

## RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES 17 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	17.22	17.70	18.04	18.79	20.49	1.64	1.09	0.44	0.38	2.49	22.98	25.45	62.51	11.25	0.007
2:00	10.45	10.85	11.19	11.96	13.18	1.37	0.92	0.43	0.44	2.87	22.69	25.56	58.59	11.21	
3:00	12.59	12.95	13.25	13.53	13.77	2.07	0.89	0.44	1.04	3.28	14.48	17.74	64.00	11.26	
4:00	18.17	18.74	19.18	19.67	20.46	1.82	1.08	0.46	1.77	7.35	41.55	48.90	26.50	11.33	
5:00	18.22	18.78	19.14	19.94	21.03	1.32	0.98	0.47	0.47	4.92	36.52	41.44	30.00	11.24	
6:00	14.53	15.06	15.47	16.49	18.08	1.25	0.77	0.42	0.48	3.97	31.73	35.67	40.99	11.37	
7:00	9.80	10.41	10.87	11.54	12.52	1.02	n/a	n/a	0.57	3.02	12.56	15.57	75.59	11.59	
8:00	8.22	9.04	9.74	11.25	14.00	1.11	0.70	0.33	0.77	3.57	15.95	19.50	75.03	11.60	
9:00	8.64	9.70	10.62	12.28	14.95	1.81	1.25	0.44	0.49	4.97	20.78	25.75	71.05	11.64	
10:00	11.30	12.65	13.66	17.79	25.32	2.06	1.31	0.49	0.83	7.24	17.68	24.92	72.31	11.70	
11:00	6.18	7.00	7.60	9.65	13.93	0.66	0.53	0.29	0.23	4.08	7.70	11.78	86.31	11.53	
12:00	5.74	6.47	7.05	8.36	11.63	0.60	0.41	0.23	0.20	2.22	3.73	5.95	98.96	11.29	
13:00	4.92	5.54	6.00	7.29	8.89	0.53	0.39	0.32	0.19	1.94	3.61	5.56	105.74	11.25	
14:00	5.37	6.00	6.38	8.83	12.65	0.54	0.37	0.33	0.19	2.05	4.04	6.10	106.64	11.24	
15:00	4.73	5.23	5.62	6.68	8.68	0.48	0.30	0.26	0.19	2.22	4.12	6.33	109.91	11.20	
16:00	4.45	4.92	5.26	6.21	7.24	0.55	0.33	0.26	0.19	1.93	3.86	5.80	118.80	11.14	
17:00	3.85	4.25	4.51	5.68	7.51	0.45	0.33	0.29	0.18	2.25	4.90	7.15	126.78	11.20	
18:00	4.15	4.72	5.11	6.99	9.66	0.77	0.37	0.29	0.32	2.08	5.14	7.22	126.87	11.15	
19:00	6.05	6.80	7.34	10.19	15.04	1.07	0.82	0.59	0.66	2.21	7.35	9.57	124.45	11.86	
20:00	14.30	16.12	17.57	23.64	32.37	3.61	1.47	0.47	1.08	3.53	27.82	31.34	91.59	11.65	
21:00	38.93	42.45	45.14	52.53	63.53	6.02	3.66	0.68	1.40	7.30	58.02	65.32	42.90	11.75	
22:00	52.74	55.71	58.06	67.13	79.17	6.05	3.98	0.86	1.03	8.24	53.93	62.16	35.36	11.76	
23:00	66.82	69.98	72.38	80.10	90.04	10.32	5.51	1.14	1.67	56.58	61.98	118.58	21.70	12.58	
24:00	97.31	101.67	104.78	112.64	123.69	8.09	4.23	1.02	1.87	38.42	61.60	100.02	14.32	12.54	
<b>Min</b>	<b>3.85</b>	<b>4.25</b>	<b>4.51</b>	<b>5.68</b>	<b>7.24</b>	<b>0.45</b>	<b>0.30</b>	<b>0.23</b>	<b>0.18</b>	<b>1.93</b>	<b>3.61</b>	<b>5.56</b>	<b>14.32</b>	<b>11.14</b>	
<b>Max</b>	<b>97.31</b>	<b>101.67</b>	<b>104.78</b>	<b>112.64</b>	<b>123.69</b>	<b>10.32</b>	<b>5.51</b>	<b>1.14</b>	<b>1.87</b>	<b>56.58</b>	<b>61.98</b>	<b>118.58</b>	<b>126.87</b>	<b>12.58</b>	
<b>Medie</b>	<b>18.53</b>	<b>19.70</b>	<b>20.58</b>	<b>23.30</b>	<b>27.41</b>	<b>2.30</b>	<b>1.38</b>	<b>0.47</b>	<b>0.69</b>	<b>7.45</b>	<b>22.70</b>	<b>30.14</b>	<b>74.45</b>	<b>11.51</b>	

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

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	2
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