

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES**  
**12 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	8.42	10.78	13.56	16.69	20.26	0.30	0.65	0.83	0.15	3.05	11.70	14.77	21.81	13.41	N/A
2:00	6.57	8.63	11.05	14.46	19.18	0.32	0.83	0.82	0.14	1.97	8.56	10.54	25.66	13.37	
3:00	5.81	7.92	10.52	13.48	16.93	0.28	0.57	0.76	0.13	2.18	19.94	22.13	14.81	13.32	
4:00	6.86	9.15	11.90	17.48	23.90	0.30	1.08	0.80	0.14	3.62	18.61	22.22	11.60	13.34	
5:00	3.44	4.99	6.70	9.98	14.28	0.19	0.29	0.65	0.13	2.17	3.20	5.38	35.68	13.25	
6:00	2.31	3.72	5.29	7.18	9.53	0.22	0.42	0.68	0.12	3.56	7.31	10.86	39.20	13.25	
7:00	3.60	4.93	6.43	8.77	11.11	0.86	1.43	0.82	0.18	21.16	25.78	46.95	31.73	13.34	
8:00	4.32	5.54	6.84	9.74	14.55	0.37	1.42	1.05	0.16	6.72	10.11	16.83	37.95	13.22	
9:00	4.76	5.93	7.18	9.88	12.46	0.43	0.69	0.72	0.18	8.13	10.04	18.16	31.80	13.51	
10:00	2.74	3.98	5.31	9.33	17.20	0.29	0.49	0.69	0.13	5.68	6.23	11.91	45.37	13.42	
11:00	1.35	2.41	3.37	8.28	16.87	0.20	0.36	0.70	0.12	6.00	5.82	11.83	53.17	13.36	
12:00	1.11	2.08	3.12	6.85	15.59	0.19	0.32	0.66	0.11	3.53	4.39	7.93	55.81	13.29	
13:00	0.82	1.71	2.56	6.83	13.05	0.20	0.30	0.65	0.11	4.18	5.10	9.28	55.06	13.38	
14:00	1.30	2.26	3.21	7.55	13.82	0.32	0.32	0.73	0.11	5.38	5.60	10.97	55.33	13.43	
15:00	2.00	2.96	3.88	8.40	16.63	0.18	0.43	0.68	0.12	4.47	4.34	8.80	54.51	13.57	
16:00	1.88	2.84	3.86	7.68	14.88	0.36	0.56	0.66	0.12	5.23	5.98	11.21	47.92	13.53	
17:00	1.74	2.90	4.15	9.29	16.70	0.29	0.44	0.61	0.13	4.85	6.16	11.01	48.40	13.38	
18:00	1.46	2.21	2.99	6.43	10.90	0.25	0.38	0.60	0.13	3.60	6.30	9.90	46.80	13.41	
19:00	1.97	2.60	3.30	5.82	9.68	0.29	0.59	0.65	0.14	2.68	5.57	8.25	45.25	13.40	
20:00	2.84	3.64	4.57	7.82	12.90	0.31	0.41	0.59	0.15	3.01	7.16	10.17	41.26	13.51	
21:00	4.18	5.41	6.70	12.14	19.01	0.65	n/a	n/a	0.18	4.81	10.78	15.60	35.03	13.46	
22:00	3.13	4.10	5.26	8.89	13.47	0.39	0.65	0.61	0.20	4.15	12.02	16.17	31.81	13.41	
23:00	3.75	4.66	5.75	8.73	12.82	0.41	0.93	0.62	0.24	4.84	15.27	20.10	28.44	13.52	
24:00	5.92	7.53	9.36	15.38	24.79	0.58	2.11	0.79	0.21	20.31	33.79	54.10	8.41	13.73	
<b>Min</b>	<b>0.82</b>	<b>1.71</b>	<b>2.56</b>	<b>5.82</b>	<b>9.53</b>	<b>0.18</b>	<b>0.29</b>	<b>0.59</b>	<b>0.11</b>	<b>1.97</b>	<b>3.20</b>	<b>5.38</b>	<b>8.41</b>	<b>13.22</b>	
<b>Max</b>	<b>8.42</b>	<b>10.78</b>	<b>13.56</b>	<b>17.48</b>	<b>24.79</b>	<b>0.86</b>	<b>2.11</b>	<b>1.05</b>	<b>0.24</b>	<b>21.16</b>	<b>33.79</b>	<b>54.10</b>	<b>55.81</b>	<b>13.73</b>	
<b>Medie</b>	<b>3.43</b>	<b>4.70</b>	<b>6.12</b>	<b>9.88</b>	<b>15.44</b>	<b>0.34</b>	<b>0.68</b>	<b>0.71</b>	<b>0.15</b>	<b>5.64</b>	<b>10.41</b>	<b>16.04</b>	<b>37.62</b>	<b>13.41</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