

Primaria Sannicolau Mare (Biblioteca)

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Sannicolau Mare (Biblioteca)**
Locația dispozitivului: **Strada 1 Decembrie 1, Sânnicolau Mare 305600, 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): **353**

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

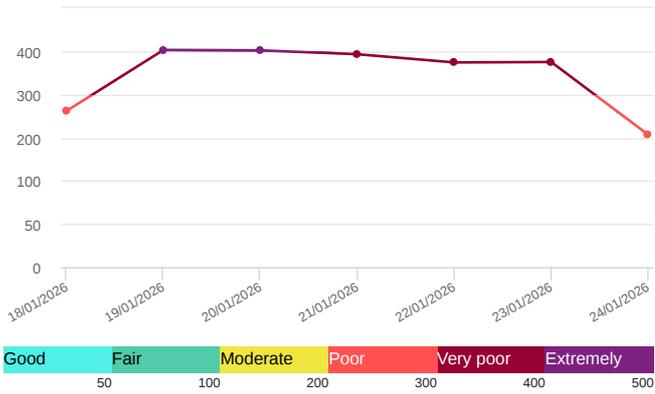
	EAQI AQI	NO ₂ µg/m ³	O ₃ µg/m ³	SO ₂ ppb	PM _{2.5} µg/m ³	PM ₁₀ µg/m ³
Average	353	18.09	42.02	0	57.17	126.23
Maximum	403	27.8	48.3	0	73.12	169.7
Date	19/01/2026	23/01/2026	18/01/2026	18/01/2026	21/01/2026	19/01/2026
Minimum	207	13.32	31.16	0	24.01	53.15
Date	24/01/2026	24/01/2026	23/01/2026	18/01/2026	24/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

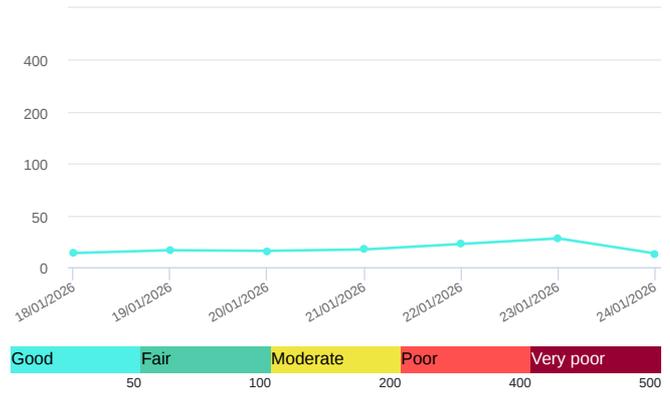
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa	Temperature °C
Average	2	113.41	100	572.99	83.13	49.37	178.74	1012.12	-0.7
Maximum	4.48	151.67	100	739.66	89.22	65.95	310.4	1029.1	4.49
Date	24/01/2026	24/01/2026	18/01/2026	23/01/2026	20/01/2026	21/01/2026	19/01/2026	19/01/2026	24/01/2026
Minimum	1.44	141.46	100	430.01	78.21	21.83	72.12	997.16	-5.1
Date	18/01/2026	18/01/2026	18/01/2026	24/01/2026	18/01/2026	24/01/2026	24/01/2026	23/01/2026	21/01/2026

Media zilnică

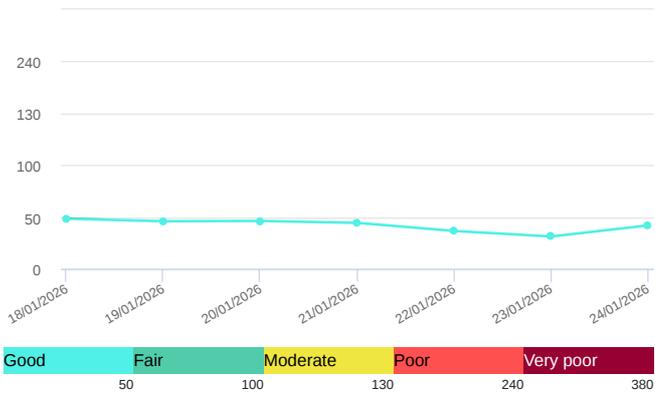
EAQI (AQI)



