

# Primaria Deta

## WEEKLY AIR-QUALITY REPORT

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

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

Parametrii: **CAQI , PM<sub>10</sub> , PM<sub>2.5</sub> , NO<sub>2</sub> , O<sub>3</sub> , CO , Temperature , Wind Speed , Wind Direction , SO<sub>2</sub> , R. Humidity , PM<sub>1</sub> , PM<sub>100</sub> , Pressure**

Primaria Deta  
Strada Aurel Vlaicu 2, Deta, Romania



Media indicelui de calitate al aerului (ICA): **24**

Prezentare generală zilnică: Parametrii indicelui de calitate al aerului (ICA)

|         | CAQI<br>AQI | PM <sub>10</sub><br>μg/m <sup>3</sup> | PM <sub>2.5</sub><br>μg/m <sup>3</sup> | NO <sub>2</sub><br>μg/m <sup>3</sup> | O <sub>3</sub><br>μg/m <sup>3</sup> |
|---------|-------------|---------------------------------------|----------------------------------------|--------------------------------------|-------------------------------------|
| Average | 24          | 23.53                                 | 7.51                                   | 17.83                                | 41.19                               |
|         |             |                                       |                                        |                                      |                                     |
| Maximum | 33          | 32.04                                 | 12.55                                  | 22.91                                | 45.15                               |
| Date    | 26/05/2026  | 26/05/2026                            | 26/05/2026                             | 26/05/2026                           | 28/05/2026                          |
|         |             |                                       |                                        |                                      |                                     |
| Minimum | 17          | 15.23                                 | 3.34                                   | 14.57                                | 37.75                               |
| Date    | 29/05/2026  | 29/05/2026                            | 29/05/2026                             | 29/05/2026                           | 26/05/2026                          |

The data shown above is based on Media zilnică .

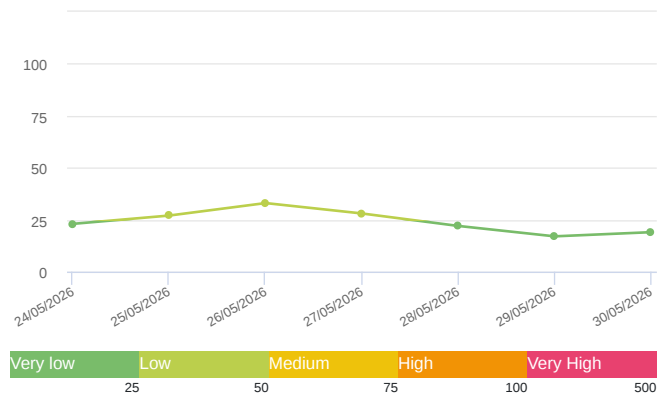
Prezentare generală zilnică: Alți parametri

|                | CO<br>ppb  | Temperature<br>°C | Wind Speed<br>m/s | Wind Direction<br>degree | Battery<br>% | SO <sub>2</sub><br>ppb | R. Humidity<br>% | PM <sub>1</sub><br>μg/m <sup>3</sup> | PM <sub>100</sub><br>μg/m <sup>3</sup> | Pressure<br>HPa |
|----------------|------------|-------------------|-------------------|--------------------------|--------------|------------------------|------------------|--------------------------------------|----------------------------------------|-----------------|
| <b>Average</b> | 277.98     | 23.01             | 2.98              | 346.49                   | 100          | 29.49                  | 53.44            | 5.39                                 | 32.39                                  | 1011.35         |
|                |            |                   |                   |                          |              |                        |                  |                                      |                                        |                 |
| <b>Maximum</b> | 301.19     | 26.74             | 4.45              | 358.91                   | 100          | 51.49                  | 59.05            | 10.26                                | 40.43                                  | 1015.85         |
| <b>Date</b>    | 27/05/2026 | 27/05/2026        | 28/05/2026        | 28/05/2026               | 24/05/2026   | 27/05/2026             | 24/05/2026       | 26/05/2026                           | 26/05/2026                             | 25/05/2026      |
|                |            |                   |                   |                          |              |                        |                  |                                      |                                        |                 |
| <b>Minimum</b> | 249.79     | 19.77             | 2.51              | 277.73                   | 100          | 14.82                  | 45.14            | 1.79                                 | 24.08                                  | 1007.12         |
| <b>Date</b>    | 29/05/2026 | 29/05/2026        | 27/05/2026        | 27/05/2026               | 24/05/2026   | 29/05/2026             | 29/05/2026       | 29/05/2026                           | 29/05/2026                             | 28/05/2026      |

