

# Primaria Foeni

## WEEKLY AIR-QUALITY REPORT

Timp de la: **18/01/2026, 00:00**  
 Timp până la: **24/01/2026, 23:59**

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

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



Media indicelui de calitate al aerului (ICA): **275**

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

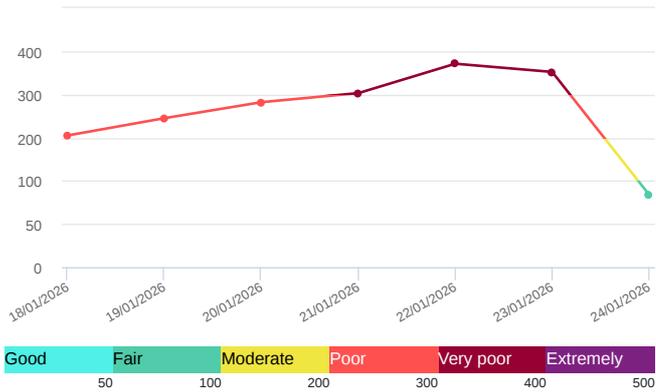
	EAQI AQI	NO <sub>2</sub> µg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	SO <sub>2</sub> ppb	PM <sub>2.5</sub> µg/m <sup>3</sup>	PM <sub>10</sub> µg/m <sup>3</sup>
<b>Average</b>	275	20.79	57.99	5.32	43.6	80.32
<b>Maximum</b>	371	27.34	66.72	8.05	67.66	123.69
<b>Date</b>	22/01/2026	22/01/2026	18/01/2026	22/01/2026	22/01/2026	22/01/2026
<b>Minimum</b>	84	14.81	50.62	3.44	16.74	31.95
<b>Date</b>	24/01/2026	18/01/2026	22/01/2026	24/01/2026	24/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

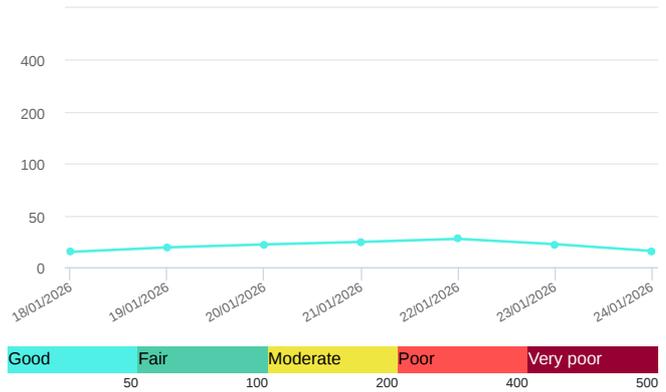
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM <sub>1</sub> μg/m <sup>3</sup>	PM <sub>100</sub> μg/m <sup>3</sup>	Pressure HPa	Temperature °C
<b>Average</b>	1.55	121.35	100	585.46	76.94	39.64	89.45	1011.69	0.19
<b>Maximum</b>	4.42	154.51	100	794.03	81.31	60.51	136.89	1028.65	4.62
<b>Date</b>	24/01/2026	24/01/2026	18/01/2026	22/01/2026	21/01/2026	22/01/2026	22/01/2026	19/01/2026	24/01/2026
<b>Minimum</b>	1.09	66.6	100	369.52	71.03	14.92	35.87	996.84	-3.06
<b>Date</b>	22/01/2026	22/01/2026	18/01/2026	24/01/2026	19/01/2026	24/01/2026	24/01/2026	23/01/2026	21/01/2026

Media zilnică

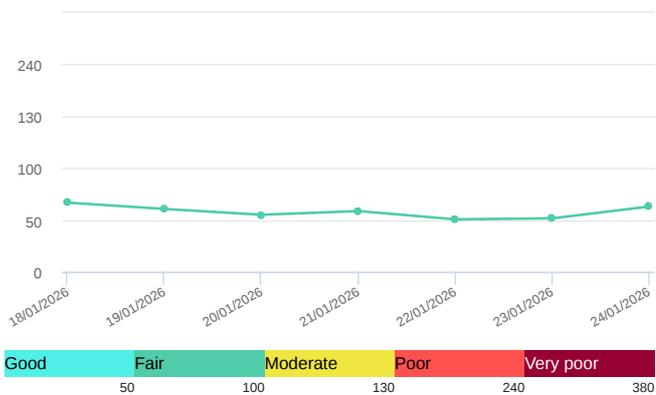
EAQI (AQI)



