RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
25 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	23.73	25.11	26.10	29.03	33.68	2.32	1.57	0.56	0.46	21.19	24.08	45.28	7.19	7.65	
2:00	31.23	33.04	33.97	36.85	40.06	7.99	3.15	0.74	0.44	9.94	20.00	29.93	8.27	7.77	
3:00	19.98	21.09	21.88	24.25	27.41	1.68	1.16	0.41	0.36	12.26	17.12	29.38	7.81	7.74	
4:00	18.43	19.48	20.30	22.44	25.64	1.58	1.06	0.44	0.34	9.85	16.02	25.87	7.94	7.71	
5:00	16.12	16.99	17.67	19.15	20.93	1.45	1.01	0.39	0.30	7.85	13.97	21.82	8.12	7.73	
6:00	18.34	19.10	19.57	21.28	23.28	2.26	1.39	0.45	0.53	14.70	17.86	32.56	8.39	7.80	
7:00	29.88	30.78	31.40	33.20	35.47	1.88	1.45	0.43	0.51	23.12	14.85	37.97	8.33	7.73	
8:00	25.82	26.64	27.27	28.83	30.95	1.58	1.34	0.39	0.36	29.76	12.50	42.27	8.02	7.77	
9:00	12.93	13.57	14.01	15.81	17.89	1.34	1.14	0.39	0.28	33.28	9.96	43.23	8.88	7.78	
10:00	15.09	15.96	16.63	19.32	22.92	1.26	1.17	n/a	0.30	25.38	11.26	36.64	12.87	7.85	
11:00	18.54	19.53	20.34	22.67	27.51	1.64	1.27	0.41	0.33	27.66	14.43	42.08	18.72	7.68	
12:00	15.87	16.83	17.56	20.77	25.51	0.97	0.87	0.35	0.25	20.14	13.82	33.96	27.68	7.70	0.006
13:00	17.33	18.29	19.08	22.16	26.60	0.93	0.81	0.33	0.24	21.88	20.86	42.74	30.22	7.83	
14:00	15.02	15.92	16.66	19.82	24.93	0.84	0.78	n/a	0.23	15.99	17.00	32.98	32.82	7.77	
15:00	11.95	12.86	13.67	16.90	21.80	1.16	1.14	n/a	0.22	16.31	15.53	31.83	31.40	7.74	
16:00	11.01	11.92	12.85	15.66	20.31	1.05	1.24	n/a	0.24	19.64	18.76	38.41	29.57	7.82	
17:00	11.60	12.76	13.78	18.52	25.54	1.15	1.46	n/a	0.27	22.51	28.36	50.87	24.90	7.75	
18:00	46.18	49.48	52.05	63.15	78.20	5.30	4.14	1.01	0.68	27.94	45.38	73.31	14.79	7.94	
19:00	78.56	82.99	85.97	97.87	113.54	10.10	4.26	1.07	1.17	19.45	43.68	63.13	11.79	8.01	
20:00	123.22	129.23	132.46	142.82	155.78	15.03	6.50	1.49	1.64	34.99	44.65	79.64	10.36	8.01	
21:00	136.40	142.51	145.83	155.06	164.69	7.00	4.06	1.05	1.68	55.49	40.82	96.30	8.89	8.02	
22:00	43.86	46.15	47.73	52.48	57.53	2.73	n/a	n/a	0.55	74.86	37.61	112.47	7.35	7.99	
23:00	53.08	55.71	57.54	63.06	69.75	3.07	2.10	n/a	0.96	68.89	33.03	101.93	7.79	7.91	
24:00	71.65	74.83	77.03	83.03	90.82	5.69	3.51	n/a	1.15	60.05	28.76	88.82	7.79	7.89	
Min	**11.01**	**11.92**	**12.85**	**15.66**	**17.89**	**0.84**	**0.78**	**0.33**	**0.22**	**7.85**	**9.96**	**21.82**	**7.19**	**7.65**	
Max	**136.40**	**142.51**	**145.83**	**155.06**	**164.69**	**15.03**	**6.50**	**1.49**	**1.68**	**74.86**	**45.38**	**112.47**	**32.82**	**8.02**	
Medie	**36.08**	**37.95**	**39.22**	**43.51**	**49.20**	**3.33**	**2.03**	**0.62**	**0.56**	**28.05**	**23.35**	**51.39**	**14.58**	**7.82**	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	3

Indice zilnic general	4

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