

Consiliul Județean Timiș

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Consiliul Județean Timiș**
Locația dispozitivului: **Strada Nicu Filipescu 4, Timișoara 300201, Romania**

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

Consiliul Județean Timiș
Strada Nicu Filipescu 4, Timișoara
300201, Romania



Media indicelui de calitate al aerului (ICA): **26**

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	26	25.24	7.37	25.98	49.29
Maximum	32	31.66	10.15	34.59	59.64
Date	19/05/2026	19/05/2026	20/05/2026	18/05/2026	22/05/2026
Minimum	23	20.08	5.48	15.76	38.77
Date	17/05/2026	23/05/2026	23/05/2026	23/05/2026	18/05/2026

The data shown above is based on Media zilnică .

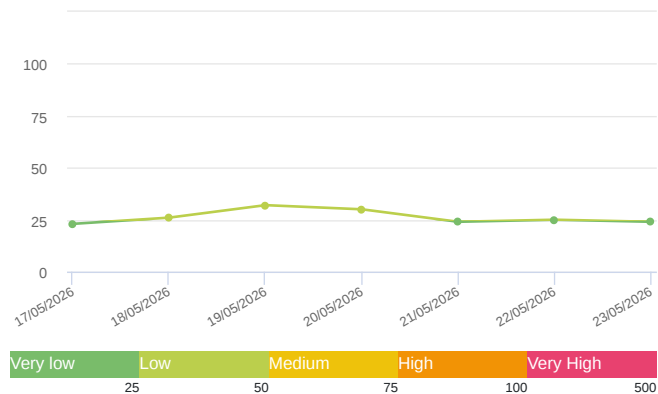
Prezentare generală zilnică: Alți parametri

	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	339.6	20.52	3.95	353.37	100	2.5	58.82	5.84	46.36	1005.57
Maximum	352.42	24.53	7.44	9.59	100	2.51	81.32	8.6	59.2	1010.98
Date	18/05/2026	23/05/2026	22/05/2026	22/05/2026	17/05/2026	17/05/2026	17/05/2026	20/05/2026	19/05/2026	23/05/2026
Minimum	331.18	16.31	1.48	348.86	100	2.49	48.11	3.74	36.86	994.27
Date	17/05/2026	17/05/2026	19/05/2026	19/05/2026	17/05/2026	19/05/2026	23/05/2026	23/05/2026	23/05/2026	17/05/2026

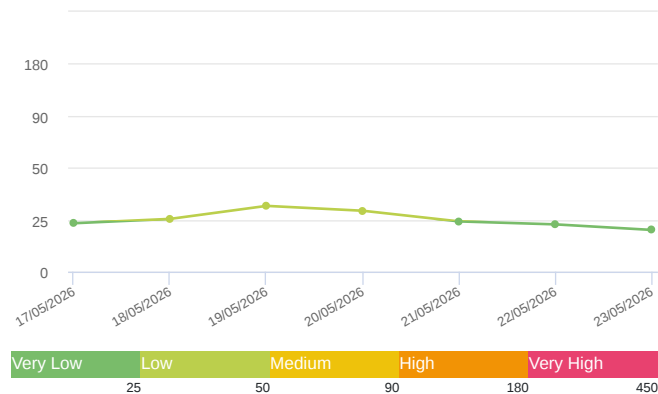
The data shown above is based on Media zilnică .

Media zilnică

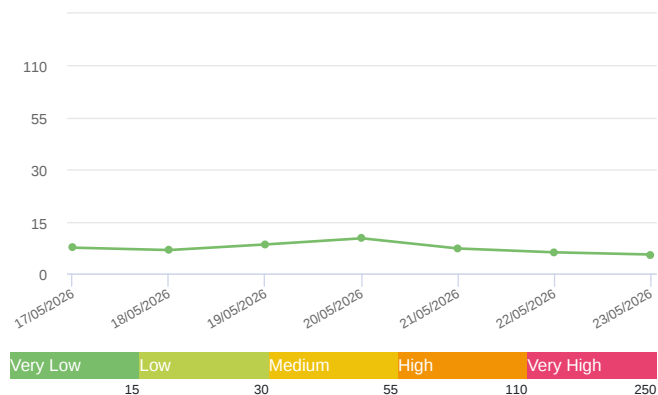
CAQI (AQI)



