

Primaria Giroc (Chisoda)

WEEKLY AIR-QUALITY REPORT

Timp de la: **11/01/2026, 00:00**
 Timp până la: **17/01/2026, 23:59**

Numele dispozitivului: **Primaria Giroc (Chisoda)**
 Locația dispozitivului: **Strada Oltului 2, Chișoda 307221, 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): **274**

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

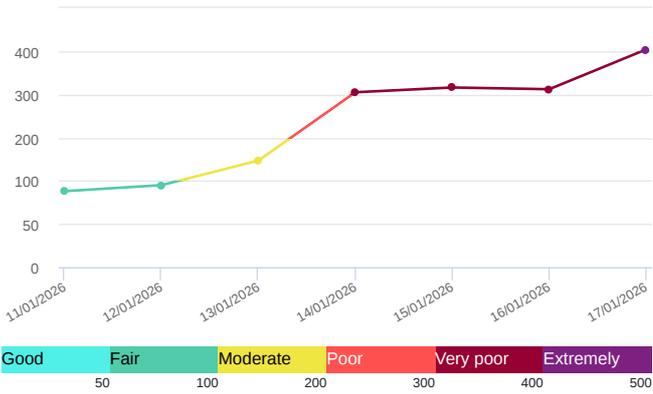
	EAQI AQI	NO ₂ μg/m ³	O ₃ μg/m ³	SO ₂ ppb	PM _{2.5} μg/m ³	PM ₁₀ μg/m ³
Average	274	42.73	57.22	0	37.52	86.65
Maximum	404	54.36	81.85	0.19	53.9	178.16
Date	17/01/2026	15/01/2026	11/01/2026	16/01/2026	15/01/2026	17/01/2026
Minimum	88	27.36	36.57	0	17.22	34.7
Date	11/01/2026	11/01/2026	15/01/2026	11/01/2026	12/01/2026	11/01/2026

Prezentare generală zilnică: Alți parametri

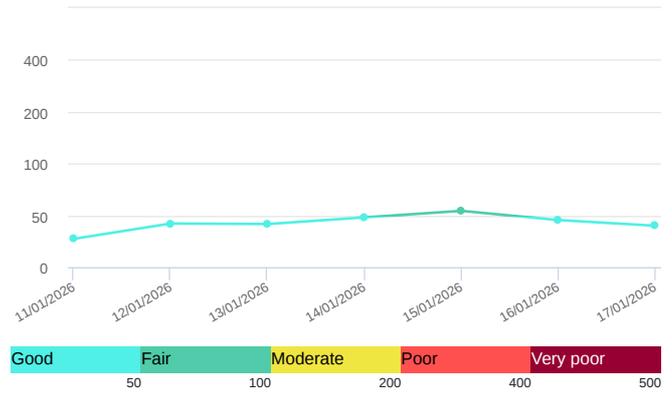
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ µg/m ³	PM ₁₀₀ µg/m ³	Pressure HPa	Temperature °C
Average	1.59	194.87	100	424.23	84.04	30.55	125.52	1013.36	-0.83
Maximum	3.77	298.86	100	621.43	92.2	50.31	365.23	1020.89	3.43
Date	11/01/2026	11/01/2026	11/01/2026	15/01/2026	16/01/2026	15/01/2026	17/01/2026	17/01/2026	15/01/2026
Minimum	1.61	174.49	100	269.42	76.03	15.35	40.99	1006.16	-7.41
Date	15/01/2026	15/01/2026	11/01/2026	11/01/2026	12/01/2026	12/01/2026	11/01/2026	11/01/2026	12/01/2026

Media zilnică

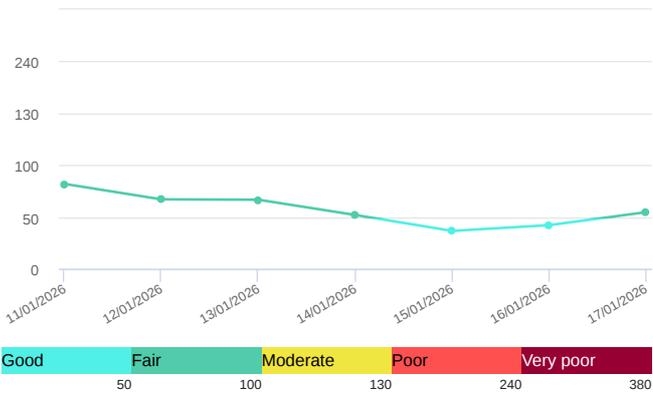
EAQI (AQI)



