

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

31 MAI 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	8.35	9.52	10.52	14.01	18.34	0.54	1.79	3.52	0.37	0.98	7.06	8.55	50.66	6.51	<0.001
2:00	4.17	5.22	6.38	9.29	12.56	0.28	0.89	3.46	0.23	1.00	3.08	4.60	59.55	6.11	
3:00	3.15	4.20	5.31	8.82	13.66	0.19	0.73	3.47	0.21	1.16	2.98	4.75	62.49	6.06	
4:00	3.07	4.04	5.10	7.81	10.45	0.27	1.07	3.67	0.25	1.09	3.98	5.64	50.55	5.99	
5:00	3.05	4.01	5.02	7.57	10.81	0.16	0.69	3.23	0.20	0.66	1.86	2.86	61.82	5.88	
6:00	3.83	4.98	6.16	9.40	13.38	0.22	0.75	3.59	0.21	0.84	3.80	5.07	58.58	8.29	
7:00	4.58	6.07	7.62	12.34	18.70	0.22	0.73	3.56	0.21	1.32	5.67	7.68	57.35	10.05	
8:00	5.54	6.80	8.21	11.59	15.50	0.33	0.81	3.53	0.22	1.68	4.27	6.84	57.64	6.81	
9:00	6.64	8.13	9.67	14.02	20.57	0.39	1.05	3.16	0.23	2.43	5.45	9.16	54.99	10.91	
10:00	6.83	8.34	9.87	14.65	22.36	0.30	0.80	3.32	0.22	2.21	4.77	8.14	64.68	6.95	
11:00	5.82	7.35	8.89	14.44	22.79	0.39	0.86	3.89	0.22	2.76	5.20	9.41	69.70	6.26	
12:00	6.58	8.14	9.82	14.56	21.08	0.40	0.83	3.18	0.23	2.60	5.43	9.41	71.03	7.59	
13:00	6.74	8.05	9.32	13.73	19.66	0.47	1.97	3.35	0.24	2.82	6.05	10.37	72.95	7.59	
14:00	5.32	6.52	7.81	11.49	17.70	0.26	0.70	3.08	0.23	2.19	4.94	8.28	76.78	7.41	
15:00	4.92	6.28	7.47	13.13	20.72	0.30	0.80	3.08	0.23	2.56	5.77	9.69	74.55	6.73	
16:00	4.16	5.42	6.67	11.38	18.30	0.27	0.65	3.00	0.22	2.57	5.10	9.02	74.10	6.26	
17:00	4.60	5.73	6.72	11.21	18.66	0.35	0.78	2.94	0.23	2.69	5.83	9.94	74.07	6.14	
18:00	4.66	5.85	6.89	12.22	22.06	0.31	n/a	n/a	0.22	2.84	6.35	10.70	75.31	5.63	
19:00	3.49	4.60	5.67	9.70	15.82	0.28	0.75	2.84	0.21	2.88	5.79	10.19	73.48	5.39	
20:00	3.52	4.77	5.86	11.66	20.52	0.35	0.72	2.80	0.23	2.74	6.54	10.73	69.22	5.56	
21:00	5.62	6.86	8.11	12.49	18.75	0.48	0.75	2.82	0.26	2.93	8.31	12.79	61.17	5.55	
22:00	5.68	6.86	8.10	12.03	16.97	1.08	0.88	2.87	0.26	3.09	9.01	13.73	57.61	5.50	
23:00	4.75	5.99	7.19	12.11	18.75	0.54	0.81	3.03	0.28	2.18	8.55	11.89	54.76	5.68	
24:00	3.38	4.42	5.46	9.47	14.77	0.32	0.73	3.08	0.23	1.74	6.13	8.78	57.94	5.91	
<b>Min</b>	<b>3.05</b>	<b>4.01</b>	<b>5.02</b>	<b>7.57</b>	<b>10.45</b>	<b>0.16</b>	<b>0.65</b>	<b>2.80</b>	<b>0.20</b>	<b>0.66</b>	<b>1.86</b>	<b>2.86</b>	<b>50.55</b>	<b>5.39</b>	
<b>Max</b>	<b>8.35</b>	<b>9.52</b>	<b>10.52</b>	<b>14.65</b>	<b>22.79</b>	<b>1.08</b>	<b>1.97</b>	<b>3.89</b>	<b>0.37</b>	<b>3.09</b>	<b>9.01</b>	<b>13.73</b>	<b>76.78</b>	<b>10.91</b>	
<b>Medie</b>	<b>4.94</b>	<b>6.17</b>	<b>7.41</b>	<b>11.63</b>	<b>17.62</b>	<b>0.36</b>	<b>0.89</b>	<b>3.24</b>	<b>0.24</b>	<b>2.08</b>	<b>5.50</b>	<b>8.68</b>	<b>64.21</b>	<b>6.70</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
-----------------------	---

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