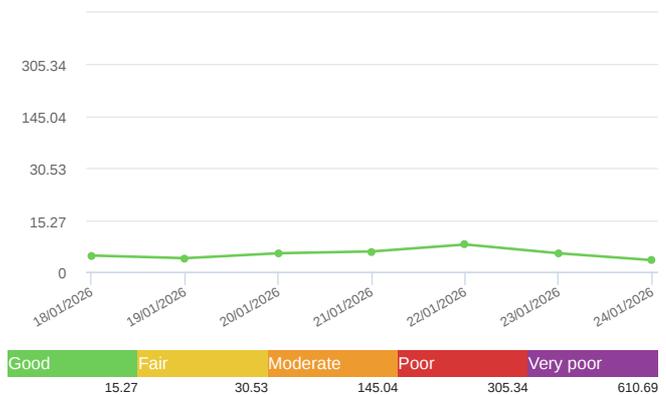
NO<sub>2</sub> (µg/m<sup>3</sup>)



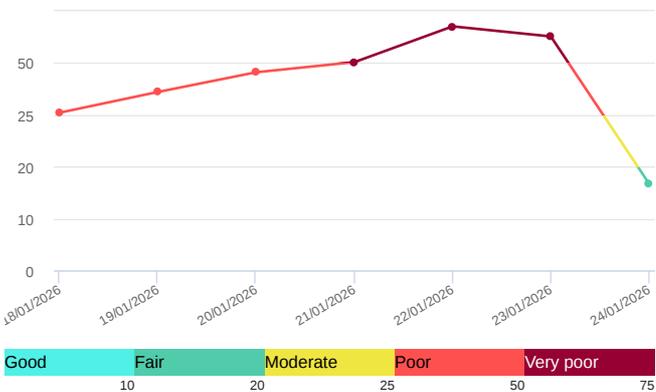
O<sub>3</sub> (µg/m<sup>3</sup>)



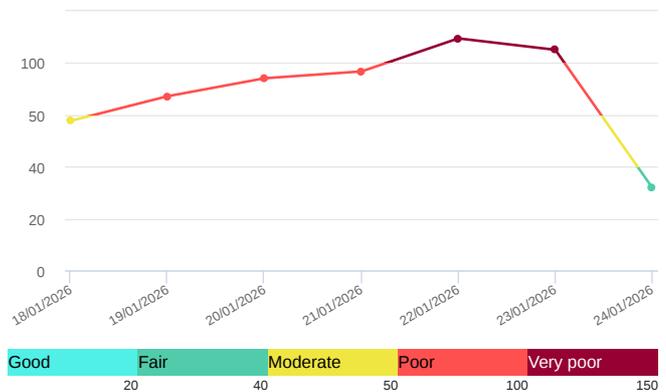
SO<sub>2</sub> (ppb)



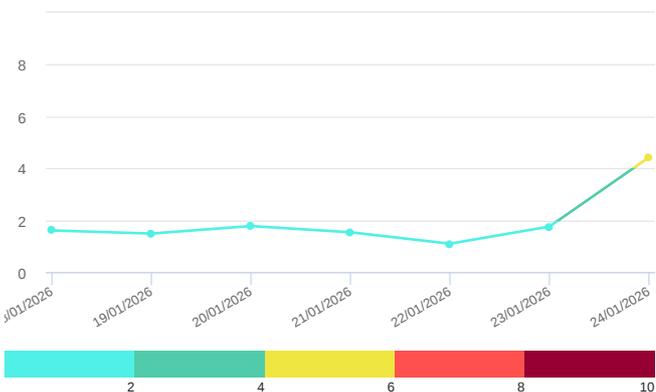
PM<sub>2.5</sub> (µg/m<sup>3</sup>)



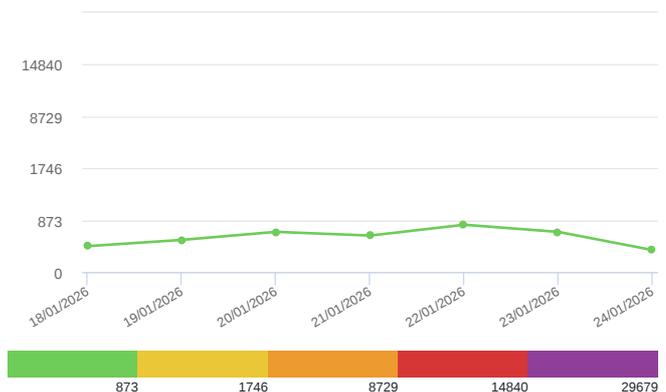
PM<sub>10</sub> (µg/m<sup>3</sup>)



