

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
09 FEBRUARIE 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	4.56	5.01	5.42	5.72	6.27	0.51	0.61	1.07	0.72	2.03	3.88	6.96	50.14	13.15	0.005
2:00	5.54	6.27	6.89	7.80	8.65	0.52	0.74	0.86	0.76	1.81	3.60	6.35	49.41	14.75	
3:00	5.94	6.64	7.25	7.87	8.40	0.61	0.71	0.79	0.80	2.11	4.96	8.17	44.44	13.55	
4:00	6.15	6.75	7.26	7.86	8.36	0.75	0.81	0.70	0.81	1.85	3.65	6.46	42.78	11.60	
5:00	6.86	7.56	8.23	9.05	10.38	0.70	0.75	n/a	0.81	2.34	5.51	9.08	40.02	11.46	
6:00	7.69	8.47	9.19	10.27	11.36	0.79	0.91	n/a	0.81	3.04	8.12	12.76	36.32	11.56	
7:00	7.99	8.83	9.53	11.36	14.00	1.45	1.18	0.70	0.82	4.28	14.41	20.95	29.16	11.72	
8:00	12.11	13.14	13.86	16.33	19.88	2.05	3.32	1.34	0.78	12.84	29.55	49.18	16.64	12.52	
9:00	27.39	29.46	31.20	35.92	41.95	3.25	3.69	1.50	0.73	20.44	38.11	69.34	10.30	13.48	
10:00	20.78	22.22	23.49	25.73	28.77	1.66	1.31	0.89	0.75	7.52	17.69	29.18	23.73	12.71	
11:00	12.81	13.99	14.99	17.08	19.65	1.09	0.99	0.80	0.76	4.13	8.45	14.77	37.13	12.29	
12:00	9.59	10.91	11.98	14.08	16.69	1.24	1.27	0.84	0.76	3.64	6.62	12.18	41.57	12.09	
13:00	11.46	13.10	14.39	18.09	23.88	0.74	1.00	1.02	0.71	3.59	7.72	13.21	49.19	13.62	
14:00	7.65	9.47	11.13	15.31	21.37	0.60	0.79	0.79	0.74	5.60	17.36	25.91	45.67	14.90	
15:00	7.36	9.70	11.82	18.31	26.94	0.76	0.84	0.80	0.77	5.85	26.28	35.22	41.74	14.73	
16:00	8.08	10.77	13.38	21.18	32.33	0.91	1.17	0.99	0.71	5.90	26.59	35.61	45.03	15.67	
17:00	14.84	19.38	23.66	41.19	64.48	1.26	2.86	1.38	0.73	12.17	53.63	72.23	20.84	15.41	
18:00	19.56	25.62	31.54	52.56	78.17	1.69	5.97	8.19	0.74	16.83	56.05	81.76	15.27	14.96	
19:00	46.11	60.58	72.80	114.88	167.53	6.95	11.44	5.09	0.74	98.00	70.20	219.94	7.35	17.57	
20:00	119.43	134.78	145.33	170.25	200.59	24.13	14.14	5.53	0.79	65.77	55.78	156.27	8.02	16.30	
21:00	117.94	126.87	134.31	147.19	161.12	19.18	14.83	4.99	0.81	79.49	54.10	175.55	7.60	16.52	
22:00	140.77	148.82	154.56	164.11	173.58	17.30	13.01	5.08	0.83	66.82	51.95	154.06	7.59	15.73	
23:00	81.66	85.68	88.78	92.55	95.98	6.33	5.22	2.64	0.76	14.82	39.90	62.56	10.47	13.82	
24:00	44.00	45.96	47.52	49.03	50.71	3.98	3.25	2.04	0.74	5.41	26.45	34.73	18.98	13.22	
<b>Min</b>	<b>4.56</b>	<b>5.01</b>	<b>5.42</b>	<b>5.72</b>	<b>6.27</b>	<b>0.51</b>	<b>0.61</b>	<b>0.70</b>	<b>0.71</b>	<b>1.81</b>	<b>3.60</b>	<b>6.35</b>	<b>7.35</b>	<b>11.46</b>	
<b>Max</b>	<b>140.77</b>	<b>148.82</b>	<b>154.56</b>	<b>170.25</b>	<b>200.59</b>	<b>24.13</b>	<b>14.83</b>	<b>8.19</b>	<b>0.83</b>	<b>98.00</b>	<b>70.20</b>	<b>219.94</b>	<b>50.14</b>	<b>17.57</b>	
<b>Medie</b>	<b>31.09</b>	<b>34.58</b>	<b>37.44</b>	<b>44.74</b>	<b>53.79</b>	<b>4.10</b>	<b>3.78</b>	<b>2.18</b>	<b>0.77</b>	<b>18.60</b>	<b>26.27</b>	<b>54.68</b>	<b>29.14</b>	<b>13.89</b>	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	3

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	4
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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