

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
20 MARTIE 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	29.29	31.99	34.36	40.77	50.75	1.99	1.39	0.30	0.50	4.25	38.27	42.51	7.43	13.98	N/A
2:00	32.42	34.94	37.23	42.25	49.99	1.82	1.18	0.28	0.51	18.54	39.89	58.46	2.88	14.05	
3:00	55.22	59.06	61.91	69.53	80.08	3.05	2.28	0.45	0.88	4.57	29.00	33.58	6.06	14.01	
4:00	41.25	44.30	47.02	53.73	62.12	2.73	2.26	0.51	0.66	10.75	23.91	34.62	7.85	13.89	
5:00	27.91	30.34	32.45	38.39	45.70	1.39	1.05	0.26	0.41	34.79	34.32	69.12	2.99	14.01	
6:00	23.52	25.60	27.53	32.34	37.93	1.86	1.08	0.23	0.39	47.22	31.21	78.46	3.49	14.23	
7:00	25.51	28.64	30.94	39.50	50.06	1.62	1.02	0.21	0.39	73.61	33.74	107.34	1.85	14.42	
8:00	33.57	36.66	39.14	47.69	59.92	1.35	0.95	0.21	0.58	86.11	31.44	117.58	2.43	14.52	
9:00	67.18	70.98	74.10	83.26	95.48	4.26	1.60	0.30	1.28	63.30	30.25	93.54	4.29	15.76	
10:00	25.87	27.70	29.50	35.34	44.75	1.71	0.77	0.17	0.42	14.88	15.78	30.66	24.18	14.51	
11:00	9.93	11.32	12.58	17.58	25.52	1.85	0.66	0.12	0.23	3.21	5.10	8.22	39.93	14.00	
12:00	4.82	5.84	6.85	10.64	17.09	0.72	0.35	0.09	0.17	1.47	2.30	3.60	50.73	13.68	
13:00	5.69	6.59	7.60	9.94	13.55	0.59	0.26	0.10	0.17	0.62	1.85	2.13	52.78	13.70	
14:00	4.98	6.03	7.14	9.97	13.07	0.45	0.26	0.10	0.17	1.13	2.32	3.24	52.40	13.79	
15:00	5.73	6.87	8.00	11.21	15.43	0.44	0.24	0.09	0.17	0.77	2.71	3.05	51.97	13.74	
16:00	5.90	7.15	8.59	11.69	15.90	0.38	0.22	0.17	0.17	1.44	3.73	4.98	51.33	13.72	
17:00	8.79	10.00	11.20	14.21	18.57	0.85	0.42	0.23	0.22	0.81	4.82	5.24	50.65	13.77	
18:00	7.10	8.28	9.43	12.85	17.71	0.44	0.24	0.10	0.20	0.41	4.64	4.52	51.23	13.72	
19:00	18.48	20.76	23.03	30.83	42.21	2.71	0.93	0.22	0.46	17.29	31.77	48.81	32.23	14.11	
20:00	22.84	25.79	28.61	38.44	52.27	1.53	0.71	0.18	0.42	7.32	56.15	63.47	10.29	14.10	
21:00	30.71	33.36	35.30	42.67	52.20	1.83	0.82	0.19	0.52	27.66	54.67	82.36	6.83	14.23	
22:00	52.23	55.97	59.08	69.71	84.49	3.11	1.79	0.33	0.83	28.18	51.92	80.13	5.97	14.62	
23:00	43.56	46.41	48.69	57.40	69.38	2.98	1.54	0.52	0.65	28.29	51.01	79.35	2.66	14.28	
24:00	63.48	67.05	69.79	80.41	94.78	4.38	1.93	0.43	0.86	31.76	48.22	80.03	2.46	14.59	
<b>Min</b>	<b>4.82</b>	<b>5.84</b>	<b>6.85</b>	<b>9.94</b>	<b>13.07</b>	<b>0.38</b>	<b>0.22</b>	<b>0.09</b>	<b>0.17</b>	<b>0.41</b>	<b>1.85</b>	<b>2.13</b>	<b>1.85</b>	<b>13.68</b>	
<b>Max</b>	<b>67.18</b>	<b>70.98</b>	<b>74.10</b>	<b>83.26</b>	<b>95.48</b>	<b>4.38</b>	<b>2.28</b>	<b>0.52</b>	<b>1.28</b>	<b>86.11</b>	<b>56.15</b>	<b>117.58</b>	<b>52.78</b>	<b>15.76</b>	
<b>Medie</b>	<b>26.92</b>	<b>29.23</b>	<b>31.25</b>	<b>37.51</b>	<b>46.21</b>	<b>1.84</b>	<b>1.00</b>	<b>0.24</b>	<b>0.47</b>	<b>21.18</b>	<b>26.21</b>	<b>47.29</b>	<b>21.87</b>	<b>14.14</b>	

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

Particule in suspensie (PM2,5)	4
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	4
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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