

Primaria Ortisoara

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Ortisoara**
 Locația dispozitivului: **DN69 258/A, Orțișoara 307305, 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): **378**

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	378	56.38	23.79	1.61	45.82	138.98
Maximum	422	66.41	39.48	2.33	100.13	370.5
Date	20/01/2026	23/01/2026	18/01/2026	20/01/2026	20/01/2026	20/01/2026
Minimum	100	44.96	13.78	0.78	17.58	39.85
Date	24/01/2026	24/01/2026	22/01/2026	24/01/2026	24/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

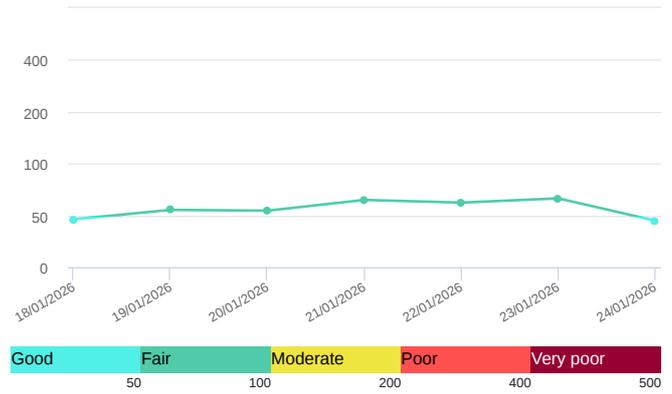
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa	Temperature °C
Average	1.77	107.31	100	500.9	79.94	32.87	249.37	1007.25	0.34
Maximum	3.58	145.91	100	634.58	85.59	44.08	643.45	1024.12	5.6
Date	24/01/2026	24/01/2026	18/01/2026	22/01/2026	20/01/2026	22/01/2026	18/01/2026	19/01/2026	24/01/2026
Minimum	1.41	69.76	100	359.24	77.18	15.89	54.04	992.38	-3.02
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	20/01/2026

Media zilnică

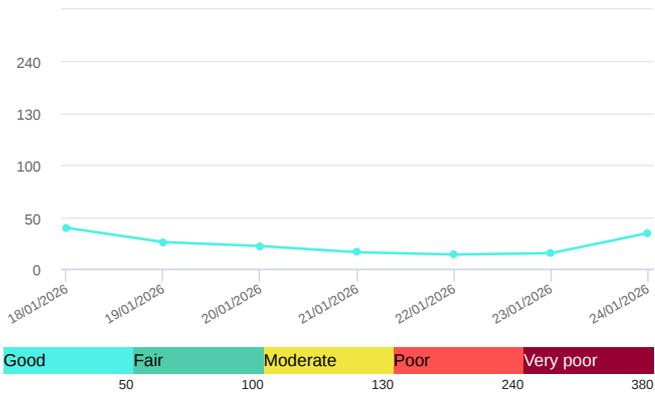
EAQI (AQI)



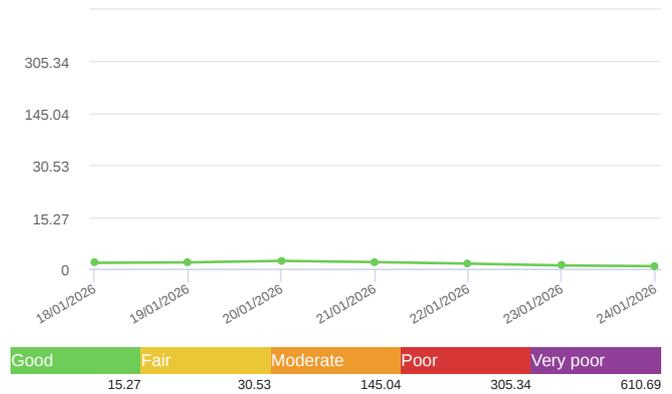
NO₂ (µg/m³)



