

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
04 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/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>
1:00	6.33	7.49	8.60	12.97	19.90	0.39	0.71	1.01	0.15	1.11	6.99	8.11	136.91	3.63	0.006
2:00	6.57	7.94	9.32	13.89	19.68	0.39	0.58	0.83	0.15	0.87	7.18	8.05	129.14	3.59	
3:00	6.76	8.15	9.42	14.11	20.25	0.49	0.91	0.90	0.16	0.95	7.31	8.24	121.76	3.27	
4:00	5.98	7.41	8.88	13.38	20.13	0.35	n/a	n/a	0.15	1.33	16.57	17.90	106.45	3.25	
5:00	5.83	7.85	9.87	18.15	31.11	0.35	0.71	0.83	0.14	1.21	17.36	18.56	104.96	3.19	
6:00	5.56	7.27	8.94	15.38	24.07	0.95	0.95	0.88	0.33	1.48	13.52	14.99	110.27	3.04	
7:00	7.48	9.89	12.50	20.80	33.43	1.16	1.30	1.00	0.66	2.95	27.28	30.25	88.97	3.18	
8:00	6.90	9.84	12.57	27.03	48.59	1.22	1.89	0.93	0.49	21.46	45.80	67.26	66.56	3.17	
9:00	8.15	12.33	16.23	36.06	62.80	1.68	4.17	1.17	0.48	13.02	40.86	53.88	71.07	3.05	
10:00	8.19	15.65	22.19	54.73	107.89	0.64	4.55	1.80	0.72	12.15	25.91	38.04	92.80	3.25	
11:00	5.30	9.35	12.51	40.50	93.55	0.40	1.69	1.13	0.15	4.53	15.98	20.50	105.82	2.98	
12:00	4.36	5.64	6.90	12.08	22.12	0.32	0.97	1.00	0.14	2.78	10.89	13.67	113.24	2.94	
13:00	4.52	5.74	6.86	11.70	17.54	0.38	0.90	0.94	0.16	2.74	8.78	11.51	116.84	2.97	
14:00	6.17	7.58	8.93	14.40	23.50	0.53	1.19	0.94	0.46	3.73	11.36	15.08	109.44	3.05	
15:00	6.55	7.83	9.00	13.89	21.08	1.69	0.96	0.94	1.37	5.19	10.69	15.87	113.34	3.10	
16:00	4.00	5.01	5.93	9.28	14.99	0.83	1.51	0.94	0.66	2.77	8.00	10.77	118.94	2.86	
17:00	3.72	4.59	5.50	7.87	11.69	0.33	1.21	1.00	0.32	3.06	9.86	12.91	110.99	3.03	
18:00	3.90	4.67	5.43	7.46	9.59	0.35	0.76	0.86	0.14	2.88	12.44	15.31	106.44	2.96	
19:00	3.88	4.54	5.21	6.78	9.03	0.32	0.67	0.85	0.13	1.75	7.52	9.25	115.28	3.03	
20:00	4.17	4.84	5.58	6.55	7.51	0.32	0.58	0.79	0.13	1.58	6.78	8.35	122.89	2.87	
21:00	5.62	6.60	7.51	10.54	16.00	0.67	1.30	0.92	0.19	1.86	12.41	14.25	110.21	3.05	
22:00	12.62	14.16	15.46	20.61	27.68	1.53	1.60	1.08	0.29	5.41	41.21	46.61	60.38	3.15	
23:00	10.32	11.26	12.24	14.12	16.67	1.11	2.25	1.01	0.27	3.76	33.74	37.50	54.20	3.18	
24:00	9.67	10.78	11.97	14.08	16.25	0.72	1.90	1.03	0.24	8.59	47.14	55.72	35.99	2.98	
<b>Min</b>	<b>3.72</b>	<b>4.54</b>	<b>5.21</b>	<b>6.55</b>	<b>7.51</b>	<b>0.32</b>	<b>0.58</b>	<b>0.79</b>	<b>0.13</b>	<b>0.87</b>	<b>6.78</b>	<b>8.05</b>	<b>35.99</b>	<b>2.86</b>	
<b>Max</b>	<b>12.62</b>	<b>15.65</b>	<b>22.19</b>	<b>54.73</b>	<b>107.89</b>	<b>1.69</b>	<b>4.55</b>	<b>1.80</b>	<b>1.37</b>	<b>21.46</b>	<b>47.14</b>	<b>67.26</b>	<b>136.91</b>	<b>3.63</b>	
<b>Medie</b>	<b>6.36</b>	<b>8.18</b>	<b>9.90</b>	<b>17.35</b>	<b>28.96</b>	<b>0.71</b>	<b>1.45</b>	<b>0.99</b>	<b>0.34</b>	<b>4.47</b>	<b>18.57</b>	<b>23.02</b>	<b>100.95</b>	<b>3.12</b>	

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

Particule in suspensie (PM2,5)	1
Dioxid de azot (NO2)	2
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