

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

19 APRILIE 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	44.83	47.80	50.06	57.05	67.10	3.01	3.22	3.32	0.83	2.30	17.92	21.42	25.57	5.02	0.004
2:00	37.51	40.02	42.06	48.31	56.42	2.52	3.52	3.30	0.80	1.89	16.21	19.11	21.56	4.98	
3:00	36.76	39.29	41.21	47.21	54.30	2.15	3.44	3.29	0.73	2.03	16.73	19.83	17.46	4.91	
4:00	31.65	33.88	35.77	39.67	46.24	2.05	2.37	2.99	0.62	1.86	13.55	16.39	19.37	4.86	
5:00	25.00	26.97	28.66	33.56	40.73	1.53	1.97	2.86	0.47	1.48	10.29	12.55	25.80	4.65	
6:00	23.21	25.14	26.67	32.11	39.67	1.38	1.79	2.78	0.46	1.62	9.99	12.47	22.32	4.56	
7:00	19.95	21.96	23.73	29.37	37.15	1.26	1.51	2.78	0.39	1.30	8.77	10.75	28.90	4.68	
8:00	20.05	22.34	24.33	32.53	43.24	1.28	1.57	2.65	0.41	2.04	10.16	13.30	28.33	4.91	
9:00	20.90	22.97	24.76	31.65	41.70	1.29	1.42	2.67	0.39	1.96	9.21	12.21	34.30	5.16	
10:00	22.19	24.26	26.15	31.98	40.93	1.06	1.19	2.43	0.38	1.87	10.37	13.23	36.95	5.49	
11:00	28.18	30.68	32.69	40.81	53.15	1.01	1.32	2.52	0.38	2.55	13.92	17.82	36.05	6.60	
12:00	29.52	32.21	34.24	43.97	58.06	0.90	1.18	2.53	0.35	5.79	21.09	29.94	43.74	12.46	
13:00	20.84	23.01	24.72	32.93	43.47	0.67	1.05	2.59	0.30	2.02	9.79	12.87	76.87	7.54	
14:00	6.98	8.54	10.17	14.06	19.56	0.33	0.80	3.39	0.22	0.58	3.14	4.01	104.87	4.64	
15:00	10.89	12.91	14.82	22.00	36.28	0.44	0.89	2.75	0.25	1.10	8.82	10.50	85.42	8.13	
16:00	10.32	12.52	14.74	21.40	32.54	0.32	0.83	2.82	0.24	0.84	8.57	9.84	87.67	5.84	
17:00	7.82	9.71	11.70	16.80	25.12	0.25	0.81	2.90	0.22	0.56	5.17	6.03	100.61	7.89	
18:00	9.33	11.21	13.06	18.64	28.45	0.36	0.95	3.00	0.24	0.65	5.98	6.97	82.82	6.58	
19:00	7.56	9.51	11.12	19.81	36.40	0.42	0.93	3.05	0.24	0.52	3.05	3.82	84.03	4.53	
20:00	8.00	9.65	11.20	15.79	22.70	0.81	1.07	3.08	0.29	0.54	4.04	4.86	78.22	4.78	
21:00	10.88	12.50	13.98	17.49	23.36	1.55	n/a	n/a	0.36	1.03	6.15	7.72	71.47	5.10	
22:00	10.48	12.12	13.66	16.25	18.93	0.97	1.12	3.19	0.35	0.91	4.82	6.22	74.62	4.69	
23:00	9.23	10.66	12.02	13.53	15.83	0.72	1.12	3.17	0.33	0.66	4.79	5.83	75.33	4.84	
24:00	8.26	9.58	10.83	12.24	13.95	0.55	1.02	3.12	0.30	0.94	5.27	6.72	69.43	4.75	
<b>Min</b>	<b>6.98</b>	<b>8.54</b>	<b>10.17</b>	<b>12.24</b>	<b>13.95</b>	<b>0.25</b>	<b>0.80</b>	<b>2.43</b>	<b>0.22</b>	<b>0.52</b>	<b>3.05</b>	<b>3.82</b>	<b>17.46</b>	<b>4.53</b>	
<b>Max</b>	<b>44.83</b>	<b>47.80</b>	<b>50.06</b>	<b>57.05</b>	<b>67.10</b>	<b>3.01</b>	<b>3.52</b>	<b>3.39</b>	<b>0.83</b>	<b>5.79</b>	<b>21.09</b>	<b>29.94</b>	<b>104.87</b>	<b>12.46</b>	
<b>Medie</b>	<b>19.18</b>	<b>21.23</b>	<b>23.01</b>	<b>28.71</b>	<b>37.30</b>	<b>1.12</b>	<b>1.53</b>	<b>2.92</b>	<b>0.40</b>	<b>1.54</b>	<b>9.49</b>	<b>11.85</b>	<b>55.49</b>	<b>5.73</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)	3
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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\*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