

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES**  
**09 APRILIE 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	8.74	9.74	10.58	13.17	16.37	0.49	0.41	0.11	0.23	1.03	4.37	5.27	38.24	16.41	N/A
2:00	5.26	5.96	6.69	8.29	10.12	0.48	0.30	0.09	0.20	1.44	4.61	5.86	38.01	16.26	
3:00	7.12	7.88	8.58	10.66	12.92	0.58	0.53	0.11	0.25	3.01	6.58	9.39	33.31	16.26	
4:00	7.54	8.30	9.10	11.09	14.52	0.43	0.69	0.14	0.28	2.11	9.99	11.94	26.87	16.29	
5:00	9.18	10.19	11.17	14.34	18.82	1.00	0.88	0.17	0.29	5.67	15.84	21.44	22.20	16.19	
6:00	13.32	15.06	16.83	21.85	28.26	1.50	1.12	0.20	0.34	14.56	30.06	44.59	15.68	16.26	
7:00	24.80	28.07	31.56	42.39	55.44	3.24	2.72	0.42	0.54	43.02	45.58	88.59	7.70	16.84	
8:00	10.68	12.30	13.82	20.68	31.66	0.90	1.60	0.23	0.31	52.47	37.69	90.16	6.89	16.74	
9:00	11.62	13.41	15.07	21.92	32.53	1.12	0.79	0.16	0.30	25.07	27.78	52.84	21.30	16.56	
10:00	7.20	8.41	9.53	14.51	22.65	0.98	0.75	0.20	0.26	9.94	11.99	21.95	32.80	16.45	
11:00	7.52	8.70	9.75	14.50	24.00	0.84	0.67	0.12	0.26	6.92	8.07	15.01	36.59	16.36	
12:00	5.91	6.89	7.60	12.65	21.55	0.90	0.60	0.20	0.22	6.29	6.80	13.11	38.22	16.31	
13:00	6.36	7.46	8.34	13.72	22.01	0.80	0.43	0.14	0.22	9.08	9.56	18.64	35.93	16.37	
14:00	4.54	5.31	6.02	9.52	14.91	0.55	0.68	0.17	0.24	28.98	18.50	47.48	31.15	16.71	
15:00	7.51	10.17	12.86	25.82	45.28	0.67	0.53	0.16	0.22	7.06	11.80	18.81	35.39	16.46	
16:00	6.93	8.03	9.21	13.03	19.08	0.59	0.59	0.19	0.21	6.51	12.92	19.41	34.57	16.44	
17:00	10.11	10.97	11.74	15.47	22.25	0.70	0.39	0.13	0.24	4.75	13.47	18.20	34.32	16.62	
18:00	9.38	10.53	11.67	16.14	22.40	1.15	0.70	0.16	0.25	10.21	19.32	29.51	32.12	16.61	
19:00	10.59	11.74	12.85	17.65	25.57	0.72	0.43	0.11	0.23	2.87	14.91	17.69	35.44	16.41	
20:00	23.35	24.90	26.16	30.57	37.10	2.74	n/a	n/a	0.43	4.81	24.87	29.63	24.29	16.78	
21:00	17.30	18.22	18.87	22.05	26.58	0.69	0.44	0.11	0.27	2.15	13.52	15.50	32.85	16.40	
22:00	9.84	10.42	10.91	12.41	14.04	0.67	0.43	0.13	0.24	0.78	15.09	15.71	30.57	16.47	
23:00	10.04	10.59	11.10	12.07	13.11	0.61	0.37	0.11	0.23	2.68	14.06	16.60	29.21	16.36	
24:00	12.00	12.57	13.02	13.99	15.63	0.64	0.41	0.11	0.26	1.60	15.15	16.60	25.86	16.33	
<b>Min</b>	<b>4.54</b>	<b>5.31</b>	<b>6.02</b>	<b>8.29</b>	<b>10.12</b>	<b>0.43</b>	<b>0.30</b>	<b>0.09</b>	<b>0.20</b>	<b>0.78</b>	<b>4.37</b>	<b>5.27</b>	<b>6.89</b>	<b>16.19</b>	
<b>Max</b>	<b>24.80</b>	<b>28.07</b>	<b>31.56</b>	<b>42.39</b>	<b>55.44</b>	<b>3.24</b>	<b>2.72</b>	<b>0.42</b>	<b>0.54</b>	<b>52.47</b>	<b>45.58</b>	<b>90.16</b>	<b>38.24</b>	<b>16.84</b>	
<b>Medie</b>	<b>10.29</b>	<b>11.49</b>	<b>12.63</b>	<b>17.02</b>	<b>23.62</b>	<b>0.96</b>	<b>0.71</b>	<b>0.16</b>	<b>0.27</b>	<b>10.54</b>	<b>16.36</b>	<b>26.83</b>	<b>29.15</b>	<b>16.45</b>	

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

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	1

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	2
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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