

Primaria Beba Veche

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Beba Veche**
 Locația dispozitivului: **DJ682 292, Beba Veche 307035, 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): **289**

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	289	19.2	48.12	0	47.13	86.98
Maximum	367	22.89	54.18	0	66.65	121.54
Date	21/01/2026	21/01/2026	18/01/2026	18/01/2026	21/01/2026	21/01/2026
Minimum	93	14.88	40.02	0	18.52	34.2
Date	24/01/2026	18/01/2026	24/01/2026	18/01/2026	24/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

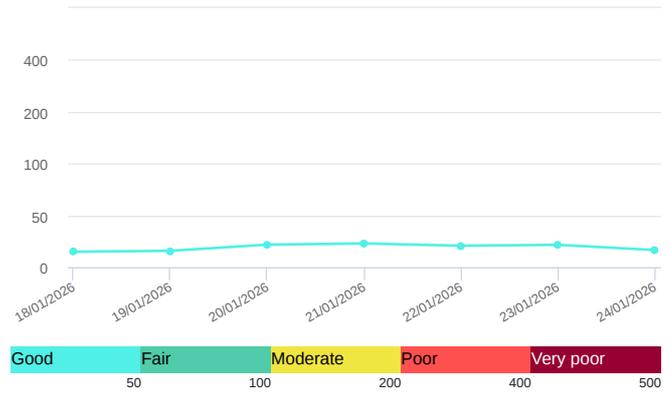
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa	Temperature °C
Average	2	113.43	100	498.95	83.43	42.78	97.93	1012.12	-0.61
Maximum	4.48	151.72	100	624.26	88.48	62.26	132.95	1029.07	4.7
Date	24/01/2026	24/01/2026	18/01/2026	21/01/2026	20/01/2026	23/01/2026	21/01/2026	19/01/2026	24/01/2026
Minimum	1.44	141.38	100	383.76	76.69	16.99	38.93	997.21	-5.25
Date	18/01/2026	18/01/2026	18/01/2026	24/01/2026	19/01/2026	24/01/2026	24/01/2026	23/01/2026	21/01/2026

Media zilnică

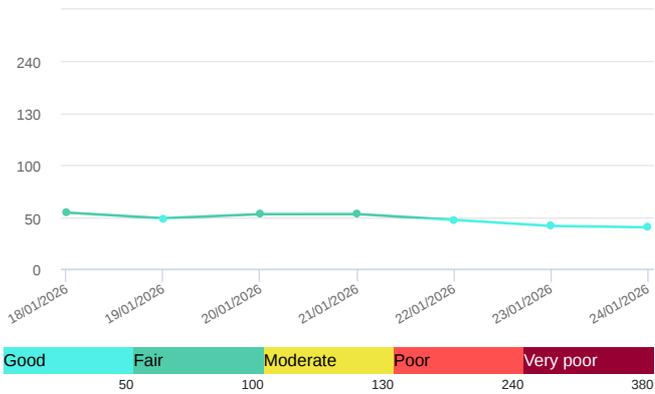
EAQI (AQI)



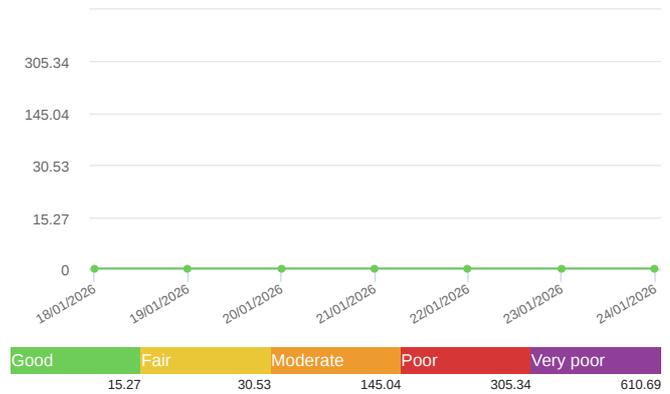
NO₂ (µg/m³)



