

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
26 IANUARIE 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	19.02	20.01	20.78	23.42	27.13	2.69	1.80	0.72	0.76	4.54	25.16	32.09	28.61	21.06	0.006
2:00	46.98	48.52	49.43	51.84	54.94	4.60	3.86	1.11	0.87	5.45	30.31	38.64	19.90	18.31	
3:00	58.86	60.47	61.45	63.79	66.95	4.22	4.37	1.37	0.91	12.19	40.33	58.96	9.71	14.85	
4:00	34.25	34.99	35.39	35.99	36.81	1.80	1.29	0.66	0.80	4.66	15.57	22.69	27.79	12.25	
5:00	17.12	17.78	18.27	20.14	23.59	1.35	1.15	0.67	0.78	6.48	27.18	37.07	19.63	13.19	
6:00	17.34	17.96	18.42	20.11	21.94	1.31	1.07	0.71	0.75	4.26	17.57	24.09	28.89	13.37	
7:00	15.34	15.78	16.11	16.68	17.14	1.10	1.10	0.80	0.75	3.96	15.39	21.45	33.33	13.41	
8:00	15.72	16.17	16.49	16.92	17.23	1.28	1.10	0.82	0.76	4.89	19.94	27.42	29.10	12.58	
9:00	21.87	22.89	23.72	26.75	30.20	2.90	2.75	0.96	0.81	11.95	34.77	53.02	17.82	13.16	
10:00	38.15	39.54	40.64	43.53	46.37	5.72	3.76	1.18	0.87	16.36	39.12	64.10	12.39	13.44	
11:00	34.45	35.62	36.40	38.61	41.26	3.52	2.26	0.86	0.83	10.43	32.51	48.46	17.07	13.22	
12:00	25.50	26.47	27.10	28.36	29.34	2.44	1.71	0.78	0.83	9.21	30.32	44.40	22.15	13.70	
13:00	17.72	18.28	18.70	19.18	19.60	1.01	0.89	0.74	0.81	4.35	14.92	21.57	33.21	12.57	
14:00	31.53	32.47	33.04	33.95	35.25	2.53	2.34	0.82	0.80	4.74	14.99	22.24	31.29	12.83	
15:00	29.75	30.50	30.95	32.07	33.40	2.03	n/a	n/a	0.80	4.58	14.65	21.65	34.70	12.92	
16:00	29.40	30.63	31.23	33.58	37.11	1.66	1.45	0.71	0.80	4.48	18.69	25.53	29.99	12.91	
17:00	37.72	39.02	39.82	42.35	46.80	3.63	2.49	0.83	0.83	5.89	25.44	34.44	23.86	12.87	
18:00	42.81	43.83	44.36	45.28	46.46	3.12	2.40	0.97	0.87	8.77	34.56	47.97	14.56	12.84	
19:00	46.32	47.24	47.77	48.57	49.31	6.94	3.78	1.09	0.88	21.20	37.79	70.19	11.32	13.17	
20:00	40.63	41.27	41.64	42.33	44.13	4.61	2.57	0.87	0.87	13.79	38.51	59.59	9.28	12.67	
21:00	69.41	71.09	71.76	72.68	74.07	14.57	4.94	1.37	0.92	11.44	33.01	50.50	14.66	12.88	
22:00	89.09	90.73	91.37	92.23	93.11	9.57	5.48	1.42	0.99	12.75	40.41	59.89	10.10	12.88	
23:00	82.21	84.36	84.85	85.83	86.59	10.17	5.89	1.71	0.95	9.50	37.12	51.64	12.32	12.69	
24:00	81.59	83.65	84.26	86.10	88.19	7.15	5.00	1.36	0.96	18.80	41.71	70.44	8.29	12.43	
<b>Min</b>	<b>15.34</b>	<b>15.78</b>	<b>16.11</b>	<b>16.68</b>	<b>17.14</b>	<b>1.01</b>	<b>0.89</b>	<b>0.66</b>	<b>0.75</b>	<b>3.96</b>	<b>14.65</b>	<b>21.45</b>	<b>8.29</b>	<b>12.25</b>	
<b>Max</b>	<b>89.09</b>	<b>90.73</b>	<b>91.37</b>	<b>92.23</b>	<b>93.11</b>	<b>14.57</b>	<b>5.89</b>	<b>1.71</b>	<b>0.99</b>	<b>21.20</b>	<b>41.71</b>	<b>70.44</b>	<b>34.70</b>	<b>21.06</b>	
<b>Medie</b>	<b>39.28</b>	<b>40.39</b>	<b>41.00</b>	<b>42.51</b>	<b>44.45</b>	<b>4.16</b>	<b>2.76</b>	<b>0.98</b>	<b>0.84</b>	<b>8.94</b>	<b>28.33</b>	<b>42.00</b>	<b>20.83</b>	<b>13.59</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)	1
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