



Primaria Lugoj (Gradinita Nr.5)

RAPORT SĂPTĂMÂNAL PRIVIND CALITATEA AERULUI

Timp de la: 23/08/2026, 00:00
Timp până la: 30/08/2026, 00:00

Numele dispozitivului: Primaria Lugoj (Gradinita Nr.5)
Locația dispozitivului: Str. Ceahlăului 19, Lugoj 305500, 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): 23

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	23	15.85	21.88	8.26	22.21
Maxim	31	23.95	29.31	11.61	29.9
Data	29/08/2026	25/08/2026	29/08/2026	26/08/2026	29/08/2026
Minim	10	10.23	16.65	2.66	9.2
Data	23/08/2026	29/08/2026	25/08/2026	23/08/2026	23/08/2026

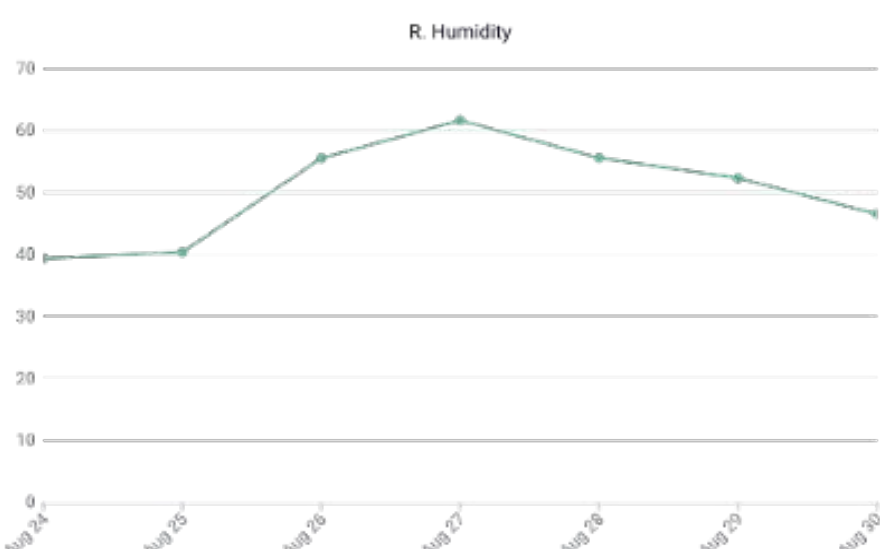
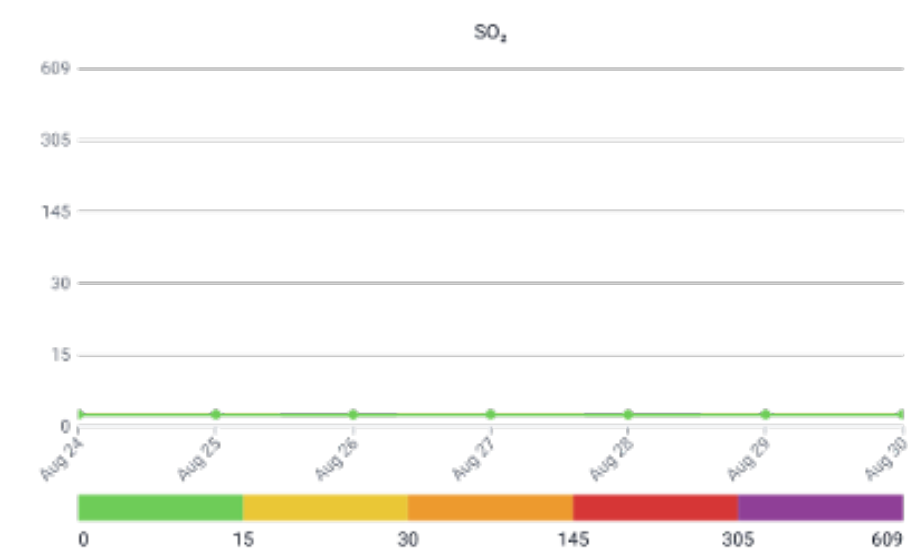
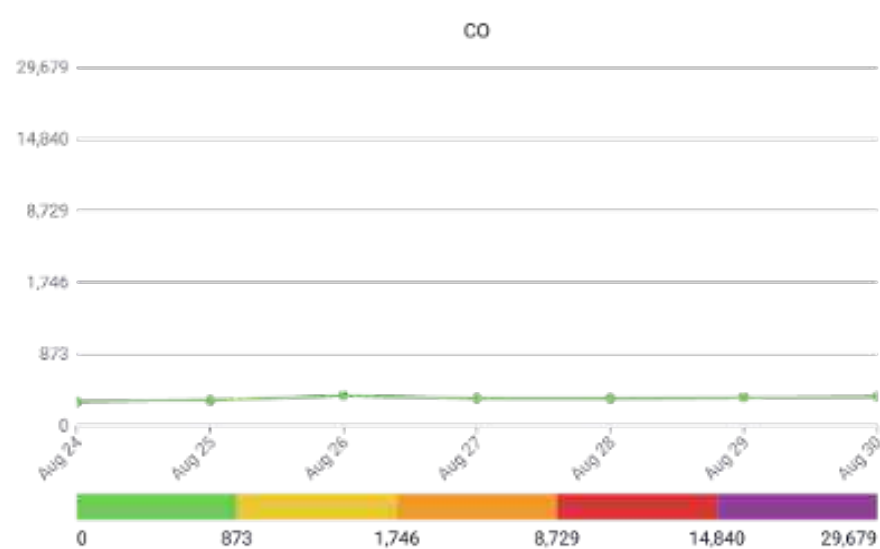
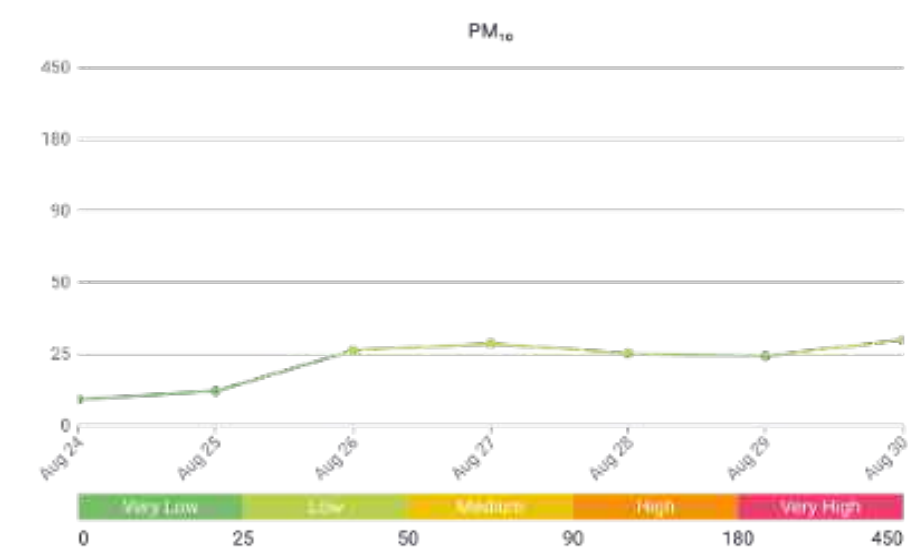
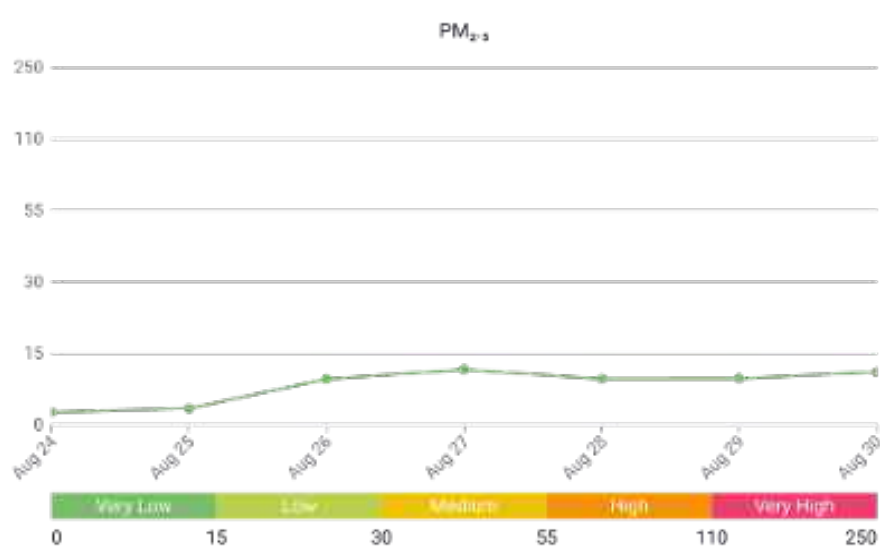
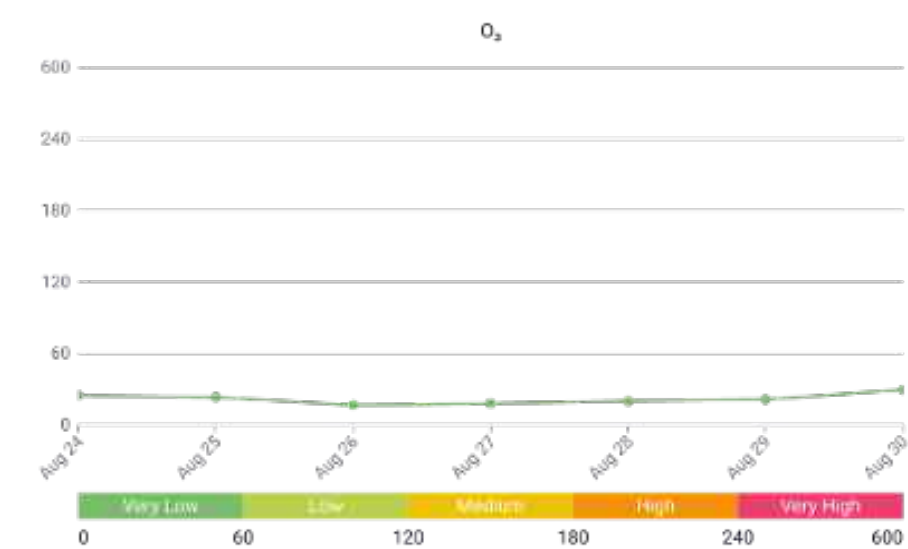
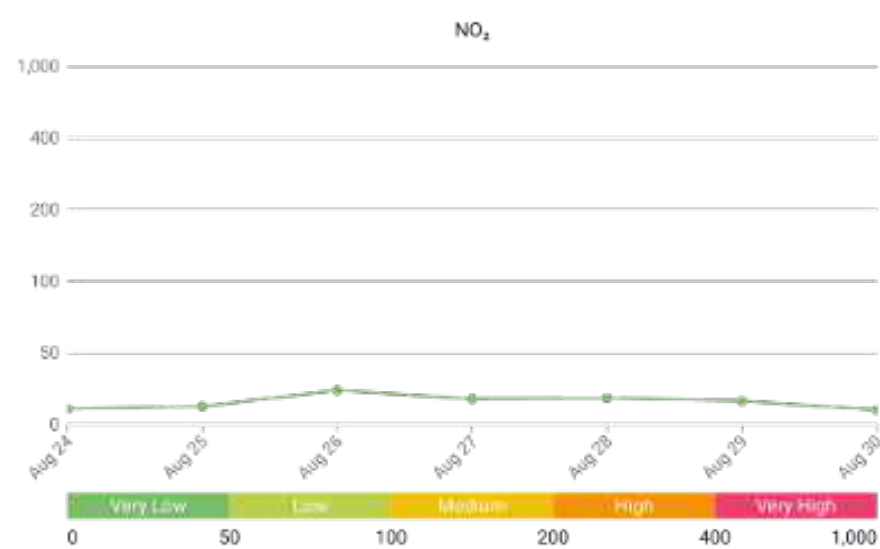
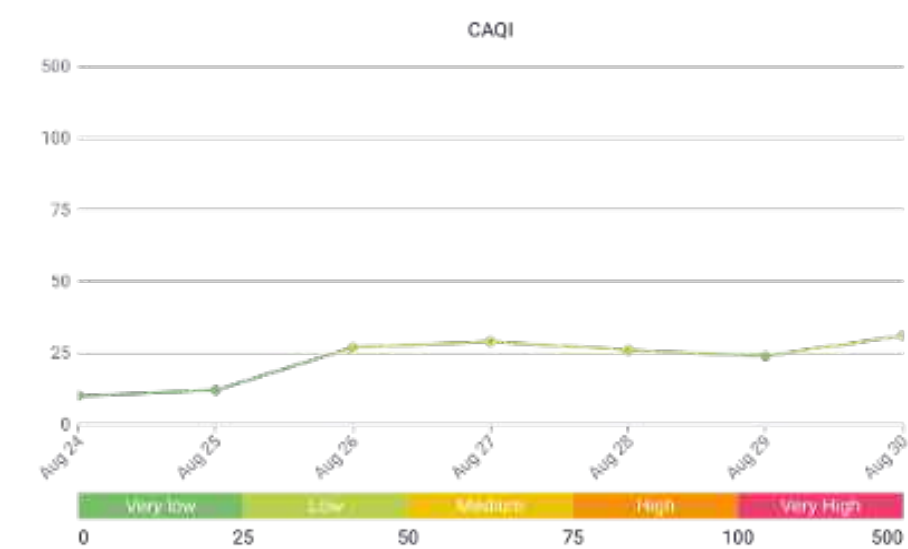
The data shown above is based on Media zilnică.

