RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
10 NOIEMBRIE 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	31.12	33.14	34.62	37.16	41.14	1.60	1.29	n/a	0.43	2.56	28.36	30.87	12.10	11.08	
2:00	31.74	33.71	35.06	36.67	38.71	1.61	1.29	n/a	0.43	4.84	26.83	31.58	10.14	11.07	
3:00	43.72	46.05	47.73	50.44	54.39	2.81	1.68	0.57	0.57	50.21	32.50	82.71	7.74	11.31	
4:00	48.18	50.58	52.51	55.32	58.28	2.43	1.53	0.53	0.58	70.28	31.76	102.04	7.07	11.53	
5:00	41.42	43.58	45.11	48.09	51.70	2.09	1.33	0.50	0.52	49.92	30.90	80.81	6.99	11.38	
6:00	37.51	39.48	41.12	43.53	47.54	1.81	1.21	0.45	0.45	46.62	32.78	79.40	6.95	11.35	
7:00	36.86	39.36	41.24	45.58	51.20	1.70	1.20	0.42	0.45	56.82	31.83	88.65	6.93	11.40	
8:00	37.63	41.08	43.49	49.20	55.97	2.08	1.22	0.44	0.42	94.37	29.75	124.12	7.02	11.45	
9:00	32.03	33.89	35.03	37.63	41.81	1.85	1.40	0.48	0.44	41.50	28.97	70.47	10.38	11.29	
10:00	29.80	32.42	34.30	39.52	46.35	2.19	2.67	0.78	0.47	58.86	31.76	90.62	10.65	11.41	
11:00	40.54	43.87	46.34	51.83	61.24	2.55	9.23	0.84	0.57	55.37	32.95	88.32	11.89	11.44	
12:00	53.82	59.14	62.79	74.31	90.62	3.30	4.32	n/a	0.67	74.57	41.32	115.89	12.81	11.40	0.005
13:00	51.00	56.71	60.92	73.97	94.42	1.98	3.18	0.98	0.55	67.78	46.06	113.83	14.88	11.34	
14:00	39.89	43.72	46.86	57.67	73.10	2.03	2.28	0.73	0.49	51.61	50.86	102.47	18.29	11.48	
15:00	43.08	46.90	49.97	62.08	78.00	2.05	n/a	n/a	0.54	48.67	55.25	103.92	15.30	11.43	
16:00	48.51	51.94	54.58	65.38	82.34	2.98	3.25	1.81	0.65	67.67	62.61	130.29	10.36	11.64	
17:00	51.99	54.98	57.30	64.26	74.80	4.22	4.64	1.41	0.99	77.65	62.86	140.51	8.45	11.47	
18:00	59.28	62.73	65.48	71.61	78.73	4.47	3.49	1.20	0.86	99.57	69.01	168.58	7.51	11.54	
19:00	66.33	70.62	73.82	77.86	82.07	3.81	3.32	n/a	0.92	82.52	65.47	147.98	7.88	11.54	
20:00	53.87	57.03	59.72	63.20	66.43	4.23	3.92	1.25	0.80	76.68	57.58	134.25	7.35	11.57	
21:00	60.46	64.20	67.41	70.38	73.69	4.86	3.83	1.30	0.93	87.94	59.16	147.08	7.37	11.53	
22:00	58.06	60.96	62.86	64.50	66.56	3.57	4.53	n/a	0.85	27.06	46.45	73.52	9.59	11.46	
23:00	34.21	35.92	37.15	38.15	39.14	2.23	2.02	n/a	0.51	11.53	28.65	40.16	16.95	11.38	
24:00	17.97	18.81	19.37	19.75	20.31	1.20	1.12	n/a	0.36	1.04	8.97	9.55	26.58	11.34	
Min	**17.97**	**18.81**	**19.37**	**19.75**	**20.31**	**1.20**	**1.12**	**0.42**	**0.36**	**1.04**	**8.97**	**9.55**	**6.93**	**11.07**	
Max	**66.33**	**70.62**	**73.82**	**77.86**	**94.42**	**4.86**	**9.23**	**1.81**	**0.99**	**99.57**	**69.01**	**168.58**	**26.58**	**11.64**	
Medie	**43.71**	**46.70**	**48.95**	**54.09**	**61.19**	**2.65**	**2.78**	**0.85**	**0.60**	**54.40**	**41.36**	**95.73**	**10.88**	**11.41**	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	2
Ozon (O3)	1
Particule in suspensie (PM10)	4

Indice zilnic general	4

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