RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
13 OCTOMBRIE 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	2.91	3.82	4.56	7.68	13.17	0.26	0.39	0.54	0.11	3.50	9.46	12.83	40.65	5.33	
2:00	2.96	4.00	5.03	8.28	12.76	0.26	0.58	n/a	0.10	2.09	10.46	12.51	35.57	5.48	
3:00	4.19	5.47	6.73	10.67	15.65	0.29	0.68	0.55	0.11	5.08	20.91	25.92	26.57	5.25	
4:00	4.89	6.06	7.14	11.05	15.64	0.30	0.65	n/a	0.13	4.93	27.23	32.13	20.27	5.44	
5:00	4.40	5.81	7.21	11.70	17.83	0.27	0.65	0.54	0.11	7.59	27.81	35.39	19.47	5.53	
6:00	15.62	17.38	19.13	24.24	32.48	5.06	2.05	0.76	0.28	37.45	37.08	74.53	13.92	5.47	
7:00	13.42	16.74	19.94	34.22	55.96	1.63	2.86	n/a	0.49	66.81	44.14	110.95	9.82	5.60	
8:00	15.81	19.94	23.84	43.49	72.07	2.65	5.00	n/a	0.35	50.99	36.31	87.30	10.80	5.57	
9:00	18.29	22.56	26.57	46.73	80.51	1.39	1.81	0.74	0.29	36.40	33.14	69.54	16.97	5.45	
10:00	7.98	9.33	10.64	14.46	20.12	3.18	1.36	0.63	0.17	6.02	13.13	19.15	30.18	5.38	
11:00	7.14	8.07	8.91	11.21	14.61	0.62	0.60	n/a	0.14	1.86	5.48	7.34	36.66	5.45	
12:00	5.79	6.65	7.49	9.32	12.77	0.54	0.56	0.49	0.15	2.14	5.65	7.79	36.73	5.40	0.003
13:00	5.63	6.29	6.85	8.75	11.18	0.60	0.48	n/a	0.16	2.05	3.68	5.71	40.69	5.34	
14:00	5.23	6.01	6.68	8.69	11.33	0.39	0.45	n/a	0.14	3.13	3.93	6.99	41.94	5.33	
15:00	5.40	6.15	6.86	8.36	10.61	0.36	0.39	0.47	0.13	1.44	3.32	4.66	42.04	5.41	
16:00	5.82	6.62	7.42	9.01	10.68	0.34	0.40	n/a	0.12	1.47	3.40	4.81	43.58	5.39	
17:00	7.02	7.95	8.82	11.01	14.11	0.40	0.71	0.57	0.14	1.17	11.35	12.50	35.81	5.48	
18:00	9.76	10.96	12.08	15.85	20.63	1.86	0.74	n/a	0.21	9.43	26.38	35.78	28.75	5.52	
19:00	7.35	8.46	9.54	12.83	17.08	0.51	0.60	0.52	0.19	5.05	16.85	21.90	35.14	5.46	
20:00	9.54	10.52	11.36	14.12	17.44	0.61	n/a	n/a	0.27	4.97	19.84	24.82	31.83	5.44	
21:00	16.65	17.94	19.06	21.88	26.39	1.04	0.93	0.57	0.30	13.36	30.10	43.45	23.70	5.56	
22:00	13.94	15.45	16.60	19.62	24.35	0.99	1.09	0.55	0.25	6.70	31.17	37.87	16.95	5.57	
23:00	13.11	14.15	15.06	16.58	18.40	1.23	1.48	0.72	0.23	3.09	17.58	20.63	23.36	5.49	
24:00	13.41	14.51	15.43	17.00	19.04	1.07	1.88	0.62	0.23	1.95	21.12	23.06	16.98	5.43	
Min	**2.91**	**3.82**	**4.56**	**7.68**	**10.61**	**0.26**	**0.39**	**0.47**	**0.10**	**1.17**	**3.32**	**4.66**	**9.82**	**5.25**	
Max	**18.29**	**22.56**	**26.57**	**46.73**	**80.51**	**5.06**	**5.00**	**0.76**	**0.49**	**66.81**	**44.14**	**110.95**	**43.58**	**5.60**	
Medie	**9.01**	**10.45**	**11.79**	**16.53**	**23.53**	**1.08**	**1.15**	**0.59**	**0.20**	**11.61**	**19.15**	**30.73**	**28.27**	**5.45**	

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)	1
Particule in suspensie (PM10)	1

Indice zilnic general	2

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