



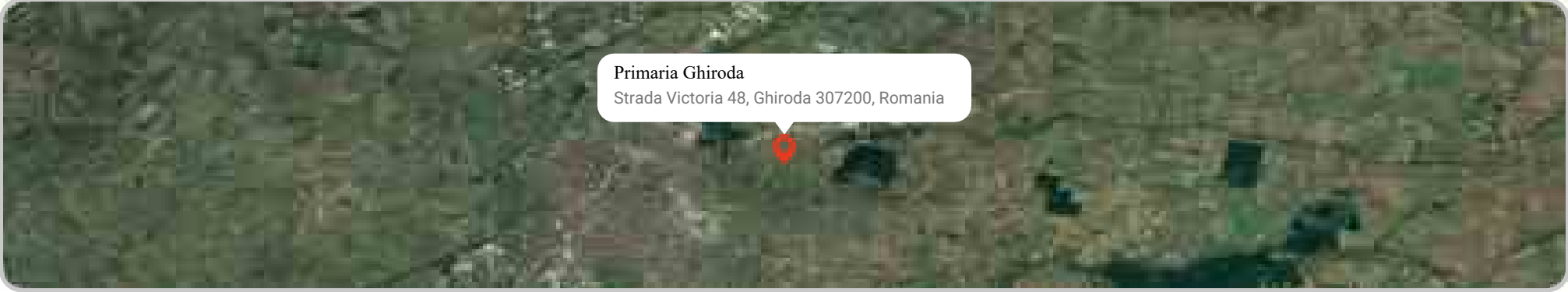
Primaria Ghiroda

RAPORT SĂPTĂMÂNAL PRIVIND CALITATEA AERULUI

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

Numele dispozitivului: Primaria Ghiroda
Locația dispozitivului: Strada Victoria 48, Ghiroda 307200, 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): 33

Data Summary: AQI Parameters

	CAQI AQI	NO ₂ µg/m³	O ₃ µg/m³	PM _{2.5} µg/m³	PM ₁₀ µg/m³
Media	33	40.87	13.1	15.82	33.73
Maxim	68	44.32	22.33	41.31	77.73
Data	21/08/2026	20/08/2026	18/08/2026	21/08/2026	21/08/2026
Minim	19	35.08	9.98	7.32	18.99
Data	16/08/2026	18/08/2026	17/08/2026	16/08/2026	16/08/2026

The data shown above is based on Media zilnică.

