

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

3 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	12.29	13.42	14.30	15.98	17.81	0.62	1.33	3.98	0.33	1.24	7.09	8.98	32.30	5.12	0.001
2:00	7.30	8.12	8.85	10.85	13.34	0.32	1.02	3.57	0.29	0.92	5.43	6.83	42.57	5.10	
3:00	6.37	7.32	8.32	10.86	12.84	sld	0.87	3.95	0.23	0.70	3.63	4.69	44.32	5.01	
4:00	6.19	7.15	8.22	10.95	13.98	0.20	1.06	4.06	0.23	1.13	5.86	7.60	41.06	5.54	
5:00	7.53	8.36	9.20	10.83	12.52	0.53	0.72	3.79	0.22	0.89	7.89	9.25	38.29	9.54	
6:00	7.73	8.63	9.58	11.58	13.57	0.24	0.76	4.16	0.21	0.98	6.83	8.32	45.13	15.55	
7:00	9.48	10.36	11.31	13.37	15.73	sld	0.91	4.04	0.21	1.06	6.44	8.06	48.90	10.73	
8:00	10.01	10.84	11.65	13.82	16.44	sld	0.94	4.05	0.21	1.20	5.34	7.17	54.23	7.18	
9:00	9.16	9.84	10.54	12.23	14.39	0.41	0.69	3.85	0.21	1.56	5.02	7.41	59.39	7.03	
10:00	5.59	6.10	6.53	8.25	11.36	sld	0.82	4.04	0.21	1.08	3.50	5.15	71.80	6.23	
11:00	4.43	4.86	5.22	6.80	9.53	sld	n/a	3.87	0.19	0.95	3.01	4.46	79.05	5.96	
12:00	2.94	3.36	3.79	4.99	6.71	0.35	0.53	3.82	0.19	0.81	3.00	4.23	83.27	5.29	
13:00	3.11	3.82	4.40	7.48	11.76	1.04	0.62	3.94	0.19	2.34	10.22	13.79	79.26	12.28	
14:00	2.83	3.43	3.89	7.07	13.18	0.47	0.54	4.12	0.19	1.36	5.39	7.47	86.87	7.43	
15:00	2.49	2.96	3.30	5.45	8.79	0.94	0.61	4.26	0.19	0.83	2.99	4.26	90.19	5.31	
16:00	2.72	3.26	3.65	6.34	11.61	0.59	0.82	4.46	0.19	0.94	2.97	4.40	86.10	4.64	
17:00	2.61	3.16	3.59	6.18	11.05	sld	0.66	4.62	0.20	0.69	2.10	3.14	87.14	4.48	
18:00	2.27	3.18	3.94	9.16	19.75	0.24	0.78	4.86	0.19	0.71	3.94	5.02	87.38	4.48	
19:00	2.65	3.60	4.38	9.61	19.18	0.59	0.82	4.97	0.20	0.97	4.17	5.65	86.80	4.51	
20:00	3.31	4.53	5.49	12.71	25.61	sld	1.14	5.12	0.21	0.94	6.52	7.95	83.55	4.42	
21:00	5.92	7.34	8.51	15.10	26.44	1.43	1.66	6.17	0.25	1.24	10.45	12.34	70.47	4.87	
22:00	3.86	4.70	5.40	8.77	16.14	0.42	0.81	4.50	0.22	1.01	4.64	6.19	72.93	4.99	
23:00	3.80	4.44	4.99	7.15	12.49	sld	0.89	4.20	0.21	0.55	4.18	5.02	72.49	8.10	
24:00	6.58	7.48	8.39	10.79	14.61	sld	0.71	4.20	0.21	0.85	6.83	8.11	61.96	18.69	
<b>Min</b>	<b>2.27</b>	<b>2.96</b>	<b>3.30</b>	<b>4.99</b>	<b>6.71</b>	<b>0.20</b>	<b>0.53</b>	<b>3.57</b>	<b>0.19</b>	<b>0.55</b>	<b>2.10</b>	<b>3.14</b>	<b>32.30</b>	<b>4.42</b>	
<b>Max</b>	<b>12.29</b>	<b>13.42</b>	<b>14.30</b>	<b>15.98</b>	<b>26.44</b>	<b>1.43</b>	<b>1.66</b>	<b>6.17</b>	<b>0.33</b>	<b>2.34</b>	<b>10.45</b>	<b>13.79</b>	<b>90.19</b>	<b>18.69</b>	
<b>Medie</b>	<b>5.47</b>	<b>6.26</b>	<b>6.98</b>	<b>9.85</b>	<b>14.53</b>	<b>0.56</b>	<b>0.86</b>	<b>4.28</b>	<b>0.22</b>	<b>1.04</b>	<b>5.31</b>	<b>6.90</b>	<b>66.89</b>	<b>7.19</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)	1

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