

Primaria Sannicolau Mare (Biblioteca)

WEEKLY AIR-QUALITY REPORT

Timp de la: **24/05/2026, 00:00**
Timp până la: **31/05/2026, 00:00**

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



Media indicelui de calitate al aerului (ICA): **27**

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	27	25.64	9.55	19.26	49.91
Maximum	40	39.44	19.1	23.1	57.65
Date	26/05/2026	26/05/2026	26/05/2026	30/05/2026	28/05/2026
Minimum	21	12.29	4.12	16.26	41.3
Date	30/05/2026	24/05/2026	24/05/2026	28/05/2026	25/05/2026

The data shown above is based on Media zilnică .

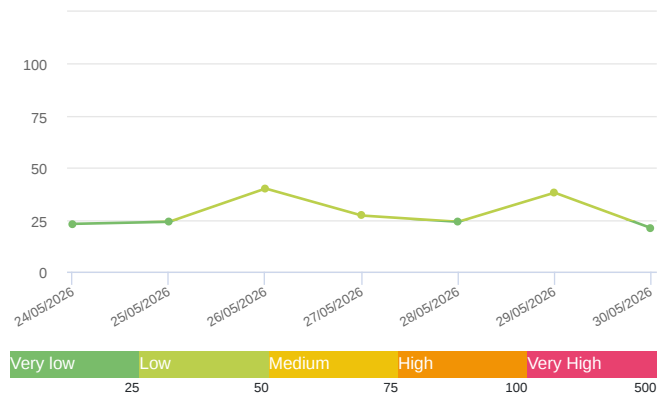
Prezentare generală zilnică: Alți parametri

	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	369.27	25.86	2.86	348.24	100	0	42.05	7.17	37.76	1011.98
Maximum	431.53	29.71	4.81	9.61	100	0	46.53	16.01	52.92	1016.25
Date	26/05/2026	27/05/2026	24/05/2026	24/05/2026	24/05/2026	24/05/2026	25/05/2026	26/05/2026	29/05/2026	25/05/2026
Minimum	304.8	22.85	2.1	14.52	100	0	35.1	2.61	21.16	1007.65
Date	28/05/2026	29/05/2026	25/05/2026	25/05/2026	24/05/2026	24/05/2026	29/05/2026	28/05/2026	24/05/2026	30/05/2026

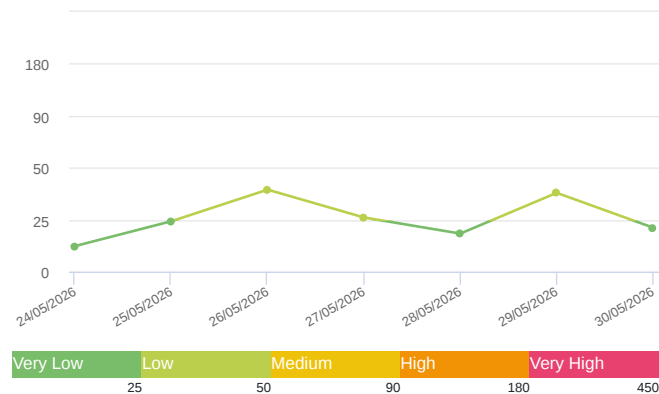
The data shown above is based on Media zilnică .

Media zilnică

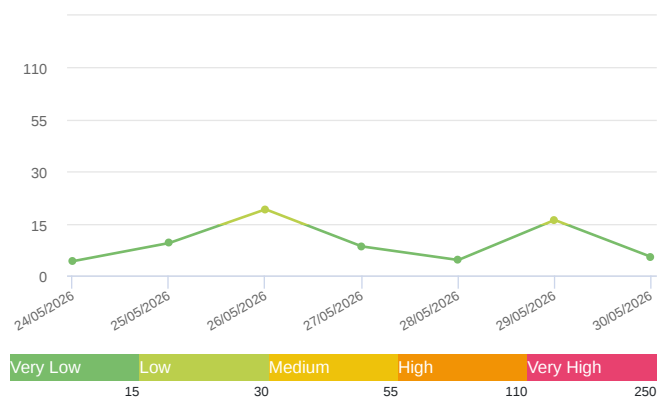
CAQI (AQI)



