

Primaria Sacalaz

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Sacalaz**
Locația dispozitivului: **Strada Principală 368, Săcălăz 307370, Romania**

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

Primaria Sacalaz
Strada Principală 368, Săcălăz
307370, Romania



Media indicelui de calitate al aerului (ICA): **33**

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

	CAQI AQI	PM ₁₀ μg/m ³	PM _{2.5} μg/m ³	NO ₂ μg/m ³	O ₃ μg/m ³
Average	33	16.38	7.06	25.42	76.27
Maximum	35	22.25	10.72	29.35	83.05
Date	22/05/2026	20/05/2026	20/05/2026	19/05/2026	22/05/2026
Minimum	29	11.6	4.76	18.28	68.43
Date	17/05/2026	18/05/2026	18/05/2026	23/05/2026	17/05/2026

The data shown above is based on Media zilnică .

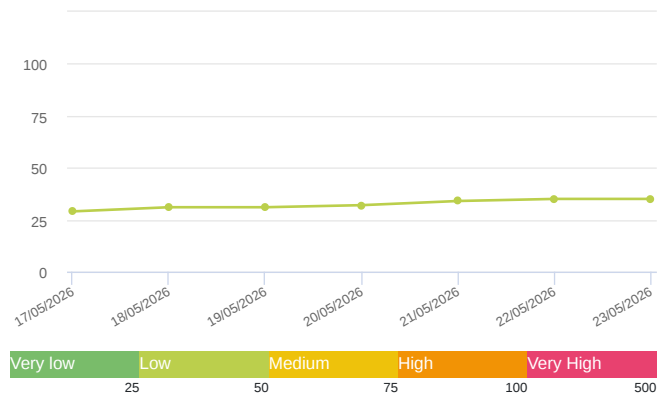
Prezentare generală zilnică: Alți parametri

	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	291.1	19.15	3.95	353.32	100	2.5	64.42	5.8	19.83	1007.72
Maximum	302.47	23.09	7.43	9.62	100	2.54	86.83	9.38	25.86	1013.2
Date	19/05/2026	23/05/2026	22/05/2026	22/05/2026	17/05/2026	21/05/2026	17/05/2026	20/05/2026	20/05/2026	23/05/2026
Minimum	281.87	15.24	1.5	348.53	100	2.47	52.75	3.75	13.46	996.35
Date	20/05/2026	17/05/2026	19/05/2026	19/05/2026	17/05/2026	20/05/2026	23/05/2026	18/05/2026	17/05/2026	17/05/2026

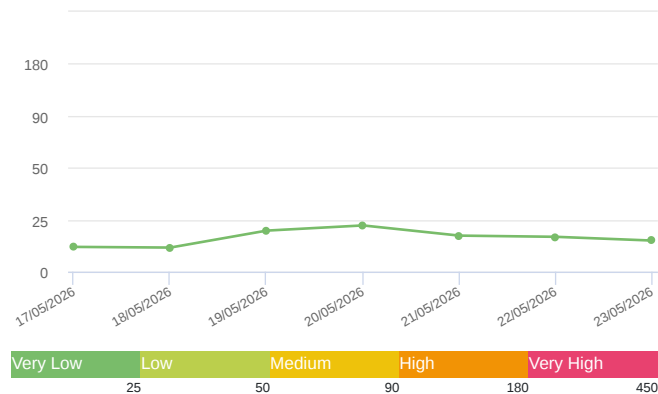
The data shown above is based on Media zilnică .

