RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
3 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	8.35	9.09	9.89	10.59	11.22	0.43	0.35	n/a	0.19	0.40	3.82	3.19	40.83	9.83	
2:00	8.04	8.76	9.57	10.24	10.89	0.59	0.36	n/a	0.19	0.74	4.80	4.58	36.65	9.96	
3:00	7.68	8.35	9.07	10.08	11.42	0.44	0.38	n/a	0.19	0.38	3.88	3.16	36.17	9.95	
4:00	8.40	9.13	9.87	11.45	13.79	0.48	0.43	n/a	0.20	0.40	5.83	5.21	31.35	9.98	
5:00	8.31	9.00	9.64	11.39	13.50	0.48	0.43	n/a	0.19	0.37	8.29	7.58	29.76	10.06	
6:00	8.07	8.76	9.50	10.74	11.99	0.54	0.45	n/a	0.21	0.38	12.08	11.39	28.95	9.98	
7:00	5.07	5.50	6.02	6.76	7.55	0.41	0.34	n/a	0.19	1.02	6.98	7.38	34.04	9.95	
8:00	4.24	4.67	5.14	6.26	7.35	0.48	0.46	n/a	0.21	1.34	7.95	8.90	32.74	10.02	
9:00	4.40	4.79	5.23	6.15	7.52	0.53	n/a	n/a	0.21	1.32	6.25	7.17	35.05	10.04	
10:00	4.73	5.11	5.53	6.49	7.34	0.94	0.47	n/a	0.20	1.31	5.05	6.12	37.69	10.02	
11:00	4.96	5.28	5.63	6.48	7.81	0.58	0.41	n/a	0.21	0.97	5.36	5.82	36.66	10.02	
12:00	3.07	3.39	3.72	4.98	6.37	0.49	0.38	n/a	0.21	1.06	4.94	5.66	35.89	10.09	0.002
13:00	3.09	3.44	3.83	5.00	6.70	0.55	0.44	0.22	0.22	1.25	5.90	6.84	35.94	10.14	
14:00	3.74	4.18	4.67	6.37	8.30	0.73	0.63	0.28	0.22	4.68	6.73	11.01	36.14	10.18	
15:00	11.09	11.73	12.32	15.16	20.49	12.74	4.05	n/a	0.46	2.71	7.95	10.47	36.36	10.22	
16:00	7.17	7.74	8.31	10.07	13.09	0.66	0.87	n/a	0.24	0.78	8.11	8.37	35.14	10.17	
17:00	6.86	7.43	8.02	9.59	11.35	0.63	0.49	0.30	0.22	0.56	8.30	8.18	34.62	10.20	
18:00	6.82	7.40	7.94	10.03	13.05	0.66	0.60	0.35	0.22	1.60	9.86	10.86	32.88	10.20	
19:00	7.57	8.19	8.79	10.66	12.95	1.00	0.63	0.34	0.26	0.63	8.82	8.95	31.20	10.19	
20:00	9.61	10.36	11.02	13.39	16.41	0.98	0.69	0.30	0.28	0.66	9.27	9.38	28.90	10.24	
21:00	8.10	8.80	9.38	11.26	14.22	0.86	0.64	n/a	0.24	0.42	8.55	8.01	28.63	10.18	
22:00	8.49	9.23	10.00	11.77	14.04	1.09	0.69	n/a	0.29	0.60	8.38	8.22	26.69	10.16	
23:00	7.68	8.30	8.93	10.50	11.82	0.81	0.54	n/a	0.25	0.48	6.45	6.10	26.85	10.27	
24:00	6.34	6.94	7.55	9.11	10.55	0.68	0.53	0.28	0.23	0.37	7.33	6.60	27.63	10.29	
Min	**3.07**	**3.39**	**3.72**	**4.98**	**6.37**	**0.41**	**0.34**	**0.22**	**0.19**	**0.37**	**3.82**	**3.16**	**26.69**	**9.83**	
Max	**11.09**	**11.73**	**12.32**	**15.16**	**20.49**	**12.74**	**4.05**	**0.35**	**0.46**	**4.68**	**12.08**	**11.39**	**40.83**	**10.29**	
Medie	**6.74**	**7.32**	**7.90**	**9.35**	**11.24**	**1.16**	**0.66**	**0.30**	**0.23**	**1.02**	**7.12**	**7.46**	**33.20**	**10.10**	

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

Particule in suspensie (PM2,5)	1
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	1
Indice zilnic general	1

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