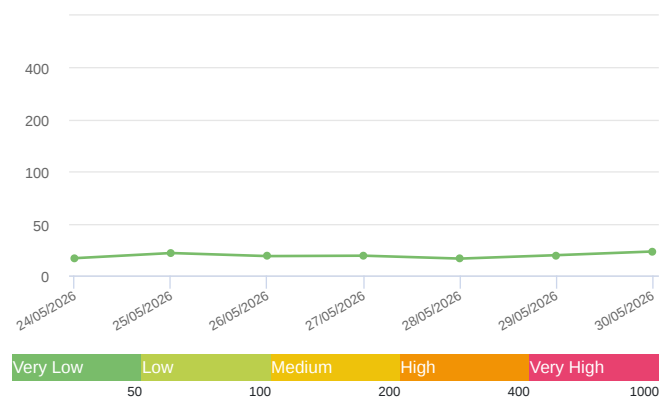
PM₁₀ (μg/m³)



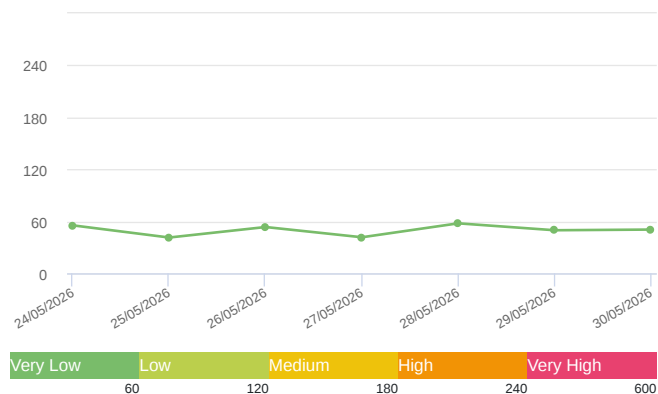
PM_{2.5} (μg/m³)



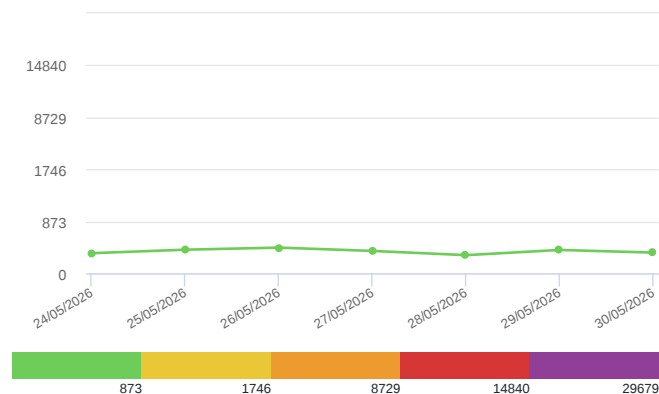
NO₂ (μg/m³)



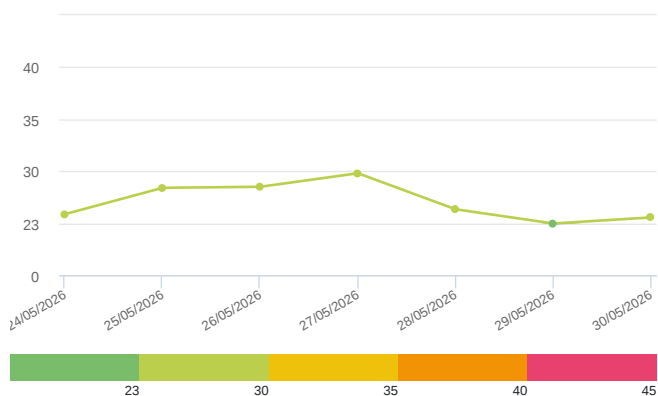
O₃ (μg/m³)



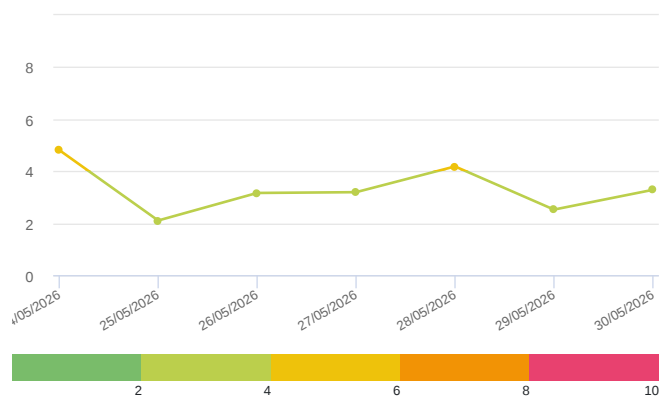
CO (ppb)



