

Primaria Deta

WEEKLY AIR-QUALITY REPORT

Timp de la: **11/01/2026, 00:00**
 Timp până la: **17/01/2026, 23:59**

Numele dispozitivului: **Primaria Deta**
 Locația dispozitivului: **Strada Aurel Vlaicu 2, Deta, 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): **144**

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	144	25.86	19.21	2.49	21.87	44.36
Maximum	251	34.4	24.95	2.5	37.7	69.74
Date	14/01/2026	12/01/2026	17/01/2026	14/01/2026	14/01/2026	14/01/2026
Minimum	66	19.53	14.79	2.48	12.51	26.21
Date	17/01/2026	17/01/2026	12/01/2026	15/01/2026	17/01/2026	17/01/2026

Prezentare generală zilnică: Alți parametri

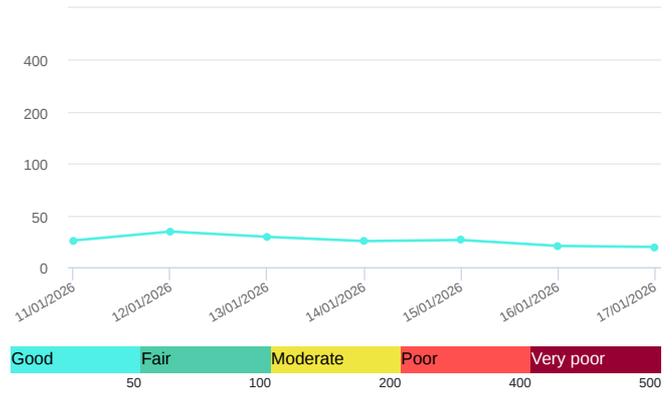
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa	Temperature °C
Average	1.54	189.32	100	351.03	80.37	19.61	53.05	1013.82	0.53
Maximum	3.78	298.89	100	475.11	87	35.4	75	1021.22	4.86
Date	11/01/2026	11/01/2026	11/01/2026	15/01/2026	16/01/2026	14/01/2026	14/01/2026	17/01/2026	16/01/2026
Minimum	1.61	174.32	100	275.67	72.5	11	30.95	1006.85	-6.16
Date	15/01/2026	15/01/2026	11/01/2026	11/01/2026	17/01/2026	17/01/2026	13/01/2026	11/01/2026	12/01/2026

Media zilnică

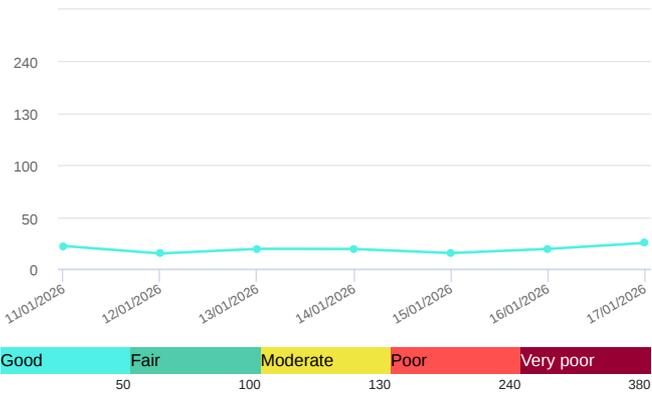
EAQI (AQI)



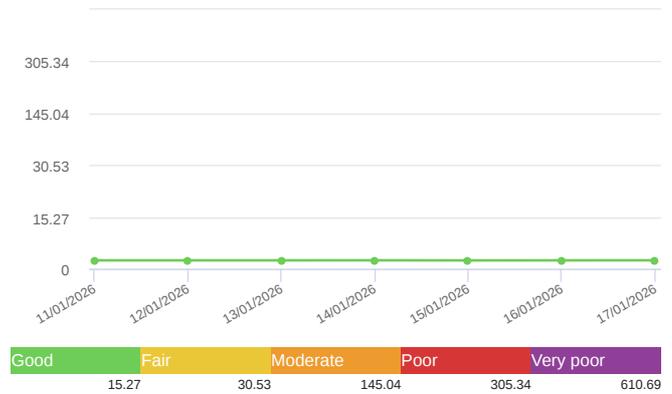
NO₂ (µg/m³)



O₃ (µg/m³)



SO₂ (ppb)



