

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
24 OCTOMBRIE 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	62.75	65.66	68.02	72.37	77.60	5.51	4.63	1.77	1.20	4.37	21.11	25.47	7.64	7.09	0.006
2:00	30.79	32.65	34.35	37.15	41.51	4.59	4.35	1.60	0.71	1.60	17.85	19.38	9.90	7.47	
3:00	35.61	37.67	39.55	42.55	45.97	4.48	4.85	1.62	0.73	1.24	14.63	15.81	6.98	7.51	
4:00	31.39	33.24	34.89	38.08	42.15	4.39	4.68	1.58	0.65	1.25	14.69	15.87	7.39	7.33	
5:00	27.76	29.58	31.24	33.84	37.03	4.03	4.44	1.57	0.55	2.31	14.70	16.92	6.88	7.62	
6:00	22.12	23.76	25.33	28.38	32.18	2.78	3.69	1.50	0.49	7.15	18.22	25.35	5.38	7.74	
7:00	19.03	20.57	22.12	25.50	29.91	2.84	3.91	1.31	0.48	29.23	29.08	58.31	2.94	7.55	
8:00	24.02	25.74	27.41	31.01	36.82	3.62	4.46	1.51	0.59	61.63	34.56	96.20	1.78	7.35	
9:00	21.52	23.34	25.02	30.06	38.14	3.86	4.26	1.56	0.49	35.42	32.95	68.36	7.12	7.76	
10:00	3.69	4.44	5.12	7.65	13.31	0.94	1.24	1.01	0.18	3.38	9.24	12.53	44.34	7.19	
11:00	1.18	1.57	1.93	3.01	4.74	0.62	0.94	0.92	0.16	2.88	10.24	13.10	52.14	7.09	
12:00	2.50	3.05	3.59	5.41	7.95	0.78	1.05	0.91	0.18	6.22	12.46	18.68	37.69	7.24	
13:00	2.33	2.78	3.26	4.99	8.29	0.71	1.07	0.87	0.18	7.03	9.99	17.02	32.89	6.59	
14:00	1.70	2.57	3.32	8.61	16.69	0.73	0.91	1.03	0.17	4.96	7.29	12.25	39.16	6.89	
15:00	1.08	1.90	2.67	7.00	14.35	0.72	0.95	0.88	0.17	5.56	8.67	14.23	35.18	6.86	
16:00	2.27	3.23	4.17	8.88	19.15	0.91	1.01	0.92	0.19	6.43	8.47	14.90	32.09	6.92	
17:00	3.64	4.51	5.40	9.13	16.05	1.17	1.06	0.97	0.23	5.33	9.01	14.34	33.67	7.13	
18:00	4.88	5.70	6.65	9.49	14.30	1.61	1.30	0.93	0.43	7.70	12.77	20.47	32.66	7.11	
19:00	5.80	6.72	7.56	11.81	19.14	1.49	0.91	0.81	0.29	5.09	11.14	16.22	34.68	7.47	
20:00	8.02	8.82	9.59	12.94	17.13	2.12	1.51	0.86	0.32	3.83	10.54	14.36	34.75	7.27	
21:00	32.68	33.96	34.81	38.19	43.35	5.79	3.14	1.07	0.50	4.54	13.04	17.59	32.59	7.13	
22:00	11.56	12.54	13.37	16.68	20.86	1.35	1.21	0.83	0.43	5.86	19.31	25.19	25.25	7.52	
23:00	9.31	10.14	10.87	14.10	18.72	1.14	1.02	0.79	0.50	3.84	17.07	20.89	26.12	7.12	
24:00	4.67	5.31	5.92	7.27	8.83	0.83	0.74	0.73	0.24	0.87	5.75	6.26	35.57	7.12	
<b>Min</b>	<b>1.08</b>	<b>1.57</b>	<b>1.93</b>	<b>3.01</b>	<b>4.74</b>	<b>0.62</b>	<b>0.74</b>	<b>0.73</b>	<b>0.16</b>	<b>0.87</b>	<b>5.75</b>	<b>6.26</b>	<b>1.78</b>	<b>6.59</b>	
<b>Max</b>	<b>62.75</b>	<b>65.66</b>	<b>68.02</b>	<b>72.37</b>	<b>77.60</b>	<b>5.79</b>	<b>4.85</b>	<b>1.77</b>	<b>1.20</b>	<b>61.63</b>	<b>34.56</b>	<b>96.20</b>	<b>52.14</b>	<b>7.76</b>	
<b>Medie</b>	<b>15.43</b>	<b>16.64</b>	<b>17.76</b>	<b>21.01</b>	<b>26.01</b>	<b>2.38</b>	<b>2.39</b>	<b>1.15</b>	<b>0.42</b>	<b>9.07</b>	<b>15.12</b>	<b>24.15</b>	<b>24.37</b>	<b>7.25</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