

Primaria Sanmihaiu Roman

WEEKLY AIR-QUALITY REPORT

Timp de la: **10/05/2026, 00:00**
Timp până la: **17/05/2026, 00:00**

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

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

Primaria Sanmihaiu Roman
DJ591C 81a, Sânmihaiu Român
307382, Romania



Media indicelui de calitate al aerului (ICA): **34**

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

	CAQI AQI	PM ₁₀ μg/m ³	PM _{2.5} μg/m ³	NO ₂ μg/m ³	O ₃ μg/m ³
Average	34	17.62	5.87	30.85	78.88
Maximum	35	23.09	8.83	34.14	81.37
Date	13/05/2026	11/05/2026	10/05/2026	16/05/2026	13/05/2026
Minimum	31	13.05	3.8	26.4	73.26
Date	16/05/2026	12/05/2026	12/05/2026	10/05/2026	16/05/2026

The data shown above is based on Media zilnică .

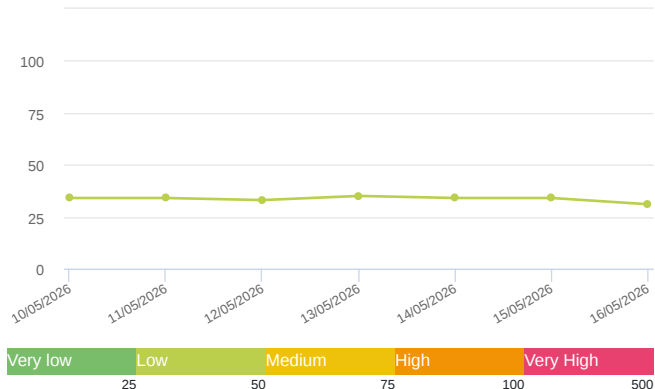
Prezentare generală zilnică: Alți parametri

	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO ₂ ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa
Average	262.98	16.91	1.79	203.06	100	0	66.85	4.55	27.01	997.97
Maximum	283.63	20.36	5.25	298.18	100	0	76.59	7.61	32.82	1005.65
Date	11/05/2026	10/05/2026	13/05/2026	13/05/2026	10/05/2026	10/05/2026	16/05/2026	10/05/2026	10/05/2026	10/05/2026
Minimum	244.86	11.99	1.61	168.6	100	0	58.98	2.68	21.18	992.38
Date	13/05/2026	13/05/2026	10/05/2026	10/05/2026	10/05/2026	10/05/2026	14/05/2026	12/05/2026	12/05/2026	16/05/2026

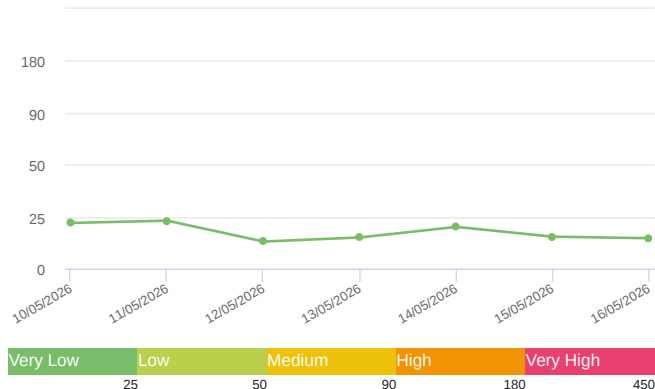
The data shown above is based on Media zilnică .

Media zilnică

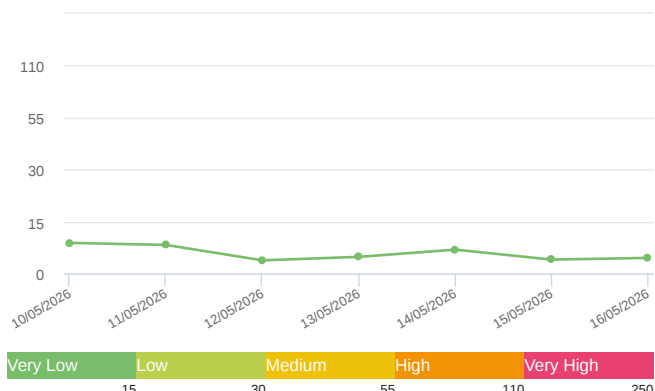
CAQI (AQI)



