

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
07 FEBRUARIE 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	57.41	58.37	58.89	60.29	62.51	6.66	2.98	0.74	1.33	15.73	46.06	45.88	20.50	10.24	0.014
2:00	56.19	58.12	59.38	64.59	71.43	5.71	2.69	0.63	1.32	56.27	54.96	92.24	9.75	10.50	
3:00	54.40	56.29	57.33	60.12	63.79	6.43	3.11	0.62	1.33	59.99	51.49	93.70	10.02	10.42	
4:00	60.00	61.69	62.66	64.93	67.81	6.29	3.25	0.60	1.52	66.80	46.91	97.50	10.30	10.50	
5:00	40.10	41.31	42.12	44.49	47.12	4.01	2.23	0.47	1.43	46.68	47.18	77.55	9.41	10.14	
6:00	35.65	36.63	37.36	38.93	40.84	3.94	2.14	0.38	1.22	34.71	47.04	65.50	9.35	10.05	
7:00	36.12	37.13	37.80	39.89	42.81	4.09	2.08	0.41	1.33	38.09	46.75	68.69	9.16	10.11	
8:00	38.80	39.91	40.69	43.34	46.78	4.83	2.24	0.43	1.14	33.65	49.08	65.77	9.85	10.04	
9:00	50.07	51.82	53.19	58.91	66.21	7.62	n/a	n/a	1.26	67.12	48.12	98.61	9.96	10.45	
10:00	59.01	61.62	63.71	74.39	91.51	8.35	4.88	0.79	1.44	91.43	57.95	129.35	12.41	11.06	
11:00	54.55	57.43	59.74	71.25	91.20	6.00	8.82	1.33	0.93	55.56	53.11	90.31	20.53	10.70	
12:00	29.41	31.88	33.91	42.89	56.24	3.27	3.37	0.67	0.64	13.63	27.43	31.58	55.76	10.03	
13:00	22.49	23.77	24.85	29.89	37.92	1.96	2.57	0.54	0.40	6.99	19.20	19.56	69.39	9.93	
14:00	22.55	23.99	25.14	30.40	39.04	1.77	5.36	0.90	0.70	7.56	19.54	20.34	79.93	10.36	
15:00	30.22	32.08	33.75	40.21	49.97	2.47	2.09	0.50	0.74	7.57	23.08	22.68	86.84	10.38	
16:00	31.23	33.07	34.62	41.06	50.78	2.27	1.82	0.46	0.51	5.80	25.11	22.23	93.04	10.42	
17:00	30.59	32.28	33.65	39.67	47.66	2.15	1.96	0.50	0.52	4.04	27.26	21.89	93.55	10.38	
18:00	30.66	32.08	33.27	37.85	45.01	2.63	1.73	0.45	0.65	2.77	27.75	20.93	91.77	10.57	
19:00	39.68	41.33	42.56	48.02	56.65	3.59	1.99	0.49	0.64	3.36	46.38	33.70	64.84	10.51	
20:00	55.02	56.83	58.01	63.56	71.38	4.69	2.27	0.52	1.23	4.72	58.54	43.03	45.48	10.67	
21:00	92.21	94.82	96.42	102.49	111.07	6.02	2.89	0.64	2.13	9.05	65.17	51.71	30.84	10.74	
22:00	87.59	89.81	91.05	96.35	101.98	9.24	3.79	0.75	1.51	6.72	55.85	43.27	36.16	10.39	
23:00	58.86	60.60	61.71	66.23	72.33	7.31	2.93	0.60	1.07	5.14	53.31	40.03	39.52	10.23	
24:00	61.89	63.66	64.40	67.62	72.28	5.31	2.43	0.55	0.94	3.91	48.95	35.96	41.55	10.11	
<b>Min</b>	<b>22.49</b>	<b>23.77</b>	<b>24.85</b>	<b>29.89</b>	<b>37.92</b>	<b>1.77</b>	<b>1.73</b>	<b>0.38</b>	<b>0.40</b>	<b>2.77</b>	<b>19.20</b>	<b>19.56</b>	<b>9.16</b>	<b>9.93</b>	
<b>Max</b>	<b>92.21</b>	<b>94.82</b>	<b>96.42</b>	<b>102.49</b>	<b>111.07</b>	<b>9.24</b>	<b>8.82</b>	<b>1.33</b>	<b>2.13</b>	<b>91.43</b>	<b>65.17</b>	<b>129.35</b>	<b>93.55</b>	<b>11.06</b>	
<b>Medie</b>	<b>47.28</b>	<b>49.02</b>	<b>50.26</b>	<b>55.31</b>	<b>62.68</b>	<b>4.86</b>	<b>3.03</b>	<b>0.61</b>	<b>1.08</b>	<b>26.97</b>	<b>43.59</b>	<b>55.50</b>	<b>40.00</b>	<b>10.37</b>	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	2
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
-----------------------	---

\*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