

Primaria Ortisoara

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Ortisoara**
Locația dispozitivului: **DN69 258/A, Orțișoara 307305, Romania**

Parametrii: **PM₁₀ , PM_{2.5} , Temperature , Wind Speed , Wind Direction , R. Humidity , PM₁ , PM₁₀₀**

Primaria Ortisoara
DN69 258/A, Orțișoara 307305,
Romania



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

	PM ₁₀ μg/m ³	PM _{2.5} μg/m ³
Average	21.39	6.14
Maximum	27.35	7.22
Date	11/05/2026	11/05/2026
Minimum	17.23	4.81
Date	16/05/2026	16/05/2026

The data shown above is based on Media zilnică .

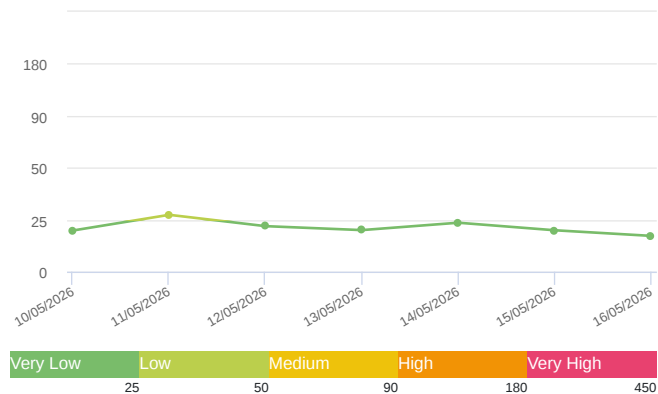
Prezentare generală zilnică: Alți parametri

	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³
Average	18.05	1.57	199.97	100	62.4	4.44	35.53
Maximum	21.14	5.33	304.74	100	71.92	5.6	44.08
Date	10/05/2026	13/05/2026	13/05/2026	10/05/2026	12/05/2026	10/05/2026	11/05/2026
Minimum	12.45	1.62	136.28	100	54.47	3.18	28.83
Date	13/05/2026	10/05/2026	10/05/2026	10/05/2026	14/05/2026	16/05/2026	16/05/2026

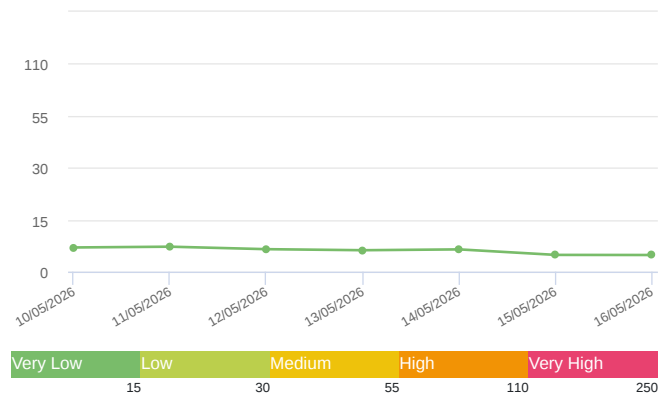
The data shown above is based on Media zilnică .

Media zilnică

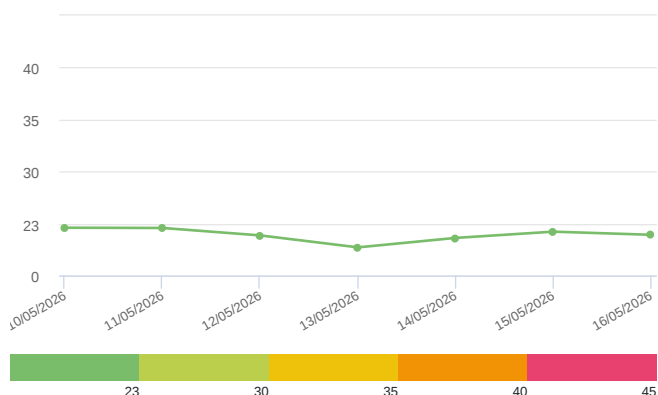
PM₁₀ (μg/m³)