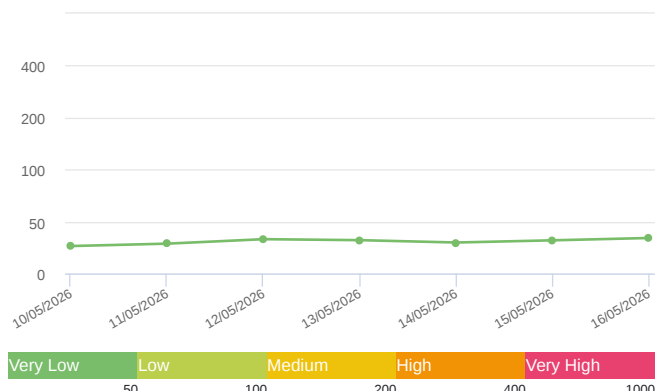
PM₁₀ (μg/m³)



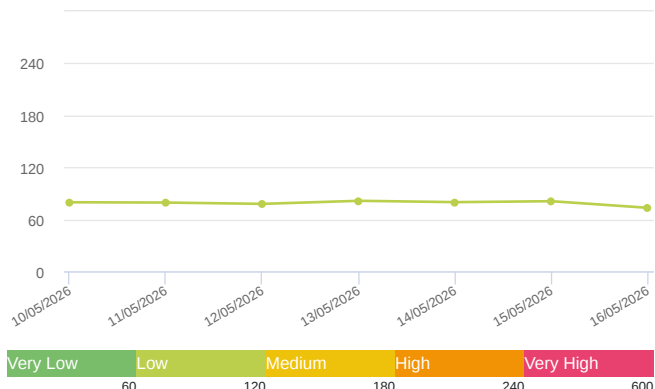
PM_{2.5} (μg/m³)



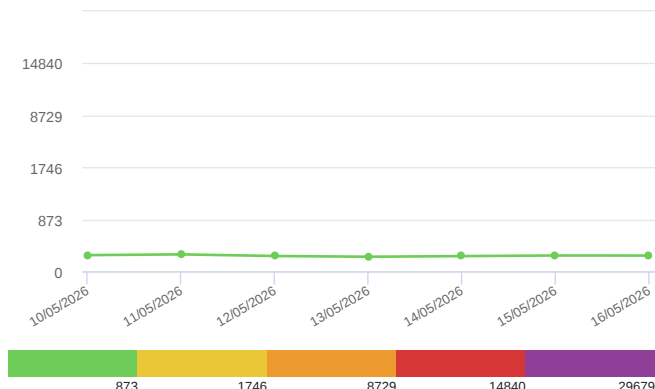
NO₂ (μg/m³)



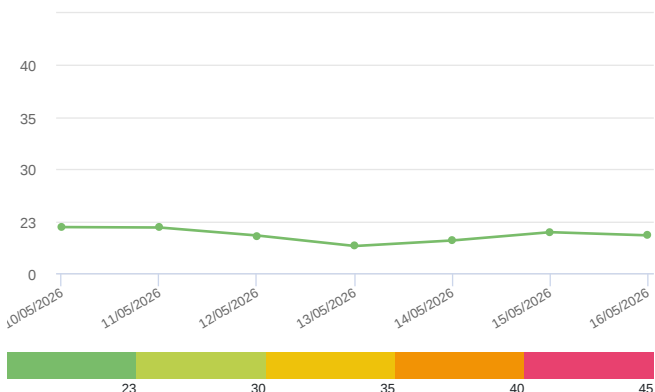
O₃ (μg/m³)



