

Primaria Dumbravita

WEEKLY AIR-QUALITY REPORT

Timp de la: **18/01/2026, 00:00**
 Timp până la: **24/01/2026, 23:59**

Numele dispozitivului: **Primaria Dumbravita**
 Locația dispozitivului: **Parcul Central Dumbravita, Strada Petőfi Sándor 77, Dumbrăvița, Romania**

Parametrii: **EAQI , NO₂ , O₃ , SO₂ , PM_{2.5} , PM₁₀ , Wind Speed , Wind Direction , CO , R. Humidity , PM₁ , PM₁₀₀ , Pressure , Temperature**



Media indicelui de calitate al aerului (ICA): **256**

Prezentare generală zilnică: Parametrii indicelui de calitate al aerului (ICA)

	EAQI AQI	NO ₂ μg/m ³	O ₃ μg/m ³	SO ₂ ppb	PM _{2.5} μg/m ³	PM ₁₀ μg/m ³
Average	256	23.31	13.57	3.28	35.67	77.68
Maximum	308	29.27	20.15	3.84	46.58	103.45
Date	20/01/2026	23/01/2026	24/01/2026	18/01/2026	20/01/2026	20/01/2026
Minimum	205	13.4	7.01	2.64	23.05	51.94
Date	24/01/2026	24/01/2026	22/01/2026	23/01/2026	24/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

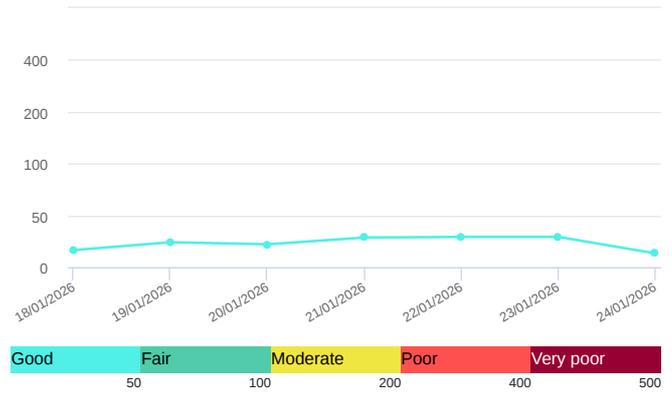
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa	Temperature °C
Average	1.81	106.48	100	533.93	77.58	31.6	106.05	1009.45	0.01
Maximum	3.59	145.93	100	638.85	81.1	39.33	146.43	1026.53	5.58
Date	24/01/2026	24/01/2026	18/01/2026	22/01/2026	18/01/2026	22/01/2026	20/01/2026	19/01/2026	24/01/2026
Minimum	1.42	69.65	100	429.64	72.44	21	72.83	994.4	-4.03
Date	22/01/2026	22/01/2026	18/01/2026	24/01/2026	22/01/2026	24/01/2026	24/01/2026	23/01/2026	19/01/2026

Media zilnică

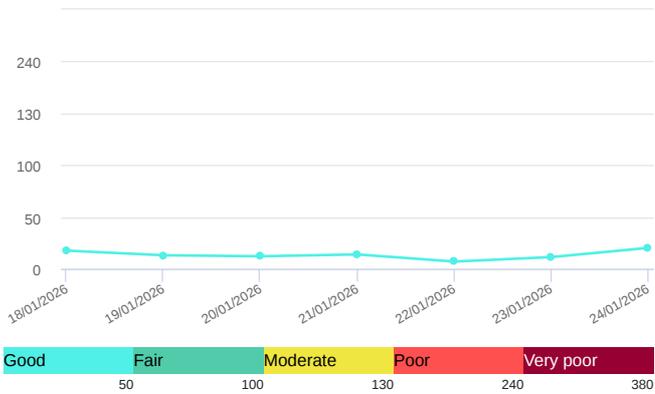
EAQI (AQI)



