



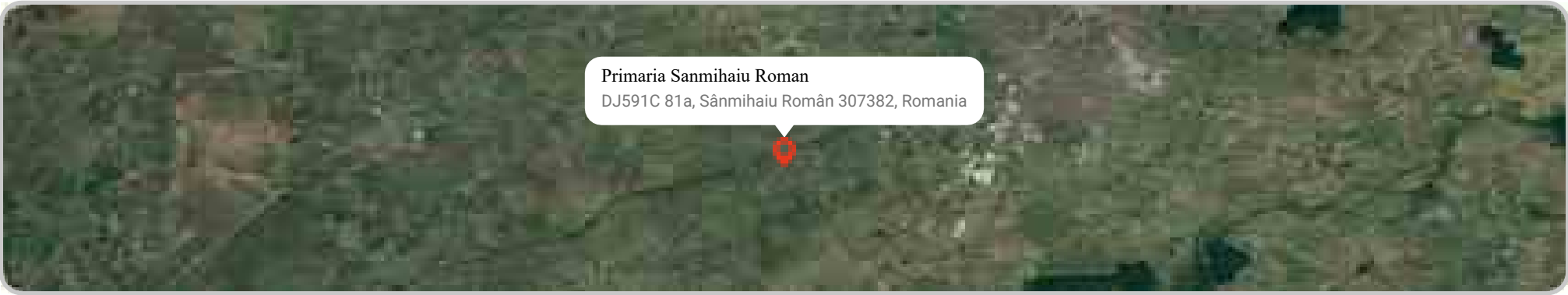
Primaria Sanmihaiu Roman

RAPORT SĂPTĂMÂNAL PRIVIND CALITATEA AERULUI

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

Numele dispozitivului: Primaria Sanmihaiu Roman
Locația dispozitivului: DJ591C 81a, Sânmihaiu Român 307382, 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): 30

Data Summary: AQI Parameters

	CAQI AQI	NO ₂ µg/m ³	O ₃ µg/m ³	PM _{2.5} µg/m ³	PM ₁₀ µg/m ³
Media	30	40.39	62.19	10.83	27.58
Maxim	39	48.99	68.39	17.15	38.71
Data	21/08/2026	19/08/2026	18/08/2026	21/08/2026	21/08/2026
Minim	24	33.33	49.72	5.21	18.58
Data	19/08/2026	16/08/2026	19/08/2026	16/08/2026	16/08/2026

The data shown above is based on Media zilnică.

