

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
11 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	176.55	181.52	183.97	187.34	191.02	n/a	n/a	n/a	1.95	23.82	27.22	63.62	17.38	5.18	0.005
2:00	99.11	102.70	104.73	107.74	111.15	n/a	n/a	n/a	1.58	49.08	31.50	106.51	16.76	5.31	
3:00	66.76	69.57	71.39	74.49	78.80	n/a	n/a	n/a	1.28	45.71	31.30	101.15	16.42	5.10	
4:00	44.59	46.73	48.00	50.36	54.27	n/a	n/a	n/a	0.93	16.74	22.14	47.72	20.47	4.75	
5:00	41.01	42.96	44.01	45.30	46.38	n/a	n/a	n/a	0.92	13.36	29.14	49.55	18.71	4.69	
6:00	22.17	23.35	23.93	24.66	25.85	n/a	n/a	n/a	0.68	2.87	14.51	18.89	28.42	4.31	
7:00	19.71	20.77	21.24	22.36	23.61	n/a	n/a	n/a	0.67	3.07	13.74	18.43	29.60	4.14	
8:00	16.18	17.13	17.44	17.64	17.83	n/a	n/a	n/a	0.59	2.58	11.55	15.51	36.81	4.06	
9:00	26.82	28.37	28.74	29.33	29.91	n/a	n/a	n/a	0.69	3.40	17.19	22.39	30.25	4.48	
10:00	23.83	25.35	25.78	26.28	27.28	n/a	n/a	n/a	0.70	4.25	21.73	28.23	27.68	4.50	
11:00	14.97	15.64	15.95	16.39	16.82	n/a	n/a	n/a	0.64	5.15	18.97	26.84	29.29	4.57	
12:00	16.82	17.79	18.12	19.15	20.61	n/a	n/a	n/a	0.67	5.21	18.22	26.19	29.35	4.46	
13:00	17.99	19.06	19.45	20.30	21.61	n/a	n/a	n/a	0.67	5.91	20.17	29.21	30.42	4.25	
14:00	21.21	22.42	23.01	23.86	25.41	n/a	n/a	n/a	0.76	5.91	22.18	31.21	31.20	4.36	
15:00	26.29	27.50	28.12	29.41	31.67	n/a	n/a	n/a	0.76	5.86	21.95	30.90	31.00	4.26	
16:00	19.41	20.52	21.11	22.75	24.70	n/a	n/a	n/a	0.69	3.68	19.56	25.19	34.06	4.11	
17:00	23.40	24.76	25.44	27.64	30.12	n/a	n/a	n/a	0.74	5.06	24.41	32.13	30.50	4.12	
18:00	30.02	31.46	32.16	34.61	38.11	n/a	n/a	n/a	0.75	4.26	23.91	30.42	28.50	4.36	
19:00	23.99	25.13	25.66	27.78	31.18	n/a	n/a	n/a	0.67	5.10	24.23	32.02	30.58	4.24	
20:00	16.94	17.68	18.07	19.21	20.48	n/a	n/a	n/a	0.62	5.44	23.87	32.18	31.76	4.18	
21:00	22.16	23.05	23.59	24.71	25.88	n/a	n/a	n/a	0.75	4.65	23.69	30.79	29.44	4.20	
22:00	27.17	28.47	29.16	30.53	32.12	n/a	n/a	n/a	0.78	4.50	24.13	31.01	27.12	4.06	
23:00	25.24	26.38	26.99	27.36	27.72	n/a	n/a	n/a	0.73	3.93	20.98	26.99	29.52	4.13	
24:00	16.03	16.63	16.95	17.17	17.39	n/a	n/a	n/a	0.61	2.20	10.96	14.33	40.56	3.82	
<b>Min</b>	<b>14.97</b>	<b>15.64</b>	<b>15.95</b>	<b>16.39</b>	<b>16.82</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.59</b>	<b>2.20</b>	<b>10.96</b>	<b>14.33</b>	<b>16.42</b>	<b>3.82</b>	
<b>Max</b>	<b>176.55</b>	<b>181.52</b>	<b>183.97</b>	<b>187.34</b>	<b>191.02</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.95</b>	<b>49.08</b>	<b>31.50</b>	<b>106.51</b>	<b>40.56</b>	<b>5.31</b>	
<b>Medie</b>	<b>34.93</b>	<b>36.46</b>	<b>37.21</b>	<b>38.60</b>	<b>40.41</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>0.83</b>	<b>9.66</b>	<b>21.55</b>	<b>36.31</b>	<b>28.16</b>	<b>4.40</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
-----------------------	---

\*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