



Primaria Gataia (Sala Sport)

RAPORT SĂPTĂMÂNAL PRIVIND CALITATEA AERULUI

Timp de la: 16/08/2026, 00:00
Timp până la: 23/08/2026, 00:00

Numele dispozitivului: Primaria Gataia (Sala Sport)
Locația dispozitivului: Strada Înfrățirii 110, Gătaia 307185, Romania

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



Media indicelui de calitate al aerului (ICA): 34

Data Summary: AQI Parameters

	CAQI AQI	NO ₂ µg/m³	O ₃ µg/m³	PM _{2.5} µg/m³	PM ₁₀ µg/m³
Media	34	17.19	43.21	17.34	34.26
Maxim	60	23.67	59.18	35.84	64.7
Data	21/08/2026	18/08/2026	21/08/2026	21/08/2026	21/08/2026
Minim	16	12.21	32.3	6.03	14.92
Data	16/08/2026	21/08/2026	19/08/2026	16/08/2026	16/08/2026

The data shown above is based on Media zilnică.

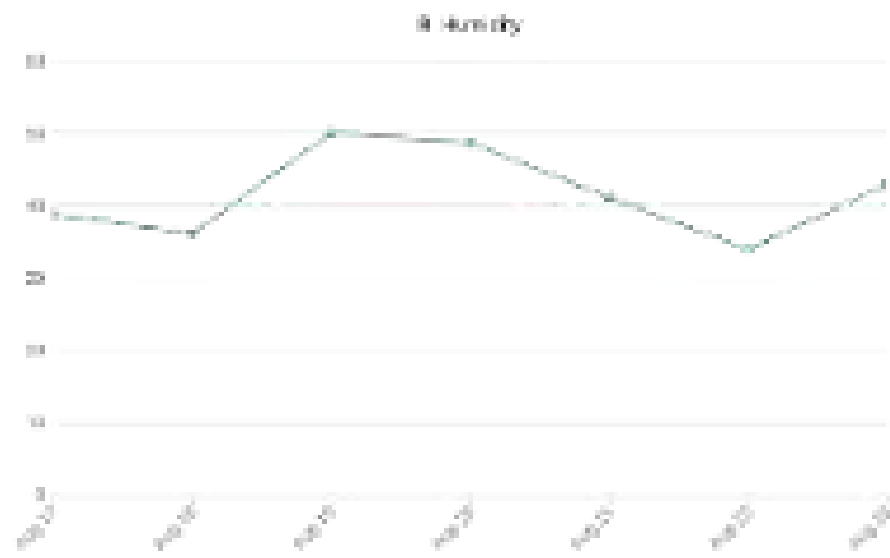
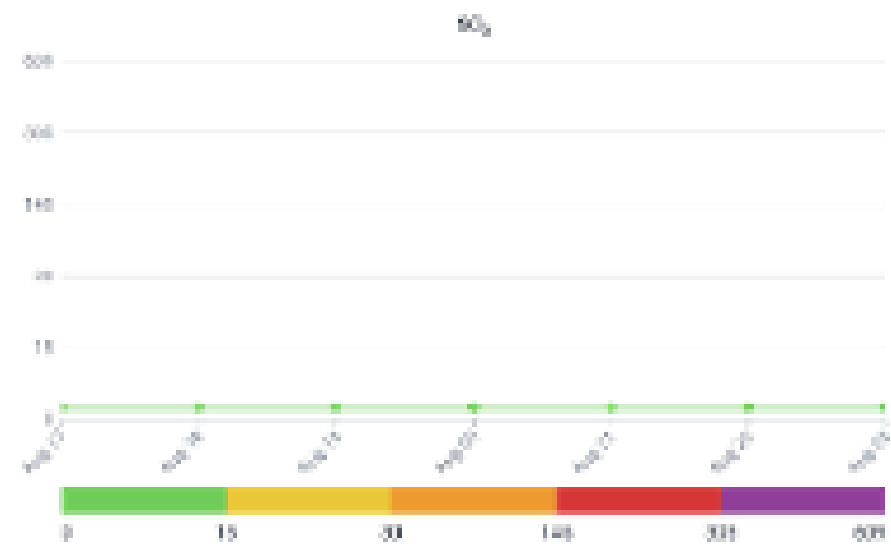
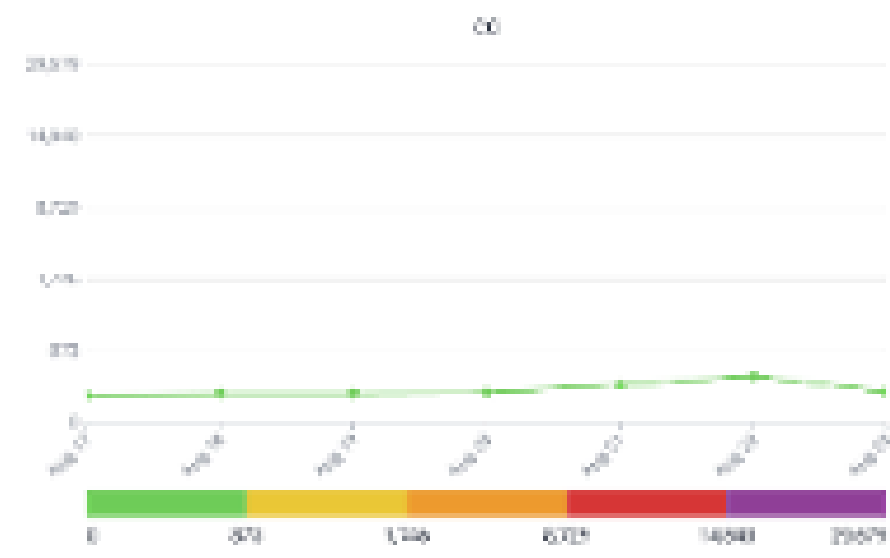
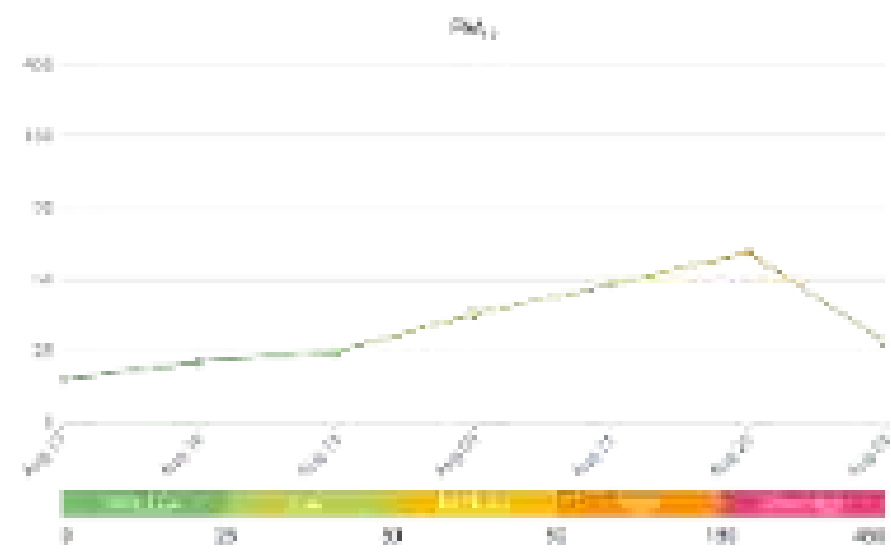
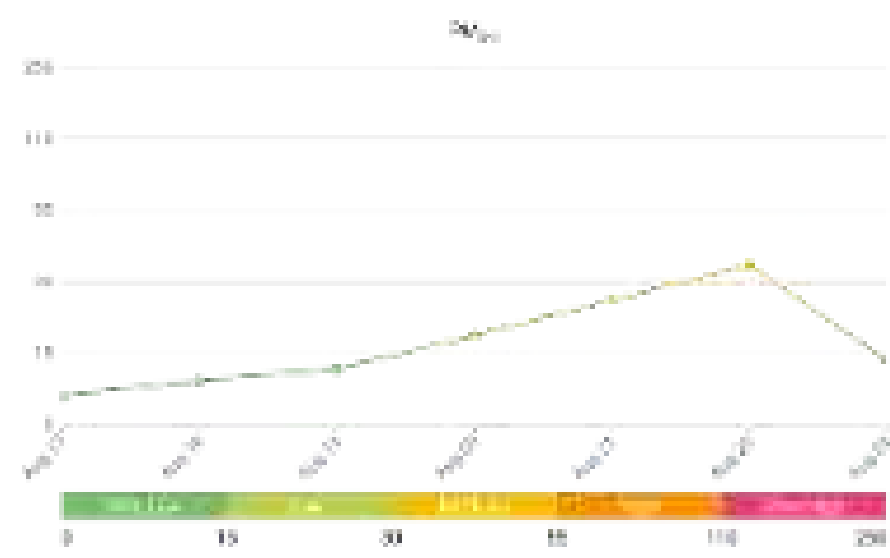
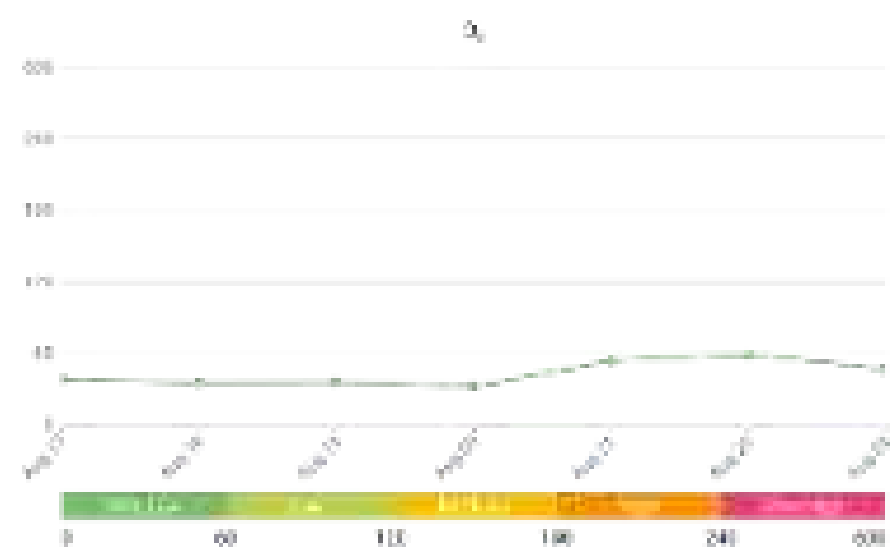
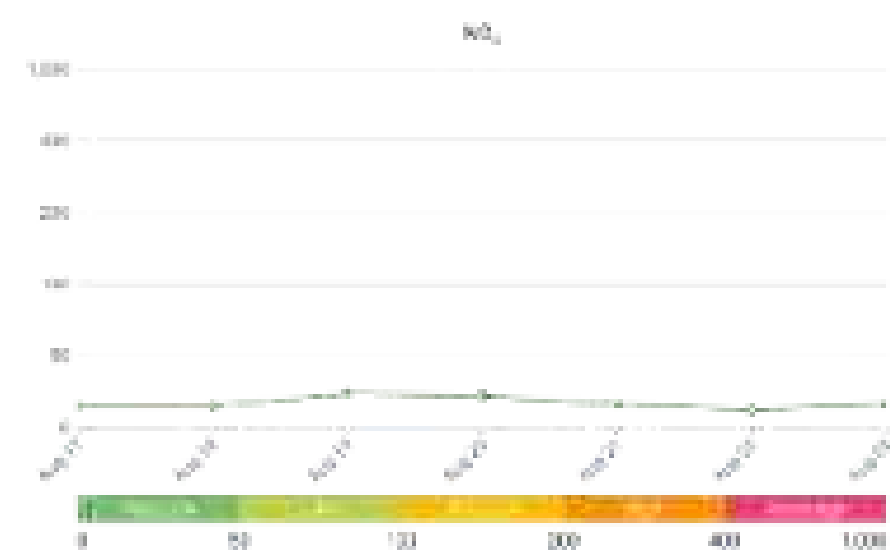
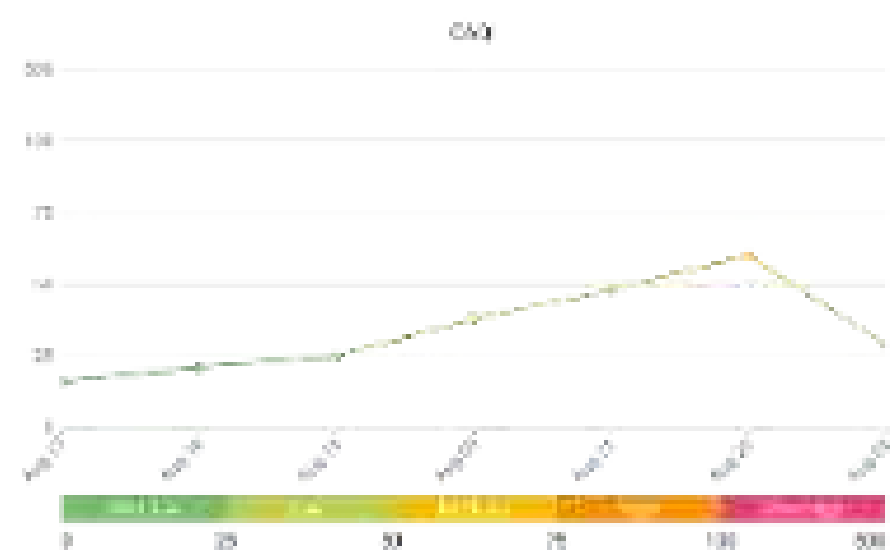


