

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
25 IANUARIE 2026**



**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	155.32	157.98	158.92	159.90	161.23	13.58	6.05	1.00	2.45	12.00	40.91	52.92	2.40	9.22	N/A
2:00	150.55	153.08	154.06	155.14	156.55	15.27	6.47	1.03	2.51	8.67	39.85	48.53	1.38	9.21	
3:00	170.36	173.06	173.97	174.89	176.02	15.90	7.08	1.09	2.76	12.85	40.65	53.50	1.64	9.24	
4:00	144.59	147.01	147.82	148.54	149.97	9.16	3.87	0.77	2.13	6.19	32.83	39.02	1.48	9.13	
5:00	151.90	154.68	155.57	157.00	158.55	12.14	5.48	0.90	2.40	7.64	36.99	44.63	1.30	9.14	
6:00	141.26	143.92	145.01	146.52	148.47	9.35	3.82	0.77	1.97	6.68	36.00	42.68	1.32	9.06	
7:00	121.19	123.53	124.34	125.76	128.22	11.49	5.08	0.84	1.58	9.91	40.50	50.41	1.10	9.24	
8:00	124.05	126.40	127.37	129.62	132.70	14.24	n/a	n/a	1.65	11.56	43.29	54.86	1.67	9.26	
9:00	150.67	153.79	155.17	157.49	160.52	16.78	6.42	1.02	2.09	31.05	41.85	72.90	1.46	9.58	
10:00	147.39	150.86	152.20	154.54	157.09	14.33	5.10	0.86	1.92	28.34	42.49	70.84	5.57	9.43	
11:00	210.58	216.50	218.61	221.87	226.95	17.38	6.01	0.96	2.17	18.16	43.85	62.01	18.17	9.53	
12:00	119.54	122.78	124.09	125.64	128.09	5.07	2.03	0.45	1.08	6.81	23.45	30.26	31.29	9.35	
13:00	67.19	68.95	69.95	71.25	72.65	5.61	2.09	0.50	0.85	7.57	23.31	30.87	33.83	9.42	
14:00	97.13	99.48	100.72	103.65	108.84	6.01	2.09	0.44	1.09	11.21	38.78	49.99	33.74	9.55	
15:00	91.41	93.63	94.92	98.08	101.70	5.92	1.96	0.42	0.99	5.63	28.96	34.58	37.48	9.14	
16:00	96.64	98.62	99.72	101.87	105.51	7.02	2.91	0.59	1.21	7.72	41.74	49.46	28.17	9.27	
17:00	161.51	164.34	165.77	169.51	174.47	12.81	4.63	0.82	2.56	10.80	56.57	67.38	20.07	9.90	
18:00	143.69	146.00	147.26	148.99	151.15	17.45	4.68	0.83	1.99	5.46	38.82	44.29	23.57	9.66	
19:00	135.24	137.50	138.69	140.37	142.21	16.15	5.24	0.81	2.02	10.26	47.63	57.89	13.78	9.78	
20:00	178.91	181.30	182.48	184.78	188.07	18.96	6.27	1.03	2.54	20.72	57.90	78.61	5.45	9.77	
21:00	128.70	130.65	131.80	133.55	135.95	12.78	4.35	0.75	2.17	15.92	53.15	69.06	4.25	9.69	
22:00	112.65	114.40	115.43	116.72	117.97	11.23	4.89	0.84	1.71	11.68	36.99	48.67	9.88	9.44	
23:00	120.97	122.93	124.12	125.49	127.19	8.35	3.10	0.63	1.92	8.66	34.68	43.34	8.65	9.43	
24:00	81.49	83.23	84.35	85.90	88.60	7.21	3.18	0.59	1.37	3.41	22.46	25.88	14.58	9.30	
<b>Min</b>	<b>67.19</b>	<b>68.95</b>	<b>69.95</b>	<b>71.25</b>	<b>72.65</b>	<b>5.07</b>	<b>1.96</b>	<b>0.42</b>	<b>0.85</b>	<b>3.41</b>	<b>22.46</b>	<b>25.88</b>	<b>1.10</b>	<b>9.06</b>	
<b>Max</b>	<b>210.58</b>	<b>216.50</b>	<b>218.61</b>	<b>221.87</b>	<b>226.95</b>	<b>18.96</b>	<b>7.08</b>	<b>1.09</b>	<b>2.76</b>	<b>31.05</b>	<b>57.90</b>	<b>78.61</b>	<b>37.48</b>	<b>9.90</b>	
<b>Medie</b>	<b>133.46</b>	<b>136.03</b>	<b>137.18</b>	<b>139.05</b>	<b>141.61</b>	<b>11.84</b>	<b>4.47</b>	<b>0.78</b>	<b>1.88</b>	<b>11.62</b>	<b>39.32</b>	<b>50.94</b>	<b>12.59</b>	<b>9.41</b>	

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

Particule in suspensie (PM2,5)	6
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	5

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

Indice zilnic general	6
-----------------------	---

\*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 - Analizorul de formaldehidă (CHOH) trimis in Finlanda pentru calibrare în laborator