

Primaria Sacalaz

WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Sacalaz**
 Locația dispozitivului: **Strada Principală 368, Săcălaz 307370, 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): **244**

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	244	37.26	64.12	2.49	35.26	71.72
Maximum	362	47.06	71.77	2.51	54.61	130.66
Date	18/01/2026	23/01/2026	18/01/2026	23/01/2026	18/01/2026	18/01/2026
Minimum	81	27.45	56.62	2.48	16.2	28.5
Date	24/01/2026	24/01/2026	23/01/2026	18/01/2026	24/01/2026	24/01/2026

Prezentare generală zilnică: Alți parametri

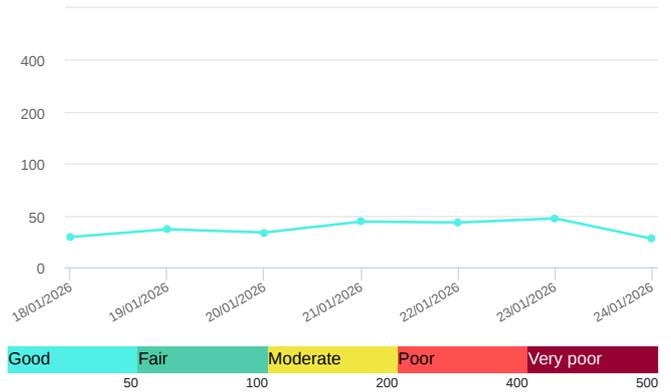
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM ₁ µg/m ³	PM ₁₀₀ µg/m ³	Pressure HPa	Temperature °C
Average	1.77	107.23	100	520.67	80.24	29.86	91.24	1011.94	-0.22
Maximum	3.59	145.9	100	612.81	85.53	38.82	206.61	1029.06	5.29
Date	24/01/2026	24/01/2026	18/01/2026	22/01/2026	18/01/2026	18/01/2026	18/01/2026	19/01/2026	24/01/2026
Minimum	1.42	69.66	100	395.05	75.81	14.64	30.12	996.85	-4.02
Date	22/01/2026	22/01/2026	18/01/2026	24/01/2026	22/01/2026	24/01/2026	24/01/2026	23/01/2026	19/01/2026

Media zilnică

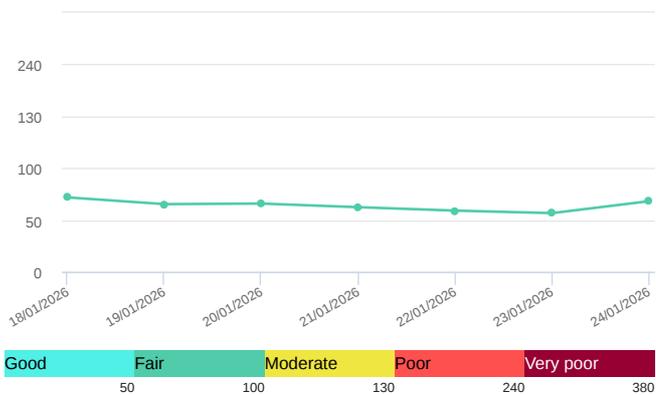
EAQI (AQI)



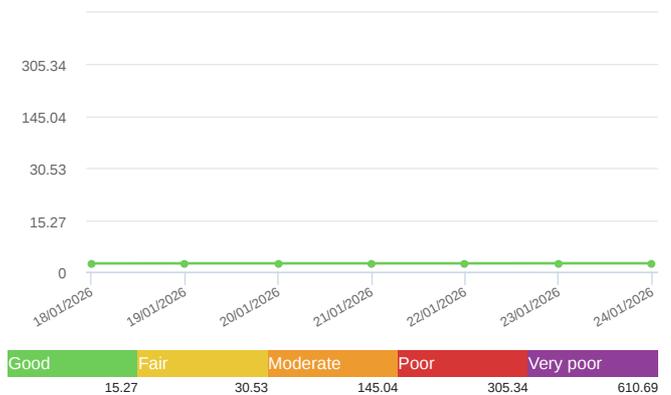
NO₂ (µg/m³)