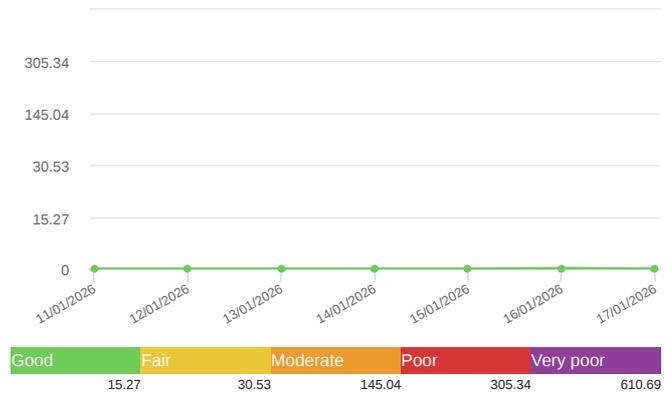
NO₂ (µg/m³)



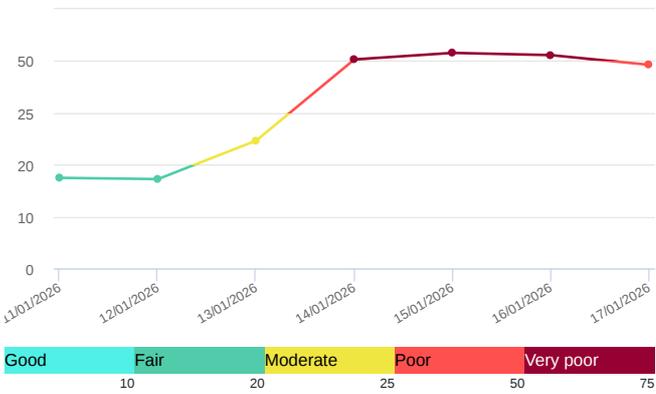
O₃ (µg/m³)



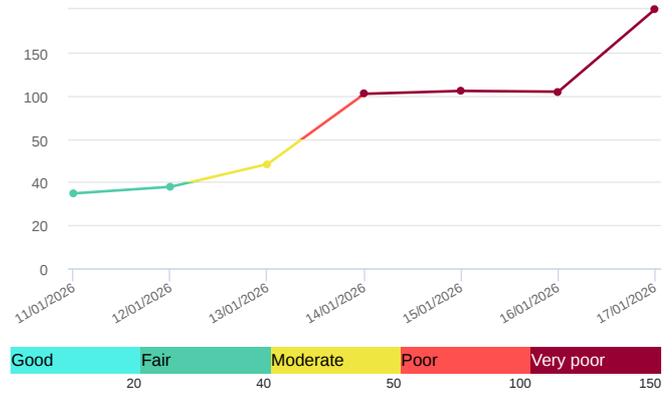
SO₂ (ppb)



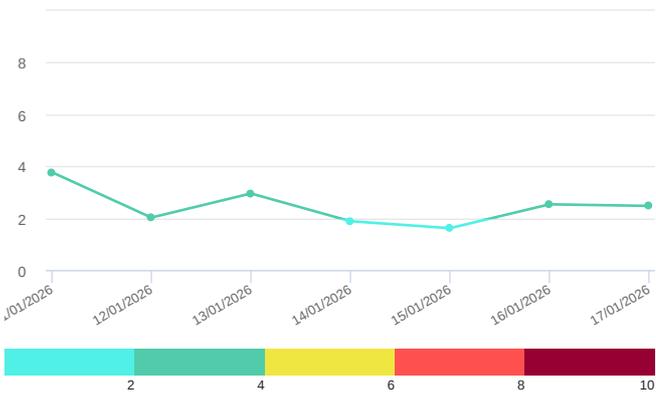
PM_{2.5} (µg/m³)



