

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES 5 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	14.79	17.68	21.03	24.28	27.33	1.12	0.52	0.32	0.67	2.31	8.01	10.33	100.38	10.96	0.006
2:00	16.69	19.60	22.85	26.66	30.78	1.08	0.52	0.29	0.42	1.71	5.52	7.29	97.53	10.87	
3:00	17.51	20.52	23.98	27.52	31.28	1.34	0.63	0.37	0.37	1.85	4.92	6.81	94.70	10.93	
4:00	18.85	21.76	25.03	28.08	30.63	1.11	0.56	0.29	0.38	1.94	5.08	7.03	90.00	11.07	
5:00	20.75	23.25	25.78	28.70	31.80	1.37	n/a	n/a	0.57	2.61	6.03	8.65	92.31	11.18	
6:00	24.00	26.45	28.74	31.45	34.09	1.20	0.55	0.29	0.60	2.21	8.12	10.33	96.31	11.67	
7:00	23.89	26.23	28.44	30.97	33.51	1.17	0.74	0.30	0.66	3.32	14.20	17.53	80.12	11.27	
8:00	27.18	29.77	32.18	35.37	39.41	1.64	0.88	0.30	0.83	4.20	21.18	25.37	59.44	11.16	
9:00	27.99	30.55	32.61	36.76	41.96	1.58	0.93	0.31	0.46	3.54	16.72	20.25	71.36	11.32	
10:00	28.64	30.82	32.51	35.62	40.02	1.75	0.81	0.35	0.67	3.93	10.53	14.45	78.78	11.16	
11:00	27.54	29.42	30.87	33.50	36.79	1.20	0.69	0.36	0.59	4.47	10.12	14.61	81.05	11.12	
12:00	23.36	24.87	25.97	28.64	31.59	1.12	0.60	0.25	0.53	4.19	8.20	12.40	87.09	10.90	
13:00	19.67	20.89	21.67	24.39	28.16	0.88	0.50	0.30	0.41	4.11	6.60	10.71	95.56	10.89	
14:00	19.76	20.92	21.60	23.77	26.81	0.82	0.49	0.25	0.36	3.56	5.77	9.28	97.86	10.82	
15:00	19.67	20.95	21.78	24.27	28.66	0.78	0.49	0.27	0.32	2.86	5.47	8.31	102.14	10.81	
16:00	20.11	21.39	22.13	25.73	32.73	0.91	0.47	0.34	0.36	2.62	5.27	7.90	103.86	10.81	
17:00	21.83	23.11	23.95	27.20	33.09	0.90	0.48	0.33	0.42	3.02	6.64	9.62	99.89	10.89	
18:00	19.77	20.81	21.52	23.21	25.12	1.08	0.50	0.29	0.54	3.36	8.35	11.69	96.62	10.83	
19:00	19.28	20.32	21.08	22.42	24.38	0.90	0.53	0.26	0.53	3.12	9.73	12.83	100.05	10.76	
20:00	20.96	22.06	22.86	24.58	26.90	1.20	0.61	0.28	0.49	3.33	11.82	15.14	97.95	10.83	
21:00	20.10	21.25	22.05	24.01	26.81	1.27	0.60	0.29	0.66	3.36	13.30	16.64	91.76	10.98	
22:00	17.99	19.04	19.73	21.58	23.65	1.01	0.52	0.26	0.52	2.92	13.70	16.61	88.68	11.05	
23:00	15.21	15.99	16.44	17.44	18.51	0.85	0.44	0.24	0.41	2.54	9.03	11.57	93.42	10.94	
24:00	16.85	17.77	18.33	19.66	21.77	1.04	0.52	0.24	0.51	2.93	14.05	16.97	83.82	11.09	
<b>Min</b>	<b>14.79</b>	<b>15.99</b>	<b>16.44</b>	<b>17.44</b>	<b>18.51</b>	<b>0.78</b>	<b>0.44</b>	<b>0.24</b>	<b>0.32</b>	<b>1.71</b>	<b>4.92</b>	<b>6.81</b>	<b>59.44</b>	<b>10.76</b>	
<b>Max</b>	<b>28.64</b>	<b>30.82</b>	<b>32.61</b>	<b>36.76</b>	<b>41.96</b>	<b>1.75</b>	<b>0.93</b>	<b>0.37</b>	<b>0.83</b>	<b>4.47</b>	<b>21.18</b>	<b>25.37</b>	<b>103.86</b>	<b>11.67</b>	
<b>Medie</b>	<b>20.93</b>	<b>22.73</b>	<b>24.30</b>	<b>26.91</b>	<b>30.24</b>	<b>1.14</b>	<b>0.59</b>	<b>0.30</b>	<b>0.51</b>	<b>3.08</b>	<b>9.52</b>	<b>12.60</b>	<b>90.86</b>	<b>11.01</b>	

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

Particule in suspensie (PM2,5)	3
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	3
Particule in suspensie (PM10)	2

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