

Primaria Ghiroda

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Ghiroda**
 Locația dispozitivului: **Strada Victoria 48, Ghiroda 307200, 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): **230**

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	230	37.03	15.53	2.65	32.36	62.37
Maximum	254	43.4	21.03	2.86	38.51	75.97
Date	22/01/2026	22/01/2026	21/01/2026	18/01/2026	22/01/2026	22/01/2026
Minimum	207	24.82	10.05	2.49	26.49	50.28
Date	24/01/2026	24/01/2026	22/01/2026	22/01/2026	24/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

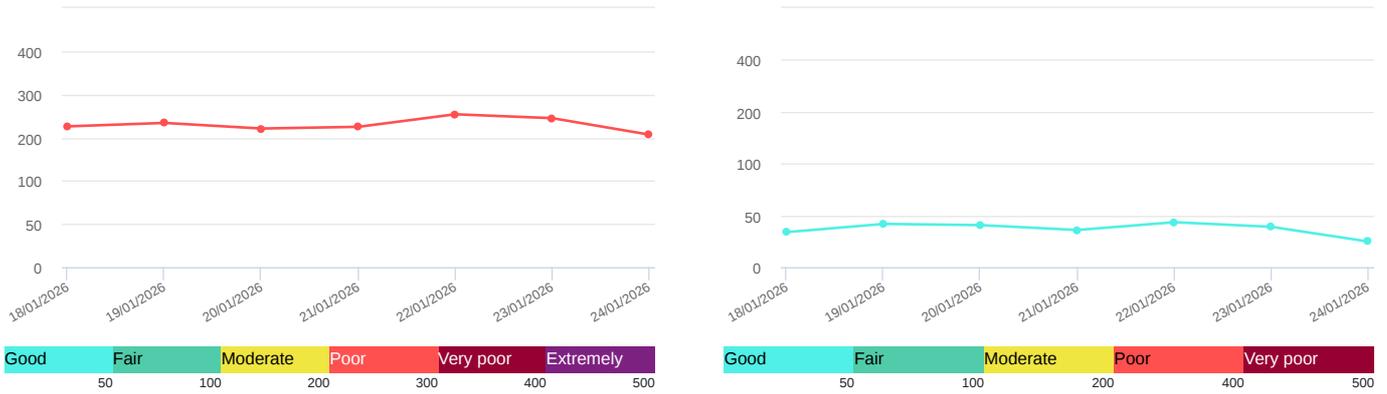
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ µg/m ³	PM ₁₀₀ µg/m ³	Pressure HPa	Temperature °C
Average	1.87	106.56	100	570.37	74.46	29.98	68.2	1010.89	0.37
Maximum	3.21	125.94	100	661.34	76.92	35.97	84.04	1027.92	5.74
Date	24/01/2026	24/01/2026	18/01/2026	22/01/2026	23/01/2026	22/01/2026	22/01/2026	19/01/2026	24/01/2026
Minimum	0.91	76.94	100	479.09	71.05	24.28	54.64	995.91	-3.54
Date	22/01/2026	22/01/2026	18/01/2026	24/01/2026	22/01/2026	24/01/2026	24/01/2026	23/01/2026	19/01/2026

Media zilnică

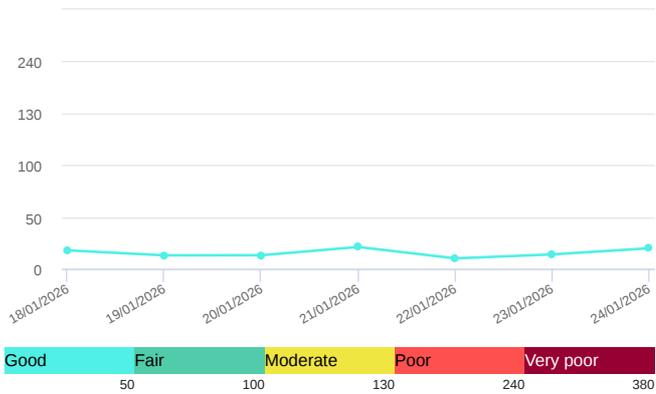
EAQI (AQI)



NO₂ (µg/m³)



