

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
25 IULIE 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	12.74	14.82	16.75	24.86	38.48	0.61	2.65	9.93	0.30	5.40	44.92	53.17	10.81	9.48	0.005
2:00	12.47	14.27	15.89	22.58	31.83	0.55	2.52	10.01	0.30	6.81	41.05	51.47	6.63	9.40	
3:00	12.35	13.90	15.52	20.03	25.35	0.61	2.71	11.22	0.28	5.89	34.29	43.29	6.87	9.33	
4:00	12.28	13.78	15.33	19.50	24.72	0.42	2.58	12.36	0.27	5.01	28.67	36.32	8.36	9.53	
5:00	12.29	13.63	14.97	18.37	22.00	0.50	n/a	n/a	0.26	6.06	29.48	38.75	6.95	9.58	
6:00	12.30	13.73	15.25	18.67	23.33	0.51	2.62	11.57	0.27	5.19	27.20	35.12	6.97	9.67	
7:00	12.15	14.15	16.44	22.87	31.68	0.65	3.10	12.13	0.26	5.86	19.76	28.70	11.93	9.59	
8:00	12.05	13.84	15.76	21.49	28.38	0.42	1.64	11.16	0.27	14.59	23.81	46.11	14.03	9.50	
9:00	12.82	14.40	16.05	20.72	27.65	0.76	3.75	12.48	0.29	6.85	17.09	27.54	27.19	9.67	
10:00	13.80	15.53	17.17	22.86	31.83	0.38	1.32	11.08	0.26	4.35	12.06	18.70	43.43	9.48	
11:00	18.95	21.13	22.97	29.97	40.82	0.42	1.26	12.43	0.29	3.65	11.48	17.06	61.57	9.84	
12:00	23.82	26.11	27.97	34.76	46.37	0.45	1.44	13.00	0.32	3.39	12.45	17.63	76.72	10.78	
13:00	14.59	15.90	17.09	22.03	29.68	0.42	1.13	12.26	0.26	3.54	9.85	15.27	73.98	10.07	
14:00	13.78	15.02	16.25	20.83	27.22	0.36	1.04	11.86	0.25	3.14	7.56	12.35	77.73	9.84	
15:00	14.15	15.40	16.68	20.64	27.03	0.35	1.05	11.78	0.25	3.28	9.51	14.54	81.75	10.14	
16:00	13.71	14.84	15.88	20.16	26.59	0.35	0.97	11.24	0.26	3.23	8.06	12.99	81.48	9.75	
17:00	13.78	15.20	16.64	22.14	29.55	0.37	1.22	12.51	0.26	3.62	11.90	17.43	83.46	10.25	
18:00	13.49	14.75	15.98	20.44	27.78	0.34	1.10	12.58	0.26	3.14	8.33	13.12	86.79	9.75	
19:00	12.21	13.45	14.69	19.70	27.58	1.15	1.32	12.96	0.26	3.34	9.15	14.25	83.33	9.47	
20:00	14.31	16.13	17.77	24.38	34.12	0.58	1.68	13.73	0.26	3.21	9.07	13.99	80.30	9.55	
21:00	16.34	18.83	20.92	33.96	53.85	0.85	2.35	13.25	0.29	3.30	16.14	21.19	67.47	9.57	
22:00	15.08	17.17	19.16	28.60	41.33	0.42	1.68	11.17	0.29	3.58	19.48	24.94	54.84	9.66	
23:00	18.00	20.38	22.66	32.48	45.74	1.19	3.23	12.05	0.36	3.40	22.51	27.71	51.01	9.77	
24:00	15.90	17.79	19.69	27.23	36.73	0.55	1.93	11.94	0.30	3.26	20.05	25.03	57.21	9.98	
<b>Min</b>	<b>12.05</b>	<b>13.45</b>	<b>14.69</b>	<b>18.37</b>	<b>22.00</b>	<b>0.34</b>	<b>0.97</b>	<b>9.93</b>	<b>0.25</b>	<b>3.14</b>	<b>7.56</b>	<b>12.35</b>	<b>6.63</b>	<b>9.33</b>	
<b>Max</b>	<b>23.82</b>	<b>26.11</b>	<b>27.97</b>	<b>34.76</b>	<b>53.85</b>	<b>1.19</b>	<b>3.75</b>	<b>13.73</b>	<b>0.36</b>	<b>14.59</b>	<b>44.92</b>	<b>53.17</b>	<b>86.79</b>	<b>10.78</b>	
<b>Medie</b>	<b>14.31</b>	<b>16.01</b>	<b>17.65</b>	<b>23.72</b>	<b>32.48</b>	<b>0.55</b>	<b>1.93</b>	<b>11.94</b>	<b>0.28</b>	<b>4.71</b>	<b>18.91</b>	<b>26.11</b>	<b>48.37</b>	<b>9.74</b>	

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

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
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