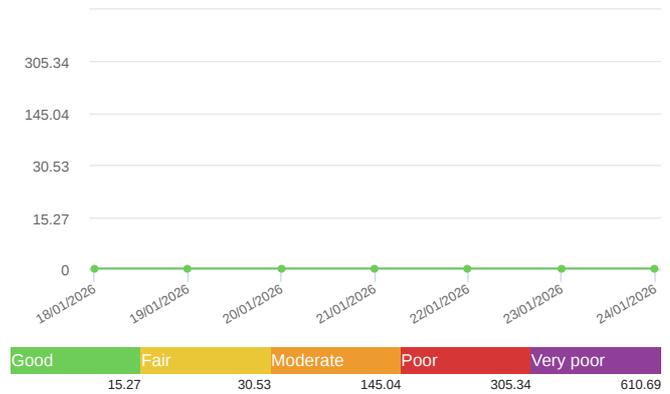
NO₂ (µg/m³)



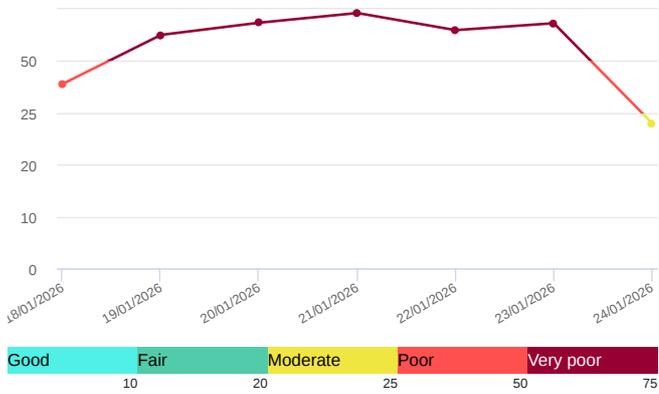
O₃ (µg/m³)



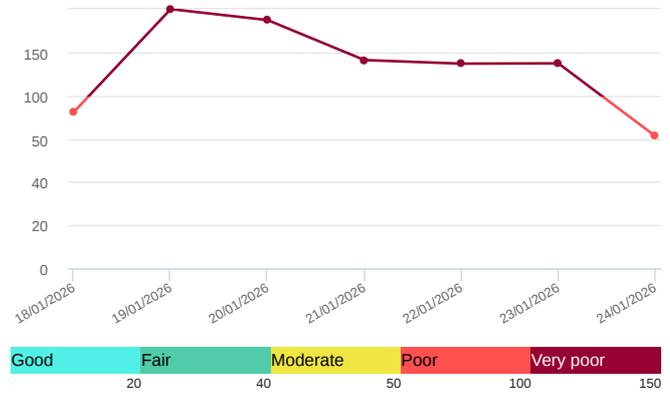
SO₂ (ppb)



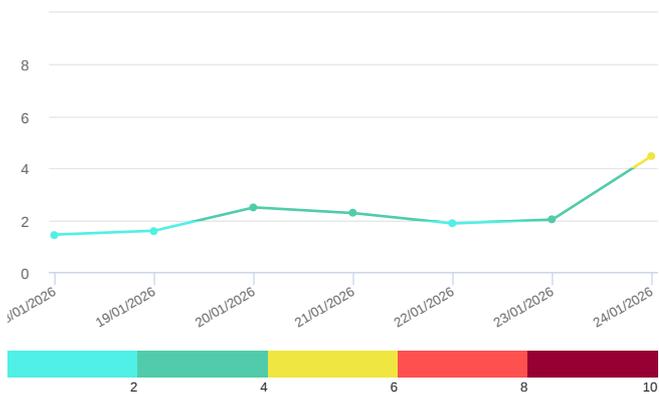
PM_{2.5} (µg/m³)



