

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
21 OCTOMBRIE 2020**



**DATE CALITATE AER MUNICIPIUL SEBES -  
SISTEM PROPRIU DE MASURARE - Amplasament: SEBES , str. Viilor nr. 8  
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	58.12	61.27	64.01	74.00	86.98	8.00	5.29	2.06	1.30	48.60	20.88	95.15	1.53	6.74	0.002
2:00	51.37	53.53	55.47	58.99	62.89	4.48	3.26	1.56	1.05	52.93	22.79	103.66	0.98	6.54	
3:00	28.13	29.54	30.82	33.74	36.84	2.19	1.66	1.22	0.68	48.52	21.88	96.02	0.74	6.14	
4:00	24.87	25.94	26.92	28.93	31.18	1.85	1.34	1.23	0.62	30.87	20.32	67.49	1.37	6.50	
5:00	24.67	25.72	26.76	29.02	31.27	1.98	1.41	1.10	0.60	18.61	19.12	47.56	1.36	6.54	
6:00	19.48	20.41	21.20	23.74	26.69	1.19	0.94	0.96	0.54	17.51	18.85	45.60	1.25	6.58	
7:00	19.67	20.75	21.88	24.58	27.54	1.65	1.14	0.92	0.57	44.30	17.85	85.54	1.27	7.25	
8:00	51.06	52.76	54.17	58.76	63.90	6.84	3.03	1.21	0.85	88.25	21.05	155.89	2.11	9.02	
9:00	32.16	34.39	36.51	43.72	51.68	3.09	1.75	0.98	0.67	84.72	24.14	153.58	1.54	8.92	
10:00	27.22	28.89	30.38	36.01	44.73	1.68	1.43	1.11	0.62	63.00	20.22	116.48	1.85	8.01	
11:00	52.05	56.07	59.21	69.48	85.85	4.41	3.24	1.26	0.86	53.89	27.41	109.75	4.32	7.96	
12:00	45.24	50.92	56.27	76.29	104.37	2.11	2.18	1.14	0.71	25.54	24.62	63.65	10.53	7.25	
13:00	36.99	39.12	41.03	47.62	57.02	1.42	1.62	1.19	0.54	17.59	24.21	51.09	17.46	8.73	
14:00	50.17	54.60	58.40	76.48	104.09	1.18	1.64	1.33	0.53	15.29	24.63	48.00	24.63	6.71	
15:00	25.43	29.97	34.34	52.88	79.62	1.18	1.42	1.54	0.50	6.55	14.92	24.91	28.64	6.23	
16:00	24.93	30.10	35.49	56.03	85.63	1.34	1.86	1.52	0.55	7.07	15.62	26.42	19.82	5.87	
17:00	24.10	27.05	30.00	42.35	58.80	1.26	2.14	1.49	0.53	6.36	20.56	30.28	18.58	5.92	
18:00	31.42	35.32	38.92	55.69	77.11	2.10	2.06	1.56	0.59	7.78	29.20	41.09	14.72	6.29	
19:00	72.69	78.00	82.66	101.81	127.06	7.75	5.94	2.44	1.23	16.22	42.73	67.51	6.36	7.28	
20:00	109.80	118.50	125.93	159.72	203.58	11.53	6.71	2.78	1.86	33.74	39.69	91.25	4.19	7.87	
21:00	156.15	166.89	175.55	214.36	264.32	24.57	10.41	3.16	2.40	38.37	31.95	90.58	1.93	8.05	
22:00	131.71	139.07	144.43	160.53	179.30	16.79	n/a	n/a	1.61	52.47	24.27	104.44	1.59	7.51	
23:00	52.88	55.95	58.22	65.62	74.35	4.26	3.00	1.71	0.84	63.93	24.42	122.11	0.70	7.35	
24:00	54.62	57.03	58.97	63.98	70.00	4.13	2.64	1.55	0.91	60.61	20.86	113.46	0.69	7.01	
<b>Min</b>	<b>19.48</b>	<b>20.41</b>	<b>21.20</b>	<b>23.74</b>	<b>26.69</b>	<b>1.18</b>	<b>0.94</b>	<b>0.92</b>	<b>0.50</b>	<b>6.36</b>	<b>14.92</b>	<b>24.91</b>	<b>0.69</b>	<b>5.87</b>	
<b>Max</b>	<b>156.15</b>	<b>166.89</b>	<b>175.55</b>	<b>214.36</b>	<b>264.32</b>	<b>24.57</b>	<b>10.41</b>	<b>3.16</b>	<b>2.40</b>	<b>88.25</b>	<b>42.73</b>	<b>155.89</b>	<b>28.64</b>	<b>9.02</b>	
<b>Medie</b>	<b>50.20</b>	<b>53.82</b>	<b>56.98</b>	<b>68.93</b>	<b>84.78</b>	<b>4.87</b>	<b>2.87</b>	<b>1.52</b>	<b>0.88</b>	<b>37.61</b>	<b>23.84</b>	<b>81.31</b>	<b>7.01</b>	<b>7.18</b>	

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

Monoxid de Carbon (CO)	1
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Pulberi in suspensie (PM10)	5

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

Indice zilnic general	5
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sld-sub limita de detectie

\*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