RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
15 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	12.85	13.99	15.05	17.16	20.30	0.92	n/a	n/a	0.21	9.27	24.97	34.22	13.74	5.56	
2:00	12.16	13.07	13.87	16.19	19.55	0.91	0.83	n/a	0.21	23.64	29.50	53.14	8.26	5.51	
3:00	14.19	15.35	16.36	18.19	20.39	0.94	0.85	n/a	0.23	35.75	24.49	60.23	8.08	5.51	
4:00	12.94	13.98	14.93	17.87	22.10	0.93	1.05	n/a	0.22	49.48	25.00	74.48	7.94	5.59	
5:00	12.10	13.07	13.92	16.79	20.12	0.75	0.70	n/a	0.20	40.79	22.42	63.21	7.84	5.53	
6:00	11.24	12.14	13.02	15.26	18.37	0.74	0.69	n/a	0.20	70.06	23.48	93.53	7.85	5.62	
7:00	11.29	12.43	13.57	17.20	22.35	0.82	0.81	n/a	0.21	100.12	25.41	125.52	7.90	5.63	
8:00	12.05	13.34	14.63	19.04	24.62	0.79	0.79	0.37	0.22	107.07	26.86	133.93	8.28	5.90	
9:00	15.02	16.85	18.42	25.35	36.23	1.22	1.04	0.38	0.24	74.30	27.08	101.38	8.94	5.89	
10:00	14.80	16.68	18.30	26.24	37.60	1.40	1.46	n/a	0.27	52.58	28.76	81.34	12.40	5.40	
11:00	11.95	14.07	15.94	25.01	40.62	0.90	1.63	0.64	0.21	31.65	24.73	56.38	24.64	5.59	
12:00	7.84	8.91	9.78	14.55	22.14	0.42	0.65	n/a	0.15	9.24	11.58	20.83	39.40	5.70	0.003
13:00	7.81	8.74	9.48	12.64	17.81	0.38	0.61	n/a	0.14	6.78	9.97	16.74	44.00	5.67	
14:00	6.98	8.16	8.99	14.17	23.01	0.47	0.63	0.47	0.17	9.48	17.97	27.44	41.13	5.70	
15:00	9.74	11.19	12.44	17.62	23.98	0.56	0.72	0.49	0.18	8.44	15.66	24.10	40.63	5.77	
16:00	5.76	6.95	8.06	11.55	15.94	0.38	0.44	0.40	0.14	3.54	13.49	17.02	43.95	5.72	
17:00	7.23	8.66	10.02	14.52	20.73	0.84	0.87	n/a	0.20	10.82	33.98	44.80	28.73	5.85	
18:00	16.02	18.40	20.38	26.79	35.07	1.36	1.43	n/a	0.33	19.94	37.48	57.42	24.77	5.74	
19:00	18.68	21.27	23.31	27.89	34.10	1.38	1.65	n/a	0.33	16.05	30.52	46.55	27.24	5.73	
20:00	13.69	15.85	17.79	22.70	28.33	1.67	0.95	n/a	0.33	13.15	25.12	38.26	31.62	5.82	
21:00	16.88	18.96	20.79	25.91	32.70	1.57	1.20	0.51	0.35	4.38	23.40	27.75	29.71	5.66	
22:00	14.20	16.10	17.52	21.68	27.04	1.13	1.16	n/a	0.34	12.47	31.07	43.53	23.92	5.79	
23:00	14.19	16.13	17.50	21.10	27.07	1.47	0.99	0.50	0.28	6.53	25.81	32.33	25.65	5.66	
24:00	11.03	12.71	13.94	16.50	21.56	0.73	0.85	n/a	0.24	5.32	21.01	26.32	27.88	5.73	
Min	**5.76**	**6.95**	**8.06**	**11.55**	**15.94**	**0.38**	**0.44**	**0.37**	**0.14**	**3.54**	**9.97**	**16.74**	**7.84**	**5.40**	
Max	**18.68**	**21.27**	**23.31**	**27.89**	**40.62**	**1.67**	**1.65**	**0.64**	**0.35**	**107.07**	**37.48**	**133.93**	**44.00**	**5.90**	
Medie	**12.11**	**13.63**	**14.92**	**19.25**	**25.49**	**0.95**	**0.96**	**0.47**	**0.23**	**30.04**	**24.16**	**54.19**	**22.69**	**5.68**	

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

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

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