

Consiliul Județean Timiș

WEEKLY AIR-QUALITY REPORT

Timp de la: **10/05/2026, 00:00**
Timp până la: **17/05/2026, 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): **28**

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 | 28 | 26.79 | 6.81 | 30.28 | 45.46 |
| Maximum | 36 | 35.14 | 10.02 | 33.35 | 48.29 |
| Date | 14/05/2026 | 14/05/2026 | 10/05/2026 | 13/05/2026 | 10/05/2026 |
| Minimum | 21 | 21.44 | 4.79 | 23.76 | 42.22 |
| Date | 16/05/2026 | 16/05/2026 | 16/05/2026 | 10/05/2026 | 16/05/2026 |

The data shown above is based on Media zilnică .

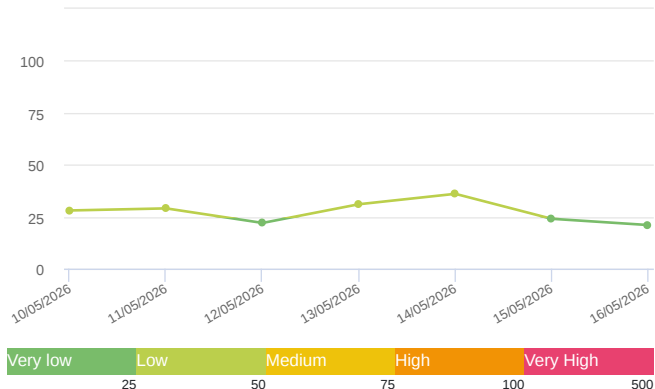
Prezentare generală zilnică: Alți parametri

| | 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 | 329.31 | 18.11 | 1.58 | 199.55 | 100 | 2.5 | 60.79 | 5.07 | 51.09 | 995.57 |
| Maximum | 334.09 | 21.43 | 5.32 | 304.61 | 100 | 2.53 | 69.86 | 8.4 | 67.91 | 1003.3 |
| Date | 13/05/2026 | 10/05/2026 | 13/05/2026 | 13/05/2026 | 10/05/2026 | 15/05/2026 | 16/05/2026 | 10/05/2026 | 14/05/2026 | 10/05/2026 |
| Minimum | 320.9 | 13.93 | 1.67 | 137.27 | 100 | 2.47 | 53.25 | 3.22 | 42.75 | 990.11 |
| Date | 16/05/2026 | 13/05/2026 | 10/05/2026 | 10/05/2026 | 10/05/2026 | 10/05/2026 | 14/05/2026 | 16/05/2026 | 12/05/2026 | 16/05/2026 |

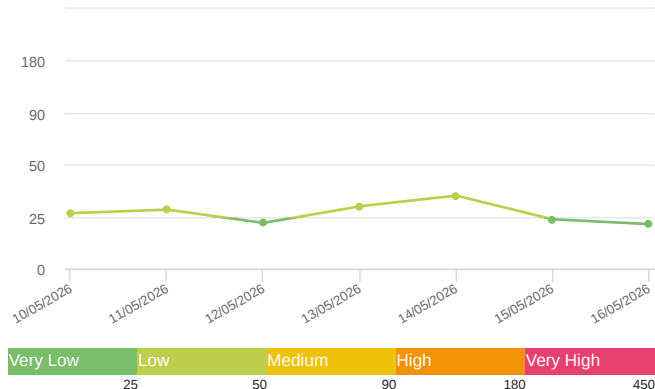
The data shown above is based on Media zilnică .

