

# Primaria Jimbolia ( Piata Alimentara)

## WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Jimbolia ( Piata Alimentara)**  
 Locația dispozitivului: **Strada Gheorghe Doja 4, Jimbolia 305400, Romania**

Parametrii: **EAQI , NO<sub>2</sub> , O<sub>3</sub> , SO<sub>2</sub> , PM<sub>2.5</sub> , PM<sub>10</sub> , Wind Speed , Wind Direction , CO , R. Humidity , PM<sub>1</sub> , PM<sub>100</sub> , Pressure , Temperature**



Media indicelui de calitate al aerului (ICA): **376**

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

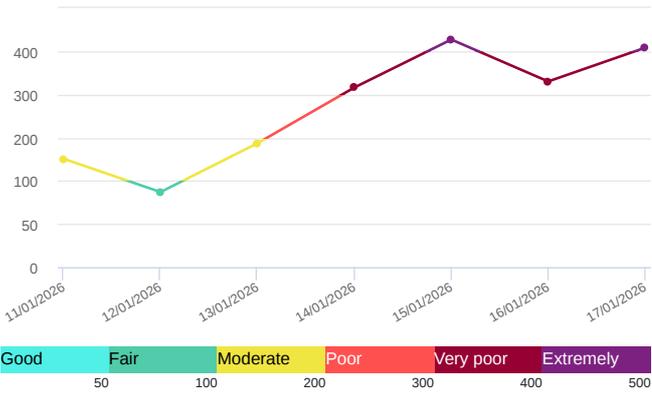
	EAQI AQI	NO <sub>2</sub> µg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	SO <sub>2</sub> ppb	PM <sub>2.5</sub> µg/m <sup>3</sup>	PM <sub>10</sub> µg/m <sup>3</sup>
Average	376	55.24	79.79	0	57.42	137.7
Maximum	427	59.95	114.4	0	156.83	422.7
Date	15/01/2026	15/01/2026	11/01/2026	11/01/2026	15/01/2026	15/01/2026
Minimum	87	50.2	60.79	0	13.66	25.8
Date	12/01/2026	17/01/2026	16/01/2026	11/01/2026	12/01/2026	12/01/2026

Prezentare generală zilnică: Alți parametri

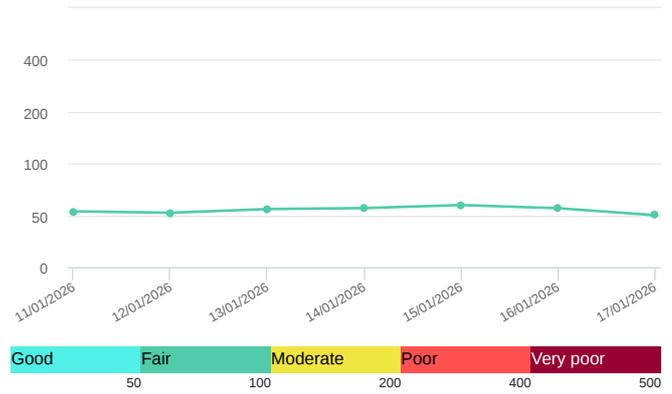
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM <sub>1</sub> μg/m <sup>3</sup>	PM <sub>100</sub> μg/m <sup>3</sup>	Pressure HPa	Temperature °C
<b>Average</b>	1.23	188.46	98.63	451.77	79.76	36.68	189.09	1014.41	-0.44
<b>Maximum</b>	3.55	295.46	100	652.45	86.95	75.72	615.65	1022.15	3.55
<b>Date</b>	11/01/2026	11/01/2026	11/01/2026	15/01/2026	16/01/2026	15/01/2026	15/01/2026	17/01/2026	16/01/2026
<b>Minimum</b>	1.46	175.58	90.39	319.73	69.91	12.45	29.22	1007.65	-5.98
<b>Date</b>	15/01/2026	15/01/2026	16/01/2026	11/01/2026	12/01/2026	12/01/2026	12/01/2026	11/01/2026	12/01/2026

