

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
29 DECEMBRIE 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	24.51	25.26	25.69	27.13	28.91	2.81	1.62	n/a	1.03	4.94	12.56	20.10	23.30	5.47	0.005
2:00	34.45	35.43	35.86	37.29	38.94	2.36	1.67	n/a	1.16	7.80	14.80	26.72	16.74	4.85	
3:00	49.71	50.82	51.28	52.99	55.80	4.84	2.80	0.86	1.47	10.47	16.23	32.24	17.20	4.73	
4:00	24.18	24.72	25.12	25.79	26.43	1.61	1.26	n/a	0.97	11.67	16.75	34.58	17.75	4.55	
5:00	22.40	22.97	23.36	24.07	24.63	1.86	1.39	n/a	0.96	11.21	16.24	33.37	18.94	4.43	
6:00	21.69	22.20	22.58	23.19	24.10	1.49	0.97	n/a	0.91	11.26	15.99	33.20	21.49	4.33	
7:00	20.56	20.98	21.22	22.13	23.38	1.62	0.98	n/a	0.91	9.58	14.57	29.21	26.07	4.44	
8:00	26.14	26.93	27.48	29.56	32.43	1.88	1.44	n/a	0.98	8.39	13.13	25.94	22.05	4.47	
9:00	33.39	34.29	34.92	37.13	40.16	4.49	2.91	0.92	1.27	8.88	14.14	27.72	17.44	4.15	
10:00	70.86	72.97	74.38	79.55	86.10	9.52	4.43	1.05	1.91	11.39	15.61	33.03	18.02	4.60	
11:00	56.64	58.66	59.95	65.02	73.12	4.46	3.12	0.96	1.54	14.15	17.34	38.96	18.28	4.67	
12:00	53.43	55.16	56.24	60.64	67.90	3.41	2.34	n/a	1.35	16.61	18.64	44.03	24.22	4.54	
13:00	36.51	38.05	39.04	43.19	48.86	3.10	1.96	n/a	1.14	14.81	17.48	40.12	29.47	4.48	
14:00	32.87	34.51	35.74	40.44	47.48	2.31	2.44	0.89	1.02	12.95	16.77	36.56	29.59	3.87	
15:00	27.33	28.79	29.92	33.82	39.29	2.23	2.35	1.91	0.98	9.32	19.26	33.51	27.70	3.25	
16:00	32.00	34.00	35.40	41.16	48.47	2.46	4.05	1.88	1.06	5.58	20.16	28.69	25.66	3.14	
17:00	43.26	45.79	47.48	53.98	63.63	4.31	4.20	1.15	1.34	6.47	17.05	26.94	19.71	3.43	
18:00	25.11	26.21	26.95	28.34	29.79	1.13	1.23	n/a	0.91	7.11	15.14	26.00	36.32	3.75	
19:00	11.33	11.86	12.28	12.66	12.95	1.28	1.04	n/a	0.78	6.06	13.46	22.73	41.50	3.69	
20:00	6.87	7.14	7.37	7.63	8.04	1.04	0.73	n/a	0.75	4.86	12.68	20.11	46.37	4.73	
21:00	7.87	8.13	8.35	8.58	8.79	1.08	n/a	n/a	0.78	4.03	11.87	18.02	42.34	4.77	
22:00	7.23	7.48	7.67	7.93	8.19	1.09	0.77	n/a	0.79	3.67	10.82	16.42	41.29	4.44	
23:00	6.01	6.25	6.45	6.69	7.41	1.35	0.74	n/a	0.81	3.39	9.92	15.09	39.70	4.16	
24:00	4.99	5.15	5.23	5.68	6.40	1.12	0.70	n/a	0.79	3.54	9.08	14.49	39.98	3.96	
<b>Min</b>	<b>4.99</b>	<b>5.15</b>	<b>5.23</b>	<b>5.68</b>	<b>6.40</b>	<b>1.04</b>	<b>0.70</b>	<b>0.86</b>	<b>0.75</b>	<b>3.39</b>	<b>9.08</b>	<b>14.49</b>	<b>16.74</b>	<b>3.14</b>	
<b>Max</b>	<b>70.86</b>	<b>72.97</b>	<b>74.38</b>	<b>79.55</b>	<b>86.10</b>	<b>9.52</b>	<b>4.43</b>	<b>1.91</b>	<b>1.91</b>	<b>16.61</b>	<b>20.16</b>	<b>44.03</b>	<b>46.37</b>	<b>5.47</b>	
<b>Medie</b>	<b>28.30</b>	<b>29.32</b>	<b>30.00</b>	<b>32.27</b>	<b>35.47</b>	<b>2.62</b>	<b>1.96</b>	<b>1.20</b>	<b>1.07</b>	<b>8.67</b>	<b>14.99</b>	<b>28.24</b>	<b>27.55</b>	<b>4.29</b>	

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

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