

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
05 SEPTEMBRIE 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	3.54	4.68	6.26	9.85	13.44	0.19	0.97	6.20	0.18	0.69	8.17	9.21	53.96	7.07	0.004
2:00	3.63	4.90	6.50	10.12	13.27	0.16	0.74	5.84	0.17	0.81	8.51	9.74	47.17	7.13	
3:00	4.66	5.99	7.58	12.06	17.49	0.20	0.92	6.25	0.17	0.68	10.34	11.36	43.55	7.11	
4:00	4.61	5.70	7.11	10.33	13.12	0.20	1.02	6.97	0.17	0.95	15.98	17.42	39.34	7.21	
5:00	5.36	6.55	8.00	11.96	16.81	0.29	0.93	6.80	0.17	1.87	16.30	19.14	34.99	7.10	
6:00	4.70	5.89	7.54	10.98	14.74	0.19	0.89	6.36	0.18	6.31	29.04	38.69	15.34	7.12	
7:00	4.78	6.30	8.36	13.22	20.03	0.28	1.75	6.83	0.19	5.25	28.99	37.02	17.92	7.24	
8:00	4.98	7.11	9.64	18.17	30.37	0.29	1.66	6.73	0.21	13.60	28.86	49.62	17.46	7.24	
9:00	5.95	7.99	10.48	18.30	30.10	0.24	7.92	8.04	0.19	5.82	16.55	25.42	38.53	7.29	
10:00	6.05	10.58	15.70	35.51	64.33	0.24	5.10	8.30	0.18	3.25	9.43	14.34	56.76	7.24	
11:00	5.08	6.36	7.75	13.33	22.76	0.23	1.12	7.54	0.18	2.45	8.35	12.05	72.65	7.12	
12:00	5.97	8.25	10.60	21.92	41.61	0.20	1.65	7.88	0.17	1.90	5.39	8.28	83.64	7.17	
13:00	5.39	7.33	9.41	18.68	35.96	0.18	0.92	7.33	0.17	1.52	5.51	7.81	93.02	7.24	
14:00	4.68	5.47	6.42	9.00	13.88	0.17	0.89	7.30	0.16	1.04	3.78	5.35	100.92	7.19	
15:00	4.20	4.98	5.76	9.24	14.22	0.17	0.76	7.16	0.16	0.87	4.68	6.00	107.33	7.11	
16:00	4.90	5.79	6.74	9.90	15.33	0.18	0.87	7.25	0.18	1.06	10.33	11.95	105.33	7.22	
17:00	5.33	6.68	7.93	15.03	26.42	0.28	0.82	7.02	0.21	1.51	15.00	17.30	100.60	7.24	
18:00	4.98	5.97	7.02	10.56	15.73	0.14	0.70	6.71	0.21	1.38	17.41	19.49	87.12	7.21	
19:00	5.43	6.84	8.24	14.04	20.87	0.27	1.23	7.53	0.18	1.84	22.35	25.12	81.23	7.50	
20:00	8.67	10.15	11.58	16.79	23.48	0.51	1.34	6.94	0.23	1.20	20.36	22.19	79.51	7.80	
21:00	12.12	14.21	16.09	24.04	35.07	0.46	1.61	7.26	0.27	1.64	37.39	39.87	49.74	7.55	
22:00	29.66	32.35	34.78	40.79	48.44	0.62	1.55	7.70	0.23	1.43	31.32	33.47	49.23	7.56	
23:00	8.42	9.93	11.79	15.83	21.73	0.31	1.21	7.15	0.20	1.39	16.44	18.56	45.60	7.36	
24:00	7.97	9.57	11.63	15.77	19.86	0.36	1.26	7.07	0.22	1.19	12.86	14.68	44.35	7.25	
<b>Min</b>	<b>3.54</b>	<b>4.68</b>	<b>5.76</b>	<b>9.00</b>	<b>13.12</b>	<b>0.14</b>	<b>0.70</b>	<b>5.84</b>	<b>0.16</b>	<b>0.68</b>	<b>3.78</b>	<b>5.35</b>	<b>15.34</b>	<b>7.07</b>	
<b>Max</b>	<b>29.66</b>	<b>32.35</b>	<b>34.78</b>	<b>40.79</b>	<b>64.33</b>	<b>0.62</b>	<b>7.92</b>	<b>8.30</b>	<b>0.27</b>	<b>13.60</b>	<b>37.39</b>	<b>49.62</b>	<b>107.33</b>	<b>7.80</b>	
<b>Medie</b>	<b>6.71</b>	<b>8.32</b>	<b>10.12</b>	<b>16.06</b>	<b>24.55</b>	<b>0.27</b>	<b>1.58</b>	<b>7.09</b>	<b>0.19</b>	<b>2.49</b>	<b>15.97</b>	<b>19.75</b>	<b>61.05</b>	<b>7.26</b>	

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

Particule in suspensie (PM2,5)	1
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	3
Particule in suspensie (PM10)	1

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

Indice zilnic general	3
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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