

Primaria Jimbolia (Piata Alimentara)

WEEKLY AIR-QUALITY REPORT

Timp de la: **10/05/2026, 00:00**
Timp până la: **17/05/2026, 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): **31**

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	31	16.39	7.4	50.51	71.27
Maximum	34	22.15	10.35	57.54	80.65
Date	13/05/2026	11/05/2026	10/05/2026	16/05/2026	13/05/2026
Minimum	28	11.74	5	43.84	64.34
Date	11/05/2026	15/05/2026	15/05/2026	10/05/2026	11/05/2026

The data shown above is based on Media zilnică .

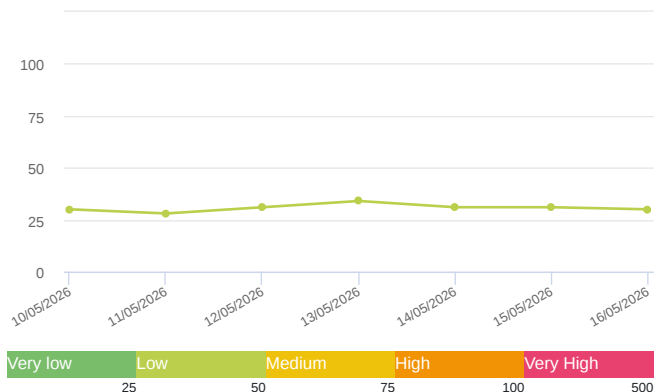
Prezentare generală zilnică: Alți parametri

	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	271.75	18.18	1.34	207.03	100	0	62.22	6.02	20.89	997.74
Maximum	288.88	22.4	5.06	299.53	100	0	72.79	8.98	27.95	1005.31
Date	11/05/2026	10/05/2026	13/05/2026	13/05/2026	10/05/2026	10/05/2026	16/05/2026	10/05/2026	11/05/2026	10/05/2026
Minimum	253.51	12.99	1.16	101.33	100	0	52.21	3.83	16.09	992.08
Date	12/05/2026	13/05/2026	10/05/2026	10/05/2026	10/05/2026	10/05/2026	14/05/2026	15/05/2026	15/05/2026	16/05/2026

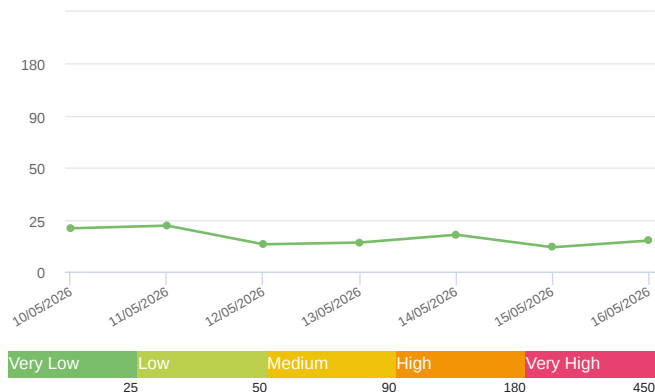
The data shown above is based on Media zilnică .

Media zilnică

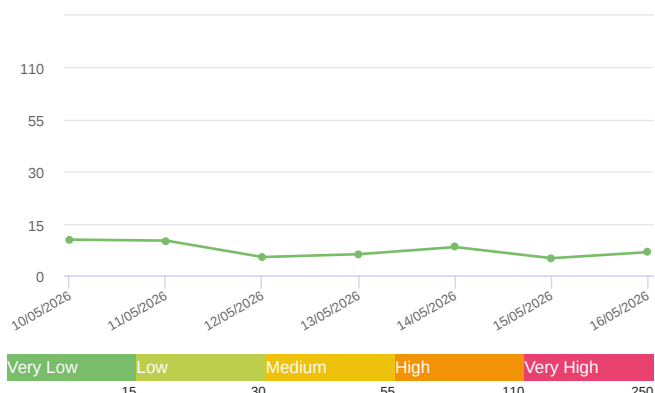
CAQI (AQI)