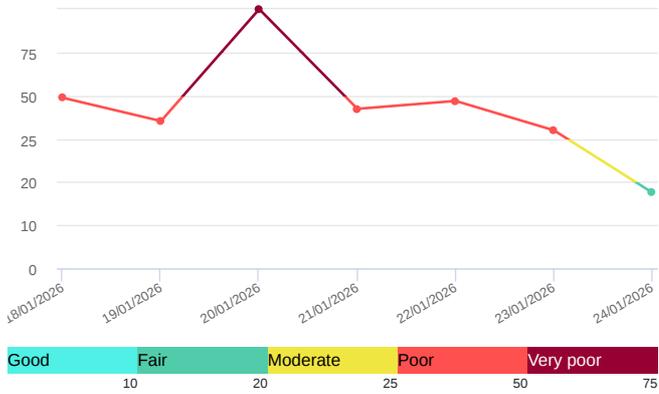
O₃ (µg/m³)



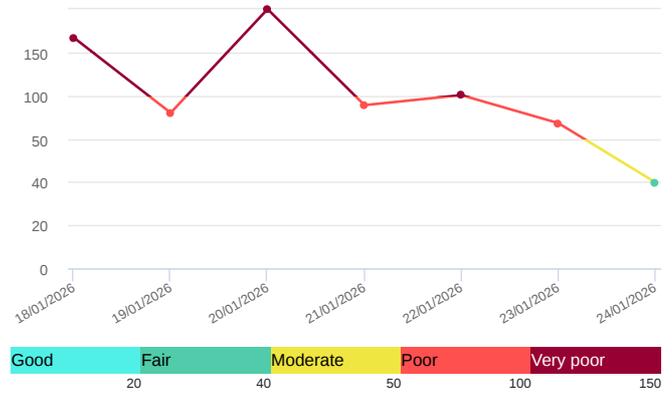
SO₂ (ppb)



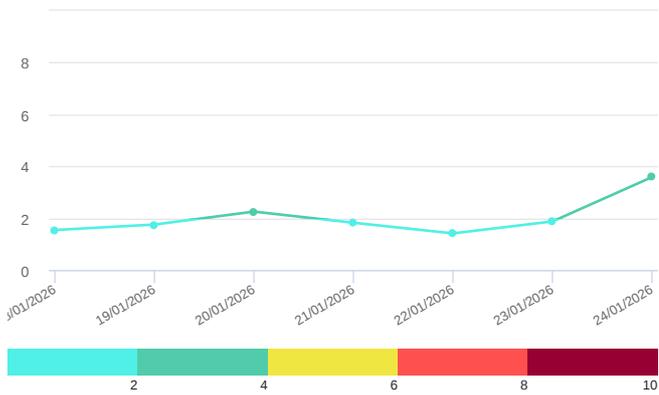
PM_{2.5} (µg/m³)



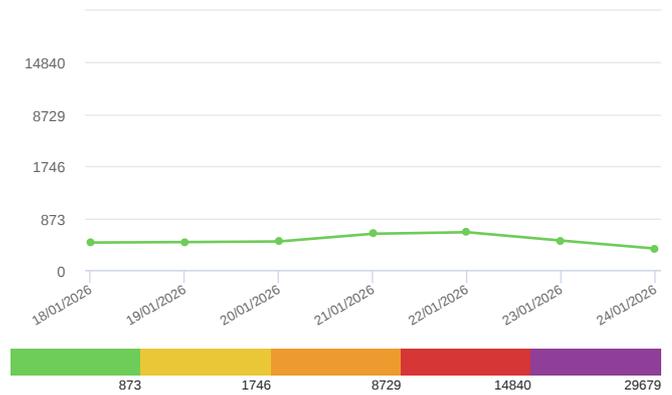
PM₁₀ (µg/m³)