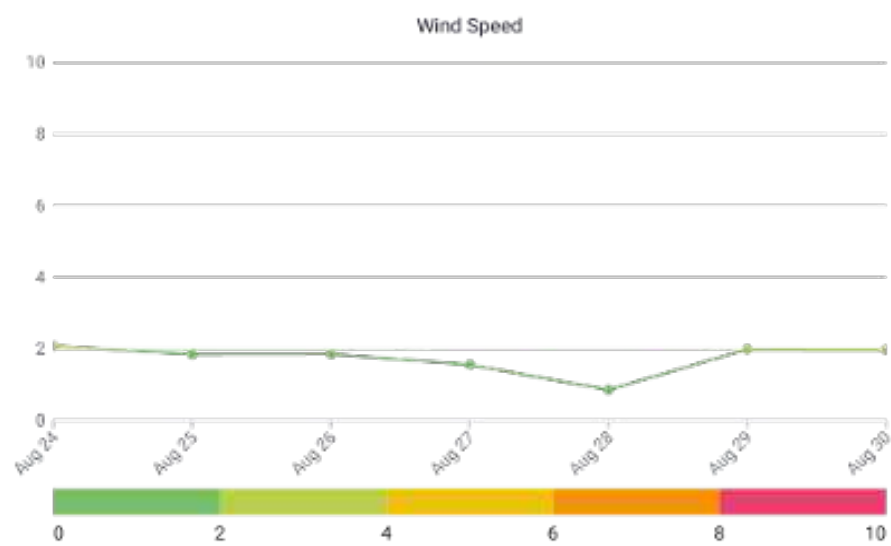
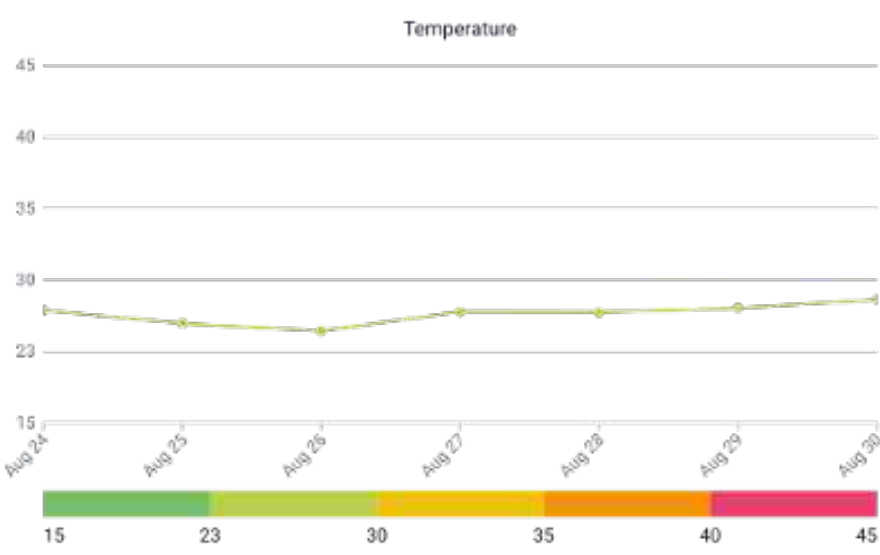
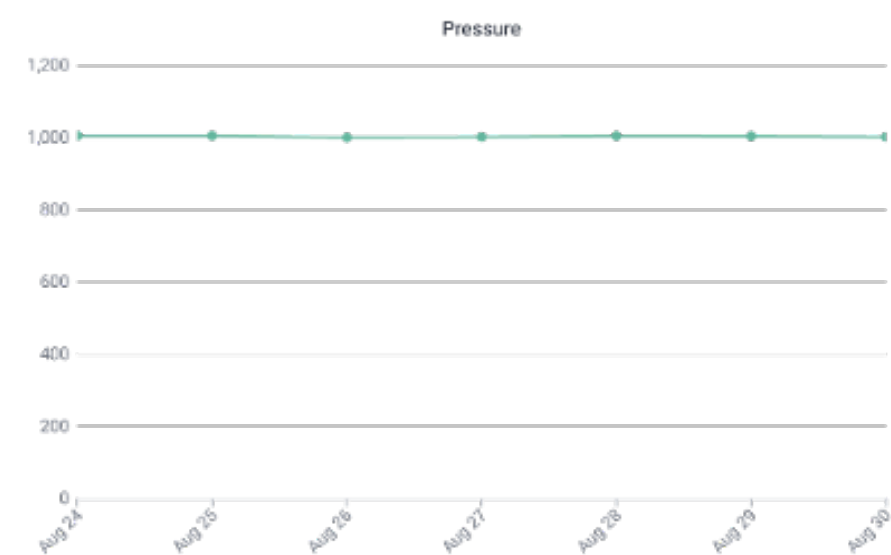
