

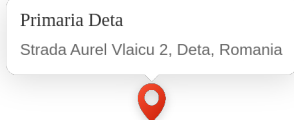
Primaria Deta

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Deta**
Locația dispozitivului: **Strada Aurel Vlaicu 2, Deta, Romania**

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



Media indicelui de calitate al aerului (ICA): **30**

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	30	28.72	10.82	21.15	29.95
Maximum	43	42.84	17.21	26.46	39.06
Date	20/05/2026	20/05/2026	20/05/2026	17/05/2026	22/05/2026
Minimum	22	21.66	7.34	17.46	18.61
Date	23/05/2026	23/05/2026	23/05/2026	23/05/2026	17/05/2026

The data shown above is based on Media zilnică .

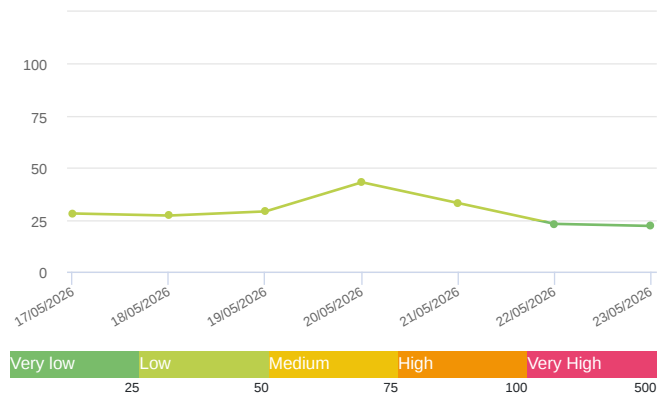
Prezentare generală zilnică: Alți parametri

	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	268.87	18.49	3.83	341.26	100	6.46	68.51	9.03	39.03	1007.5
Maximum	279.43	21.74	6.93	3.82	100	16.2	88.15	14.69	55.86	1012.84
Date	23/05/2026	23/05/2026	22/05/2026	22/05/2026	17/05/2026	23/05/2026	17/05/2026	20/05/2026	20/05/2026	23/05/2026
Minimum	251.13	14.68	2.04	339.28	100	2.5	61.57	5.62	30.68	996.24
Date	18/05/2026	17/05/2026	19/05/2026	19/05/2026	17/05/2026	17/05/2026	23/05/2026	23/05/2026	23/05/2026	17/05/2026

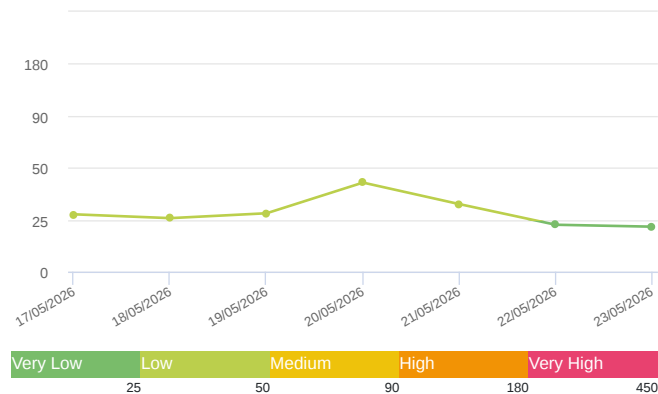
The data shown above is based on Media zilnică .

Media zilnică

CAQI (AQI)



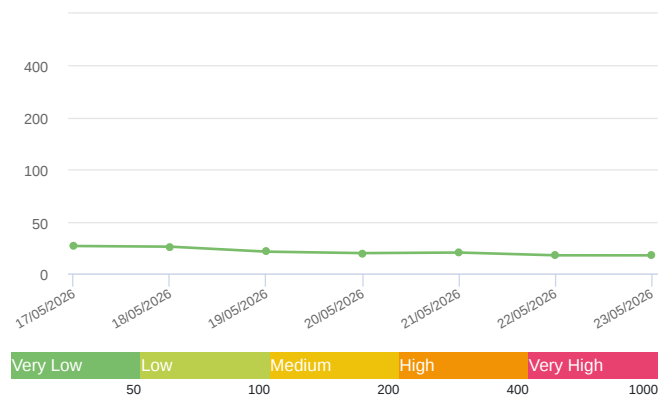
PM₁₀ (μg/m³)



