

Primaria Recas

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Recas**
 Locația dispozitivului: **Calea Timișoarei 134 - 135, Recaş 307340, 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): **272**

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	272	25.54	10.54	0	35.97	85.98
Maximum	330	35.49	21.14	0.53	49.46	114.44
Date	22/01/2026	22/01/2026	18/01/2026	24/01/2026	22/01/2026	22/01/2026
Minimum	242	11.77	0.67	0	30.64	70.85
Date	24/01/2026	24/01/2026	22/01/2026	18/01/2026	20/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

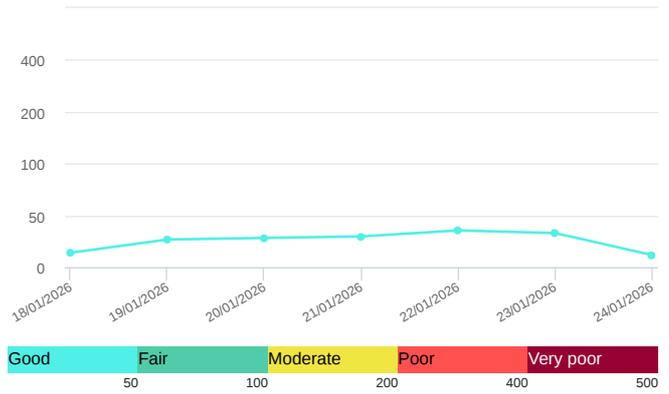
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ µg/m ³	PM ₁₀₀ µg/m ³	Pressure HPa	Temperature °C
Average	1.87	106.49	100	603.02	73.83	33.2	114.21	1008.81	0.71
Maximum	3.22	125.79	100	755.01	76.02	45.58	149.07	1025.7	5.54
Date	24/01/2026	24/01/2026	18/01/2026	22/01/2026	24/01/2026	22/01/2026	22/01/2026	19/01/2026	24/01/2026
Minimum	0.91	76.8	100	492.36	71.96	28.34	96.28	993.9	-2.96
Date	22/01/2026	22/01/2026	18/01/2026	24/01/2026	21/01/2026	20/01/2026	24/01/2026	23/01/2026	19/01/2026

Media zilnică

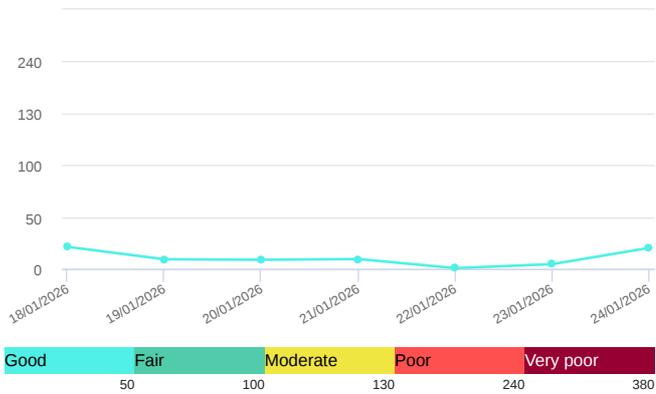
EAQI (AQI)



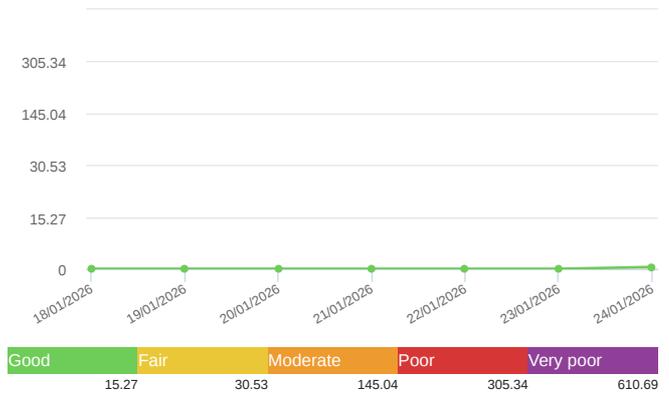
NO₂ (µg/m³)



