

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

2 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 dehida
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	4.59	6.02	7.46	12.97	19.20	0.38	2.63	22.28	0.21	1.32	3.99	6.01	42.17	7.18	0.003
2:00	4.43	5.79	7.22	12.40	19.39	0.33	2.49	21.08	0.20	1.37	4.59	6.69	39.35	7.20	
3:00	4.37	5.51	6.80	9.94	13.33	0.26	2.21	20.42	0.19	1.42	3.79	5.95	38.71	7.28	
4:00	4.30	5.37	6.54	10.13	13.16	0.26	2.14	20.00	0.18	1.27	2.48	4.41	36.42	7.22	
5:00	4.67	5.95	7.46	11.78	17.80	0.29	2.52	20.50	0.19	1.65	5.60	8.12	29.61	7.17	
6:00	5.12	6.66	8.48	13.86	20.62	0.31	n/a	n/a	0.20	3.77	9.57	15.33	22.57	7.29	
7:00	6.43	8.01	9.97	15.52	24.04	1.22	2.83	21.57	0.23	4.37	9.81	16.48	24.83	7.27	
8:00	7.00	9.33	11.82	22.51	39.99	0.57	2.41	21.30	0.21	3.53	7.92	13.30	31.98	7.24	
9:00	6.30	7.57	9.04	13.34	19.43	0.35	2.39	23.19	0.19	2.28	5.01	8.49	44.06	7.26	
10:00	7.29	8.91	10.46	18.37	30.01	0.35	2.59	23.62	0.19	2.37	5.02	8.62	50.14	7.27	
11:00	9.39	10.81	12.24	18.08	25.31	0.34	2.29	24.48	0.20	2.91	4.98	9.44	59.22	7.33	
12:00	7.34	8.65	10.18	14.96	23.12	0.29	2.07	23.98	0.20	2.11	3.91	7.13	68.08	7.25	
13:00	7.34	8.84	10.28	17.76	30.03	0.28	1.97	23.45	0.20	2.34	5.51	9.09	70.97	7.24	
14:00	7.12	8.44	9.85	15.31	23.55	0.32	1.90	21.60	0.19	2.42	3.40	7.09	74.86	7.33	
15:00	7.12	8.45	9.85	15.80	25.91	0.20	1.66	21.75	0.20	1.62	2.37	4.85	77.79	7.59	
16:00	6.46	7.81	9.09	15.68	23.74	0.21	1.48	17.08	0.20	2.13	3.99	7.22	85.31	7.82	
17:00	5.74	7.10	8.40	15.32	28.35	0.24	1.62	19.47	0.20	3.75	8.73	14.47	81.25	7.72	
18:00	5.73	6.85	8.11	12.90	21.57	0.23	1.61	20.37	0.20	2.86	7.57	11.94	84.26	7.75	
19:00	7.40	9.67	11.83	24.00	46.74	0.35	2.28	21.45	0.22	5.22	12.38	20.36	62.79	8.72	
20:00	8.29	10.60	12.73	23.90	39.80	0.36	2.40	22.87	0.23	4.33	13.01	19.63	69.49	12.05	
21:00	10.38	14.01	17.49	33.84	58.60	0.98	6.90	24.15	0.26	3.64	16.16	21.73	52.72	11.01	
22:00	10.37	14.25	17.86	37.44	67.37	0.51	3.23	21.73	0.27	3.92	15.87	21.87	38.27	8.45	
23:00	10.54	13.05	15.58	25.16	37.14	0.37	2.17	19.46	0.25	3.04	10.72	15.37	35.22	7.83	
24:00	9.59	11.68	13.79	22.95	35.61	0.36	2.39	20.29	0.22	2.37	6.64	10.25	40.02	7.55	
<b>Min</b>	<b>4.30</b>	<b>5.37</b>	<b>6.54</b>	<b>9.94</b>	<b>13.16</b>	<b>0.20</b>	<b>1.48</b>	<b>17.08</b>	<b>0.18</b>	<b>1.27</b>	<b>2.37</b>	<b>4.41</b>	<b>22.57</b>	<b>7.17</b>	
<b>Max</b>	<b>10.54</b>	<b>14.25</b>	<b>17.86</b>	<b>37.44</b>	<b>67.37</b>	<b>1.22</b>	<b>6.90</b>	<b>24.48</b>	<b>0.27</b>	<b>5.22</b>	<b>16.16</b>	<b>21.87</b>	<b>85.31</b>	<b>12.05</b>	
<b>Medie</b>	<b>6.97</b>	<b>8.72</b>	<b>10.52</b>	<b>18.08</b>	<b>29.33</b>	<b>0.39</b>	<b>2.44</b>	<b>21.57</b>	<b>0.21</b>	<b>2.75</b>	<b>7.21</b>	<b>11.41</b>	<b>52.50</b>	<b>7.83</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

