

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
20 FEBRUARIE 2021**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE - Kogalniceanu, nr. 114 A**

**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	134.69	139.18	141.45	146.38	152.50	9.12	4.63	1.35	0.93	22.54	35.60	70.02	6.99	13.99	0.008
2:00	88.33	90.98	92.21	95.65	101.10	6.40	3.33	1.06	0.89	20.02	35.48	66.06	6.41	14.04	
3:00	70.84	73.07	74.16	76.41	79.24	5.13	2.84	n/a	0.88	8.74	30.94	44.30	7.45	13.40	
4:00	100.63	103.71	105.30	108.86	113.22	5.73	3.29	1.07	0.91	19.69	29.31	59.40	6.41	13.63	
5:00	59.81	61.91	63.06	64.94	66.88	4.46	2.77	1.12	0.88	18.53	31.22	59.55	6.07	13.30	
6:00	69.36	72.17	73.74	76.40	79.76	4.82	3.20	n/a	0.87	19.04	31.07	60.16	5.98	13.23	
7:00	70.42	73.37	75.06	77.73	80.88	5.67	3.54	1.05	0.87	23.35	31.69	67.37	5.89	13.38	
8:00	67.17	69.75	71.35	72.77	73.94	7.00	3.51	1.03	0.88	22.54	33.14	67.58	6.31	13.38	
9:00	74.07	76.81	78.44	80.48	82.93	5.67	3.91	n/a	0.88	28.19	32.82	75.89	6.39	13.72	
10:00	86.27	89.67	91.72	95.97	103.71	6.57	4.05	n/a	0.88	24.87	32.35	70.35	7.54	13.74	
11:00	84.07	87.15	88.84	90.88	94.03	6.79	n/a	n/a	0.87	13.61	26.72	47.52	12.06	13.78	
12:00	65.72	68.49	69.89	71.95	74.61	3.64	2.38	0.87	0.87	13.61	27.10	47.90	12.57	13.65	
13:00	64.19	67.02	68.56	71.17	75.45	4.41	2.62	n/a	0.86	10.76	22.88	39.31	17.76	13.90	
14:00	50.53	52.74	53.87	56.05	59.88	3.40	2.02	0.80	0.85	6.33	15.81	25.48	27.15	13.72	
15:00	46.76	48.77	49.75	51.57	53.85	3.13	1.84	1.97	0.92	4.50	15.33	22.20	29.38	13.32	
16:00	40.61	42.68	43.79	48.50	55.85	2.93	1.68	0.79	0.94	3.97	12.33	18.39	37.32	13.21	
17:00	34.71	36.17	36.94	38.42	40.44	2.44	1.38	n/a	0.94	4.68	12.05	19.19	40.96	13.27	
18:00	37.32	38.88	39.73	42.80	47.21	2.82	1.54	n/a	0.94	3.83	13.72	19.57	38.25	13.07	
19:00	47.14	48.79	49.59	51.44	54.08	4.49	2.26	n/a	0.96	8.12	22.69	35.10	25.57	12.51	
20:00	53.08	54.90	55.79	59.99	66.11	6.54	3.56	n/a	0.98	10.76	31.52	47.96	17.45	12.25	
21:00	79.14	81.22	82.18	85.44	89.72	10.71	5.06	1.29	0.97	10.35	34.03	49.85	12.64	12.78	
22:00	96.05	98.34	99.51	101.99	105.22	10.94	4.63	n/a	0.89	18.06	36.36	63.96	8.15	13.71	
23:00	112.94	115.41	116.38	118.55	121.28	14.33	6.51	1.53	0.92	21.47	32.47	65.26	7.31	13.72	
24:00	108.73	111.37	112.46	115.09	118.22	16.14	7.54	n/a	0.91	23.29	30.27	65.85	7.09	13.56	
<b>Min</b>	<b>34.71</b>	<b>36.17</b>	<b>36.94</b>	<b>38.42</b>	<b>40.44</b>	<b>2.44</b>	<b>1.38</b>	<b>0.79</b>	<b>0.85</b>	<b>3.83</b>	<b>12.05</b>	<b>18.39</b>	<b>5.89</b>	<b>12.25</b>	
<b>Max</b>	<b>134.69</b>	<b>139.18</b>	<b>141.45</b>	<b>146.38</b>	<b>152.50</b>	<b>16.14</b>	<b>7.54</b>	<b>1.97</b>	<b>0.98</b>	<b>28.19</b>	<b>36.36</b>	<b>75.89</b>	<b>40.96</b>	<b>14.04</b>	
<b>Medie</b>	<b>72.61</b>	<b>75.11</b>	<b>76.41</b>	<b>79.14</b>	<b>82.92</b>	<b>6.39</b>	<b>3.40</b>	<b>1.16</b>	<b>0.90</b>	<b>15.04</b>	<b>27.37</b>	<b>50.34</b>	<b>14.96</b>	<b>13.43</b>	

**Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020**

Particule in suspensie (PM2,5)	6
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	4

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	6
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\*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