RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
12 AUGUST 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	8.98	13.27	17.73	35.02	54.04	0.39	0.85	1.98	0.19	1.71	37.29	38.87	12.90	12.86	
2:00	8.84	12.63	17.06	29.55	44.43	0.59	0.93	2.10	0.19	4.47	40.12	44.59	6.39	12.64	
3:00	8.93	12.48	16.37	28.74	43.25	0.40	0.91	2.03	0.18	3.05	36.83	39.87	7.34	13.32	
4:00	9.18	12.50	16.20	27.84	42.47	0.42	0.83	1.83	0.18	7.42	39.57	46.98	5.59	12.87	
5:00	9.45	12.49	15.87	25.16	36.88	0.43	0.99	1.90	0.18	14.69	34.79	49.44	7.77	13.04	
6:00	9.39	12.70	16.45	27.38	42.16	0.41	0.96	1.92	0.19	8.61	35.13	43.74	9.90	13.09	
7:00	9.80	13.80	18.21	32.87	53.59	0.63	1.66	1.90	0.22	17.72	35.52	53.24	13.16	13.29	
8:00	10.38	14.11	17.82	33.70	57.55	0.66	2.24	1.99	0.23	21.75	34.71	56.46	21.78	13.30	
9:00	9.84	13.22	16.83	29.97	50.84	0.54	n/a	n/a	0.20	4.82	13.91	18.65	50.64	12.74	
10:00	10.40	13.19	16.05	25.83	38.97	0.35	0.77	1.95	0.20	2.11	6.34	8.13	66.30	12.81	
11:00	10.48	13.71	17.16	29.10	45.33	0.38	0.89	1.76	0.20	9.07	16.02	25.05	65.87	12.78	
12:00	11.20	14.75	18.67	31.18	51.10	0.31	0.82	0.87	0.21	9.49	16.87	26.33	75.19	13.02	N/A
13:00	10.43	13.94	17.62	30.95	52.25	0.28	0.98	0.83	0.22	4.91	15.28	20.14	78.90	12.32	
14:00	9.56	12.85	16.37	28.85	49.27	0.31	1.25	1.08	0.20	3.32	10.05	13.35	82.08	12.39	
15:00	7.47	10.31	13.38	24.08	41.48	0.32	1.17	1.27	0.20	5.08	11.34	16.40	78.99	12.53	
16:00	7.10	9.26	11.39	20.10	33.82	0.26	1.43	1.36	0.19	3.75	10.99	14.72	76.43	12.65	
17:00	5.62	7.30	8.82	17.17	32.13	0.31	1.47	1.45	0.19	7.84	18.15	25.96	67.37	12.26	
18:00	5.10	6.51	7.84	14.81	26.26	0.27	1.62	1.52	0.20	5.58	16.03	21.58	65.11	12.21	
19:00	16.53	17.95	19.16	26.71	38.09	1.80	2.06	n/a	0.28	1.86	10.38	12.20	63.56	12.37	
20:00	2.93	4.65	6.29	15.67	30.43	0.50	2.46	n/a	0.21	7.60	18.80	26.30	54.75	11.95	
21:00	4.52	7.39	10.08	25.94	49.58	2.13	15.43	n/a	0.19	1.57	14.04	15.32	56.54	12.46	
22:00	4.08	6.61	8.91	23.13	42.85	0.38	2.89	n/a	0.16	1.40	23.43	24.39	45.28	12.69	
23:00	6.12	9.08	11.53	28.62	52.56	0.51	2.15	n/a	0.19	1.27	18.40	19.31	44.15	13.04	
24:00	4.75	8.86	13.23	33.22	59.16	0.39	2.32	n/a	0.19	0.94	20.97	21.55	36.42	13.15	
Min	**2.93**	**4.65**	**6.29**	**14.81**	**26.26**	**0.26**	**0.77**	**0.83**	**0.16**	**0.94**	**6.34**	**8.13**	**5.59**	**11.95**	
Max	**16.53**	**17.95**	**19.16**	**35.02**	**59.16**	**2.13**	**15.43**	**2.10**	**0.28**	**21.75**	**40.12**	**56.46**	**82.08**	**13.32**	
Medie	**8.38**	**11.40**	**14.54**	**26.90**	**44.52**	**0.54**	**2.05**	**1.63**	**0.20**	**6.25**	**22.29**	**28.44**	**45.52**	**12.74**	

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

*N/A - Analizorul de formaldehidă (CHOH) trimis in Finlanda pentru calibrare în laborator