

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

09 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	17.13	23.28	30.55	53.64	79.56	0.68	3.31	18.53	0.38	2.66	21.44	25.51	16.79	9.30	0.002
2:00	15.75	18.62	21.95	30.79	40.59	0.44	n/a	n/a	0.31	2.37	17.91	21.53	22.06	9.22	
3:00	14.52	16.52	18.67	24.73	30.96	0.80	1.94	18.34	0.29	2.96	28.82	33.35	5.58	9.31	
4:00	14.05	15.93	18.06	22.99	27.52	0.44	1.85	17.09	0.27	2.67	24.88	28.95	4.59	9.23	
5:00	14.38	16.53	18.92	24.73	30.70	0.41	2.13	19.23	0.26	3.52	24.29	29.66	1.21	9.13	
6:00	13.65	15.42	17.40	21.59	26.53	0.30	2.29	21.98	0.25	3.10	20.84	25.56	2.42	9.38	
7:00	13.19	14.94	16.94	21.53	26.43	0.32	1.62	17.38	0.25	4.94	19.24	26.79	1.46	9.29	
8:00	13.51	16.11	19.10	27.91	40.16	0.35	2.12	19.94	0.25	9.95	16.68	31.89	4.45	9.47	
9:00	14.69	17.19	19.94	28.70	38.73	0.29	1.98	21.12	0.25	5.35	10.90	19.06	22.26	9.22	
10:00	14.63	16.76	19.09	26.29	33.80	0.22	1.78	22.71	0.24	2.74	5.26	9.46	43.73	9.32	
11:00	13.78	15.63	17.43	24.77	36.04	0.21	1.47	20.59	0.24	1.84	2.14	4.94	59.73	9.22	
12:00	12.16	14.03	15.88	23.56	34.06	n/a	1.52	23.13	0.23	1.63	1.99	4.46	69.83	9.17	
13:00	10.93	12.73	14.57	21.73	31.25	n/a	1.31	22.47	0.23	1.75	1.29	3.95	76.97	9.40	
14:00	7.40	9.30	11.18	20.17	31.24	n/a	1.30	22.10	0.22	1.63	0.78	3.25	77.84	9.31	
15:00	6.46	8.18	10.02	17.29	26.38	n/a	1.05	20.89	0.22	1.67	0.73	3.27	77.95	9.22	
16:00	5.96	7.41	9.07	14.58	21.93	n/a	1.23	22.72	0.21	1.58	0.84	3.25	79.00	8.99	
17:00	6.71	8.25	9.88	16.30	25.57	n/a	1.08	21.07	0.22	1.49	0.68	2.94	80.20	8.99	
18:00	6.90	8.48	10.17	16.22	24.81	0.19	1.21	21.88	0.22	1.59	0.56	2.99	78.41	9.12	
19:00	5.91	8.44	10.89	24.13	42.60	n/a	1.06	19.84	0.21	1.57	0.74	3.13	78.08	9.37	
20:00	5.43	7.21	9.02	18.16	32.43	n/a	1.48	18.89	0.21	1.76	1.79	4.47	76.03	9.41	
21:00	5.70	8.62	11.54	27.11	49.72	n/a	1.52	21.03	0.22	1.88	8.17	11.05	58.04	9.17	
22:00	11.45	16.63	21.82	47.07	81.12	1.73	3.17	19.73	0.28	3.17	32.95	37.79	20.74	9.60	
23:00	8.26	11.43	14.60	30.12	48.99	0.19	1.82	18.16	0.24	2.19	22.31	25.64	22.34	9.47	
24:00	8.54	10.23	12.10	18.07	25.71	0.34	1.63	23.08	0.24	2.37	20.95	24.56	23.84	9.35	
<b>Min</b>	<b>5.43</b>	<b>7.21</b>	<b>9.02</b>	<b>14.58</b>	<b>21.93</b>	<b>0.19</b>	<b>1.05</b>	<b>17.09</b>	<b>0.21</b>	<b>1.49</b>	<b>0.56</b>	<b>2.94</b>	<b>1.21</b>	<b>8.99</b>	
<b>Max</b>	<b>17.13</b>	<b>23.28</b>	<b>30.55</b>	<b>53.64</b>	<b>81.12</b>	<b>1.73</b>	<b>3.31</b>	<b>23.13</b>	<b>0.38</b>	<b>9.95</b>	<b>32.95</b>	<b>37.79</b>	<b>80.20</b>	<b>9.60</b>	
<b>Medie</b>	<b>10.88</b>	<b>13.24</b>	<b>15.78</b>	<b>25.09</b>	<b>36.95</b>	<b>0.46</b>	<b>1.73</b>	<b>20.52</b>	<b>0.25</b>	<b>2.77</b>	<b>11.92</b>	<b>16.14</b>	<b>41.81</b>	<b>9.28</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)	3

1	Excelent
2	Foarte bun
3	Bun
4	Mediu
5	Rau
6	Foarte rau

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

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