

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
30 IANUARIE 2023**



**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	12.41	13.01	13.38	14.20	15.39	1.33	0.78	0.41	0.64	1.64	9.01	7.53	68.14	9.41	0.005
2:00	11.08	11.51	11.78	12.04	12.53	1.10	0.69	0.39	0.40	0.79	6.50	5.06	71.31	9.32	
3:00	9.86	10.33	10.62	11.49	13.13	1.02	0.71	0.37	0.47	1.38	7.52	6.31	72.68	9.38	
4:00	9.49	9.90	10.14	10.83	11.75	0.97	0.66	0.37	0.41	0.92	6.19	4.98	75.28	9.30	
5:00	9.01	9.44	9.76	10.60	12.16	1.01	0.66	0.36	0.42	0.96	7.14	5.63	76.34	9.29	
6:00	8.07	8.38	8.53	9.15	9.85	0.88	0.56	0.35	0.45	1.57	7.72	6.63	78.65	9.32	
7:00	8.43	8.82	9.03	10.04	11.71	0.93	0.67	0.34	0.56	1.90	13.82	10.94	71.06	9.38	
8:00	9.69	10.23	10.57	12.21	14.27	1.22	0.76	0.35	0.56	3.64	25.55	20.37	59.72	9.48	
9:00	11.91	12.62	13.04	15.51	19.99	1.14	1.56	0.45	0.57	4.38	30.28	24.20	48.21	9.46	
10:00	13.84	14.75	15.38	18.23	22.60	2.13	8.66	0.78	0.60	4.93	29.32	24.11	49.67	9.46	
11:00	13.22	14.09	14.67	17.25	19.69	1.06	1.62	0.54	0.55	4.61	24.36	20.56	58.96	9.50	
12:00	14.27	17.90	21.54	36.58	58.04	1.27	5.29	0.93	0.50	4.88	22.04	19.31	57.88	9.48	
13:00	12.51	15.24	17.94	28.74	46.27	1.00	1.26	0.45	0.39	3.25	13.03	11.79	63.38	9.50	
14:00	12.45	13.29	13.84	17.63	26.35	1.00	1.39	0.45	0.32	3.15	10.30	9.90	67.97	9.50	
15:00	11.05	11.91	12.42	17.13	23.82	0.76	0.88	0.36	0.29	2.37	9.52	8.61	75.33	9.42	
16:00	11.76	12.59	13.22	17.03	24.91	0.75	0.78	0.36	0.30	2.53	9.72	8.89	77.20	9.45	
17:00	12.56	13.38	13.96	17.68	24.61	0.72	0.77	0.36	0.28	2.62	10.35	9.39	77.59	9.49	
18:00	12.66	13.45	14.00	17.45	22.87	0.75	0.74	0.49	0.30	3.13	15.00	12.94	74.02	9.46	
19:00	13.97	14.84	15.49	19.18	24.83	0.72	0.94	0.42	0.35	2.50	17.75	14.11	70.43	9.61	
20:00	16.36	17.09	17.71	19.42	21.73	1.08	0.86	0.41	0.46	2.39	17.81	14.05	66.57	9.59	
21:00	17.84	18.57	19.10	21.50	25.59	0.94	0.72	0.34	0.35	1.89	12.99	10.39	70.13	9.60	
22:00	18.13	18.78	19.27	20.84	23.01	0.98	0.70	0.34	0.34	1.38	12.30	9.43	72.46	9.59	
23:00	18.75	19.43	19.85	21.81	24.65	1.14	0.80	0.34	0.45	1.56	13.15	10.15	70.45	9.70	
24:00	16.17	16.67	16.97	18.05	19.86	0.96	0.64	0.32	0.44	1.19	9.58	7.47	75.63	9.55	
<b>Min</b>	<b>8.07</b>	<b>8.38</b>	<b>8.53</b>	<b>9.15</b>	<b>9.85</b>	<b>0.72</b>	<b>0.56</b>	<b>0.32</b>	<b>0.28</b>	<b>0.79</b>	<b>6.19</b>	<b>4.98</b>	<b>48.21</b>	<b>9.29</b>	
<b>Max</b>	<b>18.75</b>	<b>19.43</b>	<b>21.54</b>	<b>36.58</b>	<b>58.04</b>	<b>2.13</b>	<b>8.66</b>	<b>0.93</b>	<b>0.64</b>	<b>4.93</b>	<b>30.28</b>	<b>24.20</b>	<b>78.65</b>	<b>9.70</b>	
<b>Medie</b>	<b>12.73</b>	<b>13.59</b>	<b>14.26</b>	<b>17.27</b>	<b>22.07</b>	<b>1.04</b>	<b>1.38</b>	<b>0.43</b>	<b>0.43</b>	<b>2.48</b>	<b>14.21</b>	<b>11.78</b>	<b>68.71</b>	<b>9.47</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)	1

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