

Primaria Recas

WEEKLY AIR-QUALITY REPORT

Timp de la: **17/05/2026, 00:00**
Timp până la: **24/05/2026, 00:00**

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

Parametrii: **CAQI , PM₁₀ , PM_{2.5} , NO₂ , O₃ , CO , Temperature , Wind Speed , Wind Direction , SO₂ , R. Humidity , PM₁ , PM₁₀₀ , Pressure**

Primaria Recas
Calea Timișoarei 134 - 135, Recaş
307340, Romania



Media indicelui de calitate al aerului (ICA): **25**

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

	CAQI AQI	PM ₁₀ µg/m³	PM _{2.5} µg/m³	NO ₂ µg/m³	O ₃ µg/m³
Average	25	24.55	7.69	12.14	27.25
Maximum	33	32.5	9.59	22.55	39.79
Date	18/05/2026	18/05/2026	18/05/2026	18/05/2026	22/05/2026
Minimum	18	18.37	5.72	4.69	11.7
Date	22/05/2026	22/05/2026	22/05/2026	22/05/2026	18/05/2026

The data shown above is based on Media zilnică .

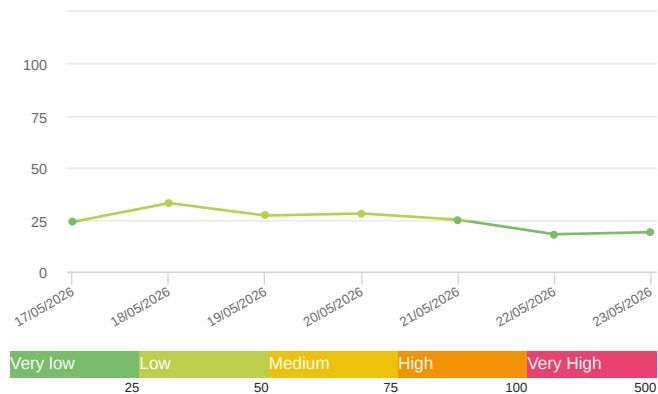
Prezentare generală zilnică: Alți parametri

	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO ₂ ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa
Average	314.71	19.84	3.04	351.47	100	0	61.49	6.44	40.22	1004.82
Maximum	351.65	23.59	7.45	7.57	100	0	81.37	8.4	51.18	1010.35
Date	18/05/2026	23/05/2026	22/05/2026	22/05/2026	17/05/2026	17/05/2026	17/05/2026	20/05/2026	18/05/2026	23/05/2026
Minimum	304.55	16.71	0.95	339.73	100	0	50.99	4.64	32.13	993.39
Date	22/05/2026	18/05/2026	19/05/2026	19/05/2026	17/05/2026	17/05/2026	23/05/2026	22/05/2026	22/05/2026	17/05/2026

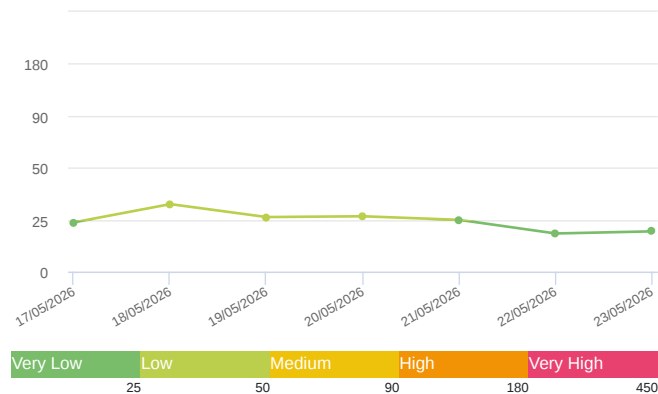
The data shown above is based on Media zilnică .

