RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
12 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	1.25	1.55	1.88	2.82	3.75	0.39	0.51	0.72	0.12	2.81	4.71	7.45	32.35	5.22	
2:00	0.56	0.83	1.13	2.30	3.50	0.34	0.57	n/a	0.10	0.96	2.78	3.58	33.01	5.31	
3:00	0.85	1.30	1.78	3.49	5.09	0.39	0.58	0.70	0.13	3.31	7.18	10.46	31.29	5.18	
4:00	0.51	0.84	1.22	2.52	3.83	0.26	0.40	0.70	0.10	5.35	5.45	10.72	34.62	5.33	
5:00	0.72	1.08	1.57	2.81	3.91	0.30	0.44	n/a	0.10	2.45	4.87	7.27	35.09	5.27	
6:00	0.84	1.24	1.67	3.33	4.94	0.38	0.57	0.71	0.14	12.47	14.83	27.30	28.03	5.26	
7:00	3.03	3.99	5.09	9.39	17.01	1.07	1.05	n/a	0.22	24.44	26.05	50.49	25.44	5.31	
8:00	4.77	6.43	8.04	17.38	34.12	0.80	1.16	0.95	0.21	20.77	24.97	45.74	26.12	5.32	
9:00	4.66	6.39	8.29	16.10	26.94	0.69	1.54	n/a	0.16	14.95	16.24	31.19	29.57	5.34	
10:00	4.57	6.14	7.93	14.79	23.79	0.49	0.69	n/a	0.15	13.40	10.88	24.29	30.00	5.25	
11:00	4.46	5.70	7.17	12.04	20.05	0.42	1.53	1.15	0.14	8.16	8.93	17.08	32.73	5.34	
12:00	4.46	5.82	7.32	13.04	23.00	0.57	0.84	n/a	0.14	7.80	9.50	17.30	36.45	5.29	0.003
13:00	4.70	5.74	6.80	10.98	16.94	0.37	0.62	n/a	0.13	9.52	8.31	17.83	38.66	5.21	
14:00	3.20	4.19	5.19	9.62	15.71	0.33	0.63	n/a	0.12	14.81	12.12	26.93	43.35	5.23	
15:00	2.75	3.40	4.10	6.36	9.22	0.75	n/a	n/a	0.11	10.44	10.10	20.46	47.25	5.20	
16:00	4.35	5.52	6.68	11.67	19.57	0.43	0.89	0.86	0.14	19.38	22.88	42.26	38.14	5.23	
17:00	4.42	5.48	6.61	10.76	18.21	0.57	0.93	0.85	0.15	11.38	21.76	33.14	36.11	5.31	
18:00	7.75	9.42	11.10	18.14	28.63	0.83	1.53	0.92	0.28	15.72	30.12	45.85	29.91	5.40	
19:00	19.85	21.84	23.77	31.36	41.64	2.15	2.36	1.11	0.47	18.06	36.98	55.03	21.94	5.40	
20:00	7.74	8.89	10.10	14.41	19.52	0.57	0.83	0.78	0.20	7.47	22.94	30.40	25.92	5.28	
21:00	4.38	5.16	5.78	8.87	13.83	0.50	0.51	n/a	0.16	0.74	7.37	7.83	41.37	5.27	
22:00	3.91	4.70	5.35	7.59	10.91	0.34	0.42	n/a	0.11	0.57	5.32	5.70	43.62	5.30	
23:00	3.57	4.30	4.98	6.79	8.69	0.33	0.38	n/a	0.11	0.59	4.16	4.54	43.65	5.36	
24:00	3.87	4.68	5.42	7.16	8.97	0.31	0.41	0.57	0.11	0.52	5.55	5.84	43.56	5.34	
Min	**0.51**	**0.83**	**1.13**	**2.30**	**3.50**	**0.26**	**0.38**	**0.57**	**0.10**	**0.52**	**2.78**	**3.58**	**21.94**	**5.18**	
Max	**19.85**	**21.84**	**23.77**	**31.36**	**41.64**	**2.15**	**2.36**	**1.15**	**0.47**	**24.44**	**36.98**	**55.03**	**47.25**	**5.40**	
Medie	**4.22**	**5.19**	**6.21**	**10.16**	**15.91**	**0.57**	**0.84**	**0.84**	**0.16**	**9.42**	**13.50**	**22.86**	**34.51**	**5.29**	

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