

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES 2 NOIEMBRIE 2026



DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE -Municipiul Sebeș

Valori medii orare

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formald ehida
h:min	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
1:00	10.77	12.63	14.35	22.75	34.74	0.94	0.77	n/a	0.22	9.66	46.13	55.78	11.89	n/a	0.004
2:00	13.01	14.95	16.70	24.10	32.95	0.85	0.73	n/a	0.21	11.15	42.33	53.48	11.68	n/a	
3:00	10.54	12.33	13.95	20.94	29.97	0.69	1.53	n/a	0.19	15.05	36.67	51.65	15.82	n/a	
4:00	9.04	10.44	11.78	17.39	25.28	0.55	0.66	n/a	0.17	2.91	30.57	33.42	18.43	n/a	
5:00	8.24	9.56	10.93	15.41	20.67	0.49	0.53	n/a	0.14	1.10	18.44	19.39	25.98	n/a	
6:00	7.21	8.61	9.90	15.64	22.73	0.59	0.60	0.29	0.15	10.10	33.73	43.81	14.37	n/a	
7:00	8.97	10.73	12.41	19.67	29.87	0.79	1.16	0.40	0.18	30.72	41.05	71.77	11.49	n/a	
8:00	10.39	12.67	14.69	25.79	40.61	1.07	0.83	0.29	0.22	52.80	39.85	92.65	12.31	n/a	
9:00	15.40	19.10	22.25	41.02	72.30	0.92	1.65	0.50	0.26	36.72	30.32	67.04	18.18	n/a	
10:00	8.36	10.69	12.81	24.54	43.10	0.65	1.18	n/a	0.17	23.67	25.40	49.07	29.56	n/a	
11:00	8.50	12.70	16.22	40.60	82.99	0.62	1.23	n/a	0.18	29.04	30.76	59.79	37.21	n/a	
12:00	5.28	7.20	8.79	19.13	34.80	0.39	0.46	n/a	0.14	4.92	7.58	12.44	58.79	n/a	
13:00	3.30	4.49	5.68	10.48	18.65	0.27	0.35	n/a	0.12	4.78	7.23	11.89	61.41	n/a	
14:00	2.64	3.70	4.69	9.56	16.16	0.24	0.37	n/a	0.12	4.23	5.97	10.09	64.19	n/a	
15:00	4.35	5.73	6.97	13.41	24.22	0.36	0.51	0.33	0.15	16.39	17.60	33.94	59.13	n/a	
16:00	3.73	4.96	6.05	12.03	20.61	0.43	0.46	n/a	0.13	7.69	10.85	18.44	64.05	n/a	
17:00	3.23	4.45	5.42	12.23	22.08	0.29	0.33	n/a	0.12	2.64	6.15	8.38	65.89	n/a	
18:00	5.06	6.74	8.12	16.74	30.16	0.47	0.50	n/a	0.14	0.60	8.84	9.02	60.50	n/a	
19:00	5.04	7.57	9.91	22.83	40.69	0.52	0.42	n/a	0.14	0.57	12.28	12.49	54.61	n/a	
20:00	16.63	20.19	23.49	38.32	59.18	1.11	1.52	n/a	0.44	10.63	38.40	48.81	36.45	n/a	
21:00	93.14	105.57	115.63	162.44	222.30	8.69	5.35	n/a	1.25	6.32	47.80	54.11	31.32	n/a	
22:00	43.11	48.46	53.08	72.98	96.36	n/a	n/a	n/a	0.45	16.13	59.21	75.34	16.11	n/a	
23:00	21.85	24.90	27.52	39.96	55.97	1.61	n/a	n/a	0.29	16.52	56.84	73.36	12.63	n/a	
24:00	16.48	18.99	21.15	31.76	45.19	1.64	1.18	n/a	0.31	6.98	48.22	55.19	14.13	n/a	
Min	2.64	3.70	4.69	9.56	16.16	0.24	0.33	0.29	0.12	0.57	5.97	8.38	11.49	N/A	
Max	93.14	105.57	115.63	162.44	222.30	8.69	5.35	0.50	1.25	52.80	59.21	92.65	65.89	N/A	
Medie	13.93	16.56	18.85	30.41	46.73	1.05	1.01	0.36	0.25	13.39	29.26	42.56	33.59	N/A	

Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	2

Indice zilnic general	2
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1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

*Metoda de determinare utilizată de analizoarele ce compun sistemul este metoda automată

Limite maxime admise

Monoxid de carbon - (CO)	10 mg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Ozon - (O3)	120 µg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Dioxid de azot- (NO2)	200 µg/mc limita orara ; 40 µg/mc limita anuala	Legea 104/2011
Dioxid de sulf - (SO2)	350 µg/mc limita orara ; 125 µg/mc limita zilnica	Legea 104/2011
Pulberi in suspensie (PM10)	50 µg/mc limita zilnica ; 40 µg/mc limita anuala ;	Legea 104/2011
Pulberi in suspensie (PM2.5)	20 µg/mc limita anuala	Legea 104/2011
Benzen - (C6H6)	5 µg/mc limita anuala	Legea 104/2011
Formaldehida - (CHOH)	0.012 mg/mc media la 24 h	STAS 12574/87

n/a - Parametrii funcţionali în afara limitelor măsurabile