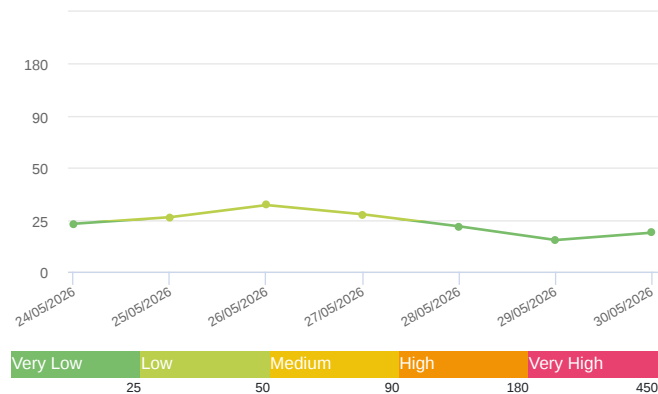
The data shown above is based on Media zilnică .

## Media zilnică

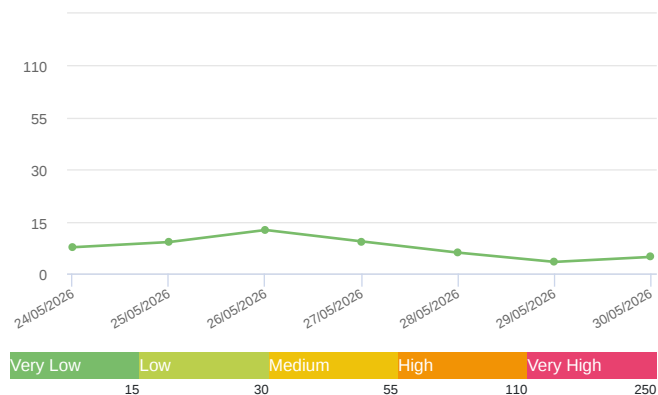
CAQI (AQI)



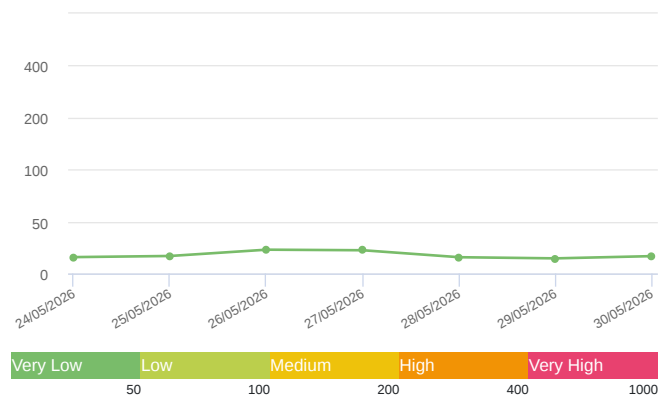
PM<sub>10</sub> (μg/m<sup>3</sup>)



