

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
19 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	21.73	22.29	22.70	23.08	23.78	0.76	0.46	n/a	0.91	4.07	14.18	20.40	35.89	12.62	0.002
2:00	24.75	25.29	25.63	26.14	26.56	1.22	0.63	n/a	0.92	3.10	12.63	17.37	34.54	12.35	
3:00	23.91	24.39	24.67	25.14	25.45	0.84	0.49	n/a	0.91	2.80	12.66	16.93	34.26	13.47	
4:00	21.14	21.63	21.98	22.40	22.84	0.80	0.50	n/a	0.91	4.11	13.45	19.73	34.68	12.45	
5:00	21.70	22.20	22.52	23.41	24.46	0.90	0.52	n/a	0.91	3.48	13.04	18.36	34.19	12.21	
6:00	21.16	21.78	22.21	23.54	26.22	0.94	0.58	n/a	0.91	5.06	15.46	23.20	32.55	11.91	
7:00	23.76	24.65	25.43	27.44	31.03	1.81	1.17	n/a	0.91	4.98	21.76	29.37	26.31	12.67	
8:00	23.63	24.51	25.25	27.51	29.99	1.47	15.58	3.91	0.91	6.65	21.19	31.36	27.65	12.33	
9:00	23.49	24.42	25.09	27.73	31.64	1.15	n/a	n/a	0.91	4.16	15.79	22.14	29.79	11.48	
10:00	24.34	24.91	25.31	26.24	27.73	1.13	2.07	0.69	0.91	5.03	15.70	23.38	30.15	11.62	
11:00	24.83	25.76	26.51	28.75	31.26	1.90	3.59	2.46	0.91	6.62	20.67	30.78	27.83	17.50	
12:00	24.83	25.78	26.48	29.48	33.14	1.10	1.11	0.54	0.90	5.18	13.50	21.42	32.40	20.41	
13:00	24.32	25.16	25.85	27.89	30.74	1.01	1.38	0.63	0.90	4.76	11.19	18.46	35.13	18.52	
14:00	24.97	25.78	26.37	28.19	31.21	1.11	1.66	0.59	0.90	4.92	13.21	20.73	33.70	20.13	
15:00	27.01	27.97	28.54	30.67	33.84	1.23	1.23	0.46	0.90	4.76	16.67	23.94	29.25	18.12	
16:00	28.07	29.10	29.89	31.19	33.05	1.48	1.95	2.38	0.90	5.06	17.98	25.71	28.42	18.47	
17:00	26.60	27.50	28.14	29.63	31.66	1.12	0.93	n/a	0.89	4.12	14.14	20.43	31.01	19.63	
18:00	25.07	25.73	26.06	27.17	29.25	1.14	0.79	n/a	0.89	4.03	14.68	20.83	30.90	20.32	
19:00	26.59	27.26	27.61	28.55	32.80	1.24	0.83	n/a	0.89	5.22	17.66	25.64	28.87	17.43	
20:00	29.97	30.62	30.93	31.26	31.72	1.36	1.12	0.79	0.90	4.43	22.86	29.62	23.13	17.43	
21:00	38.22	39.09	39.60	40.15	40.95	1.85	1.59	4.45	0.90	4.86	25.35	32.78	20.29	22.46	
22:00	36.91	37.77	38.22	38.75	39.37	1.88	1.32	2.16	0.90	5.24	27.99	35.99	17.23	23.64	
23:00	42.05	43.26	43.99	45.85	50.10	2.02	1.87	0.77	0.90	5.89	33.64	42.64	10.68	21.85	
24:00	40.81	42.07	43.05	46.13	50.87	1.95	1.44	1.34	0.90	6.63	35.58	45.70	8.48	19.93	
<b>Min</b>	<b>21.14</b>	<b>21.63</b>	<b>21.98</b>	<b>22.40</b>	<b>22.84</b>	<b>0.76</b>	<b>0.46</b>	<b>0.46</b>	<b>0.89</b>	<b>2.80</b>	<b>11.19</b>	<b>16.93</b>	<b>8.48</b>	<b>11.48</b>	
<b>Max</b>	<b>42.05</b>	<b>43.26</b>	<b>43.99</b>	<b>46.13</b>	<b>50.87</b>	<b>2.02</b>	<b>15.58</b>	<b>4.45</b>	<b>0.92</b>	<b>6.65</b>	<b>35.58</b>	<b>45.70</b>	<b>35.89</b>	<b>23.64</b>	
<b>Medie</b>	<b>27.08</b>	<b>27.87</b>	<b>28.42</b>	<b>29.84</b>	<b>32.07</b>	<b>1.31</b>	<b>1.86</b>	<b>1.63</b>	<b>0.90</b>	<b>4.80</b>	<b>18.37</b>	<b>25.70</b>	<b>28.22</b>	<b>16.62</b>	

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

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