



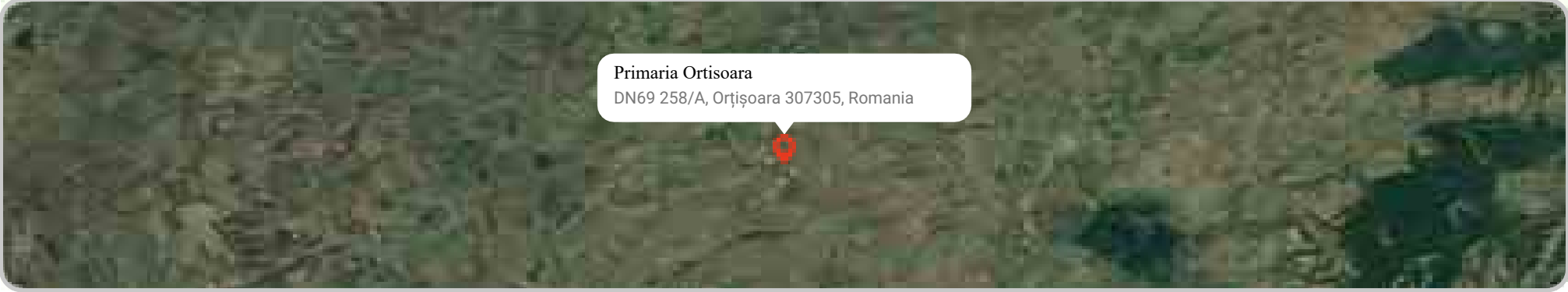
Primaria Ortisoara

RAPORT SĂPTĂMÂNAL PRIVIND CALITATEA AERULUI

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

Numele dispozitivului: Primaria Ortisoara
Locația dispozitivului: DN69 258/A, Orțișoara 307305, 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): 35

Data Summary: AQI Parameters

	CAQI AQI	NO ₂ µg/m³	O ₃ µg/m³	PM _{2.5} µg/m³	PM ₁₀ µg/m³
Media	35	69.45	24.82	11.09	28.91
Maxim	39	74.89	35.44	16.1	38.1
Data	20/08/2026	21/08/2026	18/08/2026	20/08/2026	20/08/2026
Minim	30	58.99	20.22	6.61	21.47
Data	18/08/2026	18/08/2026	19/08/2026	16/08/2026	16/08/2026

The data shown above is based on Media zilnică.

