

# Primaria Deta

## WEEKLY AIR-QUALITY REPORT

Timp de la: **10/05/2026, 00:00**  
Timp până la: **17/05/2026, 00:00**

Numele dispozitivului: **Primaria Deta**  
Locația dispozitivului: **Strada Aurel Vlaicu 2, Deta, Romania**

Parametrii: **CAQI , PM<sub>10</sub> , PM<sub>2.5</sub> , NO<sub>2</sub> , O<sub>3</sub> , CO , Temperature , Wind Speed , Wind Direction , SO<sub>2</sub> , R. Humidity , PM<sub>1</sub> , PM<sub>100</sub> , Pressure**

Primaria Deta  
Strada Aurel Vlaicu 2, Deta, Romania



Media indicelui de calitate al aerului (ICA): **20**

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

	CAQI AQI	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	NO <sub>2</sub> μg/m <sup>3</sup>	O <sub>3</sub> μg/m <sup>3</sup>
<b>Average</b>	20	19.59	7.07	20.72	33.2
<b>Maximum</b>	31	30.29	13.46	24.87	41.32
<b>Date</b>	10/05/2026	10/05/2026	10/05/2026	16/05/2026	10/05/2026
<b>Minimum</b>	14	11.42	2.92	16.8	27.07
<b>Date</b>	16/05/2026	15/05/2026	15/05/2026	10/05/2026	16/05/2026

The data shown above is based on Media zilnică .

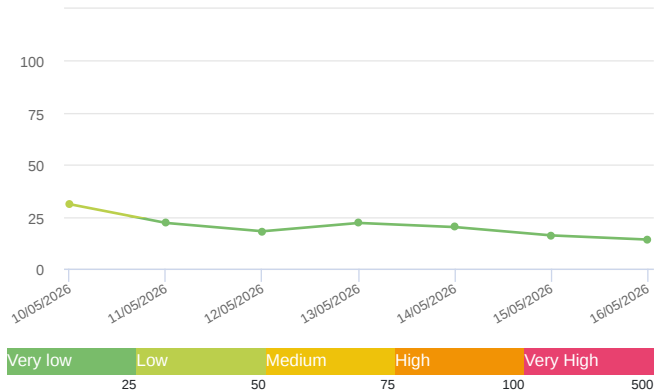
## Prezentare generală zilnică: Alți parametri

	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO <sub>2</sub> ppb	R. Humidity %	PM <sub>1</sub> μg/m <sup>3</sup>	PM <sub>100</sub> μg/m <sup>3</sup>	Pressure HPa
<b>Average</b>	257.84	18.07	1.79	203.15	100	8.58	63.2	5.43	28.2	997.54
<b>Maximum</b>	280.96	21.75	5.24	298.18	100	19.72	74.43	11.94	39.56	1005.16
<b>Date</b>	10/05/2026	10/05/2026	13/05/2026	13/05/2026	10/05/2026	10/05/2026	12/05/2026	10/05/2026	10/05/2026	10/05/2026
<b>Minimum</b>	239.43	12.1	1.61	168.49	100	2.51	53.71	1.85	20.3	991.74
<b>Date</b>	13/05/2026	13/05/2026	10/05/2026	10/05/2026	10/05/2026	13/05/2026	15/05/2026	15/05/2026	15/05/2026	16/05/2026

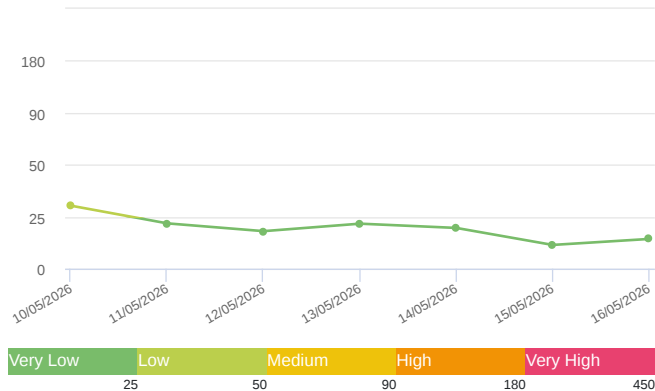
The data shown above is based on Media zilnică .

