

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

20 MAI 2020



## DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE - Amplasament: Str. M. Kogalniceanu nr. 114 A

Valori medii orare

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formal dehid
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	20.21	26.52	32.76	52.99	78.91	1.30	4.11	5.86	0.34	1.56	22.76	25.14	26.37	7.66	<0.001
2:00	16.62	21.58	26.60	41.20	59.13	1.01	4.03	6.13	0.33	2.31	29.09	32.62	17.88	7.21	
3:00	12.84	16.71	20.87	30.19	42.70	0.45	1.96	5.83	0.27	1.85	17.73	20.55	23.79	6.20	
4:00	13.02	16.71	20.66	28.94	39.50	0.54	2.52	6.21	0.31	1.59	12.46	14.88	20.94	5.73	
5:00	13.66	17.74	22.11	30.92	43.29	0.56	2.04	6.08	0.26	1.40	11.44	13.57	23.21	5.99	
6:00	12.28	15.91	19.86	28.34	39.27	0.42	n/a	n/a	0.23	1.66	14.27	16.81	26.88	6.00	
7:00	12.34	16.05	20.15	29.89	44.92	0.45	1.94	5.98	0.26	3.24	27.31	32.26	19.18	5.85	
8:00	13.45	17.03	20.86	31.73	48.71	0.48	1.62	6.11	0.25	2.74	19.17	23.36	31.59	5.78	
9:00	13.43	18.31	23.10	42.51	70.53	0.65	6.47	8.86	0.28	3.59	27.11	32.59	23.74	5.68	
10:00	15.10	19.91	25.14	36.24	51.60	0.41	10.11	9.40	0.28	7.79	32.49	44.39	16.40	5.74	
11:00	16.00	19.91	24.14	30.99	40.12	0.40	2.02	6.20	0.27	7.62	29.19	40.82	26.00	5.61	
12:00	8.20	10.42	12.95	18.62	27.09	0.65	1.40	5.87	0.22	1.69	6.57	9.16	67.11	5.43	
13:00	4.58	6.06	7.73	10.21	13.73	0.07	0.91	5.63	0.19	1.28	3.34	5.29	79.44	5.18	
14:00	4.90	7.03	9.43	15.62	23.53	0.16	1.20	5.95	0.20	1.23	3.87	5.75	79.40	5.16	
15:00	5.25	6.84	8.62	12.56	19.13	0.14	0.96	6.17	0.20	1.53	3.64	5.99	79.34	5.14	
16:00	5.90	7.83	9.87	15.45	23.76	0.10	1.08	6.02	0.20	1.39	4.85	6.98	79.37	5.17	
17:00	6.51	8.76	11.14	17.86	26.77	0.11	0.99	5.88	0.20	1.38	8.13	10.24	72.34	5.15	
18:00	5.82	7.66	9.82	12.97	17.87	0.19	1.20	5.98	0.20	1.23	9.67	11.54	67.83	5.26	
19:00	5.52	7.11	8.89	11.63	14.98	0.12	0.91	6.08	0.20	1.48	8.14	10.41	65.01	5.18	
20:00	5.01	6.78	8.74	13.21	20.27	0.20	1.16	6.09	0.21	1.56	8.35	10.74	56.30	5.17	
21:00	5.18	6.70	8.41	11.06	14.40	0.26	1.23	6.43	0.22	1.31	8.43	10.43	51.15	5.13	
22:00	5.10	6.41	7.81	9.55	12.06	0.35	1.41	6.47	0.26	1.55	9.70	12.08	53.40	5.19	
23:00	3.11	3.85	4.66	5.93	7.21	0.47	2.09	6.58	0.21	1.00	4.64	6.18	65.70	5.06	
24:00	3.36	4.26	5.26	6.98	8.49	0.19	1.00	6.22	0.20	0.80	6.08	7.29	52.04	5.03	
<b>Min</b>	<b>3.11</b>	<b>3.85</b>	<b>4.66</b>	<b>5.93</b>	<b>7.21</b>	<b>0.07</b>	<b>0.91</b>	<b>5.63</b>	<b>0.19</b>	<b>0.80</b>	<b>3.34</b>	<b>5.29</b>	<b>16.40</b>	<b>5.03</b>	
<b>Max</b>	<b>20.21</b>	<b>26.52</b>	<b>32.76</b>	<b>52.99</b>	<b>78.91</b>	<b>1.30</b>	<b>10.11</b>	<b>9.40</b>	<b>0.34</b>	<b>7.79</b>	<b>32.49</b>	<b>44.39</b>	<b>79.44</b>	<b>7.66</b>	
<b>Medie</b>	<b>9.47</b>	<b>12.34</b>	<b>15.40</b>	<b>22.73</b>	<b>32.83</b>	<b>0.40</b>	<b>2.28</b>	<b>6.35</b>	<b>0.24</b>	<b>2.20</b>	<b>13.68</b>	<b>17.04</b>	<b>46.85</b>	<b>5.61</b>	

**Indice privind calitatea aerului in Municipiul Sebes - Ordin 1095/2007**

Monoxid de Carbon (CO)	1
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Pulberi in suspensie (PM10)	3

1	Excelent
2	Foarte bun
3	Bun
4	Mediu
5	Rau
6	Foarte rau

Indice zilnic general	3
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sld-sub limita de detectie

\*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