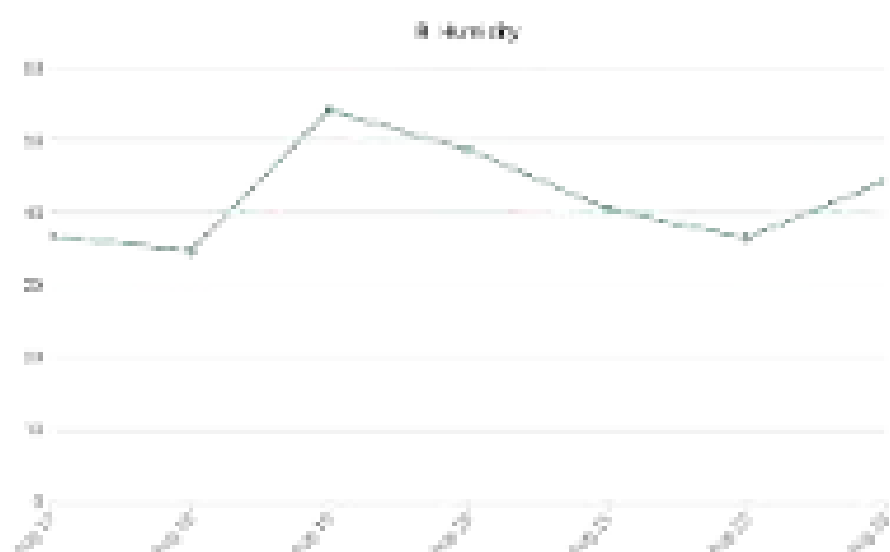
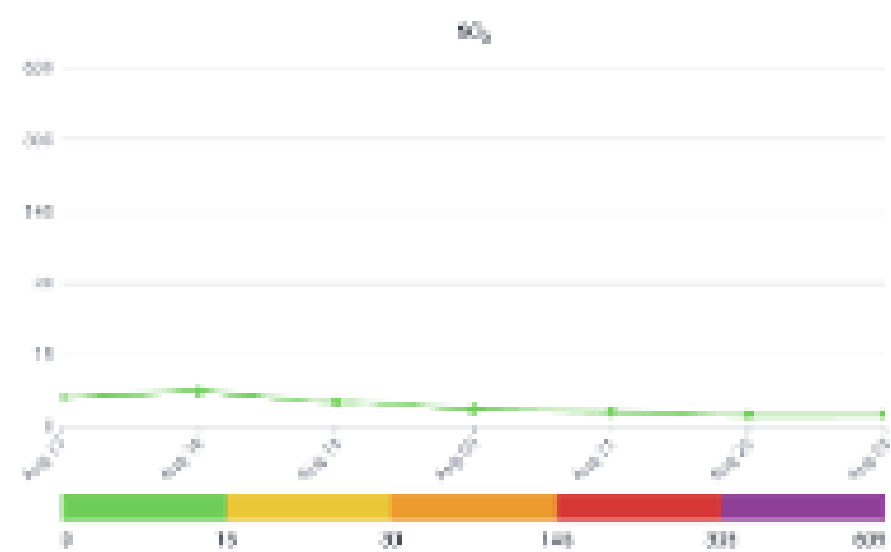
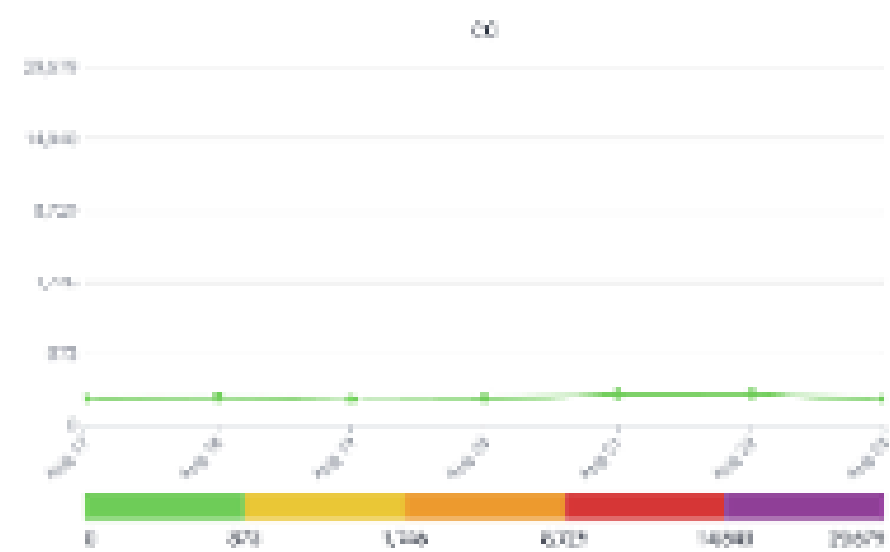
