

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES**  
**02 NOIEMBRIE 2020**



**DATE CALITATE AER MUNICIPIUL SEBES -**  
**SISTEM PROPRIU DE MASURARE - Amplasament: SEBES , str. Occidentului nr. 3**

**Valori medii orare**

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formaldehidă
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	28.59	30.24	31.93	35.88	40.91	3.84	3.01	2.87	0.95	25.00	21.54	59.73	0.10	8.33	0.003
2:00	37.71	39.63	41.48	44.64	48.41	3.59	6.08	7.07	1.09	10.11	17.04	32.49	0.33	7.95	
3:00	30.89	32.42	33.97	36.47	39.11	2.35	4.32	5.54	0.86	8.41	12.60	25.46	0.55	7.93	
4:00	25.56	26.99	28.42	31.85	34.76	2.13	2.22	1.96	0.79	11.16	14.76	31.81	0.03	7.66	
5:00	19.59	20.80	22.13	24.97	28.16	1.24	1.65	1.72	0.68	16.29	16.73	41.62	1.26	7.88	
6:00	14.32	15.31	16.47	19.40	23.21	0.81	0.94	1.34	0.57	14.54	18.85	41.07	0.18	7.82	
7:00	16.41	17.70	19.38	22.43	25.36	1.25	1.43	1.35	0.63	29.26	20.01	64.72	0.36	8.15	
8:00	18.65	20.67	22.76	30.68	42.78	2.36	2.39	2.56	0.69	22.55	20.08	54.54	0.38	8.04	
9:00	20.60	26.12	31.50	58.12	98.72	3.36	148.03	182.88	0.64	23.42	21.08	56.86	1.66	8.99	
10:00	24.78	28.25	31.78	42.47	56.01	5.19	166.30	215.61	0.73	21.85	20.63	54.00	2.97	8.94	
11:00	30.88	36.00	40.63	63.96	100.74	2.95	11.70	25.93	0.71	30.40	26.02	72.47	4.18	8.44	
12:00	32.52	39.11	45.48	71.54	109.46	1.66	19.54	24.26	0.65	21.02	27.25	59.36	8.52	8.76	
13:00	18.76	21.32	24.05	31.92	42.49	0.99	12.33	21.93	0.51	7.56	14.48	26.04	13.78	8.43	
14:00	20.27	22.58	24.96	32.13	43.12	1.35	8.33	9.46	0.58	7.13	15.53	26.43	16.41	7.76	
15:00	13.07	15.62	18.18	27.48	40.26	2.24	139.72	166.48	0.48	5.70	15.36	24.07	24.41	7.69	
16:00	20.18	22.73	24.63	30.89	40.78	0.83	7.37	25.19	0.50	2.86	11.95	16.32	26.28	7.44	
17:00	19.50	22.69	25.61	34.32	44.92	0.69	n/a	n/a	0.56	10.89	32.55	49.19	8.03	7.58	
18:00	36.36	42.25	47.30	71.40	104.62	9.86	32.35	65.44	0.88	29.16	40.94	85.51	0.12	8.69	
19:00	42.32	48.68	54.34	77.58	108.79	5.76	14.42	45.91	0.86	25.12	39.24	77.63	0.24	8.73	
20:00	43.45	50.42	55.73	78.40	107.12	3.10	42.55	113.60	1.07	33.02	35.71	86.17	0.16	8.85	
21:00	72.88	80.91	85.30	97.02	110.47	2.56	16.56	60.37	0.94	32.78	33.84	83.93	n/a	8.54	
22:00	54.06	58.09	60.80	68.03	76.22	9.91	10.70	25.98	1.06	14.89	32.23	54.99	0.57	8.01	
23:00	40.01	43.08	45.47	49.98	53.83	2.93	7.15	19.72	0.81	10.16	31.05	46.58	0.20	7.90	
24:00	36.86	39.63	42.12	45.13	47.77	2.59	11.57	36.12	0.83	22.69	29.20	63.86	n/a	8.43	
<b>Min</b>	<b>13.07</b>	<b>15.31</b>	<b>16.47</b>	<b>19.40</b>	<b>23.21</b>	<b>0.69</b>	<b>0.94</b>	<b>1.34</b>	<b>0.48</b>	<b>2.86</b>	<b>11.95</b>	<b>16.32</b>	<b>0.03</b>	<b>7.44</b>	
<b>Max</b>	<b>72.88</b>	<b>80.91</b>	<b>85.30</b>	<b>97.02</b>	<b>110.47</b>	<b>9.91</b>	<b>166.30</b>	<b>215.61</b>	<b>1.09</b>	<b>33.02</b>	<b>40.94</b>	<b>86.17</b>	<b>26.28</b>	<b>8.99</b>	
<b>Medie</b>	<b>29.93</b>	<b>33.39</b>	<b>36.43</b>	<b>46.95</b>	<b>61.17</b>	<b>3.06</b>	<b>29.16</b>	<b>46.23</b>	<b>0.75</b>	<b>18.17</b>	<b>23.69</b>	<b>51.45</b>	<b>5.03</b>	<b>8.21</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)	4

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

Indice zilnic general	4
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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