RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
16 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	9.02	10.71	11.95	15.24	20.08	0.63	0.64	n/a	0.19	3.91	22.62	26.51	24.31	5.78	
2:00	9.20	11.05	12.50	15.95	20.22	0.57	0.60	n/a	0.18	1.86	17.39	19.13	23.89	5.66	
3:00	10.24	12.00	13.31	16.38	20.95	0.56	0.59	n/a	0.18	11.23	22.55	33.76	19.52	5.63	
4:00	8.76	10.33	11.51	14.05	18.21	0.54	0.60	n/a	0.17	4.14	20.87	25.01	18.30	5.60	
5:00	9.86	11.83	13.41	16.96	22.67	0.61	0.72	n/a	0.19	12.77	22.22	35.00	18.26	5.69	
6:00	8.91	10.80	12.41	15.65	19.32	0.57	n/a	n/a	0.23	17.58	28.50	46.08	16.19	5.63	
7:00	11.49	13.89	15.77	22.29	30.89	0.91	1.19	n/a	0.28	34.21	36.76	70.97	9.92	5.71	
8:00	16.38	19.96	23.30	34.13	47.95	1.17	1.85	n/a	0.47	53.21	40.68	93.89	11.52	5.76	
9:00	14.83	18.43	21.47	33.01	49.73	1.09	1.53	n/a	0.29	58.83	36.50	95.33	11.93	5.78	
10:00	16.85	21.14	24.85	40.20	63.67	1.33	1.86	0.67	0.30	68.33	33.55	101.88	15.90	5.89	
11:00	13.21	16.10	18.38	27.08	43.08	0.64	0.84	n/a	0.18	25.79	21.18	46.97	27.31	5.88	
12:00	6.70	8.37	9.61	14.31	21.66	0.36	0.64	n/a	0.14	15.62	16.37	31.98	38.12	5.73	0.004
13:00	3.80	4.81	5.55	8.32	12.47	0.31	0.35	n/a	0.12	13.77	10.28	24.01	42.35	5.71	
14:00	3.00	3.91	4.72	6.91	10.86	0.36	1.04	n/a	0.12	8.92	10.64	19.54	41.63	5.68	
15:00	3.42	4.38	5.13	8.16	14.30	0.39	0.85	n/a	0.13	11.78	15.45	27.21	39.82	5.65	
16:00	4.44	5.60	6.46	10.27	15.72	0.55	0.81	n/a	0.14	16.20	20.29	36.46	37.34	5.74	
17:00	8.60	10.18	11.38	17.19	25.80	0.76	1.12	0.43	0.25	18.03	24.86	42.89	34.23	5.82	
18:00	24.20	26.99	28.97	39.02	55.16	5.66	3.33	n/a	0.50	19.22	35.38	54.60	25.99	5.96	
19:00	32.83	34.65	35.68	41.76	49.76	1.63	1.14	n/a	0.44	23.30	43.22	66.51	16.13	5.78	
20:00	19.83	21.35	22.40	26.15	31.58	1.97	1.31	0.54	0.45	20.29	46.67	66.97	12.90	5.91	
21:00	16.31	17.85	18.95	22.59	27.10	1.40	1.40	0.57	0.40	20.32	43.36	63.68	10.08	5.89	
22:00	21.35	23.11	24.50	28.01	34.16	2.53	1.74	0.58	0.42	17.82	39.33	57.15	10.60	5.88	
23:00	25.58	27.58	29.11	33.30	39.10	3.44	1.99	0.66	0.52	26.27	37.78	64.05	11.54	5.95	
24:00	20.37	21.88	22.91	26.24	30.04	1.56	1.79	n/a	0.41	1.88	17.35	19.21	21.48	5.93	
Min	**3.00**	**3.91**	**4.72**	**6.91**	**10.86**	**0.31**	**0.35**	**0.43**	**0.12**	**1.86**	**10.28**	**19.13**	**9.92**	**5.60**	
Max	**32.83**	**34.65**	**35.68**	**41.76**	**63.67**	**5.66**	**3.33**	**0.67**	**0.52**	**68.33**	**46.67**	**101.88**	**42.35**	**5.96**	
Medie	**13.30**	**15.29**	**16.84**	**22.22**	**30.19**	**1.23**	**1.21**	**0.58**	**0.28**	**21.05**	**27.66**	**48.70**	**22.47**	**5.78**	

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

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

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