

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

17 Iunie 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	5.28	6.53	8.14	10.93	13.41	0.36	1.94	11.08	0.21	0.58	8.10	8.99	38.56	13.10	0.001
2:00	5.56	6.99	8.91	12.20	16.01	0.39	2.10	12.75	0.21	0.59	6.51	7.41	33.99	10.55	
3:00	5.24	6.83	8.90	13.55	18.30	0.40	1.89	12.35	0.21	0.29	5.00	5.44	25.62	8.40	
4:00	5.01	6.69	8.81	12.87	17.46	0.39	1.94	12.01	0.20	0.52	4.06	4.85	26.15	7.46	
5:00	3.59	5.05	6.90	11.27	16.17	0.24	1.59	11.68	0.26	0.35	3.83	4.36	50.19	7.07	
6:00	1.60	2.52	3.39	6.49	9.82	0.32	1.69	11.93	0.34	0.61	7.62	8.55	73.32	6.77	
7:00	1.89	2.81	3.87	6.29	9.09	0.33	1.89	12.60	0.25	4.51	21.49	28.37	46.20	6.65	
8:00	4.30	5.56	6.91	9.63	12.96	0.42	2.12	13.23	0.25	7.20	28.22	39.21	37.57	6.65	
9:00	1.90	2.58	3.28	5.76	8.65	0.36	1.94	12.78	0.21	3.43	15.60	20.85	53.70	6.57	
10:00	1.54	2.08	2.72	4.81	8.11	0.30	1.84	14.32	0.22	5.01	16.13	23.78	53.02	6.58	
11:00	1.61	2.27	2.95	5.98	12.01	0.47	2.38	19.77	0.23	2.89	7.53	11.94	58.56	6.64	
12:00	1.01	1.72	2.49	5.67	11.23	0.48	2.41	14.84	0.23	5.17	10.50	18.40	56.93	6.84	
13:00	1.90	2.41	2.96	5.04	8.88	0.43	2.12	15.16	0.22	4.46	9.56	16.38	63.39	7.02	
14:00	1.80	2.39	2.98	6.09	11.37	0.37	1.98	15.01	0.21	5.02	9.57	17.24	66.26	7.01	
15:00	1.44	1.94	2.40	4.90	8.50	0.45	2.04	14.81	0.21	3.99	8.01	14.10	69.61	6.72	
16:00	2.82	3.87	4.87	7.42	11.68	0.55	2.83	14.76	0.28	5.85	10.92	19.87	70.34	9.48	
17:00	2.85	3.60	4.46	6.86	10.91	0.46	2.55	13.72	0.22	4.76	11.94	19.21	65.90	10.08	
18:00	3.00	3.77	4.65	7.55	12.22	0.39	n/a	n/a	0.22	4.40	10.67	17.39	67.82	8.47	
19:00	3.38	4.35	5.37	9.38	14.40	0.50	2.46	13.06	0.22	5.01	11.53	19.19	67.33	10.68	
20:00	3.57	4.46	5.51	8.53	12.67	0.49	2.47	13.58	0.22	2.15	9.23	12.52	65.09	10.46	
21:00	5.34	6.42	7.61	11.36	16.23	0.42	1.93	11.69	0.24	3.11	10.85	15.60	62.79	11.08	
22:00	6.82	7.74	8.75	11.88	16.02	0.46	2.00	12.43	0.24	1.15	8.56	10.31	62.62	9.43	
23:00	4.48	5.27	6.29	8.31	11.20	0.38	1.86	12.09	0.29	0.29	6.46	6.90	54.02	8.06	
24:00	5.13	6.07	7.37	9.73	12.34	0.42	1.90	11.77	0.26	0.09	4.19	4.33	48.16	7.54	
<b>Min</b>	<b>1.01</b>	<b>1.72</b>	<b>2.40</b>	<b>4.81</b>	<b>8.11</b>	<b>0.24</b>	<b>1.59</b>	<b>11.08</b>	<b>0.20</b>	<b>0.09</b>	<b>3.83</b>	<b>4.33</b>	<b>25.62</b>	<b>6.57</b>	
<b>Max</b>	<b>6.82</b>	<b>7.74</b>	<b>8.91</b>	<b>13.55</b>	<b>18.30</b>	<b>0.55</b>	<b>2.83</b>	<b>19.77</b>	<b>0.34</b>	<b>7.20</b>	<b>28.22</b>	<b>39.21</b>	<b>73.32</b>	<b>13.10</b>	
<b>Medie</b>	<b>3.38</b>	<b>4.33</b>	<b>5.44</b>	<b>8.44</b>	<b>12.49</b>	<b>0.41</b>	<b>2.08</b>	<b>13.37</b>	<b>0.24</b>	<b>2.98</b>	<b>10.25</b>	<b>14.80</b>	<b>54.88</b>	<b>8.30</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)	1

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

Indice zilnic general **2**

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