

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
03 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 ehidea
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	12.84	15.26	18.15	24.95	32.96	1.39	1.72	4.00	0.47	5.62	13.59	22.18	6.48	10.76	n/a
2:00	9.21	11.41	14.06	20.21	28.18	1.69	2.38	4.13	0.37	8.90	12.12	25.72	6.36	11.03	
3:00	9.74	12.09	15.06	20.44	27.81	0.58	1.53	4.96	0.34	11.03	12.96	29.81	6.26	11.16	
4:00	8.37	10.68	13.53	20.22	28.44	0.69	1.99	3.09	0.30	8.03	22.23	34.50	5.96	10.82	
5:00	9.94	12.54	15.51	24.26	36.15	1.00	2.09	3.02	0.32	17.73	21.78	48.87	5.88	10.90	
6:00	7.61	10.20	13.29	20.24	29.51	0.57	1.55	2.83	0.28	5.56	11.68	20.18	5.90	10.52	
7:00	6.99	9.69	12.87	22.04	34.64	0.61	2.14	2.88	0.31	22.05	23.45	57.15	5.80	10.67	
8:00	9.25	12.28	15.63	25.35	37.37	0.75	1.70	2.96	0.34	17.80	19.12	46.31	5.84	10.69	
9:00	13.62	16.92	20.26	34.03	54.58	0.73	1.85	3.04	0.32	10.97	22.90	39.65	5.98	10.61	
10:00	14.04	17.19	20.36	33.70	55.69	0.57	3.17	3.94	0.30	22.54	32.22	66.64	6.12	11.46	
11:00	13.63	16.59	19.63	31.53	48.02	0.47	5.09	4.14	0.27	8.64	16.77	29.98	6.10	10.44	
12:00	8.29	10.52	12.94	20.95	36.27	0.62	2.36	2.95	0.27	6.57	7.31	17.34	5.96	9.87	
13:00	4.82	6.22	7.69	13.15	21.50	0.36	1.17	2.83	0.23	5.30	3.38	11.47	5.98	9.69	
14:00	4.71	6.09	7.47	12.82	20.73	0.38	0.93	2.89	0.23	4.74	1.64	8.88	6.04	9.75	
15:00	4.44	5.89	7.39	12.85	23.32	0.32	1.28	3.10	0.22	4.81	1.37	8.71	6.13	9.94	
16:00	3.83	5.26	6.90	11.84	19.38	0.39	n/a	n/a	0.22	4.89	1.27	8.73	6.18	9.80	
17:00	3.79	5.26	6.95	12.41	20.22	0.33	0.90	3.12	0.23	5.07	1.18	8.93	6.17	9.55	
18:00	3.59	5.26	7.05	13.87	24.34	0.32	0.90	3.87	0.22	4.99	2.20	9.83	6.12	9.91	
19:00	3.37	4.85	6.55	12.14	22.55	0.31	0.92	3.95	0.23	4.71	2.80	10.01	6.10	9.96	
20:00	3.93	5.82	7.66	16.68	30.06	0.41	1.10	4.04	0.23	4.58	3.03	10.02	6.02	9.96	
21:00	6.42	9.08	11.59	24.50	45.00	0.71	1.31	4.31	0.27	4.79	13.70	21.02	5.89	10.59	
22:00	9.28	11.99	14.72	26.18	42.40	1.04	2.30	4.34	0.33	5.67	22.27	30.93	5.74	10.13	
23:00	6.96	9.02	11.24	18.03	25.97	0.70	1.80	4.22	0.30	5.46	12.63	20.98	5.79	9.78	
24:00	6.82	8.62	10.62	16.26	22.86	0.53	1.39	4.63	0.29	4.75	5.15	12.41	5.83	9.97	
<b>Min</b>	<b>3.37</b>	<b>4.85</b>	<b>6.55</b>	<b>11.84</b>	<b>19.38</b>	<b>0.31</b>	<b>0.90</b>	<b>2.83</b>	<b>0.22</b>	<b>4.58</b>	<b>1.18</b>	<b>8.71</b>	<b>5.74</b>	<b>9.55</b>	
<b>Max</b>	<b>14.04</b>	<b>17.19</b>	<b>20.36</b>	<b>34.03</b>	<b>55.69</b>	<b>1.69</b>	<b>5.09</b>	<b>4.96</b>	<b>0.47</b>	<b>22.54</b>	<b>32.22</b>	<b>66.64</b>	<b>6.48</b>	<b>11.46</b>	
<b>Medie</b>	<b>7.73</b>	<b>9.95</b>	<b>12.38</b>	<b>20.36</b>	<b>32.00</b>	<b>0.64</b>	<b>1.81</b>	<b>3.62</b>	<b>0.29</b>	<b>8.55</b>	<b>11.95</b>	<b>25.01</b>	<b>6.03</b>	<b>10.33</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)	1
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

n/a : analizorul de formaldehida trimis la calibrat