

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
10 FEBRUARIE 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	26.02	26.80	27.31	29.01	31.80	2.67	1.62	0.39	0.59	1.63	14.36	15.88	15.53	10.33	N/A
2:00	29.51	30.27	30.79	32.39	34.19	1.83	1.30	0.31	0.61	1.16	14.16	15.22	13.19	10.41	
3:00	29.46	30.35	30.94	33.81	37.92	2.19	1.37	0.34	0.63	1.67	14.28	15.65	12.95	10.28	
4:00	24.53	25.43	26.05	28.42	31.68	1.75	1.25	0.29	0.63	0.72	10.45	10.94	15.29	10.26	
5:00	21.33	22.03	22.52	23.95	26.39	2.34	1.17	0.28	0.64	0.93	10.45	11.09	13.90	10.31	
6:00	17.48	18.09	18.53	19.93	21.68	1.37	0.88	0.23	0.61	1.26	10.84	11.91	14.78	10.27	
7:00	23.01	24.74	26.07	35.09	48.31	2.50	1.36	0.32	0.58	16.86	28.42	45.27	7.51	10.48	
8:00	39.68	42.71	45.10	61.51	85.09	5.43	2.16	0.48	0.60	28.98	36.89	65.86	4.85	10.61	
9:00	32.11	35.00	37.43	49.99	68.31	3.50	1.57	0.36	0.62	13.82	29.42	43.23	12.87	10.52	
10:00	26.16	28.21	30.08	38.78	49.75	2.36	1.06	0.28	0.61	1.36	12.49	13.79	22.16	10.37	
11:00	18.44	19.85	21.14	26.40	34.74	1.60	0.89	0.26	0.58	7.28	16.84	24.12	22.44	10.58	
12:00	18.31	19.53	20.52	25.35	33.11	1.87	1.03	0.27	0.55	2.77	11.13	13.89	26.17	10.49	
13:00	18.83	20.05	21.04	25.91	33.58	1.57	1.06	0.28	0.53	3.68	10.89	14.55	27.09	10.46	
14:00	17.05	18.63	19.91	26.69	36.27	1.18	0.74	0.24	0.51	2.95	10.00	12.88	28.27	10.23	
15:00	18.25	19.65	20.81	25.31	31.95	1.44	0.87	0.24	0.48	1.19	9.07	10.05	29.59	10.13	
16:00	18.15	19.46	20.62	24.83	32.24	1.12	0.81	0.24	0.47	2.86	12.47	15.00	27.98	10.12	
17:00	24.32	26.40	28.25	37.18	49.73	4.84	1.91	0.48	0.47	4.89	20.02	24.84	24.62	10.41	
18:00	32.22	34.23	36.01	43.61	55.73	2.43	1.36	0.35	0.49	0.73	17.84	18.21	22.69	10.61	
19:00	43.08	46.24	48.89	62.36	82.86	3.13	n/a	n/a	0.52	10.82	36.14	46.86	11.92	10.72	
20:00	52.18	55.39	58.19	71.97	93.96	10.00	3.28	0.57	0.57	15.48	46.57	62.05	6.75	10.81	
21:00	71.37	75.37	78.76	92.86	110.61	7.53	9.90	1.27	0.69	15.28	45.26	60.54	4.07	10.70	
22:00	99.34	103.01	105.72	120.63	141.42	11.56	4.90	0.87	0.84	16.81	37.80	54.61	3.14	10.90	
23:00	79.53	82.00	83.92	93.01	106.35	8.58	3.94	0.73	0.99	10.99	30.11	41.12	3.78	10.60	
24:00	65.69	67.29	68.24	73.83	82.10	6.41	3.01	0.63	1.09	5.25	21.32	26.56	6.21	10.41	
<b>Min</b>	<b>17.05</b>	<b>18.09</b>	<b>18.53</b>	<b>19.93</b>	<b>21.68</b>	<b>1.12</b>	<b>0.74</b>	<b>0.23</b>	<b>0.47</b>	<b>0.72</b>	<b>9.07</b>	<b>10.05</b>	<b>3.14</b>	<b>10.12</b>	
<b>Max</b>	<b>99.34</b>	<b>103.01</b>	<b>105.72</b>	<b>120.63</b>	<b>141.42</b>	<b>11.56</b>	<b>9.90</b>	<b>1.27</b>	<b>1.09</b>	<b>28.98</b>	<b>46.57</b>	<b>65.86</b>	<b>29.59</b>	<b>10.90</b>	
<b>Medie</b>	<b>35.25</b>	<b>37.11</b>	<b>38.62</b>	<b>45.95</b>	<b>56.66</b>	<b>3.72</b>	<b>2.06</b>	<b>0.42</b>	<b>0.62</b>	<b>7.06</b>	<b>21.13</b>	<b>28.09</b>	<b>15.74</b>	<b>10.46</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)	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