RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
17 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	8.87	9.37	9.81	10.28	10.64	1.12	1.09	n/a	0.26	0.73	6.01	6.19	27.28	12.88	
2:00	7.37	7.77	8.07	8.62	9.39	1.01	0.99	n/a	0.26	0.57	5.62	5.70	27.94	12.86	
3:00	5.42	5.68	5.89	6.17	6.37	1.41	1.04	n/a	0.25	0.66	5.35	5.29	29.42	12.85	
4:00	7.28	7.58	7.84	8.39	8.84	1.15	0.86	n/a	0.25	0.66	5.27	5.16	30.57	12.88	
5:00	5.49	5.72	5.91	6.36	6.75	1.61	0.98	n/a	0.25	0.50	5.19	4.87	32.28	12.84	
6:00	4.16	4.35	4.50	4.64	4.73	0.58	0.64	n/a	0.22	0.74	4.84	5.12	33.68	12.84	
7:00	4.63	4.89	5.15	5.57	5.86	0.77	0.78	n/a	0.27	7.35	12.04	19.36	31.04	12.83	
8:00	6.16	6.67	7.15	7.86	8.72	1.74	1.22	n/a	0.35	17.40	25.32	42.72	25.48	12.85	
9:00	6.07	6.48	6.84	7.74	8.80	1.16	0.89	n/a	0.35	24.86	27.57	52.44	25.08	12.89	
10:00	6.18	6.52	6.80	7.92	9.78	0.91	0.79	0.39	0.33	18.81	21.71	40.52	30.52	13.04	
11:00	4.30	5.26	6.22	10.93	18.51	0.57	0.65	0.36	0.24	13.57	15.63	29.20	36.92	13.12	
12:00	4.89	6.59	8.37	16.16	28.10	0.77	0.71	0.40	0.25	10.19	13.78	23.95	37.16	13.21	0.004
13:00	5.52	6.89	8.36	14.11	23.18	0.67	1.18	0.51	0.24	8.51	12.02	20.53	38.50	13.25	
14:00	7.38	8.93	10.41	16.65	27.28	1.10	1.21	0.59	0.27	8.22	13.77	21.99	38.37	13.34	
15:00	7.70	8.63	9.60	12.62	17.24	0.89	0.91	0.60	0.28	9.39	15.38	24.76	36.48	13.22	
16:00	8.50	10.05	11.69	18.36	27.65	1.10	0.95	0.49	0.31	15.39	21.46	36.85	29.13	13.03	
17:00	10.24	12.48	14.75	24.10	37.31	1.85	1.61	0.69	0.40	29.10	39.00	68.09	19.54	13.06	
18:00	19.14	22.33	25.49	36.52	51.26	2.65	2.79	0.94	0.52	33.71	44.90	78.61	14.55	13.24	
19:00	26.84	30.33	33.26	44.32	58.69	2.83	2.66	0.93	0.51	21.00	36.92	57.88	16.63	13.28	
20:00	20.33	22.09	23.64	28.05	33.44	1.74	1.68	0.70	0.47	20.60	35.59	56.11	17.10	13.29	
21:00	48.34	50.34	51.55	54.49	58.68	8.65	n/a	n/a	0.86	19.99	35.93	55.90	20.74	13.27	
22:00	27.33	29.17	30.59	35.06	39.97	1.72	1.36	0.62	0.61	2.15	16.55	18.51	33.82	13.48	
23:00	23.21	24.27	25.17	27.23	30.10	0.95	1.01	0.55	0.43	5.35	16.45	21.65	33.49	13.46	
24:00	11.29	12.24	13.15	14.73	16.84	1.17	1.00	0.55	0.39	1.17	9.46	10.47	40.83	13.38	
Min	**4.16**	**4.35**	**4.50**	**4.64**	**4.73**	**0.57**	**0.64**	**0.36**	**0.22**	**0.50**	**4.84**	**4.87**	**14.55**	**12.83**	
Max	**48.34**	**50.34**	**51.55**	**54.49**	**58.69**	**8.65**	**2.79**	**0.94**	**0.86**	**33.71**	**44.90**	**78.61**	**40.83**	**13.48**	
Medie	**11.94**	**13.11**	**14.18**	**17.79**	**22.84**	**1.59**	**1.17**	**0.59**	**0.36**	**11.28**	**18.57**	**29.66**	**29.44**	**13.10**	

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)	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