RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
22 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	36.35	40.14	43.04	48.75	56.23	2.39	2.45	0.93	0.47	35.74	29.49	65.23	8.66	7.19	
2:00	22.95	24.88	26.67	30.17	35.22	1.46	1.39	0.70	0.29	33.73	32.76	66.49	7.97	7.19	
3:00	22.08	24.06	25.82	30.71	36.00	1.58	1.49	n/a	0.30	39.50	30.02	69.53	7.85	7.09	
4:00	26.50	28.88	30.81	37.54	46.79	2.22	1.93	n/a	0.31	40.73	30.15	70.88	8.08	7.08	
5:00	20.92	23.23	25.36	30.12	37.37	1.41	1.88	0.78	0.29	39.30	27.26	66.56	8.05	7.18	
6:00	19.84	22.23	24.77	29.66	35.37	1.43	1.99	0.79	0.33	84.03	30.60	114.63	8.02	7.31	
7:00	21.94	24.68	27.51	32.08	36.90	1.67	n/a	n/a	0.42	99.51	28.57	128.07	7.98	7.26	
8:00	20.85	24.42	28.59	33.76	39.13	1.55	2.25	0.84	0.28	115.90	34.38	150.28	8.00	7.35	
9:00	20.33	23.51	26.98	32.13	39.00	1.73	4.53	0.95	0.35	89.22	39.30	128.51	8.66	7.45	
10:00	19.86	22.99	26.44	31.08	36.73	1.41	1.38	0.67	0.30	64.23	35.96	100.19	9.48	7.20	
11:00	16.42	18.97	21.65	26.50	32.18	1.08	1.91	0.95	0.27	34.97	38.96	73.94	15.22	7.20	
12:00	19.62	22.24	24.98	30.12	37.27	1.73	3.30	n/a	0.32	31.67	43.50	75.17	15.22	7.27	0.003
13:00	19.15	21.80	24.69	30.29	37.85	0.84	1.66	n/a	0.22	22.18	28.90	51.08	26.19	7.19	
14:00	11.30	13.78	16.65	23.57	33.59	0.70	0.94	n/a	0.16	13.11	18.34	31.44	38.70	7.27	
15:00	6.75	8.58	10.58	17.04	26.24	0.60	0.96	n/a	0.16	12.63	18.12	30.76	44.63	7.30	
16:00	6.19	7.43	8.74	12.38	17.34	0.58	0.85	0.65	0.16	7.42	12.21	19.62	41.72	7.17	
17:00	3.90	4.42	4.96	6.46	7.62	0.79	1.06	0.69	0.18	5.34	9.02	14.37	28.65	7.33	
18:00	3.06	3.34	3.60	4.51	6.17	1.03	1.07	n/a	0.19	4.78	11.27	16.06	22.01	7.37	
19:00	3.42	3.86	4.28	5.90	8.78	1.05	0.93	0.66	0.19	4.18	9.19	13.37	28.82	7.25	
20:00	3.83	4.20	4.62	5.53	6.59	0.65	0.70	0.59	0.18	2.05	6.18	8.23	32.87	7.39	
21:00	4.47	4.93	5.35	7.32	9.29	0.67	0.63	0.57	0.18	2.49	6.02	8.50	36.59	7.39	
22:00	4.21	4.65	5.18	6.31	8.14	0.44	0.50	0.54	0.15	1.13	4.03	5.13	37.72	7.41	
23:00	4.01	4.46	4.90	6.51	8.49	0.41	0.51	0.54	0.14	1.01	3.76	4.70	36.95	7.47	
24:00	3.88	4.46	5.10	7.21	9.95	0.38	0.55	0.50	0.13	1.02	4.21	5.00	35.50	7.36	
Min	**3.06**	**3.34**	**3.60**	**4.51**	**6.17**	**0.38**	**0.50**	**0.50**	**0.13**	**1.01**	**3.76**	**4.70**	**7.85**	**7.08**	
Max	**36.35**	**40.14**	**43.04**	**48.75**	**56.23**	**2.39**	**4.53**	**0.95**	**0.47**	**115.90**	**43.50**	**150.28**	**44.63**	**7.47**	
Medie	**14.24**	**16.09**	**17.97**	**21.90**	**27.01**	**1.16**	**1.52**	**0.71**	**0.25**	**32.74**	**22.18**	**54.91**	**21.81**	**7.28**	

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)	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