

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
04 APRILIE 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/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>
1:00	11.44	12.16	12.80	13.90	15.25	0.64	0.63	n/a	0.84	2.69	10.64	14.74	44.18	12.75	0.002
2:00	24.98	26.51	27.58	29.95	32.75	1.18	1.21	n/a	0.84	2.48	15.24	19.03	25.40	13.07	
3:00	26.38	27.79	28.74	30.62	32.97	1.42	1.65	n/a	0.72	2.89	13.89	18.30	23.82	14.21	
4:00	16.53	17.49	18.27	19.37	21.49	1.32	1.05	0.43	0.71	2.38	9.43	13.07	26.34	14.23	
5:00	17.84	18.84	19.82	21.01	22.40	1.21	1.07	n/a	0.71	2.39	12.90	16.56	18.29	14.23	
6:00	18.92	19.93	20.88	22.25	23.44	1.30	1.45	n/a	0.71	3.70	15.97	21.64	12.93	14.19	
7:00	29.46	31.06	32.23	35.07	38.94	2.86	2.46	0.98	0.72	13.61	23.76	44.55	4.34	14.93	
8:00	28.51	30.38	31.98	35.60	39.84	1.95	1.76	n/a	0.71	8.49	23.01	35.99	6.08	14.71	
9:00	27.33	29.00	30.35	34.34	40.87	1.62	1.63	0.60	0.71	12.76	20.17	39.66	9.04	14.62	
10:00	25.61	26.95	28.07	31.00	34.65	1.99	1.30	n/a	0.71	7.72	15.76	27.55	17.05	14.45	
11:00	29.18	30.95	32.40	36.23	41.08	1.71	1.25	n/a	0.75	7.98	16.43	28.63	23.54	14.46	
12:00	20.84	22.53	23.97	28.21	36.09	0.77	0.71	n/a	0.79	6.04	14.25	23.47	42.09	16.42	
13:00	15.48	16.48	17.35	19.57	22.56	0.95	1.55	0.80	0.75	3.51	6.58	11.95	52.85	14.37	
14:00	11.61	12.33	12.99	14.57	16.91	0.56	0.48	0.57	0.75	1.99	3.68	6.72	62.98	14.22	
15:00	10.40	11.10	11.69	13.31	16.22	0.45	0.33	0.56	0.81	2.07	3.85	7.01	66.58	13.61	
16:00	8.66	9.26	9.83	11.16	13.44	0.41	0.32	0.51	0.82	2.01	3.19	6.27	69.23	13.22	
17:00	9.19	9.90	10.52	12.71	16.86	0.55	n/a	n/a	0.82	2.01	3.94	7.02	70.35	13.78	
18:00	11.25	12.12	12.90	15.83	19.18	0.60	0.45	0.58	0.82	2.02	5.13	8.23	69.33	13.48	
19:00	9.65	10.28	10.89	12.73	15.84	0.61	0.36	n/a	0.79	2.22	5.72	9.11	66.75	13.29	
20:00	13.34	14.32	15.14	18.41	22.86	0.74	0.47	n/a	0.73	2.37	8.18	11.79	62.74	13.77	
21:00	16.90	17.81	18.37	20.79	23.87	0.69	0.43	n/a	0.73	2.09	6.54	9.74	65.62	13.76	
22:00	16.56	17.23	17.65	18.50	19.41	0.95	0.56	n/a	0.76	2.29	8.73	12.24	60.51	13.54	
23:00	21.14	21.69	22.05	22.42	22.76	0.99	0.61	n/a	0.78	2.23	9.57	12.97	57.16	13.51	
24:00	16.92	17.35	17.70	17.97	18.52	0.72	0.48	n/a	0.78	1.81	6.67	9.44	57.45	13.25	
<b>Min</b>	<b>8.66</b>	<b>9.26</b>	<b>9.83</b>	<b>11.16</b>	<b>13.44</b>	<b>0.41</b>	<b>0.32</b>	<b>0.43</b>	<b>0.71</b>	<b>1.81</b>	<b>3.19</b>	<b>6.27</b>	<b>4.34</b>	<b>12.75</b>	
<b>Max</b>	<b>29.46</b>	<b>31.06</b>	<b>32.40</b>	<b>36.23</b>	<b>41.08</b>	<b>2.86</b>	<b>2.46</b>	<b>0.98</b>	<b>0.84</b>	<b>13.61</b>	<b>23.76</b>	<b>44.55</b>	<b>70.35</b>	<b>16.42</b>	
<b>Medie</b>	<b>18.26</b>	<b>19.31</b>	<b>20.17</b>	<b>22.31</b>	<b>25.34</b>	<b>1.09</b>	<b>0.97</b>	<b>0.63</b>	<b>0.76</b>	<b>4.16</b>	<b>10.97</b>	<b>17.32</b>	<b>42.28</b>	<b>14.00</b>	

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

Particule in suspensie (PM2,5)	2
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	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