Media zilnică

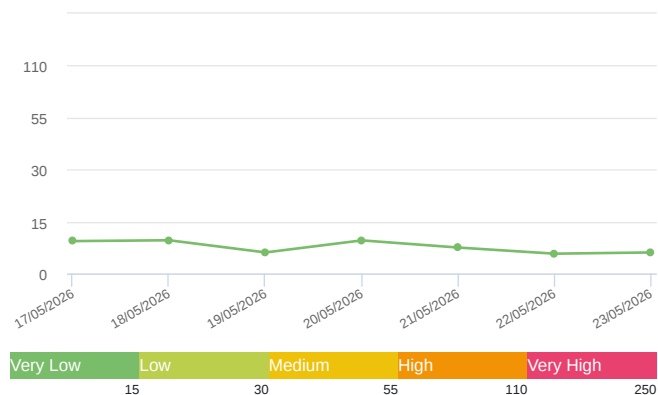
CAQI (AQI)



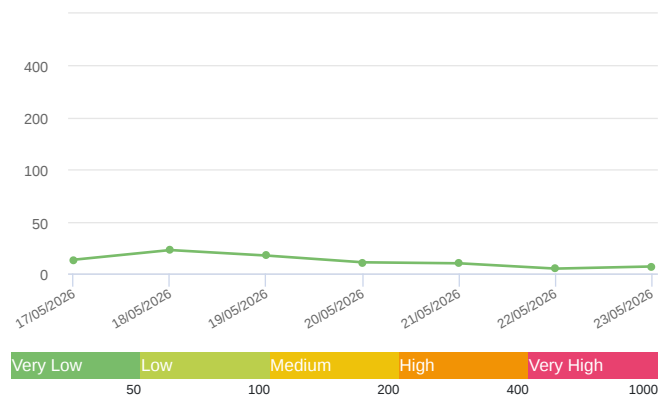
PM₁₀ (μg/m³)



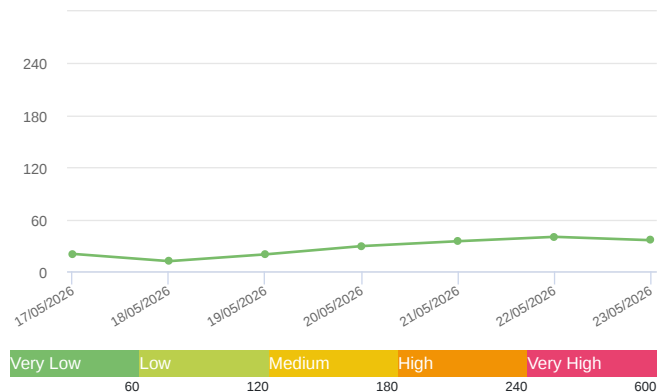
PM_{2.5} (μg/m³)



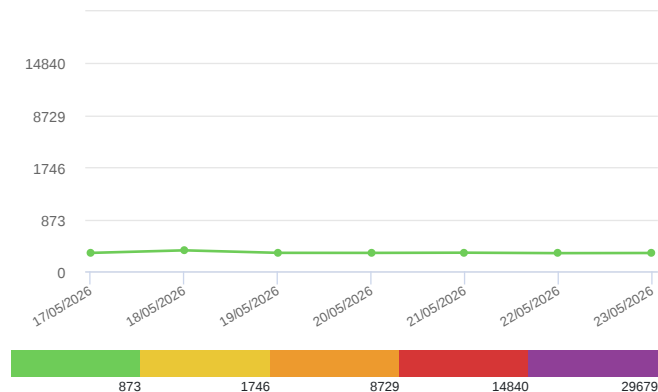
NO₂ (μg/m³)



