

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
12 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	12.76	15.97	18.98	35.87	61.28	0.42	2.81	10.24	0.31	4.35	37.47	44.12	19.38	8.97	0.001
2:00	11.61	13.75	15.89	25.44	37.26	0.21	1.76	9.14	0.26	3.75	29.47	35.20	23.07	9.17	
3:00	12.14	14.09	16.08	23.34	31.21	2.14	n/a	n/a	0.24	4.18	36.53	42.91	13.67	9.13	
4:00	11.39	13.04	14.77	21.08	28.56	0.51	1.92	10.98	0.24	4.06	32.43	38.63	13.64	9.08	
5:00	13.57	15.51	17.52	24.21	33.97	0.44	2.22	10.13	0.23	4.09	30.21	36.46	12.86	8.90	
6:00	17.07	20.38	23.70	34.74	50.23	0.81	2.62	9.69	0.28	5.20	26.00	33.94	13.44	9.04	
7:00	13.01	15.41	17.89	27.13	39.03	0.44	2.07	17.65	0.26	10.08	35.57	50.96	11.66	9.07	
8:00	12.92	15.66	18.46	29.95	46.59	0.44	2.09	25.69	0.28	9.13	27.03	40.98	20.73	9.02	
9:00	16.06	18.68	21.12	31.00	44.92	0.48	1.89	10.66	0.26	7.23	24.11	35.15	37.20	9.18	
10:00	12.86	15.61	18.05	32.06	53.86	n/a	1.40	11.01	0.22	4.34	14.27	20.90	51.61	9.11	
11:00	12.60	14.80	16.77	27.85	44.92	n/a	n/a	n/a	0.22	3.80	12.22	18.02	62.65	9.11	
12:00	11.98	13.95	15.99	24.78	39.78	0.19	0.99	10.01	0.22	3.52	9.78	15.16	68.91	9.20	
13:00	11.89	13.77	15.59	24.63	41.45	1.61	1.09	10.50	0.22	3.25	8.93	13.89	68.77	9.05	
14:00	10.60	11.96	13.27	19.21	28.53	n/a	0.83	10.60	0.21	3.16	7.92	12.75	75.37	9.06	
15:00	10.41	11.76	13.14	18.58	26.76	n/a	0.80	n/a	0.21	3.06	7.95	12.63	78.07	9.04	
16:00	10.08	11.67	13.17	20.54	33.41	n/a	1.19	n/a	0.22	4.46	11.17	17.99	77.04	9.04	
17:00	9.74	11.20	12.51	19.67	29.99	n/a	1.14	n/a	0.21	3.51	9.45	14.81	82.79	9.17	
18:00	8.56	9.88	11.27	16.82	26.41	0.19	1.21	n/a	0.21	3.29	8.53	13.55	80.36	8.86	
19:00	13.55	15.49	16.84	25.38	38.94	0.26	1.51	14.43	0.23	3.82	11.05	16.90	78.45	8.93	
20:00	10.24	12.08	13.59	22.09	35.09	0.37	n/a	n/a	0.22	3.46	11.29	16.58	79.14	8.94	
21:00	9.06	12.00	14.55	32.39	61.50	0.22	1.97	11.24	0.24	3.41	17.82	23.03	66.90	9.04	
22:00	8.98	11.65	14.17	28.25	48.13	0.17	1.79	10.28	0.24	3.60	20.24	25.75	55.34	9.08	
23:00	12.93	17.23	21.07	44.68	79.38	1.20	n/a	n/a	0.30	3.48	32.11	37.44	41.04	9.33	
24:00	14.13	18.48	22.60	43.16	72.63	0.47	2.68	10.42	0.28	5.31	61.22	69.34	13.47	9.13	
<b>Min</b>	<b>8.56</b>	<b>9.88</b>	<b>11.27</b>	<b>16.82</b>	<b>26.41</b>	<b>0.17</b>	<b>0.80</b>	<b>9.14</b>	<b>0.21</b>	<b>3.06</b>	<b>7.92</b>	<b>12.63</b>	<b>11.66</b>	<b>8.86</b>	
<b>Max</b>	<b>17.07</b>	<b>20.38</b>	<b>23.70</b>	<b>44.68</b>	<b>79.38</b>	<b>2.14</b>	<b>2.81</b>	<b>25.69</b>	<b>0.31</b>	<b>10.08</b>	<b>61.22</b>	<b>69.34</b>	<b>82.79</b>	<b>9.33</b>	
<b>Medie</b>	<b>12.01</b>	<b>14.33</b>	<b>16.54</b>	<b>27.20</b>	<b>43.08</b>	<b>0.59</b>	<b>1.70</b>	<b>12.04</b>	<b>0.24</b>	<b>4.48</b>	<b>21.78</b>	<b>28.63</b>	<b>47.73</b>	<b>9.07</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