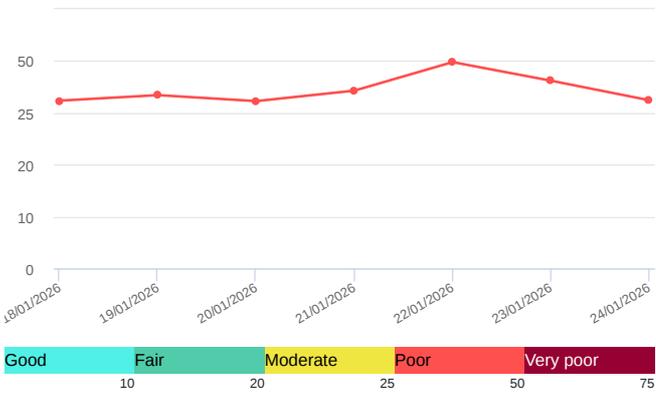
O₃ (µg/m³)



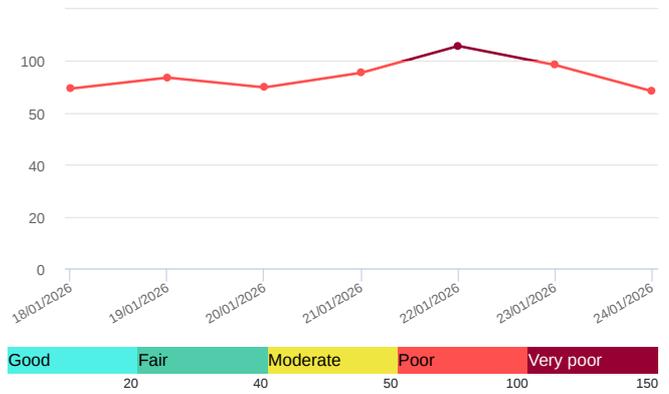
SO₂ (ppb)



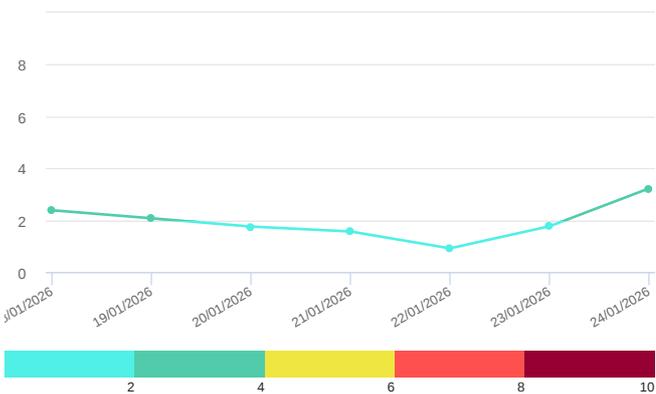
PM_{2.5} (µg/m³)



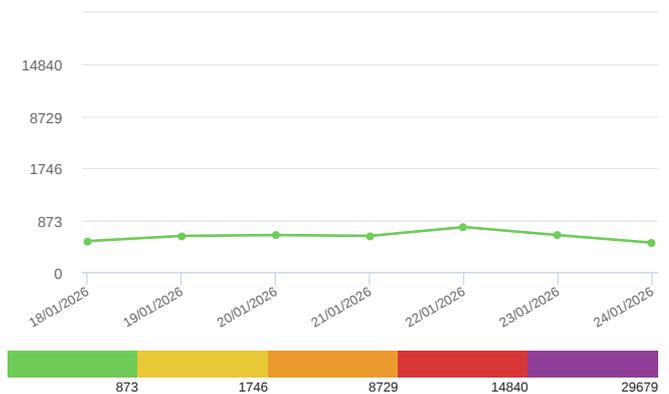
PM₁₀ (µg/m³)



