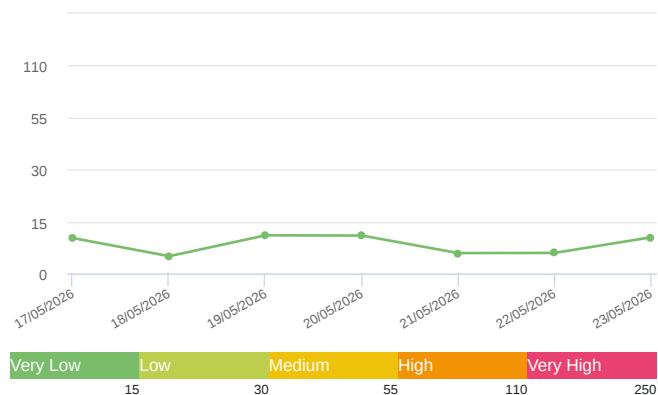
CAQI (AQI)



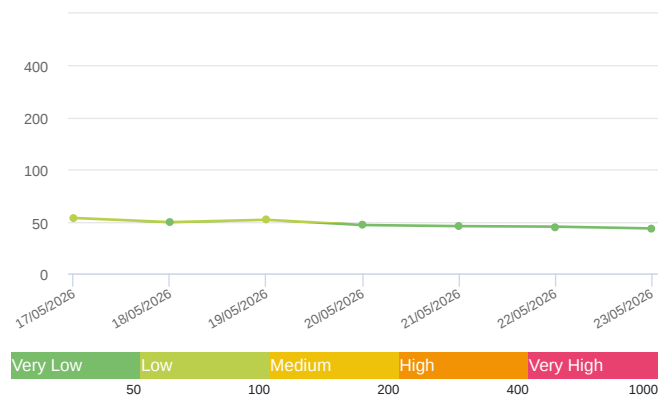
PM₁₀ (μg/m³)



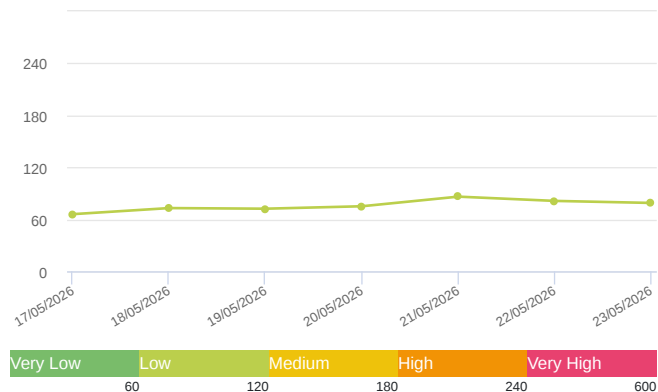
PM_{2.5} (μg/m³)



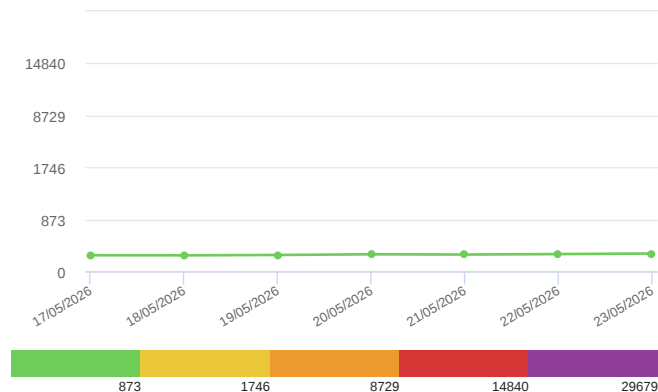
NO₂ (μg/m³)



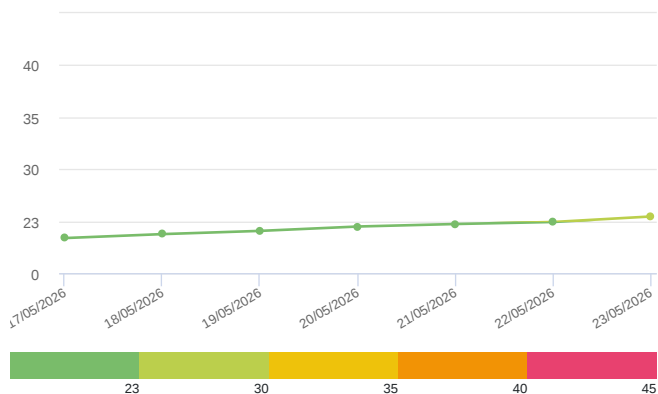
O₃ (μg/m³)



