

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
26 OCTOMBRIE 2025**



**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	19.48	20.71	21.83	23.89	26.60	3.40	2.22	0.83	0.60	0.87	10.67	10.89	17.17	6.31	0.007
2:00	27.28	29.65	31.26	33.70	37.10	2.67	2.19	0.93	0.54	1.69	11.51	12.69	15.03	7.08	
3:00	12.37	13.57	14.62	16.51	18.48	1.45	1.20	0.68	0.34	0.53	10.14	10.09	21.89	7.81	
4:00	14.78	15.99	17.09	19.84	23.73	2.33	1.96	0.81	0.41	1.78	16.81	18.00	8.90	6.92	
5:00	15.90	17.09	18.27	19.83	22.05	1.92	1.60	0.74	0.39	1.18	16.99	17.60	9.23	6.58	
6:00	14.01	15.26	16.38	18.86	21.65	1.73	1.50	0.72	0.34	0.88	14.34	14.84	12.77	6.54	
7:00	9.86	10.84	11.68	13.90	16.22	2.24	1.61	0.69	0.31	0.76	9.06	8.94	14.61	6.30	
8:00	15.02	16.25	17.32	18.87	20.59	2.18	1.85	0.75	0.37	2.42	14.37	16.36	9.36	6.59	
9:00	17.96	19.63	21.08	24.19	28.21	2.69	n/a	n/a	0.46	5.65	18.38	24.02	4.94	6.40	
10:00	23.22	25.07	26.61	29.19	33.23	2.91	2.39	0.90	0.45	8.61	18.97	27.57	6.45	6.65	
11:00	24.29	25.84	27.22	30.20	34.90	7.21	3.48	1.01	0.57	12.85	21.91	34.75	8.33	7.12	
12:00	36.32	38.18	39.71	44.28	51.94	5.78	3.98	1.16	0.65	14.85	23.66	38.50	10.68	7.12	
13:00	28.64	30.37	31.97	35.97	41.29	4.01	2.68	0.99	0.48	8.62	19.16	27.78	14.84	7.32	
14:00	20.69	22.27	23.71	27.10	31.60	2.59	1.82	0.87	0.38	3.18	12.13	15.27	21.30	6.98	
15:00	13.56	14.68	15.72	18.45	22.55	2.15	1.82	0.89	0.34	4.40	14.12	18.42	31.62	6.90	
16:00	5.74	6.60	7.45	10.25	14.09	1.48	1.26	0.83	0.32	5.32	16.06	21.38	33.40	6.78	
17:00	8.84	9.73	10.60	13.40	17.72	1.30	1.25	0.88	0.36	7.11	17.12	24.23	33.26	6.90	
18:00	34.23	35.90	37.01	40.78	44.84	3.43	2.54	1.14	0.55	1.92	17.66	19.41	28.26	7.10	
19:00	24.55	26.28	27.80	33.00	39.63	3.36	3.03	1.25	0.70	8.17	27.11	35.09	13.97	6.84	
20:00	38.10	40.10	41.73	46.05	52.01	8.45	4.76	1.48	0.93	21.39	36.73	58.10	3.62	7.21	
21:00	65.21	67.90	70.11	74.22	78.92	18.51	8.71	2.01	1.53	42.53	37.81	80.33	2.28	7.68	
22:00	33.46	35.19	36.60	38.82	41.32	4.26	3.07	1.24	0.59	5.41	29.77	35.16	6.47	6.74	
23:00	13.38	14.33	15.04	16.75	19.19	2.43	1.85	1.11	0.33	2.41	21.44	23.77	18.49	6.83	
24:00	5.34	5.72	6.07	6.41	6.89	1.06	0.96	0.92	0.24	0.97	8.74	9.48	28.18	7.42	
<b>Min</b>	<b>5.34</b>	<b>5.72</b>	<b>6.07</b>	<b>6.41</b>	<b>6.89</b>	<b>1.06</b>	<b>0.96</b>	<b>0.68</b>	<b>0.24</b>	<b>0.53</b>	<b>8.74</b>	<b>8.94</b>	<b>2.28</b>	<b>6.30</b>	
<b>Max</b>	<b>65.21</b>	<b>67.90</b>	<b>70.11</b>	<b>74.22</b>	<b>78.92</b>	<b>18.51</b>	<b>8.71</b>	<b>2.01</b>	<b>1.53</b>	<b>42.53</b>	<b>37.81</b>	<b>80.33</b>	<b>33.40</b>	<b>7.81</b>	
<b>Medie</b>	<b>21.76</b>	<b>23.22</b>	<b>24.45</b>	<b>27.27</b>	<b>31.03</b>	<b>3.73</b>	<b>2.51</b>	<b>0.99</b>	<b>0.51</b>	<b>6.81</b>	<b>18.53</b>	<b>25.11</b>	<b>15.63</b>	<b>6.92</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