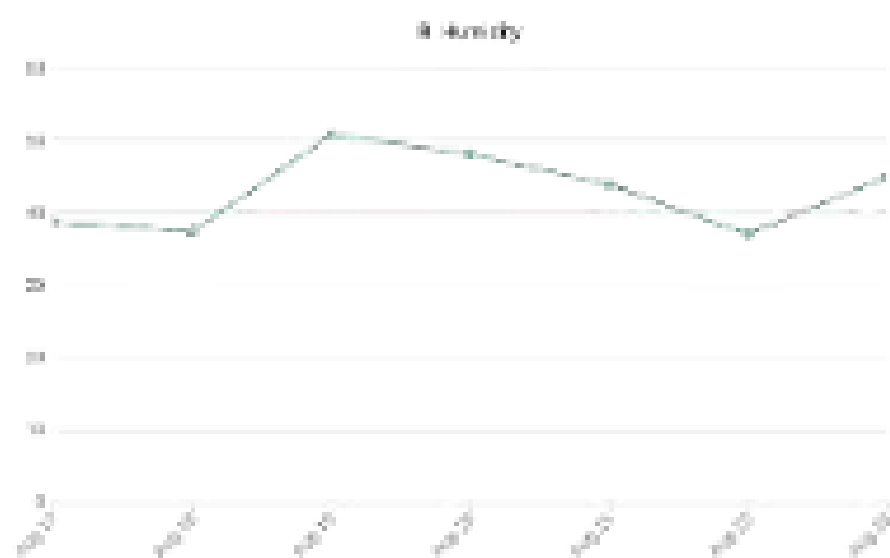
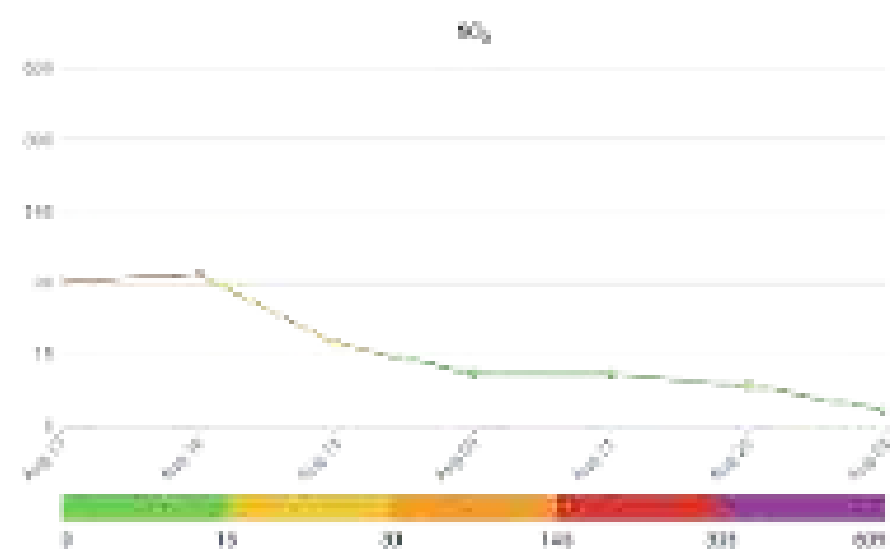
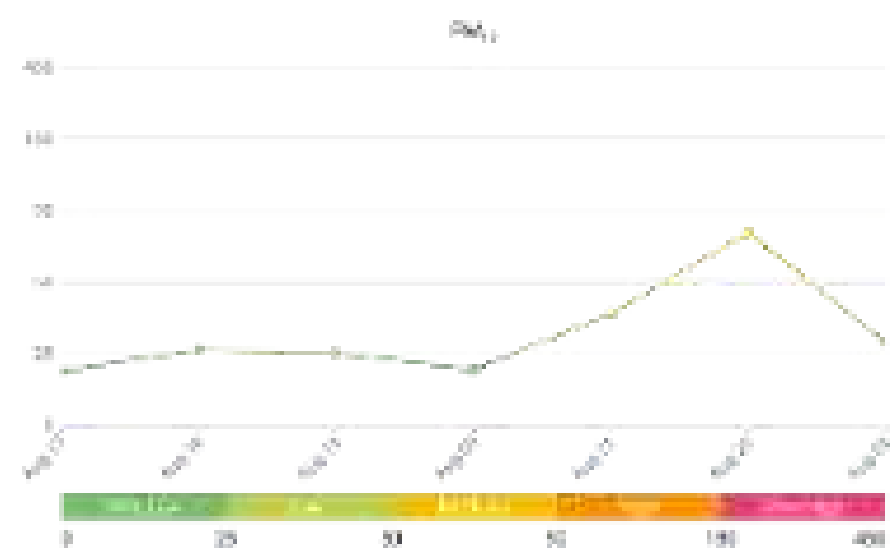
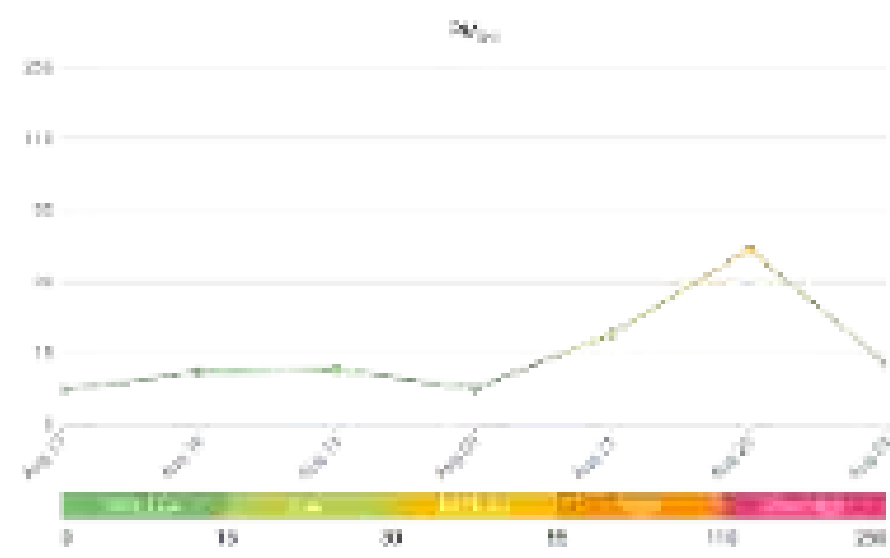
