RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
8 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	45.84	49.58	52.83	64.30	76.72	1.70	1.26	n/a	0.37	5.31	38.14	43.37	20.93	4.80	
2:00	42.70	46.44	49.78	61.51	75.07	1.59	1.17	n/a	0.34	6.99	41.85	48.81	16.64	4.72	
3:00	37.54	40.37	42.73	51.86	62.44	1.15	1.05	n/a	0.30	4.55	35.55	40.02	19.47	4.62	
4:00	34.40	36.91	39.13	45.88	53.34	1.00	0.93	n/a	0.27	11.24	44.67	55.90	13.37	4.60	
5:00	32.59	35.14	37.40	44.59	53.39	0.99	0.89	n/a	0.26	30.78	50.76	81.56	9.30	4.57	
6:00	31.46	34.09	36.22	45.00	55.43	1.07	1.23	n/a	0.25	36.92	46.09	83.01	10.57	4.65	
7:00	34.19	37.22	39.98	50.56	62.78	1.05	2.05	n/a	0.27	60.08	46.43	106.51	8.92	4.65	
8:00	34.98	38.62	41.75	54.58	70.73	1.10	1.20	0.48	0.29	130.51	52.50	183.01	9.73	4.78	
9:00	36.67	41.19	45.06	62.55	82.73	1.32	1.30	n/a	0.28	67.52	48.07	115.60	13.88	4.86	
10:00	40.61	46.87	52.37	81.21	121.61	1.56	3.12	n/a	0.37	50.93	49.24	100.17	24.73	4.76	
11:00	40.48	46.97	52.61	83.22	127.93	1.52	3.74	1.43	0.36	32.50	46.33	78.83	38.86	4.79	
12:00	26.82	33.01	37.78	75.67	140.53	0.92	1.78	n/a	0.26	23.50	39.24	62.73	52.42	4.87	0.007
13:00	19.23	23.91	27.74	54.46	96.72	0.70	1.27	n/a	0.22	17.83	31.64	49.46	64.49	4.99	
14:00	16.83	21.01	24.58	46.89	82.88	0.60	1.18	0.57	0.21	15.38	32.02	47.40	68.33	4.86	
15:00	12.10	15.07	17.60	33.51	60.19	0.49	1.04	n/a	0.18	22.25	31.13	53.36	69.90	4.89	
16:00	10.86	13.50	15.94	28.56	50.24	0.79	2.13	n/a	0.20	24.96	44.61	69.57	65.07	4.95	
17:00	10.29	12.77	14.92	27.95	48.38	0.71	0.91	n/a	0.19	18.96	32.88	51.66	69.54	4.97	
18:00	28.59	36.86	44.41	85.18	144.53	4.52	12.15	n/a	0.47	77.57	95.31	172.88	30.01	5.13	
19:00	36.17	45.31	53.14	100.55	162.10	3.67	4.31	n/a	0.46	10.73	58.96	69.67	39.38	5.01	
20:00	38.45	45.76	52.58	83.32	122.28	4.22	4.49	n/a	0.47	45.06	83.49	128.56	17.15	4.89	
21:00	30.90	37.62	44.26	71.06	103.44	1.77	2.59	n/a	0.37	41.63	91.58	133.22	11.75	4.98	
22:00	29.55	35.37	40.72	58.45	82.41	1.71	2.11	n/a	0.36	53.66	80.74	134.40	10.75	4.96	
23:00	23.94	28.00	31.77	44.83	60.57	1.80	1.59	0.73	0.32	24.63	74.64	99.27	11.91	5.21	
24:00	21.33	24.42	27.31	38.24	52.97	1.34	n/a	n/a	0.27	13.27	55.69	68.95	19.37	5.13	
Min	**10.29**	**12.77**	**14.92**	**27.95**	**48.38**	**0.49**	**0.89**	**0.48**	**0.18**	**4.55**	**31.13**	**40.02**	**8.92**	**4.57**	
Max	**45.84**	**49.58**	**53.14**	**100.55**	**162.10**	**4.52**	**12.15**	**1.43**	**0.47**	**130.51**	**95.31**	**183.01**	**69.90**	**5.21**	
Medie	**29.86**	**34.42**	**38.44**	**58.08**	**85.39**	**1.55**	**2.32**	**0.80**	**0.31**	**34.45**	**52.15**	**86.58**	**29.85**	**4.86**	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	3
Dioxid de sulf (SO2)	2
Ozon (O3)	2
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