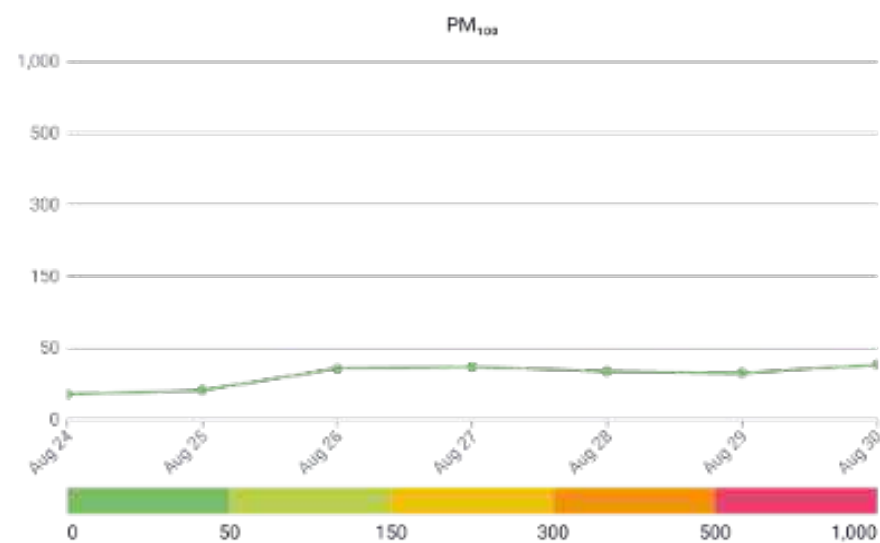
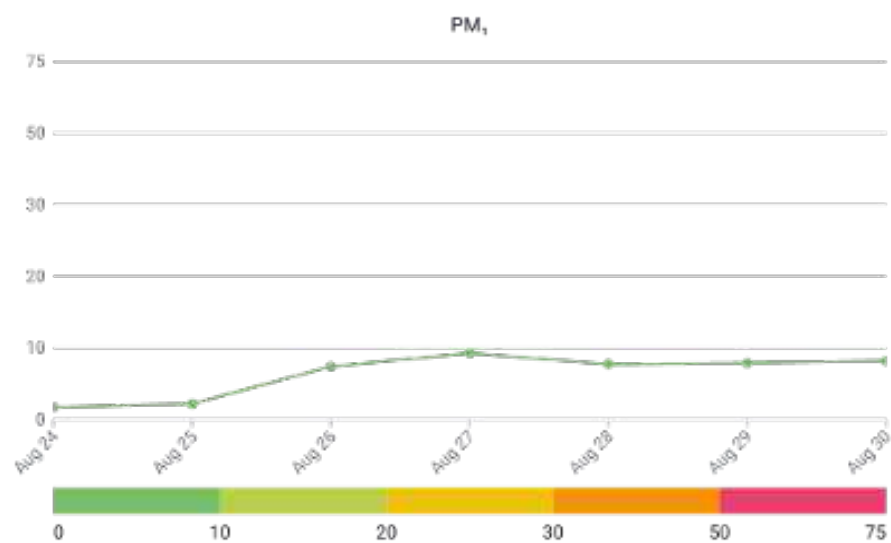
Data Summary: Non-AQI Parameters