Media zilnică

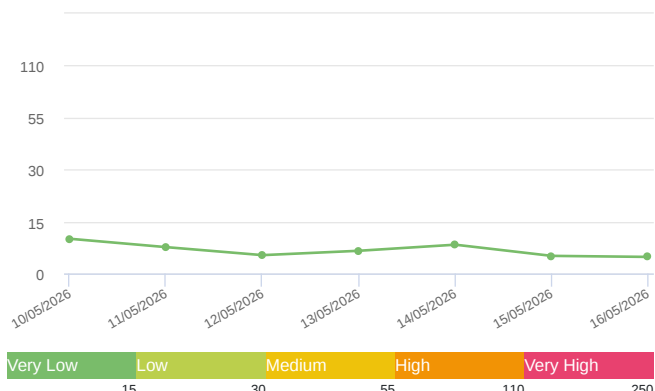
CAQI (AQI)



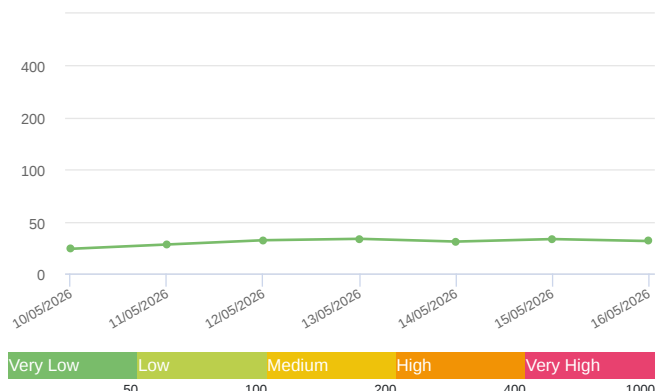
PM₁₀ (μg/m³)



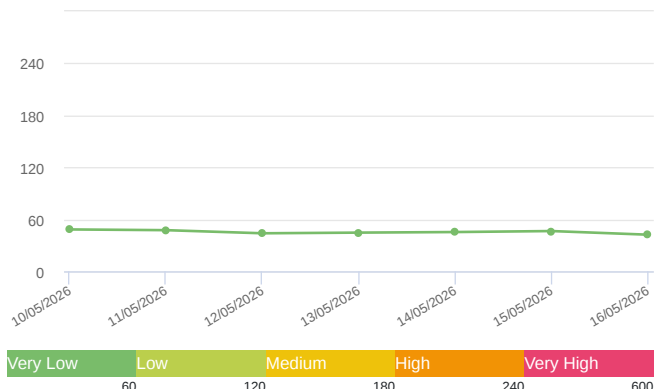
PM_{2.5} (μg/m³)



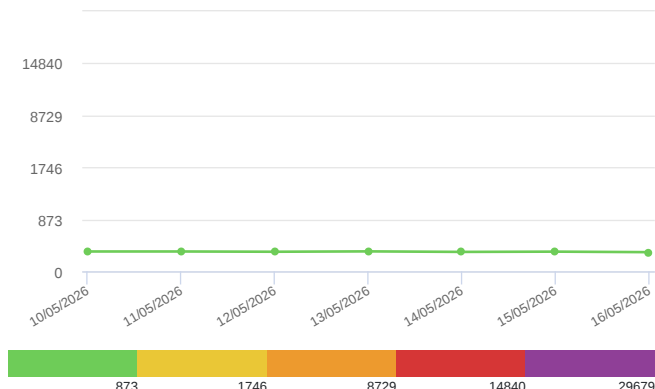
NO₂ (μg/m³)



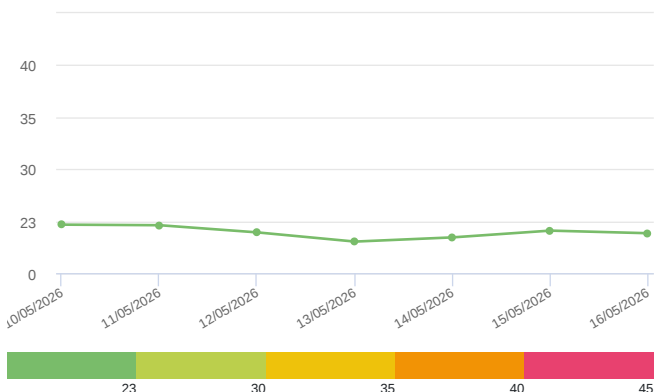
O₃ (μg/m³)



