

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
15 Iunie 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	1.27	2.80	4.73	8.59	13.12	0.14	0.39	1.19	0.13	1.23	5.02	6.09	34.89	27.56	N/A
2:00	1.92	4.19	7.24	12.18	17.83	0.11	0.30	1.19	0.12	5.26	6.61	11.60	25.73	27.63	
3:00	2.03	3.89	6.46	10.35	14.20	0.14	0.34	1.30	0.12	1.23	3.36	4.29	27.31	27.69	
4:00	1.84	3.33	5.29	8.78	12.29	0.12	0.30	1.00	0.12	1.32	2.99	4.12	29.11	27.41	
5:00	1.98	3.62	5.77	9.55	13.86	0.11	0.28	1.18	0.13	1.32	3.35	4.39	30.48	27.48	
6:00	2.62	4.17	6.10	9.44	13.89	0.14	0.32	1.13	0.13	1.71	4.19	5.86	30.66	27.40	
7:00	3.25	4.76	6.49	9.83	14.77	0.26	0.65	1.20	0.16	7.92	9.19	17.10	29.88	27.63	
8:00	3.06	4.78	6.78	11.56	17.54	0.26	0.81	1.20	0.14	4.01	7.53	11.54	29.75	27.75	
9:00	3.03	4.72	6.71	11.03	17.20	0.17	0.40	1.21	0.14	3.11	6.31	9.43	33.23	27.87	
10:00	3.61	5.47	7.68	12.49	18.35	0.42	0.91	1.25	0.16	3.77	6.44	10.22	33.98	27.82	
11:00	3.69	5.81	8.07	14.07	23.47	0.20	0.72	1.22	0.15	3.60	6.40	9.98	37.11	27.63	
12:00	3.56	5.72	8.16	14.47	24.94	0.21	0.60	1.09	0.14	3.94	6.39	10.33	41.32	27.99	
13:00	3.35	5.52	7.80	14.48	25.64	0.14	0.47	1.12	0.14	4.09	5.75	9.83	49.58	27.96	
14:00	3.30	5.33	7.80	12.18	17.32	0.14	0.47	1.29	0.13	2.54	4.80	7.32	52.69	27.73	
15:00	3.52	5.52	7.56	13.36	22.71	0.15	0.49	1.13	0.14	2.62	5.30	7.92	52.86	27.65	
16:00	4.63	6.55	8.53	13.74	20.99	0.17	0.48	1.10	0.14	2.50	5.55	8.04	51.15	27.88	
17:00	3.47	5.09	6.62	12.17	20.99	0.16	n/a	n/a	0.13	1.80	4.13	5.90	51.41	27.98	
18:00	3.30	4.80	6.08	11.59	18.79	0.12	0.37	0.91	0.13	1.61	4.24	5.81	51.08	27.97	
19:00	3.30	4.69	5.89	10.41	16.50	0.17	0.48	0.91	0.14	1.44	4.93	6.36	49.70	27.80	
20:00	3.18	4.61	5.72	11.20	18.40	0.17	0.42	0.93	0.14	1.02	4.73	5.63	48.16	27.99	
21:00	3.19	4.48	5.73	9.22	13.77	0.16	0.52	0.91	0.13	1.10	4.80	5.75	47.88	27.90	
22:00	3.34	4.73	6.03	9.98	16.05	0.13	0.34	0.90	0.13	0.84	4.61	5.32	47.87	28.06	
23:00	3.15	4.41	5.54	9.00	13.45	0.12	0.28	0.88	0.13	0.65	4.06	4.52	48.23	28.06	
24:00	3.29	4.59	5.86	9.02	14.08	0.13	0.40	0.93	0.13	0.55	4.04	4.20	46.06	28.04	
<b>Min</b>	<b>1.27</b>	<b>2.80</b>	<b>4.73</b>	<b>8.59</b>	<b>12.29</b>	<b>0.11</b>	<b>0.28</b>	<b>0.88</b>	<b>0.12</b>	<b>0.55</b>	<b>2.99</b>	<b>4.12</b>	<b>25.73</b>	<b>27.40</b>	
<b>Max</b>	<b>4.63</b>	<b>6.55</b>	<b>8.53</b>	<b>14.48</b>	<b>25.64</b>	<b>0.42</b>	<b>0.91</b>	<b>1.30</b>	<b>0.16</b>	<b>7.92</b>	<b>9.19</b>	<b>17.10</b>	<b>52.86</b>	<b>28.06</b>	
<b>Medie</b>	<b>3.04</b>	<b>4.73</b>	<b>6.61</b>	<b>11.19</b>	<b>17.51</b>	<b>0.17</b>	<b>0.47</b>	<b>1.09</b>	<b>0.14</b>	<b>2.47</b>	<b>5.20</b>	<b>7.56</b>	<b>40.84</b>	<b>27.79</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