

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

9 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	5.18	5.52	5.90	6.32	6.88	0.24	2.13	53.32	0.34	1.49	8.38	10.65	43.70	2.91	0.004
2:00	5.43	5.75	6.07	6.68	7.21	0.22	2.25	51.38	0.34	1.28	7.39	9.35	42.57	2.91	
3:00	6.65	7.05	7.51	8.28	9.67	0.22	2.37	50.19	0.35	2.22	10.96	14.35	38.54	3.53	
4:00	6.91	7.35	7.77	8.85	9.85	0.23	2.32	49.79	0.34	1.10	11.12	12.80	39.38	4.33	
5:00	7.11	7.46	7.80	8.57	9.26	n/a	2.40	49.17	0.34	1.92	11.32	14.24	39.33	6.20	
6:00	8.11	8.56	8.96	10.19	12.12	0.25	2.36	48.86	0.37	1.20	12.12	13.96	36.38	9.66	
7:00	5.97	6.36	6.73	7.71	9.19	0.33	2.54	48.38	0.45	2.29	16.16	19.67	32.68	6.20	
8:00	8.18	8.82	9.41	11.15	13.34	0.33	2.53	49.30	0.38	3.29	19.68	24.70	26.11	11.14	
9:00	10.56	11.21	11.77	13.45	16.28	0.28	2.04	46.39	0.52	4.42	18.90	25.65	28.12	30.11	
10:00	12.67	13.63	14.46	16.84	20.55	0.30	2.20	43.24	0.42	6.89	19.93	30.47	27.79	62.32	
11:00	13.02	14.03	15.00	17.19	19.78	0.21	2.38	44.23	0.42	4.45	16.49	23.29	33.53	44.82	
12:00	11.38	12.84	14.32	17.66	22.04	0.25	2.13	45.20	0.38	3.21	15.49	20.39	37.90	32.14	
13:00	17.12	18.91	20.57	25.64	30.78	0.29	2.28	46.92	0.50	6.14	22.85	32.23	32.18	17.33	
14:00	20.06	22.64	25.07	34.45	47.65	n/a	n/a	n/a	0.53	6.61	26.59	36.69	26.04	12.94	
15:00	20.56	22.24	23.77	28.22	34.42	2.27	1.98	6.46	0.49	3.28	22.81	27.81	28.35	12.05	
16:00	22.57	23.92	24.98	27.93	31.51	1.88	4.36	6.38	0.69	7.18	27.76	38.73	22.44	9.99	
17:00	23.64	25.07	26.08	27.43	29.19	2.75	2.36	7.81	0.66	4.30	23.03	29.60	27.36	5.94	
18:00	20.34	22.08	23.30	24.48	25.53	1.65	1.47	15.04	0.66	3.98	22.08	28.16	27.88	4.58	
19:00	27.69	28.71	29.43	31.36	33.83	2.34	0.92	19.19	0.75	5.01	34.31	41.98	17.20	4.36	
20:00	41.26	42.65	43.66	45.48	48.08	3.40	0.98	21.61	1.03	9.51	41.59	56.13	8.52	4.31	
21:00	41.52	43.31	44.09	46.15	49.00	1.26	0.38	23.66	0.89	4.58	27.41	34.41	24.36	3.71	
22:00	38.89	40.09	40.73	41.66	42.71	1.43	0.13	34.37	0.93	3.95	32.87	38.90	17.99	3.86	
23:00	24.56	25.28	25.80	26.57	27.65	0.22	n/a	35.14	0.81	3.94	30.44	36.46	16.63	3.46	
24:00	16.47	17.51	18.43	19.73	21.24	n/a	n/a	36.41	0.67	16.61	46.32	71.70	1.63	3.77	
<b>Min</b>	<b>5.18</b>	<b>5.52</b>	<b>5.90</b>	<b>6.32</b>	<b>6.88</b>	<b>0.21</b>	<b>0.13</b>	<b>6.38</b>	<b>0.34</b>	<b>1.10</b>	<b>7.39</b>	<b>9.35</b>	<b>1.63</b>	<b>2.91</b>	
<b>Max</b>	<b>41.52</b>	<b>43.31</b>	<b>44.09</b>	<b>46.15</b>	<b>49.00</b>	<b>3.40</b>	<b>4.36</b>	<b>53.32</b>	<b>1.03</b>	<b>16.61</b>	<b>46.32</b>	<b>71.70</b>	<b>43.70</b>	<b>62.32</b>	
<b>Medie</b>	<b>17.33</b>	<b>18.37</b>	<b>19.23</b>	<b>21.33</b>	<b>24.07</b>	<b>0.97</b>	<b>2.02</b>	<b>36.19</b>	<b>0.55</b>	<b>4.54</b>	<b>21.92</b>	<b>28.85</b>	<b>28.19</b>	<b>12.61</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)	2
Ozon (O3)	2
Pulberi in suspensie (PM10)	3

Indice zilnic general	3
-----------------------	---

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