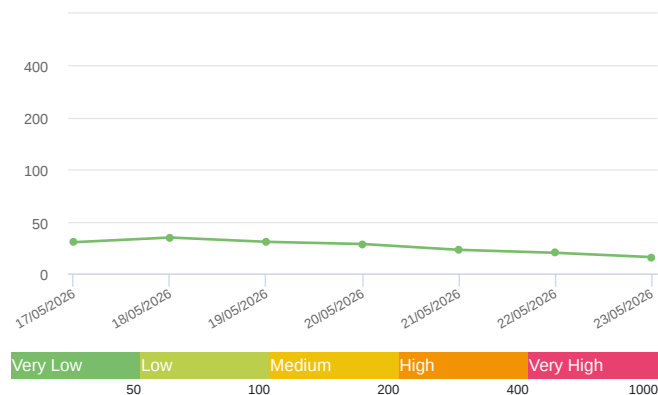
PM₁₀ (μg/m³)



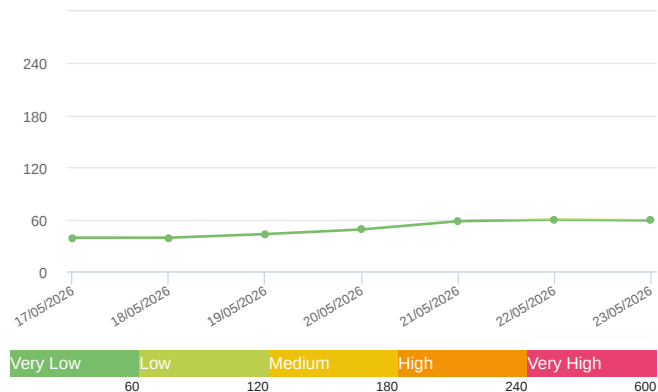
PM_{2.5} (μg/m³)



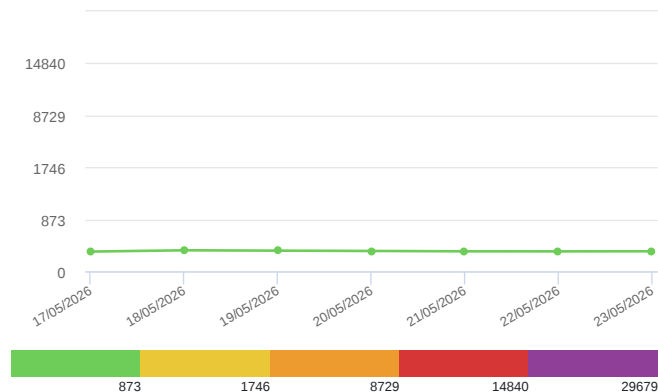
NO₂ (μg/m³)



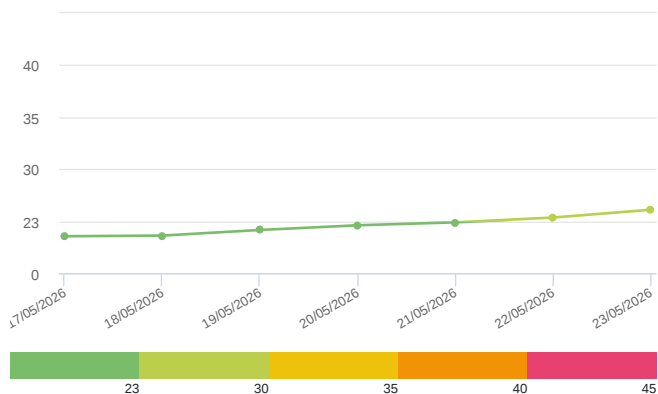
O₃ (μg/m³)



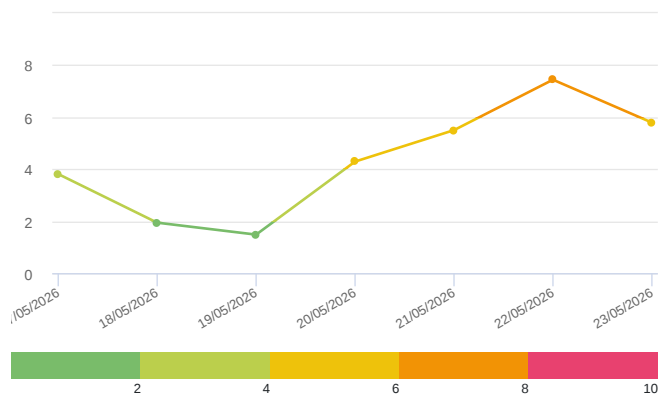
CO (ppb)