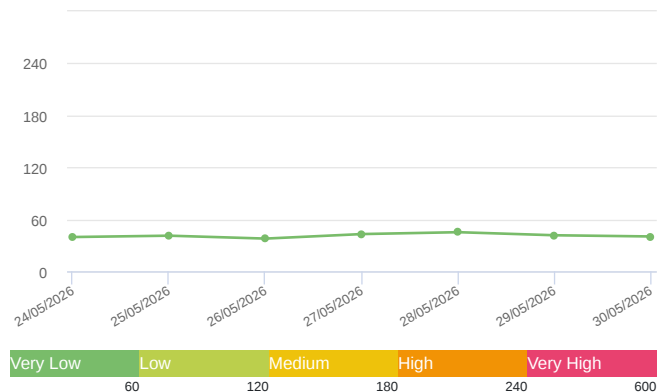
PM<sub>2.5</sub> (μg/m<sup>3</sup>)



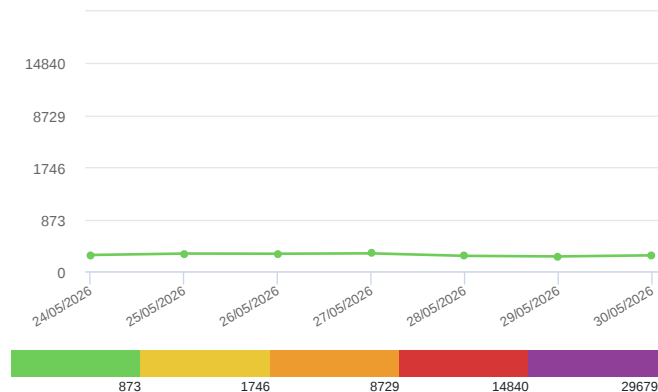
NO<sub>2</sub> (μg/m<sup>3</sup>)



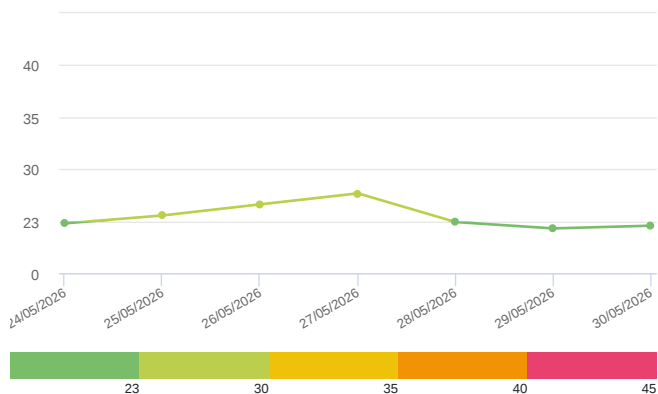
O<sub>3</sub> (μg/m<sup>3</sup>)



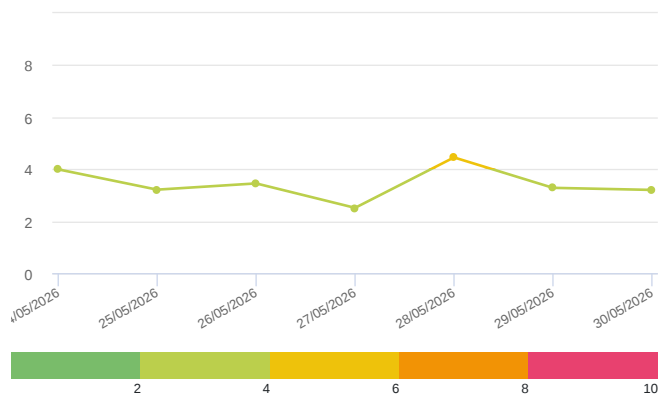
CO (ppb)