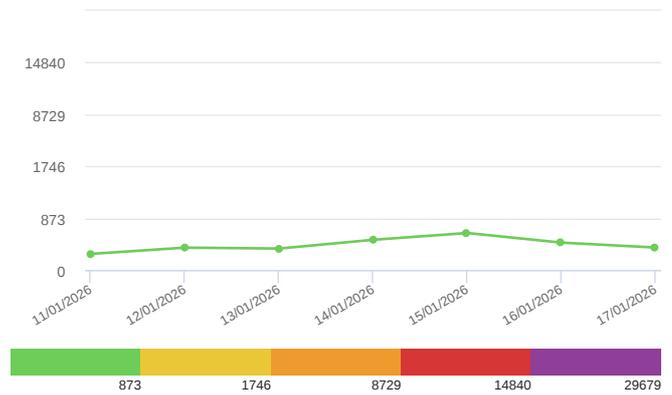
PM₁₀ (µg/m³)



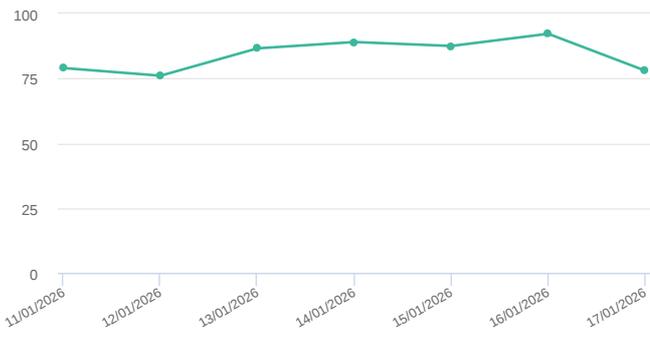
Wind Speed (m/s)



CO (ppb)



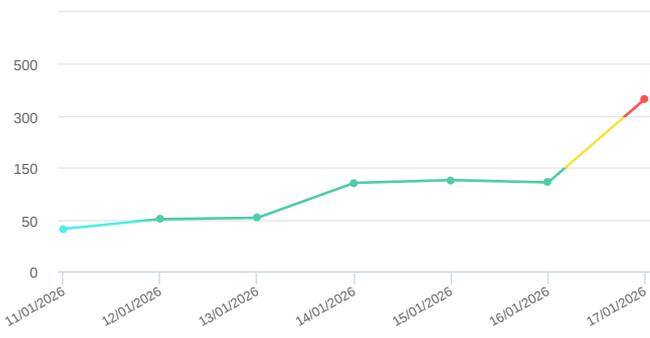
R. Humidity (%)



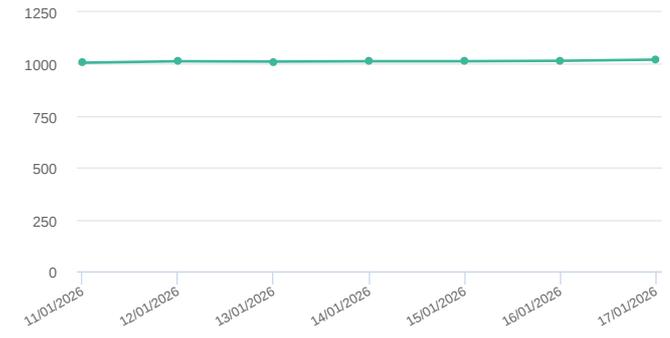
PM₁ (µg/m³)



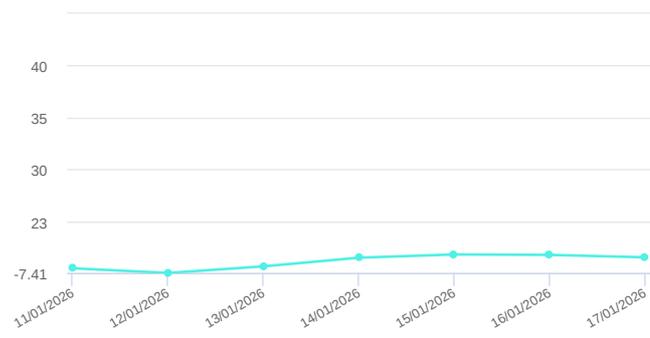
PM₁₀₀ (µg/m³)



