RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
11 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	17.41	19.75	21.78	30.45	41.61	1.32	1.27	0.81	0.25	1.82	24.66	26.48	19.00	4.99	
2:00	15.86	18.12	20.12	28.55	39.26	1.07	1.06	n/a	0.22	1.38	21.32	22.67	19.33	5.04	
3:00	14.43	16.39	18.21	24.52	33.34	1.14	1.06	n/a	0.20	1.14	18.86	19.97	20.75	4.86	
4:00	13.46	15.62	17.55	25.60	35.48	0.91	1.08	n/a	0.19	1.74	17.50	19.21	19.75	4.96	
5:00	13.39	15.29	17.28	22.15	27.98	0.98	2.78	0.80	0.18	1.85	16.34	18.16	17.19	5.02	
6:00	12.75	14.45	16.24	20.46	25.07	1.10	1.68	0.74	0.19	4.21	19.98	24.17	14.51	4.94	
7:00	18.30	20.37	22.40	27.51	33.35	2.24	2.40	0.87	0.29	12.98	21.68	34.65	13.05	4.97	
8:00	17.67	20.11	22.65	29.74	39.15	1.56	1.95	n/a	0.32	20.18	21.40	41.59	10.69	5.04	
9:00	18.26	20.71	23.17	29.51	38.08	1.21	1.55	0.75	0.28	25.62	24.31	49.94	12.58	4.96	
10:00	14.03	15.96	17.80	23.60	29.67	1.00	n/a	n/a	0.26	12.75	18.29	31.04	20.60	4.93	
11:00	12.21	14.11	16.07	21.84	29.25	0.67	0.85	n/a	0.18	8.18	14.90	23.08	32.91	4.97	
12:00	14.91	17.07	19.28	25.23	33.12	0.71	0.91	n/a	0.17	7.62	13.72	21.33	36.76	4.99	0.005
13:00	10.98	13.01	15.24	20.70	26.79	1.17	0.98	n/a	0.17	7.66	12.27	19.93	44.88	5.04	
14:00	9.57	11.66	13.88	20.39	28.46	1.06	0.94	n/a	0.14	4.16	10.33	14.46	47.80	5.07	
15:00	12.20	14.87	17.92	24.61	33.01	1.21	1.10	n/a	0.20	6.70	18.68	25.38	42.86	5.08	
16:00	13.82	16.99	20.56	26.49	33.30	0.71	0.79	n/a	0.19	5.18	17.19	22.37	38.45	5.16	
17:00	8.27	10.17	12.12	15.64	22.36	0.54	0.63	n/a	0.14	3.10	8.63	11.73	38.69	5.18	
18:00	11.12	12.43	13.66	15.11	16.77	1.65	1.00	0.71	0.22	8.00	18.03	26.03	31.34	5.17	
19:00	5.86	6.93	7.92	9.41	11.43	1.72	1.01	n/a	0.20	12.09	24.44	36.53	24.00	5.18	
20:00	2.75	3.11	3.50	4.13	4.70	0.70	0.77	0.74	0.15	4.47	9.73	14.20	25.36	5.17	
21:00	2.82	3.10	3.34	4.05	4.73	0.68	0.65	0.68	0.16	1.71	4.88	6.58	31.74	5.24	
22:00	1.54	1.78	2.02	2.77	3.38	0.55	0.57	0.70	0.14	1.32	4.14	5.40	32.63	5.09	
23:00	1.37	1.66	2.02	2.66	3.13	0.48	1.23	0.71	0.13	1.48	4.30	5.69	31.73	5.30	
24:00	1.22	1.50	1.84	2.70	3.37	0.46	0.58	n/a	0.12	1.10	3.74	4.76	32.93	5.25	
Min	**1.22**	**1.50**	**1.84**	**2.66**	**3.13**	**0.46**	**0.57**	**0.68**	**0.12**	**1.10**	**3.74**	**4.76**	**10.69**	**4.86**	
Max	**18.30**	**20.71**	**23.17**	**30.45**	**41.61**	**2.24**	**2.78**	**0.87**	**0.32**	**25.62**	**24.66**	**49.94**	**47.80**	**5.30**	
Medie	**11.01**	**12.71**	**14.44**	**19.08**	**24.87**	**1.04**	**1.17**	**0.75**	**0.20**	**6.52**	**15.39**	**21.89**	**27.48**	**5.07**	

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