

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
12 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	9.08	11.67	14.13	25.69	42.98	0.43	4.75	11.72	0.36	34.53	56.88	109.65	2.98	10.58	0.005
2:00	9.14	11.37	13.53	22.63	36.20	0.23	4.21	10.79	0.33	22.66	56.93	91.55	3.00	10.32	
3:00	9.30	10.98	12.63	18.05	25.55	0.51	3.32	10.44	0.33	20.97	53.70	85.75	2.98	10.38	
4:00	9.46	11.29	13.15	19.11	25.86	0.45	5.16	9.41	0.30	5.91	39.41	48.44	7.19	10.22	
5:00	9.09	10.94	12.99	19.03	27.34	0.50	5.20	10.35	0.29	9.69	31.84	46.65	9.44	10.64	
6:00	9.15	10.56	12.05	15.98	20.99	0.46	2.56	9.48	0.30	20.09	40.49	71.18	2.86	10.41	
7:00	9.51	11.63	13.81	21.59	32.37	0.46	2.78	9.91	0.31	47.24	37.34	109.54	2.98	10.83	
8:00	10.39	13.84	17.17	33.84	58.71	1.46	n/a	n/a	0.35	44.80	37.67	106.13	5.04	10.82	
9:00	14.15	17.77	21.05	37.60	71.10	0.49	3.45	12.24	0.31	12.49	33.31	52.40	25.87	11.19	
10:00	14.72	18.11	20.96	35.44	61.07	0.45	3.47	12.64	0.31	16.61	39.96	65.33	33.16	14.01	
11:00	6.55	10.65	14.09	39.97	90.23	0.35	1.76	12.46	0.27	3.71	11.56	17.23	68.56	14.58	
12:00	6.27	9.00	11.36	25.83	52.06	0.98	11.09	15.25	0.33	3.61	10.53	16.04	72.85	11.59	
13:00	6.24	7.83	9.25	16.61	26.98	0.28	1.76	11.25	0.27	3.38	11.08	16.25	76.17	10.66	
14:00	6.87	9.39	11.51	25.82	47.75	0.41	1.91	10.96	0.29	3.65	17.18	22.76	70.83	10.41	
15:00	5.50	8.41	11.13	27.38	55.42	0.33	1.54	10.13	0.27	3.76	10.66	16.41	76.36	10.24	
16:00	5.43	7.72	10.00	21.49	42.27	0.31	1.54	9.52	0.27	3.24	9.74	14.69	78.61	10.17	
17:00	6.49	8.17	9.59	17.92	31.87	0.30	1.65	9.44	0.27	3.26	8.82	13.81	79.82	10.18	
18:00	5.21	6.28	7.11	13.23	23.10	0.24	1.14	9.72	0.27	3.45	9.89	15.16	79.03	10.01	
19:00	5.31	6.43	7.44	12.92	22.38	0.17	1.13	8.99	0.28	3.78	10.87	16.64	78.61	9.96	
20:00	5.42	7.09	8.54	18.52	36.40	0.25	1.36	8.93	0.28	5.86	17.69	26.65	71.35	9.94	
21:00	5.52	7.49	9.20	20.76	42.50	0.20	1.33	8.85	0.27	3.38	15.27	20.43	72.03	10.00	
22:00	6.29	8.27	10.03	21.22	39.46	0.44	3.79	9.33	0.29	3.37	22.36	27.53	62.96	10.01	
23:00	6.61	8.39	9.92	19.72	35.50	0.44	7.97	10.07	0.29	3.32	23.18	28.26	61.54	10.13	
24:00	7.04	8.61	9.92	17.77	29.48	0.36	3.67	9.76	0.29	3.31	31.18	36.23	49.48	10.09	
<b>Min</b>	<b>5.21</b>	<b>6.28</b>	<b>7.11</b>	<b>12.92</b>	<b>20.99</b>	<b>0.17</b>	<b>1.13</b>	<b>8.85</b>	<b>0.27</b>	<b>3.24</b>	<b>8.82</b>	<b>13.81</b>	<b>2.86</b>	<b>9.94</b>	
<b>Max</b>	<b>14.72</b>	<b>18.11</b>	<b>21.05</b>	<b>39.97</b>	<b>90.23</b>	<b>1.46</b>	<b>11.09</b>	<b>15.25</b>	<b>0.36</b>	<b>47.24</b>	<b>56.93</b>	<b>109.65</b>	<b>79.82</b>	<b>14.58</b>	
<b>Medie</b>	<b>7.86</b>	<b>10.08</b>	<b>12.11</b>	<b>22.84</b>	<b>40.73</b>	<b>0.44</b>	<b>3.33</b>	<b>10.51</b>	<b>0.30</b>	<b>11.92</b>	<b>26.56</b>	<b>44.78</b>	<b>45.57</b>	<b>10.72</b>	

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

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

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