

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

2 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	6.69	7.25	7.88	9.85	12.41	0.44	0.85	3.34	0.28	0.96	3.66	5.13	41.91	5.80	<0.001
2:00	4.22	4.65	5.16	6.34	8.00	0.29	0.79	3.54	0.25	0.82	2.20	3.44	43.63	6.17	
3:00	5.08	5.85	6.77	8.73	11.43	0.33	0.92	3.72	0.30	0.87	4.99	6.32	40.44	10.84	
4:00	6.35	7.84	9.58	13.99	18.65	0.34	0.95	3.85	0.26	0.97	4.62	6.08	38.92	9.65	
5:00	6.33	7.42	8.62	11.97	16.54	0.34	0.86	3.95	0.33	0.93	4.62	6.03	39.74	7.90	
6:00	7.09	8.05	9.12	12.66	17.06	0.32	0.87	4.05	0.32	1.85	5.96	8.78	34.93	8.16	
7:00	7.79	9.41	11.09	18.51	28.16	0.44	1.17	4.19	0.34	7.65	12.83	24.52	25.71	8.59	
8:00	8.90	10.20	11.70	16.79	23.51	0.51	1.27	4.17	0.28	6.52	9.83	19.79	32.35	10.72	
9:00	8.72	10.40	12.34	18.76	27.80	0.39	1.21	3.92	0.27	9.78	12.16	27.11	37.96	11.30	
10:00	8.61	10.38	12.35	19.55	31.11	0.41	1.20	4.14	0.26	6.09	8.18	17.49	41.08	11.00	
11:00	9.08	10.82	12.71	19.09	27.37	0.42	1.60	4.17	0.24	6.34	8.87	18.55	41.09	11.13	
12:00	6.77	8.54	10.54	17.89	28.55	0.31	0.99	4.18	0.24	7.71	9.19	20.97	48.05	7.86	
13:00	4.20	6.30	8.68	17.85	32.56	0.23	0.86	3.99	0.23	4.43	7.03	13.80	55.09	6.03	
14:00	2.68	4.25	6.25	11.94	20.20	0.19	0.80	4.19	0.21	3.10	5.53	10.26	65.10	5.51	
15:00	3.22	4.88	6.91	12.49	19.61	0.21	0.84	4.22	0.20	1.38	5.00	7.11	66.44	5.77	
16:00	2.98	4.13	5.42	8.87	13.76	0.34	1.10	4.14	0.36	4.34	10.68	17.31	60.13	5.95	
17:00	3.15	4.21	5.50	8.85	13.12	0.41	1.04	4.08	0.30	1.88	6.44	9.31	62.79	6.16	
18:00	3.97	5.14	6.51	10.18	15.66	1.24	1.03	4.16	0.37	3.40	9.26	14.47	57.26	6.30	
19:00	2.97	3.95	5.10	8.49	12.58	0.46	1.40	3.89	0.30	2.76	7.20	11.41	61.63	5.80	
20:00	2.69	3.85	5.06	10.06	19.29	0.30	0.86	4.37	0.40	3.51	10.40	15.75	56.38	6.09	
21:00	8.83	10.53	12.11	19.64	30.87	2.00	2.37	6.97	0.37	5.70	15.93	24.65	42.40	6.09	
22:00	7.59	9.17	10.93	16.79	24.67	1.00	1.20	4.67	0.41	5.38	12.06	20.27	42.24	6.60	
23:00	6.84	8.20	9.76	14.92	21.24	0.95	1.38	5.42	0.50	3.26	11.48	16.44	38.92	6.63	
24:00	6.97	8.74	10.95	17.03	23.53	1.17	1.44	4.86	0.45	2.15	10.67	13.94	33.22	6.58	
<b>Min</b>	<b>2.68</b>	<b>3.85</b>	<b>5.06</b>	<b>6.34</b>	<b>8.00</b>	<b>0.19</b>	<b>0.79</b>	<b>3.34</b>	<b>0.20</b>	<b>0.82</b>	<b>2.20</b>	<b>3.44</b>	<b>25.71</b>	<b>5.51</b>	
<b>Max</b>	<b>9.08</b>	<b>10.82</b>	<b>12.71</b>	<b>19.64</b>	<b>32.56</b>	<b>2.00</b>	<b>2.37</b>	<b>6.97</b>	<b>0.50</b>	<b>9.78</b>	<b>15.93</b>	<b>27.11</b>	<b>66.44</b>	<b>11.30</b>	
<b>Medie</b>	<b>5.90</b>	<b>7.26</b>	<b>8.79</b>	<b>13.80</b>	<b>20.74</b>	<b>0.54</b>	<b>1.12</b>	<b>4.26</b>	<b>0.31</b>	<b>3.82</b>	<b>8.28</b>	<b>14.12</b>	<b>46.14</b>	<b>7.61</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