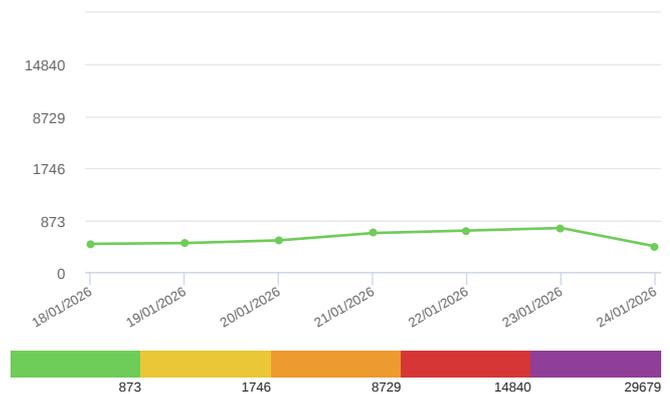
PM₁₀ (µg/m³)



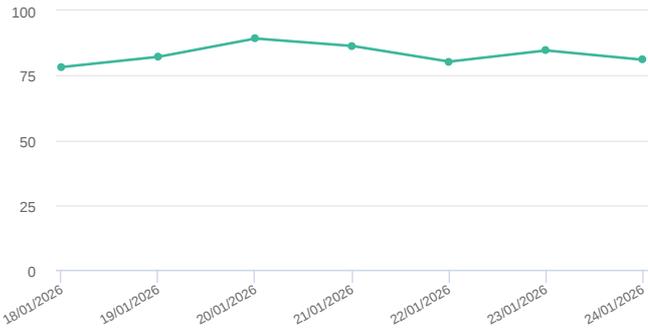
Wind Speed (m/s)



CO (ppb)



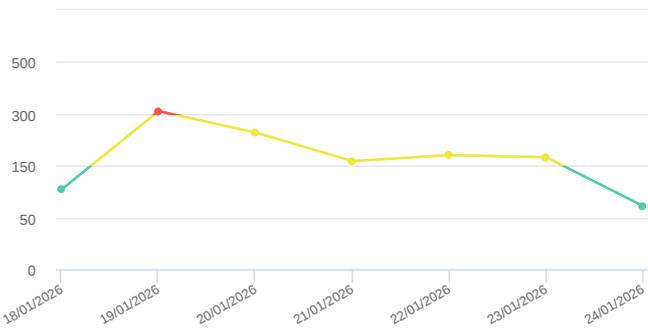
R. Humidity (%)



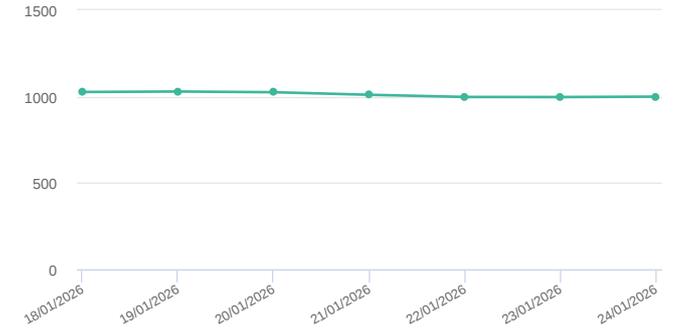
PM₁ (µg/m³)



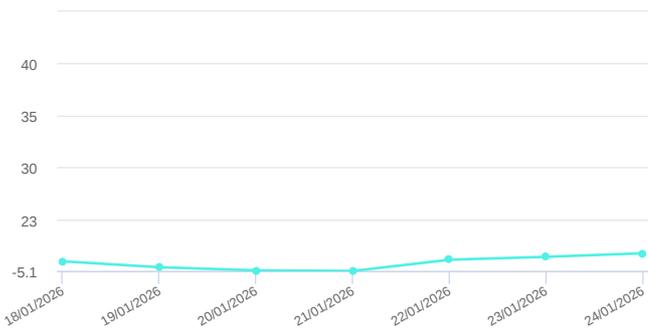
PM₁₀₀ (µg/m³)



