

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
05 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	17.10	17.60	18.04	18.36	18.76	0.76	0.48	n/a	0.78	1.80	7.88	10.63	56.41	13.36	0.001
2:00	18.73	19.23	19.54	20.24	20.90	1.16	0.67	n/a	0.78	1.79	8.46	11.20	52.82	13.46	
3:00	16.51	17.05	17.46	17.83	18.16	0.60	0.51	n/a	0.78	1.97	6.90	9.91	42.89	13.12	
4:00	21.66	22.47	23.04	24.08	25.49	1.64	1.13	n/a	0.82	2.05	10.41	13.54	34.87	12.91	
5:00	25.45	26.77	27.80	29.87	32.91	1.19	1.36	n/a	0.84	5.11	28.10	35.90	12.52	12.96	
6:00	20.66	21.63	22.51	24.04	26.52	0.85	1.16	n/a	0.84	3.24	17.07	22.03	24.11	12.89	
7:00	20.92	21.94	22.71	25.11	28.23	0.83	0.77	n/a	0.84	4.34	20.81	27.44	19.25	12.63	
8:00	17.81	18.76	19.51	22.01	25.58	1.05	2.01	n/a	0.84	3.23	17.86	22.79	25.64	12.65	
9:00	18.89	20.03	21.10	23.45	26.31	0.93	4.28	n/a	0.84	4.16	19.07	25.43	30.55	12.77	
10:00	15.27	16.27	17.20	20.00	26.02	1.04	3.77	n/a	0.84	3.31	13.51	18.58	42.90	12.78	
11:00	13.98	16.03	17.71	28.25	45.87	0.67	3.17	1.51	0.84	3.13	9.21	13.98	54.34	12.83	
12:00	14.67	16.89	18.67	31.46	53.15	0.53	8.20	3.26	0.84	3.19	8.39	13.26	58.88	13.04	
13:00	11.85	12.72	13.41	16.23	19.96	0.42	2.52	2.09	0.81	2.88	6.24	10.63	63.13	13.46	
14:00	6.64	7.85	8.88	15.24	26.39	0.36	3.78	2.65	0.74	2.86	5.28	9.65	68.89	14.00	
15:00	6.53	7.71	8.68	15.11	25.61	0.48	3.60	1.77	0.71	2.73	5.45	9.62	69.57	13.58	
16:00	6.01	7.38	8.70	15.91	26.32	0.28	0.65	0.54	0.75	2.20	4.29	7.66	71.30	12.87	
17:00	5.87	6.84	7.74	12.28	18.61	0.31	0.56	0.46	0.79	2.45	5.50	9.25	70.99	12.73	
18:00	5.45	6.22	6.95	10.14	15.62	0.26	0.43	0.37	0.80	2.24	5.63	9.05	72.04	12.49	
19:00	5.94	6.67	7.43	9.78	12.58	0.93	0.56	n/a	0.80	2.18	5.68	9.02	72.55	12.71	
20:00	5.93	6.68	7.34	9.31	12.73	0.40	0.71	0.46	0.75	2.84	11.90	16.25	64.96	13.19	
21:00	11.92	13.58	14.87	19.16	26.38	2.60	1.30	n/a	0.72	3.17	22.86	27.70	48.55	13.51	
22:00	19.89	21.62	23.02	27.85	35.36	1.40	n/a	n/a	0.73	5.39	25.13	33.36	40.06	13.81	
23:00	32.66	34.63	36.36	42.34	50.80	2.35	1.43	n/a	0.74	3.63	23.58	29.13	31.04	13.73	
24:00	54.47	57.20	59.30	65.46	73.50	4.82	3.15	n/a	0.79	4.29	28.52	35.06	21.42	14.19	
<b>Min</b>	<b>5.45</b>	<b>6.22</b>	<b>6.95</b>	<b>9.31</b>	<b>12.58</b>	<b>0.26</b>	<b>0.43</b>	<b>0.37</b>	<b>0.71</b>	<b>1.79</b>	<b>4.29</b>	<b>7.66</b>	<b>12.52</b>	<b>12.49</b>	
<b>Max</b>	<b>54.47</b>	<b>57.20</b>	<b>59.30</b>	<b>65.46</b>	<b>73.50</b>	<b>4.82</b>	<b>8.20</b>	<b>3.26</b>	<b>0.84</b>	<b>5.39</b>	<b>28.52</b>	<b>35.90</b>	<b>72.55</b>	<b>14.19</b>	
<b>Medie</b>	<b>16.45</b>	<b>17.66</b>	<b>18.66</b>	<b>22.65</b>	<b>28.82</b>	<b>1.08</b>	<b>2.01</b>	<b>1.46</b>	<b>0.79</b>	<b>3.09</b>	<b>13.24</b>	<b>17.96</b>	<b>47.90</b>	<b>13.15</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