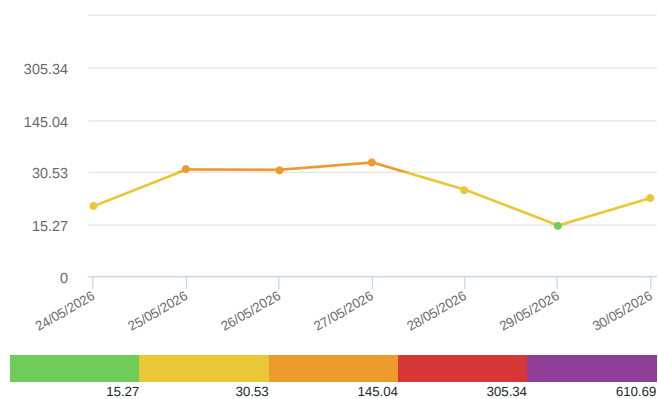
Temperature (°C)



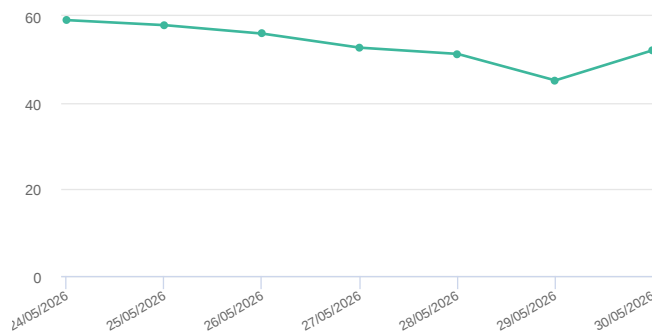
Wind Speed (m/s)



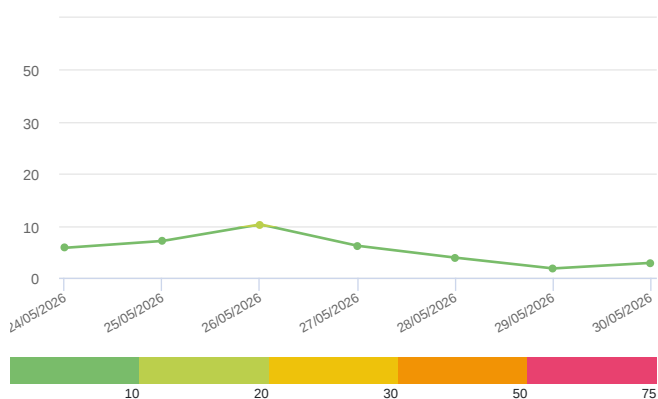
SO<sub>2</sub> (ppb)



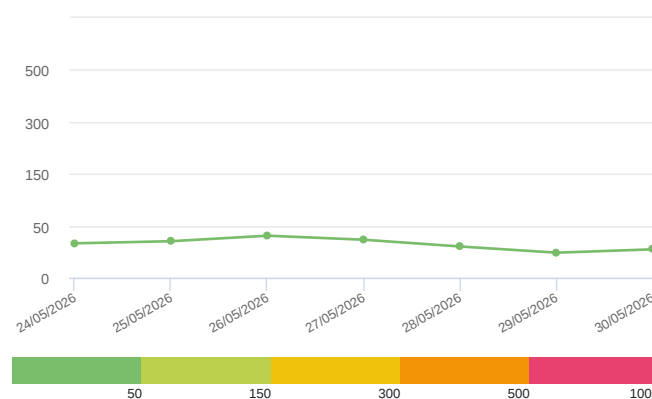
R. Humidity (%)



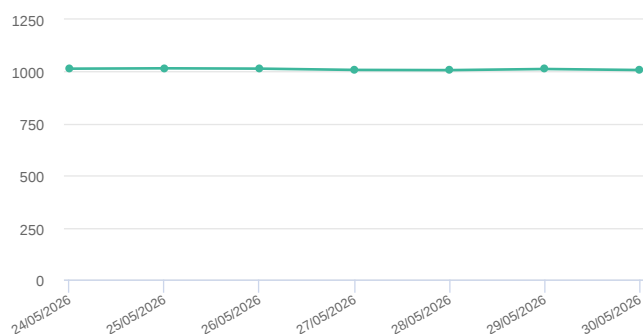
PM<sub>1</sub> (μg/m<sup>3</sup>)