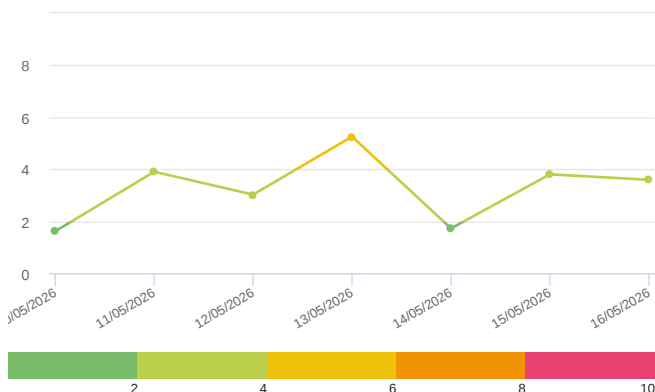
CO (ppb)



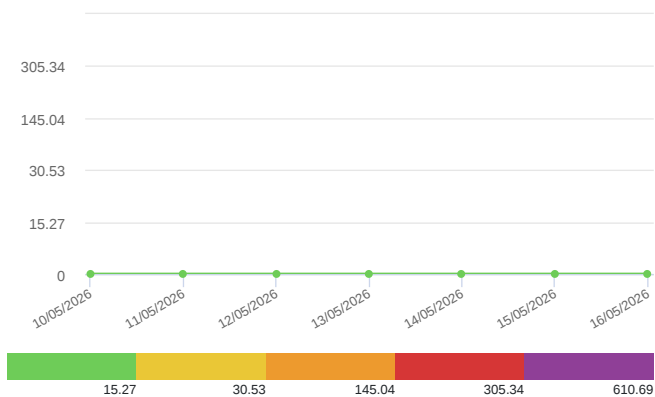
Temperature (°C)



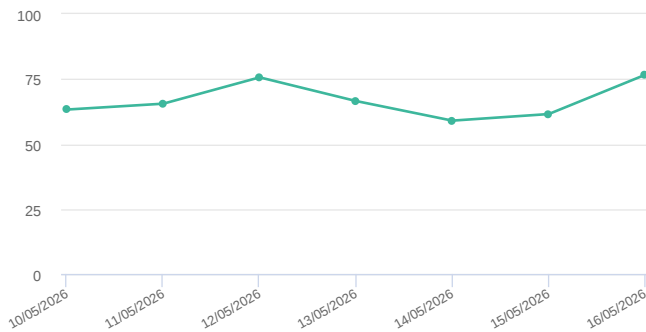
Wind Speed (m/s)



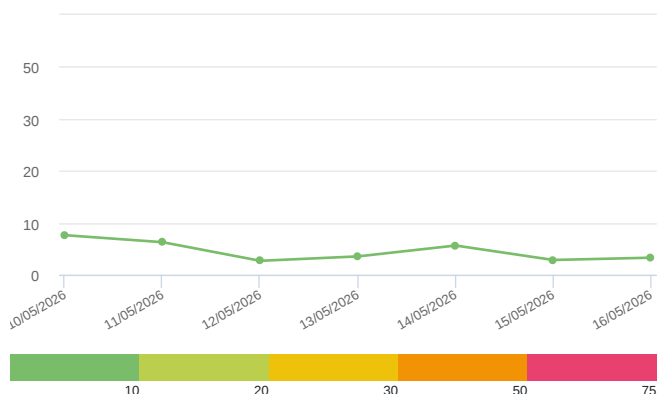
SO₂ (ppb)



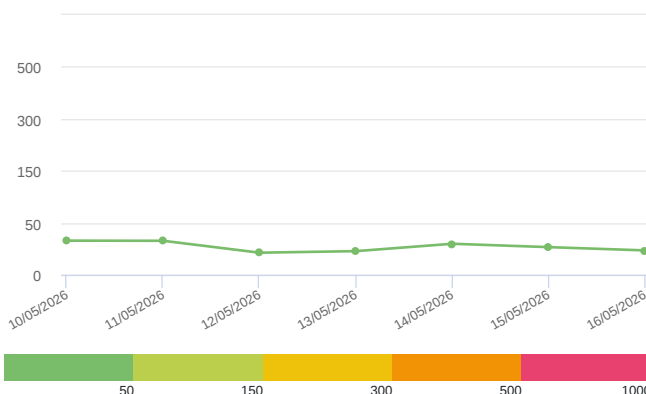
R. Humidity (%)