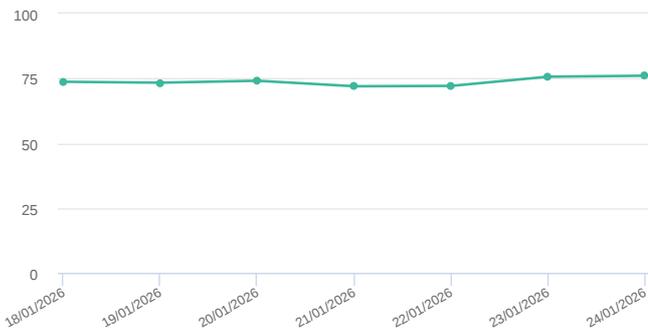
Wind Speed (m/s)



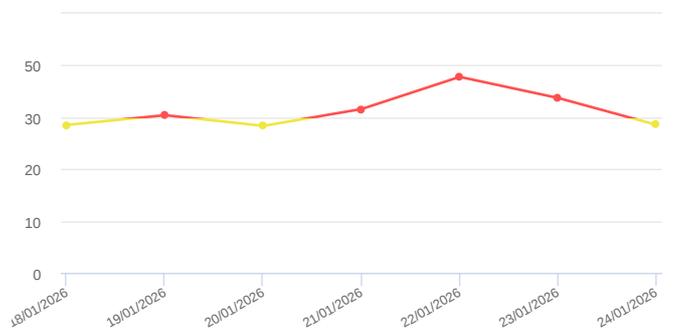
CO (ppb)



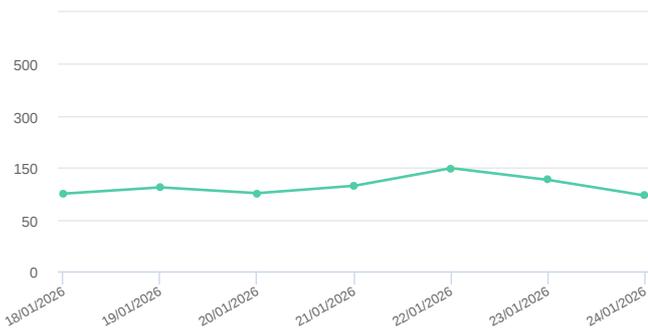
R. Humidity (%)



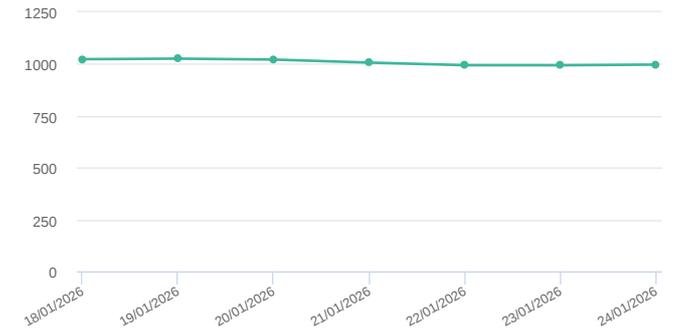
PM₁ (µg/m³)



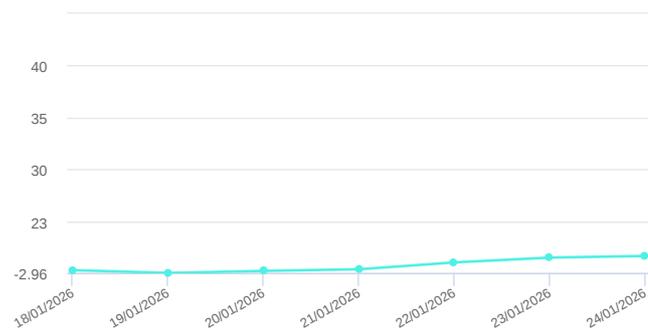
PM₁₀₀ (µg/m³)



