

Primaria Recas

WEEKLY AIR-QUALITY REPORT

Timp de la: **24/05/2026, 00:00**
Timp până la: **31/05/2026, 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): **28**

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	28	26.72	6.85	13.8	28.44
Maximum	36	35.89	9.66	23.57	41.58
Date	27/05/2026	27/05/2026	27/05/2026	27/05/2026	28/05/2026
Minimum	17	17.16	4.68	4.65	14.7
Date	24/05/2026	24/05/2026	24/05/2026	28/05/2026	27/05/2026

The data shown above is based on Media zilnică .

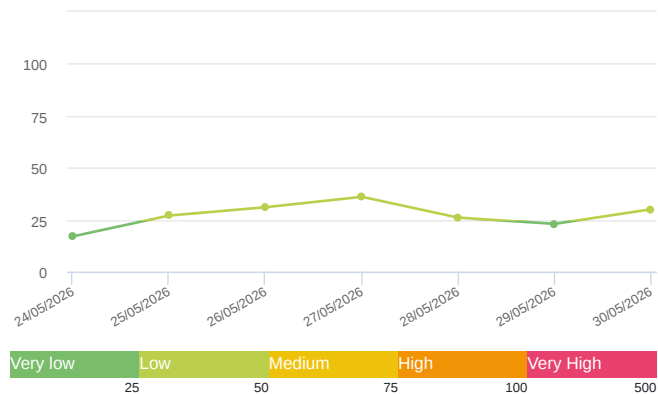
Prezentare generală zilnică: Alți parametri

	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	318.73	23.8	2.45	358.04	100	0	45.98	5.04	43.21	1008.72
Maximum	347.13	26.7	4.66	0.79	100	0	50.26	6.88	53.54	1013.26
Date	27/05/2026	27/05/2026	26/05/2026	26/05/2026	24/05/2026	24/05/2026	25/05/2026	26/05/2026	27/05/2026	25/05/2026
Minimum	279.02	21.11	1.71	202.4	100	0	36.42	3.29	30.59	1004.53
Date	28/05/2026	30/05/2026	27/05/2026	27/05/2026	24/05/2026	24/05/2026	29/05/2026	29/05/2026	24/05/2026	28/05/2026

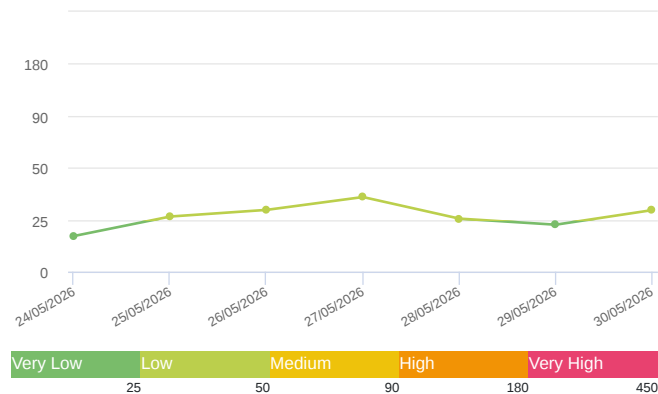
The data shown above is based on Media zilnică .

Media zilnică

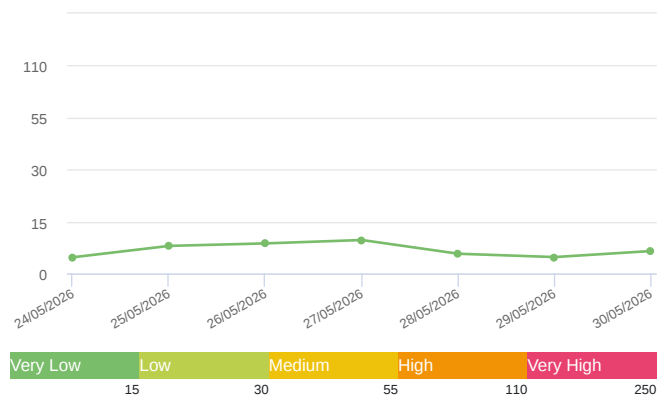
CAQI (AQI)