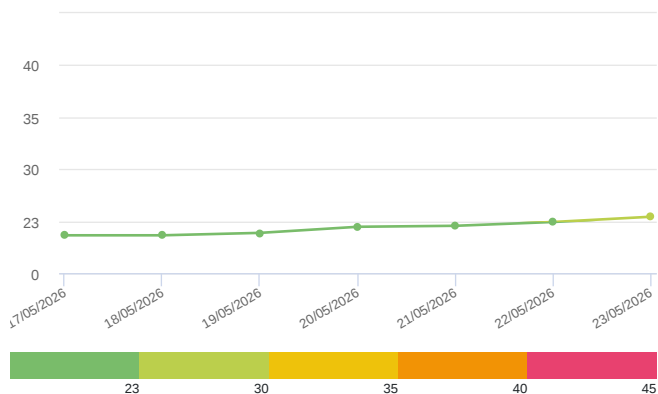
O₃ (μg/m³)



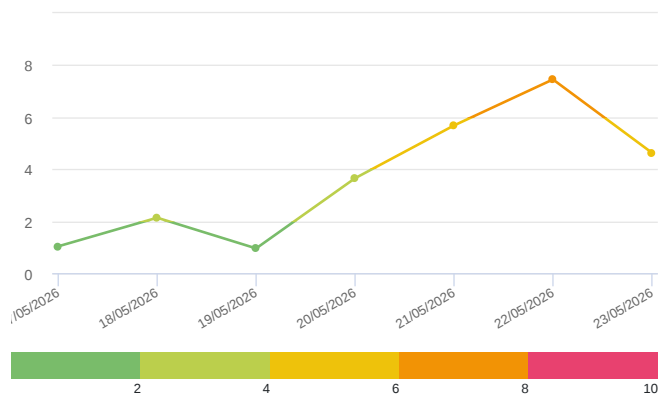
CO (ppb)



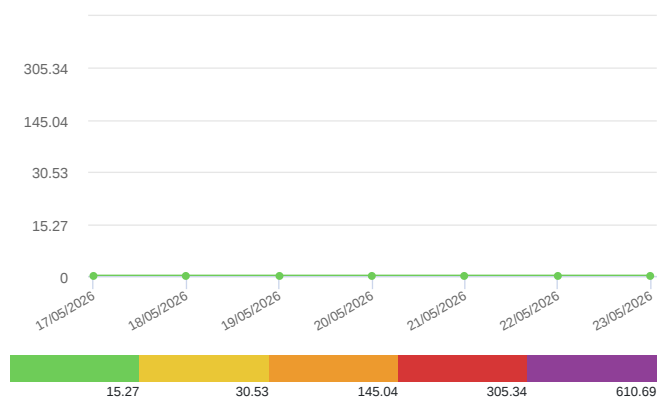
Temperature (°C)



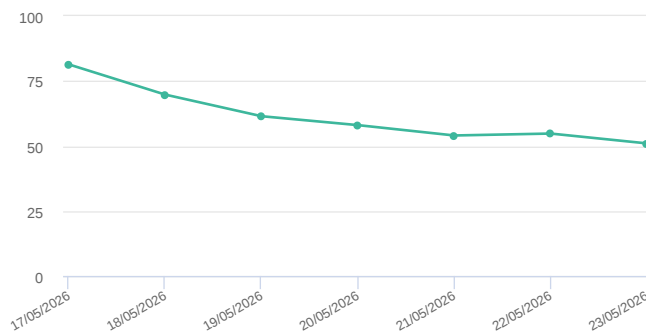
Wind Speed (m/s)



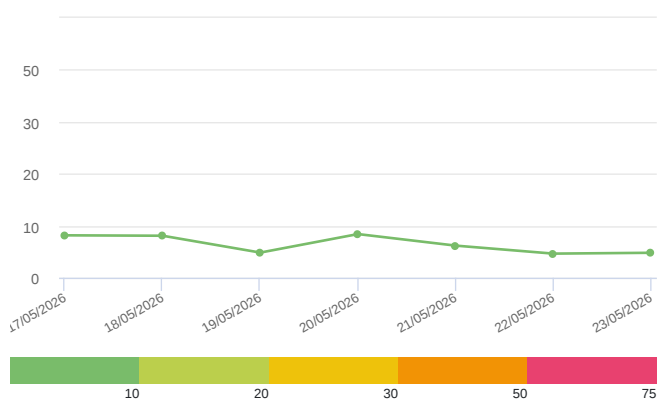
SO₂ (ppb)



