RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
5 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	19.86	21.29	22.33	25.96	29.77	1.87	1.58	n/a	0.49	77.90	21.18	99.08	7.57	10.64	
2:00	31.81	33.61	34.89	37.60	39.90	2.80	2.38	n/a	0.70	57.29	16.62	73.90	7.66	10.63	
3:00	26.81	28.34	29.48	32.55	36.00	2.01	1.43	n/a	0.48	66.41	19.56	85.94	7.51	10.63	
4:00	20.84	22.27	23.47	26.88	31.21	1.83	1.31	n/a	0.45	50.24	15.97	66.21	7.34	10.51	
5:00	20.80	22.14	23.24	25.72	28.00	1.79	1.57	n/a	0.42	25.44	17.15	42.59	7.32	10.51	
6:00	21.08	23.10	24.93	31.05	38.80	2.72	1.66	n/a	0.47	27.09	22.81	49.89	7.41	10.43	
7:00	20.28	22.51	24.61	31.87	41.15	4.09	3.18	n/a	0.52	60.66	25.14	85.80	7.38	10.60	
8:00	28.04	31.39	34.63	46.57	61.71	3.10	3.39	n/a	0.65	102.19	31.97	134.16	8.21	10.51	
9:00	49.58	54.50	58.74	75.76	97.92	4.88	3.47	0.94	0.81	84.19	33.45	117.64	9.77	10.67	
10:00	18.21	21.89	25.91	39.20	56.13	1.12	1.10	0.53	0.31	34.95	20.19	55.14	18.08	10.90	
11:00	13.19	14.79	16.52	21.82	28.29	0.91	0.86	0.40	0.25	10.66	9.96	20.62	27.53	10.63	
12:00	14.06	15.73	17.36	23.35	31.90	1.07	0.92	0.47	0.25	18.48	14.70	33.19	27.48	10.70	0.004
13:00	15.39	18.09	20.76	32.34	50.06	1.05	1.28	n/a	0.27	32.51	24.48	56.98	28.40	10.59	
14:00	17.77	20.26	22.61	32.45	48.81	0.90	0.97	n/a	0.27	34.92	27.10	62.02	29.02	10.75	
15:00	11.85	13.17	14.56	19.14	27.45	0.92	0.84	0.55	0.27	10.80	13.10	23.91	34.08	10.61	
16:00	12.50	13.58	14.54	18.62	25.58	0.90	0.93	0.50	0.28	6.67	11.66	18.34	33.79	10.76	
17:00	13.48	14.93	16.32	21.41	29.76	1.67	1.27	0.55	0.35	18.28	20.60	38.88	28.34	10.72	
18:00	28.22	30.84	33.19	42.95	55.77	3.59	1.97	1.00	0.59	20.78	30.95	51.74	23.32	10.66	
19:00	35.72	38.70	41.34	53.74	69.72	2.47	n/a	n/a	0.68	30.07	48.04	78.13	13.12	10.72	
20:00	27.55	29.29	30.91	36.00	42.04	8.98	3.95	n/a	0.60	23.78	41.91	65.71	9.78	10.53	
21:00	21.78	23.41	24.84	31.15	38.38	2.69	2.10	n/a	0.49	8.89	37.13	46.01	9.39	10.49	
22:00	26.23	27.87	29.30	33.76	39.11	2.27	1.73	n/a	0.53	11.19	39.74	50.94	8.58	10.49	
23:00	25.77	27.48	28.76	32.66	37.35	2.13	2.10	0.73	0.49	29.25	36.17	65.42	9.58	10.65	
24:00	24.40	25.87	27.20	29.95	34.32	1.79	1.29	0.50	0.51	85.67	37.93	123.61	7.63	10.98	
Min	**11.85**	**13.17**	**14.54**	**18.62**	**25.58**	**0.90**	**0.84**	**0.40**	**0.25**	**6.67**	**9.96**	**18.34**	**7.32**	**10.43**	
Max	**49.58**	**54.50**	**58.74**	**75.76**	**97.92**	**8.98**	**3.95**	**1.00**	**0.81**	**102.19**	**48.04**	**134.16**	**34.08**	**10.98**	
Medie	**22.72**	**24.79**	**26.68**	**33.44**	**42.47**	**2.40**	**1.79**	**0.62**	**0.46**	**38.68**	**25.73**	**64.41**	**15.76**	**10.64**	

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

Particule in suspensie (PM2,5)	3
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	2

Indice zilnic general	3

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