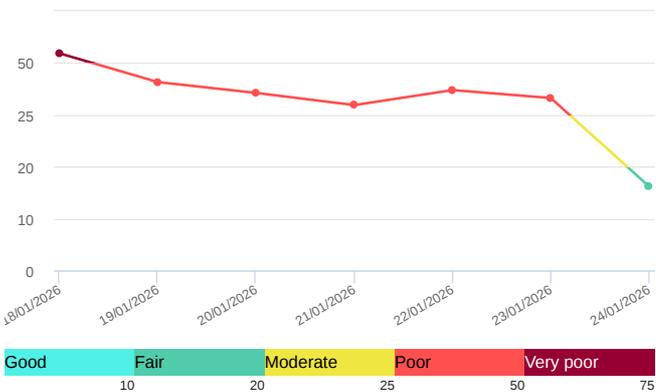
O₃ (µg/m³)



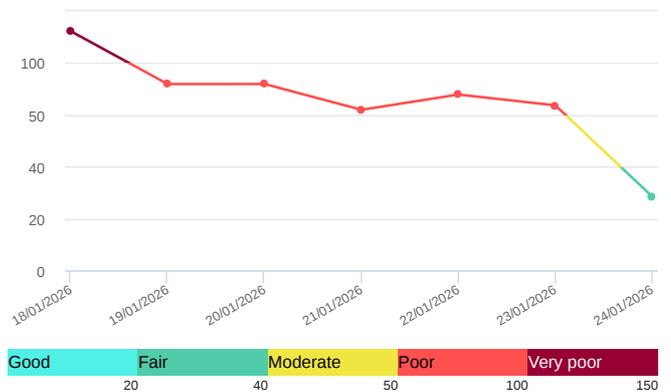
SO₂ (ppb)



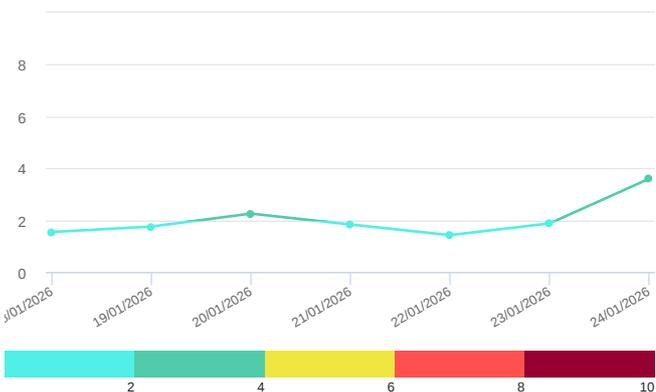
PM_{2.5} (µg/m³)



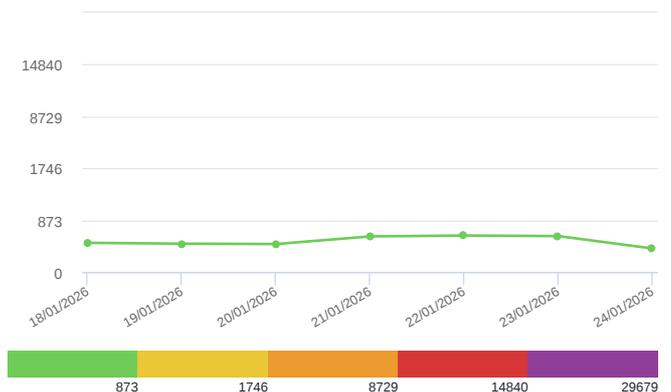
PM₁₀ (µg/m³)



