

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
24 APRILIE 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	25.53	29.63	31.57	34.33	38.24	2.27	0.00	n/a	0.71	2.77	17.02	21.26	42.17	14.94	0.003
2:00	45.39	55.43	58.50	63.10	68.36	3.17	3.51	n/a	0.71	4.16	32.13	38.48	27.91	14.83	
3:00	10.05	11.90	13.46	17.30	22.15	0.51	0.67	n/a	0.72	2.07	7.77	10.94	59.19	14.22	
4:00	9.04	10.63	11.86	14.73	18.17	0.35	0.46	n/a	0.74	2.51	9.18	13.01	57.02	14.22	
5:00	11.74	13.47	14.91	17.37	20.53	0.63	0.74	n/a	0.77	2.83	15.13	19.45	44.92	14.55	
6:00	12.60	14.34	15.69	19.13	23.63	0.58	0.73	n/a	0.80	2.76	25.86	30.07	27.56	13.96	
7:00	11.57	13.35	14.76	18.98	24.62	0.68	0.88	n/a	0.83	4.64	26.92	34.00	22.54	13.26	
8:00	16.49	18.62	20.50	26.21	33.94	2.33	1.56	n/a	0.75	13.63	35.14	55.97	13.66	14.50	
9:00	16.12	18.36	19.95	27.48	39.54	0.82	0.96	n/a	0.70	10.98	29.76	46.54	28.52	15.57	
10:00	9.36	11.28	12.75	16.56	23.28	0.33	0.68	n/a	0.72	2.90	7.98	12.41	65.59	14.53	
11:00	6.44	8.11	9.41	13.03	18.49	0.26	n/a	n/a	0.77	2.72	5.55	9.72	73.97	13.73	
12:00	5.23	7.11	8.63	14.12	21.72	n/a	n/a	n/a	0.76	2.74	5.02	9.21	79.53	14.90	
13:00	4.78	6.21	7.48	9.93	13.32	n/a	0.44	n/a	0.79	2.46	4.45	8.22	81.12	14.56	
14:00	4.70	6.14	7.35	10.79	14.98	n/a	0.48	1.01	0.82	2.52	4.44	8.29	81.91	13.95	
15:00	5.15	6.53	7.72	11.16	16.01	n/a	1.40	n/a	0.82	2.23	4.03	7.45	83.93	13.84	
16:00	5.13	6.48	7.61	11.17	17.22	n/a	0.39	n/a	0.82	2.32	4.00	7.55	85.82	13.46	
17:00	5.37	6.65	7.75	11.04	16.69	n/a	n/a	n/a	0.83	2.31	4.07	7.60	87.03	13.39	
18:00	5.19	6.43	7.48	10.75	16.02	n/a	0.55	n/a	0.82	2.55	5.15	9.04	86.37	13.63	
19:00	5.69	7.01	8.11	11.11	14.71	n/a	1.40	n/a	0.82	2.30	7.01	10.53	83.84	13.84	
20:00	8.21	10.20	11.95	18.60	29.92	0.53	1.68	n/a	0.82	2.69	10.17	14.28	74.50	14.42	
21:00	12.67	15.67	18.06	31.03	52.67	0.78	0.83	n/a	0.80	2.38	14.25	17.89	68.45	14.37	
22:00	18.68	21.47	23.85	34.84	50.25	1.89	1.85	n/a	0.75	2.91	18.15	22.59	63.09	15.10	
23:00	21.68	23.46	25.10	28.89	34.15	2.64	2.48	1.02	0.72	3.05	16.41	21.07	57.96	15.55	
24:00	15.78	17.24	18.48	21.23	24.48	0.92	1.17	n/a	0.71	2.52	10.95	14.79	57.59	14.78	
<b>Min</b>	<b>4.70</b>	<b>6.14</b>	<b>7.35</b>	<b>9.93</b>	<b>13.32</b>	<b>0.26</b>	<b>0.00</b>	<b>1.01</b>	<b>0.70</b>	<b>2.07</b>	<b>4.00</b>	<b>7.45</b>	<b>13.66</b>	<b>13.26</b>	
<b>Max</b>	<b>45.39</b>	<b>55.43</b>	<b>58.50</b>	<b>63.10</b>	<b>68.36</b>	<b>3.17</b>	<b>3.51</b>	<b>1.02</b>	<b>0.83</b>	<b>13.63</b>	<b>35.14</b>	<b>55.97</b>	<b>87.03</b>	<b>15.57</b>	
<b>Medie</b>	<b>12.19</b>	<b>14.41</b>	<b>15.96</b>	<b>20.54</b>	<b>27.21</b>	<b>1.17</b>	<b>1.09</b>	<b>1.01</b>	<b>0.77</b>	<b>3.54</b>	<b>13.36</b>	<b>18.77</b>	<b>60.59</b>	<b>14.34</b>	

**Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020**

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	1
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