

Primaria Teremia Mare

WEEKLY AIR-QUALITY REPORT

Timp de la: **17/05/2026, 00:00**
Timp până la: **24/05/2026, 00:00**

Numele dispozitivului: **Primaria Teremia Mare**
Locația dispozitivului: **DN59C Matei Boldovina, Teremia Mare 307405, Romania**

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

Primaria Teremia Mare
DN59C Matei Boldovina, Teremia
Mare 307405, Romania



Media indicelui de calitate al aerului (ICA): **17**

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	17	17.49	8.11	17.55	19.69
Maximum	25	24.94	12.38	29.84	28.3
Date	20/05/2026	20/05/2026	20/05/2026	17/05/2026	23/05/2026
Minimum	10	9.55	4.32	12.67	0.79
Date	18/05/2026	18/05/2026	18/05/2026	23/05/2026	17/05/2026

The data shown above is based on Media zilnică .

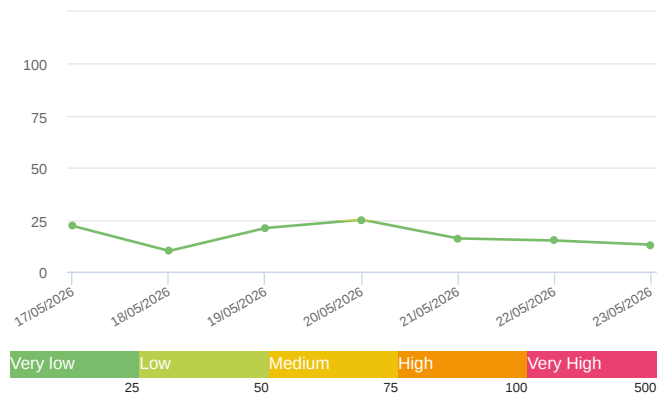
Prezentare generală zilnică: Alți parametri

	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	319.2	19.08	4.28	347.27	100	0	62.34	6.96	22.52	1008.66
Maximum	329.66	22.42	7.03	9.23	100	0	85.78	10.78	29.97	1014.54
Date	20/05/2026	23/05/2026	22/05/2026	22/05/2026	17/05/2026	17/05/2026	17/05/2026	20/05/2026	20/05/2026	23/05/2026
Minimum	305.04	14.66	2.05	340.77	100	0	52.5	3.61	12.96	997.26
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

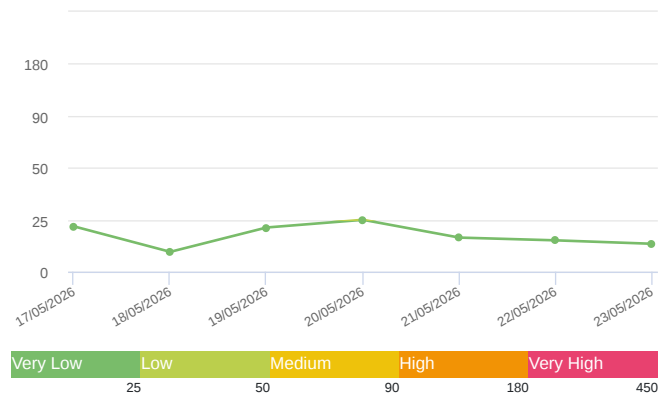
The data shown above is based on Media zilnică .

Media zilnică

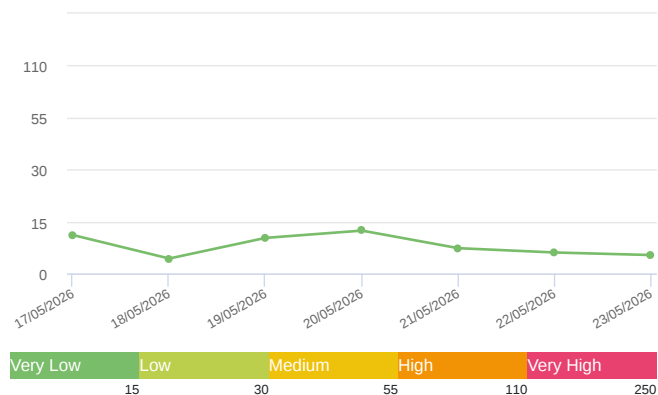
CAQI (AQI)