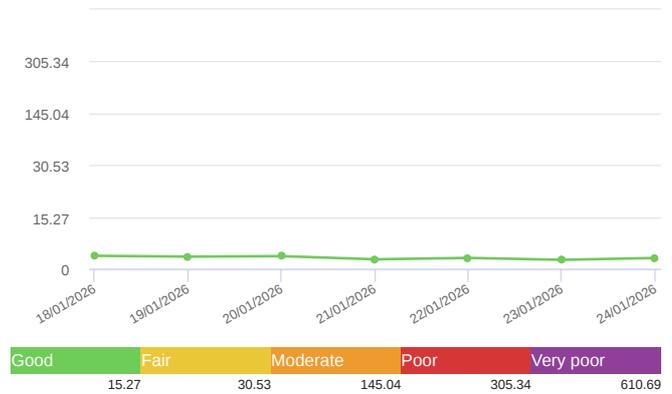
NO₂ (µg/m³)



O₃ (µg/m³)



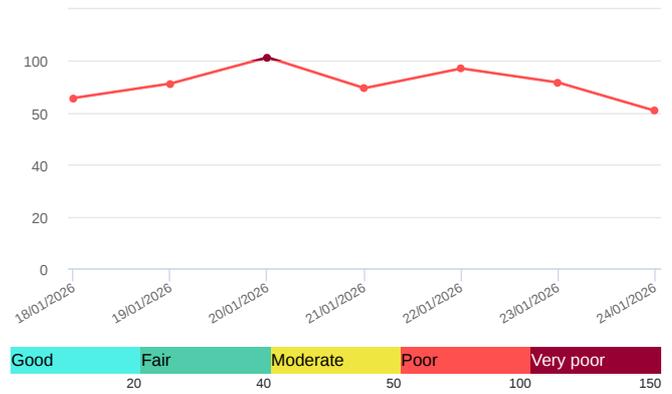
SO₂ (ppb)



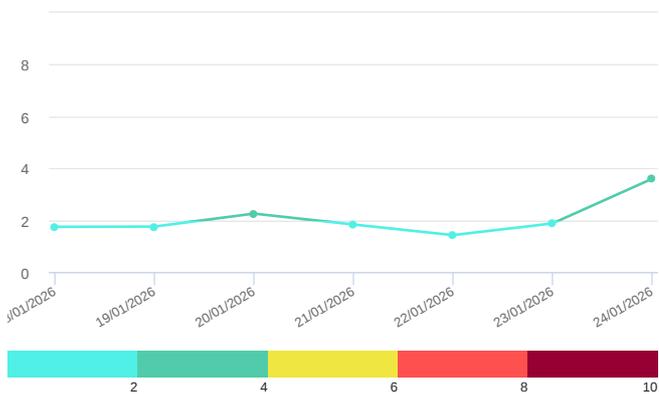
PM_{2.5} (µg/m³)



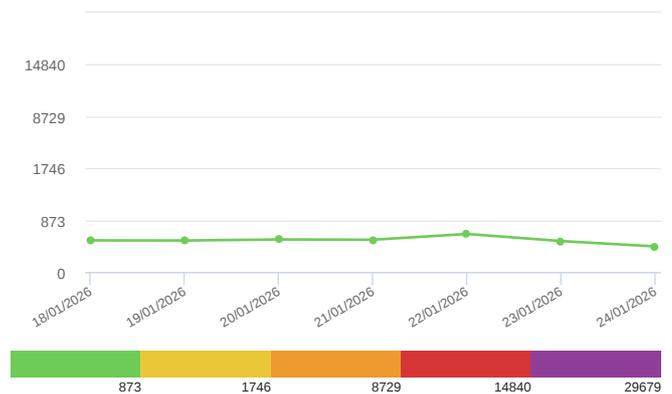
PM₁₀ (µg/m³)