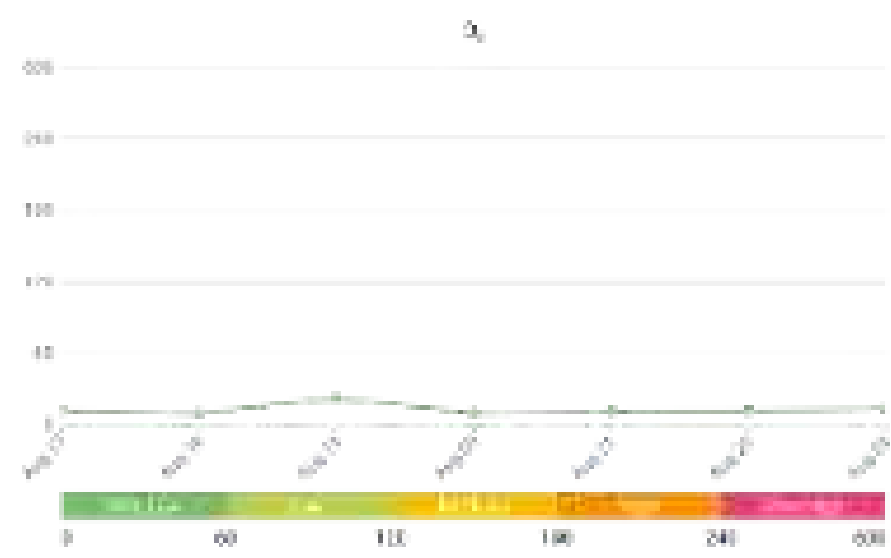
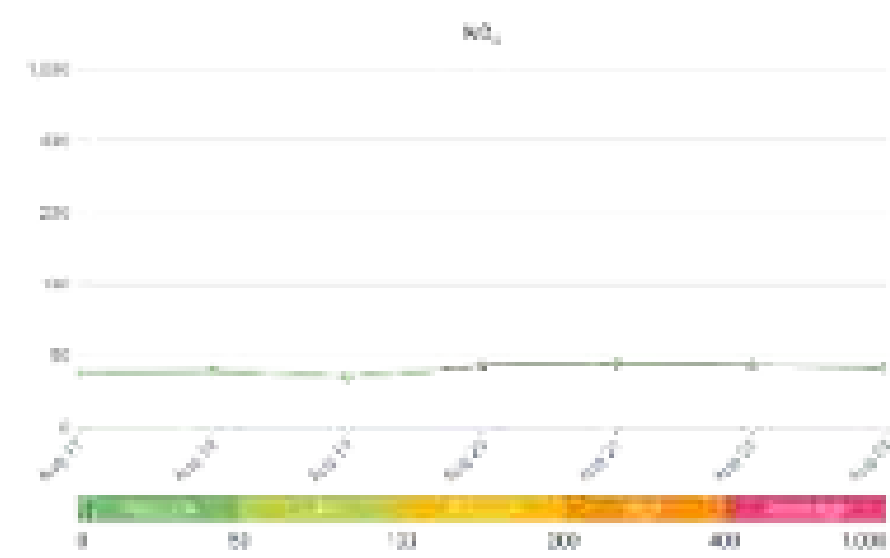
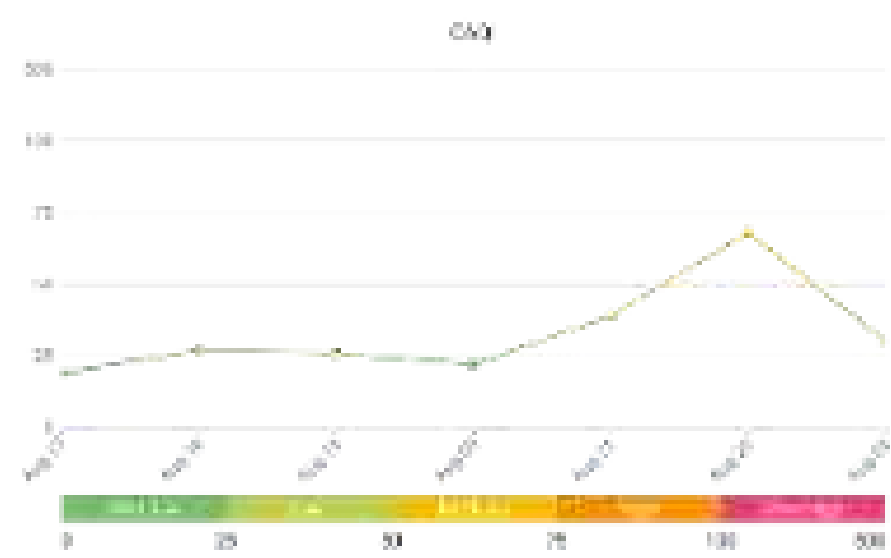