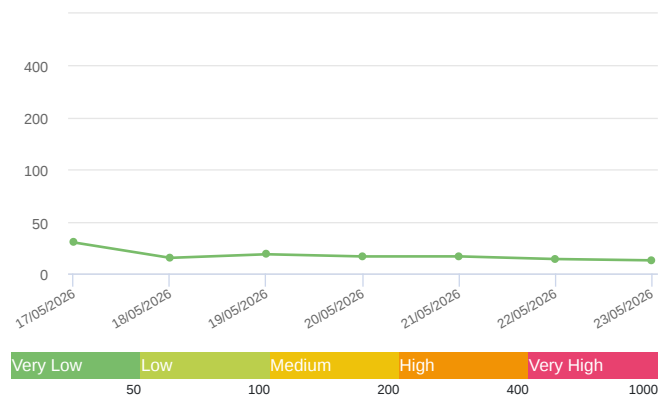
PM₁₀ (μg/m³)



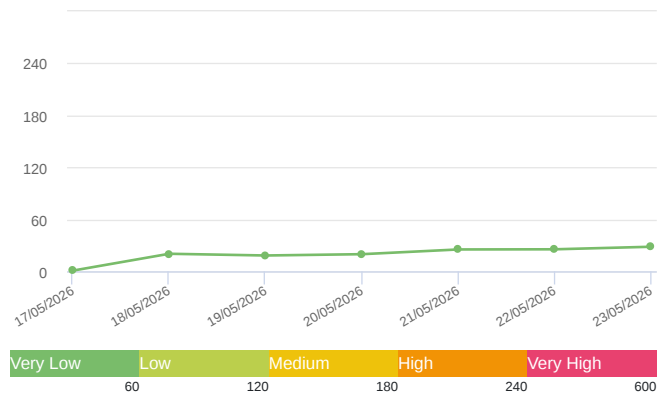
PM_{2.5} (μg/m³)



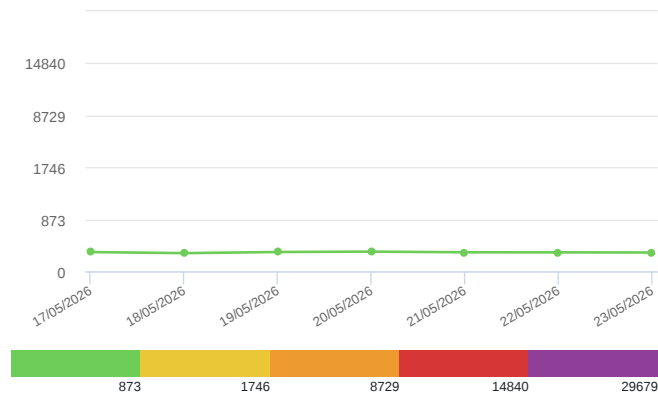
NO₂ (μg/m³)



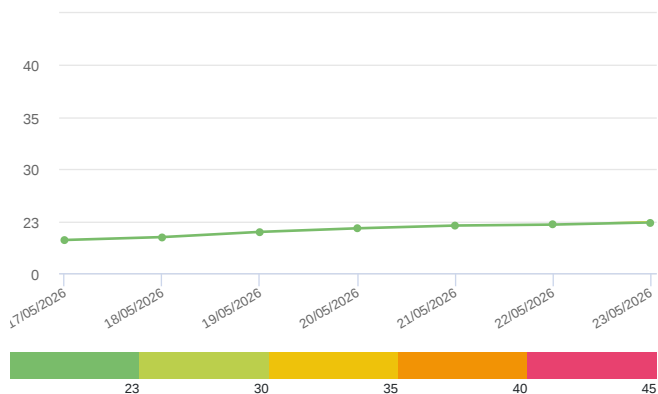
O₃ (μg/m³)



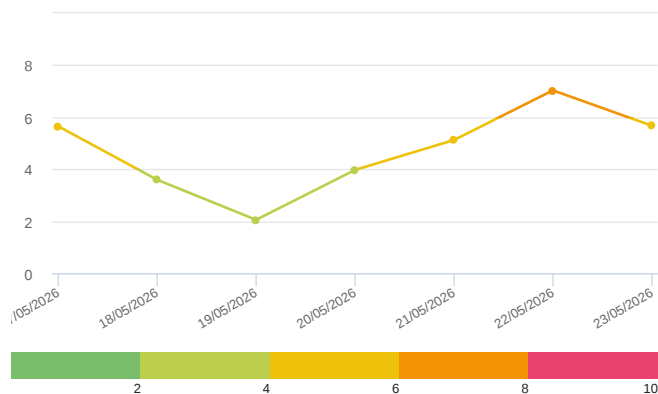
CO (ppb)



