RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
8 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	41.10	42.88	44.02	47.27	50.53	3.96	1.96	0.51	0.68	6.26	27.37	33.63	9.21	10.98	
2:00	37.87	39.42	40.45	43.53	47.39	2.44	1.41	0.42	0.62	7.86	26.52	34.37	8.68	10.94	
3:00	35.60	37.00	37.97	39.87	41.85	2.30	1.34	0.39	0.57	4.15	24.79	28.96	9.04	11.05	
4:00	34.54	36.02	37.12	39.00	41.64	2.32	1.29	0.37	0.57	12.84	24.09	36.94	7.60	10.91	
5:00	38.03	39.92	41.21	43.68	46.26	1.91	n/a	n/a	0.52	19.39	24.04	43.45	7.67	10.96	
6:00	31.61	32.98	33.94	36.54	39.74	2.79	1.42	0.37	0.56	19.61	24.74	44.34	7.66	10.93	
7:00	30.13	31.55	32.53	34.47	36.50	1.61	1.15	0.31	0.50	9.95	20.53	30.48	8.35	10.89	
8:00	28.27	29.65	30.73	32.39	34.39	2.09	1.22	0.30	0.69	18.98	20.36	39.34	8.49	10.93	
9:00	35.49	37.34	38.44	41.63	46.41	2.29	1.23	0.31	0.51	22.22	17.94	40.16	10.91	10.98	
10:00	34.88	36.88	38.44	41.89	45.71	2.35	1.35	0.32	0.49	28.45	18.64	47.09	16.01	10.91	
11:00	35.75	37.70	39.22	42.60	47.37	1.90	1.26	0.34	0.45	16.54	17.03	33.56	24.72	11.03	
12:00	28.07	29.58	30.95	33.30	36.55	1.33	1.01	n/a	0.36	12.43	14.67	27.11	31.68	10.82	0.008
13:00	22.19	23.58	24.64	28.22	32.95	1.04	0.84	0.28	0.32	19.30	18.97	38.26	34.18	10.86	
14:00	21.84	23.13	24.15	27.73	32.62	4.30	1.30	0.36	0.33	13.54	17.18	30.72	38.24	11.04	
15:00	18.88	19.85	20.69	22.35	24.71	1.16	0.65	n/a	0.28	2.05	6.66	8.06	47.80	11.05	
16:00	20.92	22.12	23.08	25.86	29.30	1.34	0.71	0.26	0.36	6.45	10.75	16.88	44.87	10.89	
17:00	21.66	23.71	25.38	31.75	41.11	1.37	0.92	n/a	0.41	23.69	32.38	56.07	32.78	11.14	
18:00	66.92	71.76	75.79	87.94	104.77	8.80	5.73	n/a	1.21	56.28	64.84	121.12	13.87	11.21	
19:00	155.05	162.87	167.60	180.32	197.57	12.61	5.32	n/a	1.96	29.29	56.63	85.92	10.52	10.98	
20:00	164.85	172.11	177.01	191.08	206.80	17.05	7.17	1.37	2.18	56.71	55.78	112.49	8.62	10.96	
21:00	83.12	88.38	91.49	98.62	107.64	3.37	1.94	0.65	1.08	68.87	50.89	119.75	7.85	11.24	
22:00	44.44	46.56	48.01	52.12	57.46	4.07	1.88	0.55	0.67	17.49	39.51	56.99	8.84	11.22	
23:00	41.16	43.07	44.42	47.52	51.20	2.71	1.49	0.42	0.63	28.67	39.06	67.73	7.68	11.11	
24:00	37.30	38.84	39.89	42.77	45.99	2.59	1.43	0.43	0.63	29.41	35.94	65.34	7.19	11.13	
Min	**18.88**	**19.85**	**20.69**	**22.35**	**24.71**	**1.04**	**0.65**	**0.26**	**0.28**	**2.05**	**6.66**	**8.06**	**7.19**	**10.82**	
Max	**164.85**	**172.11**	**177.01**	**191.08**	**206.80**	**17.05**	**7.17**	**1.37**	**2.18**	**68.87**	**64.84**	**121.12**	**47.80**	**11.24**	
Medie	**46.24**	**48.62**	**50.30**	**54.69**	**60.27**	**3.65**	**1.91**	**0.44**	**0.69**	**22.10**	**28.72**	**50.78**	**17.19**	**11.01**	

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)	1
Particule in suspensie (PM10)	4

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