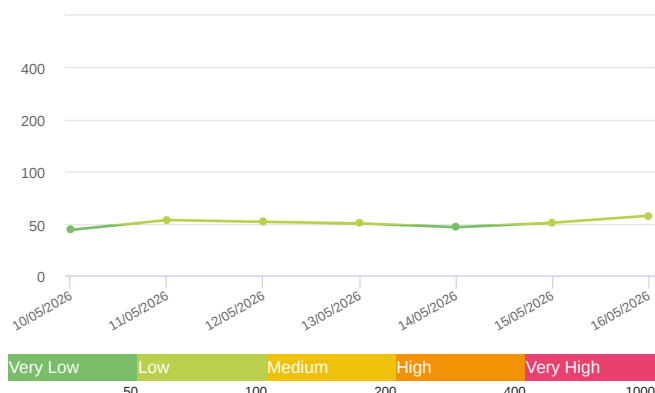
PM₁₀ (μg/m³)



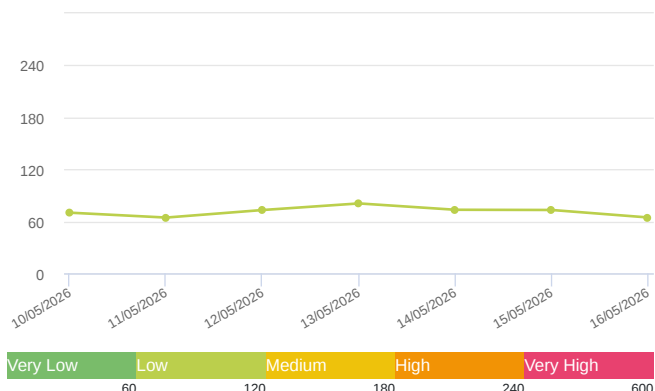
PM_{2.5} (μg/m³)



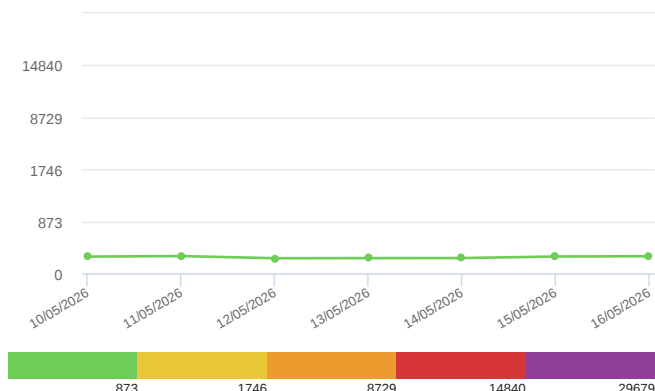
NO₂ (μg/m³)



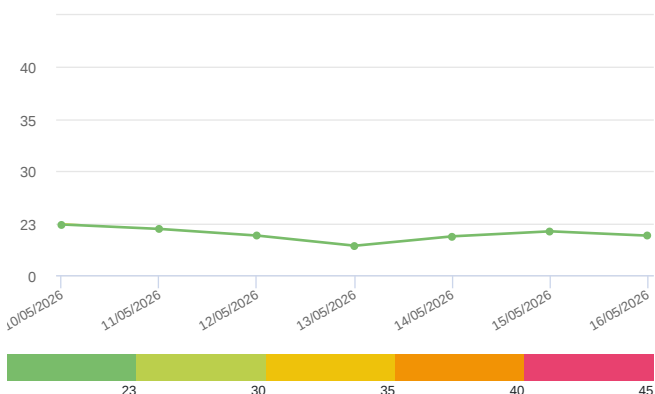
O₃ (μg/m³)



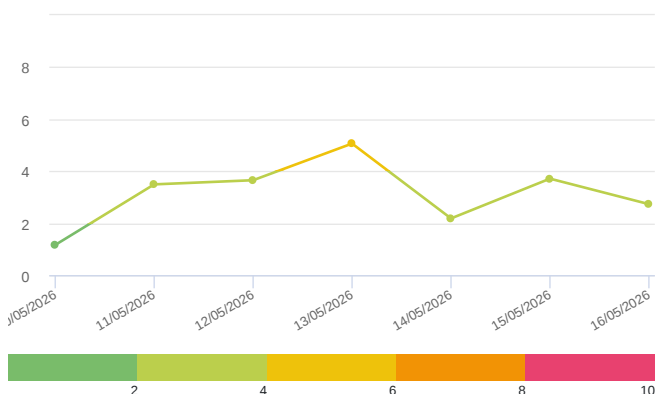
CO (ppb)



