RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
26 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	78.97	82.08	84.19	90.34	99.36	7.46	4.94	n/a	1.27	36.33	26.76	63.10	7.62	7.87	
2:00	38.34	40.36	41.70	45.26	50.18	2.60	1.92	n/a	0.54	70.12	26.55	96.68	6.71	7.88	
3:00	24.87	26.59	27.82	30.57	34.47	2.12	1.52	0.58	0.38	37.83	24.50	62.33	6.91	7.93	
4:00	20.70	22.00	22.95	26.26	31.53	1.71	1.17	0.43	0.35	26.67	22.43	49.11	7.12	8.06	
5:00	18.87	20.07	21.01	23.67	28.07	1.49	1.08	0.39	0.32	46.84	20.17	67.01	7.03	8.10	
6:00	18.68	19.99	20.99	24.20	28.63	1.48	0.98	0.38	0.31	44.68	22.01	66.68	7.06	8.04	
7:00	21.10	22.57	23.76	27.57	33.17	1.82	1.06	0.35	0.33	44.00	21.52	65.53	7.10	8.06	
8:00	24.28	26.49	28.12	34.57	43.41	2.65	2.24	0.62	0.42	62.65	27.23	89.88	7.40	8.05	
9:00	23.70	25.70	27.33	31.89	38.80	1.83	1.38	0.44	0.49	35.99	25.72	61.71	7.60	7.98	
10:00	22.30	24.30	25.96	31.88	39.78	1.59	1.62	0.48	0.39	54.50	28.34	82.84	7.74	8.07	
11:00	23.47	25.74	27.69	34.84	46.81	1.99	4.75	n/a	0.36	46.80	27.21	74.01	13.98	8.29	
12:00	13.44	14.56	15.33	18.92	25.55	1.27	1.99	n/a	0.23	10.44	12.45	22.89	25.83	8.41	0.003
13:00	4.80	5.45	5.94	9.66	16.64	0.85	1.79	n/a	0.19	6.51	9.51	16.02	33.60	7.90	
14:00	4.18	4.52	4.90	5.63	6.64	0.85	0.83	n/a	0.18	6.50	9.19	15.69	34.61	7.92	
15:00	4.29	4.78	5.15	6.95	10.39	0.69	0.80	n/a	0.20	8.38	11.47	19.85	35.71	7.91	
16:00	4.42	4.85	5.19	6.59	8.49	0.62	0.64	n/a	0.21	9.36	14.75	24.12	39.15	8.01	
17:00	5.20	5.80	6.30	7.40	8.40	0.83	0.84	0.38	0.21	10.61	16.46	27.07	39.52	7.96	
18:00	6.60	7.18	7.63	8.40	9.07	1.02	0.81	0.36	0.23	14.34	23.25	37.58	35.21	8.01	
19:00	5.91	6.47	6.91	7.86	9.20	0.61	0.62	n/a	0.20	4.91	11.70	16.61	41.10	8.00	
20:00	3.82	4.44	4.93	6.09	7.91	0.93	0.54	n/a	0.15	2.50	6.51	9.02	41.84	8.02	
21:00	3.86	4.48	4.97	6.12	7.36	0.67	0.46	n/a	0.16	3.15	7.01	10.14	40.98	7.92	
22:00	3.40	3.99	4.42	6.02	8.31	0.46	0.44	n/a	0.17	2.91	6.12	9.02	40.57	7.94	
23:00	3.20	3.74	4.10	5.43	7.32	0.40	0.42	n/a	0.15	1.80	4.50	6.27	40.44	7.94	
24:00	4.87	5.51	5.98	7.16	8.76	0.60	0.50	0.30	0.16	1.65	5.30	6.91	38.00	7.97	
Min	**3.20**	**3.74**	**4.10**	**5.43**	**6.64**	**0.40**	**0.42**	**0.30**	**0.15**	**1.65**	**4.50**	**6.27**	**6.71**	**7.87**	
Max	**78.97**	**82.08**	**84.19**	**90.34**	**99.36**	**7.46**	**4.94**	**0.62**	**1.27**	**70.12**	**28.34**	**96.68**	**41.84**	**8.41**	
Medie	**15.97**	**17.15**	**18.05**	**20.97**	**25.34**	**1.52**	**1.39**	**0.43**	**0.32**	**24.56**	**17.11**	**41.67**	**23.87**	**8.01**	

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