

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
18 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	23.86	25.86	26.98	31.93	37.94	1.30	1.41	n/a	0.90	6.04	17.42	26.65	33.51	2.79	0.006
2:00	25.59	27.47	28.49	31.87	37.13	1.91	1.56	n/a	0.99	5.54	17.98	26.44	28.95	2.88	
3:00	26.18	28.19	29.48	33.23	37.64	1.06	1.13	n/a	0.87	4.98	17.15	24.77	34.58	3.04	
4:00	11.53	12.82	13.62	15.26	17.32	0.66	0.84	n/a	0.71	4.31	14.84	21.42	43.56	2.94	
5:00	10.25	11.61	12.55	14.72	17.82	0.63	0.97	n/a	0.68	3.71	12.17	17.84	40.90	2.97	
6:00	10.16	11.33	12.06	13.43	15.20	0.49	0.58	n/a	0.65	3.55	11.25	16.67	44.99	3.09	
7:00	11.33	12.48	13.27	14.33	15.20	0.68	0.66	n/a	0.69	3.32	10.44	15.50	33.74	3.28	
8:00	14.13	15.49	16.39	18.54	21.67	0.97	0.94	n/a	0.74	3.61	11.54	17.05	30.69	3.08	
9:00	20.04	22.06	23.59	28.88	38.12	1.42	2.25	n/a	0.90	4.28	13.20	19.74	23.29	3.05	
10:00	34.75	38.07	40.66	49.15	61.98	5.05	6.11	1.72	1.34	8.23	18.70	31.28	17.53	3.41	
11:00	46.13	49.71	52.19	63.06	78.01	3.76	5.01	1.85	1.64	16.95	26.32	52.22	19.54	3.87	
12:00	148.00	153.91	157.21	163.66	172.19	10.10	6.19	1.23	2.21	20.19	30.08	60.94	27.56	3.78	
13:00	55.03	58.98	61.71	71.44	84.38	3.66	4.04	1.05	1.21	17.70	28.59	55.65	31.89	3.47	
14:00	34.94	37.37	38.99	45.12	56.41	1.56	2.06	n/a	0.89	15.88	25.05	49.31	46.41	3.18	
15:00	15.15	16.83	18.13	22.39	28.52	0.90	1.03	n/a	0.70	13.06	20.88	40.83	46.40	2.56	
16:00	10.54	11.28	11.76	13.28	16.26	0.74	0.90	n/a	0.66	11.20	17.94	35.05	54.43	2.58	
17:00	10.09	11.05	11.55	14.23	18.78	1.32	0.90	n/a	0.70	9.37	15.75	30.07	53.04	2.67	
18:00	12.46	13.75	14.52	19.02	25.85	1.01	1.01	n/a	0.81	7.42	14.80	26.15	45.58	2.70	
19:00	58.25	62.48	65.13	73.21	83.80	5.45	11.30	1.65	1.44	6.30	15.06	24.68	33.01	2.85	
20:00	42.97	45.26	46.73	51.40	56.62	1.84	2.24	0.93	1.13	5.86	16.04	24.98	37.04	3.21	
21:00	19.98	21.42	22.38	25.99	30.61	1.88	1.44	0.76	1.02	4.94	15.58	23.14	36.13	3.08	
22:00	36.74	39.06	40.66	46.89	56.13	2.69	1.79	n/a	1.22	5.19	17.06	24.98	31.72	3.38	
23:00	25.69	26.99	27.81	30.62	34.42	1.95	1.76	n/a	0.95	4.56	15.06	22.03	47.33	3.01	
24:00	12.71	13.46	13.95	16.01	19.33	1.58	n/a	n/a	0.81	3.69	13.10	18.75	48.29	2.83	
<b>Min</b>	<b>10.09</b>	<b>11.05</b>	<b>11.55</b>	<b>13.28</b>	<b>15.20</b>	<b>0.49</b>	<b>0.58</b>	<b>0.76</b>	<b>0.65</b>	<b>3.32</b>	<b>10.44</b>	<b>15.50</b>	<b>17.53</b>	<b>2.56</b>	
<b>Max</b>	<b>148.00</b>	<b>153.91</b>	<b>157.21</b>	<b>163.66</b>	<b>172.19</b>	<b>10.10</b>	<b>11.30</b>	<b>1.85</b>	<b>2.21</b>	<b>20.19</b>	<b>30.08</b>	<b>60.94</b>	<b>54.43</b>	<b>3.87</b>	
<b>Medie</b>	<b>29.85</b>	<b>31.96</b>	<b>33.33</b>	<b>37.82</b>	<b>44.22</b>	<b>2.19</b>	<b>2.44</b>	<b>1.31</b>	<b>0.99</b>	<b>7.91</b>	<b>17.33</b>	<b>29.42</b>	<b>37.09</b>	<b>3.07</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)	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
-----------------------	---

\*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