

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBEȘ

12 IULIE 2020



## DATE CALITATE AER MUNICIPIUL SEBEȘ -

SISTEM PROPRIU DE MĂSURARE - Amplasament: PETREȘTI 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	Formald ehida
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	7.48	9.85	12.12	21.69	33.90	0.74	3.26	25.80	0.24	2.27	11.64	15.10	38.94	7.89	0.001
2:00	4.62	6.20	7.75	13.67	22.81	0.43	2.24	22.14	0.20	1.90	7.53	10.43	52.36	8.03	
3:00	4.49	6.15	7.67	13.48	23.40	0.44	2.57	23.94	0.21	1.65	11.05	13.56	47.57	7.99	
4:00	4.22	5.75	7.26	12.75	21.16	0.45	2.56	21.85	0.19	1.49	4.80	7.08	55.02	8.09	
5:00	4.18	5.67	7.15	11.94	17.54	0.47	2.99	23.00	0.21	1.42	8.58	10.74	42.93	8.09	
6:00	4.16	5.76	7.35	13.18	21.00	0.46	3.18	21.30	0.20	1.61	5.76	8.22	45.56	8.17	
7:00	4.12	5.73	7.46	13.34	22.59	0.57	2.84	26.44	0.20	1.68	3.83	6.39	55.90	8.11	
8:00	4.11	5.70	7.39	13.43	24.60	0.45	2.31	22.89	0.20	2.27	4.69	8.15	57.19	8.42	
9:00	5.34	7.27	9.18	18.30	33.93	0.39	2.34	22.36	0.20	2.58	3.82	7.76	60.04	9.00	
10:00	5.87	7.84	9.67	18.90	33.65	0.44	2.22	21.78	0.21	3.64	4.99	10.55	56.01	8.93	
11:00	6.77	9.80	12.54	29.51	55.42	0.39	2.17	20.32	0.21	3.19	4.62	9.49	57.65	8.77	
12:00	6.71	9.31	12.15	24.07	40.76	0.40	2.44	19.74	0.20	4.11	5.56	11.84	58.83	8.40	
13:00	6.71	9.12	11.73	22.59	38.91	0.41	1.83	17.60	0.20	4.74	6.52	13.76	49.99	7.92	
14:00	4.02	5.49	6.92	14.19	26.19	0.32	n/a	n/a	0.19	3.73	4.92	10.61	48.19	7.93	
15:00	3.85	4.96	6.06	11.12	20.40	0.40	1.73	17.21	0.19	4.74	5.34	12.58	36.67	7.90	
16:00	2.90	3.72	4.43	8.49	13.93	0.33	1.91	16.74	0.20	5.09	4.27	12.04	37.36	7.69	
17:00	4.57	5.31	5.95	9.62	15.47	0.45	1.62	15.07	0.22	4.31	3.73	10.31	41.04	7.66	
18:00	3.08	4.30	5.09	14.02	30.66	0.24	1.35	13.14	0.19	3.90	3.09	9.06	44.04	7.69	
19:00	2.42	3.55	4.43	12.18	30.15	0.25	1.21	12.89	0.19	4.31	3.54	10.13	47.97	7.67	
20:00	3.08	3.67	4.34	6.70	9.86	0.43	1.42	11.69	0.20	4.69	5.92	13.07	46.32	7.71	
21:00	3.60	4.14	4.64	6.73	9.70	0.27	1.20	11.53	0.20	4.23	6.78	13.25	43.20	7.66	
22:00	3.10	3.61	4.10	6.28	9.32	0.24	1.14	11.69	0.19	4.05	6.75	12.94	40.26	7.69	
23:00	2.29	2.70	3.13	4.61	6.30	0.19	1.04	12.12	0.18	2.70	4.95	9.08	41.31	7.66	
24:00	1.72	2.06	2.39	3.85	6.34	0.20	1.24	13.31	0.17	1.78	3.13	5.84	44.86	7.57	
<b>Min</b>	<b>1.72</b>	<b>2.06</b>	<b>2.39</b>	<b>3.85</b>	<b>6.30</b>	<b>0.19</b>	<b>1.04</b>	<b>11.53</b>	<b>0.17</b>	<b>1.42</b>	<b>3.09</b>	<b>5.84</b>	<b>36.67</b>	<b>7.57</b>	
<b>Max</b>	<b>7.48</b>	<b>9.85</b>	<b>12.54</b>	<b>29.51</b>	<b>55.42</b>	<b>0.74</b>	<b>3.26</b>	<b>26.44</b>	<b>0.24</b>	<b>5.09</b>	<b>11.64</b>	<b>15.10</b>	<b>60.04</b>	<b>9.00</b>	
<b>Medie</b>	<b>4.31</b>	<b>5.74</b>	<b>7.12</b>	<b>13.53</b>	<b>23.67</b>	<b>0.39</b>	<b>2.04</b>	<b>18.46</b>	<b>0.20</b>	<b>3.17</b>	<b>5.66</b>	<b>10.50</b>	<b>47.88</b>	<b>8.03</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