

# Primaria Ortisoara

## WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Ortisoara**  
Locația dispozitivului: **DN69 258/A, Orțișoara 307305, 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 Ortisoara  
DN69 258/A, Orțișoara 307305,  
Romania



Media indicelui de calitate al aerului (ICA): **27**

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 | 27          | 25.9                                  | 6.85                                   | 31.15                                | 54.43                               |
|         |             |                                       |                                        |                                      |                                     |
| Maximum | 37          | 36.22                                 | 10.79                                  | 36.07                                | 60.93                               |
| Date    | 27/05/2026  | 27/05/2026                            | 27/05/2026                             | 30/05/2026                           | 26/05/2026                          |
|         |             |                                       |                                        |                                      |                                     |
| Minimum | 21          | 16.17                                 | 4.01                                   | 28.16                                | 48.96                               |
| Date    | 29/05/2026  | 24/05/2026                            | 29/05/2026                             | 24/05/2026                           | 30/05/2026                          |

The data shown above is based on Media zilnică .

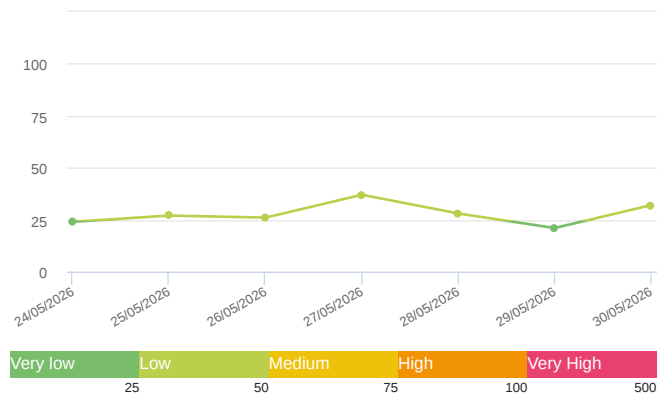
Prezentare generală zilnică: Alți parametri

|                | 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> | 301.5      | 24.03             | 2.99              | 355.47                   | 100          | 0.25                   | 45.79            | 4.51                                 | 41.51                                  | 1007.29         |
|                |            |                   |                   |                          |              |                        |                  |                                      |                                        |                 |
| <b>Maximum</b> | 334.03     | 27.14             | 4.78              | 13.48                    | 100          | 1.09                   | 49.26            | 7.26                                 | 52.33                                  | 1011.76         |
| <b>Date</b>    | 25/05/2026 | 27/05/2026        | 28/05/2026        | 28/05/2026               | 24/05/2026   | 29/05/2026             | 25/05/2026       | 27/05/2026                           | 27/05/2026                             | 25/05/2026      |
|                |            |                   |                   |                          |              |                        |                  |                                      |                                        |                 |
| <b>Minimum</b> | 277.33     | 20.73             | 2                 | 286.99                   | 100          | 0                      | 39.5             | 2.25                                 | 28.39                                  | 1003.1          |
| <b>Date</b>    | 28/05/2026 | 29/05/2026        | 27/05/2026        | 27/05/2026               | 24/05/2026   | 24/05/2026             | 29/05/2026       | 29/05/2026                           | 24/05/2026                             | 30/05/2026      |

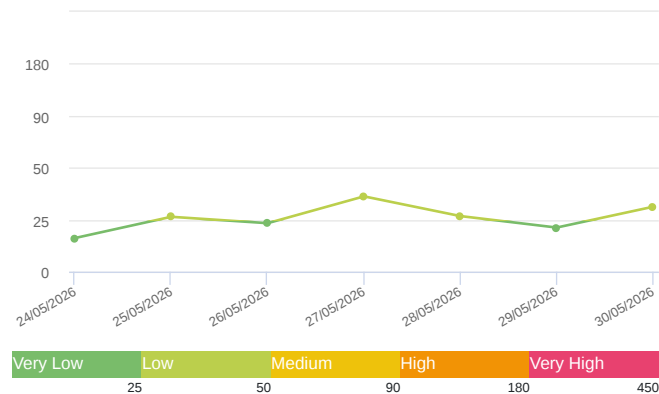
The data shown above is based on Media zilnică .