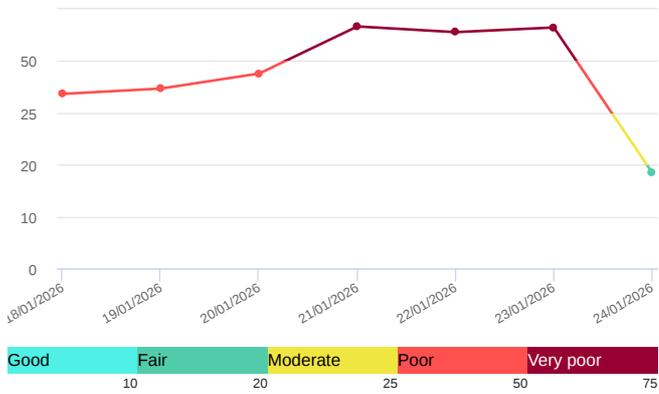
O₃ (µg/m³)



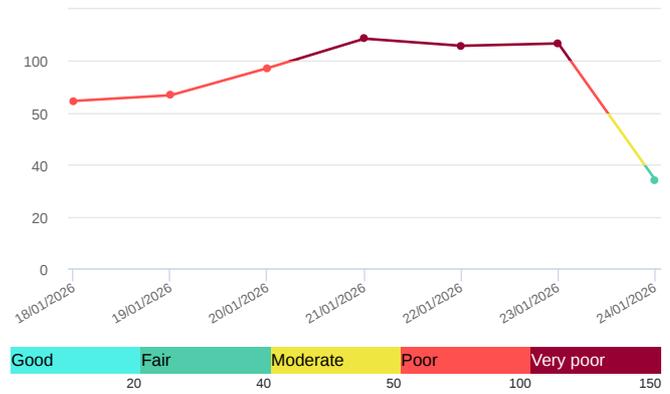
SO₂ (ppb)



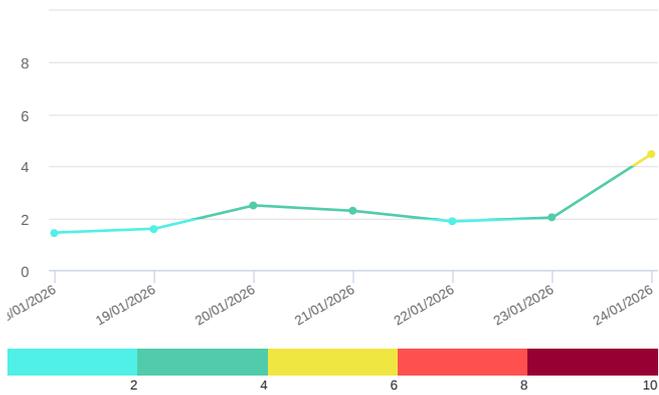
PM_{2.5} (µg/m³)



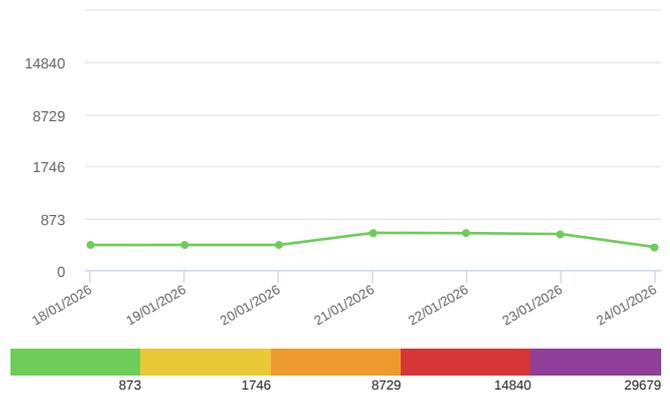
PM₁₀ (µg/m³)

