

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
19 AUGUST 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	5.48	7.52	10.27	15.85	21.81	0.53	1.75	8.89	0.33	4.35	18.29	24.93	9.12	10.43	0.004
2:00	4.96	7.11	10.19	15.52	21.55	0.38	1.64	8.79	0.30	4.05	15.88	22.07	7.02	10.15	
3:00	5.16	7.51	10.76	16.96	23.84	0.50	2.79	10.03	0.31	11.91	21.48	39.68	5.80	10.63	
4:00	4.57	7.17	10.66	18.64	32.16	0.28	1.40	8.24	0.29	6.25	22.69	32.24	8.22	10.36	
5:00	4.43	6.74	9.61	17.79	34.62	0.30	1.26	8.47	0.27	3.51	12.90	18.26	20.49	10.47	
6:00	4.77	6.74	9.49	14.06	19.19	0.30	1.93	7.88	0.27	5.31	19.70	27.82	9.11	10.76	
7:00	5.83	8.37	11.47	20.76	35.17	0.32	n/a	n/a	0.31	23.99	29.53	66.18	2.22	10.78	
8:00	5.56	8.27	11.82	20.15	31.23	0.47	3.30	8.00	0.34	29.68	26.55	71.90	5.70	11.26	
9:00	6.85	10.64	15.16	28.88	49.74	0.82	13.82	10.51	0.37	19.38	26.01	55.62	10.51	10.87	
10:00	7.24	9.67	12.62	20.88	30.91	0.46	8.61	9.18	0.32	14.33	23.64	45.54	23.34	10.89	
11:00	5.16	6.65	8.43	13.13	21.71	0.28	2.28	6.83	0.26	4.57	12.08	19.07	41.34	10.56	
12:00	5.85	7.18	8.65	12.82	20.25	0.20	1.34	6.27	0.26	4.83	14.24	21.62	51.51	10.84	
13:00	8.13	9.80	11.06	18.22	31.13	0.25	1.14	6.80	0.27	7.40	25.05	36.37	58.46	14.09	
14:00	5.69	6.82	7.81	12.09	18.51	0.18	1.09	7.47	0.26	4.99	18.00	25.63	70.80	12.45	
15:00	6.90	8.19	9.34	13.95	23.58	0.19	1.02	6.92	0.27	5.88	24.15	33.13	69.26	14.33	
16:00	5.59	6.74	7.69	12.58	21.11	0.07	0.96	7.21	0.26	4.53	17.62	24.55	75.12	12.53	
17:00	5.84	6.80	7.56	11.95	18.85	0.19	0.94	7.20	0.26	4.14	15.54	21.87	76.86	11.46	
18:00	4.80	5.72	6.44	10.95	17.73	0.30	0.99	7.48	0.27	3.53	12.85	18.25	81.42	10.92	
19:00	5.00	5.88	6.62	10.82	17.50	0.28	0.99	7.53	0.28	3.40	13.25	18.45	78.99	10.73	
20:00	4.13	5.21	6.25	11.34	20.13	0.33	1.32	8.49	0.27	3.73	15.28	20.97	68.11	10.42	
21:00	6.27	7.66	9.06	15.39	24.75	0.55	2.47	8.46	0.37	4.13	21.91	28.22	49.79	10.26	
22:00	6.27	8.20	10.11	18.30	31.25	0.76	2.59	9.05	0.35	23.51	43.02	78.95	26.40	10.41	
23:00	7.23	9.34	11.69	19.14	29.47	0.81	13.89	9.30	0.38	3.84	31.50	37.37	31.84	9.88	
24:00	6.30	7.97	9.88	15.11	20.31	0.66	5.61	8.86	0.44	3.66	28.28	33.87	29.75	10.29	
<b>Min</b>	<b>4.13</b>	<b>5.21</b>	<b>6.25</b>	<b>10.82</b>	<b>17.50</b>	<b>0.07</b>	<b>0.94</b>	<b>6.27</b>	<b>0.26</b>	<b>3.40</b>	<b>12.08</b>	<b>18.25</b>	<b>2.22</b>	<b>9.88</b>	
<b>Max</b>	<b>8.13</b>	<b>10.64</b>	<b>15.16</b>	<b>28.88</b>	<b>49.74</b>	<b>0.82</b>	<b>13.89</b>	<b>10.51</b>	<b>0.44</b>	<b>29.68</b>	<b>43.02</b>	<b>78.95</b>	<b>81.42</b>	<b>14.33</b>	
<b>Medie</b>	<b>5.75</b>	<b>7.58</b>	<b>9.69</b>	<b>16.05</b>	<b>25.69</b>	<b>0.39</b>	<b>3.18</b>	<b>8.17</b>	<b>0.30</b>	<b>8.54</b>	<b>21.23</b>	<b>34.27</b>	<b>37.97</b>	<b>11.07</b>	

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

Particule in suspensie (PM2,5)	1
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	1

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

Indice zilnic general	2
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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