Media zilnică

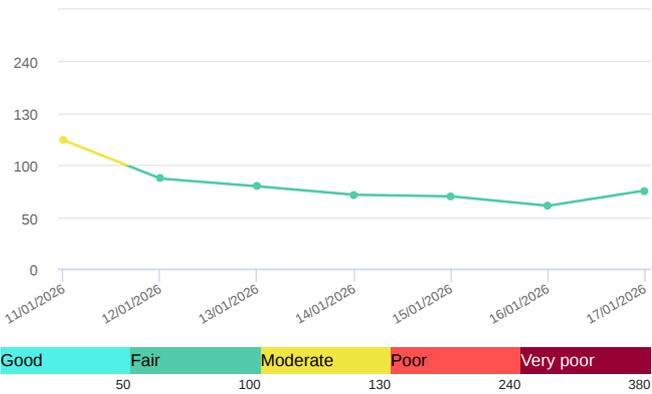
EAQI (AQI)



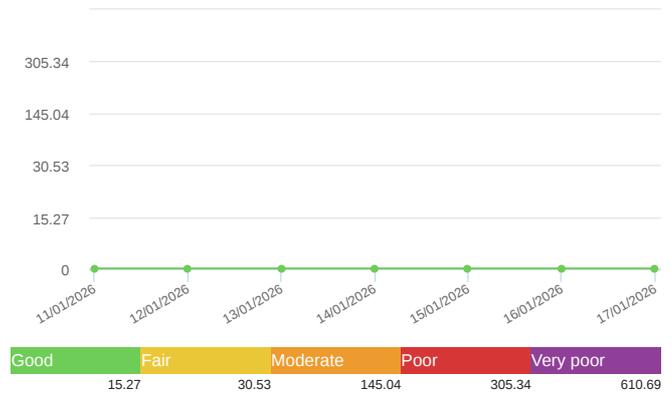
NO<sub>2</sub> (µg/m<sup>3</sup>)



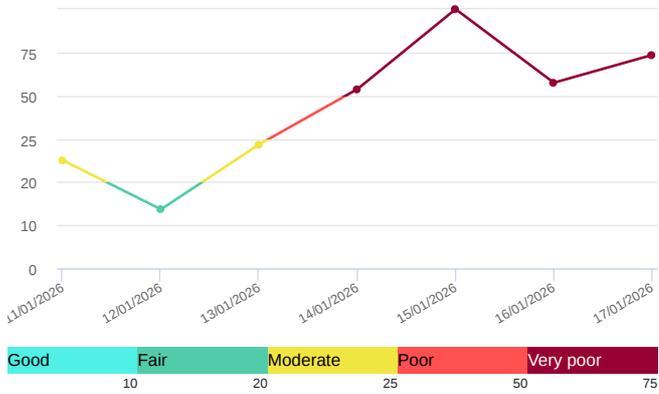
O<sub>3</sub> (µg/m<sup>3</sup>)



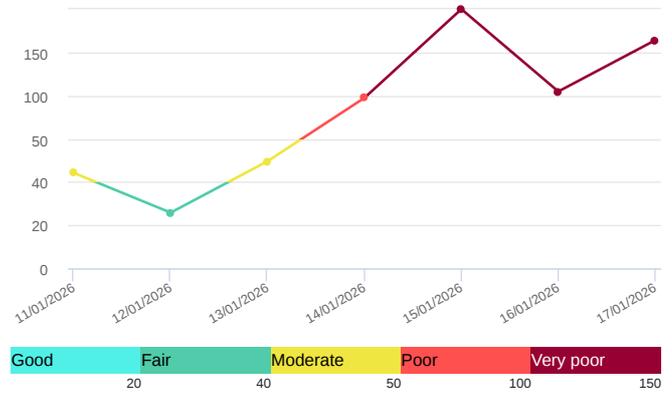
SO<sub>2</sub> (ppb)



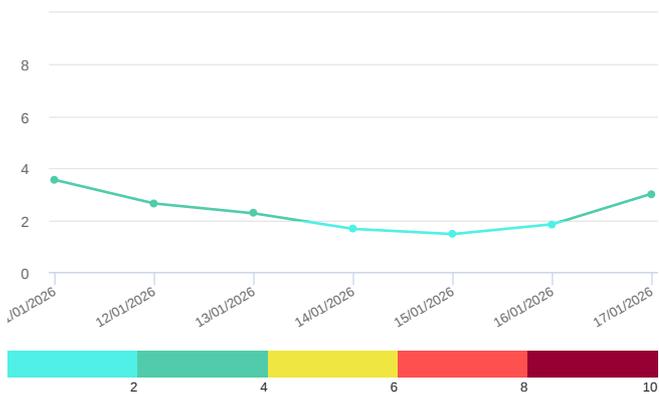
PM<sub>2.5</sub> (µg/m<sup>3</sup>)