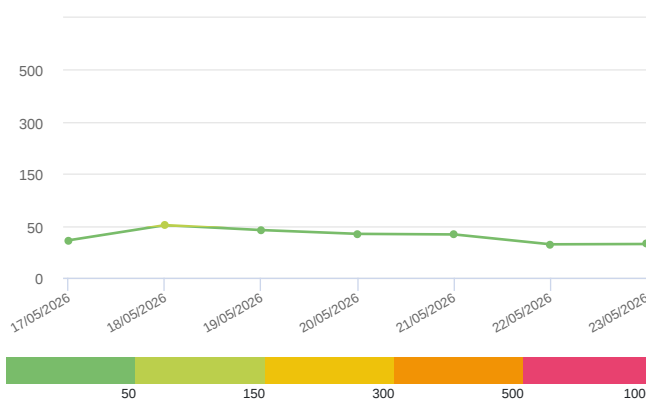
R. Humidity (%)



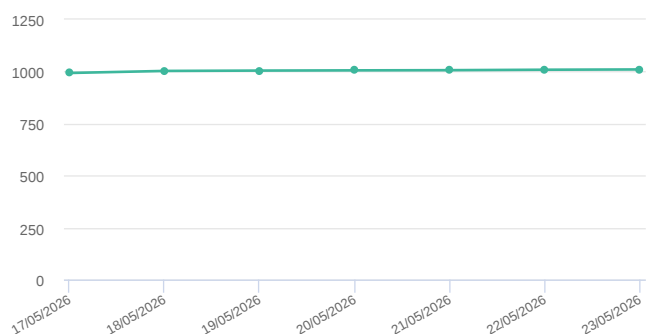
PM₁ (μg/m³)



