

Primaria Sanmihaiu Roman

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Sanmihaiu Roman**
 Locația dispozitivului: **DJ591C 81a, Sânmihaiu Român 307382, 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): **255**

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	255	40.61	65.75	0.13	36.53	77.05
Maximum	368	49.28	75.09	0.95	54.72	133.75
Date	18/01/2026	23/01/2026	18/01/2026	24/01/2026	18/01/2026	18/01/2026
Minimum	72	27.68	58.57	0	13.87	26.81
Date	24/01/2026	24/01/2026	23/01/2026	21/01/2026	24/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

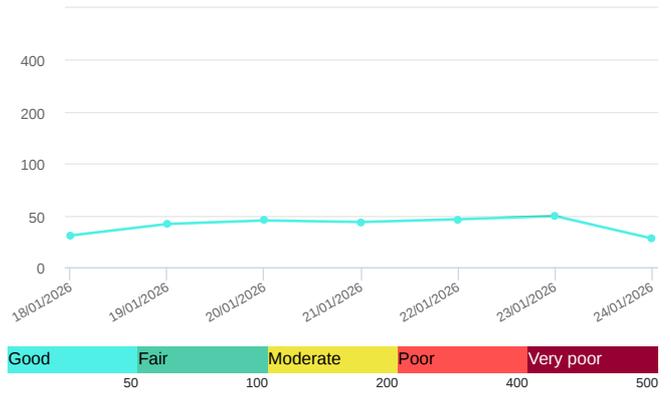
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa	Temperature °C
Average	1.55	121.3	100	540.76	79.8	29.81	95.3	1012.01	-0.32
Maximum	4.42	154.44	100	677.39	86.05	38.93	188.12	1029.08	4.82
Date	24/01/2026	24/01/2026	18/01/2026	22/01/2026	18/01/2026	19/01/2026	18/01/2026	19/01/2026	24/01/2026
Minimum	1.09	66.73	100	353.63	76.14	12.42	31.21	997.01	-3.76
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

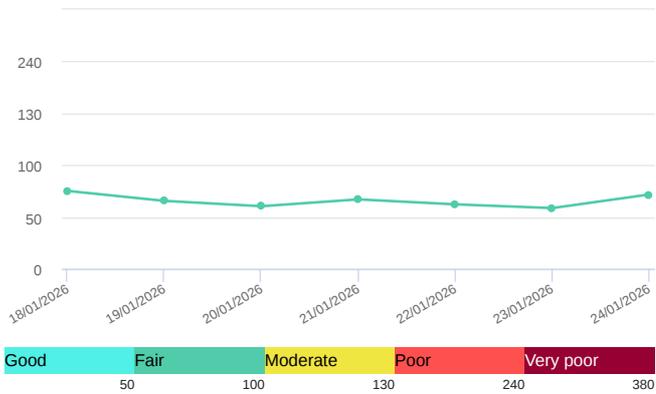
EAQI (AQI)



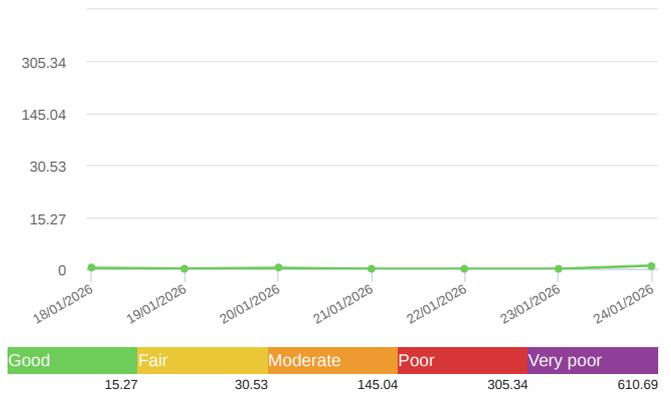
NO₂ (µg/m³)



