

Primaria Buzias (Sala Sport)

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Buzias (Sala Sport)**
Locația dispozitivului: **Strada Principală 10, Buziaș 305100, Romania**

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

Primaria Buzias (Sala Sport)
Strada Principală 10, Buziaș 305100,
Romania



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

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	24	23.96	5.83	30.59	25.49
Maximum	30	28.93	8.41	32.04	33.02
Date	26/05/2026	26/05/2026	26/05/2026	25/05/2026	30/05/2026
Minimum	19	18.87	2.77	27.51	19.29
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 .

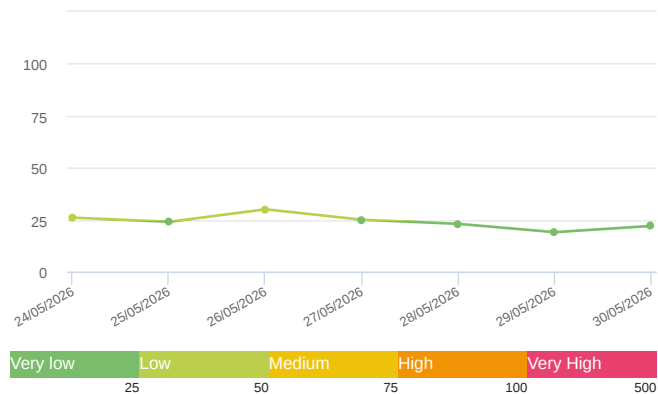
Prezentare generală zilnică: Alți parametri

	CO 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	259.91	23.73	2.17	345.71	100	2.83	49.57	4.07	40.65	1005.91
Maximum	278.33	27.02	4.03	354.47	100	4.23	54.32	6.83	48.7	1011.5
Date	25/05/2026	27/05/2026	28/05/2026	28/05/2026	24/05/2026	28/05/2026	24/05/2026	26/05/2026	26/05/2026	25/05/2026
Minimum	235.06	20.42	1.82	271.32	100	1.71	42.77	1.52	35.1	1002.57
Date	28/05/2026	29/05/2026	30/05/2026	30/05/2026	24/05/2026	27/05/2026	29/05/2026	29/05/2026	28/05/2026	26/05/2026

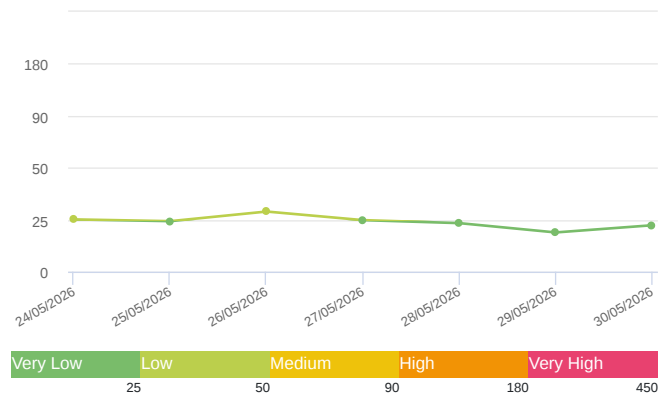
The data shown above is based on Media zilnică .

Media zilnică

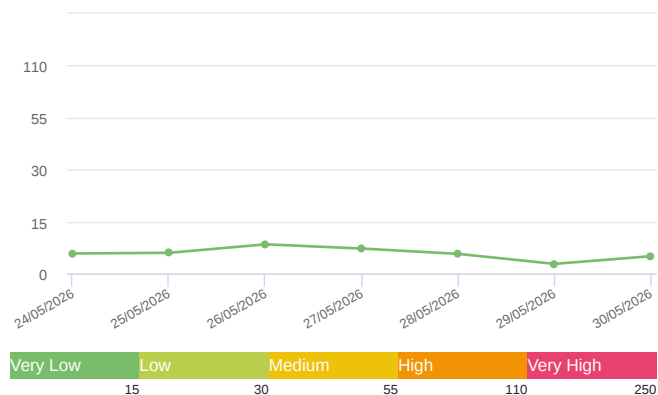
CAQI (AQI)