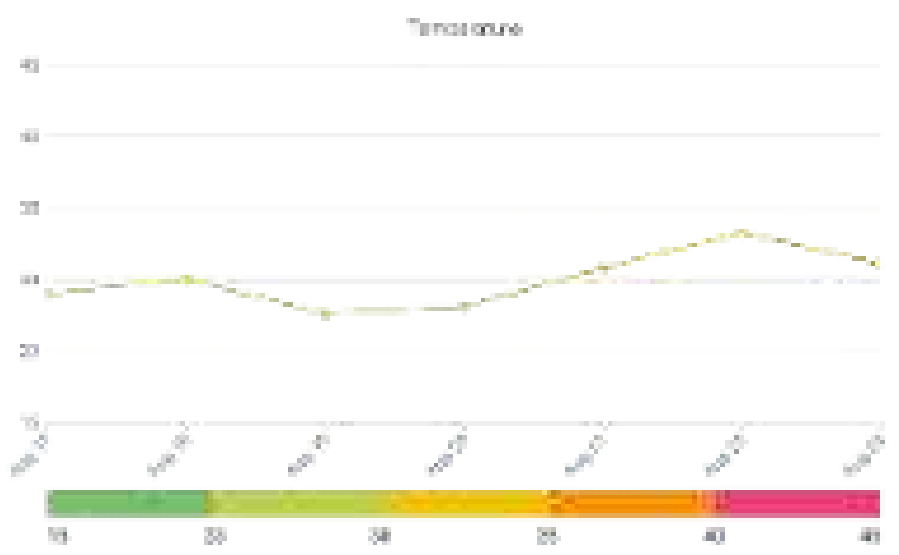
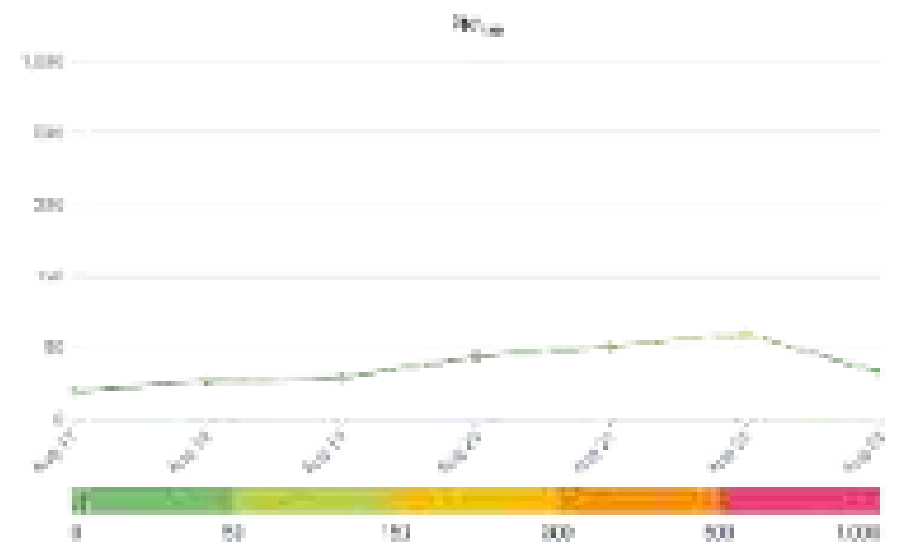
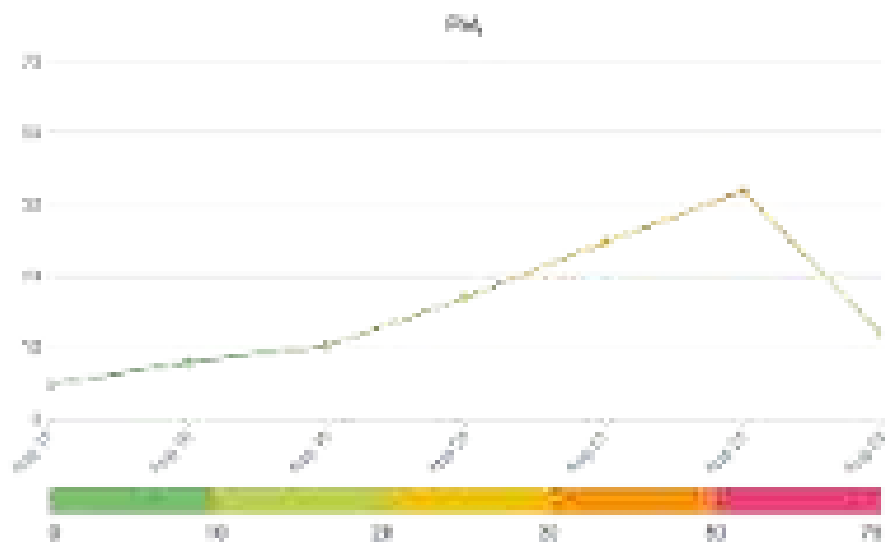
Data Summary: Non-AQI Parameters

