

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
13 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	1.37	2.12	2.91	5.49	9.37	n/a	n/a	n/a	0.57	1.50	2.57	4.84	79.40	15.00	0.001
2:00	1.09	1.60	2.16	3.48	4.80	n/a	n/a	n/a	0.57	1.40	2.25	4.37	78.26	15.25	
3:00	1.16	1.68	2.24	3.62	5.42	n/a	n/a	n/a	0.59	1.44	2.12	4.32	78.30	15.05	
4:00	1.22	2.00	2.77	5.89	10.59	n/a	n/a	n/a	0.56	1.48	2.96	5.21	75.88	15.59	
5:00	1.45	2.14	2.83	4.08	5.20	n/a	n/a	n/a	0.56	1.46	2.83	5.06	73.20	15.72	
6:00	1.58	2.19	2.82	3.91	5.08	n/a	n/a	n/a	0.56	1.54	4.40	6.75	65.98	15.73	
7:00	2.22	2.91	3.68	5.14	6.81	n/a	n/a	n/a	0.56	2.24	11.42	14.84	62.81	15.61	
8:00	2.44	3.40	4.36	7.32	11.06	n/a	n/a	n/a	0.59	2.37	9.63	13.25	59.30	15.25	
9:00	2.40	3.30	4.31	6.47	9.08	n/a	n/a	n/a	0.60	2.02	5.45	8.53	64.16	15.09	
10:00	3.76	4.71	5.83	8.10	10.76	n/a	n/a	n/a	0.57	2.06	4.17	7.31	62.07	15.47	
11:00	4.06	4.93	5.95	7.94	10.69	n/a	n/a	n/a	0.61	2.06	3.70	6.84	64.77	17.12	
12:00	3.52	4.70	5.91	10.26	16.41	n/a	n/a	n/a	0.64	1.95	3.27	6.25	71.55	19.02	
13:00	3.26	5.14	7.04	15.21	27.67	n/a	n/a	n/a	0.64	2.01	4.32	7.39	73.51	16.60	
14:00	3.12	4.61	6.22	11.80	19.23	n/a	n/a	n/a	0.65	1.87	5.45	8.31	70.17	15.18	
15:00	3.20	3.92	4.68	6.98	10.44	n/a	n/a	n/a	0.60	2.12	5.64	8.88	68.92	15.64	
16:00	2.57	3.31	4.13	6.94	9.82	n/a	n/a	n/a	0.62	1.91	3.79	6.70	66.84	14.62	
17:00	3.41	4.20	5.07	7.83	11.18	n/a	n/a	n/a	0.64	1.89	4.68	7.56	64.01	14.61	
18:00	3.84	4.72	5.76	8.49	11.75	n/a	n/a	n/a	0.61	2.11	6.49	9.72	60.99	15.04	
19:00	3.41	4.17	5.08	7.20	9.61	n/a	n/a	n/a	0.61	1.95	4.11	7.09	62.74	14.94	
20:00	2.98	3.88	4.90	8.18	12.26	n/a	n/a	n/a	0.64	1.81	5.79	8.55	60.37	14.48	
21:00	3.28	4.32	5.47	8.88	12.93	n/a	n/a	n/a	0.64	1.90	5.71	8.61	54.13	14.60	
22:00	1.91	2.64	3.46	5.62	8.77	n/a	n/a	n/a	0.58	1.93	5.83	8.78	61.43	15.08	
23:00	1.97	2.83	3.78	6.91	10.26	n/a	n/a	n/a	0.55	1.57	6.31	8.70	59.16	15.55	
24:00	2.05	3.08	4.29	8.56	13.53	n/a	n/a	n/a	0.58	1.55	4.26	6.62	58.29	15.18	
<b>Min</b>	<b>1.09</b>	<b>1.60</b>	<b>2.16</b>	<b>3.48</b>	<b>4.80</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.55</b>	<b>1.40</b>	<b>2.12</b>	<b>4.32</b>	<b>54.13</b>	<b>14.48</b>	
<b>Max</b>	<b>4.06</b>	<b>5.14</b>	<b>7.04</b>	<b>15.21</b>	<b>27.67</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.65</b>	<b>2.37</b>	<b>11.42</b>	<b>14.84</b>	<b>79.40</b>	<b>19.02</b>	
<b>Medie</b>	<b>2.55</b>	<b>3.44</b>	<b>4.40</b>	<b>7.26</b>	<b>10.95</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>0.60</b>	<b>1.84</b>	<b>4.88</b>	<b>7.69</b>	<b>66.51</b>	<b>15.48</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