

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
26 APRILIE 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	3.01	3.47	3.95	5.30	7.45	0.42	0.41	0.92	0.21	1.11	2.59	3.73	112.99	12.58	0.006
2:00	2.14	2.47	2.85	3.65	4.62	0.40	0.42	0.89	0.21	1.19	3.00	4.19	107.01	12.64	
3:00	1.22	1.48	1.83	2.36	2.72	0.36	0.42	0.87	0.20	1.31	2.63	3.98	108.78	12.62	
4:00	1.70	1.96	2.29	2.95	3.75	0.35	0.41	0.85	0.20	0.96	2.70	3.68	106.68	12.68	
5:00	2.64	2.98	3.47	4.32	5.49	0.36	0.39	0.84	0.20	1.38	2.53	3.91	103.42	12.63	
6:00	3.88	4.26	4.72	5.66	6.53	0.35	0.44	0.82	0.22	1.51	5.51	7.02	97.94	12.70	
7:00	3.79	4.33	4.95	6.95	9.60	0.62	n/a	n/a	0.43	2.62	8.86	11.47	97.80	12.62	
8:00	5.07	5.98	6.88	10.75	16.07	0.88	0.85	0.82	0.43	3.08	12.74	15.81	92.87	12.71	
9:00	7.50	16.23	26.03	60.25	113.08	0.64	3.71	1.25	0.44	3.81	12.98	16.77	97.64	12.75	
10:00	8.99	16.44	24.03	56.05	105.02	0.87	7.53	1.68	0.41	3.75	9.12	12.87	100.96	12.78	
11:00	8.74	10.06	11.21	15.36	22.55	0.59	2.06	1.13	0.36	3.60	7.64	11.21	99.93	12.82	
12:00	9.65	11.72	13.72	18.11	24.55	1.26	13.53	2.63	0.57	5.09	11.83	16.92	91.41	13.11	
13:00	9.15	11.10	12.88	18.77	25.68	1.06	3.76	1.77	0.66	5.51	13.14	18.66	87.72	12.60	
14:00	7.75	8.98	10.16	13.87	19.42	1.26	2.58	1.82	0.71	4.40	10.95	15.34	89.87	12.57	
15:00	5.27	6.99	8.58	17.34	30.94	1.56	2.34	1.32	0.70	3.58	8.38	11.96	100.29	12.82	
16:00	5.40	6.42	7.44	11.53	17.93	0.53	1.16	1.10	0.33	2.87	12.16	15.03	98.94	12.91	
17:00	6.99	7.94	8.82	12.41	18.23	0.47	1.04	0.94	0.22	4.05	10.19	14.25	103.74	13.32	
18:00	6.79	7.57	8.28	10.66	14.81	0.47	0.98	0.94	0.22	2.60	7.02	9.60	106.88	12.75	
19:00	8.75	9.85	10.75	13.44	17.96	0.63	1.02	0.96	0.24	2.24	8.42	10.68	99.25	12.64	
20:00	9.61	10.54	11.39	13.18	15.61	0.78	1.26	0.95	0.27	2.27	14.49	16.76	96.71	12.72	
21:00	15.55	17.05	18.15	21.18	24.90	1.31	1.25	0.97	0.33	2.15	14.19	16.35	97.11	12.77	
22:00	17.50	19.68	21.07	23.25	25.99	1.31	1.32	0.98	0.38	2.28	16.08	18.37	89.06	12.79	
23:00	13.56	15.00	16.31	18.70	21.71	0.73	1.20	0.94	0.35	1.78	18.06	19.85	86.70	12.94	
24:00	8.16	10.01	11.63	15.23	20.27	0.53	0.85	0.82	0.25	1.68	10.37	12.06	99.02	12.93	
<b>Min</b>	<b>1.22</b>	<b>1.48</b>	<b>1.83</b>	<b>2.36</b>	<b>2.72</b>	<b>0.35</b>	<b>0.39</b>	<b>0.82</b>	<b>0.20</b>	<b>0.96</b>	<b>2.53</b>	<b>3.68</b>	<b>86.70</b>	<b>12.57</b>	
<b>Max</b>	<b>17.50</b>	<b>19.68</b>	<b>26.03</b>	<b>60.25</b>	<b>113.08</b>	<b>1.56</b>	<b>13.53</b>	<b>2.63</b>	<b>0.71</b>	<b>5.51</b>	<b>18.06</b>	<b>19.85</b>	<b>112.99</b>	<b>13.32</b>	
<b>Medie</b>	<b>7.20</b>	<b>8.86</b>	<b>10.48</b>	<b>15.89</b>	<b>23.95</b>	<b>0.74</b>	<b>2.13</b>	<b>1.14</b>	<b>0.36</b>	<b>2.70</b>	<b>9.40</b>	<b>12.10</b>	<b>98.86</b>	<b>12.77</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)	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
-----------------------	---

\*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