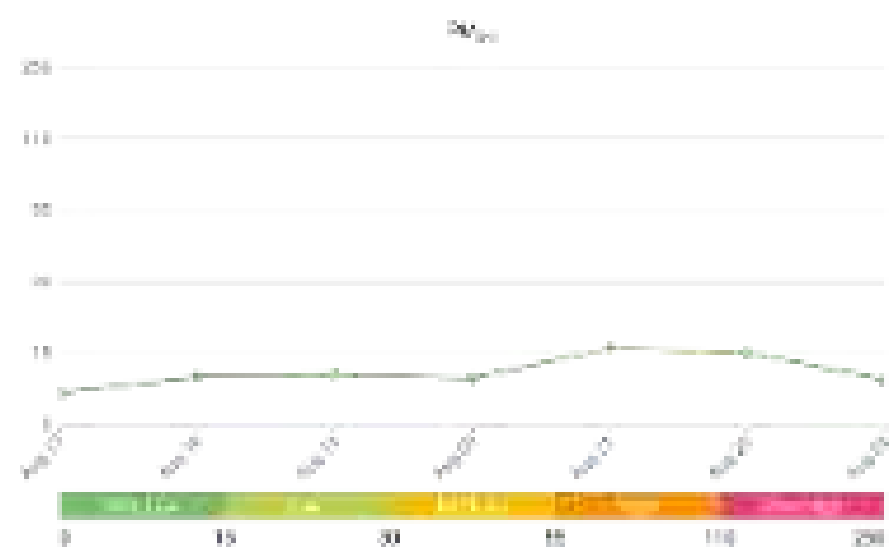
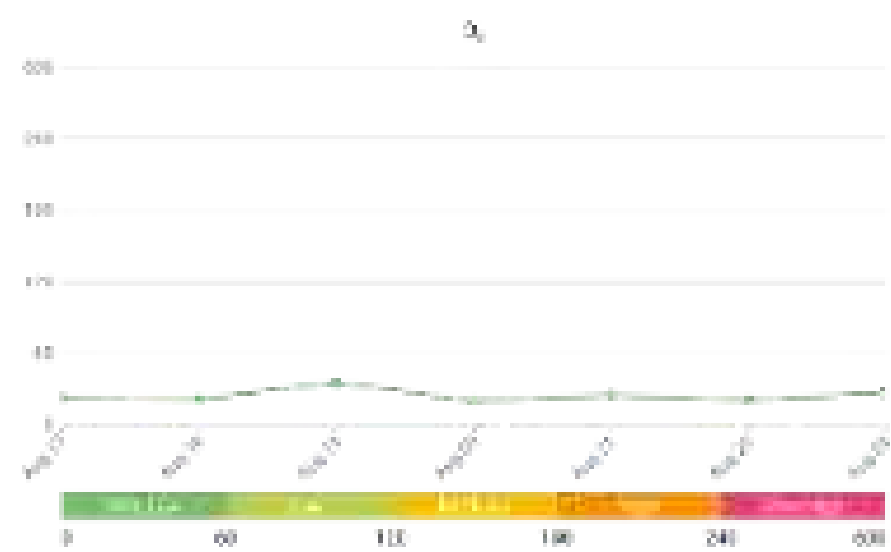
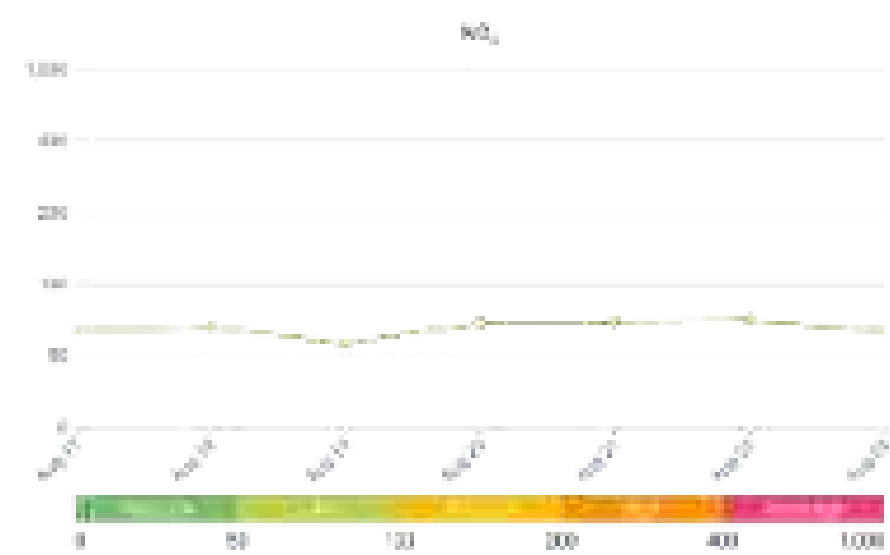