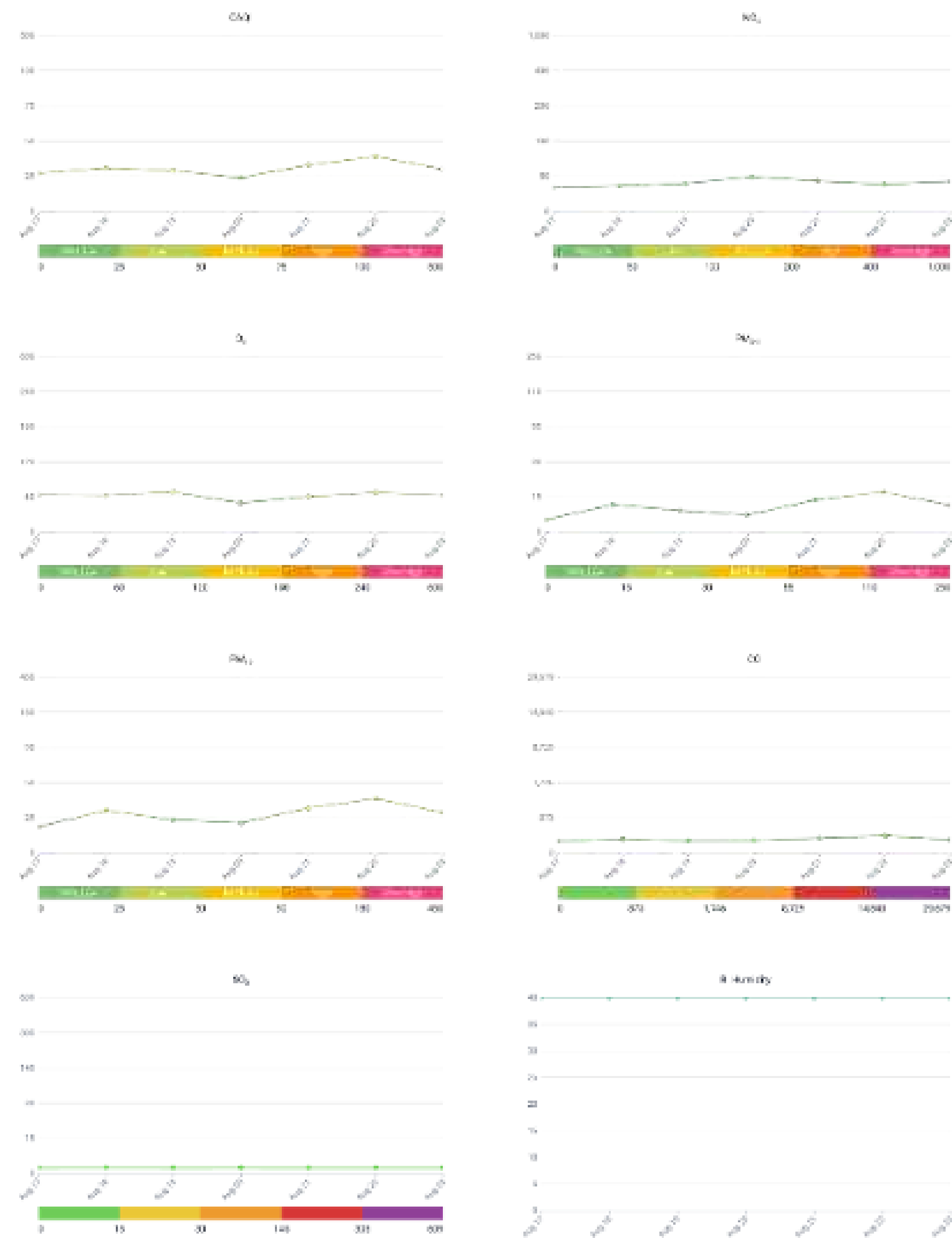


Data Summary: Non-AQI Parameters

	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	100	340.21	2.53	40	9.39	39.93	1003.12	20	1.05	203.55
Maxim	100	422.87	2.58	40	15.24	51.22	1006.22	20	4.6	309.15
Data	22/08/2026	21/08/2026	17/08/2026	22/08/2026	21/08/2026	21/08/2026	16/08/2026	22/08/2026	18/08/2026	18/08/2026
Minim	100	295.35	2.5	40	4.07	31.61	1001.22	20	0.85	338.47
Data	22/08/2026	16/08/2026	22/08/2026	22/08/2026	16/08/2026	16/08/2026	17/08/2026	22/08/2026	19/08/2026	19/08/2026