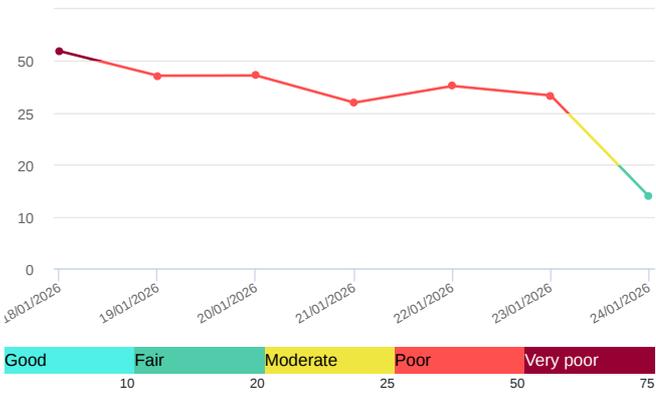
O₃ (µg/m³)



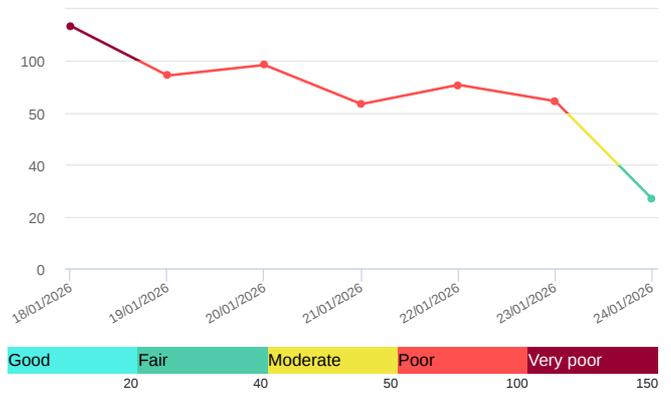
SO₂ (ppb)



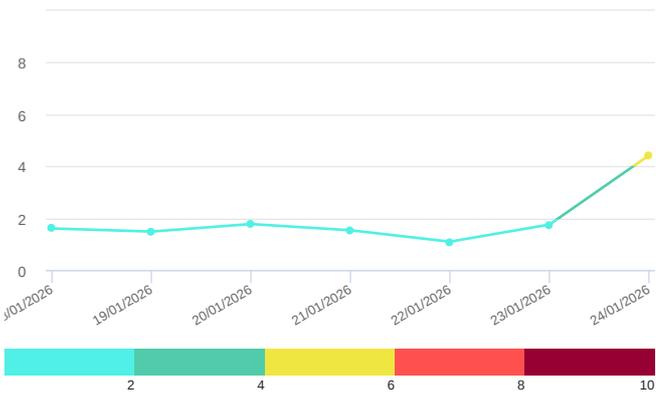
PM_{2.5} (µg/m³)



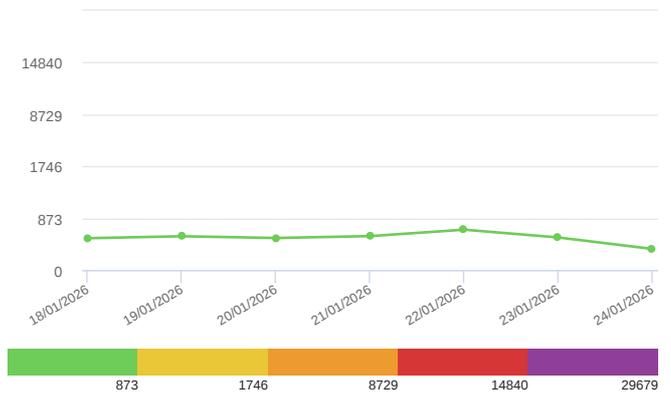
PM₁₀ (µg/m³)



