

Primaria Sannicolau Mare (Biblioteca)

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Sannicolau Mare (Biblioteca)**
Locația dispozitivului: **Strada 1 Decembrie 1, Sannicolau Mare 305600, Romania**

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

Primaria Sannicolau Mare
(Biblioteca)
Strada 1 Decembrie 1, Sannicolau
Mare 305600, Romania



Media indicelui de calitate al aerului (ICA): 22

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	22	21.97	7.03	25.06	44.28
Maximum	26	25.14	10.63	30.06	49.35
Date	10/05/2026	10/05/2026	10/05/2026	16/05/2026	14/05/2026
Minimum	19	19.2	5.04	21.38	38.98
Date	15/05/2026	15/05/2026	13/05/2026	10/05/2026	16/05/2026

The data shown above is based on Media zilnică .

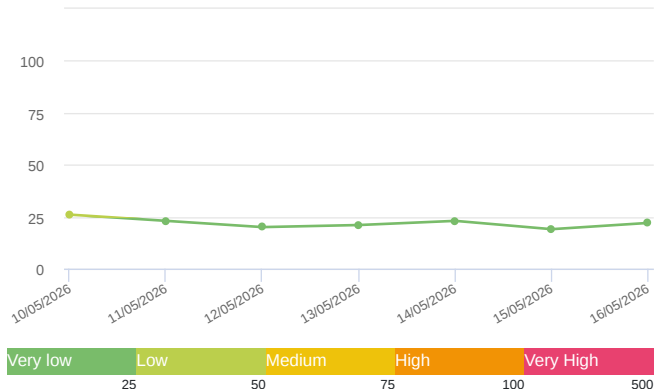
Prezentare generală zilnică: Alți parametri

	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	346.3	18.67	1.35	206.87	100	0	59.43	5.35	37.52	997.52
Maximum	364.45	22.81	5.03	298.89	100	0	74.91	9.07	41.07	1005.27
Date	15/05/2026	10/05/2026	13/05/2026	13/05/2026	10/05/2026	10/05/2026	16/05/2026	10/05/2026	13/05/2026	10/05/2026
Minimum	333.04	15.08	1.15	100.51	100	0	48.21	3.38	33.58	992.18
Date	14/05/2026	13/05/2026	10/05/2026	10/05/2026	10/05/2026	10/05/2026	14/05/2026	13/05/2026	15/05/2026	16/05/2026

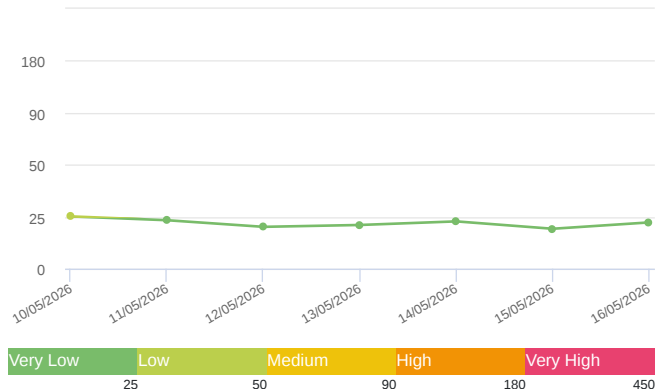
The data shown above is based on Media zilnică .

Media zilnică

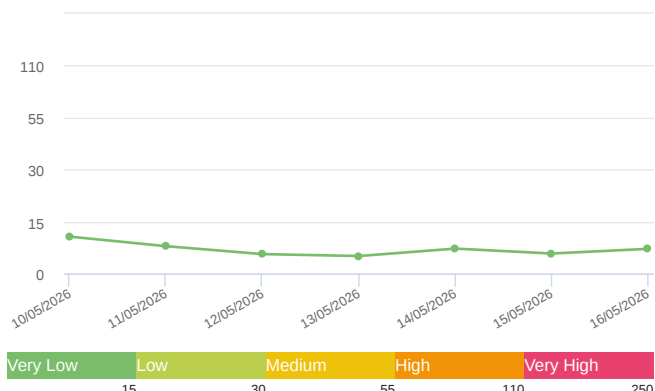
CAQI (AQI)