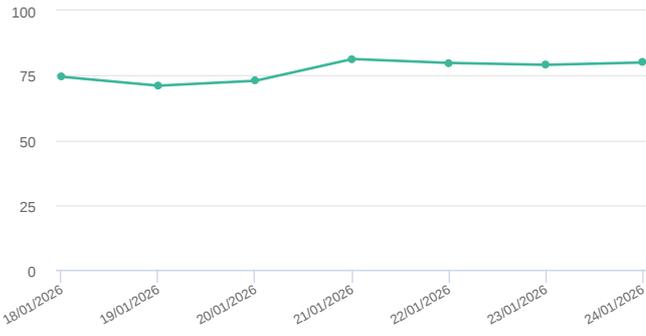
Wind Speed (m/s)



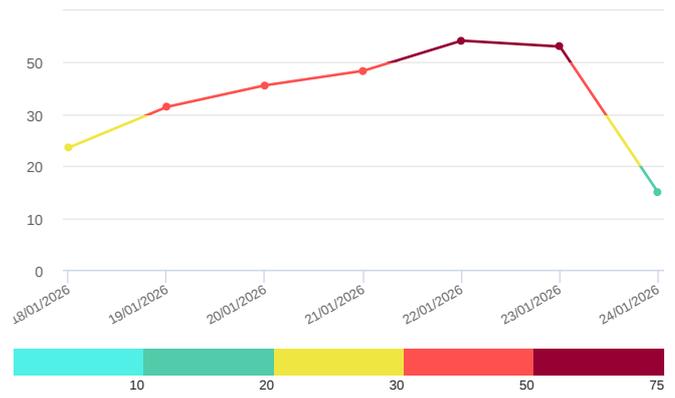
CO (ppb)



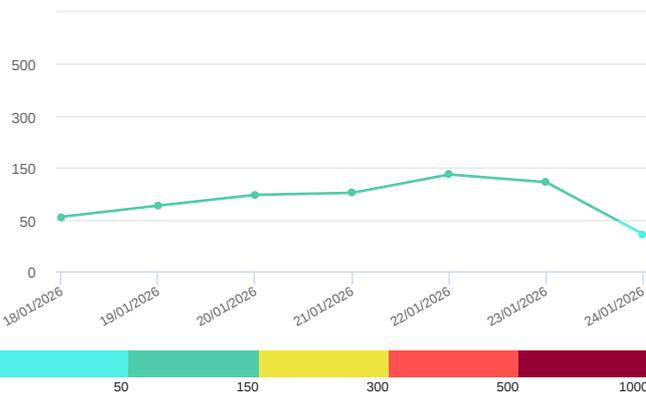
R. Humidity (%)



PM<sub>1</sub> (µg/m<sup>3</sup>)



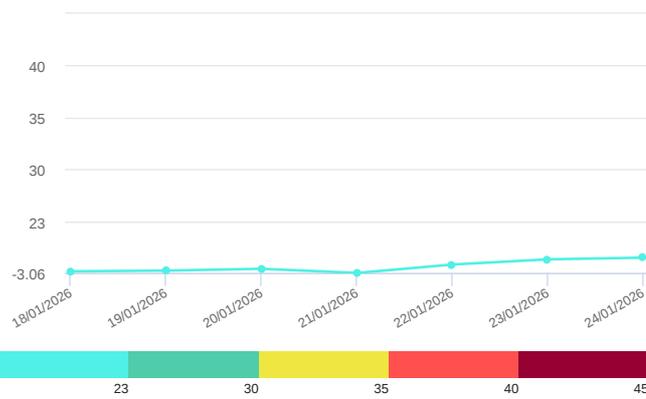
PM<sub>100</sub> (µg/m<sup>3</sup>)