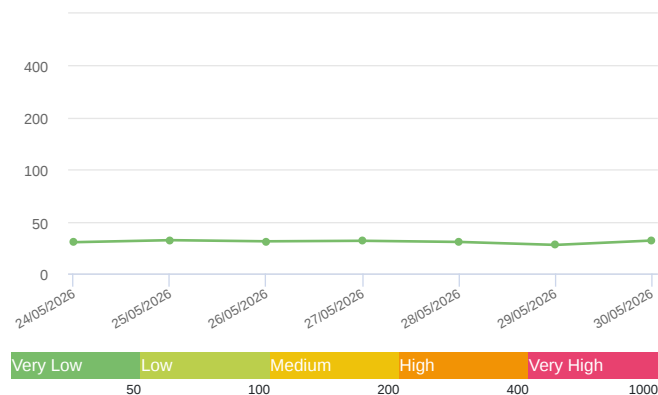
PM₁₀ (μg/m³)



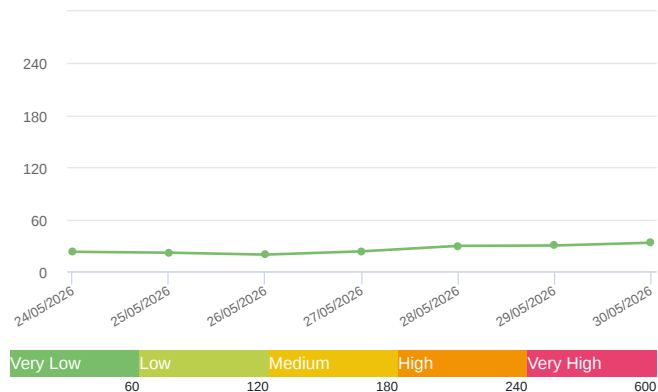
PM_{2.5} (μg/m³)



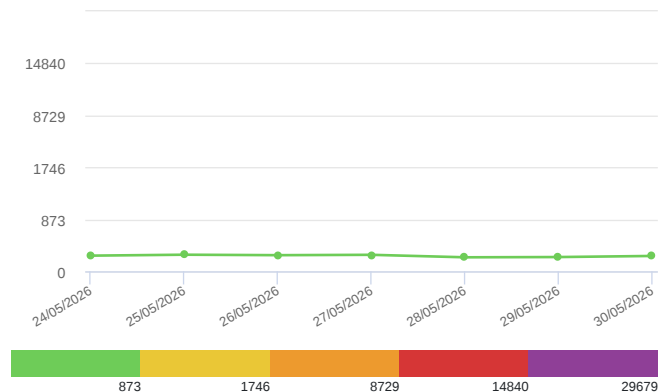
NO₂ (μg/m³)



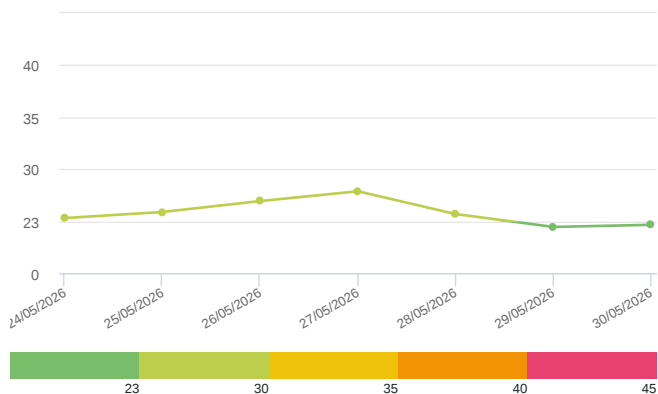
O₃ (μg/m³)



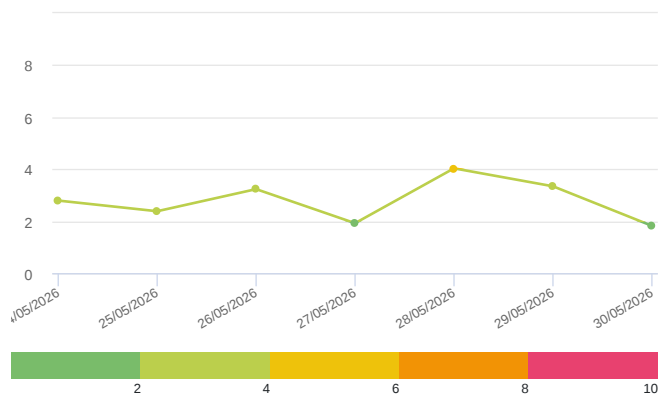
CO (ppb)



