

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
23 IANUARIE 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	33.61	34.59	35.23	36.18	37.47	3.04	2.94	0.74	0.97	14.07	30.10	51.61	8.07	n/a	0.008
2:00	35.64	36.63	37.33	38.29	39.30	3.16	2.66	0.71	1.01	15.14	30.85	53.98	8.55	n/a	
3:00	37.58	38.70	39.41	40.65	42.58	3.19	2.62	0.75	0.76	10.27	30.03	45.72	8.20	n/a	
4:00	34.76	35.96	36.63	38.03	39.35	7.92	4.28	0.95	0.97	8.98	25.44	39.16	10.35	n/a	
5:00	25.92	26.76	27.33	28.11	28.77	2.53	1.95	0.68	0.71	5.44	23.70	32.01	11.77	n/a	
6:00	23.29	24.14	24.70	25.73	27.10	2.17	1.98	0.69	0.71	11.75	26.59	44.52	7.70	n/a	
7:00	21.76	22.68	23.48	24.57	26.11	2.30	1.76	0.64	0.70	8.40	24.94	37.78	12.35	n/a	
8:00	22.03	22.96	23.71	24.88	26.19	3.82	2.06	0.69	0.66	14.70	30.57	53.03	9.78	n/a	
9:00	28.75	30.30	31.46	34.57	41.69	3.41	3.02	0.87	0.78	33.87	34.58	86.32	6.82	n/a	
10:00	30.26	31.80	33.06	35.69	40.15	3.40	2.57	0.83	0.81	31.03	32.95	80.34	8.15	n/a	
11:00	26.36	27.44	28.18	30.05	32.12	2.86	2.04	0.73	0.78	15.80	26.41	50.55	18.10	n/a	
12:00	19.30	20.29	21.11	22.85	25.22	2.11	1.52	0.65	0.80	10.65	20.50	36.76	32.19	n/a	
13:00	14.29	15.59	16.89	19.04	21.90	1.18	1.40	0.58	0.63	4.80	13.14	20.44	49.29	n/a	
14:00	10.55	11.77	12.94	15.51	19.50	1.01	1.06	0.59	0.42	2.29	9.19	12.68	64.76	n/a	
15:00	7.26	8.49	9.66	12.94	17.34	0.96	0.85	0.64	0.38	1.13	6.26	8.01	79.51	n/a	
16:00	5.29	6.34	7.32	9.75	12.83	0.61	0.63	0.50	0.37	0.90	6.11	7.52	83.45	n/a	
17:00	9.56	11.12	12.65	15.59	20.52	1.09	1.02	0.60	0.40	1.24	12.42	14.33	73.96	n/a	
18:00	6.05	7.18	8.30	10.64	14.12	0.93	0.80	0.60	0.38	0.36	8.72	9.29	80.58	n/a	
19:00	14.14	15.69	17.09	20.13	24.38	3.83	1.88	0.74	0.51	1.11	22.58	24.29	61.99	n/a	
20:00	10.22	11.20	12.16	14.47	17.22	1.54	1.19	0.65	0.52	1.14	18.42	20.20	66.79	n/a	
21:00	26.51	27.88	28.94	32.83	38.37	3.95	1.79	0.75	1.10	3.40	28.58	33.78	47.88	n/a	
22:00	29.83	31.83	33.49	38.47	44.79	4.95	n/a	n/a	0.95	3.19	38.38	43.24	35.99	n/a	
23:00	39.31	41.53	43.39	49.15	56.71	4.66	3.76	1.05	0.92	11.41	45.75	63.17	15.34	n/a	
24:00	49.98	52.62	54.87	61.09	68.99	5.16	4.07	1.15	1.04	16.86	43.40	69.16	10.06	n/a	
<b>Min</b>	<b>5.29</b>	<b>6.34</b>	<b>7.32</b>	<b>9.75</b>	<b>12.83</b>	<b>0.61</b>	<b>0.63</b>	<b>0.50</b>	<b>0.37</b>	<b>0.36</b>	<b>6.11</b>	<b>7.52</b>	<b>6.82</b>	<b>0.00</b>	
<b>Max</b>	<b>49.98</b>	<b>52.62</b>	<b>54.87</b>	<b>61.09</b>	<b>68.99</b>	<b>7.92</b>	<b>4.28</b>	<b>1.15</b>	<b>1.10</b>	<b>33.87</b>	<b>45.75</b>	<b>86.32</b>	<b>83.45</b>	<b>0.00</b>	
<b>Medie</b>	<b>23.43</b>	<b>24.73</b>	<b>25.81</b>	<b>28.30</b>	<b>31.78</b>	<b>2.91</b>	<b>2.08</b>	<b>0.73</b>	<b>0.72</b>	<b>9.50</b>	<b>24.57</b>	<b>39.08</b>	<b>33.82</b>	<b>#DIV/0!</b>	

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

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

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	3
-----------------------	---

\*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

\*n/a lipsa date analizor SO2