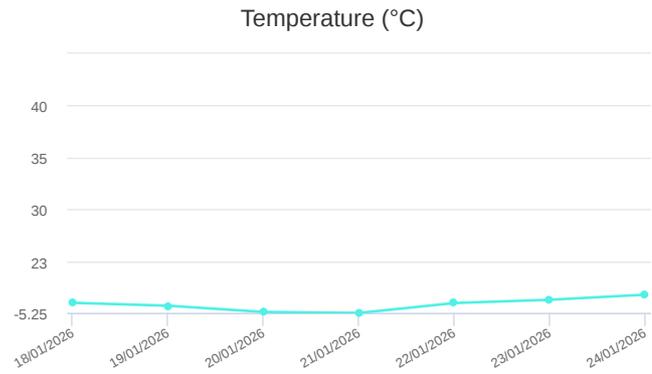
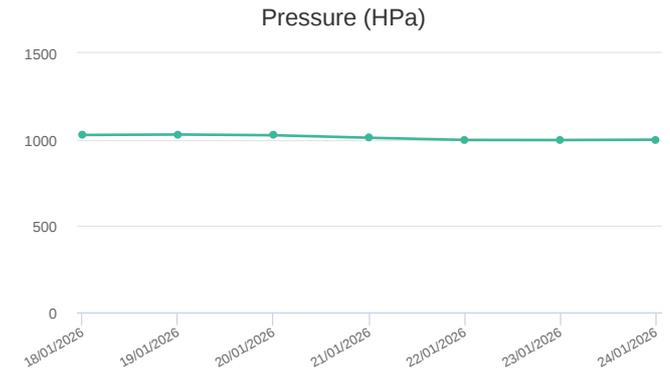
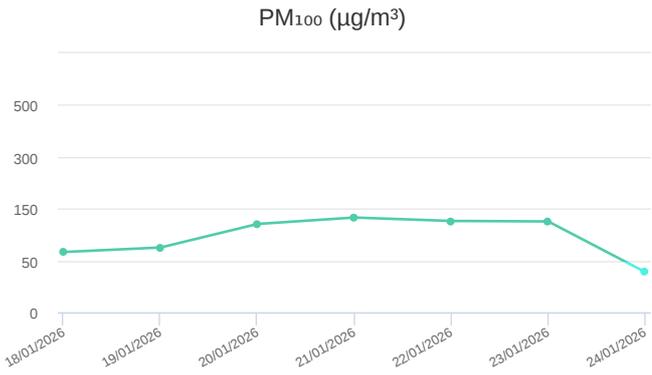
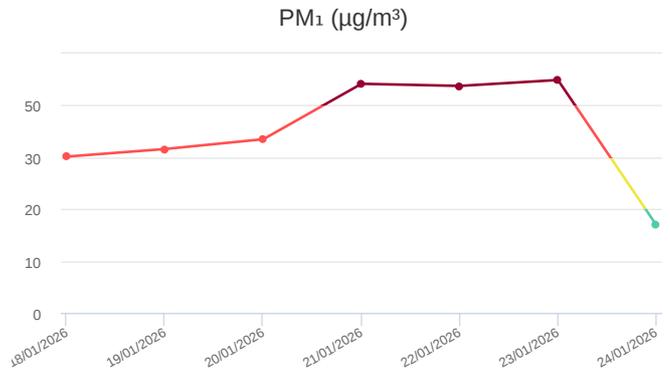
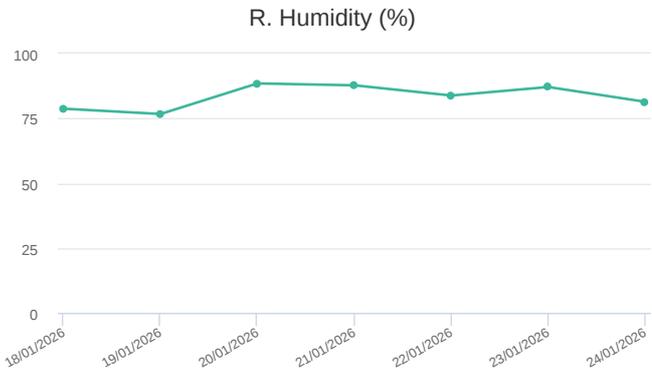