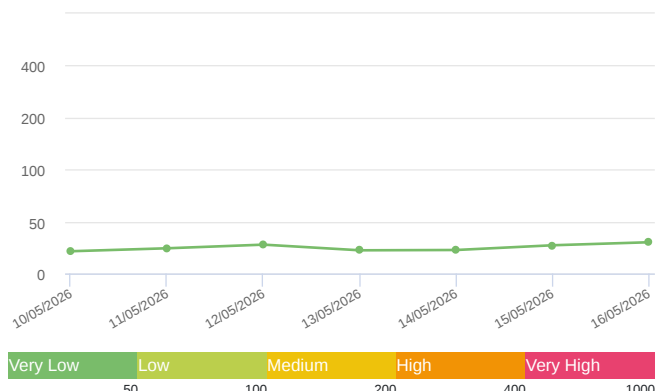
PM₁₀ (μg/m³)



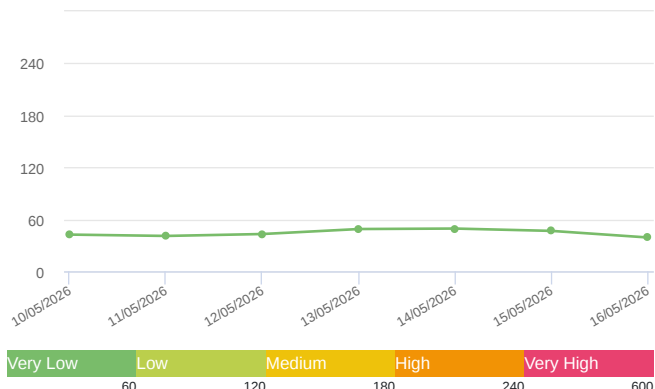
PM_{2.5} (μg/m³)



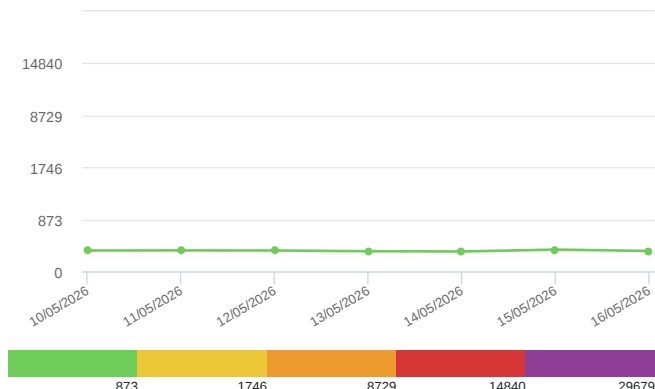
NO₂ (μg/m³)



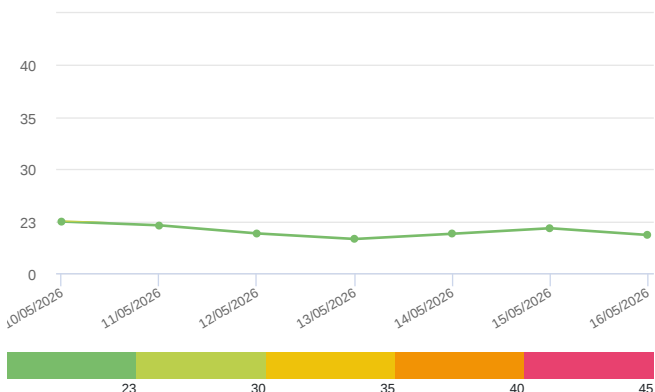
O₃ (μg/m³)



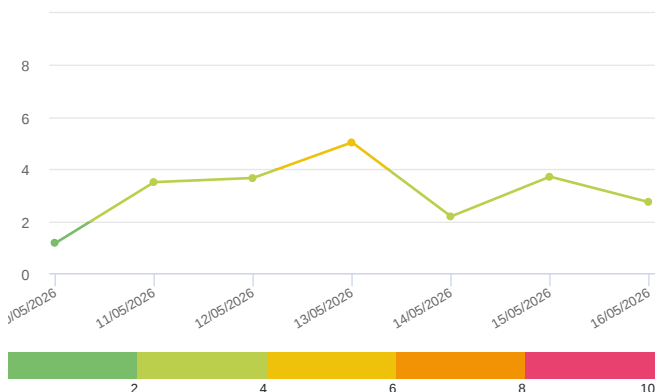
CO (ppb)



