

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

12 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/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>
1:00	25.23	32.67	40.44	60.03	86.94	1.61	3.98	7.19	0.50	1.72	24.80	27.43	24.66	6.11	<0.001
2:00	20.07	28.17	36.39	58.78	89.14	1.97	5.73	7.65	0.37	1.35	15.84	17.90	36.97	6.15	
3:00	4.84	14.11	24.56	55.89	117.60	0.21	1.09	6.31	0.19	0.74	1.39	2.50	81.31	6.17	
4:00	4.20	11.48	21.09	31.49	44.73	0.15	0.84	5.04	0.18	0.80	1.87	3.08	80.80	6.75	
5:00	4.01	11.08	20.14	30.80	43.89	0.15	0.88	4.02	0.19	0.89	3.79	5.14	74.18	7.57	
6:00	4.27	11.32	20.52	30.69	44.00	0.17	1.13	3.90	0.19	1.11	6.47	8.16	68.86	8.15	
7:00	5.12	11.29	18.74	32.58	53.37	0.22	1.06	3.78	0.20	1.08	7.05	8.69	70.26	9.51	
8:00	5.28	10.52	16.17	33.35	62.51	0.18	0.86	3.61	0.20	1.56	7.99	10.36	71.53	19.46	
9:00	5.19	10.02	14.89	32.80	60.91	0.18	1.07	3.01	0.20	1.22	5.88	7.72	79.03	18.88	
10:00	5.31	9.34	13.59	25.41	45.21	0.17	1.26	2.45	0.20	1.12	4.55	6.26	85.36	12.16	
11:00	4.40	7.53	10.75	19.92	38.37	0.15	1.27	2.44	0.19	1.04	3.61	5.21	86.65	8.11	
12:00	4.10	9.58	14.58	41.93	88.12	0.14	0.65	2.19	0.20	1.14	4.20	5.95	85.73	10.78	
13:00	3.02	6.03	8.89	22.66	46.24	0.11	0.55	2.28	0.19	1.06	2.73	4.35	84.10	8.00	
14:00	2.83	4.95	6.85	14.82	26.94	0.12	0.82	2.52	0.19	1.05	2.94	4.53	83.29	6.41	
15:00	5.37	8.17	10.43	21.52	44.27	0.12	0.89	2.55	0.20	2.62	10.86	14.86	69.50	9.85	
16:00	2.45	3.57	4.66	8.24	14.81	0.09	0.58	2.47	0.20	1.20	3.87	5.70	69.47	5.25	
17:00	2.99	4.62	6.00	12.95	22.89	0.24	0.61	4.84	0.20	1.27	4.97	6.90	67.22	5.22	
18:00	2.72	4.19	5.41	13.19	25.90	0.19	0.60	2.51	0.20	1.05	3.85	5.46	63.97	4.99	
19:00	2.85	3.90	4.96	9.23	15.63	0.23	0.63	2.56	0.21	1.23	4.92	6.81	60.62	8.33	
20:00	2.66	3.60	4.59	8.16	13.62	0.20	0.57	2.48	0.21	1.20	5.80	7.64	59.02	13.20	
21:00	2.23	3.12	4.13	7.32	12.18	0.22	0.61	2.51	0.21	0.98	6.69	8.20	58.92	12.64	
22:00	7.85	9.75	11.26	17.50	28.86	0.27	1.22	2.46	0.23	1.03	14.17	15.74	50.34	5.17	
23:00	3.80	4.72	5.61	9.46	14.02	0.36	0.94	n/a	0.24	1.73	11.36	14.00	52.06	5.26	
24:00	4.09	4.99	5.83	9.74	14.07	0.41	n/a	n/a	0.23	1.21	7.41	9.25	49.45	6.02	
<b>Min</b>	<b>2.23</b>	<b>3.12</b>	<b>4.13</b>	<b>7.32</b>	<b>12.18</b>	<b>0.09</b>	<b>0.55</b>	<b>2.19</b>	<b>0.18</b>	<b>0.74</b>	<b>1.39</b>	<b>2.50</b>	<b>24.66</b>	<b>4.99</b>	
<b>Max</b>	<b>25.23</b>	<b>32.67</b>	<b>40.44</b>	<b>60.03</b>	<b>117.60</b>	<b>1.97</b>	<b>5.73</b>	<b>7.65</b>	<b>0.50</b>	<b>2.62</b>	<b>24.80</b>	<b>27.43</b>	<b>86.65</b>	<b>19.46</b>	
<b>Medie</b>	<b>5.62</b>	<b>9.53</b>	<b>13.77</b>	<b>25.35</b>	<b>43.93</b>	<b>0.33</b>	<b>1.21</b>	<b>3.58</b>	<b>0.22</b>	<b>1.23</b>	<b>6.96</b>	<b>8.83</b>	<b>67.22</b>	<b>8.76</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
-----------------------	---

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