

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
10 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	14.84	17.41	19.44	24.45	31.04	1.02	0.99	1.68	0.17	11.81	41.12	52.93	2.77	24.79	N/A
2:00	11.54	13.42	15.18	19.78	26.10	0.50	0.93	1.62	0.15	3.55	31.32	34.83	5.05	24.68	
3:00	10.60	12.61	14.56	19.31	24.75	0.47	0.78	1.61	0.16	17.50	29.08	46.56	4.02	24.85	
4:00	10.87	12.93	14.89	20.19	27.40	0.53	0.95	1.53	0.15	6.86	29.22	36.09	3.67	24.94	
5:00	13.61	16.32	19.05	23.89	30.14	0.60	0.83	1.70	0.15	21.57	27.50	49.08	2.32	24.99	
6:00	11.42	13.91	16.63	22.47	29.91	0.55	0.82	1.42	0.15	24.51	22.81	47.32	4.25	25.03	
7:00	11.19	13.35	15.71	20.88	29.00	0.41	1.45	1.66	0.16	34.45	23.55	58.00	5.64	25.16	
8:00	11.59	13.41	15.22	22.00	33.05	0.38	1.02	1.49	0.18	17.18	20.60	37.78	21.40	25.01	
9:00	10.88	12.91	14.82	23.68	39.02	0.42	1.32	1.63	0.22	12.60	19.25	31.85	34.47	25.06	
10:00	9.05	11.04	12.87	21.45	37.15	0.36	1.17	1.61	0.19	15.06	22.29	37.35	49.19	24.91	
11:00	8.62	10.67	12.50	22.01	38.22	0.37	1.01	1.56	0.18	11.09	19.13	30.21	56.71	24.84	
12:00	6.44	7.81	9.05	14.77	22.36	0.21	0.48	1.59	0.16	2.52	6.16	8.40	70.53	24.72	
13:00	5.99	7.13	8.23	12.51	19.51	0.17	0.37	1.58	0.15	3.09	6.69	9.64	70.43	24.53	
14:00	5.95	7.03	8.07	11.95	17.22	0.33	0.39	1.54	0.15	3.11	5.88	8.84	71.31	24.63	
15:00	6.06	7.09	8.10	11.45	16.53	0.16	0.50	1.52	0.16	0.84	3.33	3.97	73.25	24.37	
16:00	6.12	7.20	8.40	12.06	17.59	0.17	0.48	1.52	0.16	2.94	6.28	9.00	73.73	24.43	
17:00	6.48	7.58	8.59	12.90	21.31	0.18	0.43	1.51	0.16	3.13	8.28	11.34	72.34	24.68	
18:00	4.95	6.37	7.60	15.24	28.39	0.23	1.74	1.50	0.16	4.21	8.09	12.30	63.05	24.67	
19:00	5.85	7.76	9.10	20.56	42.85	0.32	1.11	1.48	0.17	4.88	10.38	15.26	58.16	24.54	
20:00	6.57	7.91	9.17	14.08	20.70	0.52	0.60	1.46	0.16	1.08	13.08	13.83	54.90	24.62	
21:00	6.56	7.76	8.89	13.07	20.71	0.31	0.65	1.50	0.16	1.31	37.49	38.69	32.59	24.81	
22:00	7.75	9.08	10.32	15.48	22.60	0.32	0.91	1.60	0.17	1.69	43.70	45.32	19.95	24.95	
23:00	8.60	9.79	11.02	14.68	19.10	0.35	0.76	1.58	0.18	5.64	43.95	49.55	10.49	24.96	
24:00	8.64	9.80	10.92	14.30	18.31	0.58	0.82	1.62	0.16	6.32	39.70	45.99	8.78	25.16	
<b>Min</b>	<b>4.95</b>	<b>6.37</b>	<b>7.60</b>	<b>11.45</b>	<b>16.53</b>	<b>0.16</b>	<b>0.37</b>	<b>1.42</b>	<b>0.15</b>	<b>0.84</b>	<b>3.33</b>	<b>3.97</b>	<b>2.32</b>	<b>24.37</b>	
<b>Max</b>	<b>14.84</b>	<b>17.41</b>	<b>19.44</b>	<b>24.45</b>	<b>42.85</b>	<b>1.02</b>	<b>1.74</b>	<b>1.70</b>	<b>0.22</b>	<b>34.45</b>	<b>43.95</b>	<b>58.00</b>	<b>73.73</b>	<b>25.16</b>	
<b>Medie</b>	<b>8.76</b>	<b>10.43</b>	<b>12.01</b>	<b>17.63</b>	<b>26.37</b>	<b>0.39</b>	<b>0.86</b>	<b>1.56</b>	<b>0.17</b>	<b>9.04</b>	<b>21.62</b>	<b>30.59</b>	<b>36.21</b>	<b>24.81</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)	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