



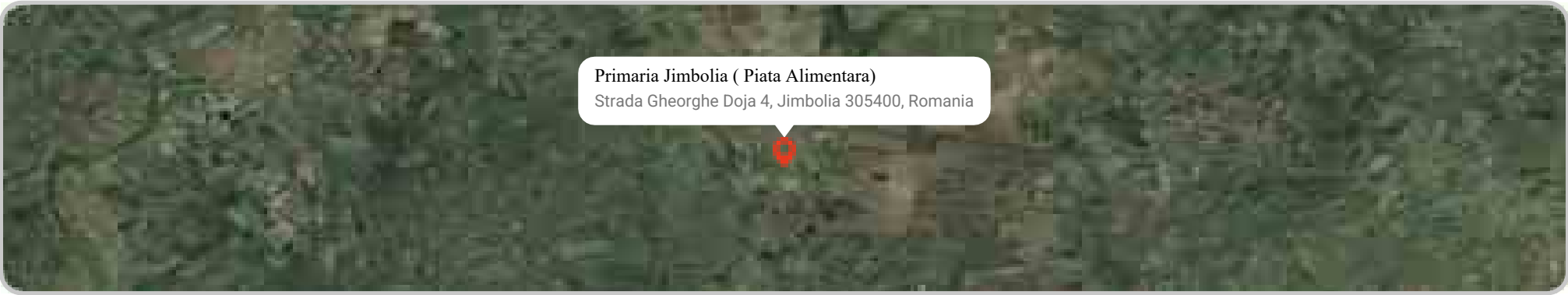
Primaria Jimbolia (Piata Alimentara)

RAPORT SĂPTĂMÂNAL PRIVIND CALITATEA AERULUI

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

Numele dispozitivului: Primaria Jimbolia (Piata Alimentara)
Locația dispozitivului: Strada Gheorghe Doja 4, Jimbolia 305400, 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/m ³	O ₃ µg/m ³	PM _{2.5} µg/m ³	PM ₁₀ µg/m ³
Media	34	48.95	79.68	12.32	25.76
Maxim	36	65.73	86.14	17.66	34.59
Data	21/08/2026	18/08/2026	20/08/2026	20/08/2026	20/08/2026
Minim	32	42.73	72.46	9.9	20.59
Data	19/08/2026	16/08/2026	18/08/2026	17/08/2026	19/08/2026

The data shown above is based on Media zilnică.



