

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

4 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	10.55	11.92	13.26	18.15	24.76	0.65	1.12	3.60	0.58	1.16	10.50	12.26	47.77	5.94	<0.001
2:00	6.51	7.64	8.90	12.41	17.35	0.55	1.10	4.44	0.45	1.44	8.41	10.62	43.70	6.11	
3:00	5.54	6.59	7.85	10.12	13.13	0.32	1.14	3.58	0.40	1.23	6.12	7.99	41.34	6.01	
4:00	4.80	5.82	6.98	9.96	14.47	0.33	0.99	n/a	0.50	0.93	7.31	8.72	38.62	6.09	
5:00	4.42	5.45	6.62	9.74	14.86	0.25	1.10	3.55	0.33	2.01	5.42	8.48	35.57	5.97	
6:00	5.33	6.41	7.63	11.05	15.96	0.27	1.05	n/a	0.33	1.67	7.76	10.31	35.06	6.03	
7:00	6.11	7.57	9.22	13.45	18.56	0.84	1.25	3.62	0.62	4.35	13.59	20.24	32.46	6.09	
8:00	6.15	7.65	9.18	15.57	26.72	0.59	1.19	3.63	0.46	3.96	11.85	17.90	43.09	6.49	
9:00	5.74	7.09	8.52	13.68	22.01	0.37	n/a	n/a	0.23	2.44	6.53	10.26	54.54	6.71	
10:00	5.86	7.67	9.33	14.69	23.14	0.28	1.23	3.61	0.23	4.49	8.04	14.90	60.98	6.28	
11:00	4.50	5.97	7.22	11.98	19.86	0.25	0.89	3.66	0.25	4.80	8.73	16.07	65.78	5.87	
12:00	4.45	6.07	7.66	11.79	19.56	0.16	0.74	3.68	0.24	4.33	8.44	15.06	69.27	5.81	
13:00	4.73	6.55	8.35	12.38	18.30	0.21	0.87	3.94	0.23	4.45	9.07	15.86	70.41	5.78	
14:00	4.29	6.03	7.65	13.44	22.43	0.21	0.86	3.95	0.23	5.80	11.46	20.32	68.70	5.81	
15:00	3.44	4.98	6.54	12.42	21.45	0.15	0.87	4.07	0.22	5.64	9.23	17.84	70.66	5.93	
16:00	3.37	5.04	6.76	13.26	25.10	0.19	0.89	4.30	0.21	7.02	10.82	21.55	67.46	11.67	
17:00	4.05	5.39	6.85	10.56	15.78	0.21	1.14	4.33	0.21	5.26	11.01	19.05	67.49	13.72	
18:00	4.53	5.93	7.40	11.13	15.70	0.23	1.22	4.26	0.22	5.63	11.11	19.71	68.22	12.65	
19:00	5.23	7.08	8.91	14.48	23.78	0.18	0.93	4.32	0.22	4.30	11.16	17.73	66.44	12.19	
20:00	4.73	6.43	8.23	12.99	20.69	0.36	1.07	4.52	0.21	5.25	13.28	21.31	61.89	10.57	
21:00	5.99	8.05	10.26	16.80	26.04	0.53	1.55	4.74	0.30	5.80	19.73	28.59	45.43	7.68	
22:00	8.74	12.19	15.34	33.42	60.10	1.16	1.91	5.71	0.45	3.77	19.46	25.21	32.44	6.74	
23:00	9.73	12.47	14.93	27.83	46.32	1.32	1.88	5.87	0.64	2.78	15.36	19.60	33.75	6.34	
24:00	9.23	11.35	13.57	20.32	31.47	1.16	2.02	6.27	0.74	3.15	19.09	23.90	29.48	6.06	
<b>Min</b>	<b>3.37</b>	<b>4.98</b>	<b>6.54</b>	<b>9.74</b>	<b>13.13</b>	<b>0.15</b>	<b>0.74</b>	<b>3.55</b>	<b>0.21</b>	<b>0.93</b>	<b>5.42</b>	<b>7.99</b>	<b>29.48</b>	<b>5.78</b>	
<b>Max</b>	<b>10.55</b>	<b>12.47</b>	<b>15.34</b>	<b>33.42</b>	<b>60.10</b>	<b>1.32</b>	<b>2.02</b>	<b>6.27</b>	<b>0.74</b>	<b>7.02</b>	<b>19.73</b>	<b>28.59</b>	<b>70.66</b>	<b>13.72</b>	
<b>Medie</b>	<b>5.75</b>	<b>7.39</b>	<b>9.05</b>	<b>14.65</b>	<b>23.23</b>	<b>0.45</b>	<b>1.17</b>	<b>4.27</b>	<b>0.35</b>	<b>3.82</b>	<b>10.98</b>	<b>16.81</b>	<b>52.11</b>	<b>7.44</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