

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
11 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	61.95	63.21	63.65	64.36	65.35	2.99	1.35	0.25	0.77	3.53	26.86	30.39	26.16	8.32	N/A
2:00	63.36	64.71	65.39	65.72	66.02	3.50	1.46	0.28	0.85	2.70	24.89	27.60	25.70	8.24	
3:00	76.45	78.06	78.89	79.59	80.27	4.48	1.80	0.32	1.02	2.87	23.46	26.34	23.46	8.22	
4:00	70.50	72.03	72.81	73.27	74.26	3.32	1.43	0.26	0.83	2.62	19.14	21.76	25.05	8.37	
5:00	60.09	61.72	62.79	63.23	63.71	2.90	1.26	0.25	0.69	3.39	18.86	22.27	27.49	8.32	
6:00	47.57	49.15	50.07	50.74	51.37	2.10	0.92	0.21	0.56	2.62	19.07	21.68	28.46	8.33	
7:00	64.18	66.00	66.74	66.92	67.14	3.47	1.44	0.28	0.77	3.60	25.70	29.31	21.44	8.36	
8:00	43.76	45.02	45.50	45.72	46.09	1.40	0.70	0.17	0.52	3.51	17.05	20.55	29.64	8.38	
9:00	18.30	18.98	19.27	19.87	20.61	1.82	0.67	0.15	0.38	2.65	11.52	14.17	36.59	8.28	
10:00	17.53	17.98	18.22	18.56	19.16	2.03	0.75	0.16	0.54	4.16	14.73	18.87	36.06	8.30	
11:00	10.53	10.85	11.03	11.54	12.52	1.70	0.71	0.15	0.32	2.84	9.47	12.32	40.44	8.33	
12:00	11.02	11.30	11.47	11.57	11.92	1.31	0.53	0.14	0.38	3.31	9.37	12.67	40.55	8.40	
13:00	21.90	22.43	22.71	23.48	24.45	2.61	0.93	0.18	0.53	7.92	15.64	23.56	36.19	8.51	
14:00	25.78	26.75	27.25	27.84	28.66	2.41	0.87	0.17	0.69	11.54	17.62	29.16	34.94	8.57	
15:00	17.45	17.98	18.28	18.68	19.43	2.02	0.98	0.18	0.59	8.53	12.96	21.48	38.39	8.45	
16:00	21.10	21.62	21.87	22.14	22.43	1.58	0.69	0.14	0.54	7.56	13.63	21.18	39.25	8.44	
17:00	35.21	35.85	36.22	36.49	36.97	3.25	1.09	0.20	0.61	10.16	16.92	27.07	39.39	8.86	
18:00	35.90	36.63	36.89	37.05	37.43	4.77	1.50	0.28	0.75	7.71	16.73	24.44	36.79	8.29	
19:00	28.47	29.33	29.65	29.94	30.27	2.29	0.82	0.15	0.84	11.40	16.41	27.82	37.29	8.23	
20:00	30.67	31.70	32.05	32.45	33.21	2.33	0.85	0.15	0.84	6.73	15.02	21.74	37.96	8.28	
21:00	20.54	21.37	21.74	21.93	22.17	1.75	0.77	0.16	0.58	5.81	12.64	18.46	40.28	8.20	
22:00	20.62	21.44	21.73	22.13	23.00	2.71	0.88	0.16	0.50	4.09	10.75	14.84	41.32	7.99	
23:00	17.09	17.76	18.00	18.36	18.74	1.60	0.60	0.12	0.49	4.84	10.02	14.87	42.01	8.05	
24:00	16.63	17.11	17.29	17.53	18.04	1.16	0.48	0.10	0.43	2.54	8.12	10.66	42.57	8.10	
<b>Min</b>	<b>10.53</b>	<b>10.85</b>	<b>11.03</b>	<b>11.54</b>	<b>11.92</b>	<b>1.16</b>	<b>0.48</b>	<b>0.10</b>	<b>0.32</b>	<b>2.54</b>	<b>8.12</b>	<b>10.66</b>	<b>21.44</b>	<b>7.99</b>	
<b>Max</b>	<b>76.45</b>	<b>78.06</b>	<b>78.89</b>	<b>79.59</b>	<b>80.27</b>	<b>4.77</b>	<b>1.80</b>	<b>0.32</b>	<b>1.02</b>	<b>11.54</b>	<b>26.86</b>	<b>30.39</b>	<b>42.57</b>	<b>8.86</b>	
<b>Medie</b>	<b>34.86</b>	<b>35.79</b>	<b>36.23</b>	<b>36.63</b>	<b>37.22</b>	<b>2.48</b>	<b>0.98</b>	<b>0.19</b>	<b>0.63</b>	<b>5.28</b>	<b>16.11</b>	<b>21.38</b>	<b>34.48</b>	<b>8.33</b>	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	1
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