## Media zilnică

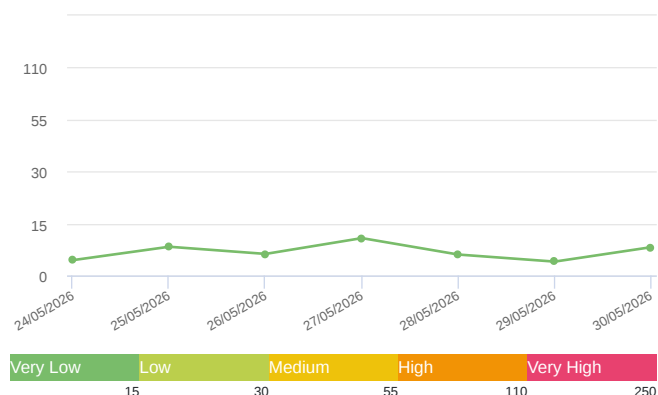
CAQI (AQI)



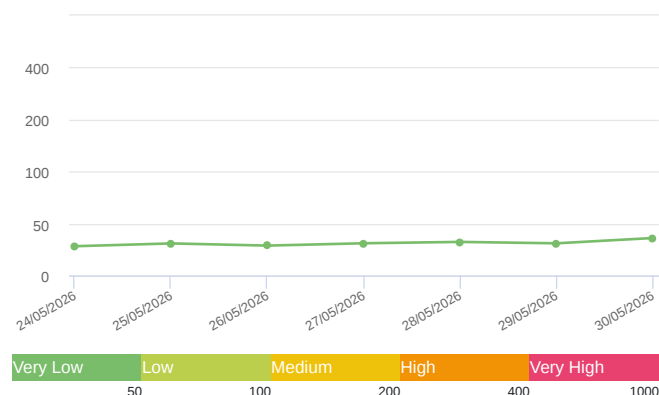
PM<sub>10</sub> (μg/m<sup>3</sup>)



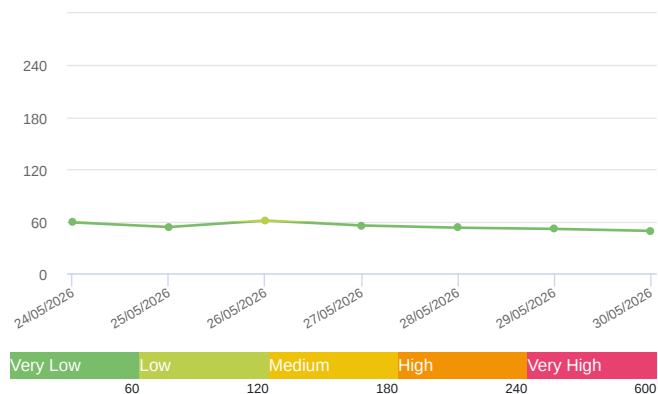
PM<sub>2.5</sub> (μg/m<sup>3</sup>)



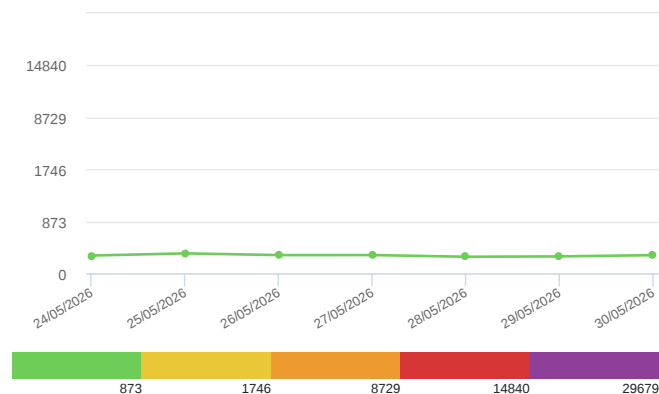
NO<sub>2</sub> (μg/m<sup>3</sup>)



