

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
15 NOIEMBRIE 2021**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE - Aleea Lac, fn**

**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	82.50	84.97	86.54	89.92	93.33	7.42	3.64	1.00	1.46	41.77	30.47	94.30	17.17	5.51	0.007
2:00	71.58	73.94	75.37	78.29	83.08	5.56	2.82	0.95	1.22	24.51	25.92	63.38	16.82	4.73	
3:00	54.04	55.82	56.89	59.48	62.76	4.06	2.46	n/a	1.12	43.84	23.77	90.77	16.79	4.84	
4:00	53.77	56.07	57.63	60.63	63.95	4.36	2.64	n/a	1.09	26.40	21.89	62.22	16.89	4.49	
5:00	75.90	79.78	82.18	88.69	97.21	6.51	4.32	1.11	1.33	43.94	19.53	86.67	17.00	4.75	
6:00	61.25	63.53	64.51	67.36	70.98	5.44	3.81	1.02	1.13	38.04	24.48	82.60	16.91	4.49	
7:00	46.15	47.73	48.45	49.34	50.11	2.38	1.67	n/a	0.83	30.20	20.07	66.21	16.50	4.28	
8:00	33.81	34.81	35.28	35.71	36.31	2.13	1.50	n/a	0.72	20.74	23.49	55.20	16.68	4.10	
9:00	35.63	36.83	37.62	39.15	41.92	2.73	1.83	n/a	0.81	29.18	27.91	72.50	16.94	4.42	
10:00	44.41	45.75	46.42	47.94	50.58	5.62	2.38	n/a	0.91	34.64	26.36	79.28	17.49	4.45	
11:00	60.02	62.62	63.89	66.30	69.76	5.67	3.21	1.00	1.10	26.60	24.54	65.19	19.37	4.45	
12:00	76.58	81.84	84.58	92.96	106.91	5.23	3.12	1.02	1.20	31.85	30.37	79.04	22.68	5.20	
13:00	77.77	84.00	88.52	103.24	126.87	4.74	3.98	1.57	1.15	34.65	43.42	96.36	27.07	5.38	
14:00	46.84	50.41	53.10	61.68	73.24	2.43	2.72	1.22	0.74	16.27	34.65	59.50	38.05	3.86	
15:00	20.81	22.55	23.90	28.16	33.32	1.05	1.28	0.63	0.54	5.86	17.20	26.16	53.69	3.16	
16:00	17.33	18.63	19.68	22.65	27.92	1.29	2.01	n/a	0.55	3.85	14.08	19.96	55.72	3.47	
17:00	23.87	27.05	30.06	38.62	50.11	1.99	2.42	1.13	0.65	7.42	30.84	42.18	44.70	4.18	
18:00	45.16	49.52	53.54	68.97	88.17	5.84	6.50	2.14	1.04	25.60	57.47	96.59	29.16	5.29	
19:00	124.95	133.77	139.56	161.76	192.38	13.09	8.82	3.13	1.65	21.92	57.15	90.63	19.50	5.16	
20:00	178.93	187.89	194.48	213.99	241.93	23.12	8.20	2.17	1.97	23.06	50.71	85.94	18.97	4.71	
21:00	118.86	125.62	130.69	144.71	161.87	6.50	3.92	1.57	1.34	40.63	50.36	112.44	16.96	4.32	
22:00	71.99	75.65	78.02	85.37	95.58	9.42	4.30	1.20	1.18	24.37	43.57	80.80	17.24	4.78	
23:00	72.10	75.52	77.98	83.41	91.88	5.73	n/a	n/a	1.49	72.39	42.31	152.93	17.29	6.43	
24:00	99.52	103.79	106.43	112.34	119.29	5.43	3.53	0.96	1.45	72.40	36.81	147.43	17.05	5.76	
<b>Min</b>	<b>17.33</b>	<b>18.63</b>	<b>19.68</b>	<b>22.65</b>	<b>27.92</b>	<b>1.05</b>	<b>1.28</b>	<b>0.63</b>	<b>0.54</b>	<b>3.85</b>	<b>14.08</b>	<b>19.96</b>	<b>16.50</b>	<b>3.16</b>	
<b>Max</b>	<b>178.93</b>	<b>187.89</b>	<b>194.48</b>	<b>213.99</b>	<b>241.93</b>	<b>23.12</b>	<b>8.82</b>	<b>3.13</b>	<b>1.97</b>	<b>72.40</b>	<b>57.47</b>	<b>152.93</b>	<b>55.72</b>	<b>6.43</b>	
<b>Medie</b>	<b>66.41</b>	<b>69.92</b>	<b>72.31</b>	<b>79.19</b>	<b>88.73</b>	<b>5.74</b>	<b>3.52</b>	<b>1.36</b>	<b>1.11</b>	<b>30.84</b>	<b>32.39</b>	<b>79.51</b>	<b>23.61</b>	<b>4.68</b>	

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

Particule in suspensie (PM2,5)	5
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	4

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	5
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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