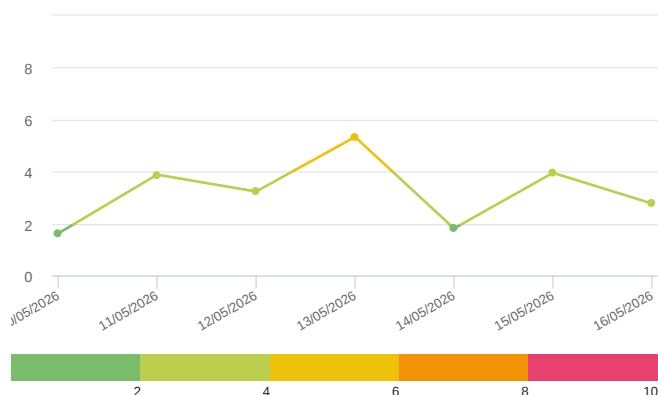
PM_{2.5} (μg/m³)



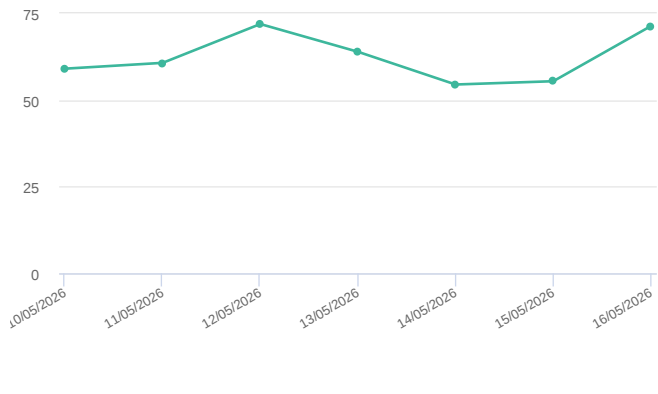
Temperature (°C)



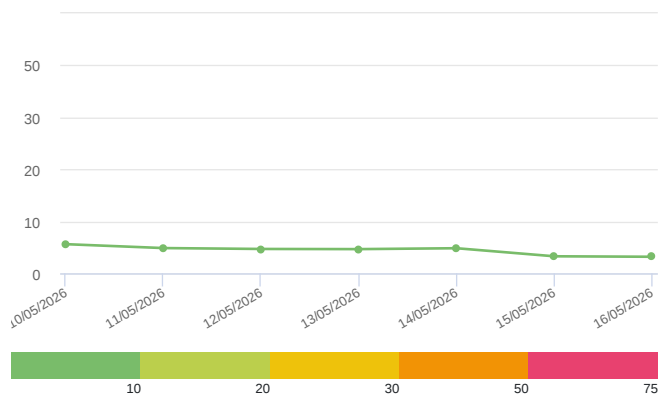
Wind Speed (m/s)



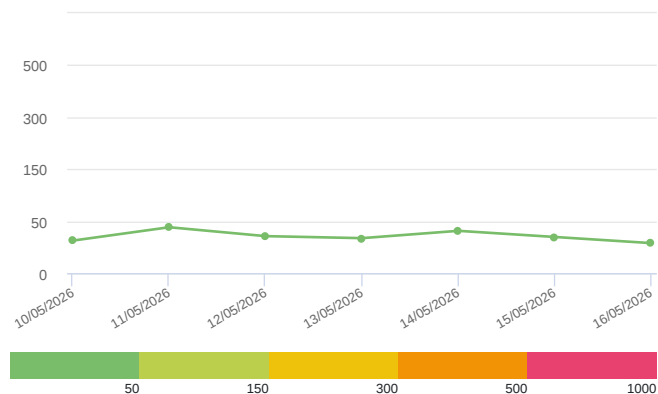
R. Humidity (%)



