

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

1 IULIE 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	5.00	5.80	6.67	9.77	13.54	0.18	n/a	n/a	0.18	1.26	1.60	3.50	61.79	7.13	0.001
2:00	4.97	5.94	7.01	10.38	15.02	0.19	2.21	12.63	0.19	1.42	7.06	9.23	48.15	7.18	
3:00	4.64	5.52	6.61	9.03	11.44	0.16	1.91	13.68	0.18	1.27	2.33	4.27	47.48	7.05	
4:00	4.29	5.32	6.43	10.93	16.79	0.20	1.82	15.03	0.18	1.64	4.37	6.87	41.86	7.19	
5:00	3.91	4.74	5.68	8.85	12.94	0.18	1.57	14.89	0.18	1.32	4.07	6.09	42.03	7.11	
6:00	4.52	5.56	6.70	10.73	15.24	0.37	1.97	15.26	0.20	3.30	6.63	11.68	35.49	7.14	
7:00	4.79	6.49	8.47	14.17	21.83	0.56	3.31	16.44	0.26	15.48	24.95	48.61	18.07	7.37	
8:00	5.58	7.67	9.76	19.50	35.99	0.42	2.00	17.58	0.19	3.63	7.44	12.99	25.94	7.27	
9:00	6.76	8.61	10.67	16.93	27.54	0.73	3.75	18.23	0.50	6.10	9.57	18.91	25.47	7.39	
10:00	6.24	8.33	10.61	18.60	32.13	0.23	1.78	16.70	0.21	4.56	7.05	14.01	40.64	7.23	
11:00	4.97	5.81	6.66	10.40	15.71	0.21	1.71	18.10	0.18	1.78	2.77	5.48	65.17	7.17	
12:00	4.98	6.21	7.47	13.40	22.25	0.25	1.81	19.96	0.18	1.90	3.87	6.79	76.40	7.34	
13:00	4.23	5.34	6.45	11.64	18.16	0.17	1.47	17.34	0.17	1.38	2.10	4.20	84.78	7.36	
14:00	3.57	4.77	5.97	11.98	21.80	0.19	1.49	17.04	0.17	1.57	2.58	4.97	87.19	7.39	
15:00	3.25	4.18	5.05	9.80	17.84	0.20	1.64	20.28	0.17	1.39	1.36	3.48	87.44	7.24	
16:00	3.00	3.94	4.86	9.46	16.33	0.20	1.95	21.79	0.18	1.36	1.61	3.67	85.71	7.25	
17:00	3.14	4.04	4.83	9.79	18.93	0.19	1.72	20.90	0.18	1.44	1.55	3.75	86.65	7.12	
18:00	2.88	3.63	4.36	8.17	13.76	0.19	1.60	20.32	0.17	1.34	1.36	3.40	83.83	7.05	
19:00	2.25	3.07	3.97	7.58	13.38	0.18	1.53	18.74	0.17	1.39	0.90	3.01	73.83	7.08	
20:00	2.73	4.48	6.22	14.77	28.05	0.23	1.61	19.07	0.17	1.32	3.23	5.24	67.78	7.20	
21:00	17.42	22.74	26.90	39.50	56.83	0.95	3.43	24.54	0.24	1.53	6.71	9.06	57.29	7.58	
22:00	7.37	10.92	14.03	33.61	62.58	0.77	3.97	21.50	0.32	6.00	21.72	30.88	30.62	7.57	
23:00	9.17	12.68	15.86	29.35	52.55	0.84	3.51	26.29	0.30	3.81	20.80	26.62	28.45	7.48	
24:00	5.69	7.43	9.14	15.59	25.56	0.38	2.28	19.66	0.24	1.72	9.90	12.55	39.98	7.34	
<b>Min</b>	<b>2.25</b>	<b>3.07</b>	<b>3.97</b>	<b>7.58</b>	<b>11.44</b>	<b>0.16</b>	<b>1.47</b>	<b>12.63</b>	<b>0.17</b>	<b>1.26</b>	<b>0.90</b>	<b>3.01</b>	<b>18.07</b>	<b>7.05</b>	
<b>Max</b>	<b>17.42</b>	<b>22.74</b>	<b>26.90</b>	<b>39.50</b>	<b>62.58</b>	<b>0.95</b>	<b>3.97</b>	<b>26.29</b>	<b>0.50</b>	<b>15.48</b>	<b>24.95</b>	<b>48.61</b>	<b>87.44</b>	<b>7.58</b>	
<b>Medie</b>	<b>5.22</b>	<b>6.80</b>	<b>8.35</b>	<b>14.75</b>	<b>24.42</b>	<b>0.34</b>	<b>2.18</b>	<b>18.52</b>	<b>0.21</b>	<b>2.83</b>	<b>6.48</b>	<b>10.80</b>	<b>55.92</b>	<b>7.26</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)	2

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