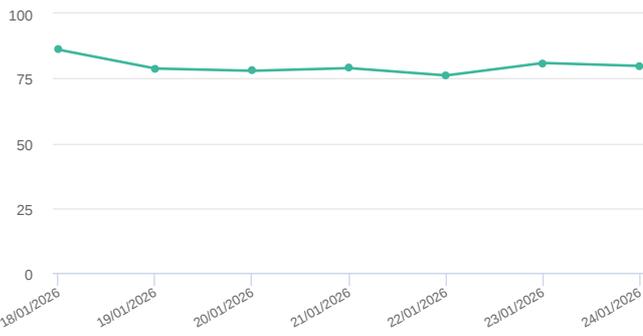
Wind Speed (m/s)



CO (ppb)



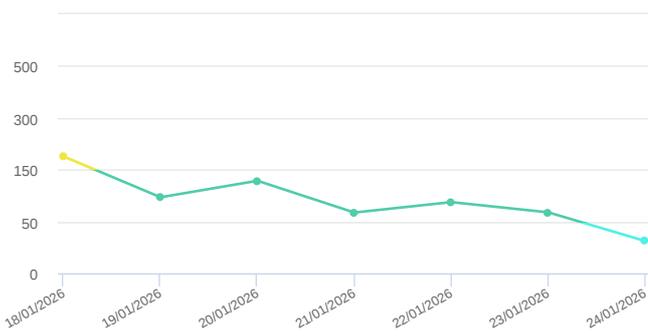
R. Humidity (%)



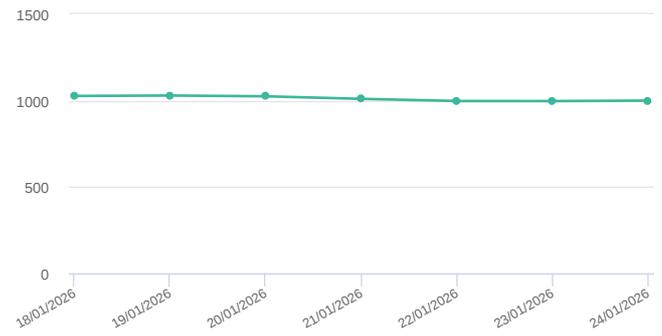
PM₁ (µg/m³)



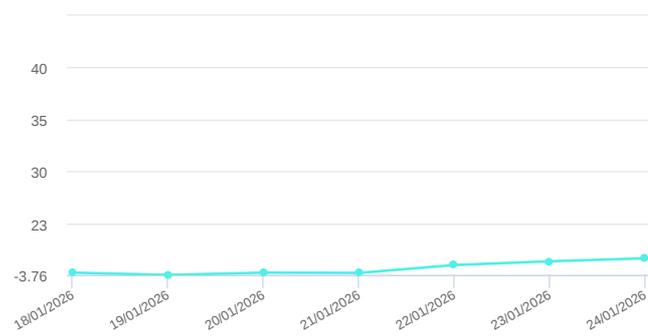
PM₁₀₀ (µg/m³)



