

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
04 IANUARIE 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	74.45	76.05	77.11	77.83	78.91	5.59	3.24	1.14	0.87	25.90	21.46	61.03	0.51	12.24	0.008
2:00	80.77	82.59	83.84	86.12	89.16	7.11	4.00	1.08	0.87	23.79	22.03	58.38	0.59	12.16	
3:00	62.30	63.66	64.59	65.71	67.01	4.12	2.61	0.88	0.86	17.74	19.83	46.92	0.26	11.04	
4:00	45.83	46.97	47.86	48.69	49.51	3.78	2.16	0.94	0.84	14.60	19.79	42.10	0.22	11.26	
5:00	49.01	50.65	51.95	53.79	56.18	3.33	1.96	0.79	0.85	15.41	19.79	43.33	0.26	10.99	
6:00	55.55	58.05	60.18	63.20	66.43	4.95	2.46	0.92	0.85	17.23	19.55	45.88	0.30	10.90	
7:00	44.98	46.40	47.60	49.11	50.87	2.64	1.83	0.74	0.83	11.63	20.19	37.96	0.80	10.74	
8:00	48.79	50.08	50.99	52.10	53.00	4.40	2.29	0.89	0.85	29.09	23.02	67.48	0.32	11.45	
9:00	52.25	53.61	54.72	56.40	58.04	5.63	2.94	0.97	0.85	26.40	22.35	62.70	0.50	11.40	
10:00	54.07	55.94	57.55	61.02	64.52	6.34	3.42	1.03	0.86	32.80	23.07	73.18	0.71	11.85	
11:00	53.82	55.80	57.38	61.35	66.78	3.86	7.82	11.25	0.84	26.18	24.93	64.94	1.08	11.90	
12:00	68.33	70.81	72.82	77.78	83.93	5.36	4.12	2.04	0.86	34.94	29.77	83.17	1.24	12.56	
13:00	65.10	67.51	69.32	73.17	77.10	4.99	3.72	1.60	0.86	39.61	29.98	90.51	1.39	12.40	
14:00	99.43	102.98	105.67	111.43	118.74	13.11	7.19	2.13	0.87	44.90	35.37	103.99	1.69	12.97	
15:00	72.80	75.42	77.52	81.12	85.88	5.19	5.52	1.81	0.86	21.65	30.24	63.31	2.61	13.19	
16:00	62.79	65.11	67.12	69.93	72.97	4.82	3.56	1.11	0.93	39.51	33.13	93.50	1.04	12.22	
17:00	84.86	87.74	89.95	93.65	99.79	9.10	5.21	1.69	1.02	44.32	31.36	99.08	0.60	11.85	
18:00	111.36	114.95	117.60	121.70	126.64	12.58	6.47	1.77	1.05	55.70	34.79	119.91	0.65	12.14	
19:00	68.95	70.69	71.95	73.63	75.72	8.28	3.91	1.31	1.02	38.91	29.37	88.84	0.31	11.25	
20:00	86.18	88.12	89.45	90.74	92.36	12.49	5.67	1.53	1.06	46.91	26.49	98.17	0.47	11.30	
21:00	91.71	93.94	95.43	96.86	99.08	12.18	n/a	n/a	1.07	50.38	25.12	102.09	0.41	11.71	
22:00	119.46	122.42	124.62	126.30	128.53	12.64	6.33	1.76	1.09	61.56	26.87	120.93	0.64	15.11	
23:00	109.64	112.47	114.19	115.93	117.56	8.20	5.20	1.62	1.07	49.79	23.95	100.03	0.14	12.14	
24:00	67.47	69.37	70.73	71.53	72.75	5.25	3.36	1.29	1.03	30.72	21.83	68.78	n/a	11.16	
<b>Min</b>	<b>44.98</b>	<b>46.40</b>	<b>47.60</b>	<b>48.69</b>	<b>49.51</b>	<b>2.64</b>	<b>1.83</b>	<b>0.74</b>	<b>0.83</b>	<b>11.63</b>	<b>19.55</b>	<b>37.96</b>	<b>0.14</b>	<b>10.74</b>	
<b>Max</b>	<b>119.46</b>	<b>122.42</b>	<b>124.62</b>	<b>126.30</b>	<b>128.53</b>	<b>13.11</b>	<b>7.82</b>	<b>11.25</b>	<b>1.09</b>	<b>61.56</b>	<b>35.37</b>	<b>120.93</b>	<b>2.61</b>	<b>15.11</b>	
<b>Medie</b>	<b>72.08</b>	<b>74.22</b>	<b>75.84</b>	<b>78.29</b>	<b>81.31</b>	<b>6.91</b>	<b>4.13</b>	<b>1.75</b>	<b>0.92</b>	<b>33.32</b>	<b>25.60</b>	<b>76.51</b>	<b>0.73</b>	<b>11.91</b>	

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

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

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

Indice zilnic general	5
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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