

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

17 FEBRUARIE 2020



## DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE - Amplasament: Str. M. 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 dehid
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	104.09	108.03	110.22	113.95	118.49	5.86	7.53	7.23	1.80	37.57	34.64	92.06	2.41	3.29	0.013
2:00	56.52	58.21	59.26	61.23	63.48	4.08	5.54	6.94	1.14	32.59	33.38	83.18	2.02	3.30	
3:00	49.72	51.47	52.60	56.19	60.83	2.96	5.17	6.55	1.04	22.54	31.29	65.74	2.09	2.98	
4:00	47.76	49.30	50.29	52.69	55.53	2.36	4.46	6.39	0.90	17.39	30.37	56.95	2.33	2.95	
5:00	45.06	46.92	48.10	51.71	57.49	2.65	4.06	5.98	0.83	26.89	32.73	73.81	1.96	2.85	
6:00	53.95	56.72	58.71	65.67	75.33	3.21	4.60	5.86	1.06	51.04	34.42	112.43	2.09	3.36	
7:00	62.86	66.80	70.07	82.26	99.36	4.88	4.95	5.91	1.39	71.10	36.46	145.08	2.31	4.14	
8:00	71.31	76.86	81.28	105.38	141.85	5.28	6.49	5.93	1.54	93.83	41.54	184.91	2.81	4.58	
9:00	105.51	112.06	117.38	143.20	182.88	7.53	6.62	5.46	1.78	85.20	56.11	186.29	4.43	4.95	
10:00	84.71	89.63	93.46	110.94	136.14	4.41	5.99	5.38	1.07	36.40	48.38	103.99	12.12	3.82	
11:00	73.83	80.78	86.36	112.56	155.16	2.49	3.98	4.90	0.63	26.02	45.78	85.53	15.88	5.02	
12:00	73.80	80.28	85.78	107.37	139.60	2.14	4.14	5.53	0.61	17.09	43.98	70.10	24.83	4.50	
13:00	51.78	55.08	57.48	68.91	88.10	1.59	3.61	5.83	0.48	7.06	22.55	33.33	44.49	3.18	
14:00	40.83	43.43	45.45	53.67	67.09	n/a	n/a	5.64	0.46	4.59	19.48	26.49	50.67	3.11	
15:00	44.63	48.16	50.73	66.22	90.33	n/a	n/a	n/a	0.59	5.18	23.15	31.08	54.91	3.83	
16:00	45.29	49.86	53.00	72.38	101.95	0.13	0.30	0.61	0.80	3.91	25.97	31.95	52.94	3.26	
17:00	51.15	57.13	61.44	88.93	128.77	0.17	0.32	0.63	0.59	5.26	44.84	52.88	34.43	3.46	
18:00	79.77	91.93	101.24	155.79	230.96	0.34	0.40	0.72	1.11	15.63	58.49	82.37	18.64	3.70	
19:00	101.32	106.94	111.49	128.53	151.03	0.47	0.59	0.81	1.52	20.75	56.34	88.04	5.06	3.56	
20:00	130.26	136.40	141.07	152.92	170.79	0.79	0.80	0.86	1.98	24.39	50.62	87.89	5.46	3.64	
21:00	176.51	184.27	188.73	200.09	214.41	0.88	1.16	0.90	3.00	40.46	49.98	111.79	3.79	3.82	
22:00	226.98	238.03	244.16	258.43	279.60	1.36	1.29	0.93	3.41	93.04	47.93	190.10	2.87	4.77	
23:00	111.83	116.69	119.59	126.55	134.84	0.57	0.87	0.91	1.61	42.96	42.89	108.53	1.37	3.27	
24:00	103.21	107.23	109.44	115.41	123.43	0.55	0.95	1.12	1.68	48.22	37.14	110.83	2.56	3.53	
<b>Min</b>	<b>40.83</b>	<b>43.43</b>	<b>45.45</b>	<b>51.71</b>	<b>55.53</b>	<b>0.13</b>	<b>0.30</b>	<b>0.61</b>	<b>0.46</b>	<b>3.91</b>	<b>19.48</b>	<b>26.49</b>	<b>1.37</b>	<b>2.85</b>	
<b>Max</b>	<b>226.98</b>	<b>238.03</b>	<b>244.16</b>	<b>258.43</b>	<b>279.60</b>	<b>7.53</b>	<b>7.53</b>	<b>7.23</b>	<b>3.41</b>	<b>93.83</b>	<b>58.49</b>	<b>190.10</b>	<b>54.91</b>	<b>5.02</b>	
<b>Medie</b>	<b>83.03</b>	<b>88.01</b>	<b>91.55</b>	<b>106.29</b>	<b>127.81</b>	<b>2.49</b>	<b>3.36</b>	<b>3.96</b>	<b>1.29</b>	<b>34.55</b>	<b>39.52</b>	<b>92.31</b>	<b>14.69</b>	<b>3.70</b>	

**Indice privind calitatea aerului in Municipiul Sebes - Ordin 1095/2007**

Monoxid de Carbon (CO)	1
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Pulberi in suspensie (PM10)	6

1	Excelent
2	Foarte bun
3	Bun
4	Mediu
5	Rau
6	Foarte rau

Indice zilnic general	6
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**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