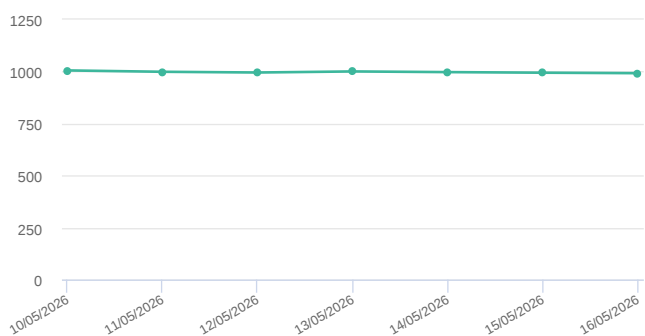
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



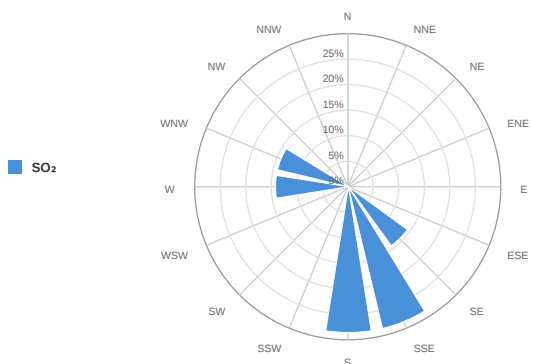
Pressure (hPa)



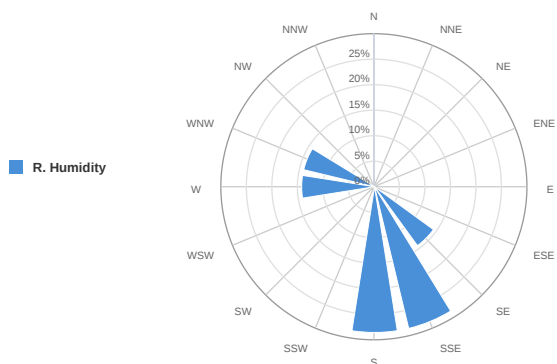
Media zilnică



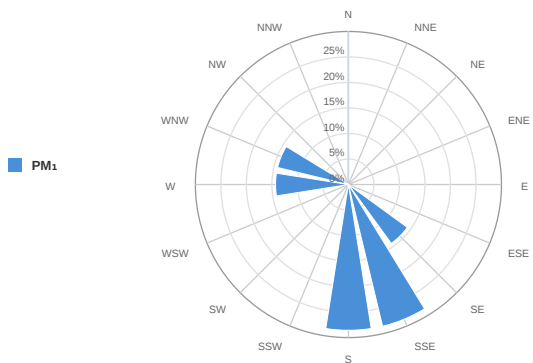
SO₂ (ppb)



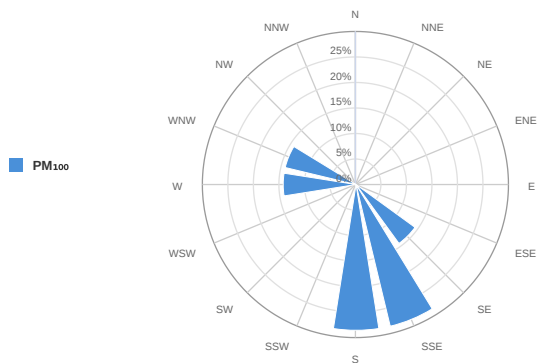
R. Humidity (%)



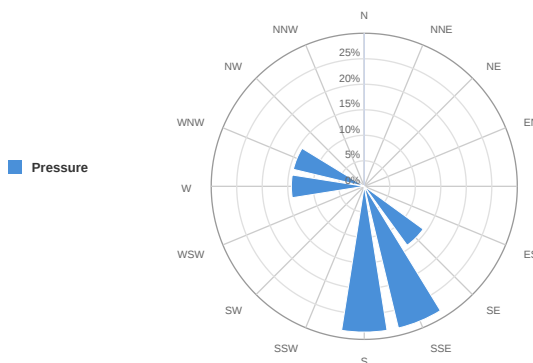
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (hPa)



