

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
13 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	9.59	10.86	12.07	16.68	23.04	0.74	2.04	12.35	0.25	3.17	16.67	21.50	47.70	8.79	*n/a
2:00	7.18	8.30	9.46	13.64	19.00	0.40	1.25	11.87	0.22	3.00	9.57	14.16	61.63	8.43	
3:00	7.35	8.39	9.59	12.76	17.04	0.45	1.76	11.32	0.22	3.03	10.72	15.35	52.33	8.30	
4:00	7.23	8.31	9.61	12.68	16.97	0.36	1.20	11.38	0.22	3.00	9.40	13.98	53.49	8.60	
5:00	6.33	7.36	8.40	12.49	20.94	0.34	1.18	11.36	0.21	2.90	6.75	11.20	63.41	8.48	
6:00	6.40	7.16	8.02	9.63	12.93	0.30	0.97	10.20	0.21	3.00	7.10	11.69	66.60	8.59	
7:00	7.61	8.75	10.12	12.61	15.95	0.34	1.03	9.66	0.21	2.90	9.59	14.02	45.93	8.34	
8:00	7.74	8.70	9.78	11.56	13.42	0.30	n/a	n/a	0.21	3.13	8.30	13.08	51.59	8.30	
9:00	6.97	7.89	8.78	12.46	18.63	0.26	0.75	8.26	0.21	3.17	7.88	12.72	56.47	8.44	
10:00	5.29	6.57	7.91	11.57	17.72	0.20	0.80	7.46	0.20	3.27	8.60	13.60	55.36	8.16	
11:00	3.13	4.25	5.40	8.31	11.96	0.54	0.94	8.05	0.24	3.48	11.39	16.70	55.25	8.34	
12:00	1.72	2.42	3.06	5.25	8.72	0.26	0.79	8.14	0.21	3.89	10.06	16.00	60.62	8.35	
13:00	1.83	2.41	2.89	4.97	8.83	0.42	0.68	7.94	0.20	3.24	7.95	12.91	64.58	8.08	
14:00	4.83	5.78	6.49	9.38	13.48	0.21	0.71	8.20	0.21	4.80	14.16	21.49	57.05	10.48	
15:00	3.31	4.10	4.89	7.76	12.15	0.22	0.68	8.37	0.20	3.45	9.24	14.52	55.02	8.17	
16:00	2.16	2.88	3.59	6.85	12.84	0.21	0.64	8.75	0.20	3.77	10.26	16.03	55.19	8.34	
17:00	4.94	6.05	6.97	11.07	18.10	0.20	0.67	8.60	0.20	6.29	17.07	26.68	56.00	12.33	
18:00	4.06	5.25	6.47	10.54	17.97	0.29	0.73	8.36	0.21	4.61	14.70	21.75	60.13	9.67	
19:00	3.47	4.85	6.19	11.92	21.75	0.27	0.67	8.36	0.20	3.74	14.57	20.29	60.35	8.21	
20:00	4.47	5.98	7.39	13.55	25.36	0.21	0.68	8.34	0.21	4.08	18.45	24.67	60.87	9.81	
21:00	9.26	12.32	14.85	25.74	44.93	0.23	0.98	8.48	0.20	6.43	33.54	43.36	50.31	20.88	
22:00	12.83	16.38	19.15	30.99	51.91	0.23	0.97	7.90	0.22	5.11	25.71	33.53	51.29	13.78	
23:00	9.39	12.02	14.17	23.31	36.90	0.37	1.10	8.25	0.23	3.97	23.59	29.64	46.66	9.46	
24:00	8.83	11.19	13.34	22.71	39.59	0.38	1.88	7.70	0.24	3.42	27.16	32.39	32.19	8.85	
<b>Min</b>	<b>1.72</b>	<b>2.41</b>	<b>2.89</b>	<b>4.97</b>	<b>8.72</b>	<b>0.20</b>	<b>0.64</b>	<b>7.46</b>	<b>0.20</b>	<b>2.90</b>	<b>6.75</b>	<b>11.20</b>	<b>32.19</b>	<b>8.08</b>	
<b>Max</b>	<b>12.83</b>	<b>16.38</b>	<b>19.15</b>	<b>30.99</b>	<b>51.91</b>	<b>0.74</b>	<b>2.04</b>	<b>12.35</b>	<b>0.25</b>	<b>6.43</b>	<b>33.54</b>	<b>43.36</b>	<b>66.60</b>	<b>20.88</b>	
<b>Medie</b>	<b>6.08</b>	<b>7.42</b>	<b>8.69</b>	<b>13.27</b>	<b>20.84</b>	<b>0.32</b>	<b>1.00</b>	<b>9.10</b>	<b>0.21</b>	<b>3.79</b>	<b>13.85</b>	<b>19.64</b>	<b>55.00</b>	<b>9.55</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