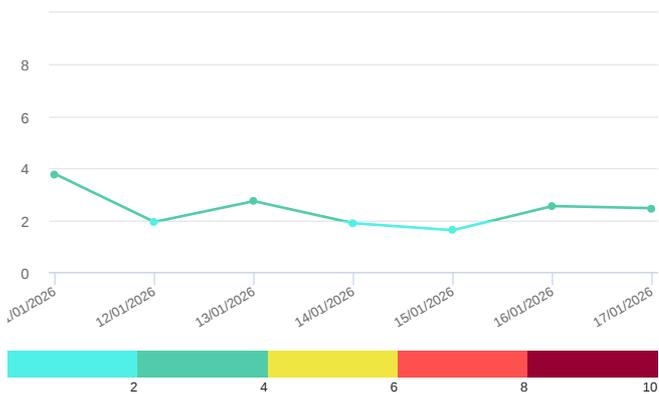
PM_{2.5} (µg/m³)



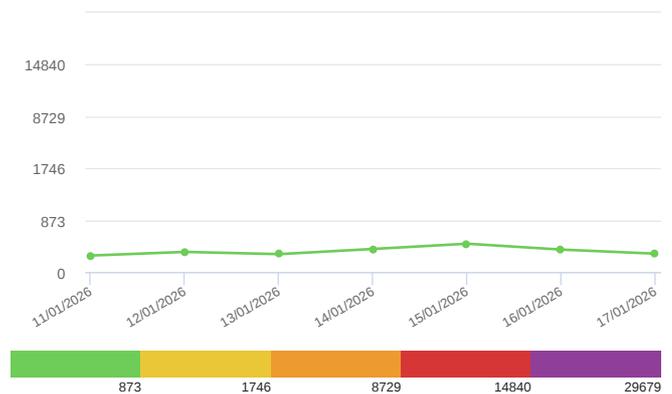
PM₁₀ (µg/m³)



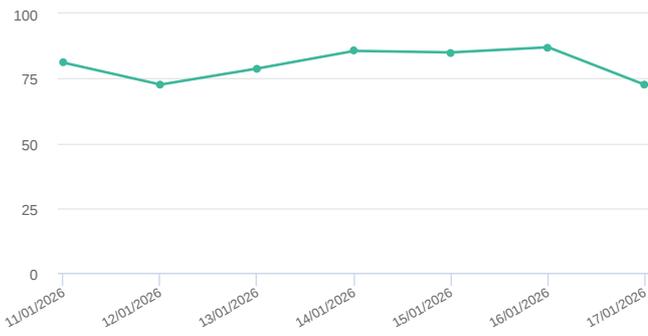
Wind Speed (m/s)



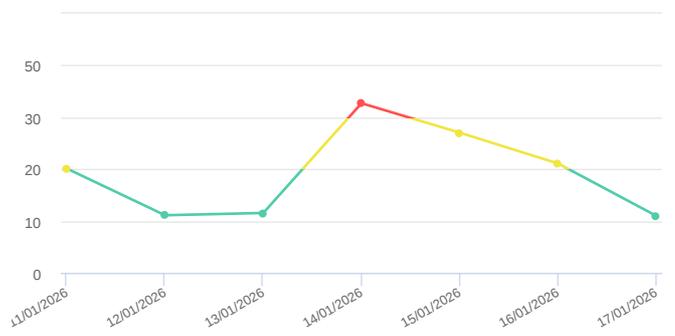
CO (ppb)



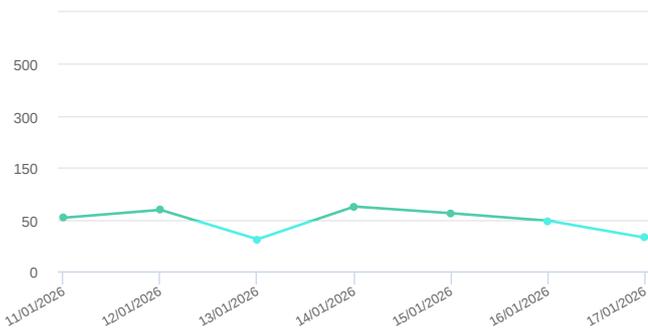
R. Humidity (%)



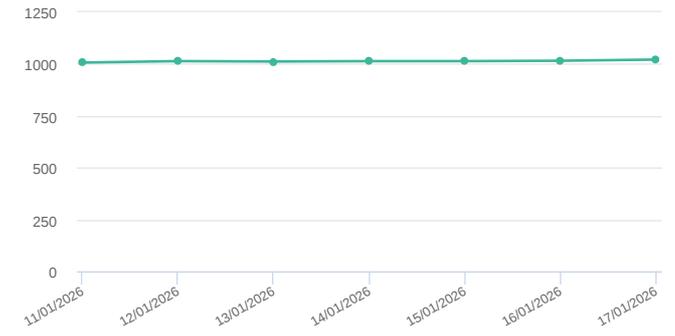
PM₁ (µg/m³)