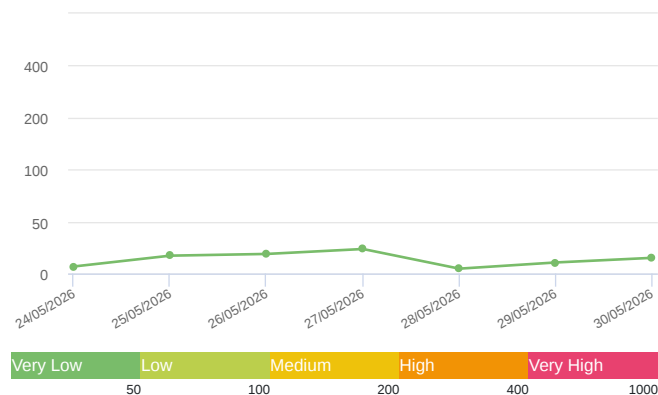
PM₁₀ (μg/m³)



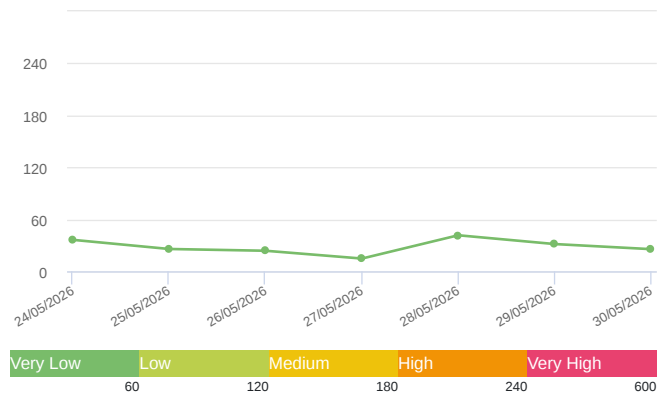
PM_{2.5} (μg/m³)



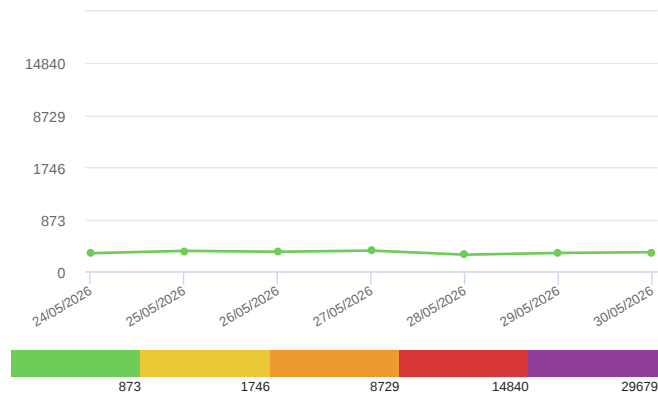
NO₂ (μg/m³)



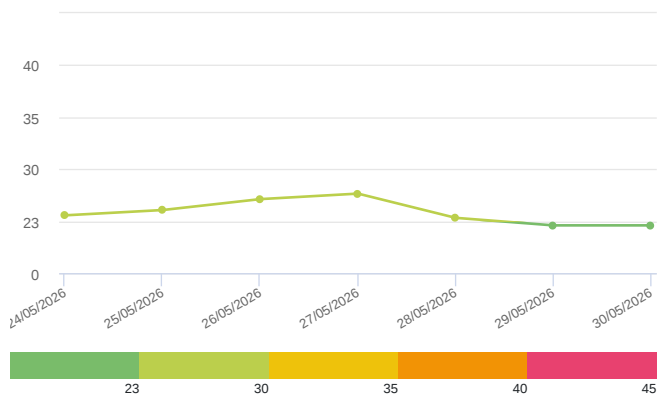
O₃ (μg/m³)



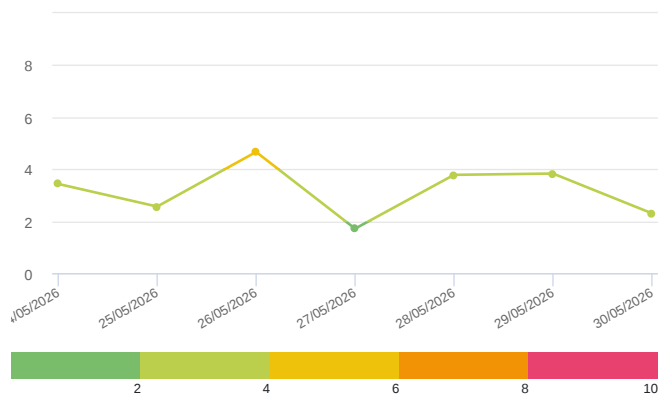
CO (ppb)