PM<sub>100</sub> (μg/m<sup>3</sup>)

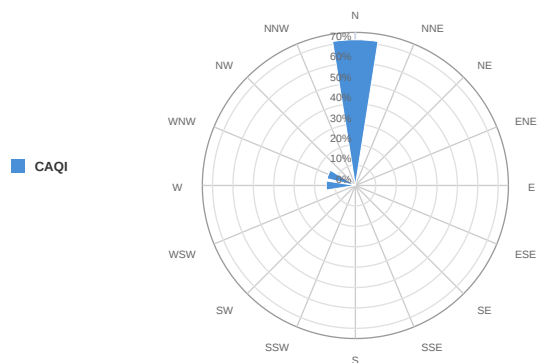


Pressure (hPa)

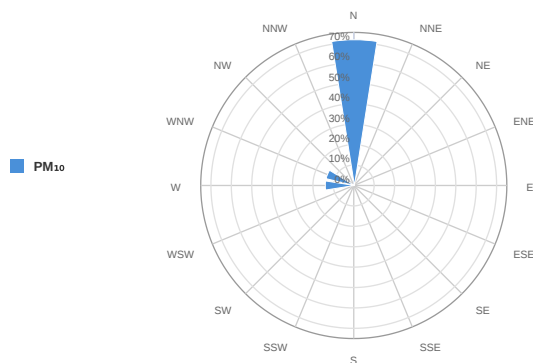


## Media zilnică

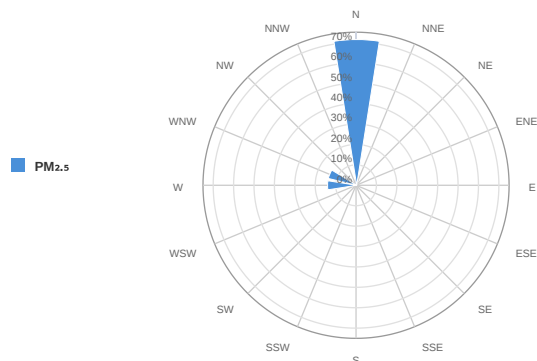
CAQI (AQI)



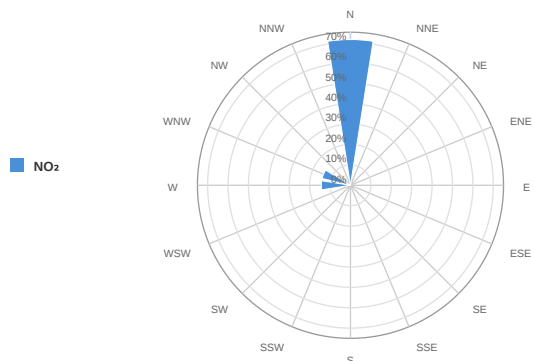
PM<sub>10</sub> (μg/m³)



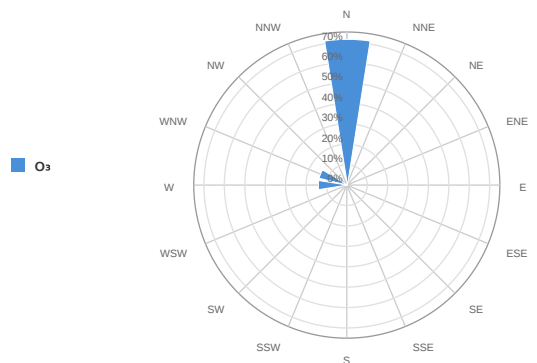
PM<sub>2.5</sub> (μg/m³)