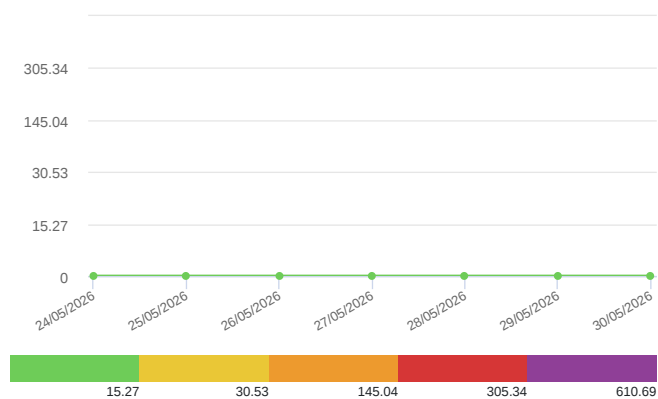
Temperature (°C)



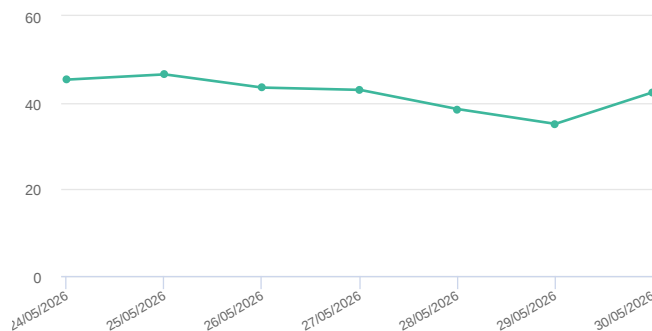
Wind Speed (m/s)



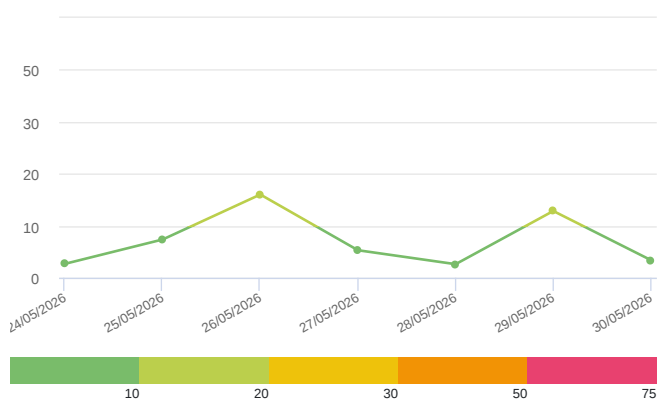
SO₂ (ppb)



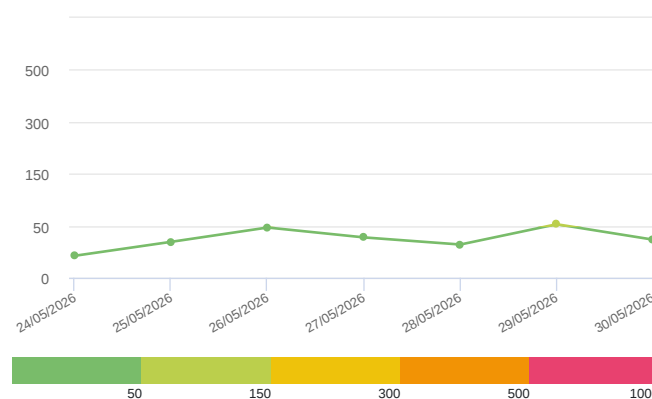
R. Humidity (%)



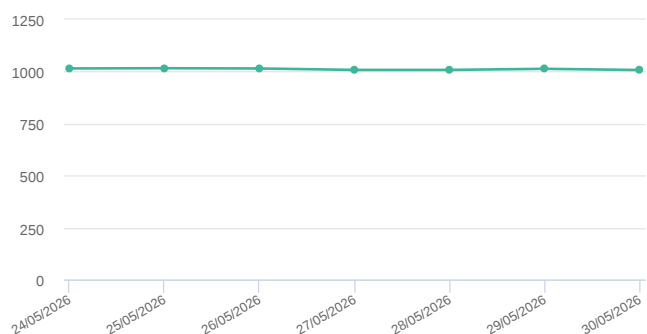
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)

