RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
30 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	35.69	38.56	40.91	46.32	52.19	2.46	2.66	0.87	0.58	63.89	26.23	90.11	7.93	9.05	
2:00	30.97	34.11	36.76	41.39	47.67	2.46	2.80	n/a	0.52	76.16	23.11	99.28	7.87	9.12	
3:00	30.68	33.43	35.62	39.09	43.11	1.80	2.10	0.89	0.45	42.93	23.75	66.68	7.81	8.94	
4:00	24.99	27.20	29.00	32.82	38.66	1.67	1.56	0.80	0.39	10.65	24.92	35.57	7.96	8.94	
5:00	25.06	27.17	28.91	31.84	35.06	1.71	1.61	n/a	0.39	18.55	26.02	44.59	8.08	9.15	
6:00	27.74	30.37	32.30	36.30	42.51	2.48	1.90	0.80	0.42	28.92	26.67	55.60	7.75	9.02	
7:00	29.22	32.23	34.62	39.00	44.47	2.38	2.26	0.93	0.45	36.37	25.26	61.64	7.82	9.09	
8:00	35.42	39.43	42.25	46.67	52.05	3.00	2.51	n/a	0.46	51.49	26.56	78.06	7.86	9.23	
9:00	35.51	38.91	41.53	46.81	54.30	2.26	4.15	1.17	0.50	66.74	30.19	96.92	7.98	9.05	
10:00	36.40	41.04	45.24	58.04	77.16	2.29	3.48	1.08	0.48	67.47	32.47	99.95	8.44	9.24	
11:00	32.19	38.16	43.44	61.39	87.13	2.06	2.14	n/a	0.50	88.00	34.63	122.63	8.73	9.34	
12:00	35.03	42.13	47.79	77.18	119.31	2.29	6.83	1.74	0.56	55.59	36.40	91.99	9.58	9.14	
13:00	42.71	48.31	53.27	67.94	88.30	2.04	3.07	1.31	0.46	29.77	34.55	64.32	12.37	9.24	0.005
14:00	32.31	36.11	39.43	47.78	59.13	1.55	3.23	n/a	0.35	13.71	24.01	37.71	18.53	9.23	
15:00	21.18	23.77	26.40	30.82	35.67	1.14	2.10	0.98	0.29	15.02	20.08	35.08	23.29	9.18	
16:00	21.07	24.04	27.09	33.24	42.28	1.35	1.52	n/a	0.30	21.30	26.75	48.05	19.79	9.18	
17:00	20.79	23.62	26.56	32.00	38.48	0.92	0.89	0.66	0.30	15.11	25.02	40.01	20.42	9.22	
18:00	31.46	36.25	41.00	52.39	66.05	2.33	n/a	n/a	0.60	43.59	45.99	89.58	10.91	9.30	
19:00	33.98	39.81	45.64	64.83	86.52	2.23	2.70	1.11	0.55	40.76	46.42	87.17	8.42	9.26	
20:00	62.87	68.68	73.42	83.73	96.60	4.07	3.72	1.34	1.02	50.45	44.47	94.91	8.65	9.46	
21:00	129.34	136.25	141.34	153.06	167.59	6.76	4.80	1.66	1.45	63.14	40.69	103.83	8.78	9.38	
22:00	47.87	51.85	55.13	60.21	66.34	1.95	1.78	0.94	0.50	46.85	35.02	81.88	7.68	9.35	
23:00	29.00	31.71	34.19	37.06	39.80	2.09	2.75	1.04	0.42	45.74	32.64	78.36	7.74	9.52	
24:00	29.80	32.43	34.66	36.96	39.52	1.63	1.69	0.82	0.39	29.13	25.48	54.60	7.57	9.46	
Min	**20.79**	**23.62**	**26.40**	**30.82**	**35.06**	**0.92**	**0.89**	**0.66**	**0.29**	**10.65**	**20.08**	**35.08**	**7.57**	**8.94**	
Max	**129.34**	**136.25**	**141.34**	**153.06**	**167.59**	**6.76**	**6.83**	**1.74**	**1.45**	**88.00**	**46.42**	**122.63**	**23.29**	**9.52**	
Medie	**36.72**	**40.65**	**44.02**	**52.37**	**63.33**	**2.29**	**2.71**	**1.07**	**0.51**	**42.56**	**30.72**	**73.27**	**10.50**	**9.21**	

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