Wind Speed (m/s)

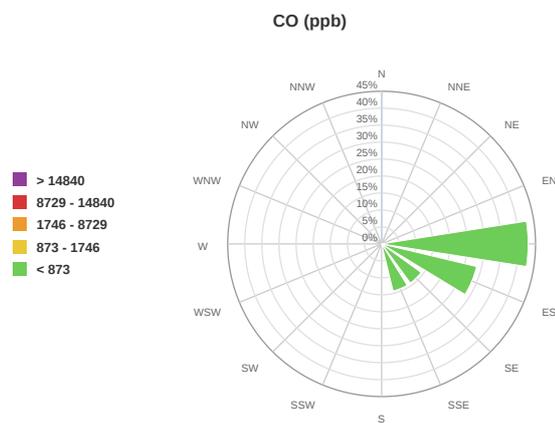
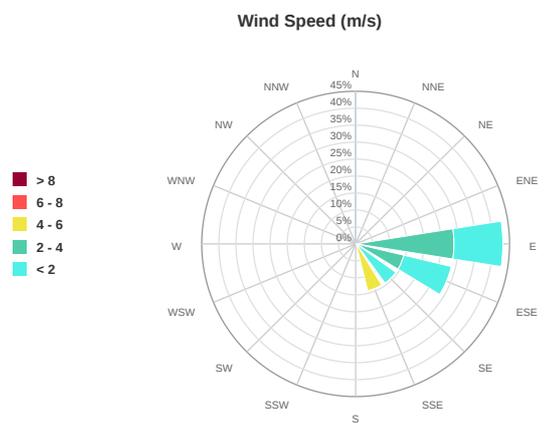
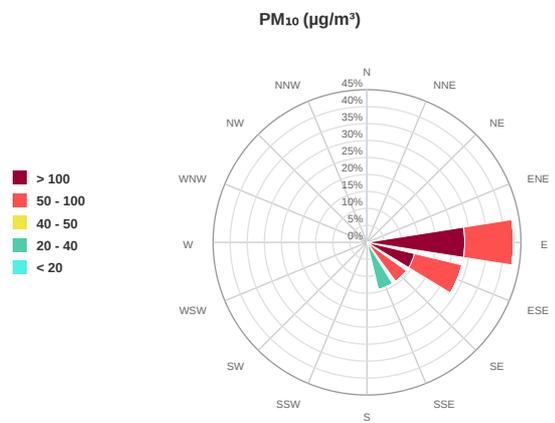
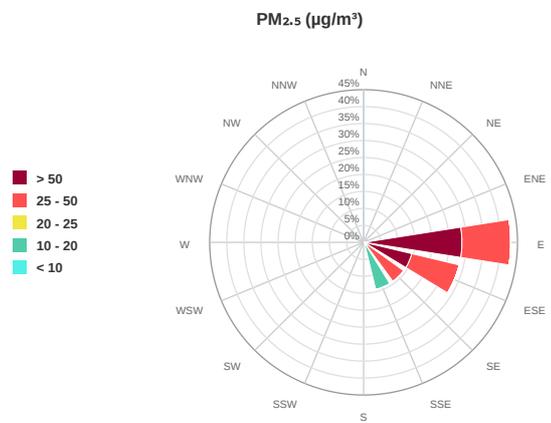
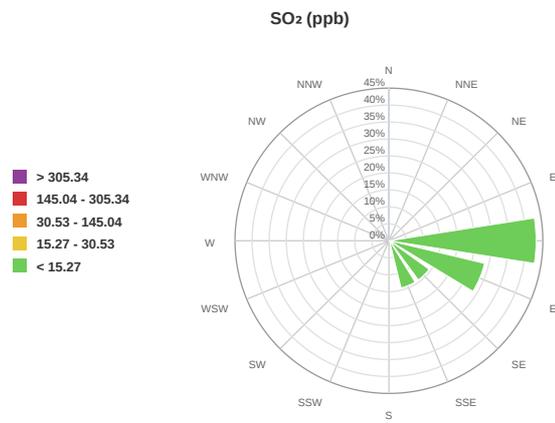
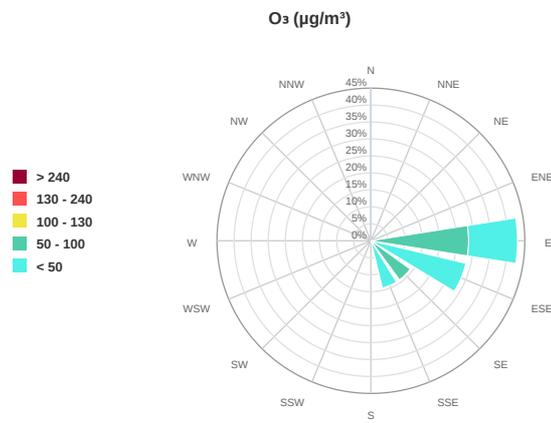
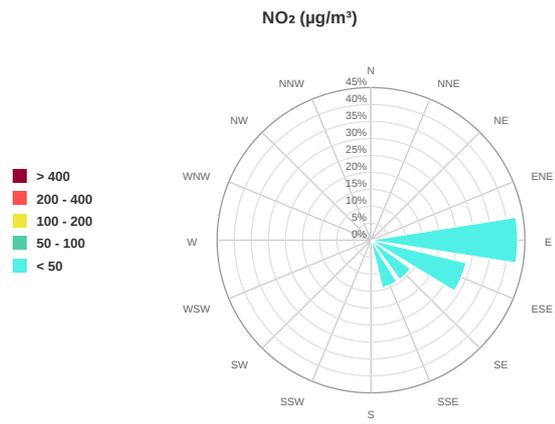
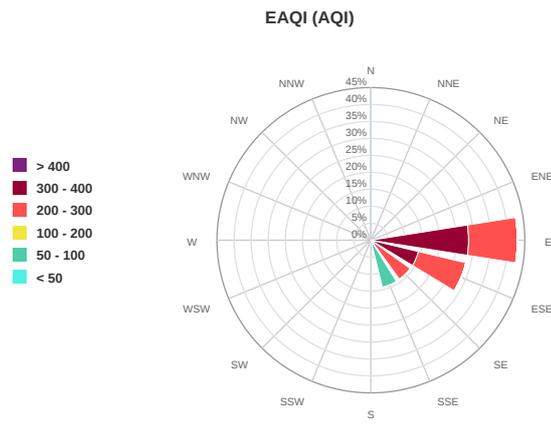


