

# Primaria Recas

## WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Recas**  
Locația dispozitivului: **Calea Timișoarei 134 - 135, Recaş 307340, 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 Recas  
Calea Timișoarei 134 - 135, Recaş  
307340, Romania



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

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

	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>
<b>Average</b>	30	29.43	7.49	19.08	17.45
<b>Maximum</b>	44	44.13	9.91	27.2	27.18
<b>Date</b>	14/05/2026	14/05/2026	14/05/2026	14/05/2026	13/05/2026
<b>Minimum</b>	22	22.34	5.6	10.03	8.41
<b>Date</b>	10/05/2026	10/05/2026	16/05/2026	10/05/2026	14/05/2026

The data shown above is based on Media zilnică .

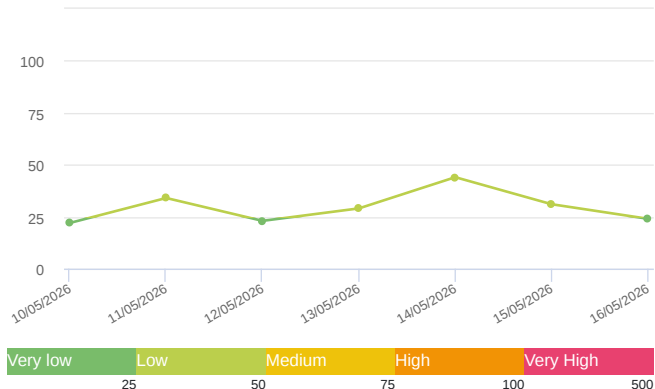
## Prezentare generală zilnică: Alți parametri

	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO <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
<b>Average</b>	319.46	18.23	1.29	188.34	100	0	61.88	5.67	48.27	995.05
<b>Maximum</b>	348.29	21.94	4.71	302.3	100	0	70.13	7.51	68.12	1002.92
<b>Date</b>	14/05/2026	11/05/2026	13/05/2026	13/05/2026	10/05/2026	10/05/2026	12/05/2026	14/05/2026	14/05/2026	10/05/2026
<b>Minimum</b>	291.26	12.54	1.24	132.42	100	0	53.08	4.1	36.03	989.62
<b>Date</b>	13/05/2026	13/05/2026	10/05/2026	10/05/2026	10/05/2026	10/05/2026	15/05/2026	15/05/2026	10/05/2026	16/05/2026

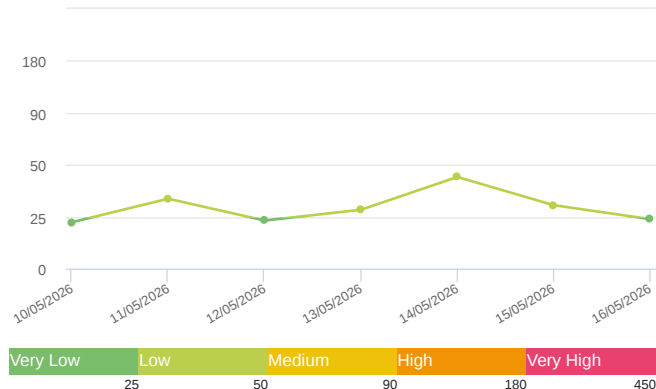
The data shown above is based on Media zilnică .

Media zilnică

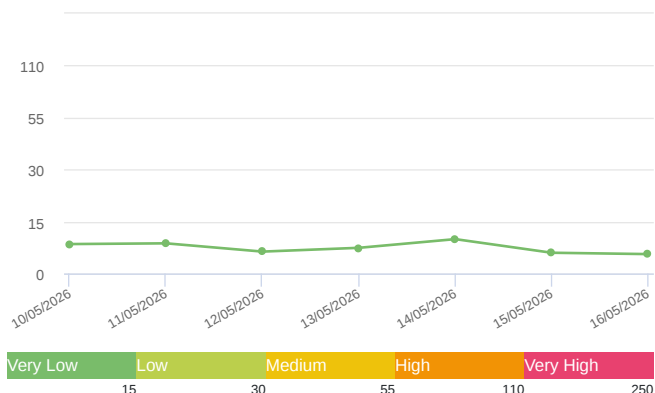
CAQI (AQI)



