

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

19 MARTIE 2020



## DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE - Amplasament: Str. M. Kogalniceanu nr. 114 A

Valori medii orare

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formal dehidra
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	77.71	81.37	83.75	90.31	97.96	3.91	5.74	7.40	1.16	19.99	52.90	83.45	2.58	4.07	0.009
2:00	65.70	68.95	71.01	76.14	82.79	2.96	5.34	6.86	0.99	16.01	47.40	71.86	3.56	3.90	
3:00	67.70	70.79	72.66	77.39	82.60	6.07	5.93	7.65	1.05	9.30	42.61	56.81	3.18	3.38	
4:00	57.01	59.85	61.66	66.40	72.23	2.65	4.84	6.76	0.83	9.24	39.41	53.53	3.95	3.74	
5:00	55.83	59.20	61.17	65.68	71.11	4.52	4.45	6.24	0.84	13.27	37.33	57.61	3.03	3.99	
6:00	44.73	46.93	48.71	52.10	56.92	1.98	n/a	n/a	0.67	8.05	35.07	47.36	5.88	3.78	
7:00	41.91	45.92	48.47	58.40	72.96	1.56	3.79	5.83	0.66	13.06	38.79	58.75	5.96	3.74	
8:00	59.06	63.59	66.99	80.37	97.06	2.78	4.20	5.83	0.98	36.29	40.38	95.83	4.23	4.23	
9:00	51.33	55.31	58.49	72.48	94.59	1.96	4.09	5.27	0.74	30.82	42.85	89.95	8.72	5.18	
10:00	50.64	55.77	59.84	82.13	119.73	1.53	3.21	5.26	0.54	19.52	39.15	68.98	20.15	5.33	
11:00	42.27	46.93	50.52	71.14	108.18	0.87	2.65	4.86	0.38	9.82	30.92	45.93	40.26	10.35	
12:00	26.54	29.48	31.74	42.49	58.88	0.87	2.65	4.86	0.33	1.75	11.38	14.05	71.14	14.94	
13:00	22.88	24.94	26.56	32.52	41.33	0.89	2.26	7.76	0.32	1.42	10.44	12.61	81.53	7.95	
14:00	21.76	24.99	27.67	41.12	63.44	0.71	2.07	7.97	0.31	1.49	11.27	13.54	83.55	7.37	
15:00	18.98	21.21	22.97	31.05	43.45	0.74	1.93	7.87	0.31	0.84	6.97	8.25	87.10	4.91	
16:00	16.99	18.44	19.52	23.91	31.25	0.59	2.31	8.34	0.31	0.45	5.73	6.40	88.53	4.26	
17:00	17.58	19.00	20.03	23.28	27.34	0.62	3.91	9.03	0.31	0.69	7.21	8.27	87.19	4.12	
18:00	30.96	33.40	34.99	42.82	54.39	1.46	3.40	9.43	0.45	1.02	14.80	16.35	83.68	4.81	
19:00	32.25	38.80	44.27	77.57	124.11	1.16	3.76	10.11	0.55	2.44	43.74	47.47	49.04	4.91	
20:00	64.95	73.01	78.89	103.92	135.59	5.35	7.79	17.68	0.89	3.92	41.83	47.82	33.86	5.29	
21:00	74.02	80.82	85.89	110.89	150.09	8.37	7.87	17.62	1.38	5.49	50.29	58.68	20.90	5.36	
22:00	94.81	103.79	110.80	129.62	157.96	9.57	7.82	17.94	1.78	41.41	69.43	132.71	2.77	6.08	
23:00	119.69	130.59	137.32	152.71	171.39	8.23	7.91	14.42	1.79	32.92	61.46	111.76	2.87	6.16	
24:00	92.77	98.85	103.03	115.56	133.07	6.78	6.69	13.68	1.33	12.06	51.42	69.85	4.17	4.98	
<b>Min</b>	<b>16.99</b>	<b>18.44</b>	<b>19.52</b>	<b>23.28</b>	<b>27.34</b>	<b>0.59</b>	<b>1.93</b>	<b>4.86</b>	<b>0.31</b>	<b>0.45</b>	<b>5.73</b>	<b>6.40</b>	<b>2.58</b>	<b>3.38</b>	
<b>Max</b>	<b>119.69</b>	<b>130.59</b>	<b>137.32</b>	<b>152.71</b>	<b>171.39</b>	<b>9.57</b>	<b>7.91</b>	<b>17.94</b>	<b>1.79</b>	<b>41.41</b>	<b>69.43</b>	<b>132.71</b>	<b>88.53</b>	<b>14.94</b>	
<b>Medie</b>	<b>52.00</b>	<b>56.33</b>	<b>59.46</b>	<b>71.67</b>	<b>89.52</b>	<b>3.17</b>	<b>4.55</b>	<b>9.07</b>	<b>0.79</b>	<b>12.14</b>	<b>34.70</b>	<b>53.24</b>	<b>33.24</b>	<b>5.53</b>	

**Indice privind calitatea aerului in Municipiul Sebes - Ordin 1095/2007**

Monoxid de Carbon (CO)	1
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	3
Pulberi in suspensie (PM10)	5

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

\*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