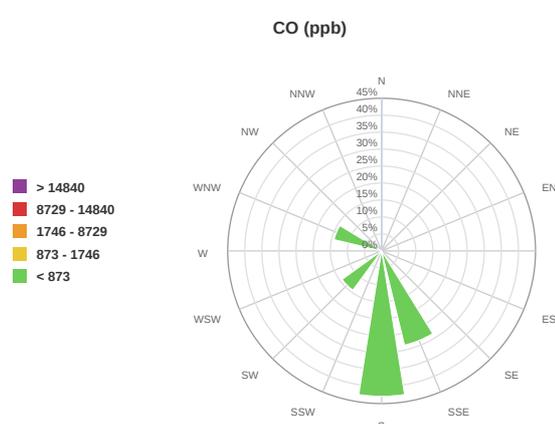
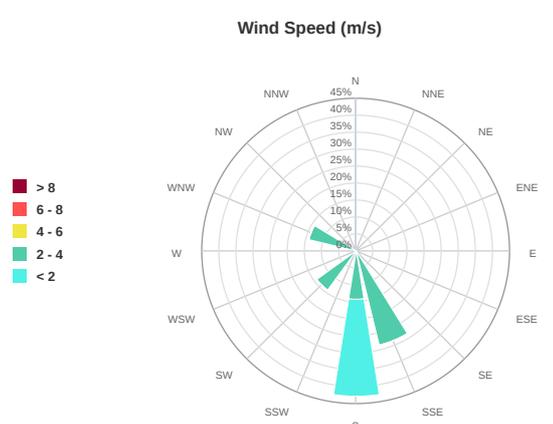
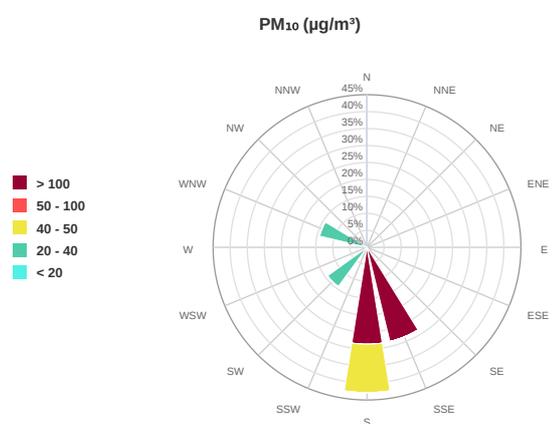
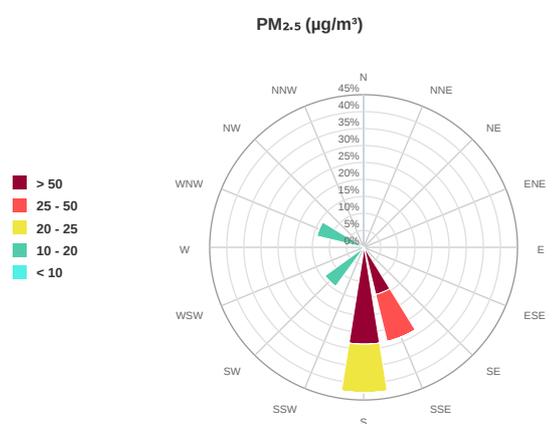
