

Primaria Sanmihaiu Roman

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Sanmihaiu Roman**
Locația dispozitivului: **DJ591C 81a, Sânmihaiu Român 307382, Romania**

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

Primaria Sanmihaiu Roman
DJ591C 81a, Sânmihaiu Român
307382, Romania



Media indicelui de calitate al aerului (ICA): **37**

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	37	22.11	5.87	27.06	87.66
Maximum	38	26.79	8.47	31.84	90.54
Date	26/05/2026	25/05/2026	25/05/2026	25/05/2026	28/05/2026
Minimum	35	19.52	3.98	23.3	82.09
Date	25/05/2026	24/05/2026	29/05/2026	27/05/2026	25/05/2026

The data shown above is based on Media zilnică .

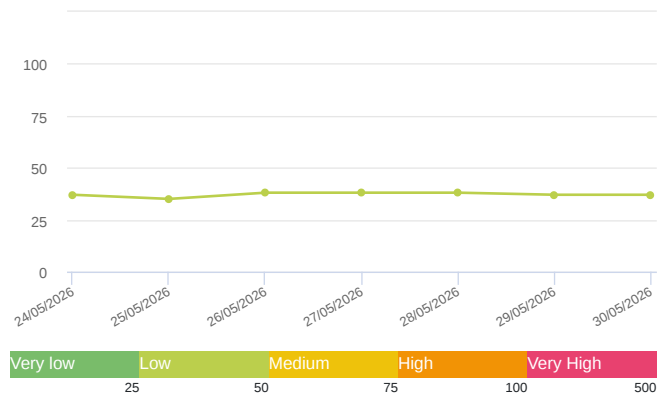
Prezentare generală zilnică: Alți parametri

	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	283.16	23.44	2.98	346.52	100	0	48.61	3.95	33.61	1011.8
Maximum	333	26.96	4.45	358.83	100	2.75	52.54	6.47	38.86	1016.29
Date	25/05/2026	27/05/2026	28/05/2026	28/05/2026	24/05/2026	28/05/2026	24/05/2026	25/05/2026	25/05/2026	25/05/2026
Minimum	258.86	20.04	2.5	277.74	100	0	41.78	2.31	30.85	1007.71
Date	29/05/2026	29/05/2026	27/05/2026	27/05/2026	24/05/2026	24/05/2026	29/05/2026	29/05/2026	28/05/2026	28/05/2026

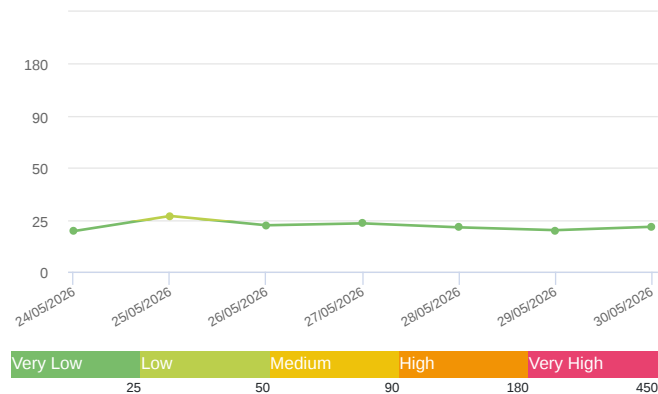
The data shown above is based on Media zilnică .

Media zilnică

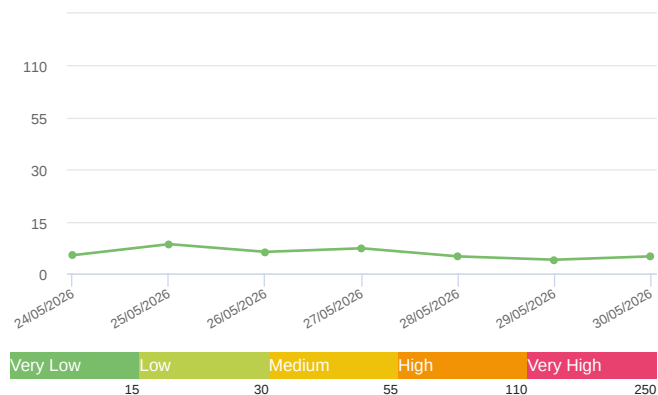
CAQI (AQI)