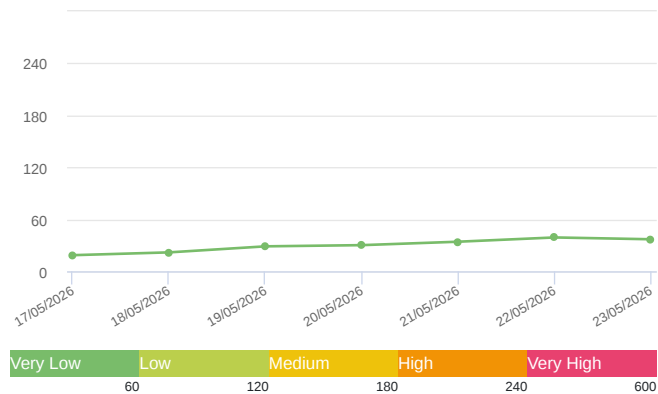
PM_{2.5} (μg/m³)



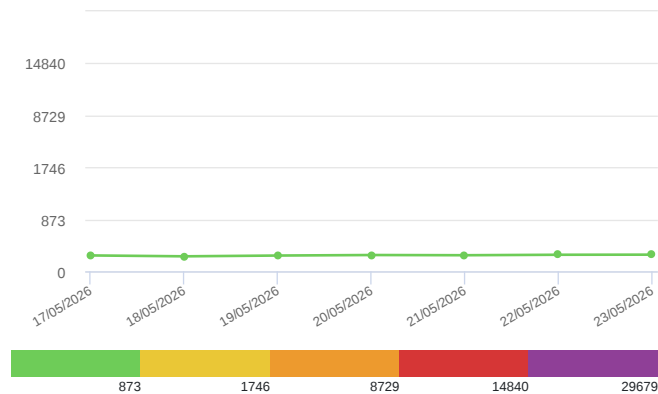
NO₂ (μg/m³)



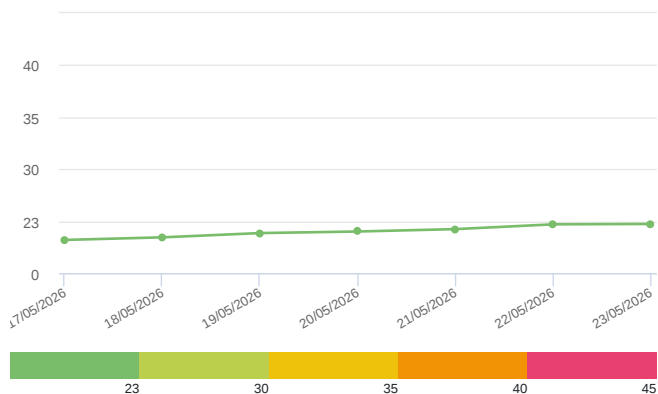
O₃ (μg/m³)



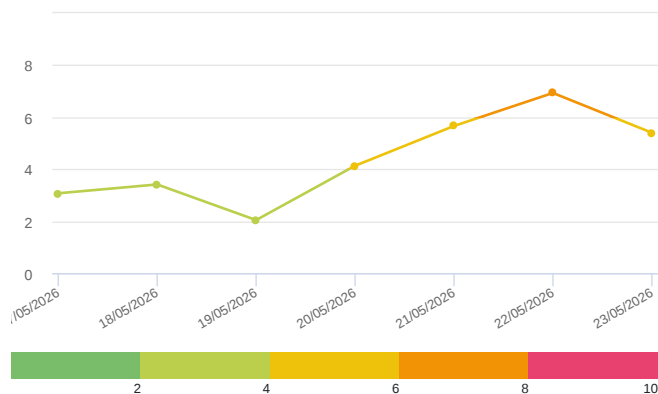
CO (ppb)



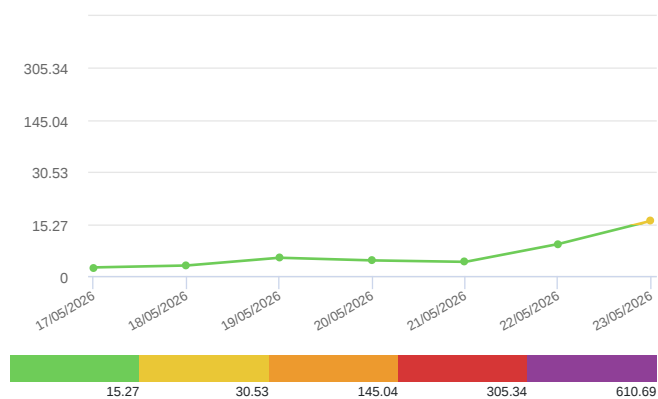
Temperature (°C)



