RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
18 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	8.25	8.94	9.44	10.19	11.10	0.54	0.56	n/a	0.16	2.30	7.08	9.39	32.52	5.97	
2:00	8.33	9.16	9.83	11.02	12.63	0.52	0.51	n/a	0.16	1.32	5.50	6.77	33.83	6.03	
3:00	7.40	8.12	8.76	9.53	11.01	0.49	0.54	n/a	0.15	1.55	5.65	7.11	30.57	6.06	
4:00	6.98	7.66	8.35	8.83	9.42	0.47	0.53	0.34	0.14	1.76	6.06	7.80	27.96	6.09	
5:00	7.25	8.04	8.77	9.83	10.91	0.50	0.55	n/a	0.16	3.05	5.91	8.93	27.93	6.12	
6:00	6.65	7.37	8.02	9.38	11.16	0.44	0.48	0.34	0.14	2.56	5.80	8.32	30.23	6.09	
7:00	7.80	8.57	9.30	10.93	13.23	0.74	0.58	n/a	0.16	2.62	6.23	8.84	27.90	6.12	
8:00	6.70	7.69	8.63	10.84	13.32	0.71	0.80	n/a	0.17	5.85	7.40	13.25	29.15	6.13	
9:00	8.04	9.18	10.20	12.94	16.45	0.88	0.59	0.39	0.16	6.27	9.14	15.41	32.01	6.23	
10:00	8.42	9.55	10.69	12.67	15.11	0.66	0.61	n/a	0.16	4.98	7.57	12.55	33.33	6.22	
11:00	8.42	9.50	10.55	12.53	15.10	0.51	0.50	n/a	0.15	4.49	6.20	10.70	35.44	6.12	
12:00	9.94	10.96	11.78	13.95	17.97	0.61	0.60	0.37	0.16	4.14	5.76	9.89	37.24	6.11	0.003
13:00	11.70	12.94	13.87	16.22	19.38	0.64	0.58	0.41	0.16	4.01	6.79	10.80	36.70	6.25	
14:00	11.53	12.64	13.54	15.23	17.27	0.65	0.46	n/a	0.16	4.48	6.09	10.57	35.95	6.27	
15:00	11.18	12.42	13.53	15.91	18.87	0.68	0.61	0.40	0.18	5.93	7.36	13.28	35.19	6.10	
16:00	11.42	12.79	13.95	16.65	19.84	0.66	n/a	n/a	0.17	3.03	5.63	8.65	35.80	6.12	
17:00	12.00	13.46	14.79	17.39	21.37	1.01	0.69	n/a	0.20	4.06	8.26	12.31	35.33	6.24	
18:00	10.94	12.45	13.81	17.48	22.75	1.20	0.69	0.42	0.21	3.96	9.17	13.14	35.72	6.07	
19:00	11.41	13.07	14.61	17.97	21.68	0.97	0.70	0.45	0.21	3.35	8.69	12.04	36.22	6.25	
20:00	8.93	10.40	11.94	15.23	18.74	0.59	0.52	n/a	0.18	3.89	8.42	12.30	36.50	6.22	
21:00	8.69	10.37	12.20	16.28	20.77	0.69	0.56	0.43	0.20	3.24	9.68	12.90	34.93	6.22	
22:00	14.40	16.20	17.86	20.83	23.82	0.80	0.99	0.47	0.25	2.24	15.77	17.97	21.95	6.31	
23:00	13.73	15.33	16.78	20.60	25.29	0.97	0.85	n/a	0.25	3.10	14.16	17.24	22.41	6.26	
24:00	12.35	13.74	15.26	17.99	20.86	0.81	0.78	0.43	0.23	3.63	13.24	16.84	20.92	6.19	
Min	**6.65**	**7.37**	**8.02**	**8.83**	**9.42**	**0.44**	**0.46**	**0.34**	**0.14**	**1.32**	**5.50**	**6.77**	**20.92**	**5.97**	
Max	**14.40**	**16.20**	**17.86**	**20.83**	**25.29**	**1.20**	**0.99**	**0.47**	**0.25**	**6.27**	**15.77**	**17.97**	**37.24**	**6.31**	
Medie	**9.69**	**10.86**	**11.94**	**14.18**	**17.00**	**0.70**	**0.62**	**0.40**	**0.18**	**3.58**	**7.98**	**11.54**	**31.91**	**6.16**	

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