RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
25 APRILIE 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	8.78	10.15	11.47	16.25	23.29	0.42	0.62	0.21	0.21	4.90	26.32	31.13	22.11	18.70	N/A
2:00	10.25	11.68	12.92	17.60	24.08	0.52	0.87	0.26	0.25	8.84	48.22	57.05	5.06	18.67	
3:00	11.55	12.93	14.16	18.19	23.47	0.50	0.70	0.21	0.24	7.25	43.40	50.64	5.51	18.46	
4:00	10.83	12.33	13.67	19.65	30.77	0.52	0.61	0.19	0.22	12.87	29.72	42.56	7.21	18.44	
5:00	10.43	11.76	13.08	17.20	23.41	0.50	0.55	0.18	0.22	2.68	26.63	29.29	5.09	18.39	
6:00	10.56	11.95	13.27	17.46	23.31	0.66	0.58	0.20	0.23	33.34	29.83	63.18	2.79	18.45	
7:00	9.67	11.13	12.63	17.52	23.45	0.52	0.55	0.16	0.21	28.40	22.36	50.76	5.73	18.46	
8:00	10.47	12.10	13.59	20.22	29.13	0.54	0.58	0.19	0.21	28.24	17.68	45.92	10.28	18.75	
9:00	10.81	12.64	14.36	22.10	33.37	0.76	1.08	0.30	0.23	14.35	16.32	30.66	23.82	18.44	
10:00	6.63	8.40	10.06	17.66	31.25	0.41	0.76	0.34	0.21	11.12	11.48	22.59	40.11	18.44	
11:00	5.89	7.68	9.14	17.42	31.13	0.32	0.52	0.23	0.19	4.72	6.95	11.67	48.83	18.47	
12:00	4.78	6.80	8.38	16.93	33.98	0.25	0.54	0.21	0.18	3.55	5.50	9.03	54.57	18.61	
13:00	3.42	5.34	6.90	15.53	33.04	0.19	n/a	n/a	0.17	2.30	4.36	6.62	59.68	18.72	
14:00	3.57	5.45	6.96	15.66	34.37	0.23	0.34	0.19	0.17	1.55	4.39	5.87	62.11	18.78	
15:00	3.15	4.75	6.13	12.85	26.40	0.17	0.26	0.19	0.16	1.75	4.02	5.72	61.29	18.88	
16:00	3.03	4.40	5.63	10.73	21.83	0.24	0.30	0.18	0.16	1.58	3.92	5.44	61.36	18.83	
17:00	3.21	4.67	5.98	11.95	25.50	0.19	0.27	0.17	0.16	1.83	4.59	6.37	61.53	18.65	
18:00	3.11	4.68	5.97	13.24	24.22	0.19	0.29	0.19	0.17	1.33	4.65	5.89	62.21	18.88	
19:00	3.35	4.80	5.90	13.01	25.50	0.32	0.37	0.21	0.17	1.18	5.38	6.42	61.60	18.80	
20:00	3.79	5.25	6.46	13.33	25.40	0.33	0.38	0.19	0.18	1.38	6.44	7.73	60.31	19.00	
21:00	5.42	6.97	8.22	15.93	31.53	0.83	0.64	0.25	0.23	1.83	13.28	15.03	52.69	18.96	
22:00	4.44	6.03	7.52	13.78	23.87	0.57	0.52	0.41	0.21	0.99	8.73	9.63	48.22	18.93	
23:00	4.52	5.97	7.34	13.06	22.84	0.42	0.59	0.24	0.21	1.64	10.11	11.65	46.14	18.78	
24:00	4.06	5.53	6.81	13.33	25.05	0.33	0.43	0.21	0.19	0.70	6.78	7.22	47.52	18.81	
Min	**3.03**	**4.40**	**5.63**	**10.73**	**21.83**	**0.17**	**0.26**	**0.16**	**0.16**	**0.70**	**3.92**	**5.44**	**2.79**	**18.39**	
Max	**11.55**	**12.93**	**14.36**	**22.10**	**34.37**	**0.83**	**1.08**	**0.41**	**0.25**	**33.34**	**48.22**	**63.18**	**62.21**	**19.00**	
Medie	**6.49**	**8.06**	**9.44**	**15.86**	**27.09**	**0.41**	**0.54**	**0.22**	**0.20**	**7.43**	**15.04**	**22.42**	**38.16**	**18.68**	

Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020	
Particule in suspensie (PM2,5)	1
Dioxid de azot (NO2)	2
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