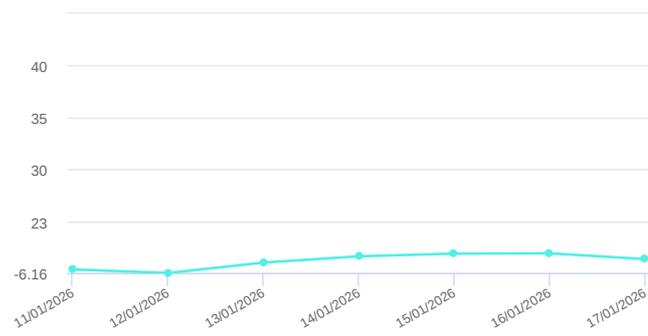
PM₁₀₀ (µg/m³)



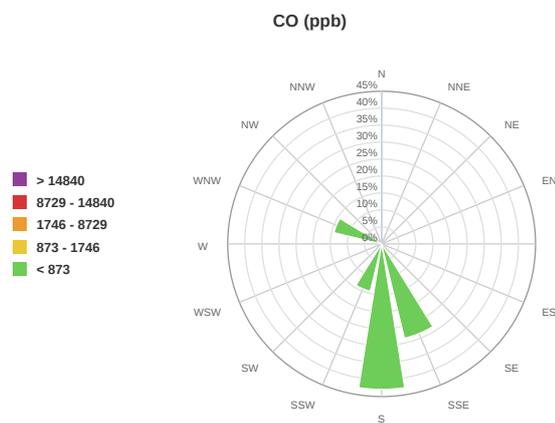
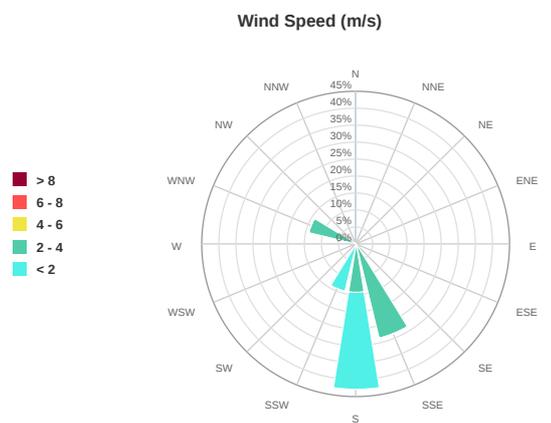
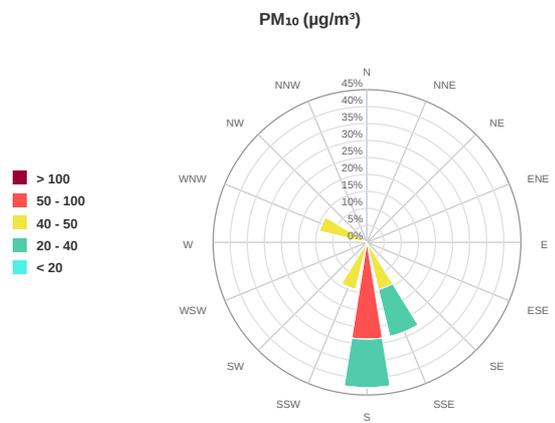
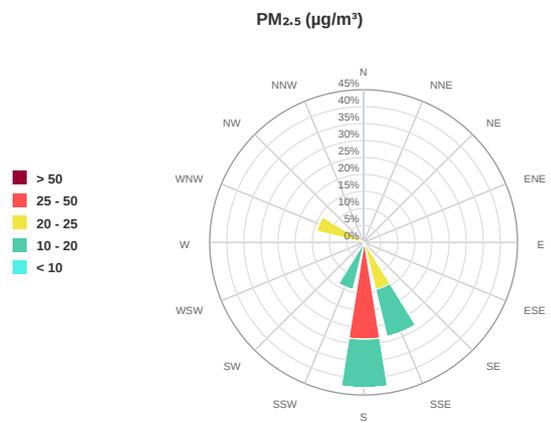