	Battery %	CO ppb	SO ₂ ppb	R. Humidity %	PM ₁ µg/m ³	PM ₁₀₀ µg/m ³	Pressure HPa	Temperature °C	Wind Speed m/s	Wind Direction degree
Media	99.52	401.68	2.5	41.75	15.82	39.16	1000.39	29.72	1.2	213.83
Maxim	100	565.39	2.53	50.13	33.91	69.4	1003.4	33.3	3.51	302.56
Data	22/08/2026	21/08/2026	22/08/2026	18/08/2026	21/08/2026	21/08/2026	16/08/2026	21/08/2026	18/08/2026	18/08/2026
Minim	96.67	331.82	2.49	34.03	4.84	19.61	998.42	26.69	0.69	270.1
Data	18/08/2026	16/08/2026	21/08/2026	21/08/2026	16/08/2026	16/08/2026	17/08/2026	18/08/2026	19/08/2026	19/08/2026

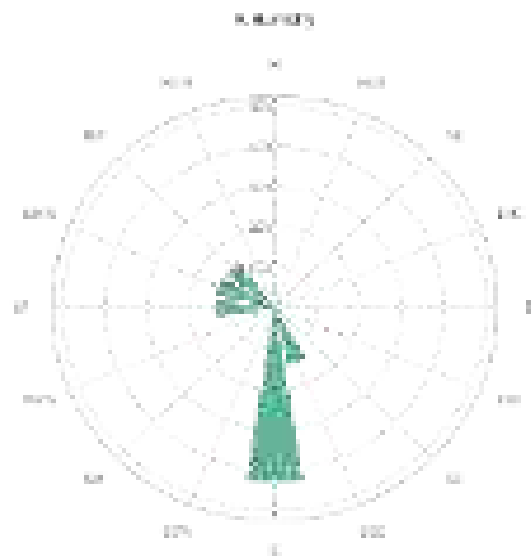
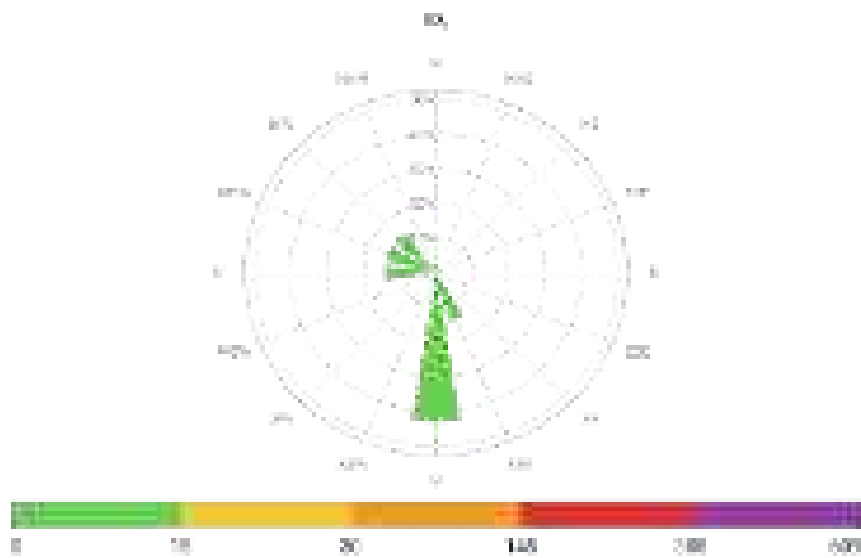
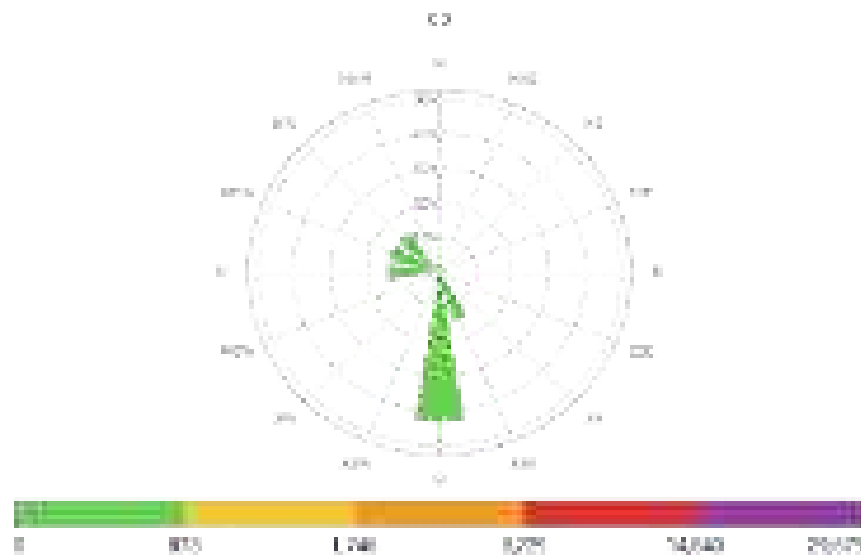
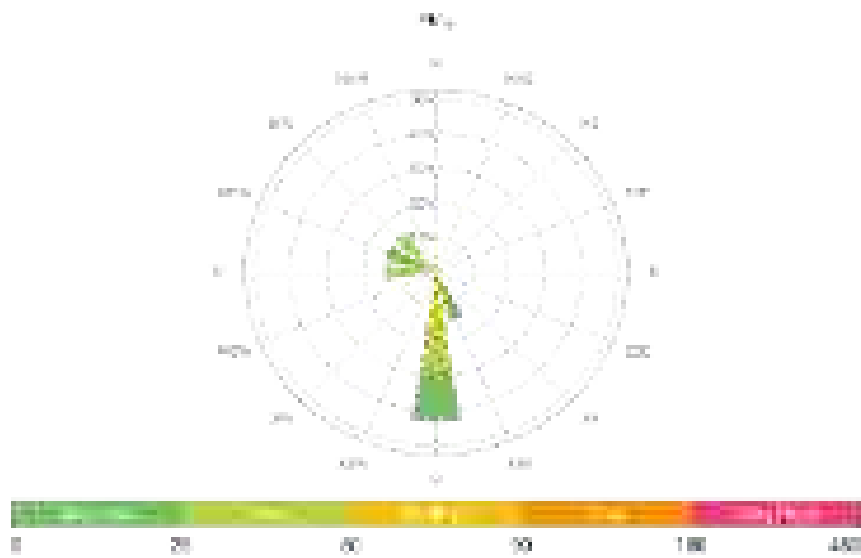
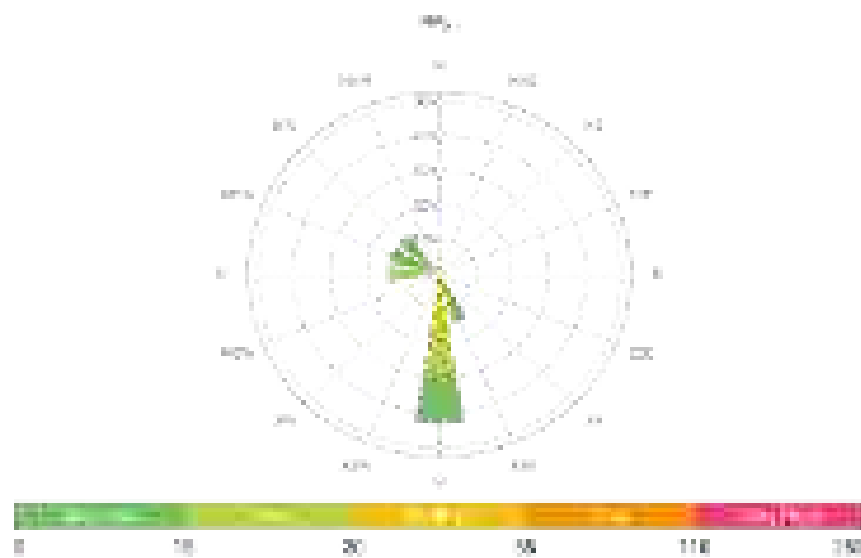
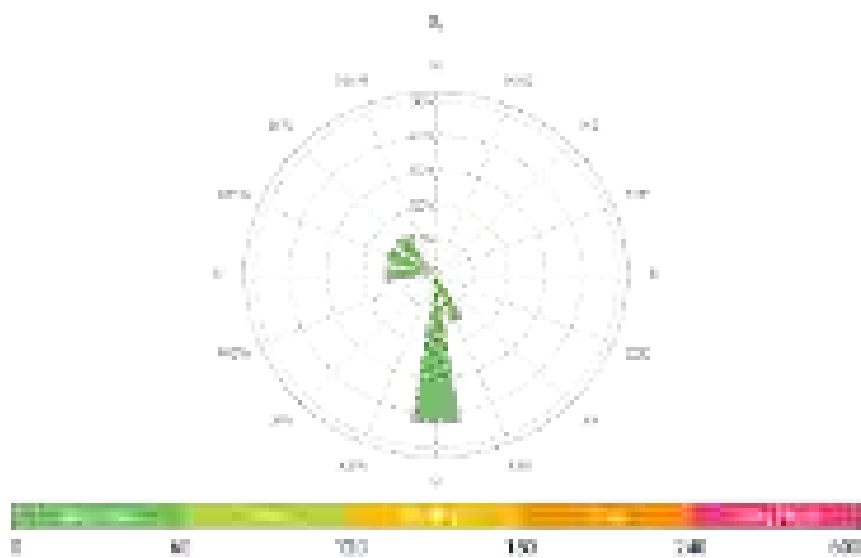
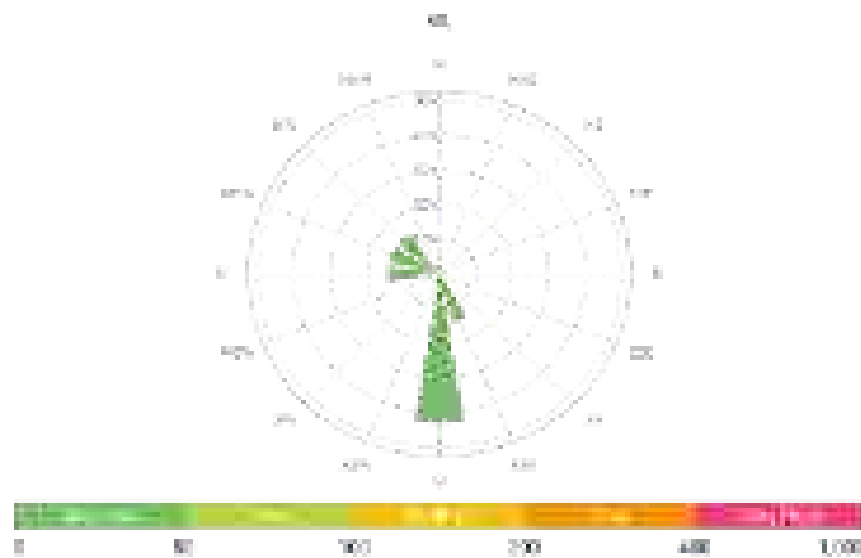
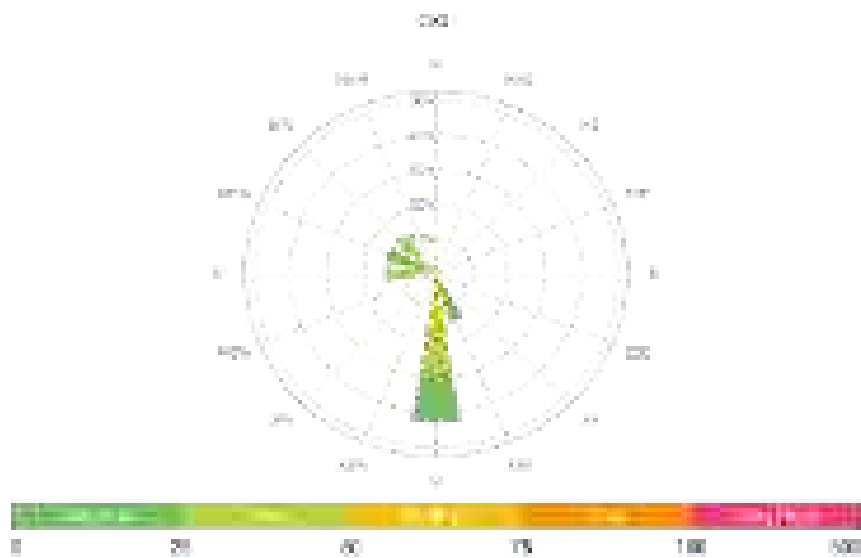
The data shown above is based on Media zilnică.

