

Primaria Gataia (Sala Sport)

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Gataia (Sala Sport)**
Locația dispozitivului: **Strada Înfrățirii 110, Gătaia 307185, Romania**

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



Media indicelui de calitate al aerului (ICA): **283**

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

	EAQI AQI	NO ₂ µg/m ³	O ₃ µg/m ³	SO ₂ ppb	PM _{2.5} µg/m ³	PM ₁₀ µg/m ³
Average	283	22.62	18.69	0.22	45.68	90.28
Maximum	353	26.65	25.18	0.54	63.18	123.92
Date	22/01/2026	23/01/2026	18/01/2026	23/01/2026	22/01/2026	22/01/2026
Minimum	229	14.64	11.02	0	32.06	63.39
Date	24/01/2026	18/01/2026	23/01/2026	22/01/2026	24/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

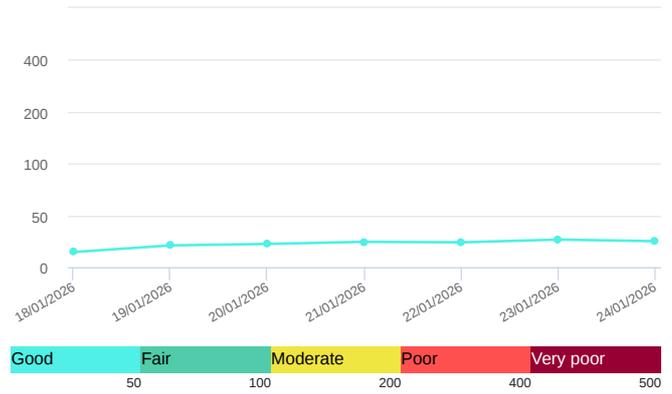
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa	Temperature °C
Average	0.88	95.31	100	764.06	73.72	41.74	99.92	1008.91	1.12
Maximum	1.9	136.77	100	936.44	77.36	56.97	136.18	1025.87	6.37
Date	24/01/2026	24/01/2026	18/01/2026	22/01/2026	21/01/2026	22/01/2026	22/01/2026	19/01/2026	24/01/2026
Minimum	0.33	181.03	100	615.83	71.4	29.17	70.36	994.12	-2.18
Date	18/01/2026	18/01/2026	18/01/2026	24/01/2026	20/01/2026	24/01/2026	24/01/2026	23/01/2026	19/01/2026

Media zilnică

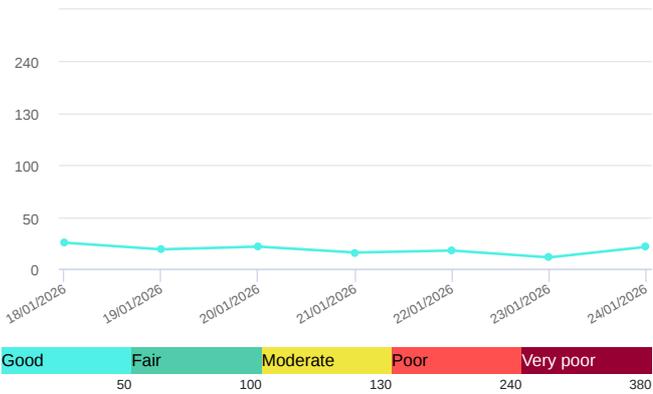
EAQI (AQI)



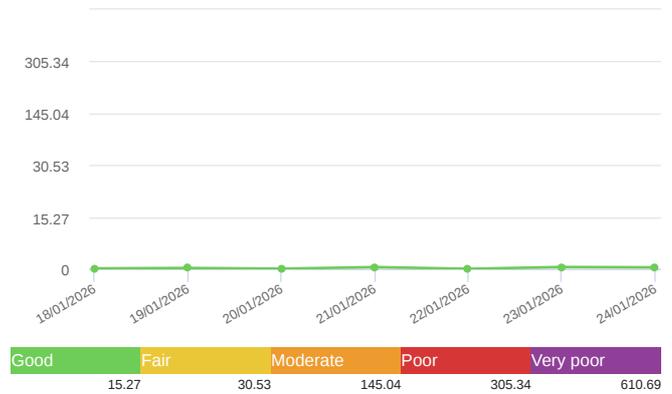
NO₂ (µg/m³)