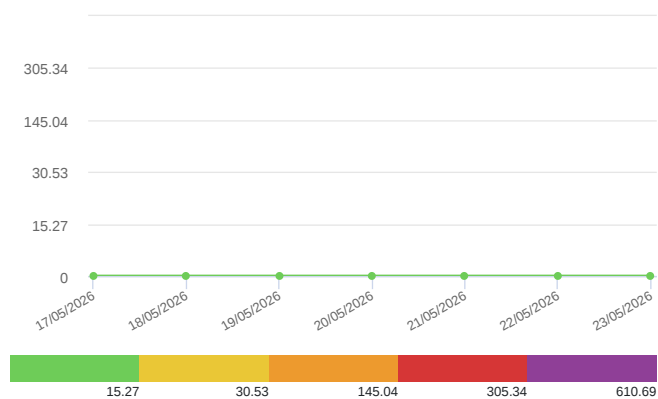
Temperature (°C)



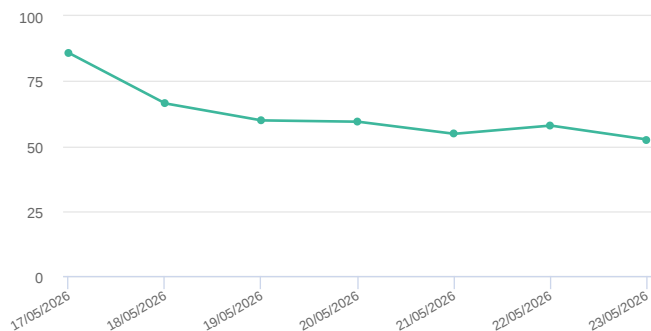
Wind Speed (m/s)



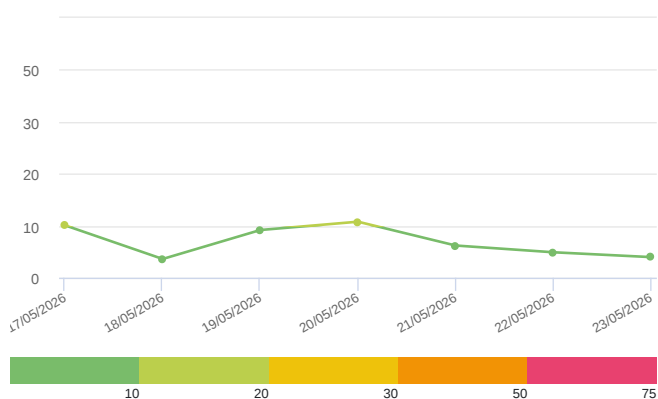
SO₂ (ppb)



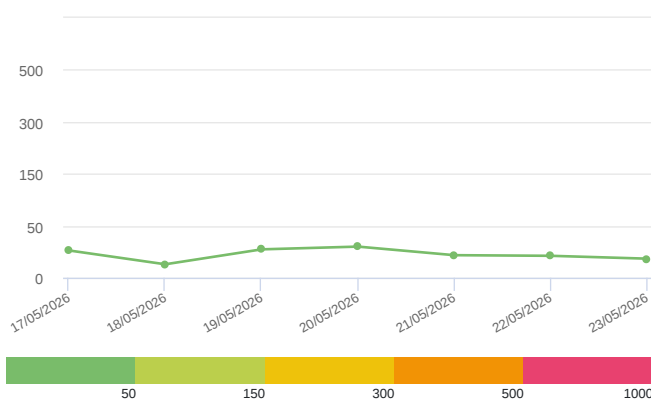
R. Humidity (%)



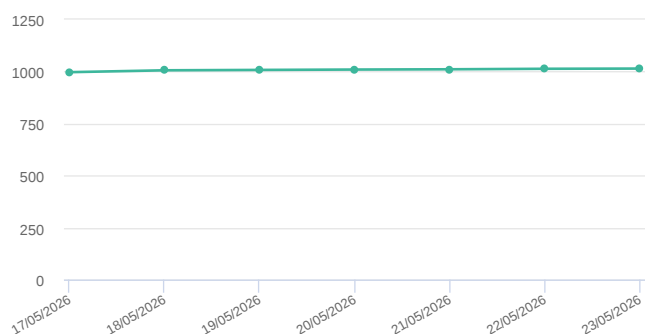
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)