	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	332.69	2.5	50.18	6.35	30.72	1003.09	26.68	0.22	78.14
Maxim	100	367.11	2.53	61.62	9.28	38.29	1004.95	28.06	2.09	345.53
Data	29/08/2026	25/08/2026	29/08/2026	26/08/2026	26/08/2026	29/08/2026	23/08/2026	29/08/2026	23/08/2026	23/08/2026
Minim	100	291.71	2.47	39.35	1.72	17.66	1000.24	25	0.86	348.13
Data	29/08/2026	23/08/2026	27/08/2026	23/08/2026	23/08/2026	23/08/2026	25/08/2026	25/08/2026	27/08/2026	27/08/2026

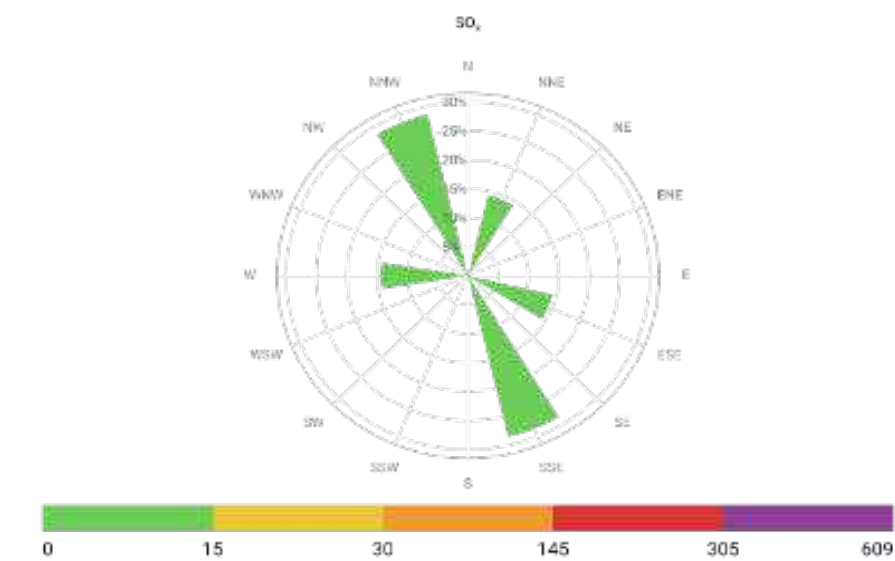
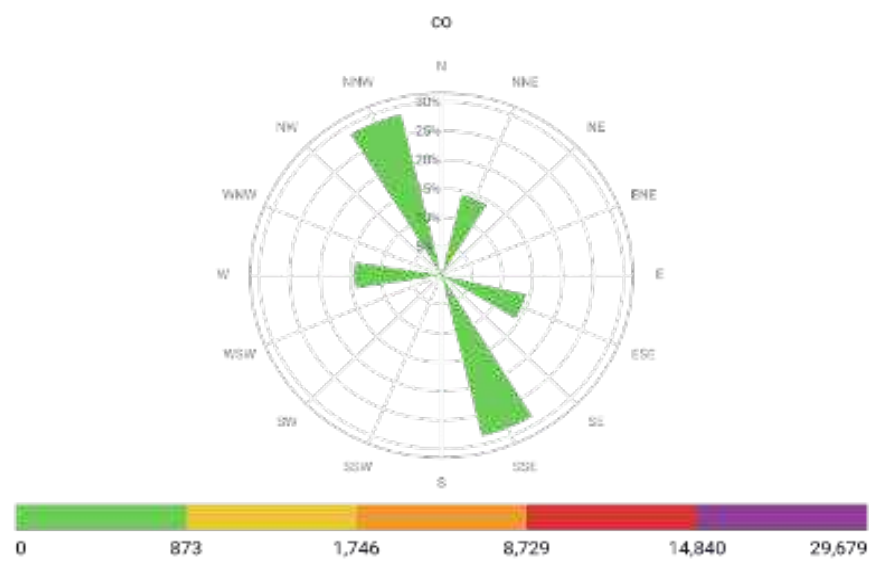
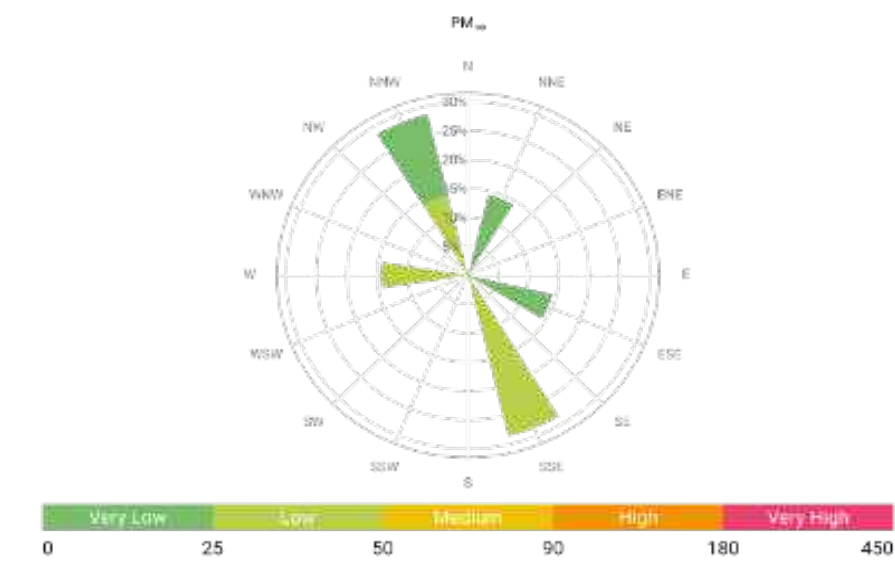
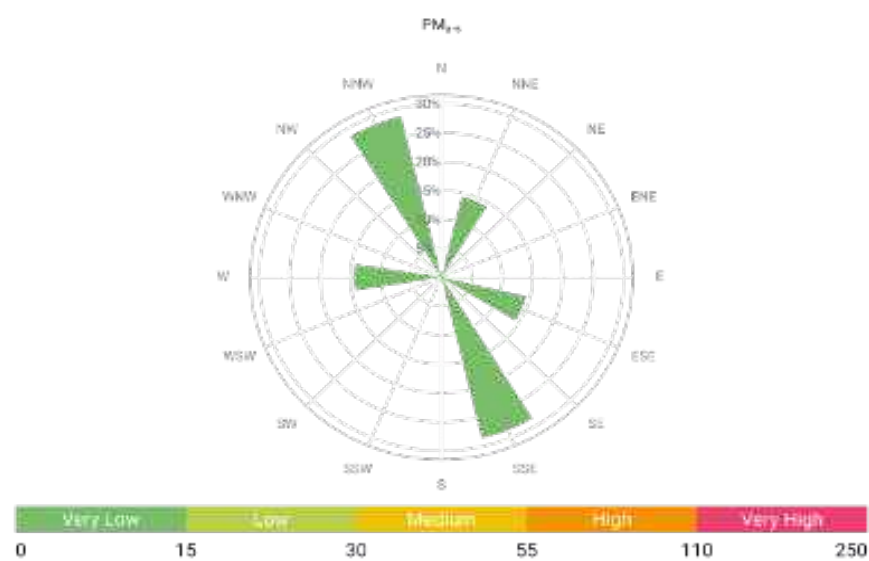
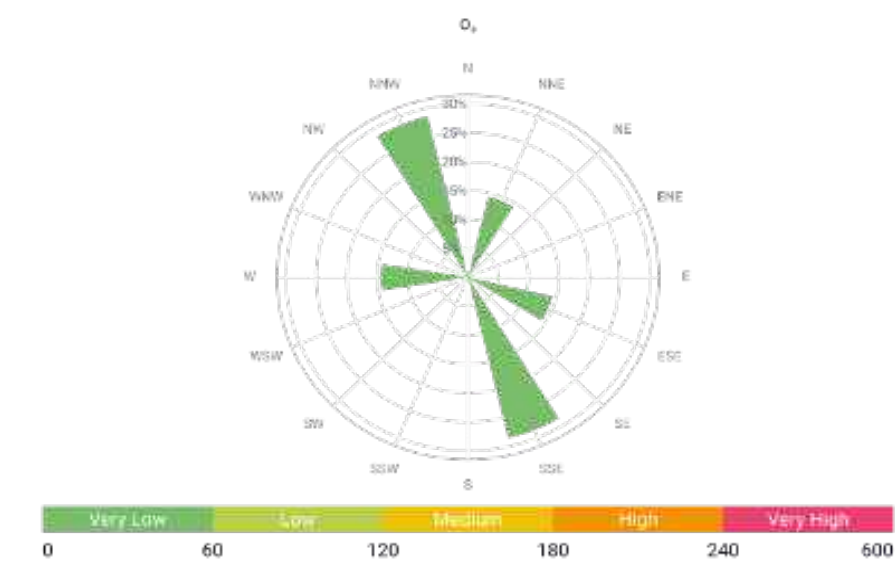
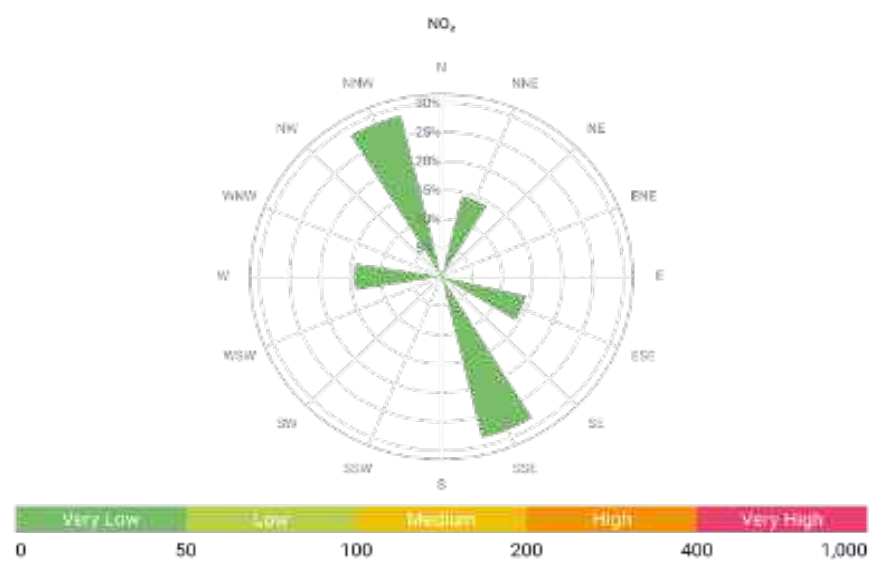
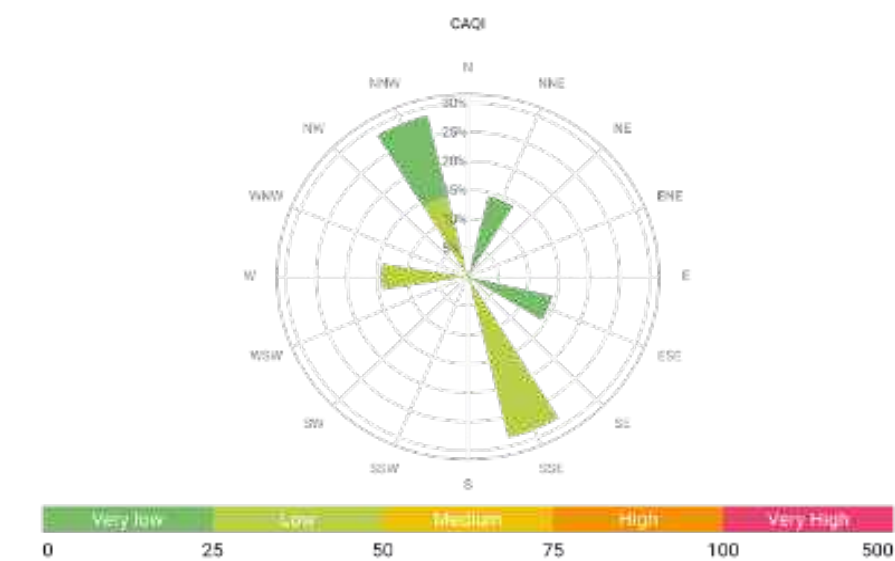
The data shown above is based on Media zilnică.