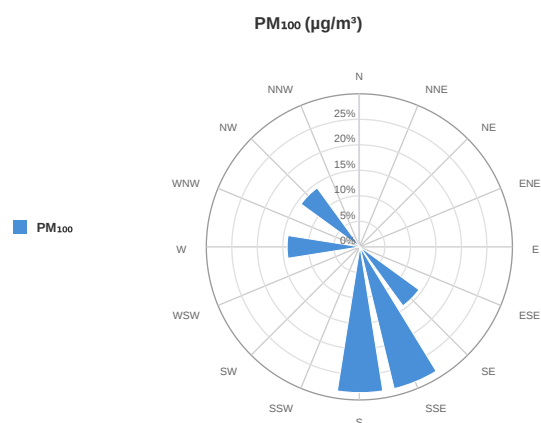
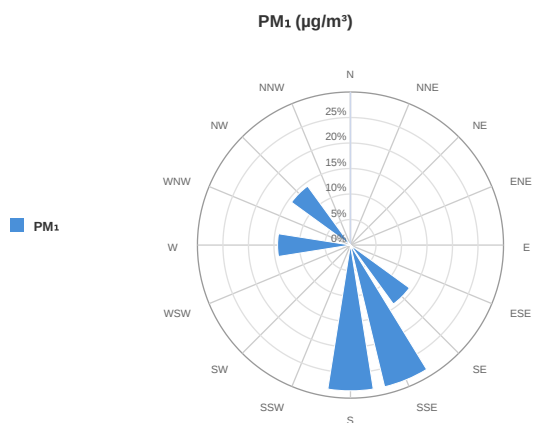
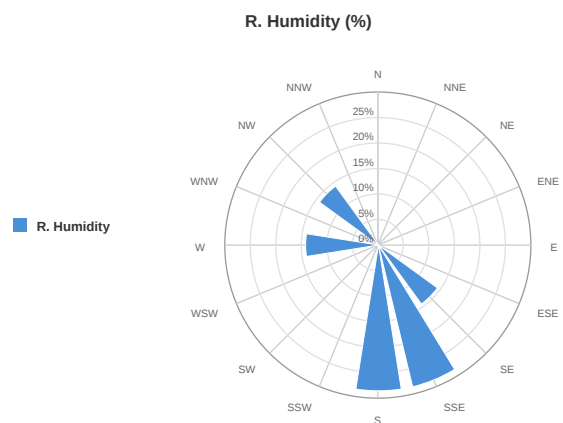
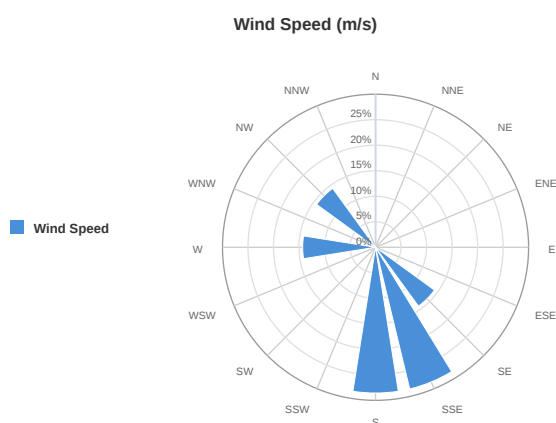
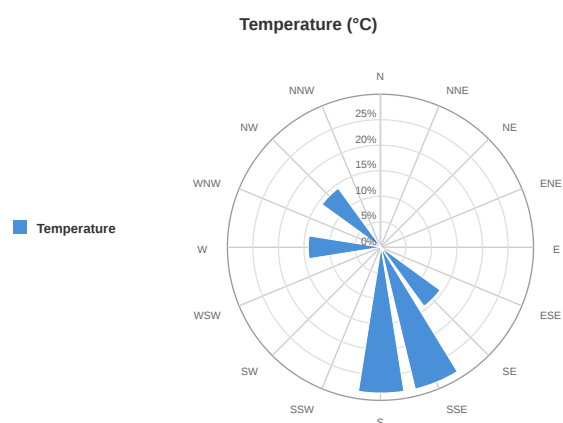
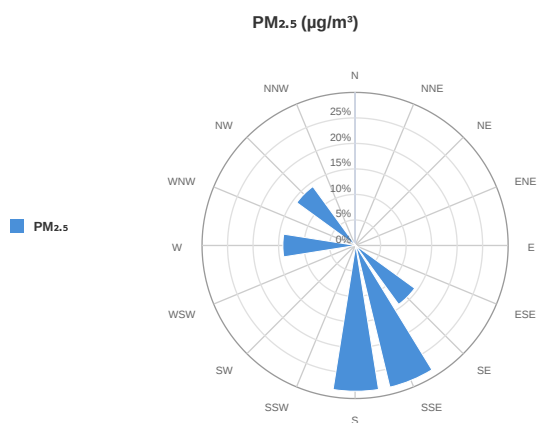
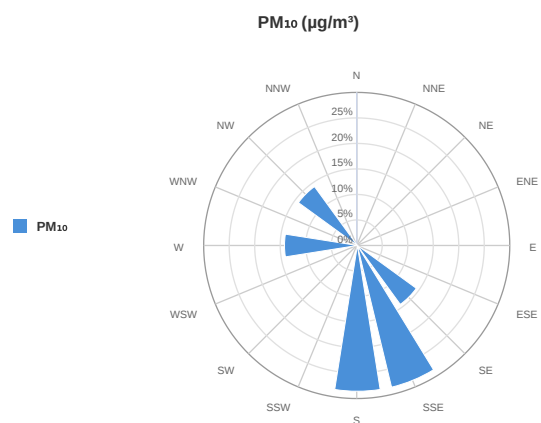
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Media zilnică