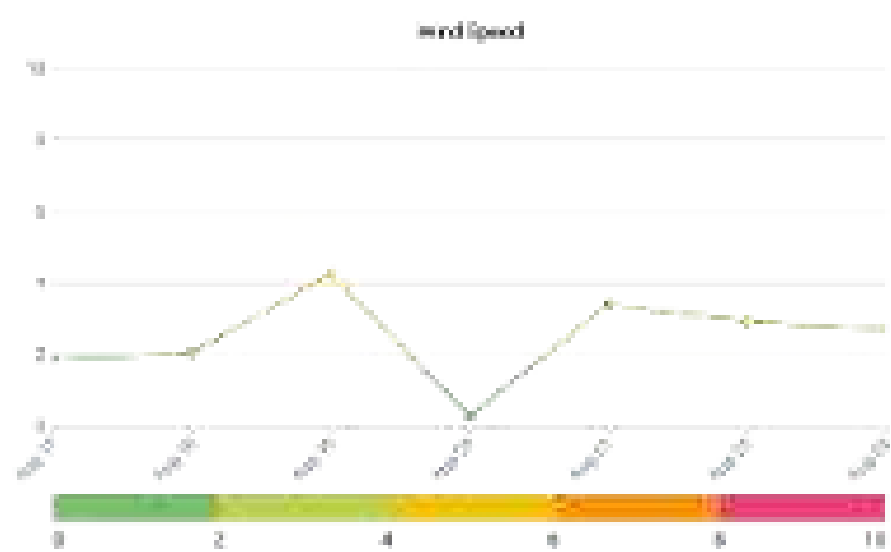
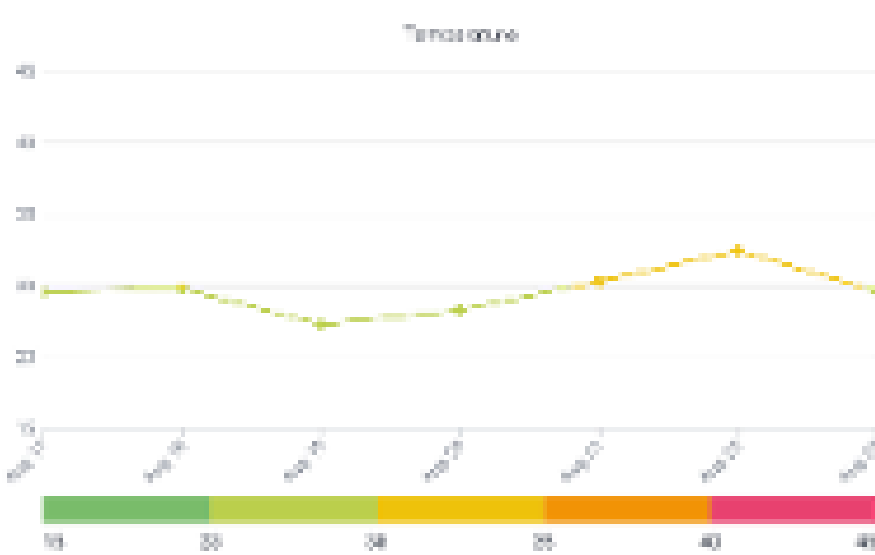
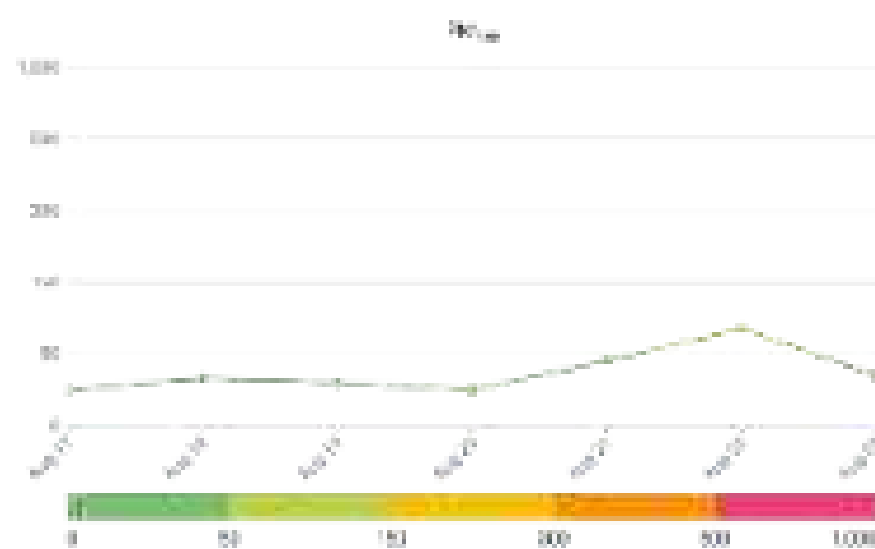
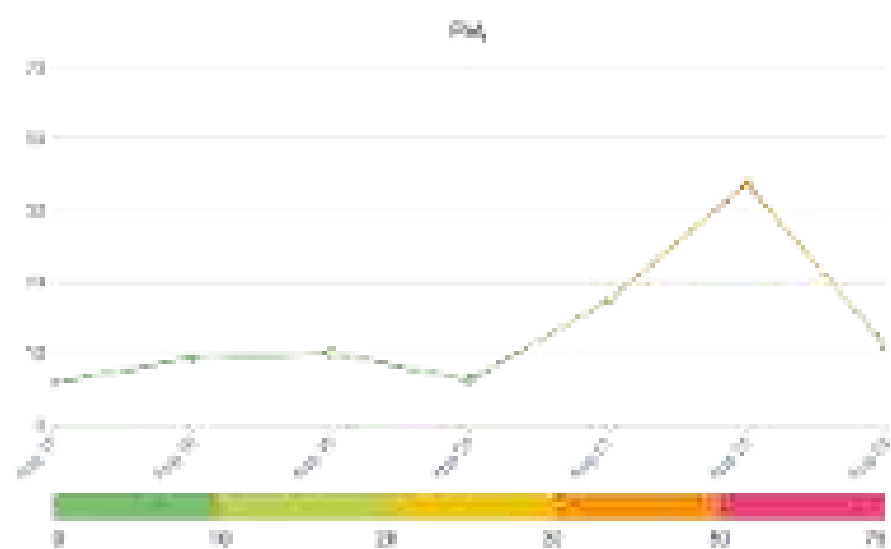
Data Summary: Non-AQI Parameters