Media zilnică

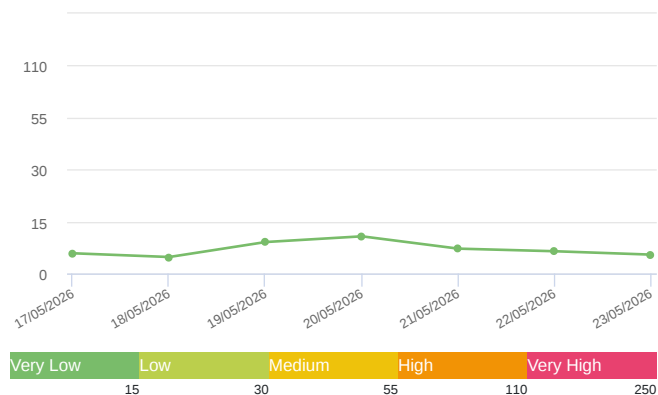
CAQI (AQI)



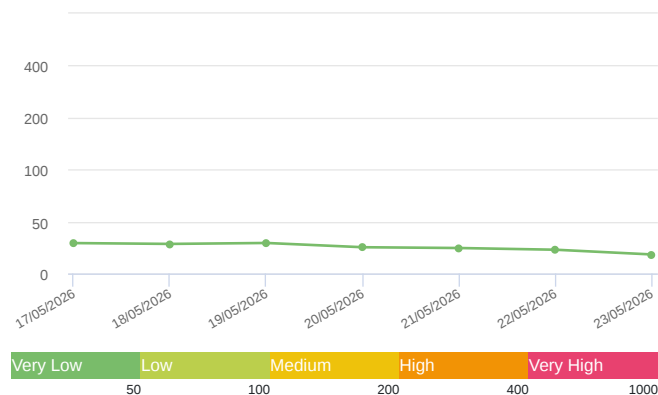
PM₁₀ (μg/m³)



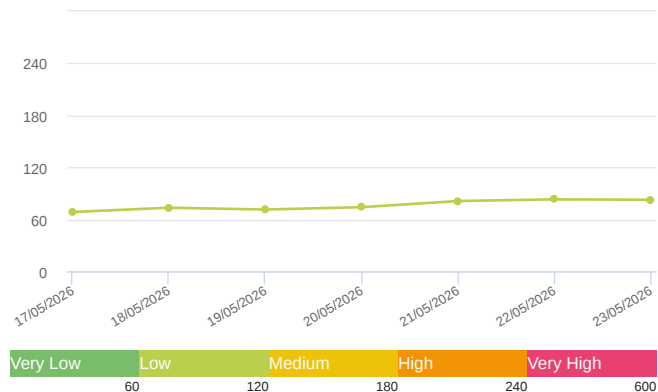
PM_{2.5} (μg/m³)



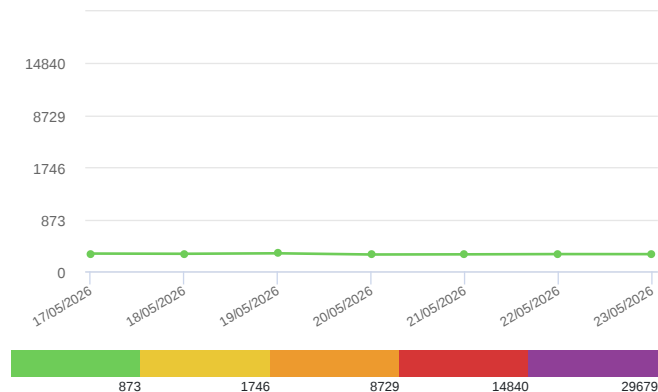
NO₂ (μg/m³)



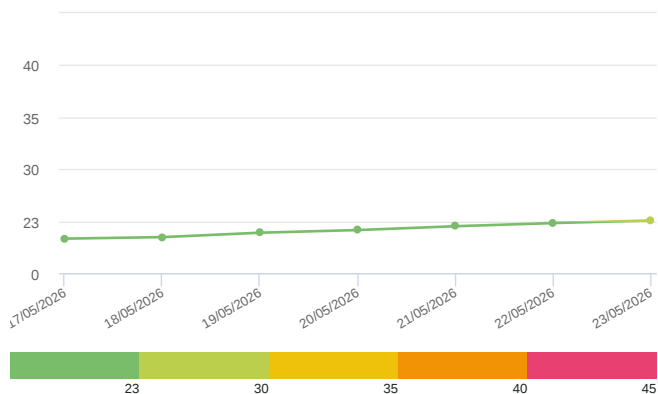
O₃ (μg/m³)



