

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
25 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	19.99	21.74	23.44	26.88	32.51	0.75	2.56	1.09	0.30	2.04	26.21	28.26	68.52	13.07	0.006
2:00	15.99	17.34	18.80	21.06	23.71	0.65	n/a	n/a	0.24	2.05	22.61	24.66	64.48	12.96	
3:00	17.27	18.67	20.14	22.45	25.02	0.65	1.91	1.14	0.26	2.50	26.52	29.02	49.60	12.95	
4:00	16.75	18.14	19.62	22.10	24.82	0.59	0.96	1.07	0.24	2.22	13.60	15.82	49.63	12.89	
5:00	14.39	15.79	17.25	20.14	24.67	0.75	1.38	0.98	0.26	2.59	12.26	14.84	49.53	12.82	
6:00	13.75	15.07	16.47	19.65	23.43	0.61	1.15	1.01	0.35	3.42	16.42	19.85	44.56	12.79	
7:00	12.54	14.24	15.95	21.73	28.34	0.97	1.19	1.08	0.85	7.20	27.38	34.59	32.56	12.84	
8:00	17.66	19.78	22.05	28.37	36.85	1.72	1.80	1.00	0.62	26.04	38.29	64.33	20.16	12.97	
9:00	17.65	19.70	21.96	27.36	35.76	1.06	1.58	1.14	0.79	13.65	27.65	41.31	40.64	12.78	
10:00	15.79	17.41	19.35	22.67	27.96	0.74	1.65	1.25	0.57	8.17	21.84	30.02	66.50	12.86	
11:00	13.53	14.81	16.20	19.08	23.81	0.47	0.73	0.99	0.21	3.61	8.79	12.38	103.32	12.98	
12:00	10.95	12.31	13.73	16.86	20.83	0.37	0.58	0.97	0.19	6.71	17.25	23.96	112.50	14.01	
13:00	9.03	10.26	11.44	15.72	22.45	0.52	1.29	1.12	0.20	3.50	12.74	16.22	120.61	13.31	
14:00	6.24	7.14	8.07	10.60	13.96	0.34	0.73	1.03	0.20	2.47	11.06	13.51	116.26	12.83	
15:00	5.04	6.28	7.63	10.04	13.36	0.24	1.11	1.07	0.20	3.57	16.55	20.12	103.23	12.85	
16:00	5.10	6.48	7.77	12.02	18.83	0.39	0.75	1.16	0.20	4.40	15.47	19.86	97.63	13.06	
17:00	1.38	1.91	2.50	3.75	5.49	0.40	0.79	1.11	0.19	2.59	8.65	11.23	102.04	12.78	
18:00	1.21	1.88	2.58	5.47	9.79	0.38	0.59	1.00	0.20	3.14	5.70	8.80	96.88	12.67	
19:00	1.57	2.08	2.71	4.42	7.61	0.34	0.46	0.96	0.20	1.98	4.83	6.84	108.43	12.63	
20:00	2.80	3.36	3.95	6.09	10.23	0.37	0.50	0.98	0.20	1.85	6.35	8.23	112.45	12.61	
21:00	3.57	4.05	4.64	5.55	6.66	0.51	0.64	0.99	0.21	2.31	7.24	9.55	110.29	12.68	
22:00	3.14	3.64	4.23	5.73	8.61	0.42	0.58	0.96	0.20	1.63	7.20	8.85	112.90	12.79	
23:00	3.06	3.58	4.21	5.97	8.97	0.37	0.47	0.91	0.20	1.52	5.77	7.33	114.27	12.79	
24:00	3.18	3.68	4.20	5.82	8.56	0.52	0.45	0.97	0.21	1.15	4.91	6.09	111.90	12.52	
<b>Min</b>	<b>1.21</b>	<b>1.88</b>	<b>2.50</b>	<b>3.75</b>	<b>5.49</b>	<b>0.24</b>	<b>0.45</b>	<b>0.91</b>	<b>0.19</b>	<b>1.15</b>	<b>4.83</b>	<b>6.09</b>	<b>20.16</b>	<b>12.52</b>	
<b>Max</b>	<b>19.99</b>	<b>21.74</b>	<b>23.44</b>	<b>28.37</b>	<b>36.85</b>	<b>1.72</b>	<b>2.56</b>	<b>1.25</b>	<b>0.85</b>	<b>26.04</b>	<b>38.29</b>	<b>64.33</b>	<b>120.61</b>	<b>14.01</b>	
<b>Medie</b>	<b>9.65</b>	<b>10.81</b>	<b>12.04</b>	<b>14.98</b>	<b>19.26</b>	<b>0.59</b>	<b>1.04</b>	<b>1.04</b>	<b>0.30</b>	<b>4.60</b>	<b>15.22</b>	<b>19.82</b>	<b>83.70</b>	<b>12.89</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