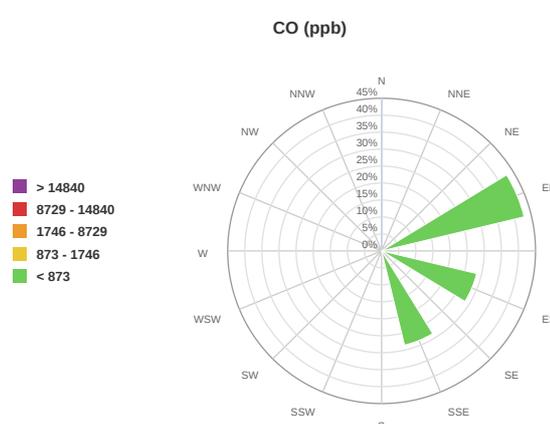
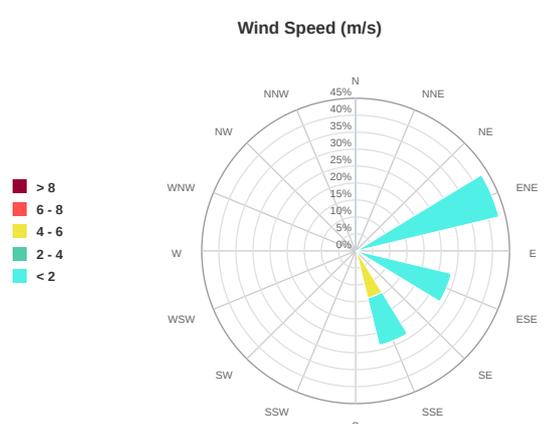
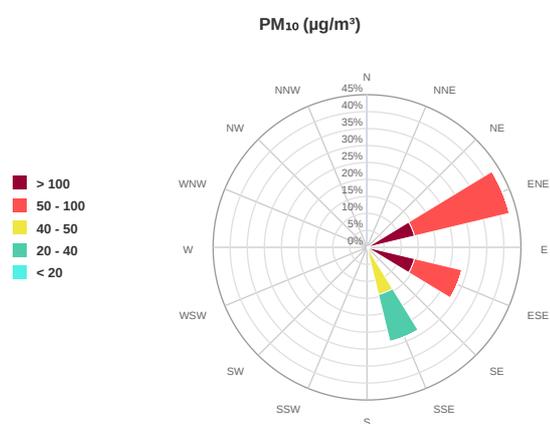
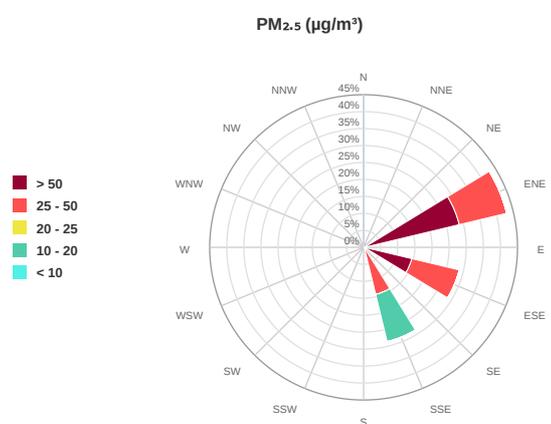
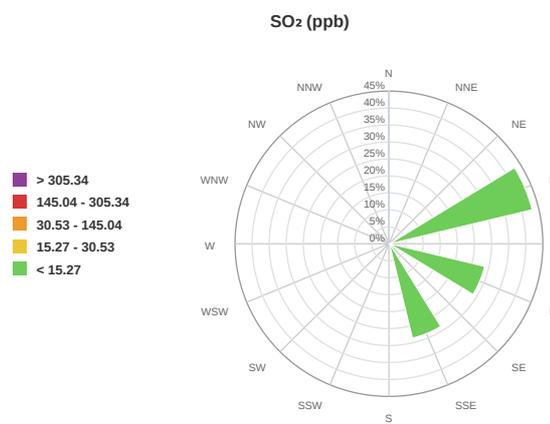
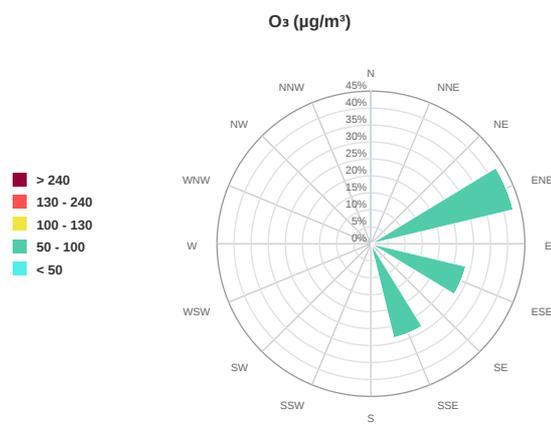
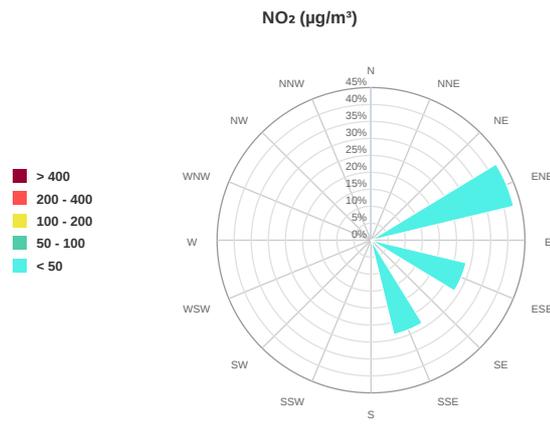
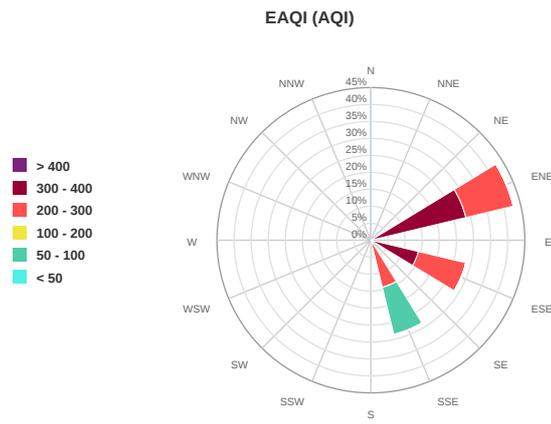
Pressure (hPa)