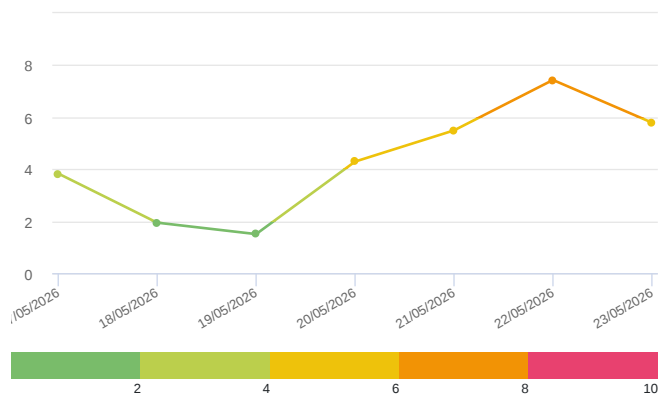
CO (ppb)



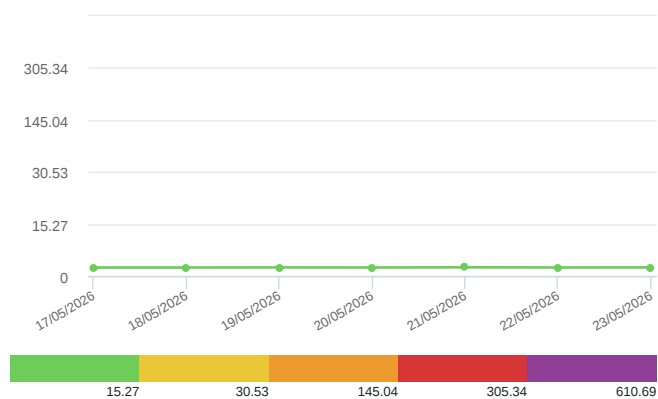
Temperature (°C)



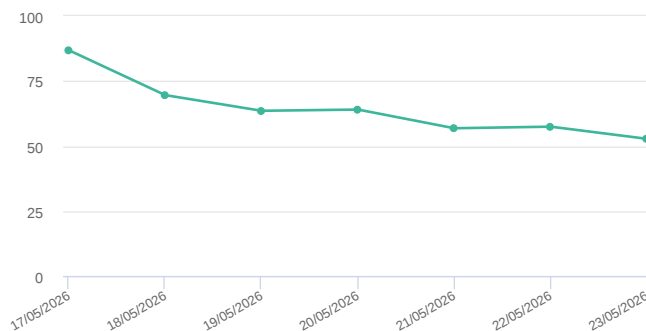
Wind Speed (m/s)



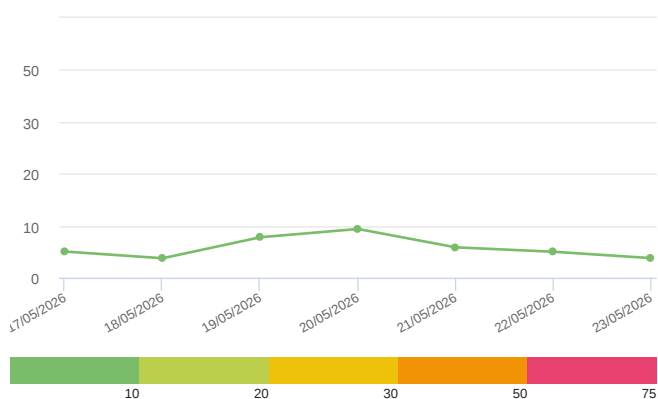
SO₂ (ppb)



