

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
25 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	75.23	78.46	80.59	85.81	91.11	5.87	3.99	1.21	1.26	50.56	30.93	108.19	16.66	5.06	0.006
2:00	58.42	61.07	62.85	66.46	70.19	5.10	3.57	0.88	1.07	87.87	29.80	164.05	16.46	5.71	
3:00	50.34	52.44	53.92	57.43	60.90	3.60	2.78	0.73	1.00	61.72	27.03	121.33	16.42	5.14	
4:00	55.76	58.86	60.88	65.61	71.66	3.47	2.66	n/a	0.96	32.22	24.55	73.78	16.46	4.37	
5:00	42.76	44.70	45.96	48.67	51.97	2.99	2.19	n/a	0.87	44.85	22.93	91.47	16.36	4.73	
6:00	39.82	41.59	42.60	45.74	48.41	2.68	2.24	n/a	0.82	40.98	21.91	84.52	16.40	4.46	
7:00	39.42	41.31	42.57	45.22	47.73	2.55	1.88	n/a	0.82	53.01	22.20	103.20	16.39	4.60	
8:00	41.17	43.11	44.26	46.27	49.54	2.90	1.86	n/a	0.81	33.62	23.52	74.90	16.43	4.20	
9:00	40.43	42.07	42.93	44.54	46.46	3.70	2.54	n/a	0.76	30.27	25.01	71.27	16.50	4.23	
10:00	34.84	36.34	37.15	40.05	43.63	2.24	1.66	n/a	0.71	39.27	25.87	85.88	16.74	4.15	
11:00	43.91	45.80	46.70	48.92	51.40	2.97	2.18	n/a	0.83	33.69	24.23	75.71	17.82	4.16	
12:00	45.56	47.82	49.13	52.45	56.51	3.69	2.54	n/a	0.86	37.49	26.03	83.32	18.44	4.46	
13:00	40.80	43.40	45.13	48.71	53.84	2.68	2.63	n/a	0.75	28.62	24.57	68.32	20.16	4.31	
14:00	63.06	67.82	70.17	74.14	79.89	5.01	3.84	1.13	0.93	27.61	29.65	71.83	21.49	4.27	
15:00	81.00	88.13	92.12	104.24	124.20	7.60	n/a	n/a	1.03	35.93	41.03	95.93	21.58	4.83	
16:00	59.25	64.16	67.16	74.70	84.49	2.37	6.87	4.85	0.79	36.56	39.05	94.92	20.24	4.96	
17:00	43.74	46.54	48.28	52.91	61.28	2.94	3.14	1.08	0.78	26.78	37.05	77.96	19.49	4.52	
18:00	41.94	44.14	45.63	50.72	59.00	3.73	3.61	1.33	0.83	23.07	40.50	75.76	17.56	4.26	
19:00	41.74	43.22	44.22	46.47	48.76	4.09	3.90	0.96	0.93	25.40	42.32	81.12	16.82	4.18	
20:00	62.15	64.77	65.95	67.63	69.80	5.96	5.82	1.86	1.13	45.32	44.00	113.26	16.97	4.75	
21:00	78.32	81.67	83.33	84.41	85.26	9.58	7.45	1.89	1.46	58.89	44.77	134.75	17.16	5.00	
22:00	112.41	117.76	119.80	120.74	121.90	8.45	8.09	2.17	1.70	61.63	41.92	136.09	17.31	5.02	
23:00	64.24	66.69	67.67	68.91	70.93	8.62	7.68	1.88	1.22	60.68	43.28	136.01	16.92	4.96	
24:00	88.81	92.13	93.25	93.63	94.34	9.92	7.79	1.97	1.54	73.24	40.98	152.88	17.07	5.12	
<b>Min</b>	<b>34.84</b>	<b>36.34</b>	<b>37.15</b>	<b>40.05</b>	<b>43.63</b>	<b>2.24</b>	<b>1.66</b>	<b>0.73</b>	<b>0.71</b>	<b>23.07</b>	<b>21.91</b>	<b>68.32</b>	<b>16.36</b>	<b>4.15</b>	
<b>Max</b>	<b>112.41</b>	<b>117.76</b>	<b>119.80</b>	<b>120.74</b>	<b>124.20</b>	<b>9.92</b>	<b>8.09</b>	<b>4.85</b>	<b>1.70</b>	<b>87.87</b>	<b>44.77</b>	<b>164.05</b>	<b>21.58</b>	<b>5.71</b>	
<b>Medie</b>	<b>56.05</b>	<b>58.92</b>	<b>60.51</b>	<b>63.93</b>	<b>68.47</b>	<b>4.70</b>	<b>3.95</b>	<b>1.69</b>	<b>0.99</b>	<b>43.72</b>	<b>32.21</b>	<b>99.02</b>	<b>17.66</b>	<b>4.64</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)	1
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