

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
02 FEBRUARIE 2025**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE -Kogalniceanu, nr.114**

**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	115.86	120.57	122.49	126.01	130.12	6.44	3.58	1.05	1.47	n/a	33.37	66.64	27.69	6.22	0.004
2:00	87.61	91.70	94.14	98.39	104.96	7.69	4.54	1.10	1.32	n/a	31.02	52.16	25.98	6.17	
3:00	83.58	86.83	88.78	92.01	96.87	5.10	3.03	0.82	1.07	n/a	28.84	44.78	23.44	6.06	
4:00	63.34	65.88	67.39	69.73	72.31	5.47	3.31	0.86	0.98	n/a	26.58	35.80	22.74	5.95	
5:00	53.16	55.18	56.30	58.62	61.33	3.18	2.09	0.68	0.75	n/a	24.82	30.91	20.66	5.90	
6:00	46.02	48.14	49.38	50.78	52.18	3.26	2.05	0.66	0.66	n/a	23.16	27.88	19.66	5.82	
7:00	44.09	45.88	46.89	48.53	50.63	2.86	2.03	0.63	0.59	n/a	22.71	38.36	17.38	5.91	
8:00	44.64	46.33	47.31	48.40	50.16	4.12	2.20	0.67	0.63	n/a	27.66	48.16	17.76	5.91	
9:00	49.67	51.99	53.32	55.92	58.84	3.90	2.25	0.72	0.73	n/a	24.69	57.77	17.70	6.05	
10:00	49.01	51.31	52.66	56.90	61.93	3.40	1.85	0.60	0.68	n/a	18.47	33.07	21.58	5.91	
11:00	52.83	55.39	57.03	60.79	66.65	3.99	2.48	0.73	0.66	n/a	24.21	38.93	28.05	6.00	
12:00	52.43	55.05	56.81	60.72	67.18	2.94	1.85	0.60	0.53	n/a	17.72	24.61	48.82	6.05	
13:00	27.71	29.20	30.26	32.32	35.21	1.77	1.12	0.45	0.29	n/a	5.10	1.93	70.36	5.83	
14:00	19.94	21.33	22.26	24.52	27.38	1.33	0.86	0.36	0.23	n/a	3.85	-0.33	79.40	5.78	
15:00	16.86	18.09	18.99	20.24	22.19	1.18	0.81	0.37	0.21	n/a	2.44	-2.14	88.22	5.80	
16:00	17.91	19.15	20.12	21.68	24.47	1.29	0.81	0.39	0.22	n/a	2.20	-2.09	90.68	5.85	
17:00	20.50	21.89	22.96	24.76	27.71	1.60	0.97	0.44	0.24	n/a	4.86	1.11	90.06	5.87	
18:00	24.15	25.61	26.71	29.50	33.73	1.97	0.99	0.36	0.30	n/a	7.14	3.08	79.37	5.77	
19:00	22.94	24.62	25.89	28.35	32.38	1.62	0.98	0.42	0.32	n/a	10.91	6.20	72.08	5.70	
20:00	26.19	27.86	28.95	30.65	32.26	2.50	1.18	0.46	0.36	n/a	13.59	9.10	67.63	5.72	
21:00	28.51	30.06	31.11	33.30	35.65	1.95	1.10	0.44	0.41	n/a	14.18	9.27	66.73	5.70	
22:00	27.01	28.59	29.82	32.96	36.66	1.80	1.50	0.50	0.37	n/a	29.56	26.73	50.43	5.75	
23:00	33.34	35.02	36.22	38.81	42.56	3.38	1.62	0.54	0.54	n/a	28.10	28.96	40.01	5.91	
24:00	74.35	76.98	78.47	82.70	88.19	7.71	n/a	n/a	1.02	n/a	28.10	29.31	37.97	5.98	
<b>Min</b>	<b>16.86</b>	<b>18.09</b>	<b>18.99</b>	<b>20.24</b>	<b>22.19</b>	<b>1.18</b>	<b>0.81</b>	<b>0.36</b>	<b>0.21</b>	<b>0.00</b>	<b>2.20</b>	<b>-2.14</b>	<b>17.38</b>	<b>5.70</b>	
<b>Max</b>	<b>115.86</b>	<b>120.57</b>	<b>122.49</b>	<b>126.01</b>	<b>130.12</b>	<b>7.71</b>	<b>4.54</b>	<b>1.10</b>	<b>1.47</b>	<b>0.00</b>	<b>33.37</b>	<b>66.64</b>	<b>90.68</b>	<b>6.22</b>	
<b>Medie</b>	<b>45.07</b>	<b>47.19</b>	<b>48.51</b>	<b>51.11</b>	<b>54.65</b>	<b>3.35</b>	<b>1.88</b>	<b>0.60</b>	<b>0.61</b>	<b>#DIV/0!</b>	<b>18.89</b>	<b>25.43</b>	<b>46.85</b>	<b>5.90</b>	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	4

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

Indice zilnic general	4
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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 lipsa date