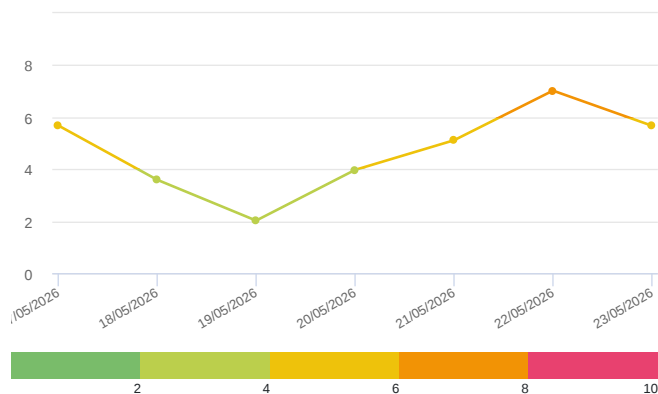
CO (ppb)



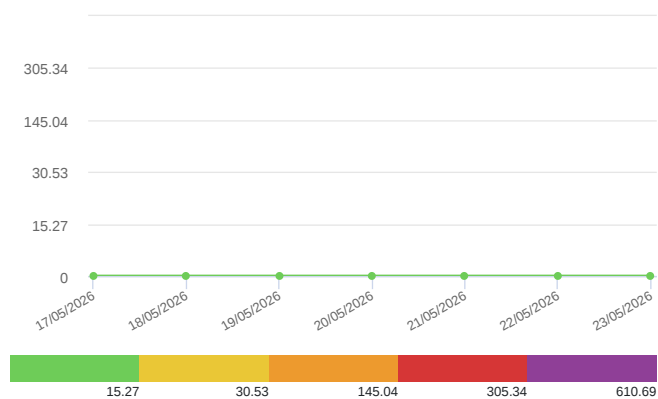
Temperature (°C)



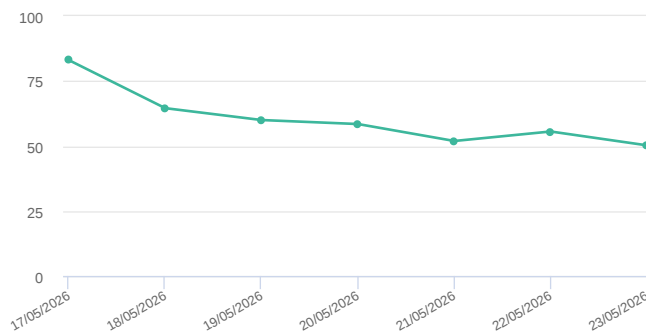
Wind Speed (m/s)



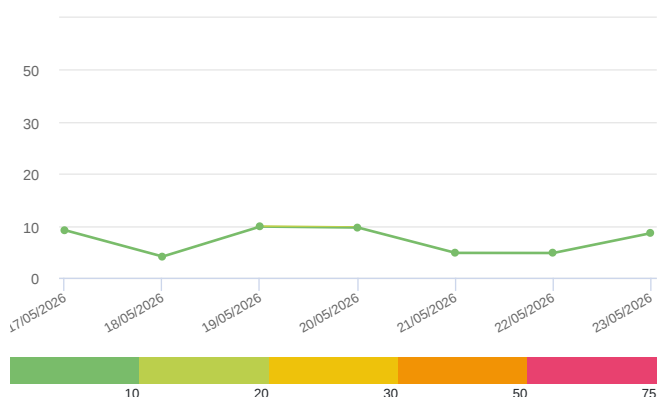
SO₂ (ppb)



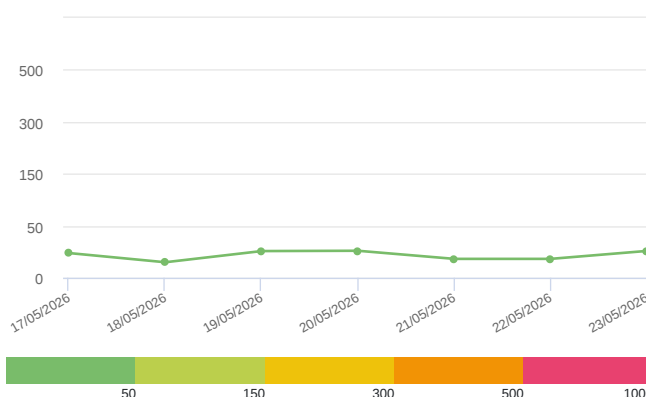
R. Humidity (%)



