

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

2 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	5.94	6.57	7.12	8.81	11.03	0.86	3.25	35.03	0.25	1.67	8.74	11.30	55.57	3.35	0.004
2:00	6.45	7.05	7.57	8.96	10.28	0.77	n/a	n/a	0.26	1.56	10.20	12.58	52.91	5.41	
3:00	5.55	5.96	6.33	7.10	8.06	0.73	3.11	34.44	0.23	1.25	5.98	7.90	58.39	8.03	
4:00	5.80	6.30	6.83	7.78	8.94	0.76	3.20	36.68	0.24	1.07	7.25	8.89	57.72	10.74	
5:00	4.65	5.16	5.71	6.30	7.18	0.66	3.18	36.33	0.23	1.12	6.16	7.87	60.20	10.93	
6:00	4.87	5.37	5.88	6.52	7.26	0.65	3.17	35.73	0.22	1.44	8.32	10.52	57.40	26.85	
7:00	6.31	6.93	7.53	8.35	9.19	0.80	3.18	35.72	0.24	1.61	8.28	10.75	53.53	28.33	
8:00	6.53	7.18	7.74	9.20	10.69	0.85	3.11	34.94	0.25	2.10	9.02	12.22	54.15	19.79	
9:00	6.81	7.46	8.05	9.17	11.18	0.75	2.74	31.66	0.24	1.82	8.43	11.23	53.19	20.56	
10:00	6.34	6.95	7.44	8.78	10.67	0.79	2.59	8.93	0.24	1.79	8.24	10.97	51.82	13.67	
11:00	5.69	6.13	6.53	7.21	8.28	0.71	2.62	29.69	0.23	1.87	6.64	9.49	53.74	8.75	
12:00	6.03	6.52	6.99	7.43	7.88	0.73	2.68	29.71	0.24	1.95	9.01	11.99	50.45	12.87	
13:00	5.27	5.77	6.22	7.60	9.83	0.60	2.49	30.05	0.21	1.37	4.41	6.50	63.11	5.13	
14:00	3.84	4.30	4.71	5.86	7.17	0.50	2.20	25.40	0.20	1.08	3.83	5.48	71.57	3.86	
15:00	3.12	3.68	4.14	6.15	9.51	0.45	2.09	7.74	0.20	0.88	4.57	5.91	75.14	2.93	
16:00	1.35	1.81	2.27	3.77	5.67	0.35	2.00	26.04	0.18	0.97	5.72	7.21	80.08	3.26	
17:00	1.62	2.03	2.38	3.64	5.52	0.59	2.42	30.80	0.19	1.34	7.17	9.23	80.08	3.72	
18:00	1.81	2.23	2.62	3.97	5.86	0.41	2.25	28.61	0.21	1.37	8.58	10.68	75.20	2.59	
19:00	2.06	2.47	2.89	3.77	4.74	0.47	2.35	28.95	0.21	1.21	8.19	10.04	70.34	2.87	
20:00	4.15	4.55	4.89	5.63	6.79	0.77	2.51	30.60	0.24	1.62	11.48	13.96	62.48	2.05	
21:00	4.49	4.95	5.29	6.41	7.72	0.75	2.59	29.97	0.25	1.47	10.65	12.88	61.43	2.33	
22:00	9.40	10.07	10.70	11.92	13.16	0.79	2.71	30.13	0.49	2.06	20.69	23.83	48.83	2.56	
23:00	32.87	34.34	35.45	37.73	40.70	3.26	3.94	31.66	0.83	2.31	33.72	37.26	27.60	3.53	
24:00	15.40	16.48	17.29	19.70	22.77	1.89	n/a	n/a	0.40	4.15	24.29	30.63	41.56	2.36	
<b>Min</b>	<b>1.35</b>	<b>1.81</b>	<b>2.27</b>	<b>3.64</b>	<b>4.74</b>	<b>0.35</b>	<b>2.00</b>	<b>7.74</b>	<b>0.18</b>	<b>0.88</b>	<b>3.83</b>	<b>5.48</b>	<b>27.60</b>	<b>2.05</b>	
<b>Max</b>	<b>32.87</b>	<b>34.34</b>	<b>35.45</b>	<b>37.73</b>	<b>40.70</b>	<b>3.26</b>	<b>3.94</b>	<b>36.68</b>	<b>0.83</b>	<b>4.15</b>	<b>33.72</b>	<b>37.26</b>	<b>80.08</b>	<b>28.33</b>	
<b>Medie</b>	<b>6.52</b>	<b>7.09</b>	<b>7.61</b>	<b>8.82</b>	<b>10.42</b>	<b>0.83</b>	<b>2.74</b>	<b>29.49</b>	<b>0.27</b>	<b>1.63</b>	<b>9.98</b>	<b>12.47</b>	<b>59.02</b>	<b>8.60</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)	3
Pulberi in suspensie (PM10)	1

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

**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