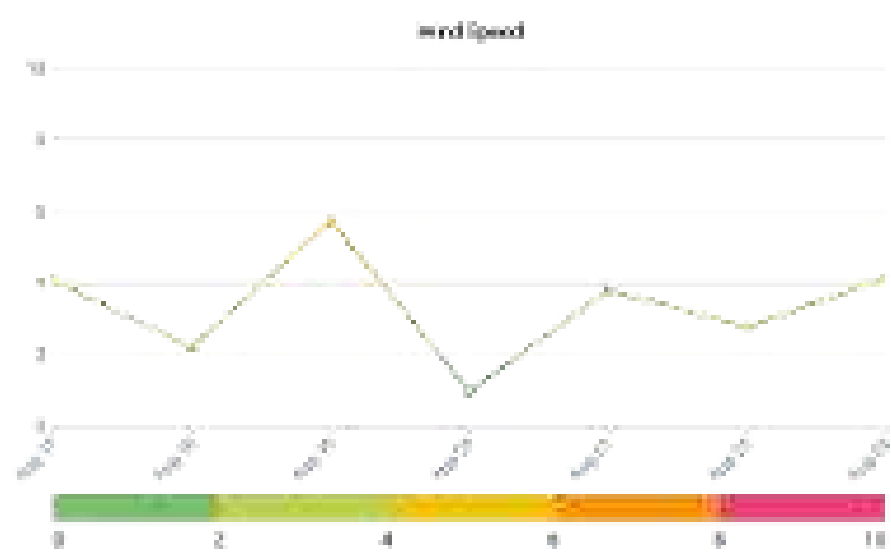
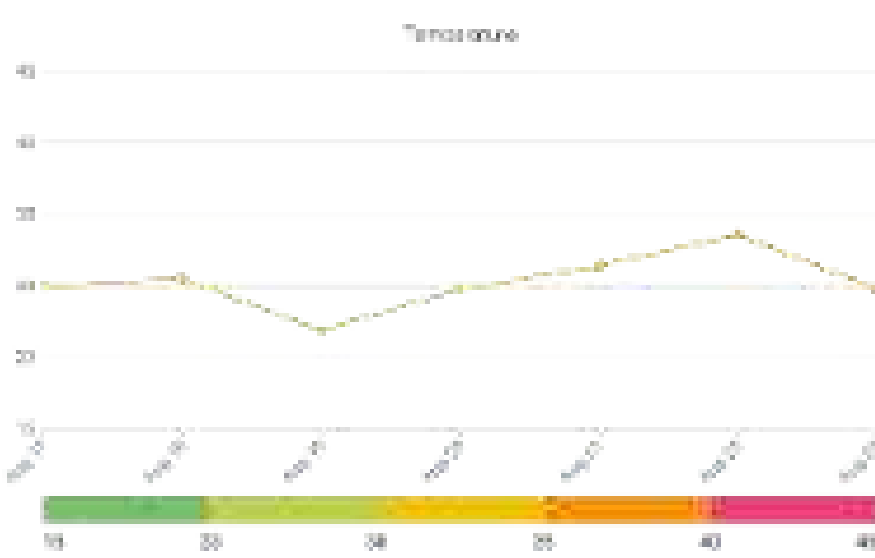
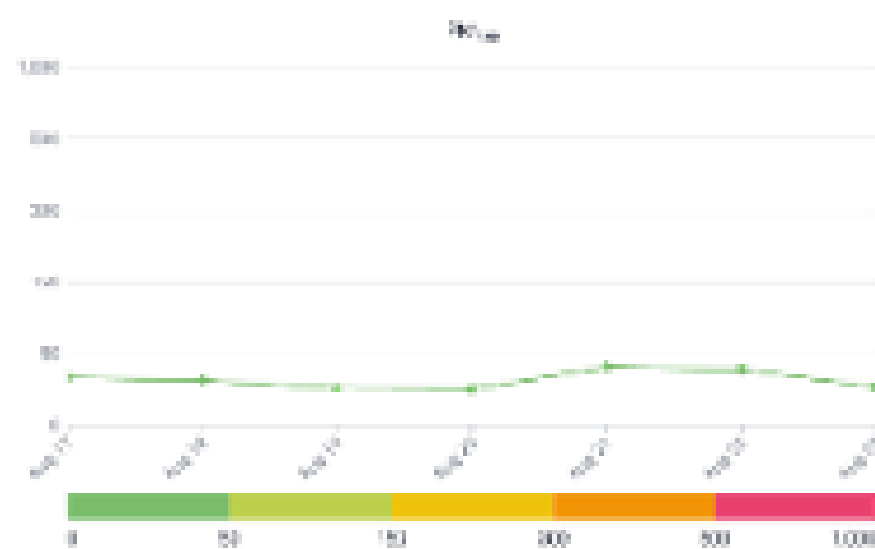
Data Summary: Non-AQI Parameters

	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	356.54	2.5	42.05	10.62	31.93	1002.94	30.07	1.32	237.1
Maxim	100	397.58	2.52	54.5	15.87	41.08	1005.93	33.57	5.76	308.26
Data	22/08/2026	21/08/2026	20/08/2026	18/08/2026	20/08/2026	20/08/2026	16/08/2026	21/08/2026	18/08/2026	18/08/2026
Minim	100	314.21	2.46	35.09	8.21	25.27	1000.9	25.64	0.97	299.33
Data	22/08/2026	18/08/2026	16/08/2026	17/08/2026	17/08/2026	19/08/2026	17/08/2026	18/08/2026	19/08/2026	19/08/2026

