

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
08 Iunie 2022**



**DATE CALITATE AER MUNICIPIUL SEBES -**

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

**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	8.81	10.53	12.20	19.57	30.14	0.48	1.54	6.65	0.18	4.81	19.65	27.00	41.89	3.19	0.005
2:00	9.47	11.56	13.58	22.77	34.98	0.50	1.98	7.50	0.19	5.86	36.63	45.58	21.86	3.21	
3:00	12.14	13.66	15.19	20.48	26.70	0.51	1.85	7.13	0.16	4.43	25.22	31.99	23.85	3.15	
4:00	11.39	12.90	14.41	20.24	28.08	0.46	1.83	8.34	0.15	4.74	44.22	51.44	10.03	3.09	
5:00	14.91	16.46	18.12	22.73	29.60	0.47	1.42	8.33	0.15	4.72	35.77	42.97	11.82	3.22	
6:00	15.18	17.09	19.09	25.13	33.07	0.53	1.87	7.69	0.16	19.05	44.42	73.53	5.01	3.20	
7:00	12.67	14.87	17.09	24.99	36.29	0.49	1.55	7.91	0.19	11.41	41.30	58.73	12.19	3.27	
8:00	13.14	16.00	18.76	31.56	49.47	0.50	1.69	7.17	0.21	9.82	31.03	46.04	26.45	3.21	
9:00	9.04	11.38	13.51	26.45	44.84	0.24	1.09	7.42	0.14	5.64	12.80	21.43	52.54	3.16	
10:00	9.10	10.89	12.56	20.60	31.27	0.27	1.12	7.44	0.14	4.69	7.34	14.51	63.72	3.22	
11:00	7.96	9.93	11.69	21.68	37.77	0.28	1.23	7.70	0.14	4.54	5.82	12.75	72.34	3.27	
12:00	7.97	9.62	11.18	19.18	33.27	0.28	0.94	7.35	0.14	4.22	4.23	10.68	75.89	3.36	
13:00	7.01	8.26	9.49	15.17	25.83	0.24	1.17	7.25	0.14	4.29	3.09	9.64	82.47	3.41	
14:00	7.40	8.57	9.90	14.35	21.80	0.21	0.88	6.91	0.14	4.04	2.16	8.33	85.57	3.35	
15:00	8.22	9.37	10.62	14.97	21.24	0.19	0.78	6.71	0.14	4.05	2.55	8.73	87.85	3.32	
16:00	6.81	8.08	9.37	15.35	23.94	0.20	0.86	6.87	0.14	3.94	2.87	8.90	91.88	3.30	
17:00	6.54	8.58	10.26	22.11	43.37	0.23	1.00	6.32	0.14	4.37	5.80	12.47	76.12	3.13	
18:00	4.70	8.67	12.45	32.47	65.64	0.29	0.98	6.93	0.14	4.51	7.55	14.45	70.94	3.06	
19:00	7.52	9.32	11.06	18.68	31.55	0.21	0.84	6.05	0.14	4.37	7.50	14.17	65.17	3.05	
20:00	7.15	8.47	9.89	13.96	20.13	0.20	1.16	6.01	0.14	4.19	6.57	12.99	63.97	3.05	
21:00	7.88	9.26	10.77	15.51	23.40	0.23	0.90	5.91	0.15	4.07	7.31	13.53	64.42	3.05	
22:00	9.04	10.42	11.92	16.69	23.71	0.21	1.11	5.94	0.16	4.26	16.70	23.20	50.46	3.13	
23:00	9.59	11.64	13.84	21.74	34.11	0.23	1.12	6.25	0.17	4.40	14.35	21.07	44.58	3.13	
24:00	10.31	11.91	13.72	19.33	26.51	0.22	0.94	5.57	0.16	4.37	14.17	20.85	43.42	3.14	
<b>Min</b>	<b>4.70</b>	<b>8.08</b>	<b>9.37</b>	<b>13.96</b>	<b>20.13</b>	<b>0.19</b>	<b>0.78</b>	<b>5.57</b>	<b>0.14</b>	<b>3.94</b>	<b>2.16</b>	<b>8.33</b>	<b>5.01</b>	<b>3.05</b>	
<b>Max</b>	<b>15.18</b>	<b>17.09</b>	<b>19.09</b>	<b>32.47</b>	<b>65.64</b>	<b>0.53</b>	<b>1.98</b>	<b>8.34</b>	<b>0.21</b>	<b>19.05</b>	<b>44.42</b>	<b>73.53</b>	<b>91.88</b>	<b>3.41</b>	
<b>Medie</b>	<b>9.33</b>	<b>11.14</b>	<b>12.94</b>	<b>20.65</b>	<b>32.36</b>	<b>0.32</b>	<b>1.24</b>	<b>6.97</b>	<b>0.15</b>	<b>5.62</b>	<b>16.63</b>	<b>25.21</b>	<b>51.85</b>	<b>3.19</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