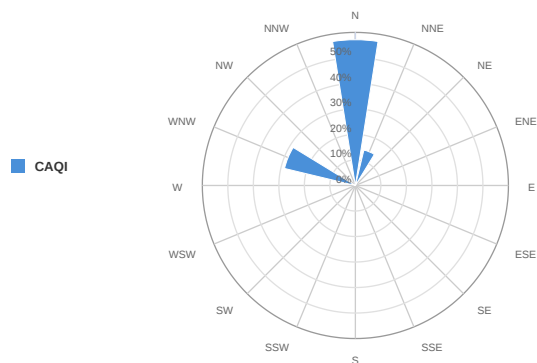


Pressure (hPa)

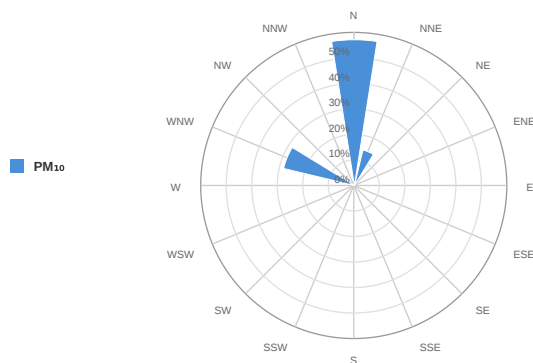


Media zilnică

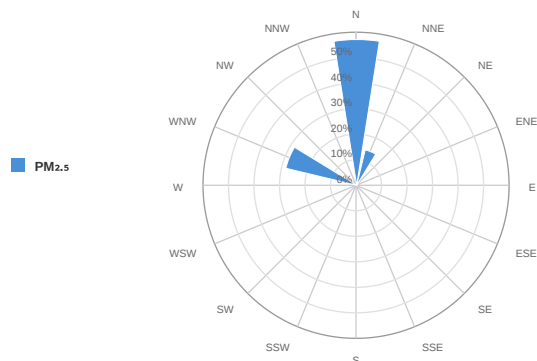
CAQI (AQI)



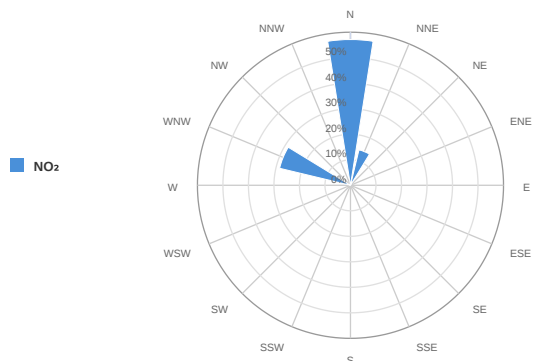
PM₁₀ (μg/m³)



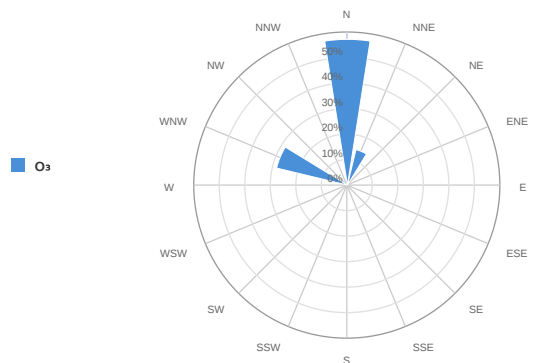
PM_{2.5} (μg/m³)



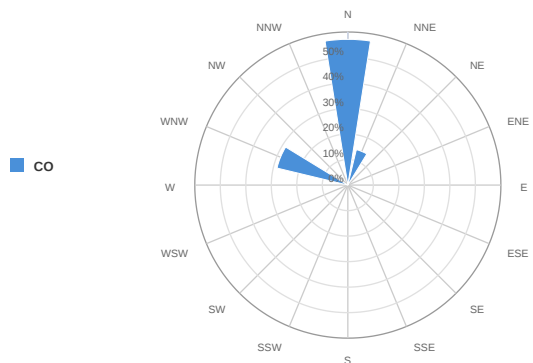
NO₂ (μg/m³)



