

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

31 MARTIE 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	10.97	11.87	12.83	15.19	18.62	0.88	2.23	7.11	0.32	1.31	6.62	8.63	45.73	3.46	0.004
2:00	9.46	10.26	10.97	13.47	16.65	0.86	2.40	8.00	0.29	1.20	5.81	7.65	46.95	3.36	
3:00	8.38	9.06	9.51	12.04	16.29	0.66	2.10	7.37	0.27	0.84	5.06	6.34	49.33	3.69	
4:00	8.52	9.22	9.82	11.74	15.24	0.63	1.94	6.73	0.28	0.51	4.76	5.55	50.01	3.78	
5:00	8.01	8.76	9.28	11.46	15.40	0.66	1.85	6.48	0.26	1.20	6.05	7.89	49.93	3.80	
6:00	9.85	10.76	11.29	12.49	14.43	0.83	2.23	7.49	0.28	1.15	6.55	8.32	50.59	3.77	
7:00	8.04	8.60	9.03	10.19	11.92	0.66	2.08	7.10	0.27	1.00	7.09	8.61	50.41	3.73	
8:00	10.72	11.33	11.82	13.03	14.32	1.72	2.15	6.84	0.33	1.12	8.44	10.16	51.25	3.82	
9:00	9.39	10.17	10.88	13.22	17.13	1.47	2.54	6.31	0.37	2.46	12.30	16.06	50.82	3.77	
10:00	8.03	8.54	8.97	9.85	10.72	0.83	1.97	5.73	0.31	1.59	8.86	11.29	51.73	3.88	
11:00	9.04	9.66	10.21	11.31	12.49	1.03	1.90	5.45	0.37	1.71	9.23	11.84	51.64	3.90	
12:00	11.53	12.56	13.39	16.69	21.27	1.20	2.15	5.45	0.42	2.32	9.59	13.15	52.24	3.93	
13:00	8.65	9.41	10.03	11.92	14.78	0.96	n/a	n/a	0.32	1.96	8.82	11.82	52.74	3.86	
14:00	10.22	11.10	11.78	14.24	18.27	1.03	2.15	5.42	0.35	1.79	8.05	10.78	53.34	3.96	
15:00	13.90	15.01	15.85	19.36	24.88	1.06	2.32	5.34	0.39	1.95	8.59	11.57	53.06	3.88	
16:00	13.77	15.06	16.13	19.91	26.53	1.21	1.99	4.84	0.38	2.02	10.75	13.83	52.24	4.04	
17:00	12.96	14.28	15.26	19.07	24.35	0.84	1.85	4.25	0.35	1.86	10.52	13.35	53.87	3.61	
18:00	11.27	12.26	13.10	16.07	21.32	0.80	1.95	5.34	0.34	1.24	9.76	11.65	59.43	3.42	
19:00	13.77	14.73	15.50	17.57	20.42	0.94	1.98	5.16	0.40	1.62	11.26	13.73	60.85	3.80	
20:00	14.54	15.39	16.13	18.15	20.53	1.47	1.99	4.76	0.51	1.72	14.77	17.40	57.20	4.05	
21:00	29.03	30.17	31.14	33.95	37.00	4.69	3.16	5.94	0.67	2.06	21.88	25.04	48.91	4.16	
22:00	39.32	40.82	41.76	43.71	46.02	2.53	3.16	5.90	0.89	2.68	29.07	33.17	35.34	4.09	
23:00	22.04	23.13	23.76	25.27	27.11	1.74	2.57	5.60	0.51	3.92	27.80	33.79	36.20	3.87	
24:00	17.97	18.73	19.35	20.62	22.04	1.40	2.45	5.63	0.53	1.79	14.30	17.04	44.14	3.86	
<b>Min</b>	<b>8.01</b>	<b>8.54</b>	<b>8.97</b>	<b>9.85</b>	<b>10.72</b>	<b>0.63</b>	<b>1.85</b>	<b>4.25</b>	<b>0.26</b>	<b>0.51</b>	<b>4.76</b>	<b>5.55</b>	<b>35.34</b>	<b>3.36</b>	
<b>Max</b>	<b>39.32</b>	<b>40.82</b>	<b>41.76</b>	<b>43.71</b>	<b>46.02</b>	<b>4.69</b>	<b>3.16</b>	<b>8.00</b>	<b>0.89</b>	<b>3.92</b>	<b>29.07</b>	<b>33.79</b>	<b>60.85</b>	<b>4.16</b>	
<b>Medie</b>	<b>13.31</b>	<b>14.20</b>	<b>14.91</b>	<b>17.11</b>	<b>20.32</b>	<b>1.25</b>	<b>2.22</b>	<b>6.01</b>	<b>0.39</b>	<b>1.71</b>	<b>11.08</b>	<b>13.69</b>	<b>50.33</b>	<b>3.81</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
-----------------------	---

\*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