Alerte

No alerts for the selected date and time range

Insights

- 16/05/2026, 23:59 **PM_{2.5} Concentrations Consistently Very Low**: PM_{2.5} concentrations remained consistently within the 'Very Low' range (0 - 15 $\mu\text{g}/\text{m}^3$) across all recorded dates, indicating good air quality with respect to this particulate matter.
- 16/05/2026, 23:59 **PM₁₀ Fluctuates but Stays in Low Zone**: PM₁₀ concentrations varied between 17.23 and 27.35 $\mu\text{g}/\text{m}^3$, staying within the 'Low' air quality zone (25.01 - 50 $\mu\text{g}/\text{m}^3$), suggesting acceptable levels of larger particulate matter.
- 16/05/2026, 23:59 **Wind Speed Variability and Particulate Matter**: Wind speed varied from 1.62 to 5.33 m/s. Higher wind speeds on May 13 did not result in significantly different PM_{2.5} or PM₁₀ compared to lower wind speed days.
- 13/05/2026, 23:59 **Temperature Decrease Correlates with Lower Particulates**: The temperature decreased from 21.14°C on May 10 to 12.45°C on May 13, potentially affecting the formation or dispersion of particulate matter. Note there is some fluctuations.
- 16/05/2026, 23:59 **R. Humidity Fluctuations, Limited Air Quality Impact**: Relative humidity ranged from 54.47% to 71.92%. Changes in humidity do not appear to have a direct, immediate relationship with PM_{2.5} or PM₁₀ concentrations.
- 16/05/2026, 23:59 **Consistent Battery Percentage Throughout the Period**: The battery percentage remained consistently at 100% across all measurements, indicating a reliable power supply for the monitoring equipment.
- 16/05/2026, 23:59 **PM₁ Values Always the Lowest**: PM₁ concentrations consistently recorded the lowest values compared to PM_{2.5}, PM₁₀, and PM₁₀₀, suggesting a smaller proportion of ultrafine particles.
- 16/05/2026, 23:59 **PM₁₀₀ Concentrations Exceed PM₁₀ Values**: PM₁₀₀ concentrations were consistently higher than PM₁₀ values, indicating a significant presence of larger particles beyond the PM₁₀ size range.
- 16/05/2026, 23:59 **Wind Direction Shifts, Air Quality Stable**: The wind direction varied considerably, from 136.28 to 304.74 degrees, with no apparent impact on the measured particulate matter concentrations.
- 16/05/2026, 23:59 **PM_{2.5}/PM₁₀ Ratio Indicates Coarse Particles**: The relatively low PM_{2.5} to PM₁₀ ratio suggests a larger proportion of coarse particles in the air, potentially from sources like dust or construction.

Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	PM ₁₀ μg/m ³	PM _{2.5} μg/m ³
10/05/2026, 23:59	19.79	6.99
11/05/2026, 23:59	27.35	7.22
12/05/2026, 23:59	21.89	6.5
13/05/2026, 23:59	20	6.2
14/05/2026, 23:59	23.54	6.44
15/05/2026, 23:59	19.93	4.84
16/05/2026, 23:59	17.23	4.81

Alți parametri

Media zilnică

To Date	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³
10/05/2026, 23:59	21.14	1.62	136.28	100	59.04	5.6	31.24
11/05/2026, 23:59	21.02	3.88	179.27	100	60.72	4.85	44.08
12/05/2026, 23:59	17.74	3.23	264.41	100	71.92	4.68	35.53
13/05/2026, 23:59	12.45	5.33	304.74	100	63.91	4.65	33.61
14/05/2026, 23:59	16.64	1.81	149.31	100	54.47	4.82	40.67
15/05/2026, 23:59	19.4	3.95	169.87	100	55.42	3.27	34.75
16/05/2026, 23:59	18	2.77	157.48	100	71.34	3.18	28.83

Oizom will not be responsible for Environmental Data accuracy once Validated