RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
24 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	15.08	16.27	17.16	19.98	24.07	1.49	1.12	n/a	0.32	8.18	24.88	33.05	7.95	7.30	
2:00	14.96	16.01	16.80	18.99	21.38	1.38	1.04	0.48	0.30	23.14	22.54	45.68	8.00	7.54	
3:00	14.53	15.59	16.43	18.28	20.27	1.25	0.93	0.44	0.28	14.65	20.47	35.12	8.15	7.71	
4:00	11.52	12.39	13.03	15.32	18.25	0.88	0.74	0.38	0.23	16.29	20.00	36.29	8.34	7.67	
5:00	9.97	10.70	11.27	13.19	16.55	0.91	0.70	0.36	0.22	18.65	17.70	36.34	7.92	7.57	
6:00	9.73	10.42	10.97	12.52	14.64	0.88	0.74	0.32	0.23	37.30	16.61	53.92	7.39	7.73	
7:00	9.46	10.25	10.98	12.91	15.26	0.86	0.86	0.34	0.22	38.68	17.26	55.95	7.49	7.64	
8:00	10.66	11.54	12.24	14.55	17.91	0.90	0.95	0.41	0.23	48.29	18.84	67.14	7.92	7.66	
9:00	10.01	10.71	11.28	12.66	14.21	0.80	0.79	0.37	0.22	34.21	16.61	50.82	9.36	7.61	
10:00	11.15	11.69	12.06	13.01	15.04	1.25	0.99	0.47	0.23	11.45	7.17	18.62	15.44	7.58	
11:00	10.13	10.66	11.10	12.15	14.01	1.00	1.06	n/a	0.24	8.63	5.36	13.97	20.25	7.50	
12:00	8.72	9.18	9.55	10.32	11.16	0.74	0.68	0.36	0.19	3.84	3.36	7.20	26.64	7.56	0.005
13:00	6.20	6.71	7.06	8.13	9.80	0.54	0.49	n/a	0.15	2.41	2.35	4.76	32.47	7.48	
14:00	5.29	5.72	6.07	7.27	10.00	0.64	0.97	0.41	0.16	7.12	5.30	12.40	34.54	7.50	
15:00	7.16	7.76	8.31	10.18	12.89	0.59	0.63	n/a	0.17	6.86	7.28	14.12	33.09	7.52	
16:00	8.88	9.45	9.98	11.42	13.94	0.61	0.55	n/a	0.17	4.52	4.90	9.41	35.15	7.58	
17:00	12.24	12.94	13.54	15.43	18.87	0.76	n/a	n/a	0.25	9.57	12.47	22.02	29.15	7.69	
18:00	23.56	25.74	27.33	34.89	47.45	3.30	2.18	0.71	0.54	40.09	34.75	74.84	14.55	7.79	
19:00	127.22	133.25	137.19	152.10	173.48	9.42	4.22	1.13	1.24	43.86	39.89	83.76	10.94	7.81	
20:00	98.43	103.40	106.72	118.44	134.19	13.41	6.16	n/a	1.78	48.42	38.86	87.28	10.24	7.83	
21:00	196.36	206.59	212.35	224.77	241.11	17.69	7.05	n/a	1.57	31.36	31.32	62.67	9.48	7.78	
22:00	35.46	37.99	39.16	42.22	46.40	2.86	1.74	n/a	0.56	34.67	30.11	64.77	7.32	7.55	
23:00	42.94	44.87	46.25	48.82	51.16	2.74	1.86	n/a	0.63	39.61	25.89	65.50	7.67	7.59	
24:00	26.81	28.20	29.06	32.25	36.77	2.36	1.48	n/a	0.44	12.75	24.00	36.75	7.44	7.54	
Min	**5.29**	**5.72**	**6.07**	**7.27**	**9.80**	**0.54**	**0.49**	**0.32**	**0.15**	**2.41**	**2.35**	**4.76**	**7.32**	**7.30**	
Max	**196.36**	**206.59**	**212.35**	**224.77**	**241.11**	**17.69**	**7.05**	**1.13**	**1.78**	**48.42**	**39.89**	**87.28**	**35.15**	**7.83**	
Medie	**30.27**	**32.00**	**33.16**	**36.66**	**41.62**	**2.80**	**1.65**	**0.48**	**0.44**	**22.69**	**18.66**	**41.35**	**15.29**	**7.61**	

Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	1
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