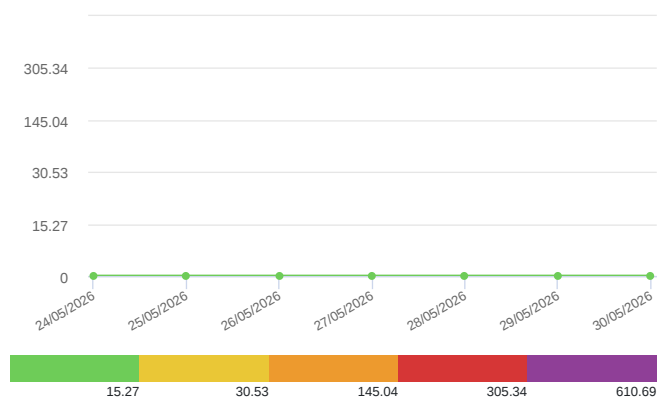
Temperature (°C)



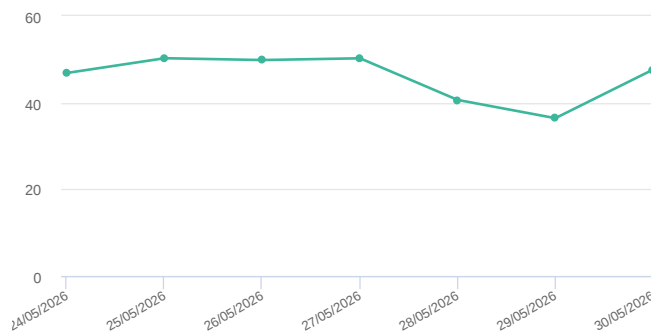
Wind Speed (m/s)



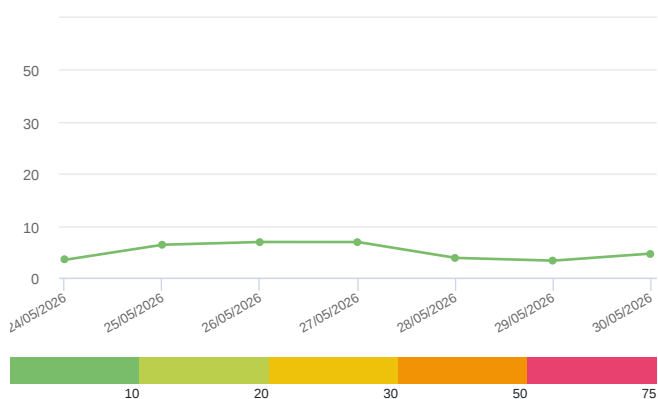
SO₂ (ppb)



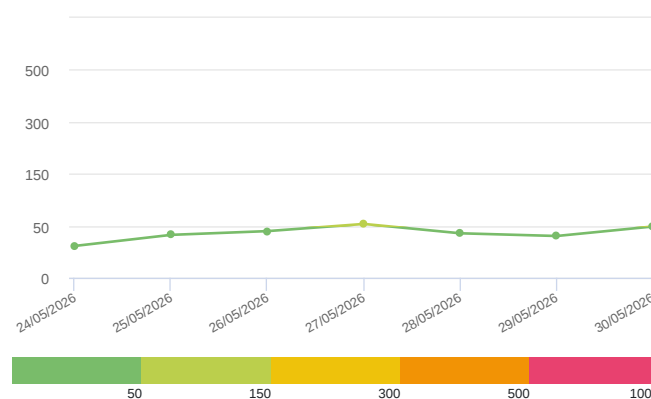
R. Humidity (%)



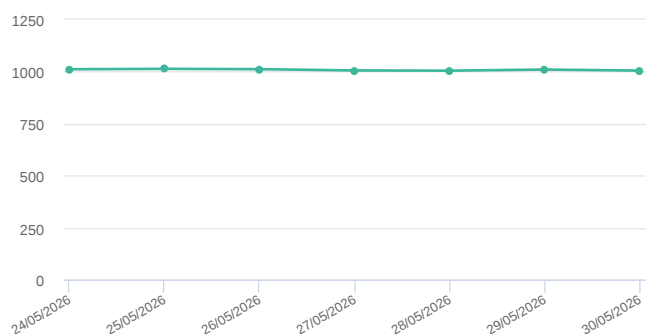
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)