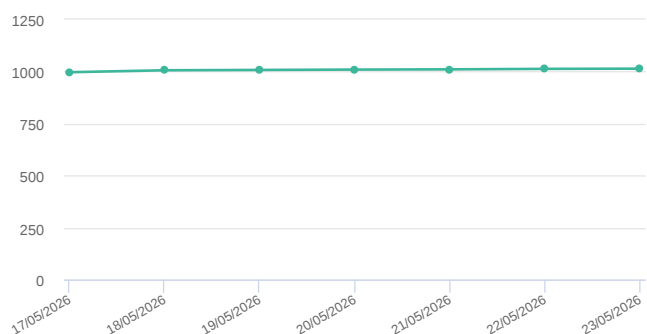
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)

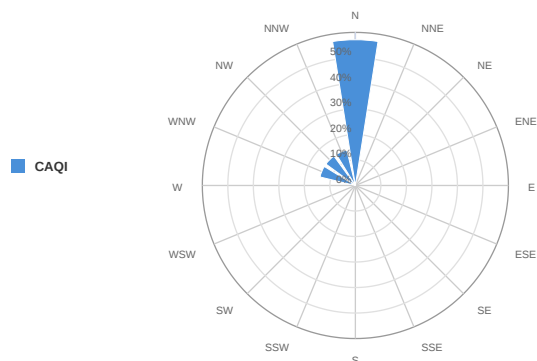


Pressure (hPa)

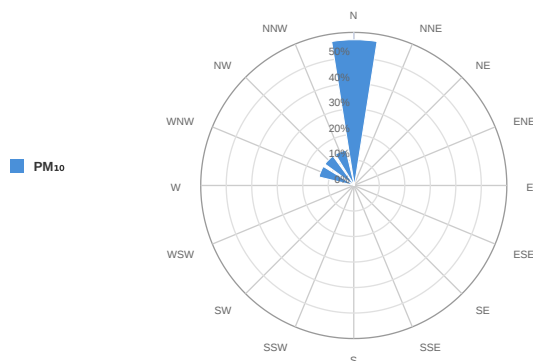


Media zilnică

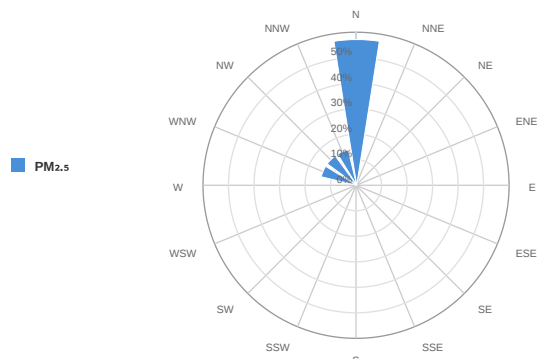
CAQI (AQI)



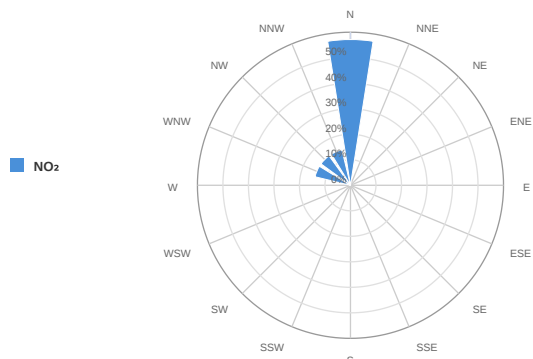
PM₁₀ (μg/m³)



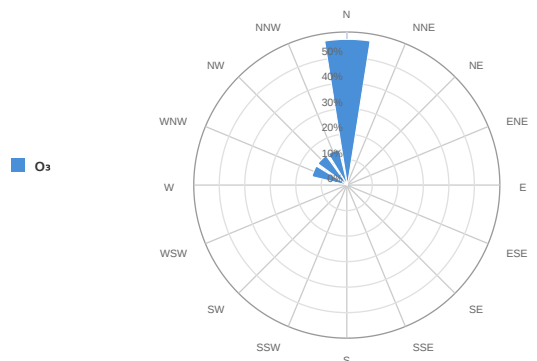
PM_{2.5} (μg/m³)



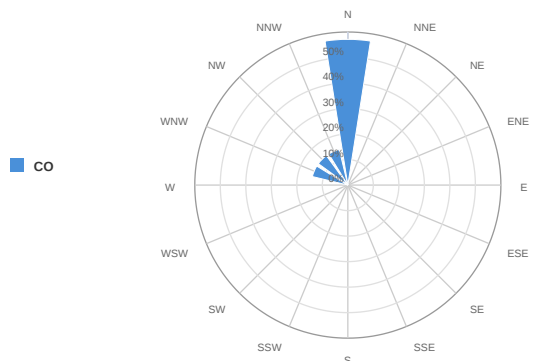
NO₂ (μg/m³)