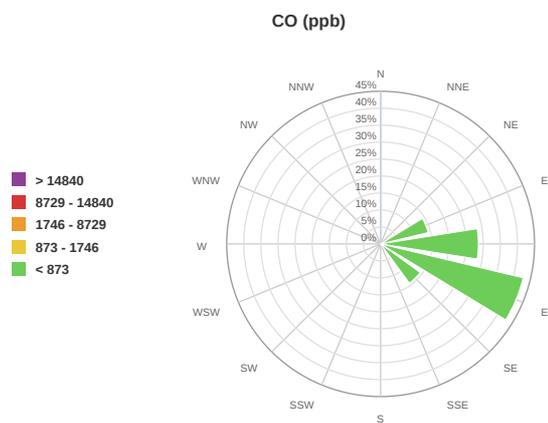
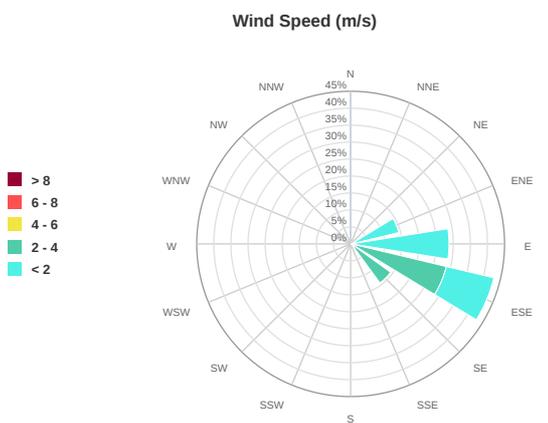
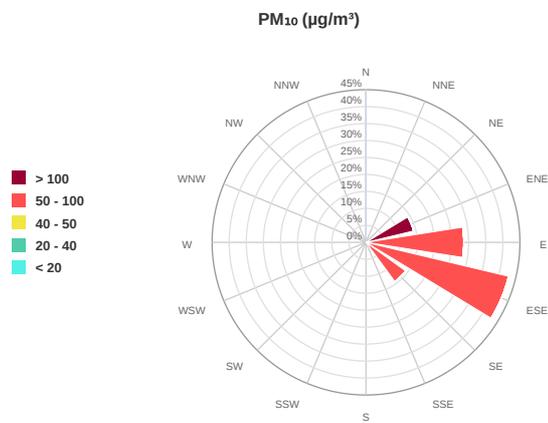
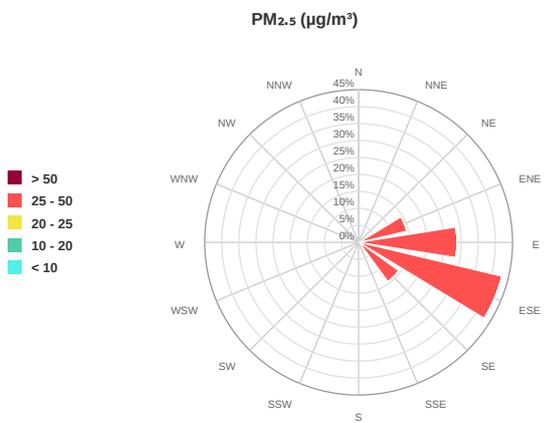
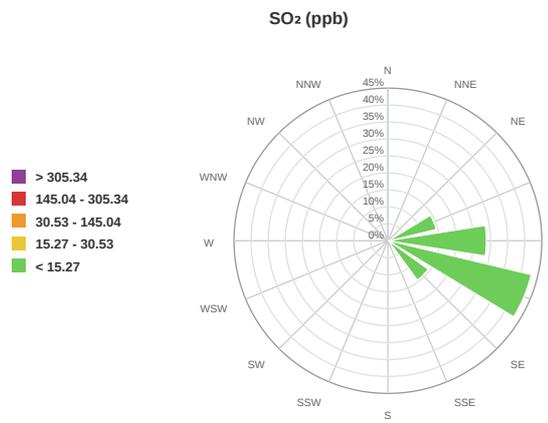
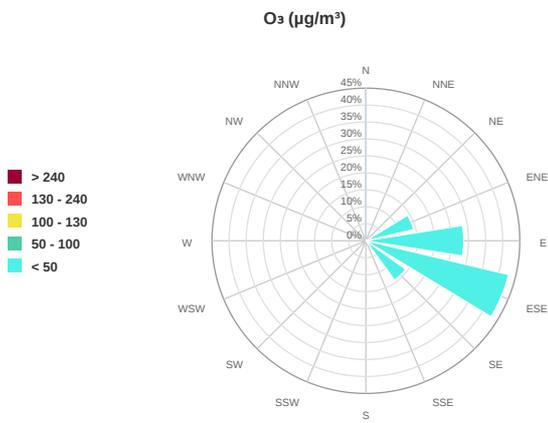
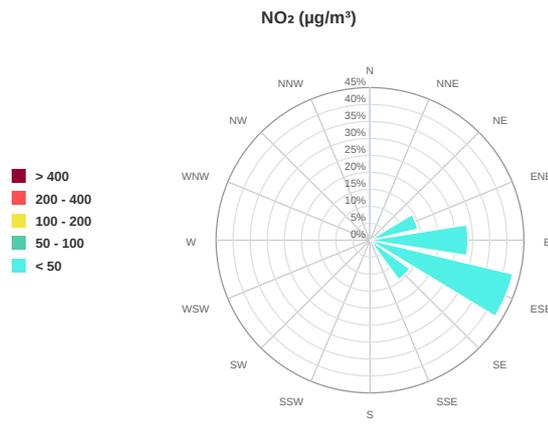
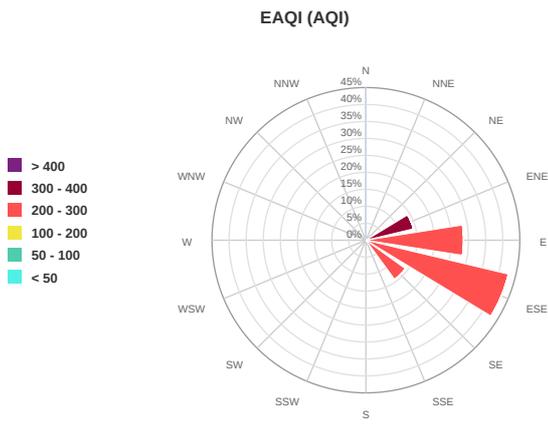
Pressure (hPa)