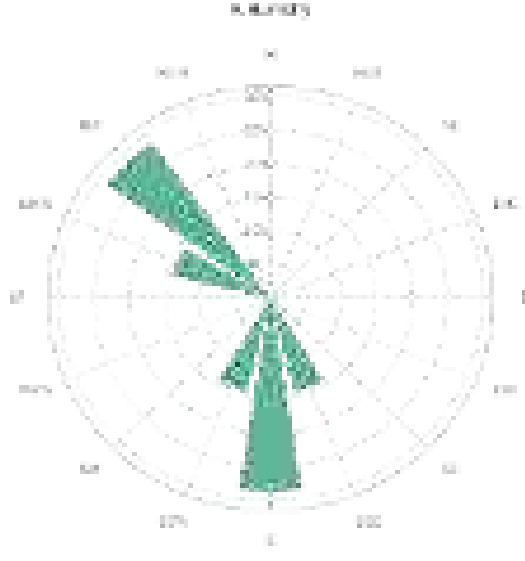
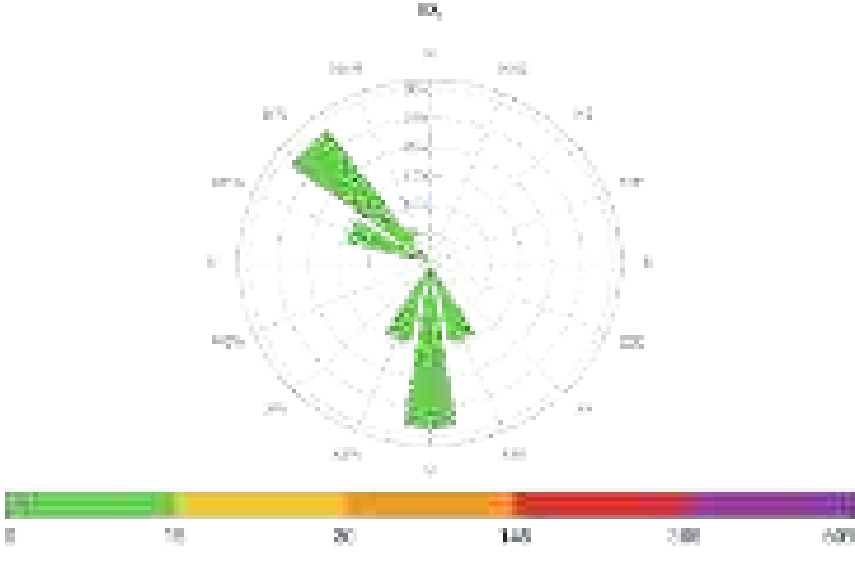
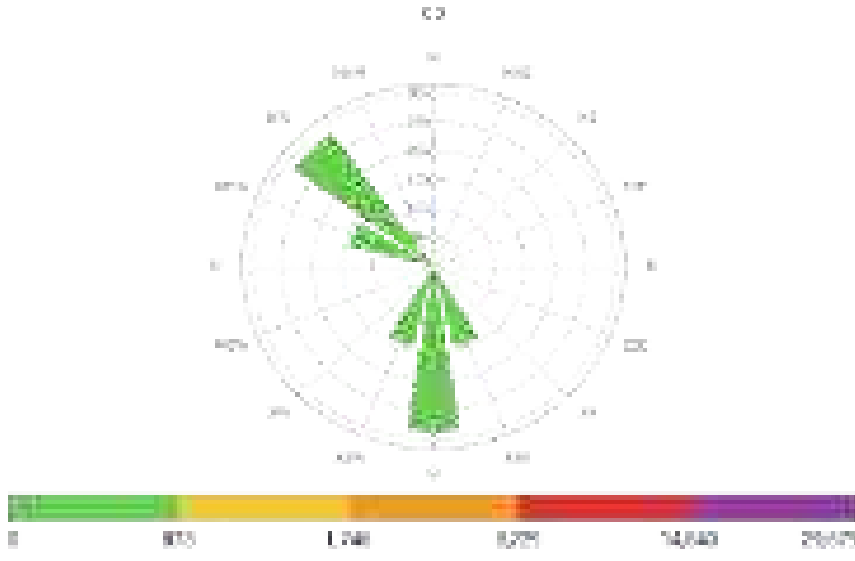