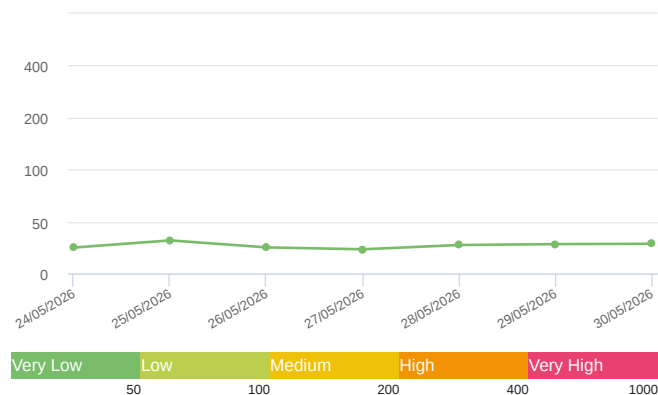
PM₁₀ (μg/m³)



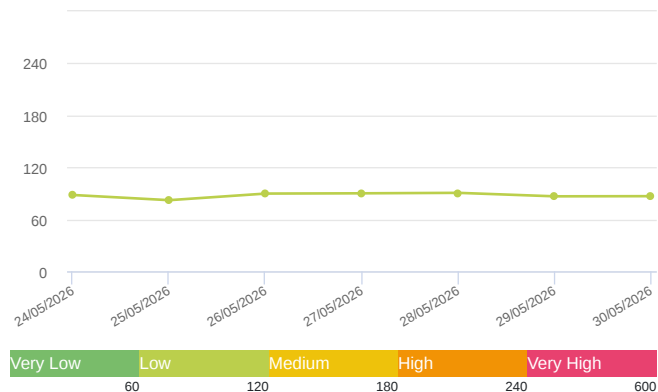
PM_{2.5} (μg/m³)



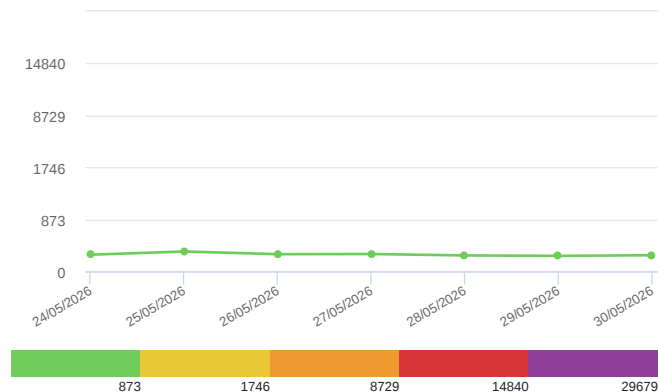
NO₂ (μg/m³)



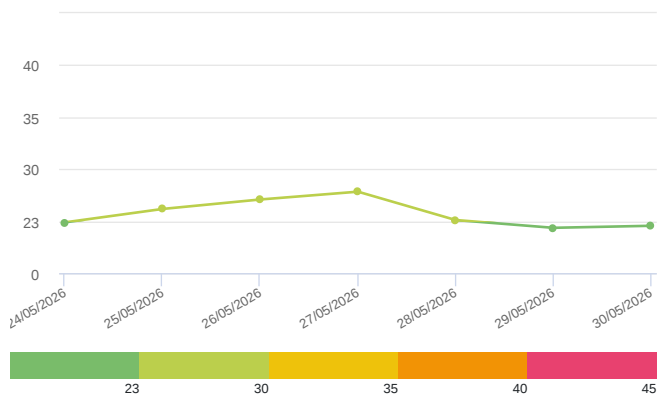
O₃ (μg/m³)



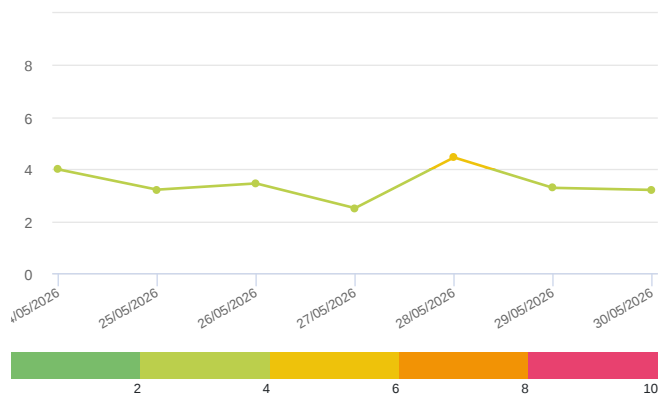
CO (ppb)



