

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
21 MARTIE 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	59.91	61.56	62.58	65.31	68.35	4.78	3.03	n/a	0.80	4.14	24.66	30.98	23.23	13.83	0.005
2:00	54.97	56.41	57.27	58.94	61.10	4.10	2.81	0.84	0.80	3.99	24.40	30.51	17.35	13.59	
3:00	45.30	46.40	47.10	49.12	51.65	2.43	1.51	n/a	0.78	4.36	16.84	23.50	28.60	13.64	
4:00	38.53	39.47	40.10	41.72	44.02	2.96	n/a	n/a	0.78	3.72	20.85	26.54	24.91	13.56	
5:00	31.43	32.23	32.73	34.18	36.00	1.72	1.15	n/a	0.78	3.34	15.64	20.72	27.32	13.28	
6:00	42.46	43.42	44.00	45.32	46.66	3.01	2.49	n/a	0.79	6.17	25.62	35.05	11.84	13.51	
7:00	47.61	48.80	49.61	51.38	53.40	4.12	2.74	n/a	0.79	7.03	29.28	40.02	11.25	13.72	
8:00	45.76	47.36	48.68	51.98	55.87	3.04	2.23	n/a	0.79	7.87	25.21	37.23	19.96	14.02	
9:00	46.61	48.25	49.57	53.10	57.65	4.46	1.97	n/a	0.78	4.55	17.00	23.95	38.71	14.00	
10:00	27.29	28.21	28.81	31.49	34.66	1.48	0.92	n/a	0.77	2.92	9.13	13.59	52.43	13.64	
11:00	23.92	24.71	25.44	26.99	29.33	1.26	0.75	0.37	0.77	2.63	7.44	11.46	60.17	13.83	
12:00	22.43	23.20	23.71	25.93	28.33	0.94	0.50	n/a	0.81	2.73	7.35	11.52	66.29	13.06	
13:00	18.36	18.92	19.38	20.65	22.59	0.95	0.51	n/a	0.84	2.48	6.01	9.79	70.29	12.81	
14:00	18.50	19.12	19.66	21.10	23.69	1.12	0.63	n/a	0.82	2.34	8.37	11.94	71.26	13.73	
15:00	15.09	15.65	16.13	17.38	19.36	0.86	0.50	n/a	0.79	1.88	5.94	8.81	76.18	13.25	
16:00	11.59	12.18	12.65	14.59	17.46	0.73	0.55	0.40	0.84	1.82	6.20	8.98	76.54	13.12	
17:00	15.09	16.05	16.80	20.31	25.52	1.07	0.60	n/a	0.88	2.10	9.09	12.29	73.03	13.36	
18:00	16.21	16.85	17.40	18.97	21.00	0.81	0.62	n/a	0.86	2.30	12.30	15.81	70.27	13.38	
19:00	20.92	22.02	23.05	26.51	30.53	2.76	1.06	n/a	0.85	2.69	20.73	24.84	61.07	13.51	
20:00	47.25	49.68	51.77	58.93	68.54	5.48	2.30	n/a	0.87	4.64	39.94	47.03	36.23	13.61	
21:00	49.78	51.93	53.51	59.15	66.20	5.20	2.43	n/a	0.89	5.13	29.41	37.25	33.17	13.67	
22:00	37.90	39.18	40.16	44.54	52.07	3.82	1.99	n/a	0.90	3.56	24.59	30.02	37.15	12.92	
23:00	61.67	63.73	65.16	70.74	77.74	4.34	2.38	0.83	0.82	4.87	31.88	39.31	24.84	13.94	
24:00	110.26	114.39	116.56	124.93	136.21	9.25	5.05	1.25	0.83	7.80	40.24	52.16	9.64	15.29	
<b>Min</b>	<b>11.59</b>	<b>12.18</b>	<b>12.65</b>	<b>14.59</b>	<b>17.46</b>	<b>0.73</b>	<b>0.50</b>	<b>0.37</b>	<b>0.77</b>	<b>1.82</b>	<b>5.94</b>	<b>8.81</b>	<b>9.64</b>	<b>12.81</b>	
<b>Max</b>	<b>110.26</b>	<b>114.39</b>	<b>116.56</b>	<b>124.93</b>	<b>136.21</b>	<b>9.25</b>	<b>5.05</b>	<b>1.25</b>	<b>0.90</b>	<b>7.87</b>	<b>40.24</b>	<b>52.16</b>	<b>76.54</b>	<b>15.29</b>	
<b>Medie</b>	<b>37.87</b>	<b>39.16</b>	<b>40.08</b>	<b>43.05</b>	<b>47.00</b>	<b>2.95</b>	<b>1.68</b>	<b>0.74</b>	<b>0.82</b>	<b>3.96</b>	<b>19.09</b>	<b>25.14</b>	<b>42.57</b>	<b>13.59</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