

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
06 MARTIE 2026**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE -Municipiul Sebeș**

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/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>
1:00	32.92	34.76	36.28	40.66	47.29	1.26	1.48	0.27	0.42	2.16	24.63	26.61	21.06	13.02	N/A
2:00	30.44	32.13	33.49	38.08	45.28	1.41	1.35	0.28	0.39	14.80	36.99	51.73	7.13	13.01	
3:00	32.51	34.35	35.81	41.42	50.31	1.22	1.24	0.25	0.42	12.47	33.58	46.04	6.55	12.96	
4:00	30.96	32.59	33.81	37.38	42.49	1.23	1.40	0.27	0.43	7.02	35.67	42.72	4.16	12.79	
5:00	31.27	32.98	34.33	38.04	44.33	1.23	1.18	0.25	0.36	12.06	35.77	47.85	3.29	12.83	
6:00	28.62	30.19	31.48	34.04	37.88	1.21	0.88	0.22	0.32	56.83	29.76	86.60	2.09	13.07	
7:00	26.70	28.34	29.71	32.78	37.30	1.15	0.95	0.20	0.31	64.35	25.60	89.94	1.73	13.14	
8:00	26.09	27.95	29.53	33.26	38.50	1.86	1.21	0.23	0.34	63.00	25.32	88.33	3.16	13.19	
9:00	26.00	28.21	29.91	36.60	45.73	1.42	0.83	0.18	0.35	91.47	22.66	114.13	4.37	13.44	
10:00	34.52	37.65	40.14	51.45	69.66	1.62	1.40	0.30	0.44	65.63	28.75	94.38	11.70	13.41	
11:00	39.76	44.08	47.94	64.55	90.72	1.64	1.39	0.91	0.40	32.27	27.82	60.09	26.17	13.64	
12:00	30.99	35.23	39.32	54.31	77.85	1.14	1.21	0.37	0.35	32.84	30.36	63.19	31.35	13.53	
13:00	19.00	23.76	28.25	46.54	75.57	0.78	1.05	0.27	0.26	25.54	28.70	54.23	39.31	14.84	
14:00	14.00	19.61	25.34	47.87	86.08	0.56	0.60	0.21	0.23	41.72	29.22	70.95	41.29	15.05	
15:00	6.48	8.84	11.15	20.45	33.95	0.49	n/a	n/a	0.19	12.56	10.78	23.30	54.06	13.36	
16:00	11.00	12.44	13.79	17.92	24.30	0.51	0.33	0.15	0.20	4.11	5.42	9.36	57.70	13.21	
17:00	9.35	10.85	12.13	16.91	23.67	0.46	0.38	0.17	0.21	3.57	5.48	8.87	57.83	13.29	
18:00	9.75	11.22	12.45	17.22	24.37	0.56	0.37	0.17	0.21	0.71	12.09	12.45	50.29	12.96	
19:00	15.49	18.23	20.67	32.24	49.86	3.61	1.26	0.27	0.35	3.14	46.22	49.30	24.38	13.26	
20:00	49.77	54.73	58.77	78.13	105.71	4.49	2.49	0.54	0.86	43.07	59.11	102.17	8.56	13.93	
21:00	89.62	96.30	100.96	126.42	161.00	8.42	3.60	0.68	0.98	54.18	61.10	115.28	2.51	13.98	
22:00	47.35	53.34	57.21	69.53	87.14	3.12	1.51	0.33	0.68	24.94	49.77	74.72	4.26	13.45	
23:00	38.32	40.94	42.93	52.52	64.07	2.78	1.30	0.30	0.61	7.21	38.88	46.12	8.01	13.07	
24:00	35.69	38.25	40.20	49.19	60.55	2.71	1.25	0.27	0.54	17.52	41.00	58.52	3.23	12.98	
<b>Min</b>	<b>6.48</b>	<b>8.84</b>	<b>11.15</b>	<b>16.91</b>	<b>23.67</b>	<b>0.46</b>	<b>0.33</b>	<b>0.15</b>	<b>0.19</b>	<b>0.71</b>	<b>5.42</b>	<b>8.87</b>	<b>1.73</b>	<b>12.79</b>	
<b>Max</b>	<b>89.62</b>	<b>96.30</b>	<b>100.96</b>	<b>126.42</b>	<b>161.00</b>	<b>8.42</b>	<b>3.60</b>	<b>0.91</b>	<b>0.98</b>	<b>91.47</b>	<b>61.10</b>	<b>115.28</b>	<b>57.83</b>	<b>15.05</b>	
<b>Medie</b>	<b>29.86</b>	<b>32.79</b>	<b>35.23</b>	<b>44.90</b>	<b>59.32</b>	<b>1.87</b>	<b>1.25</b>	<b>0.31</b>	<b>0.41</b>	<b>28.88</b>	<b>31.03</b>	<b>59.87</b>	<b>19.76</b>	<b>13.39</b>	

**Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020**

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	3

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	4
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\*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

\*N/A - Analizorul de formaldehidă (CHOH) trimis in Finlanda pentru calibrare în laborator