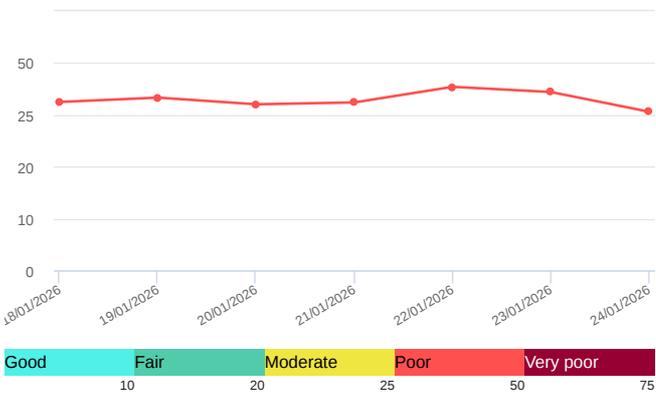
O₃ (µg/m³)



SO₂ (ppb)



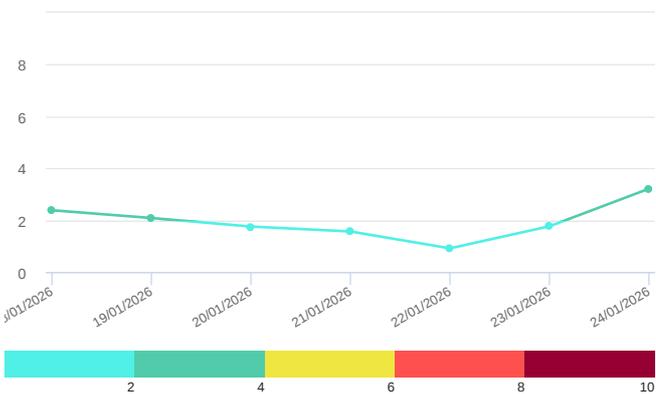
PM_{2.5} (µg/m³)



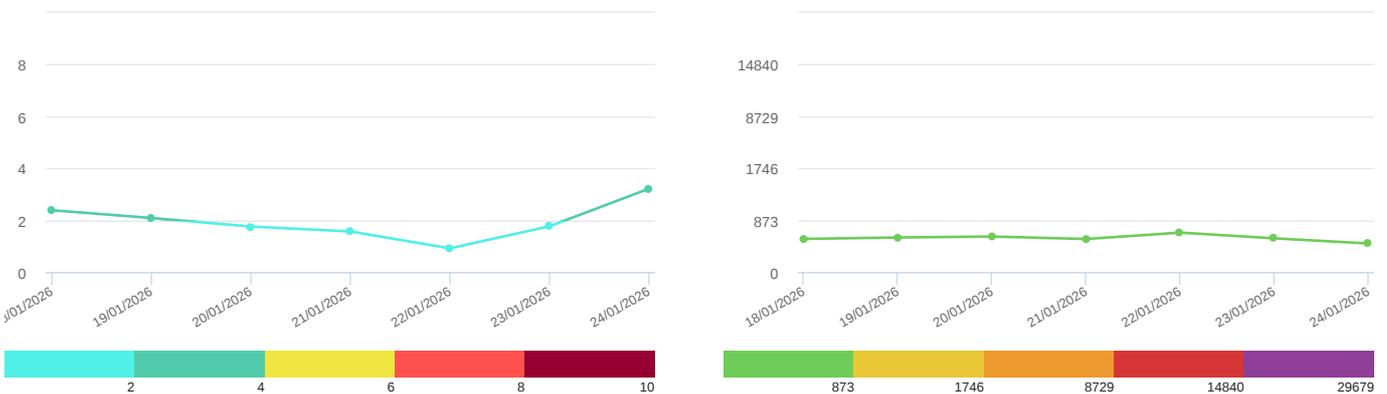
PM₁₀ (µg/m³)



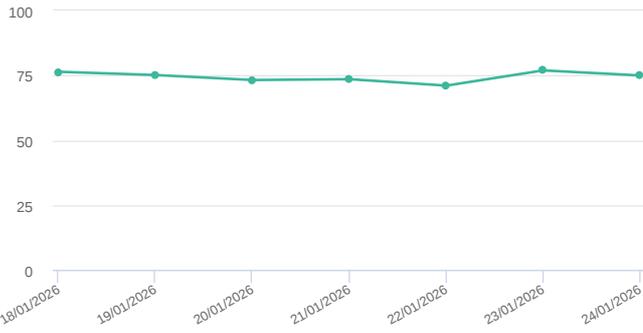
Wind Speed (m/s)



CO (ppb)