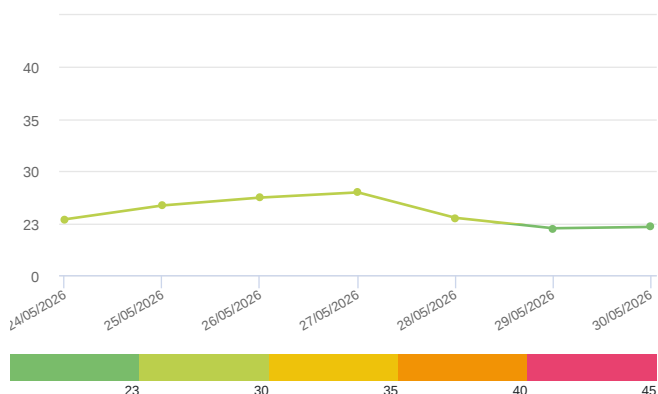
O<sub>3</sub> (μg/m<sup>3</sup>)



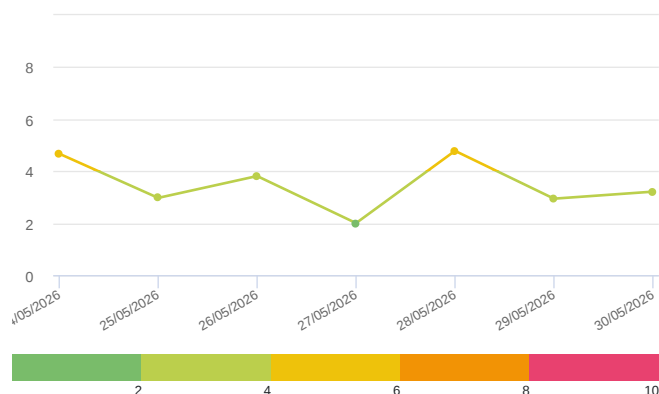
CO (ppb)



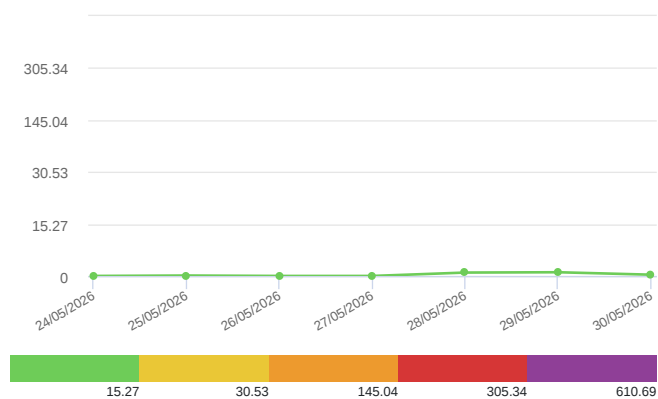
Temperature (°C)



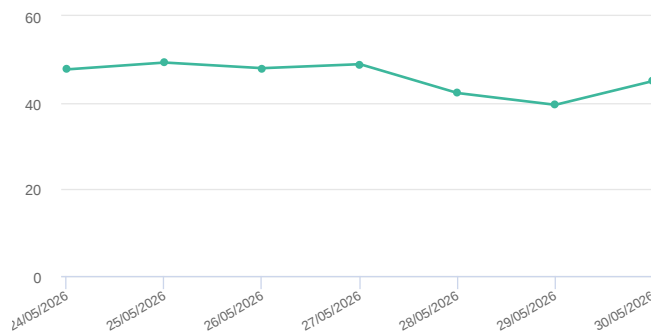
Wind Speed (m/s)



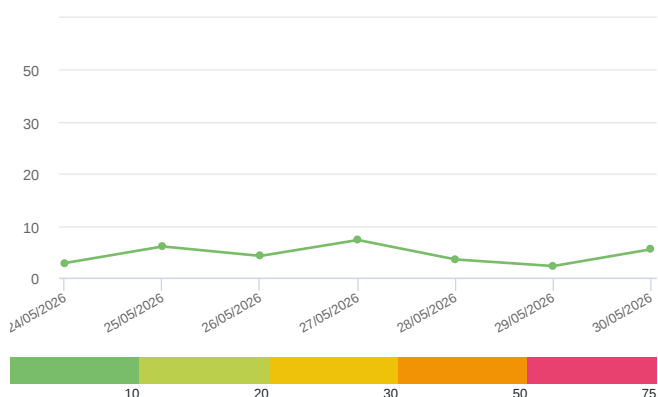
SO<sub>2</sub> (ppb)