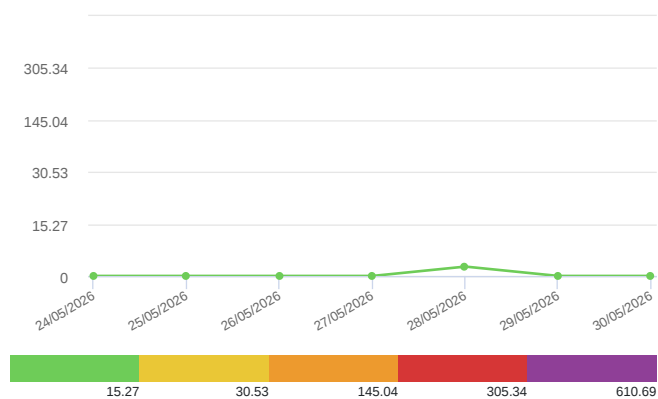
Temperature (°C)



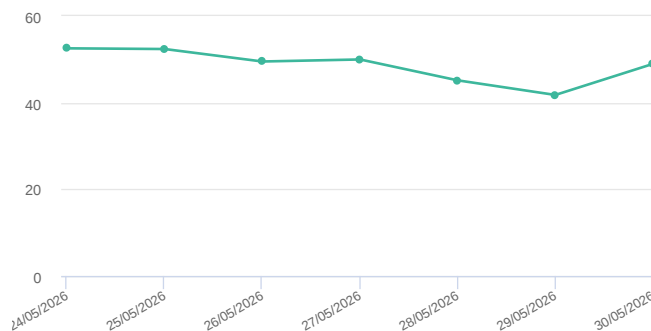
Wind Speed (m/s)



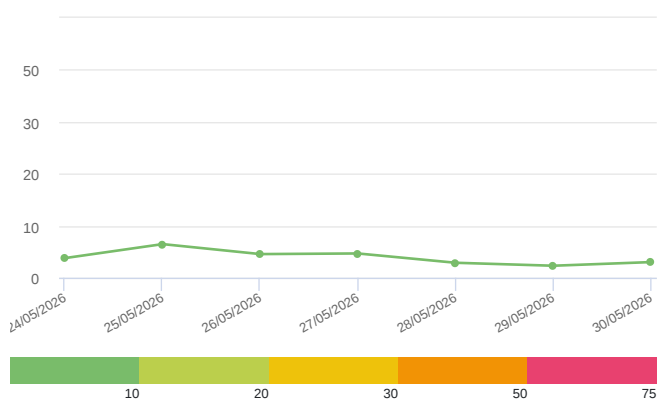
SO₂ (ppb)



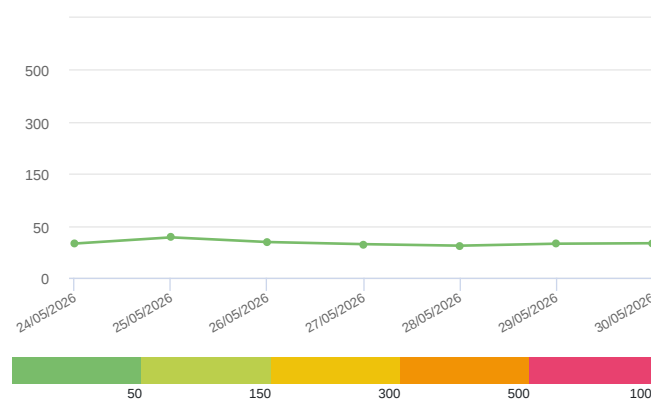
R. Humidity (%)



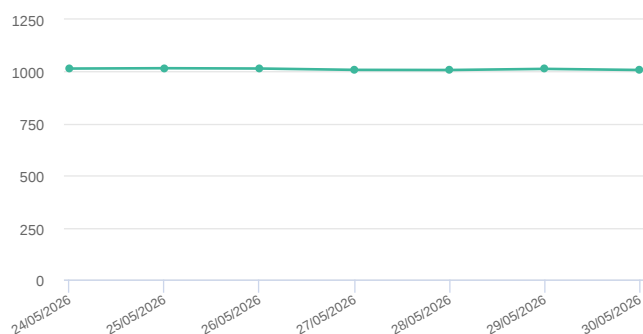
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)

