

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES 5 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	14.27	16.09	17.89	25.33	34.72	1.24	0.81	n/a	0.26	1.60	36.35	37.81	17.31	n/a	0.006
2:00	12.95	14.54	16.09	22.24	29.69	1.13	0.70	n/a	0.24	1.86	27.75	29.53	20.40	n/a	
3:00	11.54	13.09	14.56	21.02	29.32	0.89	0.68	n/a	0.22	2.76	32.82	35.56	15.39	n/a	
4:00	10.82	12.35	13.68	20.61	30.79	0.81	0.67	0.34	0.21	10.17	36.51	46.68	12.21	n/a	
5:00	10.18	11.77	13.26	19.94	28.25	0.75	0.60	0.30	0.18	8.79	32.64	41.44	13.45	n/a	
6:00	9.44	10.91	12.23	18.62	26.96	0.71	0.60	0.32	0.18	24.11	37.76	61.88	10.01	n/a	
7:00	8.80	10.52	12.11	19.53	27.86	0.71	0.64	0.29	0.19	38.57	39.96	78.53	10.50	n/a	
8:00	20.50	22.68	24.45	33.20	44.26	5.29	1.72	0.47	0.34	48.14	35.92	84.07	12.87	n/a	
9:00	16.47	20.07	23.13	39.81	65.79	0.95	n/a	n/a	0.24	56.98	40.87	97.85	17.86	n/a	
10:00	43.82	51.15	57.05	88.53	139.77	1.51	2.09	0.79	0.32	52.16	50.79	102.95	24.29	n/a	
11:00	19.23	24.42	28.86	56.06	98.99	0.88	1.54	0.57	0.26	41.68	44.19	85.86	33.45	n/a	
12:00	13.38	17.04	19.99	39.45	68.36	0.70	1.21	0.52	0.20	16.61	24.83	41.44	50.03	n/a	
13:00	6.43	8.37	9.87	21.08	37.35	0.43	0.39	n/a	0.15	3.46	8.06	11.45	66.64	n/a	
14:00	4.94	6.55	7.94	17.02	31.98	0.49	0.84	n/a	0.14	7.55	13.22	20.66	67.95	n/a	
15:00	4.51	6.04	7.49	15.02	25.62	0.38	0.53	n/a	0.14	5.81	12.31	18.00	70.25	n/a	
16:00	4.75	6.65	7.92	20.63	40.45	0.43	0.73	n/a	0.14	7.28	16.86	24.13	71.06	n/a	
17:00	6.04	7.88	9.38	19.22	33.63	0.65	1.09	n/a	0.15	10.00	27.92	37.85	65.50	n/a	
18:00	5.07	8.26	11.27	28.92	51.35	0.36	0.58	n/a	0.17	20.37	31.86	52.17	55.72	n/a	
19:00	43.21	55.20	66.22	126.15	208.07	8.35	6.97	n/a	0.67	19.31	63.69	83.01	31.21	n/a	
20:00	64.42	74.10	83.00	122.07	174.05	7.63	7.12	n/a	0.79	15.82	66.10	81.92	23.95	n/a	
21:00	26.58	30.77	34.52	54.74	82.11	2.12	1.45	n/a	0.40	20.37	73.68	94.04	12.03	n/a	
22:00	24.18	28.51	32.17	55.12	87.57	2.55	1.43	0.11	0.38	27.87	55.64	83.51	17.72	n/a	
23:00	21.37	25.23	28.72	48.12	73.43	1.78	1.17	n/a	0.34	18.52	57.83	76.34	13.59	n/a	
24:00	20.09	25.01	29.64	56.02	90.99	1.55	0.99	n/a	0.32	8.87	48.32	57.17	15.21	n/a	
Min	4.51	6.04	7.49	15.02	25.62	0.36	0.39	0.11	0.14	1.60	8.06	11.45	10.01	N/A	
Max	64.42	74.10	83.00	126.15	208.07	8.35	7.12	0.79	0.79	56.98	73.68	102.95	71.06	N/A	
Medie	17.62	21.13	24.23	41.19	65.06	1.76	1.50	0.41	0.28	19.53	38.16	57.66	31.19	N/A	

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

Particule in suspensie (PM2,5)	3
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	3

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

Indice zilnic general	3
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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