

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
7 APRILIE 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	7.38	7.56	7.74	7.84	7.91	0.71	0.37	0.26	0.53	1.97	8.84	10.82	102.97	11.88	0.006
2:00	8.79	9.18	9.58	10.21	11.46	1.33	0.49	0.28	0.66	2.63	14.70	17.33	96.24	11.85	
3:00	9.04	9.50	9.93	10.96	12.45	1.14	0.52	0.32	0.72	3.09	15.85	18.95	94.34	11.92	
4:00	9.16	9.52	9.78	10.60	11.75	0.96	0.50	0.26	0.72	2.68	14.45	17.13	96.26	11.88	
5:00	7.50	7.95	8.32	9.80	12.01	0.89	0.44	0.29	0.67	2.49	18.28	20.76	92.29	11.92	
6:00	7.88	8.22	8.50	9.36	10.88	0.86	0.44	0.28	0.67	2.06	15.92	17.98	96.18	11.89	
7:00	9.29	9.61	9.85	10.61	12.04	2.09	0.78	0.38	1.12	3.47	23.60	27.06	86.49	12.06	
8:00	14.96	15.46	15.84	16.74	17.79	2.05	1.12	0.40	1.06	4.98	33.71	38.69	71.05	12.04	
9:00	23.57	24.29	24.70	25.75	26.96	2.67	1.55	0.47	0.57	5.68	33.99	39.67	70.72	12.00	
10:00	22.76	23.65	24.25	25.54	27.28	2.67	1.91	0.58	0.50	7.31	29.96	37.29	78.12	12.02	
11:00	17.24	18.12	18.84	20.70	23.25	1.52	1.79	0.56	0.56	6.91	23.76	30.68	90.65	11.94	
12:00	16.35	17.39	18.38	20.20	22.26	0.97	0.98	0.45	0.38	8.33	23.81	32.14	96.00	11.96	
13:00	13.60	14.30	14.90	16.22	17.80	0.84	0.76	0.38	0.25	5.10	13.72	18.83	106.31	12.00	
14:00	12.47	12.96	13.34	14.68	16.29	0.81	0.61	0.40	0.24	3.49	11.10	14.58	108.80	12.03	
15:00	12.83	13.23	13.53	14.41	15.47	0.87	0.71	0.39	0.25	3.76	10.81	14.58	111.33	12.03	
16:00	10.19	10.44	10.63	11.05	11.41	0.69	0.47	0.38	0.24	2.24	8.57	10.80	116.29	12.01	
17:00	11.81	12.11	12.33	12.92	13.98	0.90	0.61	0.40	0.26	2.32	11.30	13.60	115.16	11.99	
18:00	11.76	12.27	12.63	13.33	13.95	1.09	0.55	0.38	0.25	1.89	11.44	13.34	114.43	11.94	
19:00	14.45	15.35	15.89	17.01	18.26	1.02	0.58	0.35	0.27	2.12	10.54	12.66	110.04	11.90	
20:00	11.04	11.40	11.66	12.25	13.38	0.99	0.68	0.39	0.29	1.96	11.00	12.97	103.36	11.72	
21:00	15.70	16.18	16.49	17.57	19.91	2.02	1.15	0.49	0.39	1.92	17.51	19.42	99.31	11.98	
22:00	21.26	21.79	22.14	23.14	24.23	1.69	0.98	0.44	0.42	1.75	19.69	21.43	98.64	12.08	
23:00	18.81	19.28	19.50	20.19	20.87	1.49	0.84	0.42	0.38	1.70	18.11	19.81	99.14	11.88	
24:00	16.61	17.07	17.32	17.93	18.48	0.96	0.63	0.35	0.34	2.37	19.13	21.51	85.85	11.85	
<b>Min</b>	<b>7.38</b>	<b>7.56</b>	<b>7.74</b>	<b>7.84</b>	<b>7.91</b>	<b>0.69</b>	<b>0.37</b>	<b>0.26</b>	<b>0.24</b>	<b>1.70</b>	<b>8.57</b>	<b>10.80</b>	<b>70.72</b>	<b>11.72</b>	
<b>Max</b>	<b>23.57</b>	<b>24.29</b>	<b>24.70</b>	<b>25.75</b>	<b>27.28</b>	<b>2.67</b>	<b>1.91</b>	<b>0.58</b>	<b>1.12</b>	<b>8.33</b>	<b>33.99</b>	<b>39.67</b>	<b>116.29</b>	<b>12.08</b>	
<b>Medie</b>	<b>13.52</b>	<b>14.04</b>	<b>14.42</b>	<b>15.38</b>	<b>16.67</b>	<b>1.30</b>	<b>0.81</b>	<b>0.39</b>	<b>0.49</b>	<b>3.43</b>	<b>17.49</b>	<b>20.92</b>	<b>97.50</b>	<b>11.95</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)	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