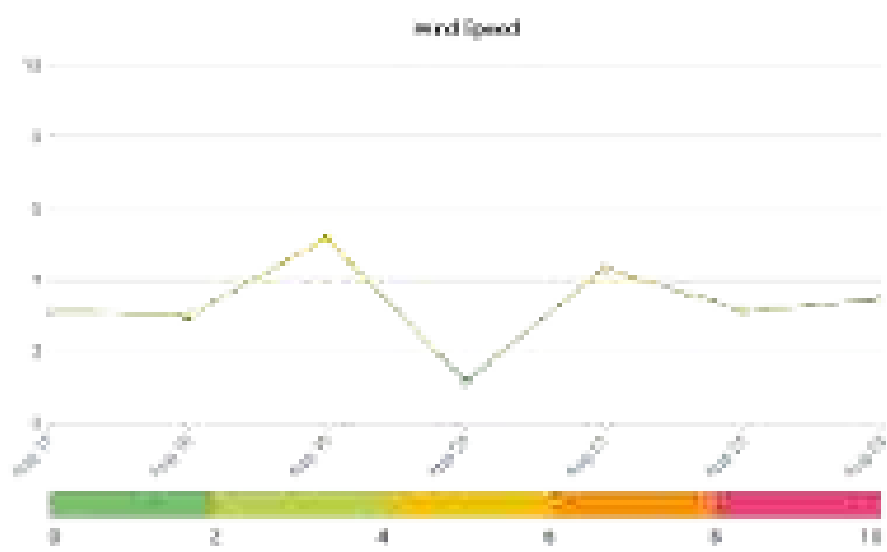
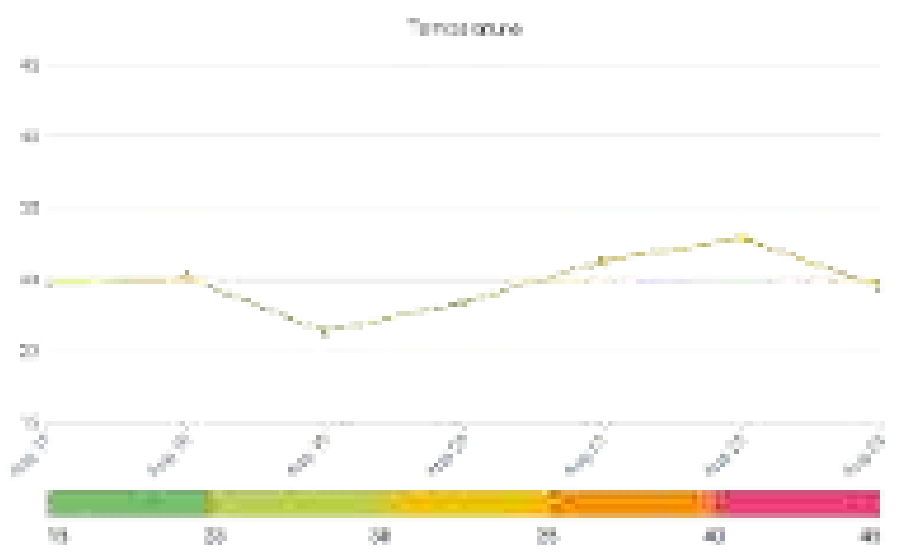
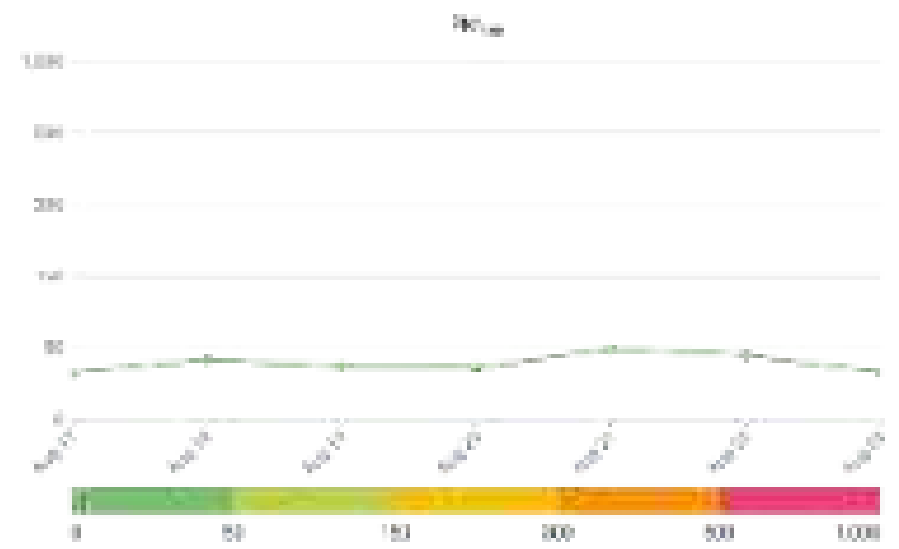
Data Summary: Non-AQI Parameters

