RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
06 SEPTEMBRIE 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	3.84	5.45	6.73	15.24	28.24	0.26	0.50	n/a	0.16	1.85	24.75	26.58	17.29	28.16	
2:00	3.81	5.22	6.51	12.61	21.73	0.26	0.55	n/a	0.16	1.15	24.40	25.56	13.45	28.38	
3:00	4.44	5.93	7.21	13.49	21.93	0.26	0.47	0.97	0.15	1.49	22.89	24.36	12.52	28.70	
4:00	3.36	4.60	5.75	10.93	17.98	0.24	n/a	n/a	0.15	3.59	25.35	28.94	8.43	28.24	
5:00	3.37	4.67	5.73	11.65	20.29	0.24	0.43	0.86	0.15	9.76	27.89	37.64	5.67	28.29	
6:00	3.30	4.54	5.66	10.77	17.69	0.24	0.46	0.84	0.15	7.54	24.73	32.27	6.22	28.53	
7:00	4.03	6.06	7.77	18.39	33.02	0.30	0.57	n/a	0.17	30.68	27.13	57.81	4.22	28.72	
8:00	4.47	6.97	9.12	22.57	45.57	0.41	0.81	0.79	0.20	32.62	25.54	58.17	10.56	28.51	
9:00	8.02	11.12	13.58	30.30	59.64	0.78	1.86	n/a	0.25	35.11	33.15	68.26	17.36	28.37	
10:00	11.63	16.37	20.26	46.27	96.00	0.65	1.75	n/a	0.25	37.51	40.29	77.80	25.96	29.10	
11:00	8.10	11.38	14.16	30.02	57.61	0.42	0.93	1.06	0.21	29.57	36.30	65.87	38.10	28.95	
12:00	3.91	6.15	8.04	18.63	37.09	0.32	0.58	n/a	0.18	13.93	21.92	35.86	51.76	28.91	0.004
13:00	2.43	3.67	4.65	10.26	18.74	0.22	0.31	0.96	0.16	7.71	11.37	19.07	60.97	28.39	
14:00	2.62	3.61	4.44	8.60	15.10	0.32	0.50	n/a	0.16	7.45	10.33	17.79	62.28	28.09	
15:00	2.24	3.29	4.17	8.81	16.63	0.22	0.36	n/a	0.15	6.29	9.71	16.00	63.31	28.42	
16:00	2.12	3.15	3.98	8.77	17.26	0.31	0.85	n/a	0.16	7.06	10.75	17.81	63.20	28.25	
17:00	2.10	3.47	4.29	12.80	28.30	0.21	0.34	n/a	0.16	5.62	10.88	16.50	62.96	28.11	
18:00	2.28	3.32	4.14	8.80	15.47	0.29	0.58	n/a	0.17	4.32	10.41	14.71	62.89	28.20	
19:00	13.39	16.09	17.88	28.82	46.58	0.52	1.20	n/a	0.20	1.48	12.38	13.80	56.83	28.04	
20:00	2.88	4.95	6.86	17.11	32.95	0.23	0.47	n/a	0.18	5.78	19.94	25.64	45.85	28.71	
21:00	20.64	28.59	35.41	75.33	132.09	1.40	2.38	n/a	0.32	12.24	39.89	52.12	20.57	29.06	
22:00	30.77	39.27	46.47	88.14	143.91	1.93	2.50	n/a	0.30	5.41	21.91	27.30	29.39	29.14	
23:00	7.24	10.32	13.04	28.83	51.17	0.42	0.77	n/a	0.19	10.29	47.99	58.28	6.74	28.55	
24:00	4.40	6.46	8.21	17.72	31.28	0.44	0.71	n/a	0.18	11.53	51.25	62.78	2.93	29.16	
Min	**2.10**	**3.15**	**3.98**	**8.60**	**15.10**	**0.21**	**0.31**	**0.79**	**0.15**	**1.15**	**9.71**	**13.80**	**2.93**	**28.04**	
Max	**30.77**	**39.27**	**46.47**	**88.14**	**143.91**	**1.93**	**2.50**	**1.06**	**0.32**	**37.51**	**51.25**	**77.80**	**63.31**	**29.16**	
Medie	**6.48**	**8.94**	**11.00**	**23.12**	**41.93**	**0.45**	**0.86**	**0.91**	**0.19**	**12.08**	**24.63**	**36.71**	**31.23**	**28.54**	

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

Particule in suspensie (PM2,5)	1
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
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