

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
25 FEBRUARIE 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	Formal dehida
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	134.96	140.07	143.93	152.05	162.12	10.48	8.52	n/a	1.00	74.08	25.80	138.99	6.05	13.65	0.010
2:00	100.93	105.64	109.23	117.28	126.04	8.99	6.89	n/a	0.87	72.61	25.31	136.25	6.29	14.59	
3:00	73.94	77.74	80.75	86.08	91.55	6.98	5.52	n/a	0.83	63.66	23.31	120.58	5.95	14.91	
4:00	83.92	87.53	90.16	94.67	101.02	6.77	5.06	n/a	0.85	40.95	21.10	83.67	6.08	14.46	
5:00	83.37	87.15	89.53	91.04	92.42	6.94	5.68	n/a	0.85	44.37	22.41	90.20	5.99	13.79	
6:00	81.32	84.58	86.53	88.04	89.90	7.26	5.34	n/a	0.85	48.81	23.94	98.53	6.01	13.95	
7:00	70.20	74.85	78.68	82.40	86.11	6.08	n/a	n/a	0.83	99.75	23.83	176.25	5.88	15.32	
8:00	77.56	82.75	87.09	93.72	101.09	8.52	4.92	n/a	0.83	104.87	27.60	187.84	6.03	15.66	
9:00	95.73	100.71	103.17	105.57	110.43	11.19	9.51	2.21	0.85	89.88	28.60	165.92	6.10	15.05	
10:00	90.00	96.06	99.66	104.75	110.17	10.94	7.11	n/a	0.84	54.85	29.29	113.09	6.56	14.11	
11:00	83.10	89.72	93.67	100.61	109.57	5.94	4.13	n/a	0.83	77.74	34.45	153.24	6.76	14.84	
12:00	67.54	74.71	80.32	98.44	123.83	3.03	2.47	n/a	0.83	36.87	27.39	83.73	10.98	14.06	
13:00	50.19	56.65	62.68	79.67	104.21	3.09	2.20	n/a	0.87	15.54	22.48	46.23	24.07	14.06	
14:00	49.67	57.22	65.14	83.49	107.72	2.28	2.26	0.83	0.85	11.86	27.03	45.15	30.91	14.68	
15:00	46.09	53.55	61.51	79.85	102.92	2.14	1.65	0.87	0.90	10.37	27.41	43.27	33.33	14.05	
16:00	39.52	47.18	55.65	73.62	96.16	2.01	1.56	0.89	0.90	9.68	32.26	47.06	33.08	13.82	
17:00	39.94	49.34	59.88	82.60	107.86	2.01	2.01	n/a	0.90	6.81	31.24	41.64	35.37	14.19	
18:00	35.23	45.72	57.51	82.09	111.95	2.47	2.51	n/a	0.90	5.89	39.12	48.11	30.21	14.30	
19:00	53.83	65.13	77.37	100.71	128.58	10.00	7.07	n/a	0.86	23.35	61.63	97.31	10.51	15.10	
20:00	73.29	83.56	94.78	110.72	129.01	9.19	4.63	n/a	0.82	12.19	41.58	60.21	13.76	15.11	
21:00	131.99	143.75	154.76	169.88	186.70	24.98	10.87	2.47	0.87	21.93	41.60	75.11	10.13	15.38	
22:00	201.23	218.44	233.19	254.93	282.05	23.84	12.45	2.85	0.92	46.67	42.51	113.82	7.06	15.21	
23:00	162.35	175.07	186.53	200.43	215.42	9.12	5.57	1.84	0.91	86.91	39.80	172.59	6.02	15.46	
24:00	121.01	131.95	142.49	153.36	165.26	16.21	9.75	2.39	0.91	76.96	36.06	153.65	6.13	14.97	
<b>Min</b>	<b>35.23</b>	<b>45.72</b>	<b>55.65</b>	<b>73.62</b>	<b>86.11</b>	<b>2.01</b>	<b>1.56</b>	<b>0.83</b>	<b>0.82</b>	<b>5.89</b>	<b>21.10</b>	<b>41.64</b>	<b>5.88</b>	<b>13.65</b>	
<b>Max</b>	<b>201.23</b>	<b>218.44</b>	<b>233.19</b>	<b>254.93</b>	<b>282.05</b>	<b>24.98</b>	<b>12.45</b>	<b>2.85</b>	<b>1.00</b>	<b>104.87</b>	<b>61.63</b>	<b>187.84</b>	<b>35.37</b>	<b>15.66</b>	
<b>Medie</b>	<b>85.29</b>	<b>92.88</b>	<b>99.76</b>	<b>111.92</b>	<b>126.75</b>	<b>8.35</b>	<b>5.55</b>	<b>1.80</b>	<b>0.87</b>	<b>47.36</b>	<b>31.49</b>	<b>103.85</b>	<b>13.30</b>	<b>14.61</b>	

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

Particule in suspensie (PM2,5)	6
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	5

Indice zilnic general **6**

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

\*Metoda de determinare utilizată de analizoarele ce compun sistemul este metoda automată

**Limite maxime admise**

Monoxid de carbon - (CO)	<b>10 mg/mc</b> - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Ozon - (O3)	<b>120 µg/mc</b> - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Dioxid de azot- (NO2)	<b>200 µg/mc</b> limita orara ; <b>40 µg/mc</b> limita anuala	Legea 104/2011
Dioxid de sulf - (SO2)	<b>350 µg/mc</b> limita orara ; <b>125 µg/mc</b> limita zilnica	Legea 104/2011
Pulberi in suspensie (PM10)	<b>50 µg/mc</b> limita zilnica ; <b>40 µg/mc</b> limita anuala ;	Legea 104/2011
Pulberi in suspensie (PM2.5)	<b>20 µg/mc</b> limita anuala	Legea 104/2011
Benzen - (C6H6)	<b>5 µg/mc</b> limita anuala	Legea 104/2011
Formaldehida - (CHOH)	<b>0.012 mg/mc</b> media la 24 h	STAS 12574/87