

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

**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE -Municipiul Sebeş**

**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	18.50	20.03	21.50	24.46	27.15	2.74	2.83	1.01	0.55	5.05	18.54	23.58	11.75	4.65	0.006
2:00	22.76	24.56	26.27	30.22	34.69	5.90	6.45	1.30	0.70	9.82	20.61	30.43	6.26	4.66	
3:00	19.63	21.28	23.00	25.46	27.38	3.25	4.35	1.19	0.63	4.43	17.13	21.55	5.61	4.58	
4:00	9.88	11.37	13.01	16.30	20.13	1.47	2.73	0.98	0.41	3.90	12.79	16.70	5.93	4.75	
5:00	11.74	13.42	15.06	19.00	23.08	3.74	4.66	1.00	0.39	6.53	14.17	20.70	5.13	4.75	
6:00	13.39	14.96	16.59	19.71	23.10	3.64	3.83	1.04	0.41	7.38	13.47	20.84	4.64	4.70	
7:00	10.11	11.85	13.82	18.77	24.56	2.01	2.47	0.83	0.45	58.29	30.43	88.73	2.32	4.80	
8:00	29.96	32.78	35.86	44.67	54.63	5.53	4.52	1.09	0.65	53.16	26.05	79.21	2.29	4.79	
9:00	36.06	39.89	43.80	54.37	65.68	8.42	6.29	1.46	0.82	63.31	29.65	92.96	3.53	4.81	
10:00	27.37	30.89	34.42	44.32	56.68	4.07	3.72	1.07	0.50	35.50	25.68	61.19	8.59	4.79	
11:00	10.94	12.58	14.11	18.56	23.71	1.46	1.83	0.71	0.24	12.71	15.25	27.95	18.57	4.70	
12:00	8.57	9.98	11.22	14.91	19.03	1.09	1.49	0.67	0.22	9.16	11.88	21.04	23.54	4.76	
13:00	10.68	12.46	13.85	19.99	28.91	0.94	1.27	0.63	0.22	9.26	13.73	23.00	27.86	4.75	
14:00	4.55	5.88	7.09	12.02	19.63	1.18	1.36	0.90	0.18	5.09	10.77	15.87	37.29	4.78	
15:00	5.64	6.97	8.40	12.63	19.44	1.51	1.56	0.90	0.23	3.61	11.10	14.71	40.32	4.81	
16:00	16.24	18.34	19.87	25.21	32.89	2.56	3.80	1.25	0.31	6.37	19.75	26.12	37.61	4.87	
17:00	10.43	12.35	13.95	20.41	27.58	1.59	18.22	2.10	0.47	7.06	15.55	22.62	36.27	4.82	
18:00	61.71	65.83	69.35	83.66	102.03	17.19	11.05	2.63	0.97	12.71	38.42	51.14	16.34	4.94	
19:00	30.40	33.57	36.10	44.38	56.94	6.46	4.16	1.56	0.59	6.51	28.26	34.77	20.91	4.82	
20:00	21.48	23.81	26.26	32.18	40.81	5.39	2.97	1.37	0.65	8.36	35.62	43.99	17.56	4.84	
21:00	37.58	40.73	43.87	50.94	58.44	11.66	n/a	n/a	1.18	12.75	37.89	50.65	11.57	4.87	
22:00	30.26	32.26	34.34	39.52	45.40	4.98	3.21	1.12	0.85	3.78	18.85	22.63	19.36	4.80	
23:00	15.58	17.15	18.82	23.07	28.69	2.80	1.93	0.97	0.41	2.70	10.11	12.82	33.44	4.84	
24:00	4.72	5.80	6.93	9.09	11.32	0.97	1.17	0.92	0.21	2.07	5.32	7.40	43.48	4.93	
<b>Min</b>	<b>4.55</b>	<b>5.80</b>	<b>6.93</b>	<b>9.09</b>	<b>11.32</b>	<b>0.94</b>	<b>1.17</b>	<b>0.63</b>	<b>0.18</b>	<b>2.07</b>	<b>5.32</b>	<b>7.40</b>	<b>2.29</b>	<b>4.58</b>	
<b>Max</b>	<b>61.71</b>	<b>65.83</b>	<b>69.35</b>	<b>83.66</b>	<b>102.03</b>	<b>17.19</b>	<b>18.22</b>	<b>2.63</b>	<b>1.18</b>	<b>63.31</b>	<b>38.42</b>	<b>92.96</b>	<b>43.48</b>	<b>4.94</b>	
<b>Medie</b>	<b>19.51</b>	<b>21.61</b>	<b>23.65</b>	<b>29.33</b>	<b>36.33</b>	<b>4.19</b>	<b>4.17</b>	<b>1.16</b>	<b>0.51</b>	<b>14.56</b>	<b>20.04</b>	<b>34.61</b>	<b>18.34</b>	<b>4.78</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