	Battery %	CO ppb	SO ₂ ppb	R. Humidity %	PM ₁ µg/m³	PM ₁₀₀ µg/m³	Pressure HPa	Temperature °C	Wind Speed m/s	Wind Direction degree
Media	100	347.28	4.35	42.31	9.11	39.21	998.81	29.43	1.41	221.24
Maxim	100	384.86	7.33	54.21	14.01	49.43	1001.95	32.89	5.18	306.89
Data	22/08/2026	21/08/2026	17/08/2026	18/08/2026	20/08/2026	20/08/2026	16/08/2026	21/08/2026	18/08/2026	18/08/2026
Minim	100	324.29	2.5	34.77	4.84	32.42	996.93	24.94	1.18	282.76
Data	22/08/2026	18/08/2026	21/08/2026	17/08/2026	16/08/2026	16/08/2026	17/08/2026	18/08/2026	19/08/2026	19/08/2026

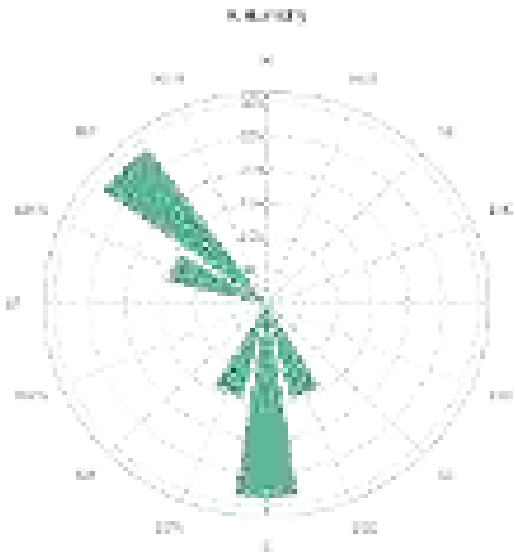
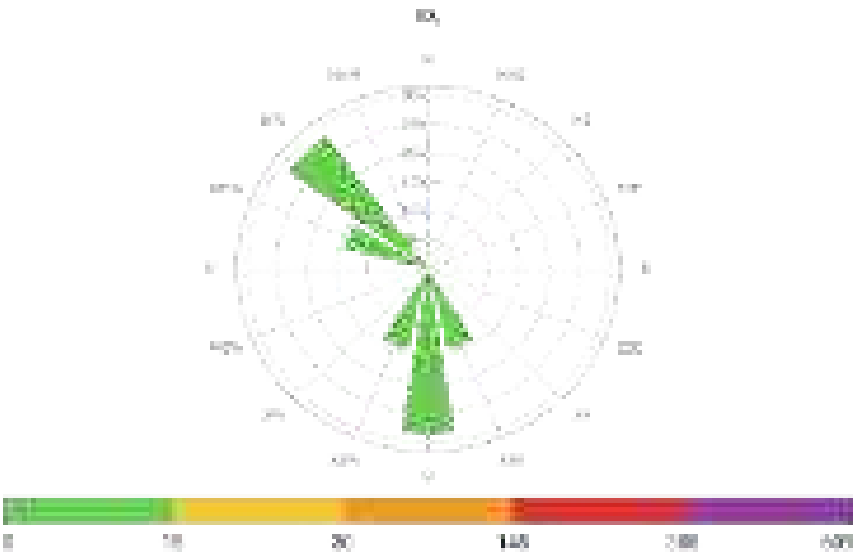
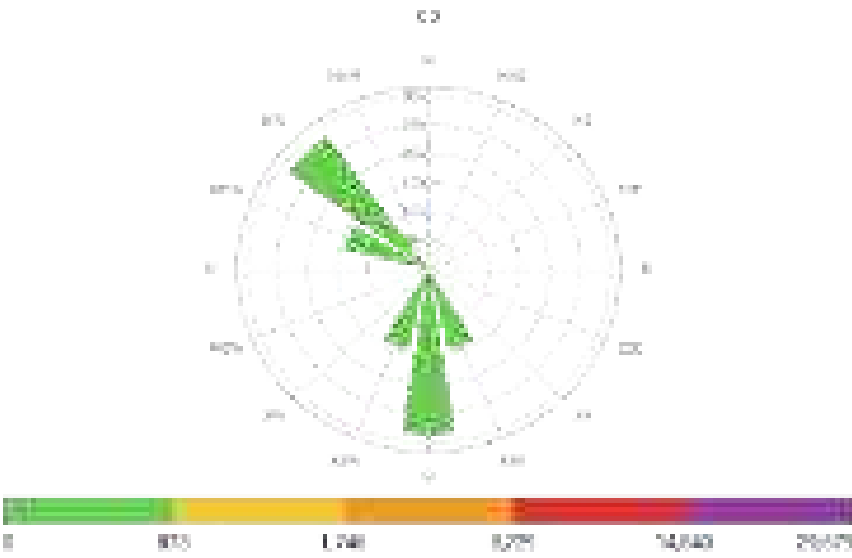
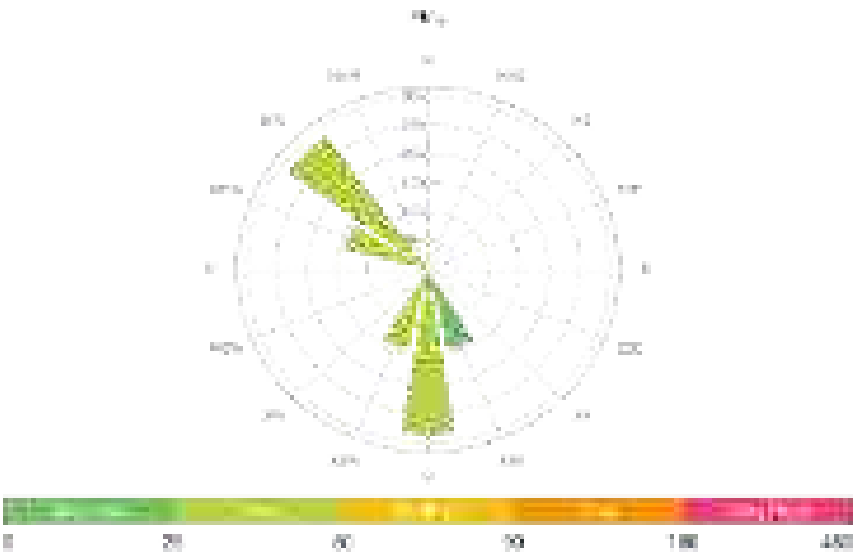
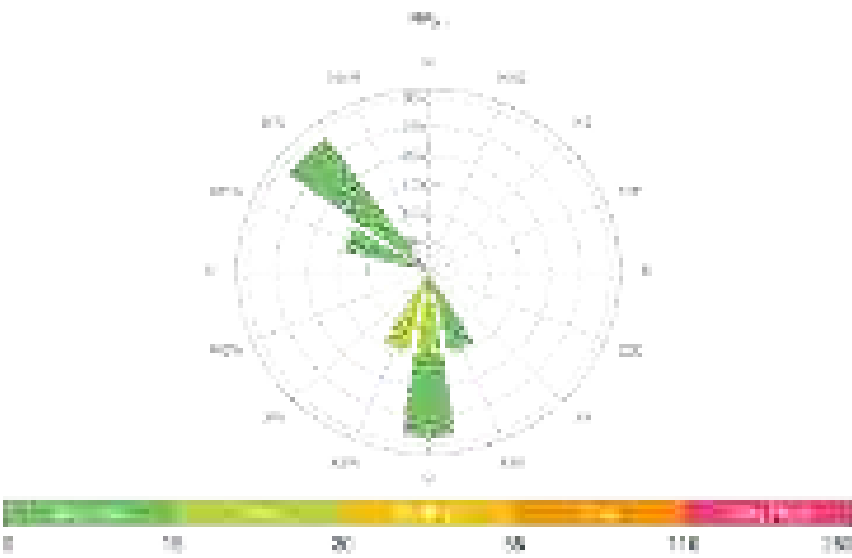
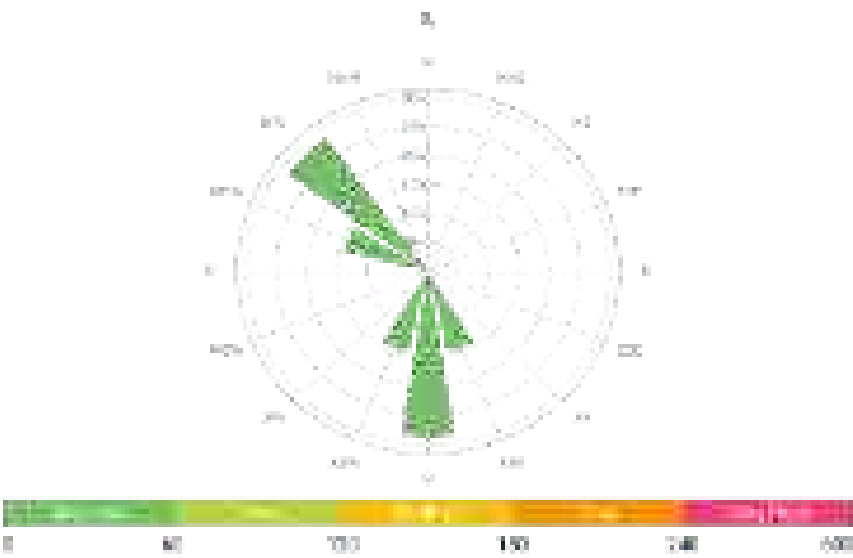
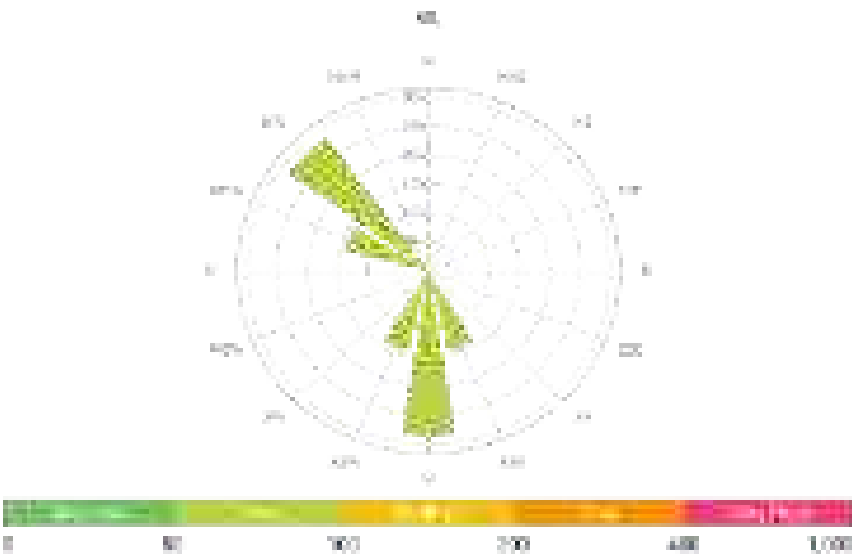
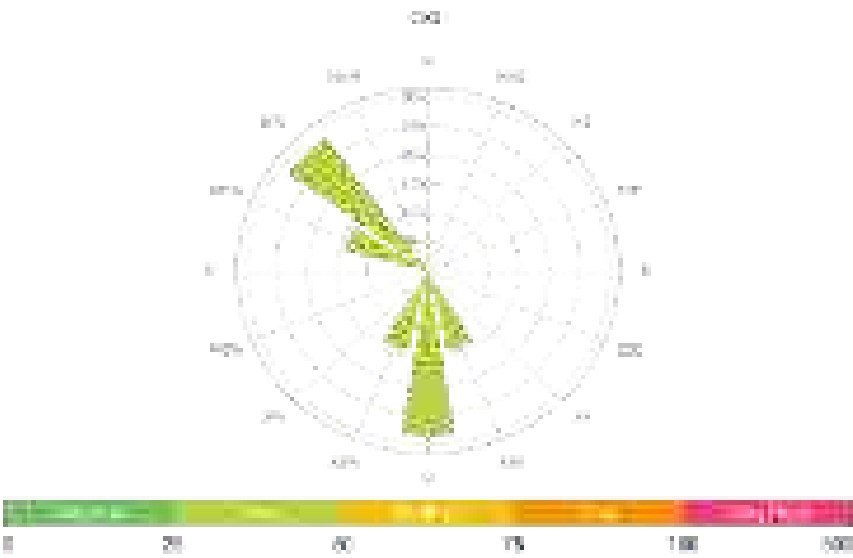
The data shown above is based on Media zilnică.