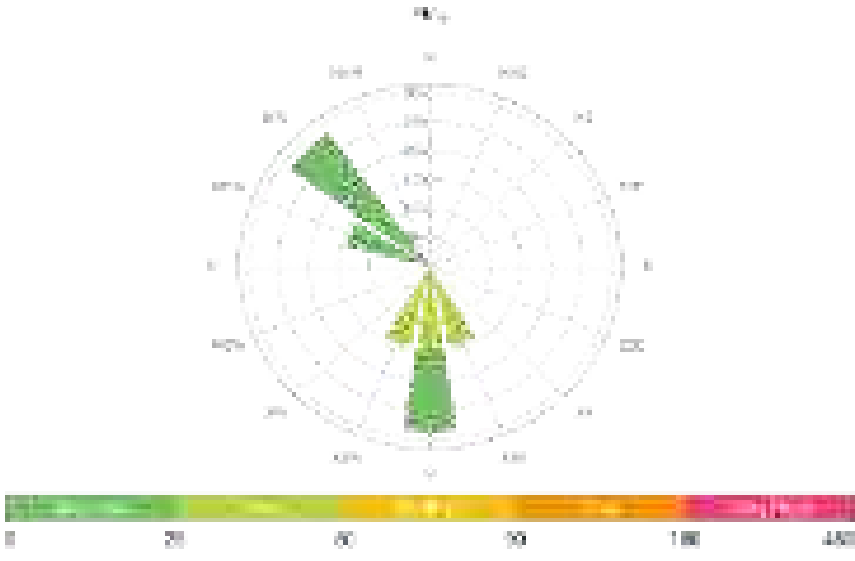
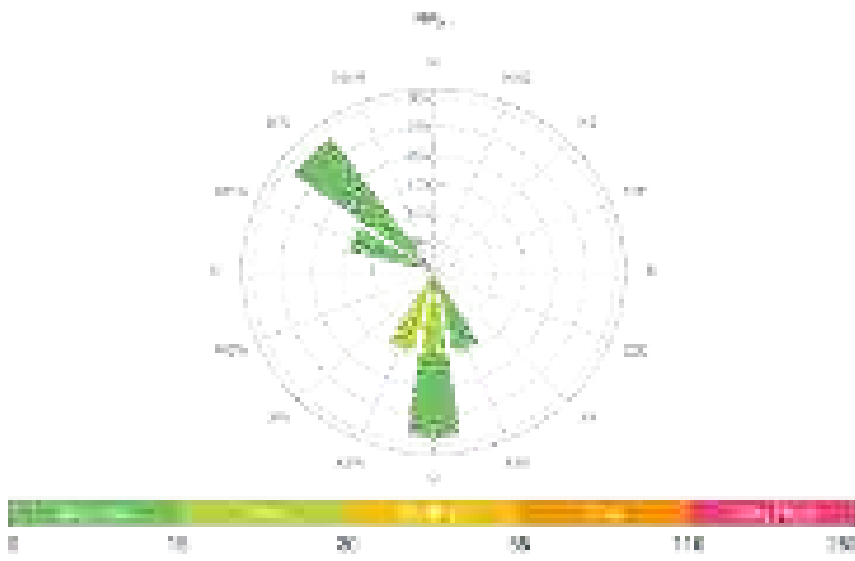
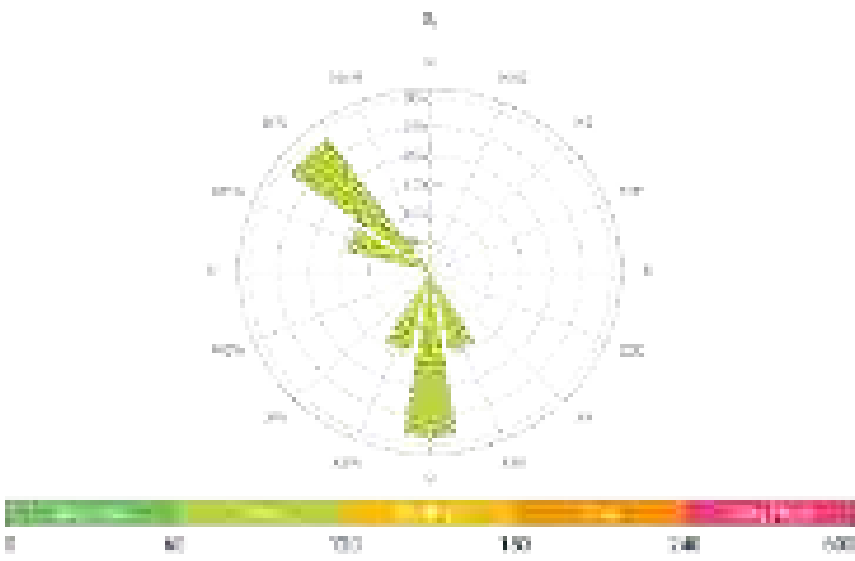