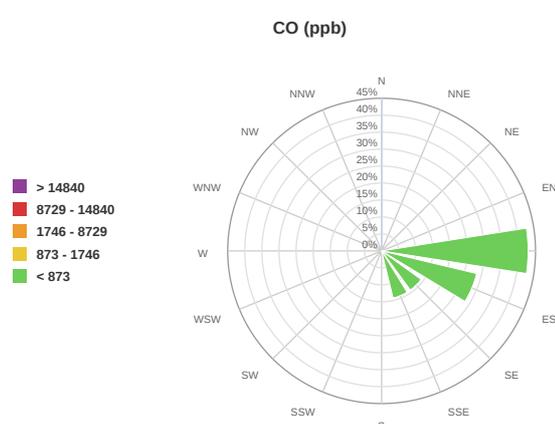
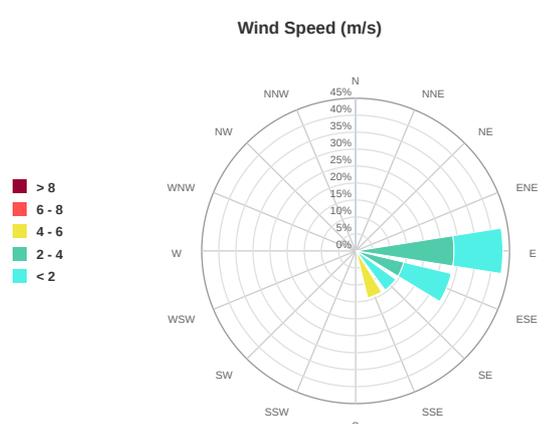
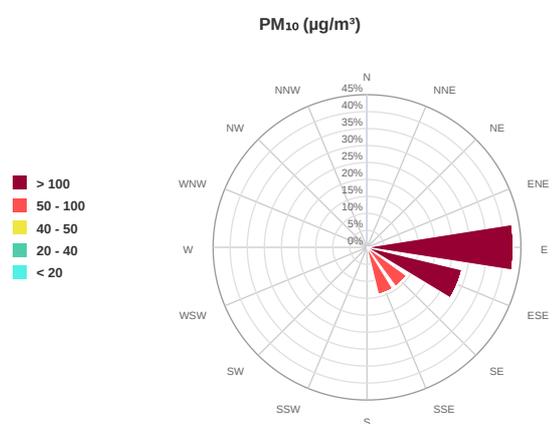
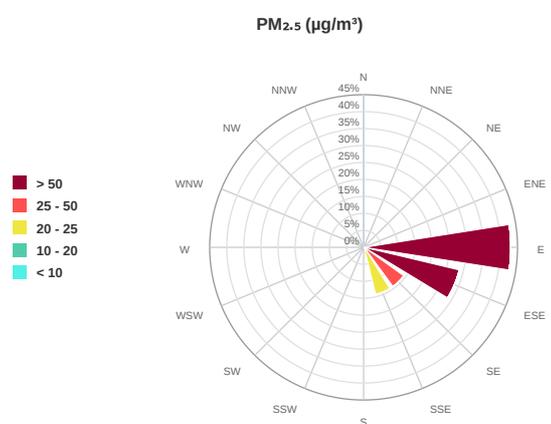
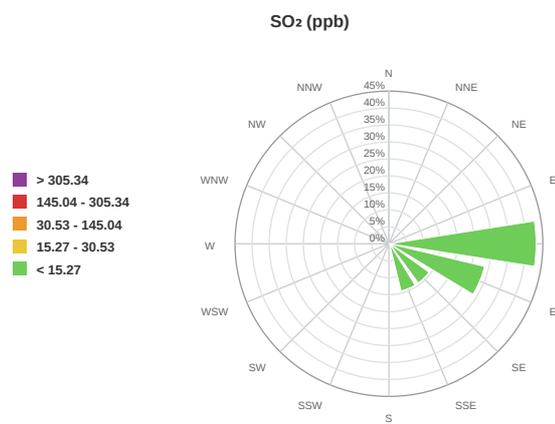
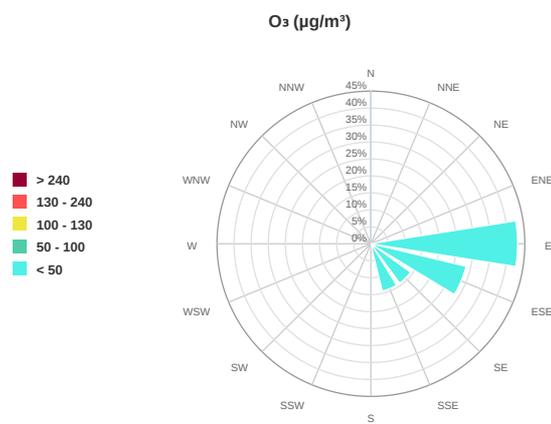
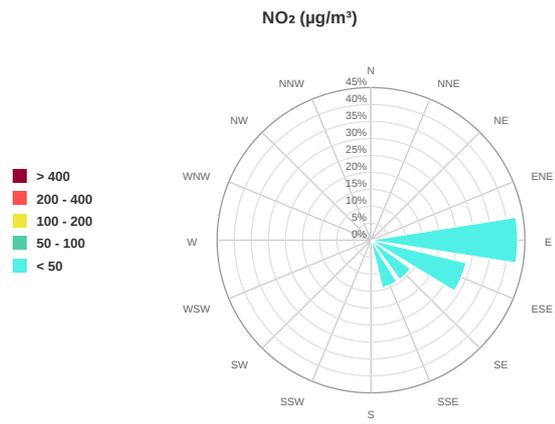
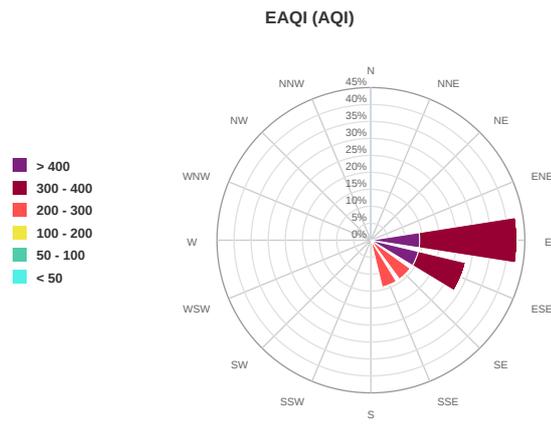
Pressure (hPa)