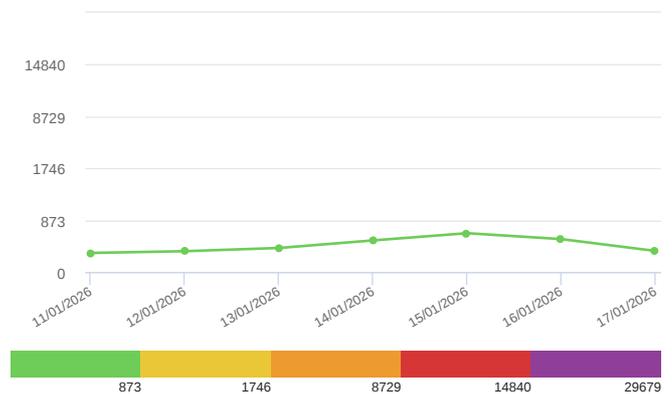
PM<sub>10</sub> (µg/m<sup>3</sup>)



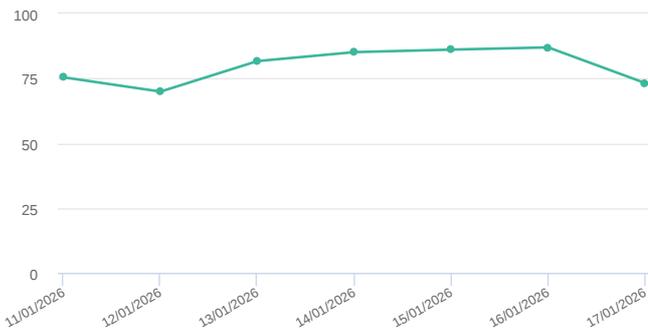
Wind Speed (m/s)



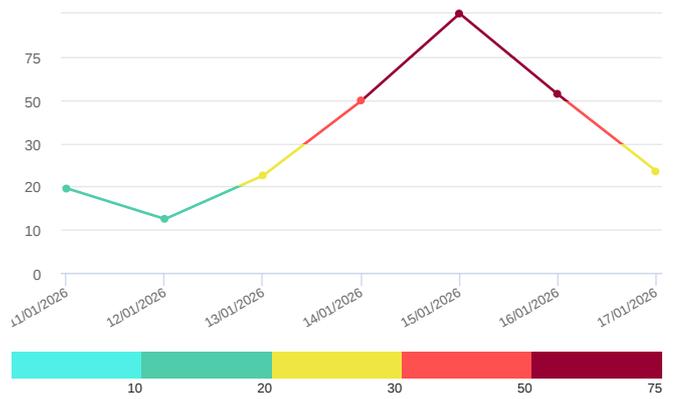
CO (ppb)



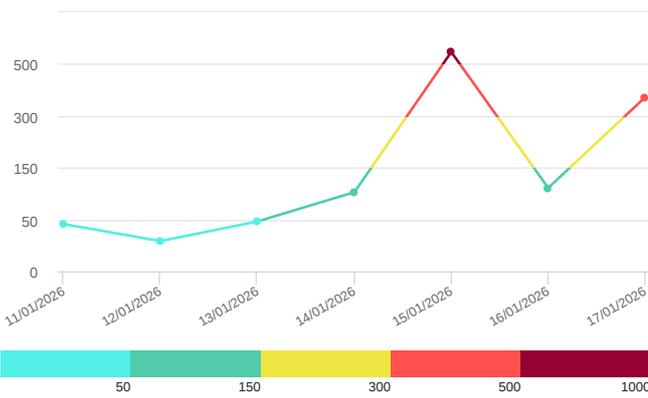
R. Humidity (%)



PM<sub>1</sub> (µg/m<sup>3</sup>)



