

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
27 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/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	32.16	33.70	34.52	37.60	41.19	3.29	1.73	0.37	0.96	6.87	35.29	29.97	34.07	9.75	0.007
2:00	46.95	48.46	49.21	53.13	58.24	4.19	2.03	0.42	1.22	10.99	45.16	40.54	18.14	10.51	
3:00	27.75	28.82	29.60	31.66	34.28	1.67	1.27	0.30	1.27	4.48	29.15	23.55	36.49	9.87	
4:00	25.83	26.83	27.57	30.13	34.14	1.68	1.01	0.27	1.10	2.99	19.09	15.48	45.65	9.68	
5:00	17.42	18.18	18.77	20.58	23.07	1.15	0.75	0.24	0.50	1.07	11.76	8.78	56.74	9.38	
6:00	13.13	13.73	14.20	15.51	16.99	1.15	0.77	0.27	0.47	1.50	15.24	11.48	52.71	9.40	
7:00	17.13	17.85	18.51	19.74	21.51	1.39	0.85	0.32	0.52	3.70	26.89	21.30	32.53	9.45	
8:00	21.67	22.52	23.17	24.35	25.51	1.88	1.00	0.34	1.02	4.26	23.51	19.65	30.49	9.35	
9:00	20.83	21.67	22.22	23.58	25.60	1.97	1.46	0.39	0.77	4.06	22.22	18.61	37.21	9.30	
10:00	12.29	12.95	13.46	14.62	16.50	1.30	0.75	0.31	0.39	2.68	19.91	15.71	45.18	9.31	
11:00	14.10	14.75	15.23	16.73	18.48	1.12	1.48	0.36	0.39	2.49	15.54	12.65	57.24	9.43	
12:00	10.78	11.46	11.94	13.24	14.70	1.23	n/a	n/a	0.28	2.04	13.22	10.69	65.51	9.56	
13:00	5.98	6.27	6.47	6.97	7.41	1.04	0.58	0.28	0.23	1.32	9.42	7.48	84.56	9.37	
14:00	6.88	7.16	7.34	7.75	8.18	0.96	0.59	0.26	0.24	1.06	8.73	6.79	80.76	9.34	
15:00	13.69	14.01	14.20	14.80	15.31	2.46	1.27	0.38	0.35	2.41	14.42	11.85	67.22	9.38	
16:00	11.71	12.09	12.43	12.69	12.87	1.34	0.79	0.35	0.28	1.52	12.98	10.01	75.98	9.41	
17:00	13.63	14.36	14.98	16.02	17.03	1.54	0.84	0.36	0.30	0.84	13.03	9.38	81.80	9.56	
18:00	18.18	19.15	19.89	21.39	23.94	1.49	0.87	0.37	0.34	1.41	17.14	12.64	70.88	9.62	
19:00	20.23	21.09	21.70	23.28	25.14	1.69	1.11	0.43	0.37	1.02	17.64	12.58	63.18	9.35	
20:00	26.87	27.57	28.04	28.85	29.74	3.72	1.60	0.48	0.69	2.09	26.38	19.36	54.72	9.43	
21:00	18.32	19.19	19.85	21.64	23.40	1.79	1.19	0.42	0.57	5.78	44.68	35.03	37.47	9.37	
22:00	18.55	19.21	19.69	20.71	21.64	2.57	1.34	0.44	0.43	1.34	25.56	18.07	52.94	9.35	
23:00	12.39	12.93	13.34	15.16	17.84	1.60	0.98	0.40	0.35	1.70	21.43	15.74	59.10	9.36	
24:00	9.13	9.76	10.19	12.17	14.95	1.32	0.86	0.40	0.33	1.35	23.96	17.04	54.65	9.32	
<b>Min</b>	<b>5.98</b>	<b>6.27</b>	<b>6.47</b>	<b>6.97</b>	<b>7.41</b>	<b>0.96</b>	<b>0.58</b>	<b>0.24</b>	<b>0.23</b>	<b>0.84</b>	<b>8.73</b>	<b>6.79</b>	<b>18.14</b>	<b>9.30</b>	
<b>Max</b>	<b>46.95</b>	<b>48.46</b>	<b>49.21</b>	<b>53.13</b>	<b>58.24</b>	<b>4.19</b>	<b>2.03</b>	<b>0.48</b>	<b>1.27</b>	<b>10.99</b>	<b>45.16</b>	<b>40.54</b>	<b>84.56</b>	<b>10.51</b>	
<b>Medie</b>	<b>18.15</b>	<b>18.90</b>	<b>19.44</b>	<b>20.93</b>	<b>22.82</b>	<b>1.81</b>	<b>1.09</b>	<b>0.35</b>	<b>0.56</b>	<b>2.87</b>	<b>21.35</b>	<b>16.85</b>	<b>53.97</b>	<b>9.49</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)	2
Particule in suspensie (PM10)	2

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

Indice zilnic general	2
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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