Temperature (°C)

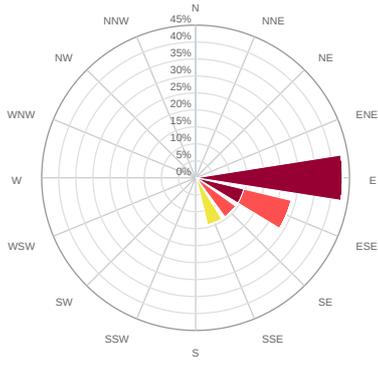


Media zilnică



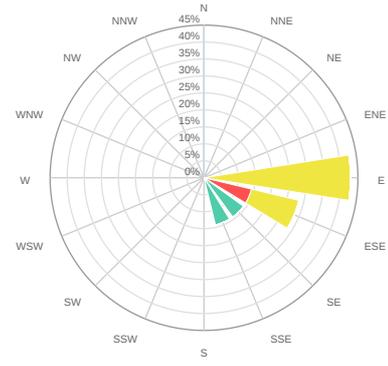
PM₁ (µg/m³)

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



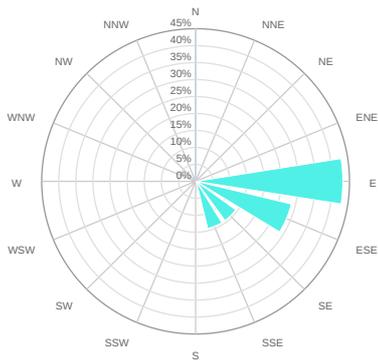
PM₁₀₀ (µg/m³)