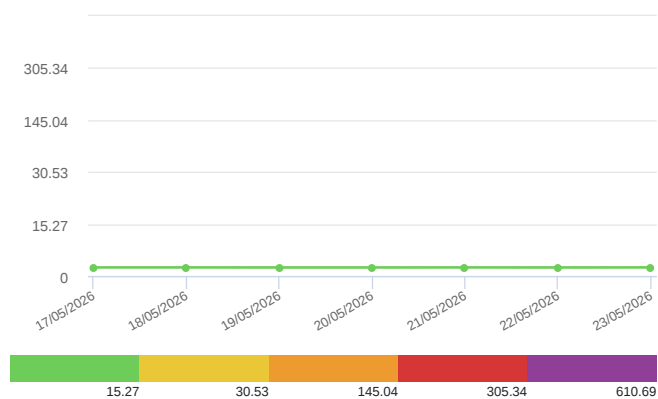
Temperature (°C)



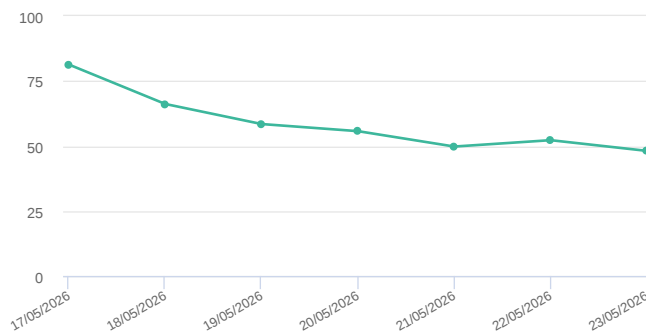
Wind Speed (m/s)



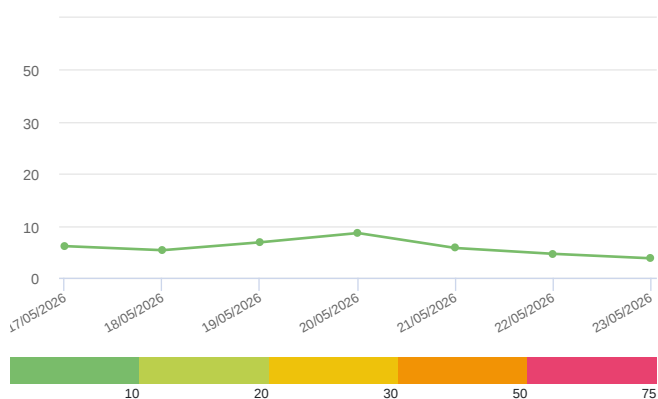
SO₂ (ppb)



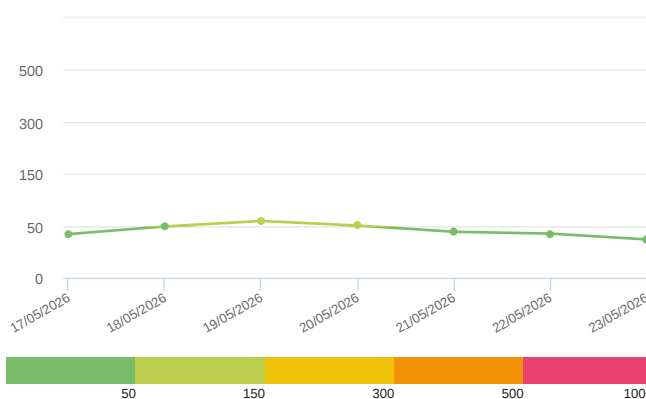
R. Humidity (%)



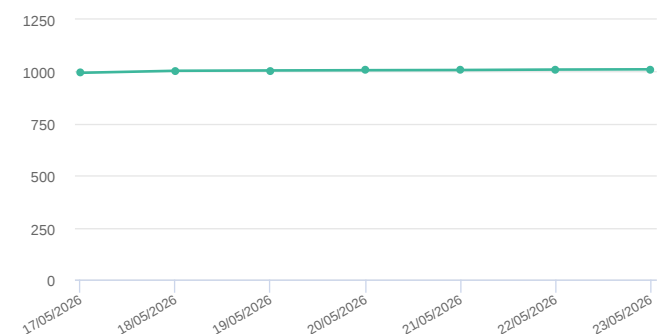
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)

