

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
07 IANUARIE 2025**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE -Kogalniceanu, nr.114**

**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	82.21	84.66	85.92	89.33	93.08	9.18	4.61	1.10	1.81	61.72	36.92	98.63	5.23	8.38	0.007
2:00	69.09	71.03	72.15	74.30	76.78	8.68	4.34	1.05	1.85	61.43	34.07	95.50	5.17	8.28	
3:00	86.76	89.02	90.22	93.56	98.02	8.52	4.78	1.10	2.22	68.48	30.68	99.13	5.39	8.37	
4:00	67.47	69.18	70.26	72.69	75.37	5.56	3.99	0.99	1.80	55.03	27.82	82.85	5.15	8.21	
5:00	43.65	44.88	45.70	47.63	49.51	3.21	2.46	0.75	1.16	20.21	24.26	44.49	5.12	7.75	
6:00	41.01	42.10	42.73	44.19	45.48	3.74	2.26	0.74	1.11	20.51	24.90	45.36	5.06	7.82	
7:00	39.62	40.70	41.40	42.83	44.23	3.37	2.37	0.72	1.17	22.34	23.84	46.15	5.05	7.79	
8:00	36.28	37.44	38.43	40.30	43.11	3.00	2.08	0.66	1.06	32.65	22.88	55.53	4.79	7.88	
9:00	41.87	42.92	43.69	45.20	47.01	3.74	3.99	0.96	1.16	42.99	27.09	70.10	4.94	8.09	
10:00	45.36	46.95	48.26	51.46	55.65	4.80	2.71	0.75	1.31	60.89	25.07	85.94	5.19	8.17	
11:00	79.60	82.53	84.92	92.75	103.18	7.86	4.02	0.95	1.76	89.17	35.71	124.90	5.78	8.71	
12:00	91.93	95.08	97.34	105.02	116.93	7.66	4.24	0.98	1.70	74.21	43.49	117.71	6.44	8.68	
13:00	67.41	71.28	73.91	88.53	116.59	5.08	3.30	0.88	1.30	56.80	38.97	95.76	7.31	8.79	
14:00	72.89	75.89	78.05	86.08	99.87	5.70	2.94	0.79	1.46	42.29	45.69	87.97	10.81	8.63	
15:00	89.90	93.12	95.25	104.45	117.10	7.08	3.69	0.91	1.43	27.90	44.18	72.07	13.94	8.39	
16:00	34.29	37.59	40.12	57.64	88.40	2.51	2.05	0.73	0.91	13.95	31.95	45.86	16.64	8.42	
17:00	42.63	45.73	47.95	62.58	87.44	2.94	2.51	0.76	1.04	19.30	43.08	62.36	11.07	8.49	
18:00	60.18	62.70	64.67	70.75	79.72	5.58	3.47	0.87	1.42	35.39	53.14	88.53	6.45	8.63	
19:00	66.32	69.62	72.09	82.36	97.87	5.20	4.55	1.09	1.44	142.40	61.60	204.00	4.33	9.53	
20:00	58.22	60.19	61.34	65.74	72.27	5.78	3.44	0.93	1.38	61.28	52.38	113.69	4.72	8.34	
21:00	90.84	93.55	95.13	99.05	103.10	10.96	6.22	1.37	1.99	100.78	47.46	148.26	5.32	9.09	
22:00	108.09	111.58	113.68	119.08	126.08	16.24	7.91	1.57	2.30	152.12	50.56	202.69	5.45	9.68	
23:00	150.09	154.28	156.42	163.04	173.12	25.83	n/a	n/a	3.06	191.56	44.85	236.41	5.95	10.12	
24:00	202.81	207.72	209.83	214.82	222.15	22.32	9.88	1.82	4.25	185.22	39.74	224.97	6.61	9.93	
<b>Min</b>	<b>34.29</b>	<b>37.44</b>	<b>38.43</b>	<b>40.30</b>	<b>43.11</b>	<b>2.51</b>	<b>2.05</b>	<b>0.66</b>	<b>0.91</b>	<b>13.95</b>	<b>22.88</b>	<b>44.49</b>	<b>4.33</b>	<b>7.75</b>	
<b>Max</b>	<b>202.81</b>	<b>207.72</b>	<b>209.83</b>	<b>214.82</b>	<b>222.15</b>	<b>25.83</b>	<b>9.88</b>	<b>1.82</b>	<b>4.25</b>	<b>191.56</b>	<b>61.60</b>	<b>236.41</b>	<b>16.64</b>	<b>10.12</b>	
<b>Medie</b>	<b>73.69</b>	<b>76.24</b>	<b>77.89</b>	<b>83.89</b>	<b>93.00</b>	<b>7.69</b>	<b>3.99</b>	<b>0.98</b>	<b>1.67</b>	<b>68.28</b>	<b>37.93</b>	<b>106.20</b>	<b>6.75</b>	<b>8.59</b>	

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

Particule in suspensie (PM2,5)	6
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 **6**

\*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