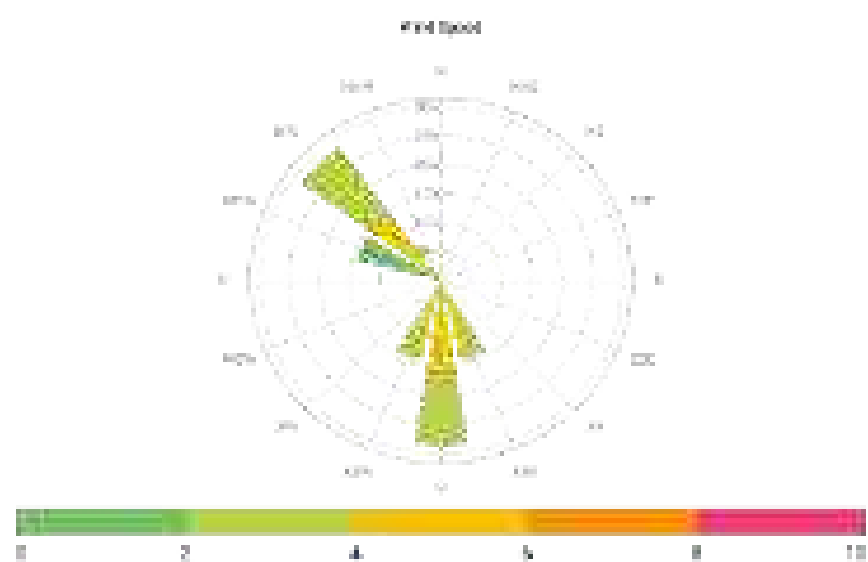
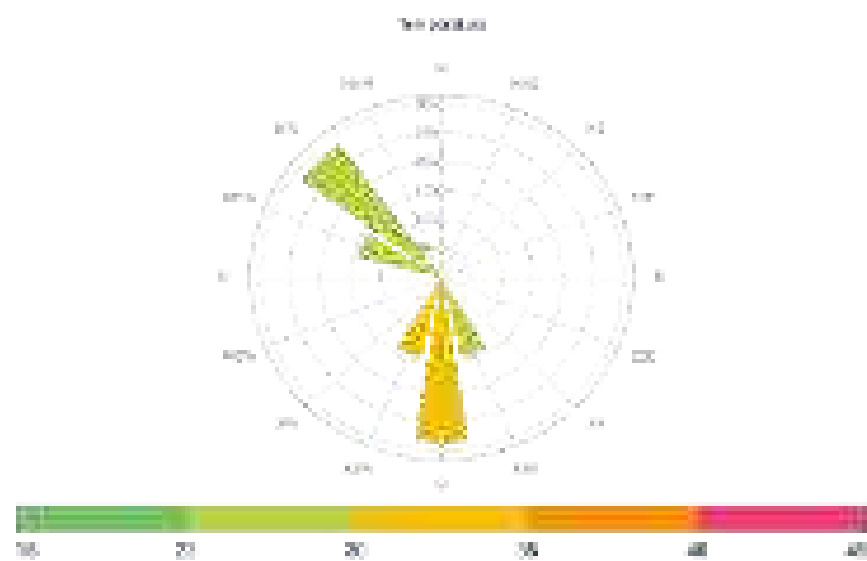
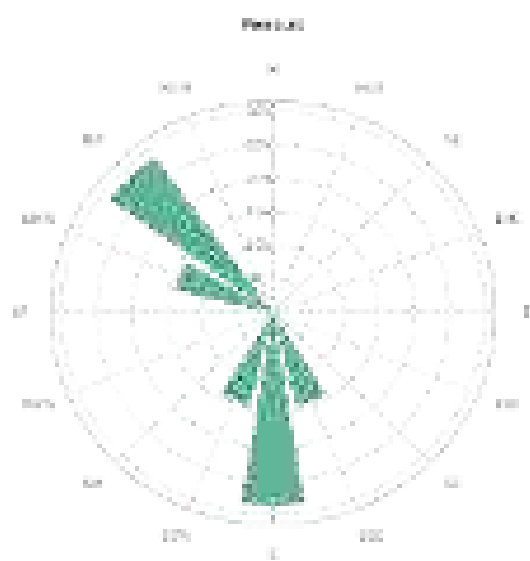
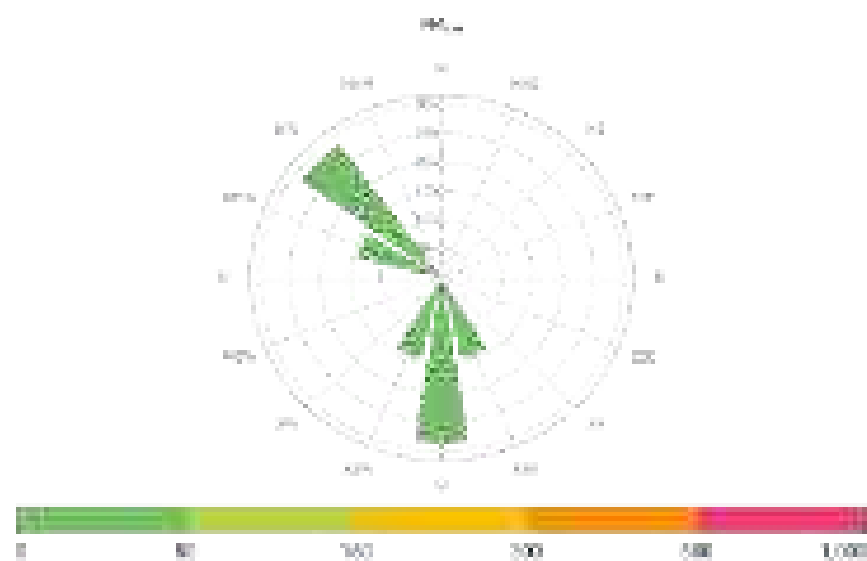
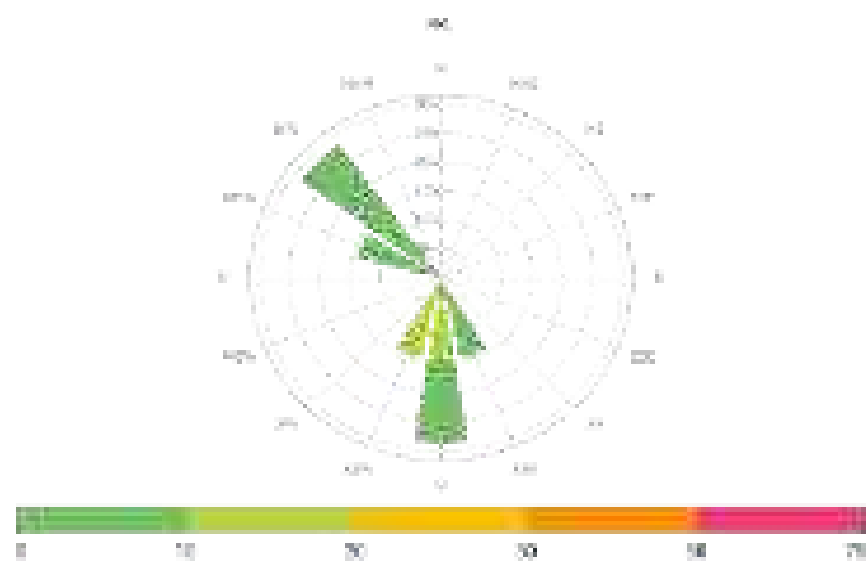
Line Chart: Media zilnică





