

# Primaria Buzias ( Sala Sport )

## WEEKLY AIR-QUALITY REPORT

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

Numele dispozitivului: **Primaria Buzias ( Sala Sport )**  
 Locația dispozitivului: **Strada Principală 10, Buziaș 305100, 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): **220**

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>
<b>Average</b>	220	39.69	14.47	2.59	29.69	54.94
<b>Maximum</b>	352	44.45	44.12	4.54	62.87	114.27
<b>Date</b>	14/01/2026	14/01/2026	12/01/2026	16/01/2026	14/01/2026	14/01/2026
<b>Minimum</b>	76	34.35	0	1.42	15.08	27.62
<b>Date</b>	17/01/2026	17/01/2026	16/01/2026	13/01/2026	17/01/2026	17/01/2026

Prezentare generală zilnică: Alți parametri

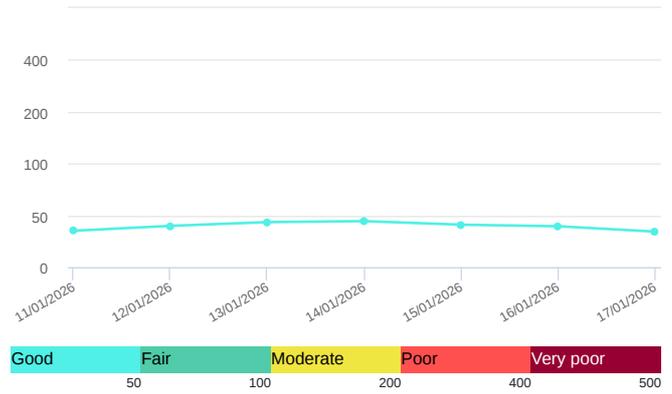
	Wind Speed m/s	Wind Direction degree	Battery %	CO ppb	R. Humidity %	PM <sub>1</sub> μg/m <sup>3</sup>	PM <sub>100</sub> μg/m <sup>3</sup>	Pressure HPa	Temperature °C
<b>Average</b>	1.5	183.23	100	401.87	79.15	26.65	59.76	1009.11	0.04
<b>Maximum</b>	2.97	183.85	100	531.4	86.6	54.8	120.88	1016.54	5.03
<b>Date</b>	12/01/2026	12/01/2026	11/01/2026	14/01/2026	16/01/2026	14/01/2026	14/01/2026	17/01/2026	15/01/2026
<b>Minimum</b>	0.38	184.96	100	322.31	71.94	13.58	30.58	1001.55	-6.11
<b>Date</b>	17/01/2026	17/01/2026	11/01/2026	11/01/2026	12/01/2026	17/01/2026	17/01/2026	11/01/2026	12/01/2026

Media zilnică

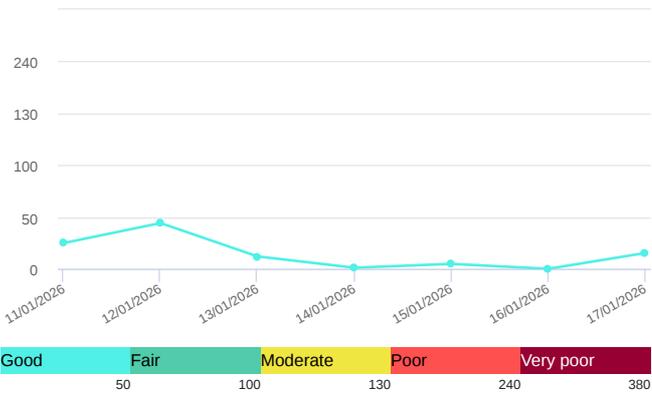
EAQI (AQI)



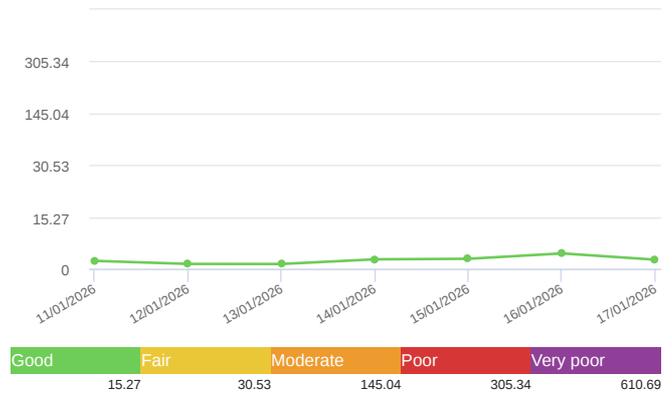
NO<sub>2</sub> (µg/m<sup>3</sup>)



