

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
26 MAI 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	10.59	12.22	13.80	18.81	26.07	0.35	0.89	1.13	0.14	6.12	34.34	40.48	10.27	17.33	N/A
2:00	10.66	12.22	13.95	17.76	23.33	0.31	1.00	1.11	0.13	4.88	26.89	31.78	10.08	17.62	
3:00	11.12	12.79	14.63	19.14	25.49	0.30	0.97	1.11	0.13	5.88	32.23	38.12	4.94	17.75	
4:00	11.06	12.90	15.03	19.39	25.43	0.26	n/a	n/a	0.13	18.05	28.80	46.86	5.93	17.50	
5:00	10.14	11.99	14.16	18.75	25.21	0.25	0.66	1.00	0.12	22.60	32.53	55.13	1.79	17.43	
6:00	9.21	11.16	13.39	18.94	26.81	0.25	0.65	0.93	0.12	33.05	27.27	60.34	3.06	17.70	
7:00	8.84	10.79	12.72	20.72	31.91	0.24	0.70	0.92	0.12	31.72	24.80	56.53	6.95	17.81	
8:00	9.17	10.96	12.73	20.05	31.65	0.27	0.59	0.88	0.13	18.53	19.42	37.95	19.24	17.86	
9:00	5.29	6.98	8.43	17.38	32.89	0.19	0.52	0.86	0.13	7.86	11.92	19.78	44.59	17.81	
10:00	3.31	4.77	6.20	12.78	23.65	0.21	0.38	0.88	0.12	6.61	9.46	16.06	55.76	17.98	
11:00	3.48	4.96	6.32	13.49	23.78	0.23	0.66	0.93	0.14	10.42	14.80	25.23	56.96	17.93	
12:00	3.58	5.21	6.66	14.39	26.79	0.20	0.58	1.03	0.13	12.45	15.50	27.95	59.65	18.15	
13:00	4.05	5.63	7.11	14.35	25.28	0.23	0.81	1.14	0.13	9.20	16.45	25.65	62.60	18.39	
14:00	2.75	3.94	5.18	10.21	16.57	0.26	0.84	1.15	0.12	7.49	12.14	19.63	62.16	17.85	
15:00	3.25	4.49	5.53	12.26	25.58	0.23	0.72	1.19	0.13	13.91	17.43	31.34	56.95	17.78	
16:00	3.36	4.56	5.74	11.26	20.37	0.25	0.59	1.14	0.12	7.99	11.03	19.02	59.29	17.54	
17:00	3.72	4.99	6.18	12.33	25.41	0.20	0.52	1.22	0.13	7.20	10.59	17.79	61.27	17.56	
18:00	3.86	5.22	6.46	13.40	24.44	0.21	0.76	1.36	0.13	5.60	9.15	14.76	58.11	17.71	
19:00	4.16	5.78	7.35	14.64	27.07	0.25	0.57	1.45	0.13	4.86	7.37	12.23	53.71	17.69	
20:00	4.31	5.94	7.61	15.07	27.28	0.32	0.79	1.39	0.15	4.18	10.64	14.83	48.39	17.66	
21:00	3.52	5.43	7.27	16.89	30.16	0.24	0.69	1.33	0.13	2.71	22.31	25.01	39.18	17.54	
22:00	6.08	9.16	12.11	25.67	47.09	0.93	1.80	1.61	0.19	7.23	23.75	30.99	33.26	17.84	
23:00	8.74	12.61	16.12	34.67	66.35	0.53	1.34	1.49	0.16	5.46	25.78	31.24	24.53	17.81	
24:00	9.71	13.71	17.94	34.67	56.68	0.62	1.52	1.56	0.16	4.32	36.66	40.98	14.34	17.80	
<b>Min</b>	<b>2.75</b>	<b>3.94</b>	<b>5.18</b>	<b>10.21</b>	<b>16.57</b>	<b>0.19</b>	<b>0.38</b>	<b>0.86</b>	<b>0.12</b>	<b>2.71</b>	<b>7.37</b>	<b>12.23</b>	<b>1.79</b>	<b>17.33</b>	
<b>Max</b>	<b>11.12</b>	<b>13.71</b>	<b>17.94</b>	<b>34.67</b>	<b>66.35</b>	<b>0.93</b>	<b>1.80</b>	<b>1.61</b>	<b>0.19</b>	<b>33.05</b>	<b>36.66</b>	<b>60.34</b>	<b>62.60</b>	<b>18.39</b>	
<b>Medie</b>	<b>6.42</b>	<b>8.27</b>	<b>10.11</b>	<b>17.79</b>	<b>29.80</b>	<b>0.31</b>	<b>0.81</b>	<b>1.17</b>	<b>0.13</b>	<b>10.76</b>	<b>20.05</b>	<b>30.82</b>	<b>35.54</b>	<b>17.75</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 - Analizorul de formaldehidă (CHOH) trimis in Finlanda pentru calibrare în laborator