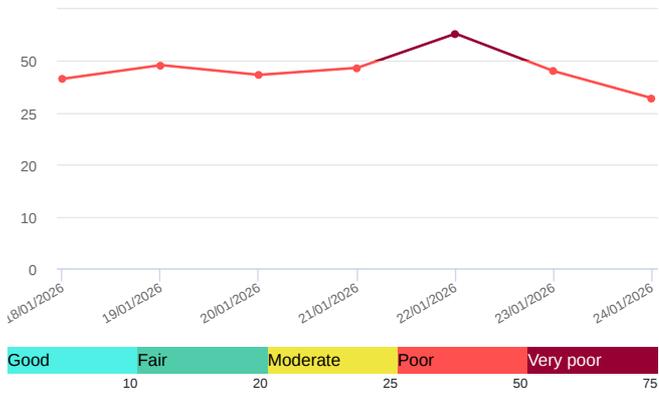
O₃ (µg/m³)



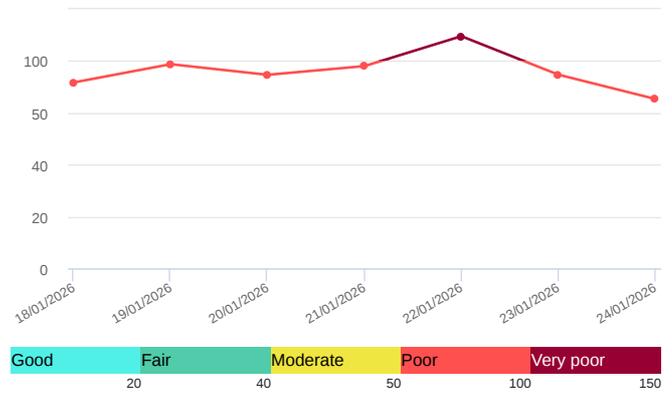
SO₂ (ppb)



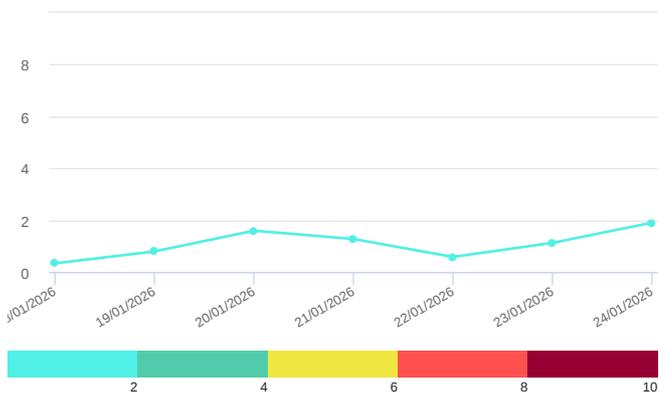
PM_{2.5} (µg/m³)



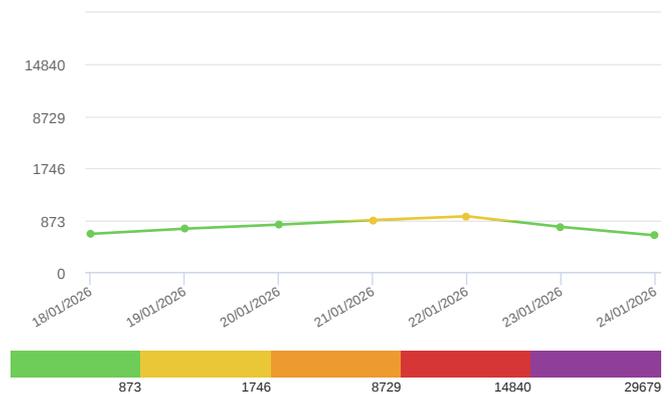
PM₁₀ (µg/m³)



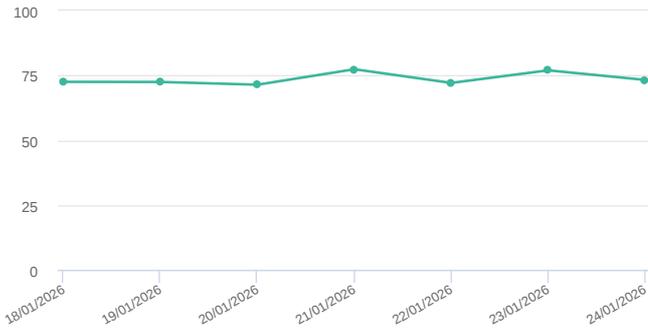
Wind Speed (m/s)