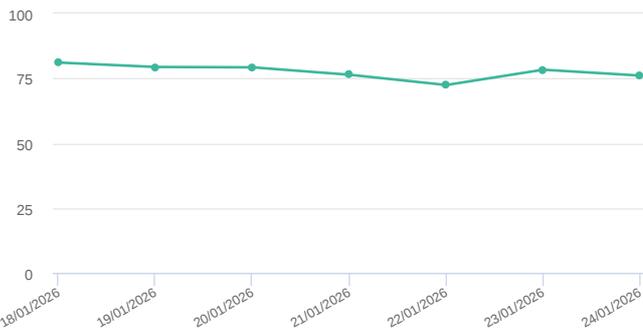
Wind Speed (m/s)



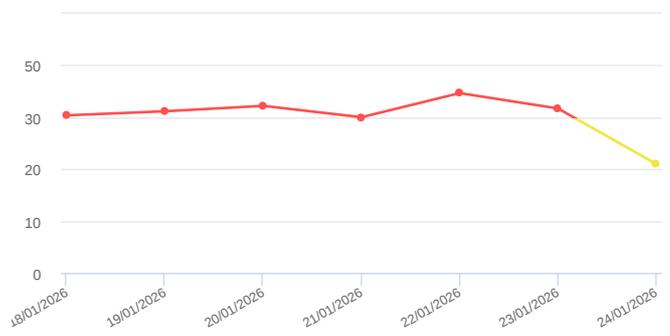
CO (ppb)



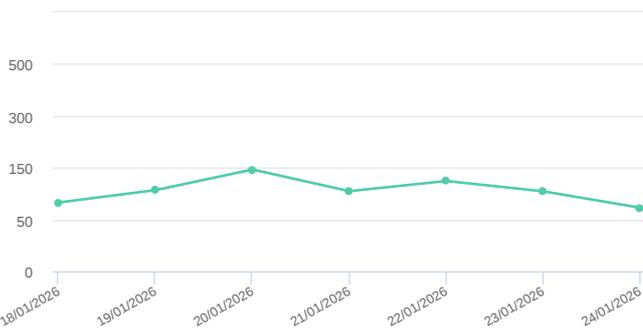
R. Humidity (%)



PM₁ (µg/m³)



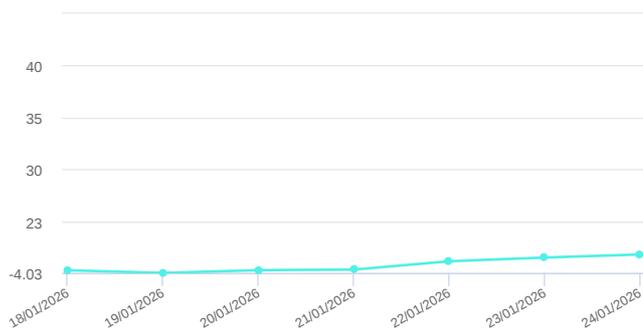
PM₁₀₀ (µg/m³)