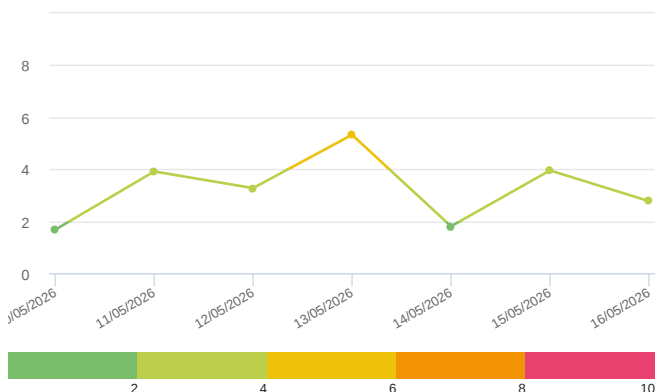
CO (ppb)



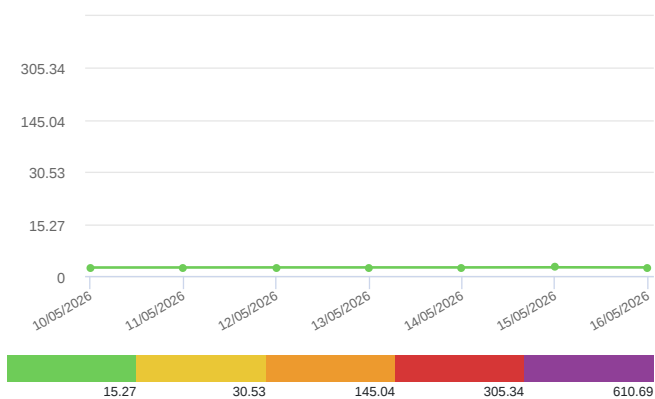
Temperature (°C)



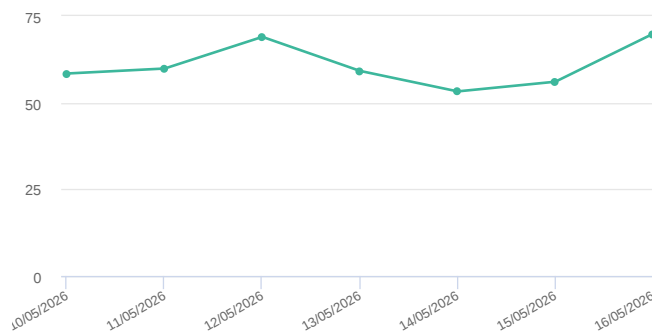
Wind Speed (m/s)



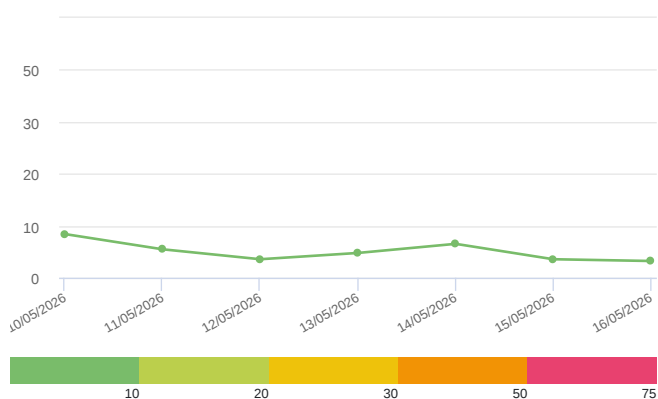
SO₂ (ppb)



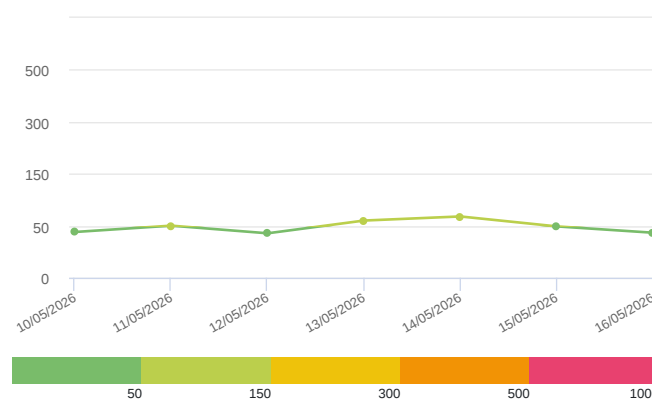
R. Humidity (%)



