

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES**  
**04 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	14.25	15.43	16.48	21.23	27.77	1.03	0.62	0.18	0.26	9.42	44.71	54.14	4.29	10.77	N/A
2:00	13.64	14.80	15.87	20.09	25.66	0.97	0.68	0.21	0.25	8.00	32.42	40.40	7.29	10.77	
3:00	12.55	13.84	14.97	19.09	24.87	1.10	0.80	0.20	0.22	6.43	27.68	34.10	13.11	10.72	
4:00	10.91	12.33	13.62	17.30	22.15	0.82	0.62	0.19	0.20	9.66	30.13	39.78	13.08	10.78	
5:00	12.52	13.69	14.70	19.09	25.68	1.14	0.58	0.15	0.22	12.87	33.37	46.24	4.05	10.95	
6:00	11.26	12.91	14.42	20.95	29.59	0.68	0.60	0.17	0.22	49.15	38.28	87.43	1.81	11.10	
7:00	10.69	12.61	14.24	23.80	38.10	0.80	1.08	0.21	0.25	53.93	34.76	88.69	5.21	11.21	
8:00	10.60	13.67	16.74	30.41	53.55	0.70	0.99	0.24	0.23	43.80	36.56	80.36	17.21	11.55	
9:00	7.06	9.56	11.62	25.93	49.05	0.61	1.03	0.26	0.19	15.81	22.58	38.40	38.44	11.53	
10:00	5.08	6.67	8.06	16.70	33.22	0.38	n/a	n/a	0.16	6.91	10.87	17.79	49.57	11.29	
11:00	4.39	5.80	7.17	13.63	25.07	0.31	0.62	0.16	0.16	13.05	15.58	28.63	50.22	11.40	
12:00	4.07	5.90	7.58	16.40	30.74	0.30	0.55	0.19	0.15	14.92	17.62	32.53	51.73	11.39	
13:00	4.06	5.73	7.30	15.28	29.44	0.22	0.31	0.18	0.15	14.45	16.66	31.12	55.93	11.78	
14:00	3.54	5.35	7.03	15.78	28.78	0.25	1.83	0.28	0.14	16.25	17.78	34.03	58.51	11.55	
15:00	3.65	5.65	7.53	16.68	32.78	0.30	0.91	0.34	0.17	14.36	17.82	32.18	61.35	11.47	
16:00	3.37	5.10	6.79	15.46	30.55	0.21	0.43	0.29	0.15	13.94	19.79	33.74	61.87	11.59	
17:00	3.88	5.82	7.55	18.60	39.53	0.24	0.51	0.37	0.14	7.63	16.59	24.22	64.10	11.80	
18:00	3.95	5.74	7.31	16.75	35.74	0.31	0.65	0.32	0.15	6.14	11.65	17.80	61.54	11.35	
19:00	4.64	6.35	7.97	16.68	34.24	0.31	0.59	0.46	0.15	4.49	10.97	15.46	60.45	11.37	
20:00	6.38	8.24	9.88	19.19	36.32	0.59	1.59	0.73	0.17	3.60	12.61	16.20	52.88	11.56	
21:00	19.22	23.45	27.06	49.38	86.84	4.78	2.62	0.69	0.37	4.06	20.39	24.45	43.52	11.76	
22:00	25.42	29.19	32.32	48.58	73.04	0.73	0.85	0.47	0.23	2.78	30.75	33.53	25.79	11.65	
23:00	8.29	9.98	11.52	18.91	29.17	0.65	0.64	0.39	0.19	3.69	44.65	48.33	18.27	11.53	
24:00	9.48	11.16	12.67	20.16	31.41	0.70	0.74	0.36	0.21	9.21	51.00	60.20	5.94	11.53	
<b>Min</b>	<b>3.37</b>	<b>5.10</b>	<b>6.79</b>	<b>13.63</b>	<b>22.15</b>	<b>0.21</b>	<b>0.31</b>	<b>0.15</b>	<b>0.14</b>	<b>2.78</b>	<b>10.87</b>	<b>15.46</b>	<b>1.81</b>	<b>10.72</b>	
<b>Max</b>	<b>25.42</b>	<b>29.19</b>	<b>32.32</b>	<b>49.38</b>	<b>86.84</b>	<b>4.78</b>	<b>2.62</b>	<b>0.73</b>	<b>0.37</b>	<b>53.93</b>	<b>51.00</b>	<b>88.69</b>	<b>64.10</b>	<b>11.80</b>	
<b>Medie</b>	<b>8.87</b>	<b>10.79</b>	<b>12.52</b>	<b>21.50</b>	<b>36.39</b>	<b>0.76</b>	<b>0.86</b>	<b>0.31</b>	<b>0.20</b>	<b>14.36</b>	<b>25.63</b>	<b>39.99</b>	<b>34.42</b>	<b>11.35</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