

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

1 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	3.02	4.02	5.12	8.28	12.95	0.23	0.60	2.81	0.20	0.80	5.07	6.29	59.10	13.70	<0.001
2:00	3.07	3.89	4.73	7.61	11.71	0.22	0.60	3.05	0.20	0.72	3.81	4.91	59.04	10.56	
3:00	3.00	3.74	4.51	6.96	10.09	0.19	0.60	2.97	0.20	0.89	2.96	4.31	59.62	7.96	
4:00	3.23	3.97	4.79	6.42	8.30	0.21	0.60	2.95	0.20	0.81	4.20	5.45	58.74	14.55	
5:00	3.44	4.15	4.87	6.87	8.47	0.18	0.54	2.56	0.20	0.57	3.51	4.37	57.81	13.01	
6:00	4.16	4.96	5.92	7.63	9.21	0.21	0.72	2.91	0.20	1.07	5.12	6.74	55.70	15.53	
7:00	4.33	5.40	6.64	8.87	11.91	0.23	0.81	2.89	0.21	2.30	8.45	11.97	52.85	22.61	
8:00	4.04	5.05	6.10	9.60	13.85	0.24	0.64	2.79	0.21	3.01	6.54	11.14	54.79	12.10	
9:00	4.00	4.87	5.78	8.95	13.78	0.32	1.02	2.61	0.22	3.37	6.13	11.27	54.47	8.66	
10:00	3.95	4.73	5.53	8.14	12.45	0.25	0.79	2.56	0.22	4.21	6.35	12.77	53.93	7.37	
11:00	4.93	5.73	6.52	9.62	14.58	0.26	0.80	2.50	0.22	4.67	7.21	14.35	51.96	6.95	
12:00	4.12	4.86	5.54	8.56	11.91	0.27	0.79	2.50	0.22	4.23	5.95	12.42	56.56	8.66	
13:00	3.85	4.61	5.29	8.83	14.75	0.28	0.87	2.49	0.22	4.32	6.83	13.45	58.00	6.53	
14:00	5.03	6.02	6.98	10.88	17.39	0.29	0.82	2.45	0.22	5.08	8.58	16.34	52.19	8.90	
15:00	5.12	6.01	6.88	11.02	17.45	0.45	0.85	2.52	0.24	4.45	7.19	13.99	54.19	7.14	
16:00	4.71	5.36	6.00	8.47	12.39	0.48	1.02	3.04	0.24	4.68	7.72	14.88	51.91	6.30	
17:00	5.70	6.27	6.77	8.44	10.30	0.38	0.75	2.50	0.24	4.47	7.53	14.37	48.14	6.37	
18:00	4.75	5.22	5.64	7.22	10.49	0.56	0.77	2.55	0.24	4.09	6.67	12.93	46.59	6.53	
19:00	6.74	7.52	8.17	11.40	15.84	0.38	0.95	2.61	0.24	3.77	6.01	11.77	45.54	7.93	
20:00	9.66	10.57	11.32	13.98	18.70	0.44	0.86	2.66	0.26	4.13	7.83	14.14	41.83	10.49	
21:00	7.79	8.44	9.02	10.78	12.90	0.61	1.05	2.73	0.33	2.30	7.96	11.48	39.63	7.13	
22:00	10.51	11.46	12.16	14.60	17.22	0.92	0.97	2.82	0.36	2.01	8.98	12.05	38.75	7.12	
23:00	9.11	9.77	10.26	12.15	14.03	0.68	n/a	n/a	0.38	1.88	7.75	10.62	38.07	7.55	
24:00	7.44	7.92	8.30	10.03	11.79	0.54	0.86	3.01	0.31	1.03	3.98	5.56	42.57	6.27	
<b>Min</b>	<b>3.00</b>	<b>3.74</b>	<b>4.51</b>	<b>6.42</b>	<b>8.30</b>	<b>0.18</b>	<b>0.54</b>	<b>2.45</b>	<b>0.20</b>	<b>0.57</b>	<b>2.96</b>	<b>4.31</b>	<b>38.07</b>	<b>6.27</b>	
<b>Max</b>	<b>10.51</b>	<b>11.46</b>	<b>12.16</b>	<b>14.60</b>	<b>18.70</b>	<b>0.92</b>	<b>1.05</b>	<b>3.05</b>	<b>0.38</b>	<b>5.08</b>	<b>8.98</b>	<b>16.34</b>	<b>59.62</b>	<b>22.61</b>	
<b>Medie</b>	<b>5.24</b>	<b>6.02</b>	<b>6.78</b>	<b>9.39</b>	<b>13.02</b>	<b>0.37</b>	<b>0.79</b>	<b>2.72</b>	<b>0.24</b>	<b>2.87</b>	<b>6.35</b>	<b>10.73</b>	<b>51.33</b>	<b>9.58</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)	1

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