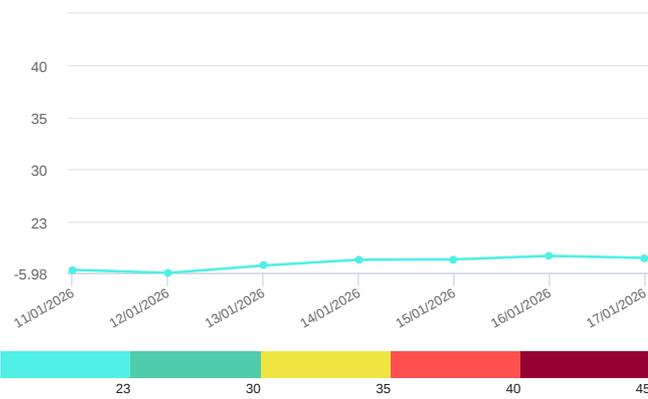
PM<sub>100</sub> (µg/m<sup>3</sup>)



Pressure (hPa)



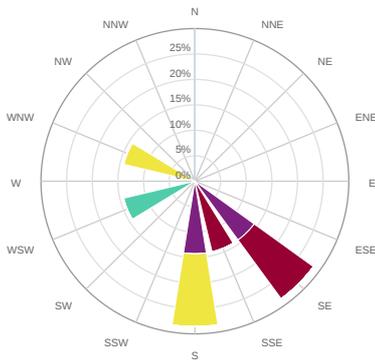
Temperature (°C)



Media zilnică

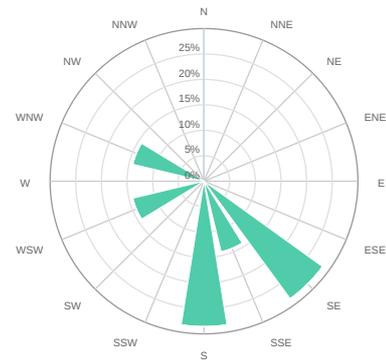
EAQI (AQI)

- > 400
- 300 - 400
- 200 - 300
- 100 - 200
- 50 - 100
- < 50



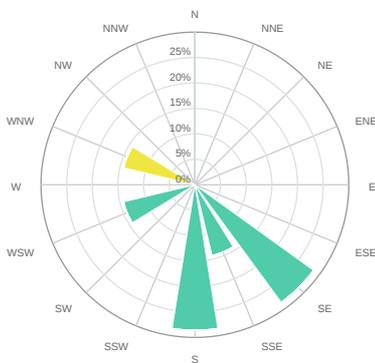
NO<sub>2</sub> (µg/m<sup>3</sup>)

- > 400
- 200 - 400
- 100 - 200
- 50 - 100
- < 50



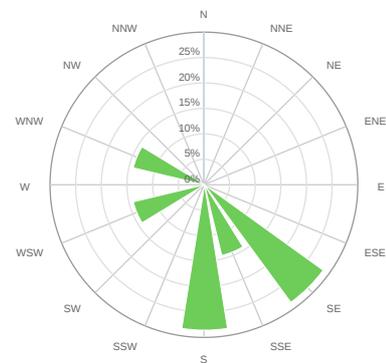
O<sub>3</sub> (µg/m<sup>3</sup>)

- > 240
- 130 - 240
- 100 - 130
- 50 - 100
- < 50



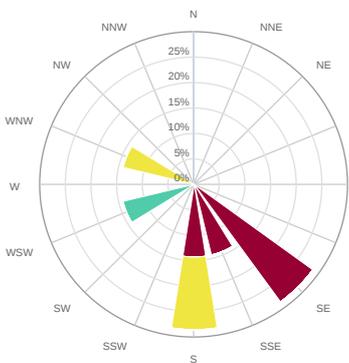
SO<sub>2</sub> (ppb)

- > 305.34
- 145.04 - 305.34
- 30.53 - 145.04
- 15.27 - 30.53
- < 15.27



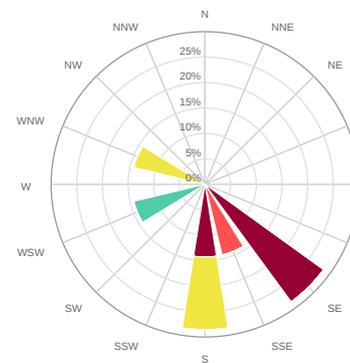
PM<sub>2.5</sub> (µg/m<sup>3</sup>)