- > 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

- 24/01/2026, 23:59 **EAQI consistently in 'Poor' to 'Extremely Poor' range.**: The EAQI values consistently fall within the 'Poor' to 'Extremely Poor' range, ranging from 207 to 403, indicating a sustained period of significantly degraded air quality based on provided thresholds.
- 24/01/2026, 23:59 **Dominant pollutant: PM_{2.5}**: PM_{2.5} levels exceed the 'Poor' threshold, peaking at 73.12 µg/m³, classifying it as the dominant pollutant and a major contributor to the high EAQI values, according to provided thresholds.
- 24/01/2026, 23:59 **PM₁₀ levels frequently in 'Poor' to 'Very poor' ranges**: PM₁₀ concentrations range from 53.15 to 169.7 µg/m³, frequently exceeding the 'Poor' and reaching the 'Very poor' threshold, suggesting significant coarse particulate matter pollution based on provided thresholds.
- 24/01/2026, 23:59 **NO₂ levels generally within 'Fair' to 'Moderate' range.**: NO₂ values range from 25.07 to 52.31 µg/m³, primarily within 'Fair' to 'Moderate' air quality zones, indicating a relatively lower contribution to overall pollution compared to particulate matter based on provided thresholds.
- 24/01/2026, 23:59 **O₃ Levels in 'Poor' range on initial day.**: O₃ peaks initially at 94.82 µg/m³ placing it in 'Poor' zone and decreases throughout the period but all remain within the healthy range.
- 24/01/2026, 23:59 **SO₂ levels consistently low.**: SO₂ levels consistently register at 0 ppb, indicating minimal contribution from sulfur dioxide to the overall air quality index during the observed period.
- 24/01/2026, 23:59 **High relative humidity observed.**: Relative humidity remains high, ranging from 78.21% to 89.22%, potentially influencing the behavior and persistence of particulate matter in the air.
- 24/01/2026, 23:59 **Temperature fluctuations and air quality.**: Temperature varies from -5.1°C to 4.49°C. There is no direct evident correlation, but this could affect atmospheric stability and pollutant dispersion.
- 24/01/2026, 23:59 **Wind speed variation impact.**: Wind speed varies, with a range of 1.44 to 4.48 m/s, affecting pollutant dispersion. Stronger winds could potentially alleviate localized pollution build-up.
- 24/01/2026, 23:59 **Inconsistency in AQI and EAQI**: The EAQI values are duplicated in the 'EAQI (AQI)' column, implying a potential redundancy or intended comparison between different AQI calculation methods, although no specific AQI thresholds are provided to compare against.

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	262	13.72	48.3	0	38.97	80.86
19/01/2026, 23:59	403	16.4	45.87	0	62.58	169.7
20/01/2026, 23:59	402	15.81	46.15	0	68.46	164.71
21/01/2026, 23:59	393	17.17	44.29	0	73.12	141.06
22/01/2026, 23:59	374	22.43	36.5	0	64.88	136.91
23/01/2026, 23:59	375	27.8	31.16	0	68.2	137.25
24/01/2026, 23:59	207	13.32	41.87	0	24.01	53.15

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	141.46	100	472.2	78.21	35.27	104.22	1026.38	0.1
19/01/2026, 23:59	1.59	115.43	100	485.87	82.17	46.56	310.4	1029.1	-3.11
20/01/2026, 23:59	2.49	79.34	100	531.44	89.22	52.31	246.08	1024.92	-4.78
21/01/2026, 23:59	2.27	80.12	100	655.14	86.34	65.95	163.34	1010.19	-5.1
22/01/2026, 23:59	1.87	85.28	100	696.58	80.31	60.01	180.63	997.63	0.98
23/01/2026, 23:59	2.02	113.92	100	739.66	84.62	63.64	174.41	997.16	2.53
24/01/2026, 23:59	4.48	151.67	100	430.01	81.02	21.83	72.12	999.43	4.49

Oizom will not be responsible for Environmental Data accuracy once Validated