

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

23 AUGUST 2020



DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE - Amplasament: LANCRAM str. Veche nr. 121

Valori medii orare

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formald ehida
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	20.79	23.13	25.19	31.78	39.33	0.86	2.01	16.51	0.31	7.04	29.29	40.04	0.13	9.67	0.001
2:00	22.37	24.81	26.87	32.81	39.43	0.72	2.07	18.27	0.29	9.76	26.97	41.87	sld	9.77	
3:00	14.41	18.25	22.08	38.31	57.97	0.23	1.73	16.46	0.28	13.02	23.04	42.94	sld	9.86	
4:00	13.10	15.20	17.44	22.49	28.73	0.45	1.42	17.84	0.26	11.26	20.53	37.73	sld	10.05	
5:00	11.82	13.35	15.17	18.04	21.62	n/a	1.44	17.50	0.26	8.69	16.03	29.32	sld	9.72	
6:00	12.67	14.34	16.34	18.85	21.27	0.27	1.43	17.34	0.25	6.75	14.86	25.16	sld	9.89	
7:00	12.14	13.94	16.13	19.84	23.70	0.26	1.53	21.71	0.26	5.39	13.33	21.55	sld	9.77	
8:00	12.68	14.47	16.44	20.38	25.12	n/a	1.57	19.78	0.26	7.19	10.55	21.54	1.86	9.83	
9:00	13.49	15.31	17.38	21.79	26.07	n/a	1.25	21.36	0.26	3.32	4.56	9.64	16.75	9.62	
10:00	17.90	19.80	21.86	27.16	34.57	n/a	1.41	20.81	0.27	6.87	11.84	22.33	23.11	10.37	
11:00	18.19	20.34	22.82	28.75	35.52	0.52	1.14	21.99	0.26	4.95	11.09	18.66	39.96	10.95	
12:00	12.30	13.74	15.39	19.57	25.51	0.97	0.82	19.04	0.25	2.18	4.29	7.63	70.70	10.35	
13:00	12.30	13.66	15.17	19.34	25.71	0.52	0.81	19.06	0.25	2.17	4.41	7.73	78.43	9.93	
14:00	11.03	12.22	13.69	16.96	21.12	0.53	n/a	n/a	0.25	2.03	3.29	6.39	76.52	9.78	
15:00	11.68	12.88	14.21	17.92	23.78	1.05	0.84	19.40	0.27	2.04	3.56	6.67	76.25	9.64	
16:00	10.01	11.00	12.05	15.14	18.52	0.37	0.95	21.18	0.27	2.27	4.11	7.58	73.04	9.52	
17:00	11.31	12.34	13.52	16.50	21.68	0.89	0.82	19.26	0.25	2.33	5.24	8.81	71.19	9.55	
18:00	10.21	11.17	12.22	14.96	18.43	0.97	0.82	20.41	0.24	2.24	5.82	9.25	70.13	9.65	
19:00	12.28	13.48	14.74	19.04	24.96	0.24	0.89	18.58	0.26	2.58	10.77	14.72	67.32	10.15	
20:00	12.23	13.26	14.45	17.21	20.31	1.04	0.73	18.09	0.25	2.66	14.42	18.49	57.50	10.11	
21:00	11.90	12.99	14.28	17.30	21.15	0.45	0.89	19.39	0.26	3.35	30.22	35.34	36.95	10.02	
22:00	12.86	14.11	15.54	19.01	23.31	0.52	0.89	19.70	0.27	2.59	28.99	32.95	37.59	12.21	
23:00	13.41	14.89	16.54	21.12	27.03	0.52	1.14	17.16	0.26	2.27	18.37	21.84	32.53	11.50	
24:00	14.00	15.71	17.74	21.37	25.37	0.60	0.89	16.31	0.26	2.85	23.15	27.49	28.17	10.91	
<b>Min</b>	<b>10.01</b>	<b>11.00</b>	<b>12.05</b>	<b>14.96</b>	<b>18.43</b>	<b>0.23</b>	<b>0.73</b>	<b>16.31</b>	<b>0.24</b>	<b>2.03</b>	<b>3.29</b>	<b>6.39</b>	<b>0.13</b>	<b>9.52</b>	
<b>Max</b>	<b>22.37</b>	<b>24.81</b>	<b>26.87</b>	<b>38.31</b>	<b>57.97</b>	<b>1.05</b>	<b>2.07</b>	<b>21.99</b>	<b>0.31</b>	<b>13.02</b>	<b>30.22</b>	<b>42.94</b>	<b>78.43</b>	<b>12.21</b>	
<b>Medie</b>	<b>13.55</b>	<b>15.18</b>	<b>16.97</b>	<b>21.49</b>	<b>27.09</b>	<b>0.60</b>	<b>1.20</b>	<b>19.01</b>	<b>0.26</b>	<b>4.83</b>	<b>14.11</b>	<b>21.49</b>	<b>47.67</b>	<b>10.12</b>	

**Indice privind calitatea aerului in Municipiul Sebes - Ordin 1095/2007**

Monoxid de Carbon (CO)	1
Dioxid de azot (NO <sub>2</sub> )	1
Dioxid de sulf (SO <sub>2</sub> )	1
Ozon (O <sub>3</sub> )	2
Pulberi in suspensie (PM <sub>10</sub> )	3

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 - (O <sub>3</sub> )	120 µg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Dioxid de azot- (NO <sub>2</sub> )	200 µg/mc limita orara ; 40 µg/mc limita anuala	Legea 104/2011
Dioxid de sulf - (SO <sub>2</sub> )	350 µg/mc limita orara ; 125 µg/mc limita zilnica	Legea 104/2011
Pulberi in suspensie (PM <sub>10</sub> )	50 µg/mc limita zilnica ; 40 µg/mc limita anuala ;	Legea 104/2011
Pulberi in suspensie (PM <sub>2.5</sub> )	20 µg/mc limita anuala	Legea 104/2011
Benzen - (C <sub>6</sub> H <sub>6</sub> )	5 µg/mc limita anuala	Legea 104/2011
Formaldehida - (CHOH)	0.012 mg/mc media la 24 h	STAS 12574/87