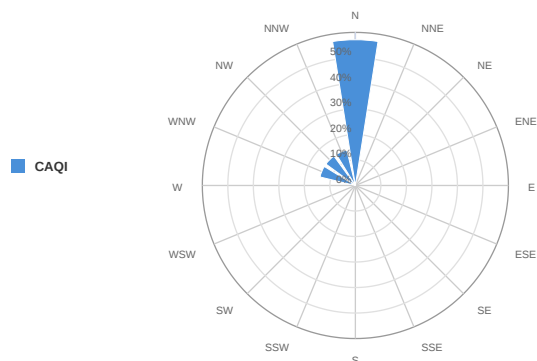


Pressure (hPa)

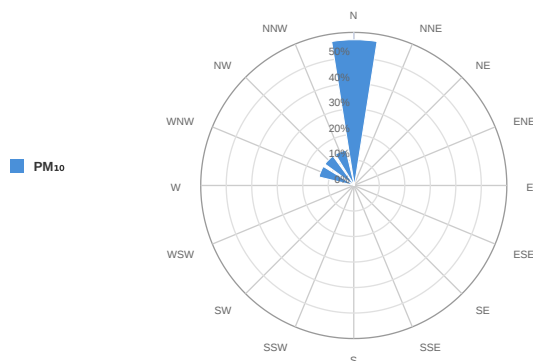


Media zilnică

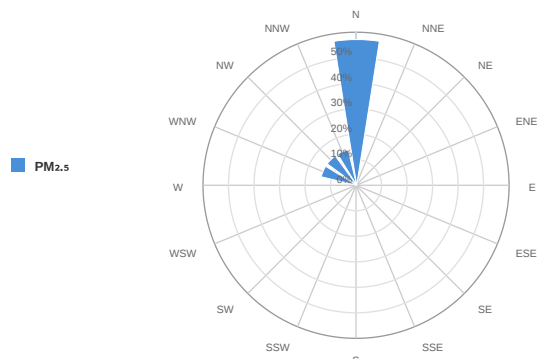
CAQI (AQI)



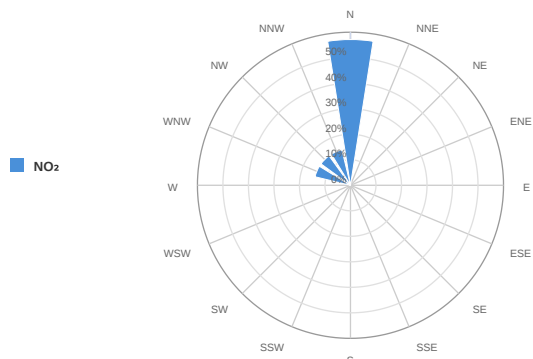
PM₁₀ (μg/m³)



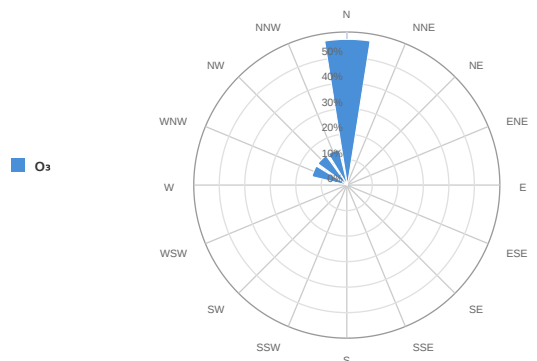
PM_{2.5} (μg/m³)



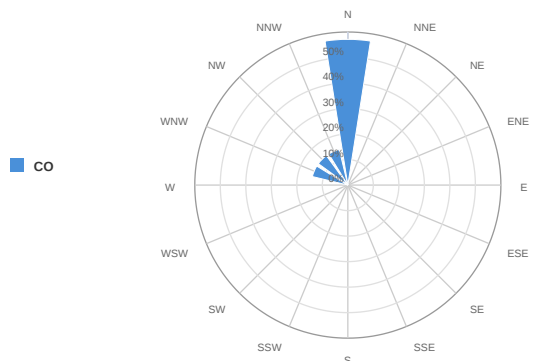
NO₂ (μg/m³)



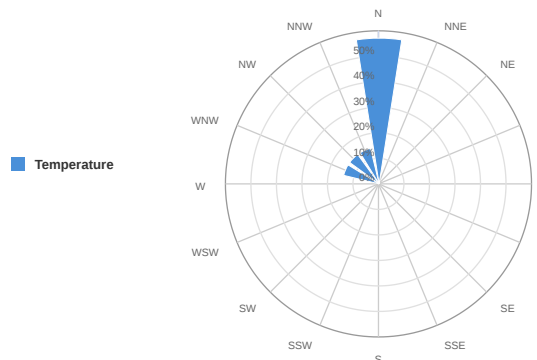
O₃ (μg/m³)



