

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
23 OCTOMBRIE 2020



DATE CALITATE AER MUNICIPIUL SEBES -  
SISTEM PROPRIU DE MASURARE - Amplasament: SEBES , str. Viilor nr. 8  
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	48.82	51.11	53.05	57.87	63.85	4.01	2.92	1.94	0.91	49.72	22.02	97.98	0.62	6.49	0.009
2:00	39.45	41.34	42.95	47.06	51.08	2.69	1.94	1.31	0.81	37.32	19.18	76.20	0.41	6.13	
3:00	40.19	42.09	43.66	47.53	52.37	2.68	1.83	1.23	0.86	40.16	18.74	80.10	0.37	6.09	
4:00	33.96	35.65	37.07	41.01	46.11	2.33	1.59	1.16	0.78	44.20	16.93	84.48	0.27	6.14	
5:00	40.68	43.00	45.05	48.99	53.79	2.52	1.99	1.35	0.86	47.11	14.57	86.56	0.63	6.25	
6:00	31.37	32.90	34.10	37.65	42.35	1.90	1.37	1.03	0.66	68.84	15.95	121.14	0.93	7.49	
7:00	29.97	31.53	32.84	35.77	38.41	1.67	1.20	0.99	0.64	61.74	15.24	109.58	0.84	7.58	
8:00	36.32	37.72	38.73	41.82	45.62	2.06	1.46	1.04	0.70	62.99	13.89	110.14	0.97	7.55	
9:00	36.00	37.33	38.33	41.77	49.25	1.73	1.35	1.07	0.68	47.39	13.68	86.08	1.08	7.28	
10:00	35.63	36.80	37.61	39.46	42.16	2.10	1.47	1.09	0.63	33.75	11.56	63.13	1.73	6.85	
11:00	31.02	32.09	32.90	35.40	38.68	1.51	1.07	0.77	0.61	25.31	11.72	50.39	3.07	6.44	
12:00	40.92	42.65	44.08	48.95	56.41	2.59	2.80	1.37	0.69	19.89	14.20	44.59	7.78	6.06	
13:00	44.52	47.05	49.33	56.46	65.09	2.38	2.20	1.37	0.69	21.35	32.97	65.60	16.10	6.53	
14:00	44.75	47.85	50.40	60.39	74.24	1.87	2.31	1.56	0.56	8.49	14.81	27.77	22.70	6.02	
15:00	33.92	36.99	39.53	51.05	67.61	1.20	5.86	2.97	0.53	7.40	16.74	28.05	30.60	6.16	
16:00	34.34	37.30	39.99	50.82	65.63	1.12	2.06	1.98	0.51	5.82	18.24	27.13	36.59	6.36	
17:00	30.56	33.38	35.88	46.35	62.30	2.18	3.32	2.17	0.78	40.72	96.16	158.39	29.23	7.36	
18:00	35.92	39.40	42.33	55.18	72.13	1.70	2.12	2.20	0.60	8.09	32.45	44.80	31.05	6.66	
19:00	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	
20:00	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	
21:00	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	
22:00	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	
23:00	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	
24:00	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	n/a*	
<b>Min</b>	<b>29.97</b>	<b>31.53</b>	<b>32.84</b>	<b>35.40</b>	<b>38.41</b>	<b>1.12</b>	<b>1.07</b>	<b>0.77</b>	<b>0.51</b>	<b>5.82</b>	<b>11.56</b>	<b>27.13</b>	<b>0.27</b>	<b>6.02</b>	
<b>Max</b>	<b>48.82</b>	<b>51.11</b>	<b>53.05</b>	<b>60.39</b>	<b>74.24</b>	<b>4.01</b>	<b>5.86</b>	<b>2.97</b>	<b>0.91</b>	<b>68.84</b>	<b>96.16</b>	<b>158.39</b>	<b>36.59</b>	<b>7.58</b>	
<b>Medie</b>	<b>37.13</b>	<b>39.23</b>	<b>40.99</b>	<b>46.86</b>	<b>54.84</b>	<b>2.12</b>	<b>2.16</b>	<b>1.48</b>	<b>0.69</b>	<b>35.02</b>	<b>22.17</b>	<b>75.67</b>	<b>10.28</b>	<b>6.64</b>	

**Indice privind calitatea aerului in Municipiul Sebes - Ordin 1095/2007**

Monoxid de Carbon (CO)	1
Dioxid de azot (NO <sub>2</sub> )	2
Dioxid de sulf (SO <sub>2</sub> )	1
Ozon (O <sub>3</sub> )	1
Pulberi in suspensie (PM <sub>10</sub> )	4

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

Indice zilnic general	4
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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 - (O <sub>3</sub> )	120 µg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Dioxid de azot- (NO <sub>2</sub> )	200 µg/mc limita orara ; 40 µg/mc limita anuala	Legea 104/2011
Dioxid de sulf - (SO <sub>2</sub> )	350 µg/mc limita orara ; 125 µg/mc limita zilnica	Legea 104/2011
Pulberi in suspensie (PM <sub>10</sub> )	50 µg/mc limita zilnica ; 40 µg/mc limita anuala ;	Legea 104/2011
Pulberi in suspensie (PM <sub>2.5</sub> )	20 µg/mc limita anuala	Legea 104/2011
Benzen - (C <sub>6</sub> H <sub>6</sub> )	5 µg/mc limita anuala	Legea 104/2011
Formaldehida - (CHOH)	0.012 mg/mc media la 24 h	STAS 12574/87

n/a\*

datele furnizate prin intermediul Laboratorului mobil de măsurare a calității aerului din Sebeș nu au fost disponibile în perioada 22.10.2020, ora 18.00 – 23.10.2020, ora 10.00 din cauza lucrărilor efectuate la rețeaua electrică de pe raza UAT Sebeș.