

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
11 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	71.89	73.41	74.35	77.11	81.53	6.39	2.96	0.60	1.12	2.94	18.46	21.36	5.93	10.46	N/A
2:00	67.20	68.60	69.29	72.23	77.26	5.63	2.44	0.55	1.15	2.97	18.70	21.65	4.74	10.41	
3:00	50.19	51.24	51.81	53.36	55.00	3.95	2.02	0.50	1.14	1.39	12.79	14.01	7.44	10.36	
4:00	37.71	38.95	39.83	40.87	41.75	2.41	1.62	0.44	1.10	2.87	14.82	17.65	5.70	10.41	
5:00	31.02	32.02	32.81	34.89	36.73	2.25	1.52	0.38	1.05	1.89	11.99	13.75	6.67	10.31	
6:00	42.52	44.01	45.12	48.92	53.44	3.24	1.98	0.47	1.00	10.61	20.07	30.68	2.39	10.48	
7:00	43.13	45.80	47.82	58.77	73.16	3.03	1.93	0.46	0.97	25.06	22.87	47.93	2.00	10.56	
8:00	51.88	56.34	59.76	83.97	120.22	6.34	3.32	0.62	0.96	53.43	29.21	82.64	1.37	10.79	
9:00	62.21	65.54	67.88	83.84	105.37	9.48	5.92	1.42	0.98	21.34	21.68	43.01	3.92	10.52	
10:00	44.02	45.88	47.46	53.33	62.05	5.10	2.51	0.60	0.98	11.79	20.54	32.34	10.60	10.62	
11:00	33.49	35.85	37.29	42.69	50.48	1.88	1.19	0.32	0.91	7.13	15.04	22.18	16.62	10.60	
12:00	27.30	28.68	29.75	33.59	39.05	1.99	3.58	1.17	0.85	7.06	12.48	19.53	21.80	10.51	
13:00	18.25	19.31	20.05	24.07	30.25	1.34	1.28	0.84	0.80	2.25	7.13	9.37	30.37	10.14	
14:00	15.78	16.81	17.56	20.99	26.52	1.33	0.99	0.44	0.76	1.25	8.19	9.33	31.09	10.33	
15:00	13.13	14.47	15.53	22.66	34.13	1.17	0.88	0.27	0.73	1.12	7.02	7.99	34.46	10.52	
16:00	12.20	13.43	14.47	20.58	31.53	1.37	0.88	0.30	0.70	1.64	8.61	10.10	36.84	10.65	
17:00	12.22	13.79	15.11	23.68	37.33	1.26	1.38	0.36	0.68	1.36	9.87	11.04	36.51	10.64	
18:00	23.54	26.35	28.83	42.44	59.84	3.27	1.75	0.45	0.67	3.13	22.59	25.52	27.38	10.92	
19:00	70.79	79.04	86.36	111.95	144.39	11.91	19.37	3.85	0.72	42.22	50.66	92.88	6.34	11.32	
20:00	100.85	106.15	110.28	128.85	153.89	9.26	6.56	1.27	0.84	21.52	43.73	65.25	5.94	11.15	
21:00	85.56	88.07	89.72	98.12	109.41	10.82	5.37	1.07	1.03	13.05	35.24	48.29	7.81	10.98	
22:00	90.05	93.34	94.88	102.34	112.54	14.44	7.01	1.12	1.13	9.04	28.94	37.98	8.49	10.96	
23:00	62.04	64.01	65.37	71.85	80.41	5.21	3.30	0.71	1.18	4.96	21.75	26.70	10.92	10.70	
24:00	66.56	68.44	69.79	74.79	81.08	5.80	n/a	n/a	1.21	6.34	24.32	30.65	7.95	10.62	
<b>Min</b>	<b>12.20</b>	<b>13.43</b>	<b>14.47</b>	<b>20.58</b>	<b>26.52</b>	<b>1.17</b>	<b>0.88</b>	<b>0.27</b>	<b>0.67</b>	<b>1.12</b>	<b>7.02</b>	<b>7.99</b>	<b>1.37</b>	<b>10.14</b>	
<b>Max</b>	<b>100.85</b>	<b>106.15</b>	<b>110.28</b>	<b>128.85</b>	<b>153.89</b>	<b>14.44</b>	<b>19.37</b>	<b>3.85</b>	<b>1.21</b>	<b>53.43</b>	<b>50.66</b>	<b>92.88</b>	<b>36.84</b>	<b>11.32</b>	
<b>Medie</b>	<b>47.23</b>	<b>49.56</b>	<b>51.30</b>	<b>59.41</b>	<b>70.72</b>	<b>4.95</b>	<b>3.47</b>	<b>0.79</b>	<b>0.94</b>	<b>10.68</b>	<b>20.28</b>	<b>30.91</b>	<b>13.89</b>	<b>10.62</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