R. Humidity (%)



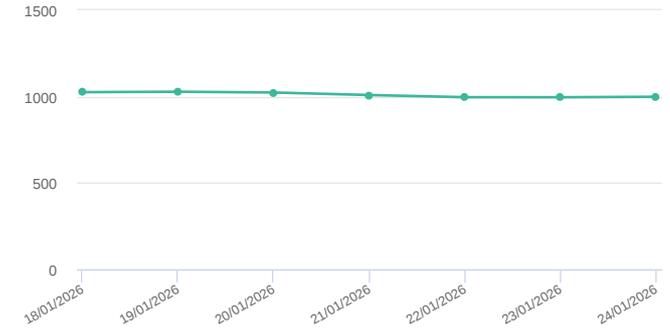
PM₁ (µg/m³)



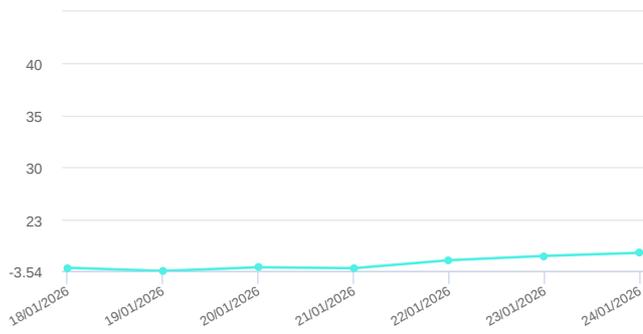
PM₁₀₀ (µg/m³)