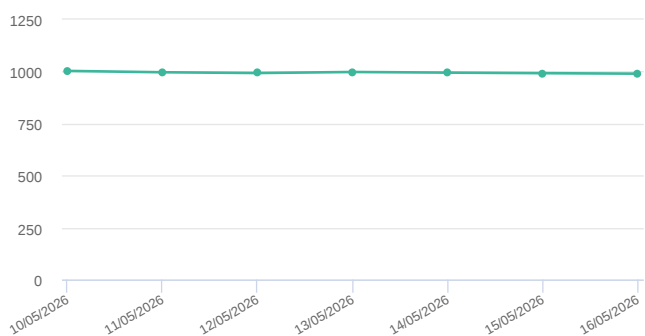
PM₁ (μg/m³)



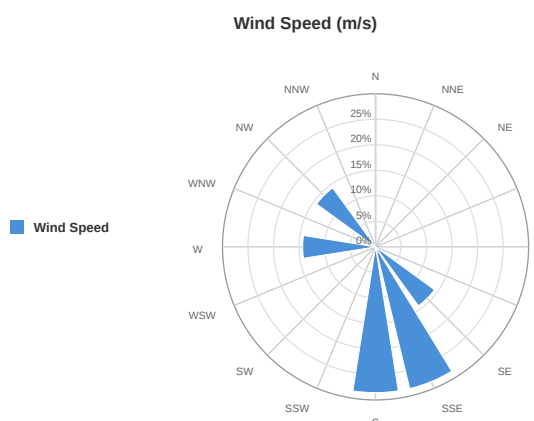
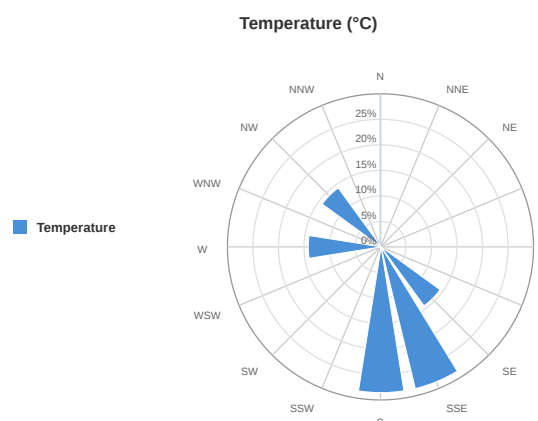
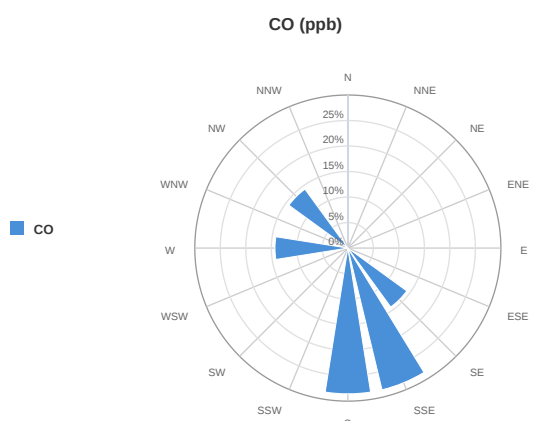
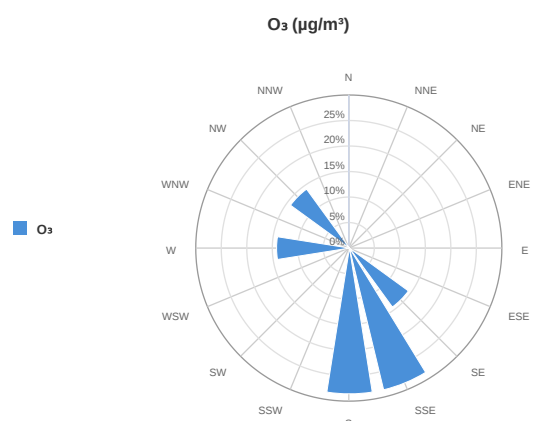