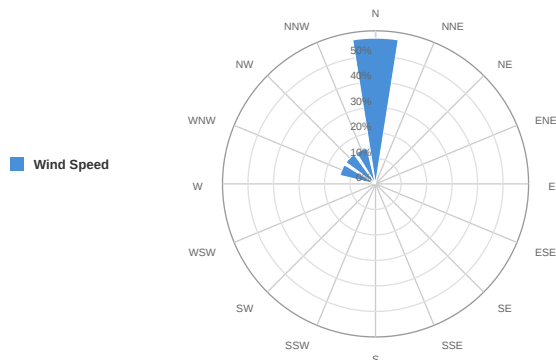
CO (ppb)



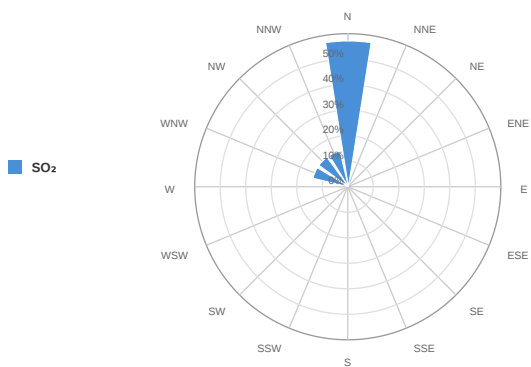
Temperature (°C)



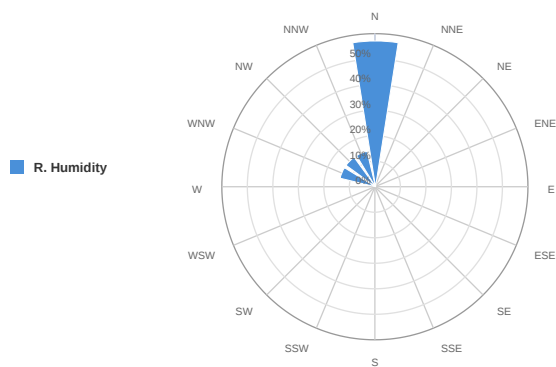
Wind Speed (m/s)



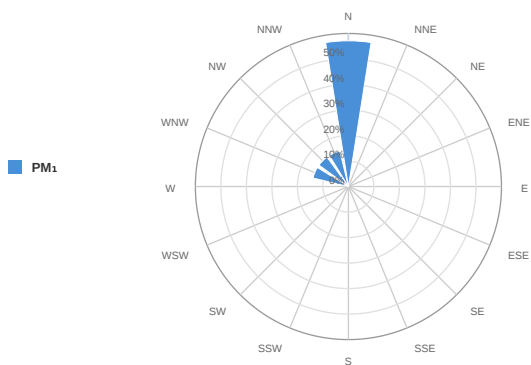
SO₂ (ppb)



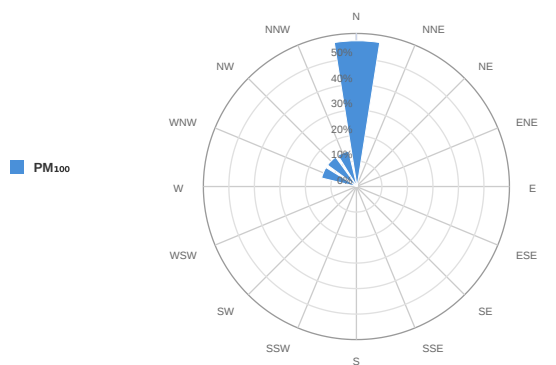
R. Humidity (%)