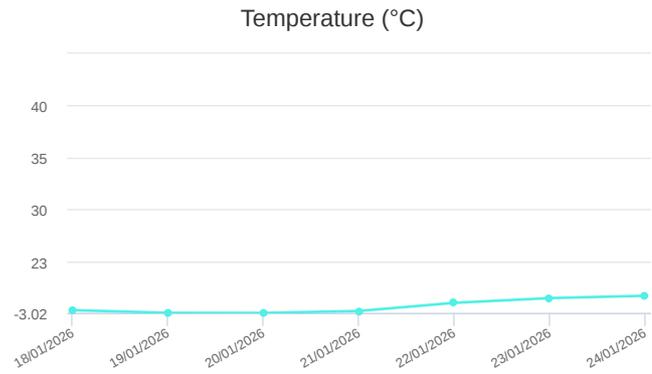
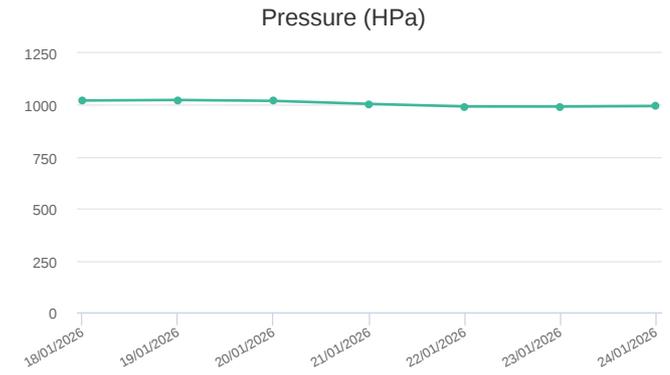
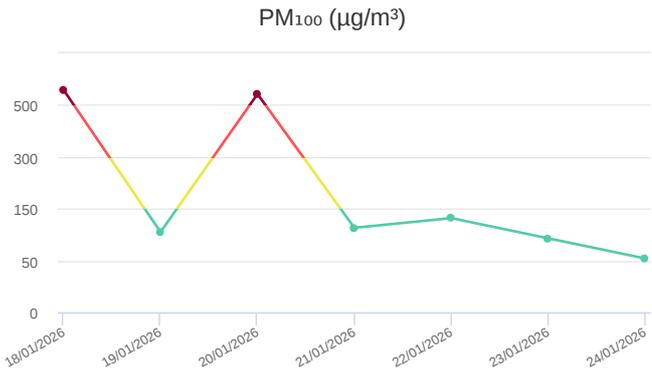
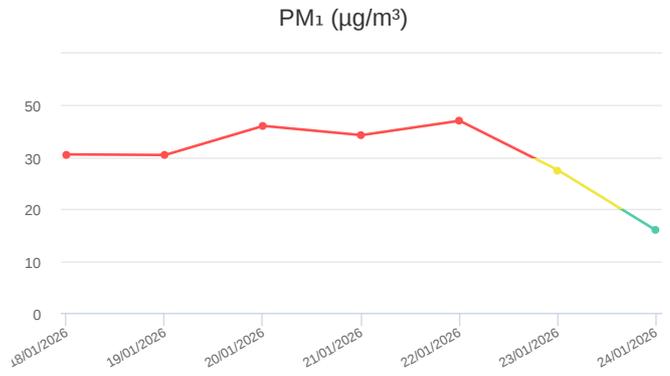
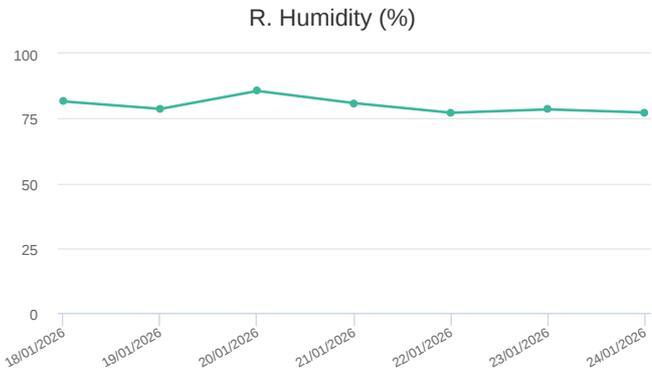


Wind Speed (m/s)