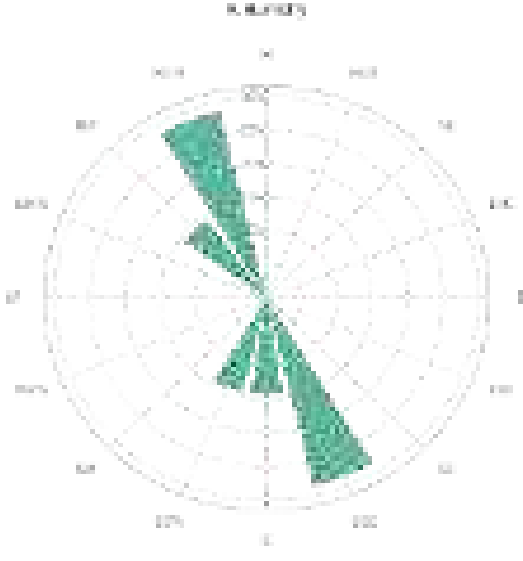
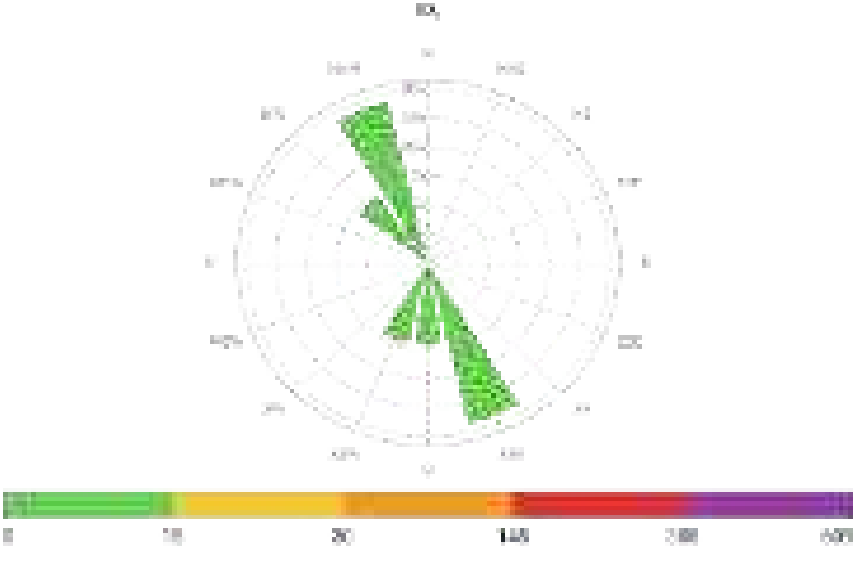
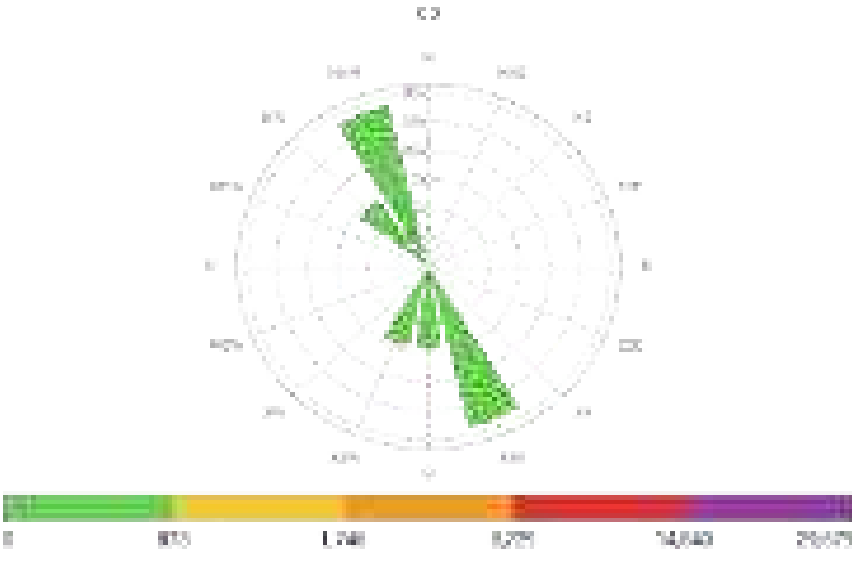
