

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

29 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	11.45	13.11	15.27	19.76	27.02	0.32	2.20	17.92	0.23	1.56	5.75	8.14	39.48	7.06	0.003
2:00	11.41	13.10	15.37	19.71	24.08	0.26	2.14	18.17	0.22	1.47	4.34	6.57	37.55	7.01	
3:00	11.47	13.16	15.42	19.99	27.18	0.24	1.94	16.70	0.21	1.36	3.58	5.65	36.69	7.04	
4:00	11.44	13.19	15.53	20.13	25.33	0.29	3.30	15.96	0.21	2.94	5.40	9.88	29.26	7.07	
5:00	11.42	13.09	15.32	19.68	25.15	0.31	2.67	17.87	0.22	1.69	5.02	7.60	27.80	7.02	
6:00	11.43	13.38	15.80	22.21	30.59	0.29	2.41	19.08	0.22	2.69	7.61	11.73	29.73	7.05	
7:00	12.15	15.38	19.38	30.53	43.95	0.47	3.32	18.02	0.24	8.48	14.72	27.67	13.64	7.14	
8:00	13.04	16.06	19.61	31.05	45.41	0.55	2.53	17.39	0.27	9.16	12.96	26.94	15.05	7.11	
9:00	13.98	16.62	19.72	30.35	48.74	0.43	2.59	17.91	0.24	6.77	10.35	20.69	20.23	7.03	
10:00	14.33	16.64	19.38	28.04	42.16	0.38	2.50	19.47	0.24	7.51	11.82	23.29	33.30	7.07	
11:00	14.71	17.65	20.78	33.91	53.87	0.30	3.52	20.07	0.22	2.61	5.42	9.43	53.28	6.89	
12:00	15.43	17.96	20.58	32.96	54.74	0.39	3.09	20.17	0.23	2.78	6.62	10.86	64.42	6.87	
13:00	14.71	16.22	17.89	24.04	34.16	0.37	2.07	24.55	0.21	2.12	3.35	6.57	87.05	7.22	
14:00	14.40	15.77	17.15	23.09	32.54	0.21	1.68	18.14	0.21	1.45	1.73	3.93	95.07	7.43	
15:00	12.94	14.32	15.81	21.43	28.86	0.29	1.90	18.25	0.23	4.19	9.05	15.44	83.98	7.35	
16:00	12.16	13.51	14.86	20.62	28.30	0.39	2.43	20.01	0.23	5.87	14.63	23.59	85.66	7.28	
17:00	10.76	11.95	13.24	17.87	23.97	0.22	1.91	20.78	0.22	3.54	10.28	15.70	96.87	7.25	
18:00	11.22	12.40	13.80	17.21	23.19	0.26	1.58	18.28	0.21	1.98	3.45	6.47	85.50	7.11	
19:00	11.91	13.25	14.77	19.60	26.40	0.31	1.93	20.61	0.21	1.91	3.20	6.12	80.48	7.12	
20:00	10.98	12.75	14.52	22.91	38.35	0.42	n/a	n/a	0.24	2.88	10.85	15.25	63.46	7.08	
21:00	14.03	16.74	19.44	32.87	55.70	0.50	2.88	18.75	0.27	3.04	14.21	18.86	50.93	7.13	
22:00	16.35	19.48	22.41	38.71	60.69	0.35	2.42	16.53	0.26	2.86	13.94	18.31	64.78	7.15	
23:00	14.68	17.19	19.82	31.25	48.33	0.31	2.04	17.73	0.26	1.70	12.53	15.11	57.95	7.11	
24:00	13.48	15.36	17.34	25.29	37.14	0.25	2.01	17.62	0.24	1.65	9.59	12.12	54.18	7.20	
<b>Min</b>	<b>10.76</b>	<b>11.95</b>	<b>13.24</b>	<b>17.21</b>	<b>23.19</b>	<b>0.21</b>	<b>1.58</b>	<b>15.96</b>	<b>0.21</b>	<b>1.36</b>	<b>1.73</b>	<b>3.93</b>	<b>13.64</b>	<b>6.87</b>	
<b>Max</b>	<b>16.35</b>	<b>19.48</b>	<b>22.41</b>	<b>38.71</b>	<b>60.69</b>	<b>0.55</b>	<b>3.52</b>	<b>24.55</b>	<b>0.27</b>	<b>9.16</b>	<b>14.72</b>	<b>27.67</b>	<b>96.87</b>	<b>7.43</b>	
<b>Medie</b>	<b>12.91</b>	<b>14.93</b>	<b>17.22</b>	<b>25.13</b>	<b>36.91</b>	<b>0.34</b>	<b>2.39</b>	<b>18.70</b>	<b>0.23</b>	<b>3.43</b>	<b>8.35</b>	<b>13.58</b>	<b>54.43</b>	<b>7.12</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

