

Primaria Foeni

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Foeni**
Locația dispozitivului: **Primărie (Foeni), 307175 Foeni, Romania**

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

Primaria Foeni
Primărie (Foeni), 307175 Foeni,
Romania



Media indicelui de calitate al aerului (ICA): **34**

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	34	20.32	7.02	17.35	79.99
Maximum	36	34.61	14.74	21.64	84.88
Date	26/05/2026	30/05/2026	30/05/2026	30/05/2026	28/05/2026
Minimum	32	11.95	2.78	15.09	71.74
Date	25/05/2026	29/05/2026	29/05/2026	29/05/2026	30/05/2026

The data shown above is based on Media zilnică .

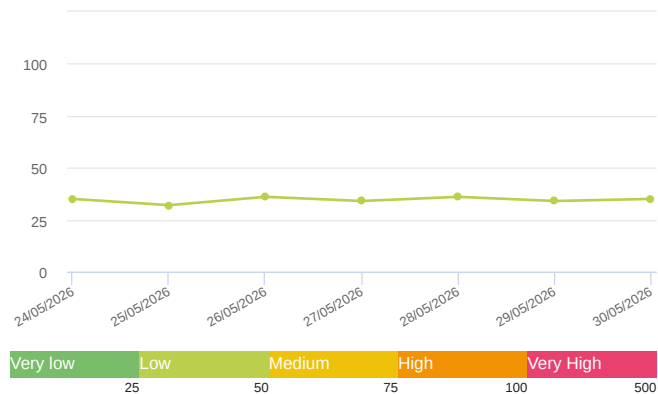
Prezentare generală zilnică: Alți parametri

	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	346.53	25.74	2.97	346.18	100	0	45.39	4.94	30.46	1011.86
Maximum	448.58	28.95	4.44	358.7	100	0	50.29	10.01	45.74	1016.35
Date	30/05/2026	26/05/2026	28/05/2026	28/05/2026	24/05/2026	24/05/2026	25/05/2026	30/05/2026	30/05/2026	25/05/2026
Minimum	302.22	22.11	2.51	277.63	100	0	37.64	1.56	20.03	1007.74
Date	28/05/2026	30/05/2026	27/05/2026	27/05/2026	24/05/2026	24/05/2026	29/05/2026	29/05/2026	24/05/2026	28/05/2026

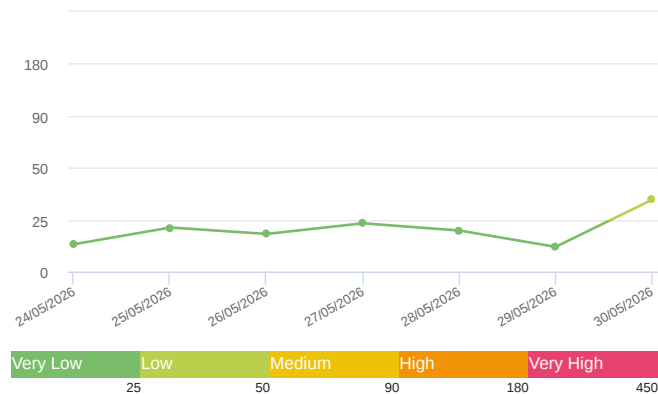
The data shown above is based on Media zilnică .

Media zilnică

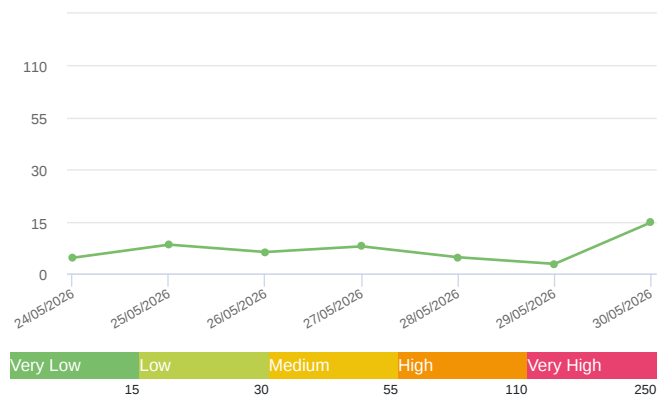
CAQI (AQI)