CO (ppb)



R. Humidity (%)



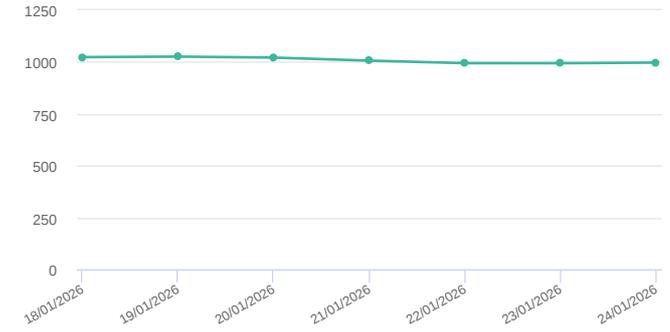
PM₁ (µg/m³)



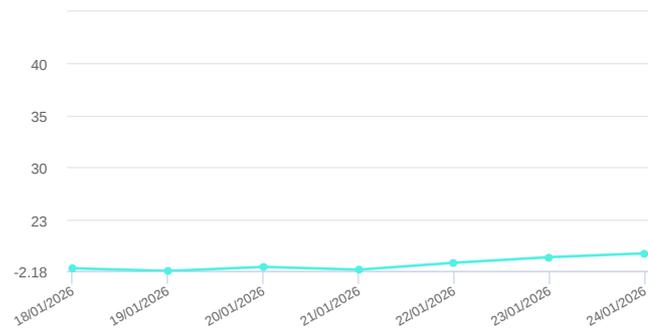
PM₁₀₀ (µg/m³)



Pressure (hPa)



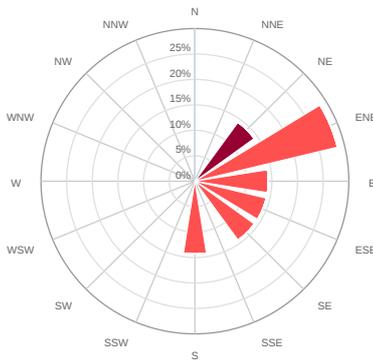
Temperature (°C)



Media zilnică

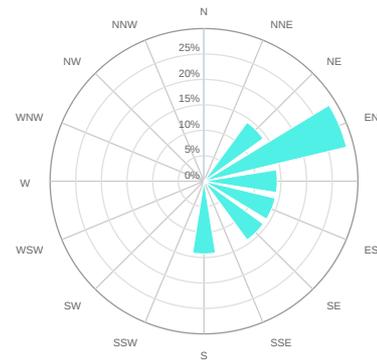
EAQI (AQI)

- > 400
- 300 - 400
- 200 - 300
- 100 - 200
- 50 - 100
- < 50



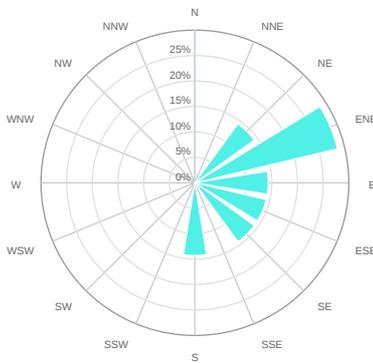
NO₂ (µg/m³)

- > 400
- 200 - 400
- 100 - 200
- 50 - 100
- < 50



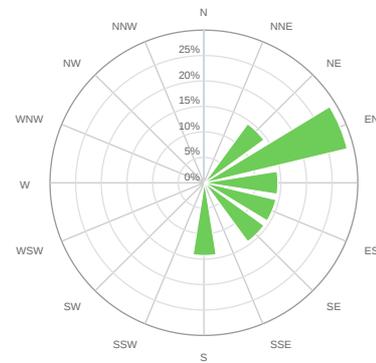
O₃ (µg/m³)

- > 240
- 130 - 240
- 100 - 130
- 50 - 100
- < 50



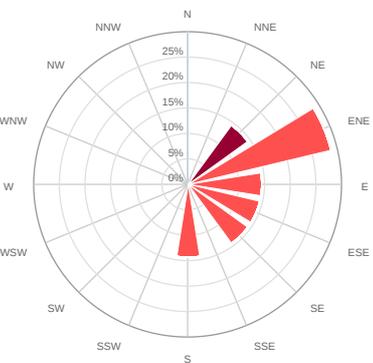
SO₂ (ppb)

