

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

24 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	6.84	9.17	10.99	22.75	44.55	0.58	1.42	4.00	0.27	0.71	18.36	19.44	53.47	13.14	<0.001
2:00	6.38	7.81	9.01	15.04	25.14	0.50	1.25	n/a	0.26	0.61	11.66	12.60	57.04	10.71	
3:00	12.51	14.84	16.64	22.17	30.07	0.41	1.46	3.84	0.26	0.74	15.97	17.10	52.28	10.55	
4:00	4.92	6.16	7.31	11.61	17.03	0.28	1.06	n/a	0.22	0.70	6.44	7.51	68.71	7.44	
5:00	4.90	6.04	7.15	11.58	18.46	0.38	1.72	3.80	0.23	0.82	9.14	10.41	53.04	7.03	
6:00	6.77	8.10	9.33	14.01	21.35	0.43	1.26	n/a	0.23	1.13	14.26	15.98	34.91	6.55	
7:00	7.77	9.41	11.09	16.49	25.65	0.52	n/a	n/a	0.25	1.69	18.57	21.15	26.68	6.10	
8:00	7.32	8.79	10.23	15.54	22.51	0.47	1.46	3.72	0.24	2.08	14.87	18.05	29.18	6.20	
9:00	10.75	12.74	14.32	23.76	40.75	0.46	1.43	n/a	0.24	2.93	19.55	24.02	29.17	8.46	
10:00	12.02	14.13	15.89	25.18	39.46	0.76	1.43	3.64	0.26	2.61	16.11	20.10	41.93	8.47	
11:00	14.51	17.41	19.74	33.06	57.98	0.55	1.60	3.75	0.26	2.88	20.23	24.64	41.43	9.51	
12:00	4.83	6.12	7.38	12.53	22.33	0.35	1.03	3.53	0.22	1.27	5.90	7.84	63.66	6.68	
13:00	5.66	6.54	7.46	9.08	11.60	0.36	1.00	n/a	0.23	1.50	6.46	8.75	60.71	10.10	
14:00	6.19	6.93	7.68	8.80	10.27	0.43	0.91	2.56	0.24	1.78	5.44	8.15	55.44	10.68	
15:00	2.89	3.39	3.96	4.95	6.82	0.34	0.80	2.25	0.23	1.49	3.81	6.08	51.57	7.72	
16:00	1.09	1.40	1.73	2.99	5.80	0.34	0.77	2.22	0.22	1.00	2.92	4.44	59.84	6.70	
17:00	2.38	2.82	3.21	5.16	8.44	0.37	0.82	2.21	0.23	1.24	4.18	6.06	67.49	8.48	
18:00	2.56	3.08	3.63	5.43	7.80	0.34	0.74	2.02	0.23	1.33	4.86	6.89	67.24	10.19	
19:00	1.91	2.45	3.08	4.98	7.16	0.30	0.65	1.79	0.22	1.22	3.82	5.67	68.75	6.32	
20:00	1.91	2.48	3.12	4.84	6.34	0.28	0.66	n/a	0.22	1.41	5.96	8.11	63.63	10.12	
21:00	2.01	2.57	3.17	4.92	6.83	0.31	0.62	1.63	0.23	1.63	7.23	9.73	62.00	10.91	
22:00	2.21	2.89	3.66	5.52	7.12	0.30	0.64	1.64	0.23	1.35	7.32	9.40	56.42	10.92	
23:00	2.37	3.22	4.21	6.46	9.00	0.29	0.71	n/a	0.23	1.22	8.06	9.93	54.56	13.04	
24:00	2.62	3.65	4.66	7.79	11.98	0.22	0.58	n/a	0.22	1.10	5.15	6.83	57.34	11.65	
<b>Min</b>	<b>1.09</b>	<b>1.40</b>	<b>1.73</b>	<b>2.99</b>	<b>5.80</b>	<b>0.22</b>	<b>0.58</b>	<b>1.63</b>	<b>0.22</b>	<b>0.61</b>	<b>2.92</b>	<b>4.44</b>	<b>26.68</b>	<b>6.10</b>	
<b>Max</b>	<b>14.51</b>	<b>17.41</b>	<b>19.74</b>	<b>33.06</b>	<b>57.98</b>	<b>0.76</b>	<b>1.72</b>	<b>4.00</b>	<b>0.27</b>	<b>2.93</b>	<b>20.23</b>	<b>24.64</b>	<b>68.75</b>	<b>13.14</b>	
<b>Medie</b>	<b>5.56</b>	<b>6.76</b>	<b>7.86</b>	<b>12.28</b>	<b>19.35</b>	<b>0.40</b>	<b>1.04</b>	<b>2.84</b>	<b>0.24</b>	<b>1.44</b>	<b>9.84</b>	<b>12.04</b>	<b>53.19</b>	<b>9.07</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)	2
Pulberi in suspensie (PM10)	2

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

Indice zilnic general	2
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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