

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

15 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	15.16	16.88	18.90	23.85	29.05	0.45	1.52	11.94	0.29	19.74	46.10	76.26	3.50	4.73	0.002
2:00	16.32	17.95	19.72	24.15	29.64	0.53	1.85	12.98	0.29	18.99	39.72	68.74	3.67	4.61	
3:00	15.67	17.18	18.88	23.18	28.23	0.45	1.34	11.07	0.28	11.23	36.62	53.77	4.94	4.49	
4:00	16.21	17.75	19.41	23.49	28.74	0.44	1.50	12.49	0.28	16.10	32.86	57.47	4.86	4.55	
5:00	16.03	17.52	19.09	23.51	29.38	0.42	1.37	11.89	0.27	11.21	28.43	45.56	5.46	4.75	
6:00	15.99	17.49	19.09	23.31	27.77	0.41	1.32	11.64	0.27	25.12	27.43	65.82	3.61	4.98	
7:00	16.25	18.03	19.99	25.90	34.10	0.57	1.86	12.32	0.28	32.83	28.50	78.67	3.78	5.19	
8:00	20.57	23.04	25.61	33.75	45.68	1.11	1.79	12.46	0.34	49.12	29.57	104.62	4.28	5.72	
9:00	18.70	20.54	22.60	28.20	34.38	0.63	1.30	11.99	0.30	18.59	24.86	53.29	11.68	4.88	
10:00	18.63	20.53	22.62	28.69	37.09	0.45	1.36	12.45	0.29	6.54	15.36	25.35	29.86	4.70	
11:00	15.09	17.03	19.14	25.34	32.79	0.35	1.09	12.71	0.26	2.85	5.87	10.23	44.59	4.79	
12:00	10.67	12.69	14.64	22.88	34.01	0.34	1.36	13.49	0.25	2.26	3.69	7.13	55.32	4.80	
13:00	8.44	10.42	12.35	20.32	31.75	0.31	1.20	12.07	0.25	1.82	2.90	5.66	58.91	4.77	
14:00	7.09	8.79	10.43	17.01	26.84	0.32	1.10	13.92	0.24	2.10	2.77	5.98	57.92	4.76	
15:00	5.99	7.57	9.16	15.12	24.29	0.29	1.00	12.29	0.24	1.93	1.53	4.48	57.74	4.75	
16:00	4.98	6.46	8.06	13.33	22.23	0.41	1.16	17.31	0.23	1.96	1.56	4.55	57.99	4.72	
17:00	4.07	5.36	6.63	11.77	19.02	0.23	1.30	14.21	0.23	1.84	1.21	4.01	57.16	4.58	
18:00	3.89	5.17	6.47	11.79	19.43	0.25	1.20	15.08	0.23	1.77	1.84	4.55	54.61	4.46	
19:00	3.79	5.25	6.77	13.00	22.58	0.23	1.27	14.89	0.22	1.80	3.31	6.04	49.90	4.38	
20:00	3.95	5.82	7.74	16.24	26.67	0.32	1.58	12.25	0.23	2.30	17.91	21.42	33.32	4.47	
21:00	7.31	9.52	11.70	21.01	33.56	0.41	1.86	13.69	0.28	5.66	43.34	51.98	13.02	4.72	
22:00	52.27	63.29	72.91	112.86	161.30	3.60	5.00	12.54	0.51	4.70	34.74	41.93	17.89	6.56	
23:00	31.57	41.27	49.64	87.48	131.41	1.29	n/a	n/a	0.36	13.10	42.14	62.16	9.42	5.04	
24:00	12.02	14.82	17.56	27.34	39.46	0.70	2.56	14.54	0.30	23.35	45.10	80.79	4.26	4.82	
<b>Min</b>	<b>3.79</b>	<b>5.17</b>	<b>6.47</b>	<b>11.77</b>	<b>19.02</b>	<b>0.23</b>	<b>1.00</b>	<b>11.07</b>	<b>0.22</b>	<b>1.77</b>	<b>1.21</b>	<b>4.01</b>	<b>3.50</b>	<b>4.38</b>	
<b>Max</b>	<b>52.27</b>	<b>63.29</b>	<b>72.91</b>	<b>112.86</b>	<b>161.30</b>	<b>3.60</b>	<b>5.00</b>	<b>17.31</b>	<b>0.51</b>	<b>49.12</b>	<b>46.10</b>	<b>104.62</b>	<b>58.91</b>	<b>6.56</b>	
<b>Medie</b>	<b>14.19</b>	<b>16.68</b>	<b>19.13</b>	<b>28.06</b>	<b>39.56</b>	<b>0.60</b>	<b>1.60</b>	<b>13.05</b>	<b>0.28</b>	<b>11.54</b>	<b>21.56</b>	<b>39.19</b>	<b>26.99</b>	<b>4.84</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
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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 - (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