- > 305.34
- 145.04 - 305.34
- 30.53 - 145.04
- 15.27 - 30.53
- < 15.27



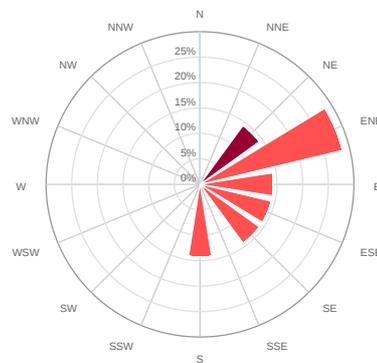
PM_{2.5} (µg/m³)

- > 50
- 25 - 50
- 20 - 25
- 10 - 20
- < 10



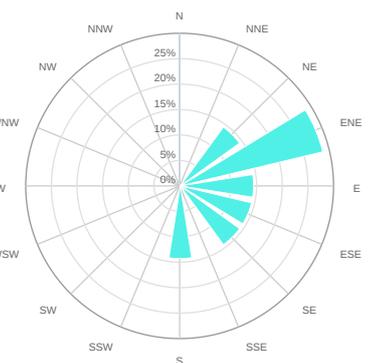
PM₁₀ (µg/m³)

- > 100
- 50 - 100
- 40 - 50
- 20 - 40
- < 20



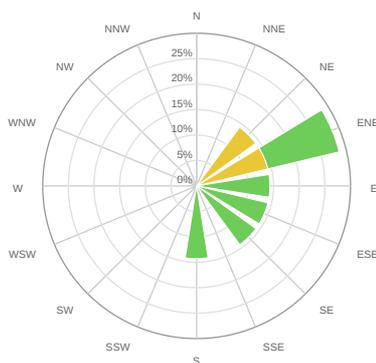
Wind Speed (m/s)

- > 8
- 6 - 8
- 4 - 6
- 2 - 4
- < 2

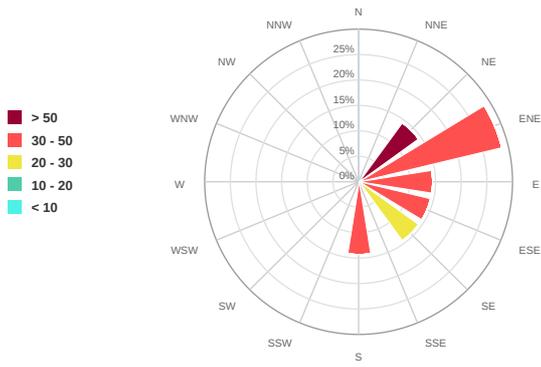


CO (ppb)

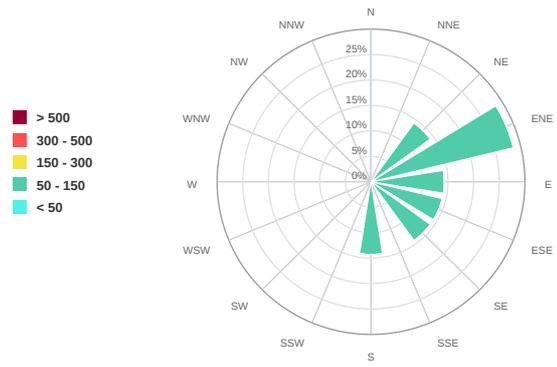
- > 14840
- 8729 - 14840
- 1746 - 8729
- 873 - 1746
- < 873



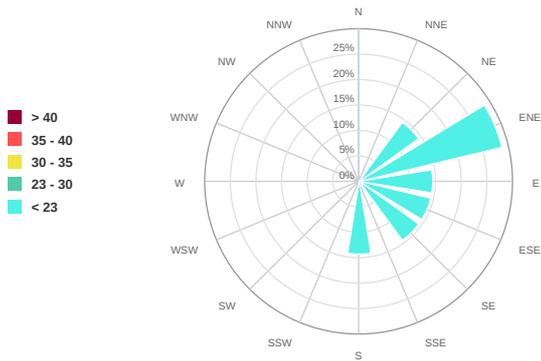
PM₁ (µg/m³)



PM₁₀₀ (µg/m³)



Temperature (°C)