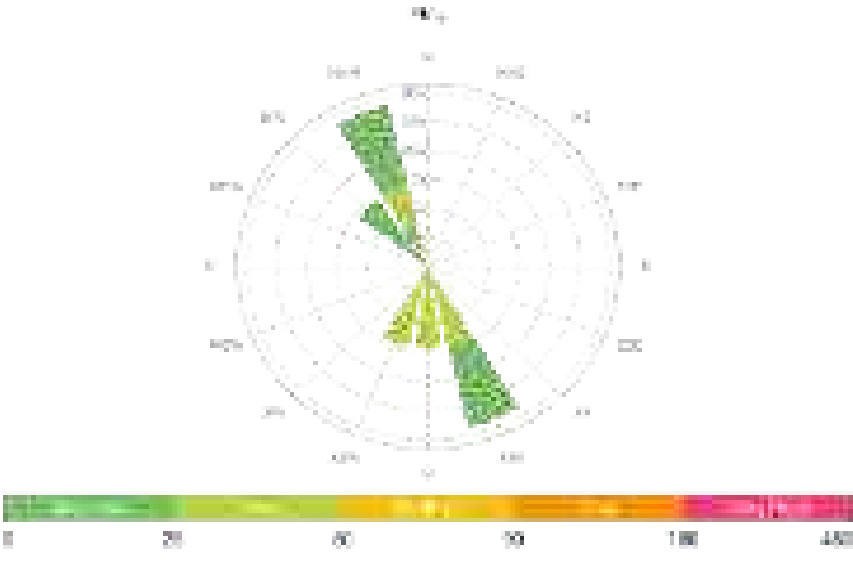
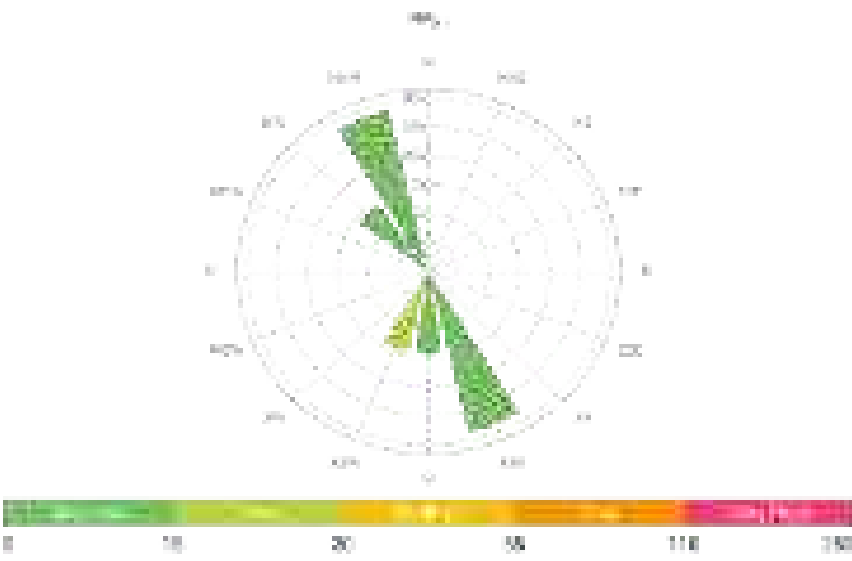
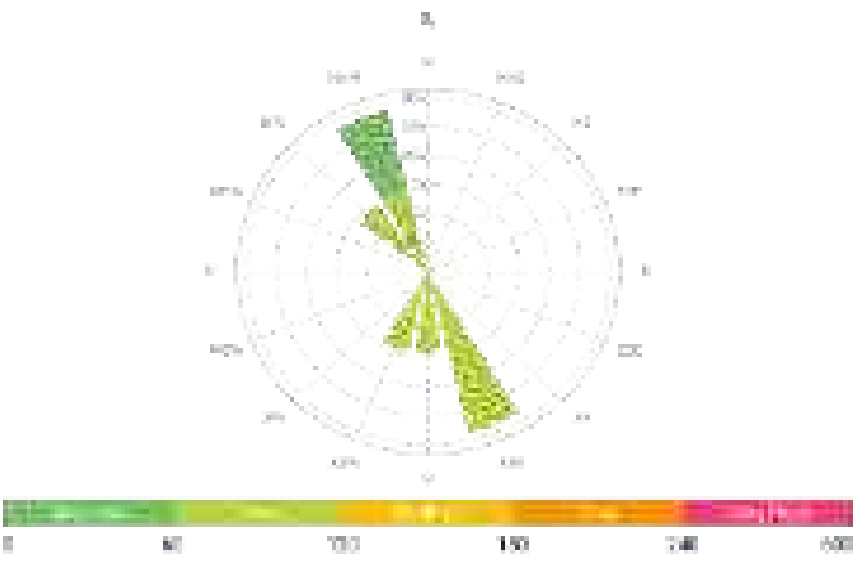
