RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
2 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	4.86	5.37	5.95	6.69	7.29	0.48	0.48	0.30	0.21	0.82	4.20	4.39	29.43	9.65	
2:00	4.86	5.33	5.84	6.64	7.18	0.49	0.46	n/a	0.21	0.85	5.36	5.44	27.24	9.72	
3:00	4.76	5.19	5.69	6.21	6.56	0.47	0.45	n/a	0.19	3.36	5.56	8.29	26.70	9.71	
4:00	4.33	4.71	5.08	5.77	6.79	0.45	n/a	n/a	0.19	1.55	4.52	5.30	27.55	9.73	
5:00	4.03	4.43	4.84	5.65	6.46	0.43	0.36	n/a	0.18	0.64	4.21	3.93	29.53	9.74	
6:00	4.15	4.50	4.86	5.29	5.67	0.43	0.34	n/a	0.19	0.61	4.38	4.22	29.45	9.85	
7:00	4.25	4.59	4.89	5.53	6.18	0.46	0.36	n/a	0.19	1.05	6.11	6.59	27.85	9.75	
8:00	4.64	5.05	5.47	6.29	7.20	0.49	0.40	n/a	0.20	1.27	7.19	8.12	27.36	9.76	
9:00	4.74	5.17	5.53	6.61	7.76	0.58	0.53	n/a	0.20	1.08	7.92	8.75	28.11	9.82	
10:00	4.42	4.86	5.29	6.07	6.92	0.45	0.41	n/a	0.20	1.81	6.79	8.17	30.15	9.83	
11:00	4.66	5.13	5.55	6.77	8.01	0.54	0.50	n/a	0.20	0.98	5.93	6.57	31.63	9.80	
12:00	3.91	4.41	4.95	5.80	6.39	0.44	0.32	n/a	0.18	0.99	5.66	6.28	33.46	9.83	0.002
13:00	7.52	8.00	8.48	9.06	9.64	0.57	0.61	n/a	0.21	2.58	7.07	9.37	31.81	9.84	
14:00	5.66	6.13	6.58	7.51	8.30	0.45	0.37	n/a	0.21	1.16	4.87	5.70	35.71	9.99	
15:00	5.34	5.77	6.22	6.92	7.43	0.40	0.35	0.27	0.20	0.75	5.00	5.32	37.79	9.93	
16:00	5.03	5.52	6.03	6.80	7.64	0.48	0.69	n/a	0.22	1.39	7.00	7.92	36.05	9.88	
17:00	8.63	9.11	9.53	10.50	12.26	2.61	1.00	n/a	0.28	2.18	8.57	10.42	33.86	9.87	
18:00	6.99	7.46	7.91	8.55	10.00	0.87	0.57	n/a	0.24	1.83	8.51	9.80	33.00	9.84	
19:00	7.27	7.74	8.20	8.85	9.36	1.07	0.57	n/a	0.26	1.41	8.20	9.19	31.68	9.92	
20:00	8.34	8.81	9.29	10.05	10.90	0.81	0.51	n/a	0.25	0.81	6.74	6.91	32.28	9.82	
21:00	10.19	10.68	11.14	11.86	12.55	0.89	0.57	n/a	0.28	0.82	7.77	8.28	28.22	9.93	
22:00	7.45	7.91	8.40	8.92	9.32	0.66	0.46	n/a	0.24	2.56	6.67	8.59	29.83	9.95	
23:00	8.49	9.10	9.75	10.69	11.41	0.65	0.49	n/a	0.24	0.53	7.98	7.78	27.04	9.87	
24:00	8.67	9.40	10.23	10.98	12.33	0.48	0.38	n/a	0.20	0.42	4.78	4.16	38.27	9.93	
Min	**3.91**	**4.41**	**4.84**	**5.29**	**5.67**	**0.40**	**0.32**	**0.27**	**0.18**	**0.42**	**4.20**	**3.93**	**26.70**	**9.65**	
Max	**10.19**	**10.68**	**11.14**	**11.86**	**12.55**	**2.61**	**1.00**	**0.30**	**0.28**	**3.36**	**8.57**	**10.42**	**38.27**	**9.99**	
Medie	**5.97**	**6.43**	**6.90**	**7.67**	**8.48**	**0.65**	**0.49**	**0.28**	**0.22**	**1.31**	**6.29**	**7.06**	**31.00**	**9.83**	

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