

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES**  
**06 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	8.93	10.67	12.44	18.72	28.66	0.51	0.64	0.46	0.17	1.17	28.60	29.71	17.60	11.54	N/A
2:00	9.04	10.87	12.73	19.31	30.68	0.45	0.60	0.43	0.16	1.65	25.99	27.63	18.11	11.40	
3:00	8.93	10.71	12.40	19.45	28.54	0.41	0.55	0.37	0.15	2.10	22.79	24.90	17.35	11.38	
4:00	8.60	10.23	11.82	18.02	27.07	0.39	0.50	0.33	0.15	11.17	37.90	49.06	5.57	11.54	
5:00	8.66	10.19	11.58	17.56	27.13	0.39	0.85	0.34	0.15	25.33	36.78	62.10	3.17	11.67	
6:00	8.42	10.20	11.93	18.85	29.65	0.38	0.64	0.30	0.15	53.52	40.42	93.95	1.54	11.73	
7:00	8.84	11.09	13.36	23.13	39.91	0.58	1.00	0.39	0.18	44.60	34.47	79.08	6.83	11.97	
8:00	8.80	11.02	13.12	24.17	40.27	0.34	0.51	0.26	0.16	24.48	26.49	50.97	12.68	11.95	
9:00	10.87	14.62	18.31	37.31	71.91	0.50	1.14	0.45	0.20	33.65	39.21	72.86	22.10	12.68	
10:00	6.87	9.52	11.70	27.46	59.41	0.28	0.96	0.50	0.15	7.26	9.14	16.41	57.37	12.95	
11:00	5.94	7.86	9.53	18.93	36.63	0.22	0.54	0.36	0.15	4.92	7.59	12.50	63.07	13.23	
12:00	5.43	7.28	9.07	17.42	33.77	0.22	0.63	0.39	0.14	5.11	8.11	13.22	65.24	13.03	
13:00	5.07	7.00	8.88	18.17	32.61	0.39	0.56	0.43	0.14	7.20	11.16	18.35	65.92	12.59	
14:00	4.50	5.92	7.34	13.84	24.40	0.16	0.24	0.34	0.13	2.69	4.54	7.21	72.04	12.15	
15:00	4.66	6.09	7.32	14.08	25.63	0.20	0.40	0.43	0.15	10.98	13.23	24.20	67.80	12.16	
16:00	5.66	9.50	12.84	33.67	77.74	0.45	3.56	0.46	0.30	12.21	18.33	30.54	67.25	12.50	
17:00	5.22	7.33	9.24	18.10	33.81	0.24	0.63	0.57	0.14	5.24	11.60	16.84	69.98	12.36	
18:00	4.95	6.75	8.38	17.63	32.17	0.26	0.65	0.60	0.14	6.22	12.50	18.71	69.25	12.75	
19:00	5.31	7.09	8.75	17.62	34.99	0.24	0.53	0.58	0.14	2.34	7.06	9.41	66.85	13.96	
20:00	5.81	7.93	9.81	20.75	37.80	0.39	n/a	n/a	0.16	2.64	10.13	12.78	61.49	14.54	
21:00	8.59	12.55	15.97	39.05	74.22	1.23	1.00	0.68	0.21	3.28	14.45	17.73	53.19	14.11	
22:00	9.79	12.95	15.71	32.30	58.23	0.64	0.76	0.61	0.21	1.96	9.77	11.76	53.83	13.91	
23:00	9.13	11.61	13.86	25.65	41.97	0.56	0.97	0.62	0.19	1.74	22.85	24.58	40.32	13.56	
24:00	21.46	23.91	26.16	34.68	45.75	2.91	1.38	0.63	0.19	2.05	20.94	22.98	38.14	13.46	
<b>Min</b>	<b>4.50</b>	<b>5.92</b>	<b>7.32</b>	<b>13.84</b>	<b>24.40</b>	<b>0.16</b>	<b>0.24</b>	<b>0.26</b>	<b>0.13</b>	<b>1.17</b>	<b>4.54</b>	<b>7.21</b>	<b>1.54</b>	<b>11.38</b>	
<b>Max</b>	<b>21.46</b>	<b>23.91</b>	<b>26.16</b>	<b>39.05</b>	<b>77.74</b>	<b>2.91</b>	<b>3.56</b>	<b>0.68</b>	<b>0.30</b>	<b>53.52</b>	<b>40.42</b>	<b>93.95</b>	<b>72.04</b>	<b>14.54</b>	
<b>Medie</b>	<b>7.90</b>	<b>10.12</b>	<b>12.18</b>	<b>22.74</b>	<b>40.54</b>	<b>0.51</b>	<b>0.84</b>	<b>0.46</b>	<b>0.17</b>	<b>11.40</b>	<b>19.75</b>	<b>31.15</b>	<b>42.36</b>	<b>12.63</b>	

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

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

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