

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
02 APRILIE 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	17.08	17.80	18.43	20.29	23.14	1.41	0.60	0.14	0.40	22.40	36.50	58.90	2.28	15.62	N/A
2:00	16.73	17.41	18.06	19.04	20.25	1.23	0.49	0.12	0.37	3.13	26.34	29.39	6.45	15.48	
3:00	16.62	17.38	17.93	19.28	20.58	1.24	0.53	0.13	0.36	8.93	29.19	38.10	2.93	15.32	
4:00	16.07	17.02	17.89	20.11	23.22	1.22	0.54	0.13	0.35	24.13	30.15	54.27	2.19	15.63	
5:00	14.57	15.28	15.83	17.96	21.76	1.09	0.44	0.11	0.32	7.96	25.50	33.46	5.55	15.43	
6:00	13.44	14.01	14.52	15.44	16.43	0.45	0.41	0.12	0.27	7.44	19.56	27.00	13.37	15.50	
7:00	13.71	15.67	17.70	25.94	36.90	1.41	1.89	0.41	0.37	66.09	33.23	99.31	11.21	16.01	
8:00	12.99	13.95	14.93	17.94	22.14	0.99	0.60	0.17	0.26	5.29	14.39	19.69	19.32	15.62	
9:00	12.70	13.52	14.19	16.50	20.78	1.07	0.65	0.14	0.27	4.41	8.82	13.22	22.02	15.76	
10:00	15.30	16.05	16.76	18.21	19.76	1.14	0.75	0.16	0.29	2.51	8.75	11.23	20.95	15.46	
11:00	16.64	17.33	17.88	19.22	20.60	1.10	0.82	0.16	0.29	2.61	9.31	11.91	18.70	15.48	
12:00	18.44	19.32	20.07	22.06	25.11	1.23	0.68	0.15	0.30	3.69	8.15	11.84	21.09	15.53	
13:00	16.59	17.36	18.04	19.54	22.00	0.98	0.53	0.13	0.27	2.50	6.22	8.70	24.33	15.42	
14:00	16.73	17.44	18.07	19.65	22.25	1.41	0.63	0.14	0.27	3.01	7.20	10.22	25.48	15.54	
15:00	16.76	17.55	18.17	20.39	23.81	0.99	0.51	0.13	0.27	1.74	6.94	8.67	27.43	15.57	
16:00	14.95	15.72	16.42	17.53	18.76	1.05	0.55	0.15	0.27	1.30	8.34	9.56	26.93	15.60	
17:00	17.70	18.62	19.51	21.05	22.64	1.88	0.82	0.14	0.30	1.97	13.92	15.86	21.81	15.60	
18:00	17.68	18.51	19.20	21.42	24.54	1.34	1.32	0.77	0.31	1.70	17.03	18.70	18.10	15.68	
19:00	15.87	16.85	17.83	19.26	21.00	1.15	0.54	0.50	0.28	1.29	13.76	14.96	21.15	15.58	
20:00	14.89	15.76	16.65	17.88	18.99	1.50	0.64	0.17	0.33	1.24	14.33	15.43	21.97	15.70	
21:00	14.67	15.56	16.52	17.28	17.94	1.90	n/a	n/a	0.29	1.51	12.02	13.48	18.27	15.67	
22:00	15.42	16.30	17.20	17.84	18.42	1.28	0.63	0.16	0.31	2.30	8.15	10.38	21.22	15.58	
23:00	14.63	15.47	16.23	17.31	18.41	1.15	0.54	0.16	0.32	0.76	6.36	6.93	25.40	15.71	
24:00	14.74	15.53	16.28	16.66	16.96	1.09	0.53	0.14	0.32	0.76	8.16	8.78	23.06	15.63	
<b>Min</b>	<b>12.70</b>	<b>13.52</b>	<b>14.19</b>	<b>15.44</b>	<b>16.43</b>	<b>0.45</b>	<b>0.41</b>	<b>0.11</b>	<b>0.26</b>	<b>0.76</b>	<b>6.22</b>	<b>6.93</b>	<b>2.19</b>	<b>15.32</b>	
<b>Max</b>	<b>18.44</b>	<b>19.32</b>	<b>20.07</b>	<b>25.94</b>	<b>36.90</b>	<b>1.90</b>	<b>1.89</b>	<b>0.77</b>	<b>0.40</b>	<b>66.09</b>	<b>36.50</b>	<b>99.31</b>	<b>27.43</b>	<b>16.01</b>	
<b>Medie</b>	<b>15.62</b>	<b>16.47</b>	<b>17.26</b>	<b>19.08</b>	<b>21.52</b>	<b>1.22</b>	<b>0.68</b>	<b>0.20</b>	<b>0.31</b>	<b>7.44</b>	<b>15.51</b>	<b>22.92</b>	<b>17.55</b>	<b>15.59</b>	

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

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	1

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	2
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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