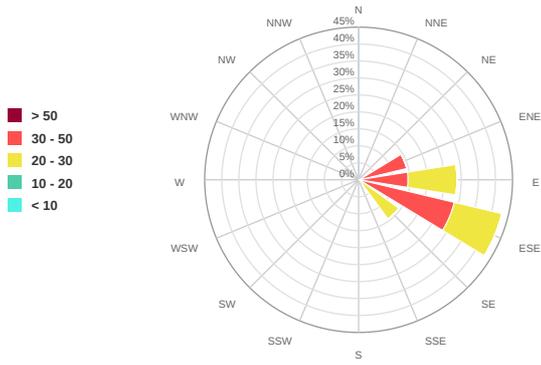
Temperature (°C)



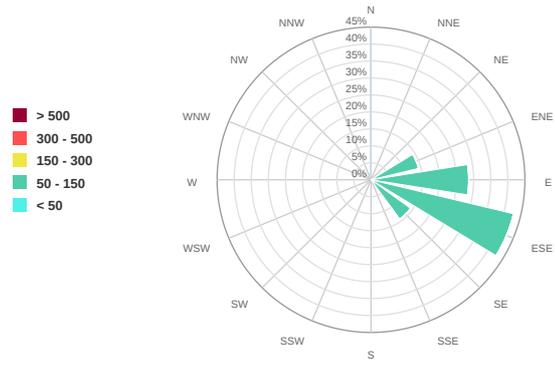
Media zilnică



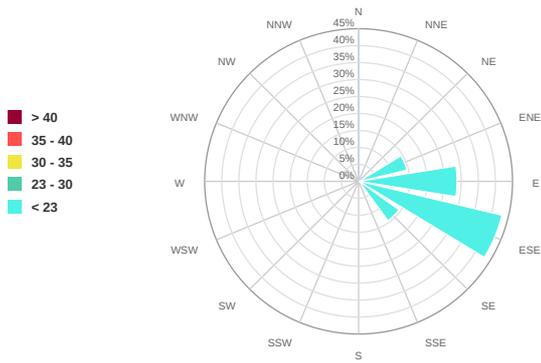
PM₁ (µg/m³)



PM₁₀₀ (µg/m³)



Temperature (°C)



