

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

04 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	21.59	23.90	26.42	30.46	35.25	1.25	1.99	4.98	0.49	9.11	21.27	35.19	5.47	n/a	0.001
2:00	18.12	20.12	22.36	25.44	28.31	1.08	n/a	n/a	0.43	9.75	21.52	36.41	3.99	n/a	
3:00	14.93	17.04	19.64	22.86	25.51	0.82	1.35	5.01	0.39	5.10	17.15	24.94	6.90	n/a	
4:00	14.48	16.89	19.72	24.23	28.83	0.75	1.12	4.31	0.38	5.71	17.20	25.92	3.87	n/a	
5:00	13.82	16.04	18.61	22.90	27.73	0.70	1.13	4.57	0.37	4.36	14.03	20.70	5.14	n/a	
6:00	12.45	14.56	17.17	21.08	24.45	0.65	1.17	4.48	0.35	4.37	14.73	21.41	5.71	n/a	
7:00	12.33	14.39	16.97	20.89	27.15	0.51	0.91	3.91	0.35	6.13	13.05	22.41	5.94	n/a	
8:00	11.69	13.74	16.04	20.90	27.30	0.54	1.11	4.07	0.35	4.88	13.74	21.20	7.61	n/a	
9:00	11.27	13.40	15.99	20.62	27.59	0.57	1.29	4.13	0.37	9.44	15.60	30.03	6.65	n/a	
10:00	16.92	19.44	22.20	28.54	35.53	0.91	1.43	3.98	0.43	9.17	18.00	32.00	6.71	n/a	
11:00	12.35	14.57	17.12	22.40	27.93	0.87	1.30	3.82	0.40	11.94	19.72	37.96	10.91	n/a	
12:00	10.50	12.40	14.55	18.85	24.09	0.49	0.96	3.95	0.34	3.42	6.59	11.82	30.06	n/a	
13:00	13.93	16.75	19.85	27.57	39.33	0.57	1.04	3.94	0.39	4.76	16.39	23.66	30.13	n/a	
14:00	10.17	12.80	15.69	23.65	33.92	0.41	0.79	3.89	0.33	3.36	8.14	13.28	37.25	n/a	
15:00	13.51	16.62	19.94	29.18	41.26	0.64	1.46	4.41	0.37	5.24	15.05	23.06	38.56	n/a	
16:00	24.38	28.81	32.87	44.39	61.86	0.95	1.64	4.41	0.40	5.51	27.03	35.44	39.04	n/a	
17:00	13.40	17.20	21.29	31.02	41.53	0.44	1.15	5.19	0.35	3.71	16.20	21.86	45.74	n/a	
18:00	13.01	17.16	21.85	32.83	48.24	0.94	2.76	5.44	0.40	2.75	13.94	18.15	41.04	n/a	
19:00	28.41	33.94	40.15	51.06	62.74	1.63	2.89	5.34	0.48	3.19	16.06	20.93	22.71	n/a	
20:00	28.38	34.03	40.26	53.12	67.65	2.82	3.75	5.56	0.58	8.88	29.08	42.64	11.80	n/a	
21:00	31.61	37.59	43.94	57.87	74.35	1.36	2.52	5.54	0.60	14.31	35.67	57.53	6.42	n/a	
22:00	16.73	21.11	26.15	34.82	43.87	1.59	2.66	5.68	0.46	12.32	33.47	52.30	5.92	n/a	
23:00	12.75	16.59	21.34	27.30	33.21	0.93	1.65	5.33	0.40	9.86	32.41	47.48	4.55	n/a	
24:00	13.56	17.02	21.22	27.13	32.83	1.33	2.55	8.05	0.46	16.07	27.74	52.29	2.75	n/a	
<b>Min</b>	<b>10.17</b>	<b>12.40</b>	<b>14.55</b>	<b>18.85</b>	<b>24.09</b>	<b>0.41</b>	<b>0.79</b>	<b>3.82</b>	<b>0.33</b>	<b>2.75</b>	<b>6.59</b>	<b>11.82</b>	<b>2.75</b>	<b>0.00</b>	
<b>Max</b>	<b>31.61</b>	<b>37.59</b>	<b>43.94</b>	<b>57.87</b>	<b>74.35</b>	<b>2.82</b>	<b>3.75</b>	<b>8.05</b>	<b>0.60</b>	<b>16.07</b>	<b>35.67</b>	<b>57.53</b>	<b>45.74</b>	<b>0.00</b>	
<b>Medie</b>	<b>16.26</b>	<b>19.42</b>	<b>22.97</b>	<b>29.96</b>	<b>38.35</b>	<b>0.95</b>	<b>1.68</b>	<b>4.78</b>	<b>0.41</b>	<b>7.22</b>	<b>19.32</b>	<b>30.36</b>	<b>16.04</b>	<b>#DIV/0!</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
-----------------------	---

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