RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
29 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	47.17	49.93	52.09	57.43	63.21	5.57	3.54	1.00	1.02	21.14	24.23	45.39	8.27	8.58	
2:00	42.35	44.83	46.88	51.20	57.17	3.68	3.37	0.97	0.89	26.60	23.73	50.32	8.17	8.71	
3:00	28.34	30.29	31.77	36.40	43.40	2.10	1.73	n/a	0.54	61.07	22.58	83.66	7.79	8.78	
4:00	20.64	22.64	24.45	29.13	36.13	2.29	4.54	1.00	0.51	86.57	21.93	108.49	7.80	8.70	
5:00	21.07	22.81	24.15	27.99	32.07	1.89	1.80	0.70	0.44	67.11	20.31	87.43	7.83	8.80	
6:00	22.87	24.81	26.43	30.58	36.50	2.50	3.18	1.01	0.56	63.69	18.55	82.23	8.00	8.83	
7:00	24.24	26.60	28.57	34.67	43.06	2.52	3.26	1.04	0.54	62.23	18.06	80.27	7.85	8.77	
8:00	28.69	31.57	34.02	41.00	52.52	2.90	2.96	0.94	0.59	95.44	22.08	117.52	7.91	8.77	
9:00	28.58	31.24	33.50	39.86	48.53	2.61	2.94	0.91	0.59	58.64	19.60	78.23	8.06	8.86	
10:00	27.06	29.66	31.86	38.93	48.91	3.60	5.49	n/a	0.55	36.44	22.22	58.66	8.77	8.86	
11:00	26.14	30.13	34.02	46.79	65.65	2.30	3.72	1.20	0.54	56.65	27.67	84.34	9.05	8.91	
12:00	28.17	33.40	38.69	57.58	83.72	2.83	3.76	1.23	0.55	56.21	30.52	86.72	10.69	8.95	0.005
13:00	28.42	33.42	37.62	60.84	97.80	2.44	n/a	n/a	0.43	37.03	33.05	70.08	14.25	8.84	
14:00	23.26	26.02	28.28	38.61	54.19	1.28	1.93	n/a	0.36	28.49	34.90	63.37	16.01	8.84	
15:00	24.94	27.77	30.17	39.73	51.23	1.31	2.33	n/a	0.37	22.51	32.61	55.11	17.26	8.76	
16:00	27.44	30.47	32.98	42.65	56.06	1.96	3.79	n/a	0.39	40.76	39.86	80.63	14.13	8.84	
17:00	27.45	31.32	34.83	48.50	68.63	1.68	3.34	1.61	0.49	78.55	48.05	126.60	9.14	9.00	
18:00	36.64	40.69	44.18	55.51	72.37	5.36	4.33	n/a	0.63	78.67	47.43	126.11	8.32	9.06	
19:00	73.00	79.61	84.93	103.51	129.76	12.31	9.64	3.64	1.41	125.07	48.24	173.30	8.86	8.99	
20:00	44.57	48.48	51.57	63.55	80.28	1.89	2.28	1.12	0.57	76.63	37.74	114.36	7.86	9.12	
21:00	41.07	44.56	47.21	54.51	64.00	3.68	2.92	1.09	0.68	69.75	39.39	109.15	8.05	9.00	
22:00	52.43	59.26	64.39	69.54	76.86	3.35	2.64	1.01	0.65	77.88	35.98	113.87	8.07	8.93	
23:00	36.27	39.97	42.74	47.74	53.62	2.68	2.32	0.86	0.58	54.19	28.58	82.77	7.81	9.08	
24:00	30.84	33.49	35.72	40.32	45.76	2.23	2.14	0.77	0.54	70.31	28.46	98.77	7.77	9.06	
Min	**20.64**	**22.64**	**24.15**	**27.99**	**32.07**	**1.28**	**1.73**	**0.70**	**0.36**	**21.14**	**18.06**	**45.39**	**7.77**	**8.58**	
Max	**73.00**	**79.61**	**84.93**	**103.51**	**129.76**	**12.31**	**9.64**	**3.64**	**1.41**	**125.07**	**48.24**	**173.30**	**17.26**	**9.12**	
Medie	**32.98**	**36.37**	**39.21**	**48.19**	**60.89**	**3.12**	**3.39**	**1.18**	**0.60**	**60.48**	**30.24**	**90.72**	**9.49**	**8.88**	

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