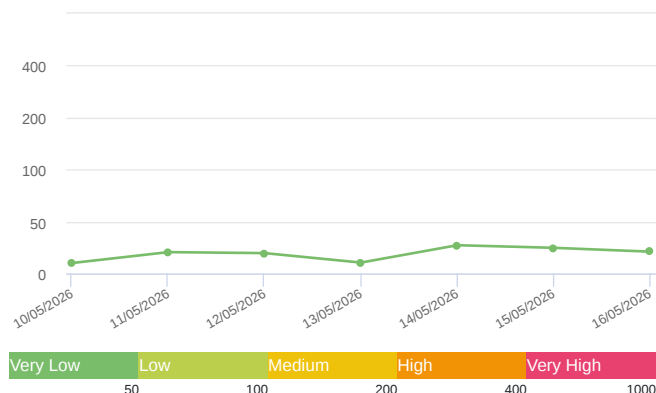
PM<sub>10</sub> (μg/m<sup>3</sup>)



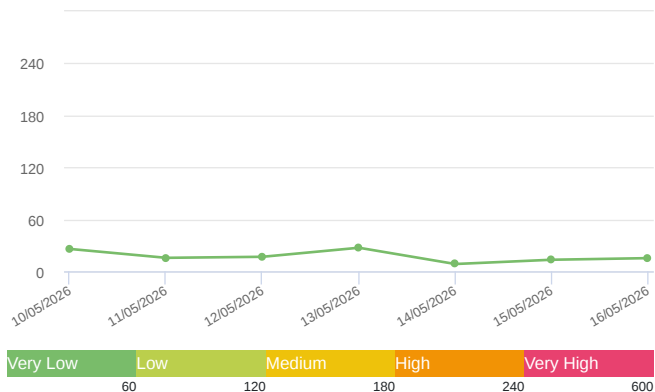
PM<sub>2.5</sub> (μg/m<sup>3</sup>)



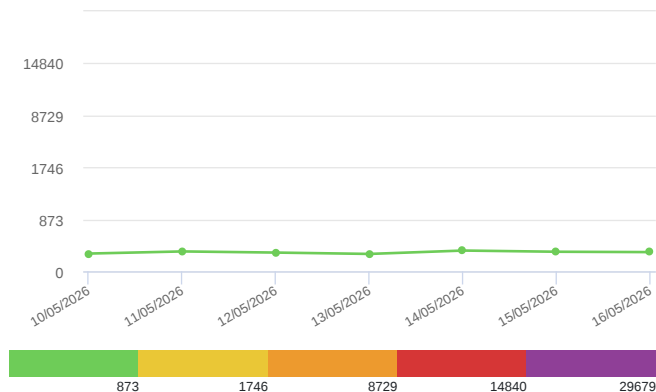
NO<sub>2</sub> (μg/m<sup>3</sup>)



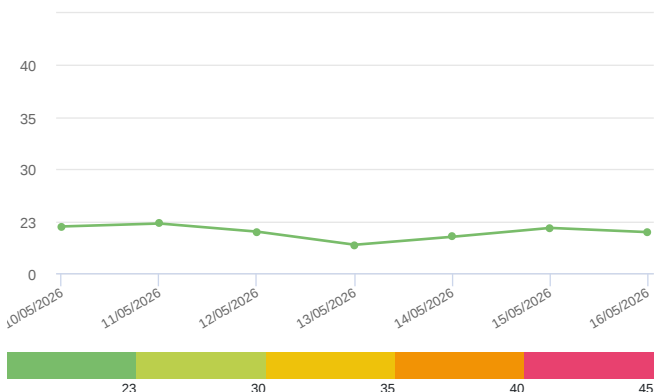
O<sub>3</sub> (μg/m<sup>3</sup>)