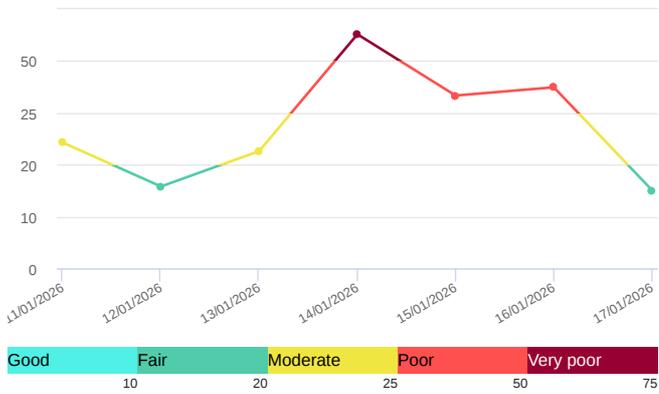
O<sub>3</sub> (µg/m<sup>3</sup>)



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



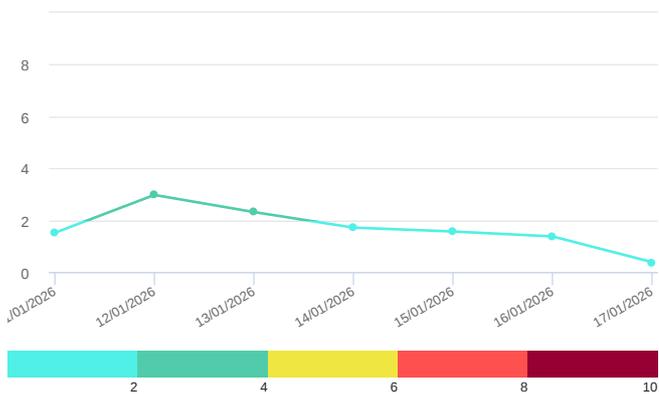
PM<sub>2.5</sub> (µg/m<sup>3</sup>)



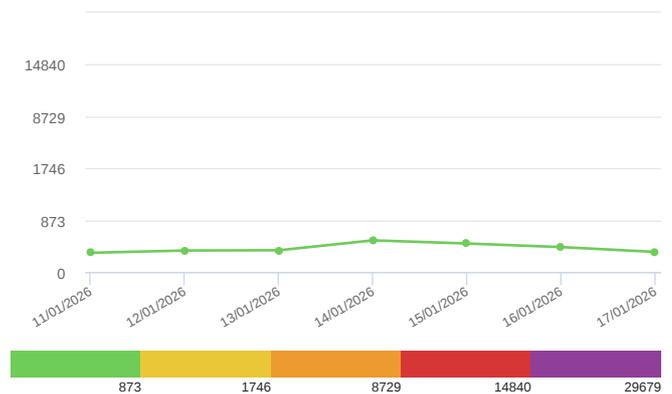
PM<sub>10</sub> (µg/m<sup>3</sup>)



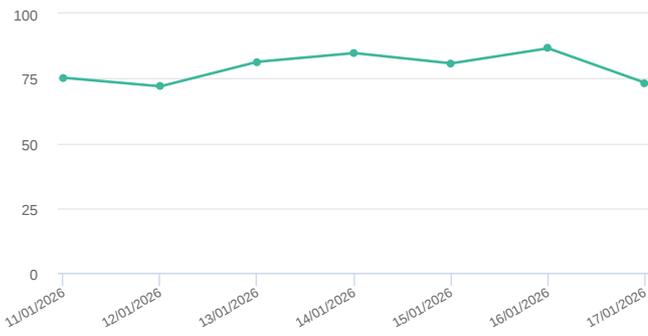
Wind Speed (m/s)



CO (ppb)