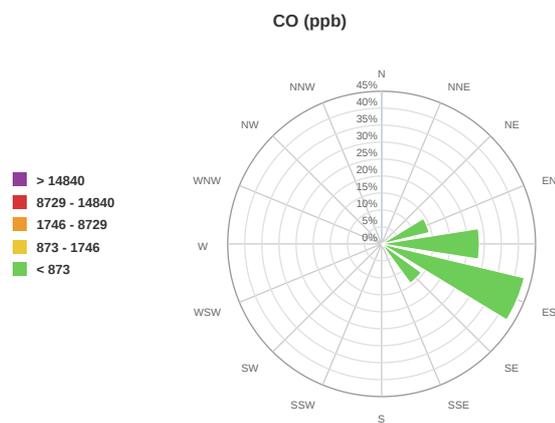
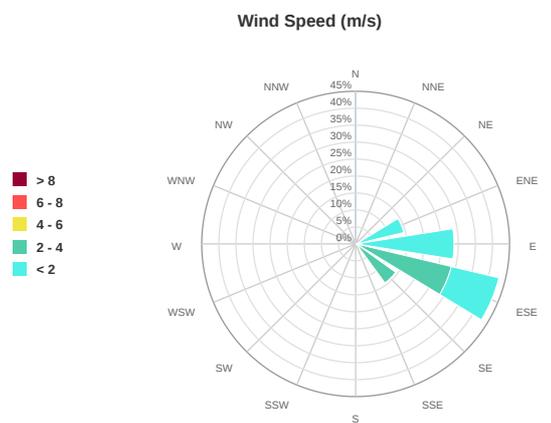
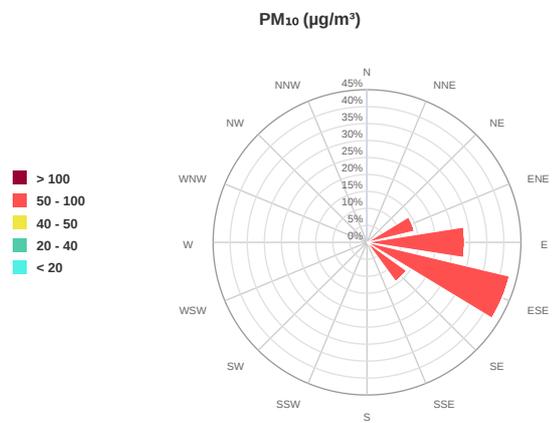
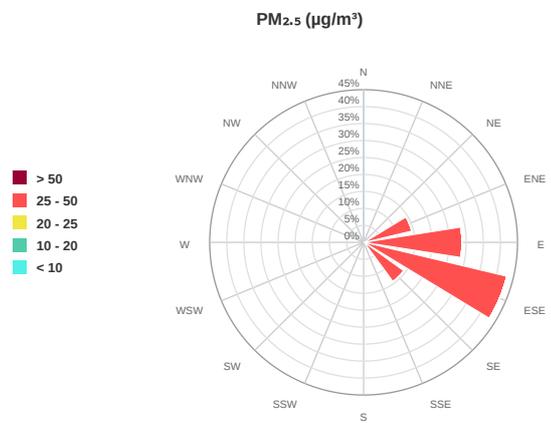
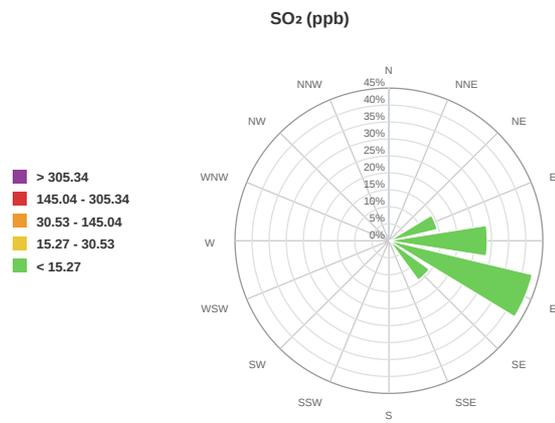
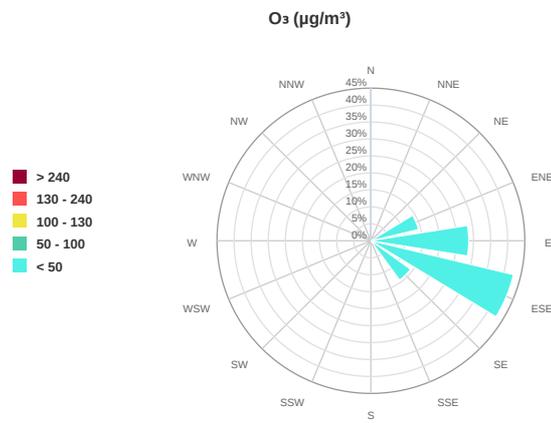
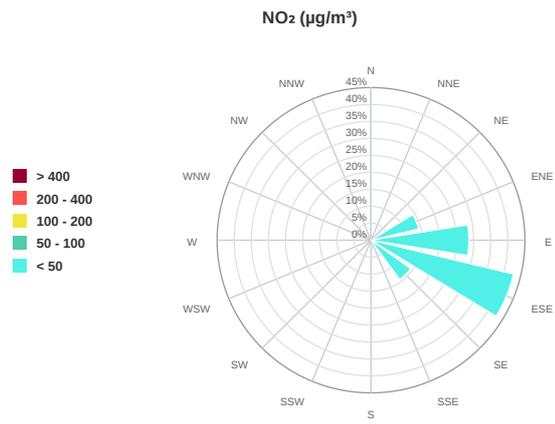
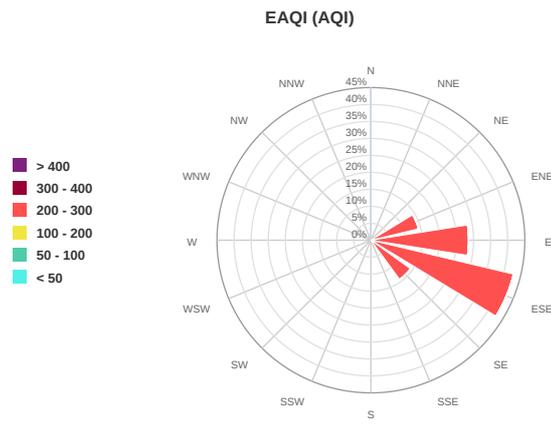
Pressure (hPa)



Temperature (°C)

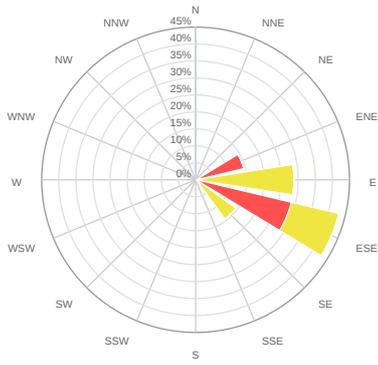


Media zilnică



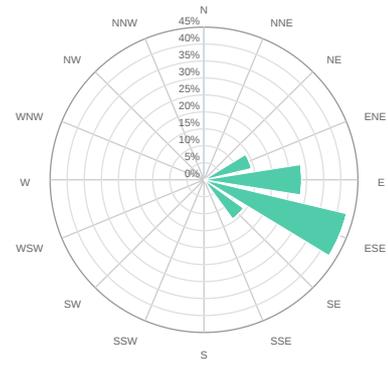
PM₁ (µg/m³)

