RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
14 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	5.13	5.61	6.14	7.66	9.35	0.49	0.53	n/a	0.20	0.48	4.28	3.89	37.86	12.54	
2:00	4.89	5.39	5.91	7.39	8.67	0.46	0.47	n/a	0.20	0.75	4.08	4.06	38.34	12.51	
3:00	5.25	5.81	6.41	7.40	8.54	0.43	0.48	n/a	0.20	0.62	4.10	4.03	39.75	12.46	
4:00	4.40	5.04	5.65	6.85	7.84	0.46	0.45	n/a	0.20	0.60	5.16	4.77	38.77	12.42	
5:00	5.27	6.24	7.27	9.48	11.59	0.51	0.46	n/a	0.20	1.94	5.93	7.15	37.55	12.44	
6:00	6.65	7.68	8.69	10.83	13.24	0.42	n/a	n/a	0.20	0.73	5.61	5.63	36.72	12.53	
7:00	5.85	7.06	8.15	11.10	15.18	0.67	0.58	n/a	0.22	2.42	8.77	10.81	34.45	12.55	
8:00	8.19	9.74	11.08	15.48	20.49	0.93	1.40	n/a	0.28	6.50	14.75	21.17	31.69	12.37	
9:00	10.53	12.14	13.65	18.70	25.59	0.83	0.90	n/a	0.29	14.66	26.68	41.29	23.34	12.52	
10:00	8.81	11.44	13.95	24.19	37.99	1.10	1.29	n/a	0.33	36.01	29.58	65.60	24.28	12.55	
11:00	7.33	9.43	11.43	17.69	26.16	0.81	1.24	0.60	0.27	17.17	17.92	35.10	31.88	12.62	
12:00	7.94	9.70	11.40	15.19	21.53	0.48	0.64	0.43	0.22	13.15	15.48	28.52	39.84	12.80	0.005
13:00	5.45	6.67	7.66	9.38	10.90	0.39	0.40	0.35	0.18	3.90	7.25	10.96	47.10	12.76	
14:00	4.23	5.33	6.22	8.10	10.55	0.35	0.49	0.38	0.18	2.82	5.91	8.22	49.84	12.82	
15:00	4.14	5.11	5.95	7.58	10.28	0.39	0.43	n/a	0.18	2.32	6.61	8.56	49.03	12.77	
16:00	5.38	6.42	7.36	8.93	10.85	0.56	0.45	0.34	0.18	1.23	6.88	7.26	49.71	12.54	
17:00	7.56	8.64	9.46	11.13	13.80	0.74	0.72	0.39	0.23	0.81	10.15	9.96	45.78	12.62	
18:00	22.42	24.58	26.40	30.91	37.99	2.44	1.97	0.54	0.60	10.24	34.30	44.32	28.37	12.69	
19:00	116.91	124.23	128.14	139.27	156.70	8.87	4.08	n/a	1.54	15.77	44.58	60.36	16.49	12.76	
20:00	103.43	108.03	111.30	122.44	137.13	12.42	4.93	n/a	1.67	24.05	45.03	69.09	12.67	12.67	
21:00	54.14	56.96	58.87	64.28	70.40	2.88	2.14	n/a	0.68	16.06	41.93	58.00	14.90	12.56	
22:00	62.50	64.68	66.15	70.10	74.95	3.06	1.87	0.64	0.74	16.67	38.56	55.23	11.35	12.82	
23:00	27.15	28.71	29.81	33.05	36.89	2.25	1.40	0.46	0.55	5.66	29.43	35.10	11.16	12.78	
24:00	27.55	29.24	30.33	34.52	39.93	2.32	1.56	0.51	0.57	7.89	26.33	34.22	11.69	12.78	
Min	**4.14**	**5.04**	**5.65**	**6.85**	**7.84**	**0.35**	**0.40**	**0.34**	**0.18**	**0.48**	**4.08**	**3.89**	**11.16**	**12.37**	
Max	**116.91**	**124.23**	**128.14**	**139.27**	**156.70**	**12.42**	**4.93**	**0.64**	**1.67**	**36.01**	**45.03**	**69.09**	**49.84**	**12.82**	
Medie	**21.71**	**23.49**	**24.89**	**28.82**	**34.02**	**1.84**	**1.26**	**0.46**	**0.42**	**8.44**	**18.30**	**26.39**	**31.77**	**12.62**	

Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020

Particule in suspensie (PM2,5)	3
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	2

Indice zilnic general	3

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