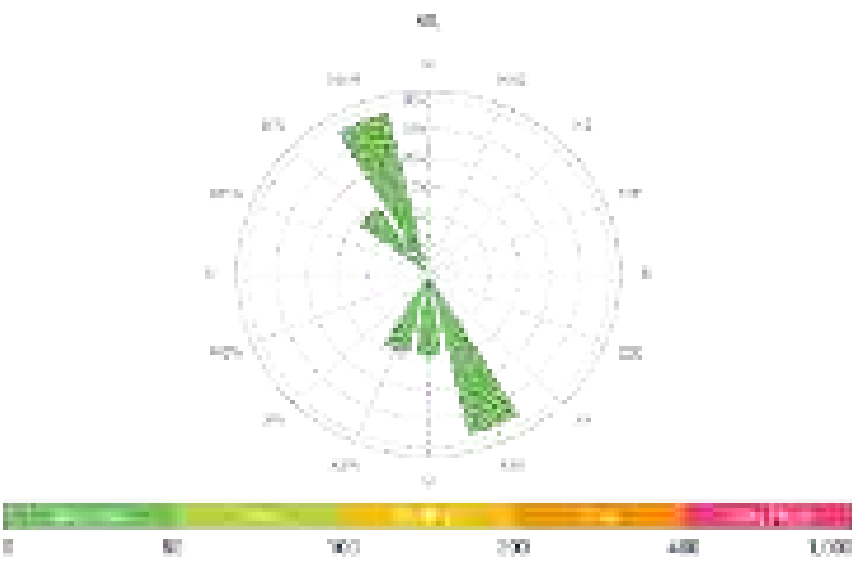
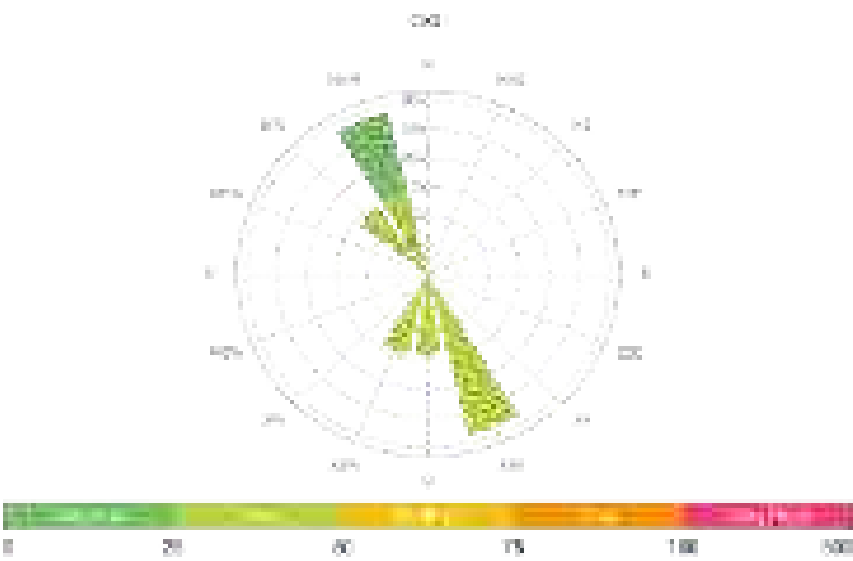
The data shown above is based on Media zilnică.