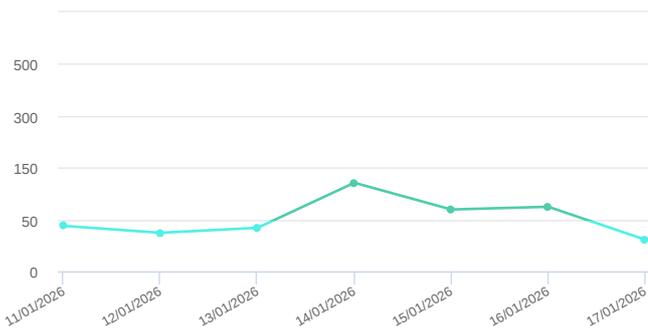
R. Humidity (%)



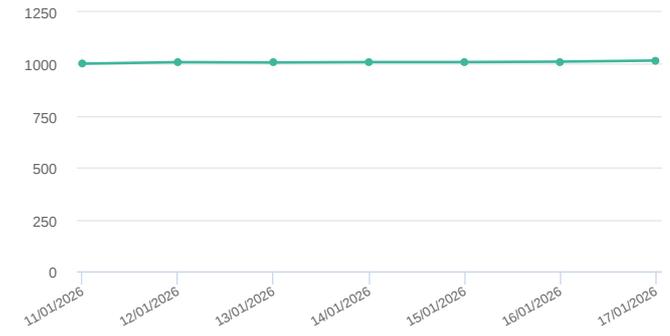
PM<sub>1</sub> (µg/m<sup>3</sup>)



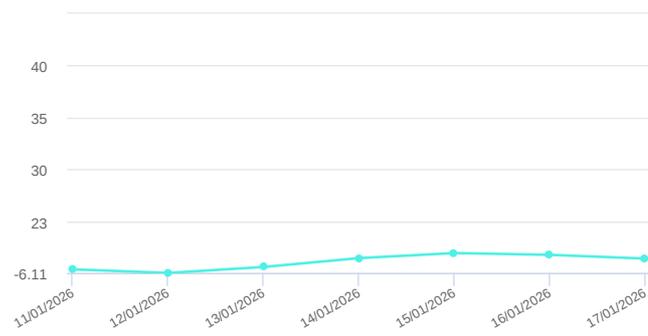
PM<sub>100</sub> (µg/m<sup>3</sup>)



Pressure (hPa)



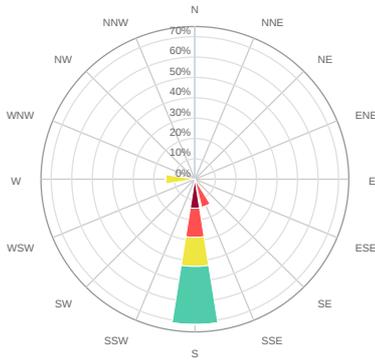
Temperature (°C)



Media zilnică

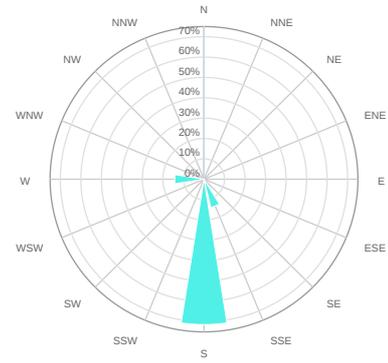
EAQI (AQI)

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



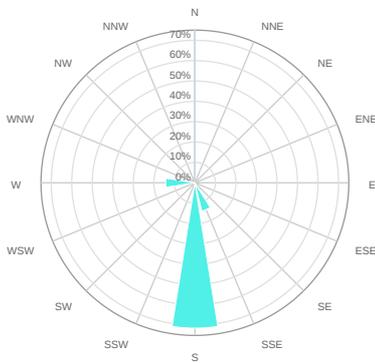
NO<sub>2</sub> (µg/m<sup>3</sup>)

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



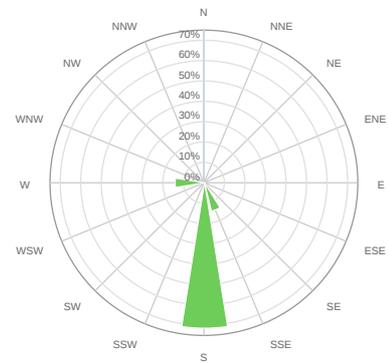
O<sub>3</sub> (µg/m<sup>3</sup>)