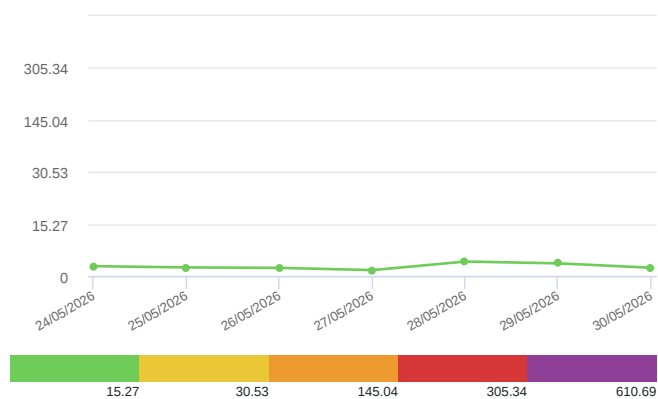
Temperature (°C)



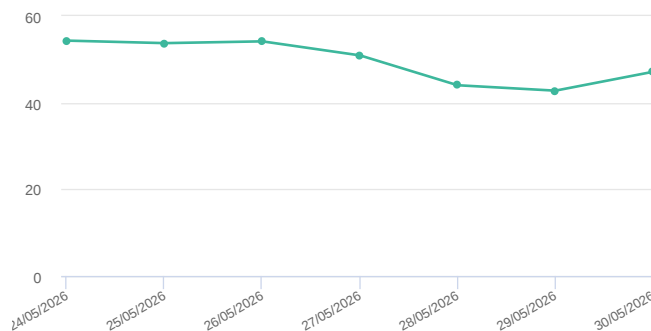
Wind Speed (m/s)



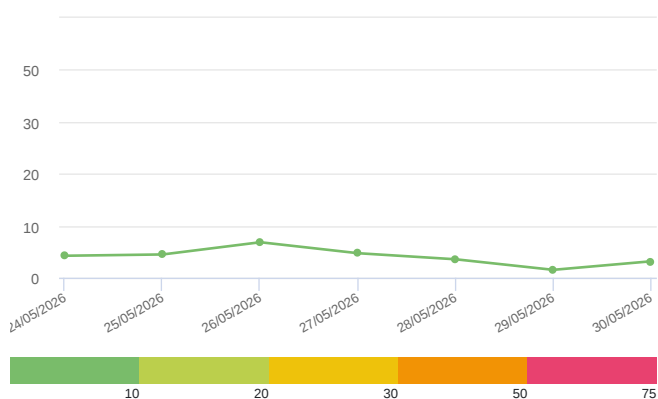
SO₂ (ppb)



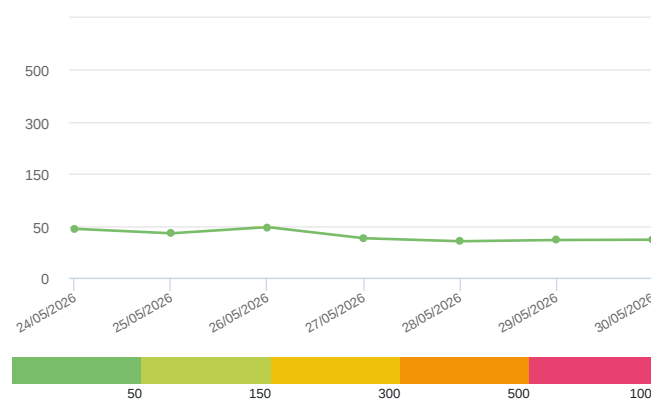
R. Humidity (%)



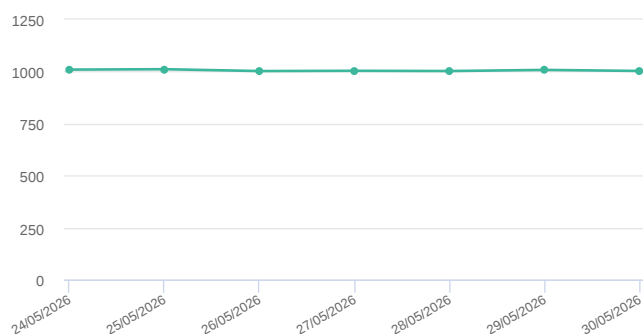
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)