Pollution Rose Chart: Media zilnică







Insights

- 22/08/2026, 23:59: Consistent Low Air Quality Index: All seven reported days showed a CAQI in the 'Low' zone (26-50), with values consistently ranging between 30 a
- 22/08/2026, 23:59: Persistent Medium Nitrogen Dioxide Levels: NO₂ concentrations remained in the 'Medium' zone (53.15-106.28 µg/m³) throughout the period, with
- 22/08/2026, 23:59: Mostly Very Low Ozone with One Low Peak: Ozone levels were 'Very Low' (0-30.56 µg/m³) on six days, but reached a 'Low' zone value of 35.44 µg
- 20/08/2026, 23:59: Highest CAQI Correlates with Elevated Particulate Matter: The highest CAQI of 39 on Aug 20 corresponded with higher PM_{2.5} (16.1 µg/m³ in 'Low'
- 16/08/2026, 23:59: Lowest Particulate Matter Levels Recorded: On Aug 16, PM_{2.5} was 6.61 µg/m³ ('Very Low') and PM₁₀ was 21.47 µg/m³ ('Very Low'), representing t
- 18/08/2026, 23:59: Elevated Ozone During Cooler, Humid Conditions: The highest O₃ level (35.44 µg/m³, 'Low' zone) occurred on Aug 18, coinciding with the lowest t
- 17/08/2026, 23:59: Peak Sulfur Dioxide Concentration Detected: Aug 17 showed the highest SO₂ concentration at 7.33 ppb, accompanied by a 'Medium' NO₂ of 70.1
- 21/08/2026, 23:59: Noteworthy Variation in Carbon Monoxide Levels: CO levels varied significantly, from a low of 324.29 ppb on Aug 18 to a peak of 384.86 ppb on
- 21/08/2026, 23:59: Correlation Between Particulates and Carbon Monoxide: Higher PM_{2.5} (15.2-16.1 µg/m³) and PM₁₀ (35.53-38.1 µg/m³) on Aug 20 and 21 correlat
- 19/08/2026, 23:59: Inverse Relationship of Wind Speed and CAQI: The lowest CAQI (30) occurred on Aug 18 with the highest wind speed (5.18 m/s), while a lower wi



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	34	67.7	27.16	9.4	25.15
21/08/2026, 23:59	38	74.89	21.05	15.2	35.53
20/08/2026, 23:59	39	74.01	25.22	16.1	38.1
19/08/2026, 23:59	37	72.99	20.22	9.73	25.9
18/08/2026, 23:59	30	58.99	35.44	10.54	26.91
17/08/2026, 23:59	36	70.19	21.8	10.07	29.32
16/08/2026, 23:59	34	67.4	22.85	6.61	21.47



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	327.21	2.55	44.42	7.4	32.85	999.26	29.31	3.46	318.1
21/08/2026, 23:59	100	384.86	2.5	36.54	12.85	44.75	997.07	32.89	3.16	192.64
20/08/2026, 23:59	100	381.6	3.19	40.61	14.01	49.43	998.98	31.31	4.33	172.84
19/08/2026, 23:59	100	334.22	3.57	48.8	7.89	35.96	999.96	27.81	1.18	282.76
18/08/2026, 23:59	100	324.29	5.2	54.21	8.8	37.1	997.55	24.94	5.18	306.89
17/08/2026, 23:59	100	347.07	7.33	34.77	7.98	41.97	996.93	30.17	2.99	172.32
16/08/2026, 23:59	100	331.71	6.13	36.84	4.84	32.42	1001.95	29.59	3.15	164.55

Oizom will not be responsible for Environmental Data accuracy once Validated