RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
6 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	13.59	14.50	15.11	17.40	20.45	0.74	0.59	0.33	0.25	0.39	11.71	10.98	37.70	10.65	
2:00	14.95	15.88	16.61	18.57	22.45	0.78	0.78	0.41	0.25	1.59	21.20	22.24	28.57	10.96	
3:00	16.12	17.18	18.04	20.33	23.43	0.73	0.68	0.31	0.28	2.27	33.73	35.71	15.84	11.03	
4:00	25.38	26.79	27.88	30.01	32.57	1.48	1.48	0.52	0.46	4.36	27.54	31.85	14.62	10.96	
5:00	18.97	20.23	21.21	24.06	27.18	0.89	0.78	0.29	0.30	21.81	37.88	59.70	8.09	10.90	
6:00	18.34	19.62	20.54	23.07	25.52	0.98	0.97	0.33	0.31	14.08	31.98	46.05	9.19	10.87	
7:00	17.43	18.64	19.64	21.74	24.92	0.99	0.92	0.29	0.31	31.36	34.41	65.77	7.44	10.90	
8:00	18.36	19.82	20.95	24.84	29.98	1.16	0.99	0.30	0.31	29.18	29.19	58.38	9.00	10.87	
9:00	21.28	23.12	24.62	28.61	35.45	1.30	1.34	0.41	0.34	49.42	28.77	78.19	10.42	10.94	
10:00	19.44	20.86	22.06	25.49	31.00	1.10	0.97	0.30	0.30	22.85	18.79	41.64	20.30	10.90	
11:00	19.56	21.36	22.95	28.12	35.33	1.02	1.14	n/a	0.31	25.58	18.92	44.50	27.51	11.00	
12:00	17.21	18.40	19.37	21.69	24.64	0.72	0.54	0.24	0.25	5.37	8.02	13.19	39.96	10.73	0.006
13:00	16.15	17.20	18.06	20.31	24.40	0.68	0.52	0.26	0.25	5.81	8.31	13.87	45.12	10.87	
14:00	12.73	13.72	14.57	16.64	19.58	0.89	0.59	0.29	0.24	4.37	6.80	10.73	49.39	10.97	
15:00	11.71	12.57	13.14	15.69	18.07	0.73	0.54	n/a	0.25	3.70	6.93	10.20	50.87	10.81	
16:00	10.80	11.54	12.06	13.51	15.93	0.94	0.50	0.24	0.25	1.86	6.72	7.96	50.99	10.86	
17:00	15.03	16.00	16.75	19.04	22.46	0.90	0.81	n/a	0.29	0.40	8.22	7.88	46.70	10.82	
18:00	35.43	36.93	37.93	40.31	42.99	1.96	1.43	n/a	0.43	3.67	19.69	23.07	36.64	10.88	
19:00	61.60	64.84	67.14	73.39	80.43	7.28	3.55	n/a	1.09	33.37	51.38	84.72	18.51	10.81	
20:00	108.28	118.04	123.35	135.94	152.92	8.01	5.24	1.10	1.54	95.82	60.03	155.85	9.30	10.94	
21:00	239.10	249.72	256.18	271.75	291.50	14.14	6.45	1.43	2.64	59.30	49.50	108.80	10.20	11.18	
22:00	73.59	76.51	78.19	82.95	88.78	3.59	1.89	0.65	0.82	28.03	46.11	74.14	7.36	11.05	
23:00	50.10	52.13	53.51	56.61	61.14	5.10	2.64	0.64	0.85	16.63	35.27	51.90	8.24	11.04	
24:00	41.48	43.26	44.42	47.19	50.47	3.04	1.72	0.48	0.66	13.18	31.57	44.75	8.91	11.00	
Min	**10.80**	**11.54**	**12.06**	**13.51**	**15.93**	**0.68**	**0.50**	**0.24**	**0.24**	**0.39**	**6.72**	**7.88**	**7.36**	**10.65**	
Max	**239.10**	**249.72**	**256.18**	**271.75**	**291.50**	**14.14**	**6.45**	**1.43**	**2.64**	**95.82**	**60.03**	**155.85**	**50.99**	**11.18**	
Medie	**37.36**	**39.54**	**41.01**	**44.89**	**50.07**	**2.46**	**1.54**	**0.46**	**0.54**	**19.77**	**26.36**	**45.92**	**23.79**	**10.91**	

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)	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