

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
27 FEBRUARIE 2025**



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	Formald ehida
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	56.59	58.14	58.91	60.37	62.18	5.38	2.50	0.70	1.00	4.49	21.14	25.63	23.37	8.87	N/A
2:00	50.22	51.99	52.75	53.64	55.27	3.88	1.90	0.59	0.94	4.99	19.29	24.28	24.31	8.63	
3:00	86.57	89.01	90.02	91.45	93.39	5.67	3.06	0.87	1.42	5.28	18.42	23.70	9.30	8.72	
4:00	69.56	71.40	72.22	73.73	75.77	4.93	2.72	0.81	1.18	6.87	18.75	25.62	6.80	8.58	
5:00	57.52	59.26	60.07	61.63	64.33	4.48	2.80	0.73	1.03	7.32	18.03	25.36	7.33	8.52	
6:00	65.23	69.22	71.02	72.36	74.43	4.38	2.77	0.73	0.99	7.92	17.74	25.66	5.45	8.70	
7:00	52.56	55.01	56.29	57.90	60.32	4.25	2.67	0.79	0.91	17.67	17.98	35.69	3.38	9.36	
8:00	88.98	93.54	96.53	102.06	107.64	9.03	5.04	1.12	1.44	33.06	19.18	52.29	3.78	9.48	
9:00	124.56	128.40	130.62	138.02	148.19	13.70	6.48	1.36	1.81	47.96	21.49	69.46	8.29	9.69	
10:00	71.79	76.12	79.61	92.22	111.10	6.31	3.37	0.86	0.80	43.47	24.52	68.02	16.62	9.58	
11:00	41.76	43.94	45.69	51.25	59.90	2.31	1.50	0.54	0.41	31.48	27.73	59.24	38.60	10.32	
12:00	43.63	46.05	47.84	55.68	68.40	2.24	1.33	0.48	0.41	18.17	29.58	47.78	49.69	10.26	
13:00	44.30	47.28	49.40	59.05	75.27	2.32	1.63	0.59	0.42	9.75	29.78	39.56	60.24	11.35	
14:00	37.43	39.90	41.82	49.41	62.49	1.97	1.29	0.53	0.39	5.66	28.26	33.93	67.62	12.01	
15:00	34.84	37.01	38.58	45.04	55.40	1.89	1.32	0.55	0.38	4.24	24.80	29.06	71.53	11.31	
16:00	37.34	40.55	43.37	54.31	72.58	2.15	1.45	1.38	0.47	4.01	22.93	26.94	64.74	11.93	
17:00	49.97	54.95	59.10	77.87	104.60	3.25	n/a	n/a	0.64	5.65	23.80	29.45	49.42	13.46	
18:00	57.95	64.30	69.80	91.78	120.78	4.19	2.32	1.86	0.79	6.69	25.93	32.62	36.82	11.34	
19:00	100.16	109.45	117.13	156.12	209.49	9.74	5.39	1.60	1.65	11.07	30.49	41.57	11.05	11.23	
20:00	92.05	96.52	99.83	112.79	132.48	13.15	4.99	2.85	1.60	10.87	32.65	43.54	21.53	10.16	
21:00	87.27	91.11	93.76	104.11	117.89	10.76	4.92	2.82	1.47	8.79	31.16	39.98	25.69	10.13	
22:00	82.78	86.21	88.55	95.30	104.18	9.86	4.24	2.39	1.46	6.80	29.06	35.87	21.83	9.32	
23:00	83.48	86.47	88.57	93.21	99.27	7.54	3.82	2.21	1.38	6.72	27.15	33.88	19.71	9.21	
24:00	81.09	84.16	86.05	89.53	93.94	9.36	n/a	2.39	1.49	6.54	25.76	32.32	15.58	9.03	
Min	34.84	37.01	38.58	45.04	55.27	1.89	1.29	0.48	0.38	4.01	17.74	23.70	3.38	8.52	
Max	124.56	128.40	130.62	156.12	209.49	13.70	6.48	2.85	1.81	47.96	32.65	69.46	71.53	13.46	
Medie	66.57	70.00	72.40	80.78	92.89	5.95	3.07	1.25	1.02	13.14	24.40	37.56	27.61	10.05	

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

Particule in suspensie (PM2,5)	5
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	4

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	5
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*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

N/A - Analizor trimis la producător pentru calibrare și update firmware