

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
20 Iunie 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	8.61	10.57	12.54	18.65	26.29	0.31	0.88	1.48	0.15	0.88	21.93	22.72	15.71	30.68	N/A
2:00	9.72	11.83	13.87	21.44	31.48	0.29	0.81	n/a	0.16	11.16	34.11	45.26	2.31	30.80	
3:00	9.71	11.91	14.45	20.01	26.40	0.26	0.73	n/a	0.15	5.05	28.08	33.12	4.56	30.63	
4:00	8.96	11.66	14.97	20.75	26.99	0.27	0.64	n/a	0.14	0.86	20.47	21.27	7.89	30.86	
5:00	8.99	12.00	15.79	21.78	28.41	0.25	0.67	1.47	0.14	2.78	21.32	24.10	6.64	30.77	
6:00	8.88	12.20	16.63	22.63	28.87	0.42	0.64	1.50	0.14	16.52	20.58	37.10	4.27	30.95	
7:00	9.10	12.02	15.72	21.46	28.43	0.40	1.50	1.46	0.15	20.69	17.98	38.67	8.14	30.86	
8:00	13.33	15.77	18.42	25.61	36.12	0.28	0.87	1.44	0.17	10.20	16.80	27.01	26.72	30.87	
9:00	14.09	16.58	19.06	27.30	39.23	0.49	1.33	1.65	0.19	8.26	17.88	26.13	39.23	30.99	
10:00	22.91	26.21	29.32	42.28	65.48	0.53	1.45	1.69	0.21	6.90	22.06	28.96	58.03	30.95	
11:00	10.89	12.94	15.07	21.62	32.72	0.23	0.83	1.54	0.17	4.25	10.62	14.82	63.17	31.02	
12:00	8.14	9.74	11.33	16.68	26.15	0.18	0.42	1.48	0.15	2.72	5.70	8.26	67.46	30.87	
13:00	8.36	9.98	11.62	17.04	25.93	0.20	n/a	n/a	0.16	3.50	6.93	10.30	68.17	30.47	
14:00	8.07	9.39	10.90	14.03	18.29	0.17	0.49	n/a	0.16	1.29	3.51	4.62	65.97	30.32	
15:00	7.51	8.67	9.90	13.16	18.34	0.15	0.35	n/a	0.14	0.45	2.18	2.15	62.92	30.26	
16:00	7.15	8.30	9.52	12.57	16.88	0.14	0.29	n/a	0.15	1.04	3.13	3.82	62.56	30.29	
17:00	7.18	8.28	9.42	12.84	18.15	0.17	0.36	n/a	0.15	1.38	3.97	5.08	64.57	30.40	
18:00	7.34	8.51	9.76	13.50	19.67	0.15	0.31	n/a	0.15	0.72	2.37	2.70	66.86	30.24	
19:00	7.75	8.89	9.96	13.90	19.97	0.18	0.31	n/a	0.15	0.51	2.78	2.76	67.05	30.54	
20:00	10.10	12.79	15.24	28.55	49.41	0.40	1.49	n/a	0.21	4.48	14.83	19.25	51.13	30.63	
21:00	15.58	19.86	23.65	46.59	80.18	1.05	3.12	1.70	0.25	3.51	18.71	21.93	36.00	30.62	
22:00	11.85	14.22	16.38	25.97	39.39	0.46	1.39	n/a	0.22	2.55	24.48	26.97	27.36	30.70	
23:00	13.25	15.10	16.96	23.21	31.22	0.36	0.82	n/a	0.20	1.01	26.62	27.55	16.45	30.71	
24:00	11.24	12.70	14.06	19.58	26.55	0.32	0.69	n/a	0.17	0.67	14.17	14.72	23.19	30.81	
<b>Min</b>	<b>7.15</b>	<b>8.28</b>	<b>9.42</b>	<b>12.57</b>	<b>16.88</b>	<b>0.14</b>	<b>0.29</b>	<b>1.44</b>	<b>0.14</b>	<b>0.45</b>	<b>2.18</b>	<b>2.15</b>	<b>2.31</b>	<b>30.24</b>	
<b>Max</b>	<b>22.91</b>	<b>26.21</b>	<b>29.32</b>	<b>46.59</b>	<b>80.18</b>	<b>1.05</b>	<b>3.12</b>	<b>1.70</b>	<b>0.25</b>	<b>20.69</b>	<b>34.11</b>	<b>45.26</b>	<b>68.17</b>	<b>31.02</b>	
<b>Medie</b>	<b>10.36</b>	<b>12.51</b>	<b>14.77</b>	<b>21.71</b>	<b>31.69</b>	<b>0.32</b>	<b>0.89</b>	<b>1.54</b>	<b>0.17</b>	<b>4.64</b>	<b>15.05</b>	<b>19.55</b>	<b>38.18</b>	<b>30.68</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)	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