

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES**  
**11 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	21.64	22.82	23.81	26.47	30.09	1.34	n/a	n/a	0.38	8.22	28.81	36.99	12.64	16.72	N/A
2:00	15.46	16.55	17.40	20.89	26.51	0.67	0.52	0.15	0.27	2.35	14.11	16.43	35.41	16.82	
3:00	9.95	10.75	11.45	13.98	16.99	0.61	0.42	0.12	0.23	2.19	9.89	12.05	40.82	16.81	
4:00	11.77	12.87	13.76	17.32	22.55	0.62	0.47	0.15	0.23	1.60	14.44	15.84	30.84	16.87	
5:00	14.46	15.76	16.80	21.16	28.33	0.97	0.74	0.29	0.28	3.92	14.96	18.83	27.29	16.72	
6:00	16.88	18.12	19.24	22.37	28.56	0.81	0.99	0.20	0.28	2.15	18.91	20.97	18.59	16.53	
7:00	42.76	46.69	50.39	61.08	76.62	9.28	4.38	0.79	0.69	29.15	32.32	61.47	10.50	16.85	
8:00	38.14	41.64	44.81	56.32	72.38	1.92	1.62	0.33	0.46	24.43	27.66	52.09	17.75	16.98	
9:00	21.34	24.22	26.81	39.00	60.08	1.78	1.52	0.39	0.34	26.88	22.90	49.77	25.13	17.17	
10:00	9.87	11.26	12.38	18.86	29.92	0.74	0.58	0.16	0.23	6.22	8.31	14.53	42.11	16.70	
11:00	8.91	10.51	11.95	19.38	35.49	0.79	0.59	0.17	0.23	7.90	8.76	16.67	45.41	16.63	
12:00	6.65	7.74	8.54	13.86	23.80	0.46	0.33	0.12	0.19	6.27	8.24	14.47	47.97	16.51	
13:00	7.58	8.83	9.77	16.07	24.35	1.08	0.53	0.14	0.22	11.84	12.74	24.57	45.90	16.82	
14:00	7.28	8.23	9.04	12.68	18.08	0.46	0.27	0.12	0.20	4.03	7.29	11.24	48.69	16.85	
15:00	7.65	8.76	9.71	14.12	22.17	0.54	0.50	0.15	0.22	9.61	12.88	22.49	47.37	16.97	
16:00	7.07	8.09	8.93	13.50	20.46	0.53	0.54	0.15	0.20	10.59	11.87	22.44	46.90	16.68	
17:00	7.62	8.76	9.58	15.14	24.93	0.70	0.73	0.19	0.22	9.29	14.00	23.28	45.49	16.84	
18:00	8.74	9.53	10.11	13.25	17.89	0.70	0.34	0.13	0.22	1.22	6.89	8.00	49.39	16.79	
19:00	25.69	27.66	29.09	37.47	49.33	2.66	1.13	0.25	0.44	3.55	23.31	26.81	38.47	17.41	
20:00	54.37	59.18	62.63	82.31	110.01	7.65	3.30	0.62	0.86	11.69	39.76	51.40	22.56	17.82	
21:00	18.84	20.44	21.63	26.24	32.45	1.60	0.89	0.22	0.40	0.76	23.03	23.65	24.51	16.88	
22:00	26.61	28.25	29.46	33.53	38.65	1.91	1.02	0.23	0.45	0.96	17.00	17.88	24.30	16.69	
23:00	32.63	33.97	34.94	38.32	43.58	4.31	1.56	0.32	0.57	1.17	20.53	21.58	21.58	16.62	
24:00	29.96	31.38	32.58	35.75	40.23	2.75	1.29	0.24	0.50	1.60	20.37	21.90	17.54	16.62	
<b>Min</b>	<b>6.65</b>	<b>7.74</b>	<b>8.54</b>	<b>12.68</b>	<b>16.99</b>	<b>0.46</b>	<b>0.27</b>	<b>0.12</b>	<b>0.19</b>	<b>0.76</b>	<b>6.89</b>	<b>8.00</b>	<b>10.50</b>	<b>16.51</b>	
<b>Max</b>	<b>54.37</b>	<b>59.18</b>	<b>62.63</b>	<b>82.31</b>	<b>110.01</b>	<b>9.28</b>	<b>4.38</b>	<b>0.79</b>	<b>0.86</b>	<b>29.15</b>	<b>39.76</b>	<b>61.47</b>	<b>49.39</b>	<b>17.82</b>	
<b>Medie</b>	<b>18.83</b>	<b>20.50</b>	<b>21.87</b>	<b>27.88</b>	<b>37.23</b>	<b>1.87</b>	<b>1.05</b>	<b>0.25</b>	<b>0.35</b>	<b>7.82</b>	<b>17.46</b>	<b>25.22</b>	<b>32.80</b>	<b>16.85</b>	

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

Particule in suspensie (PM2,5)	3
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	2

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

Indice zilnic general	3
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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