

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

4 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	6.22	7.76	9.79	14.25	20.57	0.26	1.61	16.86	0.21	2.01	6.33	9.41	40.25	7.41	0.001
2:00	6.89	8.43	10.39	13.92	18.54	0.25	1.87	20.46	0.21	1.67	7.50	10.05	39.22	7.41	
3:00	6.85	8.62	10.79	16.10	23.40	0.32	2.13	18.40	0.20	1.94	7.78	10.75	29.97	7.38	
4:00	6.75	8.65	11.01	17.49	28.23	0.23	1.78	18.17	0.20	1.75	9.32	12.00	28.47	7.42	
5:00	7.28	8.87	11.00	15.24	20.96	0.22	2.08	20.80	0.19	2.13	5.98	9.23	33.62	7.91	
6:00	8.34	9.82	11.65	15.92	22.05	0.26	1.86	18.80	0.20	2.33	4.57	8.12	46.47	8.20	
7:00	9.59	11.27	13.40	17.68	23.86	0.53	2.35	20.83	0.22	2.71	6.79	10.93	38.42	8.47	
8:00	10.68	12.27	14.15	18.69	24.89	0.33	1.89	20.86	0.21	2.30	5.91	9.43	47.20	9.96	
9:00	10.68	12.17	14.01	18.12	22.76	0.43	2.24	24.20	0.22	3.54	7.46	12.88	51.60	11.04	
10:00	10.71	12.04	13.65	17.16	21.71	0.40	2.03	20.09	0.23	4.68	10.74	17.90	52.55	13.39	
11:00	9.78	10.96	12.29	15.92	21.67	0.41	2.64	22.22	0.23	4.60	8.47	15.50	59.69	10.57	
12:00	9.47	10.63	11.83	16.38	23.38	0.34	2.16	22.52	0.21	4.68	7.18	14.34	62.03	10.10	
13:00	5.14	5.95	6.76	10.17	15.42	0.30	2.03	20.71	0.21	4.30	6.35	12.92	68.96	8.40	
14:00	5.67	6.45	7.25	9.99	13.61	0.26	2.10	21.50	0.22	4.10	7.52	13.78	73.39	7.80	
15:00	5.89	6.67	7.36	10.99	17.06	0.31	2.21	20.41	0.21	3.45	6.66	11.93	76.60	7.61	
16:00	4.98	6.00	7.15	10.97	16.75	0.35	n/a	n/a	0.21	3.99	7.39	13.49	75.09	7.41	
17:00	4.33	5.71	7.20	11.96	19.55	0.36	1.98	22.25	0.20	2.92	7.85	12.32	65.30	7.36	
18:00	4.83	6.65	8.66	11.71	16.24	0.31	1.98	21.09	0.21	3.05	11.85	16.51	54.79	7.34	
19:00	5.65	6.66	7.56	9.49	12.50	0.32	1.91	20.23	0.20	2.16	5.62	8.92	65.52	7.26	
20:00	5.96	6.54	7.16	8.58	10.59	0.75	1.95	21.71	0.22	1.71	3.40	6.00	67.90	7.35	
21:00	6.52	7.90	9.45	14.75	24.49	0.81	3.28	19.48	0.25	6.35	13.90	23.60	36.57	7.39	
22:00	6.79	8.92	11.63	18.50	27.65	0.73	3.17	22.01	0.28	4.61	13.34	20.38	25.08	7.34	
23:00	7.54	9.65	12.30	18.89	27.35	1.15	2.72	20.55	0.28	4.35	12.84	19.48	25.39	7.29	
24:00	7.88	9.72	11.77	16.49	21.95	0.53	2.40	19.38	0.26	3.24	12.15	17.10	28.13	7.34	
<b>Min</b>	<b>4.33</b>	<b>5.71</b>	<b>6.76</b>	<b>8.58</b>	<b>10.59</b>	<b>0.22</b>	<b>1.61</b>	<b>16.86</b>	<b>0.19</b>	<b>1.67</b>	<b>3.40</b>	<b>6.00</b>	<b>25.08</b>	<b>7.26</b>	
<b>Max</b>	<b>10.71</b>	<b>12.27</b>	<b>14.15</b>	<b>18.89</b>	<b>28.23</b>	<b>1.15</b>	<b>3.28</b>	<b>24.20</b>	<b>0.28</b>	<b>6.35</b>	<b>13.90</b>	<b>23.60</b>	<b>76.60</b>	<b>13.39</b>	
<b>Medie</b>	<b>7.27</b>	<b>8.68</b>	<b>10.34</b>	<b>14.56</b>	<b>20.63</b>	<b>0.42</b>	<b>2.19</b>	<b>20.59</b>	<b>0.22</b>	<b>3.27</b>	<b>8.20</b>	<b>13.21</b>	<b>49.68</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)	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

