

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
13 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	48.39	51.05	52.33	54.03	56.08	3.51	1.95	0.55	1.11	0.60	9.49	9.63	18.90	10.76	N/A
2:00	31.84	33.60	34.39	35.94	38.31	2.21	1.48	0.44	1.04	0.81	9.30	9.84	18.15	10.69	
3:00	34.78	36.21	37.05	38.68	40.28	3.28	2.27	0.58	0.98	2.60	18.12	20.66	9.15	10.59	
4:00	41.06	42.51	43.55	45.64	49.02	3.18	2.45	0.55	0.96	5.60	21.59	27.18	5.01	10.59	
5:00	49.76	51.53	52.60	56.13	60.26	3.53	n/a	n/a	0.98	9.41	24.14	33.56	2.86	10.69	
6:00	35.19	37.65	39.47	44.97	52.38	2.80	2.14	0.50	0.99	17.69	25.34	43.03	2.81	10.74	
7:00	54.78	57.29	59.16	67.79	80.93	3.41	3.33	0.71	0.96	61.43	32.99	94.42	1.99	11.07	
8:00	50.24	55.81	60.34	89.28	130.30	8.59	5.53	0.94	0.98	101.80	37.07	138.88	1.42	11.43	
9:00	88.05	97.05	104.57	145.73	199.82	13.25	7.59	1.57	1.06	106.11	47.56	153.67	2.13	11.81	
10:00	88.49	94.71	100.20	123.53	152.76	6.97	4.75	0.93	1.16	52.85	44.76	97.61	5.70	11.42	
11:00	59.24	63.71	67.43	86.52	112.67	6.33	4.03	0.88	1.13	38.38	42.57	80.95	8.79	11.28	
12:00	56.83	61.58	65.31	82.27	107.38	3.32	3.09	0.84	1.08	25.17	36.05	61.22	12.24	11.31	
13:00	50.23	56.28	61.26	83.30	116.51	3.28	2.87	0.84	1.02	34.41	45.13	79.53	11.23	11.07	
14:00	51.21	56.52	61.30	82.76	114.12	2.99	2.62	0.74	0.99	23.02	42.11	65.13	15.85	11.34	
15:00	34.67	37.98	40.96	53.61	72.89	2.13	3.11	0.56	0.96	9.13	27.07	36.19	19.77	11.34	
16:00	15.44	17.36	18.96	28.69	43.85	1.37	1.03	0.32	0.91	8.49	17.51	26.01	34.15	11.27	
17:00	6.90	9.44	11.82	24.86	46.85	1.14	0.90	0.37	0.85	7.72	20.02	27.74	34.91	11.32	
18:00	9.34	11.61	13.65	25.15	43.06	1.24	0.94	0.41	0.79	7.71	18.18	25.89	33.69	11.57	
19:00	14.58	16.03	17.35	23.52	35.06	1.58	1.47	0.28	0.74	5.30	15.23	20.54	35.86	12.53	
20:00	32.46	33.71	34.64	41.61	53.93	5.93	2.34	0.50	0.72	6.06	14.91	20.96	33.61	13.34	
21:00	27.54	28.61	29.47	32.13	36.60	6.01	1.62	0.27	0.72	6.31	14.56	20.86	31.10	12.67	
22:00	15.73	16.57	17.23	19.57	22.69	2.15	1.10	0.28	0.71	4.78	11.65	16.41	32.57	11.57	
23:00	22.49	23.36	24.00	26.63	30.69	1.85	1.19	0.28	0.70	3.94	12.68	16.58	31.75	11.38	
24:00	13.46	14.33	14.85	16.85	19.64	1.97	1.22	0.28	0.67	2.15	10.05	12.09	32.89	10.91	
<b>Min</b>	<b>6.90</b>	<b>9.44</b>	<b>11.82</b>	<b>16.85</b>	<b>19.64</b>	<b>1.14</b>	<b>0.90</b>	<b>0.27</b>	<b>0.67</b>	<b>0.60</b>	<b>9.30</b>	<b>9.63</b>	<b>1.42</b>	<b>10.59</b>	
<b>Max</b>	<b>88.49</b>	<b>97.05</b>	<b>104.57</b>	<b>145.73</b>	<b>199.82</b>	<b>13.25</b>	<b>7.59</b>	<b>1.57</b>	<b>1.16</b>	<b>106.11</b>	<b>47.56</b>	<b>153.67</b>	<b>35.86</b>	<b>13.34</b>	
<b>Medie</b>	<b>38.86</b>	<b>41.85</b>	<b>44.25</b>	<b>55.38</b>	<b>71.50</b>	<b>3.83</b>	<b>2.57</b>	<b>0.59</b>	<b>0.93</b>	<b>22.56</b>	<b>24.92</b>	<b>47.44</b>	<b>18.19</b>	<b>11.36</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