RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
08 IULIE 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	7.30	8.93	10.65	15.66	21.33	0.53	1.05	n/a	0.14	2.11	14.53	16.49	26.88	41.84	
2:00	4.85	6.14	7.51	12.19	17.54	0.20	0.97	n/a	0.13	3.80	14.47	18.22	31.43	41.89	
3:00	4.65	5.79	7.02	11.62	19.91	0.23	0.85	n/a	0.13	7.94	22.16	29.99	21.95	42.19	
4:00	5.73	7.10	8.51	12.93	18.93	0.27	1.26	n/a	0.13	23.71	36.72	60.42	1.83	42.20	
5:00	14.97	18.82	21.37	27.50	38.27	0.33	1.04	1.58	0.15	4.62	20.10	24.73	25.35	42.04	
6:00	5.77	7.56	9.36	15.78	24.78	0.27	1.07	1.57	0.15	9.57	33.47	43.04	10.36	42.26	
7:00	5.68	7.85	10.05	19.24	33.83	0.37	1.68	1.68	0.16	14.84	34.04	48.89	13.41	42.60	
8:00	4.61	6.73	9.00	15.46	26.47	0.36	0.93	n/a	0.15	6.19	16.01	22.21	34.88	42.25	
9:00	5.08	6.78	8.50	14.90	23.25	0.51	2.31	n/a	0.19	14.67	20.99	35.66	30.35	42.15	
10:00	5.02	6.55	8.14	14.34	24.05	0.28	0.77	1.60	0.15	3.77	8.79	12.55	34.23	42.27	
11:00	5.04	6.48	8.08	13.59	23.76	0.32	0.81	n/a	0.15	3.82	7.48	11.29	38.64	42.77	
12:00	5.30	6.91	8.51	15.37	26.44	0.22	1.04	1.67	0.14	5.27	8.71	13.98	45.24	43.24	N/A
13:00	5.11	6.75	8.32	15.91	30.23	0.20	3.33	n/a	0.14	4.38	7.06	11.44	48.95	43.69	
14:00	4.70	5.84	6.87	12.15	20.08	0.20	0.80	1.81	0.14	2.64	6.23	8.85	52.21	43.64	
15:00	4.04	5.00	6.09	9.45	15.43	0.32	0.64	n/a	0.13	2.04	5.14	7.18	56.35	43.49	
16:00	3.52	4.50	5.59	8.99	13.71	0.16	n/a	n/a	0.13	1.94	5.36	7.25	57.19	42.80	
17:00	4.80	5.93	7.02	11.74	19.00	0.24	0.45	1.41	0.14	2.63	5.60	8.21	57.44	42.82	
18:00	5.24	6.44	7.72	11.46	16.25	0.21	0.60	n/a	0.14	2.00	6.08	8.03	56.41	42.79	
19:00	4.82	6.08	7.30	12.49	19.67	0.19	0.65	1.38	0.15	2.05	7.16	9.10	55.61	42.88	
20:00	3.52	4.67	5.81	10.09	15.66	0.25	0.96	1.55	0.16	2.86	9.33	12.12	51.82	42.74	
21:00	5.32	6.63	7.87	12.24	17.78	0.31	0.95	1.40	0.17	2.91	11.00	13.88	42.01	42.84	
22:00	5.43	6.55	7.76	10.70	14.44	0.17	0.52	1.40	0.14	0.77	10.53	10.97	43.34	42.74	
23:00	2.62	3.54	4.55	6.83	10.00	0.12	0.28	n/a	0.13	0.48	6.88	7.04	42.28	42.77	
24:00	2.42	3.02	3.71	5.07	7.23	0.12	0.27	1.28	0.13	0.45	6.49	6.58	43.55	42.68	
Min	**2.42**	**3.02**	**3.71**	**5.07**	**7.23**	**0.12**	**0.27**	**1.28**	**0.13**	**0.45**	**5.14**	**6.58**	**1.83**	**41.84**	
Max	**14.97**	**18.82**	**21.37**	**27.50**	**38.27**	**0.53**	**3.33**	**1.81**	**0.19**	**23.71**	**36.72**	**60.42**	**57.44**	**43.69**	
Medie	**5.23**	**6.69**	**8.14**	**13.15**	**20.75**	**0.27**	**1.01**	**1.53**	**0.14**	**5.23**	**13.51**	**18.67**	**38.40**	**42.65**	

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

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

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