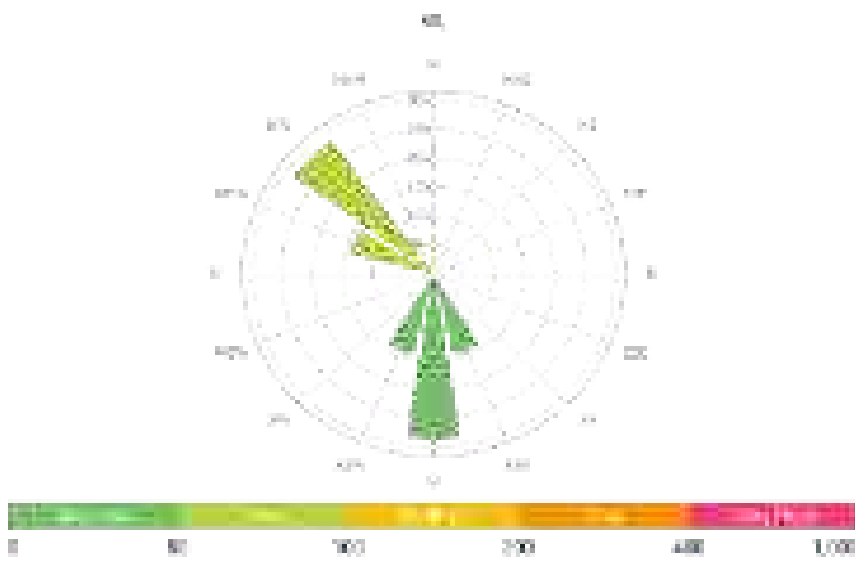
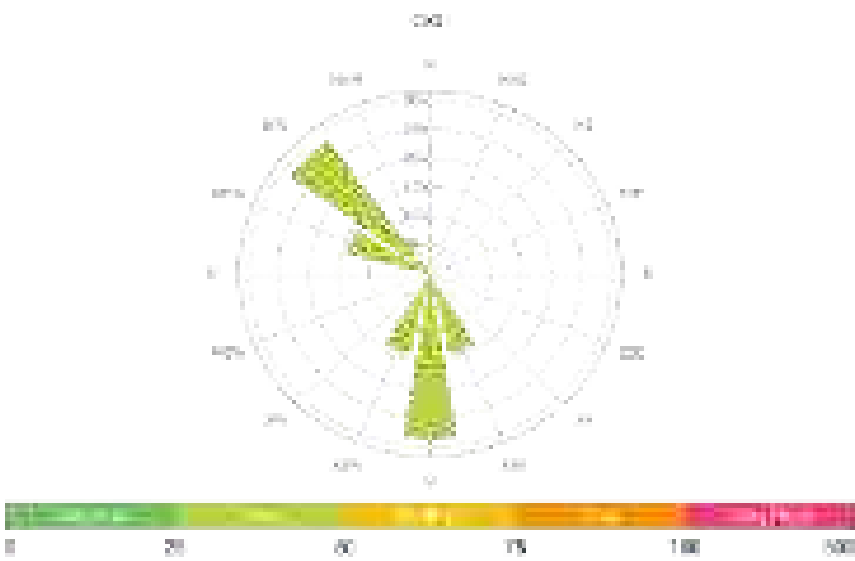
The data shown above is based on Media zilnică.