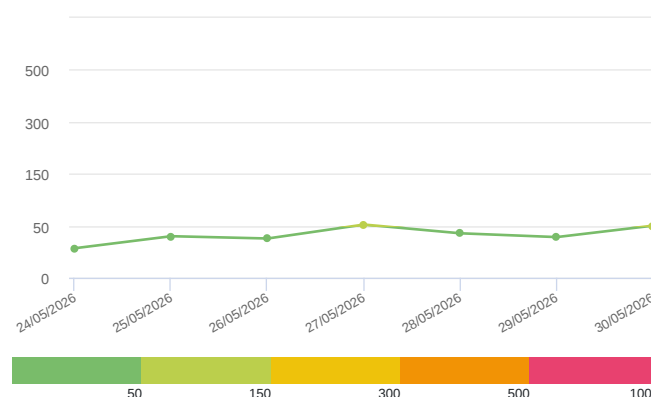
R. Humidity (%)



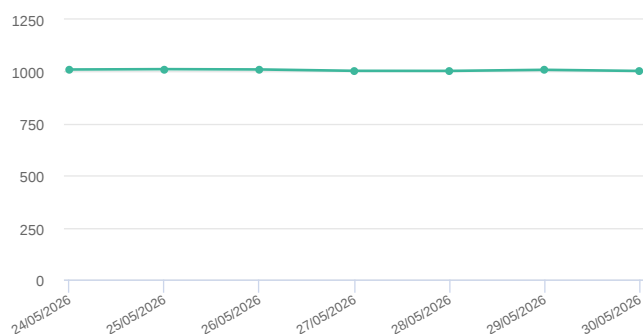
PM<sub>1</sub> (μg/m<sup>3</sup>)



