

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
18 MARTIE 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	4.45	4.77	5.06	5.76	8.15	0.72	0.42	0.28	0.21	2.96	7.40	10.37	58.21	8.14	N/A
2:00	2.93	3.25	3.51	4.31	5.80	0.54	0.30	0.29	0.19	3.01	5.46	8.48	58.23	8.20	
3:00	3.12	3.39	3.59	4.26	5.18	0.51	0.29	0.26	0.18	2.65	4.23	6.88	57.52	8.20	
4:00	3.85	4.12	4.35	4.68	5.46	0.61	0.31	0.65	0.19	2.64	3.36	6.00	57.28	8.20	
5:00	3.78	4.09	4.37	4.79	5.19	0.49	0.27	0.55	0.18	2.42	3.15	5.57	55.71	8.22	
6:00	3.47	3.81	4.07	4.97	5.85	0.64	0.30	0.59	0.17	2.79	3.35	6.14	52.62	8.32	
7:00	7.91	8.31	8.58	9.62	10.83	1.04	0.56	0.27	0.22	2.72	3.62	6.35	51.63	8.30	
8:00	6.80	7.43	7.92	10.00	13.74	0.90	0.44	0.24	0.22	2.69	5.73	8.43	48.08	8.23	
9:00	10.90	11.63	12.26	14.73	18.79	3.04	0.80	0.28	0.28	2.61	7.05	9.66	53.69	8.31	
10:00	5.19	5.63	5.99	7.47	10.09	0.80	0.45	0.21	0.22	2.78	5.85	8.65	56.57	8.18	
11:00	6.35	6.88	7.34	8.68	10.49	0.69	0.38	0.24	0.21	2.53	5.01	7.55	58.36	8.26	
12:00	4.49	5.28	5.94	9.63	15.57	0.55	0.36	0.20	0.20	2.43	4.37	6.80	62.10	8.20	
13:00	4.10	4.65	5.06	7.68	12.41	0.45	0.27	0.21	0.18	2.42	3.99	6.42	64.49	8.22	
14:00	4.55	5.34	6.00	9.41	16.74	0.57	0.31	0.22	0.20	2.44	3.66	6.11	65.94	8.16	
15:00	3.98	4.48	4.90	6.95	10.51	0.41	0.25	0.20	0.18	2.29	3.57	5.87	67.98	8.07	
16:00	5.28	5.80	6.25	8.04	11.16	0.99	0.33	0.52	0.20	1.70	3.42	5.14	69.07	7.87	
17:00	5.69	6.26	6.63	8.90	12.18	0.57	0.29	0.60	0.20	2.12	3.18	5.32	70.27	8.05	
18:00	8.40	9.02	9.41	12.13	16.20	1.01	0.43	0.26	0.23	2.35	3.25	5.61	70.59	8.31	
19:00	16.25	17.01	17.53	19.99	23.92	3.35	0.90	0.29	0.45	2.36	3.63	6.00	62.66	8.77	
20:00	33.86	35.24	36.29	40.45	49.20	3.26	1.54	0.44	0.69	2.70	6.89	9.60	41.90	8.43	
21:00	27.58	28.75	29.59	32.93	38.06	2.77	1.25	0.36	0.69	2.56	10.71	13.27	45.02	8.28	
22:00	21.29	21.92	22.42	23.81	26.09	2.33	1.17	0.32	0.55	2.37	10.95	13.33	50.66	8.16	
23:00	11.23	11.73	12.03	13.30	15.63	1.93	0.67	0.26	0.42	2.25	10.70	12.98	52.25	8.12	
24:00	6.56	6.91	7.12	7.84	9.42	0.98	0.49	0.19	0.29	2.27	8.35	10.63	58.84	8.14	
<b>Min</b>	<b>2.93</b>	<b>3.25</b>	<b>3.51</b>	<b>4.26</b>	<b>5.18</b>	<b>0.41</b>	<b>0.25</b>	<b>0.19</b>	<b>0.17</b>	<b>1.70</b>	<b>3.15</b>	<b>5.14</b>	<b>41.90</b>	<b>7.87</b>	
<b>Max</b>	<b>33.86</b>	<b>35.24</b>	<b>36.29</b>	<b>40.45</b>	<b>49.20</b>	<b>3.35</b>	<b>1.54</b>	<b>0.65</b>	<b>0.69</b>	<b>3.01</b>	<b>10.95</b>	<b>13.33</b>	<b>70.59</b>	<b>8.77</b>	
<b>Medie</b>	<b>8.83</b>	<b>9.40</b>	<b>9.84</b>	<b>11.68</b>	<b>14.86</b>	<b>1.21</b>	<b>0.53</b>	<b>0.33</b>	<b>0.28</b>	<b>2.50</b>	<b>5.45</b>	<b>7.97</b>	<b>57.90</b>	<b>8.22</b>	

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

Particule in suspensie (PM2,5)	1
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	2
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 - Analizor trimis la producător pentru calibrare și update firmware