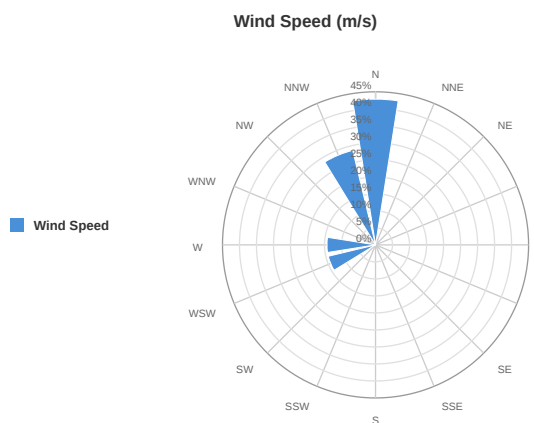
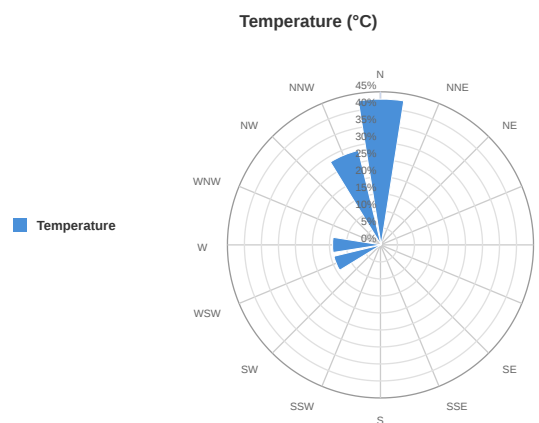
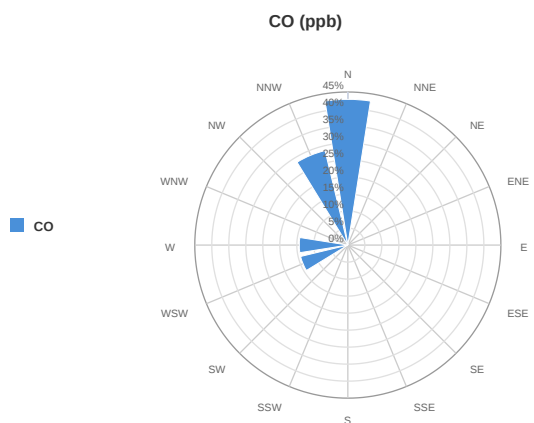
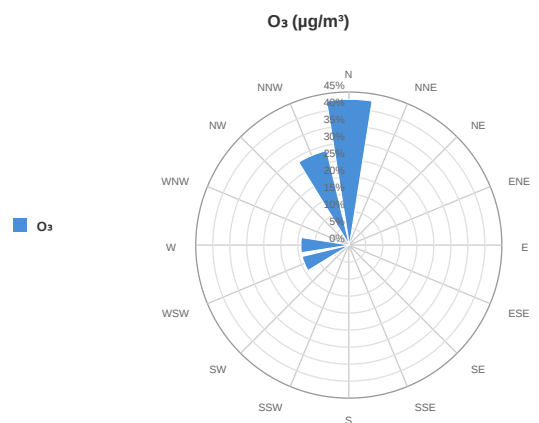
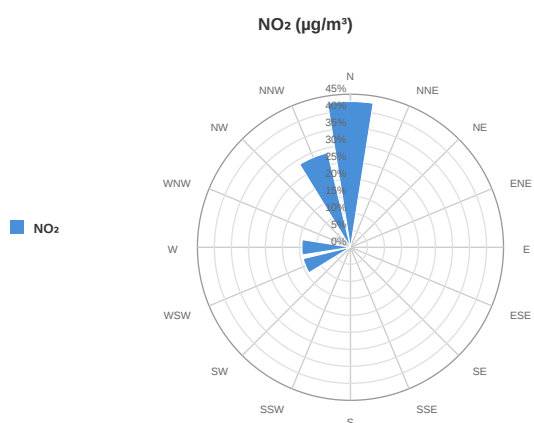
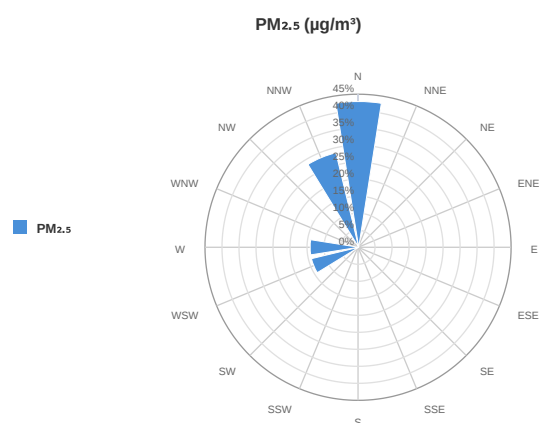
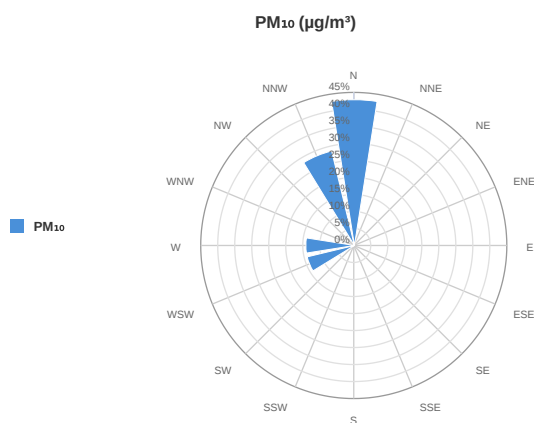
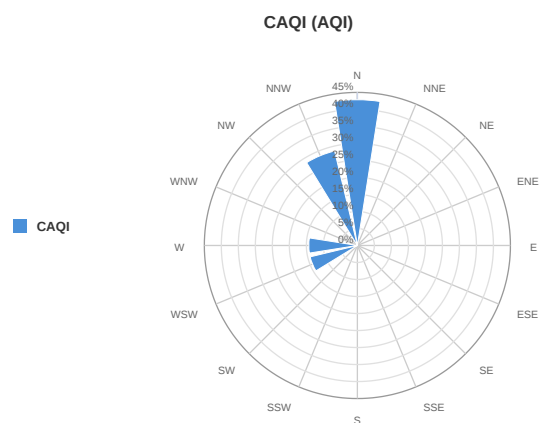
PM₁₀₀ (μg/m³)