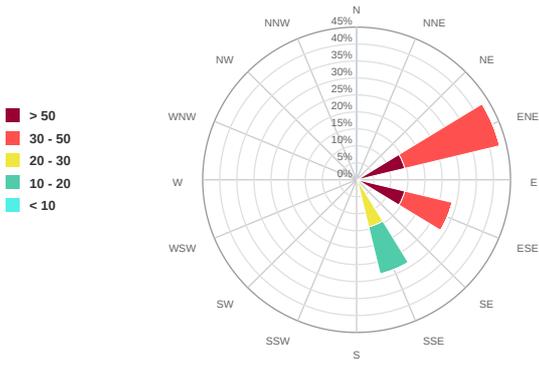
Temperature (°C)



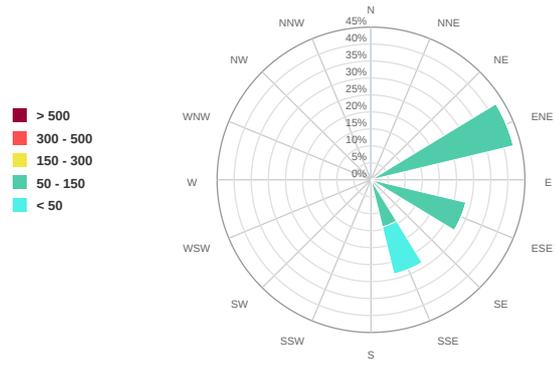
Media zilnică



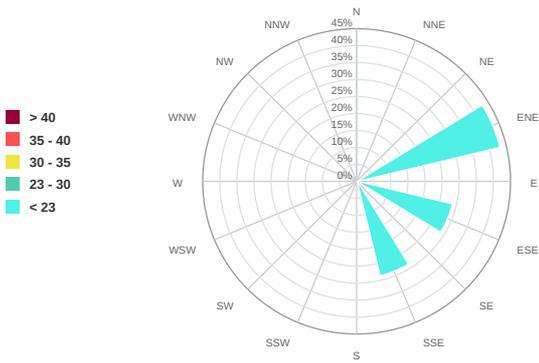
**PM<sub>1</sub> (µg/m<sup>3</sup>)**



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



**Temperature (°C)**



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## Alerte

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No alerts for the selected date and time range

