RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
17 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	9.80	10.82	11.67	13.98	17.31	0.89	1.05	0.42	0.22	7.08	26.95	34.02	14.82	5.93	
2:00	18.86	20.08	21.03	23.56	26.22	1.40	2.36	n/a	0.24	8.30	29.99	38.29	9.32	5.91	
3:00	16.49	17.91	19.02	22.65	28.79	1.13	2.30	n/a	0.35	6.17	24.29	30.47	11.11	5.93	
4:00	12.73	13.94	14.92	17.54	20.84	1.00	1.48	n/a	0.23	10.32	25.92	36.24	11.11	5.91	
5:00	10.70	12.07	13.28	16.21	19.88	0.78	1.45	n/a	0.20	15.64	27.00	42.65	11.47	5.96	
6:00	11.75	12.87	13.77	16.23	19.59	0.90	1.09	n/a	0.25	44.23	24.31	68.54	8.37	5.96	
7:00	14.50	15.75	16.79	20.09	23.91	1.21	1.49	n/a	0.24	30.76	26.10	56.86	12.10	5.89	
8:00	12.37	14.24	15.88	21.87	30.23	1.12	1.27	n/a	0.26	42.52	26.01	68.53	13.00	5.94	
9:00	12.46	14.61	16.55	23.92	35.76	1.62	2.02	0.93	0.31	42.43	25.46	67.89	15.95	6.04	
10:00	14.00	16.61	18.83	29.83	46.58	1.35	1.91	0.69	0.27	48.90	27.46	76.36	17.30	6.09	
11:00	8.29	9.47	10.43	13.94	19.64	0.80	n/a	n/a	0.19	8.68	10.15	18.83	35.10	5.97	
12:00	4.97	5.89	6.62	10.78	19.26	0.62	0.55	0.39	0.15	5.42	6.56	11.99	44.42	5.88	0.003
13:00	4.08	4.81	5.36	8.17	12.38	0.48	0.54	n/a	0.13	3.06	4.78	7.83	48.81	5.90	
14:00	3.67	4.37	4.93	7.88	15.37	0.44	0.56	n/a	0.13	3.57	4.81	8.37	50.52	5.88	
15:00	4.14	4.81	5.30	7.31	10.61	0.47	0.59	n/a	0.13	2.27	4.24	6.50	51.71	5.92	
16:00	5.04	5.74	6.38	8.46	12.35	0.64	0.56	n/a	0.16	2.93	6.20	9.12	48.60	5.85	
17:00	5.38	6.14	6.79	9.24	12.95	1.03	0.63	0.42	0.16	2.73	6.20	8.93	46.42	6.01	
18:00	8.15	9.13	10.02	13.11	17.81	1.10	0.80	0.48	0.21	3.94	10.10	14.01	41.36	6.03	
19:00	11.11	12.19	13.01	16.64	21.50	1.58	0.99	n/a	0.24	4.75	11.47	16.22	37.56	5.91	
20:00	8.38	9.22	9.96	12.16	15.61	0.79	0.56	0.38	0.19	2.36	7.99	10.35	38.99	5.93	
21:00	9.19	10.08	10.77	13.37	17.52	1.05	0.72	0.41	0.24	3.06	9.23	12.30	38.01	6.01	
22:00	17.39	18.67	19.76	22.80	27.59	1.23	1.09	n/a	0.24	2.38	8.45	10.82	37.76	5.95	
23:00	9.39	10.29	11.12	12.32	14.20	0.71	0.62	n/a	0.21	2.23	8.92	11.15	35.06	6.01	
24:00	8.49	9.25	9.85	10.86	11.93	0.62	0.59	0.36	0.18	1.74	6.73	8.46	33.34	6.01	
Min	**3.67**	**4.37**	**4.93**	**7.31**	**10.61**	**0.44**	**0.54**	**0.36**	**0.13**	**1.74**	**4.24**	**6.50**	**8.37**	**5.85**	
Max	**18.86**	**20.08**	**21.03**	**29.83**	**46.58**	**1.62**	**2.36**	**0.93**	**0.35**	**48.90**	**29.99**	**76.36**	**51.71**	**6.09**	
Medie	**10.06**	**11.21**	**12.17**	**15.54**	**20.74**	**0.96**	**1.10**	**0.50**	**0.21**	**12.73**	**15.39**	**28.11**	**29.68**	**5.95**	

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)	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