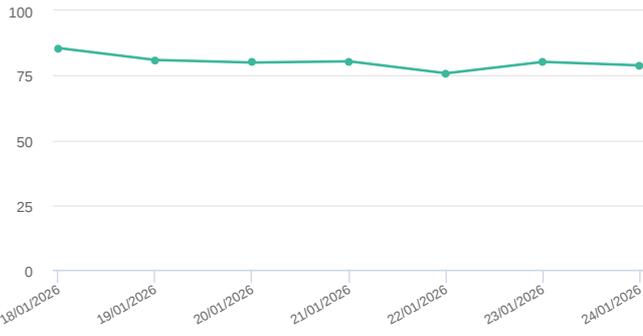
Wind Speed (m/s)



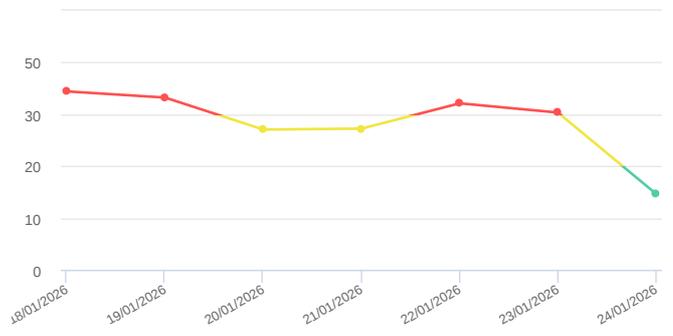
CO (ppb)



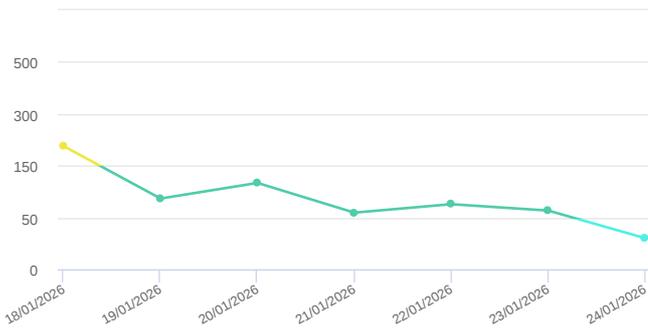
R. Humidity (%)



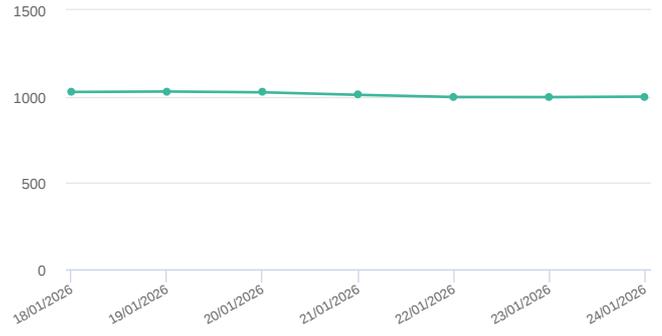
PM₁ (µg/m³)



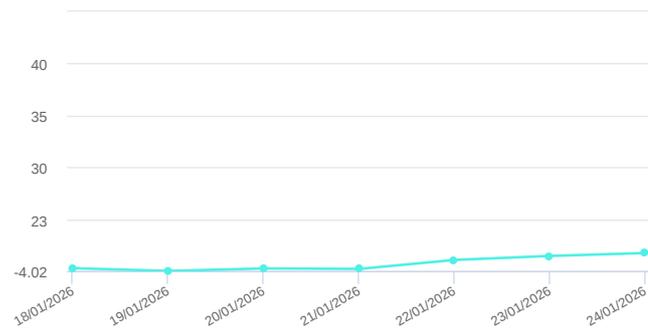
PM₁₀₀ (µg/m³)



