

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
24 FEBRUARIE 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	9.89	10.36	10.70	10.93	11.31	0.80	0.41	0.18	0.33	0.73	3.75	3.96	34.05	12.17	N/A
2:00	7.23	7.57	7.90	8.39	8.79	0.74	n/a	n/a	0.33	0.37	2.73	2.31	35.85	11.96	
3:00	5.36	5.61	5.85	6.00	6.11	0.48	0.27	0.15	0.31	0.46	2.41	2.19	39.00	11.88	
4:00	4.92	5.18	5.42	5.77	6.37	0.47	0.26	0.15	0.30	0.43	1.76	1.37	37.91	11.87	
5:00	3.43	3.67	3.94	4.19	5.26	0.33	0.23	0.14	0.30	0.43	1.45	0.98	39.68	11.95	
6:00	1.80	2.00	2.24	2.49	2.99	0.31	0.21	0.15	0.28	1.15	4.37	5.18	39.51	12.05	
7:00	3.82	4.05	4.35	4.63	5.07	1.90	0.55	0.21	0.27	1.67	5.08	6.71	41.82	11.99	
8:00	7.44	7.71	7.98	8.38	8.69	1.11	0.43	0.19	0.27	2.99	7.19	10.14	42.50	11.93	
9:00	3.21	3.40	3.57	4.15	5.16	1.08	0.46	0.18	0.26	2.44	5.53	7.97	43.37	11.83	
10:00	1.48	1.60	1.75	1.97	2.18	0.44	0.26	0.14	0.24	2.12	5.26	7.29	44.93	11.85	
11:00	2.68	2.94	3.15	3.57	4.11	0.49	0.26	0.14	0.24	2.61	6.26	8.83	45.35	11.86	
12:00	6.35	6.91	7.25	8.03	8.81	0.79	0.65	0.18	0.24	4.81	10.55	15.36	42.54	12.02	
13:00	3.62	4.03	4.32	4.99	5.61	0.67	0.38	0.17	0.25	5.22	10.53	15.75	41.84	11.98	
14:00	3.94	4.42	4.71	5.59	6.74	0.53	0.35	0.16	0.25	3.98	7.92	11.90	40.75	11.95	
15:00	3.17	3.52	3.81	4.36	5.57	0.76	0.60	0.19	0.25	4.07	9.57	13.65	40.96	11.74	
16:00	7.43	7.64	7.84	8.31	9.05	1.36	0.60	0.21	0.26	2.17	10.50	12.49	41.40	11.71	
17:00	9.89	10.17	10.34	11.20	12.14	1.45	0.63	0.22	0.28	5.94	18.12	24.06	37.22	12.15	
18:00	11.08	11.43	11.70	12.52	14.69	0.92	0.60	0.20	0.30	4.99	18.12	23.09	34.72	11.90	
19:00	10.01	10.45	10.80	12.94	16.57	0.88	0.56	0.21	0.31	4.79	16.29	21.08	36.12	12.01	
20:00	5.25	5.63	6.03	7.37	9.50	1.04	0.47	0.21	0.31	2.13	10.13	12.20	40.61	11.99	
21:00	5.05	5.54	5.95	8.70	12.85	1.41	0.48	0.20	0.31	1.63	7.81	9.36	41.43	11.92	
22:00	5.23	5.57	5.92	6.79	7.47	0.81	0.38	0.19	0.31	1.31	5.57	6.68	40.89	11.96	
23:00	5.06	5.37	5.62	6.64	7.85	1.21	0.46	0.19	0.31	0.91	5.32	6.03	41.78	11.81	
24:00	3.40	3.65	3.88	4.69	5.38	0.80	0.36	0.19	0.30	0.74	4.38	4.63	43.06	11.87	
<b>Min</b>	<b>1.48</b>	<b>1.60</b>	<b>1.75</b>	<b>1.97</b>	<b>2.18</b>	<b>0.31</b>	<b>0.21</b>	<b>0.14</b>	<b>0.24</b>	<b>0.37</b>	<b>1.45</b>	<b>0.98</b>	<b>34.05</b>	<b>11.71</b>	
<b>Max</b>	<b>11.08</b>	<b>11.43</b>	<b>11.70</b>	<b>12.94</b>	<b>16.57</b>	<b>1.90</b>	<b>0.65</b>	<b>0.22</b>	<b>0.33</b>	<b>5.94</b>	<b>18.12</b>	<b>24.06</b>	<b>45.35</b>	<b>12.17</b>	
<b>Medie</b>	<b>5.45</b>	<b>5.77</b>	<b>6.04</b>	<b>6.77</b>	<b>7.84</b>	<b>0.87</b>	<b>0.43</b>	<b>0.18</b>	<b>0.28</b>	<b>2.42</b>	<b>7.53</b>	<b>9.72</b>	<b>40.30</b>	<b>11.93</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)	1
Particule in suspensie (PM10)	1

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

Indice zilnic general	1
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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 - Analizorul de formaldehidă (CHOH) trimis in Finlanda pentru calibrare în laborator