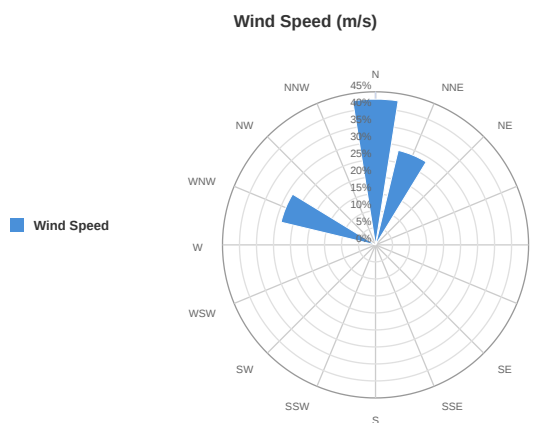
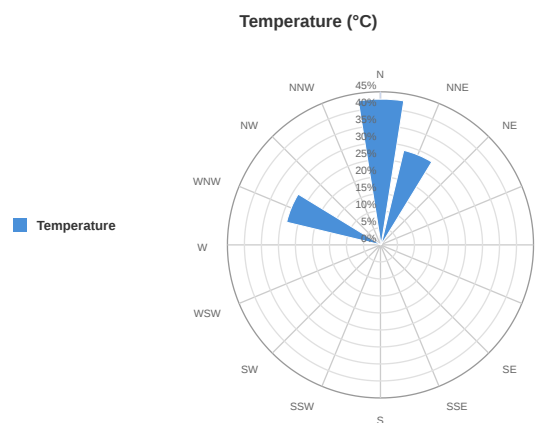
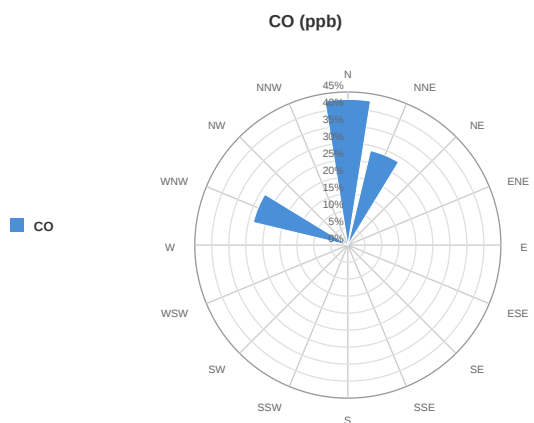
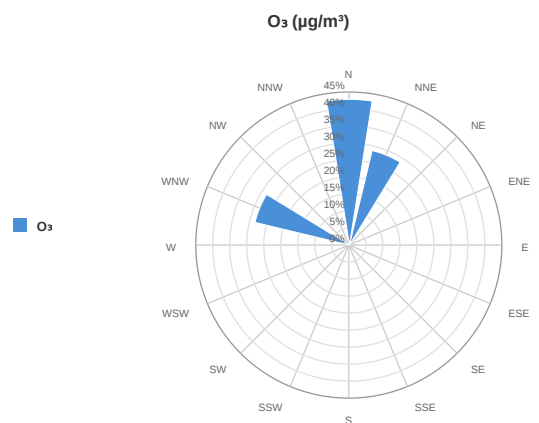
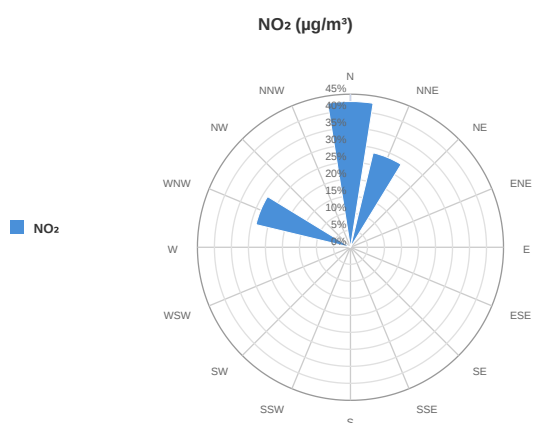
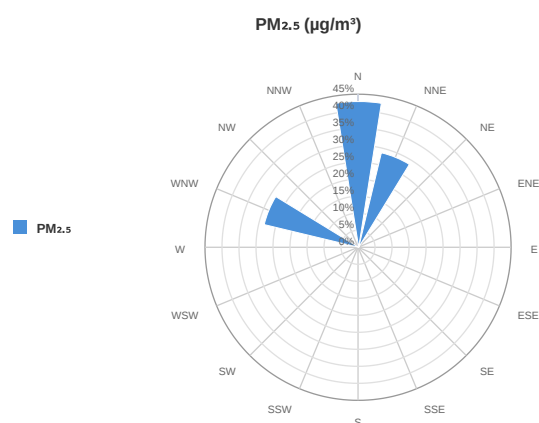
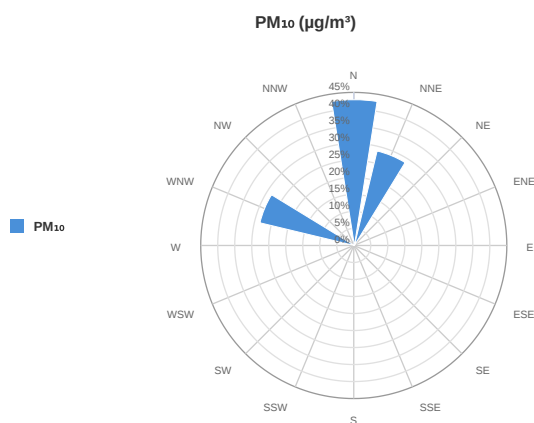
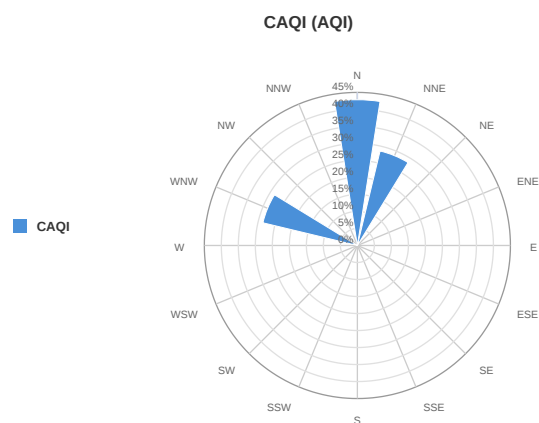
PM<sub>100</sub> (μg/m<sup>3</sup>)