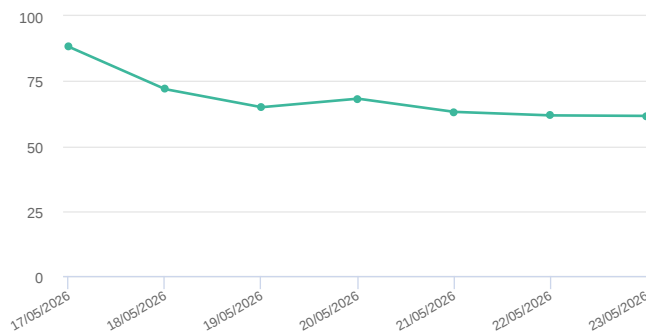
Wind Speed (m/s)



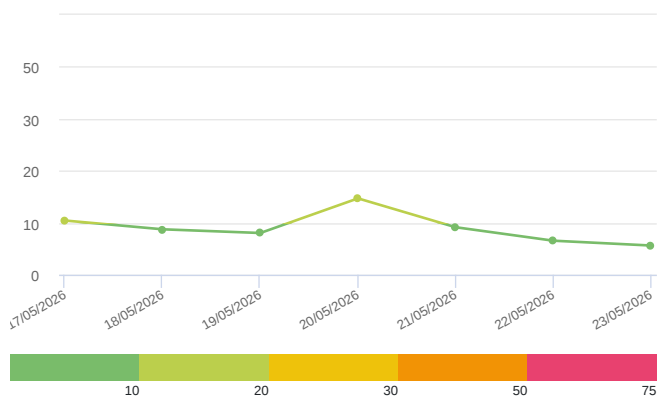
SO₂ (ppb)



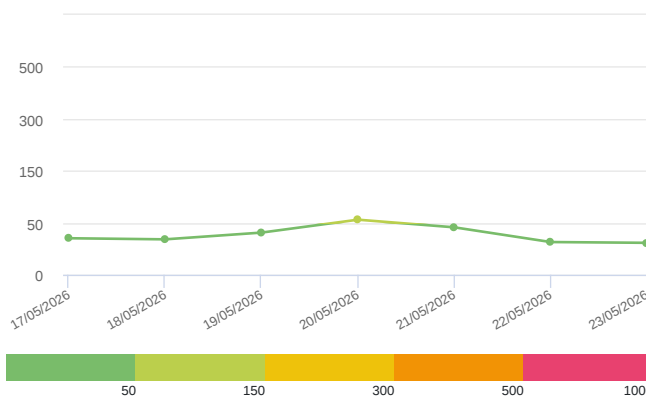
R. Humidity (%)



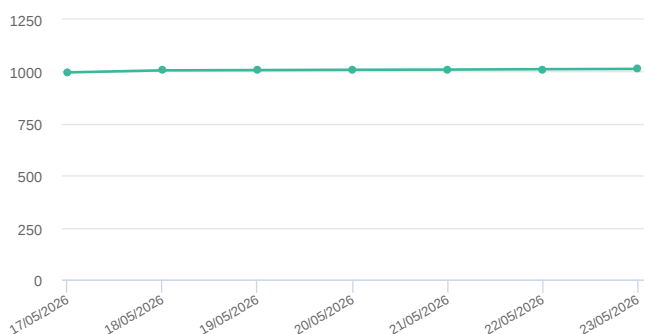
PM₁ (μg/m³)