- > 50
- 25 - 50
- 20 - 25
- 10 - 20
- < 10



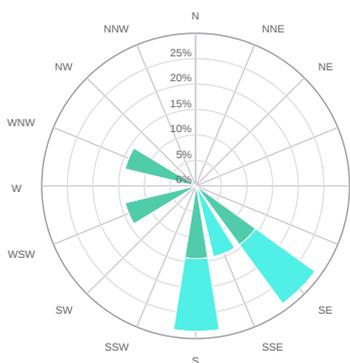
PM<sub>10</sub> (µg/m<sup>3</sup>)

- > 100
- 50 - 100
- 40 - 50
- 20 - 40
- < 20



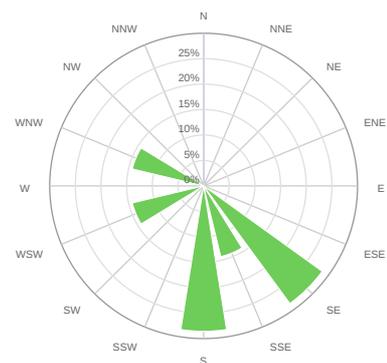
Wind Speed (m/s)

- > 8
- 6 - 8
- 4 - 6
- 2 - 4
- < 2

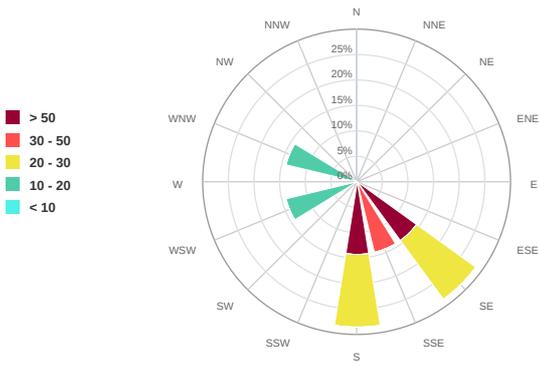


CO (ppb)

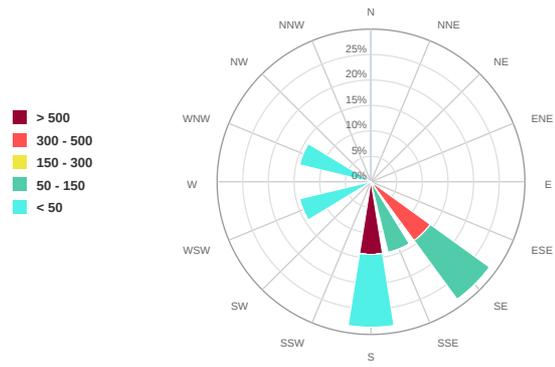
- > 14840
- 8729 - 14840
- 1746 - 8729
- 873 - 1746
- < 873



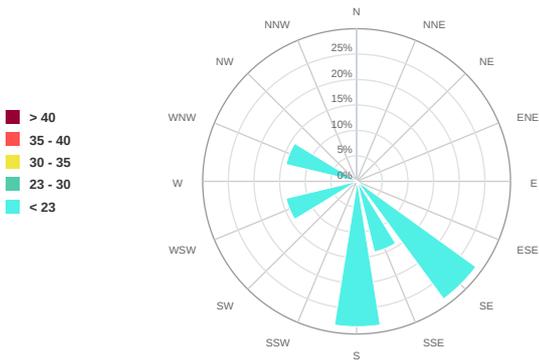
**PM<sub>1</sub> (µg/m<sup>3</sup>)**



**PM<sub>100</sub> (µg/m<sup>3</sup>)**



**Temperature (°C)**



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## Alerte

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No alerts for the selected date and time range