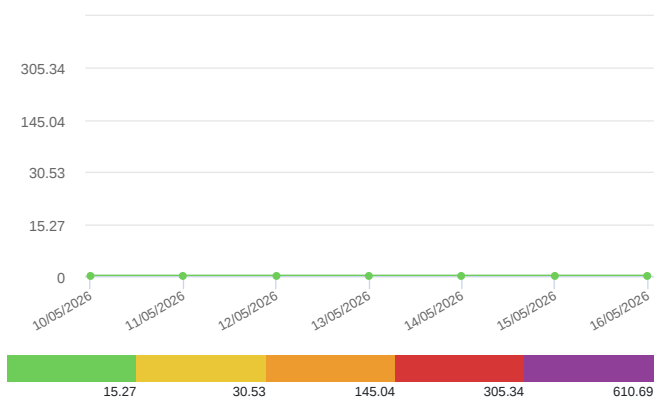
Temperature (°C)



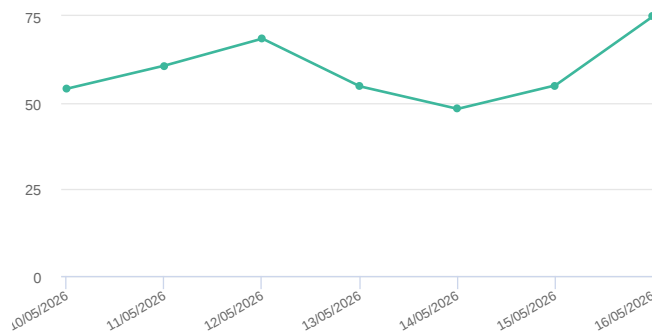
Wind Speed (m/s)



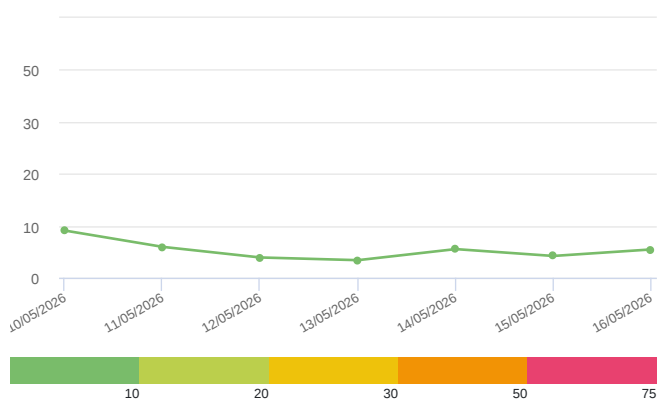
SO₂ (ppb)



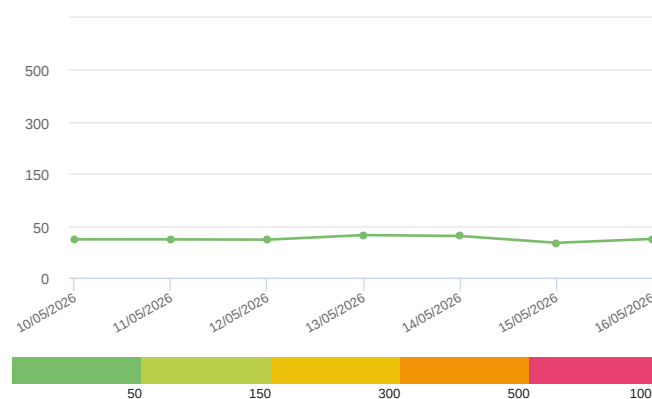
R. Humidity (%)



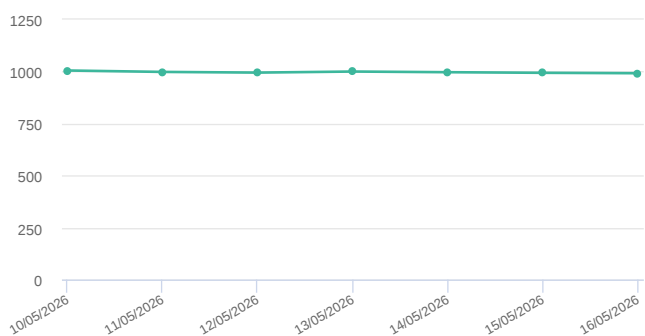
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)