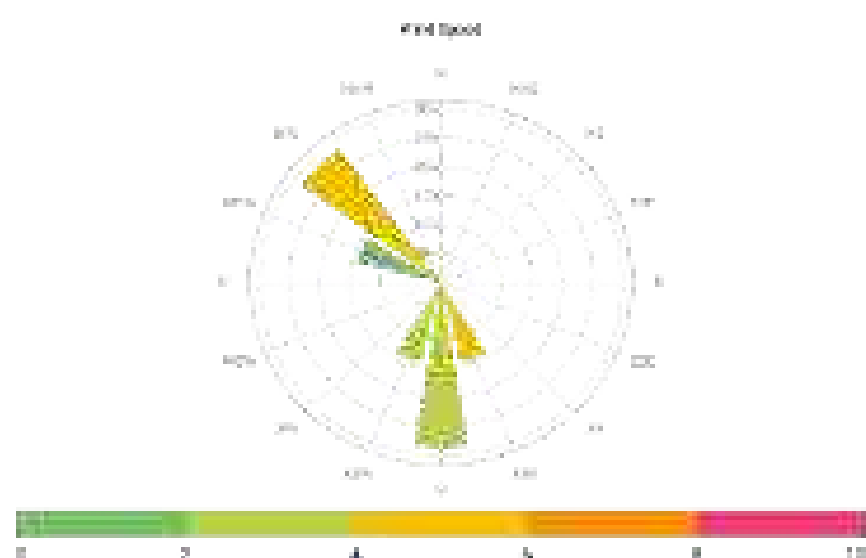
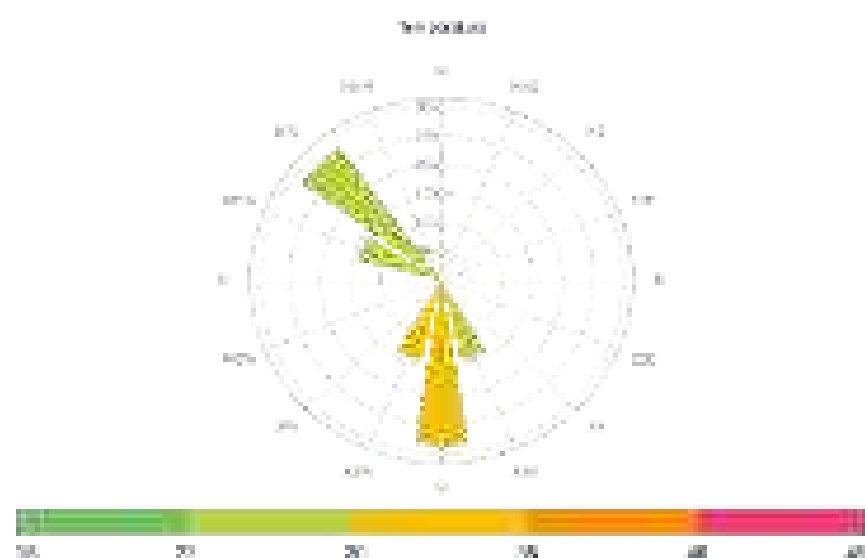
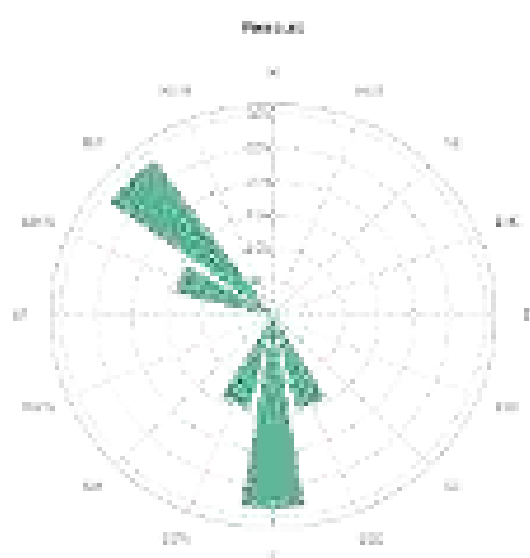
