

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

4 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	5.99	6.73	7.54	9.06	10.64	0.59	0.56	4.10	0.23	0.95	4.80	6.25	63.52	7.46	<0.001
2:00	7.38	8.38	9.49	11.29	13.37	sld	0.66	4.86	0.22	0.83	6.63	7.90	61.33	19.89	
3:00	8.34	9.71	11.22	14.71	18.31	0.68	0.66	n/a	0.23	0.85	7.82	9.11	55.84	26.43	
4:00	9.24	10.75	12.48	16.82	21.14	sld	0.74	4.30	0.23	0.96	6.37	7.85	52.17	15.74	
5:00	9.71	11.27	13.24	17.12	21.08	sld	0.69	4.25	0.24	1.03	7.04	8.61	47.19	10.33	
6:00	10.25	11.81	13.73	17.31	20.33	sld	0.68	n/a	0.24	1.44	7.14	9.33	45.12	10.93	
7:00	10.45	12.17	14.27	19.16	24.30	0.24	1.23	n/a	0.25	2.76	12.08	16.30	40.25	9.74	
8:00	11.44	13.07	15.07	18.81	23.19	0.58	1.27	4.39	0.28	2.02	12.31	15.40	40.53	8.37	
9:00	11.02	12.21	13.68	16.02	18.70	0.30	n/a	n/a	0.27	2.19	9.79	13.14	44.88	9.75	
10:00	11.90	13.10	14.52	17.50	20.30	0.23	0.87	3.79	0.26	2.73	8.59	12.77	45.37	15.78	
11:00	11.41	12.80	14.38	18.38	21.94	0.25	0.94	3.53	0.25	2.63	9.71	13.73	43.20	20.86	
12:00	10.36	11.67	13.21	17.16	21.45	0.27	0.94	2.93	0.26	2.47	10.43	14.20	43.97	16.48	
13:00	7.32	8.44	9.77	13.30	16.98	0.23	0.67	3.04	0.25	1.90	7.96	10.85	50.83	10.95	
14:00	7.79	8.85	10.02	13.79	18.28	0.31	0.92	3.12	0.24	2.33	8.52	12.09	51.28	9.58	
15:00	6.43	7.26	8.23	11.07	14.92	sld	0.54	2.95	0.25	2.47	9.79	13.58	50.15	8.07	
16:00	6.07	6.98	8.07	10.94	14.22	0.59	0.70	2.45	0.26	2.47	7.59	11.37	53.27	12.86	
17:00	5.00	6.07	7.21	11.27	17.50	sld	n/a	2.55	0.24	1.97	9.29	12.29	55.81	18.53	
18:00	4.10	5.20	6.43	10.57	15.59	sld	0.89	2.88	0.24	2.12	9.66	12.90	57.05	11.55	
19:00	4.19	5.04	5.94	8.85	12.40	0.21	0.70	n/a	0.24	1.64	8.34	10.84	58.99	9.16	
20:00	4.27	5.15	6.12	9.18	12.48	sld	0.58	2.95	0.26	1.33	7.95	9.98	58.33	9.76	
21:00	5.47	6.63	7.86	13.38	23.17	sld	0.80	3.28	0.41	2.19	16.48	19.83	44.91	7.46	
22:00	6.38	7.25	8.10	12.13	18.60	0.23	0.74	3.54	0.33	1.39	15.64	17.77	39.15	6.23	
23:00	8.61	9.64	10.72	13.94	18.07	0.61	1.11	3.35	0.39	1.83	20.37	23.17	29.42	5.84	
24:00	11.81	12.70	13.54	15.60	17.69	1.09	1.52	4.14	0.39	1.44	16.01	18.22	25.44	5.62	
<b>Min</b>	<b>4.10</b>	<b>5.04</b>	<b>5.94</b>	<b>8.85</b>	<b>10.64</b>	<b>0.21</b>	<b>0.54</b>	<b>2.45</b>	<b>0.22</b>	<b>0.83</b>	<b>4.80</b>	<b>6.25</b>	<b>25.44</b>	<b>5.62</b>	
<b>Max</b>	<b>11.90</b>	<b>13.10</b>	<b>15.07</b>	<b>19.16</b>	<b>24.30</b>	<b>1.09</b>	<b>1.52</b>	<b>4.86</b>	<b>0.41</b>	<b>2.76</b>	<b>20.37</b>	<b>23.17</b>	<b>63.52</b>	<b>26.43</b>	
<b>Medie</b>	<b>8.12</b>	<b>9.29</b>	<b>10.62</b>	<b>14.06</b>	<b>18.11</b>	<b>0.43</b>	<b>0.84</b>	<b>3.49</b>	<b>0.27</b>	<b>1.83</b>	<b>10.01</b>	<b>12.81</b>	<b>48.25</b>	<b>11.97</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