RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
21 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	21.63	23.45	24.90	29.62	35.67	2.19	1.63	n/a	0.35	46.36	30.18	76.54	7.69	6.90	
2:00	19.48	21.08	22.46	26.56	31.87	1.64	n/a	n/a	0.29	32.31	27.97	60.27	7.64	6.80	
3:00	18.28	19.74	20.94	24.37	28.64	1.43	1.35	n/a	0.27	41.37	25.45	66.82	7.54	6.81	
4:00	17.31	18.74	20.09	23.06	26.75	1.20	1.22	n/a	0.24	54.05	24.97	79.02	7.42	6.89	
5:00	16.53	18.02	19.24	23.21	27.81	1.08	1.20	n/a	0.24	48.73	23.39	72.12	7.57	6.80	
6:00	15.02	16.37	17.53	21.09	26.74	0.99	1.05	n/a	0.21	76.54	21.67	98.22	7.35	6.83	
7:00	14.95	16.57	18.05	22.82	28.21	1.21	1.74	n/a	0.26	100.56	23.19	123.76	7.40	6.83	
8:00	23.85	26.84	29.47	37.28	47.37	1.37	1.77	0.73	0.43	105.27	24.32	129.59	8.24	6.98	
9:00	14.41	15.67	16.72	20.94	26.36	1.34	1.19	n/a	0.22	102.69	22.23	124.91	8.53	7.20	
10:00	15.53	17.09	18.64	23.13	29.64	1.01	1.19	0.50	0.23	47.16	23.43	70.59	14.16	6.84	
11:00	17.44	19.21	20.96	26.47	34.99	1.16	1.74	n/a	0.23	24.56	17.85	42.41	24.09	6.92	
12:00	11.82	12.92	14.02	17.05	21.51	0.73	1.87	n/a	0.16	7.29	8.31	15.59	37.53	6.88	0.005
13:00	9.20	10.18	11.12	13.74	16.81	0.53	0.98	n/a	0.14	3.26	5.78	9.03	43.91	6.81	
14:00	7.19	8.13	9.02	12.59	18.32	0.46	0.87	n/a	0.14	17.52	15.04	32.53	44.70	6.91	
15:00	9.26	10.46	11.44	15.05	20.21	0.80	1.64	n/a	0.14	4.34	7.13	11.44	50.13	6.86	
16:00	9.89	11.32	12.54	18.51	27.84	0.75	0.99	n/a	0.18	15.49	19.08	34.57	46.61	6.99	
17:00	14.77	17.38	19.39	30.02	47.06	1.26	1.96	n/a	0.26	29.59	43.48	73.07	33.99	7.01	
18:00	27.76	32.94	37.23	61.89	99.47	4.01	20.85	n/a	0.67	55.97	68.99	124.96	17.04	7.09	
19:00	82.34	89.53	94.44	120.37	160.66	7.95	5.23	n/a	1.14	20.05	51.58	71.64	17.31	7.02	
20:00	63.86	69.60	73.98	88.53	106.73	5.47	4.80	2.04	0.86	53.54	59.79	113.33	9.78	7.25	
21:00	34.48	38.31	41.55	51.95	67.37	2.60	2.65	0.11	0.56	69.19	54.67	123.85	8.77	7.28	
22:00	26.46	28.93	30.94	37.95	47.42	2.43	2.41	0.95	0.40	28.78	47.12	75.89	8.52	7.08	
23:00	26.33	28.79	30.85	37.84	48.65	2.03	1.68	0.80	0.39	29.40	38.56	67.95	8.35	7.10	
24:00	43.27	49.41	53.68	61.40	69.94	4.14	4.15	1.46	0.59	7.63	28.89	36.52	11.35	7.11	
Min	**7.19**	**8.13**	**9.02**	**12.59**	**16.81**	**0.46**	**0.87**	**0.11**	**0.14**	**3.26**	**5.78**	**9.03**	**7.35**	**6.80**	
Max	**82.34**	**89.53**	**94.44**	**120.37**	**160.66**	**7.95**	**20.85**	**2.04**	**1.14**	**105.27**	**68.99**	**129.59**	**50.13**	**7.28**	
Medie	**23.38**	**25.86**	**27.88**	**35.23**	**45.67**	**1.99**	**2.79**	**0.94**	**0.36**	**42.57**	**29.71**	**72.28**	**18.57**	**6.97**	

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)	2
Particule in suspensie (PM10)	2

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