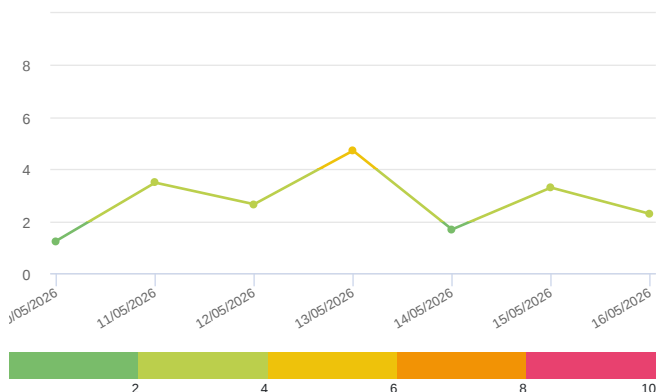
CO (ppb)



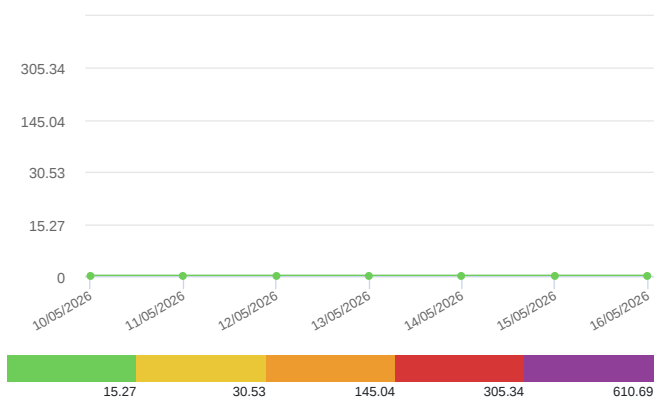
Temperature (°C)



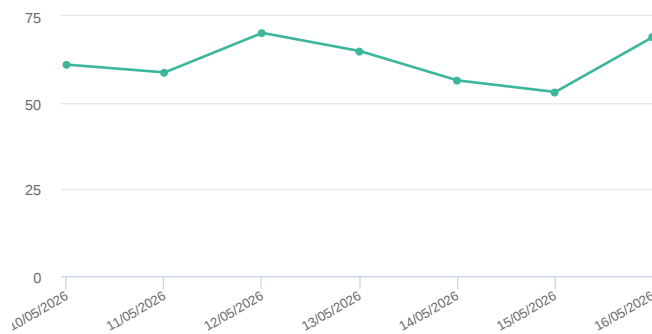
Wind Speed (m/s)



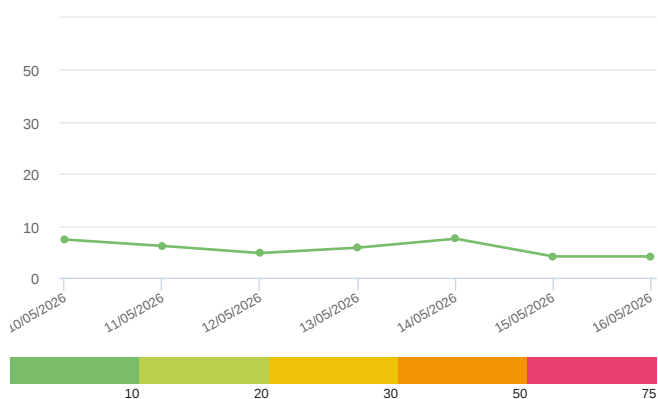
SO<sub>2</sub> (ppb)



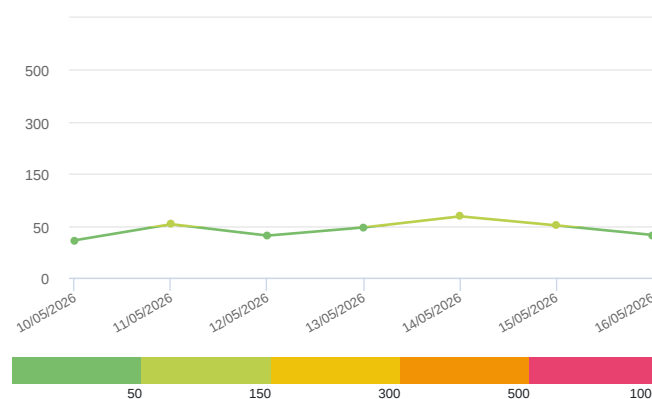
R. Humidity (%)



