RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
11 NOIEMBRIE 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	12.89	13.47	13.87	14.24	14.55	1.05	0.91	n/a	0.30	0.52	6.62	6.42	29.28	11.40	
2:00	11.18	11.74	12.19	12.68	13.09	0.97	0.86	n/a	0.29	0.62	5.81	5.75	30.49	11.38	
3:00	8.95	9.43	9.85	10.54	11.14	0.93	0.79	0.36	0.27	0.66	5.73	5.68	31.36	11.42	
4:00	6.19	6.52	6.85	7.13	7.43	0.72	0.76	n/a	0.25	0.62	5.62	5.34	32.77	11.36	
5:00	6.52	6.98	7.48	8.05	8.73	0.94	0.77	0.39	0.25	0.99	5.95	6.29	33.58	11.47	
6:00	3.90	4.25	4.56	5.44	6.18	0.65	0.69	0.38	0.23	1.35	6.95	7.96	33.82	11.42	
7:00	3.61	4.01	4.37	5.39	6.66	0.73	0.72	0.40	0.27	5.27	12.42	17.59	32.84	11.64	
8:00	4.26	6.32	7.95	21.74	47.24	1.32	2.48	0.65	0.36	19.81	25.14	44.95	27.90	11.73	
9:00	7.51	8.04	8.49	10.04	12.25	1.42	1.75	0.78	0.39	18.82	26.06	44.89	27.41	11.88	
10:00	5.63	6.07	6.47	7.77	9.72	1.32	0.98	0.90	0.39	18.48	21.72	40.20	28.01	11.95	
11:00	6.54	8.36	10.06	19.33	33.02	0.89	0.98	0.48	0.33	27.39	20.54	47.94	27.19	12.02	
12:00	18.24	23.79	29.79	51.41	82.50	1.16	1.63	0.70	0.35	50.84	31.70	82.54	17.72	11.86	0.003
13:00	17.36	21.55	25.97	42.55	70.52	1.26	1.39	n/a	0.34	44.26	32.86	77.13	19.51	11.75	
14:00	15.07	19.86	25.06	44.63	73.51	1.03	1.56	0.82	0.35	49.90	36.21	86.11	21.94	12.04	
15:00	11.43	14.31	17.22	29.67	46.63	0.95	1.01	n/a	0.28	31.39	29.87	61.26	28.18	11.89	
16:00	19.47	23.74	28.39	45.16	70.44	2.07	2.47	1.31	0.40	49.35	35.20	84.55	18.02	11.73	
17:00	22.64	27.75	33.46	52.65	79.47	1.82	2.47	0.98	0.45	69.42	44.31	113.73	11.50	11.85	
18:00	23.49	26.19	28.93	38.08	50.26	2.04	2.24	0.79	0.50	48.20	42.15	90.35	11.39	11.83	
19:00	25.08	26.96	28.76	31.43	34.99	1.35	1.12	0.58	0.41	19.62	23.39	42.77	19.15	11.83	
20:00	23.66	24.90	26.04	26.95	28.19	2.01	n/a	n/a	0.39	5.97	21.19	27.01	18.65	11.78	
21:00	28.29	29.54	30.46	31.12	31.94	3.34	2.06	0.79	0.55	16.74	32.30	49.01	12.64	11.77	
22:00	36.55	38.05	39.00	40.32	41.63	3.43	2.14	0.82	0.68	17.38	36.42	53.79	10.22	11.88	
23:00	49.02	51.04	52.12	53.33	55.00	3.41	2.52	1.00	0.81	14.11	33.79	47.87	10.35	11.85	
24:00	46.72	48.98	50.31	51.64	53.59	4.61	2.74	0.83	0.81	6.32	28.05	34.37	11.01	11.87	
Min	**3.61**	**4.01**	**4.37**	**5.39**	**6.18**	**0.65**	**0.69**	**0.36**	**0.23**	**0.52**	**5.62**	**5.34**	**10.22**	**11.36**	
Max	**49.02**	**51.04**	**52.12**	**53.33**	**82.50**	**4.61**	**2.74**	**1.31**	**0.81**	**69.42**	**44.31**	**113.73**	**33.82**	**12.04**	
Medie	**17.26**	**19.24**	**21.15**	**27.55**	**37.03**	**1.64**	**1.52**	**0.72**	**0.40**	**21.58**	**23.75**	**45.15**	**22.71**	**11.73**	

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