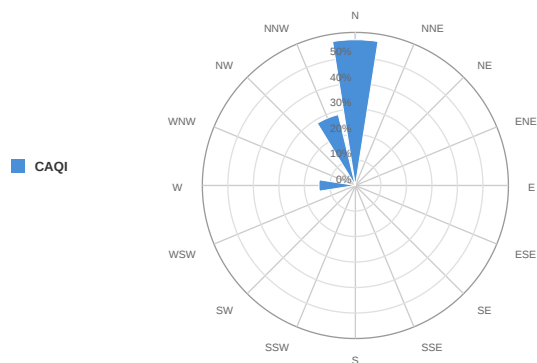


Pressure (HPa)

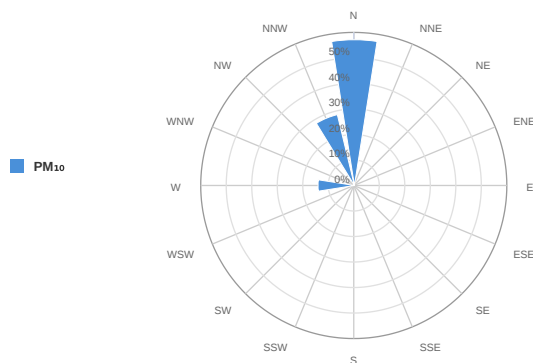


Media zilnică

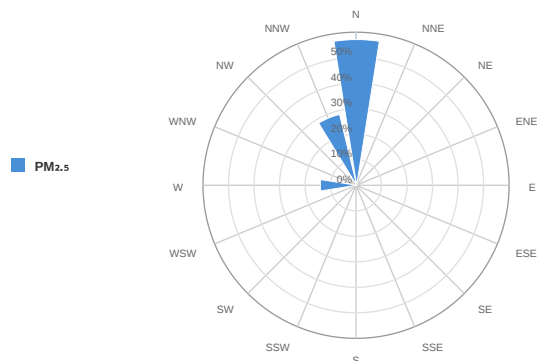
CAQI (AQI)



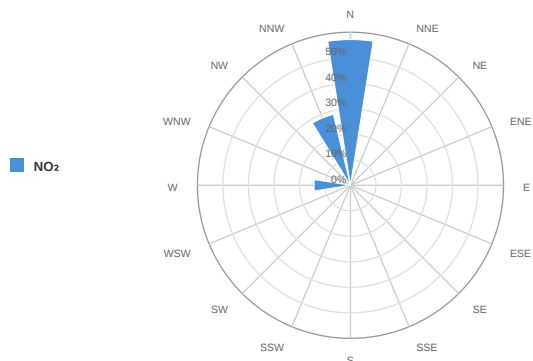
PM₁₀ (μg/m³)



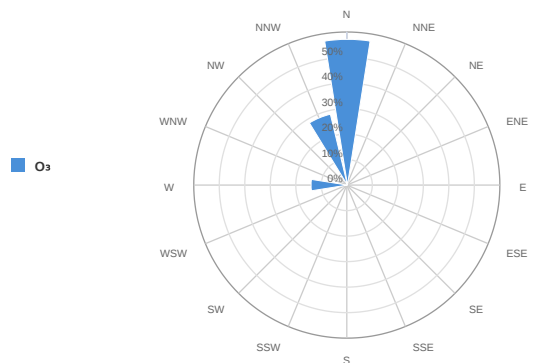
PM_{2.5} (μg/m³)



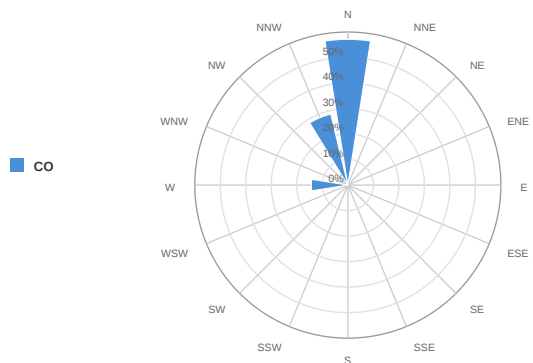
NO₂ (μg/m³)



