RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
1 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	5.63	5.98	6.21	6.70	7.09	0.67	0.64	n/a	0.24	3.08	12.87	15.88	23.94	9.60	
2:00	5.06	5.47	5.74	6.58	7.58	0.55	0.63	n/a	0.24	5.83	13.19	18.88	22.04	9.53	
3:00	8.01	8.52	8.90	9.56	10.33	0.71	0.75	n/a	0.26	3.62	12.06	15.56	19.74	9.51	
4:00	11.43	12.34	12.96	14.01	15.07	0.74	0.65	n/a	0.23	1.80	15.26	16.53	16.24	9.59	
5:00	8.30	8.90	9.32	10.41	11.51	0.59	0.62	n/a	0.22	0.41	17.99	17.77	15.69	9.58	
6:00	10.00	10.69	11.34	12.55	13.57	0.93	0.82	n/a	0.24	2.83	18.95	21.54	14.37	9.69	
7:00	12.21	12.76	13.17	14.47	15.73	0.61	0.58	n/a	0.23	1.10	14.84	15.48	14.76	9.56	
8:00	7.21	7.60	7.96	8.55	9.26	0.60	0.50	n/a	0.21	0.85	6.57	6.79	18.34	9.58	
9:00	5.96	6.35	6.74	7.46	8.21	0.65	0.55	n/a	0.21	0.85	5.06	5.56	18.33	9.63	
10:00	5.28	5.65	5.96	6.94	7.83	0.84	0.70	n/a	0.22	2.68	5.17	7.77	18.39	9.62	
11:00	5.03	5.44	5.90	6.76	7.47	0.67	0.61	0.38	0.23	2.42	4.67	7.00	20.76	9.65	
12:00	4.30	4.82	5.35	7.34	9.57	0.65	0.52	n/a	0.22	2.94	4.49	7.35	23.34	9.69	0.002
13:00	4.21	4.71	5.25	7.21	9.79	0.84	0.55	0.36	0.24	1.99	4.11	5.83	25.77	9.67	
14:00	4.91	5.33	5.71	7.05	8.45	0.55	0.54	n/a	0.22	0.54	3.41	3.57	28.81	9.68	
15:00	2.77	3.18	3.65	5.06	6.56	0.57	0.41	0.31	0.21	0.62	4.05	4.13	29.16	9.78	
16:00	4.07	4.44	4.90	5.98	7.00	0.82	0.54	0.34	0.27	0.73	6.35	6.62	28.23	9.77	
17:00	5.78	6.27	6.79	8.28	9.87	0.92	0.55	0.35	0.28	0.82	9.16	9.59	25.86	9.70	
18:00	9.70	10.25	10.84	12.92	15.76	1.20	0.64	0.38	0.31	2.79	10.40	12.81	22.84	9.85	
19:00	8.18	8.79	9.41	11.64	14.53	1.00	0.60	0.36	0.28	0.56	9.71	9.87	23.68	9.81	
20:00	8.52	9.27	9.88	13.23	16.96	0.78	0.60	0.37	0.31	7.13	22.68	29.62	16.93	9.81	
21:00	6.72	7.41	8.04	9.78	11.83	0.75	0.64	n/a	0.22	0.50	6.05	5.85	29.84	9.82	
22:00	5.18	5.77	6.38	7.87	10.40	0.51	0.80	n/a	0.22	0.87	4.80	4.82	29.95	9.75	
23:00	6.78	7.30	7.82	8.86	10.02	0.54	0.66	n/a	0.23	0.60	3.57	3.45	29.55	9.71	
24:00	5.09	5.64	6.18	7.39	8.68	0.49	0.60	n/a	0.21	0.87	5.11	5.24	28.52	9.76	
Min	**2.77**	**3.18**	**3.65**	**5.06**	**6.56**	**0.49**	**0.41**	**0.31**	**0.21**	**0.41**	**3.41**	**3.45**	**14.37**	**9.51**	
Max	**12.21**	**12.76**	**13.17**	**14.47**	**16.96**	**1.20**	**0.82**	**0.38**	**0.31**	**7.13**	**22.68**	**29.62**	**29.95**	**9.85**	
Medie	**6.68**	**7.20**	**7.68**	**9.02**	**10.54**	**0.72**	**0.61**	**0.36**	**0.24**	**1.93**	**9.19**	**10.73**	**22.71**	**9.68**	

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