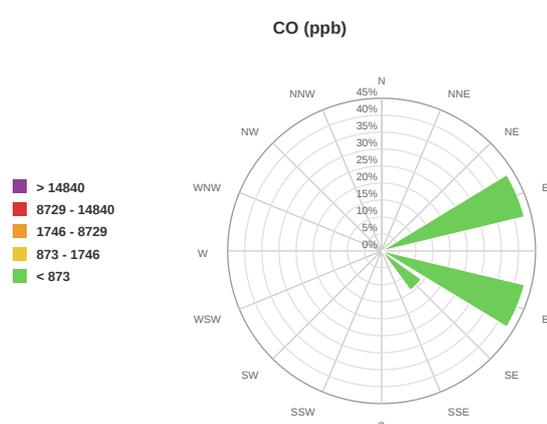
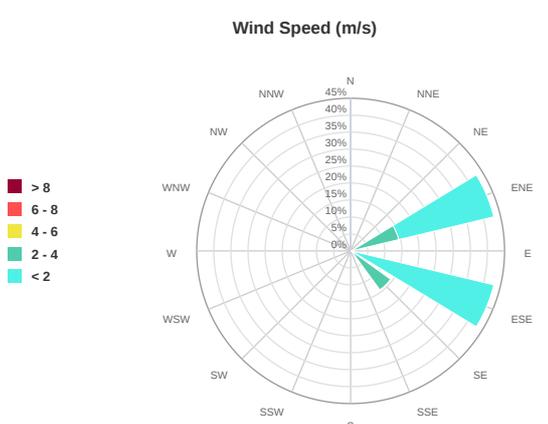
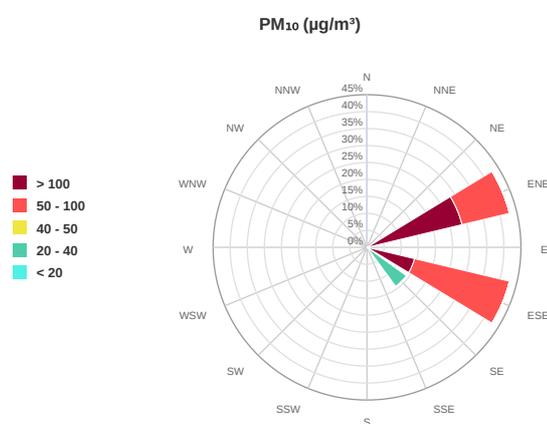
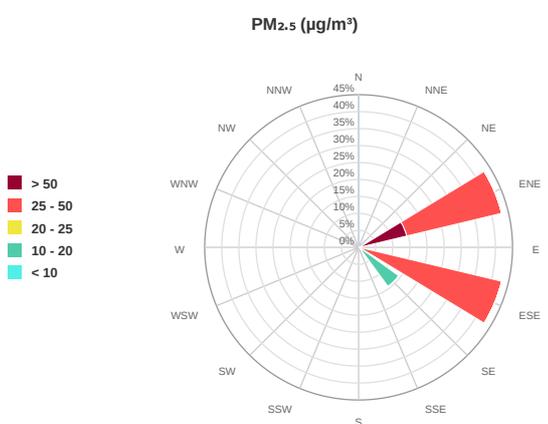
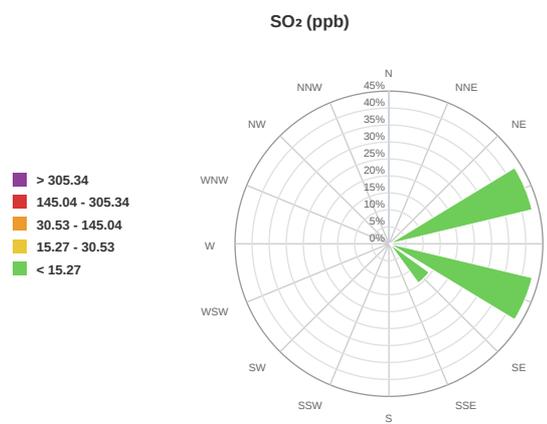
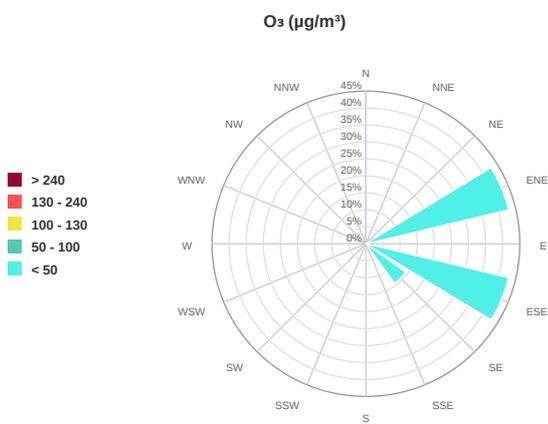
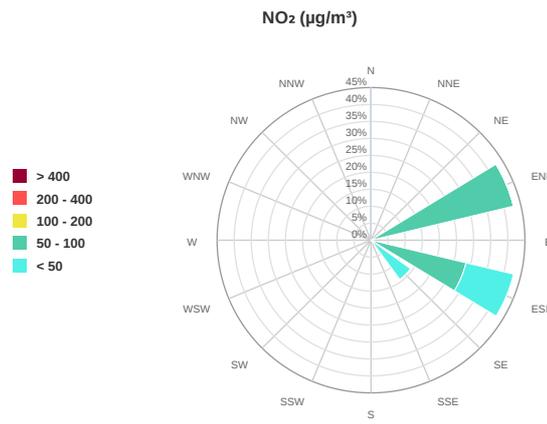
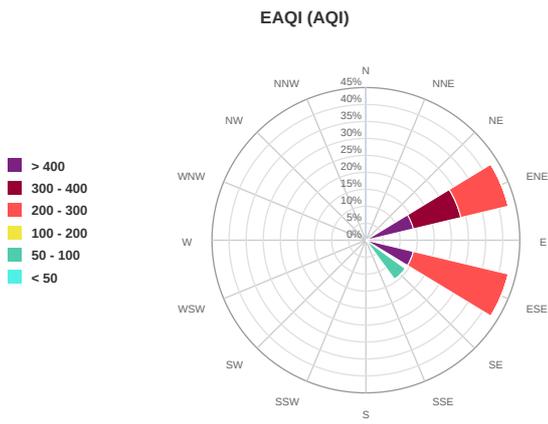