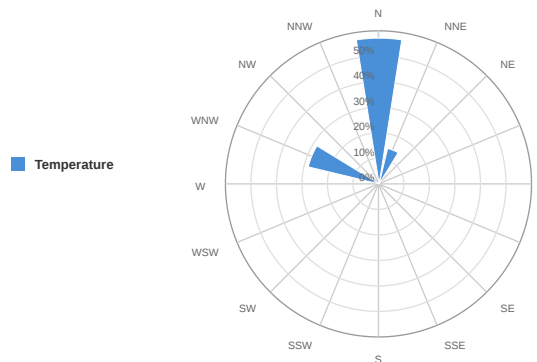
O₃ (μg/m³)



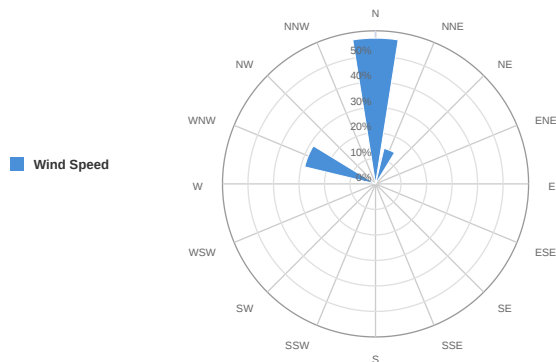
CO (ppb)



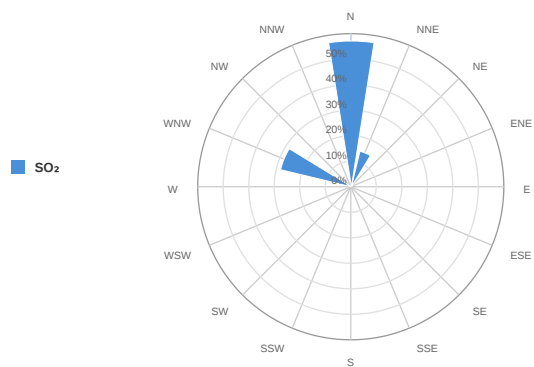
Temperature (°C)



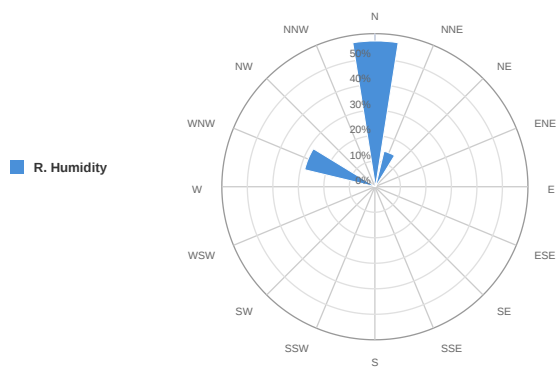
Wind Speed (m/s)



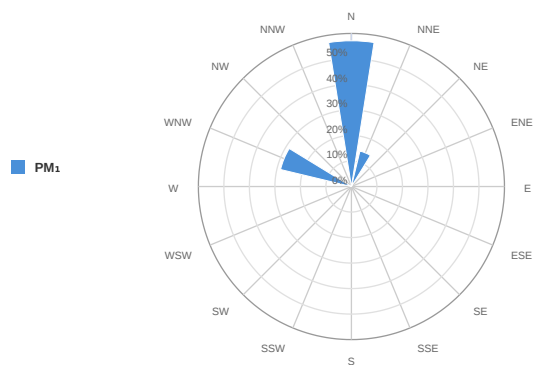
SO₂ (ppb)



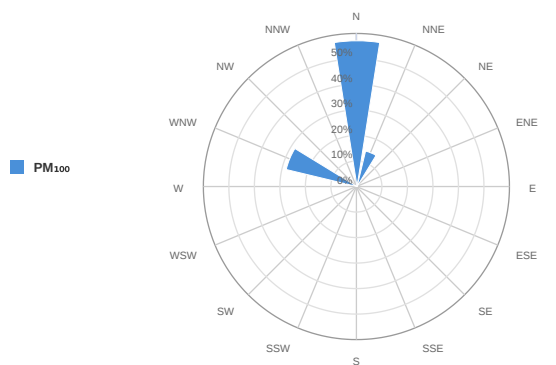
R. Humidity (%)