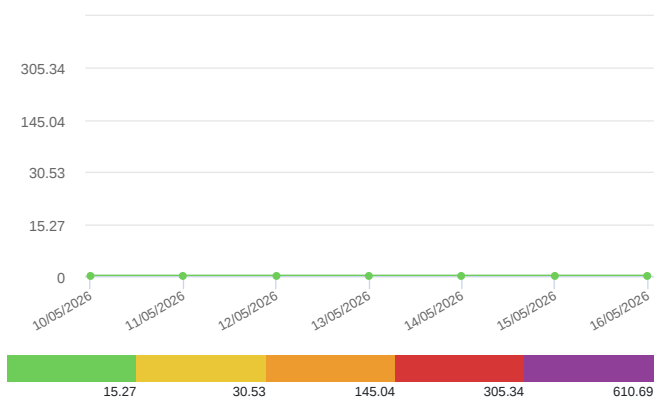
Temperature (°C)



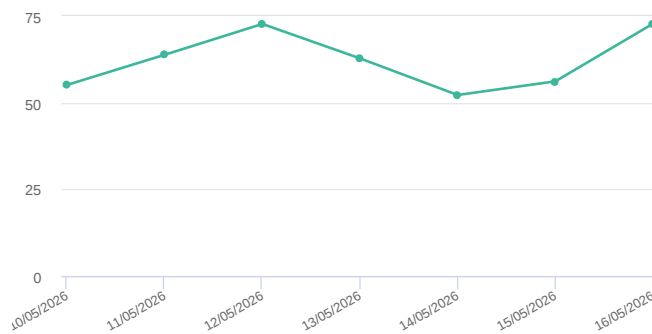
Wind Speed (m/s)



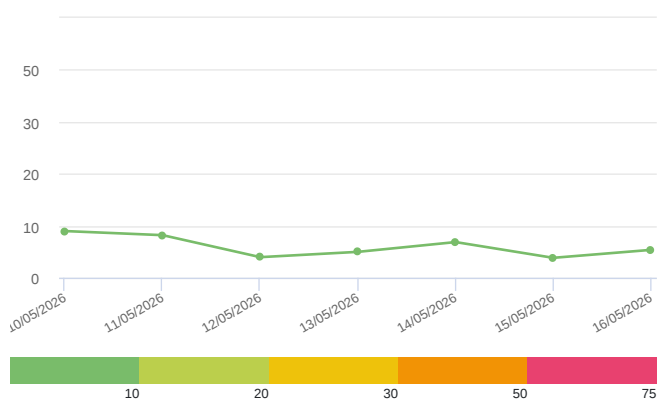
SO₂ (ppb)



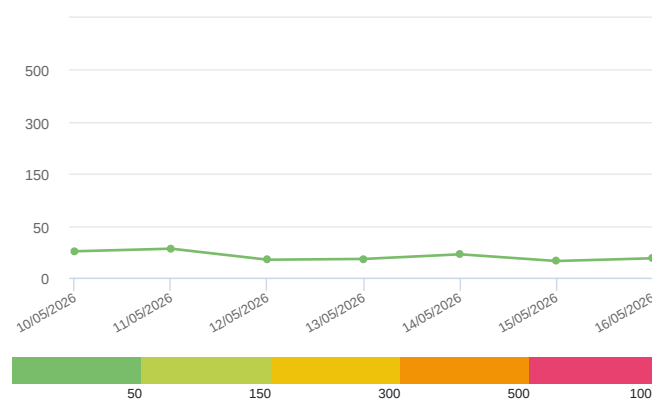
R. Humidity (%)



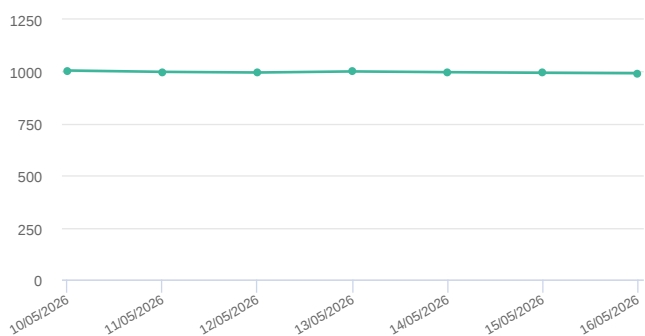
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)

