

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
19 Iunie 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	8.35	10.11	11.90	16.16	21.14	0.47	0.78	1.38	0.16	0.76	17.37	17.96	19.53	29.79	N/A
2:00	8.51	10.18	12.11	15.81	20.50	0.24	0.57	1.20	0.14	1.77	25.11	26.78	10.87	29.86	
3:00	7.98	9.74	11.77	16.46	21.08	0.22	0.54	n/a	0.13	8.34	30.16	38.50	3.01	29.70	
4:00	7.58	9.64	11.99	17.26	23.29	0.20	0.55	1.12	0.13	11.17	26.51	37.68	4.03	30.00	
5:00	7.16	9.65	12.84	18.19	23.73	0.23	0.60	1.09	0.13	17.64	25.86	43.49	3.12	29.98	
6:00	7.29	10.05	13.61	19.44	26.91	0.28	0.54	1.05	0.13	36.68	24.19	60.87	2.60	30.01	
7:00	7.84	10.64	14.07	20.84	29.39	0.46	0.97	1.77	0.15	42.92	23.63	66.55	5.46	30.03	
8:00	16.77	20.87	24.95	41.55	73.27	0.51	n/a	n/a	0.23	36.28	34.67	70.94	17.45	30.68	
9:00	13.86	17.80	21.49	37.33	65.40	0.59	2.25	1.32	0.20	20.06	30.59	50.65	30.94	31.45	
10:00	9.04	11.81	14.68	23.08	35.92	0.23	0.68	1.10	0.19	8.26	17.09	25.34	51.69	30.57	
11:00	6.18	8.18	10.25	16.07	24.90	0.22	0.74	n/a	0.15	7.84	12.40	20.18	63.15	30.48	
12:00	6.21	8.23	10.42	15.91	25.79	0.21	0.53	n/a	0.15	7.60	11.44	18.97	64.71	30.09	
13:00	5.96	7.89	9.82	15.88	25.79	0.19	0.49	n/a	0.15	6.41	10.22	16.53	62.66	29.82	
14:00	5.47	7.05	8.75	12.68	19.40	0.17	0.34	n/a	0.14	2.60	4.98	7.44	63.54	29.81	
15:00	5.30	6.93	8.74	12.82	19.30	0.18	0.41	n/a	0.14	2.50	4.66	6.98	63.02	29.88	
16:00	5.29	6.85	8.61	11.96	15.79	0.16	0.44	n/a	0.14	0.61	2.33	2.59	65.16	29.90	
17:00	5.38	7.03	8.85	12.75	18.48	0.13	0.24	n/a	0.15	2.14	5.77	7.51	65.35	29.91	
18:00	5.68	7.56	9.60	15.18	23.18	0.22	0.59	n/a	0.17	5.78	12.83	18.59	65.82	30.07	
19:00	6.27	8.32	10.43	16.51	25.57	0.23	0.82	1.26	0.17	8.56	16.44	24.94	65.60	29.94	
20:00	7.30	10.20	12.99	24.18	42.11	0.31	1.17	n/a	0.19	6.27	22.56	28.70	52.17	30.08	
21:00	12.75	17.11	21.26	39.05	65.63	0.29	0.92	1.40	0.22	7.82	28.00	35.81	34.75	30.34	
22:00	12.65	16.55	20.31	36.14	60.65	0.46	1.57	1.56	0.21	2.50	24.93	27.36	30.39	30.47	
23:00	10.17	12.86	15.61	23.99	34.17	0.43	1.19	1.46	0.19	4.10	42.27	46.36	8.21	30.43	
24:00	8.13	10.21	12.36	18.32	25.80	0.33	1.88	1.57	0.17	8.29	41.22	49.51	5.16	30.56	
<b>Min</b>	<b>5.29</b>	<b>6.85</b>	<b>8.61</b>	<b>11.96</b>	<b>15.79</b>	<b>0.13</b>	<b>0.24</b>	<b>1.05</b>	<b>0.13</b>	<b>0.61</b>	<b>2.33</b>	<b>2.59</b>	<b>2.60</b>	<b>29.70</b>	
<b>Max</b>	<b>16.77</b>	<b>20.87</b>	<b>24.95</b>	<b>41.55</b>	<b>73.27</b>	<b>0.59</b>	<b>2.25</b>	<b>1.77</b>	<b>0.23</b>	<b>42.92</b>	<b>42.27</b>	<b>70.94</b>	<b>65.82</b>	<b>31.45</b>	
<b>Medie</b>	<b>8.21</b>	<b>10.64</b>	<b>13.23</b>	<b>20.73</b>	<b>31.97</b>	<b>0.29</b>	<b>0.82</b>	<b>1.33</b>	<b>0.16</b>	<b>10.70</b>	<b>20.63</b>	<b>31.26</b>	<b>35.77</b>	<b>30.16</b>	

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

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

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