

## RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES 29 MARTIE 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/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>
1:00	3.59	3.95	4.27	5.21	6.74	0.44	0.49	0.31	0.21	1.58	8.96	10.55	104.85	11.55	0.005
2:00	3.28	3.60	3.90	4.58	5.49	0.40	0.44	0.29	0.19	1.64	8.61	10.27	106.55	11.55	
3:00	4.04	4.33	4.57	5.12	5.88	0.44	0.72	0.26	0.20	1.31	5.07	6.44	107.53	11.52	
4:00	4.06	4.39	4.64	5.64	6.53	0.42	0.37	0.30	0.19	1.65	6.11	7.79	106.77	11.62	
5:00	4.16	4.46	4.75	5.26	5.76	0.55	0.39	0.27	0.19	1.77	8.09	9.86	101.83	11.54	
6:00	4.64	4.94	5.20	5.73	7.36	0.64	0.63	0.27	0.32	2.22	10.26	12.48	95.59	11.63	
7:00	5.30	5.75	6.13	7.69	10.79	0.87	0.80	0.28	0.54	4.09	16.14	20.24	88.85	11.60	
8:00	6.27	7.01	7.58	10.58	15.18	0.85	0.90	0.35	0.36	4.42	17.29	21.71	90.03	11.80	
9:00	7.49	8.35	8.96	13.45	22.86	0.96	1.41	0.42	0.36	4.78	15.50	20.28	88.36	11.75	
10:00	6.29	6.99	7.49	11.03	18.63	0.55	0.72	0.34	0.33	4.28	8.91	13.20	102.07	11.79	
11:00	5.41	6.11	6.70	9.54	15.15	0.67	0.57	0.31	0.38	3.73	7.82	11.54	108.68	11.85	
12:00	5.43	6.14	6.72	9.76	15.05	0.62	n/a	n/a	0.36	4.26	7.30	11.54	111.73	11.72	
13:00	5.21	6.28	7.03	13.15	25.33	0.50	1.99	0.59	0.34	3.96	6.51	10.47	116.86	11.65	
14:00	4.22	5.66	6.81	15.47	30.32	0.50	2.37	0.82	0.37	3.56	6.03	9.57	124.99	12.00	
15:00	3.74	4.87	5.83	12.10	25.49	0.45	1.75	0.56	0.33	3.51	6.24	9.73	127.99	12.17	
16:00	3.59	5.09	6.24	15.47	30.77	0.49	0.79	0.43	0.33	3.19	5.78	8.96	129.46	11.96	
17:00	3.54	4.50	5.35	10.46	20.37	0.40	0.84	0.41	0.30	3.09	6.06	9.12	128.99	11.89	
18:00	3.84	4.67	5.49	8.75	15.23	0.43	0.91	0.42	0.30	2.74	6.75	9.49	128.39	11.94	
19:00	4.44	5.15	5.72	8.71	14.50	0.50	0.74	0.38	0.35	2.23	6.83	9.07	125.81	11.73	
20:00	4.73	5.31	5.92	7.26	9.10	0.52	0.62	0.39	0.34	2.17	10.46	12.64	117.45	11.61	
21:00	5.02	6.17	7.12	12.56	19.45	0.81	0.79	0.50	0.50	2.70	15.35	18.02	110.68	11.69	
22:00	5.29	6.05	6.65	9.64	15.00	1.08	0.94	0.42	0.77	3.02	18.41	21.43	106.29	11.86	
23:00	6.52	7.23	7.81	10.04	14.02	0.69	0.79	0.35	0.81	3.05	22.39	25.43	99.77	11.90	
24:00	7.19	7.91	8.56	10.40	13.16	0.77	0.68	0.35	0.45	1.91	14.37	16.27	107.13	11.99	
<b>Min</b>	<b>3.28</b>	<b>3.60</b>	<b>3.90</b>	<b>4.58</b>	<b>5.49</b>	<b>0.40</b>	<b>0.37</b>	<b>0.26</b>	<b>0.19</b>	<b>1.31</b>	<b>5.07</b>	<b>6.44</b>	<b>88.36</b>	<b>11.52</b>	
<b>Max</b>	<b>7.49</b>	<b>8.35</b>	<b>8.96</b>	<b>15.47</b>	<b>30.77</b>	<b>1.08</b>	<b>2.37</b>	<b>0.82</b>	<b>0.81</b>	<b>4.78</b>	<b>22.39</b>	<b>25.43</b>	<b>129.46</b>	<b>12.17</b>	
<b>Medie</b>	<b>4.89</b>	<b>5.62</b>	<b>6.23</b>	<b>9.48</b>	<b>15.34</b>	<b>0.61</b>	<b>0.90</b>	<b>0.39</b>	<b>0.37</b>	<b>2.95</b>	<b>10.22</b>	<b>13.17</b>	<b>109.86</b>	<b>11.76</b>	

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

Particule in suspensie (PM2,5)	1
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	3
Particule in suspensie (PM10)	1

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