

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
09 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	9.83	10.59	11.28	13.44	16.06	0.62	0.48	n/a	0.76	2.26	12.81	16.26	45.14	14.45	0.002
2:00	12.78	13.63	14.31	15.82	17.39	0.71	0.65	n/a	0.76	2.57	13.57	17.50	45.99	14.53	
3:00	8.75	9.64	10.37	13.30	16.60	0.57	0.45	n/a	0.76	2.64	12.51	16.53	49.75	14.82	
4:00	10.17	11.43	12.70	15.95	20.47	0.66	0.70	n/a	0.77	3.60	20.90	26.41	39.68	14.54	
5:00	11.33	12.61	13.98	17.06	21.24	0.67	0.63	n/a	0.77	3.22	20.83	25.76	35.70	14.45	
6:00	10.77	11.97	13.13	16.59	21.37	0.85	0.77	n/a	0.77	3.78	16.52	22.30	41.82	14.49	
7:00	10.12	11.56	12.98	17.16	23.50	0.60	0.69	n/a	0.76	4.42	20.70	27.45	40.28	14.51	
8:00	15.03	17.15	19.24	27.38	37.58	1.50	7.36	n/a	0.77	22.73	41.24	75.97	18.26	16.19	
9:00	26.86	30.38	33.22	44.51	62.09	1.47	2.31	0.68	0.78	19.72	33.64	63.77	16.27	16.59	
10:00	21.47	23.78	25.69	31.87	41.67	0.90	1.22	n/a	0.77	9.11	19.02	32.94	36.30	15.49	
11:00	8.75	9.96	11.17	14.99	19.74	0.40	0.43	n/a	0.77	2.92	8.13	12.59	59.52	14.36	
12:00	8.32	9.76	11.13	16.27	23.50	0.34	0.52	n/a	0.77	4.24	12.17	18.65	59.42	14.20	
13:00	7.42	8.51	9.65	13.14	18.49	0.30	2.31	n/a	0.84	2.58	6.09	10.02	66.17	13.39	
14:00	6.44	7.33	8.11	11.51	15.88	0.27	0.31	n/a	0.88	2.34	5.27	8.83	69.14	13.14	
15:00	5.06	5.79	6.53	9.02	13.39	0.42	0.29	n/a	0.88	2.54	5.89	9.76	71.60	13.30	
16:00	3.56	4.21	4.84	7.40	11.69	0.23	0.41	n/a	0.88	2.68	6.57	10.66	72.79	13.09	
17:00	2.33	2.91	3.37	6.58	12.14	0.22	0.21	n/a	0.88	2.66	6.38	10.46	75.35	13.12	
18:00	2.40	2.83	3.31	4.61	7.36	0.20	0.30	n/a	0.88	2.69	6.78	10.88	75.89	12.81	
19:00	4.00	4.62	5.22	7.53	10.84	1.01	0.36	n/a	0.88	2.50	8.69	12.52	74.02	13.39	
20:00	3.73	4.53	5.30	8.62	14.35	0.29	0.32	n/a	0.85	2.68	14.36	18.44	65.77	13.74	
21:00	16.64	18.96	20.80	28.06	36.77	1.79	1.88	n/a	0.80	5.29	35.95	44.02	43.09	14.87	
22:00	27.65	29.86	31.57	38.69	47.30	3.55	2.34	n/a	0.81	4.18	29.46	35.84	34.79	14.09	
23:00	66.01	69.81	72.76	80.91	91.29	9.85	5.40	n/a	0.85	7.24	40.86	51.91	23.09	14.45	
24:00	75.85	80.32	83.81	92.25	103.84	4.38	3.48	n/a	0.89	8.29	41.16	53.83	16.59	14.46	
<b>Min</b>	<b>2.33</b>	<b>2.83</b>	<b>3.31</b>	<b>4.61</b>	<b>7.36</b>	<b>0.20</b>	<b>0.21</b>	<b>0.68</b>	<b>0.76</b>	<b>2.26</b>	<b>5.27</b>	<b>8.83</b>	<b>16.27</b>	<b>12.81</b>	
<b>Max</b>	<b>75.85</b>	<b>80.32</b>	<b>83.81</b>	<b>92.25</b>	<b>103.84</b>	<b>9.85</b>	<b>7.36</b>	<b>0.68</b>	<b>0.89</b>	<b>22.73</b>	<b>41.24</b>	<b>75.97</b>	<b>75.89</b>	<b>16.59</b>	
<b>Medie</b>	<b>15.64</b>	<b>17.17</b>	<b>18.52</b>	<b>23.03</b>	<b>29.36</b>	<b>1.33</b>	<b>1.41</b>	<b>0.68</b>	<b>0.81</b>	<b>5.29</b>	<b>18.31</b>	<b>26.39</b>	<b>49.02</b>	<b>14.27</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)	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