

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

19 SEPTEMBRIE 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	6.37	7.93	9.34	16.47	26.67	0.48	1.18	11.30	0.27	1.75	20.65	23.32	31.29	4.33	0.002
2:00	4.29	5.68	6.92	13.65	23.80	0.27	1.00	11.17	0.24	1.67	6.20	8.74	40.66	4.29	
3:00	3.85	5.22	6.51	12.89	20.95	0.34	1.51	10.55	0.24	1.80	13.00	15.75	33.36	4.43	
4:00	4.09	5.43	6.79	12.32	19.56	0.28	1.09	11.36	0.24	1.76	12.41	15.08	30.81	4.26	
5:00	2.93	4.17	5.41	10.68	17.53	0.23	1.41	11.30	0.24	1.75	11.40	14.06	30.47	4.51	
6:00	2.80	3.95	5.15	9.28	14.12	0.27	1.10	10.62	0.23	1.72	5.35	7.98	35.58	4.56	
7:00	7.00	9.91	12.27	20.74	30.31	0.72	2.45	13.45	0.26	1.92	8.44	11.37	26.62	4.53	
8:00	22.50	32.07	40.92	74.56	116.72	5.24	3.06	10.23	0.35	3.63	13.79	19.34	17.01	4.50	
9:00	8.40	12.81	17.16	34.50	57.34	0.41	1.23	10.68	0.27	3.10	9.09	13.82	27.49	4.73	
10:00	4.72	6.36	7.95	13.94	22.97	0.39	1.07	9.83	0.24	2.21	3.03	6.39	37.59	5.59	
11:00	4.43	6.19	8.05	14.36	22.30	0.33	0.84	9.98	0.24	1.91	1.87	4.78	41.77	5.51	
12:00	6.20	8.10	9.95	17.08	26.30	0.49	1.04	10.36	0.26	2.09	2.62	5.80	44.62	5.40	
13:00	6.39	8.27	10.21	16.77	26.27	0.44	1.09	9.93	0.25	1.91	2.03	4.93	49.40	5.30	
14:00	6.98	9.13	11.27	20.24	33.02	0.42	n/a	n/a	0.27	1.93	2.93	5.85	55.24	5.11	
15:00	7.31	9.57	12.06	20.65	31.74	0.40	0.95	10.17	0.26	1.86	3.22	6.03	60.80	5.10	
16:00	8.53	10.82	13.29	22.15	32.89	0.28	0.85	9.73	0.26	1.88	3.83	6.69	66.55	5.66	
17:00	8.60	10.80	13.08	21.93	30.75	0.28	0.88	10.32	0.26	1.70	2.61	5.19	69.69	5.12	
18:00	9.09	11.69	14.49	24.54	34.71	0.27	0.74	10.64	0.27	1.71	3.68	6.29	67.39	4.92	
19:00	9.20	11.56	14.15	22.45	32.26	0.30	0.91	10.36	0.27	1.76	5.00	7.68	61.43	4.80	
20:00	9.20	12.25	15.50	27.89	43.09	0.32	0.90	9.12	0.30	1.81	20.13	22.89	40.41	4.72	
21:00	42.60	55.45	68.00	117.69	175.17	3.94	4.32	9.81	0.57	3.28	33.98	39.00	25.31	6.16	
22:00	81.09	95.83	109.05	154.53	208.88	4.12	4.69	10.75	0.62	2.89	22.23	26.64	28.24	6.86	
23:00	25.12	29.93	34.56	51.16	70.94	0.77	1.61	10.09	0.40	6.49	37.31	47.23	9.19	4.70	
24:00	13.88	16.77	19.68	30.10	40.71	0.67	1.58	10.86	0.34	9.32	41.13	55.37	4.63	4.50	
<b>Min</b>	<b>2.80</b>	<b>3.95</b>	<b>5.15</b>	<b>9.28</b>	<b>14.12</b>	<b>0.23</b>	<b>0.74</b>	<b>9.12</b>	<b>0.23</b>	<b>1.67</b>	<b>1.87</b>	<b>4.78</b>	<b>4.63</b>	<b>4.26</b>	
<b>Max</b>	<b>81.09</b>	<b>95.83</b>	<b>109.05</b>	<b>154.53</b>	<b>208.88</b>	<b>5.24</b>	<b>4.69</b>	<b>13.45</b>	<b>0.62</b>	<b>9.32</b>	<b>41.13</b>	<b>55.37</b>	<b>69.69</b>	<b>6.86</b>	
<b>Medie</b>	<b>12.73</b>	<b>16.25</b>	<b>19.66</b>	<b>32.52</b>	<b>48.29</b>	<b>0.90</b>	<b>1.54</b>	<b>10.55</b>	<b>0.30</b>	<b>2.58</b>	<b>11.91</b>	<b>15.84</b>	<b>38.98</b>	<b>4.98</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)	4

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

Indice zilnic general	4
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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