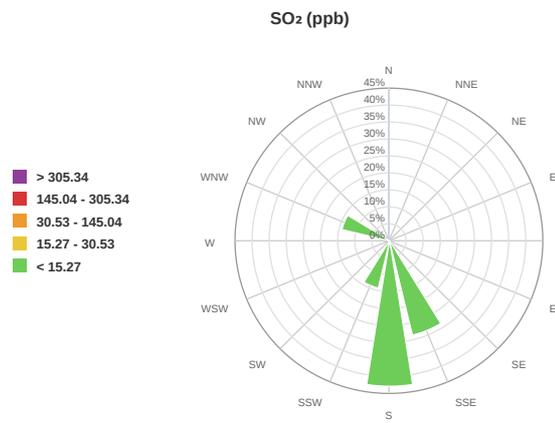
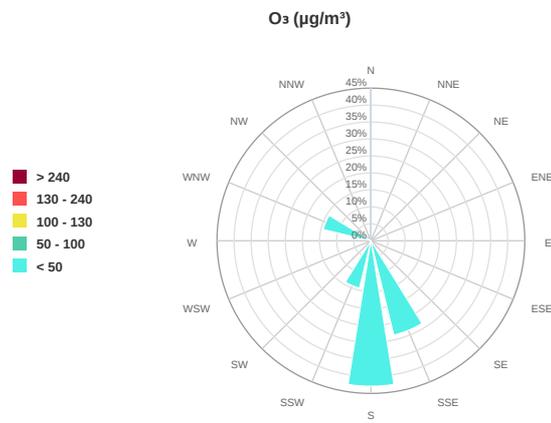
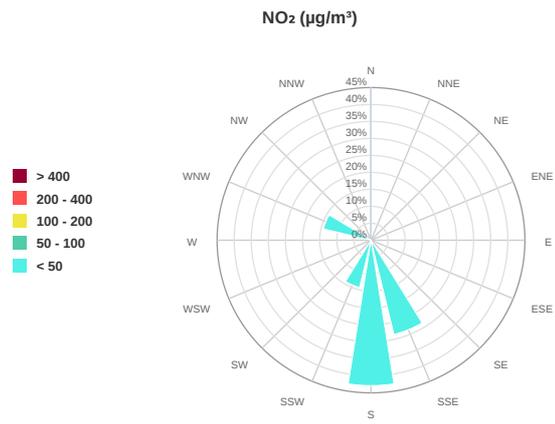
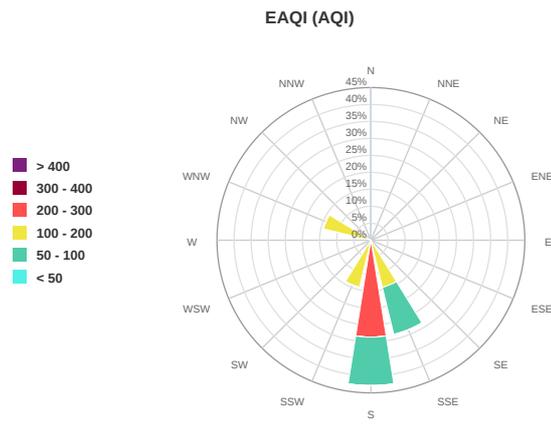
Pressure (hPa)