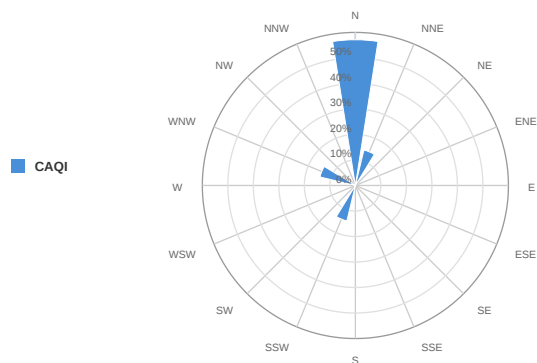


Pressure (hPa)

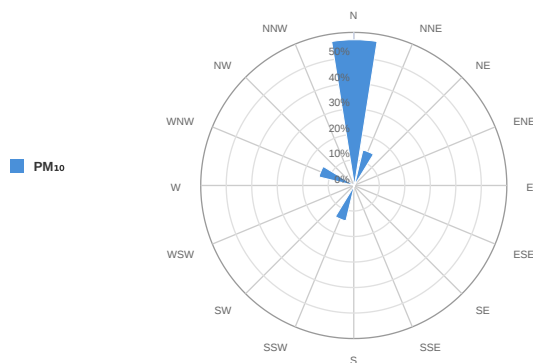


Media zilnică

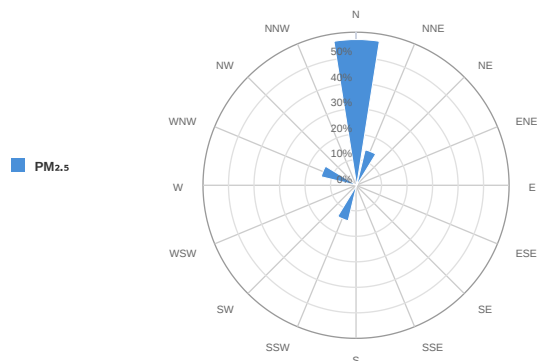
CAQI (AQI)



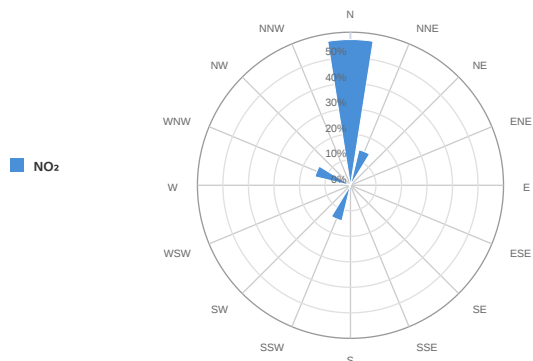
PM₁₀ (μg/m³)



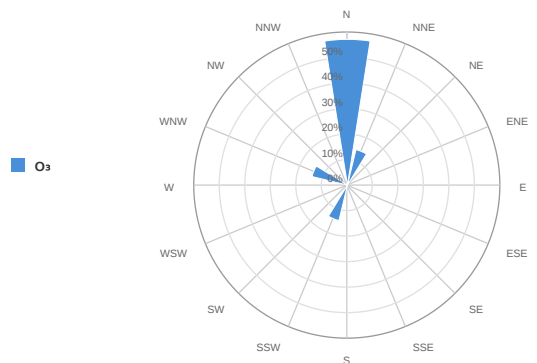
PM_{2.5} (μg/m³)



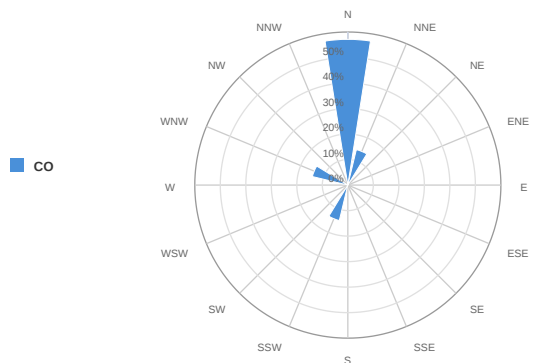
NO₂ (μg/m³)