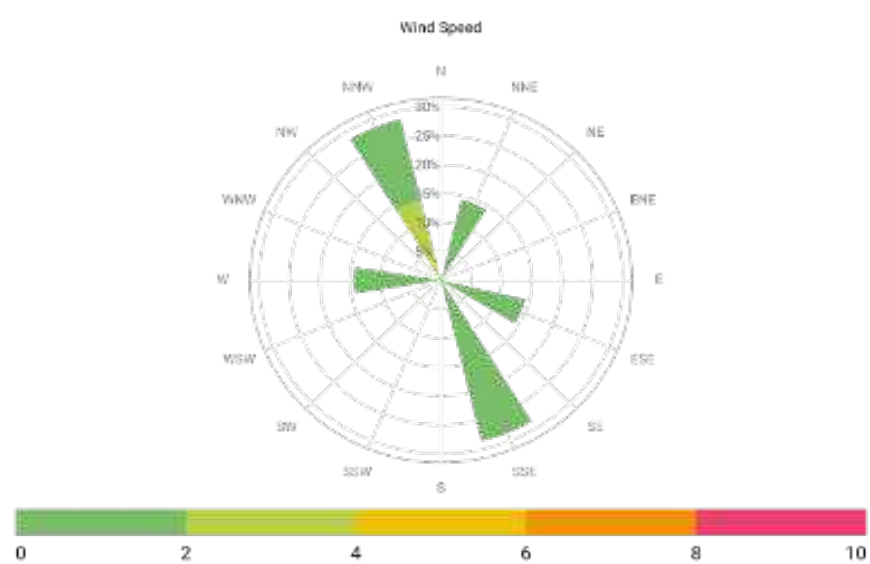
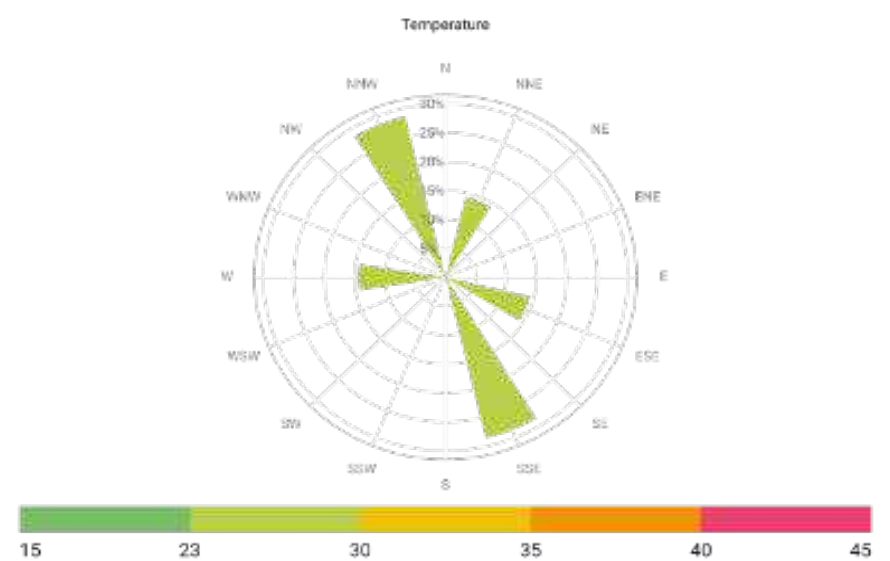
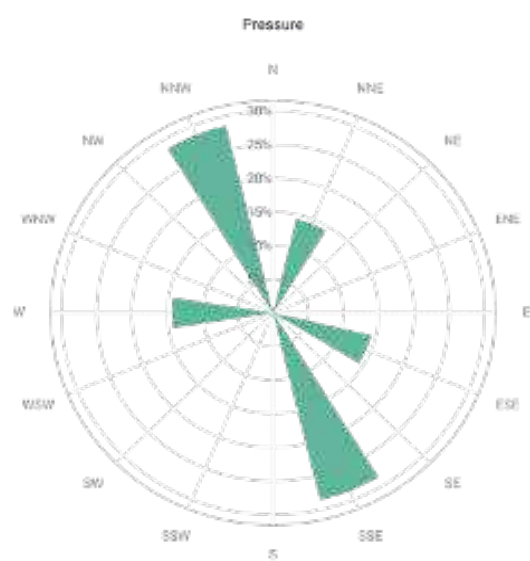
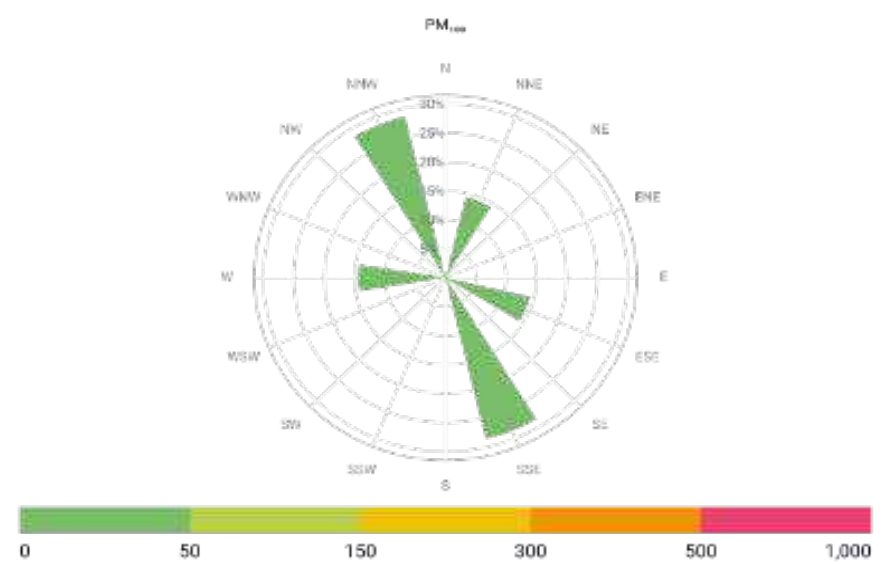
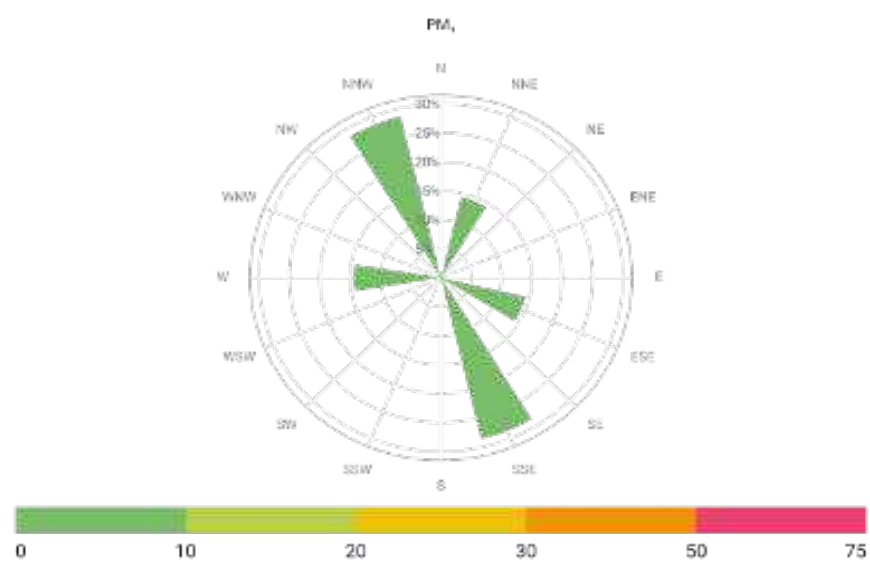
Line Chart: Media zilnică