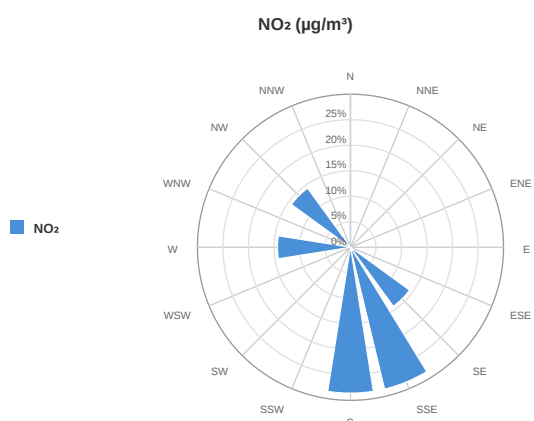
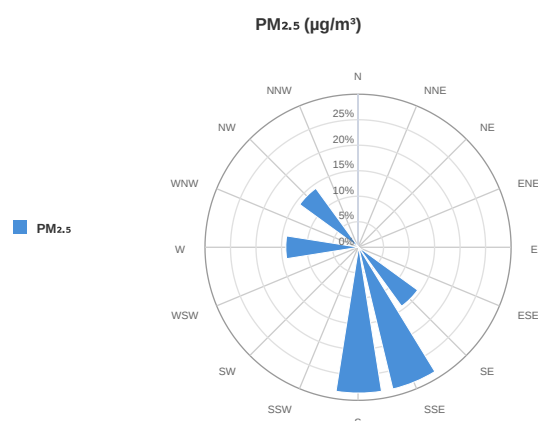
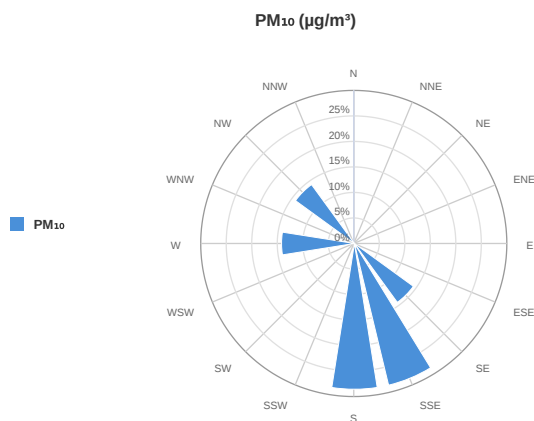
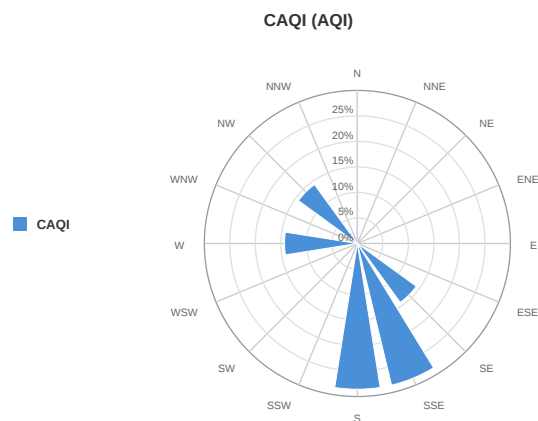
PM₁₀₀ (μg/m³)



