

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

26 APRILIE 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	5.36	6.78	8.26	13.13	23.38	0.14	0.71	2.05	0.25	0.43	4.61	5.28	83.04	4.52	0.002
2:00	5.77	7.24	8.69	13.77	21.13	sld	0.83	2.15	0.25	0.64	5.83	6.79	73.02	4.77	
3:00	6.01	7.43	8.83	14.02	22.52	sld	0.90	2.12	0.24	0.58	6.55	7.43	67.23	4.66	
4:00	16.60	22.22	26.75	32.54	42.07	0.38	2.32	2.33	0.34	0.74	9.25	10.38	51.98	4.68	
5:00	12.36	15.25	17.68	22.52	31.80	0.64	1.82	2.19	0.31	0.84	9.96	11.25	41.81	4.59	
6:00	8.57	10.12	11.71	15.89	22.51	0.25	0.99	1.92	0.31	1.19	9.10	10.92	36.72	4.46	
7:00	10.52	12.54	14.33	21.15	30.25	0.44	1.48	2.00	0.31	1.24	11.89	13.79	27.67	4.41	
8:00	12.33	14.83	17.03	26.50	39.87	0.41	1.08	1.85	0.30	2.41	12.22	15.91	28.23	4.34	
9:00	11.68	14.18	16.42	27.06	42.50	0.28	0.99	1.67	0.26	2.12	10.96	14.19	45.35	5.18	
10:00	11.13	13.61	15.99	26.02	45.00	0.18	0.62	1.68	0.24	3.05	14.39	19.05	59.30	7.37	
11:00	8.14	10.18	12.43	18.86	29.06	sld	0.63	1.73	0.23	1.01	4.57	6.11	77.04	5.46	
12:00	5.76	7.20	8.71	13.45	20.29	sld	0.39	1.57	0.21	0.63	2.94	3.89	86.73	5.25	
13:00	5.06	6.38	7.84	11.68	16.31	sld	0.47	1.85	0.20	0.72	5.11	6.20	84.32	5.63	
14:00	5.98	7.63	9.14	15.98	28.62	0.12	0.57	1.92	0.21	0.75	5.02	6.16	84.47	5.56	
15:00	4.50	5.85	7.20	12.82	22.50	sld	0.63	2.03	0.20	0.66	3.88	4.89	86.51	4.97	
16:00	4.16	5.20	6.21	10.13	16.30	0.17	0.51	2.06	0.20	0.68	4.29	5.32	88.10	5.15	
17:00	4.37	5.55	6.82	11.66	21.25	0.13	0.49	2.06	0.19	0.60	3.02	3.92	91.49	4.93	
18:00	5.74	7.07	8.22	15.00	26.79	0.18	0.53	1.99	0.21	0.62	4.69	5.63	86.82	5.34	
19:00	9.55	11.10	12.54	19.48	30.17	0.17	0.57	1.98	0.25	0.80	4.81	6.03	83.84	4.69	
20:00	10.42	11.99	13.41	19.00	27.50	0.44	0.67	2.38	0.26	0.78	6.13	7.33	81.19	4.38	
21:00	11.60	13.15	14.28	20.43	29.01	0.53	0.93	2.01	0.33	0.94	9.50	10.94	74.07	4.76	
22:00	24.51	26.66	28.37	35.30	45.10	4.19	2.68	2.44	0.53	1.02	15.48	17.04	60.76	5.63	
23:00	34.26	37.27	39.68	48.23	60.25	4.14	2.92	2.58	0.68	1.35	25.05	27.11	36.11	6.16	
24:00	40.40	44.58	47.66	58.67	73.35	2.33	2.13	2.59	0.75	1.30	20.40	22.39	36.08	5.44	
<b>Min</b>	<b>4.16</b>	<b>5.20</b>	<b>6.21</b>	<b>10.13</b>	<b>16.30</b>	<b>0.12</b>	<b>0.39</b>	<b>1.57</b>	<b>0.19</b>	<b>0.43</b>	<b>2.94</b>	<b>3.89</b>	<b>27.67</b>	<b>4.34</b>	
<b>Max</b>	<b>40.40</b>	<b>44.58</b>	<b>47.66</b>	<b>58.67</b>	<b>73.35</b>	<b>4.19</b>	<b>2.92</b>	<b>2.59</b>	<b>0.75</b>	<b>3.05</b>	<b>25.05</b>	<b>27.11</b>	<b>91.49</b>	<b>7.37</b>	
<b>Medie</b>	<b>11.45</b>	<b>13.50</b>	<b>15.34</b>	<b>21.80</b>	<b>31.98</b>	<b>0.84</b>	<b>1.08</b>	<b>2.05</b>	<b>0.30</b>	<b>1.05</b>	<b>8.74</b>	<b>10.33</b>	<b>65.50</b>	<b>5.10</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)	3

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

Indice zilnic general	3
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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