

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
03 MARTIE 2022**



**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	74.90	80.26	83.85	91.57	102.19	6.92	4.30	1.12	1.60	2.63	43.58	47.60	34.62	6.55	0.005
2:00	96.91	105.92	112.19	122.02	136.42	12.34	7.45	1.69	1.67	7.12	58.35	69.22	22.76	6.15	
3:00	38.80	42.09	44.45	49.49	56.55	1.41	1.93	0.76	0.96	2.84	46.73	51.07	27.34	5.97	
4:00	25.88	27.28	28.22	30.62	34.25	1.11	1.19	0.57	0.91	1.54	21.42	23.77	47.87	5.82	
5:00	22.56	23.70	24.39	27.22	30.87	1.12	1.11	0.57	0.85	1.10	13.46	15.14	56.46	5.86	
6:00	24.80	26.62	28.11	33.23	41.18	1.15	1.09	0.54	0.89	1.64	31.70	34.21	41.28	7.06	
7:00	29.96	31.70	33.00	37.29	43.97	1.50	1.46	0.61	0.95	2.29	31.36	34.87	34.04	6.16	
8:00	31.49	33.84	35.83	43.23	54.24	1.66	2.01	0.55	1.08	9.04	60.15	73.96	23.16	6.03	
9:00	51.77	55.69	58.39	69.32	83.33	8.31	4.67	0.97	1.41	43.02	87.15	152.89	17.70	6.41	
10:00	49.66	54.67	58.55	73.33	93.02	3.34	4.37	1.04	1.27	47.85	88.86	161.97	19.54	6.59	
11:00	25.48	27.79	29.96	37.42	50.37	1.48	1.65	0.78	0.92	9.31	29.67	43.88	51.64	5.35	
12:00	10.60	11.50	12.38	15.03	20.76	0.87	0.92	0.36	0.79	2.00	10.37	13.44	68.23	5.16	
13:00	8.44	9.46	10.29	14.26	21.73	0.63	0.67	0.48	0.76	1.62	8.12	10.59	74.44	4.56	
14:00	6.70	7.71	8.60	12.50	19.43	0.64	1.04	0.44	0.74	1.45	7.79	10.01	78.28	4.20	
15:00	5.86	6.87	7.80	11.48	16.21	0.53	0.69	0.46	0.74	1.61	8.98	11.43	78.70	4.43	
16:00	6.26	7.37	8.32	13.08	23.10	0.51	0.68	0.53	0.74	1.48	8.32	10.59	79.01	4.78	
17:00	7.66	8.87	9.89	14.92	24.57	0.72	0.90	0.62	0.76	1.50	9.64	11.92	77.92	4.78	
18:00	9.83	11.61	12.97	22.65	37.05	0.72	0.76	n/a	0.78	1.50	12.76	15.05	74.70	4.89	
19:00	13.42	15.09	16.38	23.17	35.23	1.83	1.24	0.57	0.85	1.48	15.07	17.33	69.93	4.86	
20:00	16.20	18.04	19.43	25.23	33.44	1.25	1.07	0.43	0.88	1.40	24.66	26.79	62.85	4.76	
21:00	16.12	17.42	18.58	22.40	28.40	1.01	0.95	0.59	0.95	1.67	25.00	27.55	61.05	4.57	
22:00	13.56	14.43	15.09	17.15	20.51	0.63	0.67	0.55	0.82	1.18	17.64	19.44	66.95	4.30	
23:00	33.94	35.62	36.63	40.20	45.74	3.53	2.19	0.86	1.21	2.20	34.75	38.12	48.04	5.20	
24:00	32.24	33.78	34.95	38.24	43.26	1.53	n/a	n/a	1.08	1.98	36.34	39.37	45.77	5.65	
<b>Min</b>	<b>5.86</b>	<b>6.87</b>	<b>7.80</b>	<b>11.48</b>	<b>16.21</b>	<b>0.51</b>	<b>0.67</b>	<b>0.36</b>	<b>0.74</b>	<b>1.10</b>	<b>7.79</b>	<b>10.01</b>	<b>17.70</b>	<b>4.20</b>	
<b>Max</b>	<b>96.91</b>	<b>105.92</b>	<b>112.19</b>	<b>122.02</b>	<b>136.42</b>	<b>12.34</b>	<b>7.45</b>	<b>1.69</b>	<b>1.67</b>	<b>47.85</b>	<b>88.86</b>	<b>161.97</b>	<b>79.01</b>	<b>7.06</b>	
<b>Medie</b>	<b>27.21</b>	<b>29.47</b>	<b>31.18</b>	<b>36.88</b>	<b>45.66</b>	<b>2.28</b>	<b>1.87</b>	<b>0.68</b>	<b>0.98</b>	<b>6.23</b>	<b>30.49</b>	<b>40.01</b>	<b>52.60</b>	<b>5.42</b>	

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

Particule in suspensie (PM2,5)	4
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	4
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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