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



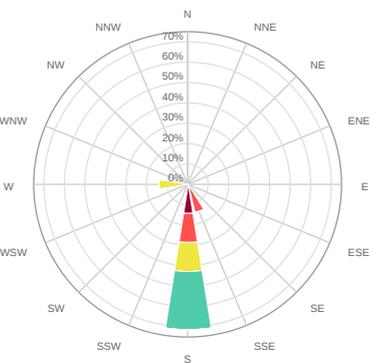
SO<sub>2</sub> (ppb)

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



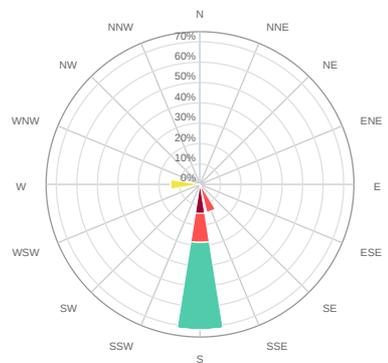
PM<sub>2.5</sub> (µg/m<sup>3</sup>)

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



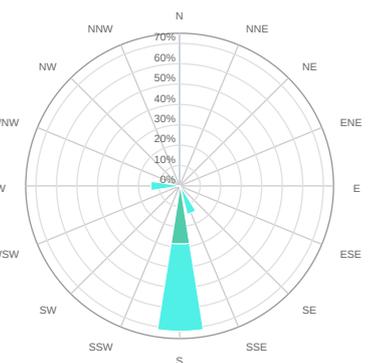
PM<sub>10</sub> (µg/m<sup>3</sup>)

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



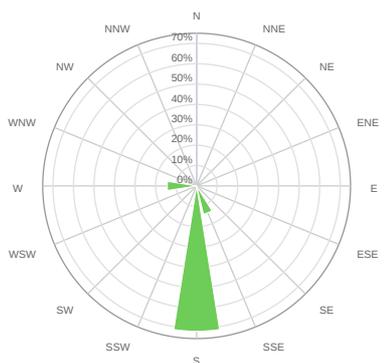
Wind Speed (m/s)

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



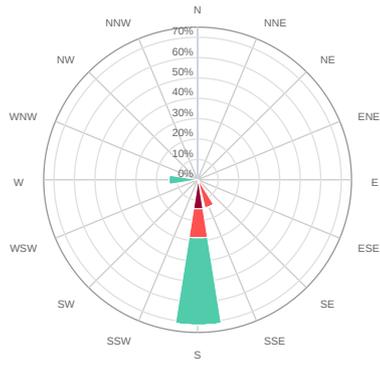
CO (ppb)

