

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
07 SEPTEMBRIE 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	9.88	11.86	13.90	20.94	29.93	0.30	1.65	6.93	0.19	1.74	25.86	28.49	27.19	7.29	0.004
2:00	9.64	11.50	13.71	19.27	25.17	0.59	2.46	8.35	0.20	3.85	29.51	35.35	19.25	7.29	
3:00	8.63	10.06	11.79	15.80	21.74	0.43	1.98	8.29	0.19	4.98	31.54	39.11	14.79	7.25	
4:00	8.22	9.61	11.33	15.00	18.96	0.42	1.60	7.50	0.17	5.95	27.92	36.99	13.97	7.30	
5:00	7.60	8.97	10.70	14.45	18.25	0.36	1.50	8.04	0.17	2.50	23.02	26.79	17.66	7.21	
6:00	7.31	8.73	10.59	14.19	17.35	0.25	1.44	6.99	0.16	15.01	25.42	48.34	12.70	7.33	
7:00	8.06	9.60	11.46	16.33	21.92	0.24	n/a	n/a	0.19	12.23	25.31	43.99	13.54	7.34	
8:00	9.09	11.25	13.63	21.69	32.21	0.49	1.58	6.73	0.19	14.09	25.15	46.69	16.79	7.39	
9:00	11.25	13.94	16.71	26.98	41.30	0.32	2.18	6.95	0.20	18.97	24.70	53.69	20.73	7.48	
10:00	10.40	12.52	14.69	23.76	38.48	0.29	1.43	6.74	0.19	6.01	19.21	28.39	33.78	7.37	
11:00	10.34	12.64	15.26	23.68	36.21	0.38	3.63	7.40	0.20	6.37	14.86	24.55	41.82	7.30	
12:00	9.82	11.75	13.76	21.88	34.80	0.26	1.16	6.82	0.19	4.25	10.73	17.16	48.78	7.45	
13:00	10.47	12.50	14.68	21.68	32.80	0.31	2.07	6.73	0.19	2.54	9.83	13.67	59.10	7.35	
14:00	9.31	10.95	12.69	17.72	25.28	0.26	1.35	6.70	0.17	2.37	6.94	10.55	71.16	7.29	
15:00	8.56	9.96	11.47	15.84	22.15	0.20	0.77	6.58	0.17	0.85	4.05	5.34	88.43	7.27	
16:00	10.20	11.42	12.66	16.45	21.48	0.19	0.95	6.31	0.17	0.97	4.13	5.60	93.43	7.29	
17:00	8.91	10.16	11.52	15.21	20.80	0.19	1.16	6.32	0.17	1.10	5.54	7.22	99.01	7.33	
18:00	7.38	8.41	9.53	12.91	19.07	0.16	0.86	6.31	0.16	0.94	5.93	7.36	102.78	7.32	
19:00	6.25	7.35	8.41	13.33	20.82	0.20	1.02	6.49	0.20	1.35	11.26	13.29	88.18	7.23	
20:00	9.30	10.87	12.39	18.80	29.62	0.39	1.14	6.87	0.26	1.51	17.69	19.97	70.17	7.17	
21:00	9.39	11.17	12.88	20.54	31.90	0.56	1.27	5.91	0.47	2.37	35.03	38.61	45.30	7.28	
22:00	11.06	13.37	15.49	25.73	40.80	0.61	5.56	7.94	0.27	2.73	31.65	35.81	33.46	7.55	
23:00	12.58	14.70	16.98	24.01	34.02	0.31	2.95	7.45	0.22	2.37	23.30	26.89	30.09	7.43	
24:00	12.79	14.63	16.65	22.27	28.47	0.34	1.87	7.58	0.23	2.35	19.80	23.34	26.22	7.45	
<b>Min</b>	<b>6.25</b>	<b>7.35</b>	<b>8.41</b>	<b>12.91</b>	<b>17.35</b>	<b>0.16</b>	<b>0.77</b>	<b>5.91</b>	<b>0.16</b>	<b>0.85</b>	<b>4.05</b>	<b>5.34</b>	<b>12.70</b>	<b>7.17</b>	
<b>Max</b>	<b>12.79</b>	<b>14.70</b>	<b>16.98</b>	<b>26.98</b>	<b>41.30</b>	<b>0.61</b>	<b>5.56</b>	<b>8.35</b>	<b>0.47</b>	<b>18.97</b>	<b>35.03</b>	<b>53.69</b>	<b>102.78</b>	<b>7.55</b>	
<b>Medie</b>	<b>9.44</b>	<b>11.16</b>	<b>13.04</b>	<b>19.10</b>	<b>27.65</b>	<b>0.34</b>	<b>1.81</b>	<b>7.04</b>	<b>0.21</b>	<b>4.89</b>	<b>19.10</b>	<b>26.55</b>	<b>45.35</b>	<b>7.33</b>	

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

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	3
Particule in suspensie (PM10)	1

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

Indice zilnic general	3
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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