Pressure (hPa)

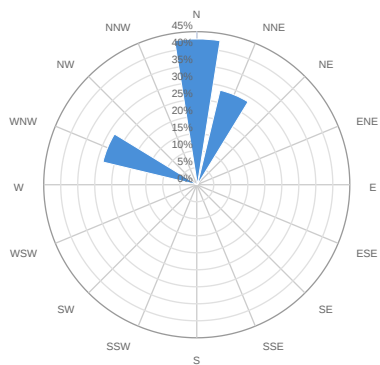


Media zilnică



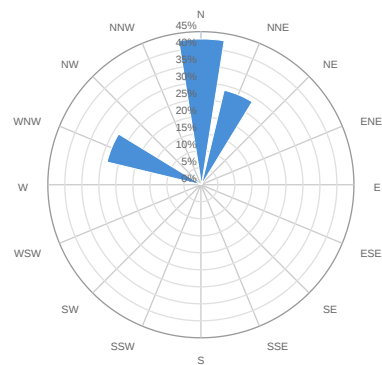
SO<sub>2</sub> (ppb)

■ SO<sub>2</sub>



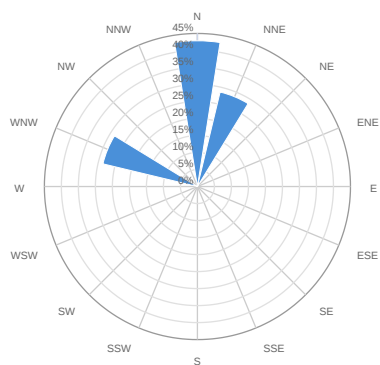
R. Humidity (%)

■ R. Humidity



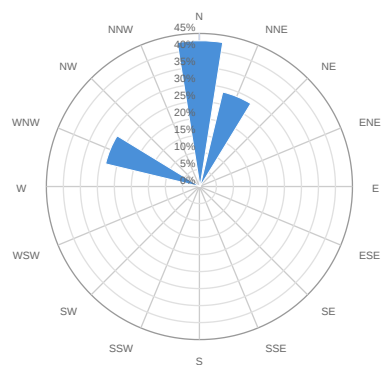
PM<sub>1</sub> (μg/m<sup>3</sup>)

■ PM<sub>1</sub>



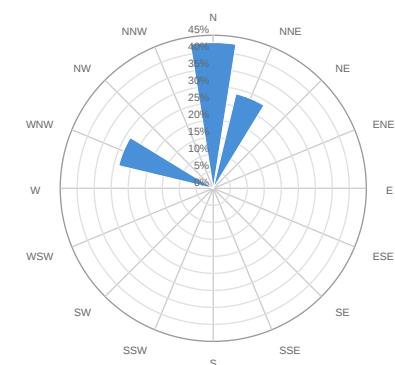
PM<sub>100</sub> (μg/m<sup>3</sup>)

■ PM<sub>100</sub>



Pressure (HPa)