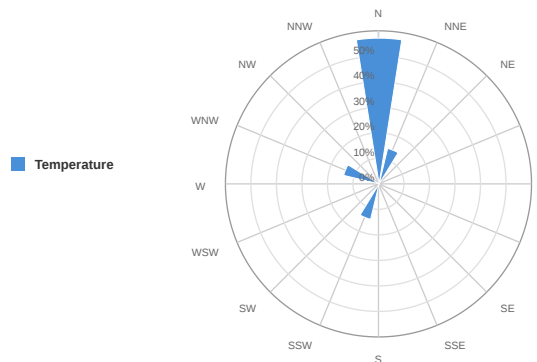
O₃ (μg/m³)



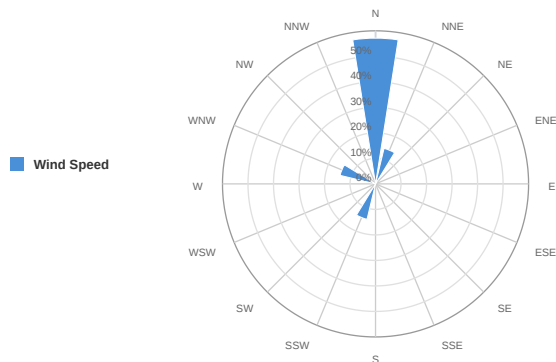
CO (ppb)



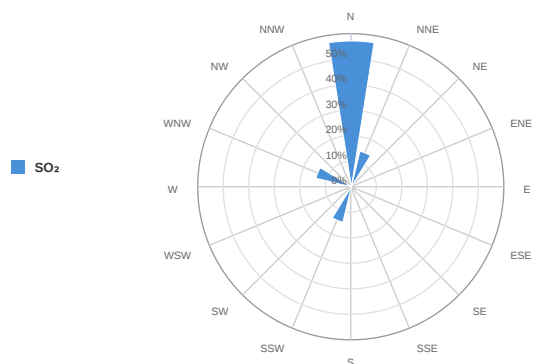
Temperature (°C)



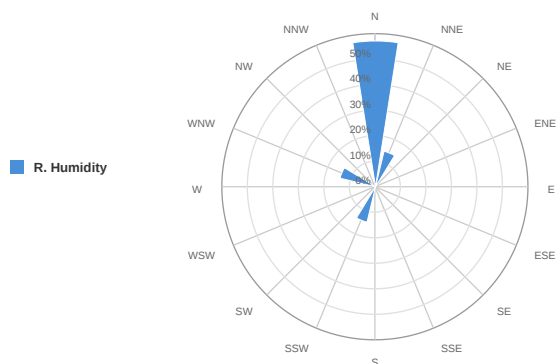
Wind Speed (m/s)



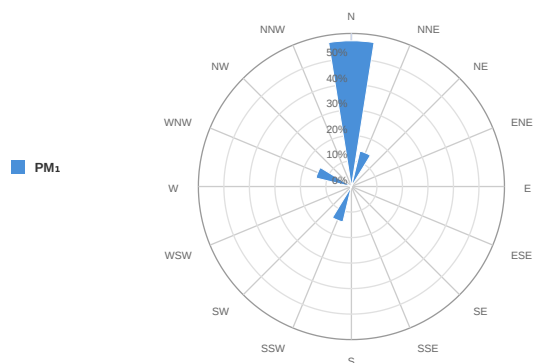
SO₂ (ppb)



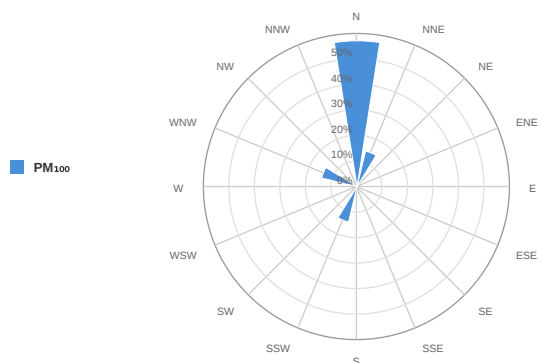
R. Humidity (%)