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## Insights

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- 23/01/2026, 23:59 **EAQI consistently in 'Poor' to 'Very Poor' range.**: EAQI values show consistently unhealthy air quality, fluctuating between 'Poor' and 'Very Poor' categories, peaking at 371. This indicates a persistent air pollution issue.
- 23/01/2026, 23:59 **High PM<sub>2.5</sub> levels contribute to poor air quality.**: PM<sub>2.5</sub> levels were exceeding the 'Poor' threshold, reaching 67.66 µg/m<sup>3</sup>, significantly impacting the EAQI. High values are indicators of pollution.
- 23/01/2026, 23:59 **PM<sub>10</sub> concentrations frequently exceed safe limits.**: PM<sub>10</sub> levels were consistently high, often exceeding the 'Poor' threshold, reaching 123.69 µg/m<sup>3</sup>. High PM<sub>10</sub> causes respiratory health concerns.
- 18/01/2026, 23:59 **O<sub>3</sub> levels reach 'Very poor' category.**: O<sub>3</sub> concentration spiked, reaching up to 130.98 µg/m<sup>3</sup>, thus falling into 'Very Poor' zone based on provided thresholds. This impacts respiratory health.
- 24/01/2026, 23:59 **Improvement in air quality observed on January 24th.**: EAQI improved dramatically to 'Moderate' (179) with corresponding decrease in PM<sub>2.5</sub> (16.74 µg/m<sup>3</sup>) and PM<sub>10</sub> (31.95 µg/m<sup>3</sup>). This suggests changes impacting pollution.
- 23/01/2026, 23:59 **NO<sub>2</sub> remains relatively low despite poor air quality.**: NO<sub>2</sub> levels stayed mainly in the 'Fair' to 'Moderate' range, peaking at 51.45 µg/m<sup>3</sup>, indicating that it's not the primary driver of poor EAQI.
- 24/01/2026, 23:59 **Wind speed fluctuates, potentially affecting pollutant dispersion.**: Wind speeds varied from 1.09 m/s to 4.42 m/s. Higher wind speed on January 24th might contribute to dispersion of pollutants.
- 24/01/2026, 23:59 **SO<sub>2</sub> levels consistently within 'Good' range.**: SO<sub>2</sub> levels remained low, always within the 'Good' range, indicating it's not a significant contributor to the overall air quality issues.
- 24/01/2026, 23:59 **Temperature variations observed during data collection.**: Temperature ranged from -3.06°C to 4.62°C. While temperature may play a role, the PM levels are a bigger concern.
- 23/01/2026, 23:59 **CO concentration correlates with overall air pollution.**: CO concentrations were elevated, peaking at 794.03 ppb, which indicates a correlation with the high PM<sub>2.5</sub> and PM<sub>10</sub> levels and a general pollution problem.

## Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	EAQI AQI	NO <sub>2</sub> µg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	SO <sub>2</sub> ppb	PM <sub>2.5</sub> µg/m <sup>3</sup>	PM <sub>10</sub> µg/m <sup>3</sup>
18/01/2026, 23:59	205	14.81	66.72	4.79	26.06	48.84
19/01/2026, 23:59	245	19.17	60.6	4.02	36.03	67.95
20/01/2026, 23:59	282	21.98	55	5.47	45.52	85.26
21/01/2026, 23:59	303	24.4	58.55	6	50.41	91.83
22/01/2026, 23:59	371	27.34	50.62	8.05	67.66	123.69
23/01/2026, 23:59	352	22.22	51.56	5.45	62.81	112.69
24/01/2026, 23:59	84	15.63	62.91	3.44	16.74	31.95

# Alți parametri

Media zilnică

To Date	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM <sub>1</sub> µg/m <sup>3</sup>	PM <sub>100</sub> µg/m <sup>3</sup>	Pressure HPa	Temperature °C
18/01/2026, 23:59	1.6	161.71	100	434.29	74.46	23.58	55.31	1026.12	-2.26
19/01/2026, 23:59	1.48	119.6	100	539.61	71.03	32.87	76.93	1028.65	-1.9
20/01/2026, 23:59	1.77	67.89	100	674.89	72.92	41.19	97.63	1024.14	-0.97
21/01/2026, 23:59	1.53	73.47	100	611.81	81.31	46.77	101.47	1009.52	-3.06
22/01/2026, 23:59	1.09	66.6	100	794.03	79.8	60.51	136.89	997.22	1.17
23/01/2026, 23:59	1.75	122.53	100	674.08	79.07	57.64	122.04	996.84	3.77
24/01/2026, 23:59	4.42	154.51	100	369.52	79.97	14.92	35.87	999.31	4.62

Oizom will not be responsible for Environmental Data accuracy once Validated