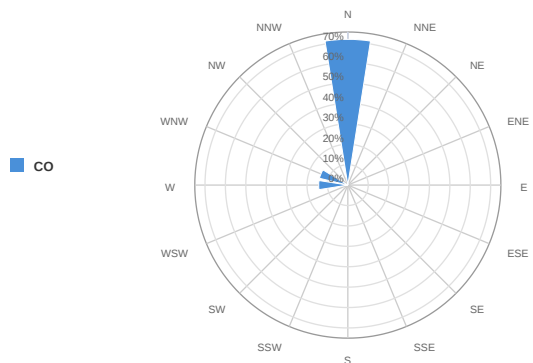
NO<sub>2</sub> (μg/m³)



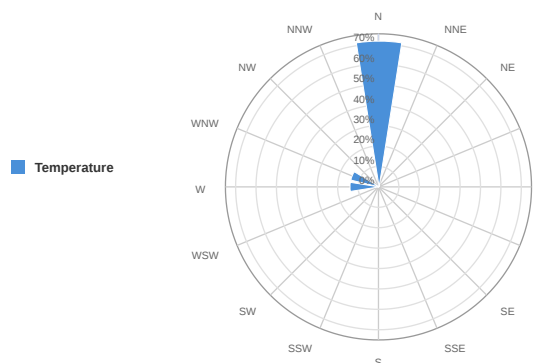
O<sub>3</sub> (μg/m³)



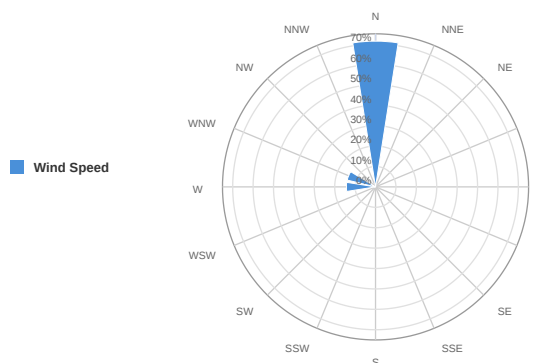
CO (ppb)



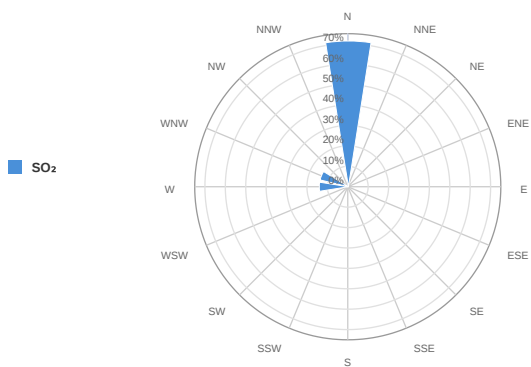
Temperature (°C)



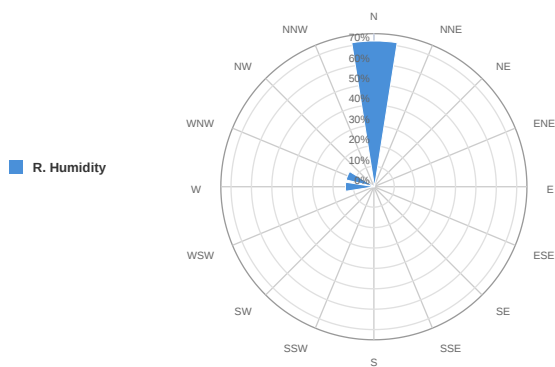
Wind Speed (m/s)



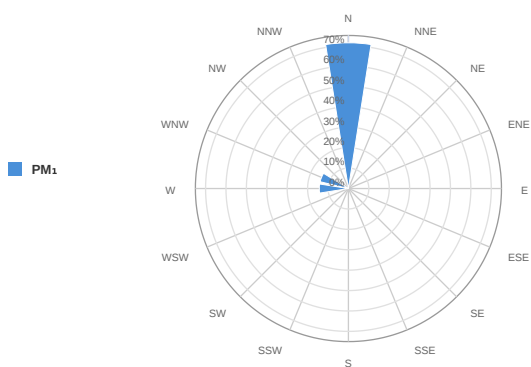
SO<sub>2</sub> (ppb)



