

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
20 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	70.69	72.56	73.84	78.27	83.90	5.24	2.76	0.56	1.04	2.30	23.33	25.49	11.30	11.26	N/A
2:00	64.08	65.49	66.23	69.16	73.42	4.65	2.56	0.53	1.08	1.32	17.80	18.97	11.86	11.23	
3:00	49.83	51.13	52.02	54.68	59.46	3.25	1.91	0.50	1.09	1.44	16.48	17.77	10.29	11.28	
4:00	36.98	37.96	38.68	40.42	42.68	2.96	1.66	0.39	1.05	0.75	14.65	15.09	10.71	11.15	
5:00	33.65	34.64	35.29	37.76	42.24	2.64	1.63	0.41	1.01	1.09	13.87	14.83	12.15	11.10	
6:00	24.26	25.15	25.83	28.42	31.92	1.79	1.10	0.29	0.93	0.83	13.57	13.98	16.05	11.21	
7:00	37.51	39.95	41.98	52.77	68.69	8.91	3.66	0.63	0.88	36.44	34.44	70.89	4.74	11.65	
8:00	59.96	63.02	65.33	78.93	98.94	5.58	2.95	0.63	0.95	38.76	38.98	77.74	3.19	11.68	
9:00	63.81	68.06	71.28	93.25	123.52	8.29	4.47	0.84	0.98	36.74	39.22	75.96	5.29	11.60	
10:00	43.19	45.98	48.29	60.06	77.61	2.86	1.57	0.49	0.99	6.63	17.90	24.53	21.54	11.78	
11:00	18.47	19.62	20.63	24.27	31.09	1.62	n/a	n/a	0.91	2.10	11.47	13.56	29.08	11.67	
12:00	15.78	17.09	18.24	23.73	31.94	1.20	0.72	0.21	0.46	2.45	9.81	12.25	31.39	11.61	
13:00	15.77	17.02	18.15	22.05	29.64	1.11	0.60	0.14	0.31	1.61	8.59	10.08	37.36	11.60	
14:00	13.90	15.20	16.29	20.80	27.03	0.98	0.55	0.14	0.32	0.77	7.05	7.45	38.30	11.32	
15:00	14.25	15.28	16.11	19.37	23.74	0.95	0.50	0.14	0.33	0.89	7.52	8.21	38.18	11.57	
16:00	13.54	14.79	15.92	19.97	26.99	1.24	0.53	0.15	0.34	0.50	7.93	8.08	38.43	11.50	
17:00	17.06	18.43	19.42	24.96	31.78	2.97	0.91	0.20	0.35	0.76	9.93	10.39	36.51	11.48	
18:00	25.36	27.83	29.90	41.11	58.78	3.24	1.16	0.25	0.37	7.99	28.58	36.26	25.72	11.58	
19:00	82.02	87.23	91.52	112.93	146.11	10.57	5.99	1.12	0.47	16.56	51.01	67.58	9.07	11.92	
20:00	43.99	46.09	47.65	53.82	63.02	4.32	1.63	0.44	0.54	7.02	26.82	33.83	19.66	11.48	
21:00	35.57	37.09	38.30	40.08	42.12	4.56	1.69	0.44	0.61	4.20	24.93	29.05	18.44	11.38	
22:00	27.31	28.71	30.00	31.52	33.07	2.18	1.07	0.32	0.64	0.64	26.07	26.36	18.17	11.52	
23:00	11.92	12.71	13.39	14.86	16.98	1.07	0.56	0.20	0.61	0.40	6.52	6.15	38.86	11.39	
24:00	10.62	11.00	11.26	11.37	11.47	0.97	0.50	0.20	0.55	0.36	3.36	2.76	39.93	11.22	
<b>Min</b>	<b>10.62</b>	<b>11.00</b>	<b>11.26</b>	<b>11.37</b>	<b>11.47</b>	<b>0.95</b>	<b>0.50</b>	<b>0.14</b>	<b>0.31</b>	<b>0.36</b>	<b>3.36</b>	<b>2.76</b>	<b>3.19</b>	<b>11.10</b>	
<b>Max</b>	<b>82.02</b>	<b>87.23</b>	<b>91.52</b>	<b>112.93</b>	<b>146.11</b>	<b>10.57</b>	<b>5.99</b>	<b>1.12</b>	<b>1.09</b>	<b>38.76</b>	<b>51.01</b>	<b>77.74</b>	<b>39.93</b>	<b>11.92</b>	
<b>Medie</b>	<b>34.56</b>	<b>36.33</b>	<b>37.73</b>	<b>43.94</b>	<b>53.17</b>	<b>3.46</b>	<b>1.77</b>	<b>0.40</b>	<b>0.70</b>	<b>7.19</b>	<b>19.16</b>	<b>26.14</b>	<b>21.93</b>	<b>11.47</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)	3

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