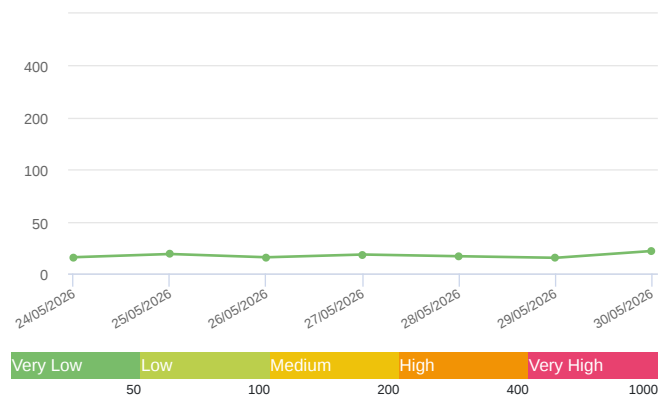
PM₁₀ (μg/m³)



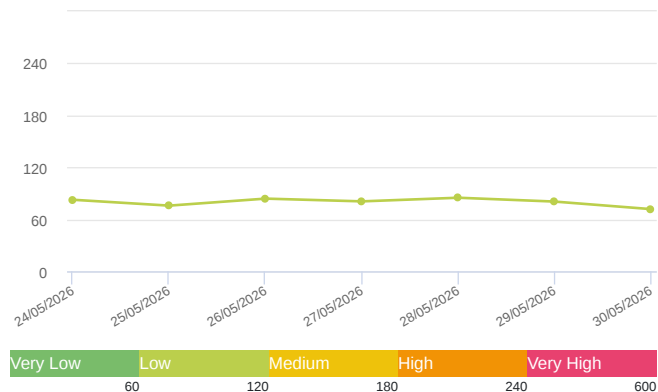
PM_{2.5} (μg/m³)



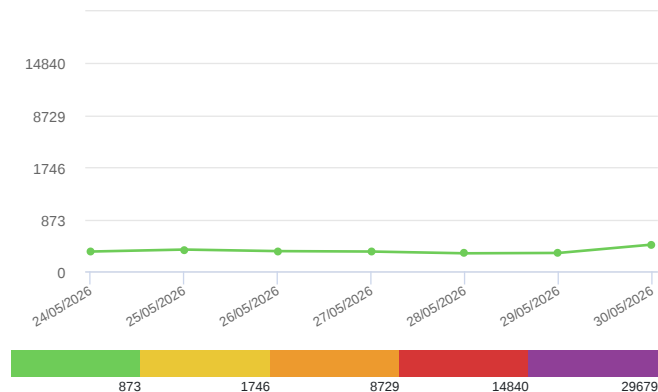
NO₂ (μg/m³)



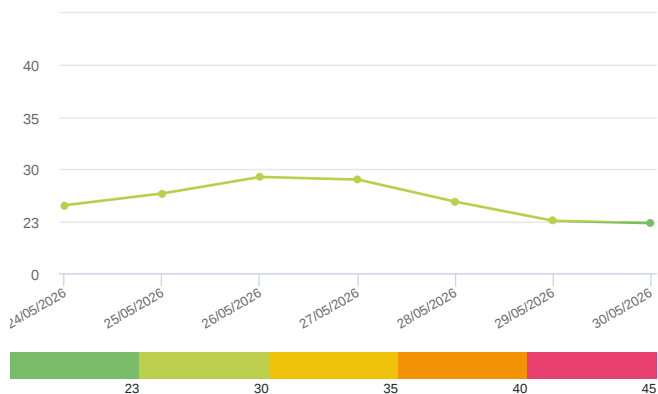
O₃ (μg/m³)



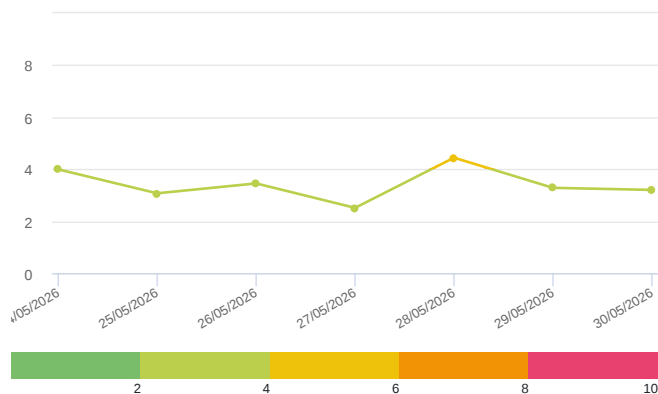
CO (ppb)