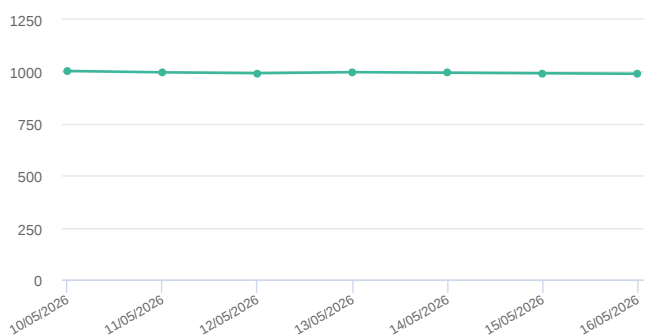
PM<sub>1</sub> (μg/m<sup>3</sup>)



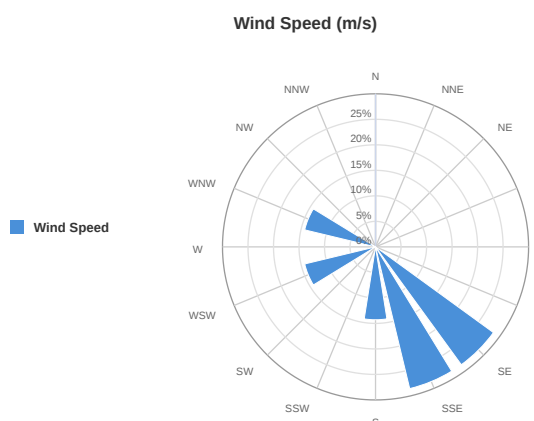
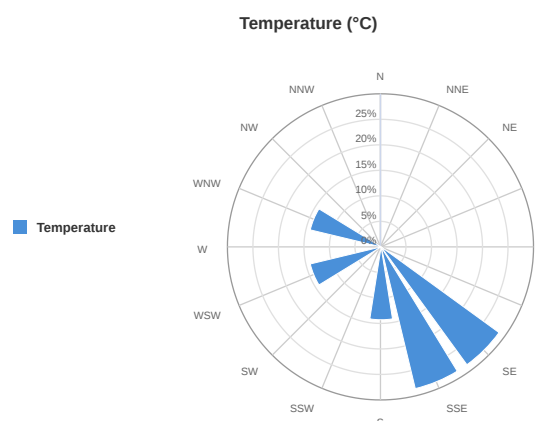
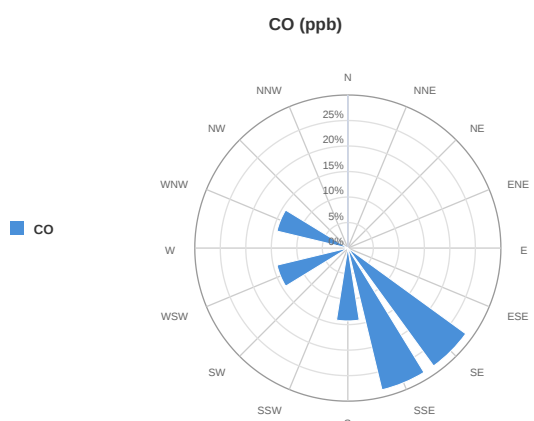
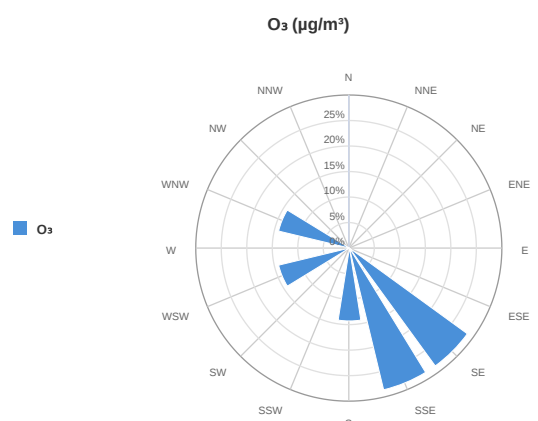