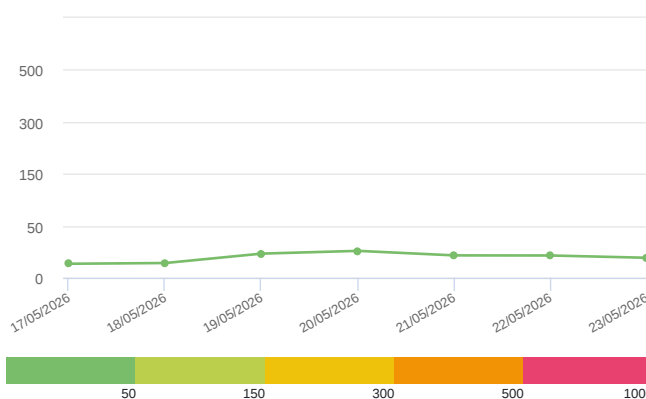
R. Humidity (%)



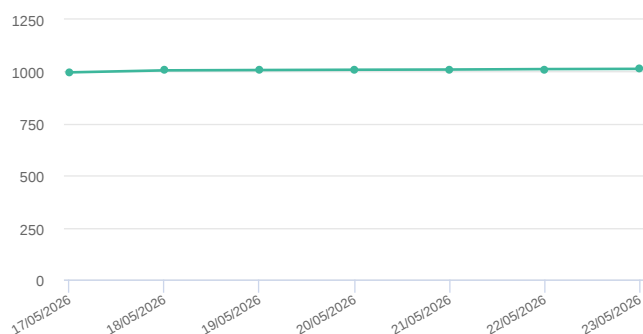
PM₁ (μg/m³)



