

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
07 SEPTEMBRIE 2021**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE - Kogalniceanu, nr. 114 A**

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	9.23	10.58	12.15	16.00	21.00	0.58	2.56	3.45	0.32	3.33	19.37	24.47	28.85	10.64	0.003
2:00	10.09	11.87	13.54	20.92	30.67	0.56	2.96	3.11	0.32	9.58	41.17	55.81	8.11	11.02	
3:00	10.88	13.02	15.18	19.95	25.27	0.64	3.73	3.46	0.33	28.35	41.06	84.37	1.37	10.95	
4:00	13.24	15.05	16.73	21.72	28.35	0.80	2.81	3.05	0.33	5.01	31.26	38.91	8.05	10.84	
5:00	10.68	12.18	13.66	17.72	22.23	0.58	1.96	2.82	0.32	31.59	32.41	80.68	-0.29	11.37	
6:00	9.72	10.96	12.34	15.44	18.44	0.46	1.61	2.69	0.31	27.38	31.54	73.36	-0.40	11.38	
7:00	10.04	11.70	13.46	18.26	23.88	0.49	1.83	2.59	0.31	46.60	28.01	99.21	-0.37	11.52	
8:00	20.89	23.71	26.44	35.40	48.18	1.20	3.23	2.88	0.39	40.70	31.51	93.70	1.05	11.45	
9:00	14.09	16.44	18.76	27.90	42.67	2.05	8.40	3.71	0.44	51.10	34.89	112.98	3.29	11.70	
10:00	24.82	30.71	35.88	66.64	122.79	0.73	2.62	2.60	0.40	36.02	41.22	96.26	7.33	11.98	
11:00	20.70	32.65	43.45	110.67	232.32	0.51	4.50	2.89	0.36	22.06	40.32	74.03	22.01	11.68	
12:00	7.27	9.72	11.75	26.31	55.58	0.26	0.22	2.35	0.30	3.86	11.23	17.13	50.18	10.84	
13:00	5.81	7.53	8.87	19.40	37.86	0.08	0.31	2.24	0.29	4.06	11.91	18.12	60.39	10.87	
14:00	5.34	7.06	8.61	18.51	34.17	n/a	1.06	2.28	0.29	3.62	10.65	16.18	70.20	10.81	
15:00	5.09	6.84	8.29	18.95	36.07	0.12	n/a	n/a	0.28	3.59	10.86	16.35	74.87	10.62	
16:00	5.01	5.81	6.51	10.34	15.52	n/a	0.71	2.17	0.27	3.23	9.61	14.54	78.17	10.45	
17:00	5.18	6.03	6.77	10.93	18.38	0.12	0.42	2.37	0.28	3.28	10.53	15.55	77.23	10.46	
18:00	5.80	6.66	7.59	10.35	14.52	0.15	0.65	2.51	0.29	3.25	9.98	14.95	75.08	10.54	
19:00	6.60	7.82	9.03	14.33	22.50	0.07	0.63	2.84	0.30	3.14	11.97	16.77	73.06	10.54	
20:00	11.36	14.23	16.69	30.26	50.83	0.81	2.08	3.15	0.39	3.61	24.91	30.42	53.62	10.71	
21:00	15.01	19.35	23.17	43.12	73.47	1.46	3.34	3.58	0.46	4.91	43.08	50.58	30.98	11.05	
22:00	12.70	17.35	21.50	46.16	88.81	0.39	3.46	3.14	0.38	5.01	60.31	67.96	20.80	11.97	
23:00	19.70	24.76	29.48	50.87	80.16	1.24	4.98	3.52	0.43	8.17	51.64	64.12	8.95	10.62	
24:00	19.86	23.85	27.72	42.03	61.13	0.65	2.76	3.44	0.43	5.41	40.33	48.61	14.22	10.55	
<b>Min</b>	<b>5.01</b>	<b>5.81</b>	<b>6.51</b>	<b>10.34</b>	<b>14.52</b>	<b>0.07</b>	<b>0.22</b>	<b>2.17</b>	<b>0.27</b>	<b>3.14</b>	<b>9.61</b>	<b>14.54</b>	<b>-0.40</b>	<b>10.45</b>	
<b>Max</b>	<b>24.82</b>	<b>32.65</b>	<b>43.45</b>	<b>110.67</b>	<b>232.32</b>	<b>2.05</b>	<b>8.40</b>	<b>3.71</b>	<b>0.46</b>	<b>51.10</b>	<b>60.31</b>	<b>112.98</b>	<b>78.17</b>	<b>11.98</b>	
<b>Medie</b>	<b>11.63</b>	<b>14.41</b>	<b>16.98</b>	<b>29.67</b>	<b>50.20</b>	<b>0.63</b>	<b>2.47</b>	<b>2.91</b>	<b>0.34</b>	<b>14.87</b>	<b>28.32</b>	<b>51.04</b>	<b>31.95</b>	<b>11.02</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