RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
9 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	37.42	39.01	40.03	42.09	43.94	2.80	1.42	0.45	0.61	26.93	31.84	58.77	7.11	11.01	
2:00	35.36	36.95	37.91	40.28	43.20	2.36	1.30	0.40	0.65	23.75	30.76	54.52	7.28	11.09	
3:00	41.16	42.56	43.47	45.75	48.90	2.70	1.44	0.38	0.72	22.34	28.94	51.28	7.97	11.07	
4:00	33.49	34.62	35.43	37.22	39.14	2.13	1.27	0.34	0.62	23.23	27.89	51.12	7.27	11.00	
5:00	33.83	35.25	36.21	38.14	40.56	2.06	1.29	0.31	0.60	25.75	23.67	49.43	7.26	11.06	
6:00	31.24	32.95	34.17	36.65	39.26	1.54	1.02	0.26	0.53	50.67	25.59	76.24	6.87	11.09	
7:00	45.74	47.60	48.71	52.22	55.96	7.12	2.59	0.54	0.51	38.80	25.80	64.60	7.42	11.11	
8:00	30.01	31.70	32.91	36.20	41.47	1.96	1.35	0.35	0.57	78.87	27.40	106.27	7.23	11.17	
9:00	29.19	30.81	32.11	35.39	39.38	1.89	1.23	0.31	0.51	82.44	27.07	109.51	7.81	11.13	
10:00	27.64	29.44	30.86	35.83	43.85	1.95	n/a	n/a	0.43	41.49	25.03	66.52	9.91	11.05	
11:00	29.14	31.41	33.36	39.97	49.68	1.47	1.03	0.29	0.42	48.56	24.55	73.10	15.90	11.19	
12:00	35.52	37.98	40.06	47.37	59.53	2.05	2.07	0.61	0.46	31.45	24.88	56.33	23.09	11.04	0.007
13:00	45.28	48.59	51.53	61.99	79.57	2.37	1.83	n/a	0.54	42.67	41.93	84.60	19.88	11.08	
14:00	42.79	46.02	48.78	59.08	73.96	1.64	1.52	0.50	0.47	36.36	36.27	72.63	26.00	11.14	
15:00	31.42	34.29	36.64	45.18	57.85	1.60	1.71	0.54	0.43	53.22	42.60	95.82	25.29	11.21	
16:00	38.48	42.18	45.08	56.90	74.03	1.89	2.27	0.64	0.51	62.83	55.97	118.80	18.69	11.30	
17:00	56.58	61.87	66.12	79.88	102.50	3.65	8.29	n/a	0.74	57.27	67.36	124.63	12.05	11.37	
18:00	82.47	89.39	94.16	110.16	134.78	7.97	4.54	1.70	1.03	47.72	71.01	118.72	9.14	11.36	
19:00	54.66	59.71	63.60	80.47	103.69	2.47	2.39	0.78	0.70	31.63	63.98	95.61	10.83	11.15	
20:00	40.55	43.85	46.26	55.15	68.30	2.27	1.52	n/a	0.49	15.91	39.04	54.97	17.35	11.11	
21:00	35.93	38.35	40.07	43.82	48.94	2.68	1.52	n/a	0.57	3.72	23.20	26.84	26.03	11.06	
22:00	51.24	54.28	56.57	62.62	70.95	4.75	2.19	n/a	0.87	3.52	26.40	29.92	25.70	11.07	
23:00	22.43	23.82	24.97	27.40	29.96	1.26	1.10	n/a	0.37	2.32	12.69	14.78	36.45	11.01	
24:00	24.34	25.93	27.24	29.42	32.16	1.76	1.24	n/a	0.42	6.06	28.76	34.80	18.06	11.04	
Min	**22.43**	**23.82**	**24.97**	**27.40**	**29.96**	**1.26**	**1.02**	**0.26**	**0.37**	**2.32**	**12.69**	**14.78**	**6.87**	**11.00**	
Max	**82.47**	**89.39**	**94.16**	**110.16**	**134.78**	**7.97**	**8.29**	**1.70**	**1.03**	**82.44**	**71.01**	**124.63**	**36.45**	**11.37**	
Medie	**39.00**	**41.61**	**43.59**	**49.97**	**59.23**	**2.68**	**2.01**	**0.53**	**0.57**	**35.73**	**34.69**	**70.41**	**15.02**	**11.12**	

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)	1
Ozon (O3)	1
Particule in suspensie (PM10)	3

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