RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
14 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	14.45	15.74	16.87	19.09	21.97	0.82	0.96	0.55	0.22	3.75	27.82	31.57	13.11	5.45	
2:00	12.08	13.23	14.21	16.99	20.03	0.71	1.44	0.62	0.20	7.27	24.03	31.30	12.71	5.50	
3:00	11.92	12.94	13.85	15.84	18.12	0.69	1.57	n/a	0.21	1.97	12.94	14.83	14.22	5.53	
4:00	10.52	11.57	12.53	14.89	17.38	0.68	1.36	n/a	0.21	1.65	9.91	11.48	14.98	5.59	
5:00	10.97	12.37	13.84	17.38	22.16	1.52	1.13	0.60	0.23	8.66	12.96	21.61	14.65	5.57	
6:00	11.60	13.49	15.43	22.51	33.93	0.99	1.76	0.68	0.23	33.84	25.25	59.09	9.81	5.60	
7:00	11.11	13.80	16.66	27.47	41.94	1.43	2.56	n/a	0.28	71.22	33.87	105.09	9.49	5.69	
8:00	13.43	15.45	17.49	23.99	33.24	1.07	1.06	0.59	0.20	15.83	20.76	36.60	11.63	5.61	
9:00	10.75	12.65	14.72	21.26	30.45	0.82	1.34	0.65	0.21	45.08	24.71	69.79	15.08	5.66	
10:00	10.38	12.08	13.91	19.70	27.07	0.70	1.20	n/a	0.19	25.14	14.27	39.41	22.90	5.65	
11:00	11.82	13.45	15.22	20.83	30.91	0.51	0.82	n/a	0.16	13.87	11.80	25.67	31.18	5.55	
12:00	11.64	12.82	14.04	16.49	19.11	0.46	0.59	n/a	0.14	9.42	8.60	18.01	37.19	5.52	0.003
13:00	9.43	10.35	11.22	14.00	17.79	0.43	0.66	n/a	0.18	12.26	10.40	22.66	40.76	5.61	
14:00	8.92	9.74	10.55	12.38	14.96	0.36	0.44	0.48	0.12	6.92	7.54	14.46	43.94	5.55	
15:00	8.76	9.74	10.65	14.15	20.25	0.45	0.68	n/a	0.14	14.02	15.21	29.23	42.58	5.62	
16:00	7.26	8.15	8.93	12.06	17.50	0.37	0.50	n/a	0.14	12.95	14.17	27.12	43.90	5.62	
17:00	6.71	7.62	8.45	11.53	16.66	0.44	0.57	0.52	0.13	8.77	11.79	20.56	44.79	5.58	
18:00	7.68	8.55	9.32	12.50	18.68	0.95	1.04	n/a	0.20	5.00	16.99	21.99	39.69	5.59	
19:00	48.74	52.10	54.76	64.49	78.51	8.37	3.15	0.94	0.69	14.77	35.58	50.35	27.61	5.86	
20:00	25.14	27.20	29.02	35.37	45.74	2.18	2.30	0.86	0.46	16.90	40.89	57.79	19.41	5.69	
21:00	26.28	28.53	30.41	35.64	42.86	2.18	2.91	0.92	0.50	13.34	39.32	52.66	15.42	5.69	
22:00	20.79	22.88	24.69	30.12	37.02	1.32	2.03	n/a	0.37	15.41	41.58	56.99	11.59	5.61	
23:00	16.18	17.55	18.61	21.78	26.44	0.93	0.93	n/a	0.25	4.65	23.67	28.25	17.00	5.54	
24:00	10.84	11.90	12.89	15.64	20.11	0.86	0.75	n/a	0.20	2.16	17.69	19.81	20.09	5.50	
Min	**6.71**	**7.62**	**8.45**	**11.53**	**14.96**	**0.36**	**0.44**	**0.48**	**0.12**	**1.65**	**7.54**	**11.48**	**9.49**	**5.45**	
Max	**48.74**	**52.10**	**54.76**	**64.49**	**78.51**	**8.37**	**3.15**	**0.94**	**0.69**	**71.22**	**41.58**	**105.09**	**44.79**	**5.86**	
Medie	**14.06**	**15.58**	**17.01**	**21.50**	**28.03**	**1.22**	**1.32**	**0.67**	**0.24**	**15.20**	**20.91**	**36.10**	**23.91**	**5.60**	

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)	1
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