RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
4 NOIEMBRIE 2026

PRIMĂRIA MUNICIPIULUI SEBEȘ

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	Formaldehida
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	3.81	4.26	4.70	5.69	6.46	0.58	0.57	n/a	0.22	0.40	7.54	7.02	32.32	10.23	
2:00	4.37	4.87	5.44	6.43	7.74	0.72	0.63	n/a	0.23	1.55	7.57	8.36	26.76	10.30	
3:00	4.93	5.44	6.05	7.18	8.20	0.64	0.60	n/a	0.23	0.39	6.27	5.59	26.69	10.28	
4:00	4.13	4.55	5.02	6.18	7.31	0.60	0.59	n/a	0.22	1.72	6.54	7.43	27.80	10.28	
5:00	4.17	4.59	5.04	6.15	7.30	0.62	0.60	n/a	0.22	0.83	5.29	5.04	28.32	10.33	
6:00	4.72	5.18	5.73	6.95	8.23	0.64	0.61	0.30	0.22	1.53	7.12	7.99	24.76	10.38	
7:00	4.88	5.39	5.98	7.00	8.01	0.78	0.64	n/a	0.23	6.64	11.51	17.83	21.86	10.34	
8:00	6.41	7.39	8.43	12.32	16.73	0.82	0.73	0.35	0.25	13.09	13.87	26.83	22.42	10.33	
9:00	6.44	7.10	7.85	10.14	12.61	0.75	0.68	n/a	0.26	3.97	12.92	16.86	22.14	10.36	
10:00	7.21	8.01	8.87	11.39	15.73	0.95	0.76	0.36	0.27	10.54	14.68	25.22	21.39	10.54	
11:00	5.30	5.78	6.35	7.37	8.75	0.69	0.70	0.35	0.23	1.92	6.74	8.51	29.80	10.48	
12:00	8.00	8.51	9.01	10.66	13.11	1.35	0.85	0.37	0.26	1.12	6.74	7.66	30.78	10.49	0.003
13:00	6.83	7.39	7.95	9.67	11.71	0.81	0.67	0.29	0.25	3.78	7.19	10.71	31.87	10.59	
14:00	6.63	7.26	7.90	10.23	13.61	0.71	n/a	n/a	0.27	8.36	8.17	16.38	33.91	10.50	
15:00	6.40	7.42	8.63	11.87	17.43	0.82	0.67	n/a	0.25	14.45	16.82	31.23	31.13	10.63	
16:00	6.33	8.15	10.03	17.85	27.99	1.12	1.23	0.62	0.32	22.91	24.14	47.05	24.90	10.44	
17:00	7.86	9.07	10.36	14.51	19.60	0.76	0.79	0.47	0.45	15.11	22.71	37.52	24.47	10.51	
18:00	16.14	17.30	18.39	20.68	23.73	2.52	1.59	0.68	0.42	27.47	37.63	64.89	14.75	10.46	
19:00	25.71	27.14	28.43	31.38	34.32	3.98	1.96	0.64	0.62	45.64	44.41	90.04	10.32	10.45	
20:00	60.33	63.04	64.74	68.86	73.80	6.06	3.06	0.87	1.23	33.78	36.43	70.20	11.02	10.51	
21:00	80.50	83.10	84.87	88.81	94.14	6.35	2.86	n/a	1.06	26.21	28.32	54.52	10.47	10.50	
22:00	71.21	73.85	75.41	79.33	84.84	6.13	4.67	1.28	1.38	65.40	30.79	96.19	9.16	10.61	
23:00	72.82	75.57	77.43	80.98	84.82	4.56	3.13	0.98	1.12	42.95	27.00	69.95	8.52	10.59	
24:00	28.84	30.62	32.08	34.98	37.26	2.69	1.75	0.66	0.52	80.54	24.83	105.37	7.57	10.59	
Min	**3.81**	**4.26**	**4.70**	**5.69**	**6.46**	**0.58**	**0.57**	**0.29**	**0.22**	**0.39**	**5.29**	**5.04**	**7.57**	**10.23**	
Max	**80.50**	**83.10**	**84.87**	**88.81**	**94.14**	**6.35**	**4.67**	**1.28**	**1.38**	**80.54**	**44.41**	**105.37**	**33.91**	**10.63**	
Medie	**18.92**	**20.04**	**21.03**	**23.61**	**26.81**	**1.90**	**1.32**	**0.59**	**0.45**	**17.93**	**17.30**	**34.93**	**22.21**	**10.45**	

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)	1
Particule in suspensie (PM10)	2

Indice zilnic general	3

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