

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
24 IULIE 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	10.26	12.57	14.85	23.96	36.82	0.48	2.52	10.64	0.29	5.78	53.16	61.99	12.41	9.41	0.004
2:00	10.48	12.68	15.05	23.39	33.84	0.44	2.24	11.28	0.26	4.31	37.76	44.34	17.53	9.30	
3:00	11.00	12.67	14.23	20.31	27.57	0.43	1.86	11.04	0.26	4.64	41.96	49.06	10.22	9.35	
4:00	10.96	12.47	13.91	18.72	24.86	0.46	2.39	11.37	0.25	7.27	38.78	49.88	7.81	9.34	
5:00	10.59	12.19	13.75	19.51	28.51	0.39	2.24	11.66	0.24	8.18	36.27	48.76	7.12	9.46	
6:00	11.35	12.92	14.41	19.66	27.02	0.45	2.09	10.69	0.25	10.02	32.76	48.08	5.61	9.50	
7:00	11.57	13.68	15.72	23.21	33.73	0.58	2.67	12.12	0.26	14.64	32.26	54.63	5.71	9.69	
8:00	11.70	13.54	15.31	21.76	30.89	0.54	1.69	10.57	0.27	11.89	28.26	46.43	13.33	9.48	
9:00	12.66	14.82	16.85	26.35	42.47	0.51	4.51	12.39	0.29	11.90	25.18	43.35	23.64	9.57	
10:00	19.45	22.92	26.01	40.89	66.35	0.44	2.42	12.71	0.29	14.28	36.35	58.17	30.20	11.54	
11:00	14.37	16.76	18.90	29.65	46.86	0.46	1.65	12.49	0.26	6.18	20.08	29.53	49.28	10.99	
12:00	11.68	13.59	15.33	23.40	36.17	0.36	2.03	11.41	0.25	4.37	13.97	20.65	63.85	10.05	
13:00	10.91	12.71	14.26	22.59	35.86	0.37	1.71	11.91	0.24	3.74	11.54	17.25	73.95	9.80	
14:00	9.02	10.33	11.51	16.96	27.05	0.48	7.56	10.98	0.24	3.46	9.56	14.84	78.75	9.54	
15:00	9.42	10.59	11.58	16.82	25.88	0.35	2.53	12.62	0.25	3.24	8.76	13.71	82.91	10.36	
16:00	8.18	9.42	10.62	15.30	21.63	0.31	1.37	11.43	0.24	3.22	8.82	13.73	79.34	9.25	
17:00	8.11	9.32	10.49	15.33	22.92	0.28	1.17	12.22	0.25	3.19	8.29	13.17	80.01	9.25	
18:00	8.17	9.56	10.87	17.34	28.49	0.28	1.51	10.70	0.25	3.19	9.69	14.57	79.14	9.28	
19:00	9.55	11.30	12.86	20.77	36.11	0.51	2.04	11.52	0.26	3.43	11.00	16.25	77.07	9.46	
20:00	9.11	10.82	12.47	19.82	31.42	0.54	3.71	12.67	0.27	3.69	13.33	18.97	72.64	9.35	
21:00	10.12	11.94	13.68	21.70	32.62	0.70	2.25	10.59	0.31	3.72	22.81	28.49	63.96	9.61	
22:00	11.94	14.78	17.48	30.68	50.80	0.67	2.22	12.64	0.35	3.74	25.49	31.20	44.77	9.71	
23:00	15.74	18.75	21.45	34.14	53.12	1.10	4.73	10.54	0.40	4.29	39.82	46.37	28.74	9.70	
24:00	14.28	17.10	19.91	30.67	47.34	1.07	3.16	10.14	0.35	5.01	49.43	57.09	14.52	9.55	
<b>Min</b>	<b>8.11</b>	<b>9.32</b>	<b>10.49</b>	<b>15.30</b>	<b>21.63</b>	<b>0.28</b>	<b>1.17</b>	<b>10.14</b>	<b>0.24</b>	<b>3.19</b>	<b>8.29</b>	<b>13.17</b>	<b>5.61</b>	<b>9.25</b>	
<b>Max</b>	<b>19.45</b>	<b>22.92</b>	<b>26.01</b>	<b>40.89</b>	<b>66.35</b>	<b>1.10</b>	<b>7.56</b>	<b>12.71</b>	<b>0.40</b>	<b>14.64</b>	<b>53.16</b>	<b>61.99</b>	<b>82.91</b>	<b>11.54</b>	
<b>Medie</b>	<b>11.28</b>	<b>13.23</b>	<b>15.06</b>	<b>23.04</b>	<b>35.35</b>	<b>0.51</b>	<b>2.59</b>	<b>11.51</b>	<b>0.27</b>	<b>6.14</b>	<b>25.64</b>	<b>35.02</b>	<b>42.60</b>	<b>9.69</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