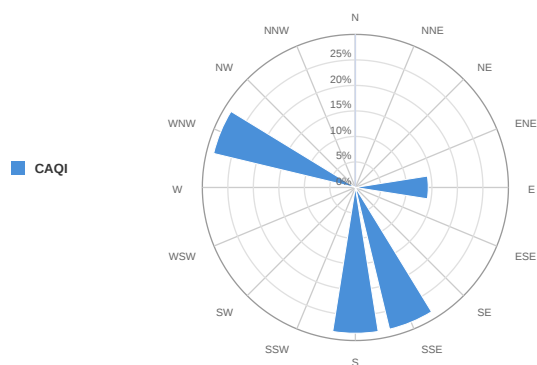


Pressure (hPa)

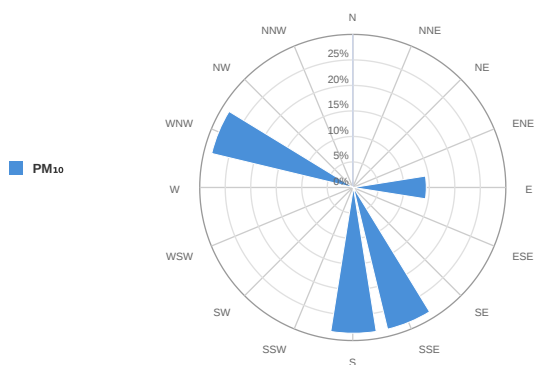


Media zilnică

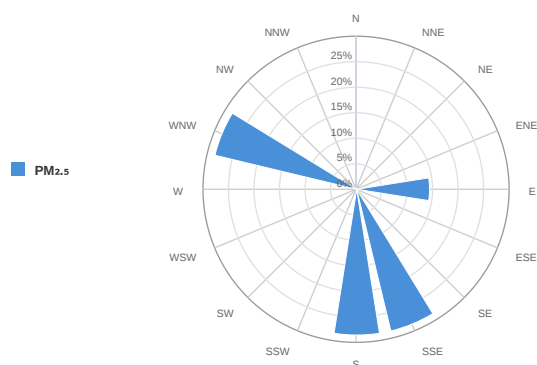
CAQI (AQI)



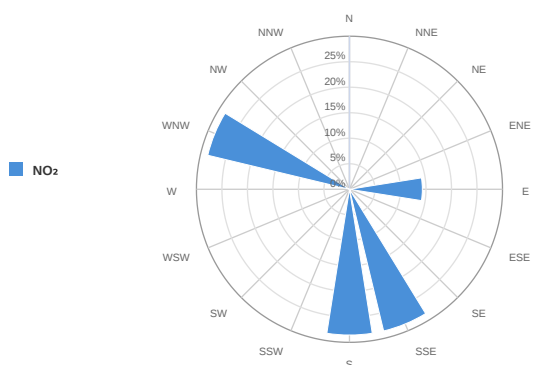
PM₁₀ (μg/m³)



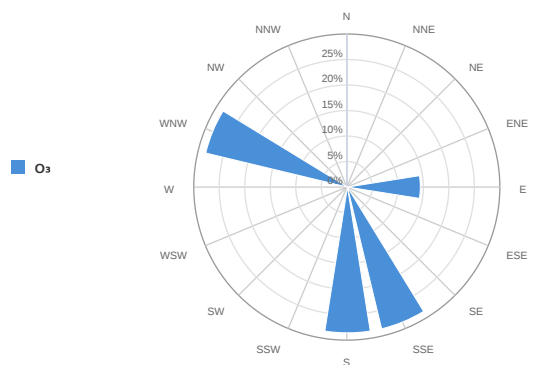
PM_{2.5} (μg/m³)



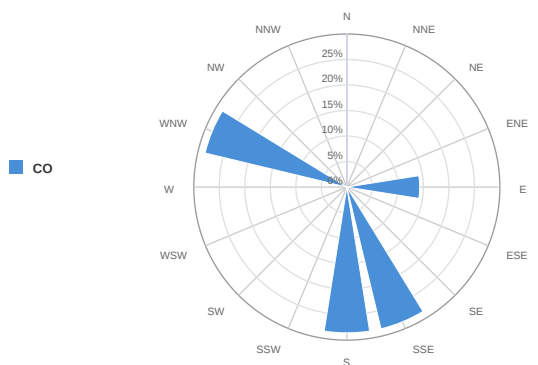
NO₂ (μg/m³)