■ Pressure



## Alerte

No alerts for the selected date and time range

## Insights

- 30/05/2026, 23:59 **Consistent Low Air Quality Index Readings:** The CAQI consistently falls within the 'Low' zone (40-50) across all recorded days, indicating generally acceptable air quality conditions during the observed timeframe.
- 30/05/2026, 23:59 **NO<sub>2</sub> Levels Predominantly in the Medium Zone:** NO<sub>2</sub> concentrations are predominantly in the 'Medium' range (52.99 to 67.88 µg/m<sup>3</sup>), suggesting a consistent level of nitrogen dioxide pollution in the monitored area.
- 30/05/2026, 23:59 **O<sub>3</sub> Concentrations Indicate High Ozone Levels:** Ozone (O<sub>3</sub>) concentrations are consistently 'High,' ranging from 96.12 to 119.62 µg/m<sup>3</sup>, potentially posing a risk to respiratory health.
- 30/05/2026, 23:59 **PM<sub>2.5</sub> Levels Consistently in Very Low to Low Range:** Particulate matter (PM<sub>2.5</sub>) is generally 'Very Low' to 'Low,' ranging from 4.01 to 10.79 µg/m<sup>3</sup>, indicating relatively clean air regarding fine particulate pollution.
- 30/05/2026, 23:59 **PM<sub>10</sub> Concentrations Mostly in the Low Range:** PM<sub>10</sub> concentrations are mostly in the 'Low' range (16.17 to 36.22 µg/m<sup>3</sup>), suggesting moderate levels of inhalable coarse particles in the air.
- 30/05/2026, 23:59 **Wind Speed Variation and Air Quality Impact:** Wind speed fluctuates between 2 and 4.78 m/s. These variations might contribute to pollutant dispersion, but the CAQI remains stable. Further data is required for correlation.
- 30/05/2026, 23:59 **Temperature Fluctuation and Potential Air Quality Link:** The temperature ranges from 20.73 to 27.14°C. Elevated temperatures can potentially increase ozone formation, aligning with consistently high O<sub>3</sub> values.
- 30/05/2026, 23:59 **Stable Pressure Readings Observed:** The pressure remains relatively stable, ranging from 1003.1 to 1011.76 hPa, suggesting no significant weather system changes impacting air quality during this period.
- 30/05/2026, 23:59 **Humidity Levels and their Impact on Particulate Matter:** Relative humidity ranges from 39.5 to 49.26%. Higher humidity can influence the behavior and size of particulate matter, impacting overall air quality.
- 30/05/2026, 23:59 **Consistent Battery Readings Indicate Reliable Data:** The battery level consistently reads 100%, suggesting that the monitoring device is powered adequately, ensuring reliable and continuous data collection during the period.

## 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 | 24          | 16.17                                 | 4.43                                   | 28.16                                | 58.71                               |
| 25/05/2026, 23:59 | 27          | 26.39                                 | 8.3                                    | 30.84                                | 53.4                                |
| 26/05/2026, 23:59 | 26          | 23.32                                 | 6.23                                   | 28.76                                | 60.93                               |
| 27/05/2026, 23:59 | 37          | 36.22                                 | 10.79                                  | 31                                   | 55.2                                |
| 28/05/2026, 23:59 | 28          | 26.75                                 | 6.05                                   | 32.31                                | 52.61                               |
| 29/05/2026, 23:59 | 21          | 21.22                                 | 4.01                                   | 30.93                                | 51.23                               |
| 30/05/2026, 23:59 | 32          | 31.22                                 | 8.16                                   | 36.07                                | 48.96                               |

## 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 | 298.69    | 23.51             | 4.67              | 10.6                     | 100          | 0                      | 47.68            | 2.83                                 | 28.39                                  | 1010.12         |
| 25/05/2026, 23:59 | 334.03    | 25.38             | 2.97              | 14.21                    | 100          | 0.12                   | 49.26            | 6.02                                 | 39.96                                  | 1011.76         |
| 26/05/2026, 23:59 | 305.61    | 26.44             | 3.81              | 1.94                     | 100          | 0                      | 47.96            | 4.2                                  | 37.76                                  | 1010.33         |
| 27/05/2026, 23:59 | 306.74    | 27.14             | 2                 | 286.99                   | 100          | 0                      | 48.88            | 7.26                                 | 52.33                                  | 1003.74         |
| 28/05/2026, 23:59 | 277.33    | 23.71             | 4.78              | 13.48                    | 100          | 0.99                   | 42.22            | 3.52                                 | 42.74                                  | 1003.38         |
| 29/05/2026, 23:59 | 283.32    | 20.73             | 2.94              | 5.94                     | 100          | 1.09                   | 39.5             | 2.25                                 | 39.11                                  | 1008.58         |
| 30/05/2026, 23:59 | 304.75    | 21.33             | 3.21              | 296.21                   | 100          | 0.37                   | 44.99            | 5.47                                 | 50.24                                  | 1003.1          |

Oizom will not be responsible for Environmental Data accuracy once Validated