

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

6 MARTIE 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 dehidra
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	48.42	49.90	51.00	54.13	58.09	4.11	6.16	10.27	1.17	8.36	23.81	36.57	4.58	2.61	0.005
2:00	56.11	57.84	59.02	62.06	65.37	3.75	6.44	9.71	1.37	12.28	26.45	45.20	1.80	2.62	
3:00	35.43	36.83	37.48	38.69	40.29	1.88	5.40	10.73	0.69	13.14	25.93	46.00	5.80	2.93	
4:00	20.60	21.25	21.51	21.86	22.28	1.20	4.63	9.83	0.47	1.85	16.42	19.25	15.43	2.83	
5:00	16.58	17.04	17.28	17.65	17.97	0.95	4.01	9.56	0.40	2.20	15.81	19.17	20.12	2.83	
6:00	13.65	14.13	14.39	14.52	14.87	0.87	4.01	9.68	0.43	1.94	15.01	17.97	23.08	2.77	
7:00	15.13	15.81	16.23	17.40	19.03	1.07	n/a	n/a	0.49	7.60	26.34	37.94	11.56	2.83	
8:00	16.01	17.00	17.61	20.59	25.35	1.15	3.82	9.79	0.50	5.75	20.71	29.49	14.24	2.81	
9:00	24.43	25.86	26.81	30.54	35.48	1.96	3.49	8.04	0.61	7.84	26.24	38.23	10.38	2.87	
10:00	18.07	18.88	19.41	20.78	22.62	0.94	3.33	8.36	0.44	4.24	13.69	20.17	25.88	2.53	
11:00	12.35	12.87	13.23	14.16	15.76	0.94	3.24	8.46	0.40	3.00	8.49	13.07	33.54	2.48	
12:00	9.43	9.83	10.16	11.20	12.87	0.71	3.14	7.87	0.37	2.28	7.38	10.88	39.46	2.60	
13:00	10.30	10.82	11.27	12.83	14.38	0.68	2.88	8.04	0.34	2.06	7.50	10.65	40.96	2.68	
14:00	12.40	13.35	14.10	18.01	24.35	0.59	3.18	8.41	0.35	3.65	12.65	18.23	38.72	3.28	
15:00	17.78	19.34	20.59	25.70	32.47	0.60	3.54	9.10	0.35	7.03	21.69	32.43	32.85	6.12	
16:00	20.74	22.41	23.83	29.46	37.26	1.00	3.91	9.32	0.40	6.58	25.07	35.13	30.90	5.50	
17:00	22.10	23.92	25.50	32.05	41.33	0.71	4.10	9.63	0.44	7.55	32.15	43.69	25.17	4.59	
18:00	30.60	33.16	35.36	44.39	58.39	1.73	4.95	10.35	0.54	12.21	46.74	65.39	12.95	5.86	
19:00	37.87	40.22	42.36	49.27	58.87	1.54	4.81	9.81	0.75	5.39	42.29	50.53	14.95	4.55	
20:00	51.44	53.91	55.81	64.48	76.83	2.01	7.19	10.88	0.95	25.01	51.67	89.89	1.36	3.84	
21:00	26.37	27.87	29.12	34.45	41.28	1.02	4.76	10.92	0.48	9.45	36.96	51.40	9.54	3.40	
22:00	44.37	46.15	47.48	51.91	57.15	2.59	5.00	11.38	1.03	11.68	38.71	56.56	5.25	3.43	
23:00	53.09	54.94	56.42	60.58	65.79	2.87	5.16	11.14	1.07	20.17	40.25	71.06	1.60	3.50	
24:00	41.25	42.90	43.99	47.45	52.15	2.19	5.88	11.03	0.93	20.65	35.97	67.53	1.51	3.48	
<b>Min</b>	<b>9.43</b>	<b>9.83</b>	<b>10.16</b>	<b>11.20</b>	<b>12.87</b>	<b>0.59</b>	<b>2.88</b>	<b>7.87</b>	<b>0.34</b>	<b>1.85</b>	<b>7.38</b>	<b>10.65</b>	<b>1.36</b>	<b>2.48</b>	
<b>Max</b>	<b>56.11</b>	<b>57.84</b>	<b>59.02</b>	<b>64.48</b>	<b>76.83</b>	<b>4.11</b>	<b>7.19</b>	<b>11.38</b>	<b>1.37</b>	<b>25.01</b>	<b>51.67</b>	<b>89.89</b>	<b>40.96</b>	<b>6.12</b>	
<b>Medie</b>	<b>27.27</b>	<b>28.59</b>	<b>29.58</b>	<b>33.09</b>	<b>37.93</b>	<b>1.54</b>	<b>4.48</b>	<b>9.67</b>	<b>0.62</b>	<b>8.41</b>	<b>25.75</b>	<b>38.60</b>	<b>17.57</b>	<b>3.46</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)	4

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

Indice zilnic general	4
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\*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