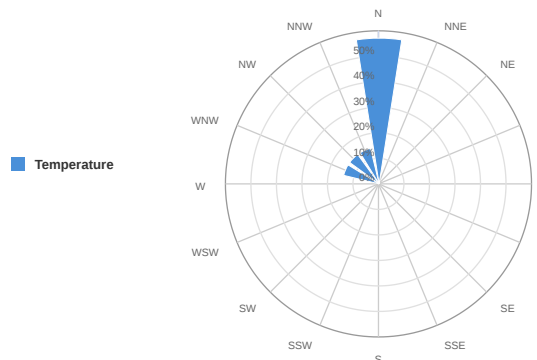
O₃ (μg/m³)



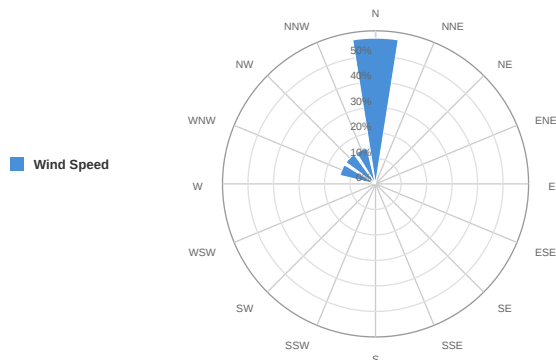
CO (ppb)



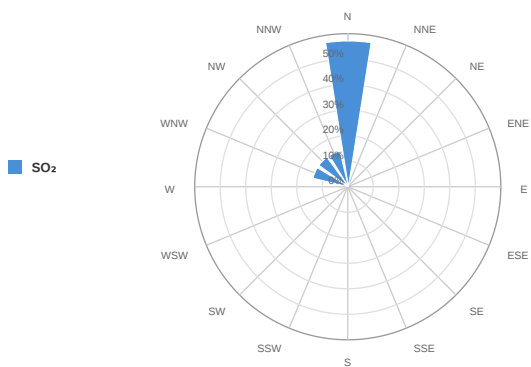
Temperature (°C)



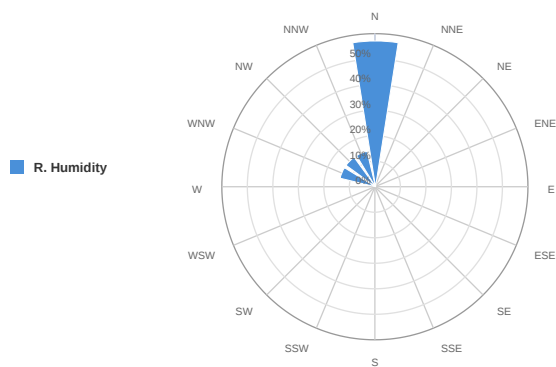
Wind Speed (m/s)



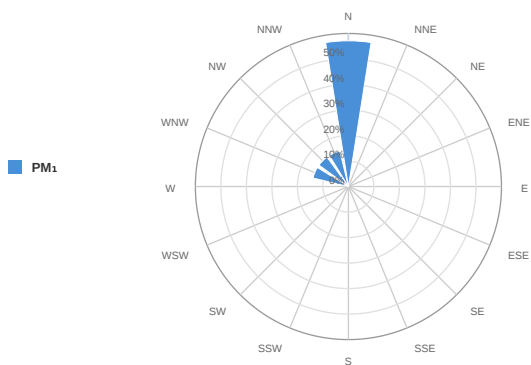
SO₂ (ppb)



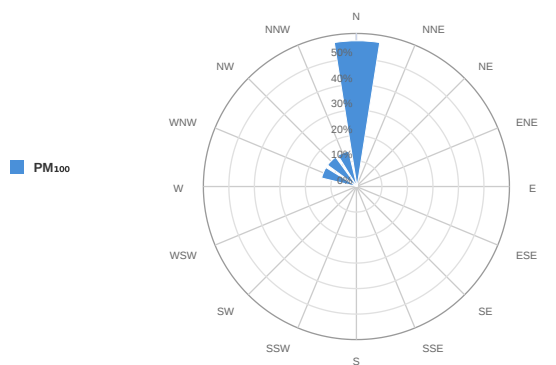
R. Humidity (%)