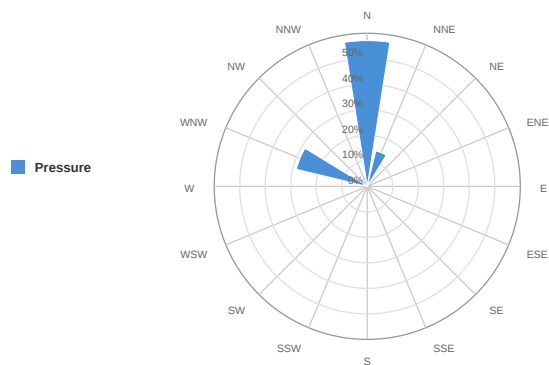
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 30/05/2026, 23:59 **Consistent Low CAQI Readings Observed:** The CAQI consistently falls within the 'Low' zone (34-47) across all recorded dates, indicating generally acceptable air quality during the observation period.
- 30/05/2026, 23:59 **Ozone Levels Consistently in High Range:** Ozone (O_3) levels are consistently in the 'High' range (81.08 to 113.18 $\mu g/m^3$), potentially posing health risks to sensitive groups. All other days are close to High range too.
- 30/05/2026, 23:59 **PM_{2.5} Levels Remain in Very Low to Low Range:** PM_{2.5} concentrations are mainly within the 'Very Low' to 'Low' range (4.12 to 19.1 $\mu g/m^3$). It means particle pollution is generally low, posing minimal immediate health concerns.
- 30/05/2026, 23:59 **PM₁₀ Concentrations in Low to Medium Range:** PM₁₀ concentrations range from 12.29 to 39.44 $\mu g/m^3$, placing them in the 'Low' to 'Medium' range. This suggests a moderate level of coarse particulate matter.
- 30/05/2026, 23:59 **NO₂ Levels Mostly Low to Medium:** Nitrogen dioxide (NO_2) levels are predominantly in the 'Low' to 'Medium' zone (30.6 to 43.47 $\mu g/m^3$), indicating moderate levels from combustion sources. The levels varied across the days.
- 30/05/2026, 23:59 **Wind Speed Fluctuations Impacting Air Quality?:** Wind speed varies from 2.1 to 4.81 m/s. Higher wind speeds potentially correlate with lower PM_{2.5} concentrations due to increased dispersion of pollutants. However, this needs further data.
- 30/05/2026, 23:59 **Relative Humidity Shows Limited Variation:** Relative humidity remains relatively stable, ranging from 35.1 to 46.53%. This suggests humidity has a minimal impact on air quality parameters during this period.
- 30/05/2026, 23:59 **Consistent Battery Readings Indicate Reliable Data:** The sensor battery consistently reports 100% charge across all readings, ensuring the reliability and accuracy of the collected air quality data.
- 30/05/2026, 23:59 **Temperature Variation During the Period:** Temperature shows a variation between 22.85 °C and 29.71 °C during the monitored timeframe, potentially influencing pollutant formation or dispersion.
- 30/05/2026, 23:59 **SO₂ Levels Consistently Zero:** Sulfur dioxide (SO_2) levels are consistently reported as 0 ppb, indicating minimal presence of this pollutant, likely due to absence of major sources nearby.

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
24/05/2026, 23:59	23	12.29	4.12	16.65	55.32
25/05/2026, 23:59	24	24.25	9.38	21.58	41.3
26/05/2026, 23:59	40	39.44	19.1	18.63	53.4
27/05/2026, 23:59	27	26.07	8.39	19.03	41.57
28/05/2026, 23:59	24	18.32	4.47	16.26	57.65
29/05/2026, 23:59	38	37.92	16.02	19.57	49.7
30/05/2026, 23:59	21	21.19	5.38	23.1	50.46

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
24/05/2026, 23:59	337.88	24.21	4.81	9.61	100	0	45.32	2.68	21.16	1015.2
25/05/2026, 23:59	396.01	27.75	2.1	14.52	100	0	46.53	7.36	34.54	1016.25
26/05/2026, 23:59	431.53	27.89	3.16	3.4	100	0	43.48	16.01	48.29	1015.01
27/05/2026, 23:59	375.38	29.71	3.19	293.93	100	0	42.95	5.29	38.78	1008.15
28/05/2026, 23:59	304.8	24.86	4.18	358.88	100	0	38.52	2.61	31.94	1008.21
29/05/2026, 23:59	391.58	22.85	2.52	4.29	100	0	35.1	12.84	52.92	1013.36
30/05/2026, 23:59	347.72	23.76	3.28	301.68	100	0	42.41	3.39	36.67	1007.65

Oizom will not be responsible for Environmental Data accuracy once Validated