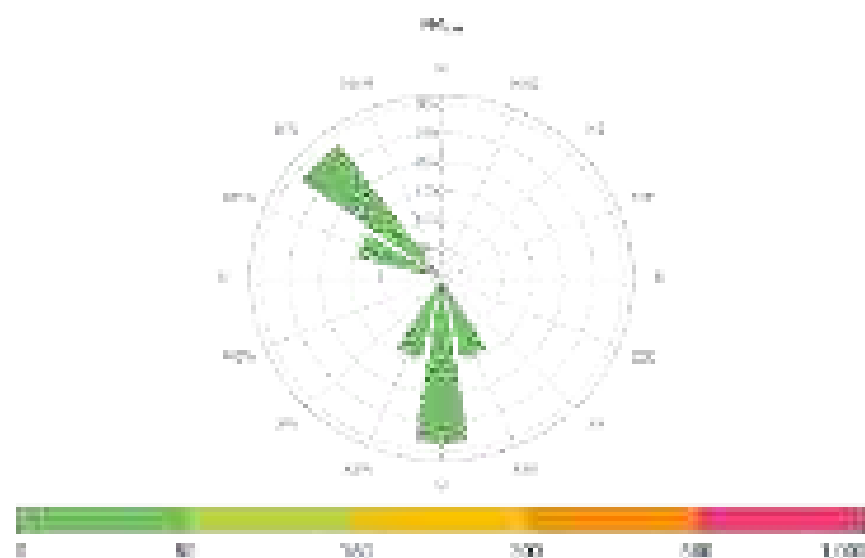
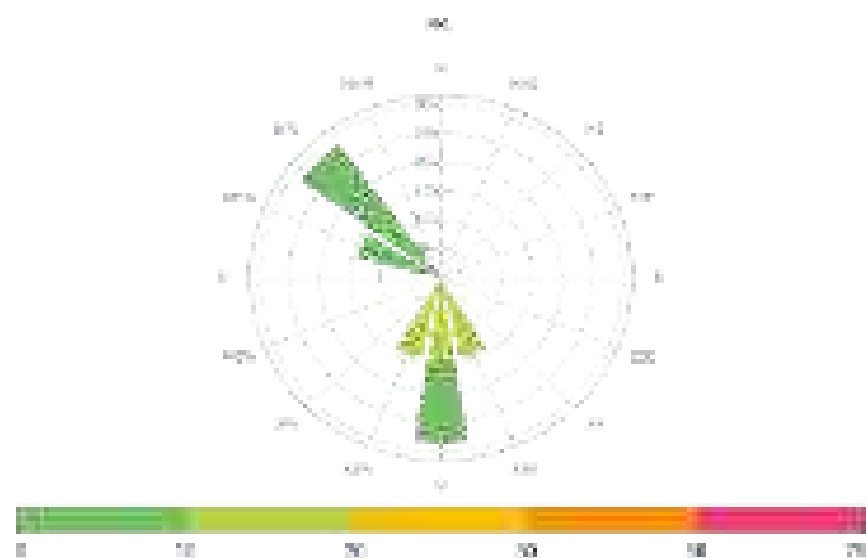
Line Chart: Media zilnică