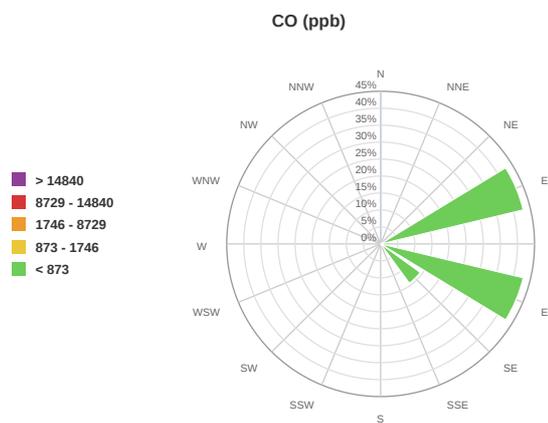
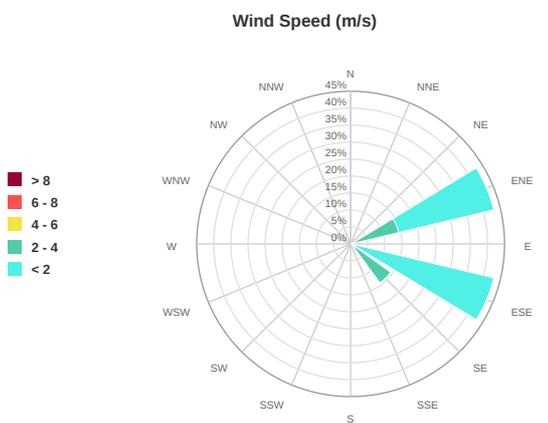
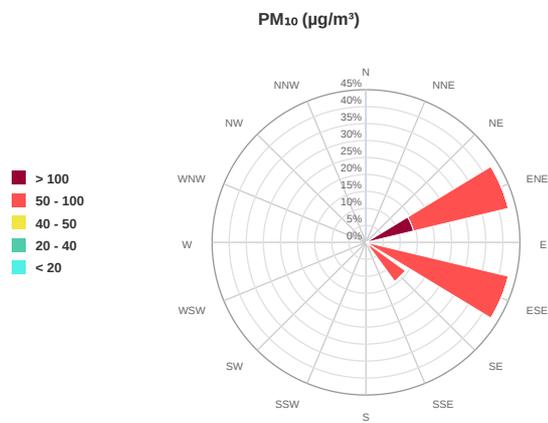
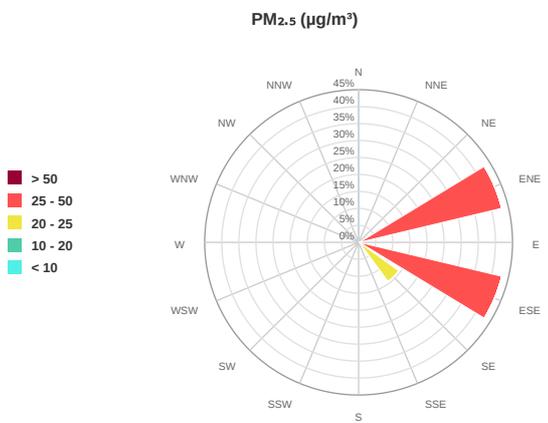
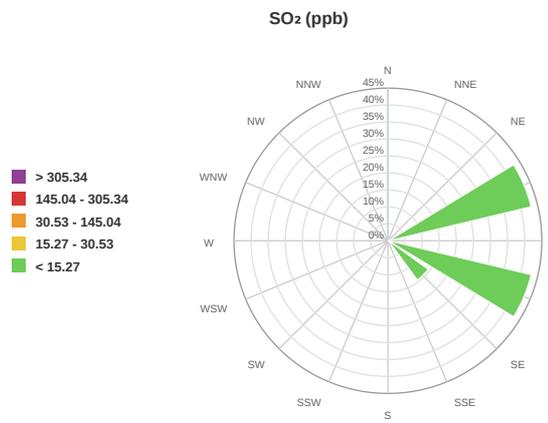
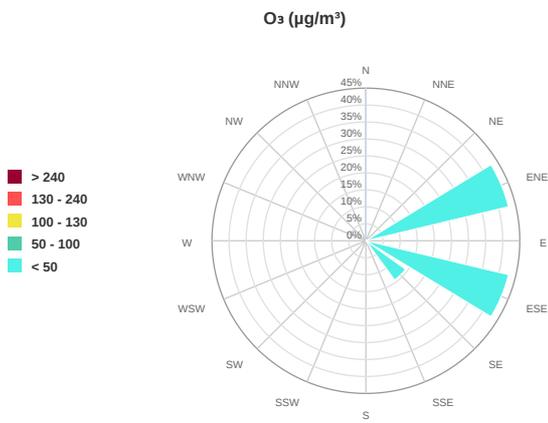
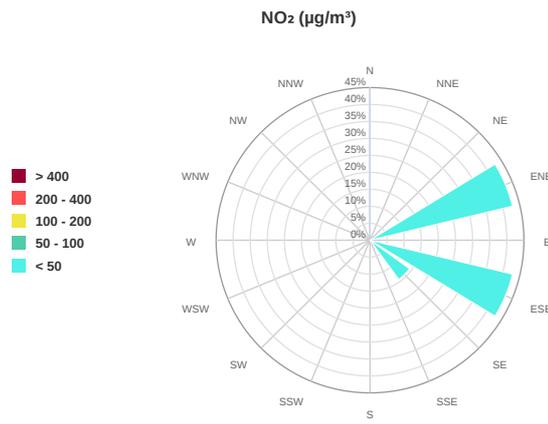
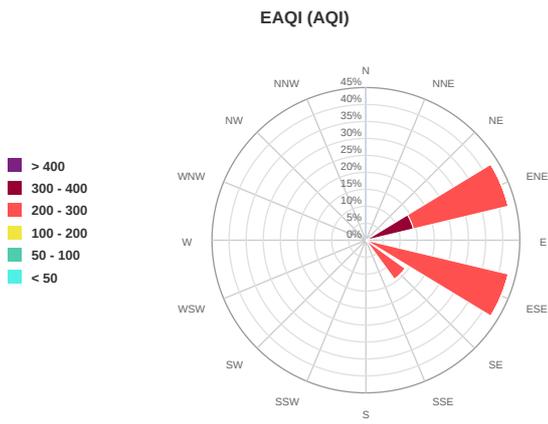
Pressure (hPa)