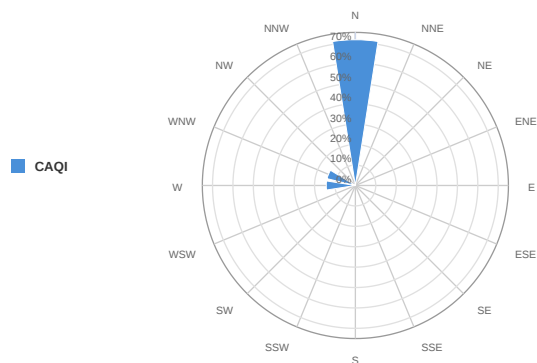


Pressure (hPa)

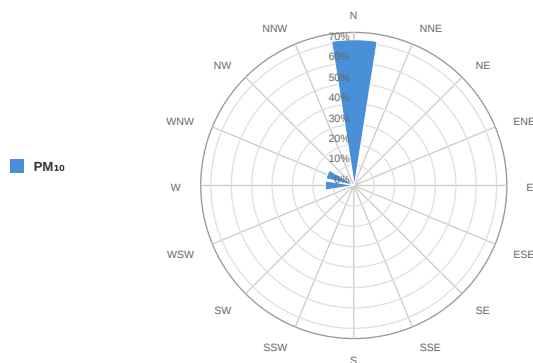


Media zilnică

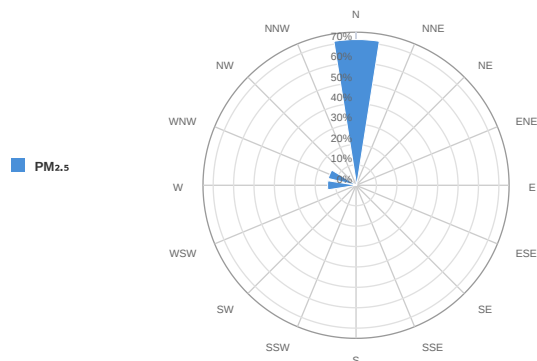
CAQI (AQI)



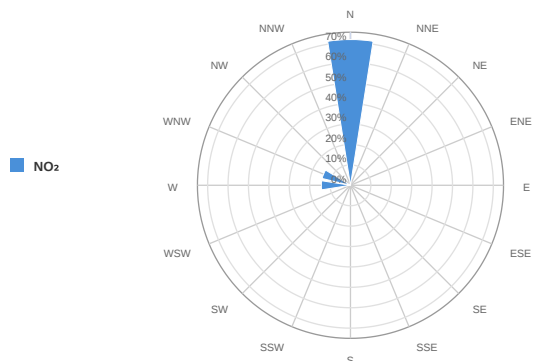
PM₁₀ (μg/m³)



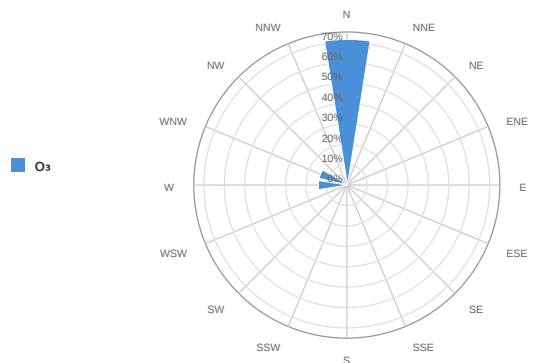
PM_{2.5} (μg/m³)



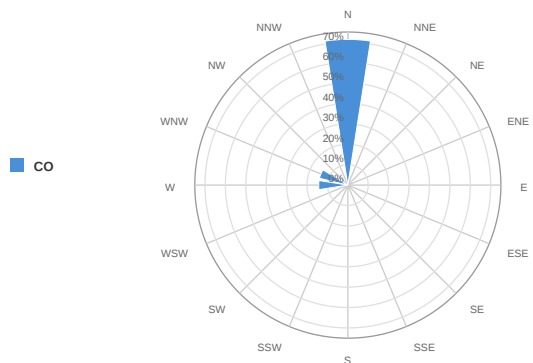
NO₂ (μg/m³)