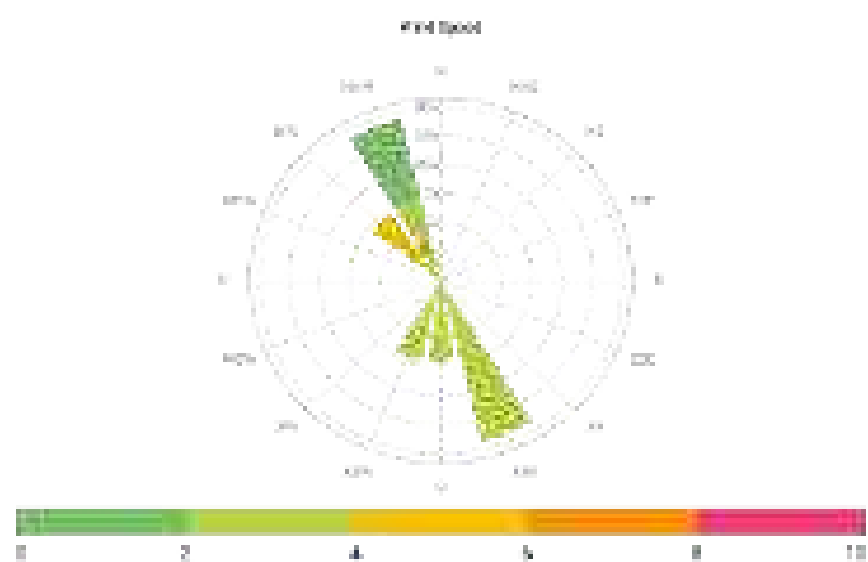
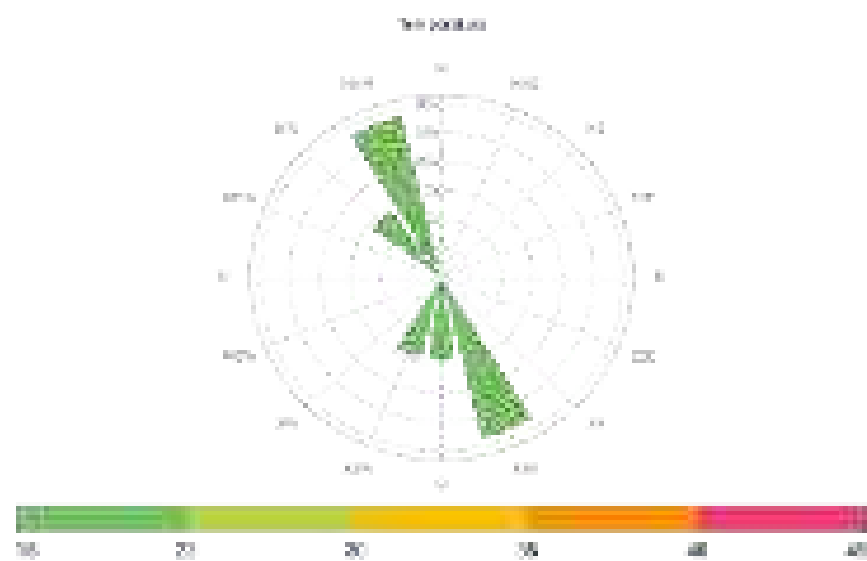
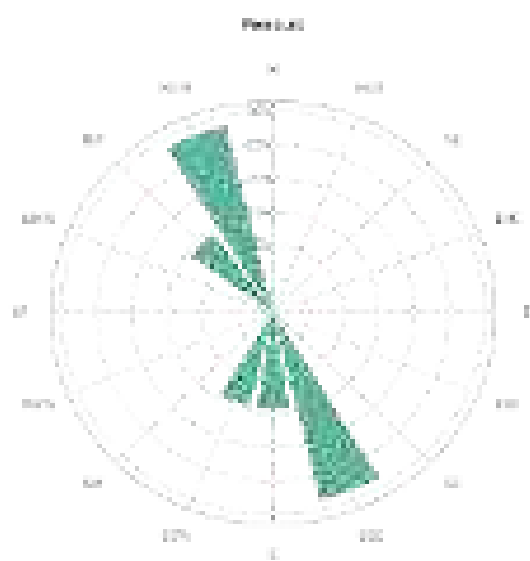
