

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
09 FEBRUARIE 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/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	47.27	48.47	49.16	50.86	53.28	3.31	1.70	0.42	0.60	3.12	16.97	20.10	6.29	10.54	N/A
2:00	36.94	37.83	38.42	40.05	42.07	3.13	1.60	0.38	0.64	2.46	14.25	16.71	7.06	10.60	
3:00	34.18	35.05	35.63	36.57	37.86	2.51	1.41	0.39	0.67	0.98	9.92	10.77	7.90	10.55	
4:00	30.80	31.74	32.37	33.25	34.42	2.34	1.39	0.37	0.68	1.50	10.45	11.85	7.10	10.41	
5:00	19.51	20.21	20.82	22.31	24.03	1.54	0.99	0.29	0.67	1.18	7.50	8.43	10.90	10.44	
6:00	15.60	16.38	17.14	19.28	22.68	1.33	0.94	0.31	0.65	2.10	8.56	10.50	11.61	10.35	
7:00	13.65	14.90	15.97	22.02	31.70	1.55	0.91	0.32	0.62	10.02	18.14	28.16	8.92	10.52	
8:00	20.35	22.12	23.79	32.97	48.06	2.36	1.11	0.37	0.60	23.43	26.28	49.70	6.95	10.62	
9:00	23.16	24.34	25.42	29.33	34.73	2.96	1.69	0.44	0.61	26.17	27.32	53.49	5.15	10.67	
10:00	33.76	35.04	35.99	39.11	43.36	5.89	2.55	0.84	0.62	13.46	22.13	35.58	7.62	10.70	
11:00	32.59	34.07	35.27	38.78	44.38	3.38	1.55	0.54	0.63	12.37	19.20	31.56	11.71	10.70	
12:00	32.26	34.43	36.09	41.62	50.85	2.62	2.23	0.66	0.62	19.27	22.30	41.58	12.37	10.58	
13:00	30.79	32.91	34.51	39.74	48.17	2.17	4.04	0.67	0.62	10.53	16.83	27.36	14.35	10.44	
14:00	19.53	20.61	21.35	24.28	31.24	1.59	n/a	n/a	0.60	2.15	8.39	10.53	20.31	10.29	
15:00	24.58	26.72	27.67	31.12	36.39	1.66	1.25	0.41	0.59	4.51	10.08	14.58	18.72	10.31	
16:00	16.78	18.07	19.11	24.48	33.61	1.78	2.39	0.54	0.58	3.64	10.34	13.97	22.49	10.40	
17:00	9.93	10.68	11.39	14.99	20.00	1.93	3.32	0.65	0.58	1.20	11.04	12.18	22.42	10.22	
18:00	11.45	12.05	12.56	15.53	20.14	1.91	2.34	0.62	0.57	1.74	12.35	14.01	21.44	10.21	
19:00	16.77	17.38	17.90	20.21	23.88	2.36	1.91	0.76	0.57	1.19	11.20	12.31	21.83	10.26	
20:00	17.15	17.69	18.07	20.31	23.20	2.22	1.49	0.44	0.57	1.59	10.10	11.64	22.49	10.57	
21:00	19.35	19.95	20.27	22.17	24.30	2.34	1.39	0.40	0.57	1.13	10.55	11.57	20.98	10.67	
22:00	16.61	17.07	17.36	18.93	22.35	2.27	1.43	0.41	0.57	1.09	10.95	11.94	22.11	10.49	
23:00	19.19	20.02	20.64	22.61	24.82	1.96	1.12	0.32	0.56	0.80	9.34	9.80	22.48	10.39	
24:00	50.58	52.25	52.87	56.01	60.70	2.50	1.44	0.38	0.56	2.85	13.50	16.15	19.93	10.33	
<b>Min</b>	<b>9.93</b>	<b>10.68</b>	<b>11.39</b>	<b>14.99</b>	<b>20.00</b>	<b>1.33</b>	<b>0.91</b>	<b>0.29</b>	<b>0.56</b>	<b>0.80</b>	<b>7.50</b>	<b>8.43</b>	<b>5.15</b>	<b>10.21</b>	
<b>Max</b>	<b>50.58</b>	<b>52.25</b>	<b>52.87</b>	<b>56.01</b>	<b>60.70</b>	<b>5.89</b>	<b>4.04</b>	<b>0.84</b>	<b>0.68</b>	<b>26.17</b>	<b>27.32</b>	<b>53.49</b>	<b>22.49</b>	<b>10.70</b>	
<b>Medie</b>	<b>24.70</b>	<b>25.83</b>	<b>26.66</b>	<b>29.85</b>	<b>34.84</b>	<b>2.40</b>	<b>1.75</b>	<b>0.48</b>	<b>0.61</b>	<b>6.19</b>	<b>14.07</b>	<b>20.19</b>	<b>14.71</b>	<b>10.47</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**

\*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