Media zilnică

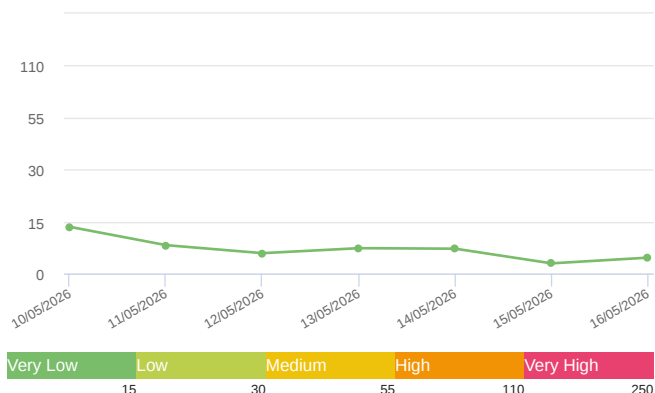
CAQI (AQI)



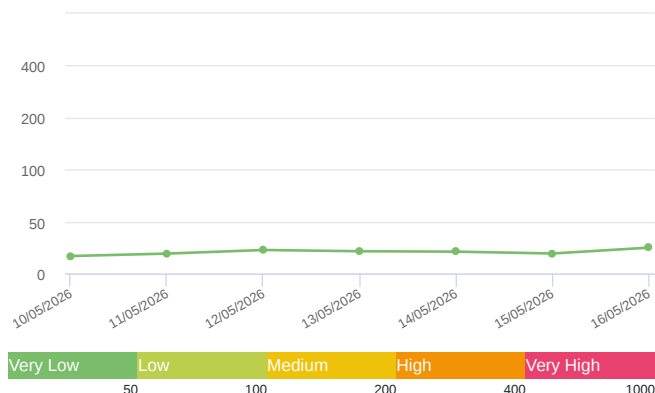
PM<sub>10</sub> (μg/m<sup>3</sup>)



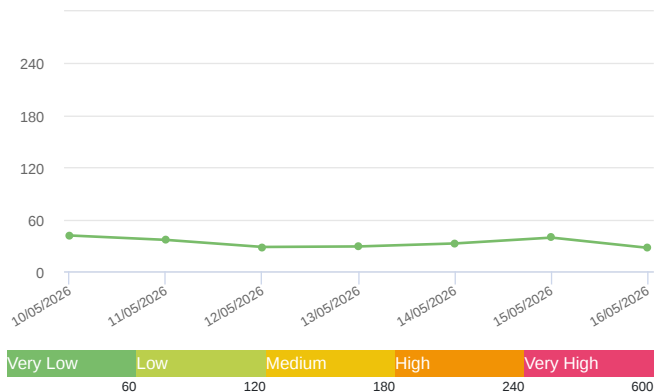
PM<sub>2.5</sub> (μg/m<sup>3</sup>)



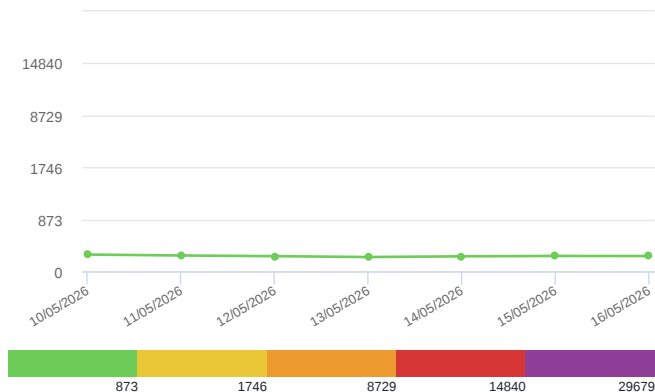
NO<sub>2</sub> (μg/m<sup>3</sup>)



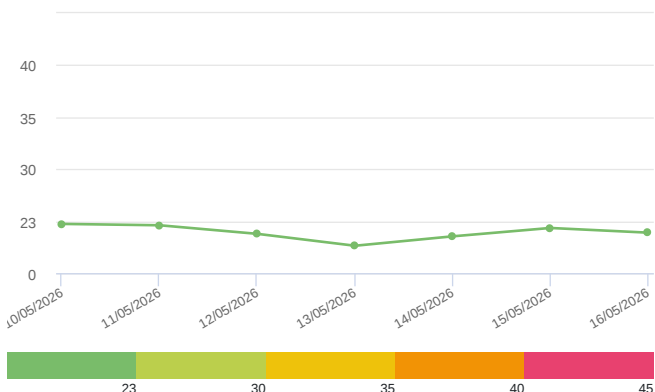
O<sub>3</sub> (μg/m<sup>3</sup>)



