RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
13 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	25.59	27.75	29.60	33.08	36.36	2.25	n/a	n/a	0.68	66.99	33.43	100.42	7.97	12.42	
2:00	44.49	47.06	49.00	51.55	53.82	5.80	4.64	n/a	1.09	49.91	28.95	78.86	8.21	12.50	
3:00	54.67	57.64	59.55	62.10	64.83	6.77	4.58	1.38	1.29	40.58	25.03	65.61	8.09	12.32	
4:00	29.21	31.26	32.85	35.00	37.49	1.20	1.37	0.81	0.53	27.71	25.39	53.08	9.98	12.48	
5:00	25.63	27.29	28.59	30.17	32.04	2.40	2.81	1.06	0.63	17.53	29.34	46.87	7.93	12.48	
6:00	23.21	24.72	25.90	27.72	29.51	1.74	2.49	1.01	0.56	25.33	32.78	58.11	8.05	12.48	
7:00	27.98	29.89	31.55	34.37	37.37	2.33	2.22	0.99	0.53	29.39	34.23	63.63	9.05	12.55	
8:00	25.79	28.34	30.76	36.33	43.23	3.54	5.28	n/a	0.84	148.80	50.15	198.96	8.10	12.74	
9:00	36.83	42.41	47.24	71.95	120.49	4.61	9.59	n/a	0.83	122.37	47.63	170.01	8.56	12.50	
10:00	19.35	21.70	24.09	29.01	35.93	2.38	4.34	n/a	0.53	84.37	47.58	131.94	11.32	12.50	
11:00	15.36	17.82	20.27	27.32	39.18	1.59	4.18	n/a	0.42	80.60	49.65	130.25	12.42	12.65	
12:00	14.40	18.87	23.18	39.63	66.80	0.87	2.29	n/a	0.32	32.94	33.85	66.78	22.27	12.67	0.004
13:00	8.07	14.55	21.96	45.41	79.85	0.96	1.78	n/a	0.27	33.04	36.22	69.25	23.75	12.59	
14:00	6.42	10.16	14.49	21.77	31.93	0.56	1.17	n/a	0.24	21.09	28.90	50.00	29.97	12.56	
15:00	5.69	9.27	13.16	22.69	38.81	0.51	1.09	n/a	0.22	12.24	20.11	32.35	35.08	12.56	
16:00	1.92	2.76	3.77	4.60	6.18	0.65	0.97	0.93	0.19	4.90	9.62	14.52	33.54	12.59	
17:00	2.10	2.54	3.08	3.81	5.16	1.44	1.28	0.89	0.28	5.90	10.33	16.22	24.45	12.78	
18:00	2.38	2.64	2.91	3.64	4.79	1.39	1.31	0.84	0.33	5.35	12.43	17.78	17.42	12.87	
19:00	4.13	4.36	4.62	5.03	6.11	1.32	1.25	0.82	0.34	3.79	11.53	15.32	20.74	12.80	
20:00	3.24	3.45	3.75	4.01	4.21	1.13	0.95	0.74	0.29	1.99	8.31	10.20	28.47	12.65	
21:00	3.83	4.15	4.49	5.41	6.30	1.02	0.85	0.72	0.27	1.44	6.88	8.11	32.10	12.60	
22:00	3.20	3.49	3.80	4.55	5.52	0.73	0.71	0.64	0.24	1.48	6.11	7.31	35.69	12.54	
23:00	4.40	4.81	5.21	6.59	8.35	0.83	0.67	0.64	0.23	0.88	5.33	5.73	35.87	12.59	
24:00	6.59	7.12	7.71	9.18	10.60	0.64	0.61	n/a	0.22	1.28	5.26	6.17	36.16	12.62	
Min	**1.92**	**2.54**	**2.91**	**3.64**	**4.21**	**0.51**	**0.61**	**0.64**	**0.19**	**0.88**	**5.26**	**5.73**	**7.93**	**12.32**	
Max	**54.67**	**57.64**	**59.55**	**71.95**	**120.49**	**6.77**	**9.59**	**1.38**	**1.29**	**148.80**	**50.15**	**198.96**	**36.16**	**12.87**	
Medie	**16.44**	**18.50**	**20.48**	**25.62**	**33.54**	**1.94**	**2.45**	**0.88**	**0.47**	**34.16**	**24.96**	**59.06**	**19.80**	**12.59**	

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)	2

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