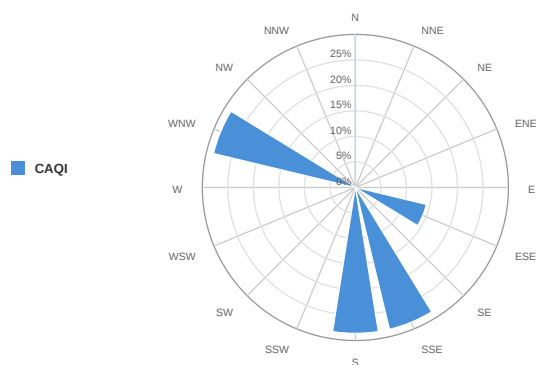


Pressure (hPa)

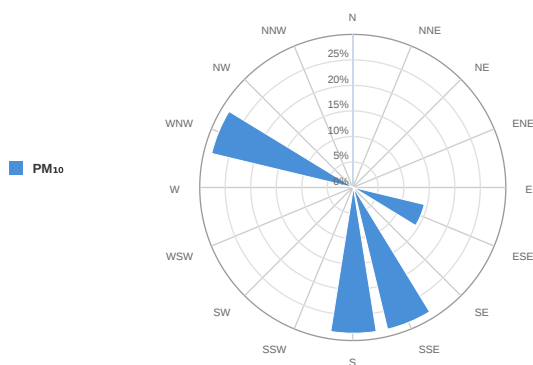


Media zilnică

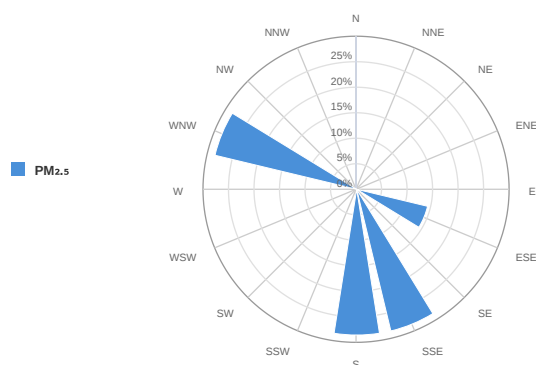
CAQI (AQI)



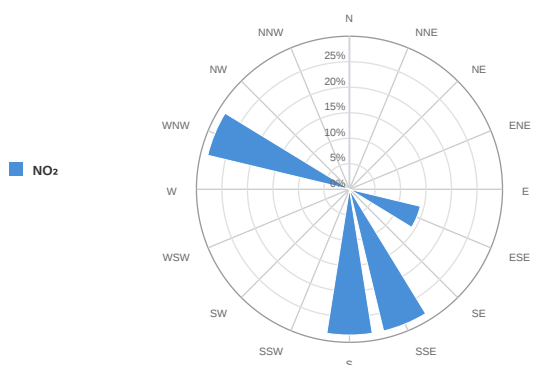
PM₁₀ (μg/m³)



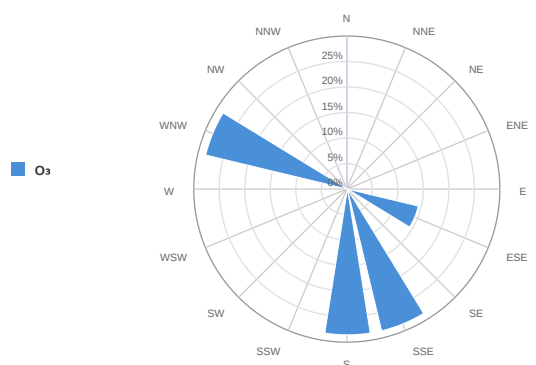
PM_{2.5} (μg/m³)



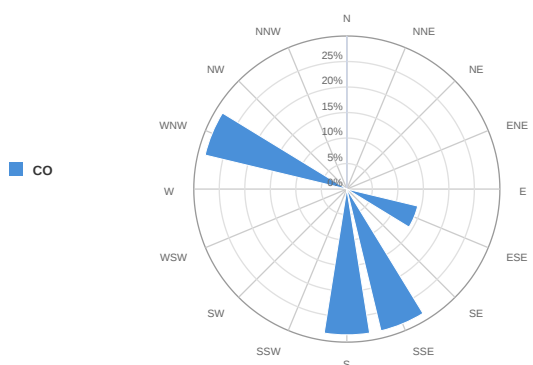
NO₂ (μg/m³)