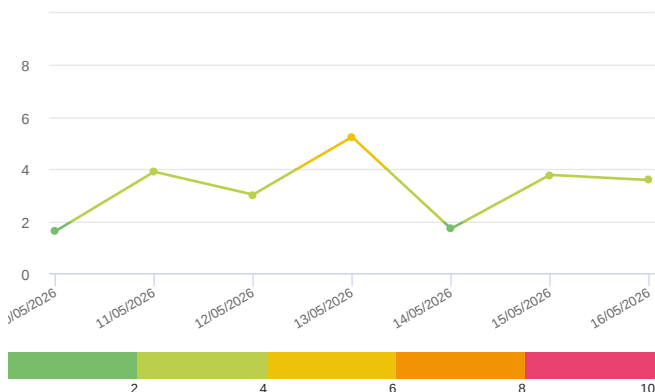
CO (ppb)



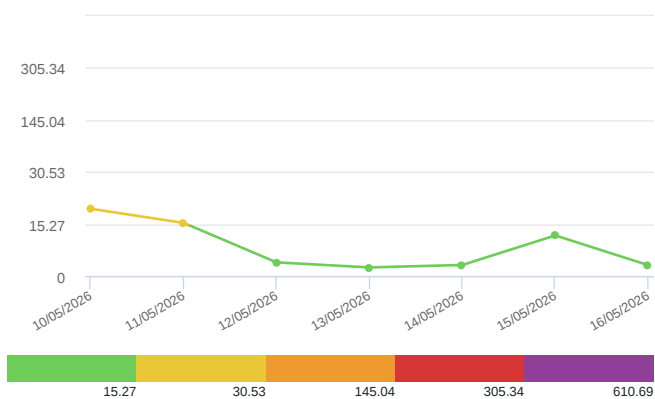
Temperature (°C)



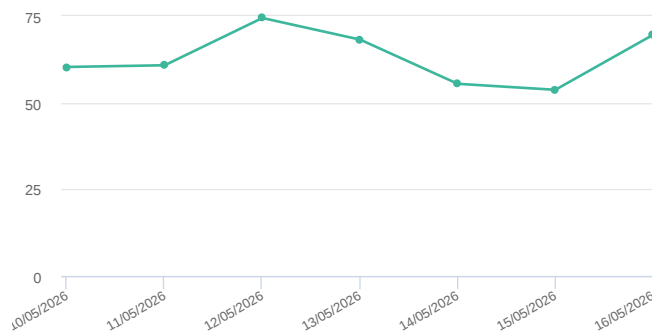
Wind Speed (m/s)



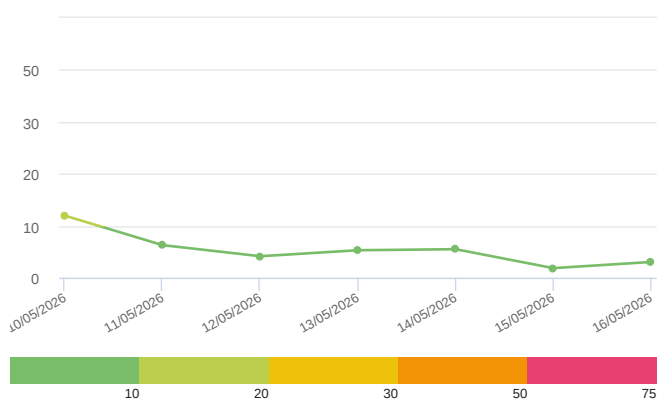
SO<sub>2</sub> (ppb)



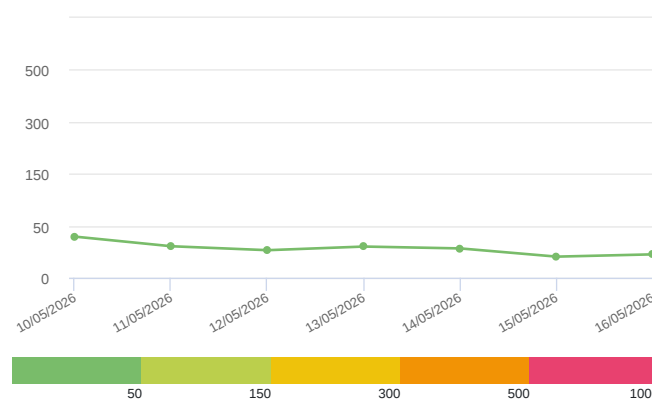
R. Humidity (%)