CO (ppb)



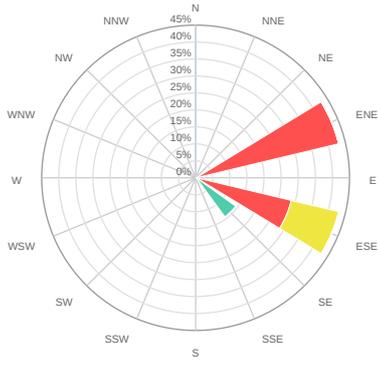


Media zilnică



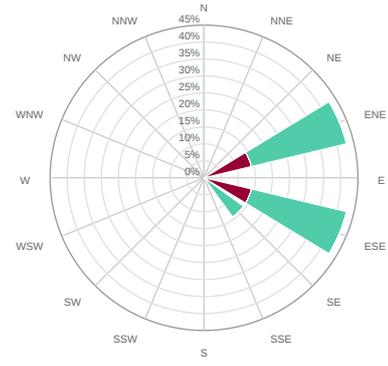
PM₁ (µg/m³)

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



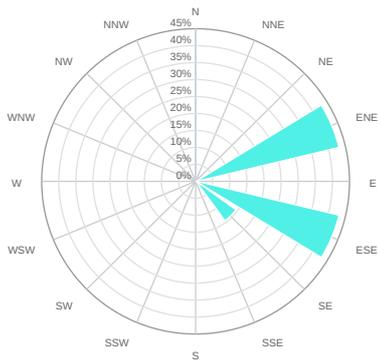
PM₁₀₀ (µg/m³)