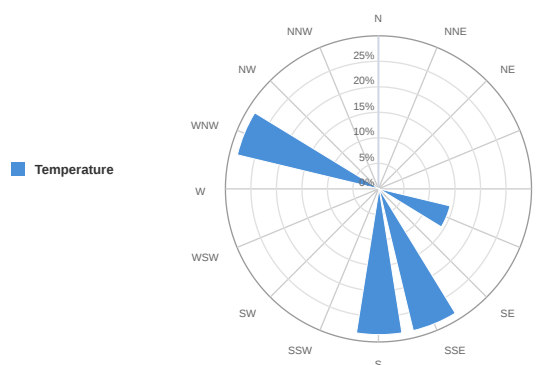
O₃ (μg/m³)



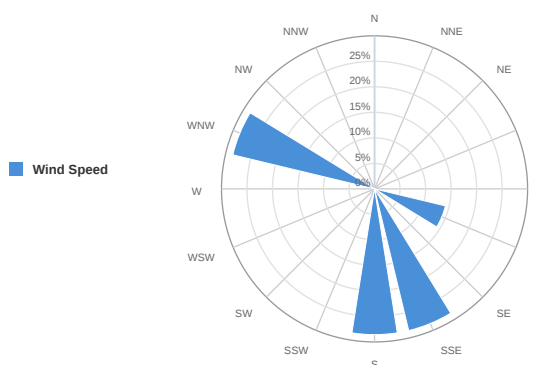
CO (ppb)



Temperature (°C)

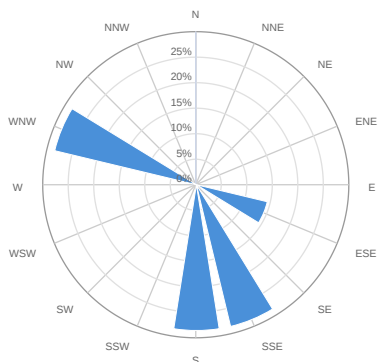


Wind Speed (m/s)



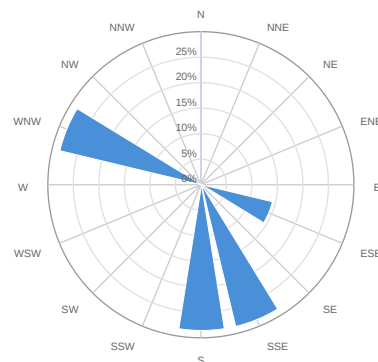
SO₂ (ppb)

■ SO₂



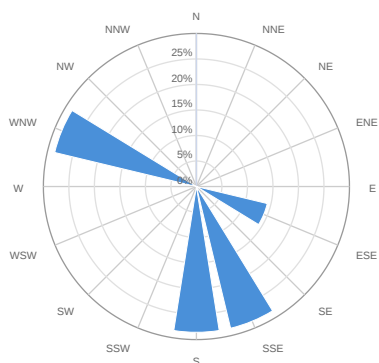
R. Humidity (%)

■ R. Humidity



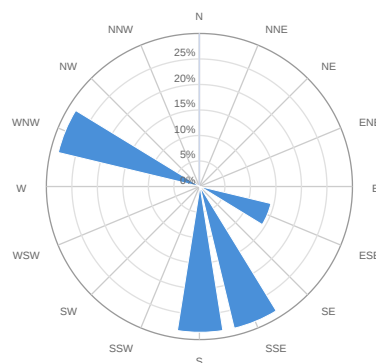
PM₁ (μg/m³)

■ PM₁



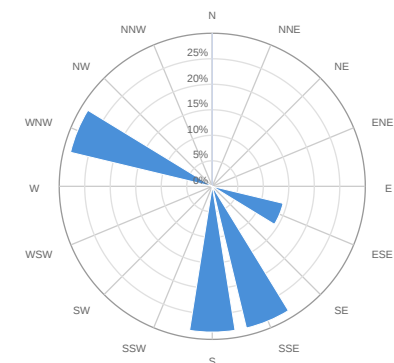
PM₁₀₀ (μg/m³)