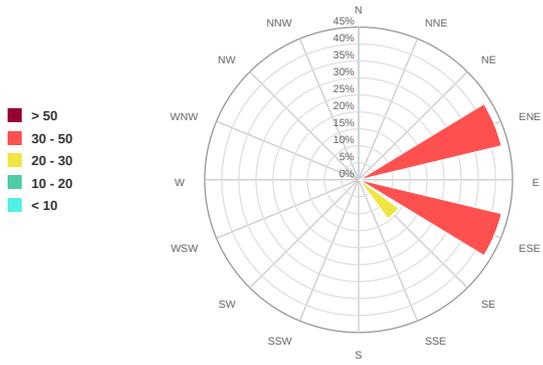
Temperature (°C)



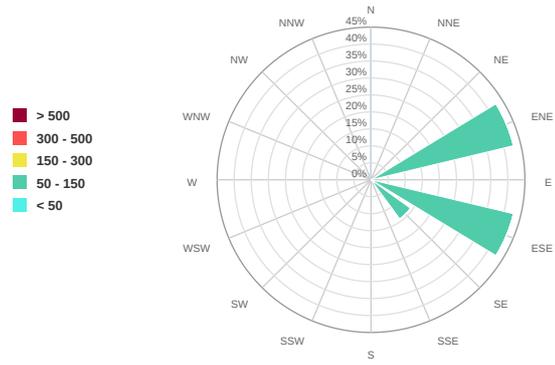
Media zilnică



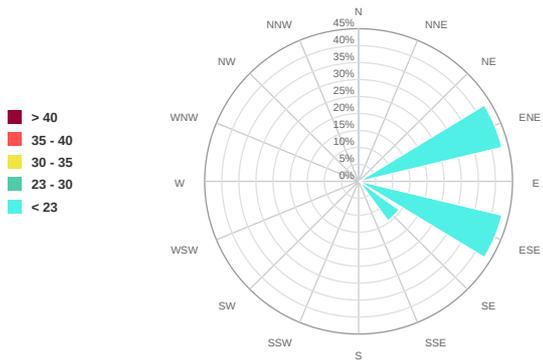
PM₁ (µg/m³)



PM₁₀₀ (µg/m³)



Temperature (°C)