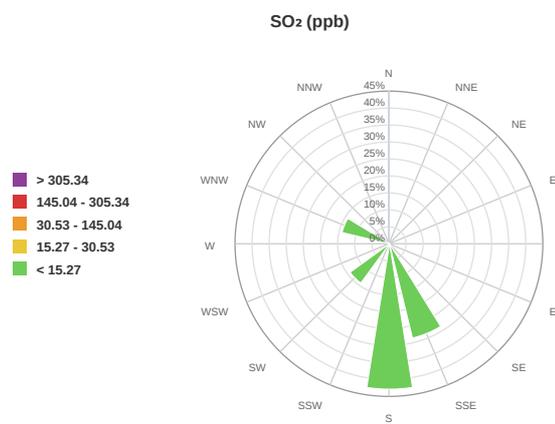
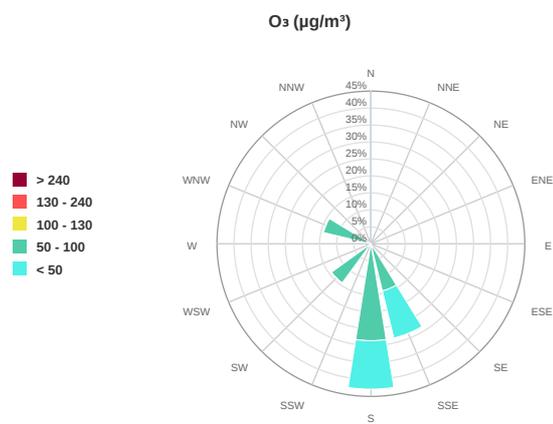
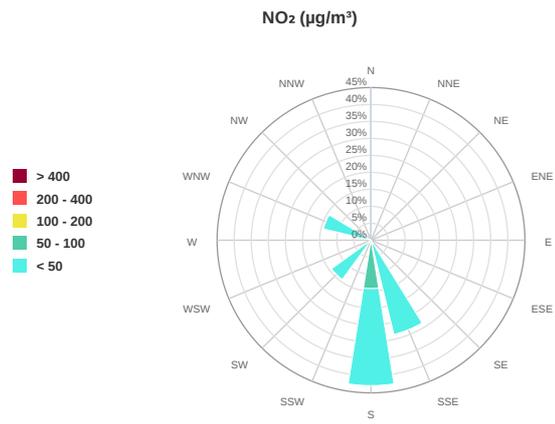
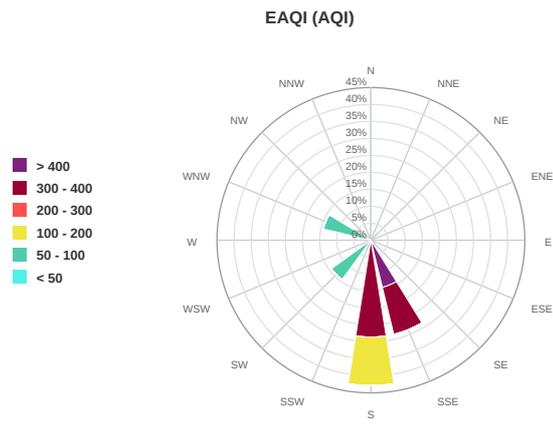
Pressure (hPa)