■ PM₁₀₀



Pressure (HPa)

■ Pressure



Alerte

No alerts for the selected date and time range

Insights

- 16/05/2026, 23:59 **Consistent Medium Air Quality:** CAQI consistently falls within the 'Medium' range (54-66) across all recorded days, indicating a sustained moderate level of air pollution.
- 16/05/2026, 23:59 **Ozone Levels in Very High Range:** Ozone (O_3) levels frequently surpass the 'Very High' threshold (exceeding $122.26 \mu\text{g}/\text{m}^3$), suggesting potential photochemical smog events, peaking at $158.33 \mu\text{g}/\text{m}^3$.
- 16/05/2026, 23:59 **Low Particulate Matter $PM_{2.5}$ Concentration:** $PM_{2.5}$ concentrations remain consistently low, always falling within the 'Very Low' ($0 - 15 \mu\text{g}/\text{m}^3$) zone, peaking at $10.35 \mu\text{g}/\text{m}^3$.
- 16/05/2026, 23:59 **PM_{10} Levels are Within the Low Zone:** PM_{10} concentrations primarily reside in the 'Low' range ($25.01 - 50 \mu\text{g}/\text{m}^3$), the maximum value observed being $22.15 \mu\text{g}/\text{m}^3$.
- 16/05/2026, 23:59 **Nitrogen Dioxide Approaching High Levels:** NO_2 levels are nearing the 'High' range, with a peak concentration of $108.28 \mu\text{g}/\text{m}^3$, which may affect respiratory health.
- 16/05/2026, 23:59 **Wind Speed Variation Impacts Air Quality:** Wind speed fluctuates between 1.16 and 5.06 m/s. Higher wind speeds on 2026-05-13 correlate with a slightly higher CAQI of 66, possibly due to increased pollutant dispersion.
- 16/05/2026, 23:59 **Temperature Inversely Related to CAQI:** Temperature appears inversely related to CAQI; the lowest temperature (12.99°C) on 2026-05-13 corresponds to the highest CAQI (66).
- 16/05/2026, 23:59 **Consistent Battery Levels Indicate Reliable Data:** Battery levels remain consistently at 100% across all measurements, indicating that the air quality data is reliable and uninterrupted.
- 16/05/2026, 23:59 **CO Levels Show Minor Fluctuation:** Carbon monoxide (CO) levels fluctuate between 253.51 ppb and 288.88 ppb with no major deviations, potentially indicating a consistent source of CO emissions.
- 16/05/2026, 23:59 **SO_2 Levels Consistently Zero:** Sulfur dioxide (SO_2) levels are consistently reported as 0 ppb across all recorded days, indicating that SO_2 pollution is not a concern in the monitored 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
10/05/2026, 23:59	30	20.88	10.35	43.84	69.99
11/05/2026, 23:59	28	22.15	10.06	53.37	64.34
12/05/2026, 23:59	31	13.17	5.32	51.57	73.01
13/05/2026, 23:59	34	14.02	6.15	50.14	80.65
14/05/2026, 23:59	31	17.77	8.21	46.39	73.34
15/05/2026, 23:59	31	11.74	5	50.74	73.1
16/05/2026, 23:59	30	14.97	6.74	57.54	64.45

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
10/05/2026, 23:59	280.42	22.4	1.16	101.33	100	0	55.12	8.98	25.45	1005.31
11/05/2026, 23:59	288.88	20.43	3.49	183.42	100	0	63.82	8.19	27.95	998.81
12/05/2026, 23:59	253.51	17.47	3.65	285.14	100	0	72.71	3.96	17.36	995.6
13/05/2026, 23:59	254.69	12.99	5.06	299.53	100	0	62.77	4.98	18.09	1000.85
14/05/2026, 23:59	256.22	17.15	2.18	151.29	100	0	52.21	6.86	22.57	997.28
15/05/2026, 23:59	282.07	19.37	3.71	170.04	100	0	56.15	3.83	16.09	994.26
16/05/2026, 23:59	286.43	17.45	2.73	156.98	100	0	72.79	5.36	18.73	992.08

Oizom will not be responsible for Environmental Data accuracy once Validated