	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	100	424.13	18.5	43.05	13.99	39.67	1002.48	29.3	0.98	213.42
Maxim	100	663.17	44.45	50.86	37.58	85.43	1005.6	32.47	4.26	300.91
Data	22/08/2026	21/08/2026	17/08/2026	18/08/2026	21/08/2026	21/08/2026	16/08/2026	21/08/2026	18/08/2026	18/08/2026
Minim	100	359.85	3.35	37.11	5.95	24.24	1000.61	26.21	0.29	269.42
Data	22/08/2026	22/08/2026	22/08/2026	21/08/2026	16/08/2026	16/08/2026	17/08/2026	18/08/2026	19/08/2026	19/08/2026

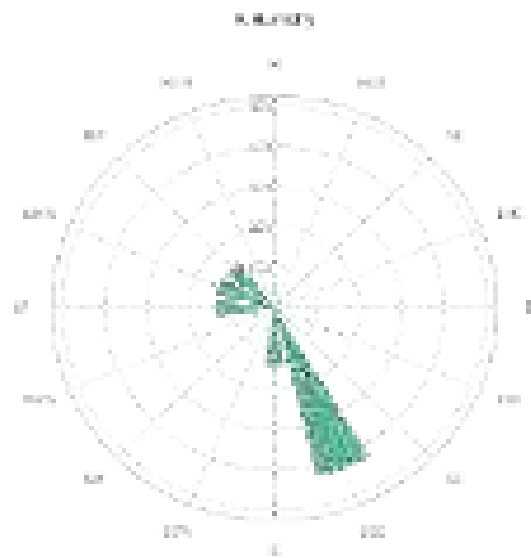
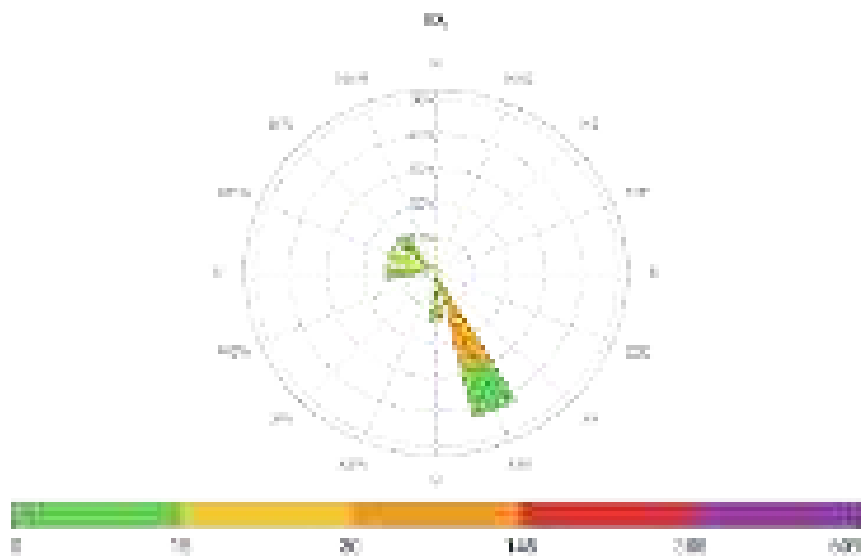
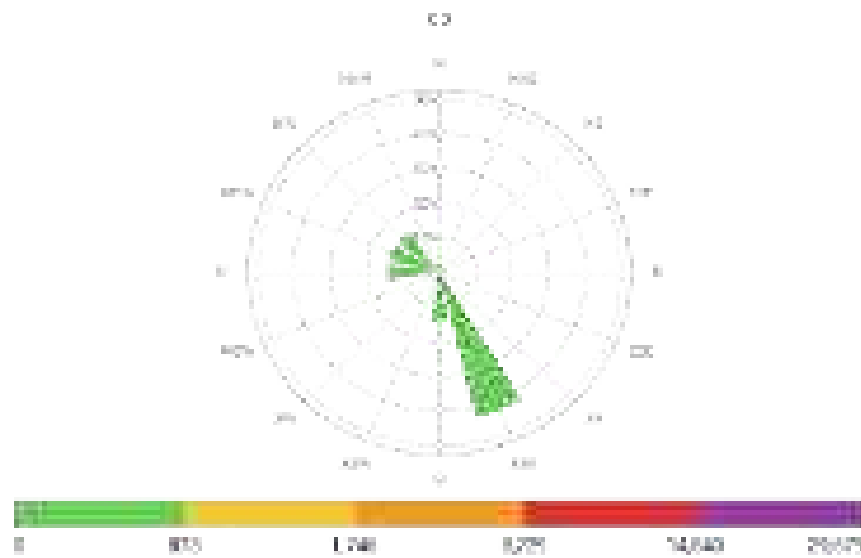
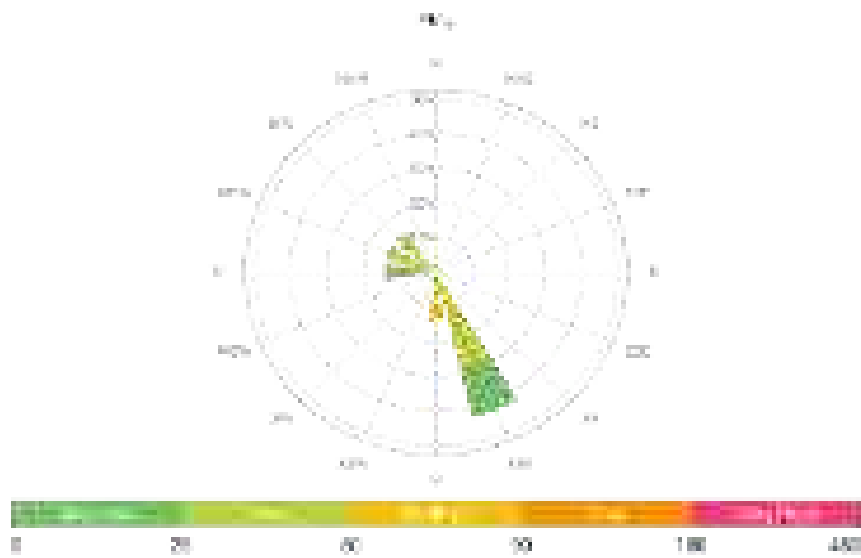
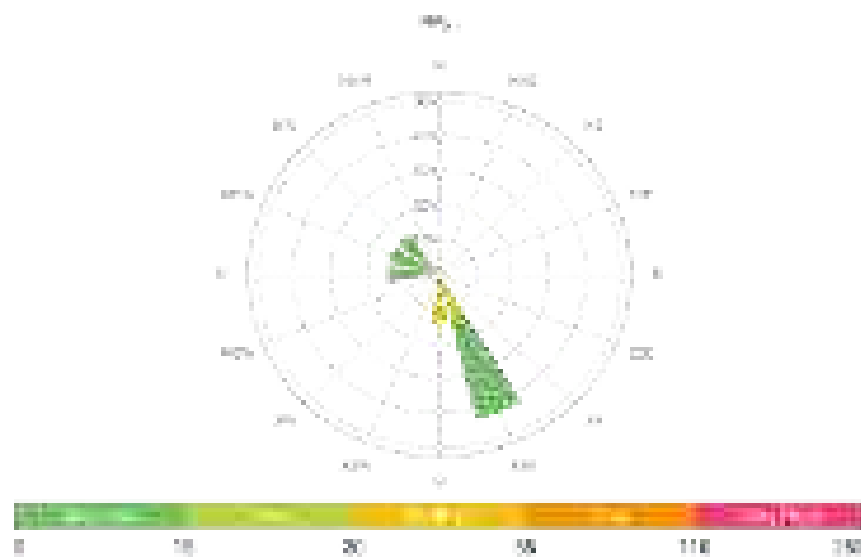
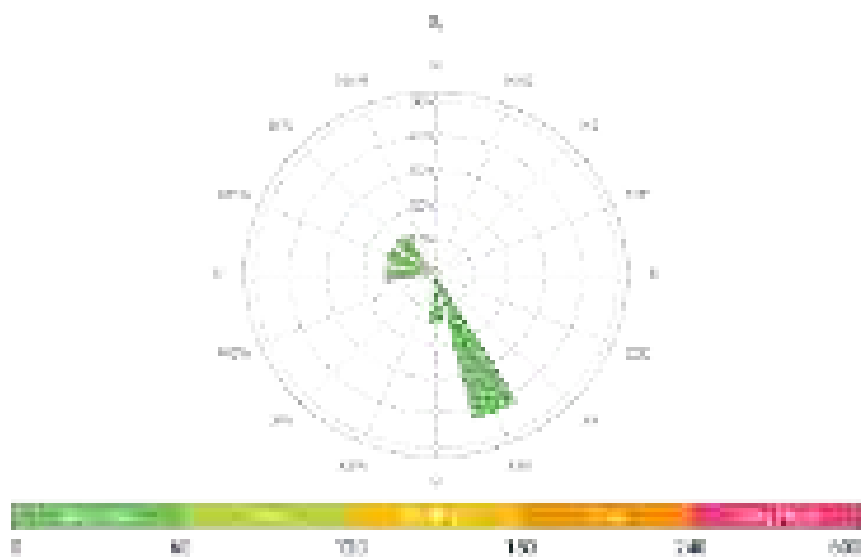
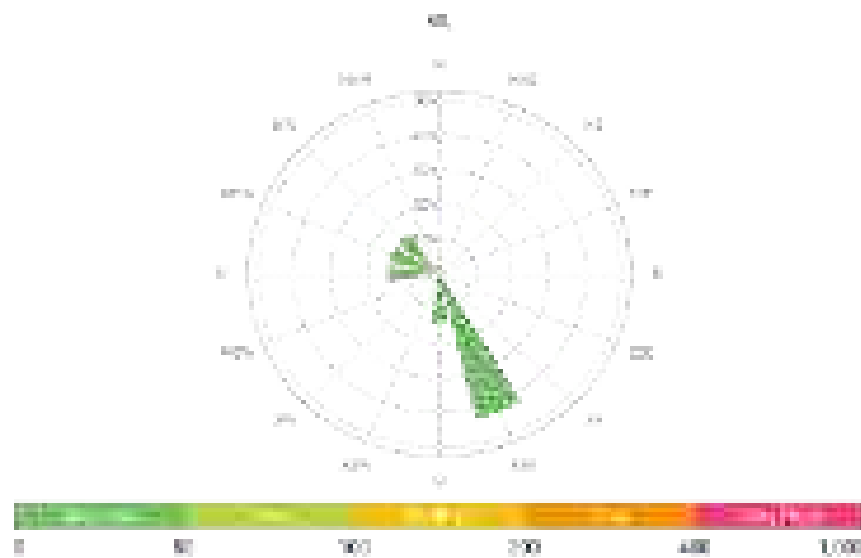
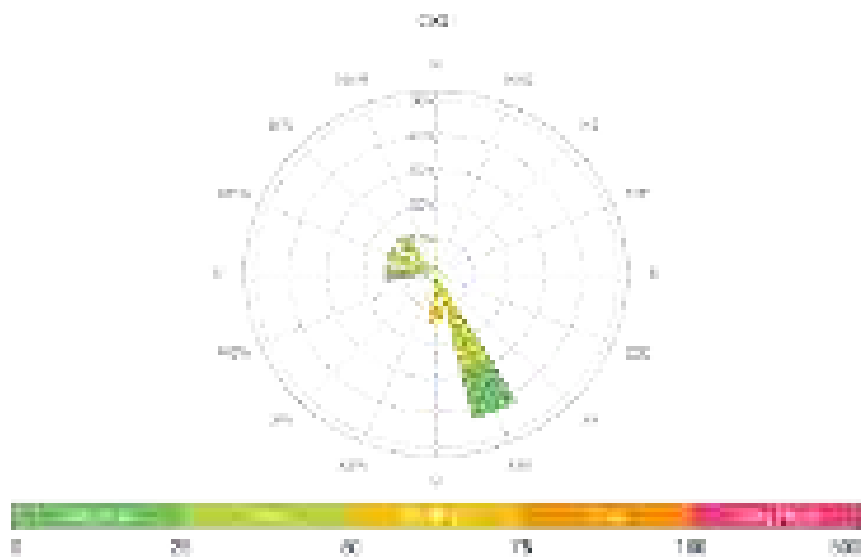
The data shown above is based on Media zilnică.