Alerte

No alerts for the selected date and time range

Insights

- 24/01/2026, 23:59 **EAQI consistently in 'Poor' to 'Very Poor' range.**: The EAQI values range from 205 to 308, indicating consistently 'Poor' to 'Very Poor' air quality, exceeding acceptable thresholds throughout the reported period.
- 24/01/2026, 23:59 **Elevated PM_{2.5} levels contribute to poor air quality.**: PM_{2.5} levels consistently exceed the 'Good' and 'Fair' ranges, reaching a maximum of 46.58 µg/m³, significantly impacting the EAQI. Most of PM_{2.5} readings are in 'Poor' category.
- 24/01/2026, 23:59 **High PM₁₀ levels indicate significant coarse particle pollution.**: PM₁₀ concentrations reach as high as 103.45 µg/m³, falling within the 'Poor' to 'Very Poor' range, exacerbating the overall air quality issue, with most values in 'Poor' category.
- 24/01/2026, 23:59 **CO levels are significantly elevated during monitored period.**: CO (ppb) fluctuates between 429.64 and 638.85, indicating high levels of carbon monoxide pollution, although thresholds aren't provided, the level is remarkably high.
- 24/01/2026, 23:59 **NO₂ levels fluctuate within Fair to Poor ranges.**: NO₂ levels vary, ranging from 25.22 to 55.08 µg/m³, placing them primarily in the 'Fair' to 'Moderate' range, although some instances reach the 'Poor' threshold.
- 24/01/2026, 23:59 **O₃ concentrations generally fall within 'Fair' range.**: O₃ levels are mostly in 'Fair' range. Levels are between 13.76 and 39.56 µg/m³, O₃ does not appear to be a primary driver of poor air quality.
- 24/01/2026, 23:59 **SO₂ levels are low and not a significant contributor.**: SO₂ concentrations are consistently low, ranging from 2.64 to 3.84 ppb, and do not significantly contribute to the overall poor air quality based on given ranges.
- 24/01/2026, 23:59 **Temperature fluctuates, potential impact on pollutant dispersion.**: The temperature varies from -4.03°C to 5.58°C. This fluctuation could influence pollutant dispersion and atmospheric stability, though the range isn't dramatic.
- 24/01/2026, 23:59 **Wind speed variations impact pollution dispersal.**: Wind speed ranges from 1.42 to 3.59 m/s. Higher wind speeds (e.g., 3.59 m/s on 2026-01-24) may aid in pollutant dispersal, while lower speeds might exacerbate local pollution.
- 24/01/2026, 23:59 **Humidity levels are high and relatively stable.**: Relative humidity is consistently high, ranging from 72.44% to 81.1%, which could influence the behavior and persistence of particulate matter in the air.

Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	EAQI AQI	NO ₂ µg/m ³	O ₃ µg/m ³	SO ₂ ppb	PM _{2.5} µg/m ³	PM ₁₀ µg/m ³
18/01/2026, 23:59	234	16.48	17.54	3.84	33.22	64.31
19/01/2026, 23:59	257	24.08	13.04	3.59	36.2	78.25
20/01/2026, 23:59	308	22.12	12.11	3.73	46.58	103.45
21/01/2026, 23:59	248	28.6	13.83	2.79	32.38	73.78
22/01/2026, 23:59	286	29.26	7.01	3.2	42.15	92.82
23/01/2026, 23:59	259	29.27	11.3	2.64	36.1	79.2
24/01/2026, 23:59	205	13.4	20.15	3.19	23.05	51.94

Alți parametri

Media zilnică

To Date	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ µg/m ³	PM ₁₀₀ µg/m ³	Pressure HPa	Temperature °C
18/01/2026, 23:59	1.74	110.03	100	530.95	81.1	30.73	82.94	1023.93	-2.64
19/01/2026, 23:59	1.75	113.12	100	529.25	79.4	32.31	106.72	1026.53	-4.03
20/01/2026, 23:59	2.25	74.02	100	546.89	79.26	34.41	146.43	1022	-2.59
21/01/2026, 23:59	1.83	74.45	100	542.05	76.41	30.01	104.72	1007.35	-2.28
22/01/2026, 23:59	1.42	69.65	100	638.85	72.44	39.33	124.3	994.8	2.04
23/01/2026, 23:59	1.87	120.08	100	519.85	78.34	33.4	104.38	994.4	4
24/01/2026, 23:59	3.59	145.93	100	429.64	76.08	21	72.83	997.16	5.58

Oizom will not be responsible for Environmental Data accuracy once Validated