

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
26 AUGUST 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	3.42	4.30	5.50	7.49	9.16	0.20	0.75	7.31	0.27	3.20	10.05	14.95	33.07	10.61	0.003
2:00	3.14	3.87	4.87	6.31	7.95	0.21	1.04	7.44	0.27	3.04	9.79	14.44	35.56	10.62	
3:00	2.91	3.74	4.90	6.85	9.30	0.29	0.75	6.49	0.26	3.10	10.35	15.07	34.02	10.69	
4:00	2.83	3.74	4.98	7.40	9.91	0.10	0.78	6.72	0.27	3.05	9.21	13.88	33.86	10.45	
5:00	3.38	4.22	5.37	7.06	8.80	0.26	0.69	5.98	0.27	3.16	9.88	14.71	33.58	10.75	
6:00	4.10	5.29	6.72	10.67	15.79	0.34	0.75	6.59	0.28	3.45	12.53	17.79	30.33	10.43	
7:00	4.85	5.81	6.96	9.61	12.42	0.25	1.16	6.08	0.29	3.83	12.91	18.75	29.67	10.76	
8:00	6.29	7.38	8.62	11.64	15.96	0.24	5.27	5.39	0.28	3.98	12.42	18.50	32.81	10.78	
9:00	7.66	9.61	11.70	19.06	32.86	0.21	3.61	5.62	0.29	4.49	12.47	19.34	36.64	10.64	
10:00	6.97	9.00	10.75	20.97	40.04	0.14	1.33	5.25	0.29	4.06	10.98	17.18	43.30	10.62	
11:00	5.82	7.28	8.73	14.72	25.87	0.27	1.45	5.35	0.30	3.77	10.69	16.45	49.26	10.70	
12:00	4.95	5.95	6.79	11.25	18.62	0.22	0.69	5.04	0.29	3.82	10.59	16.42	55.14	11.00	
13:00	3.63	4.72	5.67	11.20	19.17	0.15	n/a	n/a	0.29	3.50	9.17	14.52	63.25	11.03	
14:00	2.78	4.15	5.12	15.12	34.65	0.18	0.69	5.20	0.28	3.36	9.44	14.57	68.67	10.97	
15:00	2.67	3.86	4.98	11.36	22.33	0.20	0.45	3.95	0.28	3.58	10.09	15.55	69.55	10.69	
16:00	2.80	3.55	4.24	8.04	13.42	0.16	0.56	5.05	0.29	3.52	9.89	15.27	71.49	10.59	
17:00	3.04	3.90	4.65	9.34	17.78	0.20	0.62	5.54	0.29	3.54	10.64	16.05	71.51	10.70	
18:00	2.95	3.70	4.38	8.19	13.10	0.30	1.11	4.03	0.30	3.63	11.22	16.77	71.14	10.70	
19:00	3.11	3.78	4.48	7.29	11.36	0.37	1.14	5.72	0.30	3.42	12.62	17.85	71.90	10.40	
20:00	3.97	4.92	5.87	9.80	14.68	0.29	0.85	6.39	0.31	3.36	16.21	21.33	65.90	10.50	
21:00	5.80	7.24	8.67	15.17	22.75	0.53	3.95	5.51	0.34	3.45	19.42	24.69	50.92	10.74	
22:00	7.91	9.53	11.17	17.41	26.93	0.74	3.48	6.03	0.39	4.06	27.40	33.61	38.31	10.69	
23:00	10.81	12.83	14.65	22.69	34.54	0.86	4.26	6.07	0.40	9.76	56.53	71.44	13.97	10.83	
24:00	6.61	8.30	10.07	16.75	28.79	0.28	1.53	6.28	0.36	6.63	38.05	48.18	21.77	10.71	
<b>Min</b>	<b>2.67</b>	<b>3.55</b>	<b>4.24</b>	<b>6.31</b>	<b>7.95</b>	<b>0.10</b>	<b>0.45</b>	<b>3.95</b>	<b>0.26</b>	<b>3.04</b>	<b>9.17</b>	<b>13.88</b>	<b>13.97</b>	<b>10.40</b>	
<b>Max</b>	<b>10.81</b>	<b>12.83</b>	<b>14.65</b>	<b>22.69</b>	<b>40.04</b>	<b>0.86</b>	<b>5.27</b>	<b>7.44</b>	<b>0.40</b>	<b>9.76</b>	<b>56.53</b>	<b>71.44</b>	<b>71.90</b>	<b>11.03</b>	
<b>Medie</b>	<b>4.68</b>	<b>5.86</b>	<b>7.08</b>	<b>11.89</b>	<b>19.42</b>	<b>0.29</b>	<b>1.60</b>	<b>5.78</b>	<b>0.30</b>	<b>3.95</b>	<b>15.11</b>	<b>21.14</b>	<b>46.90</b>	<b>10.69</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)	2
Particule in suspensie (PM10)	1

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

Indice zilnic general	2
-----------------------	---

\*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