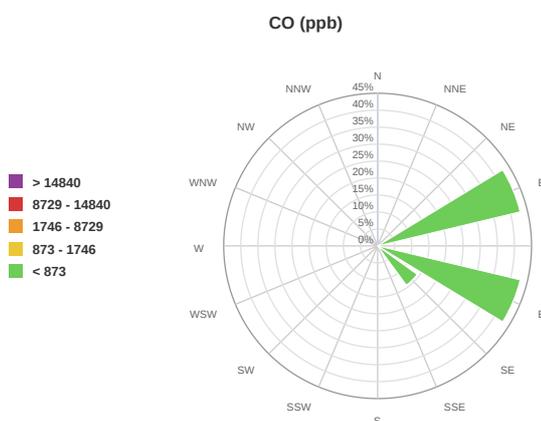
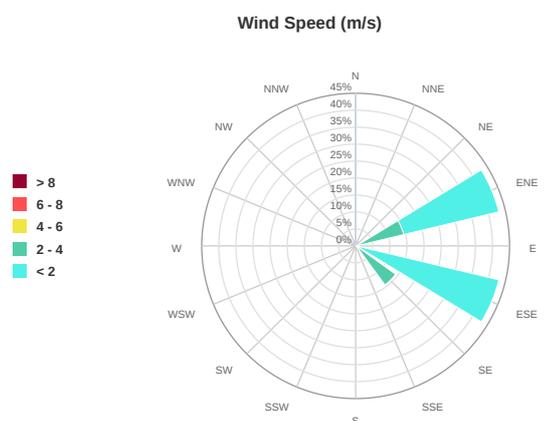
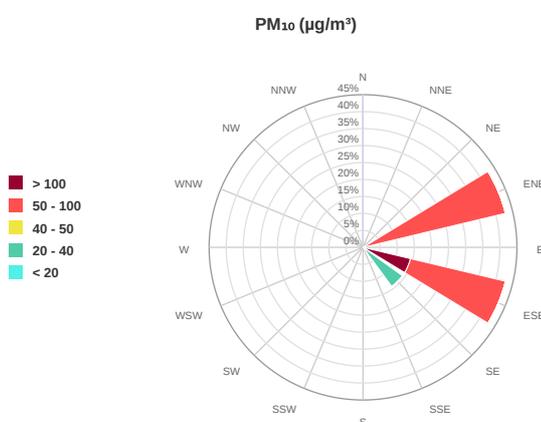
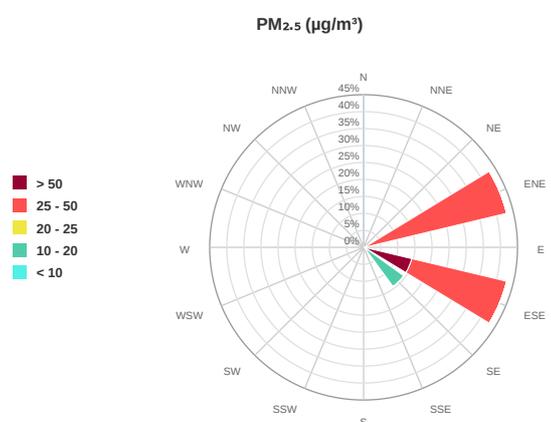
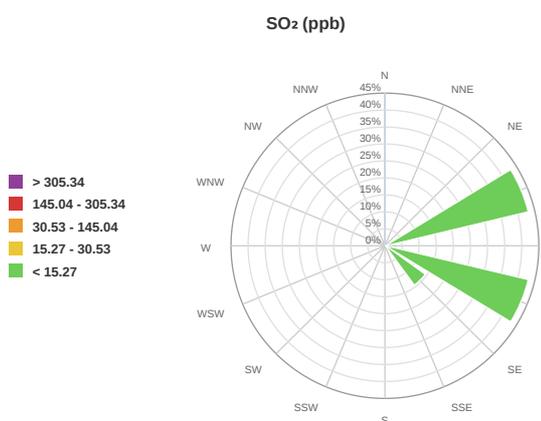
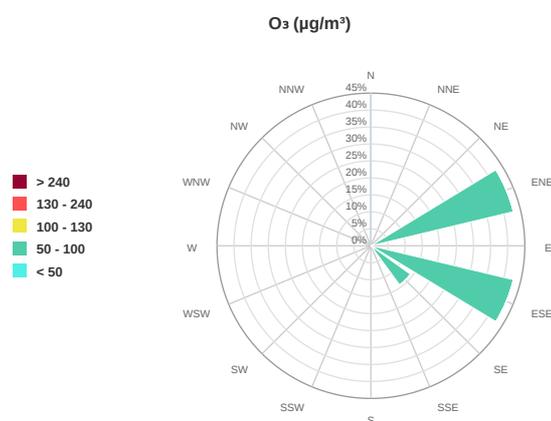
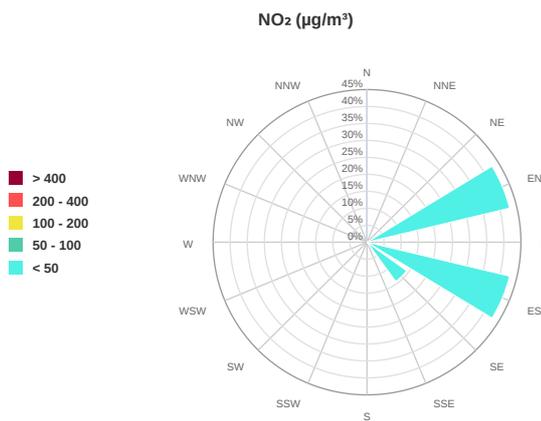
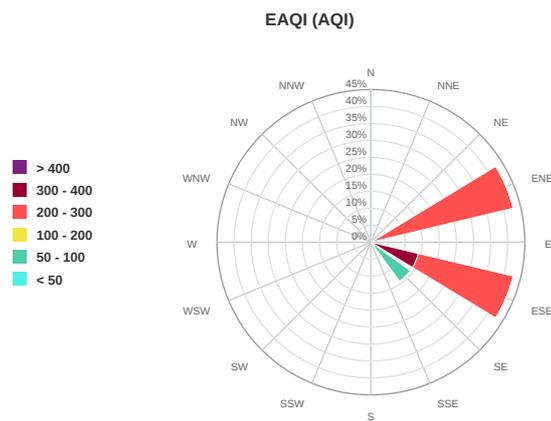
Pressure (hPa)