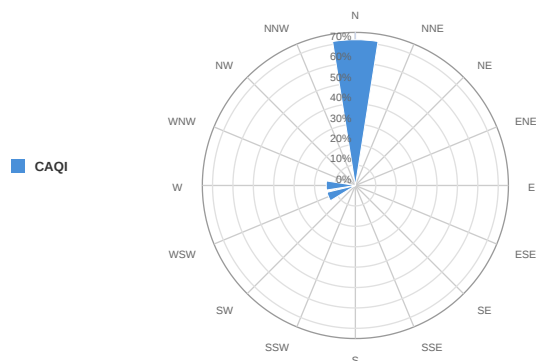


Pressure (hPa)

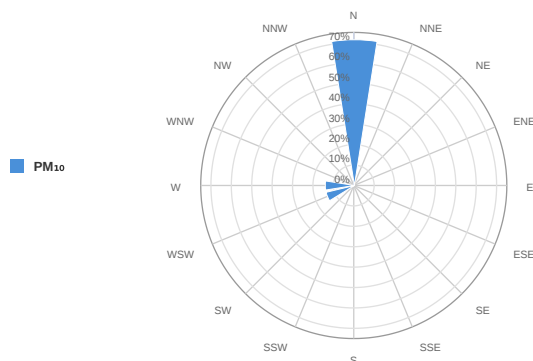


Media zilnică

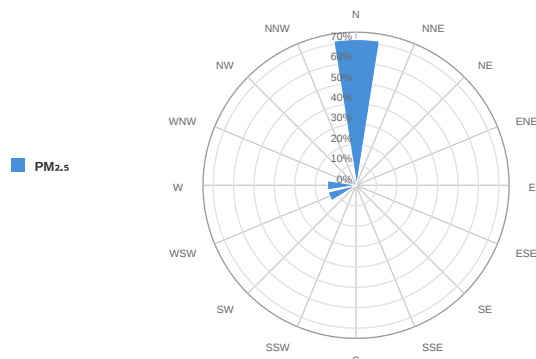
CAQI (AQI)



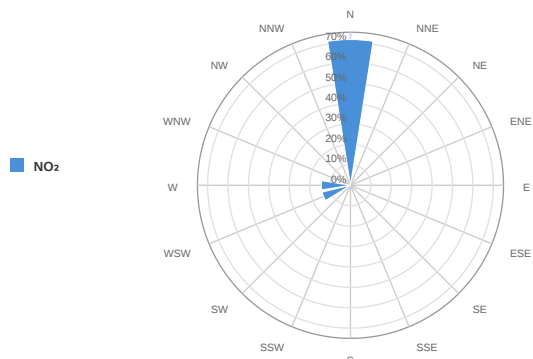
PM₁₀ (μg/m³)



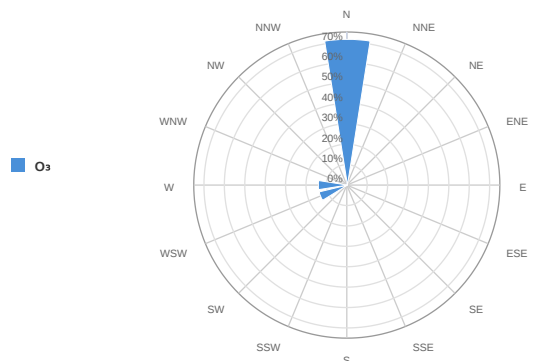
PM_{2.5} (μg/m³)



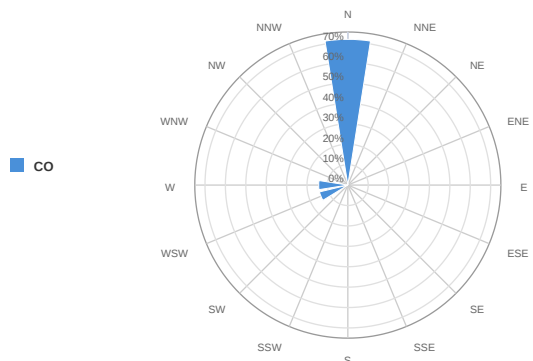
NO₂ (μg/m³)