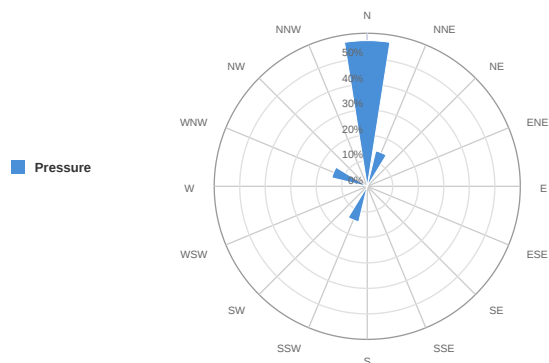
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 30/05/2026, 23:59 **Consistent Low CAQI Values Observed:** The CAQI remained consistently in the 'Low' zone (27-36) throughout the observation period, suggesting generally good air quality. This is supported by corresponding 'Low' AQI Categories.
- 30/05/2026, 23:59 **NO₂ Levels Mostly Within Very Low to Low Range:** NO₂ levels fluctuated, primarily within the 'Very Low' to 'Low' zones based on the provided thresholds. One observation exceeded the 'Low' zone on 2026-05-26T20:59:59.000Z
- 30/05/2026, 23:59 **O₃ Levels Vary Between Low and Medium:** O₃ levels shifted between 'Low' (50.14 µg/m³) and 'Medium' (81.63 µg/m³) zones. The fluctuation suggests variance in photochemical activity influencing ozone concentration.
- 30/05/2026, 23:59 **PM_{2.5} Consistently in 'Very Low' Range:** PM_{2.5} concentrations were consistently within the 'Very Low' range (4.68-9.66 µg/m³) across all recorded instances. The reading suggests minimal fine particulate matter pollution.
- 30/05/2026, 23:59 **PM₁₀ Levels in Low Category:** PM₁₀ concentrations fall within the 'Low' zone (17.16-35.89 µg/m³). These values indicate a generally acceptable level of inhalable coarse particulate matter.
- 30/05/2026, 23:59 **Wind Speed Variation and Direction Shifts:** Wind speeds varied, impacting pollutant dispersion. The wind direction shifted considerably, from 2.49 to 291.22 degrees, which could influence pollutant source attribution.
- 30/05/2026, 23:59 **Temperature Impact on Ozone Levels:** Slight temperature fluctuations between 21.11°C and 26.7°C. The highest ozone reading (81.63 µg/m³) occurred on 2026-05-28T20:59:59.000Z, where temperature was 23.44 °C.
- 30/05/2026, 23:59 **Pressure Fluctuations and Air Quality:** The pressure ranged from 1004.53 HPa to 1013.26 HPa. However, No clear direct correlation between pressure and air quality index or pollutant levels is immediately apparent.
- 30/05/2026, 23:59 **CO Levels Relatively Stable:** CO levels ranged from 279.02 ppb to 347.13 ppb. While CO is present, it doesn't seem to be driving the CAQI, as it remained consistent.
- 30/05/2026, 23:59 **R. Humidity Not Clearly Correlated:** Relative Humidity fluctuated between 36.42% to 50.26%. There is no obvious correlation with the CAQI based on this dataset

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
24/05/2026, 23:59	17	17.16	4.68	6.75	36.32
25/05/2026, 23:59	27	26.53	7.97	17.15	25.76
26/05/2026, 23:59	31	29.73	8.69	18.82	23.71
27/05/2026, 23:59	36	35.89	9.66	23.57	14.7
28/05/2026, 23:59	26	25.52	5.7	4.65	41.58
29/05/2026, 23:59	23	22.6	4.74	10.61	31.47
30/05/2026, 23:59	30	29.59	6.48	15.07	25.54

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
24/05/2026, 23:59	303.74	23.78	3.43	2.49	100	0	46.86	3.45	30.59	1011.32
25/05/2026, 23:59	343.06	24.49	2.56	4.57	100	0	50.26	6.35	41.24	1013.26
26/05/2026, 23:59	328.34	25.96	4.66	0.79	100	0	49.84	6.88	44.86	1011.71
27/05/2026, 23:59	347.13	26.7	1.71	202.4	100	0	50.24	6.87	53.54	1005.54
28/05/2026, 23:59	279.02	23.44	3.78	24	100	0	40.63	3.82	42.75	1004.53
29/05/2026, 23:59	308.6	21.12	3.83	3.81	100	0	36.42	3.29	40.16	1009.88
30/05/2026, 23:59	321.24	21.11	2.3	291.22	100	0	47.62	4.65	49.32	1004.79

Oizom will not be responsible for Environmental Data accuracy once Validated