

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
05 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	7.59	9.54	11.58	18.18	28.53	0.44	1.21	4.45	0.29	4.74	5.09	12.32	6.34	10.82	*n/a
2:00	8.13	10.76	13.42	20.02	28.82	0.99	2.86	5.09	0.29	8.41	21.79	34.62	6.01	10.47	
3:00	9.61	12.32	15.20	21.87	29.76	0.68	2.51	4.97	0.29	12.36	33.78	52.66	5.78	10.49	
4:00	8.49	10.29	12.36	18.09	25.83	0.61	1.75	4.56	0.27	13.34	29.41	49.80	5.78	10.72	
5:00	8.74	10.82	13.12	18.47	25.22	0.61	1.98	4.51	0.26	9.76	25.09	40.01	5.83	10.83	
6:00	8.23	10.34	12.79	19.63	28.40	0.55	1.56	4.19	0.25	8.94	23.16	36.82	5.82	10.68	
7:00	8.40	10.52	13.08	19.28	27.74	0.50	1.46	3.99	0.26	10.77	17.86	34.31	5.90	10.72	
8:00	8.93	11.02	13.20	21.28	32.81	0.73	1.98	3.33	0.28	17.02	17.20	43.20	5.89	10.90	
9:00	11.48	13.72	16.00	22.98	33.02	0.71	1.62	3.28	0.28	10.49	15.33	31.35	5.96	10.80	
10:00	26.43	31.44	35.62	59.81	100.58	0.48	1.78	3.04	0.28	16.57	35.00	60.32	6.24	13.06	
11:00	33.27	38.48	42.87	67.93	110.01	0.38	1.36	3.15	0.26	15.21	39.30	62.56	6.68	16.44	
12:00	14.88	18.85	22.64	41.38	74.72	0.39	1.72	4.09	0.24	13.36	28.52	48.93	6.53	17.03	
13:00	6.91	8.94	11.01	20.11	32.18	0.25	0.95	3.97	0.21	5.09	2.00	9.77	6.42	10.53	
14:00	7.65	9.15	10.75	16.44	23.33	0.26	0.81	3.53	0.21	4.83	1.43	8.82	6.48	10.52	
15:00	7.87	9.35	10.72	17.50	27.74	0.28	0.84	4.50	0.20	4.96	2.27	9.84	6.49	10.66	
16:00	7.60	9.04	10.40	17.00	27.85	0.29	0.84	4.74	0.21	5.37	4.68	12.89	6.56	11.34	
17:00	7.25	8.96	10.72	17.56	29.30	0.29	0.82	4.96	0.20	5.62	7.03	15.63	6.46	12.40	
18:00	5.68	6.98	8.35	13.78	21.62	0.26	0.74	5.26	0.20	5.03	4.14	11.82	6.39	10.63	
19:00	5.47	6.72	7.92	13.65	22.88	0.42	0.82	6.05	0.20	4.68	1.99	9.15	6.48	10.79	
20:00	6.27	7.86	9.42	17.08	29.00	0.31	1.26	5.79	0.21	4.72	3.39	10.60	6.40	10.33	
21:00	8.43	11.05	13.55	26.65	49.72	0.48	1.94	5.98	0.26	4.93	14.18	21.71	6.23	10.57	
22:00	8.22	14.26	18.90	61.05	134.43	0.38	1.09	5.88	0.23	4.53	4.00	10.93	6.47	10.31	
23:00	6.99	9.55	11.98	25.30	47.28	0.37	1.04	5.57	0.22	4.59	0.58	7.61	6.36	10.12	
24:00	7.33	9.15	10.88	18.41	29.29	0.39	1.26	5.66	0.22	4.57	3.29	10.29	6.18	10.36	
<b>Min</b>	<b>5.47</b>	<b>6.72</b>	<b>7.92</b>	<b>13.65</b>	<b>21.62</b>	<b>0.25</b>	<b>0.74</b>	<b>3.04</b>	<b>0.20</b>	<b>4.53</b>	<b>0.58</b>	<b>7.61</b>	<b>5.78</b>	<b>10.12</b>	
<b>Max</b>	<b>33.27</b>	<b>38.48</b>	<b>42.87</b>	<b>67.93</b>	<b>134.43</b>	<b>0.99</b>	<b>2.86</b>	<b>6.05</b>	<b>0.29</b>	<b>17.02</b>	<b>39.30</b>	<b>62.56</b>	<b>6.68</b>	<b>17.03</b>	
<b>Medie</b>	<b>9.99</b>	<b>12.46</b>	<b>14.85</b>	<b>25.56</b>	<b>42.50</b>	<b>0.46</b>	<b>1.43</b>	<b>4.61</b>	<b>0.24</b>	<b>8.33</b>	<b>14.19</b>	<b>26.92</b>	<b>6.24</b>	<b>11.31</b>	

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

Particule in suspensie (PM2,5)	2
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