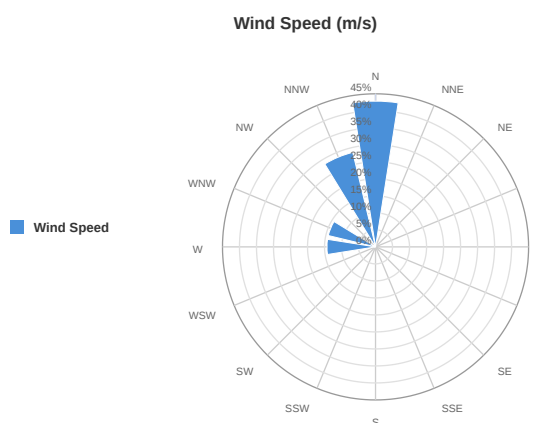
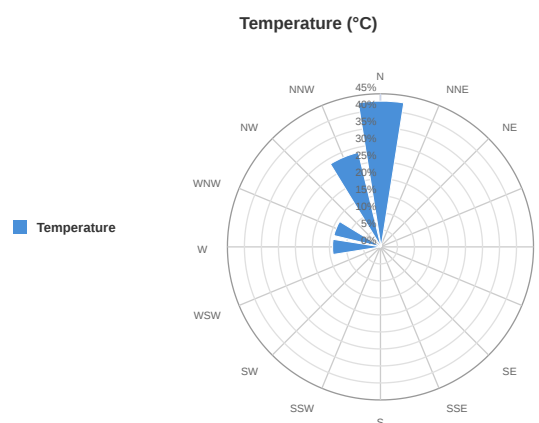
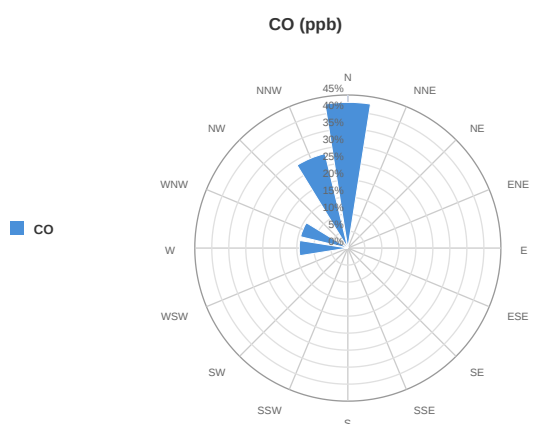
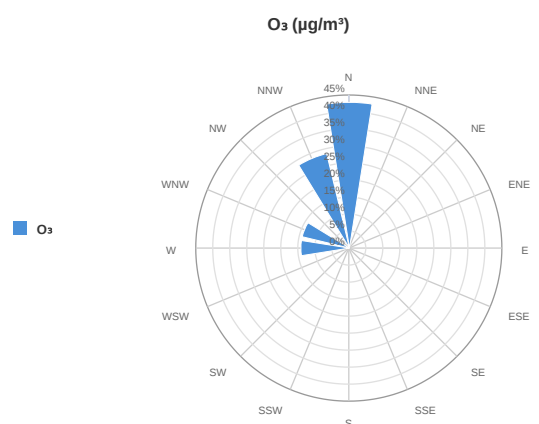
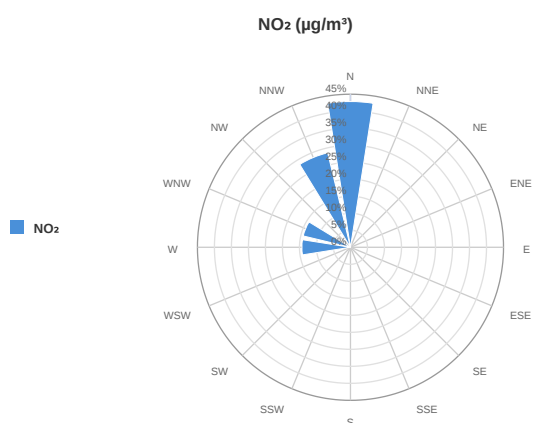
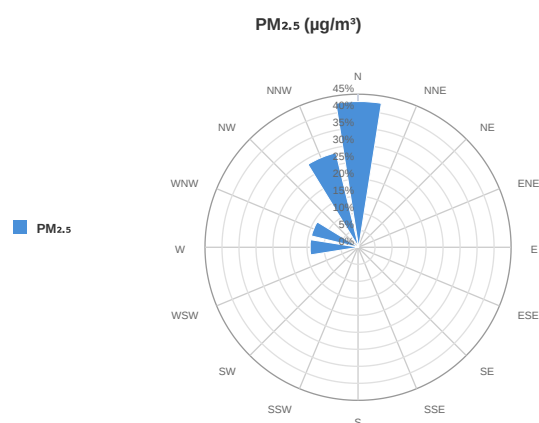
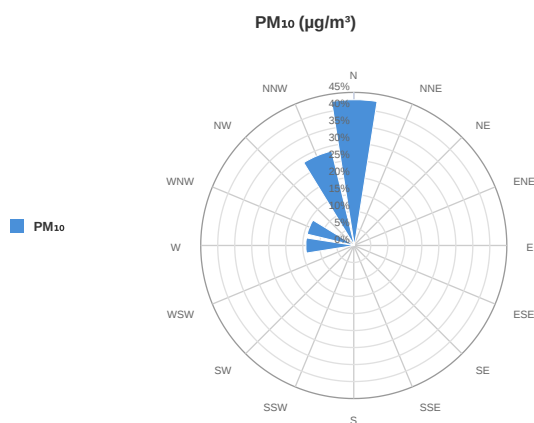
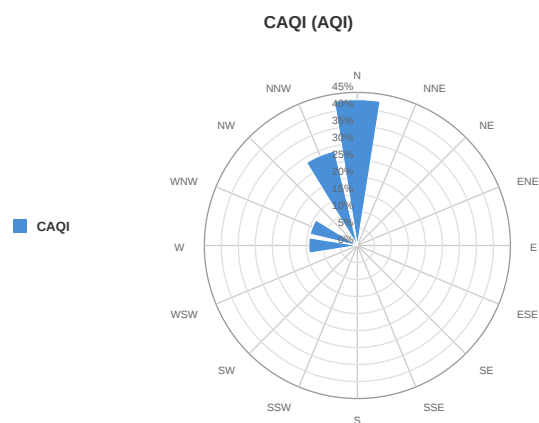
PM₁₀₀ (μg/m³)