Pressure (HPa)

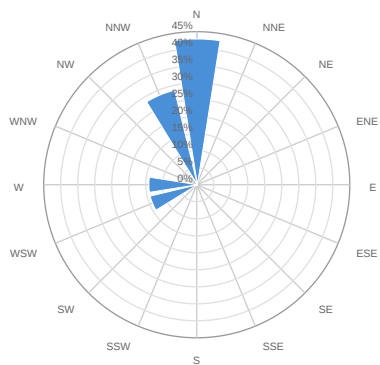


Media zilnică



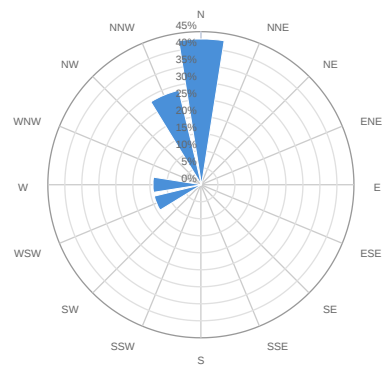
SO₂ (ppb)

■ SO₂



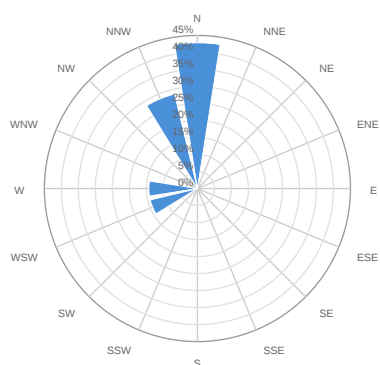
R. Humidity (%)

■ R. Humidity



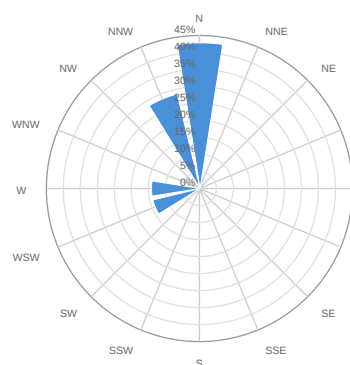
PM₁ (μg/m³)

■ PM₁



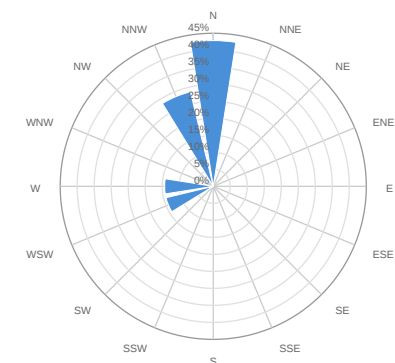
PM₁₀₀ (μg/m³)

■ PM₁₀₀



Pressure (HPa)