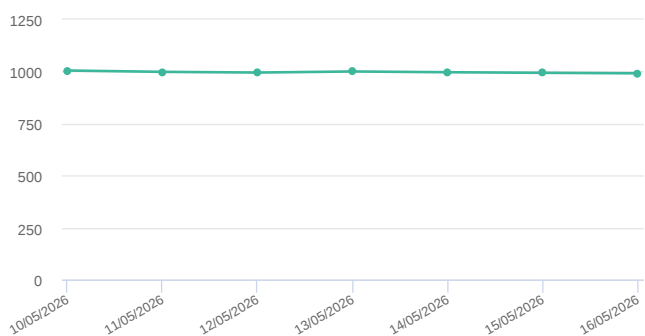
PM<sub>1</sub> (μg/m<sup>3</sup>)



PM<sub>100</sub> (μg/m<sup>3</sup>)



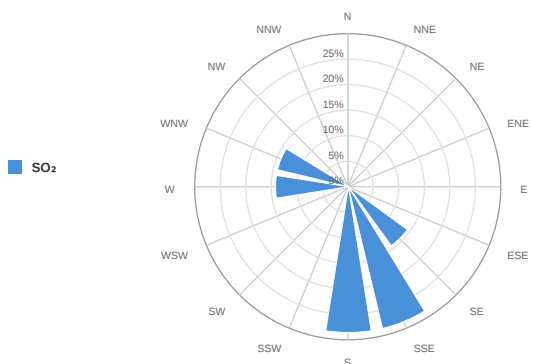
Pressure (hPa)