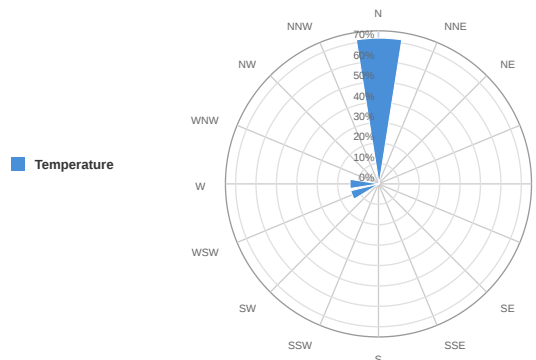
O₃ (μg/m³)



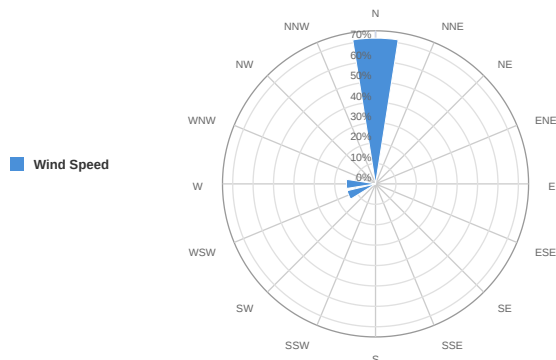
CO (ppb)



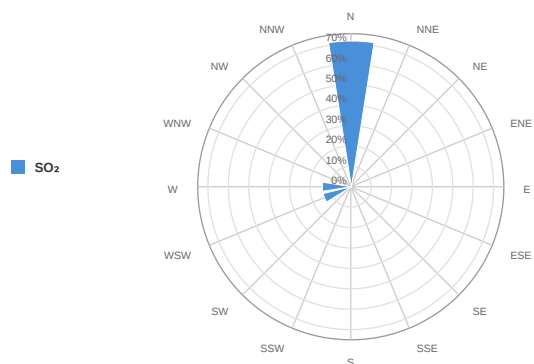
Temperature (°C)



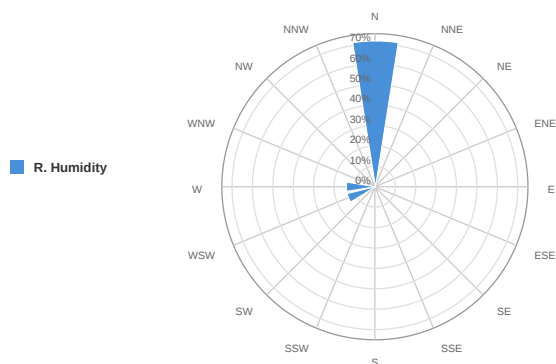
Wind Speed (m/s)



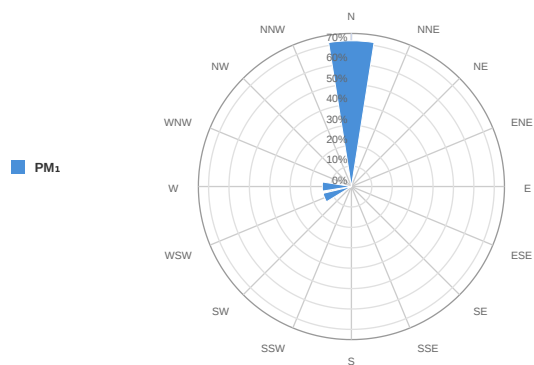
SO₂ (ppb)



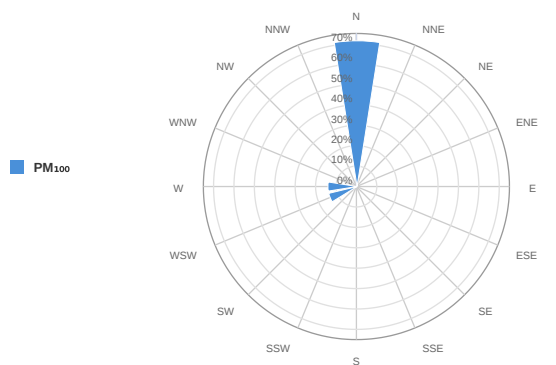
R. Humidity (%)