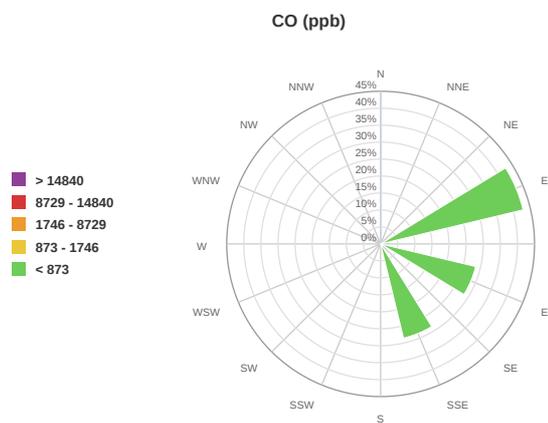
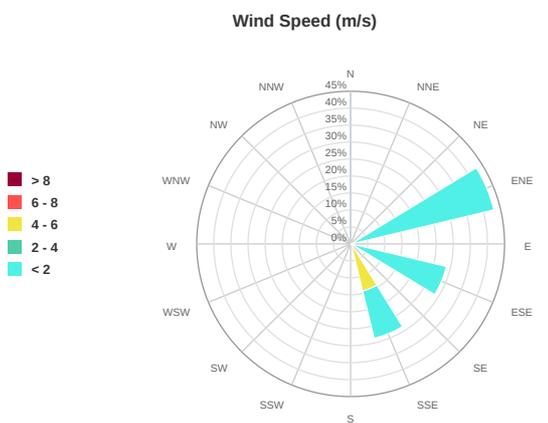
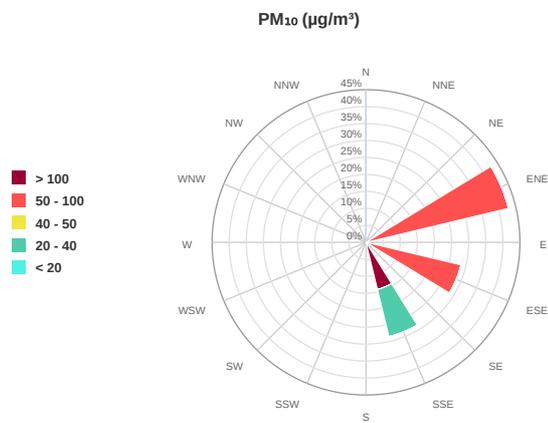
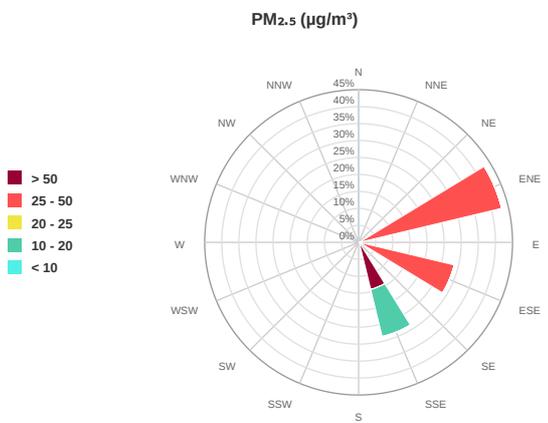
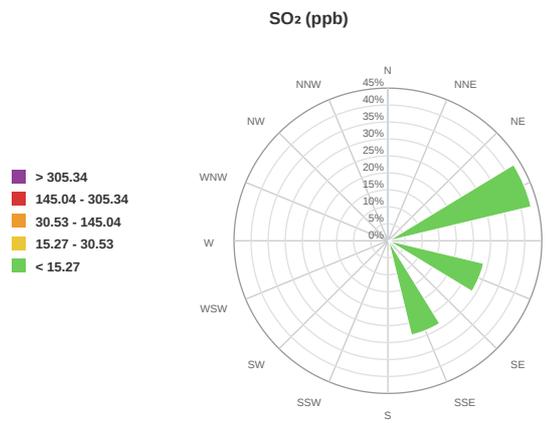
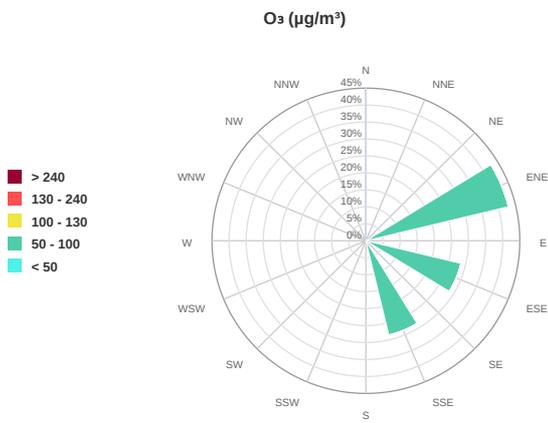
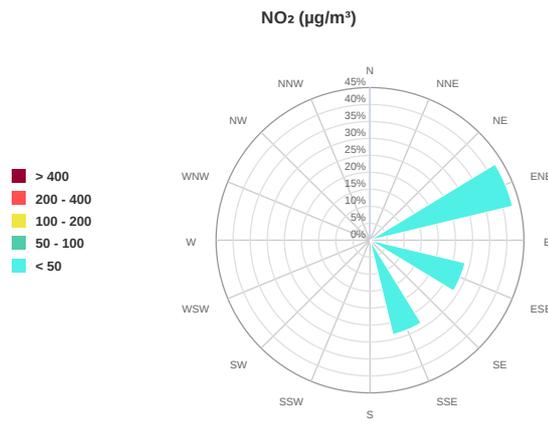
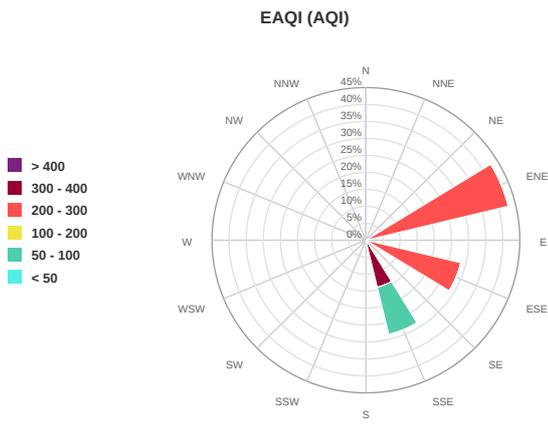
Pressure (hPa)