- > 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

- 24/01/2026, 23:59 **EAQI Fluctuations Indicate Varying Air Quality:** The EAQI varies from 'Fair' to 'Extremely Poor', implying significant air quality fluctuations. The EAQI values ranged from 100 to 422, showing considerable shifts in pollution levels.
- 24/01/2026, 23:59 **PM_{2.5} Levels Frequently Exceed Safe Limits:** PM_{2.5} concentrations often fall within 'Poor' to 'Very Poor' ranges. Concentrations peaked to 100.13 µg/m³, well above the 'Good' threshold of 10 µg/m³, posing health risks.
- 20/01/2026, 23:59 **PM₁₀ Shows Extremely Poor Air Quality:** PM₁₀ levels reached alarming 'Extremely Poor' levels. A peak of 370.5 µg/m³ far surpasses the 'Good' threshold of 20 µg/m³, indicating significant coarse particle pollution.
- 23/01/2026, 23:59 **NO₂ Levels Frequently Reach Poor Levels:** NO₂ levels are often in the 'Poor' category. The highest concentration was 124.97 µg/m³, exceeding the 'Moderate' and 'Fair' ranges, possibly from industrial emissions.
- 24/01/2026, 23:59 **O₃ Levels Mostly Fall Within Acceptable Ranges:** O₃ levels are mostly in 'Fair' to 'Moderate' ranges, however on 2026-01-24T21:59:59.000Z, the concentration was the highest at 67.73 µg/m³, touching the 'Poor' threshold.
- 24/01/2026, 23:59 **Fair Air Quality Event:** The air quality on 2026-01-24T21:59:59.000Z was better than other days in terms of EAQI
- 24/01/2026, 23:59 **SO₂ levels remain consistently low:** SO₂ levels are consistently low, within the 'Good' range, indicating minimal sulfur dioxide pollution. All readings are below 2.33 ppb.
- 24/01/2026, 23:59 **Wind Speed Variation and Air Quality:** The wind speed varies from 1.41 m/s to 3.58 m/s. Higher wind speeds(3.58 m/s on 2026-01-24T21:59:59.000Z) might correlate with better air quality (Fair EAQI).
- 24/01/2026, 23:59 **High Humidity During Poor Air Quality Days:** Relative humidity is consistently high across all recordings (77.18% to 85.59%). High humidity may contribute to the persistence of particulate matter, exacerbating air quality.
- 24/01/2026, 23:59 **Temperature Effects on Air Quality:** Temperatures range from -3.02°C to 5.6°C. The 'Fair' air quality day coincides with the highest temperature, potentially influencing pollutant 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
18/01/2026, 23:59	408	46.23	39.48	1.76	48.69	225.1
19/01/2026, 23:59	260	55.28	25.74	1.9	35.23	79.99
20/01/2026, 23:59	422	54.54	21.97	2.33	100.13	370.5
21/01/2026, 23:59	278	64.92	15.98	1.97	42.31	88.89
22/01/2026, 23:59	302	62.29	13.78	1.53	46.88	100.45
23/01/2026, 23:59	237	66.41	15.1	0.98	29.91	68.08
24/01/2026, 23:59	100	44.96	34.5	0.78	17.58	39.85

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	1.54	116.75	100	460.97	81.53	31.1	643.45	1021.55	-1.63
19/01/2026, 23:59	1.75	113.1	100	468.82	78.67	30.88	104.98	1024.12	-2.98
20/01/2026, 23:59	2.25	74.05	100	479.7	85.59	42.09	605.48	1019.8	-3.02
21/01/2026, 23:59	1.82	74.52	100	609.18	80.87	38.53	113.11	1005.17	-2.03
22/01/2026, 23:59	1.41	69.76	100	634.58	77.18	44.08	131.76	992.79	2.05
23/01/2026, 23:59	1.87	120.27	100	493.78	78.46	27.53	92.77	992.38	4.41
24/01/2026, 23:59	3.58	145.91	100	359.24	77.27	15.89	54.04	994.95	5.6

Oizom will not be responsible for Environmental Data accuracy once Validated