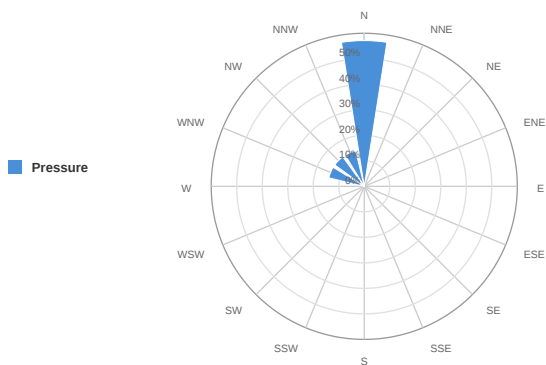
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- **23/05/2026, 23:59 CAQI Fluctuations: Low to Very Low Air Quality:** CAQI varies between 17 and 29, indicating air quality shifts from 'Very Low' to 'Low'. The highest CAQI was observed on 2026-05-17T20:59:59.000Z, potentially indicating a temporary increase in pollution levels.
- **23/05/2026, 23:59 NO₂ Levels Fluctuate Within Acceptable Thresholds:** Nitrogen dioxide (NO₂) concentrations range from 23.84 µg/m³ to 56.15 µg/m³. The peak NO₂ level observed on 2026-05-17T20:59:59.000Z falls within the 'Medium' zone, while the rest are 'Very Low' or 'Low'.
- **23/05/2026, 23:59 Ozone Levels Predominantly in the Very Low to Low Range:** Ozone (O₃) concentrations vary between 1.55 µg/m³ and 55.56 µg/m³. The highest ozone level was recorded on 2026-05-23T20:59:59.000Z, while the minimum at 2026-05-17T20:59:59.000Z. Most values are in the 'Very Low' to 'Low' category.
- **23/05/2026, 23:59 PM_{2.5} Concentrations Consistently in Low Zone:** PM_{2.5} concentrations vary between 4.32 µg/m³ and 12.38 µg/m³. All recorded values fall within the 'Very Low' category, suggesting relatively clean air concerning fine particulate matter during the measurement period.
- **23/05/2026, 23:59 PM₁₀ Levels Indicate Acceptable Air Quality:** PM₁₀ concentrations range from 9.55 µg/m³ to 24.94 µg/m³. All the readings belong to the 'Very Low' category, indicating generally good air quality in terms of coarse particulate matter.
- **23/05/2026, 23:59 Wind Speed Variation and Directional Shifts:** Wind speeds fluctuate between 2.05 m/s and 7.03 m/s, with wind direction varying significantly. The highest wind speed was observed on 2026-05-22T20:59:59.000Z from 9.23 degrees.
- **23/05/2026, 23:59 Temperature Increase Over Observation Period:** Temperature gradually increases from 14.66°C to 22.42°C during the observed period. This rise in temperature might influence the dispersion and formation of certain pollutants.
- **23/05/2026, 23:59 Consistent Battery Performance of Sensor:** The sensor consistently reports a 100% battery level across all readings, ensuring reliable data collection throughout the observation period. This suggests consistent power supply.
- **23/05/2026, 23:59 Humidity Fluctuations Present, Potential Impact on Air Quality:** Relative humidity varies from 52.5% to 85.78%. The highest humidity level at 2026-05-17T20:59:59.000Z. High humidity can affect the behavior and concentration of some pollutants.
- **23/05/2026, 23:59 Pressure Variation Relatively Stable:** Atmospheric pressure fluctuates between 997.26 hPa and 1014.54 hPa. The fluctuation is within a narrow range, indicating stable weather conditions and likely minimal impact on air pollutant dispersion.

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	22	21.8	11.1	29.84	0.79
18/05/2026, 23:59	10	9.55	4.32	15.07	20.21
19/05/2026, 23:59	21	21.25	10.27	18.51	18.21
20/05/2026, 23:59	25	24.94	12.38	16.39	19.71
21/05/2026, 23:59	16	16.41	7.31	16.45	25.2
22/05/2026, 23:59	15	15.08	6.06	13.92	25.39
23/05/2026, 23:59	13	13.42	5.32	12.67	28.3

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	322.75	14.66	5.65	324.83	100	0	85.78	10.08	26.24	997.26
18/05/2026, 23:59	305.04	15.95	3.59	289.26	100	0	66.38	3.61	12.96	1006.26
19/05/2026, 23:59	324.25	18.25	2.05	340.77	100	0	59.84	9.18	27.3	1008.08
20/05/2026, 23:59	329.66	19.82	3.97	351.27	100	0	59.34	10.78	29.97	1009.85
21/05/2026, 23:59	319.26	21.04	5.12	350.63	100	0	54.68	6.2	21.71	1011.12
22/05/2026, 23:59	318.03	21.45	7.03	9.23	100	0	57.85	4.9	21.09	1013.53
23/05/2026, 23:59	315.41	22.42	5.67	10.37	100	0	52.5	3.97	18.37	1014.54

Oizom will not be responsible for Environmental Data accuracy once Validated