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## Insights

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- 17/01/2026, 23:59 **Deteriorating Air Quality Trend:** The EAQI worsens over the observation period, shifting from 'Poor' to 'Extremely poor'. This indicates a concerning increase in overall air pollution levels.
- 17/01/2026, 23:59 **Dominance of Poor Air Quality Days:** Air quality consistently falls within 'Poor' and 'Very Poor' or 'Extremely poor' categories based on EAQI values, demanding attention to emission sources.
- 15/01/2026, 23:59 **Significant PM<sub>2.5</sub> Spikes:** PM<sub>2.5</sub> levels show a sharp increase, reaching 156.83 µg/m<sup>3</sup>, classifying it as 'Extremely Poor', which can severely impact respiratory health.
- 15/01/2026, 23:59 **Elevated PM<sub>10</sub> Levels Indicate Coarse Particle Pollution:** PM<sub>10</sub> concentrations exhibit substantial fluctuations, peaking at 422.7 µg/m<sup>3</sup>, signifying 'Extremely Poor' conditions related to dust and industrial emissions.
- 17/01/2026, 23:59 **NO<sub>2</sub> Levels Consistently in 'Poor' to 'Moderate' Range:** Nitrogen Dioxide (NO<sub>2</sub>) remains elevated, generally staying within the 'Poor' range. The highest value observed is 112.81 µg/m<sup>3</sup>.
- 17/01/2026, 23:59 **O<sub>3</sub> Concentration Decline with Worsening EAQI:** Ozone levels are gradually declining, this trend needs further investigation to see if other pollutants are titrating O<sub>3</sub>.
- 17/01/2026, 23:59 **SO<sub>2</sub> Levels Consistently Low:** Sulfur Dioxide (SO<sub>2</sub>) concentrations remain at 0 ppb throughout the entire observation period, suggesting no local SO<sub>2</sub> emission sources.
- 17/01/2026, 23:59 **CO Levels Show an Increasing Trend:** CO levels gradually increase over the time. The increase in CO concentration may have impact on the air quality.
- 17/01/2026, 23:59 **Wind Direction Fluctuation Observed:** Wind direction changes substantially, this could influence the dispersion or transport of pollutants.
- 16/01/2026, 23:59 **Higher Humidity Correlates with Higher PM<sub>2.5</sub> Levels:** Relatively higher humidity correlates with 'Very Poor'/'Extremely Poor' PM<sub>2.5</sub> levels. The highest recorded humidity is 86.95 % while the peak PM<sub>2.5</sub> concentration occurs.

## Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	EAQI AQI	NO <sub>2</sub> µg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	SO <sub>2</sub> ppb	PM <sub>2.5</sub> µg/m <sup>3</sup>	PM <sub>10</sub> µg/m <sup>3</sup>
11/01/2026, 23:59	151	53.91	114.4	0	22.51	42.09
12/01/2026, 23:59	87	52.56	87	0	13.66	25.8
13/01/2026, 23:59	187	56.11	79.54	0	24.35	44.8
14/01/2026, 23:59	316	57.04	71.41	0	53.7	97.34
15/01/2026, 23:59	427	59.95	69.85	0	156.83	422.7
16/01/2026, 23:59	330	56.88	60.79	0	57.43	104.71
17/01/2026, 23:59	408	50.2	75.52	0	73.45	226.48

# Alți parametri

Media zilnică

To Date	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM <sub>1</sub> µg/m <sup>3</sup>	PM <sub>100</sub> µg/m <sup>3</sup>	Pressure HPa	Temperature °C
11/01/2026, 23:59	3.55	295.46	100	319.73	75.39	19.54	45.54	1007.65	-4.24
12/01/2026, 23:59	2.64	241.1	100	349.19	69.91	12.45	29.22	1013.97	-5.98
13/01/2026, 23:59	2.26	171.73	100	403.42	81.67	22.53	48.14	1012.2	-1.85
14/01/2026, 23:59	1.66	165.15	100	531.22	85.12	49.68	102.68	1014.13	1.42
15/01/2026, 23:59	1.46	175.58	100	652.45	86.09	75.72	615.65	1014.41	1.59
16/01/2026, 23:59	1.84	138.38	90.39	552.83	86.95	53.26	110.95	1016.36	3.55
17/01/2026, 23:59	3.02	134.28	100	353.53	73.21	23.58	371.43	1022.15	2.42

Oizom will not be responsible for Environmental Data accuracy once Validated