

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
23 IULIE 2021**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE - Kogalniceanu, nr. 114 A**

**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	8.55	9.92	11.20	16.84	24.18	0.35	2.14	9.20	0.24	3.80	45.48	51.30	24.34	9.36	0.004
2:00	8.73	10.11	11.49	15.85	21.14	0.44	3.02	9.83	0.26	4.65	47.69	54.79	22.09	9.22	
3:00	8.41	9.60	11.03	14.03	18.14	0.33	2.18	9.54	0.24	6.60	56.55	66.63	10.21	9.42	
4:00	8.01	9.44	11.07	15.10	21.39	0.36	2.22	11.12	0.33	3.38	19.69	24.87	28.41	9.67	
5:00	8.26	9.82	11.63	16.20	22.44	0.39	4.02	10.61	0.33	20.74	35.61	67.29	11.37	9.93	
6:00	7.51	9.07	10.97	15.37	21.20	0.38	2.48	10.54	0.26	12.49	29.54	48.62	16.98	9.53	
7:00	8.98	10.90	12.83	20.48	31.82	0.55	4.48	11.48	0.27	43.55	38.17	104.72	4.61	10.02	
8:00	10.60	12.99	15.63	24.58	38.07	0.56	2.48	10.78	0.30	37.12	38.99	95.71	8.93	9.88	
9:00	10.96	13.50	16.11	26.40	42.47	0.41	2.12	9.77	0.28	24.64	36.23	73.88	15.80	9.80	
10:00	11.30	13.45	15.50	24.98	41.91	0.30	1.44	10.49	0.26	7.51	22.19	33.66	35.89	9.63	
11:00	11.48	13.36	15.12	22.52	34.47	0.30	1.40	10.56	0.24	5.02	15.75	23.41	56.24	9.62	
12:00	10.84	12.16	13.31	18.93	28.36	0.37	1.27	11.31	0.27	3.63	11.38	16.93	73.11	9.92	
13:00	9.69	10.86	11.89	15.88	21.26	0.40	1.25	10.94	0.25	3.40	9.61	14.81	77.93	9.78	
14:00	8.95	10.00	10.96	14.85	20.37	0.27	1.12	11.02	0.25	3.39	9.91	15.09	79.47	9.84	
15:00	7.51	8.71	9.77	14.72	23.35	0.30	1.23	11.01	0.24	6.27	17.17	26.75	77.40	9.77	
16:00	7.65	8.73	9.67	14.10	21.11	0.28	1.11	10.55	0.24	3.60	11.25	16.75	89.06	9.57	
17:00	7.39	8.82	10.26	16.22	26.32	0.44	1.17	12.60	0.24	3.94	15.20	21.23	84.70	10.27	
18:00	7.48	9.16	10.66	18.46	30.90	0.28	1.32	10.43	0.24	5.95	25.68	34.78	80.91	12.23	
19:00	7.45	9.22	10.86	20.07	35.13	0.32	1.35	10.04	0.27	3.45	13.66	18.94	84.56	9.30	
20:00	10.10	12.80	15.07	30.97	56.41	0.39	1.90	10.76	0.27	3.86	22.99	28.88	66.56	9.44	
21:00	12.79	15.69	18.05	33.02	54.62	0.57	3.10	10.66	0.30	3.85	33.97	39.86	49.02	9.55	
22:00	13.13	16.66	20.21	35.61	55.93	1.29	2.36	9.81	0.31	4.78	24.89	32.19	47.43	9.67	
23:00	13.68	16.64	19.41	31.70	50.07	0.74	2.53	9.58	0.40	3.81	26.34	32.16	40.22	9.54	
24:00	12.29	15.30	18.45	30.08	47.71	0.87	n/a	n/a	0.45	4.10	30.92	37.19	35.83	9.51	
<b>Min</b>	<b>7.39</b>	<b>8.71</b>	<b>9.67</b>	<b>14.03</b>	<b>18.14</b>	<b>0.27</b>	<b>1.11</b>	<b>9.20</b>	<b>0.24</b>	<b>3.38</b>	<b>9.61</b>	<b>14.81</b>	<b>4.61</b>	<b>9.22</b>	
<b>Max</b>	<b>13.68</b>	<b>16.66</b>	<b>20.21</b>	<b>35.61</b>	<b>56.41</b>	<b>1.29</b>	<b>4.48</b>	<b>12.60</b>	<b>0.45</b>	<b>43.55</b>	<b>56.55</b>	<b>104.72</b>	<b>89.06</b>	<b>12.23</b>	
<b>Medie</b>	<b>9.66</b>	<b>11.54</b>	<b>13.38</b>	<b>21.12</b>	<b>32.87</b>	<b>0.45</b>	<b>2.07</b>	<b>10.55</b>	<b>0.28</b>	<b>9.31</b>	<b>26.62</b>	<b>40.85</b>	<b>46.71</b>	<b>9.77</b>	

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

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

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

Indice zilnic general	2
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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