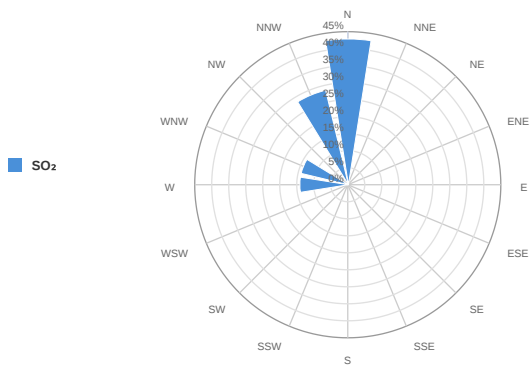
Pressure (HPa)



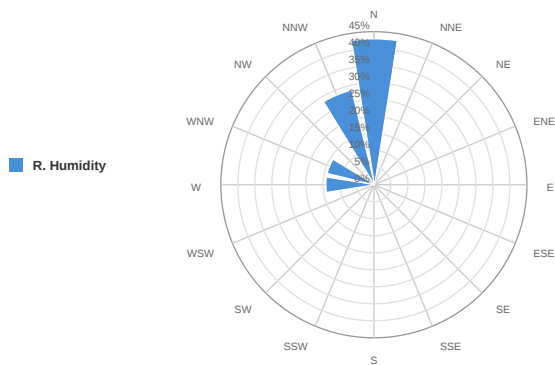
Media zilnică



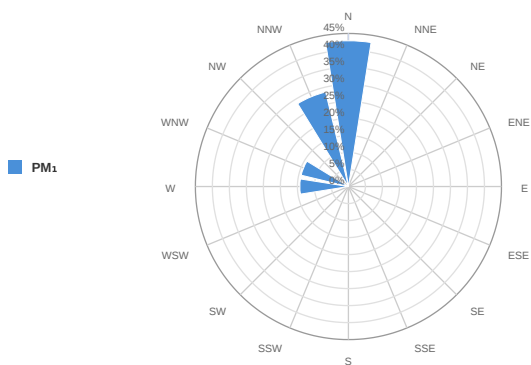
SO₂ (ppb)



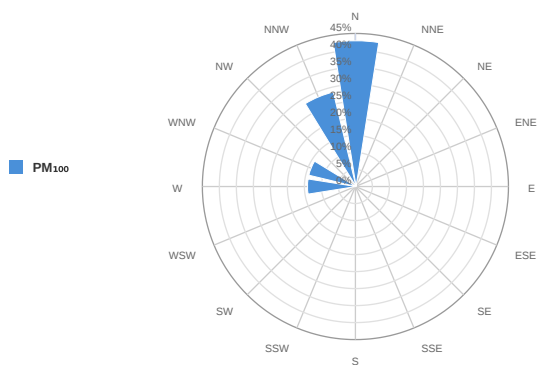
R. Humidity (%)