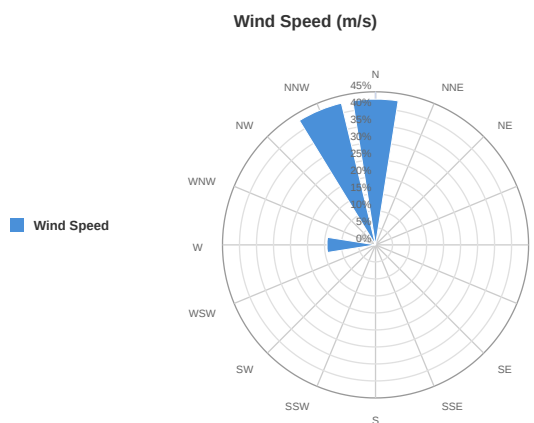
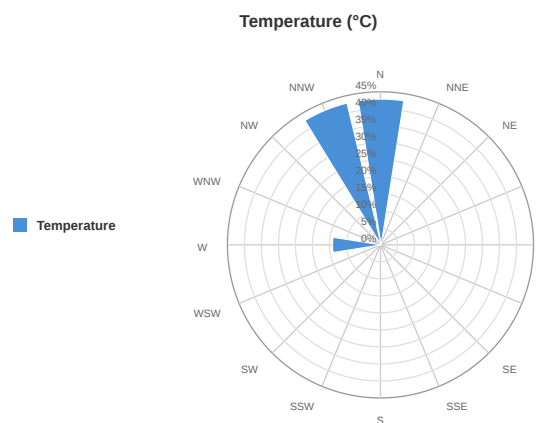
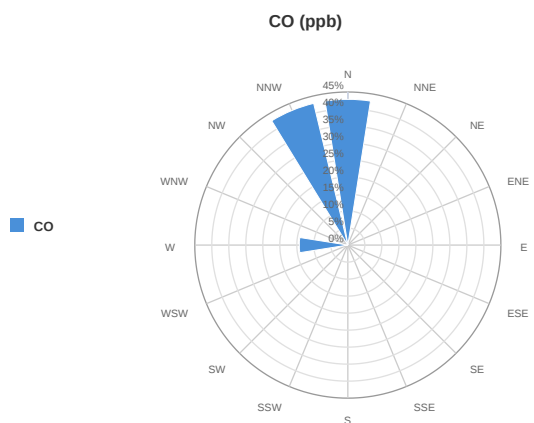
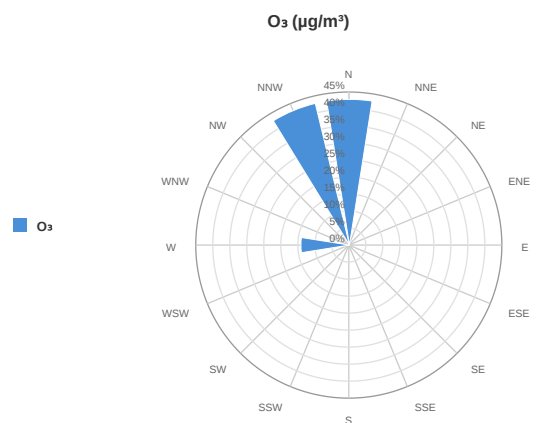
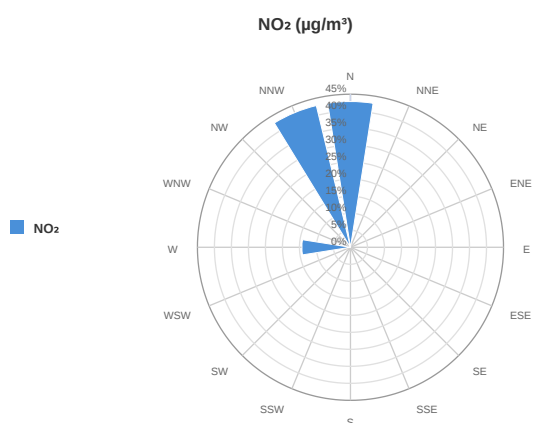
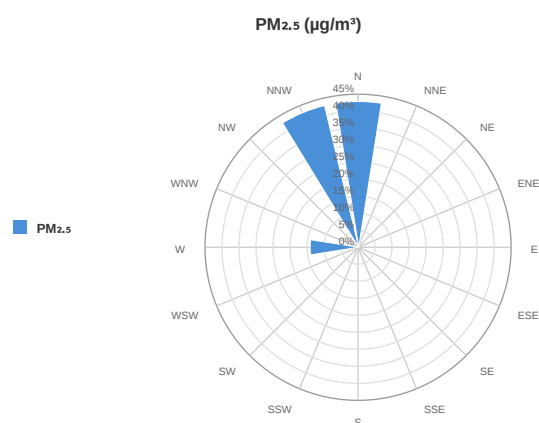
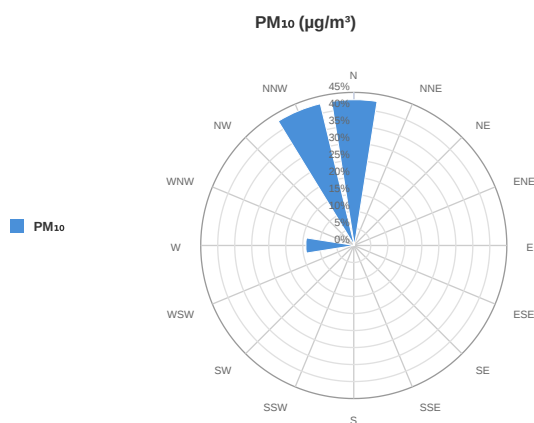
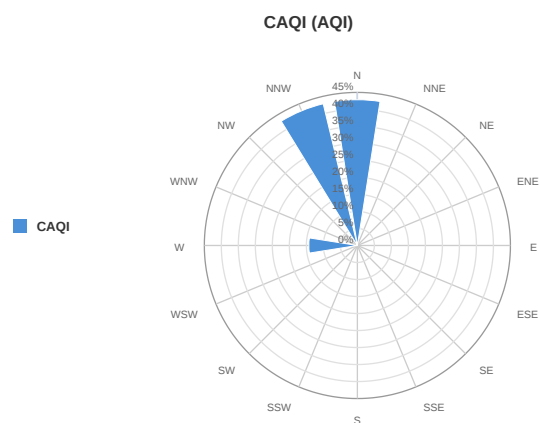
PM₁₀₀ (μg/m³)