■ Pressure



Alerte

No alerts for the selected date and time range

Insights

- 23/05/2026, 23:59 **CAQI consistently in 'Low' to 'Very Low' range**: The CAQI remained consistently in the 'Low' (26-50) to 'Very Low' (0-25) range during the week, indicating generally good air quality. The CAQI ranges from 24 to 33.
- 23/05/2026, 23:59 **NO₂ concentration at 'Very Low' to 'Low' levels**: Nitrogen dioxide (NO₂) levels were predominantly in the 'Very Low' to 'Low' range, with concentrations between 8.83 µg/m³ and 42.43 µg/m³, suggesting minimal NO₂ pollution.
- 23/05/2026, 23:59 **O₃ concentrations varying, mostly in 'Low' to 'Medium' range**: Ozone (O₃) concentrations fluctuated, with values spanning from 22.97 µg/m³ to 78.12 µg/m³. Most values fall within the 'Low' to 'Medium' ranges indicating fluctuating ozone levels.
- 23/05/2026, 23:59 **PM_{2.5} levels consistently in 'Very Low' range**: Particulate Matter 2.5 (PM_{2.5}) concentrations consistently remained in the 'Very Low' range, with levels between 5.72 µg/m³ and 9.59 µg/m³, indicating low fine particle pollution.
- 23/05/2026, 23:59 **PM₁₀ levels generally within 'Very Low' to 'Low' range**: Particulate Matter 10 (PM₁₀) levels were generally in the 'Very Low' to 'Low' range. Concentrations ranged from 18.37 µg/m³ to 32.5 µg/m³ indicating low coarse particle pollution.
- 23/05/2026, 23:59 **Wind speed increase correlated with CAQI Category change**: Higher wind speeds seemed to correlate with a marginal increase in air quality index (CAQI). The 'Low' category appeared with a greater average wind speed, while 'Very Low' category had the lowest.
- 23/05/2026, 23:59 **Temperature increasing over observed period**: The temperature shows an increasing trend throughout the observed period, starting at 16.72°C and ending at 23.59°C. This does not seem to have any immediate correlation with CAQI.
- 23/05/2026, 23:59 **R. Humidity stable between 50% and 82%**: Relative humidity stays relatively stable between 50.99% and 81.37%. This seems to have little impact on other factors such as particulate matter concentration or CAQI.
- 23/05/2026, 23:59 **CO levels steady, no immediate impact**: Carbon monoxide levels fluctuate between 304.55 ppb and 351.65 ppb with no apparent correlation to other factors like CAQI or wind speed within the short timeframe of the data.
- 23/05/2026, 23:59 **Pressure increasing throughout the week**: Atmospheric pressure demonstrates a gradual increase from 993.39 hPa to 1010.35 hPa over the observed period. This increase may have an indirect effect on other environmental factors.

Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	CAQI AQI	PM ₁₀ μg/m ³	PM _{2.5} μg/m ³	NO ₂ μg/m ³	O ₃ μg/m ³
17/05/2026, 23:59	24	23.73	9.34	13.23	20.08
18/05/2026, 23:59	33	32.5	9.59	22.55	11.7
19/05/2026, 23:59	27	26.27	6.08	17.23	19.54
20/05/2026, 23:59	28	26.66	9.56	10.73	29.1
21/05/2026, 23:59	25	24.92	7.48	9.79	34.72
22/05/2026, 23:59	18	18.37	5.72	4.69	39.79
23/05/2026, 23:59	19	19.41	6.08	6.73	35.86

Alți parametri

Media zilnică

To Date	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO ₂ ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa
17/05/2026, 23:59	309.1	16.72	1.03	277.55	100	0	81.37	8.16	36.07	993.39
18/05/2026, 23:59	351.65	16.71	2.13	237.08	100	0	69.76	8.08	51.18	1003.25
19/05/2026, 23:59	309.55	17.81	0.95	339.73	100	0	61.45	4.84	45.84	1004.88
20/05/2026, 23:59	309.03	20.5	3.65	343.87	100	0	58.02	8.4	42.21	1005.97
21/05/2026, 23:59	312.15	20.93	5.68	356.4	100	0	54.04	6.18	41.65	1006.88
22/05/2026, 23:59	304.55	22.62	7.45	7.57	100	0	54.78	4.64	32.13	1009.04
23/05/2026, 23:59	306.95	23.59	4.63	4.51	100	0	50.99	4.8	32.43	1010.35

Oizom will not be responsible for Environmental Data accuracy once Validated