

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
24 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	49.92	52.38	53.87	57.32	61.34	2.73	3.07	1.59	0.91	22.48	32.92	67.27	18.45	3.36	0.007
2:00	22.21	23.57	24.33	25.94	27.94	1.44	2.11	0.82	0.62	2.72	24.75	28.91	28.53	2.92	
3:00	18.74	19.94	20.72	22.30	23.93	0.95	1.48	1.27	0.56	2.53	25.21	29.06	28.84	3.05	
4:00	20.22	21.22	21.95	23.75	26.16	1.20	1.33	0.00	0.63	11.68	37.69	55.52	16.74	3.10	
5:00	27.51	28.68	29.47	31.54	33.97	2.29	2.49	0.96	0.74	4.69	26.18	33.35	22.64	3.28	
6:00	32.14	33.94	35.10	38.94	43.97	2.78	2.36	0.83	0.83	6.49	19.39	29.32	19.04	4.30	
7:00	32.69	34.45	35.83	39.42	44.82	2.21	2.27	0.69	0.89	7.64	23.19	34.86	17.54	5.59	
8:00	49.26	52.16	54.00	61.60	73.10	9.18	4.55	1.10	1.09	12.84	24.66	44.27	17.59	4.46	
9:00	66.30	70.40	73.70	85.68	102.75	8.22	5.30	1.41	1.32	41.69	29.48	93.18	16.83	5.18	
10:00	85.65	93.67	100.93	133.13	183.57	18.87	n/a	n/a	1.53	126.86	45.14	238.98	17.36	6.68	
11:00	36.72	41.50	45.72	65.99	100.38	2.38	8.84	3.38	0.79	47.65	34.60	107.41	18.94	5.32	
12:00	28.40	31.77	34.66	44.19	56.99	1.79	3.35	2.49	0.66	37.92	29.62	87.55	21.63	5.61	
13:00	27.17	30.50	33.38	43.72	58.13	1.60	2.66	1.72	0.62	24.56	28.26	65.79	26.78	5.49	
14:00	23.83	26.99	29.93	40.64	55.66	1.45	3.88	1.78	0.59	13.24	22.40	42.64	33.30	4.26	
15:00	21.90	23.63	25.07	29.67	36.70	1.22	2.69	1.77	0.57	6.85	15.72	26.19	39.49	3.79	
16:00	21.35	23.02	24.37	28.32	34.15	1.20	2.89	1.13	0.58	5.82	14.39	23.28	39.47	3.98	
17:00	22.40	24.34	26.07	31.40	38.52	1.39	2.23	3.35	0.59	5.85	20.00	28.93	36.37	4.01	
18:00	35.16	39.37	43.12	55.73	74.08	3.25	3.53	1.70	0.75	16.13	45.16	69.80	22.49	4.56	
19:00	53.72	59.97	65.63	85.70	112.80	3.99	4.80	2.81	1.12	43.31	48.72	114.90	16.55	4.30	
20:00	144.07	154.32	161.23	189.14	233.04	20.31	10.18	2.88	2.26	57.97	42.64	131.21	17.62	5.44	
21:00	187.68	199.27	206.52	226.24	254.69	10.76	7.54	2.52	2.31	84.62	42.32	171.64	17.56	6.31	
22:00	142.29	150.55	156.47	172.91	197.28	21.93	13.14	3.35	2.63	92.99	38.85	180.93	17.88	6.88	
23:00	165.12	174.33	181.05	194.12	209.14	6.84	4.66	1.73	1.82	84.28	34.97	163.75	16.98	6.74	
24:00	92.78	96.53	98.97	105.49	113.78	10.10	5.25	1.53	1.52	49.41	31.53	107.02	16.72	5.27	
<b>Min</b>	<b>18.74</b>	<b>19.94</b>	<b>20.72</b>	<b>22.30</b>	<b>23.93</b>	<b>0.95</b>	<b>1.33</b>	<b>0.00</b>	<b>0.56</b>	<b>2.53</b>	<b>14.39</b>	<b>23.28</b>	<b>16.55</b>	<b>2.92</b>	
<b>Max</b>	<b>187.68</b>	<b>199.27</b>	<b>206.52</b>	<b>226.24</b>	<b>254.69</b>	<b>21.93</b>	<b>13.14</b>	<b>3.38</b>	<b>2.63</b>	<b>126.86</b>	<b>48.72</b>	<b>238.98</b>	<b>39.49</b>	<b>6.88</b>	
<b>Medie</b>	<b>58.63</b>	<b>62.77</b>	<b>65.92</b>	<b>76.37</b>	<b>91.54</b>	<b>5.75</b>	<b>4.37</b>	<b>1.77</b>	<b>1.08</b>	<b>33.76</b>	<b>30.74</b>	<b>82.32</b>	<b>22.72</b>	<b>4.75</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