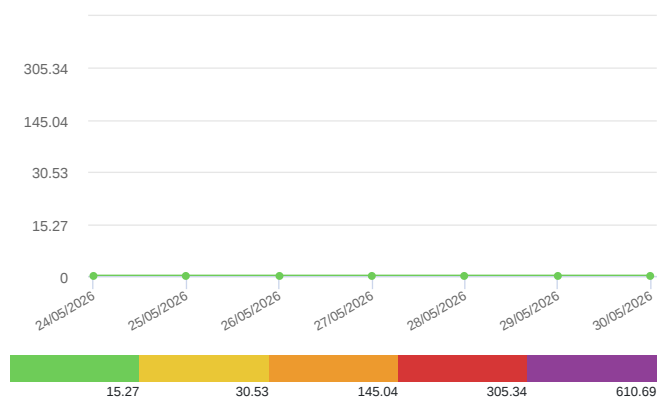
Temperature (°C)



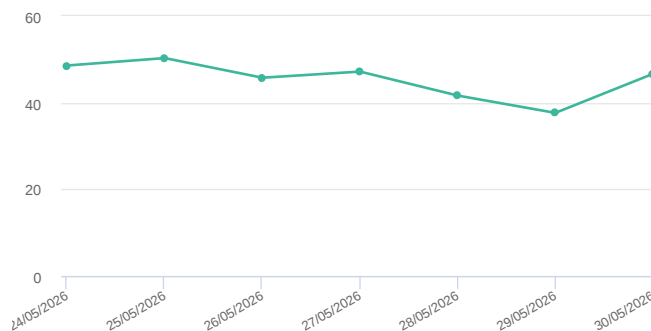
Wind Speed (m/s)



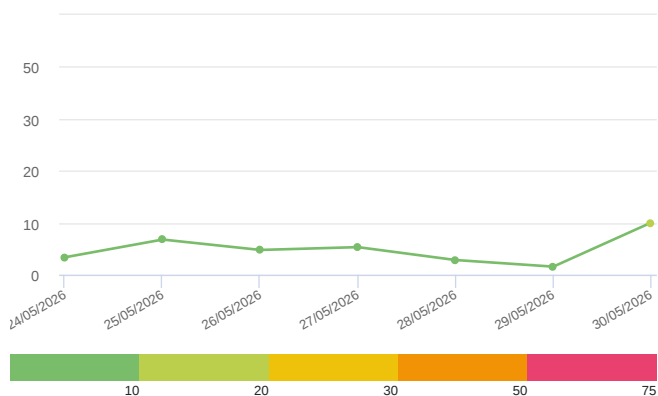
SO₂ (ppb)



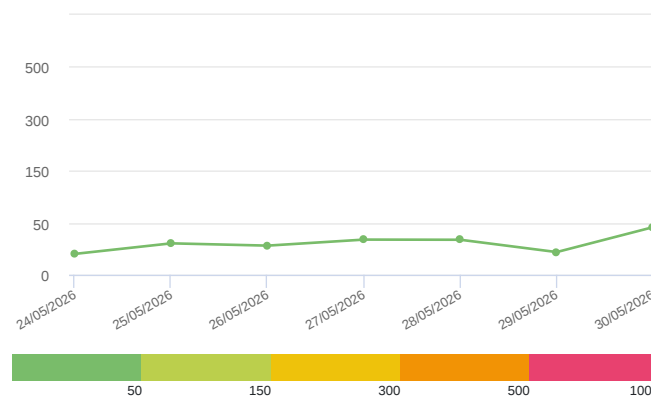
R. Humidity (%)



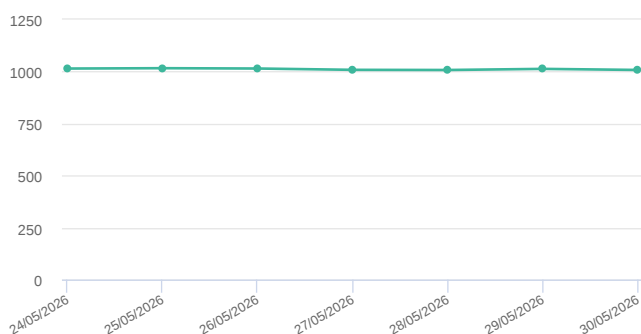
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)

