

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
13 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/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	56.49	63.89	70.90	92.78	118.82	4.63	4.61	n/a	0.84	5.19	41.26	49.19	9.50	15.69	0.004
2:00	40.65	46.48	52.08	65.26	79.54	3.44	4.55	1.82	0.80	17.80	47.47	74.67	3.15	15.38	
3:00	29.08	33.42	37.69	46.99	59.43	2.01	2.79	1.49	0.79	16.31	42.40	67.33	3.79	15.21	
4:00	25.61	29.35	33.02	40.15	48.42	1.90	n/a	n/a	0.82	7.88	35.99	48.03	4.33	14.12	
5:00	22.28	25.72	29.29	35.30	43.54	1.58	2.19	n/a	0.82	12.89	37.43	57.14	3.35	14.18	
6:00	20.61	23.84	27.20	33.81	41.78	2.63	2.17	n/a	0.81	8.79	33.68	47.11	5.56	14.55	
7:00	22.04	26.66	31.36	44.99	60.86	1.80	2.74	n/a	0.80	19.45	38.82	68.53	3.22	14.66	
8:00	28.39	36.06	43.36	71.59	108.68	2.50	3.81	n/a	0.80	50.89	39.32	117.08	3.34	15.93	
9:00	29.78	36.77	43.99	68.50	99.88	2.44	3.68	1.72	0.80	37.88	37.84	95.73	4.72	15.71	
10:00	25.52	30.89	36.46	54.62	77.01	1.91	2.77	1.27	0.79	21.70	38.97	72.14	9.73	15.72	
11:00	32.67	40.20	47.20	79.70	128.19	1.93	4.47	1.60	0.86	31.00	46.57	93.93	9.75	17.19	
12:00	47.82	55.34	62.18	94.23	141.96	1.45	3.17	n/a	0.89	19.73	49.56	79.70	14.49	19.94	
13:00	50.85	60.44	68.64	114.38	179.87	1.28	19.96	n/a	0.89	14.61	41.35	63.67	23.23	19.13	
14:00	15.10	20.10	25.22	42.99	70.12	0.86	10.68	11.06	0.88	3.33	12.27	17.36	62.51	18.09	
15:00	8.21	13.23	18.64	34.62	59.67	0.40	2.04	2.20	0.88	2.48	7.56	11.35	73.73	19.27	
16:00	7.54	11.03	14.78	23.58	36.13	0.33	0.85	1.29	0.88	2.17	7.72	11.04	78.06	19.35	
17:00	9.16	14.07	19.22	35.75	60.79	0.39	1.57	1.27	0.88	2.65	14.14	18.19	64.16	18.48	
18:00	9.71	14.87	20.14	39.29	69.82	0.55	1.19	1.21	0.88	2.71	11.96	16.09	62.97	18.24	
19:00	10.26	13.56	17.12	24.38	33.74	0.57	1.17	1.20	0.87	2.75	11.12	15.32	58.54	17.00	
20:00	13.41	16.21	19.22	22.63	27.34	0.71	0.93	n/a	0.87	2.56	10.94	14.84	44.24	15.29	
21:00	16.14	18.18	20.31	22.40	24.49	0.70	1.07	n/a	0.83	3.43	11.30	16.54	35.62	15.03	
22:00	15.21	16.83	18.50	20.21	22.87	0.68	0.98	n/a	0.79	3.22	10.54	15.46	39.72	14.88	
23:00	11.90	13.03	14.20	14.79	15.40	0.59	0.80	0.69	0.78	2.30	7.93	11.43	46.36	14.99	
24:00	8.57	9.40	10.22	10.82	11.54	0.52	0.82	n/a	0.78	2.17	6.26	9.57	45.75	14.73	
<b>Min</b>	<b>7.54</b>	<b>9.40</b>	<b>10.22</b>	<b>10.82</b>	<b>11.54</b>	<b>0.33</b>	<b>0.80</b>	<b>0.69</b>	<b>0.78</b>	<b>2.17</b>	<b>6.26</b>	<b>9.57</b>	<b>3.15</b>	<b>14.12</b>	
<b>Max</b>	<b>56.49</b>	<b>63.89</b>	<b>70.90</b>	<b>114.38</b>	<b>179.87</b>	<b>4.63</b>	<b>19.96</b>	<b>11.06</b>	<b>0.89</b>	<b>50.89</b>	<b>49.56</b>	<b>117.08</b>	<b>78.06</b>	<b>19.94</b>	
<b>Medie</b>	<b>23.21</b>	<b>27.90</b>	<b>32.54</b>	<b>47.24</b>	<b>67.50</b>	<b>1.49</b>	<b>3.44</b>	<b>2.23</b>	<b>0.83</b>	<b>12.25</b>	<b>26.77</b>	<b>45.48</b>	<b>29.58</b>	<b>16.37</b>	

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

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

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