

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
15 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	6.84	7.62	8.42	10.85	13.91	0.52	1.10	0.45	0.28	2.58	12.61	15.17	18.27	13.25	N/A
2:00	6.94	7.82	8.80	11.09	14.46	0.59	n/a	n/a	0.23	5.47	23.90	29.37	8.47	13.15	
3:00	6.91	7.79	8.78	11.26	14.96	0.85	1.57	0.39	0.21	3.24	21.80	25.04	9.66	13.08	
4:00	5.91	6.68	7.47	9.76	12.39	0.39	0.68	0.25	0.17	28.07	30.77	58.85	0.72	13.36	
5:00	4.56	5.33	6.09	8.15	11.64	0.36	0.54	0.21	0.15	29.64	32.97	62.62	1.26	13.45	
6:00	4.40	5.33	6.27	9.50	13.71	0.33	0.79	0.23	0.17	57.85	26.44	84.28	1.72	13.50	
7:00	5.41	6.54	7.81	11.58	16.93	0.40	0.57	0.21	0.19	61.83	23.71	85.53	3.81	13.49	
8:00	7.17	9.24	11.58	19.22	29.96	0.65	1.22	0.34	0.27	47.68	26.71	74.39	13.28	13.60	
9:00	5.56	6.91	8.24	13.90	23.35	0.35	0.67	0.26	0.16	19.76	16.27	36.03	27.99	13.67	
10:00	5.48	6.70	7.82	12.95	20.69	0.37	0.70	0.30	0.16	27.41	20.02	47.43	31.00	13.58	
11:00	5.29	6.49	7.54	12.32	21.36	0.21	0.40	0.56	0.15	15.99	12.72	28.71	43.01	13.63	
12:00	2.83	3.57	4.35	6.28	9.33	0.19	0.60	0.52	0.15	10.34	10.44	20.77	51.83	13.37	
13:00	2.27	2.96	3.69	6.28	11.94	0.30	0.67	0.39	0.12	7.05	8.13	15.19	55.09	13.61	
14:00	2.06	2.85	3.46	8.05	16.94	0.25	1.23	0.51	0.14	11.89	12.63	24.54	54.93	13.71	
15:00	1.64	2.30	3.01	5.74	10.67	0.17	0.50	0.36	0.12	5.86	8.00	13.85	59.17	13.83	
16:00	1.62	2.36	2.99	6.90	12.27	0.18	0.37	0.37	0.15	7.70	9.45	17.15	59.39	13.81	
17:00	1.61	2.22	2.85	5.27	8.11	0.16	0.26	0.33	0.11	4.54	7.33	11.86	60.76	13.70	
18:00	1.93	2.59	3.28	6.04	10.39	0.14	0.24	0.36	0.12	5.57	7.92	13.48	59.84	13.78	
19:00	2.21	2.84	3.50	5.30	8.33	0.19	0.56	0.46	0.14	1.47	5.43	6.88	59.06	13.62	
20:00	3.23	3.96	4.60	8.07	13.37	0.26	0.26	0.34	0.14	1.52	17.68	19.14	45.64	13.68	
21:00	17.35	19.59	21.59	30.10	42.62	1.04	1.45	0.53	0.37	8.91	29.47	38.35	33.19	14.01	
22:00	75.58	81.26	85.18	103.43	129.31	8.84	8.12	1.15	0.71	14.06	36.54	50.60	19.81	14.71	
23:00	39.80	43.64	46.38	58.52	77.27	4.81	2.79	0.79	0.61	4.30	23.51	27.81	23.29	14.02	
24:00	14.12	15.77	17.13	22.43	30.41	0.97	0.99	0.49	0.21	22.72	52.89	75.60	2.92	13.83	
<b>Min</b>	<b>1.61</b>	<b>2.22</b>	<b>2.85</b>	<b>5.27</b>	<b>8.11</b>	<b>0.14</b>	<b>0.24</b>	<b>0.21</b>	<b>0.11</b>	<b>1.47</b>	<b>5.43</b>	<b>6.88</b>	<b>0.72</b>	<b>13.08</b>	
<b>Max</b>	<b>75.58</b>	<b>81.26</b>	<b>85.18</b>	<b>103.43</b>	<b>129.31</b>	<b>8.84</b>	<b>8.12</b>	<b>1.15</b>	<b>0.71</b>	<b>61.83</b>	<b>52.89</b>	<b>85.53</b>	<b>60.76</b>	<b>14.71</b>	
<b>Medie</b>	<b>9.61</b>	<b>10.93</b>	<b>12.12</b>	<b>16.79</b>	<b>23.93</b>	<b>0.94</b>	<b>1.14</b>	<b>0.43</b>	<b>0.22</b>	<b>16.89</b>	<b>19.89</b>	<b>36.78</b>	<b>31.00</b>	<b>13.64</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