Alerte

No alerts for the selected date and time range

Insights

- 24/01/2026, 23:59 **Predominantly Poor Air Quality Days:** The EAQI consistently falls within the 'Poor' category for most days, with values ranging from 242 to 292, except for one day in 'Very Poor' category, highlighting a concerning trend in air quality.
- 24/01/2026, 23:59 **Elevated PM_{2.5} Levels Indicate Pollution:** PM_{2.5} levels consistently exceed the 'Poor' threshold (25 µg/m³), ranging from 30.64 µg/m³ to 49.46 µg/m³, indicating significant particulate matter pollution.
- 24/01/2026, 23:59 **High PM₁₀ Values Suggest Significant Pollution:** PM₁₀ levels varied across 'Poor' to 'Very Poor' categories, reaching a peak of 114.44 µg/m³ on 2026-01-22. Most values are above the 'Poor' threshold (50 µg/m³).
- 24/01/2026, 23:59 **NO₂ Levels Mostly Within Fair to Moderate Range:** NO₂ concentrations are primarily within the 'Fair' and 'Moderate' zones, with values ranging from 22.15 µg/m³ to 66.78 µg/m³. The value on 2026-01-22 is closest to 'Poor' zone.
- 24/01/2026, 23:59 **O₃ Levels Fluctuate but Mostly in Good to Moderate Zone:** O₃ concentrations vary widely, with most values in 'Good' to 'Moderate' range, from 1.32 µg/m³ to 41.5 µg/m³. The lowest value observed was on 2026-01-22.
- 24/01/2026, 23:59 **SO₂ Levels Consistently Low:** SO₂ levels are consistently low, registering at or near 0 ppb for most of the recorded period, with one exception at 0.53 ppb, indicating minimal sulfur dioxide pollution.
- 24/01/2026, 23:59 **Wind Speed's Influence on Air Quality:** Wind speeds fluctuate between 0.91 m/s and 3.22 m/s. Lower wind speeds, potentially on 2026-01-22, correlate with poorer air quality due to less pollutant dispersion.
- 24/01/2026, 23:59 **Temperature and Air Quality Relationship:** Temperatures range from -2.96°C to 5.54°C. There is no clear correlation between temperature and EAQI based solely on this limited dataset.
- 24/01/2026, 23:59 **EAQI and PM_{2.5} Correlation Observed:** The EAQI values appear to be closely correlated with PM_{2.5} levels. Higher PM_{2.5} concentrations generally coincide with higher EAQI values and poorer air quality classifications.
- 22/01/2026, 23:59 **January 22nd: Peak Pollution Event:** January 22nd stands out as having the worst air quality, marked by the highest EAQI (330), PM₁₀ (114.44 µg/m³), and a low O₃ level (1.32 µg/m³), indicating a potential pollution episode.

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	247	13.98	21.14	0	30.88	73.37
19/01/2026, 23:59	268	26.73	9.21	0	33.53	83.97
20/01/2026, 23:59	250	28.23	8.71	0	30.64	74.52
21/01/2026, 23:59	277	29.69	9.4	0	35.71	88.63
22/01/2026, 23:59	330	35.49	0.67	0	49.46	114.44
23/01/2026, 23:59	292	32.92	4.51	0	40.5	96.1
24/01/2026, 23:59	242	11.77	20.14	0.53	31.09	70.85

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	2.38	110.51	100	519.55	73.69	28.52	99.92	1023.12	-1.58
19/01/2026, 23:59	2.07	111.01	100	606.7	73.34	30.8	111.97	1025.7	-2.96
20/01/2026, 23:59	1.75	81.78	100	620.27	74.08	28.34	100.78	1021.26	-1.96
21/01/2026, 23:59	1.56	89.27	100	607.36	71.96	33.16	115.1	1006.68	-1.12
22/01/2026, 23:59	0.91	76.8	100	755.01	72.1	45.58	149.07	994.15	2.32
23/01/2026, 23:59	1.76	114.8	100	619.87	75.65	37.45	126.37	993.9	4.72
24/01/2026, 23:59	3.22	125.79	100	492.36	76.02	28.56	96.28	996.89	5.54

Oizom will not be responsible for Environmental Data accuracy once Validated