RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
23 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	4.03	4.57	5.17	6.66	8.41	0.36	0.51	0.53	0.12	0.58	3.66	4.05	34.79	7.36	
2:00	4.03	4.78	5.50	7.93	10.61	0.33	0.44	0.50	0.12	0.91	3.39	4.16	34.84	7.42	
3:00	4.16	5.06	5.93	8.18	10.94	0.31	0.43	0.49	0.13	0.77	3.69	4.32	34.30	7.38	
4:00	4.43	5.36	6.24	8.25	10.94	0.64	0.51	0.49	0.12	0.90	3.62	4.27	33.61	7.45	
5:00	4.89	5.97	7.01	9.43	12.67	0.53	0.49	0.53	0.14	1.71	4.77	6.47	33.67	7.41	
6:00	6.59	7.69	8.76	10.73	12.87	0.41	0.52	0.50	0.15	4.53	8.16	12.68	32.91	7.44	
7:00	5.23	6.66	7.93	11.69	17.24	0.82	1.82	1.10	0.18	12.98	15.76	28.73	31.01	7.42	
8:00	5.07	6.66	8.16	11.67	18.06	0.76	1.84	1.21	0.17	10.43	14.70	25.12	31.60	7.42	
9:00	6.84	8.45	9.88	12.82	16.92	0.63	0.97	0.66	0.17	12.10	14.55	26.66	31.68	7.56	
10:00	7.00	8.82	10.39	15.10	22.07	0.62	0.85	0.58	0.17	13.04	13.99	27.03	32.18	7.42	
11:00	4.96	6.24	7.25	10.72	17.07	0.39	0.66	0.90	0.14	7.85	9.50	17.35	36.88	7.50	
12:00	3.85	4.61	5.23	6.98	9.58	0.39	n/a	n/a	0.13	6.90	8.29	15.18	40.00	7.46	0.004
13:00	3.42	4.21	4.80	7.82	12.62	0.34	0.59	0.53	0.14	11.32	9.76	21.08	39.90	7.36	
14:00	3.00	3.94	4.73	8.36	14.07	0.37	0.58	0.54	0.14	14.64	14.48	29.12	39.00	7.40	
15:00	3.23	4.10	4.79	8.10	12.20	0.48	0.95	n/a	0.16	24.74	21.61	46.34	36.41	7.43	
16:00	3.66	4.79	5.86	10.03	17.21	0.76	0.91	0.60	0.17	20.01	19.66	39.66	39.57	7.48	
17:00	3.70	4.88	5.89	10.79	17.92	0.42	0.69	n/a	0.17	19.55	22.14	41.68	37.27	7.39	
18:00	9.39	10.39	11.30	14.46	19.36	1.00	1.67	0.72	0.32	15.09	28.97	44.00	28.71	7.53	
19:00	77.67	83.02	87.28	101.14	119.60	10.94	6.25	n/a	1.19	28.15	49.83	77.97	15.34	7.78	
20:00	79.97	84.75	87.53	97.63	112.24	6.02	3.48	n/a	1.16	33.90	44.99	78.89	12.96	7.67	
21:00	61.50	64.56	66.64	73.03	81.83	5.90	3.36	n/a	0.93	54.34	41.72	96.06	9.59	7.63	
22:00	30.59	32.77	34.40	39.22	46.34	2.85	2.06	n/a	0.59	77.49	40.79	118.29	7.94	7.64	
23:00	18.35	19.67	20.70	23.35	28.63	1.65	1.18	n/a	0.34	45.65	34.72	80.37	7.45	7.52	
24:00	15.81	16.95	17.67	20.86	25.53	1.48	1.02	n/a	0.32	8.49	26.95	35.43	8.81	7.35	
Min	**3.00**	**3.94**	**4.73**	**6.66**	**8.41**	**0.31**	**0.43**	**0.49**	**0.12**	**0.58**	**3.39**	**4.05**	**7.45**	**7.35**	
Max	**79.97**	**84.75**	**87.53**	**101.14**	**119.60**	**10.94**	**6.25**	**1.21**	**1.19**	**77.49**	**49.83**	**118.29**	**40.00**	**7.78**	
Medie	**15.47**	**17.04**	**18.29**	**22.29**	**28.12**	**1.60**	**1.38**	**0.66**	**0.31**	**17.75**	**19.15**	**36.87**	**28.77**	**7.48**	

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