Pollution Rose Chart: Media zilnică







Insights

- 22/08/2026, 23:59: Consistent Low Air Quality Index: The CAQI remained consistently in the Low zone, ranging from 32 to 36 over the observed period from Aug 16 to 22/08/2026, 23:59.
- 18/08/2026, 23:59: Peak Nitrogen Dioxide Levels: Nitrogen Dioxide reached its highest value of 65.73 $\mu\text{g}/\text{m}^3$ on Aug 18, placing it in the Medium zone, while other days remained in the Low zone.
- 22/08/2026, 23:59: Consistent Medium Ozone Levels: Ozone levels consistently remained in the Medium zone, peaking at 86.14 $\mu\text{g}/\text{m}^3$ on Aug 20 and lowest at 72.46 $\mu\text{g}/\text{m}^3$ on Aug 18.
- 22/08/2026, 23:59: Low and Very Low PM_{2.5} Concentrations: PM_{2.5} concentrations mostly stayed in the Very Low zone, ranging from 9.9 to 11.91 $\mu\text{g}/\text{m}^3$, except on Aug 20 and Aug 21 when they were in the Low zone.
- 22/08/2026, 23:59: Fluctuating PM₁₀ Levels: PM₁₀ concentrations varied, staying in the Very Low zone on Aug 19, Aug 22, Aug 18, Aug 17, but shifted to the Low zone on Aug 20 and Aug 21.
- 21/08/2026, 23:59: Co-occurrence of PM_{2.5} and PM₁₀ Peaks: Higher PM_{2.5} levels on Aug 20 (17.66 $\mu\text{g}/\text{m}^3$) and Aug 21 (15.9 $\mu\text{g}/\text{m}^3$) were accompanied by the high PM₁₀ levels (40.49 $\mu\text{g}/\text{m}^3$ and 39.9 $\mu\text{g}/\text{m}^3$ respectively).
- 18/08/2026, 23:59: Inverse Relationship of NO₂ and O₃: On Aug 18, peak NO₂ (65.73 $\mu\text{g}/\text{m}^3$) corresponded with the lowest O₃ (72.46 $\mu\text{g}/\text{m}^3$), suggesting an inverse correlation.
- 21/08/2026, 23:59: Temperature and Ozone Levels: The highest temperature of 33.57°C on Aug 21 coincided with high O₃ levels (84.49 $\mu\text{g}/\text{m}^3$), while lowest temp on Aug 17 (28.1°C) coincided with low O₃ (72.46 $\mu\text{g}/\text{m}^3$).
- 18/08/2026, 23:59: Elevated NO₂ with High Humidity: The highest NO₂ concentration of 65.73 $\mu\text{g}/\text{m}^3$ on Aug 18 was observed concurrently with the highest relative humidity (92.4%).
- 22/08/2026, 23:59: Generally Low Particulate Matter: All PM_{2.5} and PM₁₀ readings remained within the Very Low to Low zones throughout the observation period, indicating good air quality for particulates.



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	51.66	79.35	10.27	21.73
21/08/2026, 23:59	36	43.66	84.49	15.9	32.39
20/08/2026, 23:59	36	45.72	86.14	17.66	34.59
19/08/2026, 23:59	32	50.03	73.77	9.93	20.59
18/08/2026, 23:59	34	65.73	72.46	10.7	21.53
17/08/2026, 23:59	34	43.11	81.16	9.9	23.21
16/08/2026, 23:59	34	42.73	80.38	11.91	26.25



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	337.02	2.51	45.41	8.52	26.83	1003.66	29.7	4.14	322.75
21/08/2026, 23:59	100	397.58	2.48	37.94	13.92	39.25	1001.15	33.57	2.79	201.63
20/08/2026, 23:59	100	396.19	2.52	41.13	15.87	41.08	1002.87	31.4	3.81	186.72
19/08/2026, 23:59	100	332.71	2.5	44.38	8.41	25.27	1004.06	29.67	0.97	299.33
18/08/2026, 23:59	100	314.21	2.52	54.5	9.23	25.86	1002.02	25.64	5.76	308.26
17/08/2026, 23:59	100	345.81	2.52	35.09	8.21	31.58	1000.9	30.52	2.21	178.84
16/08/2026, 23:59	100	372.28	2.46	35.91	10.15	33.64	1005.93	29.97	4.08	158.15

Oizom will not be responsible for Environmental Data accuracy once Validated