- > 50
- 30 - 50
- 20 - 30
- 10 - 20
- < 10



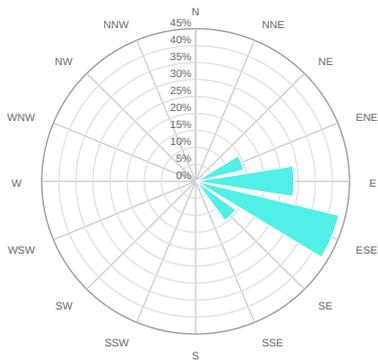
PM₁₀₀ (µg/m³)

- > 500
- 300 - 500
- 150 - 300
- 50 - 150
- < 50



Temperature (°C)

- > 40
- 35 - 40
- 30 - 35
- 23 - 30
- < 23



Alerte

No alerts for the selected date and time range

Insights

- 24/01/2026, 23:59 **Consistently Poor Air Quality Detected:** The EAQI consistently falls within the 'Poor' category, ranging from 207 to 254, indicating a sustained period of unhealthy air quality. Immediate action is required.
- 24/01/2026, 23:59 **Elevated PM_{2.5} Levels Exceeding Thresholds:** PM_{2.5} levels consistently exceed the 'Moderate' threshold (25 µg/m³) ranging from 26.49 to 38.51 µg/m³, posing respiratory health risks to the population.
- 24/01/2026, 23:59 **High PM₁₀ Concentrations Observed:** PM₁₀ concentrations are frequently in the 'Poor' zone (50.01 - 100 µg/m³), peaking at 75.97 µg/m³. This suggests potential issues with dust or industrial activity.
- 24/01/2026, 23:59 **NO₂ Levels Approaching Poor Classification:** NO₂ levels are notably high, peaking at 81.67 µg/m³, placing it in the 'Poor' classification. This pollutant requires close monitoring and control.
- 24/01/2026, 23:59 **O₃ Levels Generally within Fair to Moderate Range:** O₃ levels fluctuate within the 'Fair' to 'Moderate' range, with values between 19.73 and 41.29 µg/m³. It shows lower risk compared to PM and NO₂.
- 24/01/2026, 23:59 **SO₂ Levels Consistently Low:** SO₂ levels are consistently low, ranging from 2.49 to 2.86 ppb, falling well within the 'Good' range. This indicates effective control measures.
- 24/01/2026, 23:59 **Wind Direction Predominantly from East-Southeast:** Wind direction consistently ranges between approximately 76 to 126 degrees, suggesting a predominant wind direction from the east-southeast. This can help identify pollutant sources.
- 24/01/2026, 23:59 **Relative Humidity Remains High:** Relative humidity remains consistently high, fluctuating between 71.05% and 76.92%. This could influence the dispersion and behavior of pollutants.
- 24/01/2026, 23:59 **CO Concentrations Show High Pollution:** CO concentrations consistently exceed safe thresholds, fluctuating between 479.09 and 661.34 ppb, suggesting high pollution from combustion sources.
- 24/01/2026, 23:59 **Pressure Fluctuations Observed:** Atmospheric pressure shows some fluctuation, ranging from 995.91 to 1027.92 hPa. These pressure changes might have weak impact on pollutant dispersion.

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	226	33.84	17.82	2.86	31.21	58.71
19/01/2026, 23:59	234	41.76	12.99	2.74	33.3	66.81
20/01/2026, 23:59	221	40.58	13.11	2.51	30.07	57.98
21/01/2026, 23:59	225	35.92	21.03	2.85	30.97	59.44
22/01/2026, 23:59	254	43.4	10.05	2.49	38.51	75.97
23/01/2026, 23:59	245	38.93	13.89	2.51	36	67.4
24/01/2026, 23:59	207	24.82	19.82	2.58	26.49	50.28

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	2.38	110.55	100	555.95	76.39	28.89	63.24	1025.34	-1.91
19/01/2026, 23:59	2.08	111.04	100	579.87	75.13	30.39	74.08	1027.92	-3.54
20/01/2026, 23:59	1.75	81.75	100	596.45	73.21	27.67	63.69	1023.39	-1.65
21/01/2026, 23:59	1.56	89.42	100	554.46	73.53	28.97	65.44	1008.74	-2.13
22/01/2026, 23:59	0.91	76.94	100	661.34	71.05	35.97	84.04	996.22	1.95
23/01/2026, 23:59	1.76	114.77	100	565.44	76.92	33.68	72.24	995.91	4.16
24/01/2026, 23:59	3.21	125.94	100	479.09	74.97	24.28	54.64	998.75	5.74

Oizom will not be responsible for Environmental Data accuracy once Validated