

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

28 MAI 2020



## DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE - Amplasament: PETRESTI str. 1 MAI nr. 68

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	4.73	5.58	6.56	9.03	11.86	0.49	0.92	n/a	0.35	0.97	6.85	8.32	43.78	5.37	<0.001
2:00	3.86	4.73	5.72	8.73	11.72	0.46	1.05	5.86	0.33	1.31	5.01	7.00	43.98	5.61	
3:00	3.01	4.00	5.22	8.77	12.98	0.41	n/a	n/a	0.36	1.09	5.20	6.86	38.99	5.72	
4:00	2.65	3.74	5.08	9.37	13.24	0.29	1.08	n/a	0.28	1.65	5.25	7.77	35.39	5.70	
5:00	2.52	3.73	5.13	10.76	16.78	0.28	1.04	5.67	0.31	1.13	5.33	7.06	32.32	5.78	
6:00	2.93	4.27	5.79	12.21	19.32	0.33	1.31	5.81	0.32	6.91	14.92	25.47	21.80	5.63	
7:00	4.39	5.74	7.26	12.89	20.08	0.43	1.43	5.62	0.30	5.97	13.76	22.89	14.82	5.33	
8:00	6.36	7.89	9.64	15.09	21.93	1.24	2.61	6.07	0.30	9.08	13.99	27.87	17.40	5.67	
9:00	4.14	5.44	6.96	12.18	18.29	0.57	1.73	5.94	0.26	5.58	8.65	17.17	27.62	5.95	
10:00	5.80	7.65	9.87	16.02	24.20	0.83	3.56	6.00	0.33	4.24	9.71	16.19	30.15	6.51	
11:00	4.87	6.06	7.42	11.54	17.21	0.40	1.31	5.77	0.27	2.33	5.05	8.61	52.74	7.29	
12:00	4.18	4.85	5.66	7.44	8.93	0.31	1.04	5.68	0.22	1.66	5.88	8.41	63.53	6.04	
13:00	3.98	4.77	5.53	9.26	16.22	0.30	0.97	5.86	0.23	4.89	9.48	16.96	70.64	5.67	
14:00	4.55	5.37	6.24	9.12	12.96	0.29	1.18	5.78	0.26	3.88	13.57	19.49	64.44	5.61	
15:00	5.21	6.17	7.28	9.68	12.93	0.29	1.09	5.85	0.24	4.83	12.45	19.83	69.86	5.52	
16:00	2.63	3.37	4.09	7.79	13.71	0.25	0.93	5.88	0.25	5.00	9.88	17.51	76.25	5.33	
17:00	3.28	3.99	4.69	7.75	13.00	0.33	1.30	5.93	0.22	5.56	11.13	19.64	70.95	5.51	
18:00	3.08	3.67	4.32	6.35	8.52	0.32	1.17	6.26	0.27	1.62	8.22	10.70	68.85	5.38	
19:00	3.26	4.10	4.91	8.42	12.47	0.51	1.14	5.98	0.27	1.78	6.50	9.24	67.86	5.37	
20:00	4.45	5.66	6.81	12.11	21.00	0.54	1.06	5.96	0.31	2.94	10.89	15.38	60.53	5.34	
21:00	5.38	6.45	7.49	12.00	19.53	0.50	1.18	5.76	0.29	2.19	8.91	12.27	57.70	5.37	
22:00	6.15	6.93	7.65	10.42	13.35	0.84	1.13	6.06	0.30	1.08	4.84	6.49	60.77	5.54	
23:00	5.07	5.84	6.73	8.90	11.88	0.91	1.17	n/a	0.38	1.59	7.57	9.99	51.69	5.66	
24:00	3.61	4.23	4.91	7.22	10.53	0.42	0.92	5.41	0.26	0.75	3.28	4.41	54.47	5.48	
<b>Min</b>	<b>2.52</b>	<b>3.37</b>	<b>4.09</b>	<b>6.35</b>	<b>8.52</b>	<b>0.25</b>	<b>0.92</b>	<b>5.41</b>	<b>0.22</b>	<b>0.75</b>	<b>3.28</b>	<b>4.41</b>	<b>14.82</b>	<b>5.33</b>	
<b>Max</b>	<b>6.36</b>	<b>7.89</b>	<b>9.87</b>	<b>16.02</b>	<b>24.20</b>	<b>1.24</b>	<b>3.56</b>	<b>6.26</b>	<b>0.38</b>	<b>9.08</b>	<b>14.92</b>	<b>27.87</b>	<b>76.25</b>	<b>7.29</b>	
<b>Medie</b>	<b>4.17</b>	<b>5.18</b>	<b>6.29</b>	<b>10.13</b>	<b>15.11</b>	<b>0.48</b>	<b>1.32</b>	<b>5.86</b>	<b>0.29</b>	<b>3.25</b>	<b>8.60</b>	<b>13.56</b>	<b>49.86</b>	<b>5.68</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)	2
Pulberi in suspensie (PM10)	2

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

Indice zilnic general	2
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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