

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
23 Iunie 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	10.76	14.85	19.58	31.79	51.17	0.40	3.12	17.65	0.27	4.78	31.30	38.60	15.41	8.56	*n/a
2:00	10.90	15.23	20.00	33.83	54.33	0.49	2.74	18.12	0.27	9.95	38.91	54.10	7.97	8.78	
3:00	11.95	16.59	21.97	34.00	52.66	0.42	2.72	18.84	0.26	10.93	41.61	58.30	6.71	8.68	
4:00	11.43	15.71	20.77	31.04	46.23	0.39	3.13	17.38	0.25	19.90	36.41	66.82	4.25	8.76	
5:00	11.98	16.49	21.97	31.61	44.99	0.32	2.52	17.38	0.25	8.11	34.09	46.49	7.64	8.72	
6:00	13.36	18.24	24.06	34.78	52.03	0.41	2.97	19.49	0.29	8.20	32.02	44.55	5.98	8.60	
7:00	12.36	17.86	24.62	38.66	62.33	0.46	4.05	19.08	0.29	28.78	34.93	78.91	6.28	8.90	
8:00	13.77	20.20	27.59	47.74	79.33	0.54	3.27	20.64	0.32	27.95	32.86	75.57	10.67	9.25	
9:00	16.44	24.64	33.18	64.92	117.34	0.35	2.49	20.00	0.28	27.49	31.57	73.57	21.41	8.96	
10:00	13.59	21.99	31.98	52.26	86.87	0.25	0.90	18.74	0.25	6.58	19.97	30.03	40.11	8.62	
11:00	11.91	21.99	34.26	56.24	91.10	0.26	1.16	19.69	0.26	4.24	12.21	18.69	49.48	8.77	
12:00	10.85	23.40	38.82	66.51	108.03	0.34	1.55	19.32	0.28	3.89	10.96	16.90	56.12	8.62	
13:00	9.13	23.62	41.16	77.13	129.49	0.23	0.97	19.61	0.22	3.58	9.83	15.30	63.71	8.55	
14:00	8.31	22.61	40.01	75.07	120.54	0.27	2.15	21.49	0.22	3.62	9.81	15.34	66.82	8.68	
15:00	8.30	22.68	40.26	74.79	121.42	0.34	2.01	20.11	0.22	3.61	10.97	16.49	70.80	8.67	
16:00	8.67	23.84	42.37	77.84	122.83	0.22	1.76	18.16	0.24	4.06	17.90	24.11	65.00	8.63	
17:00	10.48	23.82	39.67	74.20	120.49	0.37	1.54	17.65	0.28	4.67	29.24	36.38	47.57	8.56	
18:00	11.39	22.19	35.12	58.31	90.08	0.35	1.24	15.17	0.28	4.98	31.09	38.70	49.83	8.44	
19:00	11.92	23.01	35.99	61.30	96.94	0.40	2.08	16.52	0.29	6.63	30.63	40.77	35.16	8.52	
20:00	11.22	21.32	33.59	51.10	78.52	0.32	1.56	17.29	0.30	6.56	25.63	35.64	40.77	8.59	
21:00	9.86	19.24	30.84	45.69	65.01	0.27	1.26	15.32	0.27	5.02	26.04	33.71	36.77	8.57	
22:00	15.58	26.83	39.65	65.64	101.32	0.77	n/a	n/a	0.31	7.35	44.01	55.24	16.09	8.59	
23:00	13.82	24.98	38.55	56.39	80.02	0.51	1.95	15.68	0.31	6.34	33.72	43.42	17.56	8.57	
24:00	13.23	23.24	35.47	52.63	73.63	0.51	2.07	16.01	0.36	7.44	37.15	48.52	14.22	8.57	
<b>Min</b>	<b>8.30</b>	<b>14.85</b>	<b>19.58</b>	<b>31.04</b>	<b>44.99</b>	<b>0.22</b>	<b>0.90</b>	<b>15.17</b>	<b>0.22</b>	<b>3.58</b>	<b>9.81</b>	<b>15.30</b>	<b>4.25</b>	<b>8.44</b>	
<b>Max</b>	<b>16.44</b>	<b>26.83</b>	<b>42.37</b>	<b>77.84</b>	<b>129.49</b>	<b>0.77</b>	<b>4.05</b>	<b>21.49</b>	<b>0.36</b>	<b>28.78</b>	<b>44.01</b>	<b>78.91</b>	<b>70.80</b>	<b>9.25</b>	
<b>Medie</b>	<b>11.72</b>	<b>21.03</b>	<b>32.15</b>	<b>53.89</b>	<b>85.28</b>	<b>0.38</b>	<b>2.14</b>	<b>18.23</b>	<b>0.27</b>	<b>9.36</b>	<b>27.62</b>	<b>41.92</b>	<b>31.51</b>	<b>8.67</b>	

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

Particule in suspensie (PM2,5)	3
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	4

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	4
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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 : analizorul de formaldehida trimis la calibrat