

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
28 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	5.97	6.68	7.49	8.66	9.64	0.20	0.53	2.79	0.30	2.95	10.03	14.54	46.68	10.64	0.003
2:00	5.43	6.19	7.03	8.65	10.07	0.20	0.45	3.09	0.30	3.11	8.17	12.92	52.04	10.77	
3:00	5.23	5.87	6.56	7.71	9.46	0.28	0.59	2.89	0.29	3.07	8.63	13.33	57.29	10.82	
4:00	5.32	6.02	6.88	7.91	9.28	0.30	0.72	3.15	0.30	3.05	8.70	13.36	42.44	10.46	
5:00	5.42	6.13	7.00	8.11	9.50	0.20	0.73	3.26	0.29	3.17	9.10	13.95	39.18	10.79	
6:00	6.97	8.09	9.47	11.58	13.93	0.36	1.35	3.28	0.30	4.13	21.68	27.99	24.47	10.61	
7:00	10.68	12.33	14.33	16.81	19.37	0.40	0.75	3.43	0.31	3.34	21.84	26.95	21.55	10.84	
8:00	10.56	12.20	14.12	17.31	20.82	0.39	1.36	3.33	0.31	4.82	25.98	33.34	19.71	10.48	
9:00	10.23	11.73	13.33	16.99	21.38	0.34	1.14	3.50	0.31	5.06	24.15	31.88	22.00	10.46	
10:00	8.06	9.32	10.83	13.75	17.93	0.41	1.09	3.29	0.31	5.79	19.14	27.99	26.47	10.78	
11:00	8.08	9.52	11.11	15.64	21.51	0.32	1.21	3.39	0.33	5.94	18.90	27.98	28.31	10.39	
12:00	11.78	13.58	15.54	20.91	29.17	0.75	1.69	3.41	0.36	6.05	22.29	31.54	29.59	10.60	
13:00	9.01	10.15	11.35	14.36	17.73	0.54	1.04	3.43	0.32	4.53	14.89	21.81	41.74	10.30	
14:00	5.39	6.05	6.70	9.00	12.06	0.28	1.80	3.62	0.31	4.05	11.97	18.16	58.72	10.27	
15:00	5.26	5.99	6.79	9.05	12.61	0.36	2.01	3.62	0.31	3.70	12.12	17.78	56.15	10.32	
16:00	4.74	5.34	5.95	8.09	11.27	0.33	1.12	3.98	0.30	3.35	10.67	15.79	58.94	10.35	
17:00	5.48	6.46	7.43	11.39	17.88	0.31	1.33	3.62	0.30	3.71	13.61	19.29	55.49	10.34	
18:00	5.73	6.60	7.46	10.69	15.09	0.27	0.93	3.58	0.30	4.32	13.41	20.01	55.01	10.07	
19:00	5.65	6.32	6.96	9.16	12.45	0.26	0.77	3.58	0.30	3.69	11.89	17.54	54.50	10.34	
20:00	8.20	9.07	9.74	13.01	18.27	0.45	1.50	4.88	0.34	3.44	16.13	21.39	47.75	10.39	
21:00	6.95	7.78	8.60	11.52	15.55	0.24	1.42	4.83	0.32	3.59	19.34	24.82	43.74	10.26	
22:00	6.89	7.80	8.74	11.67	16.05	0.29	1.05	3.84	0.30	3.62	14.72	20.26	45.71	10.36	
23:00	6.39	7.22	7.99	10.76	13.54	0.29	n/a	n/a	0.29	2.98	11.46	16.01	47.69	10.32	
24:00	5.83	6.60	7.39	9.78	12.57	0.37	1.35	4.99	0.30	2.97	11.14	15.68	44.55	10.39	
<b>Min</b>	<b>4.74</b>	<b>5.34</b>	<b>5.95</b>	<b>7.71</b>	<b>9.28</b>	<b>0.20</b>	<b>0.45</b>	<b>2.79</b>	<b>0.29</b>	<b>2.95</b>	<b>8.17</b>	<b>12.92</b>	<b>19.71</b>	<b>10.07</b>	
<b>Max</b>	<b>11.78</b>	<b>13.58</b>	<b>15.54</b>	<b>20.91</b>	<b>29.17</b>	<b>0.75</b>	<b>2.01</b>	<b>4.99</b>	<b>0.36</b>	<b>6.05</b>	<b>25.98</b>	<b>33.34</b>	<b>58.94</b>	<b>10.84</b>	
<b>Medie</b>	<b>7.05</b>	<b>8.04</b>	<b>9.12</b>	<b>11.77</b>	<b>15.30</b>	<b>0.34</b>	<b>1.13</b>	<b>3.60</b>	<b>0.31</b>	<b>3.93</b>	<b>15.00</b>	<b>21.01</b>	<b>42.49</b>	<b>10.47</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)	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
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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