RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
10 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	13.78	16.19	18.22	27.03	38.43	1.02	1.64	0.77	0.26	4.06	27.39	31.45	19.03	4.88	
2:00	13.06	15.11	16.83	24.04	34.98	0.76	1.23	n/a	0.19	3.64	24.58	28.18	21.68	4.82	
3:00	9.29	10.82	12.17	17.54	24.48	0.61	0.95	n/a	0.16	4.71	17.64	22.33	28.21	4.82	
4:00	8.99	10.40	11.76	16.48	23.44	0.67	1.95	0.73	0.17	1.62	14.57	16.17	25.51	4.92	
5:00	10.46	11.93	13.33	18.25	25.63	0.64	n/a	n/a	0.17	2.30	16.32	18.60	20.69	4.99	
6:00	10.31	11.70	13.05	17.76	24.21	0.57	1.40	0.59	0.15	12.83	36.21	49.03	8.98	4.87	
7:00	9.60	11.05	12.39	17.88	25.47	0.62	1.39	n/a	0.15	22.31	33.12	55.42	9.11	4.88	
8:00	9.95	11.53	13.03	19.20	29.72	1.05	1.22	n/a	0.16	32.45	26.07	58.52	11.44	4.92	
9:00	11.19	13.03	14.71	21.92	31.63	0.78	2.56	n/a	0.16	22.56	23.25	45.80	18.83	4.99	
10:00	9.34	11.32	13.00	23.35	38.42	0.61	0.96	n/a	0.15	19.66	17.95	37.60	32.38	4.85	
11:00	7.09	8.60	10.04	17.01	27.54	0.47	0.78	n/a	0.14	9.79	11.38	21.19	41.37	4.82	
12:00	6.09	7.58	8.71	17.47	31.90	0.43	0.77	n/a	0.13	14.45	13.45	27.90	46.09	4.89	0.005
13:00	5.50	7.08	8.53	16.30	27.97	0.46	0.84	0.60	0.13	12.31	15.71	28.02	50.48	4.87	
14:00	5.28	6.78	8.06	15.84	29.58	0.33	0.57	0.57	0.11	4.59	8.57	13.10	56.40	4.88	
15:00	5.13	6.61	7.90	14.89	26.06	0.43	0.79	n/a	0.12	10.15	16.65	26.79	53.12	4.90	
16:00	5.85	7.41	8.74	16.39	29.01	0.64	1.39	n/a	0.11	8.53	10.98	19.45	58.13	4.93	
17:00	5.91	7.28	8.37	15.47	27.21	1.27	0.70	n/a	0.15	3.01	7.90	10.83	60.09	4.96	
18:00	11.05	15.33	18.98	43.52	77.70	1.56	2.05	n/a	0.43	12.93	32.34	45.27	41.09	4.99	
19:00	48.49	62.03	73.61	133.95	217.99	4.59	3.71	n/a	0.48	12.13	42.50	54.63	28.66	5.13	
20:00	52.56	60.76	67.45	106.60	161.44	4.79	4.12	n/a	0.70	11.80	37.82	49.62	27.41	5.08	
21:00	25.13	31.03	36.93	63.27	95.14	1.47	1.53	n/a	0.35	14.53	47.12	61.65	17.30	4.94	
22:00	33.74	40.47	46.38	76.92	111.77	1.86	1.75	n/a	0.38	3.54	39.16	42.70	18.37	4.84	
23:00	20.10	22.98	25.36	36.74	50.17	1.52	1.31	0.89	0.29	1.56	26.78	28.31	21.47	4.96	
24:00	19.13	21.68	23.92	33.04	44.10	1.36	1.23	n/a	0.26	1.82	28.33	30.15	18.48	5.01	
Min	**5.13**	**6.61**	**7.90**	**14.89**	**23.44**	**0.33**	**0.57**	**0.57**	**0.11**	**1.56**	**7.90**	**10.83**	**8.98**	**4.82**	
Max	**52.56**	**62.03**	**73.61**	**133.95**	**217.99**	**4.79**	**4.12**	**0.89**	**0.70**	**32.45**	**47.12**	**61.65**	**60.09**	**5.13**	
Medie	**14.88**	**17.86**	**20.48**	**33.78**	**52.25**	**1.19**	**1.51**	**0.69**	**0.23**	**10.30**	**23.99**	**34.28**	**30.60**	**4.92**	

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)	2
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