

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
16 FEBRUARIE 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	4.56	4.73	4.87	5.59	8.13	1.34	0.77	0.23	0.46	0.47	3.58	3.50	21.30	10.96	N/A
2:00	9.48	9.73	9.84	10.42	11.27	1.31	0.77	0.21	0.42	0.41	3.37	2.99	22.39	11.01	
3:00	12.60	12.96	13.13	13.71	14.54	1.27	0.73	0.22	0.39	0.39	3.55	3.08	23.36	11.09	
4:00	11.89	12.23	12.41	13.21	14.15	1.21	0.70	0.21	0.37	0.42	3.31	3.08	24.93	10.88	
5:00	12.10	12.43	12.62	13.32	14.14	1.19	0.71	0.21	0.36	0.41	2.96	2.50	24.67	10.91	
6:00	13.29	13.73	13.94	15.15	16.74	1.19	0.70	0.20	0.35	0.97	4.55	5.26	24.54	10.85	
7:00	16.60	17.04	17.26	18.70	20.89	5.49	1.41	0.23	0.35	4.29	9.80	14.05	22.18	10.84	
8:00	16.25	16.79	17.11	18.73	21.17	1.40	0.92	0.21	0.36	11.85	16.00	27.86	19.18	10.94	
9:00	16.45	17.05	17.46	19.27	21.76	1.40	0.92	0.20	0.37	9.59	12.40	21.99	20.66	10.97	
10:00	15.28	16.02	16.43	20.12	26.46	2.28	1.11	0.23	0.37	8.86	9.81	18.67	23.36	10.98	
11:00	15.36	16.10	16.56	19.92	25.79	1.31	0.85	0.20	0.38	6.02	7.59	13.59	26.22	10.91	
12:00	14.03	14.59	14.96	17.02	20.28	1.12	0.85	0.22	0.38	3.09	5.78	8.82	29.01	11.02	
13:00	15.28	15.88	16.24	18.38	21.14	1.23	0.90	0.25	0.37	1.11	4.47	5.34	33.87	10.92	
14:00	12.94	13.63	14.23	16.82	20.63	0.93	0.56	0.15	0.37	2.04	6.35	8.28	35.30	10.92	
15:00	13.94	14.79	15.49	18.87	25.40	1.06	0.68	0.20	0.37	2.66	8.08	10.69	35.78	10.58	
16:00	13.93	14.78	15.44	19.00	24.48	0.99	0.62	0.22	0.36	2.90	9.18	11.89	36.85	10.55	
17:00	17.04	18.47	19.72	26.13	36.02	1.92	0.91	0.25	0.36	5.64	15.75	21.30	34.12	10.82	
18:00	26.29	28.19	29.56	35.50	44.70	1.53	0.92	0.25	0.37	5.71	22.39	27.89	27.19	11.23	
19:00	44.32	46.69	48.55	55.98	66.60	5.01	2.79	0.57	0.43	14.05	35.37	49.42	12.61	11.30	
20:00	42.27	44.64	46.56	56.32	71.94	5.25	n/a	n/a	0.52	16.32	35.86	52.18	9.99	11.20	
21:00	49.74	52.07	53.99	62.87	74.78	3.71	1.94	0.46	0.58	13.14	36.26	49.40	6.40	11.07	
22:00	65.83	68.12	69.71	76.05	86.32	4.56	2.66	0.78	0.65	11.16	34.59	45.75	7.73	11.19	
23:00	110.27	112.30	113.61	119.56	130.00	11.05	4.87	1.09	0.89	17.60	34.16	51.75	4.02	11.43	
24:00	82.66	84.50	85.76	91.17	99.01	7.41	3.69	0.73	1.04	5.28	26.23	31.51	4.21	11.20	
<b>Min</b>	<b>4.56</b>	<b>4.73</b>	<b>4.87</b>	<b>5.59</b>	<b>8.13</b>	<b>0.93</b>	<b>0.56</b>	<b>0.15</b>	<b>0.35</b>	<b>0.39</b>	<b>2.96</b>	<b>2.50</b>	<b>4.02</b>	<b>10.55</b>	
<b>Max</b>	<b>110.27</b>	<b>112.30</b>	<b>113.61</b>	<b>119.56</b>	<b>130.00</b>	<b>11.05</b>	<b>4.87</b>	<b>1.09</b>	<b>1.04</b>	<b>17.60</b>	<b>36.26</b>	<b>52.18</b>	<b>36.85</b>	<b>11.43</b>	
<b>Medie</b>	<b>27.18</b>	<b>28.23</b>	<b>28.98</b>	<b>32.58</b>	<b>38.18</b>	<b>2.72</b>	<b>1.35</b>	<b>0.33</b>	<b>0.45</b>	<b>6.02</b>	<b>14.64</b>	<b>20.45</b>	<b>22.08</b>	<b>10.99</b>	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	1
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