

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
06 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	56.71	58.07	58.87	60.17	61.70	6.33	2.95	0.60	1.35	4.42	17.75	22.18	4.99	9.82	N/A
2:00	45.62	47.04	47.80	48.90	49.82	3.99	2.55	0.56	1.33	2.73	13.65	16.36	5.00	9.97	
3:00	21.69	22.53	23.23	24.46	26.20	2.53	1.84	0.49	1.25	2.81	13.50	16.27	6.49	9.93	
4:00	19.58	20.50	21.35	22.61	24.48	1.66	1.27	0.34	1.15	3.46	15.11	18.58	4.76	9.95	
5:00	29.99	30.44	30.63	30.84	31.25	3.20	2.26	0.55	1.07	13.70	23.17	36.87	1.23	9.95	
6:00	27.00	27.36	27.48	27.57	27.65	3.75	2.44	0.54	1.04	28.40	27.91	56.31	1.03	10.08	
7:00	34.96	35.69	35.88	36.13	36.36	4.00	2.96	0.66	1.03	45.06	30.21	75.27	1.14	10.19	
8:00	34.02	34.74	34.98	35.19	35.78	4.82	2.68	0.58	0.99	38.59	31.41	70.00	1.31	10.13	
9:00	31.38	32.10	32.60	33.12	33.61	4.60	2.78	0.58	0.97	36.79	27.58	64.37	2.52	10.07	
10:00	24.02	24.61	25.00	25.77	26.51	2.04	1.32	0.35	0.94	10.15	14.78	24.92	8.01	9.95	
11:00	14.23	14.67	14.94	15.97	17.34	2.39	1.31	0.33	0.88	12.70	13.93	26.63	8.35	10.03	
12:00	16.10	16.62	17.01	17.63	18.86	2.19	1.24	0.32	0.83	12.28	12.00	24.28	9.56	10.12	
13:00	12.96	13.95	14.91	17.99	22.66	1.92	1.25	0.34	0.77	12.33	12.60	24.93	14.04	9.92	
14:00	22.18	25.11	27.59	39.68	57.08	1.93	1.53	0.37	0.74	42.07	27.18	69.25	10.43	10.17	
15:00	16.67	18.66	20.57	28.52	41.21	1.57	1.17	0.33	0.71	18.32	18.01	36.33	15.59	10.13	
16:00	14.72	17.03	19.28	28.67	43.60	1.53	1.12	0.34	0.69	20.10	27.52	47.62	15.85	10.32	
17:00	26.47	28.37	30.03	38.60	50.87	2.73	1.60	0.45	0.68	16.60	30.12	46.72	17.56	10.25	
18:00	52.45	55.45	57.83	69.81	87.43	16.15	4.24	0.76	0.69	50.87	53.48	104.35	4.74	10.65	
19:00	119.95	123.26	125.89	136.08	149.12	75.52	17.31	2.52	0.82	61.33	46.67	108.02	1.97	10.98	
20:00	113.13	115.50	117.31	123.55	131.88	17.99	7.27	1.34	1.04	37.38	36.64	74.03	1.92	10.43	
21:00	80.40	82.06	83.33	87.08	92.85	11.60	4.75	0.99	1.16	26.35	32.89	59.24	2.50	10.55	
22:00	76.06	78.12	79.48	82.98	87.49	10.84	4.58	0.87	1.23	27.69	31.75	59.45	1.83	10.24	
23:00	114.16	117.42	119.17	124.26	131.86	15.68	7.31	1.26	1.29	57.78	32.13	89.91	1.51	10.64	
24:00	83.39	85.43	86.68	89.44	93.36	9.02	4.79	0.95	1.36	23.37	27.57	50.94	1.46	10.18	
<b>Min</b>	<b>12.96</b>	<b>13.95</b>	<b>14.91</b>	<b>15.97</b>	<b>17.34</b>	<b>1.53</b>	<b>1.12</b>	<b>0.32</b>	<b>0.68</b>	<b>2.73</b>	<b>12.00</b>	<b>16.27</b>	<b>1.03</b>	<b>9.82</b>	
<b>Max</b>	<b>119.95</b>	<b>123.26</b>	<b>125.89</b>	<b>136.08</b>	<b>149.12</b>	<b>75.52</b>	<b>17.31</b>	<b>2.52</b>	<b>1.36</b>	<b>61.33</b>	<b>53.48</b>	<b>108.02</b>	<b>17.56</b>	<b>10.98</b>	
<b>Medie</b>	<b>45.33</b>	<b>46.86</b>	<b>47.99</b>	<b>51.88</b>	<b>57.46</b>	<b>8.67</b>	<b>3.44</b>	<b>0.68</b>	<b>1.00</b>	<b>25.22</b>	<b>25.73</b>	<b>50.95</b>	<b>5.99</b>	<b>10.19</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)	1
Particule in suspensie (PM10)	4

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