

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

27 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	9.60	12.59	16.19	23.46	32.10	0.54	3.02	15.21	0.24	1.95	8.21	11.18	30.59	6.93	0.002
2:00	9.20	12.02	15.51	21.53	27.87	0.90	3.48	14.95	0.25	1.93	6.64	9.59	34.86	6.97	
3:00	8.75	11.64	15.29	21.15	28.27	0.71	3.53	19.64	0.23	1.71	7.90	10.50	31.98	6.83	
4:00	14.84	20.49	26.00	33.77	43.09	1.39	3.61	15.88	0.25	1.46	7.86	10.08	23.63	6.87	
5:00	11.69	15.79	20.21	26.41	32.92	1.48	3.81	15.92	0.23	1.51	5.61	7.92	26.66	6.91	
6:00	8.59	11.32	14.91	20.26	27.77	1.40	3.12	15.88	0.23	2.07	5.54	8.70	25.07	6.90	
7:00	9.98	13.56	17.65	26.48	36.66	0.95	3.30	16.22	0.26	6.32	12.65	22.31	23.64	6.99	
8:00	8.75	11.40	14.76	23.12	33.02	0.35	2.06	15.59	0.24	6.12	13.45	22.81	28.21	6.96	
9:00	9.61	11.87	14.75	21.53	29.60	0.36	2.15	17.10	0.19	2.82	5.50	9.80	38.77	6.92	
10:00	10.17	12.27	14.86	21.41	30.92	0.37	n/a	n/a	0.21	4.14	6.65	12.97	43.72	6.92	
11:00	11.02	12.90	15.21	21.24	30.83	0.41	1.99	16.30	0.22	3.61	7.06	12.57	53.89	6.95	
12:00	9.63	11.48	13.50	21.10	32.45	0.34	2.06	17.71	0.20	1.76	3.07	5.75	74.64	7.05	
13:00	8.67	10.26	11.97	18.58	28.68	0.31	1.74	16.07	0.20	1.39	1.84	3.95	84.77	7.16	
14:00	8.19	9.71	11.36	17.47	25.76	0.31	1.80	17.75	0.20	1.66	2.32	4.85	91.85	7.13	
15:00	8.64	10.15	11.78	18.01	27.01	0.30	1.92	18.98	0.20	1.54	1.74	4.07	93.74	7.14	
16:00	8.57	9.98	11.49	17.30	26.40	0.33	1.79	16.34	0.20	1.57	2.17	4.58	94.39	7.09	
17:00	8.98	10.55	12.19	18.86	29.83	0.33	2.01	19.07	0.20	1.49	2.36	4.63	96.28	7.11	
18:00	8.94	10.30	11.81	16.64	23.07	0.53	2.04	17.30	0.21	1.39	1.87	3.99	97.11	7.04	
19:00	9.16	10.65	12.18	17.97	24.90	0.35	1.84	19.27	0.21	1.62	3.50	5.96	95.73	7.02	
20:00	11.57	13.72	16.02	24.76	36.15	1.21	3.67	17.30	0.30	3.57	10.73	16.18	75.17	7.16	
21:00	12.32	14.82	17.65	27.77	45.06	0.68	8.38	19.48	0.30	3.34	12.63	17.74	57.43	7.12	
22:00	13.82	16.63	19.40	32.49	53.48	0.74	5.64	19.39	0.32	2.85	13.57	17.92	54.52	7.03	
23:00	13.22	15.86	19.00	28.76	42.21	0.45	3.44	18.78	0.27	2.60	10.43	14.40	54.35	6.97	
24:00	13.27	15.50	18.18	25.95	36.99	0.67	3.67	17.36	0.27	2.44	10.23	13.97	50.47	6.91	
<b>Min</b>	<b>8.19</b>	<b>9.71</b>	<b>11.36</b>	<b>16.64</b>	<b>23.07</b>	<b>0.30</b>	<b>1.74</b>	<b>14.95</b>	<b>0.19</b>	<b>1.39</b>	<b>1.74</b>	<b>3.95</b>	<b>23.63</b>	<b>6.83</b>	
<b>Max</b>	<b>14.84</b>	<b>20.49</b>	<b>26.00</b>	<b>33.77</b>	<b>53.48</b>	<b>1.48</b>	<b>8.38</b>	<b>19.64</b>	<b>0.32</b>	<b>6.32</b>	<b>13.57</b>	<b>22.81</b>	<b>97.11</b>	<b>7.16</b>	
<b>Medie</b>	<b>10.30</b>	<b>12.73</b>	<b>15.49</b>	<b>22.75</b>	<b>32.71</b>	<b>0.64</b>	<b>3.05</b>	<b>17.28</b>	<b>0.23</b>	<b>2.54</b>	<b>6.81</b>	<b>10.68</b>	<b>57.56</b>	<b>7.00</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)	3

1	Excelent
2	Foarte bun
3	Bun
4	Mediu
5	Rau
6	Foarte rau

Indice zilnic general	3
-----------------------	---

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

