

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES 1 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	11.88	13.81	15.66	23.33	34.68	1.05	0.85	n/a	0.22	17.20	45.52	62.71	9.59	n/a	0.004
2:00	11.65	13.71	15.59	23.98	36.11	1.01	0.83	n/a	0.21	27.91	42.26	70.17	10.44	n/a	
3:00	10.48	12.23	14.01	20.69	28.97	0.76	0.78	n/a	0.19	40.55	43.82	84.37	9.56	n/a	
4:00	9.51	11.17	12.77	19.60	28.27	0.61	1.21	n/a	0.17	11.07	32.67	43.69	15.07	n/a	
5:00	8.07	9.46	10.90	15.64	20.50	0.54	0.75	n/a	0.15	10.90	38.86	49.75	13.71	n/a	
6:00	6.98	8.27	9.69	14.83	21.08	0.39	0.58	n/a	0.13	1.38	20.89	22.20	24.27	n/a	
7:00	8.65	10.17	11.80	17.92	26.56	0.55	0.83	n/a	0.16	10.32	31.69	42.02	15.17	n/a	
8:00	8.76	10.51	12.21	20.40	31.66	0.58	0.82	0.32	0.16	24.08	33.67	57.75	16.75	n/a	
9:00	10.15	12.22	14.14	23.88	38.80	0.91	0.86	n/a	0.19	23.46	30.81	54.28	25.36	n/a	
10:00	8.05	10.20	12.22	22.98	37.16	0.44	0.76	n/a	0.15	19.82	24.06	43.89	35.70	n/a	
11:00	6.07	7.55	8.99	16.04	26.59	0.49	0.49	0.29	0.12	5.20	7.32	12.42	55.62	n/a	
12:00	5.01	6.22	7.42	13.04	22.09	0.39	0.59	n/a	0.12	5.17	6.63	11.73	57.45	n/a	
13:00	4.29	5.31	6.28	10.75	16.11	0.33	0.52	n/a	0.12	2.32	4.84	7.01	59.43	n/a	
14:00	3.92	5.05	6.04	11.45	20.25	0.27	0.28	n/a	0.12	9.26	9.88	19.08	59.37	n/a	
15:00	3.35	4.31	5.29	9.52	16.54	0.26	0.28	n/a	0.11	5.20	7.05	12.04	61.95	n/a	
16:00	2.77	3.68	4.59	9.16	17.11	0.21	0.26	n/a	0.11	5.92	7.61	13.44	62.00	n/a	
17:00	2.66	3.71	4.68	10.08	17.91	0.37	1.57	n/a	0.13	6.14	7.83	13.92	61.44	n/a	
18:00	2.80	4.17	5.38	13.08	23.39	0.31	n/a	n/a	0.12	6.04	11.71	17.65	57.01	n/a	
19:00	3.05	4.47	5.92	13.03	24.35	0.27	0.35	n/a	0.11	0.42	9.33	9.28	54.98	n/a	
20:00	15.93	19.18	22.04	37.74	59.03	1.01	1.38	n/a	0.44	11.68	42.58	54.17	31.66	n/a	
21:00	59.86	68.08	74.48	108.32	158.15	7.37	11.73	n/a	0.84	6.82	40.29	47.11	31.03	n/a	
22:00	21.92	25.23	28.00	40.01	55.01	1.12	1.14	n/a	0.36	12.32	50.37	62.69	18.15	n/a	
23:00	10.70	12.63	14.32	23.83	37.38	1.19	0.90	n/a	0.24	17.02	58.95	75.96	10.04	n/a	
24:00	11.22	13.18	15.03	23.79	34.96	1.02	0.81	n/a	0.23	8.55	49.40	57.96	11.87	n/a	
Min	2.66	3.68	4.59	9.16	16.11	0.21	0.26	0.29	0.11	0.42	4.84	7.01	9.56	N/A	
Max	59.86	68.08	74.48	108.32	158.15	7.37	11.73	0.32	0.84	40.55	58.95	84.37	62.00	N/A	
Medie	10.32	12.27	14.06	22.63	34.69	0.89	1.24	0.30	0.20	12.03	27.42	39.39	33.65	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

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

Indice zilnic general	2
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*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