Alerte

No alerts for the selected date and time range

Insights

- 16/05/2026, 23:59 **Consistent Medium Air Quality Index Readings:** The CAQI consistently falls within the 'Medium' range (61-67) throughout the recorded period, indicating a moderate level of air pollution.
- 16/05/2026, 23:59 **Ozone Levels Consistently Very High:** Ozone (O₃) levels are consistently in the 'Very High' zone, ranging from 143.82 to 159.74 μg/m³, potentially posing a health risk.
- 16/05/2026, 23:59 **Nitrogen Dioxide Primarily in Medium Air Quality:** NO₂ levels fluctuate primarily in the 'Medium' range (49.68 to 64.24 μg/m³), suggesting a consistent source of nitrogen dioxide.
- 16/05/2026, 23:59 **PM_{2.5} Levels Show Low Air Quality:** PM_{2.5} levels remain in the 'Low' to 'Very Low' range (3.8 to 8.83 μg/m³), indicating relatively good fine particulate matter conditions.
- 16/05/2026, 23:59 **PM₁₀ Levels are Primarily Low Air Quality:** PM₁₀ concentrations generally fall within the 'Low' range (13.05 to 23.09 μg/m³), suggesting acceptable coarse particulate matter levels.
- 13/05/2026, 23:59 **Wind Speed Variation Impact on PM₁₀:** Higher wind speeds (5.25 m/s on May 13) correlate with slightly increased PM₁₀ levels (15.02 μg/m³) compared to lower wind speeds.
- 16/05/2026, 23:59 **Pressure Fluctuations Show Minimal Impact:** Pressure varies between 992.38 and 1005.65 hPa, but no significant impact on air quality parameters is immediately apparent.
- 16/05/2026, 23:59 **Temperature and Humidity Range Present:** The temperature range is 11.99 to 20.36 °C, and relative humidity is between 58.98 and 76.59%. These are normal spring conditions.
- 16/05/2026, 23:59 **No SO₂ Detected During Timeframe:** Sulfur dioxide (SO₂) levels are consistently reported as 0 ppb throughout the entire observation period, indicating no immediate concern.
- 16/05/2026, 23:59 **CO (ppb) Variation Minimal Impact:** CO varies between 244.86 and 283.63 ppb, indicating acceptable Carbon Monoxide levels. No impacts observed.

Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	CAQI AQI	PM ₁₀ μg/m ³	PM _{2.5} μg/m ³	NO ₂ μg/m ³	O ₃ μg/m ³
10/05/2026, 23:59	34	22.01	8.83	26.4	79.67
11/05/2026, 23:59	34	23.09	8.24	28.69	79.34
12/05/2026, 23:59	33	13.05	3.8	32.98	77.83
13/05/2026, 23:59	35	15.02	4.8	32.05	81.37
14/05/2026, 23:59	34	20.1	6.88	29.79	79.8
15/05/2026, 23:59	34	15.39	4.01	31.89	80.91
16/05/2026, 23:59	31	14.66	4.5	34.14	73.26

Alți parametri

Media zilnică

To Date	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO ₂ ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa
10/05/2026, 23:59	271.57	20.36	1.61	168.6	100	0	63.24	7.61	32.82	1005.65
11/05/2026, 23:59	283.63	20.16	3.9	182.75	100	0	65.5	6.26	32.63	999.14
12/05/2026, 23:59	256.82	16.63	3.02	270.54	100	0	75.63	2.68	21.18	995.61
13/05/2026, 23:59	244.86	11.99	5.25	298.18	100	0	66.53	3.53	22.71	1000.78
14/05/2026, 23:59	254.74	14.45	1.72	143.88	100	0	58.98	5.62	29.79	997.53
15/05/2026, 23:59	265.49	18.1	3.8	173.45	100	0	61.51	2.84	26.53	994.7
16/05/2026, 23:59	263.77	16.7	3.59	161.32	100	0	76.59	3.28	23.42	992.38

Oizom will not be responsible for Environmental Data accuracy once Validated