RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
31 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	28.72	31.20	32.91	35.21	37.29	1.91	1.46	n/a	0.40	26.16	21.52	47.70	7.60	9.42	
2:00	29.78	32.45	34.29	36.64	39.24	1.73	1.85	n/a	0.40	15.65	21.04	36.68	7.61	9.49	
3:00	30.94	33.68	35.53	38.23	40.86	1.64	2.71	0.88	0.39	10.46	20.67	31.12	7.62	9.30	
4:00	29.67	32.64	34.69	37.27	40.42	1.45	1.38	0.80	0.35	8.09	18.71	26.80	7.64	9.40	
5:00	29.51	32.64	34.86	38.21	41.61	1.45	1.55	0.79	0.35	20.29	21.60	41.88	7.87	9.51	
6:00	23.09	25.55	27.51	30.59	34.45	1.30	1.40	0.74	0.31	7.91	23.68	31.59	9.18	9.39	
7:00	21.56	23.72	25.63	28.02	30.83	1.26	1.58	0.78	0.31	16.30	23.78	40.10	9.02	9.41	
8:00	17.24	19.19	20.98	24.37	28.36	0.85	1.03	0.70	0.25	9.43	21.15	30.58	10.63	9.46	
9:00	14.80	16.71	18.80	21.75	24.95	1.05	0.99	0.70	0.26	5.50	19.25	24.76	12.55	9.50	
10:00	12.34	13.93	15.66	18.25	21.16	0.88	0.85	0.64	0.23	2.19	12.31	14.48	16.75	9.52	
11:00	11.95	13.33	14.81	16.93	19.42	0.91	0.87	0.63	0.24	1.70	7.59	9.22	21.03	9.52	
12:00	12.15	13.34	14.57	16.71	19.44	2.27	1.20	0.66	0.28	1.18	7.04	8.13	21.94	9.39	0.003
13:00	13.04	14.24	15.46	17.63	19.85	1.87	1.03	0.66	0.30	1.64	7.42	8.95	22.25	9.54	
14:00	14.03	15.21	16.38	18.66	21.34	1.07	0.93	0.62	0.30	3.72	8.76	12.41	20.37	9.51	
15:00	14.97	16.66	18.41	20.79	23.47	1.67	1.25	0.70	0.42	57.98	25.40	83.37	13.70	9.62	
16:00	19.58	21.34	22.78	24.57	26.75	2.22	2.76	1.04	0.41	45.50	25.44	70.93	14.56	9.65	
17:00	13.35	14.71	15.77	16.91	17.86	2.48	1.56	0.76	0.38	15.09	21.83	36.92	17.39	9.63	
18:00	8.12	8.73	9.27	10.26	11.17	1.16	1.00	0.62	0.34	6.82	13.75	20.59	18.35	9.57	
19:00	6.72	7.11	7.43	8.04	8.89	1.64	1.08	0.61	0.35	7.28	13.78	21.05	19.85	9.58	
20:00	7.34	7.74	8.07	8.59	9.23	1.12	1.01	n/a	0.33	6.38	13.72	20.10	21.86	9.52	
21:00	7.37	7.76	8.05	8.72	9.54	1.01	0.86	n/a	0.29	3.52	11.20	14.71	23.04	9.47	
22:00	4.76	5.01	5.21	5.41	5.93	0.67	0.64	n/a	0.25	4.01	12.67	16.61	22.38	9.42	
23:00	6.65	6.99	7.22	7.57	8.14	0.68	n/a	n/a	0.27	2.00	10.45	12.26	23.76	9.45	
24:00	6.50	6.82	7.06	7.38	7.70	0.86	0.72	n/a	0.26	2.10	10.00	11.52	22.97	9.48	
Min	**4.76**	**5.01**	**5.21**	**5.41**	**5.93**	**0.67**	**0.64**	**0.61**	**0.23**	**1.18**	**7.04**	**8.13**	**7.60**	**9.30**	
Max	**30.94**	**33.68**	**35.53**	**38.23**	**41.61**	**2.48**	**2.76**	**1.04**	**0.42**	**57.98**	**25.44**	**83.37**	**23.76**	**9.65**	
Medie	**16.01**	**17.53**	**18.81**	**20.70**	**22.83**	**1.38**	**1.29**	**0.73**	**0.32**	**11.70**	**16.37**	**28.02**	**15.83**	**9.49**	

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

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	1
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