

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
15 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/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	8.30	9.14	9.96	11.71	13.96	0.76	0.74	0.70	0.23	1.56	8.61	10.22	97.86	12.81	0.007
2:00	14.56	15.60	16.43	19.06	23.56	1.07	0.92	0.75	0.30	2.24	19.80	22.04	64.60	12.87	
3:00	10.19	10.94	11.65	13.32	16.10	0.94	0.94	0.77	0.26	2.05	14.13	16.20	71.78	12.67	
4:00	12.39	13.32	14.25	16.01	17.94	0.82	1.07	0.74	0.30	1.90	17.54	19.47	65.67	12.65	
5:00	16.42	17.50	18.61	19.84	21.43	1.27	1.09	0.72	0.31	1.90	14.46	16.37	63.57	12.52	
6:00	14.44	15.52	16.52	18.61	20.85	1.29	1.08	0.69	0.30	2.50	18.25	20.76	57.75	12.44	
7:00	14.57	15.66	16.76	18.53	22.32	1.20	1.17	0.68	0.30	4.26	26.71	30.96	35.60	12.46	
8:00	15.44	16.92	18.34	22.82	30.82	1.30	1.20	0.68	0.35	14.23	33.76	47.98	27.60	12.58	
9:00	8.22	9.09	9.88	12.04	15.35	0.76	0.86	0.64	0.24	3.40	8.44	11.82	84.53	12.44	
10:00	4.18	4.96	5.64	7.53	10.08	0.53	0.00	0.00	0.21	3.58	9.38	12.95	105.72	12.66	
11:00	2.47	3.21	3.91	5.70	8.17	0.38	0.45	0.58	0.19	2.52	4.74	7.25	124.10	12.97	
12:00	2.54	3.34	4.13	5.81	7.92	0.38	0.46	0.60	0.18	2.24	5.50	7.78	133.32	14.51	
13:00	2.45	3.29	4.10	6.35	9.28	0.36	0.37	0.63	0.18	1.92	3.53	5.49	139.48	14.17	
14:00	2.89	3.80	4.64	6.94	10.06	0.37	0.43	0.68	0.19	2.37	5.62	8.01	140.12	14.20	
15:00	3.21	4.12	4.94	7.37	10.72	0.37	0.40	0.70	0.19	2.06	6.99	9.05	143.47	14.29	
16:00	2.80	3.65	4.45	6.47	10.96	0.33	0.42	0.73	0.18	1.81	4.44	6.26	141.50	13.48	
17:00	2.25	3.01	3.64	6.84	12.21	0.33	0.41	0.76	0.18	1.93	3.76	5.67	138.72	12.98	
18:00	1.77	2.24	2.62	4.44	7.77	0.33	0.58	0.79	0.19	2.02	4.86	6.87	138.99	12.60	
19:00	1.74	2.23	2.68	3.89	5.36	0.43	0.58	0.79	0.18	1.63	4.62	6.27	137.61	12.49	
20:00	2.01	2.53	2.98	4.41	6.84	0.38	0.86	0.81	0.19	1.69	9.40	11.10	126.85	12.42	
21:00	4.67	5.79	6.79	11.50	19.08	0.53	1.05	0.91	0.28	3.04	27.66	30.69	90.76	12.78	
22:00	31.60	33.91	35.59	42.42	52.05	5.51	2.86	1.44	0.71	4.09	37.11	41.21	70.85	13.12	
23:00	40.57	42.95	44.51	49.62	58.43	2.75	2.29	1.05	0.79	4.68	40.14	44.81	55.48	13.05	
24:00	43.87	46.76	48.68	55.65	64.84	3.92	3.20	1.20	0.82	5.58	41.12	46.70	36.78	12.81	
<b>Min</b>	<b>1.74</b>	<b>2.23</b>	<b>2.62</b>	<b>3.89</b>	<b>5.36</b>	<b>0.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.18</b>	<b>1.56</b>	<b>3.53</b>	<b>5.49</b>	<b>27.60</b>	<b>12.42</b>	
<b>Max</b>	<b>43.87</b>	<b>46.76</b>	<b>48.68</b>	<b>55.65</b>	<b>64.84</b>	<b>5.51</b>	<b>3.20</b>	<b>1.44</b>	<b>0.82</b>	<b>14.23</b>	<b>41.12</b>	<b>47.98</b>	<b>143.47</b>	<b>14.51</b>	
<b>Medie</b>	<b>10.98</b>	<b>12.06</b>	<b>12.99</b>	<b>15.70</b>	<b>19.84</b>	<b>1.10</b>	<b>0.98</b>	<b>0.75</b>	<b>0.30</b>	<b>3.13</b>	<b>15.44</b>	<b>18.58</b>	<b>95.53</b>	<b>13.00</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)	4
Particule in suspensie (PM10)	1

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

Indice zilnic general	4
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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