Temperature (°C)

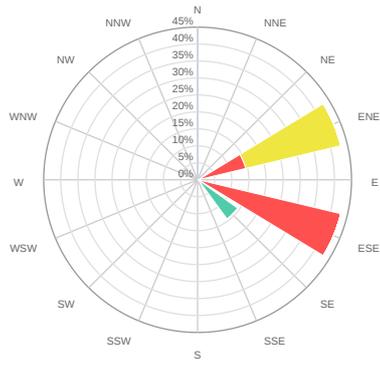


Media zilnică



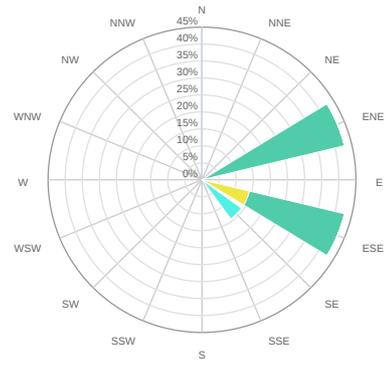
PM₁ (µg/m³)

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



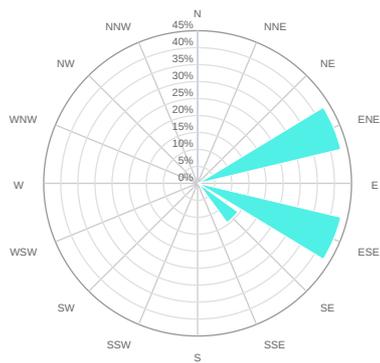
PM₁₀₀ (µg/m³)