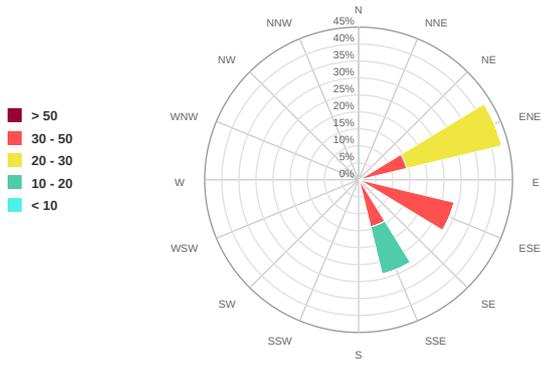
Temperature (°C)



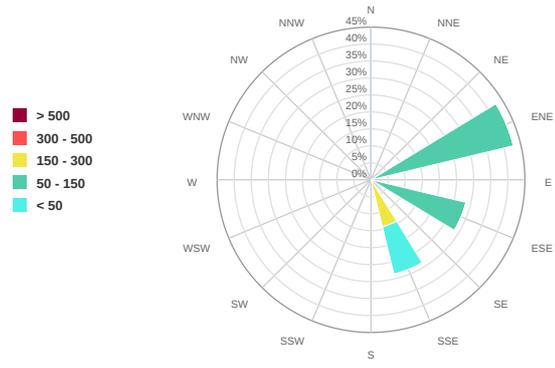
Media zilnică



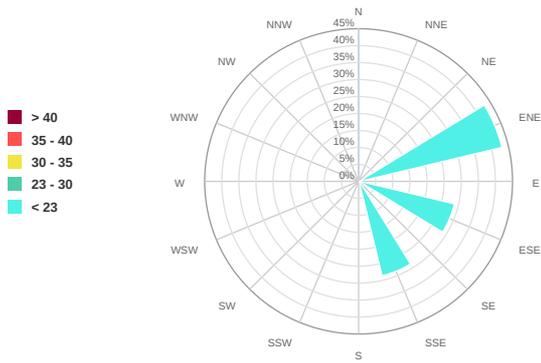
PM₁ (µg/m³)



PM₁₀₀ (µg/m³)



