

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
10 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	51.54	55.19	57.79	65.62	75.24	5.75	4.24	n/a	0.91	14.91	46.00	68.77	6.19	13.81	0.004
2:00	47.01	50.03	52.60	59.93	68.09	3.70	4.02	n/a	0.83	14.70	43.46	65.92	4.78	17.26	
3:00	30.19	31.62	32.82	35.88	39.09	3.07	2.30	n/a	0.79	14.80	37.23	59.84	3.81	14.50	
4:00	29.38	31.42	33.18	36.78	40.60	2.56	2.21	0.66	0.79	4.92	29.36	36.88	9.43	14.20	
5:00	24.07	26.03	27.76	31.11	35.93	1.62	1.36	n/a	0.79	3.53	23.54	28.93	16.75	15.16	
6:00	28.47	31.41	33.51	38.31	43.27	1.80	1.75	n/a	0.79	8.41	30.54	43.40	6.65	14.23	
7:00	24.49	26.42	27.63	31.53	36.39	1.96	3.25	0.96	0.79	24.57	33.81	71.37	3.49	14.68	
8:00	32.54	35.04	37.26	44.29	53.18	3.41	2.59	0.61	0.78	19.66	32.17	62.21	8.95	14.83	
9:00	25.56	27.76	29.83	35.66	44.58	2.39	2.69	n/a	0.78	11.58	27.72	45.43	18.28	15.13	
10:00	29.38	31.89	33.82	40.90	51.01	2.58	1.72	n/a	0.79	9.41	26.81	41.18	30.68	16.07	
11:00	44.23	49.11	52.95	72.02	102.84	1.58	2.11	n/a	0.79	23.53	50.38	86.33	26.10	24.10	
12:00	37.27	40.91	43.65	57.80	79.52	0.71	1.09	n/a	0.81	8.09	30.02	42.38	60.44	19.08	
13:00	9.94	11.21	12.38	15.91	20.69	0.45	0.52	n/a	0.88	3.36	11.17	16.31	76.71	17.29	
14:00	7.42	8.74	10.05	14.15	20.39	0.22	1.23	n/a	0.89	2.37	7.07	10.70	88.90	15.15	
15:00	5.79	6.91	8.04	11.62	15.61	0.22	0.64	n/a	0.88	2.23	5.91	9.32	90.32	14.30	
16:00	4.53	5.59	6.69	9.45	12.66	0.21	0.27	n/a	0.88	1.94	4.65	7.62	91.02	13.92	
17:00	4.64	5.65	6.56	9.73	14.04	0.30	0.44	n/a	0.88	1.85	4.48	7.31	91.50	14.20	
18:00	4.50	5.44	6.36	8.81	12.42	0.25	n/a	n/a	0.88	1.92	5.63	8.56	90.96	14.92	
19:00	4.64	5.75	6.75	10.38	16.03	0.29	0.71	0.39	0.88	2.04	7.39	10.49	90.15	14.92	
20:00	6.44	8.25	9.73	17.14	29.29	0.45	0.69	0.58	0.87	3.10	17.40	22.14	77.28	14.98	
21:00	27.62	30.55	33.09	42.62	55.15	4.71	4.75	1.13	0.87	4.26	37.41	43.93	44.35	16.85	
22:00	44.89	48.86	52.45	66.40	86.11	5.66	4.33	n/a	0.85	5.11	45.26	53.07	26.50	16.01	
23:00	24.55	27.11	29.39	36.97	47.18	2.36	2.35	n/a	0.80	3.26	23.14	28.13	49.51	15.40	
24:00	44.98	48.55	51.48	60.17	70.23	6.35	4.14	n/a	0.82	3.65	26.06	31.64	36.77	19.13	
<b>Min</b>	<b>4.50</b>	<b>5.44</b>	<b>6.36</b>	<b>8.81</b>	<b>12.42</b>	<b>0.21</b>	<b>0.27</b>	<b>0.39</b>	<b>0.78</b>	<b>1.85</b>	<b>4.48</b>	<b>7.31</b>	<b>3.49</b>	<b>13.81</b>	
<b>Max</b>	<b>51.54</b>	<b>55.19</b>	<b>57.79</b>	<b>72.02</b>	<b>102.84</b>	<b>6.35</b>	<b>4.75</b>	<b>1.13</b>	<b>0.91</b>	<b>24.57</b>	<b>50.38</b>	<b>86.33</b>	<b>91.50</b>	<b>24.10</b>	
<b>Medie</b>	<b>24.75</b>	<b>27.06</b>	<b>28.99</b>	<b>35.55</b>	<b>44.56</b>	<b>2.19</b>	<b>2.15</b>	<b>0.72</b>	<b>0.83</b>	<b>8.05</b>	<b>25.28</b>	<b>37.58</b>	<b>43.73</b>	<b>15.84</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)	2

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