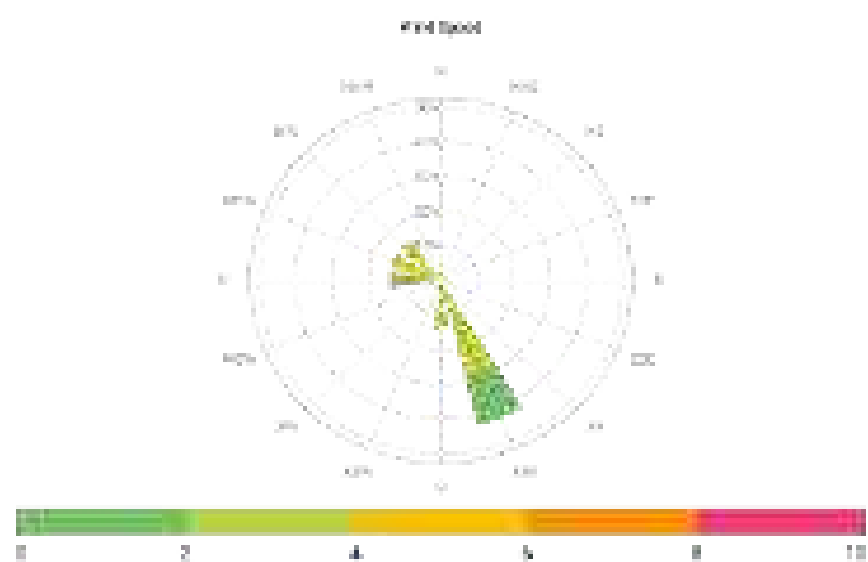
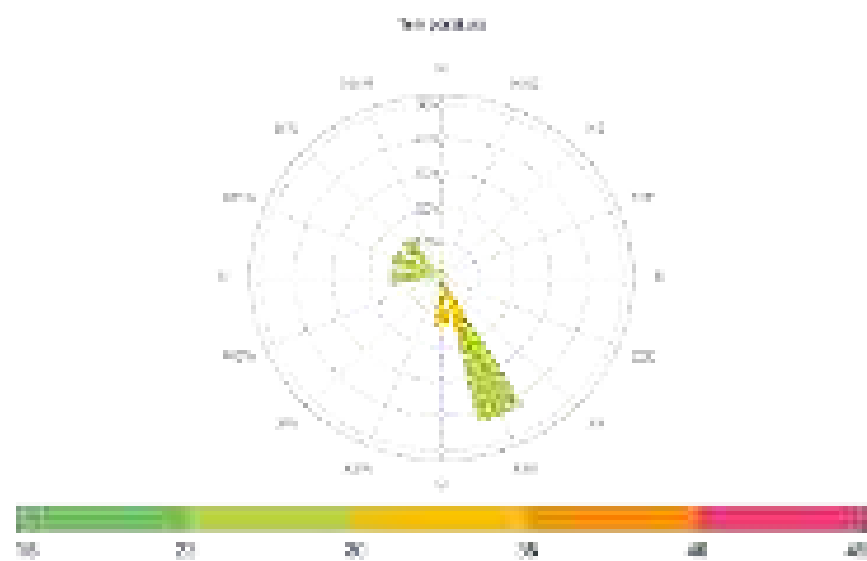
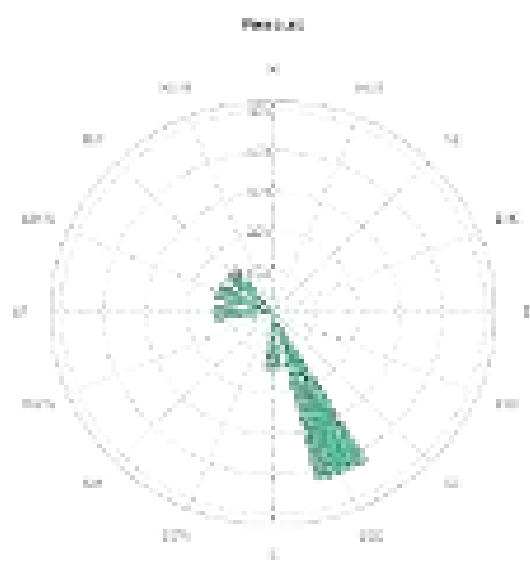
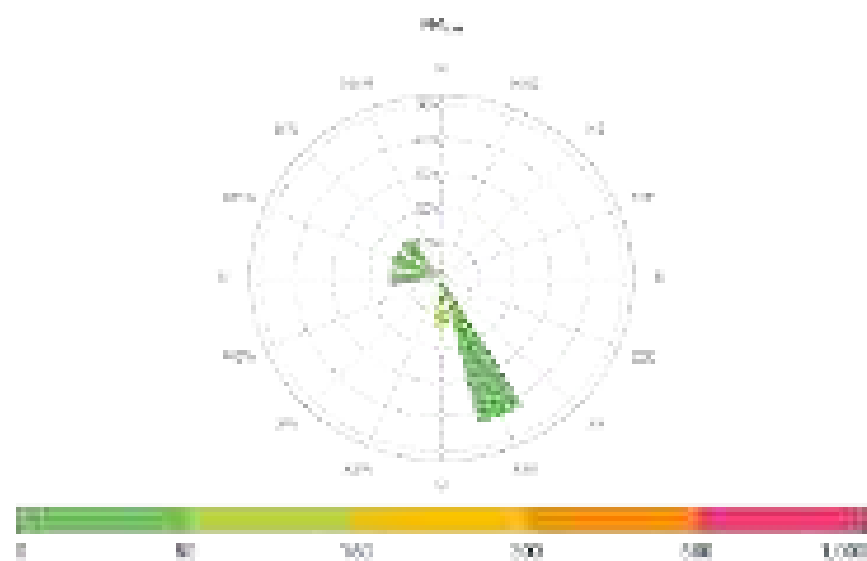
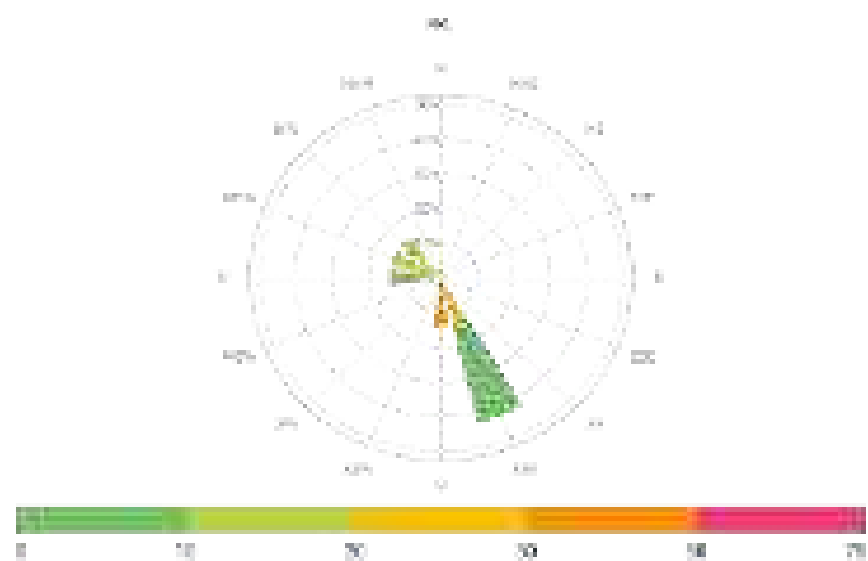
Line Chart: Media zilnică