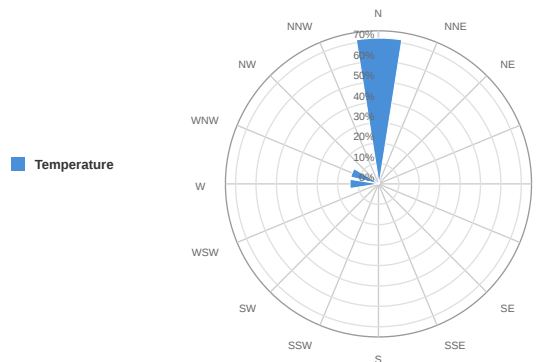
O₃ (μg/m³)



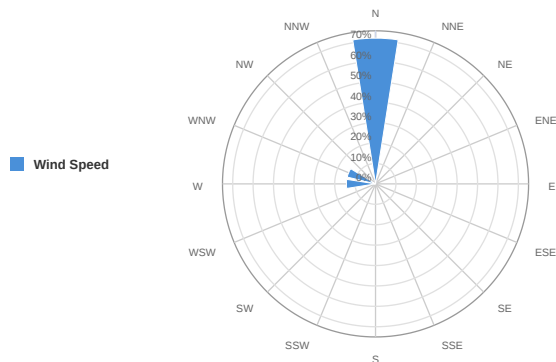
CO (ppb)



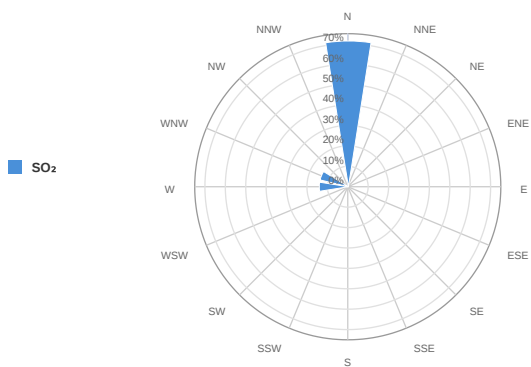
Temperature (°C)



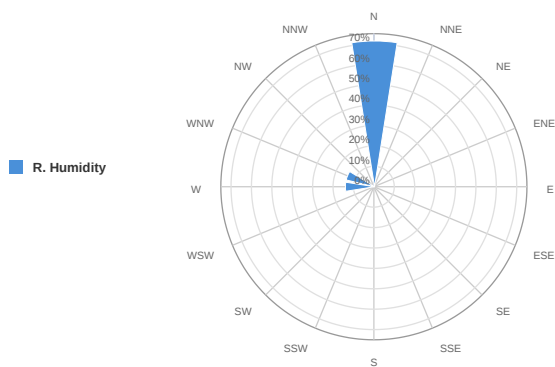
Wind Speed (m/s)



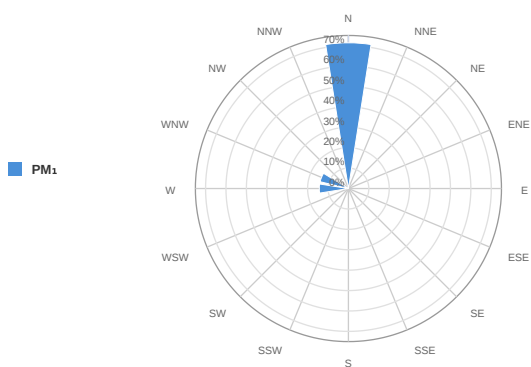
SO₂ (ppb)



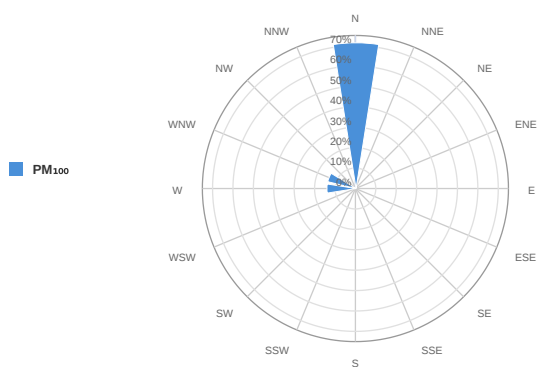
R. Humidity (%)



