

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
23 FEBRUARIE 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	113.41	116.93	118.13	120.41	122.98	8.65	3.60	0.66	1.45	7.36	22.95	30.31	39.08	5.62	0.006
2:00	107.99	110.67	111.75	114.05	116.85	7.37	3.63	0.67	1.40	8.62	24.04	32.66	32.18	5.60	
3:00	83.45	85.37	86.19	88.18	90.93	5.72	2.67	0.61	1.24	8.31	24.07	32.38	29.81	5.52	
4:00	63.81	65.51	66.35	68.04	70.39	3.78	1.92	0.48	0.99	6.62	16.75	23.37	38.29	5.54	
5:00	60.23	61.87	62.72	63.94	65.81	4.22	2.12	0.51	0.92	5.80	14.19	19.99	38.95	5.57	
6:00	56.29	57.91	58.73	60.34	62.99	3.26	2.22	0.51	0.82	6.29	16.87	23.16	30.99	5.51	
7:00	50.63	52.12	52.97	54.50	57.35	3.89	1.83	0.47	0.68	6.01	15.44	21.46	39.41	5.44	
8:00	55.00	56.77	57.79	61.87	67.84	3.92	1.81	0.45	0.75	5.85	12.03	17.89	40.54	5.45	
9:00	115.97	118.80	120.55	126.76	135.31	8.32	3.27	0.64	1.30	12.05	18.96	31.00	34.30	5.70	
10:00	74.99	77.29	78.59	82.51	87.05	3.02	1.66	0.47	0.57	8.47	9.32	17.79	57.17	6.65	
11:00	44.07	45.76	46.91	50.40	54.67	2.59	1.18	0.71	0.36	5.52	3.64	9.17	74.54	8.16	
12:00	37.88	39.39	40.44	43.23	46.87	2.04	0.98	0.29	0.33	4.89	3.17	8.05	85.30	8.61	
13:00	36.08	37.48	38.44	41.35	45.27	1.78	0.87	0.28	0.31	5.32	3.61	8.92	92.40	8.26	
14:00	32.19	33.53	34.44	37.14	40.69	1.66	0.84	0.27	0.29	5.19	3.87	9.05	98.31	7.81	
15:00	21.95	22.92	23.60	25.38	27.95	1.07	0.54	0.22	0.22	3.96	0.58	4.55	108.42	6.76	
16:00	20.01	20.94	21.55	23.26	26.38	1.37	0.54	0.22	0.22	3.82	0.13	3.95	111.18	6.69	
17:00	18.82	19.75	20.40	21.93	23.91	1.24	0.56	0.23	0.25	3.94	0.99	4.94	111.38	6.72	
18:00	21.01	22.02	22.71	24.93	27.88	1.16	0.53	0.21	0.31	4.00	3.38	7.38	103.46	6.76	
19:00	71.38	74.88	77.38	86.03	97.52	8.03	2.92	0.62	1.25	15.13	44.59	59.72	46.29	6.85	
20:00	80.24	83.34	85.41	92.39	102.75	7.61	2.72	0.59	1.15	7.36	28.01	35.37	56.35	6.35	
21:00	78.37	80.93	82.57	88.37	96.01	7.99	2.91	0.59	1.14	6.70	26.35	33.05	55.12	6.15	
22:00	80.07	82.58	83.94	90.22	98.11	9.82	3.17	0.64	1.20	6.61	22.43	29.04	56.42	6.00	
23:00	56.92	58.66	59.64	62.98	67.28	4.53	1.54	0.43	0.98	7.16	28.76	35.92	51.65	5.97	
24:00	100.88	103.40	104.45	107.73	113.01	9.36	3.52	0.67	1.40	6.90	22.85	29.73	44.98	5.83	
<b>Min</b>	<b>18.82</b>	<b>19.75</b>	<b>20.40</b>	<b>21.93</b>	<b>23.91</b>	<b>1.07</b>	<b>0.53</b>	<b>0.21</b>	<b>0.22</b>	<b>3.82</b>	<b>0.13</b>	<b>3.95</b>	<b>29.81</b>	<b>5.44</b>	
<b>Max</b>	<b>115.97</b>	<b>118.80</b>	<b>120.55</b>	<b>126.76</b>	<b>135.31</b>	<b>9.82</b>	<b>3.63</b>	<b>0.71</b>	<b>1.45</b>	<b>15.13</b>	<b>44.59</b>	<b>59.72</b>	<b>111.38</b>	<b>8.61</b>	
<b>Medie</b>	<b>61.73</b>	<b>63.70</b>	<b>64.82</b>	<b>68.16</b>	<b>72.74</b>	<b>4.68</b>	<b>1.98</b>	<b>0.48</b>	<b>0.81</b>	<b>6.75</b>	<b>15.29</b>	<b>22.04</b>	<b>61.52</b>	<b>6.40</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)	3
Particule in suspensie (PM10)	4

Indice zilnic general **5**

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

\*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