

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
16 DECEMBRIE 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	66.94	68.31	69.11	71.29	73.52	6.01	2.63	0.46	1.26	7.97	16.61	24.58	3.07	6.59	N/A
2:00	66.25	68.95	70.37	72.21	74.03	4.30	2.03	0.37	1.28	8.37	16.00	24.36	2.16	6.73	
3:00	47.82	49.40	50.21	51.44	53.11	3.28	1.71	0.33	0.93	5.89	12.30	18.21	2.82	6.56	
4:00	26.74	27.48	27.94	29.21	30.99	2.22	1.06	0.24	0.58	3.02	8.64	11.64	6.44	6.51	
5:00	30.25	31.19	31.81	32.58	33.31	2.82	1.78	0.25	0.62	4.29	10.88	15.17	4.85	6.44	
6:00	33.67	34.79	35.40	37.20	40.07	3.19	1.45	0.26	0.59	9.19	13.87	23.06	4.18	6.38	
7:00	35.05	36.44	37.46	41.04	45.08	4.16	3.10	0.46	0.77	41.90	21.29	63.19	1.54	6.82	
8:00	70.73	74.64	77.92	86.02	97.59	11.09	4.46	0.65	1.28	82.57	27.71	110.28	0.38	7.31	
9:00	90.58	95.07	98.93	112.45	131.85	10.59	6.57	0.97	1.68	129.31	32.67	161.98	0.56	7.71	
10:00	117.29	122.60	126.62	141.87	161.51	13.21	5.42	0.74	1.63	80.11	36.65	116.77	1.54	7.45	
11:00	80.32	83.97	86.42	94.23	105.79	7.52	n/a	n/a	0.86	40.22	27.27	67.48	5.34	7.08	
12:00	27.45	28.64	29.53	32.02	35.85	2.29	1.25	0.28	0.43	11.18	12.64	23.83	13.57	6.77	
13:00	22.64	23.60	24.38	26.22	29.11	1.67	0.92	0.23	0.37	8.15	11.24	19.39	18.58	6.74	
14:00	21.57	22.71	23.70	25.97	29.85	1.67	3.21	0.29	0.36	7.53	12.56	20.09	21.22	6.82	
15:00	26.09	27.25	28.18	31.23	35.55	2.14	2.64	0.36	0.42	7.56	15.21	22.76	19.03	6.90	
16:00	32.09	34.01	35.64	40.16	47.00	2.19	19.21	1.48	0.54	7.10	20.19	27.30	13.88	6.43	
17:00	54.17	57.53	60.54	70.32	84.09	9.54	6.47	0.85	1.18	53.80	40.71	94.51	3.00	7.41	
18:00	122.74	130.11	134.98	152.71	175.64	12.56	6.14	0.92	2.01	86.09	43.57	129.66	0.58	7.84	
19:00	128.62	133.02	135.97	146.70	162.61	12.78	5.53	0.90	1.86	49.98	35.63	85.61	0.64	7.39	
20:00	74.53	76.93	78.49	82.63	89.72	6.38	2.72	0.54	1.09	18.51	30.46	48.97	1.82	6.97	
21:00	63.01	64.86	66.13	69.57	73.57	4.67	2.16	0.80	1.13	22.31	25.87	48.18	3.60	6.86	
22:00	87.49	90.36	92.17	98.84	105.88	8.17	3.33	0.63	1.62	27.96	28.41	56.37	1.26	7.06	
23:00	107.47	110.30	112.03	117.00	123.65	12.45	5.09	0.92	2.10	38.65	27.94	66.58	0.61	7.23	
24:00	132.35	136.16	138.63	144.81	151.66	12.17	5.02	0.81	2.26	51.56	25.73	77.30	0.36	7.30	
<b>Min</b>	<b>21.57</b>	<b>22.71</b>	<b>23.70</b>	<b>25.97</b>	<b>29.11</b>	<b>1.67</b>	<b>0.92</b>	<b>0.23</b>	<b>0.36</b>	<b>3.02</b>	<b>8.64</b>	<b>11.64</b>	<b>0.36</b>	<b>6.38</b>	
<b>Max</b>	<b>132.35</b>	<b>136.16</b>	<b>138.63</b>	<b>152.71</b>	<b>175.64</b>	<b>13.21</b>	<b>19.21</b>	<b>1.48</b>	<b>2.26</b>	<b>129.31</b>	<b>43.57</b>	<b>161.98</b>	<b>21.22</b>	<b>7.84</b>	
<b>Medie</b>	<b>65.24</b>	<b>67.85</b>	<b>69.69</b>	<b>75.32</b>	<b>82.96</b>	<b>6.54</b>	<b>4.08</b>	<b>0.60</b>	<b>1.12</b>	<b>33.47</b>	<b>23.09</b>	<b>56.55</b>	<b>5.46</b>	<b>6.97</b>	

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

Particule in suspensie (PM2,5)	5
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	4

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

Indice zilnic general	5
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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