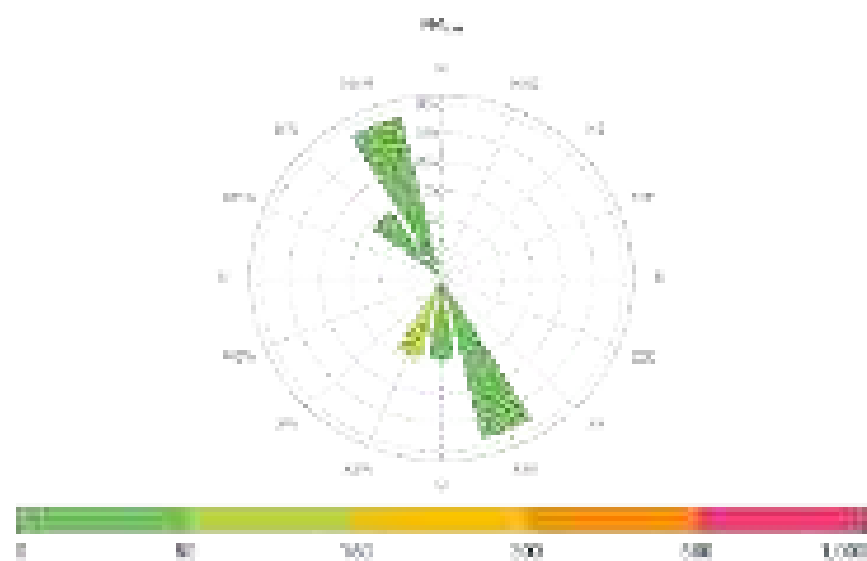
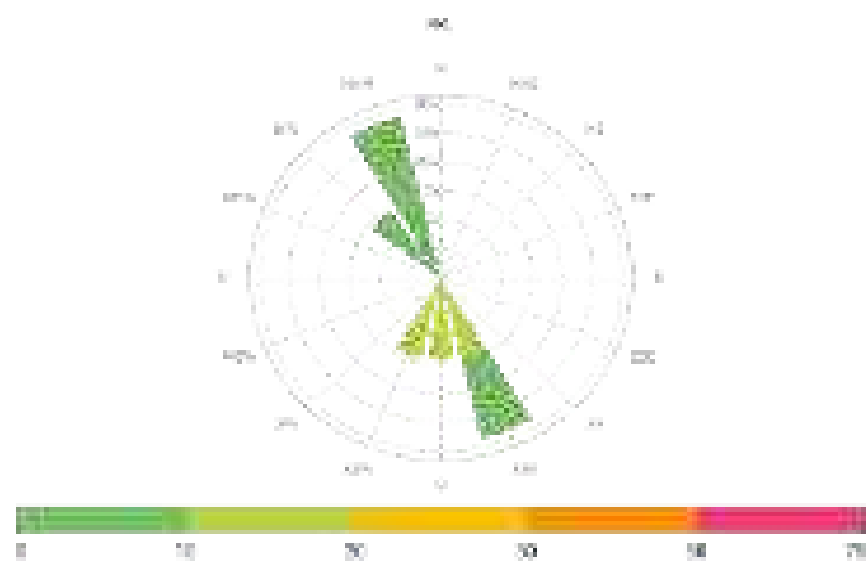
Line Chart: Media zilnică