Temperature (°C)

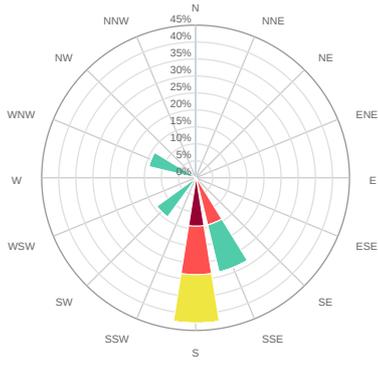


Media zilnică



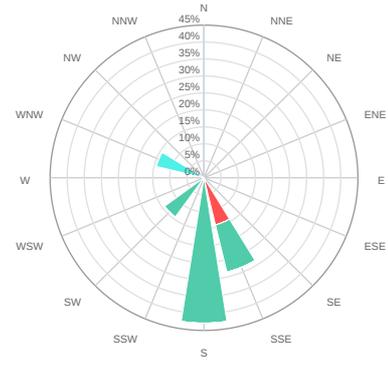
PM₁ (µg/m³)

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



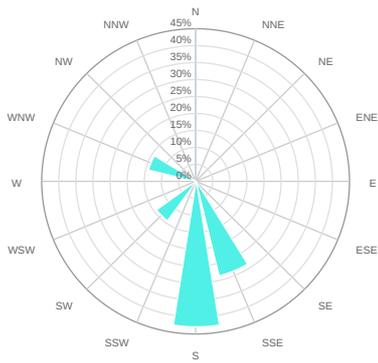
PM₁₀₀ (µg/m³)

- > 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

- 17/01/2026, 23:59 **EAQI consistently in Poor to Extremely Poor zones:** The EAQI values indicate consistently unhealthy air quality, ranging from 'Poor' to 'Extremely Poor'. Values range from 202 to 404.
- 17/01/2026, 23:59 **Elevated NO₂ levels contribute to poor air quality:** NO₂ levels exceeded 'Fair' zones, peaking at 102.29 µg/m³, contributing significantly to the 'Poor' to 'Extremely Poor' EAQI ratings.
- 17/01/2026, 23:59 **O₃ levels fluctuate but remain generally high:** O₃ levels varied, from 'Poor' to 'Very Poor' zones. The highest recorded O₃ level was 160.69 µg/m³.
- 17/01/2026, 23:59 **SO₂ levels consistently low, minimal impact:** SO₂ levels remained consistently low, near 0 ppb, thus having minimal impact on the overall EAQI.
- 17/01/2026, 23:59 **PM_{2.5} levels exceed safe limits:** PM_{2.5} concentrations were mostly in the 'Fair' to 'Poor' range (17.22 to 53.9 µg/m³), indicating significant particulate matter pollution.
- 17/01/2026, 23:59 **PM₁₀ shows poor concentrations:** PM₁₀ concentrations consistently fell within the 'Fair' to 'Very Poor' (34.7 to 178.16 µg/m³).
- 17/01/2026, 23:59 **Impact of Wind Speed on air quality?:** Wind speeds were relatively low (1.61 to 3.77 m/s). Lower wind speeds may be contributing to pollutant accumulation. A correlation cannot be made without further information.
- 17/01/2026, 23:59 **Rising PM₁₀ is correlated to extreme air quality:** Highest concentration of PM₁₀ (178.16 µg/m³) recorded alongside highest EAQI value of 404, indicating a strong correlation.
- 17/01/2026, 23:59 **CO (ppb) levels variation:** CO (ppb) fluctuates significantly, ranging from 269.42 to 621.43, further influencing air quality.
- 17/01/2026, 23:59 **Temperature's minor changes in Air quality period:** Temperature varied minimally from -7.41 to 3.43°C, suggesting temperature had a less pronounced impact on the observed air quality fluctuations compared to other pollutant concentrations.

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
11/01/2026, 23:59	88	27.36	81.85	0	17.46	34.7
12/01/2026, 23:59	95	42.13	66.94	0	17.22	37.76
13/01/2026, 23:59	147	41.67	66.58	0	22.32	44.14
14/01/2026, 23:59	305	48.07	51.9	0	50.75	102
15/01/2026, 23:59	316	54.36	36.57	0	53.9	105.36
16/01/2026, 23:59	312	45.51	42.08	0.19	52.83	104.44
17/01/2026, 23:59	404	40.01	54.59	0	48.16	178.16

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
11/01/2026, 23:59	3.77	298.86	100	269.42	78.98	15.56	40.99	1006.16	-4.7
12/01/2026, 23:59	2.02	223.69	100	374.96	76.03	15.35	50.79	1013.15	-7.41
13/01/2026, 23:59	2.95	184.31	100	359.97	86.58	20.54	53.26	1011.52	-3.54
14/01/2026, 23:59	1.88	173.18	100	507.1	89.02	45.85	120.73	1013.24	1.54
15/01/2026, 23:59	1.61	174.49	100	621.43	87.5	50.31	126.05	1013.26	3.43
16/01/2026, 23:59	2.53	161.89	100	459.78	92.2	46.93	121.56	1015.33	3.16
17/01/2026, 23:59	2.47	158.54	100	376.97	78	19.35	365.23	1020.89	1.74

Oizom will not be responsible for Environmental Data accuracy once Validated