

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

3 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	13.73	15.78	17.76	25.74	36.09	1.24	1.01	n/a	0.27	16.84	48.83	65.67	11.18	n/a	0.005
2:00	12.05	13.81	15.42	22.08	31.10	1.07	1.16	n/a	0.24	7.60	41.31	48.88	14.67	n/a	
3:00	10.67	12.39	13.97	21.24	31.70	0.92	0.85	n/a	0.22	5.84	37.21	43.05	13.87	n/a	
4:00	9.92	11.52	13.07	19.14	26.58	0.85	0.80	n/a	0.20	5.09	30.34	35.39	18.05	n/a	
5:00	10.47	12.16	13.69	20.65	29.94	0.89	0.81	0.38	0.19	3.71	28.74	32.30	17.31	n/a	
6:00	10.69	12.42	14.04	20.46	28.42	0.92	0.83	0.35	0.20	15.37	30.81	46.18	12.60	n/a	
7:00	10.98	12.99	14.74	22.95	35.68	1.02	0.95	0.41	0.21	31.94	32.61	64.54	9.87	n/a	
8:00	11.34	13.55	15.67	23.83	33.11	1.12	1.05	0.45	0.21	53.25	33.17	86.42	11.25	n/a	
9:00	12.92	15.45	17.93	26.84	37.65	1.28	1.18	n/a	0.22	37.40	30.72	68.12	16.83	n/a	
10:00	14.67	17.80	20.84	32.93	48.73	1.15	1.64	n/a	0.27	28.96	33.01	61.97	27.53	n/a	
11:00	11.52	14.31	17.04	28.07	43.14	0.86	1.01	0.44	0.19	18.60	24.64	43.24	46.23	n/a	
12:00	8.27	10.73	12.91	24.53	41.47	0.57	0.85	0.53	0.17	13.68	19.76	33.44	54.42	n/a	
13:00	6.75	9.39	11.78	25.04	45.06	0.71	1.16	n/a	0.16	10.07	17.14	27.20	59.64	n/a	
14:00	3.91	5.35	6.76	13.20	23.65	0.40	0.49	n/a	0.13	9.95	10.94	20.88	62.50	n/a	
15:00	3.60	5.28	6.77	15.15	27.80	0.38	0.42	n/a	0.13	4.10	7.31	11.32	63.24	n/a	
16:00	3.64	4.78	5.82	10.96	19.68	0.57	1.19	n/a	0.12	7.71	8.64	16.15	62.77	n/a	
17:00	3.38	4.43	5.37	10.08	17.37	0.35	0.35	n/a	0.12	0.79	3.14	3.60	65.06	n/a	
18:00	3.22	4.90	6.32	15.93	30.70	0.33	0.40	n/a	0.15	1.54	10.06	11.37	58.95	n/a	
19:00	49.36	59.66	69.33	111.93	166.59	12.04	7.06	n/a	0.60	15.14	47.36	62.39	31.12	n/a	
20:00	71.62	82.23	90.85	136.93	197.27	8.51	5.84	n/a	0.95	7.47	43.09	50.56	32.55	n/a	
21:00	38.78	42.86	46.10	60.64	80.14	3.03	3.60	n/a	0.45	5.08	46.38	51.45	21.97	n/a	
22:00	20.30	23.05	25.42	35.98	48.21	1.95	1.35	n/a	0.32	1.53	30.16	31.61	26.25	n/a	
23:00	17.50	19.81	21.89	30.81	42.09	1.75	1.23	n/a	0.31	1.00	29.81	30.73	23.81	n/a	
24:00	17.80	20.19	22.34	32.49	44.65	1.66	1.08	n/a	0.31	0.94	27.09	27.93	21.72	n/a	
Min	3.22	4.43	5.37	10.08	17.37	0.33	0.35	0.35	0.12	0.79	3.14	3.60	9.87	N/A	
Max	71.62	82.23	90.85	136.93	197.27	12.04	7.06	0.53	0.95	53.25	48.83	86.42	65.06	N/A	
Medie	15.71	18.54	21.08	32.82	48.62	1.82	1.51	0.43	0.26	12.65	28.01	40.60	32.64	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