

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

**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE -Municipiul Sebeş**

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	35.10	37.48	39.57	44.97	51.55	2.55	1.31	0.30	0.56	29.19	41.15	70.33	1.84	13.50	N/A
2:00	27.41	29.47	31.22	37.82	47.22	2.06	1.08	0.26	0.46	5.66	37.24	42.92	4.53	13.12	
3:00	23.75	25.74	27.45	33.50	41.49	1.84	1.03	0.23	0.42	23.91	34.17	58.12	2.04	13.13	
4:00	19.03	20.78	22.36	27.41	33.58	1.40	0.86	0.19	0.36	4.69	30.31	35.01	4.61	12.85	
5:00	15.23	16.74	18.06	22.71	29.54	1.03	0.68	0.17	0.30	3.75	28.60	32.36	5.49	12.79	
6:00	15.01	16.40	17.59	22.24	29.27	1.19	0.65	0.15	0.29	23.04	29.37	52.41	4.13	13.03	
7:00	14.16	15.63	16.92	21.73	27.54	0.98	0.67	0.15	0.28	67.83	28.06	95.90	2.13	13.43	
8:00	14.36	16.40	18.14	26.14	37.10	1.02	0.69	0.14	0.29	96.26	23.46	119.72	2.75	13.56	
9:00	16.04	18.53	20.68	31.89	49.68	1.38	0.78	0.17	0.33	73.57	23.09	96.65	6.64	13.71	
10:00	21.53	24.95	28.25	41.65	62.56	1.24	0.97	0.20	0.38	69.86	29.81	99.66	11.77	14.14	
11:00	25.87	31.50	36.95	60.70	97.08	1.21	1.14	0.24	0.34	47.66	31.48	79.16	23.66	14.38	
12:00	11.74	16.10	20.76	37.30	61.32	0.85	0.74	0.19	0.25	32.18	23.68	55.86	35.34	14.23	
13:00	8.12	11.18	14.10	27.64	51.39	0.76	1.29	0.29	0.22	25.23	17.71	42.93	43.33	14.44	
14:00	7.06	8.93	10.92	17.30	27.63	0.49	0.34	0.12	0.18	6.12	6.76	12.77	55.47	14.41	
15:00	6.52	8.01	9.40	15.21	23.55	0.44	0.41	0.14	0.18	7.28	7.19	14.29	56.58	14.10	
16:00	4.74	5.84	6.90	10.65	15.95	0.33	n/a	n/a	0.17	5.45	4.96	10.12	58.94	13.95	
17:00	3.73	4.72	5.76	9.07	13.58	0.28	0.25	0.12	0.15	0.98	1.88	2.61	61.37	14.00	
18:00	7.20	8.34	9.36	13.81	21.16	0.49	0.34	0.12	0.18	0.85	7.03	7.55	57.29	14.09	
19:00	11.29	13.28	15.06	24.26	36.55	2.07	2.25	0.36	0.36	10.08	29.57	39.55	33.33	14.48	
20:00	125.39	144.15	161.73	241.62	348.37	31.55	10.09	2.66	2.03	60.10	70.25	130.36	5.34	18.16	
21:00	134.15	147.19	155.89	198.03	255.35	9.01	4.34	1.37	1.34	39.86	51.88	91.77	8.25	15.19	
22:00	33.71	36.97	39.83	51.64	65.92	2.76	1.37	0.40	0.58	29.24	56.91	86.16	3.67	14.20	
23:00	35.29	38.07	40.41	50.03	62.97	2.53	1.21	0.30	0.53	11.41	41.59	52.94	7.90	13.65	
24:00	32.83	35.60	38.03	46.04	55.57	2.40	1.14	0.27	0.51	24.08	44.38	68.45	3.30	13.54	
<b>Min</b>	<b>3.73</b>	<b>4.72</b>	<b>5.76</b>	<b>9.07</b>	<b>13.58</b>	<b>0.28</b>	<b>0.25</b>	<b>0.12</b>	<b>0.15</b>	<b>0.85</b>	<b>1.88</b>	<b>2.61</b>	<b>1.84</b>	<b>12.79</b>	
<b>Max</b>	<b>134.15</b>	<b>147.19</b>	<b>161.73</b>	<b>241.62</b>	<b>348.37</b>	<b>31.55</b>	<b>10.09</b>	<b>2.66</b>	<b>2.03</b>	<b>96.26</b>	<b>70.25</b>	<b>130.36</b>	<b>61.37</b>	<b>18.16</b>	
<b>Medie</b>	<b>27.05</b>	<b>30.50</b>	<b>33.56</b>	<b>46.39</b>	<b>64.41</b>	<b>2.91</b>	<b>1.46</b>	<b>0.37</b>	<b>0.45</b>	<b>29.10</b>	<b>29.19</b>	<b>58.23</b>	<b>20.82</b>	<b>14.00</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