

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
17 Iunie 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	9.01	11.24	13.94	21.11	29.19	0.28	1.90	10.25	0.24	5.27	33.80	41.86	16.31	8.30	*n/a
2:00	9.36	12.30	16.05	25.93	36.28	0.55	2.18	11.85	0.25	5.56	36.09	44.58	11.37	8.63	
3:00	11.15	13.60	16.34	24.96	38.43	0.43	2.08	11.06	0.26	3.91	26.89	32.85	17.24	8.48	
4:00	10.07	12.66	15.77	22.45	30.39	0.46	1.68	10.37	0.25	3.75	18.89	24.62	16.57	8.65	
5:00	7.02	8.90	11.33	15.84	20.74	0.72	2.29	11.10	0.27	3.56	14.30	19.72	19.33	8.41	
6:00	8.41	11.11	14.44	21.18	27.82	0.77	3.30	12.75	0.28	6.01	20.42	29.59	8.95	8.68	
7:00	9.72	12.89	16.77	25.03	34.70	0.73	2.81	11.62	0.32	21.15	25.67	57.98	6.45	8.61	
8:00	11.92	14.30	17.12	23.74	33.80	2.02	6.76	11.74	0.43	22.18	29.49	63.38	10.49	8.89	
9:00	12.79	15.15	17.72	26.07	36.68	0.52	1.87	10.57	0.28	19.56	31.30	61.20	13.71	8.68	
10:00	12.08	14.13	16.36	23.50	31.42	0.27	4.28	10.98	0.25	21.21	32.53	64.93	12.39	8.69	
11:00	10.92	12.61	14.48	19.73	28.14	0.26	1.98	11.65	0.23	6.39	18.63	28.39	33.02	8.42	
12:00	11.19	12.89	14.66	20.33	28.81	0.27	1.71	10.72	0.24	6.72	18.22	28.49	36.05	8.41	
13:00	7.46	9.24	10.84	19.15	34.30	0.26	1.48	12.21	0.21	5.20	13.79	21.73	53.15	8.36	
14:00	4.70	5.85	6.95	11.60	19.40	0.37	1.63	13.31	0.19	3.54	8.89	14.31	64.35	8.28	
15:00	4.62	5.73	6.66	12.07	20.38	0.30	2.36	12.03	0.19	3.39	8.62	13.80	67.54	8.24	
16:00	5.16	6.46	7.61	14.02	25.47	0.48	2.02	13.18	0.20	3.75	9.75	15.49	68.17	8.24	
17:00	4.18	5.72	7.12	15.78	29.64	0.28	1.27	12.43	0.20	4.54	11.81	18.76	64.26	8.01	
18:00	3.39	4.22	4.96	8.75	16.00	0.28	1.20	12.33	0.19	3.68	10.64	16.27	70.73	8.22	
19:00	2.91	3.65	4.32	7.55	11.88	0.43	1.72	12.01	0.19	3.35	11.48	16.59	73.73	7.85	
20:00	3.07	3.86	4.48	8.82	15.66	0.33	1.30	11.27	0.20	3.57	13.81	19.27	69.87	8.03	
21:00	4.65	6.23	7.51	17.09	33.06	0.58	1.79	12.68	0.22	3.62	16.67	22.20	57.33	7.95	
22:00	4.65	6.15	7.37	15.31	27.80	0.52	2.19	11.33	0.23	3.56	19.93	25.37	48.34	7.66	
23:00	9.21	11.38	13.28	22.40	36.79	0.67	2.70	12.34	0.28	3.83	32.55	38.41	33.24	7.64	
24:00	7.51	9.19	11.06	17.27	25.77	0.51	1.68	11.21	0.26	3.69	20.00	25.64	33.26	8.16	
<b>Min</b>	<b>2.91</b>	<b>3.65</b>	<b>4.32</b>	<b>7.55</b>	<b>11.88</b>	<b>0.26</b>	<b>1.20</b>	<b>10.25</b>	<b>0.19</b>	<b>3.35</b>	<b>8.62</b>	<b>13.80</b>	<b>6.45</b>	<b>7.64</b>	
<b>Max</b>	<b>12.79</b>	<b>15.15</b>	<b>17.72</b>	<b>26.07</b>	<b>38.43</b>	<b>2.02</b>	<b>6.76</b>	<b>13.31</b>	<b>0.43</b>	<b>22.18</b>	<b>36.09</b>	<b>64.93</b>	<b>73.73</b>	<b>8.89</b>	
<b>Medie</b>	<b>7.71</b>	<b>9.56</b>	<b>11.55</b>	<b>18.32</b>	<b>28.02</b>	<b>0.51</b>	<b>2.26</b>	<b>11.71</b>	<b>0.24</b>	<b>7.12</b>	<b>20.17</b>	<b>31.06</b>	<b>37.74</b>	<b>8.31</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

\*n/a : analizorul de formaldehida trimis la calibrat