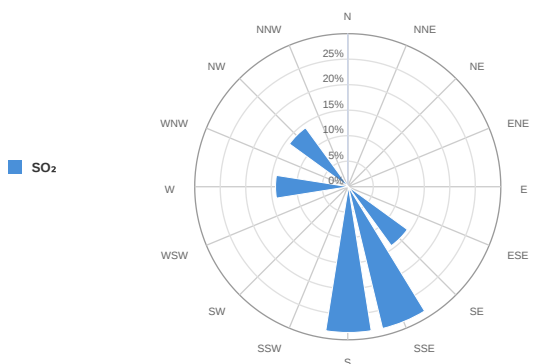
Pressure (hPa)



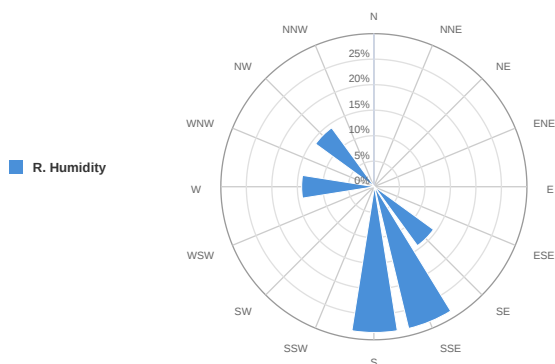
Media zilnică



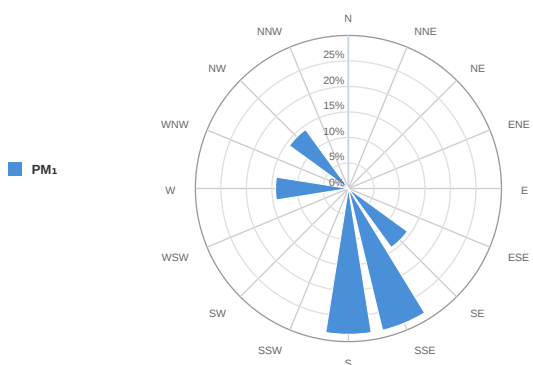
SO₂ (ppb)



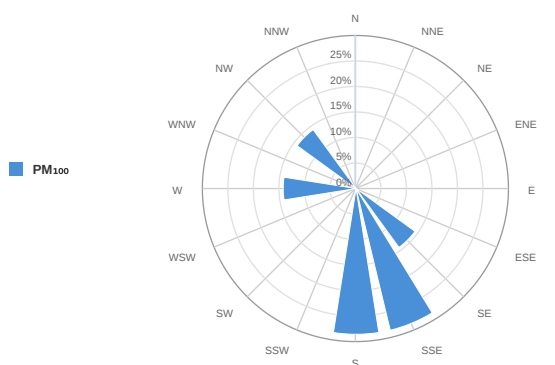
R. Humidity (%)