Pollution Rose Chart: Media zilnică







Insights

- 21/08/2026, 23:59: Peak AQI and Particulate Matter Levels: The highest CAQI reading of 68 (Medium) was recorded on Aug 21, coinciding with the highest PM_{2.5} (41
- 16/08/2026, 23:59: Lowest Overall Air Quality Index: The lowest CAQI reading of 19 (Very Low) occurred on Aug 16, indicating excellent air quality with PM_{2.5} at 7.32
- 21/08/2026, 23:59: Significant Increase in Particulate Matter: On Aug 21, PM_{2.5} spiked to 41.31 µg/m³ (Medium) and PM₁₀ to 77.73 µg/m³ (Medium), representing th
- 22/08/2026, 23:59: Consistently Very Low Ozone Levels: Throughout the observation period, O₃ levels consistently remained in the "Very Low" zone, peaking at 22.33
- 22/08/2026, 23:59: Nitrogen Dioxide Stays within Low Range: Nitrogen dioxide concentrations consistently stayed within the "Low" range, with the highest recorded
- 21/08/2026, 23:59: Elevated CO Correlates with Peak AQI: The highest CO concentration of 663.17 ppb was recorded on Aug 21, which corresponded with the peak
- 22/08/2026, 23:59: Fluctuating Sulfur Dioxide Levels Observed: SO₂ levels showed significant fluctuation, with a peak of 44.45 ppb on Aug 17, followed by a sharp dr
- 21/08/2026, 23:59: High AQI Despite Moderate Wind Speed: On Aug 21, despite a moderate wind speed of 2.94 m/s, the CAQI reached its peak of 68 (Medium), indic
- 22/08/2026, 23:59: Air Quality Improves Significantly: A dramatic improvement in air quality was observed on Aug 22. CAQI dropped from 68 (Medium) to 30 (Low),
- 19/08/2026, 23:59: Cleanest Air During Lowest Wind Speed: The cleanest air quality, with CAQI at 22 (Very Low) and lowest PM_{2.5} (7.57 µg/m³) and PM₁₀ (19.51 µg/



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	30	42.19	13.59	12.75	29
21/08/2026, 23:59	68	43.1	12.03	41.31	77.73
20/08/2026, 23:59	39	44.32	11.53	19.11	39.06
19/08/2026, 23:59	22	43.16	10.11	7.57	19.51
18/08/2026, 23:59	26	35.08	22.33	11.63	25.31
17/08/2026, 23:59	27	40.13	9.98	11.03	26.48
16/08/2026, 23:59	19	38.13	12.13	7.32	18.99



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	359.85	3.35	44.98	11.06	34.87	1002.74	29.47	2.73	317.85
21/08/2026, 23:59	100	663.17	8.61	37.11	37.58	85.43	1000.78	32.47	2.94	185
20/08/2026, 23:59	100	449.62	10.83	43.97	17.43	45.32	1002.87	30.3	3.41	164.87
19/08/2026, 23:59	100	371.27	11.14	48.18	6.31	24.71	1003.6	27.61	0.29	269.42
18/08/2026, 23:59	100	362.96	17.32	50.86	10.18	29.85	1001.14	26.21	4.26	300.91
17/08/2026, 23:59	100	395.05	44.45	37.41	9.44	33.28	1000.61	29.7	2.07	165.57
16/08/2026, 23:59	100	366.98	33.83	38.85	5.95	24.24	1005.6	29.34	1.9	153.14

Oizom will not be responsible for Environmental Data accuracy once Validated