

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
31 AUGUST 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	6.34	7.61	9.21	12.82	16.51	0.30	1.23	2.46	0.33	3.28	15.50	20.52	19.98	10.49	0.002
2:00	5.51	6.64	8.18	10.82	14.14	0.41	1.32	2.87	0.32	3.64	14.14	19.71	19.34	10.46	
3:00	6.78	8.02	9.47	12.28	15.20	0.40	1.50	2.54	0.34	30.24	32.13	78.33	1.40	10.98	
4:00	5.97	7.10	8.42	11.29	14.65	0.41	2.16	2.87	0.32	32.15	28.94	78.07	2.36	10.94	
5:00	6.06	7.13	8.48	11.31	14.13	0.61	2.21	2.76	0.31	18.70	28.84	57.42	2.78	11.07	
6:00	6.03	7.05	8.29	11.76	16.68	0.33	1.48	2.64	0.31	6.76	29.58	39.90	4.03	11.19	
7:00	7.49	9.07	11.10	16.34	22.00	0.39	1.97	2.71	0.39	16.70	28.02	53.55	2.38	11.15	
8:00	7.79	10.10	12.75	21.27	32.04	0.79	2.29	2.81	0.42	59.63	29.21	120.32	2.10	11.80	
9:00	8.32	11.00	13.93	24.36	39.07	0.84	n/a	n/a	0.52	56.52	34.54	120.91	4.66	11.71	
10:00	7.01	9.40	11.82	22.99	42.77	0.23	1.34	2.83	0.32	22.35	22.39	56.55	21.02	10.95	
11:00	4.32	5.41	6.53	11.57	21.86	0.25	0.72	2.62	0.30	4.26	10.42	16.92	39.85	10.24	
12:00	3.71	4.84	5.80	12.95	25.75	0.20	1.70	2.47	0.29	3.53	9.26	14.66	51.61	10.08	
13:00	3.97	7.71	10.65	36.70	83.53	0.14	1.26	2.47	0.29	3.98	11.35	17.43	53.86	10.14	
14:00	3.27	8.07	11.43	49.56	114.04	n/a	2.45	3.32	0.29	3.59	10.07	15.56	61.08	10.30	
15:00	3.01	5.97	8.37	29.10	63.94	n/a	1.39	2.73	0.29	4.01	11.62	17.76	57.43	10.53	
16:00	3.23	5.95	8.10	27.60	61.53	n/a	0.84	2.36	0.29	3.58	12.03	17.48	49.57	10.10	
17:00	3.24	3.87	4.55	6.91	10.55	n/a	0.73	2.30	0.30	3.74	11.42	17.13	49.25	10.16	
18:00	3.39	4.14	4.91	8.48	14.23	0.20	0.48	2.31	0.30	3.72	9.83	15.53	53.38	10.31	
19:00	3.70	4.42	5.11	8.54	14.55	n/a	0.58	2.28	0.30	3.60	10.92	16.42	53.22	10.28	
20:00	3.13	4.01	4.85	9.25	16.83	n/a	0.85	2.30	0.31	3.40	15.50	20.69	49.19	10.52	
21:00	4.23	5.22	6.21	10.69	16.44	0.71	2.91	2.63	0.32	3.71	21.83	27.50	37.08	10.33	
22:00	4.79	5.83	6.99	10.59	15.65	0.33	1.19	2.43	0.36	4.09	28.42	34.67	31.95	10.53	
23:00	8.16	9.50	10.75	15.29	21.32	0.20	1.10	2.53	0.35	4.69	29.73	36.90	25.23	10.41	
24:00	2.62	3.27	3.93	5.40	7.51	0.29	0.60	2.65	0.29	3.11	10.89	15.63	54.04	10.33	
<b>Min</b>	<b>2.62</b>	<b>3.27</b>	<b>3.93</b>	<b>5.40</b>	<b>7.51</b>	<b>0.14</b>	<b>0.48</b>	<b>2.28</b>	<b>0.29</b>	<b>3.11</b>	<b>9.26</b>	<b>14.66</b>	<b>1.40</b>	<b>10.08</b>	
<b>Max</b>	<b>8.32</b>	<b>11.00</b>	<b>13.93</b>	<b>49.56</b>	<b>114.04</b>	<b>0.84</b>	<b>2.91</b>	<b>3.32</b>	<b>0.52</b>	<b>59.63</b>	<b>34.54</b>	<b>120.91</b>	<b>61.08</b>	<b>11.80</b>	
<b>Medie</b>	<b>5.09</b>	<b>6.72</b>	<b>8.33</b>	<b>16.58</b>	<b>29.79</b>	<b>0.39</b>	<b>1.40</b>	<b>2.61</b>	<b>0.33</b>	<b>12.62</b>	<b>19.44</b>	<b>38.73</b>	<b>31.12</b>	<b>10.63</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)	2
Particule in suspensie (PM10)	1

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