RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
27 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	3.70	4.31	4.75	6.00	6.96	0.52	0.46	n/a	0.15	1.56	4.78	6.32	37.70	7.93	
2:00	3.02	3.60	4.06	4.98	5.76	0.37	0.36	n/a	0.13	1.31	3.74	5.03	37.08	7.97	
3:00	2.63	3.13	3.51	4.35	5.28	0.32	n/a	n/a	0.13	2.22	4.41	6.60	35.43	7.98	
4:00	2.79	3.41	4.00	5.15	6.48	0.34	0.35	n/a	0.13	3.80	8.37	12.17	31.53	7.97	
5:00	3.04	3.80	4.50	6.55	9.20	0.33	0.36	n/a	0.14	6.94	11.16	18.08	28.79	7.97	
6:00	5.46	6.43	7.42	9.20	11.39	0.45	0.57	0.27	0.17	6.99	17.48	24.47	22.40	8.05	
7:00	8.19	9.34	10.38	13.54	17.45	0.72	0.85	n/a	0.21	29.13	28.86	57.98	13.16	8.08	
8:00	9.27	10.49	11.62	14.30	17.35	1.06	1.80	n/a	0.30	53.66	34.44	88.10	11.03	8.15	
9:00	8.93	10.25	11.52	13.82	16.17	0.96	0.76	0.32	0.22	17.84	23.59	41.42	14.30	8.19	
10:00	11.29	12.79	14.21	16.92	20.02	1.21	2.19	n/a	0.28	20.77	24.05	44.81	16.39	8.14	
11:00	11.17	12.43	13.71	15.46	17.68	1.10	0.89	0.33	0.29	11.29	20.39	31.69	19.54	8.19	
12:00	8.41	9.15	9.79	11.20	12.65	1.09	1.49	0.55	0.23	26.86	20.10	46.96	22.79	8.27	0.003
13:00	3.35	3.59	3.82	4.51	5.64	0.61	0.51	n/a	0.15	2.71	3.93	6.63	32.06	8.14	
14:00	5.23	5.55	5.80	6.29	6.82	0.55	0.48	0.27	0.17	1.47	3.76	5.21	35.01	8.29	
15:00	4.33	4.75	5.10	7.02	9.73	0.49	0.44	0.26	0.16	1.38	5.69	7.06	32.73	8.25	
16:00	10.57	11.11	11.64	13.64	16.25	1.05	0.93	n/a	0.36	4.64	15.59	20.22	26.43	8.27	
17:00	9.49	10.00	10.52	11.98	13.86	0.90	0.78	0.33	0.27	3.42	21.78	25.19	20.89	8.26	
18:00	12.01	12.90	13.37	15.28	17.49	1.50	0.98	0.35	0.29	2.20	20.44	22.64	17.76	8.19	
19:00	6.83	7.34	7.82	9.13	10.30	0.80	0.73	0.34	0.26	7.15	20.58	27.73	18.73	8.24	
20:00	6.94	7.45	8.01	9.23	10.41	1.02	0.91	0.36	0.26	12.36	19.41	31.75	17.04	8.20	
21:00	8.80	9.44	10.09	11.86	14.18	0.85	0.69	0.33	0.28	15.21	23.74	38.91	13.43	8.31	
22:00	16.99	18.40	19.73	23.35	28.64	1.52	1.15	0.48	0.39	16.35	26.70	43.06	11.11	8.36	
23:00	20.35	21.63	22.68	25.73	29.01	2.14	1.73	0.54	0.50	21.37	30.00	51.37	9.39	8.33	
24:00	20.96	22.48	23.77	27.79	34.11	1.65	1.41	0.50	0.46	23.29	32.76	56.04	9.42	8.38	
Min	**2.63**	**3.13**	**3.51**	**4.35**	**5.28**	**0.32**	**0.35**	**0.26**	**0.13**	**1.31**	**3.74**	**5.03**	**9.39**	**7.93**	
Max	**20.96**	**22.48**	**23.77**	**27.79**	**34.11**	**2.14**	**2.19**	**0.55**	**0.50**	**53.66**	**34.44**	**88.10**	**37.70**	**8.38**	
Medie	**8.49**	**9.32**	**10.08**	**11.97**	**14.28**	**0.90**	**0.90**	**0.37**	**0.25**	**12.25**	**17.74**	**29.98**	**22.26**	**8.17**	

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