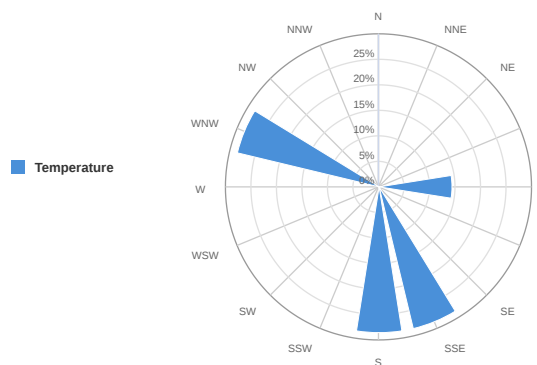
O₃ (μg/m³)



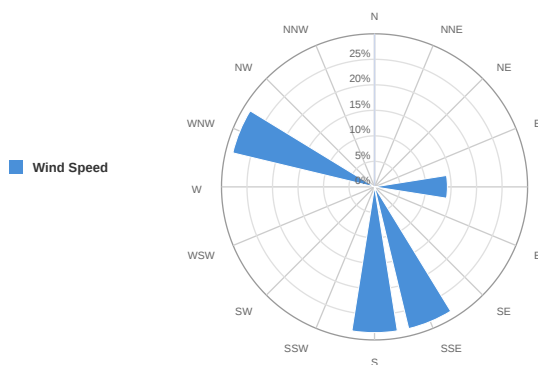
CO (ppb)



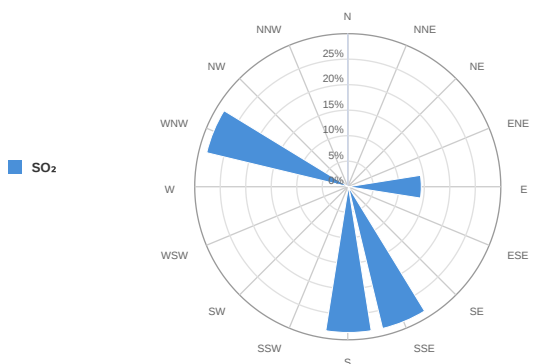
Temperature (°C)



Wind Speed (m/s)

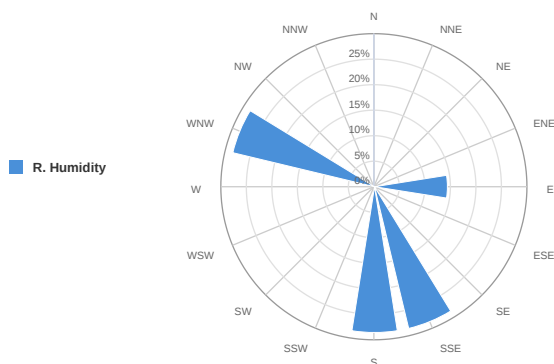


SO₂ (ppb)



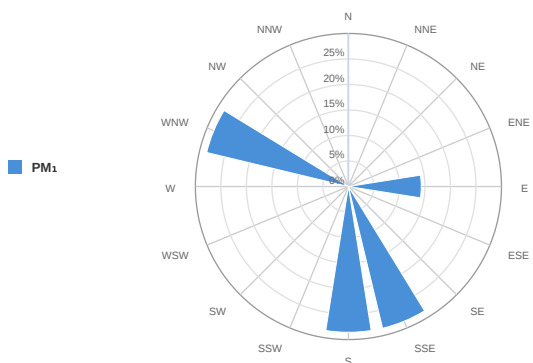
■ SO₂

R. Humidity (%)



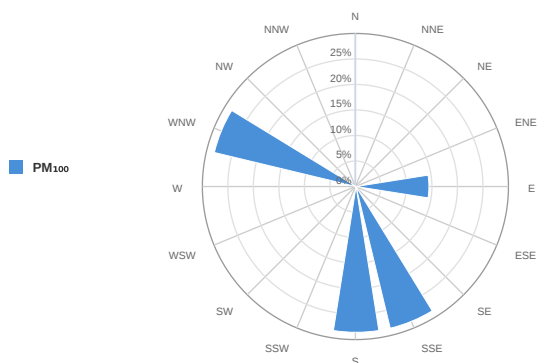
■ R. Humidity

PM₁ (μg/m³)



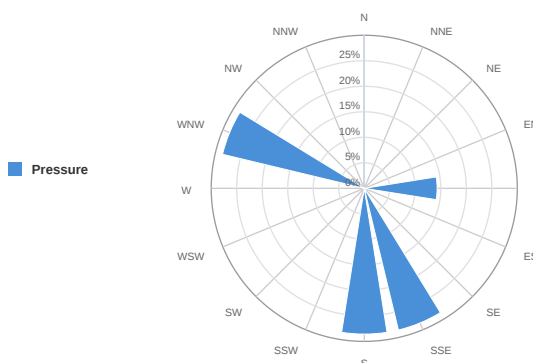
■ PM₁

PM₁₀₀ (μg/m³)



