

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
28 FEBRUARIE 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	15.04	15.48	15.77	16.58	17.57	1.72	1.09	0.52	0.46	1.90	13.12	15.02	51.12	10.72	0.008
2:00	8.65	8.85	9.00	9.50	9.92	1.19	0.75	0.49	0.28	0.58	8.60	9.20	65.33	10.72	
3:00	10.54	10.80	10.97	11.56	12.00	1.16	0.75	0.45	0.29	0.49	8.88	9.39	63.64	10.65	
4:00	10.42	10.65	10.83	11.13	11.41	1.16	0.73	0.44	0.29	0.28	9.70	9.97	63.80	10.63	
5:00	10.44	10.73	10.99	11.35	11.61	1.15	0.73	0.43	0.29	0.42	10.38	10.81	61.09	10.63	
6:00	9.77	10.06	10.21	11.36	12.68	1.15	0.71	0.45	0.39	1.36	13.07	14.46	59.84	10.61	
7:00	11.07	11.37	11.61	12.23	12.99	1.42	0.80	0.44	0.50	0.74	12.54	13.31	57.98	10.71	
8:00	13.95	14.43	14.80	16.24	17.90	2.03	0.93	0.47	0.80	2.32	14.97	17.29	52.73	10.74	
9:00	15.22	15.81	16.26	18.39	21.37	2.25	1.19	0.54	1.17	4.16	16.08	20.24	49.12	10.67	
10:00	18.07	19.31	20.30	24.90	30.72	2.83	1.45	0.57	1.04	8.32	28.54	36.85	34.29	10.79	
11:00	25.01	26.28	27.37	30.55	35.19	4.21	2.69	0.75	1.13	8.73	23.35	32.08	37.42	10.80	
12:00	17.31	17.93	18.34	19.38	20.95	2.38	1.29	0.55	1.38	6.23	13.03	19.25	48.76	10.85	
13:00	17.99	18.64	19.05	20.17	21.40	1.91	1.48	0.52	0.68	4.37	10.07	14.45	50.70	10.70	
14:00	17.56	18.44	19.04	21.54	25.05	1.99	1.28	0.55	0.40	6.75	17.64	24.41	41.02	10.69	
15:00	18.59	19.68	20.57	23.40	28.32	2.10	1.62	0.59	0.39	6.15	14.50	20.64	43.61	10.74	
16:00	18.99	20.25	21.37	25.05	28.95	1.93	1.21	0.56	0.41	6.61	17.73	24.33	40.83	10.74	
17:00	20.79	22.09	23.16	26.95	31.21	2.23	1.43	0.60	0.45	7.89	24.08	31.98	34.89	10.79	
18:00	22.41	23.57	24.49	26.81	29.82	2.36	1.56	0.66	0.74	13.14	32.48	45.60	27.99	10.84	
19:00	24.20	25.15	25.88	27.82	30.50	2.76	1.67	0.64	1.02	7.61	27.31	34.93	32.67	10.81	
20:00	33.61	34.70	35.54	37.85	40.60	5.36	2.36	0.78	1.34	11.48	41.82	53.31	17.51	10.88	
21:00	44.37	45.61	46.47	48.34	51.75	6.51	2.78	0.77	2.01	19.14	47.05	66.20	12.53	11.20	
22:00	43.61	44.95	45.75	47.68	50.14	6.36	2.44	0.76	1.88	13.89	38.54	52.43	16.79	11.03	
23:00	29.25	30.33	31.16	33.88	37.35	3.80	2.09	0.72	1.01	5.85	30.86	36.71	24.40	10.81	
24:00	24.54	25.26	25.81	27.06	29.48	4.16	1.87	0.69	0.93	3.04	28.56	31.59	30.87	10.82	
<b>Min</b>	<b>8.65</b>	<b>8.85</b>	<b>9.00</b>	<b>9.50</b>	<b>9.92</b>	<b>1.15</b>	<b>0.71</b>	<b>0.43</b>	<b>0.28</b>	<b>0.28</b>	<b>8.60</b>	<b>9.20</b>	<b>12.53</b>	<b>10.61</b>	
<b>Max</b>	<b>44.37</b>	<b>45.61</b>	<b>46.47</b>	<b>48.34</b>	<b>51.75</b>	<b>6.51</b>	<b>2.78</b>	<b>0.78</b>	<b>2.01</b>	<b>19.14</b>	<b>47.05</b>	<b>66.20</b>	<b>65.33</b>	<b>11.20</b>	
<b>Medie</b>	<b>20.06</b>	<b>20.85</b>	<b>21.45</b>	<b>23.32</b>	<b>25.79</b>	<b>2.67</b>	<b>1.45</b>	<b>0.58</b>	<b>0.80</b>	<b>5.89</b>	<b>20.95</b>	<b>26.85</b>	<b>42.46</b>	<b>10.77</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)	1
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