Temperature (°C)

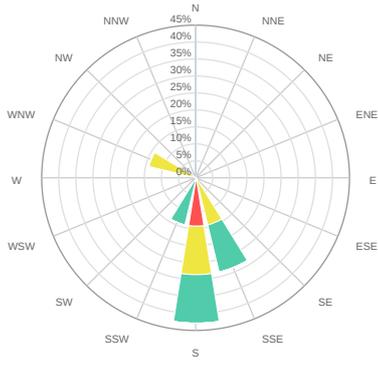


Media zilnică



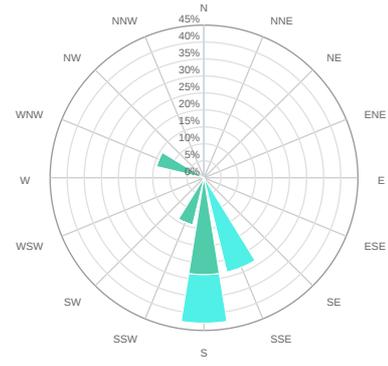
PM₁ (µg/m³)

- > 50
- 30 - 50
- 20 - 30
- 10 - 20
- < 10



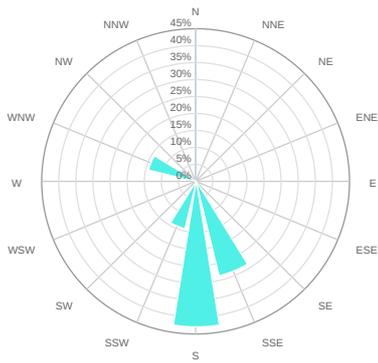
PM₁₀₀ (µg/m³)

- > 500
- 300 - 500
- 150 - 300
- 50 - 150
- < 50



Temperature (°C)

- > 40
- 35 - 40
- 30 - 35
- 23 - 30
- < 23



Alerte

No alerts for the selected date and time range

Insights

- 17/01/2026, 23:59 **Air quality fluctuates between Moderate, Fair and Poor zones:** The EAQI varies significantly, moving from 'Fair' to 'Moderate' and 'Poor' categories, indicating unstable air quality conditions during the observed timeframe.
- 12/01/2026, 23:59 **NO₂ levels peak within Poor to Moderate range:** NO₂ concentration reached a maximum of 64.73 µg/m³, classifying it within the 'Poor' range based on the provided thresholds, with other levels staying in the 'Moderate' zone.
- 14/01/2026, 23:59 **PM_{2.5} levels mostly within the moderate to poor zones:** PM_{2.5} concentration peaked at 37.7 µg/m³, which falls into the 'Poor' air quality zone, showcasing a potential risk to respiratory health.
- 14/01/2026, 23:59 **PM₁₀ concentrations exceeding Moderate levels:** PM₁₀ levels reached a high of 69.74 µg/m³, placing them in the 'Poor' category, signaling potential concerns for air quality.
- 17/01/2026, 23:59 **O₃ levels stay within Good to Moderate ranges:** O₃ concentrations remained relatively low, peaking at 48.98 µg/m³, within the 'Fair to Moderate' threshold, and thus not contributing significantly to AQI increase.
- 17/01/2026, 23:59 **SO₂ levels consistently low during observation:** SO₂ concentrations remained consistently low (around 2.5 ppb), indicating a minimal contribution to overall air pollution during the given period.
- 17/01/2026, 23:59 **Humidity shows high values during the timeframe:** Relative Humidity is high in all the datapoints with a minimum value of 72.5% which could be a factor to affect the air quality parameter readings.
- 14/01/2026, 23:59 **EAQI peak correlates with PM_{2.5} and PM₁₀ spikes:** The 'Poor' EAQI reading of 251 coincides with peaks in PM_{2.5} (37.7 µg/m³) and PM₁₀ (69.74 µg/m³), pointing to particulate matter as a key driver.
- 17/01/2026, 23:59 **Wind direction varies, potential pollutant source impact:** Wind direction changes throughout the period, ranging from 158.51 to 298.89 degrees, potentially shifting the influence of different pollution sources.
- 17/01/2026, 23:59 **Temperature range influences air quality:** Temperature fluctuated between -6.16°C and 4.86°C. These changes in temperature might correlate with air pollutant levels and dispersion.

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
11/01/2026, 23:59	158	25.79	21.98	2.49	22.88	45.36
12/01/2026, 23:59	127	34.4	14.79	2.49	14.45	42.67
13/01/2026, 23:59	67	29.3	19.27	2.49	13.22	26.4
14/01/2026, 23:59	251	25.2	19.11	2.5	37.7	69.74
15/01/2026, 23:59	218	26.27	15.18	2.48	29.31	56.02
16/01/2026, 23:59	161	20.53	19.19	2.49	23.03	44.14
17/01/2026, 23:59	66	19.53	24.95	2.5	12.51	26.21

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
11/01/2026, 23:59	3.78	298.89	100	275.67	81.05	20.1	53.39	1006.85	-4.22
12/01/2026, 23:59	1.93	212.65	100	336.74	72.61	11.1	68.57	1013.8	-6.16
13/01/2026, 23:59	2.73	168.81	100	299.06	78.81	11.54	30.95	1011.83	-0.33
14/01/2026, 23:59	1.88	173.23	100	386.7	85.6	35.4	75	1013.68	3.21
15/01/2026, 23:59	1.61	174.32	100	475.11	85.02	27.03	62.06	1013.71	4.73
16/01/2026, 23:59	2.54	161.99	100	376.27	87	21.09	48.85	1015.62	4.86
17/01/2026, 23:59	2.46	158.51	100	307.68	72.5	11	32.5	1021.22	1.62

Oizom will not be responsible for Environmental Data accuracy once Validated