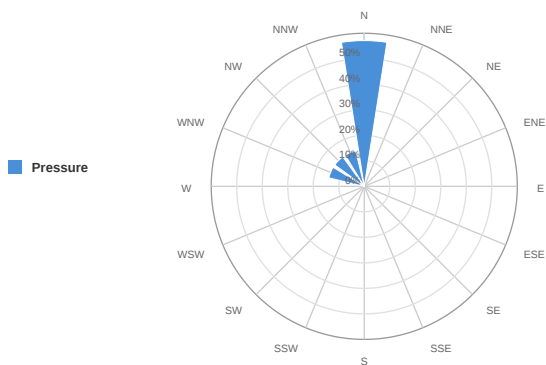
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 23/05/2026, 23:59 **Consistent Medium Air Quality Observed:** The CAQI consistently falls within the 'Medium' range (55-71) throughout the observed period, indicating a persistent moderate level of air pollution.
- 23/05/2026, 23:59 **Ozone Levels Consistently Elevated:** Ozone (O_3) concentrations remain high across all recordings, consistently exceeding $122 \mu g/m^3$, placing them in the 'Very High' zone and suggesting significant photochemical activity.
- 23/05/2026, 23:59 **PM_{2.5} Concentrations in 'Very Low' to 'Low' range:** PM_{2.5} concentrations are relatively low, ranging from 5 to $11.01 \mu g/m^3$, mostly within the 'Very Low' and 'Low' zones, suggesting limited fine particulate matter pollution.
- 23/05/2026, 23:59 **PM₁₀ Concentrations in 'Very Low' to 'Low' range:** PM₁₀ concentrations stay in the 'Very Low' to 'Low' zones, ranging from 11.54 to $21.71 \mu g/m^3$. There is very little variance in PM₁₀ measurements.
- 23/05/2026, 23:59 **NO₂ Levels Approaching High Zone:** Nitrogen Dioxide (NO_2) levels approach the 'High' zone, with concentrations ranging from 81.58 to $100.49 \mu g/m^3$. This suggests significant pollution from combustion sources.
- 23/05/2026, 23:59 **Wind Direction Varies Significantly:** Wind direction changes significantly from 324.9 to 10.36 degrees. This variability might influence the dispersion of pollutants and the distribution of pollution.
- 23/05/2026, 23:59 **Temperature Gradual Increase Detected:** Temperature gradually increases from $15.51^\circ C$ to $23.62^\circ C$. This increase potentially contributes to elevated ozone formation observed.
- 23/05/2026, 23:59 **Stable Atmospheric Pressure:** Atmospheric pressure remains relatively stable, ranging from 997.07 hPa to 1014.09 hPa. The pressure may be influencing the pollutant concentration.
- 23/05/2026, 23:59 **Zero Sulfur Dioxide Detected:** Sulfur Dioxide (SO_2) levels are consistently reported as 0 ppb across all observations. The lack of SO_2 is notable given the presence of other pollutants.
- 23/05/2026, 23:59 **High Relative Humidity Possible Impact:** High relative humidity, ranging from 50.24% to 83.02% , may influence the formation and persistence of certain pollutants, particularly particulate matter.

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	28	20.25	10.23	53.4	65.92
18/05/2026, 23:59	31	11.54	5	49.41	72.96
19/05/2026, 23:59	31	21.67	11.01	51.67	72.22
20/05/2026, 23:59	32	21.71	10.95	46.59	75.06
21/05/2026, 23:59	36	13.39	5.9	45.53	86.14
22/05/2026, 23:59	34	13.5	5.94	45.03	81.22
23/05/2026, 23:59	34	21.44	10.44	43.35	78.91

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	270.08	15.51	5.68	324.9	100	0	83.02	9.15	23.77	997.07
18/05/2026, 23:59	268.24	17.24	3.59	289.12	100	0	64.55	4.08	14.9	1006.39
19/05/2026, 23:59	273.8	18.68	2.02	341.01	100	0	59.98	9.85	25.65	1008.01
20/05/2026, 23:59	285.43	20.6	3.97	351.32	100	0	58.44	9.66	25.95	1009.69
21/05/2026, 23:59	280.81	21.72	5.11	350.52	100	0	51.92	4.78	18.17	1010.79
22/05/2026, 23:59	288.8	22.61	7.02	9.22	100	0	55.57	4.76	18.15	1013.11
23/05/2026, 23:59	298.62	23.62	5.67	10.36	100	0	50.24	8.58	25.81	1014.09

Oizom will not be responsible for Environmental Data accuracy once Validated