

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
12 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	13.72	14.25	14.59	14.99	15.31	n/a	n/a	n/a	0.58	1.92	9.55	12.48	42.76	4.00	0.005
2:00	12.40	12.83	13.07	13.33	13.57	n/a	n/a	n/a	0.56	2.01	9.24	12.31	43.10	3.89	
3:00	14.19	14.76	15.04	15.44	16.37	n/a	n/a	n/a	0.58	1.63	9.78	12.27	40.09	3.86	
4:00	14.84	15.56	15.96	16.62	17.47	n/a	n/a	n/a	0.60	1.78	11.53	14.25	36.48	3.82	
5:00	14.82	15.52	15.96	16.58	17.15	n/a	n/a	n/a	0.61	1.76	12.01	14.71	35.62	3.96	
6:00	11.74	12.21	12.51	12.63	12.73	n/a	n/a	n/a	0.60	1.61	11.86	14.32	35.37	3.86	
7:00	10.98	11.45	11.78	12.26	13.02	n/a	n/a	n/a	0.60	1.90	12.50	15.39	34.15	3.76	
8:00	28.56	29.60	29.97	30.35	31.02	n/a	n/a	n/a	0.60	1.89	9.85	12.73	37.37	7.72	
9:00	11.64	12.16	12.45	12.87	13.17	n/a	n/a	n/a	0.61	2.17	12.69	16.01	35.73	4.37	
10:00	15.06	15.68	16.09	16.92	17.65	n/a	n/a	n/a	0.68	3.30	19.87	24.92	30.84	4.35	
11:00	17.02	17.75	18.43	19.03	19.60	n/a	n/a	n/a	0.75	5.81	26.00	34.87	26.16	4.33	
12:00	19.94	20.88	21.58	22.40	23.12	n/a	n/a	n/a	0.79	6.34	23.84	33.53	28.63	4.51	
13:00	17.93	18.88	19.71	20.86	22.43	n/a	n/a	n/a	0.77	7.61	24.64	36.28	30.15	4.54	
14:00	15.34	16.28	17.08	18.33	19.64	n/a	n/a	n/a	0.68	6.70	19.31	29.56	34.50	4.28	
15:00	11.06	11.86	12.59	13.89	16.15	n/a	n/a	n/a	0.66	3.63	15.09	20.63	40.26	3.60	
16:00	22.80	24.32	25.51	28.32	32.48	n/a	n/a	n/a	0.73	4.55	19.35	26.29	39.25	4.10	
17:00	30.64	31.90	32.67	35.05	38.12	n/a	n/a	n/a	0.88	5.33	23.08	31.22	37.72	4.07	
18:00	53.36	55.18	56.33	58.57	61.56	n/a	n/a	n/a	1.19	7.92	31.80	43.90	28.95	3.97	
19:00	92.67	96.15	98.35	101.75	104.71	n/a	n/a	n/a	1.55	11.86	33.86	51.98	20.28	3.58	
20:00	80.89	83.75	85.48	88.57	92.48	n/a	n/a	n/a	1.49	26.33	38.33	78.57	17.74	4.40	
21:00	29.58	30.83	31.77	33.94	37.81	n/a	n/a	n/a	0.87	12.85	33.55	53.19	20.92	4.72	
22:00	13.50	14.13	14.54	15.76	17.04	n/a	n/a	n/a	0.78	6.41	23.86	33.65	27.10	4.72	
23:00	7.46	7.94	8.29	9.35	11.30	n/a	n/a	n/a	0.67	2.38	10.33	13.96	37.42	4.64	
24:00	6.37	6.85	7.24	8.39	9.88	n/a	n/a	n/a	0.66	2.71	10.65	14.79	36.78	4.34	
<b>Min</b>	<b>6.37</b>	<b>6.85</b>	<b>7.24</b>	<b>8.39</b>	<b>9.88</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.56</b>	<b>1.61</b>	<b>9.24</b>	<b>12.27</b>	<b>17.74</b>	<b>3.58</b>	
<b>Max</b>	<b>92.67</b>	<b>96.15</b>	<b>98.35</b>	<b>101.75</b>	<b>104.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.55</b>	<b>26.33</b>	<b>38.33</b>	<b>78.57</b>	<b>43.10</b>	<b>7.72</b>	
<b>Medie</b>	<b>23.60</b>	<b>24.61</b>	<b>25.29</b>	<b>26.51</b>	<b>28.07</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>0.77</b>	<b>5.43</b>	<b>18.86</b>	<b>27.16</b>	<b>33.22</b>	<b>4.31</b>	

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

Particule in suspensie (PM2,5)	3
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	3
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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