

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
07 IANUARIE 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	17.23	17.85	18.43	19.45	20.27	3.52	1.89	1.02	0.79	2.93	20.10	24.58	20.30	11.72	*N/A
2:00	16.58	17.36	18.19	19.41	21.48	1.19	1.13	0.96	0.78	3.51	27.87	33.23	8.95	11.26	
3:00	33.79	34.78	35.51	36.31	36.95	3.35	2.46	1.59	0.79	6.97	30.68	41.33	7.96	11.59	
4:00	5.57	5.82	6.04	6.21	6.61	0.52	0.55	0.77	0.77	2.31	8.26	11.80	35.75	11.37	
5:00	4.65	4.95	5.20	5.71	6.48	0.43	0.56	0.69	0.77	3.30	8.97	14.03	38.13	12.03	
6:00	1.61	1.75	1.89	2.05	2.64	0.40	0.52	0.69	0.77	2.77	7.48	11.70	41.80	11.70	
7:00	1.73	2.01	2.33	2.81	3.22	0.39	n/a	n/a	0.77	3.79	14.29	20.07	36.73	17.03	
8:00	2.17	2.39	2.58	3.06	3.77	0.50	0.67	0.63	0.77	2.67	10.53	14.61	39.45	12.81	
9:00	3.74	4.22	4.72	6.15	7.26	0.61	0.63	0.74	0.77	3.25	13.84	18.81	29.97	11.95	
10:00	3.88	4.26	4.66	5.36	6.06	0.58	8.49	5.08	0.77	3.87	13.88	19.81	33.01	11.71	
11:00	4.21	4.57	4.90	5.91	7.23	0.57	1.87	2.58	0.77	3.63	11.70	17.25	35.87	11.96	
12:00	4.59	4.99	5.39	6.19	7.18	0.61	1.69	1.64	0.79	3.97	10.05	16.12	36.79	14.94	
13:00	5.15	5.53	5.85	6.72	8.51	0.47	7.48	2.93	0.84	3.33	8.15	13.25	41.44	17.63	
14:00	6.67	7.16	7.59	8.78	10.78	0.65	12.57	5.13	0.92	3.31	8.80	13.86	39.51	19.83	
15:00	7.25	7.82	8.37	9.66	11.14	0.51	1.55	1.12	0.89	3.22	7.60	12.53	41.48	19.59	
16:00	7.90	8.41	8.86	10.24	12.02	0.58	0.80	0.48	0.80	2.97	7.62	12.15	41.86	20.89	
17:00	7.02	7.47	7.89	8.77	10.22	0.52	0.72	0.53	0.79	3.25	8.12	13.08	42.22	17.67	
18:00	10.27	10.90	11.47	12.89	14.71	0.69	1.12	0.62	0.78	3.15	16.10	20.92	32.08	16.79	
19:00	10.05	10.49	10.92	11.52	12.32	0.61	0.79	0.53	0.78	3.61	14.38	19.89	33.62	19.37	
20:00	9.92	10.36	10.75	11.61	13.64	0.81	0.94	1.18	0.78	3.38	15.71	20.88	31.80	16.07	
21:00	42.95	44.02	44.89	46.54	48.25	8.41	3.50	1.29	0.81	4.68	26.04	33.20	20.98	14.13	
22:00	31.51	32.33	32.96	34.55	36.42	1.92	1.65	0.91	0.80	5.63	24.40	32.99	21.29	16.52	
23:00	35.01	35.95	36.60	38.03	39.67	4.34	2.61	1.01	0.81	6.55	21.85	31.84	17.69	14.46	
24:00	96.71	99.72	102.09	107.11	112.41	12.49	6.10	1.68	0.86	8.11	30.88	43.28	6.09	17.11	
<b>Min</b>	<b>1.61</b>	<b>1.75</b>	<b>1.89</b>	<b>2.05</b>	<b>2.64</b>	<b>0.39</b>	<b>0.52</b>	<b>0.48</b>	<b>0.77</b>	<b>2.31</b>	<b>7.48</b>	<b>11.70</b>	<b>6.09</b>	<b>11.26</b>	
<b>Max</b>	<b>96.71</b>	<b>99.72</b>	<b>102.09</b>	<b>107.11</b>	<b>112.41</b>	<b>12.49</b>	<b>12.57</b>	<b>5.13</b>	<b>0.92</b>	<b>8.11</b>	<b>30.88</b>	<b>43.28</b>	<b>42.22</b>	<b>20.89</b>	
<b>Medie</b>	<b>15.42</b>	<b>16.05</b>	<b>16.59</b>	<b>17.71</b>	<b>19.13</b>	<b>1.86</b>	<b>2.62</b>	<b>1.47</b>	<b>0.80</b>	<b>3.92</b>	<b>15.30</b>	<b>21.30</b>	<b>30.62</b>	<b>15.01</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)	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 lipsa date analizor formaldehida