

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
17 MARTIE 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	2.88	3.09	3.30	3.73	4.44	0.74	0.46	0.42	0.20	4.68	6.56	11.22	50.62	8.42	N/A
2:00	3.82	4.05	4.30	4.50	4.84	0.75	0.45	0.37	0.21	4.35	6.09	10.42	48.30	8.34	
3:00	4.58	4.82	5.07	5.44	6.11	0.66	0.39	0.40	0.20	4.57	5.79	10.35	50.94	8.41	
4:00	4.61	4.81	5.00	5.31	5.57	0.61	0.36	0.36	0.19	4.33	5.40	9.72	53.33	8.48	
5:00	5.48	5.70	5.94	6.14	6.54	0.82	0.43	0.86	0.20	4.21	5.16	9.37	52.69	8.42	
6:00	7.32	7.67	8.00	9.12	10.54	0.72	0.48	0.35	0.25	4.32	5.06	9.38	49.93	8.43	
7:00	8.87	9.26	9.54	11.27	13.96	0.87	0.64	0.37	0.30	4.10	6.01	10.09	47.39	8.44	
8:00	5.07	5.44	5.83	7.16	8.66	0.85	0.58	0.37	0.26	4.52	8.00	12.51	43.35	8.44	
9:00	4.82	5.12	5.40	6.11	6.87	0.90	0.66	0.43	0.27	4.61	9.78	14.37	39.92	8.43	
10:00	3.50	3.63	3.73	4.03	4.37	0.99	0.82	0.45	0.26	5.02	10.40	15.42	41.71	8.43	
11:00	2.47	2.66	2.77	3.65	5.36	0.89	0.64	0.42	0.27	4.63	11.64	16.25	39.28	8.42	
12:00	4.68	5.06	5.40	6.49	8.06	1.30	0.77	0.41	0.27	5.41	12.58	17.98	45.80	8.44	
13:00	3.75	4.11	4.45	5.23	6.01	0.77	0.47	0.39	0.21	3.84	11.60	15.43	65.98	8.31	
14:00	3.22	3.50	3.77	4.10	4.39	0.52	0.37	0.36	0.22	3.62	9.58	13.19	68.07	8.34	
15:00	5.40	5.72	6.07	6.38	6.66	0.69	0.49	0.40	0.23	3.88	7.92	11.80	69.00	8.39	
16:00	9.13	9.60	10.03	10.77	11.97	0.88	0.50	0.39	0.25	3.51	7.57	11.07	70.44	8.37	
17:00	7.88	8.32	8.77	9.36	10.42	1.38	0.64	0.42	0.24	3.52	7.27	10.78	68.06	8.40	
18:00	13.60	14.18	14.64	15.56	16.73	6.42	1.47	0.47	0.57	3.64	7.59	11.22	60.41	8.42	
19:00	15.13	15.62	15.95	16.36	16.72	4.26	1.49	0.52	0.68	3.14	9.69	12.83	54.45	8.35	
20:00	13.05	13.47	13.77	14.78	15.95	2.17	n/a	n/a	0.43	3.49	10.60	14.09	56.26	8.43	
21:00	17.45	17.89	18.18	18.54	18.86	1.86	1.06	0.46	0.50	3.55	11.14	14.69	45.79	8.40	
22:00	16.72	17.21	17.50	18.22	19.19	1.74	0.92	0.39	0.41	3.57	12.09	15.66	39.60	8.31	
23:00	15.01	15.80	16.40	18.50	21.52	1.54	0.83	0.40	0.36	3.62	13.48	17.10	38.69	8.36	
24:00	3.84	4.07	4.28	4.54	4.73	0.75	0.44	0.30	0.21	3.41	10.97	14.39	56.06	8.26	
<b>Min</b>	<b>2.47</b>	<b>2.66</b>	<b>2.77</b>	<b>3.65</b>	<b>4.37</b>	<b>0.52</b>	<b>0.36</b>	<b>0.30</b>	<b>0.19</b>	<b>3.14</b>	<b>5.06</b>	<b>9.37</b>	<b>38.69</b>	<b>8.26</b>	
<b>Max</b>	<b>17.45</b>	<b>17.89</b>	<b>18.18</b>	<b>18.54</b>	<b>21.52</b>	<b>6.42</b>	<b>1.49</b>	<b>0.86</b>	<b>0.68</b>	<b>5.41</b>	<b>13.48</b>	<b>17.98</b>	<b>70.44</b>	<b>8.48</b>	
<b>Medie</b>	<b>7.59</b>	<b>7.95</b>	<b>8.25</b>	<b>8.97</b>	<b>9.94</b>	<b>1.38</b>	<b>0.67</b>	<b>0.42</b>	<b>0.30</b>	<b>4.06</b>	<b>8.83</b>	<b>12.89</b>	<b>52.34</b>	<b>8.39</b>	

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

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

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

Indice zilnic general	2
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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