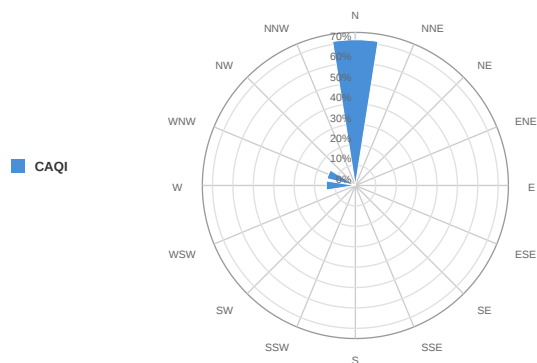


Pressure (hPa)

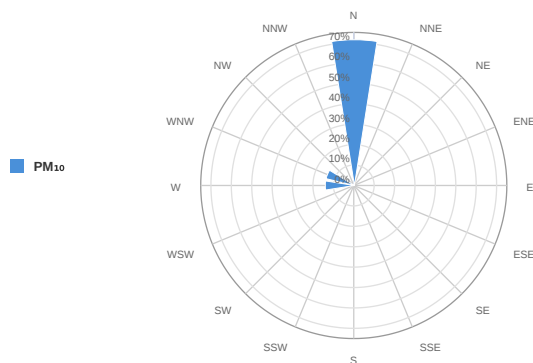


Media zilnică

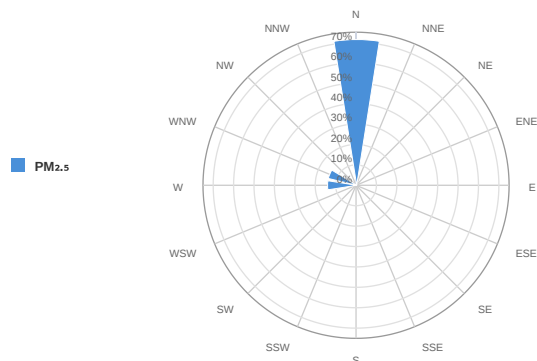
CAQI (AQI)



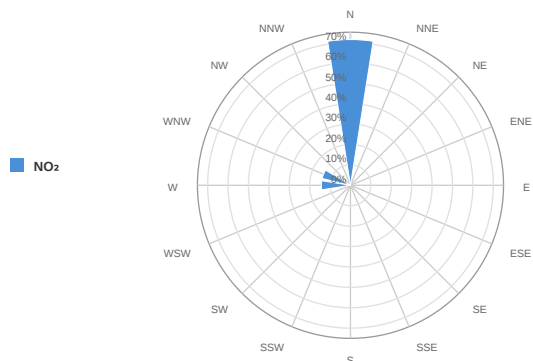
PM₁₀ (μg/m³)



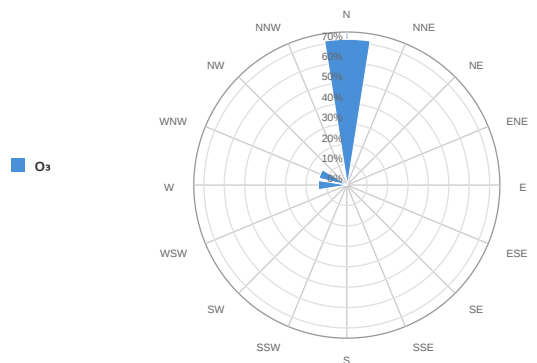
PM_{2.5} (μg/m³)



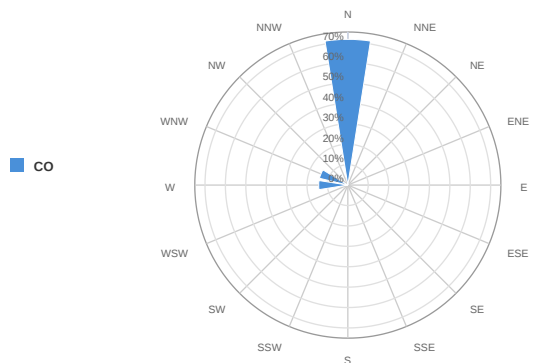
NO₂ (μg/m³)



