

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

02 OCTOMBRIE 2020

DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE - Amplasament: SEBES , str. Viilor nr. 8

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	5.53	6.35	7.32	8.65	10.23	0.64	1.04	2.88	0.32	1.76	2.04	4.73	50.46	4.04	0.001
2:00	5.76	6.75	8.03	9.38	10.64	0.31	0.97	3.02	0.31	1.74	4.14	6.81	40.29	3.71	
3:00	9.59	10.77	12.18	14.28	16.70	0.52	1.77	3.29	0.33	1.81	5.05	7.80	31.99	4.19	
4:00	5.78	6.90	8.34	10.06	11.54	0.18	0.77	2.85	0.29	1.92	3.09	6.03	42.00	3.89	
5:00	6.31	7.70	9.48	11.92	14.30	0.29	1.18	3.14	0.31	1.87	3.82	6.68	36.45	3.69	
6:00	9.33	10.74	12.43	15.16	17.90	0.55	1.06	3.07	0.32	3.87	20.96	26.86	15.20	4.14	
7:00	10.10	11.40	12.89	15.76	18.67	0.47	0.93	3.16	0.32	3.06	17.85	22.52	22.87	3.78	
8:00	9.02	10.95	13.35	18.96	26.91	0.89	2.29	3.26	0.41	7.01	22.35	33.05	13.43	3.79	
9:00	9.84	12.21	14.92	23.03	33.91	0.59	1.20	3.40	0.37	16.75	29.15	54.74	6.16	4.26	
10:00	11.92	13.77	15.92	21.17	28.05	1.16	3.39	3.45	0.41	24.70	28.88	66.61	8.65	4.21	
11:00	12.19	14.92	17.95	27.73	42.00	0.70	4.60	4.38	0.40	18.06	25.31	52.90	17.55	4.01	
12:00	10.34	12.49	14.83	22.26	32.65	0.58	3.32	4.00	0.36	6.54	13.15	23.15	33.02	4.03	
13:00	7.01	8.35	9.91	13.64	19.12	0.38	2.83	3.66	0.31	3.20	6.10	10.99	52.55	6.73	
14:00	6.09	7.06	8.13	10.69	13.20	0.31	1.34	4.81	0.30	3.01	6.29	10.90	57.77	7.31	
15:00	5.37	6.21	7.10	9.78	14.34	0.20	1.66	3.88	0.30	2.98	6.40	10.95	60.46	5.52	
16:00	5.17	6.03	7.00	9.62	13.65	0.14	0.98	4.32	0.29	2.43	5.16	8.87	60.55	4.71	
17:00	5.26	6.00	6.91	8.65	10.93	0.12	0.74	4.56	0.29	1.96	3.32	6.31	61.35	4.54	
18:00	14.64	15.54	16.45	18.32	20.32	3.27	2.46	4.85	0.36	1.93	5.89	8.84	59.99	4.42	
19:00	14.01	15.19	16.48	20.18	25.60	1.13	2.52	5.07	0.44	2.83	30.59	34.92	32.68	4.21	
20:00	27.81	31.24	34.44	44.61	57.56	5.76	6.33	5.38	0.59	8.03	43.54	55.81	13.57	n/a	
21:00	20.62	23.46	26.31	35.49	45.35	0.74	n/a	n/a	0.50	4.97	34.19	41.78	15.57	n/a	
22:00	16.64	18.84	21.43	27.60	34.68	1.04	2.65	5.05	0.51	16.14	46.56	71.23	4.12	n/a	
23:00	54.37	57.63	60.57	67.73	75.16	2.35	2.69	4.92	0.60	32.16	41.87	91.01	3.40	n/a	
24:00	68.58	73.35	77.62	85.74	95.31	10.69	10.90	5.43	0.81	21.55	32.10	65.02	5.08	n/a	
<b>Min</b>	<b>5.17</b>	<b>6.00</b>	<b>6.91</b>	<b>8.65</b>	<b>10.23</b>	<b>0.12</b>	<b>0.74</b>	<b>2.85</b>	<b>0.29</b>	<b>1.74</b>	<b>2.04</b>	<b>4.73</b>	<b>3.40</b>	<b>3.69</b>	
<b>Max</b>	<b>68.58</b>	<b>73.35</b>	<b>77.62</b>	<b>85.74</b>	<b>95.31</b>	<b>10.69</b>	<b>10.90</b>	<b>5.43</b>	<b>0.81</b>	<b>32.16</b>	<b>46.56</b>	<b>91.01</b>	<b>61.35</b>	<b>7.31</b>	
<b>Medie</b>	<b>14.64</b>	<b>16.41</b>	<b>18.33</b>	<b>22.93</b>	<b>28.70</b>	<b>1.38</b>	<b>2.51</b>	<b>3.99</b>	<b>0.39</b>	<b>7.93</b>	<b>18.24</b>	<b>30.35</b>	<b>31.05</b>	<b>4.48</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)	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 - (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