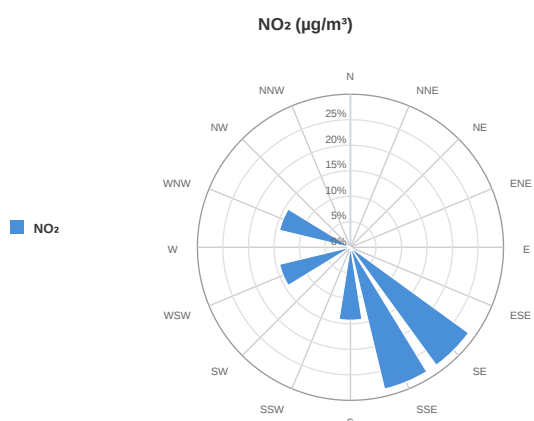
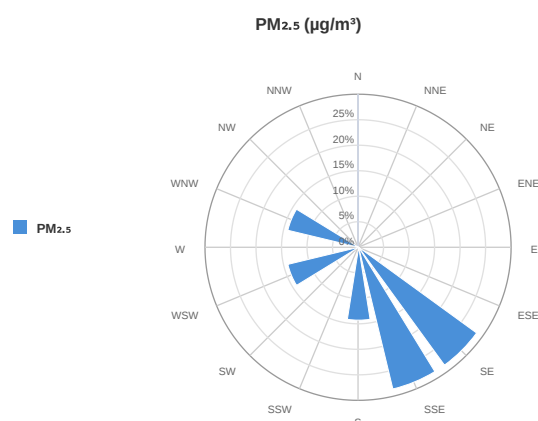
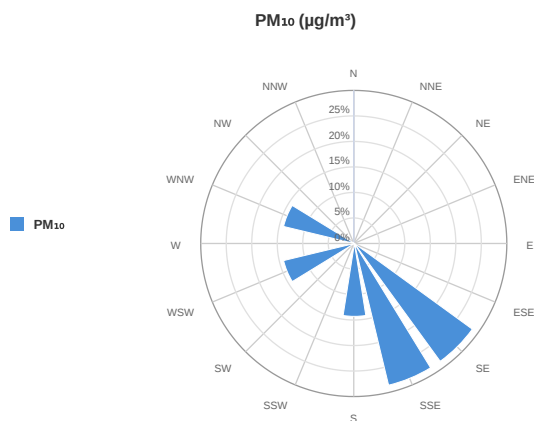
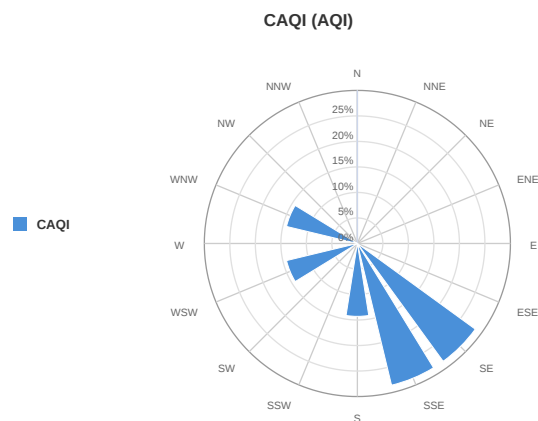
PM<sub>100</sub> (μg/m<sup>3</sup>)