CO (ppb)



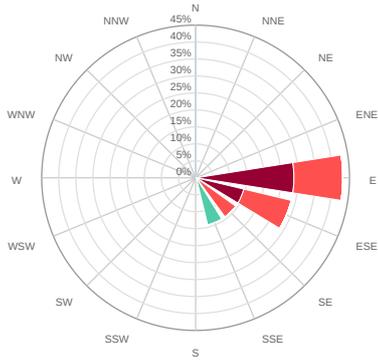


Media zilnică



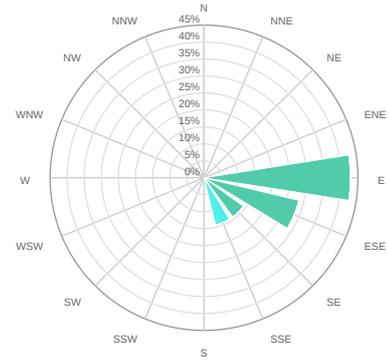
PM₁ (µg/m³)

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



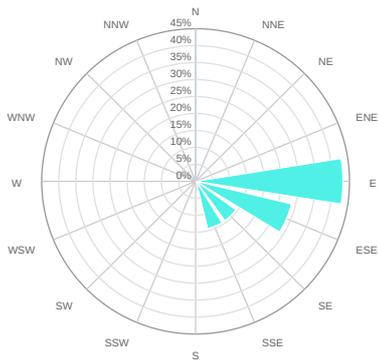
PM₁₀₀ (µg/m³)