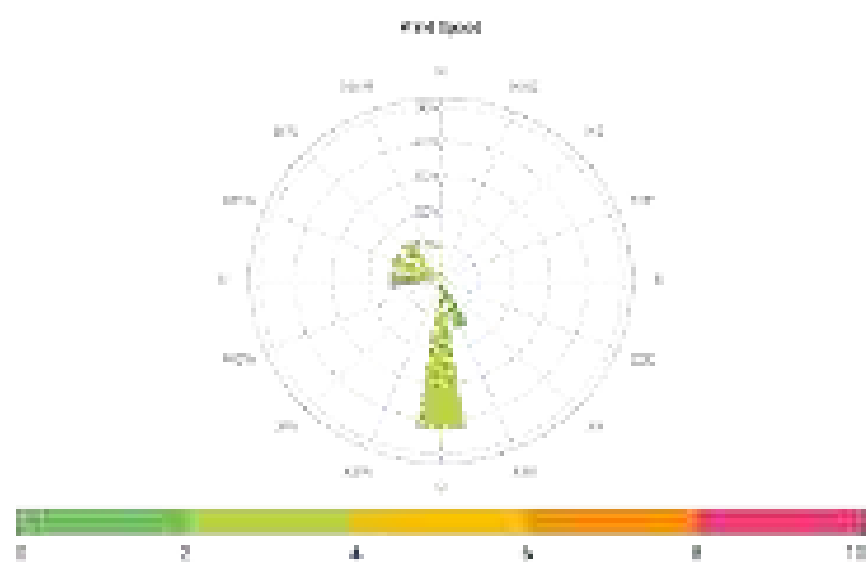
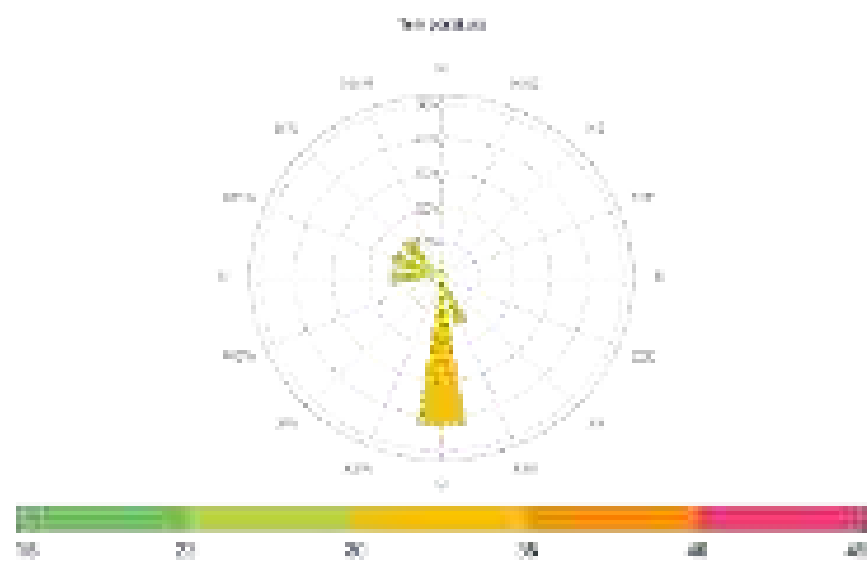
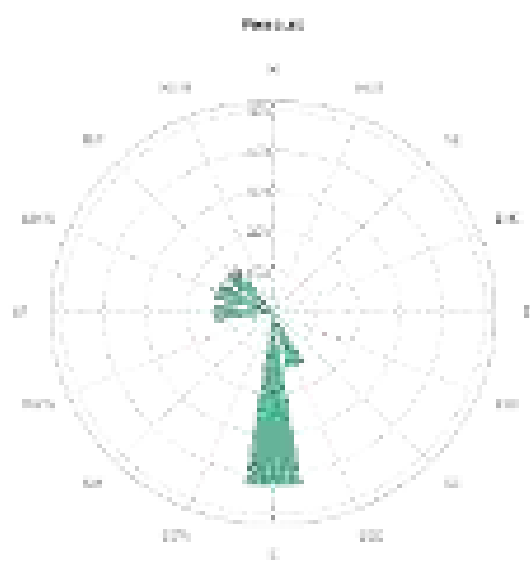
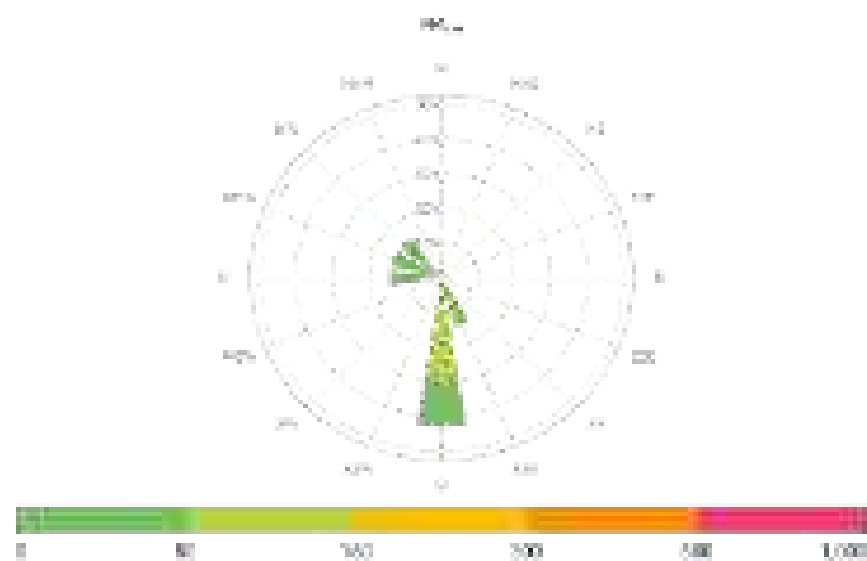
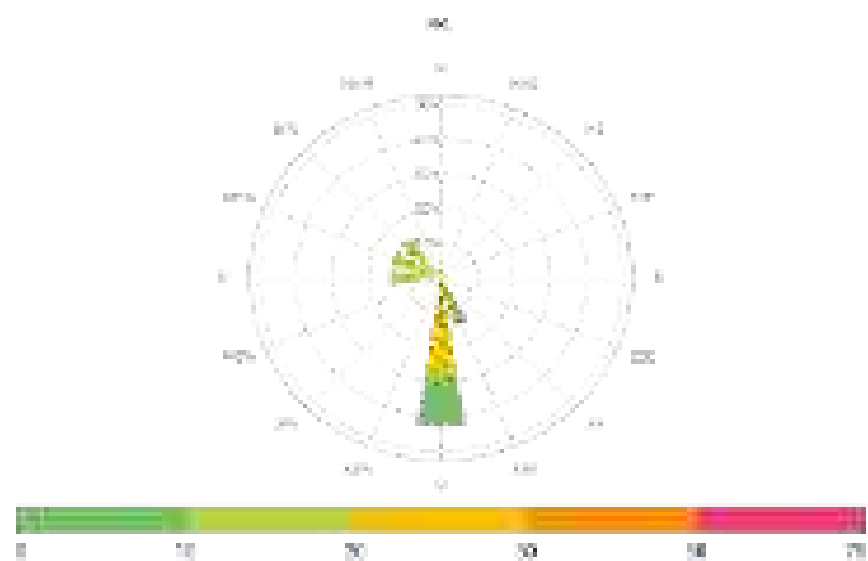
Line Chart: Media zilnică





