

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
23 DECEMBRIE 2022**



**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	140.87	146.05	148.42	151.61	155.75	14.84	8.60	2.13	2.27	70.72	41.84	149.90	11.99	10.80	*N/A
2:00	124.39	128.40	130.54	133.69	137.25	12.75	6.85	1.99	2.02	43.12	37.85	103.75	11.84	10.88	
3:00	115.06	118.83	120.78	123.62	126.52	11.75	6.57	1.87	2.33	37.92	33.66	91.62	11.46	10.71	
4:00	124.91	128.98	131.17	134.96	140.24	12.32	7.45	2.13	2.19	60.60	30.79	123.42	11.33	10.61	
5:00	73.85	76.56	78.33	80.88	83.97	6.07	4.44	1.77	1.15	70.98	29.74	138.21	10.09	10.73	
6:00	67.38	69.85	71.52	73.40	75.63	7.09	5.13	1.64	1.35	68.67	27.51	132.44	9.91	10.58	
7:00	74.84	77.73	79.60	82.45	86.33	6.70	4.84	1.67	1.11	85.10	30.65	160.69	9.88	10.41	
8:00	90.20	93.57	95.53	98.41	101.69	7.48	5.46	1.80	1.48	59.53	30.93	121.91	9.91	9.65	
9:00	92.40	95.65	97.51	100.34	104.66	7.25	5.09	1.75	1.26	46.45	29.37	100.33	9.85	9.45	
10:00	120.05	125.18	127.82	133.08	139.92	20.44	9.07	2.43	2.03	72.91	30.13	141.53	10.69	9.89	
11:00	137.00	143.41	146.67	154.09	166.15	13.61	8.02	2.66	2.16	134.60	40.19	245.87	10.49	10.69	
12:00	138.58	144.70	148.22	153.86	162.21	12.97	n/a	n/a	1.83	123.78	47.62	236.76	10.31	10.53	
13:00	150.40	157.72	161.72	168.07	176.81	12.90	8.75	3.42	1.63	99.71	53.78	206.14	10.28	10.70	
14:00	125.72	131.95	135.70	142.57	153.21	10.04	7.05	2.81	1.52	70.41	54.96	162.55	11.34	10.70	
15:00	140.12	146.70	150.69	157.75	166.82	10.33	8.58	3.74	1.60	66.68	62.66	164.55	10.95	10.89	
16:00	104.17	109.98	112.88	118.52	126.48	7.48	5.48	2.32	1.02	37.47	45.61	102.87	11.45	10.85	
17:00	77.23	80.90	83.43	88.12	96.83	6.63	3.69	1.67	0.94	19.91	43.50	73.93	12.82	12.01	
18:00	73.91	77.46	79.85	85.32	94.01	5.41	4.88	1.87	0.88	36.51	47.70	103.48	9.57	11.94	
19:00	99.51	103.54	105.99	109.77	114.55	7.93	5.39	1.97	1.59	61.97	48.94	143.64	10.17	11.37	
20:00	159.55	165.35	168.68	177.78	189.16	16.09	14.20	3.88	2.57	125.57	49.31	241.19	11.44	11.07	
21:00	189.94	196.02	199.23	205.84	214.70	20.58	14.44	3.92	2.89	153.98	42.11	277.38	11.58	10.95	
22:00	207.88	214.16	217.41	223.31	230.46	22.22	16.09	4.34	3.56	180.65	39.05	315.08	12.32	11.21	
23:00	314.19	323.42	327.45	332.56	338.00	34.05	21.03	5.31	4.87	206.15	34.91	349.91	13.36	11.43	
24:00	336.32	346.06	350.38	356.92	364.32	40.08	22.19	5.80	5.52	174.52	32.07	298.72	12.98	11.16	
<b>Min</b>	<b>67.38</b>	<b>69.85</b>	<b>71.52</b>	<b>73.40</b>	<b>75.63</b>	<b>5.41</b>	<b>3.69</b>	<b>1.64</b>	<b>0.88</b>	<b>19.91</b>	<b>27.51</b>	<b>73.93</b>	<b>9.57</b>	<b>9.45</b>	
<b>Max</b>	<b>336.32</b>	<b>346.06</b>	<b>350.38</b>	<b>356.92</b>	<b>364.32</b>	<b>40.08</b>	<b>22.19</b>	<b>5.80</b>	<b>5.52</b>	<b>206.15</b>	<b>62.66</b>	<b>349.91</b>	<b>13.36</b>	<b>12.01</b>	
<b>Medie</b>	<b>136.60</b>	<b>141.76</b>	<b>144.56</b>	<b>149.45</b>	<b>156.07</b>	<b>13.63</b>	<b>8.84</b>	<b>2.74</b>	<b>2.07</b>	<b>87.83</b>	<b>40.20</b>	<b>174.41</b>	<b>11.08</b>	<b>10.80</b>	

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

Particule in suspensie (PM2,5)	6
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	5

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

Indice zilnic general	6
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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

\*N/A Analizorul de formaldehida este trimis la producator pentru calibrarea anuala