

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
27 AUGUST 2021**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE - Kogalniceanu, nr. 114 A**

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	6.76	8.22	9.76	14.77	25.25	0.40	2.26	5.84	0.35	4.87	48.15	55.60	10.96	10.66	0.003
2:00	6.83	8.26	9.92	13.56	19.74	0.35	1.54	5.34	0.33	3.76	31.08	36.83	15.82	10.51	
3:00	5.97	7.33	8.90	13.01	21.08	0.43	2.00	5.55	0.38	3.86	24.65	30.55	17.15	10.64	
4:00	7.88	9.49	11.21	15.70	22.50	0.44	2.82	5.38	0.33	13.14	39.66	59.74	3.74	11.02	
5:00	6.41	7.70	9.23	12.85	19.05	0.33	2.03	5.34	0.31	24.88	37.63	75.64	1.42	10.82	
6:00	5.91	7.20	8.80	12.00	16.33	0.38	1.47	5.10	0.32	14.86	35.94	58.63	1.98	10.89	
7:00	6.38	7.90	9.67	14.03	20.07	1.06	2.19	4.84	0.33	19.44	33.18	62.89	1.68	10.87	
8:00	7.69	9.84	12.28	20.40	31.25	0.98	2.02	5.14	0.37	38.57	31.25	90.19	3.33	11.03	
9:00	7.96	9.90	12.18	18.66	26.73	0.53	2.00	4.22	0.35	20.36	27.48	58.61	8.55	11.28	
10:00	12.86	15.17	17.51	26.94	42.97	0.55	1.48	4.83	0.33	19.18	34.46	63.77	15.76	11.83	
11:00	9.04	10.48	12.05	16.64	23.95	0.54	1.24	4.97	0.32	8.48	20.50	33.45	26.83	10.82	
12:00	7.69	9.12	10.64	15.75	24.79	0.29	1.34	3.67	0.32	4.11	17.59	23.86	37.59	12.08	
13:00	9.69	11.90	14.00	23.42	39.88	0.42	2.10	4.86	0.34	7.02	32.18	42.91	29.23	10.89	
14:00	10.04	12.16	14.62	19.53	25.64	0.53	1.91	4.74	0.36	7.97	34.83	47.01	26.40	10.67	
15:00	9.37	10.91	12.53	17.08	24.01	0.38	2.40	5.87	0.33	5.98	22.95	32.08	28.22	10.64	
16:00	9.92	11.15	12.57	14.89	18.44	0.48	2.16	5.82	0.32	5.05	18.99	26.70	32.19	10.56	
17:00	9.06	10.17	11.26	14.19	18.60	0.42	1.27	4.69	0.32	4.23	19.73	26.20	36.33	10.44	
18:00	6.25	6.93	7.63	8.72	10.99	0.30	n/a	n/a	0.32	3.84	14.83	20.70	42.96	10.38	
19:00	4.92	5.42	5.82	7.31	9.04	0.34	0.93	3.77	0.31	4.06	14.18	20.39	38.96	10.66	
20:00	4.78	5.36	5.95	7.34	9.45	0.23	0.65	3.25	0.31	3.57	13.15	18.61	42.98	10.32	
21:00	5.44	6.09	6.81	8.13	9.90	0.24	0.77	3.24	0.31	3.45	12.86	18.12	45.04	10.29	
22:00	5.38	6.05	6.70	8.26	10.26	0.29	0.82	3.55	0.31	3.49	13.09	18.43	45.02	10.75	
23:00	5.36	6.04	6.78	8.06	10.07	0.32	0.87	2.92	0.31	3.33	12.36	17.43	46.79	10.41	
24:00	5.74	6.42	7.16	8.48	10.42	0.28	0.79	3.08	0.30	3.16	10.90	15.74	50.26	10.69	
<b>Min</b>	<b>4.78</b>	<b>5.36</b>	<b>5.82</b>	<b>7.31</b>	<b>9.04</b>	<b>0.23</b>	<b>0.65</b>	<b>2.92</b>	<b>0.30</b>	<b>3.16</b>	<b>10.90</b>	<b>15.74</b>	<b>1.42</b>	<b>10.29</b>	
<b>Max</b>	<b>12.86</b>	<b>15.17</b>	<b>17.51</b>	<b>26.94</b>	<b>42.97</b>	<b>1.06</b>	<b>2.82</b>	<b>5.87</b>	<b>0.38</b>	<b>38.57</b>	<b>48.15</b>	<b>90.19</b>	<b>50.26</b>	<b>12.08</b>	
<b>Medie</b>	<b>7.39</b>	<b>8.72</b>	<b>10.17</b>	<b>14.16</b>	<b>20.43</b>	<b>0.44</b>	<b>1.61</b>	<b>4.61</b>	<b>0.33</b>	<b>9.61</b>	<b>25.07</b>	<b>39.75</b>	<b>25.38</b>	<b>10.80</b>	

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

Particule in suspensie (PM2,5)	1
Dioxid de azot (NO2)	2
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
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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