

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
07 MAI 2023**



**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	7.05	7.97	8.88	11.45	14.63	0.37	0.53	1.14	0.14	1.27	5.80	7.07	111.97	4.13	0.007
2:00	6.98	7.82	8.69	11.06	14.79	0.34	0.53	1.12	0.14	1.29	4.57	5.85	113.47	4.39	
3:00	8.09	9.12	10.16	13.04	17.87	0.34	0.52	1.11	0.14	1.15	5.34	6.49	109.61	5.15	
4:00	8.85	9.96	11.15	14.08	17.31	0.34	0.49	1.10	0.14	1.19	3.75	4.93	112.75	4.61	
5:00	8.44	9.64	10.84	15.06	20.84	0.36	0.52	1.13	0.13	1.03	3.95	4.98	117.17	4.72	
6:00	8.21	9.54	10.97	15.28	21.21	0.34	0.67	1.09	0.14	1.40	6.99	8.38	98.41	4.00	
7:00	9.96	11.84	13.80	20.41	30.71	0.45	1.16	1.13	0.20	1.75	11.92	13.67	76.99	3.78	
8:00	10.90	12.99	15.13	22.78	34.22	0.59	1.19	1.25	0.19	3.52	13.17	16.69	72.38	3.77	
9:00	8.26	10.20	12.09	20.75	32.54	0.42	0.81	1.07	0.18	3.36	8.97	12.32	90.61	3.42	
10:00	10.99	13.02	14.95	24.41	39.83	0.51	0.73	1.07	0.17	3.20	8.40	11.58	109.04	3.45	
11:00	4.09	5.41	6.69	13.07	22.63	0.25	0.36	1.04	0.13	1.44	2.89	4.33	127.68	3.36	
12:00	4.02	5.32	6.47	13.03	23.62	0.43	0.44	1.21	0.13	1.94	3.23	5.16	130.28	3.39	
13:00	4.92	6.16	7.38	12.84	20.58	0.30	0.45	1.15	0.13	1.61	3.36	4.97	135.42	3.32	
14:00	5.65	6.88	8.13	13.49	20.60	0.27	0.41	1.22	0.13	1.58	4.37	5.94	129.90	3.40	
15:00	9.21	10.92	12.50	20.13	32.39	0.29	0.47	1.22	0.15	2.06	4.22	6.28	112.11	3.45	
16:00	7.15	8.66	10.02	17.43	28.88	0.32	0.41	1.20	0.14	1.87	2.89	4.75	118.90	3.53	
17:00	6.57	7.68	8.84	12.87	19.81	0.31	0.32	1.24	0.13	1.50	2.74	4.24	130.59	3.50	
18:00	9.08	10.45	11.65	17.22	26.20	0.43	0.62	1.32	0.15	1.71	7.29	8.99	113.08	3.42	
19:00	10.39	12.18	13.66	22.07	34.34	0.34	n/a	n/a	0.15	1.64	8.26	9.89	104.29	3.46	
20:00	8.65	10.24	11.74	18.20	28.41	0.31	0.57	1.36	0.16	1.98	14.00	15.98	94.40	3.56	
21:00	9.91	11.33	12.72	17.43	23.62	0.45	0.87	1.39	0.19	2.76	21.63	24.39	78.56	3.45	
22:00	10.42	11.86	13.31	17.43	22.71	0.50	1.02	1.40	0.18	3.73	28.21	31.95	58.81	3.57	
23:00	5.17	6.08	7.03	9.22	11.94	0.22	0.41	1.27	0.13	1.19	6.45	7.63	97.60	3.36	
24:00	2.47	3.14	3.82	5.44	7.00	0.23	0.38	1.22	0.13	1.20	5.00	6.19	106.30	3.24	
<b>Min</b>	<b>2.47</b>	<b>3.14</b>	<b>3.82</b>	<b>5.44</b>	<b>7.00</b>	<b>0.22</b>	<b>0.32</b>	<b>1.04</b>	<b>0.13</b>	<b>1.03</b>	<b>2.74</b>	<b>4.24</b>	<b>58.81</b>	<b>3.24</b>	
<b>Max</b>	<b>10.99</b>	<b>13.02</b>	<b>15.13</b>	<b>24.41</b>	<b>39.83</b>	<b>0.59</b>	<b>1.19</b>	<b>1.40</b>	<b>0.20</b>	<b>3.73</b>	<b>28.21</b>	<b>31.95</b>	<b>135.42</b>	<b>5.15</b>	
<b>Medie</b>	<b>7.73</b>	<b>9.10</b>	<b>10.44</b>	<b>15.76</b>	<b>23.61</b>	<b>0.36</b>	<b>0.60</b>	<b>1.19</b>	<b>0.15</b>	<b>1.89</b>	<b>7.81</b>	<b>9.69</b>	<b>106.26</b>	<b>3.73</b>	

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

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

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

Indice zilnic general	4
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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