

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
24 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	177.78	183.57	186.29	189.68	193.32	13.93	9.32	2.52	2.24	106.73	31.54	194.63	9.78	10.27	*N/A
2:00	141.33	146.04	148.38	150.60	154.49	15.59	10.28	2.46	2.46	103.58	27.54	185.82	10.16	10.21	
3:00	140.25	144.60	146.68	149.12	153.20	14.12	8.27	2.13	2.27	104.42	23.32	182.85	9.80	10.09	
4:00	138.39	142.71	144.70	146.33	147.92	13.64	8.99	2.20	2.04	79.91	21.99	144.08	10.22	9.68	
5:00	88.72	92.03	93.32	94.31	95.68	7.91	5.30	1.30	2.25	62.85	20.02	116.05	9.81	9.50	
6:00	78.73	81.24	82.41	84.07	86.04	7.85	5.55	1.31	1.48	51.80	20.99	100.14	9.77	9.33	
7:00	63.43	65.36	66.23	67.44	69.46	5.81	4.41	1.10	1.43	38.88	21.29	80.69	9.60	9.11	
8:00	60.08	61.94	62.88	64.16	66.08	6.01	4.46	1.12	1.19	56.56	19.95	106.38	9.65	9.32	
9:00	64.84	66.85	67.90	70.10	74.32	7.91	4.91	1.22	1.71	54.05	22.42	105.01	9.94	9.58	
10:00	51.34	52.96	54.02	56.66	60.32	9.44	5.12	1.29	1.01	35.07	23.19	76.79	11.61	9.38	
11:00	16.44	17.18	17.73	18.60	20.39	3.18	2.48	0.82	0.56	4.86	11.82	19.24	23.05	10.53	
12:00	17.54	18.48	19.23	20.24	21.24	2.49	2.42	0.83	0.51	5.70	16.95	25.67	25.24	11.75	
13:00	18.25	19.14	19.77	20.40	20.88	2.42	2.10	0.81	0.58	4.69	14.72	21.88	30.42	12.34	
14:00	8.00	8.54	8.93	10.62	14.38	1.53	1.46	0.69	0.44	2.40	7.91	11.57	50.94	12.81	
15:00	11.18	11.69	12.07	12.56	13.65	1.62	1.53	0.70	0.40	2.17	8.30	11.65	52.12	12.72	
16:00	13.42	14.02	14.46	14.99	16.28	1.61	1.47	0.69	0.42	2.66	9.55	13.58	50.64	12.46	
17:00	14.84	15.53	16.06	16.42	16.68	1.53	n/a	n/a	0.39	2.10	9.19	12.41	53.65	12.43	
18:00	14.58	15.31	15.86	16.27	16.73	1.64	1.44	0.70	0.38	1.84	10.34	13.15	54.86	12.33	
19:00	14.91	15.75	16.39	17.18	18.04	1.57	1.38	0.68	0.37	1.90	9.73	12.61	53.92	12.57	
20:00	15.34	16.22	16.91	17.62	18.23	1.64	1.35	0.69	0.36	1.63	8.99	11.48	55.59	11.55	
21:00	13.34	14.18	14.81	15.32	15.76	1.44	1.28	0.68	0.35	1.47	7.35	9.66	58.63	10.96	
22:00	14.47	15.38	16.02	16.61	17.07	1.56	1.32	0.68	0.33	1.30	7.62	9.68	57.31	10.64	
23:00	15.66	16.59	17.27	17.86	18.63	1.44	1.33	0.69	0.38	1.42	7.86	10.09	54.75	10.41	
24:00	14.91	15.83	16.50	17.00	17.40	1.37	1.24	0.67	0.35	1.18	6.74	8.58	56.24	10.24	
<b>Min</b>	<b>8.00</b>	<b>8.54</b>	<b>8.93</b>	<b>10.62</b>	<b>13.65</b>	<b>1.37</b>	<b>1.24</b>	<b>0.67</b>	<b>0.33</b>	<b>1.18</b>	<b>6.74</b>	<b>8.58</b>	<b>9.60</b>	<b>9.11</b>	
<b>Max</b>	<b>177.78</b>	<b>183.57</b>	<b>186.29</b>	<b>189.68</b>	<b>193.32</b>	<b>15.59</b>	<b>10.28</b>	<b>2.52</b>	<b>2.46</b>	<b>106.73</b>	<b>31.54</b>	<b>194.63</b>	<b>58.63</b>	<b>12.81</b>	
<b>Medie</b>	<b>50.32</b>	<b>52.13</b>	<b>53.12</b>	<b>54.34</b>	<b>56.09</b>	<b>5.30</b>	<b>3.80</b>	<b>1.13</b>	<b>1.00</b>	<b>30.38</b>	<b>15.39</b>	<b>61.82</b>	<b>32.40</b>	<b>10.84</b>	

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

Particule in suspensie (PM2,5)	5
Dioxid de azot (NO2)	1
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	5
-----------------------	---

\*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