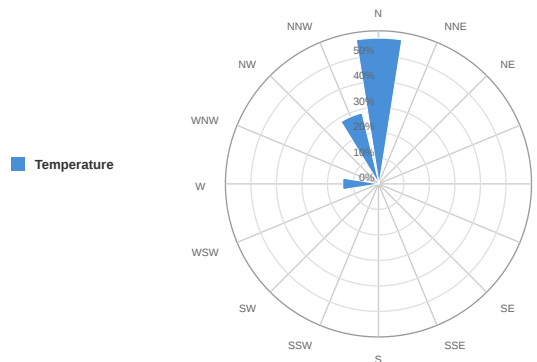
O₃ (μg/m³)



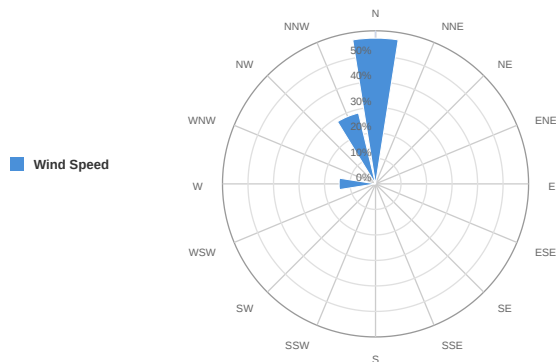
CO (ppb)



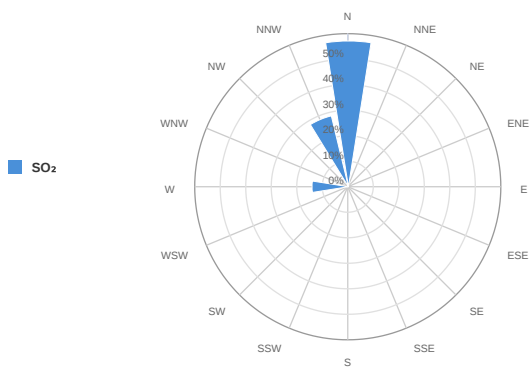
Temperature (°C)



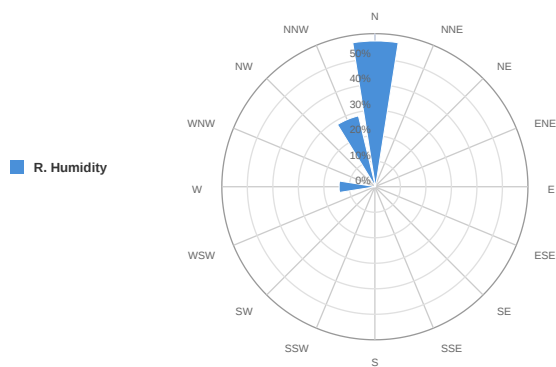
Wind Speed (m/s)



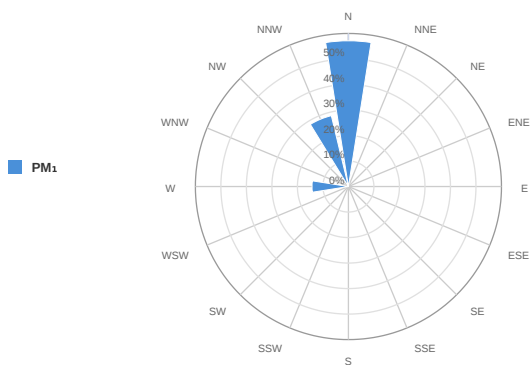
SO₂ (ppb)



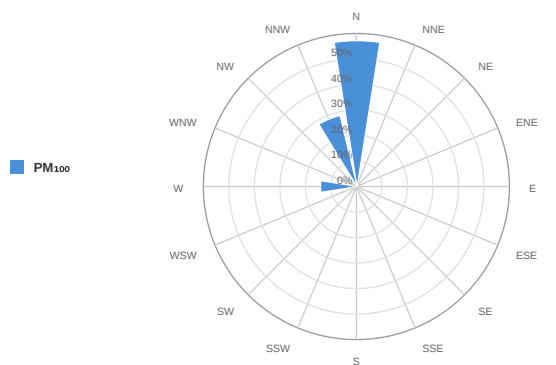
R. Humidity (%)



