

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

16 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	6.29	13.41	21.66	34.60	52.78	0.22	0.72	4.86	0.21	0.82	3.93	5.19	77.51	12.10	<0.001
2:00	6.65	13.34	20.88	34.01	54.41	0.21	0.66	4.83	0.21	0.85	4.97	6.27	73.90	24.44	
3:00	6.49	11.63	17.14	30.51	48.78	0.21	0.67	4.69	0.21	0.66	4.40	5.41	74.49	19.09	
4:00	6.37	9.35	12.49	20.59	32.32	0.22	0.71	4.70	0.22	0.81	4.52	5.76	72.09	11.74	
5:00	6.86	9.51	12.24	20.55	32.82	0.29	0.97	4.55	0.22	0.90	10.61	12.00	57.04	7.59	
6:00	6.57	8.44	10.39	17.10	26.27	0.29	0.98	4.54	0.23	0.99	11.30	12.81	50.48	5.48	
7:00	6.76	8.65	10.63	17.95	27.21	0.57	1.63	n/a	0.24	1.37	9.48	11.58	50.46	6.78	
8:00	6.31	7.80	9.21	16.16	28.48	0.51	1.02	5.27	0.23	1.93	5.84	8.78	52.06	13.79	
9:00	6.17	7.50	8.92	13.71	20.37	0.37	0.80	n/a	0.24	1.52	4.36	6.70	58.51	9.72	
10:00	5.31	6.48	7.48	13.58	23.90	0.32	0.80	n/a	0.24	1.32	3.72	5.74	64.09	5.23	
11:00	4.33	5.37	6.20	12.17	22.82	0.30	0.61	3.15	0.24	1.27	2.91	4.84	67.62	4.94	
12:00	4.11	5.31	6.36	13.46	25.76	0.34	0.89	2.98	0.23	1.10	2.95	4.62	67.28	4.87	
13:00	4.34	5.13	5.91	9.23	14.56	0.29	0.69	2.89	0.23	1.10	2.91	4.58	68.43	4.84	
14:00	4.37	5.18	5.93	9.68	16.33	0.27	0.61	2.98	0.23	1.01	2.60	4.13	73.44	4.85	
15:00	3.95	4.57	5.20	7.88	12.29	0.34	n/a	n/a	0.22	0.95	2.67	4.11	78.13	4.83	
16:00	3.05	3.52	3.97	5.93	9.02	0.23	0.52	3.11	0.22	0.95	2.80	4.24	81.33	4.89	
17:00	3.25	3.89	4.50	7.46	11.40	0.24	0.63	3.15	0.22	0.96	2.96	4.43	84.86	5.36	
18:00	3.65	4.29	4.94	7.70	11.97	0.25	0.63	3.22	0.22	1.02	3.04	4.59	83.06	5.62	
19:00	4.00	4.74	5.39	9.06	14.23	0.27	0.73	3.32	0.23	0.91	3.57	4.94	81.79	5.93	
20:00	4.62	5.50	6.35	10.55	19.21	0.31	0.71	3.43	0.24	0.87	4.48	5.81	78.54	7.17	
21:00	4.49	5.39	6.20	10.27	16.49	0.34	0.75	3.56	0.24	0.87	6.30	7.63	70.25	5.36	
22:00	5.05	6.46	7.88	13.58	22.59	0.41	1.11	3.65	0.25	1.01	9.03	10.58	61.89	5.59	
23:00	5.23	6.37	7.43	12.07	18.51	0.39	0.92	3.76	0.25	1.36	7.34	9.41	63.54	5.99	
24:00	11.21	14.22	16.24	30.11	54.37	0.53	1.23	3.99	0.26	0.83	15.70	16.97	49.54	7.44	
<b>Min</b>	<b>3.05</b>	<b>3.52</b>	<b>3.97</b>	<b>5.93</b>	<b>9.02</b>	<b>0.21</b>	<b>0.52</b>	<b>2.89</b>	<b>0.21</b>	<b>0.66</b>	<b>2.60</b>	<b>4.11</b>	<b>49.54</b>	<b>4.83</b>	
<b>Max</b>	<b>11.21</b>	<b>14.22</b>	<b>21.66</b>	<b>34.60</b>	<b>54.41</b>	<b>0.57</b>	<b>1.63</b>	<b>5.27</b>	<b>0.26</b>	<b>1.93</b>	<b>15.70</b>	<b>16.97</b>	<b>84.86</b>	<b>24.44</b>	
<b>Medie</b>	<b>5.39</b>	<b>7.34</b>	<b>9.31</b>	<b>15.75</b>	<b>25.70</b>	<b>0.32</b>	<b>0.82</b>	<b>3.83</b>	<b>0.23</b>	<b>1.06</b>	<b>5.52</b>	<b>7.13</b>	<b>68.35</b>	<b>8.07</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)	2

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