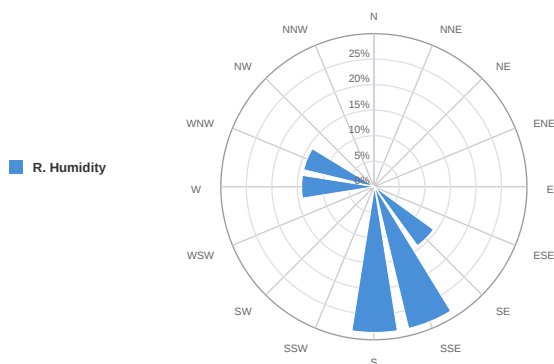
Media zilnică



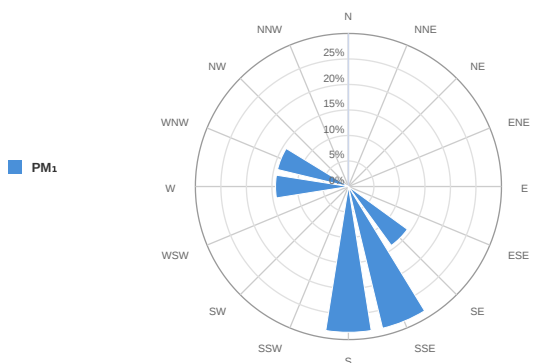
**SO<sub>2</sub> (ppb)**



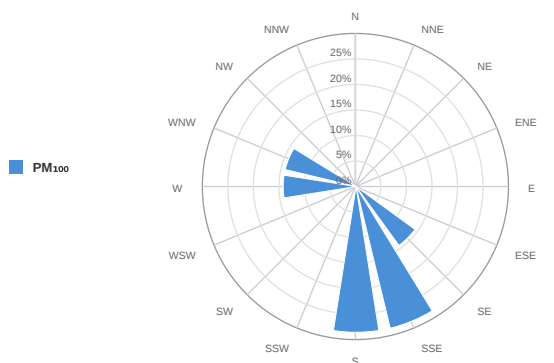
**R. Humidity (%)**



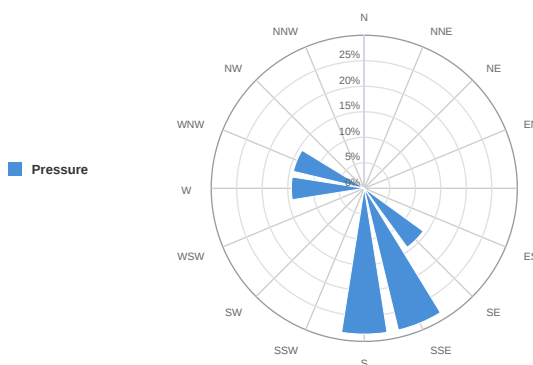
**PM<sub>1</sub> (μg/m<sup>3</sup>)**



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



**Pressure (hPa)**



## Alerte

No alerts for the selected date and time range

## Insights

- 16/05/2026, 23:59 **CAQI Fluctuations Indicate Variable Air Quality:** The CAQI values range from 23 (Very Low) to 34 (Low), indicating fluctuations in air quality. The maximum CAQI observed is 34. The daily changes suggest variable pollutant concentrations.
- 16/05/2026, 23:59 **NO<sub>2</sub> Levels Fluctuate Within Low to Medium Zones:** NO<sub>2</sub> levels range from 31.61 to 46.8 μg/m<sup>3</sup>, residing primarily in the Low and Medium zones. The fluctuations likely relate to traffic and industrial activity variations.
- 16/05/2026, 23:59 **Ozone Levels Show Variance, Mostly in Medium Zone:** O<sub>3</sub> levels fluctuate significantly, ranging from 53.14 to 81.12 μg/m<sup>3</sup>. This indicates variations in photochemical reactions, potentially impacting air quality.
- 16/05/2026, 23:59 **PM<sub>2.5</sub> Concentrations Predominantly in Very Low to Low Range:** PM<sub>2.5</sub> levels fluctuate between 2.92 and 13.46 μg/m<sup>3</sup>, placing the majority in the Very Low to Low zones. Low level is recorded on 2026-05-10, with a value of 13.46 μg/m<sup>3</sup>.
- 16/05/2026, 23:59 **PM<sub>10</sub> Remains Primarily in Very Low to Low Zone:** PM<sub>10</sub> concentrations range from 11.42 to 30.29 μg/m<sup>3</sup>, with most values in the Very Low to Low zones. The highest PM<sub>10</sub> concentration was recorded on 2026-05-10.
- 16/05/2026, 23:59 **Wind Speed Variations Correlate with Pollutant Dispersion:** Wind speed varies from 1.61 to 5.24 m/s. Higher wind speeds potentially contribute to pollutant dispersion, influencing local air quality. Higher wind recorded on 2026-05-13
- 16/05/2026, 23:59 **Temperature's Impact on Air Pollutant Levels:** Temperature changes from 12.1 to 21.75 °C, could influence the formation and dispersion of pollutants, especially ozone. Lower temp. recorded on 2026-05-13.
- 16/05/2026, 23:59 **Pressure Fluctuations Show Minimal Impact:** Pressure ranges from 991.74 to 1005.16 hPa. Pressure changes might have minimal effects on the dispersion of pollutants, but other factors play bigger roles.
- 16/05/2026, 23:59 **R. Humidity May Affect Air Quality:** Relative humidity varies from 53.71% to 74.43%. Higher humidity could affect the concentrations and behavior of particulate matter. The data indicates that 2026-05-12 has a higher humidity
- 16/05/2026, 23:59 **CO Levels Stable, Indicating Consistent Emission Sources:** CO levels are relatively consistent (239.43 to 280.96 ppb), suggesting consistent emission sources such as vehicular traffic or industrial processes.

## Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	CAQI AQI	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	NO <sub>2</sub> μg/m <sup>3</sup>	O <sub>3</sub> μg/m <sup>3</sup>
10/05/2026, 23:59	31	30.29	13.46	16.8	41.32
11/05/2026, 23:59	22	21.81	8.18	19.16	36.23
12/05/2026, 23:59	18	18.06	5.86	22.59	28.11
13/05/2026, 23:59	22	21.65	7.31	21.41	28.68
14/05/2026, 23:59	20	19.61	7.16	20.98	32.14
15/05/2026, 23:59	16	11.42	2.92	19.24	38.85
16/05/2026, 23:59	14	14.3	4.58	24.87	27.07

## Alți parametri

Media zilnică

To Date	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO <sub>2</sub> ppb	R. Humidity %	PM <sub>1</sub> μg/m <sup>3</sup>	PM <sub>100</sub> μg/m <sup>3</sup>	Pressure HPa
10/05/2026, 23:59	280.96	21.75	1.61	168.49	100	19.72	60.3	11.94	39.56	1005.16
11/05/2026, 23:59	265.8	21.16	3.9	182.93	100	15.58	60.79	6.27	30.31	998.8
12/05/2026, 23:59	254.18	17.36	3.02	270.56	100	3.99	74.43	4.14	26.5	995.39
13/05/2026, 23:59	239.43	12.1	5.24	298.18	100	2.51	68.2	5.29	29.98	1000.62
14/05/2026, 23:59	251.71	16.25	1.71	144	100	3.22	55.44	5.49	28.21	996.92
15/05/2026, 23:59	257.12	19.97	3.78	173.39	100	11.9	53.71	1.85	20.3	994.14
16/05/2026, 23:59	255.65	17.89	3.58	161.11	100	3.16	69.56	3.03	22.52	991.74

Oizom will not be responsible for Environmental Data accuracy once Validated