RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
15 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	26.18	27.56	28.53	31.20	34.57	2.16	1.33	0.47	0.61	12.73	32.47	45.20	7.28	12.75	
2:00	29.56	31.01	32.01	34.21	36.82	2.06	1.28	0.41	0.55	5.89	25.89	31.77	9.12	12.73	
3:00	24.44	25.73	26.63	28.58	31.17	1.65	1.21	0.38	0.48	2.11	18.62	20.63	12.28	12.76	
4:00	22.82	24.01	24.86	26.79	29.75	1.76	1.11	0.34	0.45	5.48	23.39	28.86	8.32	12.69	
5:00	19.93	21.04	21.84	23.86	27.29	1.50	1.05	0.31	0.42	12.84	23.47	36.34	6.70	12.75	
6:00	19.81	20.86	21.61	23.29	25.39	1.37	0.96	0.32	0.42	9.40	21.70	31.10	8.15	12.80	
7:00	19.75	20.88	21.66	23.71	26.59	1.34	1.03	0.32	0.39	10.22	21.75	31.98	8.08	12.78	
8:00	24.73	26.18	27.18	30.37	33.62	1.91	1.20	0.32	0.48	12.92	21.65	34.55	9.69	12.70	
9:00	47.94	50.68	52.90	59.87	69.38	4.69	2.88	0.69	0.74	23.81	21.61	45.42	12.99	12.76	
10:00	31.11	33.47	35.63	40.78	48.68	2.72	1.50	0.42	0.47	21.21	18.21	39.43	22.51	12.82	
11:00	25.70	27.61	29.13	33.69	40.15	2.23	n/a	n/a	0.42	12.53	13.71	26.25	30.03	12.89	
12:00	17.07	18.74	19.97	24.39	30.18	1.06	0.77	0.25	0.32	8.81	10.88	19.70	35.55	12.74	0.006
13:00	13.67	14.78	15.64	17.18	18.83	0.87	0.73	n/a	0.29	5.55	8.73	14.13	39.31	12.69	
14:00	11.41	12.39	13.13	15.03	17.57	0.83	0.68	0.28	0.31	3.01	8.68	11.58	42.07	12.56	
15:00	11.77	12.65	13.31	15.11	17.72	1.12	0.63	0.26	0.35	4.69	10.06	14.70	42.28	12.69	
16:00	10.25	11.54	12.58	16.00	21.73	0.79	0.69	0.28	0.36	10.25	19.24	29.48	36.26	12.78	
17:00	22.45	24.71	26.64	33.30	43.50	3.17	2.70	0.65	0.50	16.52	34.21	50.55	28.26	12.89	
18:00	41.28	46.32	49.92	62.12	77.34	2.84	2.10	n/a	0.98	56.53	56.44	112.97	11.35	12.74	
19:00	180.67	186.98	191.50	205.96	227.55	14.25	5.98	n/a	2.33	49.72	53.80	103.52	9.06	12.86	
20:00	76.04	79.11	81.49	88.36	98.25	3.87	2.51	n/a	1.07	83.01	53.36	136.36	7.24	12.75	
21:00	52.86	55.14	56.87	61.85	68.33	3.31	1.64	n/a	0.94	112.25	52.83	165.08	6.43	12.80	
22:00	45.61	47.83	49.55	55.24	62.37	3.86	2.22	0.61	1.07	71.99	46.09	118.09	6.63	12.91	
23:00	27.79	28.91	29.79	32.20	35.28	2.58	1.43	0.44	0.65	16.91	38.16	55.07	7.11	12.91	
24:00	27.93	29.17	30.03	32.74	36.37	2.32	1.35	0.41	0.66	18.19	38.83	57.03	6.91	12.94	
Min	**10.25**	**11.54**	**12.58**	**15.03**	**17.57**	**0.79**	**0.63**	**0.25**	**0.29**	**2.11**	**8.68**	**11.58**	**6.43**	**12.56**	
Max	**180.67**	**186.98**	**191.50**	**205.96**	**227.55**	**14.25**	**5.98**	**0.69**	**2.33**	**112.25**	**56.44**	**165.08**	**42.28**	**12.94**	
Medie	**34.62**	**36.56**	**38.02**	**42.33**	**48.27**	**2.68**	**1.61**	**0.40**	**0.64**	**24.44**	**28.07**	**52.49**	**17.23**	**12.78**	

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