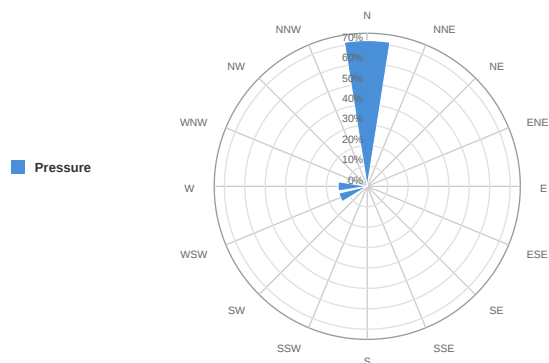
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 30/05/2026, 23:59 **Consistent Low Air Quality Index Readings:** The CAQI consistently falls within the 'Low' zone, ranging from 27 to 31 across the observed period. Further investigation is needed to understand the persistent factors influencing this.
- 30/05/2026, 23:59 **Nitrogen Dioxide Levels in Medium Zone:** NO₂ levels fluctuate between 51.77 and 60.29 µg/m³, placing them consistently in the 'Medium' zone based on provided thresholds, raising potential concerns.
- 30/05/2026, 23:59 **Ozone Levels Vary, Mostly in Low-Medium Range:** O₃ levels vary between 37.87 and 64.82 µg/m³. Most readings fall within the 'Low' to 'Medium' range, indicating moderate ozone presence.
- 30/05/2026, 23:59 **PM_{2.5} Levels Consistently Very Low:** PM_{2.5} levels are consistently 'Very Low', ranging from 2.77 to 8.41 µg/m³, indicating minimal fine particulate matter concentration.
- 30/05/2026, 23:59 **PM₁₀ Levels Mostly Within Low Range:** PM₁₀ levels range from 18.87 to 28.93 µg/m³, primarily within the 'Low' zone. These levels should be monitored for potential increases.
- 30/05/2026, 23:59 **Wind Speed Fluctuation and Air Quality:** Wind speed fluctuates from 1.82 to 4.03 m/s. This variation could be influencing the dispersion of pollutants in the area, affecting air quality.
- 30/05/2026, 23:59 **Temperature's Relationship with Air Quality:** The temperature ranged from 20.42 to 27.02°C. A further analysis is needed to see how temperatures impact pollutant concentrations.
- 30/05/2026, 23:59 **Battery Life Consistent During Readings:** The monitoring device's battery consistently remains at 100%, ensuring consistent data collection throughout the analyzed period.
- 30/05/2026, 23:59 **CO Levels relatively Consistent:** Carbon Monoxide levels showed relative consistency between 235.06 and 278.33 ppb. These levels should be monitored for increases.
- 30/05/2026, 23:59 **Humidity Impact on Air Quality:** Relative humidity ranged from 42.77% to 54.32%. Higher humidity could potentially increase the concentration of some pollutants. Monitoring advised.

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
24/05/2026, 23:59	26	25.14	5.78	30.12	22.48
25/05/2026, 23:59	24	24.29	5.97	32.04	21.5
26/05/2026, 23:59	30	28.93	8.41	30.96	19.29
27/05/2026, 23:59	25	24.81	7.2	31.46	23.06
28/05/2026, 23:59	23	23.36	5.66	30.34	29.33
29/05/2026, 23:59	19	18.87	2.77	27.51	29.73
30/05/2026, 23:59	22	22.32	4.99	31.72	33.02

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
24/05/2026, 23:59	262.51	23.41	2.79	0.1	100	2.87	54.32	4.23	47.06	1009.58
25/05/2026, 23:59	278.33	24.23	2.38	355.14	100	2.51	53.74	4.48	42.74	1011.5
26/05/2026, 23:59	270.27	25.7	3.23	357.36	100	2.37	54.15	6.83	48.7	1002.57
27/05/2026, 23:59	276.41	27.02	1.92	237.78	100	1.71	50.91	4.72	38.02	1003.81
28/05/2026, 23:59	235.06	23.95	4.03	354.47	100	4.23	44.02	3.55	35.1	1002.71
29/05/2026, 23:59	238.91	20.42	3.34	7.35	100	3.7	42.77	1.52	36.3	1008.13
30/05/2026, 23:59	257.88	21.37	1.82	271.32	100	2.41	47.12	3.16	36.62	1003.09

Oizom will not be responsible for Environmental Data accuracy once Validated