

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
14 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	12.39	15.59	18.47	31.78	49.21	0.97	4.51	10.35	0.41	5.55	39.08	47.56	27.96	10.51	0.006
2:00	11.93	14.87	17.29	29.71	46.28	0.72	3.08	10.42	0.32	6.49	53.79	63.71	10.91	10.07	
3:00	10.10	12.46	14.71	24.58	37.18	0.52	2.40	9.16	0.31	8.98	55.15	68.87	6.12	10.15	
4:00	10.38	12.29	14.14	20.37	28.44	0.61	3.34	10.77	0.30	5.89	44.80	53.80	7.08	10.32	
5:00	10.23	11.97	13.68	19.32	26.18	0.52	2.58	10.09	0.29	5.11	39.96	47.78	8.04	10.71	
6:00	9.82	11.26	12.83	17.14	22.19	0.50	2.22	9.96	0.29	4.32	35.88	42.48	10.07	10.45	
7:00	11.42	13.53	15.52	23.35	32.48	1.42	2.52	9.36	0.30	9.12	37.59	51.53	6.98	10.46	
8:00	12.00	14.36	16.64	27.00	42.68	0.70	2.38	9.79	0.33	19.12	36.46	65.68	8.20	10.37	
9:00	15.12	17.80	20.23	32.01	50.87	0.76	2.69	10.50	0.35	15.27	36.48	59.81	17.42	10.70	
10:00	20.73	24.73	28.01	49.44	85.47	0.58	3.49	10.72	0.35	14.68	47.13	69.56	29.39	11.94	
11:00	25.61	30.77	35.12	61.30	110.12	0.64	2.28	11.07	0.34	14.43	57.28	79.34	42.79	15.64	
12:00	14.85	17.78	20.23	34.72	61.48	0.37	1.24	9.61	0.31	10.44	40.05	56.00	61.95	15.25	
13:00	11.20	13.67	15.90	27.27	46.41	0.34	1.34	9.47	0.28	6.35	25.06	34.76	75.14	12.76	
14:00	8.54	10.01	11.18	18.34	29.89	0.32	1.39	11.17	0.27	4.13	16.14	22.44	88.05	11.70	
15:00	8.29	9.65	10.79	17.58	28.53	0.27	0.95	11.01	0.27	3.22	10.27	15.18	99.95	10.64	
16:00	9.02	10.58	12.00	19.78	30.93	0.30	1.82	10.84	0.28	3.07	10.57	15.27	103.23	10.30	
17:00	8.93	10.38	11.69	18.63	28.08	0.29	1.11	10.46	0.28	3.39	11.24	16.40	100.69	10.32	
18:00	8.37	10.01	11.57	19.39	32.59	0.33	n/a	n/a	0.28	3.16	9.51	14.34	91.61	10.06	
19:00	8.48	10.27	11.88	21.94	38.32	0.39	1.48	10.89	0.28	3.43	10.67	15.91	93.00	10.04	
20:00	8.96	11.19	13.14	25.39	47.50	0.31	1.49	9.87	0.29	3.02	11.08	15.70	85.54	10.01	
21:00	10.28	14.03	17.03	40.52	79.95	0.73	2.41	10.53	0.32	3.21	17.12	22.03	71.96	10.08	
22:00	12.30	15.40	18.10	34.91	61.90	0.83	3.40	9.92	0.38	4.22	33.70	40.13	54.20	10.41	
23:00	14.43	18.11	21.64	40.34	66.32	0.80	2.77	10.42	0.45	3.71	32.76	38.44	45.27	10.44	
24:00	16.44	20.03	23.43	40.24	62.31	1.35	5.52	10.80	0.57	4.27	39.28	45.81	27.37	10.33	
<b>Min</b>	<b>8.29</b>	<b>9.65</b>	<b>10.79</b>	<b>17.14</b>	<b>22.19</b>	<b>0.27</b>	<b>0.95</b>	<b>9.16</b>	<b>0.27</b>	<b>3.02</b>	<b>9.51</b>	<b>14.34</b>	<b>6.12</b>	<b>10.01</b>	
<b>Max</b>	<b>25.61</b>	<b>30.77</b>	<b>35.12</b>	<b>61.30</b>	<b>110.12</b>	<b>1.42</b>	<b>5.52</b>	<b>11.17</b>	<b>0.57</b>	<b>19.12</b>	<b>57.28</b>	<b>79.34</b>	<b>103.23</b>	<b>15.64</b>	
<b>Medie</b>	<b>12.07</b>	<b>14.61</b>	<b>16.88</b>	<b>28.96</b>	<b>47.72</b>	<b>0.61</b>	<b>2.45</b>	<b>10.31</b>	<b>0.33</b>	<b>6.86</b>	<b>31.29</b>	<b>41.77</b>	<b>48.87</b>	<b>10.99</b>	

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

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	3
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