- > 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 **Elevated EAQI Levels Indicate Consistently Poor Air Quality:** EAQI consistently fell within the 'Poor' and 'Very Poor' range, peaking at 362. This suggests a persistent air pollution problem during the observed period.
- 24/01/2026, 23:59 **PM_{2.5} Levels Frequently Exceed Safe Thresholds:** PM_{2.5} concentrations reached 54.61 µg/m³, falling into the 'Very Poor' category. Only one day registered PM_{2.5} levels in the 'Fair' category.
- 24/01/2026, 23:59 **PM₁₀ Levels Indicate Significant Particulate Pollution:** PM₁₀ reached a maximum of 130.66 µg/m³, classifying it as 'Very Poor'. High levels across most days highlight considerable coarse particle pollution.
- 24/01/2026, 23:59 **NO₂ Levels Fluctuate but Generally Stay in Moderate Ranges:** NO₂ levels ranged from 51.66 to 88.56 µg/m³, fluctuating between 'Moderate' and 'Poor' zones. This indicates variable but concerning levels of this pollutant.
- 24/01/2026, 23:59 **O₃ Levels Indicate concerning Ozone Pollution:** O₃ concentrations varied between 111.16 and 140.9 µg/m³, putting them in the 'Very poor' category, suggesting potential health risks.
- 24/01/2026, 23:59 **Wind Speed Variations Impact Air Quality:** The highest wind speed of 3.59 m/s coincided with the lowest EAQI observed during the week (204). Higher wind speeds may have aided pollutant dispersal.
- 24/01/2026, 23:59 **Temperature Inversion May Exacerbate Pollution:** Low temperatures (ranging from -4.02 to 5.29 °C) combined with stable atmospheric conditions, possibly from temperature inversions, could worsen air quality.
- 24/01/2026, 23:59 **SO₂ Levels Consistently Low:** SO₂ levels remained consistently low, ranging from 2.48 to 2.51 ppb. All SO₂ values fell within the 'Good' zone, indicating minimal contribution to overall pollution.
- 24/01/2026, 23:59 **High Humidity May Influence Pollutant Behavior:** Relative humidity consistently remained above 75%, potentially influencing the behavior and persistence of particulate matter and other pollutants.
- 24/01/2026, 23:59 **CO Levels Indicate Incomplete Combustion Sources:** CO concentrations ranging from 395.05 to 612.81 ppb suggest the presence of incomplete combustion sources that contribute to air pollution levels.

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	362	29.13	71.77	2.48	54.61	130.66
19/01/2026, 23:59	263	36.58	65.24	2.49	40.77	79.65
20/01/2026, 23:59	260	33.52	65.8	2.49	35.56	79.7
21/01/2026, 23:59	220	43.99	62.32	2.49	29.69	54.83
22/01/2026, 23:59	248	43.08	58.99	2.49	36.92	69.56
23/01/2026, 23:59	233	47.06	56.62	2.51	33.09	59.13
24/01/2026, 23:59	81	27.45	68.12	2.5	16.2	28.5

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	1.54	116.71	100	489.92	85.53	38.82	206.61	1026.49	-2.58
19/01/2026, 23:59	1.75	113.09	100	476.02	80.94	36.43	86.63	1029.06	-4.02
20/01/2026, 23:59	2.25	74.07	100	469.73	79.95	27.05	116.7	1024.51	-2.72
21/01/2026, 23:59	1.83	74.39	100	598.08	80.41	27.23	59.44	1009.84	-2.97
22/01/2026, 23:59	1.42	69.66	100	612.81	75.81	34.21	75.75	997.29	1.7
23/01/2026, 23:59	1.87	120.12	100	603.06	80.21	30.66	63.44	996.85	3.78
24/01/2026, 23:59	3.59	145.9	100	395.05	78.85	14.64	30.12	999.53	5.29

Oizom will not be responsible for Environmental Data accuracy once Validated