

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
14 MARTIE 2025**

**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	8.82	9.87	10.86	12.19	14.20	0.90	0.72	1.41	0.29	5.50	13.24	18.73	43.94	8.87	N/A
2:00	3.88	4.95	6.12	7.56	9.87	0.82	0.73	1.38	0.20	5.24	12.51	17.74	45.81	8.95	
3:00	2.35	3.00	3.68	4.52	5.43	2.38	0.90	1.35	0.67	5.03	11.93	16.95	56.16	8.93	
4:00	4.37	5.17	5.91	7.15	8.86	0.77	0.75	1.34	0.25	4.96	11.29	16.25	38.02	8.73	
5:00	5.94	6.77	7.56	8.86	9.98	0.82	n/a	n/a	0.27	5.06	10.95	16.01	29.92	8.65	
6:00	5.96	6.52	7.03	8.49	9.67	0.98	0.68	1.32	0.38	4.90	10.48	15.37	36.71	8.42	
7:00	8.97	9.83	10.60	12.78	15.11	1.80	1.46	1.63	0.39	6.72	11.87	18.59	13.06	8.60	
8:00	19.83	20.98	21.98	24.50	27.22	3.04	2.44	0.83	0.55	9.95	14.84	24.76	13.36	9.01	
9:00	10.25	11.16	12.00	14.20	18.29	1.47	1.38	0.55	0.32	9.96	16.76	26.70	31.24	9.41	
10:00	5.85	6.92	7.93	11.29	16.19	0.74	0.78	0.50	0.18	8.16	16.71	24.87	42.11	9.88	
11:00	4.46	6.16	7.77	15.00	24.44	0.70	0.78	0.55	0.19	7.80	16.43	24.22	38.29	10.52	
12:00	13.60	16.36	18.98	29.56	46.81	0.94	1.51	0.73	0.23	8.27	17.57	25.83	37.41	12.21	
13:00	11.88	14.15	16.35	24.14	36.76	0.79	1.20	0.78	0.21	8.32	17.91	26.22	45.13	12.68	
14:00	9.38	11.73	14.05	21.94	33.17	0.85	1.31	2.05	0.21	7.78	18.32	26.08	51.83	11.05	
15:00	5.81	7.83	9.73	16.63	26.36	0.70	0.91	0.66	0.20	7.04	17.99	25.04	58.81	9.73	
16:00	2.49	4.32	6.12	11.92	22.90	0.48	0.51	0.59	0.16	5.76	16.55	22.31	75.81	8.86	
17:00	5.01	6.03	7.08	8.74	11.51	1.51	0.95	1.51	0.24	4.93	15.45	20.38	62.02	9.05	
18:00	7.19	8.45	9.65	11.32	13.07	1.02	0.68	1.50	0.29	6.31	15.10	21.41	53.15	9.43	
19:00	27.57	29.84	31.75	36.94	44.03	5.66	4.56	2.67	0.80	7.36	16.80	24.15	23.76	9.32	
20:00	44.98	47.15	48.92	52.86	58.63	11.57	4.39	1.15	1.01	8.53	18.72	27.23	24.09	9.13	
21:00	57.16	59.33	61.09	64.62	68.74	21.89	6.10	1.31	1.45	9.30	19.76	29.04	14.05	9.18	
22:00	70.13	73.17	75.51	79.56	84.96	11.82	4.67	2.77	1.50	10.67	20.01	30.67	7.33	9.04	
23:00	77.77	81.17	83.74	88.52	94.16	9.26	4.38	2.79	1.52	11.65	19.46	31.08	6.42	8.95	
24:00	83.70	86.76	88.89	93.65	100.10	10.48	5.10	3.02	1.70	12.98	18.76	31.72	6.30	8.90	
<b>Min</b>	<b>2.35</b>	<b>3.00</b>	<b>3.68</b>	<b>4.52</b>	<b>5.43</b>	<b>0.48</b>	<b>0.51</b>	<b>0.50</b>	<b>0.16</b>	<b>4.90</b>	<b>10.48</b>	<b>15.37</b>	<b>6.30</b>	<b>8.42</b>	
<b>Max</b>	<b>83.70</b>	<b>86.76</b>	<b>88.89</b>	<b>93.65</b>	<b>100.10</b>	<b>21.89</b>	<b>6.10</b>	<b>3.02</b>	<b>1.70</b>	<b>12.98</b>	<b>20.01</b>	<b>31.72</b>	<b>75.81</b>	<b>12.68</b>	
<b>Medie</b>	<b>20.72</b>	<b>22.40</b>	<b>23.89</b>	<b>27.79</b>	<b>33.35</b>	<b>3.81</b>	<b>2.04</b>	<b>1.41</b>	<b>0.55</b>	<b>7.59</b>	<b>15.81</b>	<b>23.39</b>	<b>35.61</b>	<b>9.48</b>	

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

Particule in suspensie (PM2,5)	3
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	3
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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 - Analizor trimis la producător pentru calibrare și update firmware