RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
9 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	19.36	22.13	24.91	34.81	49.05	1.07	1.05	n/a	0.25	1.50	38.83	40.23	25.08	4.92	
2:00	19.93	22.86	25.50	37.23	50.81	1.17	1.53	n/a	0.27	2.37	46.57	48.95	16.00	4.85	
3:00	21.10	24.12	26.91	38.88	53.98	1.33	2.25	n/a	0.28	8.88	49.17	58.04	12.39	4.93	
4:00	16.66	18.98	21.08	30.47	41.67	0.76	0.83	n/a	0.20	2.95	47.31	50.26	17.17	4.84	
5:00	16.15	18.57	21.05	29.75	41.94	0.85	1.20	n/a	0.22	12.59	56.66	69.25	10.99	4.91	
6:00	16.58	19.63	22.52	35.09	51.72	0.80	1.08	0.55	0.23	45.44	56.76	102.19	9.50	4.97	
7:00	16.22	19.18	21.99	34.66	52.55	0.90	1.29	n/a	0.25	44.67	60.35	105.02	10.51	4.94	
8:00	16.67	20.48	24.16	40.60	61.52	1.00	1.43	0.60	0.26	56.63	63.37	119.99	13.11	5.03	
9:00	16.03	20.28	24.15	45.00	78.11	0.91	1.66	n/a	0.22	22.03	37.88	59.91	35.30	5.20	
10:00	10.62	13.85	16.61	33.23	65.97	0.44	1.92	0.78	0.14	4.71	10.04	14.76	52.43	5.26	
11:00	11.18	14.14	16.60	30.79	55.63	0.45	0.80	n/a	0.14	4.07	9.03	13.10	53.84	5.30	
12:00	10.08	13.53	16.60	33.73	71.53	0.34	1.04	n/a	0.12	3.24	6.27	9.50	55.24	5.24	0.005
13:00	5.70	8.75	11.24	27.05	58.08	0.26	0.58	0.47	0.09	3.45	5.37	8.82	54.29	4.90	
14:00	7.49	9.64	11.59	19.68	31.52	0.29	0.51	n/a	0.10	4.92	7.39	12.31	52.48	4.78	
15:00	7.83	10.02	12.11	20.93	33.48	0.39	0.58	n/a	0.11	3.69	6.92	10.62	53.35	4.79	
16:00	6.82	9.09	11.02	22.63	39.49	0.34	0.67	n/a	0.11	5.12	8.63	13.75	51.63	4.77	
17:00	5.40	6.91	8.34	15.43	25.61	0.42	1.46	n/a	0.12	4.15	7.87	12.02	51.18	4.79	
18:00	6.54	8.21	9.69	17.90	30.20	0.45	0.99	n/a	0.14	4.28	11.20	15.48	46.58	4.77	
19:00	8.33	10.06	11.65	19.61	30.86	1.36	1.10	n/a	0.22	6.53	17.79	24.31	43.16	4.78	
20:00	14.16	16.37	18.44	28.96	45.96	1.47	1.50	n/a	0.38	5.81	22.16	27.97	40.30	4.77	
21:00	30.71	34.26	36.99	50.27	67.54	2.21	2.41	n/a	0.47	4.20	25.71	29.91	33.03	4.83	
22:00	11.23	13.21	14.97	22.37	31.18	0.92	1.17	n/a	0.26	2.17	18.67	20.86	33.88	4.83	
23:00	22.58	25.90	28.66	40.65	56.74	2.27	10.03	n/a	0.39	3.24	30.46	33.71	23.17	4.76	
24:00	15.28	17.28	18.99	26.08	35.27	1.35	1.85	0.76	0.27	5.28	25.64	30.90	23.97	4.82	
Min	**5.40**	**6.91**	**8.34**	**15.43**	**25.61**	**0.26**	**0.51**	**0.47**	**0.09**	**1.50**	**5.37**	**8.82**	**9.50**	**4.76**	
Max	**30.71**	**34.26**	**36.99**	**50.27**	**78.11**	**2.27**	**10.03**	**0.78**	**0.47**	**56.63**	**63.37**	**119.99**	**55.24**	**5.30**	
Medie	**13.86**	**16.56**	**18.99**	**30.66**	**48.35**	**0.91**	**1.62**	**0.63**	**0.22**	**10.91**	**27.92**	**38.83**	**34.11**	**4.92**	

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)	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