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



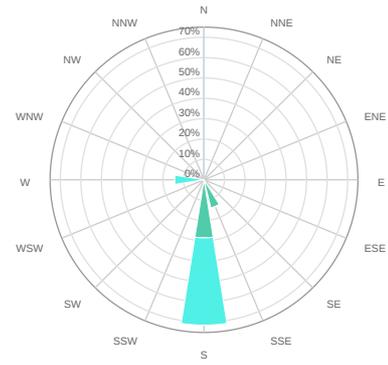
**PM<sub>1</sub> (µg/m<sup>3</sup>)**

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



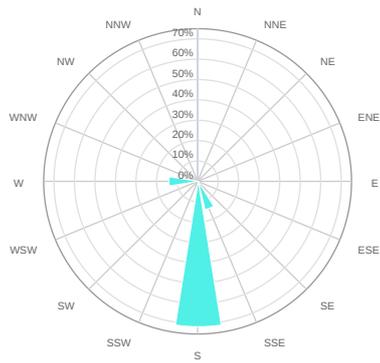
**PM<sub>100</sub> (µg/m<sup>3</sup>)**

- > 500
- 300 - 500
- 150 - 300
- 50 - 150
- < 50



**Temperature (°C)**

- > 40
- 35 - 40
- 30 - 35
- 23 - 30
- < 23



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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 **Fluctuating EAQI Values Indicate Variable Air Quality**: The EAQI varies from 'Fair' (76 to 87) to 'Very poor' (352), showcasing inconsistent air quality conditions over the period. High EAQI is mainly influenced by PM2.5 and PM10.
- 17/01/2026, 23:59 **High NO<sub>2</sub> Levels Frequently in 'Poor' Category**: NO<sub>2</sub> levels frequently exceeded the 'Moderate' threshold (63.77 µg/m<sup>3</sup>), often reaching the 'Poor' category (63.77 - 122.22 µg/m<sup>3</sup>), suggesting potential sources of pollution are present.
- 17/01/2026, 23:59 **O<sub>3</sub> Concentration Dips into 'Good' to 'Fair'**: O<sub>3</sub> levels fluctuates but remains in the 'Good' (0 - 25.46 µg/m<sup>3</sup>) to 'Fair' (25.47 - 50.93 µg/m<sup>3</sup>) categories except for 2026-01-12, indicating relatively lower ozone pollution.
- 17/01/2026, 23:59 **SO<sub>2</sub> Levels Consistently 'Good'**: SO<sub>2</sub> levels remain consistently in the 'Good' zone (0 - 38.16 ppb), suggesting sulfur dioxide pollution is not a significant concern.
- 17/01/2026, 23:59 **PM<sub>2.5</sub> Levels Exceeding 'Moderate'**: PM<sub>2.5</sub> levels exceeded the 'Moderate' threshold (25 µg/m<sup>3</sup>). Notably, the levels reached 'Very poor' (62.87 µg/m<sup>3</sup>) impacting overall air quality.
- 17/01/2026, 23:59 **PM<sub>10</sub> Levels often in 'Poor' Range**: PM<sub>10</sub> concentrations often reached 'Poor' levels (50.01 - 100 µg/m<sup>3</sup>), peaking at 'Very Poor' category (114.27 µg/m<sup>3</sup>), indicating significant particulate matter pollution.
- 17/01/2026, 23:59 **Correlation Between Wind Speed and Air Quality**: Lower wind speeds (e.g., 0.38 m/s) corresponded to slightly better air quality while moderate wind speeds didn't directly correlate with improvement.
- 17/01/2026, 23:59 **Humidity Levels High, Impacts Pollutant Dispersion?**: High relative humidity (71.94% - 86.6%) might affect the dispersion and concentration of pollutants, potentially exacerbating air quality issues.
- 17/01/2026, 23:59 **Temperature Fluctuation and Air Quality Dynamics**: Temperature varied from -6.11°C to 5.03°C, it's important to investigate how temperature inversions might be trapping pollutants near the ground.
- 14/01/2026, 23:59 **EAQI Spiked to 'Very Poor' on January 14th**: The EAQI reached 'Very Poor' category on January 14th, with a value of 352, mainly due to high PM2.5 and PM10 levels, indicating a peak pollution event.

## 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	143	35.13	24.85	2.33	22.13	40.79
12/01/2026, 23:59	80	39.88	44.12	1.44	15.79	31.69
13/01/2026, 23:59	127	43.52	11.95	1.42	21.31	39.1
14/01/2026, 23:59	352	44.45	1.03	2.79	62.87	114.27
15/01/2026, 23:59	234	40.99	4.75	2.95	33.33	62.2
16/01/2026, 23:59	250	39.48	0	4.54	37.29	68.9
17/01/2026, 23:59	76	34.35	15.18	2.68	15.08	27.62

# 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	1.51	259.61	100	322.31	75.24	19.82	43.85	1001.55	-4.11
12/01/2026, 23:59	2.97	183.85	100	360.14	71.94	13.84	37.18	1008.83	-6.11
13/01/2026, 23:59	2.31	172.72	100	365.11	81.39	19.29	41.99	1007.3	-2.76
14/01/2026, 23:59	1.71	169.33	100	531.4	84.76	54.8	120.88	1009.16	2.21
15/01/2026, 23:59	1.56	167.69	100	478.63	80.79	31.1	69.27	1009.18	5.03
16/01/2026, 23:59	1.37	172.08	100	418.43	86.6	34.14	74.57	1011.22	4.05
17/01/2026, 23:59	0.38	184.96	100	337.09	73.32	13.58	30.58	1016.54	1.96

Oizom will not be responsible for Environmental Data accuracy once Validated