

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

05 MARTIE 2024

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	97.83	104.06	108.95	121.94	136.97	8.85	5.28	1.45	1.41	137.76	55.24	192.98	7.31	10.93	0.007
2:00	88.06	94.00	99.01	112.24	129.82	8.38	5.48	1.45	1.55	112.76	48.34	161.12	7.29	10.71	
3:00	71.55	76.64	80.90	91.62	102.60	5.64	4.81	1.39	1.25	52.74	43.37	96.09	7.02	9.93	
4:00	34.86	37.57	39.86	44.28	50.13	2.89	2.76	1.11	0.64	15.99	40.60	56.54	9.02	9.61	
5:00	27.98	30.40	32.83	35.34	38.62	2.53	2.27	0.95	0.52	27.24	42.43	69.67	6.57	9.57	
6:00	31.38	33.96	36.37	39.66	43.81	2.78	2.62	0.95	0.59	35.92	36.67	72.59	6.68	9.52	
7:00	24.65	27.01	29.22	32.86	37.21	2.21	2.27	0.85	0.50	42.06	39.63	81.66	6.37	9.45	
8:00	24.47	27.06	29.50	34.96	41.49	2.13	2.08	0.78	0.46	56.70	39.79	96.46	6.38	9.53	
9:00	27.13	30.49	33.54	42.70	54.66	2.22	2.27	0.74	0.49	77.90	39.99	117.89	7.29	9.80	
10:00	35.75	39.55	43.04	52.60	67.08	2.94	2.33	0.82	0.54	75.44	40.24	115.69	10.57	10.09	
11:00	47.19	54.55	60.99	90.60	140.89	3.43	3.52	0.95	0.57	75.05	52.69	127.73	15.01	10.58	
12:00	37.85	43.17	47.98	66.71	95.68	2.42	n/a	3.92	0.45	27.60	40.35	67.93	32.70	10.46	
13:00	35.22	41.54	47.16	73.26	118.17	2.14	2.89	1.10	0.38	22.26	36.07	58.31	40.07	10.50	
14:00	27.36	30.47	33.10	42.14	58.66	1.58	1.75	0.85	0.32	2.98	13.19	16.15	61.24	10.36	
15:00	19.90	22.75	25.58	32.00	42.72	1.25	n/a	2.48	0.28	1.29	9.29	10.57	72.27	10.35	
16:00	12.41	14.78	17.14	22.26	30.53	0.98	n/a	2.65	0.25	0.42	6.36	6.78	78.60	10.30	
17:00	10.63	12.68	14.79	19.05	26.00	1.15	n/a	1.05	0.25	0.28	6.46	6.73	80.92	10.52	
18:00	9.86	11.97	14.07	19.20	27.63	0.86	1.02	1.05	0.25	0.68	12.69	13.37	77.85	11.26	
19:00	17.25	22.67	27.82	49.66	82.32	0.95	1.77	1.18	0.32	4.55	54.90	59.42	41.47	10.63	
20:00	35.21	42.78	49.40	76.73	114.83	2.71	3.11	1.73	0.57	11.75	77.13	88.85	18.95	10.90	
21:00	50.54	57.24	63.55	87.59	121.84	6.25	3.48	1.62	1.00	9.42	62.17	71.55	18.78	11.20	
22:00	49.50	54.16	57.98	70.03	85.48	3.07	2.76	1.39	0.77	7.98	39.04	47.00	32.51	10.69	
23:00	56.61	62.42	66.84	86.34	113.54	3.14	2.93	1.31	0.72	7.88	68.81	76.64	17.33	12.32	
24:00	33.86	36.78	39.34	44.28	52.13	2.86	n/a	n/a	0.51	2.31	44.47	46.76	32.33	11.40	
<b>Min</b>	<b>9.86</b>	<b>11.97</b>	<b>14.07</b>	<b>19.05</b>	<b>26.00</b>	<b>0.86</b>	<b>1.02</b>	<b>0.74</b>	<b>0.25</b>	<b>0.28</b>	<b>6.36</b>	<b>6.73</b>	<b>6.37</b>	<b>9.45</b>	
<b>Max</b>	<b>97.83</b>	<b>104.06</b>	<b>108.95</b>	<b>121.94</b>	<b>140.89</b>	<b>8.85</b>	<b>5.48</b>	<b>3.92</b>	<b>1.55</b>	<b>137.76</b>	<b>77.13</b>	<b>192.98</b>	<b>80.92</b>	<b>12.32</b>	
<b>Medie</b>	<b>37.79</b>	<b>42.03</b>	<b>45.79</b>	<b>57.84</b>	<b>75.53</b>	<b>3.06</b>	<b>2.92</b>	<b>1.38</b>	<b>0.61</b>	<b>33.71</b>	<b>39.58</b>	<b>73.27</b>	<b>28.94</b>	<b>10.44</b>	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	4

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