Temperature (°C)



Alerte

No alerts for the selected date and time range

Insights

- 24/01/2026, 23:59 **Dominance of Poor Air Quality Conditions:** The EAQI consistently falls within the 'Poor' to 'Very Poor' range, exceeding 200 for the majority of the recorded days. High PM_{2.5} and PM₁₀ contribute significantly.
- 18/01/2026, 23:59 **Elevated PM_{2.5} Levels Impacting Air Quality:** PM_{2.5} levels frequently reside in 'Poor' to 'Very Poor' zones. Concentration reaching 54.72 µg/m³ impacting the overall EAQI.
- 18/01/2026, 23:59 **PM₁₀ Concentrations Reflect Poor Air Quality:** PM₁₀ concentrations consistently fall within 'Poor' and 'Very Poor' categories. The highest recorded PM₁₀ is 133.75 µg/m³.
- 23/01/2026, 23:59 **Nitrogen Dioxide Levels are elevated above safe limits:** NO₂ levels are mostly within 'Moderate' and 'Poor' zone. The highest observed level is 92.73 µg/m³, potentially contributing to respiratory issues.
- 18/01/2026, 23:59 **Ozone levels reach very poor conditions:** O₃ levels fluctuate, exceeding the 'Poor' threshold on multiple days. A maximum of 147.42 µg/m³ was recorded. This can trigger health issues.
- 24/01/2026, 23:59 **Sulfur Dioxide Levels are relatively low:** SO₂ levels remain relatively low, primarily in the 'Good' zone. They don't substantially contribute to the overall poor air quality.
- 24/01/2026, 23:59 **Wind Speed Correlation with Air Quality:** Wind speeds fluctuate between 1.09 and 4.42 m/s. Higher wind speeds appear to slightly improve air quality by dispersing pollutants, but remain poor.
- 24/01/2026, 23:59 **Temperature impact on Air Quality:** Temperatures range from -3.76 to 4.82 °C. No significant correlation can be identified between temperature fluctuations and air quality from this data.
- 24/01/2026, 23:59 **Pressure fluctuations and Air Quality:** Atmospheric pressure varies, ranging from 997.01 to 1029.08 hPa. There's no definitive trend linking pressure and EAQI levels in the short period.
- 24/01/2026, 23:59 **Humidity levels show a high moisture level:** The humidity is quite high, ranging from 76.14% to 86.05%. No clear linkage between humidity and the high values of PM_{2.5} can be derived from data.

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	368	30.66	75.09	0.27	54.72	133.75
19/01/2026, 23:59	272	41.76	65.48	0.08	42.89	85.96
20/01/2026, 23:59	292	45.1	60.36	0.26	43	96.17
21/01/2026, 23:59	220	43.58	66.94	0	29.92	58.44
22/01/2026, 23:59	254	46.24	62.15	0	37.95	77.02
23/01/2026, 23:59	234	49.28	58.57	0	33.37	61.23
24/01/2026, 23:59	72	27.68	71.64	0.95	13.87	26.81

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	1.6	161.77	100	533.85	86.05	33.46	188.12	1026.58	-2.58
19/01/2026, 23:59	1.48	119.43	100	566.81	78.8	38.93	96.82	1029.08	-3.76
20/01/2026, 23:59	1.77	68.06	100	537.91	77.92	29.61	128.63	1024.51	-2.59
21/01/2026, 23:59	1.53	73.16	100	569.56	78.96	27.95	67.26	1009.81	-2.72
22/01/2026, 23:59	1.09	66.73	100	677.39	76.14	35.26	87.41	997.39	1.34
23/01/2026, 23:59	1.75	122.41	100	546.18	80.93	31.03	67.67	997.01	3.28
24/01/2026, 23:59	4.42	154.44	100	353.63	79.8	12.42	31.21	999.68	4.82

Oizom will not be responsible for Environmental Data accuracy once Validated