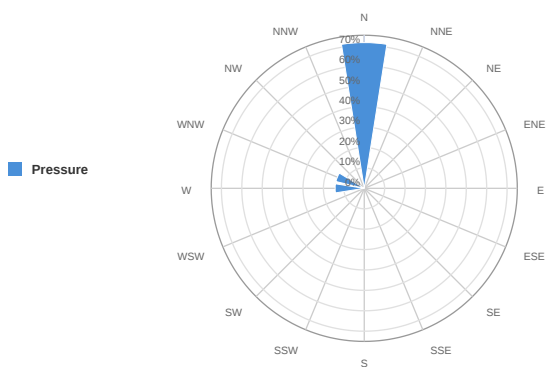
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 30/05/2026, 23:59 **Consistent Medium Air Quality Over Seven Days:** The CAQI consistently falls within the 'Medium' range (67-74) across all seven days, indicating a sustained level of moderate air pollution during the observed period. No significant fluctuations detected.
- 30/05/2026, 23:59 **Elevated Ozone Levels Observed:** Ozone (O_3) levels are consistently high, ranging from 161.16 to 177.75 $\mu g/m^3$, well into the 'Very High' zone (over 122.26 $\mu g/m^3$) based on the provided thresholds. This requires further investigation.
- 30/05/2026, 23:59 **Low PM_{2.5} Concentrations Indicate Good Air Quality:** PM_{2.5} concentrations are low, ranging from 3.98 to 8.47 $\mu g/m^3$, which falls in the 'Very Low' range (0 - 15 $\mu g/m^3$), thus indicating good air quality with respect to fine particulate matter.
- 30/05/2026, 23:59 **PM₁₀ Levels Consistently in Low Range:** PM₁₀ levels are relatively low, consistently falling within the 'Low' range (19.52 to 26.79 $\mu g/m^3$) across all the reported days. This suggests a relatively low concentration of coarse particulate matter.
- 30/05/2026, 23:59 **Nitrogen Dioxide Levels Fluctuate Within Low to Medium Zone:** NO₂ levels fluctuate between 43.85 and 59.92 $\mu g/m^3$, transitioning from the 'Low' to 'Medium' zones. Elevated NO₂ concentrations may be linked to combustion sources.
- 30/05/2026, 23:59 **Wind Direction Predominantly Northerly:** Wind direction is predominantly northerly, with values close to 0 or 360 degrees. This indicates that pollutants may be originating from the North direction consistently.
- 30/05/2026, 23:59 **Temperature Variation Indicates Stable Weather Conditions:** The temperature ranges from 20.04 to 26.96 °C, indicating relatively stable weather conditions during the observed period. This stability could affect pollutant dispersion.
- 30/05/2026, 23:59 **R. Humidity Range Indicates Moderate Conditions:** Relative humidity ranges from 41.78% to 52.54%, suggesting moderate humidity levels that could influence the behavior and concentration of certain pollutants.
- 30/05/2026, 23:59 **Consistent Atmospheric Pressure Readings:** Atmospheric pressure remains relatively consistent, ranging from 1007.71 to 1016.29 hPa. This suggests stable atmospheric conditions with minimal pressure-related weather changes.
- 30/05/2026, 23:59 **Sulfur Dioxide Levels are Low:** Sulfur dioxide (SO₂) levels are consistently very low, close to 0 ppb (except for a single measurement of 2.75 ppb). This indicates minimal impact from sulfur-related pollution sources.

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	37	19.52	5.28	24.94	88.1
25/05/2026, 23:59	35	26.79	8.47	31.84	82.09
26/05/2026, 23:59	38	22.33	6.24	25.11	89.71
27/05/2026, 23:59	38	23.25	7.28	23.3	89.98
28/05/2026, 23:59	38	21.32	4.93	27.41	90.54
29/05/2026, 23:59	37	19.97	3.98	28.24	86.52
30/05/2026, 23:59	37	21.61	4.95	28.62	86.68

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	278.08	22.44	3.99	357.1	100	0	52.54	3.78	32.9	1014.65
25/05/2026, 23:59	333	24.64	3.21	6.37	100	0	52.38	6.47	38.86	1016.29
26/05/2026, 23:59	286.87	25.91	3.45	0.05	100	0	49.5	4.55	34.36	1014.77
27/05/2026, 23:59	289.55	26.96	2.5	277.74	100	0	49.97	4.67	32.31	1008.34
28/05/2026, 23:59	266.41	23.15	4.45	358.83	100	2.75	45.15	2.88	30.85	1007.71
29/05/2026, 23:59	258.86	20.04	3.28	5.17	100	0	41.78	2.31	32.74	1013.07
30/05/2026, 23:59	269.35	20.92	3.2	300.85	100	0	48.95	3.01	33.21	1007.75

Oizom will not be responsible for Environmental Data accuracy once Validated