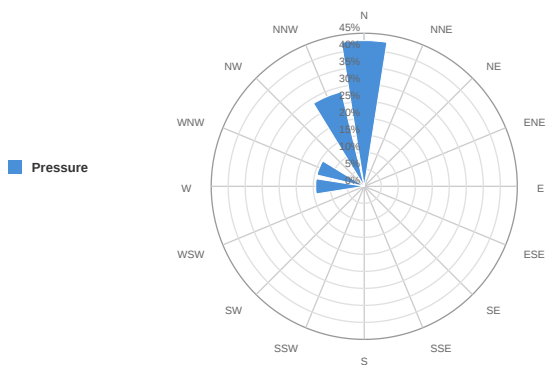
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- **23/05/2026, 23:59 Air Quality Consistently Low Across All Recorded Days:** The CAQI values remained consistently in the 'Low' zone, ranging from 27 to 43, indicating generally acceptable air quality during the observed period. No measurements exceeded 'Medium' threshold.
- **23/05/2026, 23:59 PM_{2.5} Levels Stay in 'Very Low' to 'Low' Range:** PM_{2.5} concentrations varied between 7.34 and 17.21 µg/m³, placing them predominantly in the 'Very Low' to 'Low' air quality zones, with only one instance exceeding 15 µg/m³.
- **23/05/2026, 23:59 PM₁₀ Levels Fluctuate Within 'Low' Air Quality Range:** PM₁₀ concentrations fluctuated between 21.66 and 42.84 µg/m³, placing all recorded values within the 'Low' air quality range for particulate matter of this size.
- **23/05/2026, 23:59 Ozone Levels Show Medium Air Quality Range:** O₃ concentrations vary, ranging from 36.53 to 76.68 µg/m³. The O₃ values fall within the 'Low' to 'Medium' zones, indicating a varying level of photochemical activity.
- **23/05/2026, 23:59 Nitrogen Dioxide Concentrations Remain Low:** NO₂ concentrations are consistently in the 'Low' range, varying between 32.86 and 49.79 µg/m³. These levels indicate relatively low pollution from combustion sources during the period.
- **23/05/2026, 23:59 Temperature increase during the timeframe:** The temperature increased over the course of the week, rising from 14.68°C to 21.74°C. This increase could potentially influence other air quality parameters.
- **23/05/2026, 23:59 Wind Speed Variability:** Wind speed varied noticeably, ranging from 2.04 m/s to 6.93 m/s, which likely influenced the dispersion and concentration of pollutants in the area.
- **23/05/2026, 23:59 Pressure Increase Noted:** Atmospheric pressure showed a gradual increase from 996.24 hPa to 1012.84 hPa, possibly indicating a shift in weather patterns during the recorded timeframe.
- **23/05/2026, 23:59 Humidity Consistently High Throughout the Period:** Relative humidity remained high, fluctuating between 61.57% and 88.15%, which can influence the behavior and longevity of certain pollutants in the air.
- **22/05/2026, 23:59 Highest Ozone Concentration Noted on May 22:** The highest O₃ concentration was observed on May 22nd, reaching 76.68 µg/m³, placing it in the 'Medium' air quality zone. High O₃ levels can impact respiratory health.

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	28	27.59	11.89	26.46	18.61
18/05/2026, 23:59	27	25.76	10.3	25.78	21.85
19/05/2026, 23:59	29	28.1	9.8	21.02	28.83
20/05/2026, 23:59	43	42.84	17.21	19.62	30.2
21/05/2026, 23:59	33	32.51	11.15	20.17	34.16
22/05/2026, 23:59	23	22.57	8.04	17.52	39.06
23/05/2026, 23:59	22	21.66	7.34	17.46	36.98

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
17/05/2026, 23:59	266.57	14.68	3.07	293.22	100	2.5	88.15	10.43	35.11	996.24
18/05/2026, 23:59	251.13	15.82	3.41	278.51	100	3.07	71.86	8.74	34.03	1006.04
19/05/2026, 23:59	264.57	17.71	2.04	339.28	100	5.35	64.92	8.03	40.53	1007.31
20/05/2026, 23:59	273.43	18.41	4.13	339.99	100	4.56	68.2	14.69	55.86	1008.82
21/05/2026, 23:59	269.42	19.46	5.66	350.52	100	4.14	63.12	9.14	45.59	1009.68
22/05/2026, 23:59	277.58	21.58	6.93	3.82	100	9.37	61.77	6.55	31.44	1011.58
23/05/2026, 23:59	279.43	21.74	5.4	1.89	100	16.2	61.57	5.62	30.68	1012.84

Oizom will not be responsible for Environmental Data accuracy once Validated