■ PM₁₀₀

Pressure (HPa)



■ Pressure

Alerte

No alerts for the selected date and time range

Insights

- 16/05/2026, 23:59 **Consistent Low CAQI Readings Observed:** CAQI consistently falls within the 'Low' zone (33-41), indicating generally acceptable air quality across the observed period. Further analysis of specific pollutants is needed for detailed evaluation.
- 16/05/2026, 23:59 **Nitrogen Dioxide Levels Show Moderate Fluctuation:** NO₂ levels fluctuate, ranging from 40.23 μg/m³ to 56.57 μg/m³, remaining in the 'Low' to 'Medium' zone based on the specified thresholds. Highest recorded NO₂ level is on May 16.
- 16/05/2026, 23:59 **Ozone Levels Consistently in Medium to High Range:** O₃ levels remain primarily in the 'Medium' to 'High' range. Levels range between 76.53 μg/m³ and 96.88 μg/m³, with the highest ozone concentration observed on May 14.
- 16/05/2026, 23:59 **Particulate Matter 2.5 Levels Remain Low:** PM_{2.5} levels are consistently within the 'Very Low' zone, ranging from 5.04 μg/m³ to 10.63 μg/m³. This suggests a relatively low concentration of fine particulate matter.
- 16/05/2026, 23:59 **Particulate Matter 10 Levels Observed in Low Zone:** PM₁₀ levels are generally within the 'Low' zone, ranging from 19.2 μg/m³ to 25.14 μg/m³. The highest PM₁₀ concentration was recorded on May 10.
- 16/05/2026, 23:59 **Wind Speed Variation and Direction Changes:** Wind speed varies, with a peak of 5.03 m/s on May 13. Wind direction also shows variation, influencing pollutant dispersion patterns throughout the period.
- 16/05/2026, 23:59 **Temperature Fluctuations Impact Air Quality:** Temperature fluctuates between 15.08°C and 22.81°C, potentially influencing the formation and dispersion of pollutants. Higher temperatures may enhance ozone formation.
- 16/05/2026, 23:59 **Pressure Changes and Pollutant Levels:** Atmospheric pressure fluctuates between 992.18 hPa and 1005.27 hPa, potentially affecting pollutant concentrations. A sudden pressure drop can affect the dispersion of air pollutants.
- 16/05/2026, 23:59 **No Sulfur Dioxide Detected:** SO₂ levels are consistently reported as 0 ppb throughout the period. This indicates no apparent local sources contributing to sulfur dioxide pollution.
- 16/05/2026, 23:59 **Humidity Affects PM levels:** Relative humidity varies between 48.21% and 74.91%. The levels potentially influence PM_{2.5} and PM₁₀ concentrations by affecting particle size and deposition rates.

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	26	25.14	10.63	21.38	42.36
11/05/2026, 23:59	23	23.3	7.88	24.23	40.81
12/05/2026, 23:59	20	20.13	5.6	27.73	43.01
13/05/2026, 23:59	21	21.02	5.04	22.32	48.77
14/05/2026, 23:59	23	22.76	7.18	22.6	49.35
15/05/2026, 23:59	19	19.2	5.76	27.13	46.65
16/05/2026, 23:59	22	22.26	7.11	30.06	38.98

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	348.93	22.81	1.15	100.51	100	0	54.04	9.07	36.94	1005.27
11/05/2026, 23:59	350.61	21.14	3.5	183.52	100	0	60.7	5.94	36.88	998.52
12/05/2026, 23:59	348.98	17.54	3.66	284.51	100	0	68.48	3.9	36.66	995.17
13/05/2026, 23:59	336.97	15.08	5.03	298.89	100	0	54.7	3.38	41.07	1000.29
14/05/2026, 23:59	333.04	17.41	2.18	151.25	100	0	48.21	5.51	40.14	997.07
15/05/2026, 23:59	364.45	19.84	3.71	169.77	100	0	54.98	4.19	33.58	994.17
16/05/2026, 23:59	341.09	16.86	2.73	157.01	100	0	74.91	5.44	37.33	992.18

Oizom will not be responsible for Environmental Data accuracy once Validated