

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
21 MAI 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	6.58	7.25	7.95	8.58	9.55	n/a	n/a	n/a	0.59	1.52	4.94	7.25	55.64	14.97	0.001
2:00	7.02	7.61	8.34	9.41	10.63	n/a	n/a	n/a	0.59	1.52	3.62	5.95	55.86	14.91	
3:00	6.65	7.40	8.35	10.34	11.87	n/a	n/a	n/a	0.58	1.67	3.64	6.21	49.14	15.07	
4:00	7.65	8.51	9.62	11.46	12.93	n/a	n/a	n/a	0.58	1.57	12.11	14.49	38.55	15.37	
5:00	8.36	9.38	10.56	13.64	16.08	n/a	n/a	n/a	0.58	1.76	8.27	10.94	46.45	15.39	
6:00	6.95	7.89	9.02	12.17	15.06	n/a	n/a	n/a	0.59	1.69	7.28	9.86	48.17	15.15	
7:00	5.94	6.67	7.56	9.53	11.68	n/a	n/a	n/a	0.59	2.10	10.51	13.71	52.72	15.13	
8:00	6.18	6.92	7.89	9.53	11.08	n/a	n/a	n/a	0.59	2.65	11.51	15.56	42.78	15.32	
9:00	7.42	8.78	10.39	14.80	19.72	n/a	n/a	n/a	0.59	2.47	8.59	12.36	42.39	15.55	
10:00	8.60	9.66	10.89	13.31	15.64	n/a	n/a	n/a	0.58	2.56	7.23	11.14	43.51	16.09	
11:00	7.94	9.00	10.15	13.09	15.98	n/a	n/a	n/a	0.63	2.49	4.49	8.29	47.07	15.91	
12:00	6.18	8.55	11.13	20.43	32.32	n/a	n/a	n/a	0.67	2.58	4.69	8.62	58.76	14.95	
13:00	4.84	5.90	7.08	10.98	16.08	n/a	n/a	n/a	0.68	2.20	3.52	6.88	64.64	14.59	
14:00	4.48	5.26	6.17	9.00	13.53	n/a	n/a	n/a	0.68	2.06	4.59	7.74	67.44	14.77	
15:00	15.93	17.37	18.87	22.25	26.77	n/a	n/a	n/a	0.68	2.72	10.37	14.53	55.95	15.18	
16:00	7.05	8.11	9.34	12.05	14.77	n/a	n/a	n/a	0.67	3.70	9.89	15.53	57.69	14.82	
17:00	3.25	3.86	4.56	6.44	8.77	n/a	n/a	n/a	0.64	2.37	4.42	8.04	65.45	14.84	
18:00	3.78	4.48	5.22	7.75	12.04	n/a	n/a	n/a	0.67	1.89	4.74	7.64	69.92	14.55	
19:00	3.15	3.91	4.75	7.18	10.57	n/a	n/a	n/a	0.68	1.80	5.68	8.42	74.16	14.55	
20:00	4.20	5.28	6.39	10.51	16.08	n/a	n/a	n/a	0.68	2.17	9.24	12.53	65.00	14.79	
21:00	3.87	5.10	6.50	11.34	17.09	n/a	n/a	n/a	0.69	1.80	15.40	18.14	51.25	14.47	
22:00	9.62	11.85	14.24	23.36	36.02	n/a	n/a	n/a	0.64	3.06	27.78	32.45	30.42	15.40	
23:00	14.35	16.46	18.59	25.28	33.77	n/a	n/a	n/a	0.63	2.60	18.40	22.36	26.14	15.84	
24:00	17.31	19.52	21.90	28.35	35.01	n/a	n/a	n/a	0.65	6.56	30.29	40.32	8.28	15.87	
<b>Min</b>	<b>3.15</b>	<b>3.86</b>	<b>4.56</b>	<b>6.44</b>	<b>8.77</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.58</b>	<b>1.52</b>	<b>3.52</b>	<b>5.95</b>	<b>8.28</b>	<b>14.47</b>	
<b>Max</b>	<b>17.31</b>	<b>19.52</b>	<b>21.90</b>	<b>28.35</b>	<b>36.02</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.69</b>	<b>6.56</b>	<b>30.29</b>	<b>40.32</b>	<b>74.16</b>	<b>16.09</b>	
<b>Medie</b>	<b>7.39</b>	<b>8.53</b>	<b>9.81</b>	<b>13.37</b>	<b>17.63</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>0.63</b>	<b>2.40</b>	<b>9.63</b>	<b>13.29</b>	<b>50.72</b>	<b>15.15</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

n/a : Benzen,Toluen,Etil-benzen- lipsa gaz purtător