

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES 4 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	15.25	17.10	18.83	26.05	34.05	1.40	0.95	n/a	0.27	0.50	21.11	21.35	24.69	n/a	0.004
2:00	14.92	16.65	18.15	24.81	32.90	1.27	0.91	n/a	0.27	0.67	20.06	20.49	23.66	n/a	
3:00	12.72	14.33	15.67	22.21	28.98	1.08	0.88	n/a	0.24	0.71	20.61	21.13	20.74	n/a	
4:00	11.36	12.72	14.00	18.61	24.63	1.01	n/a	n/a	0.22	1.03	20.15	21.03	20.76	n/a	
5:00	11.45	12.84	14.06	18.97	25.91	0.94	0.78	0.36	0.21	1.27	23.50	24.76	17.09	n/a	
6:00	10.62	12.02	13.32	18.11	23.49	0.85	0.71	0.35	0.19	1.04	19.28	20.23	18.16	n/a	
7:00	9.93	11.56	12.90	20.01	29.59	0.87	0.75	0.32	0.19	8.31	24.31	32.63	13.24	n/a	
8:00	10.08	11.70	13.32	18.94	26.29	1.02	0.75	0.30	0.20	16.38	22.67	39.05	15.79	n/a	
9:00	10.04	11.77	13.41	20.22	28.21	0.86	0.75	n/a	0.23	11.35	16.30	27.65	26.79	n/a	
10:00	10.39	12.21	13.87	21.01	31.64	0.88	1.06	0.37	0.20	10.52	17.53	28.05	38.76	n/a	
11:00	9.51	11.60	13.58	22.44	33.47	0.67	0.73	n/a	0.17	8.24	13.78	22.02	47.82	n/a	
12:00	6.07	7.70	9.35	16.36	27.90	0.71	1.54	n/a	0.16	7.72	12.31	20.03	56.39	n/a	
13:00	5.65	7.09	8.32	15.24	26.98	0.59	0.67	0.39	0.16	6.23	11.79	17.92	61.35	n/a	
14:00	3.95	5.12	6.26	11.18	18.29	0.35	0.46	n/a	0.14	5.87	10.34	16.12	67.04	n/a	
15:00	3.64	4.57	5.47	9.31	14.74	0.43	0.62	n/a	0.13	5.59	10.43	15.97	68.01	n/a	
16:00	4.06	5.16	6.19	11.00	17.07	0.68	0.69	n/a	0.15	4.68	11.33	16.01	67.73	n/a	
17:00	4.18	5.19	6.14	10.28	15.35	0.51	1.15	n/a	0.14	2.66	9.88	12.35	68.53	n/a	
18:00	9.13	10.56	12.04	17.38	24.47	1.61	1.00	n/a	0.23	8.95	23.99	32.77	56.03	n/a	
19:00	28.81	38.07	46.50	93.57	160.48	4.32	3.39	n/a	0.49	14.78	40.85	55.64	37.57	n/a	
20:00	65.44	74.56	82.63	116.28	152.98	7.13	5.00	n/a	0.60	15.17	57.17	72.34	24.13	n/a	
21:00	20.96	23.72	26.20	34.74	44.52	1.77	1.75	n/a	0.32	26.16	70.08	96.24	11.09	n/a	
22:00	13.76	16.04	18.14	28.05	39.43	1.40	0.90	n/a	0.28	19.65	58.86	78.49	13.17	n/a	
23:00	15.19	17.29	19.30	28.08	38.24	1.62	1.01	n/a	0.29	5.01	45.68	50.68	16.34	n/a	
24:00	16.13	18.13	20.00	28.26	38.53	1.50	0.90	n/a	0.30	5.15	45.99	51.13	14.40	n/a	
Min	3.64	4.57	5.47	9.31	14.74	0.35	0.46	0.30	0.13	0.50	9.88	12.35	11.09	N/A	
Max	65.44	74.56	82.63	116.28	160.48	7.13	5.00	0.39	0.60	26.16	70.08	96.24	68.53	N/A	
Medie	13.47	15.74	17.82	27.13	39.09	1.39	1.19	0.35	0.24	7.82	26.17	33.92	34.55	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