Pollution Rose Chart: Media zilnică





Insights

- 29/08/2026, 23:59: CAQI Trend: Low to Very Low Air Quality: The CAQI fluctuated between Very Low and Low air quality during the period, peaking at 31 (Low) on Aug 29.
- 29/08/2026, 23:59: PM_{2.5} Levels Consistently Very Low: PM_{2.5} concentrations remained consistently in the Very Low zone (0-15 µg/m³), with a maximum of 11.61 µg/m³ on Aug 29.
- 29/08/2026, 23:59: PM₁₀ Levels Fluctuate Between Zones: PM₁₀ levels varied from Very Low (9.2 µg/m³ on Aug 23) to Low (29.9 µg/m³ on Aug 29), crossing the 25 µg/m³ threshold on Aug 29.
- 29/08/2026, 23:59: Stable Very Low Nitrogen Dioxide Levels: Nitrogen Dioxide (NO₂) remained stable in the Very Low zone (0-26.57 µg/m³) throughout the period, with a maximum of 26.57 µg/m³ on Aug 29.
- 29/08/2026, 23:59: Ozone Levels Consistently Very Low: Ozone (O₃) concentrations consistently stayed within the Very Low zone (0-30.56 µg/m³), with the maximum of 30.56 µg/m³ on Aug 29.
- 29/08/2026, 23:59: Particulate Matter Drives CAQI Changes: Peaks in CAQI closely correlate with higher PM₁₀ and PM_{2.5} levels. The highest CAQI (31) on Aug 29 coincides with the highest PM₁₀ (29.9 µg/m³) and PM_{2.5} (11.61 µg/m³) recorded.
- 23/08/2026, 23:59: Lowest Pollution Day Recorded: August 23 stands out as the cleanest day with the lowest CAQI (10), lowest PM_{2.5} (2.66 µg/m³), and lowest PM₁₀ (9.2 µg/m³).
- 29/08/2026, 23:59: Highest Overall Pollution Day Recorded: August 29 registered the highest CAQI (31), highest O₃ (29.31 µg/m³), and highest PM₁₀ (29.9 µg/m³) for the period.
- 28/08/2026, 23:59: Mid-Period Dip in Air Quality Index: A noticeable dip in CAQI occurred on Aug 28, dropping to 24 (Very Low) from 26-29 (Low) on preceding days, coinciding with lower PM levels.
- 25/08/2026, 23:59: Elevated CO and NO₂ on August 25: On Aug 25, the highest CO (367.11 ppb) and highest NO₂ (23.95 µg/m³) for the period were recorded, contributing to a CAQI of 26 (Low).

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
29/08/2026, 23:59	31	10.23	29.31	11.11	29.9
28/08/2026, 23:59	24	16.58	21.34	9.74	24.33
27/08/2026, 23:59	26	18.5	19.97	9.65	25.17
26/08/2026, 23:59	29	17.95	18	11.61	28.62
25/08/2026, 23:59	27	23.95	16.65	9.62	26.23
24/08/2026, 23:59	12	12.73	23.17	3.44	12.03
23/08/2026, 23:59	10	10.99	24.7	2.66	9.2



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
29/08/2026, 23:59	100	352.72	2.53	46.52	8.21	38.29	1001.85	28.06	1.98	147.11
28/08/2026, 23:59	100	342.28	2.5	52.33	7.91	32.46	1003.65	27.24	1.99	108.1
27/08/2026, 23:59	100	331.7	2.47	55.58	7.73	33.67	1004.36	26.83	0.86	348.13
26/08/2026, 23:59	100	333.57	2.52	61.62	9.28	36.73	1001.78	26.89	1.56	261.17
25/08/2026, 23:59	100	367.11	2.47	55.53	7.42	35.73	1000.24	25	1.86	168.43
24/08/2026, 23:59	100	309.74	2.5	40.34	2.2	20.48	1004.82	25.74	1.85	13.51
23/08/2026, 23:59	100	291.71	2.5	39.35	1.72	17.66	1004.95	27.02	2.09	345.53

Oizom will not be responsible for Environmental Data accuracy once Validated