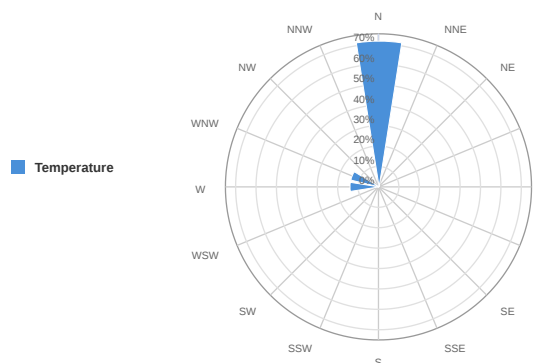
O₃ (μg/m³)



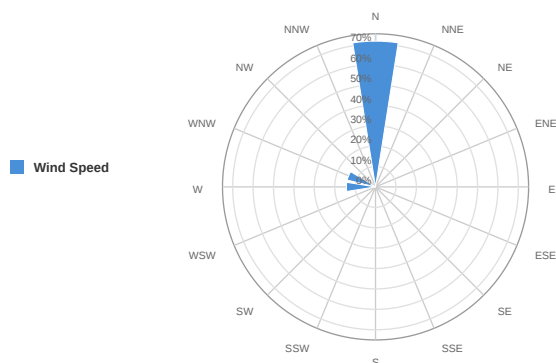
CO (ppb)



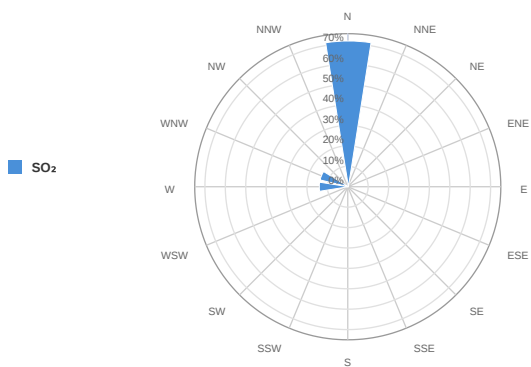
Temperature (°C)



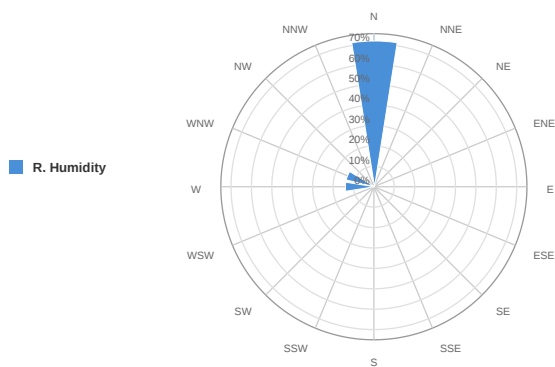
Wind Speed (m/s)



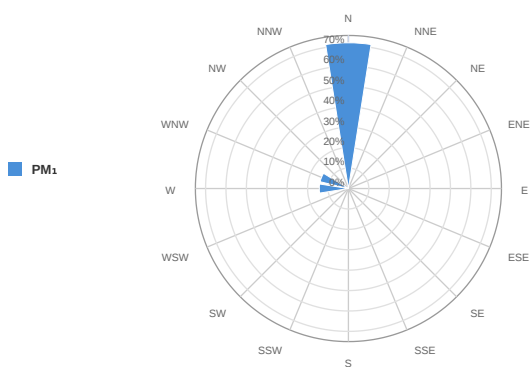
SO₂ (ppb)



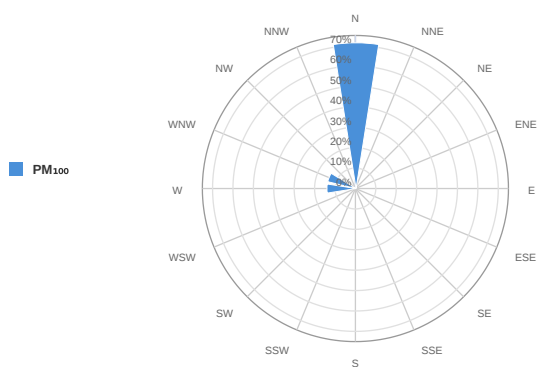
R. Humidity (%)



