

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
05 IANUARIE 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	48.59	49.80	50.07	50.21	50.32	4.75	1.81	0.36	0.86	3.31	21.68	24.99	19.05	7.99	N/A
2:00	14.74	15.18	15.39	15.80	16.20	1.12	0.60	0.17	0.42	2.26	10.64	12.89	28.37	7.75	
3:00	14.84	15.25	15.49	15.59	15.68	1.35	0.65	0.18	0.40	2.39	9.49	11.87	28.49	7.92	
4:00	13.84	14.22	14.39	14.57	14.76	1.10	0.53	0.16	0.36	2.04	7.24	9.26	29.39	7.87	
5:00	13.03	13.39	13.54	13.67	13.79	1.08	0.50	0.14	0.35	2.03	7.52	9.54	29.48	7.80	
6:00	12.96	13.31	13.45	13.50	13.55	1.10	0.51	0.14	0.34	2.38	7.01	9.39	30.38	7.95	
7:00	13.95	14.29	14.41	14.52	15.43	1.53	0.53	0.14	0.35	2.48	7.98	10.45	31.30	8.10	
8:00	10.42	10.72	10.83	11.28	11.71	1.89	0.53	0.13	0.33	2.39	8.62	11.00	32.80	7.99	
9:00	12.66	13.05	13.26	13.81	14.36	2.17	0.68	0.15	0.36	3.57	11.28	14.86	30.94	8.01	
10:00	18.09	18.52	18.76	19.29	20.24	1.47	0.66	0.15	0.42	7.04	17.53	24.56	27.73	8.03	
11:00	19.69	20.28	20.61	21.16	22.00	2.25	0.80	0.17	0.39	5.02	11.64	16.65	30.72	8.13	
12:00	15.01	15.59	15.95	16.57	17.12	1.50	0.61	0.14	0.41	6.86	13.20	20.07	31.28	8.10	
13:00	16.94	17.70	18.31	19.72	21.64	1.30	0.64	0.16	0.39	4.63	10.89	15.50	32.87	8.12	
14:00	20.26	21.01	21.55	23.04	24.72	2.09	0.80	0.18	0.47	5.67	12.90	18.56	32.86	8.17	
15:00	20.91	21.70	22.18	24.01	25.71	2.01	1.02	0.22	0.48	5.25	13.71	18.95	33.68	8.13	
16:00	26.70	27.74	28.37	30.85	33.74	2.20	0.87	0.20	0.50	4.10	15.77	19.87	32.80	8.08	
17:00	29.62	30.40	30.75	31.13	31.79	4.99	1.33	0.24	0.57	3.58	12.46	16.04	31.64	8.21	
18:00	32.04	32.81	33.19	33.65	34.50	3.83	1.20	0.26	0.68	4.50	17.14	21.64	28.98	8.20	
19:00	34.86	35.85	36.20	36.56	37.19	3.69	1.42	0.27	0.76	4.64	19.81	24.44	26.59	8.10	
20:00	48.50	49.38	49.71	50.05	50.56	8.33	2.59	0.46	1.11	9.05	30.52	39.58	18.42	8.17	
21:00	44.11	44.87	45.19	45.54	45.87	4.70	1.56	0.30	1.03	3.87	20.23	24.11	19.88	8.16	
22:00	44.10	44.89	45.19	45.47	45.76	3.67	1.81	0.34	0.90	3.13	21.59	24.71	18.84	8.19	
23:00	62.71	63.88	64.31	64.52	64.67	5.84	2.26	0.43	0.87	4.35	26.42	30.77	15.04	8.16	
24:00	42.77	43.98	44.69	45.42	46.27	2.79	n/a	n/a	0.82	7.70	42.80	50.50	6.27	8.28	
<b>Min</b>	<b>10.42</b>	<b>10.72</b>	<b>10.83</b>	<b>11.28</b>	<b>11.71</b>	<b>1.08</b>	<b>0.50</b>	<b>0.13</b>	<b>0.33</b>	<b>2.03</b>	<b>7.01</b>	<b>9.26</b>	<b>6.27</b>	<b>7.75</b>	
<b>Max</b>	<b>62.71</b>	<b>63.88</b>	<b>64.31</b>	<b>64.52</b>	<b>64.67</b>	<b>8.33</b>	<b>2.59</b>	<b>0.46</b>	<b>1.11</b>	<b>9.05</b>	<b>42.80</b>	<b>50.50</b>	<b>33.68</b>	<b>8.28</b>	
<b>Medie</b>	<b>26.31</b>	<b>26.99</b>	<b>27.32</b>	<b>27.91</b>	<b>28.65</b>	<b>2.78</b>	<b>1.04</b>	<b>0.22</b>	<b>0.57</b>	<b>4.26</b>	<b>15.75</b>	<b>20.01</b>	<b>26.99</b>	<b>8.07</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)	1
Particule in suspensie (PM10)	2

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