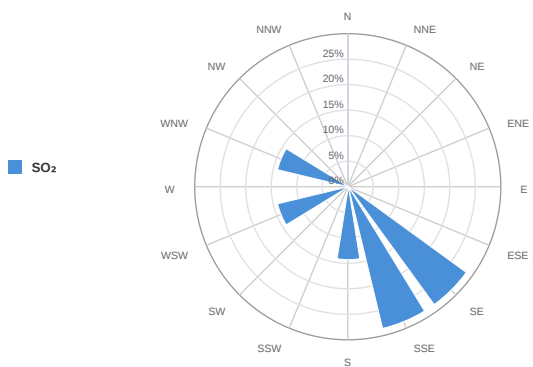
Pressure (hPa)



Media zilnică

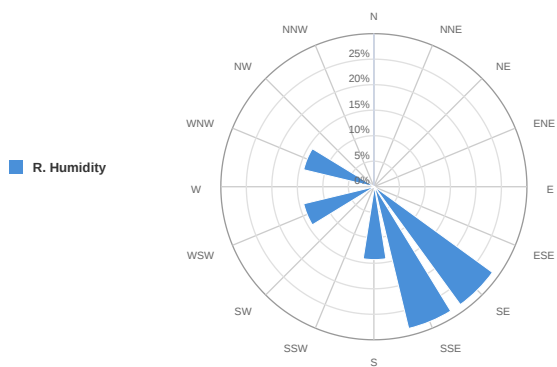


**SO<sub>2</sub> (ppb)**



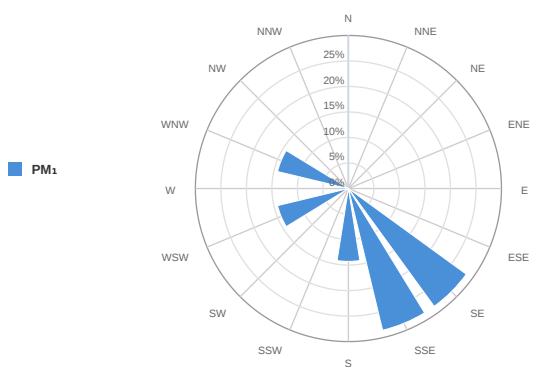
■ SO<sub>2</sub>

**R. Humidity (%)**



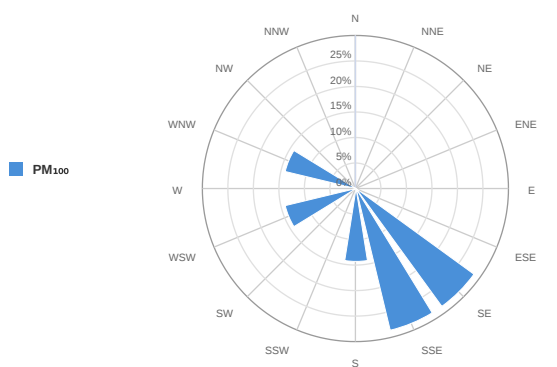
■ R. Humidity

**PM<sub>1</sub> (μg/m<sup>3</sup>)**



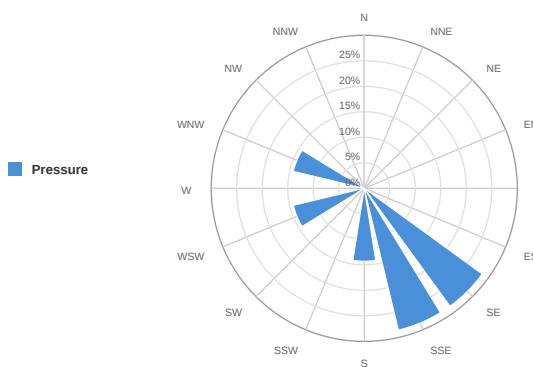
■ PM<sub>1</sub>

**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

- 16/05/2026, 23:59 **Air Quality Fluctuations: Very Low to Low CAQI:** The CAQI values varied between 'Very Low' (22-24) and 'Low' (29-44) levels, indicating generally acceptable air quality during the observed period. CAQI values did not reach Medium or higher levels.
- 16/05/2026, 23:59 **Nitrogen Dioxide (NO<sub>2</sub>) Levels Remain Low to Medium:** NO<sub>2</sub> concentrations ranged from 18.87 to 51.18 µg/m<sup>3</sup>, indicating 'Very Low' to 'Low' conditions based on the provided thresholds. NO<sub>2</sub> levels peaked on May 14 but remained within acceptable limits.
- 16/05/2026, 23:59 **Ozone (O<sub>3</sub>) Levels Show Variability:** O<sub>3</sub> concentrations fluctuated between 16.51 and 53.36 µg/m<sup>3</sup>, categorized as 'Very Low' to 'Low'. The highest O<sub>3</sub> level was recorded on May 13, indicating some variability in ozone concentrations.
- 16/05/2026, 23:59 **PM<sub>2.5</sub> Concentrations Consistently Very Low to Low:** PM<sub>2.5</sub> levels ranged from 5.6 to 9.91 µg/m<sup>3</sup>, consistently within the 'Very Low' to 'Low' range according to provided thresholds. This indicates relatively clean air regarding fine particulate matter.
- 16/05/2026, 23:59 **PM<sub>10</sub> Levels Show Low Concentrations:** PM<sub>10</sub> concentrations varied from 22.34 to 44.13 µg/m<sup>3</sup>, staying within the 'Low' range. The PM<sub>10</sub> levels, like PM<sub>2.5</sub>, suggest good air quality in terms of inhalable particles.
- 16/05/2026, 23:59 **Wind Speed and Direction Variability:** Wind speed varied from 1.24 to 4.71 m/s, with wind direction ranging from 132.42 to 302.3 degrees. The highest wind speed recorded on May 13. No correlation found with air quality parameters.
