

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

15 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	19.83	24.08	27.99	41.61	59.39	0.50	3.22	19.20	0.31	6.28	31.15	40.75	5.17	9.76	0.001
2:00	12.98	15.87	18.78	29.48	43.20	n/a	1.85	18.19	0.25	3.74	15.57	21.28	35.90	9.76	
3:00	8.84	11.72	14.98	22.58	33.33	n/a	n/a	n/a	0.22	2.21	7.62	11.00	52.24	9.49	
4:00	9.08	12.38	16.24	21.45	26.75	1.31	1.42	19.78	0.22	2.13	10.98	14.24	43.37	9.17	
5:00	10.42	12.90	15.66	19.58	25.27	n/a	1.50	20.54	0.23	1.97	15.95	18.96	30.97	9.12	
6:00	13.09	15.34	17.80	20.31	23.74	0.66	1.66	18.09	0.23	2.40	16.18	19.84	29.46	9.18	
7:00	13.13	15.11	17.11	19.53	22.20	n/a	1.21	19.97	0.23	2.32	13.95	17.50	32.40	9.19	
8:00	10.87	12.36	14.06	15.89	17.55	0.37	1.55	21.51	0.23	2.26	10.18	13.61	31.85	9.21	
9:00	10.69	12.20	13.95	15.47	16.84	0.36	1.25	18.52	0.23	2.50	13.31	17.13	27.54	9.14	
10:00	14.04	15.51	17.06	19.06	21.51	n/a	1.24	18.83	0.24	2.65	13.02	17.07	33.21	9.13	
11:00	11.76	13.08	14.63	16.28	18.00	n/a	1.02	18.58	0.23	2.33	7.54	11.11	46.62	9.25	
12:00	12.65	13.94	15.47	17.00	18.56	0.57	1.28	21.16	0.23	3.15	9.08	13.88	51.58	9.21	
13:00	12.62	13.72	15.00	16.52	18.10	n/a	1.04	19.76	0.23	2.37	4.26	7.88	56.72	9.26	
14:00	10.79	11.84	12.99	14.64	16.48	n/a	1.29	21.80	0.22	2.56	7.31	11.22	71.47	9.38	
15:00	9.43	10.31	11.30	12.64	14.61	n/a	0.95	19.90	0.22	2.03	4.18	7.28	82.17	9.48	
16:00	9.87	10.89	12.02	13.91	16.51	0.36	1.16	20.66	0.23	1.74	3.42	6.08	69.38	9.11	
17:00	14.71	16.00	17.45	18.94	20.81	n/a	1.62	20.48	0.24	1.82	4.09	6.86	67.15	9.09	
18:00	12.81	14.07	15.27	17.22	19.92	n/a	1.06	20.37	0.24	1.81	2.35	5.13	59.11	9.24	
19:00	6.76	7.47	8.22	9.22	10.23	n/a	0.74	18.83	0.21	1.75	1.47	4.13	73.89	9.11	
20:00	6.40	7.03	7.79	8.70	10.41	0.23	0.97	20.79	0.21	1.73	1.51	4.13	61.63	9.13	
21:00	7.30	8.32	9.61	10.65	11.59	0.30	1.36	20.44	0.25	1.95	13.66	16.64	41.56	9.06	
22:00	8.53	9.60	10.84	12.26	13.64	0.37	1.45	20.25	0.24	1.92	14.75	17.67	42.95	9.11	
23:00	9.88	11.11	12.63	14.33	16.33	n/a	2.21	20.68	0.26	2.10	18.59	21.80	31.74	9.14	
24:00	9.98	11.42	13.26	15.44	18.46	0.30	2.14	21.39	0.25	2.28	18.76	22.24	22.12	9.11	
<b>Min</b>	<b>6.40</b>	<b>7.03</b>	<b>7.79</b>	<b>8.70</b>	<b>10.23</b>	<b>0.23</b>	<b>0.74</b>	<b>18.09</b>	<b>0.21</b>	<b>1.73</b>	<b>1.47</b>	<b>4.13</b>	<b>5.17</b>	<b>9.06</b>	
<b>Max</b>	<b>19.83</b>	<b>24.08</b>	<b>27.99</b>	<b>41.61</b>	<b>59.39</b>	<b>1.31</b>	<b>3.22</b>	<b>21.80</b>	<b>0.31</b>	<b>6.28</b>	<b>31.15</b>	<b>40.75</b>	<b>82.17</b>	<b>9.76</b>	
<b>Medie</b>	<b>11.10</b>	<b>12.76</b>	<b>14.59</b>	<b>17.61</b>	<b>21.39</b>	<b>0.48</b>	<b>1.44</b>	<b>19.99</b>	<b>0.24</b>	<b>2.42</b>	<b>10.79</b>	<b>14.48</b>	<b>45.84</b>	<b>9.24</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)	2

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