Pollution Rose Chart: Media zilnică







Insights

- 21/08/2026, 23:59: Significant Air Quality Deterioration: The highest CAQI reading of 60 (Medium zone) was recorded on Aug 21, indicating a notable drop in air quality.
- 16/08/2026, 23:59: Best Air Quality Recorded: The lowest CAQI of 16 (Very low zone) was observed on Aug 16, indicating excellent air quality with very low levels across all pollutants.
- 21/08/2026, 23:59: Peak PM_{2.5} Levels Correlate with Medium CAQI: On Aug 21, PM_{2.5} reached its peak at 35.84 µg/m³ (Medium zone), coinciding with the highest CAQI reading.
- 21/08/2026, 23:59: Elevated PM₁₀ Levels Drive Air Quality Index Up: A PM₁₀ reading of 64.7 µg/m³ (Medium zone) on Aug 21 directly contributed to the highest CAQI.
- 22/08/2026, 23:59: Consistent Low Ozone Levels Observed: Ozone (O₃) concentrations consistently remained in the Low zone, ranging from 32.3 to 59.18 µg/m³ throughout the week.
- 22/08/2026, 23:59: NO₂ Levels Remain Within Very Low Zone: Nitrogen Dioxide (NO₂) levels were consistently very low, peaking at 23.67 µg/m³ on Aug 18 and remaining below 10 µg/m³ for the rest of the week.
- 21/08/2026, 23:59: Elevated CO and Particulate Matter Link: The highest CO concentration of 565.39 ppb on Aug 21 coincided with peak PM_{2.5} and PM₁₀, suggesting a common source or transport mechanism.
- 18/08/2026, 23:59: Extended Period of Very Low Particulate Matter: From Aug 16 to Aug 18, PM_{2.5} levels were consistently in the Very Low zone (6.03 to 11.72 µg/m³), indicating a period of clean air.
- 21/08/2026, 23:59: Warm, Dry Conditions Link to Peak Pollution: On Aug 21, the highest temperature (33.3°C) and lowest relative humidity (34.03%) coincided with the highest CAQI, suggesting that weather conditions may have contributed to the pollution peak.
- 22/08/2026, 23:59: Varied Particulate Matter Levels Over Week: PM_{2.5} fluctuated from a very low of 6.03 µg/m³ (Aug 16) to a medium of 35.84 µg/m³ (Aug 21), indicating significant variability in air quality.



Alerte

No alerts for the selected date and time range



Table View: AQI Parameters

Media zilnică

To Date	CAQI AQI	NO ₂ µg/m ³	O ₃ µg/m ³	PM _{2.5} µg/m ³	PM ₁₀ µg/m ³
22/08/2026, 23:59	29	16.2	46.9	13.55	28.17
21/08/2026, 23:59	60	12.21	59.18	35.84	64.7
20/08/2026, 23:59	48	16.21	53.66	26.14	48.11
19/08/2026, 23:59	38	22.08	32.3	18.77	38
18/08/2026, 23:59	25	23.67	36.42	11.72	24.69
17/08/2026, 23:59	21	14.9	35.65	9.3	21.22
16/08/2026, 23:59	16	15.03	38.36	6.03	14.92



Table View: Non-AQI Parameters

Media zilnică

To Date	Battery %	CO ppb	SO ₂ ppb	R. Humidity %	PM ₁ µg/m ³	PM ₁₀₀ µg/m ³	Pressure HPa	Temperature °C	Wind Speed m/s	Wind Direction degree
22/08/2026, 23:59	100	373.06	2.53	42.96	11.91	32.75	1000.48	31.14	2.34	323.15
21/08/2026, 23:59	100	565.39	2.49	34.03	33.91	69.4	998.67	33.3	3.49	190.83
20/08/2026, 23:59	100	456.49	2.5	41.22	24.72	52.7	1000.91	30.83	3.26	173.91
19/08/2026, 23:59	100	369.02	2.5	48.78	17.05	43.86	1001.67	27.36	0.69	270.1
18/08/2026, 23:59	96.67	357.88	2.51	50.13	10.33	29.3	999.17	26.69	3.51	302.56
17/08/2026, 23:59	100	358.09	2.5	36.22	7.99	26.5	998.42	30.06	2.13	174.59
16/08/2026, 23:59	100	331.82	2.49	38.91	4.84	19.61	1003.4	28.65	1.99	165.43

Oizom will not be responsible for Environmental Data accuracy once Validated