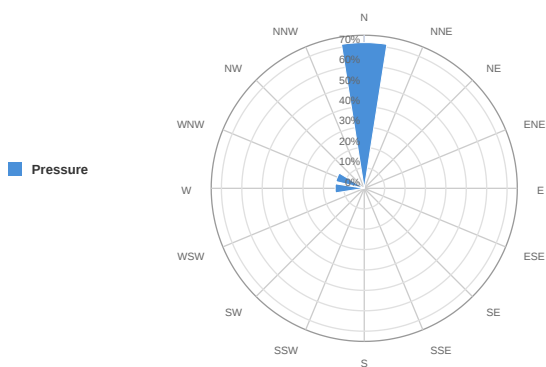
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 30/05/2026, 23:59 **Consistent Medium Air Quality Observed:** The CAQI consistently falls within the 'Medium' zone (59-70) throughout the reported period, indicating a moderate level of air pollution. No significant improvement or deterioration is observed.
- 30/05/2026, 23:59 **Ozone Levels Consistently Very High:** Ozone (O_3) levels are consistently Very High, ranging from 140.84 to 166.64 $\mu g/m^3$, suggesting significant photochemical activity and potential respiratory irritant concerns.
- 30/05/2026, 23:59 **NO_2 Levels Generally Low:** Nitrogen Dioxide (NO_2) concentrations are generally Low, ranging from 28.40 to 40.72 $\mu g/m^3$, indicating relatively low levels of combustion-related pollution.
- 30/05/2026, 23:59 **$PM_{2.5}$ Levels Mostly Very Low:** $PM_{2.5}$ concentrations are mostly Very Low, ranging from 2.78 to 14.74 $\mu g/m^3$. This suggests good air quality regarding fine particulate matter, except for one value close to 'Low' zone.
- 30/05/2026, 23:59 **PM_{10} Levels Predominantly Low:** PM_{10} levels are predominantly Low, fluctuating between 11.95 and 34.61 $\mu g/m^3$, indicating acceptable levels of inhalable coarse particles. One reading reached the 'Medium' threshold.
- 29/05/2026, 23:59 **Wind Direction Predominantly Northerly:** Wind direction is predominantly from the North (around 360 degrees), which may influence the source and transport of pollutants in the monitored area.
- 30/05/2026, 23:59 **Temperature Fluctuation Impact on Air Quality:** Temperature varies between 22.11 and 28.95 °C. Correlation analysis could reveal if higher temperature influences ozone formation, leading to higher CAQI values.
- 30/05/2026, 23:59 **No SO_2 Detected During Monitoring:** Sulfur Dioxide (SO_2) levels are consistently reported as 0 ppb throughout the monitoring period, suggesting minimal impact from sulfur-based pollution sources.
- 30/05/2026, 23:59 **May 30th Saw Highest PM_{10} Values:** May 30th shows the highest PM_{10} value at 34.61 $\mu g/m^3$, nearing the medium pollution level. Further investigation needed to check if there were any unusual activities or events.
- 30/05/2026, 23:59 **CO (ppb) Spiked on May 30th:** May 30th shows the highest reading for CO (Carbon Monoxide) levels with value of 448.58 ppb. This might be because of some industrial activity. More data is required to confirm.

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	35	13.19	4.55	15.63	82.54
25/05/2026, 23:59	32	21.25	8.33	18.73	75.75
26/05/2026, 23:59	36	18.16	6.19	15.58	83.86
27/05/2026, 23:59	34	23.28	7.83	18.24	80.68
28/05/2026, 23:59	36	19.79	4.68	16.58	84.88
29/05/2026, 23:59	34	11.95	2.78	15.09	80.48
30/05/2026, 23:59	35	34.61	14.74	21.64	71.74

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	332.15	25.14	3.99	357.18	100	0	48.57	3.36	20.03	1014.68
25/05/2026, 23:59	364.56	26.73	3.07	5.54	100	0	50.29	6.77	30.19	1016.35
26/05/2026, 23:59	338.66	28.95	3.45	359.98	100	0	45.76	4.77	28.02	1014.78
27/05/2026, 23:59	331.4	28.59	2.51	277.63	100	0	47.17	5.31	33.8	1008.5
28/05/2026, 23:59	302.22	25.61	4.44	358.7	100	0	41.64	2.83	33.63	1007.74
29/05/2026, 23:59	308.14	23.05	3.28	4.91	100	0	37.64	1.56	21.82	1013.06
30/05/2026, 23:59	448.58	22.11	3.2	300.68	100	0	46.65	10.01	45.74	1007.93

Oizom will not be responsible for Environmental Data accuracy once Validated