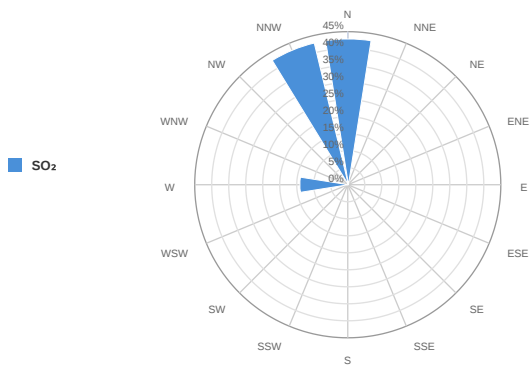
Pressure (hPa)



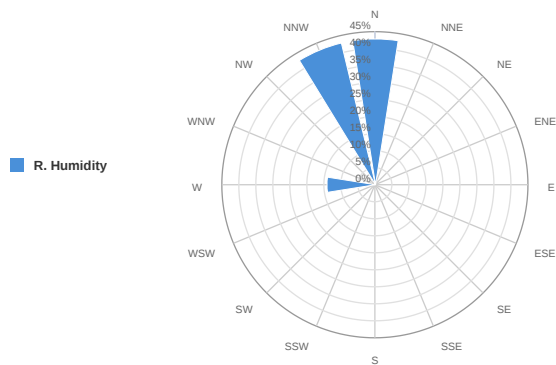
Media zilnică



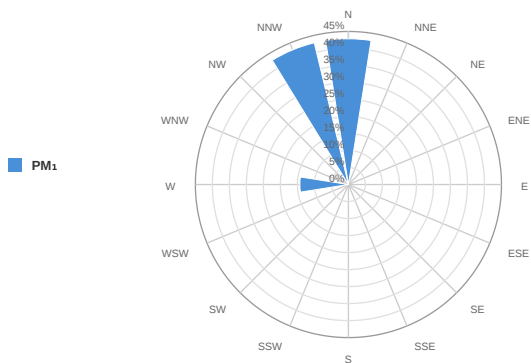
SO₂ (ppb)



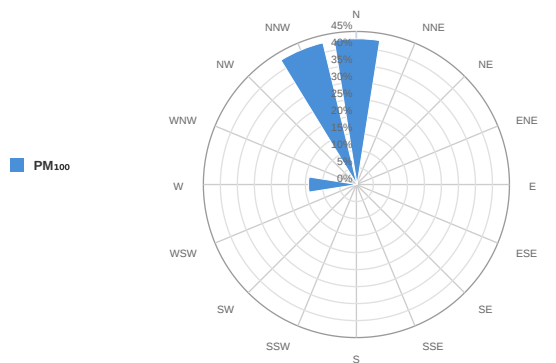
R. Humidity (%)



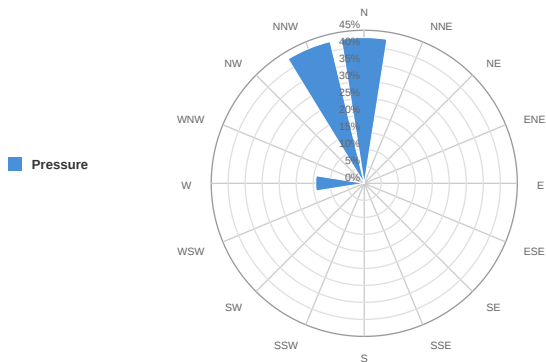
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