Alerte

No alerts for the selected date and time range

Insights

- 24/01/2026, 23:59 **Persistent Poor Air Quality: EAQI Consistently Above Thresholds:** The EAQI consistently falls within the 'Poor' to 'Very Poor' range (229-353), indicating a sustained period of unhealthy air quality. High PM_{2.5} and PM₁₀ are major contributors to the elevated EAQI values.
- 24/01/2026, 23:59 **High PM_{2.5} Levels Drive Poor Air Quality Classification:** PM_{2.5} concentrations ranged from 32.06 to 63.18 µg/m³, frequently exceeding the 'Poor' threshold of 25.01 µg/m³. This is a key factor in the overall 'Poor' to 'Very Poor' EAQI ratings.
- 24/01/2026, 23:59 **Elevated PM₁₀ Concentrations Indicate Significant Particle Pollution:** PM₁₀ levels fluctuate from 63.39 to 123.92 µg/m³, often reaching the 'Poor' and 'Very Poor' categories. Such levels can pose respiratory health risks.
- 24/01/2026, 23:59 **Nitrogen Dioxide Levels Generally Fair to Moderate:** NO₂ concentrations range from 27.55 to 50.15 µg/m³, primarily falling within the 'Fair' to 'Moderate' zones. While not the primary driver, it contributes to overall air quality.
- 24/01/2026, 23:59 **Ozone Levels Fluctuate but Remain Mostly in Fair Range:** O₃ concentrations ranged between 21.63 and 49.43 µg/m³, placing them mostly in the 'Fair' range, with a few dips into good ranges. Not a primary contributor to the high EAQI.
- 24/01/2026, 23:59 **Sulfur Dioxide Levels Consistently Low:** SO₂ levels are consistently low, ranging from 0 to 0.54 ppb. This suggests SO₂ is not a significant contributor to the observed air quality issues.
- 22/01/2026, 23:59 **Highest EAQI Recorded on January 22nd:** The peak EAQI of 353, classified as 'Very Poor', was recorded on January 22nd. High PM_{2.5} and PM₁₀ concentrations likely contributed to this peak.
- 24/01/2026, 23:59 **Wind Speed Variation: No Obvious Correlation to Air Quality:** Wind speeds vary from 0.33 to 1.9 m/s. No clear correlation between wind speed and EAQI levels is apparent from the data, suggesting localized pollution sources dominate.
- 24/01/2026, 23:59 **Temperature Fluctuations: Limited Impact on Air Quality:** Temperatures fluctuate between -2.18°C and 6.37°C. While temperature can influence atmospheric conditions, its direct impact on EAQI within this range appears limited.
- 24/01/2026, 23:59 **Elevated CO Levels may impact air quality:** CO levels are relatively high, ranging from 615.83 to 936.44 ppb, which may also be contributing to the poor air quality.

Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	EAQI AQI	NO ₂ µg/m ³	O ₃ µg/m ³	SO ₂ ppb	PM _{2.5} µg/m ³	PM ₁₀ µg/m ³
18/01/2026, 23:59	266	14.64	25.18	0.12	41.39	79.29
19/01/2026, 23:59	294	21.03	18.77	0.24	48.01	96.88
20/01/2026, 23:59	274	22.43	21.39	0.04	43.31	86.63
21/01/2026, 23:59	290	24.49	15.72	0.5	46.69	95.06
22/01/2026, 23:59	353	23.98	17.61	0	63.18	123.92
23/01/2026, 23:59	281	26.65	11.02	0.54	45.11	86.81
24/01/2026, 23:59	229	25.11	21.13	0.42	32.06	63.39

Alți parametri

Media zilnică

To Date	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ µg/m ³	PM ₁₀₀ µg/m ³	Pressure HPa	Temperature °C
18/01/2026, 23:59	0.33	181.03	100	640.61	72.5	37.53	85.49	1023.42	-0.9
19/01/2026, 23:59	0.79	90.75	100	727.69	72.46	43.69	108	1025.87	-2.18
20/01/2026, 23:59	1.59	69.87	100	795.95	71.4	39.88	96.81	1021.15	-0.22
21/01/2026, 23:59	1.27	60.82	100	873.9	77.36	43.01	107.14	1006.5	-1.54
22/01/2026, 23:59	0.58	42.12	100	936.44	72.09	56.97	136.18	994.3	1.79
23/01/2026, 23:59	1.12	113.39	100	757.99	76.94	41.93	95.47	994.12	4.52
24/01/2026, 23:59	1.9	136.77	100	615.83	73.26	29.17	70.36	997	6.37

Oizom will not be responsible for Environmental Data accuracy once Validated