

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
10 DECEMBRIE 2020**



**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	12.45	13.01	13.43	14.12	14.63	1.40	1.16	0.97	0.87	3.16	11.03	15.85	22.06	9.84	0.008
2:00	9.66	10.14	10.51	11.18	11.96	0.94	0.98	0.94	0.87	2.82	8.43	12.75	25.08	9.91	
3:00	8.04	8.41	8.70	9.42	9.97	0.89	0.95	0.94	0.86	2.71	7.50	11.63	26.16	9.82	
4:00	17.35	17.90	18.30	19.09	19.94	2.01	1.63	1.05	0.88	4.20	11.39	17.81	18.07	9.99	
5:00	23.68	24.36	24.88	25.62	26.67	1.79	1.67	1.22	0.88	4.83	17.28	24.66	11.13	10.47	
6:00	21.67	22.50	23.12	24.07	24.83	2.06	1.97	1.12	0.89	6.01	22.65	31.83	10.31	10.26	
7:00	25.31	26.03	26.51	27.17	28.53	2.20	2.01	1.19	0.90	12.43	23.41	42.40	5.73	10.39	
8:00	31.25	32.26	33.03	34.18	35.10	4.53	3.52	1.42	0.92	32.33	33.50	82.90	2.74	11.29	
9:00	60.27	62.16	63.66	66.78	70.27	9.89	8.85	3.31	0.99	37.06	33.48	90.11	3.39	11.43	
10:00	74.01	76.90	79.02	85.24	93.90	6.95	5.35	1.99	0.99	36.74	35.66	91.81	4.18	12.06	
11:00	47.11	49.21	50.86	54.69	59.54	2.53	4.03	1.60	0.91	16.60	24.42	49.78	14.36	11.09	
12:00	14.76	15.50	16.14	17.54	19.27	1.61	n/a	n/a	0.91	4.60	12.90	19.92	24.08	10.01	
13:00	15.21	16.63	17.93	22.12	27.73	1.27	2.41	1.28	0.92	9.98	21.43	36.69	18.48	10.36	
14:00	16.68	19.00	21.38	28.54	39.17	1.52	9.81	11.80	0.88	7.67	20.15	31.88	21.93	10.65	
15:00	24.14	26.26	28.28	35.33	45.37	2.08	5.65	2.79	0.90	7.16	24.68	35.62	20.49	10.74	
16:00	21.94	24.27	26.58	33.78	42.01	2.12	2.89	1.53	0.97	6.70	22.82	33.07	16.24	9.88	
17:00	36.79	40.74	44.32	54.53	66.78	4.44	7.79	2.63	1.03	25.59	39.75	78.85	4.85	10.72	
18:00	43.50	47.07	50.16	60.59	72.62	3.52	5.50	2.25	0.97	59.35	48.77	139.47	2.71	12.01	
19:00	89.34	93.44	96.60	106.51	117.83	12.79	8.56	2.61	1.05	48.24	39.02	112.72	3.47	11.65	
20:00	123.17	127.85	131.27	139.73	150.16	11.71	8.04	2.72	1.09	52.49	36.75	116.95	3.36	11.77	
21:00	121.02	125.59	128.31	133.17	138.51	16.98	9.70	2.81	1.13	60.36	32.54	124.77	3.67	11.66	
22:00	142.89	147.27	150.00	154.23	159.99	10.19	7.77	3.21	1.16	63.49	31.41	128.43	3.27	11.77	
23:00	149.35	154.77	157.85	162.59	168.94	21.30	13.00	3.24	1.21	118.03	30.52	210.86	3.30	13.11	
24:00	91.63	95.48	97.93	101.24	105.15	8.21	6.28	2.17	1.05	107.93	29.05	193.98	2.24	12.32	
<b>Min</b>	<b>8.04</b>	<b>8.41</b>	<b>8.70</b>	<b>9.42</b>	<b>9.97</b>	<b>0.89</b>	<b>0.95</b>	<b>0.94</b>	<b>0.86</b>	<b>2.71</b>	<b>7.50</b>	<b>11.63</b>	<b>2.24</b>	<b>9.82</b>	
<b>Max</b>	<b>149.35</b>	<b>154.77</b>	<b>157.85</b>	<b>162.59</b>	<b>168.94</b>	<b>21.30</b>	<b>13.00</b>	<b>11.80</b>	<b>1.21</b>	<b>118.03</b>	<b>48.77</b>	<b>210.86</b>	<b>26.16</b>	<b>13.11</b>	
<b>Medie</b>	<b>50.88</b>	<b>53.20</b>	<b>54.95</b>	<b>59.23</b>	<b>64.54</b>	<b>5.54</b>	<b>5.20</b>	<b>2.38</b>	<b>0.97</b>	<b>30.44</b>	<b>25.77</b>	<b>72.28</b>	<b>11.30</b>	<b>10.97</b>	

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

Particule in suspensie (PM2,5)	5
Dioxid de azot (NO2)	2
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
-----------------------	---

\*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