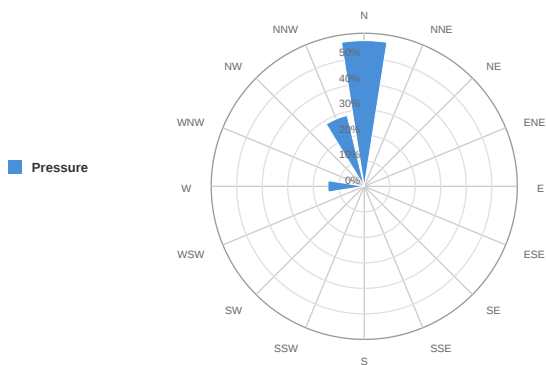
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 23/05/2026, 23:59 **Consistent Low Air Quality Days:** The CAQI consistently falls within the 'Low' range (32-49) throughout the entire period, indicating stable but not excellent air quality.
- 22/05/2026, 23:59 **Ozone Levels Shifting Towards High:** Ozone (O_3) levels show a general upward trend, reaching 'High' zone on 2026-05-21, peaking at $117.08 \mu g/m^3$ on 2026-05-22.
- 23/05/2026, 23:59 **Nitrogen Dioxide Levels within Medium Zone:** Nitrogen Dioxide (NO_2) concentrations remain primarily in the 'Medium' zone, ranging from 29.66 to $65.09 \mu g/m^3$, indicating moderate pollution from combustion sources.
- 23/05/2026, 23:59 **PM_{2.5} Levels Consistently Very Low to Low:** Particulate Matter 2.5 ($PM_{2.5}$) levels are consistently in the 'Very Low' to 'Low' range (5.48 - $10.15 \mu g/m^3$), suggesting relatively clean air regarding fine particles.
- 23/05/2026, 23:59 **PM₁₀ Levels Mostly in Low Zone:** Particulate Matter 10 (PM_{10}) levels generally fall within the 'Low' range (20.08 - $31.66 \mu g/m^3$), with minor fluctuations observed throughout the week.
- 23/05/2026, 23:59 **Wind Speed Impacting Air Quality:** Higher wind speeds (e.g., 7.44 m/s on 2026-05-22) appear to coincide with slightly lower $PM_{2.5}$ concentrations, suggesting particle dispersion.
- 23/05/2026, 23:59 **Temperature Increase Correlates with Ozone:** A slight positive correlation is observed between temperature and Ozone levels. As temperature increases, Ozone levels tend to increase as well.
- 23/05/2026, 23:59 **Humidity Fluctuations and PM₁₀:** R. Humidity shows fluctuations across the week, potentially impacting PM_{10} levels through hygroscopic growth, although the effect seems minor in this dataset.
- 23/05/2026, 23:59 **Stable Battery Performance:** The battery percentage remains consistently at 100% across all reported times, ensuring continuous sensor operation and data collection.
- 23/05/2026, 23:59 **Pressure Increase Over Time:** Atmospheric pressure gradually increased from 994.27 hPa to 1010.98 hPa over the week, potentially influencing 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	23	23.29	7.46	30.09	38.81
18/05/2026, 23:59	26	25.41	6.76	34.59	38.77
19/05/2026, 23:59	32	31.66	8.39	30.44	42.94
20/05/2026, 23:59	30	29.3	10.15	28.37	48.27
21/05/2026, 23:59	24	24.18	7.22	22.76	57.84
22/05/2026, 23:59	25	22.75	6.1	19.89	59.64
23/05/2026, 23:59	24	20.08	5.48	15.76	58.76

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	331.18	16.31	3.81	331.19	100	2.51	81.32	6.08	42.01	994.27
18/05/2026, 23:59	352.42	16.6	1.94	271.08	100	2.5	66.16	5.3	49.39	1003.97
19/05/2026, 23:59	346.85	19.1	1.48	348.86	100	2.49	58.44	6.82	59.2	1005.52
20/05/2026, 23:59	341.17	21.16	4.29	344.41	100	2.49	55.7	8.6	50.42	1006.75
21/05/2026, 23:59	334.86	22.44	5.5	356.78	100	2.5	49.78	5.72	44.19	1007.71
22/05/2026, 23:59	334.62	23.48	7.44	9.59	100	2.49	52.23	4.6	42.44	1009.79
23/05/2026, 23:59	336.09	24.53	5.79	10.85	100	2.51	48.11	3.74	36.86	1010.98

Oizom will not be responsible for Environmental Data accuracy once Validated