

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
21 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	8.35	8.92	9.34	10.32	11.53	0.51	n/a	n/a	0.64	2.08	6.87	10.06	54.63	3.15	0.004
2:00	7.47	7.94	8.28	9.33	11.42	0.43	n/a	n/a	0.64	2.03	6.73	9.83	53.05	2.79	
3:00	7.24	7.63	7.90	8.32	8.63	0.54	n/a	n/a	0.63	2.02	6.50	9.59	50.57	2.44	
4:00	7.43	7.78	8.04	8.44	9.02	0.46	n/a	n/a	0.64	2.00	6.57	9.64	49.76	2.45	
5:00	9.30	9.74	10.07	10.57	11.12	0.49	n/a	n/a	0.65	2.04	6.75	9.88	45.53	2.66	
6:00	9.88	10.32	10.64	11.01	11.32	0.49	n/a	n/a	0.65	2.05	6.68	9.83	44.51	2.74	
7:00	10.21	10.67	10.96	11.41	11.86	0.48	n/a	n/a	0.67	1.97	7.21	10.22	42.62	2.72	
8:00	10.34	10.76	11.06	11.88	12.77	0.72	n/a	n/a	0.70	2.13	7.48	10.73	40.54	2.56	
9:00	11.28	11.72	11.99	13.06	14.43	1.36	1.06	n/a	0.76	2.21	8.09	11.47	41.37	2.75	
10:00	8.51	9.54	10.38	15.02	23.43	0.60	n/a	n/a	0.68	2.42	9.56	13.26	48.66	2.50	
11:00	15.53	16.93	18.04	23.08	30.90	1.45	0.93	n/a	0.84	2.33	10.91	14.47	50.26	2.72	
12:00	14.33	15.97	17.50	23.61	34.75	0.73	1.14	n/a	0.73	2.29	10.96	14.46	53.71	3.08	
13:00	4.91	5.77	6.51	10.22	16.16	0.38	n/a	n/a	0.61	2.33	10.68	14.26	62.41	2.96	
14:00	3.61	4.21	4.66	7.26	11.89	0.35	0.61	n/a	0.60	2.31	8.61	12.15	64.82	2.78	
15:00	3.89	4.58	4.98	8.80	15.91	0.38	n/a	n/a	0.61	2.16	7.65	10.95	65.55	3.10	
16:00	3.99	4.72	5.20	9.15	16.67	0.69	0.81	n/a	0.63	2.04	7.36	10.48	64.58	3.03	
17:00	5.52	6.21	6.68	9.31	13.41	0.56	n/a	n/a	0.66	2.00	7.10	10.16	63.93	2.94	
18:00	9.19	10.27	11.04	15.48	22.86	1.04	0.84	n/a	0.76	1.85	7.59	10.41	57.12	3.10	
19:00	14.08	15.40	16.30	22.04	32.22	2.03	1.07	n/a	0.97	1.99	9.91	12.95	46.34	3.05	
20:00	12.77	13.75	14.43	16.35	19.35	1.53	1.20	n/a	0.81	2.00	10.82	13.87	52.02	3.22	
21:00	13.50	14.35	14.97	17.12	20.25	1.58	1.03	n/a	0.83	2.00	10.88	13.93	53.19	3.37	
22:00	11.27	11.96	12.37	14.20	17.11	0.80	0.70	n/a	0.77	1.96	9.86	12.85	55.42	3.20	
23:00	10.74	11.41	11.81	13.86	17.02	0.96	0.60	n/a	0.74	1.77	8.52	11.22	57.96	3.27	
24:00	10.21	10.77	11.06	12.83	15.31	0.86	n/a	n/a	0.71	1.74	7.51	10.17	58.12	3.29	
<b>Min</b>	<b>3.61</b>	<b>4.21</b>	<b>4.66</b>	<b>7.26</b>	<b>8.63</b>	<b>0.35</b>	<b>0.60</b>	<b>0.00</b>	<b>0.60</b>	<b>1.74</b>	<b>6.50</b>	<b>9.59</b>	<b>40.54</b>	<b>2.44</b>	
<b>Max</b>	<b>15.53</b>	<b>16.93</b>	<b>18.04</b>	<b>23.61</b>	<b>34.75</b>	<b>2.03</b>	<b>1.20</b>	<b>0.00</b>	<b>0.97</b>	<b>2.42</b>	<b>10.96</b>	<b>14.47</b>	<b>65.55</b>	<b>3.37</b>	
<b>Medie</b>	<b>9.32</b>	<b>10.05</b>	<b>10.59</b>	<b>13.03</b>	<b>17.06</b>	<b>0.81</b>	<b>0.91</b>	<b>#DIV/0!</b>	<b>0.71</b>	<b>2.07</b>	<b>8.37</b>	<b>11.54</b>	<b>53.19</b>	<b>2.91</b>	

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

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	1

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	2
-----------------------	---

\*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