

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

15 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	8.52	9.57	10.50	12.40	14.39	0.83	n/a	n/a	0.31	0.82	9.34	10.59	48.19	4.44	0.002
2:00	7.23	8.23	9.18	11.29	13.88	0.54	1.12	1.45	0.29	1.11	15.18	16.87	35.48	4.88	
3:00	8.88	9.93	10.90	12.89	15.78	0.68	1.54	1.48	0.35	1.20	10.64	12.47	33.57	4.48	
4:00	9.06	10.21	11.15	13.26	15.67	0.57	1.00	1.41	0.41	0.86	10.76	12.06	31.36	4.29	
5:00	14.10	15.36	16.35	18.87	22.25	0.95	1.37	1.46	0.45	1.96	20.29	23.28	16.10	4.35	
6:00	26.58	28.76	30.32	32.72	36.28	1.90	1.70	1.59	0.48	6.74	29.32	39.62	5.82	4.77	
7:00	12.24	13.78	15.08	19.03	25.06	0.73	1.29	1.40	0.42	8.48	31.76	44.72	9.36	4.60	
8:00	34.78	37.49	39.64	45.35	53.73	4.69	2.71	1.72	0.63	19.73	33.68	63.84	8.02	4.86	
9:00	18.29	20.34	21.95	28.62	39.33	1.51	2.03	1.43	0.43	11.96	24.13	42.39	16.81	4.75	
10:00	14.80	16.83	18.61	24.45	32.87	1.22	5.64	3.18	0.35	8.34	21.12	33.87	30.24	4.92	
11:00	8.63	10.31	11.74	17.84	27.53	0.63	4.30	2.90	0.28	3.52	11.82	17.20	51.74	4.84	
12:00	6.17	7.40	8.45	12.19	18.69	0.40	1.07	1.47	0.25	1.62	6.60	9.08	68.86	4.32	
13:00	4.40	5.49	6.43	10.11	16.22	0.30	1.09	1.61	0.23	1.57	5.46	7.84	74.01	4.10	
14:00	4.12	5.10	5.96	8.62	13.05	0.26	0.92	1.41	0.23	0.98	4.55	6.04	75.66	4.08	
15:00	3.62	4.51	5.37	7.87	11.05	0.24	1.45	1.69	0.22	0.96	4.10	5.58	77.42	4.40	
16:00	4.49	5.59	6.44	11.11	17.19	0.29	0.62	1.50	0.22	1.14	4.85	6.59	81.24	5.80	
17:00	4.68	5.89	6.89	12.02	20.08	0.30	0.64	1.47	0.23	1.09	5.37	7.03	83.17	9.23	
18:00	3.47	4.48	5.36	9.14	15.78	0.26	0.60	1.43	0.22	1.05	5.18	6.78	80.89	5.19	
19:00	3.27	4.32	5.17	9.79	17.23	0.20	0.57	1.42	0.22	0.73	5.42	6.53	81.47	5.04	
20:00	4.10	5.24	6.30	10.83	20.07	0.26	0.54	1.41	0.23	1.01	7.56	9.12	78.16	14.60	
21:00	4.49	5.65	6.63	11.56	19.69	0.32	0.64	1.43	0.24	0.76	8.84	10.02	74.26	7.84	
22:00	5.57	6.90	8.06	13.54	22.82	0.40	0.71	1.45	0.27	1.54	10.84	13.20	71.83	4.93	
23:00	8.12	9.82	11.30	16.92	26.50	0.61	0.84	1.97	0.28	1.60	13.24	15.68	69.86	5.78	
24:00	9.73	11.19	12.49	16.43	21.75	1.04	1.10	1.58	0.32	0.83	8.98	10.25	73.28	4.93	
<b>Min</b>	<b>3.27</b>	<b>4.32</b>	<b>5.17</b>	<b>7.87</b>	<b>11.05</b>	<b>0.20</b>	<b>0.54</b>	<b>1.40</b>	<b>0.22</b>	<b>0.73</b>	<b>4.10</b>	<b>5.58</b>	<b>5.82</b>	<b>4.08</b>	
<b>Max</b>	<b>34.78</b>	<b>37.49</b>	<b>39.64</b>	<b>45.35</b>	<b>53.73</b>	<b>4.69</b>	<b>5.64</b>	<b>3.18</b>	<b>0.63</b>	<b>19.73</b>	<b>33.68</b>	<b>63.84</b>	<b>83.17</b>	<b>14.60</b>	
<b>Medie</b>	<b>9.56</b>	<b>10.93</b>	<b>12.09</b>	<b>16.12</b>	<b>22.37</b>	<b>0.80</b>	<b>1.46</b>	<b>1.65</b>	<b>0.32</b>	<b>3.32</b>	<b>12.88</b>	<b>17.94</b>	<b>53.20</b>	<b>5.48</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

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

\*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