- 16/05/2026, 23:59 **Consistent Battery Performance:** Battery levels remained consistently at 100% throughout the observed period. This indicates a reliable power source for the monitoring equipment during the entire sampling.
- 16/05/2026, 23:59 **Carbon Monoxide (CO) Levels Show Minor Fluctuations:** CO concentrations ranged from 291.26 to 348.29 ppb. The peak CO level was recorded on May 14. The variations are minor, but they are important to track for potential pollution sources.
- 16/05/2026, 23:59 **Temperature and Humidity Changes:** Temperature fluctuated between 12.54 and 21.94 °C, while relative humidity ranged from 53.08 to 70.13%. Temperature was lowest on May 13. The fluctuations could affect air quality.
- 16/05/2026, 23:59 **Pressure Readings Indicate Slight Variation:** Atmospheric pressure ranged from 989.62 to 1002.92 hPa, with the lowest pressure recorded on May 16. These variations could be related to weather patterns but no clear link with pollution found.

## Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	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>
10/05/2026, 23:59	22	22.34	8.49	10.03	25.81
11/05/2026, 23:59	34	33.64	8.7	20.54	15.52
12/05/2026, 23:59	23	23.18	6.31	19.58	16.72
13/05/2026, 23:59	29	28.32	7.41	10.48	27.18
14/05/2026, 23:59	44	44.13	9.91	27.2	8.41
15/05/2026, 23:59	31	30.55	5.98	24.69	13.34
16/05/2026, 23:59	24	23.85	5.6	21.02	15.19

## Alți parametri

Media zilnică

To Date	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	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
10/05/2026, 23:59	298.08	20.62	1.24	132.42	100	0	60.97	7.35	36.03	1002.92
11/05/2026, 23:59	333.14	21.94	3.48	171.15	100	0	58.73	6.12	53.01	996.48
12/05/2026, 23:59	314.67	18.33	2.65	246.31	100	0	70.13	4.75	40.55	992.42
13/05/2026, 23:59	291.26	12.54	4.71	302.3	100	0	64.88	5.79	48.39	997.3
14/05/2026, 23:59	348.29	16.08	1.68	149.19	100	0	56.42	7.51	68.12	994.66
15/05/2026, 23:59	328.44	19.98	3.29	159.76	100	0	53.08	4.1	50.72	991.98
16/05/2026, 23:59	322.36	18.12	2.28	133.9	100	0	68.95	4.1	41.09	989.62

Oizom will not be responsible for Environmental Data accuracy once Validated