Pressure (HPa)



Alerte

No alerts for the selected date and time range

Insights

- 23/05/2026, 23:59 **Consistent Medium Air Quality Observed:** The CAQI consistently falls within the 'Medium' range (57-68) throughout the observed period, indicating a moderate level of air pollution.
- 23/05/2026, 23:59 **Ozone Levels Consistently High:** Ozone (O₃) levels are consistently 'Very High', ranging from 134.34 µg/m³ to 163.04 µg/m³, exceeding the 'High' threshold (91.69 µg/m³).
- 23/05/2026, 23:59 **PM_{2.5} Levels Within Very Low to Low Range:** PM_{2.5} concentrations are generally low, ranging from 4.76 µg/m³ to 10.72 µg/m³, which falls within the 'Very Low' and 'Low' categories.
- 23/05/2026, 23:59 **PM₁₀ Levels Predominantly Low:** PM₁₀ concentrations vary from 11.6 µg/m³ to 22.25 µg/m³, primarily within the 'Very Low' and 'Low' range, indicating relatively clean air with respect to coarse particulate matter.
- 23/05/2026, 23:59 **Nitrogen Dioxide Levels Hover Near Medium Threshold:** NO₂ levels range from 34.4 µg/m³ to 55.23 µg/m³, fluctuating between 'Low' and 'Medium' zones, indicating a potential concern if levels increase.
- 23/05/2026, 23:59 **Wind Speed and Direction Variability:** Wind speeds vary from 1.5 m/s to 7.43 m/s, with wind direction shifting significantly, potentially affecting the dispersion of pollutants.
- 23/05/2026, 23:59 **Temperature Increase Correlates with Ozone Peak:** A general upward trend in temperature (15.24°C to 23.09°C) coincides with consistently high ozone levels, potentially due to increased photochemical reactions.
- 23/05/2026, 23:59 **Stable Battery Performance Indicates Reliable Data:** The battery percentage remains at 100% throughout the period, suggesting that the monitoring equipment is operating reliably and providing consistent data.
- 23/05/2026, 23:59 **Slight Pressure Increase Observed:** Atmospheric pressure shows a slight increase from 996.35 hPa to 1013.2 hPa. The effect this variation has on pollution levels should be examined.
- 23/05/2026, 23:59 **CO levels relatively Stable:** CO levels remain relatively stable, fluctuating between 281.87 ppb and 302.47 ppb. These levels may contribute to the overall CAQI.

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	29	11.92	5.84	29.24	68.43
18/05/2026, 23:59	31	11.6	4.76	28.45	73.41
19/05/2026, 23:59	31	19.75	9.08	29.35	71.29
20/05/2026, 23:59	32	22.25	10.72	25.25	74.01
21/05/2026, 23:59	34	17.35	7.17	24.49	81.14
22/05/2026, 23:59	35	16.77	6.42	22.87	83.05
23/05/2026, 23:59	35	14.98	5.45	18.28	82.56

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	297.84	15.24	3.83	331.03	100	2.48	86.83	5.04	13.46	996.35
18/05/2026, 23:59	293.89	15.92	1.94	271.05	100	2.48	69.57	3.75	14.14	1005.98
19/05/2026, 23:59	302.47	17.88	1.5	348.53	100	2.51	63.54	7.79	23.18	1007.54
20/05/2026, 23:59	281.87	19.04	4.29	344.38	100	2.47	64.01	9.38	25.86	1008.95
21/05/2026, 23:59	284.29	20.74	5.49	356.69	100	2.54	56.82	5.85	21.52	1009.96
22/05/2026, 23:59	289.32	22.12	7.43	9.62	100	2.49	57.43	5	21.41	1012.05
23/05/2026, 23:59	288	23.09	5.79	10.94	100	2.51	52.75	3.78	19.22	1013.2

Oizom will not be responsible for Environmental Data accuracy once Validated