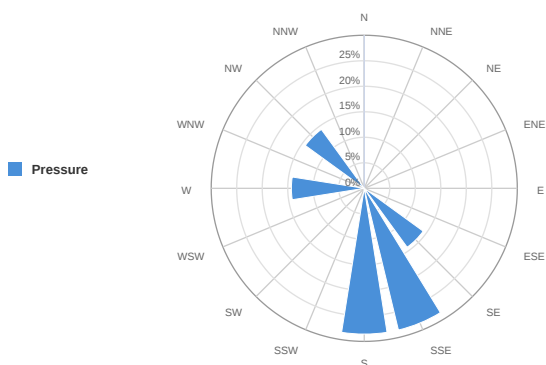
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 16/05/2026, 23:59 **Consistent Low Air Quality Index Readings:** The CAQI consistently falls within the 'Low' zone (35-40) throughout the week. It indicates a relatively stable, but not ideal, air quality condition.
- 16/05/2026, 23:59 **Nitrogen Dioxide Levels Fluctuate in Medium Zone:** NO₂ levels varied but remained primarily in the 'Medium' zone, peaking at 62.76 μg/m³. This variation could be influenced by wind speed and direction.
- 16/05/2026, 23:59 **Ozone Concentration Consistently in High Range:** O₃ concentrations stayed within the 'High' range, peaking at 94.8 μg/m³. This could indicate photochemical smog formation.
- 16/05/2026, 23:59 **Fine Particulate Matter (PM_{2.5}) Remains Low:** PM_{2.5} levels consistently remained in the 'Very Low' zone throughout the observed period. The highest recorded concentration was 10.02 μg/m³.
- 16/05/2026, 23:59 **PM₁₀ Levels Indicate Low to Medium Pollution:** PM₁₀ levels ranged from 'Low' to 'Medium', with a peak of 35.14 μg/m³. This suggests potential dust or construction activity influence.
- 16/05/2026, 23:59 **Wind Speed Impact on Particulate Matter?:** Higher wind speeds on May 13 (5.32 m/s) correlate with slightly elevated PM₁₀ (30.02 μg/m³). The lower speed on May 16 (2.77 m/s) shows reduced PM₁₀ levels (21.44 μg/m³).
- 16/05/2026, 23:59 **Temperature's Inverse Relationship with Pressure:** There appears to be an inverse relationship between temperature and pressure. The lowest temperature (13.93°C) corresponds with relatively higher pressure (998.16 hPa).
- 16/05/2026, 23:59 **Humidity Remains Relatively Consistent:** Relative humidity stayed relatively consistent, ranging from 53.25% to 69.86%. This suggests stable moisture conditions.
- 16/05/2026, 23:59 **Carbon Monoxide Levels Stable:** CO levels remained stable, fluctuating between 320.9 ppb and 334.09 ppb. These levels are indicative of consistent emission sources.
- 16/05/2026, 23:59 **Sulfur Dioxide Concentration Minimal:** SO₂ concentrations remained very low (around 2.5 ppb), suggesting minimal sulfur-related pollution.

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 |
|-------------------|-------------|---------------------------------------|--|--------------------------------------|-------------------------------------|
| 10/05/2026, 23:59 | 28 | 26.72 | 10.02 | 23.76 | 48.29 |
| 11/05/2026, 23:59 | 29 | 28.41 | 7.6 | 27.88 | 47.46 |
| 12/05/2026, 23:59 | 22 | 22.02 | 5.3 | 32.01 | 43.88 |
| 13/05/2026, 23:59 | 31 | 30.02 | 6.56 | 33.35 | 44.65 |
| 14/05/2026, 23:59 | 36 | 35.14 | 8.31 | 30.72 | 45.28 |
| 15/05/2026, 23:59 | 24 | 23.74 | 5.09 | 33.09 | 46.43 |
| 16/05/2026, 23:59 | 21 | 21.44 | 4.79 | 31.18 | 42.22 |

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 |
|-------------------|-----------|-------------------|-------------------|--------------------------|--------------|------------------------|------------------|--------------------------------------|--|-----------------|
| 10/05/2026, 23:59 | 332.86 | 21.43 | 1.67 | 137.27 | 100 | 2.47 | 58.41 | 8.4 | 44.01 | 1003.3 |
| 11/05/2026, 23:59 | 332.67 | 21.19 | 3.91 | 178.41 | 100 | 2.49 | 59.85 | 5.47 | 50.21 | 996.81 |
| 12/05/2026, 23:59 | 328.65 | 18.01 | 3.27 | 264.32 | 100 | 2.5 | 68.98 | 3.56 | 42.75 | 993.12 |
| 13/05/2026, 23:59 | 334.09 | 13.93 | 5.32 | 304.61 | 100 | 2.5 | 59.16 | 4.77 | 60.05 | 998.16 |
| 14/05/2026, 23:59 | 325.93 | 15.79 | 1.8 | 149.28 | 100 | 2.5 | 53.25 | 6.52 | 67.91 | 995.1 |
| 15/05/2026, 23:59 | 330.05 | 18.8 | 3.95 | 169.99 | 100 | 2.53 | 56.04 | 3.56 | 49.38 | 992.37 |
| 16/05/2026, 23:59 | 320.9 | 17.64 | 2.77 | 157.29 | 100 | 2.5 | 69.86 | 3.22 | 43.31 | 990.11 |

Oizom will not be responsible for Environmental Data accuracy once Validated