- > 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

- 23/01/2026, 23:59 **EAQI Fluctuations: Poor to Very Poor Air Quality:** EAQI varied from 'Poor' to 'Very Poor' conditions, peaking at 367. High values suggest significant air pollution levels requiring mitigation strategies.
- 24/01/2026, 23:59 **PM_{2.5} Concentrations Exceeding Acceptable Thresholds:** PM_{2.5} concentrations ranged from 18.52 µg/m³ to 66.65 µg/m³, frequently exceeding the 'Fair' (10.01 - 20 µg/m³) threshold, indicating potential health risks.
- 23/01/2026, 23:59 **PM₁₀ Levels Consistently in Poor to Very Poor Range:** PM₁₀ concentrations reached as high as 121.54 µg/m³, consistently falling within the 'Poor' to 'Very Poor' ranges. This poses a threat to respiratory health.
- 24/01/2026, 23:59 **Ozone Levels Mostly Moderate to Poor:** O₃ concentrations vary between 78.57 µg/m³ and 106.37 µg/m³, remaining mostly in the 'Moderate' and 'Poor' ranges, which can cause respiratory issues.
- 24/01/2026, 23:59 **Nitrogen Dioxide Levels Mostly Fair to Moderate:** NO₂ concentrations range from 28 µg/m³ to 43.07 µg/m³, predominantly in the 'Fair' to 'Moderate' categories.
- 24/01/2026, 23:59 **Wind Speed Impact on Air Quality:** Lower EAQI correlates with higher wind speed. On 2026-01-24 wind speed was 4.48 m/s whereas the AQI category was fair compared to the previous days
- 24/01/2026, 23:59 **Sulfur Dioxide levels are Good:** SO₂ values remain at 0 ppb throughout the time period, which indicates that the air quality is in the 'Good' zone regarding this pollutant.
- 23/01/2026, 23:59 **Correlation between CO Levels and Poor EAQI:** Higher EAQI ('Poor' to 'Very Poor') corresponds with elevated CO levels ranging between 419.86 ppb and 624.26 ppb. This suggests combustion processes as a contributing factor.
- 24/01/2026, 23:59 **EAQI improved to fair category:** The EAQI shifted from the 'Poor' and 'Very Poor' ranges to 'Fair' category on 2026-01-24. A notable reduction in PM_{2.5} and PM₁₀ was observed.
- 24/01/2026, 23:59 **Temperature's limited Impact on Air Quality:** Temperatures ranged from -5.25°C to 4.7°C, showing no clear or strong correlation with the fluctuations observed in the EAQI. Temperature has a negligible impact.

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	237	14.88	54.18	0	34.12	61.47
19/01/2026, 23:59	247	15.85	48.73	0	36.69	66.95
20/01/2026, 23:59	286	21.82	52.68	0	43.94	93.12
21/01/2026, 23:59	367	22.89	52.77	0	66.65	121.54
22/01/2026, 23:59	356	20.76	47.15	0	63.89	114.65
23/01/2026, 23:59	365	21.6	41.33	0	66.14	116.92
24/01/2026, 23:59	93	16.57	40.02	0	18.52	34.2

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	1.44	141.38	100	419.86	78.73	30.25	66.42	1026.38	0.26
19/01/2026, 23:59	1.59	115.34	100	420.74	76.69	33.18	75.07	1029.07	-1.31
20/01/2026, 23:59	2.49	79.31	100	420.44	88.48	36.97	120.48	1024.94	-4.71
21/01/2026, 23:59	2.28	80.06	100	624.26	87.75	60.43	132.95	1010.24	-5.25
22/01/2026, 23:59	1.87	85.39	100	619.44	83.81	59.39	126.32	997.7	0.15
23/01/2026, 23:59	2.02	114.03	100	604.18	87.1	62.26	125.36	997.21	1.92
24/01/2026, 23:59	4.48	151.72	100	383.76	81.41	16.99	38.93	999.28	4.7

Oizom will not be responsible for Environmental Data accuracy once Validated