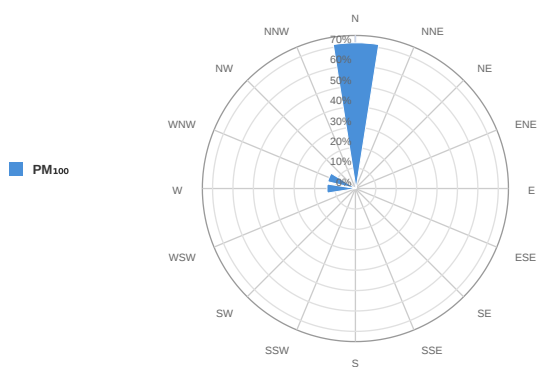
R. Humidity (%)



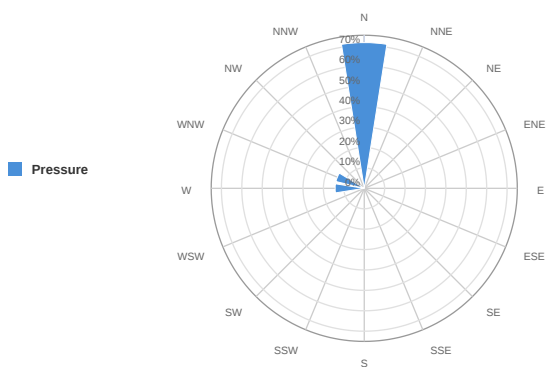
PM<sub>1</sub> (μg/m<sup>3</sup>)



PM<sub>100</sub> (μg/m<sup>3</sup>)



Pressure (HPa)



## Alerte

No alerts for the selected date and time range

## Insights

- 30/05/2026, 23:59 **Air Quality Consistently in Low CAQI Zone:** The CAQI values remained consistently within the 'Low' zone across all reported days, ranging from 33 to 37, indicating generally acceptable air quality during this period.
- 30/05/2026, 23:59 **PM<sub>2.5</sub> Concentrations Mostly in Very Low Zone:** PM<sub>2.5</sub> concentrations were primarily in the 'Very Low' zone, peaking at 12.55 µg/m³ on May 26. This suggests a relatively low level of fine particulate matter pollution.
- 30/05/2026, 23:59 **PM<sub>10</sub> Levels Predominantly in Low Zone:** PM<sub>10</sub> concentrations were mostly within the 'Low' zone, with the highest concentration of 32.04 µg/m³ observed on May 26. This indicates moderate levels of inhalable coarse particles.
- 30/05/2026, 23:59 **Ozone Levels Consistently in Medium Zone:** O<sub>3</sub> concentrations remained consistently in the 'Medium' zone, fluctuating between 74.11 and 88.64 µg/m³, indicating a stable ozone presence in the air.
- 30/05/2026, 23:59 **NO<sub>2</sub> Concentrations Mainly in Low Zone:** NO<sub>2</sub> levels were mainly within the 'Low' zone, peaking at 43.11 µg/m³ on May 26. This suggests a moderate level of nitrogen dioxide pollution.
- 30/05/2026, 23:59 **Wind Speed Fluctuation Impact on Pollutant Levels:** Wind speeds varied between 2.51 m/s and 4.45 m/s. It's plausible wind speed influences pollutant dispersion, although further data is needed for correlation.
- 30/05/2026, 23:59 **Temperature Trend and Air Quality:** Temperatures showed a general increase from 22.02°C to 26.74°C then decreased to 20.97°C. More data is necessary to establish any correlation to the air quality parameters.
- 30/05/2026, 23:59 **Humidity Fluctuations Present with Varying Air Quality:** Relative humidity fluctuated between 45.14% and 59.05%. More data is needed to ascertain how humidity correlates with observed air quality parameters.
- 30/05/2026, 23:59 **Pressure Relatively Stable Throughout Period:** Atmospheric pressure remained relatively stable, varying between 1007.12 hPa and 1015.85 hPa, indicating steady weather conditions during the recorded period.
- 30/05/2026, 23:59 **CO (ppb) Levels Show Moderate Variation:** CO (ppb) levels showed a range between 249.79 and 301.19, suggesting a moderate variability in carbon monoxide concentration, but further assessment against defined thresholds would be required.

## Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

| To Date           | CAQI<br>AQI | PM <sub>10</sub><br>μg/m <sup>3</sup> | PM <sub>2.5</sub><br>μg/m <sup>3</sup> | NO <sub>2</sub><br>μg/m <sup>3</sup> | O <sub>3</sub><br>μg/m <sup>3</sup> |
|-------------------|-------------|---------------------------------------|----------------------------------------|--------------------------------------|-------------------------------------|
| 24/05/2026, 23:59 | 23          | 23.04                                 | 7.57                                   | 15.77                                | 39.55                               |
| 25/05/2026, 23:59 | 27          | 26.23                                 | 9.08                                   | 16.83                                | 41.11                               |
| 26/05/2026, 23:59 | 33          | 32.04                                 | 12.55                                  | 22.91                                | 37.75                               |
| 27/05/2026, 23:59 | 28          | 27.59                                 | 9.25                                   | 22.37                                | 42.98                               |
| 28/05/2026, 23:59 | 22          | 21.79                                 | 6.02                                   | 15.67                                | 45.15                               |
| 29/05/2026, 23:59 | 17          | 15.23                                 | 3.34                                   | 14.57                                | 41.59                               |
| 30/05/2026, 23:59 | 19          | 18.78                                 | 4.79                                   | 16.69                                | 40.22                               |



## Alți parametri

Media zilnică

| To Date           | CO<br>ppb | Temperature<br>°C | Wind Speed<br>m/s | Wind Direction<br>degree | Battery<br>% | SO <sub>2</sub><br>ppb | R. Humidity<br>% | PM <sub>1</sub><br>μg/m <sup>3</sup> | PM <sub>100</sub><br>μg/m <sup>3</sup> | Pressure<br>HPa |
|-------------------|-----------|-------------------|-------------------|--------------------------|--------------|------------------------|------------------|--------------------------------------|----------------------------------------|-----------------|
| 24/05/2026, 23:59 | 274.23    | 22.02             | 3.99              | 357.07                   | 100          | 20.5                   | 59.05            | 5.76                                 | 33.08                                  | 1014.07         |
| 25/05/2026, 23:59 | 297.98    | 23.76             | 3.21              | 6.34                     | 100          | 36.06                  | 57.89            | 7.08                                 | 35.16                                  | 1015.85         |
| 26/05/2026, 23:59 | 294.76    | 25.26             | 3.45              | 0.01                     | 100          | 35.36                  | 55.94            | 10.26                                | 40.43                                  | 1014.24         |
| 27/05/2026, 23:59 | 301.19    | 26.74             | 2.51              | 277.73                   | 100          | 51.49                  | 52.69            | 6.14                                 | 36.55                                  | 1008.12         |
| 28/05/2026, 23:59 | 259.5     | 22.59             | 4.45              | 358.91                   | 100          | 25.29                  | 51.25            | 3.86                                 | 30.06                                  | 1007.12         |
| 29/05/2026, 23:59 | 249.79    | 19.77             | 3.28              | 5.07                     | 100          | 14.82                  | 45.14            | 1.79                                 | 24.08                                  | 1012.49         |
| 30/05/2026, 23:59 | 268.43    | 20.97             | 3.2               | 300.77                   | 100          | 22.95                  | 52.11            | 2.86                                 | 27.37                                  | 1007.57         |

Oizom will not be responsible for Environmental Data accuracy once Validated