Pollution Rose Chart: Media zilnică







Insights

- 22/08/2026, 23:59: Consistent Low Nitrogen Dioxide Levels: Nitrogen Dioxide levels remained consistently within the 'Low' zone (26.58-53.14 $\mu\text{g}/\text{m}^3$) throughout the
- 22/08/2026, 23:59: Predominantly Very Low $\text{PM}_{2.5}$ Levels: $\text{PM}_{2.5}$ concentrations were mostly in the 'Very Low' zone (0-15 $\mu\text{g}/\text{m}^3$), reaching a peak of 17.15 $\mu\text{g}/\text{m}^3$ (Lo
- 22/08/2026, 23:59: Overall Air Quality Predominantly Low: The CAQI mostly remained in the 'Low' zone (26-50), with the highest at 39 on August 21 and the lowest at
- 21/08/2026, 23:59: Elevated Particulate Matter and CO: August 21 recorded the highest CAQI (39) alongside peak $\text{PM}_{2.5}$ (17.15 $\mu\text{g}/\text{m}^3$), PM_{10} (38.71 $\mu\text{g}/\text{m}^3$), and CO (
- 19/08/2026, 23:59: Very Low CAQI with Light Wind: The lowest CAQI (24, Very low) occurred on August 19 when wind speed was minimal (0.85 m/s), alongside very
- 22/08/2026, 23:59: Ozone Levels Mostly Medium Zone: Ozone concentrations predominantly resided in the 'Medium' zone (61.13-91.68 $\mu\text{g}/\text{m}^3$), with a minimum of 4
- 22/08/2026, 23:59: PM_{10} Levels Varied from Very Low to Low: PM_{10} levels ranged from 'Very Low' (18.58 $\mu\text{g}/\text{m}^3$) on August 16 to 'Low' (38.71 $\mu\text{g}/\text{m}^3$) on August 21, s
- 16/08/2026, 23:59: Cleanest Particulate Matter Day: August 16 recorded the lowest $\text{PM}_{2.5}$ (5.21 $\mu\text{g}/\text{m}^3$) and PM_{10} (18.58 $\mu\text{g}/\text{m}^3$) concentrations, both in the 'Very Lo
- 19/08/2026, 23:59: Excellent Air Quality Despite Low Wind: On August 19, the CAQI was 24 ('Very low') despite the lowest wind speed (0.85 m/s) for the period, indic
- 21/08/2026, 23:59: CO Levels Correlated with CAQI Peaks: The highest CO level (422.87 ppb) on August 21 corresponded with the highest CAQI (39) for the period, s



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	42.84	62.76	11.44	28.66
21/08/2026, 23:59	39	38.63	67.34	17.15	38.71
20/08/2026, 23:59	33	43.27	60.74	13.75	32
19/08/2026, 23:59	24	48.99	49.72	7.35	21.26
18/08/2026, 23:59	29	39.76	68.39	9.22	23.53
17/08/2026, 23:59	31	35.9	62.72	11.7	30.29
16/08/2026, 23:59	27	33.33	63.69	5.21	18.58



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	332.01	2.5	40	9.92	41.18	1003.48	20	3.33	333.37
21/08/2026, 23:59	100	422.87	2.53	40	15.24	51.22	1001.31	20	3.27	192.64
20/08/2026, 23:59	100	367.56	2.51	40	12.28	43.96	1003.35	20	3.89	175.06
19/08/2026, 23:59	100	314.01	2.54	40	6.19	33.8	1004.29	20	0.85	338.47
18/08/2026, 23:59	100	305.01	2.52	40	7.88	35.2	1002	20	4.6	309.15
17/08/2026, 23:59	100	344.67	2.58	40	10.12	42.55	1001.22	20	3.03	162.38
16/08/2026, 23:59	100	295.35	2.51	40	4.07	31.61	1006.22	20	3.93	150.98

Oizom will not be responsible for Environmental Data accuracy once Validated