RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
6 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	22.12	23.44	24.54	27.27	31.27	1.79	1.29	0.49	0.44	32.73	28.05	60.78	8.74	10.78	
2:00	21.00	22.55	23.89	27.64	32.65	1.55	1.20	0.42	0.39	12.39	26.84	39.23	8.39	10.74	
3:00	18.70	20.24	21.74	25.39	30.80	1.39	0.99	0.43	0.35	7.22	21.68	28.87	9.36	10.85	
4:00	17.72	18.82	19.71	22.52	26.23	1.33	1.06	0.45	0.36	26.35	20.13	46.38	9.11	10.83	
5:00	20.95	22.06	23.00	25.40	27.70	1.65	1.21	0.41	0.44	69.31	25.11	94.43	7.51	10.85	
6:00	19.35	20.37	21.36	23.48	26.18	1.70	1.28	0.39	0.41	51.39	24.30	75.67	7.45	10.84	
7:00	17.75	18.95	20.07	22.97	27.21	1.74	2.78	0.70	0.42	80.42	28.16	108.56	7.46	10.90	
8:00	30.65	34.26	37.70	49.34	65.13	3.34	3.36	0.90	0.72	148.57	34.68	183.25	7.95	11.15	
9:00	39.10	44.28	48.90	63.79	83.18	2.32	2.30	0.69	0.63	127.94	33.42	161.37	8.38	11.06	
10:00	22.74	24.66	26.44	32.24	41.52	1.77	1.67	0.51	0.38	41.39	23.50	64.90	11.97	10.74	
11:00	28.07	31.29	34.22	44.32	58.98	1.48	1.72	0.55	0.39	49.96	29.34	79.30	16.31	10.66	
12:00	35.63	39.75	43.67	56.32	75.64	1.31	1.27	n/a	0.37	53.46	36.07	89.53	21.37	11.14	0.004
13:00	14.90	16.74	18.33	25.94	40.86	0.70	0.78	0.39	0.24	17.72	18.30	36.01	36.92	10.68	
14:00	9.77	10.73	11.77	14.56	18.76	0.59	0.75	n/a	0.22	8.77	12.32	21.10	45.50	10.67	
15:00	6.82	7.96	9.05	14.05	23.61	0.49	0.57	n/a	0.22	14.09	18.48	32.57	46.47	10.63	
16:00	8.14	9.10	10.09	12.98	18.79	0.55	0.61	0.39	0.24	11.05	18.36	29.41	47.64	10.66	
17:00	13.66	15.03	16.25	20.76	29.06	1.48	0.98	0.51	0.35	10.28	26.71	37.01	39.99	10.83	
18:00	49.67	53.61	57.09	67.69	82.90	10.74	3.81	n/a	0.90	24.14	52.67	76.79	22.93	11.07	
19:00	42.98	46.05	48.20	56.29	66.92	2.60	1.75	n/a	0.53	22.77	48.12	70.85	15.75	10.82	
20:00	45.35	48.98	51.92	61.81	73.71	2.27	1.63	n/a	0.58	27.43	36.82	64.11	21.82	10.78	
21:00	15.68	16.70	17.58	20.18	23.24	2.19	0.90	n/a	0.28	1.08	9.39	9.69	43.57	10.70	
22:00	15.21	16.21	16.96	19.42	22.98	0.92	0.71	n/a	0.29	1.22	13.66	14.02	42.46	10.65	
23:00	17.15	18.17	18.79	20.53	22.95	1.01	0.78	n/a	0.29	0.40	11.82	11.32	42.32	10.68	
24:00	14.57	15.65	16.33	18.90	21.59	0.76	n/a	n/a	0.26	0.37	11.47	10.57	39.36	10.61	
Min	**6.82**	**7.96**	**9.05**	**12.98**	**18.76**	**0.49**	**0.57**	**0.39**	**0.22**	**0.37**	**9.39**	**9.69**	**7.45**	**10.61**	
Max	**49.67**	**53.61**	**57.09**	**67.69**	**83.18**	**10.74**	**3.81**	**0.90**	**0.90**	**148.57**	**52.67**	**183.25**	**47.64**	**11.15**	
Medie	**22.82**	**24.82**	**26.57**	**32.24**	**40.49**	**1.90**	**1.45**	**0.52**	**0.40**	**35.02**	**25.39**	**60.24**	**23.70**	**10.81**	

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

Particule in suspensie (PM2,5)	3
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	2

Indice zilnic general	3

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