

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
06 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	68.67	71.33	72.58	74.80	78.51	n/a	n/a	n/a	1.13	40.17	29.48	90.87	16.75	5.37	0.005
2:00	54.30	56.40	57.52	59.92	62.87	n/a	n/a	n/a	0.94	42.10	27.57	91.90	16.40	5.13	
3:00	50.57	52.46	53.53	55.47	57.44	n/a	n/a	n/a	0.91	33.87	26.14	77.88	16.53	4.96	
4:00	48.01	49.76	50.72	52.37	54.68	n/a	n/a	n/a	0.85	31.35	24.78	72.68	16.53	4.71	
5:00	46.02	47.81	48.82	50.34	52.37	n/a	n/a	n/a	0.87	21.34	24.46	57.05	16.61	4.52	
6:00	42.48	44.09	44.93	47.03	49.63	n/a	n/a	n/a	0.82	16.77	22.34	47.97	16.85	4.44	
7:00	46.94	48.62	49.57	50.69	51.68	n/a	n/a	n/a	0.88	22.28	23.94	57.98	16.79	4.57	
8:00	46.23	48.14	49.34	50.88	52.58	n/a	n/a	n/a	0.86	43.31	27.09	93.25	16.55	4.91	
9:00	57.24	59.47	60.97	62.91	65.29	n/a	n/a	n/a	1.02	36.54	27.80	83.63	16.71	5.25	
10:00	49.74	51.92	53.62	55.73	58.51	n/a	n/a	n/a	1.00	60.02	31.02	122.73	16.71	5.59	
11:00	55.45	58.17	59.98	62.34	64.90	n/a	n/a	n/a	1.00	41.88	30.83	94.81	17.48	5.38	
12:00	52.77	55.58	57.63	60.29	63.55	n/a	n/a	n/a	0.95	48.88	32.66	107.35	17.87	5.33	
13:00	60.22	63.71	66.21	70.29	76.69	n/a	n/a	n/a	0.96	55.36	41.26	125.85	17.94	5.56	
14:00	50.69	54.26	57.01	64.37	75.68	n/a	n/a	n/a	0.81	39.29	40.75	100.78	19.44	5.60	
15:00	44.00	46.31	47.66	49.83	52.56	n/a	n/a	n/a	0.80	19.15	27.24	56.50	21.28	4.77	
16:00	51.09	54.10	55.97	59.32	65.68	n/a	n/a	n/a	0.86	20.19	30.02	60.87	19.18	4.55	
17:00	55.00	58.43	60.81	67.74	78.65	n/a	n/a	n/a	0.97	34.38	36.75	89.28	17.10	4.30	
18:00	56.69	59.73	61.91	64.79	68.97	n/a	n/a	n/a	1.06	48.16	40.96	114.54	16.73	4.53	
19:00	66.42	69.85	71.92	74.08	76.73	n/a	n/a	n/a	1.25	64.42	41.55	139.98	16.94	4.79	
20:00	23.16	24.13	24.61	25.40	26.25	n/a	n/a	n/a	0.73	6.51	24.67	34.62	25.94	5.12	
21:00	10.39	10.69	10.87	11.24	11.60	n/a	n/a	n/a	0.66	3.31	16.01	21.08	31.12	5.33	
22:00	9.36	9.63	9.80	10.15	10.37	n/a	n/a	n/a	0.67	2.72	14.81	18.97	30.88	5.55	
23:00	10.27	10.58	10.76	11.26	12.20	n/a	n/a	n/a	0.67	2.71	14.22	18.37	31.02	5.60	
24:00	7.30	7.55	7.71	8.03	8.52	n/a	n/a	n/a	0.65	2.42	11.55	15.25	33.44	6.00	
<b>Min</b>	<b>7.30</b>	<b>7.55</b>	<b>7.71</b>	<b>8.03</b>	<b>8.52</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.65</b>	<b>2.42</b>	<b>11.55</b>	<b>15.25</b>	<b>16.40</b>	<b>4.30</b>	
<b>Max</b>	<b>68.67</b>	<b>71.33</b>	<b>72.58</b>	<b>74.80</b>	<b>78.65</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.25</b>	<b>64.42</b>	<b>41.55</b>	<b>139.98</b>	<b>33.44</b>	<b>6.00</b>	
<b>Medie</b>	<b>44.29</b>	<b>46.36</b>	<b>47.69</b>	<b>49.97</b>	<b>53.16</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>0.89</b>	<b>30.71</b>	<b>27.83</b>	<b>74.76</b>	<b>20.12</b>	<b>5.08</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)	1
Particule in suspensie (PM10)	3

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

n/a- lipsa gaz purtator