

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
17 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	29.02	29.68	30.10	31.01	32.61	1.80	1.01	n/a	0.89	3.14	12.91	17.70	38.17	14.80	0.001
2:00	23.12	23.71	24.16	24.84	25.62	1.36	0.81	n/a	0.88	2.77	15.17	19.40	36.16	28.72	
3:00	18.67	19.22	19.67	20.06	20.37	1.12	0.71	n/a	0.88	2.86	14.31	18.67	37.02	34.40	
4:00	17.87	18.35	18.68	19.06	19.63	0.99	0.65	n/a	0.88	3.14	12.93	17.74	38.58	31.25	
5:00	20.40	20.91	21.27	22.01	23.34	1.15	0.65	n/a	0.89	3.32	12.46	17.54	37.21	23.07	
6:00	18.16	18.64	18.96	19.38	19.68	0.89	0.52	n/a	0.89	3.19	12.13	17.01	37.25	31.60	
7:00	16.01	16.50	16.87	17.24	17.87	0.93	0.52	n/a	0.89	3.50	13.53	18.87	36.35	35.41	
8:00	21.69	22.25	22.70	22.92	23.09	1.44	0.80	n/a	0.90	3.96	16.40	22.45	32.68	25.32	
9:00	27.13	27.74	28.10	28.71	30.28	1.94	1.63	n/a	0.90	4.71	15.58	22.77	31.76	19.70	
10:00	28.05	28.93	29.65	30.91	32.25	1.30	0.88	n/a	0.90	5.72	17.04	25.78	32.69	17.08	
11:00	19.80	20.28	20.61	21.10	22.12	1.27	0.88	n/a	0.90	5.49	12.71	21.09	37.13	17.41	
12:00	17.27	17.82	18.25	19.06	19.93	0.95	0.91	n/a	0.89	4.53	10.09	17.02	40.12	22.84	
13:00	14.52	15.07	15.46	16.90	19.09	0.81	1.22	n/a	0.88	3.72	8.11	13.80	42.48	16.51	
14:00	14.37	14.95	15.38	16.52	17.95	0.75	0.64	n/a	0.87	3.46	8.38	13.66	43.59	19.60	
15:00	14.31	14.87	15.32	16.38	18.35	0.68	0.50	n/a	0.86	3.25	8.75	13.71	44.43	22.40	
16:00	16.77	17.37	17.81	18.84	19.89	0.75	0.58	n/a	0.85	3.45	10.94	16.22	44.60	20.65	
17:00	26.13	27.14	27.91	30.43	32.79	2.07	1.20	n/a	0.86	4.23	23.63	30.09	36.24	21.75	
18:00	73.70	76.41	77.90	83.34	89.47	5.68	2.69	0.61	0.91	10.80	57.66	74.17	8.47	17.73	
19:00	120.23	122.54	124.09	130.03	137.92	11.95	5.51	0.92	0.96	27.51	62.85	104.88	1.17	14.23	
20:00	115.01	117.11	118.64	123.28	128.34	9.53	4.49	0.85	0.95	20.34	61.74	92.81	0.88	12.76	
21:00	115.40	117.49	118.67	122.07	125.37	10.91	4.54	0.80	0.96	16.51	53.62	78.85	2.76	12.20	
22:00	125.97	128.32	129.93	134.77	141.83	11.94	5.19	0.90	0.98	26.64	56.20	96.90	-0.29	11.89	
23:00	97.44	99.18	100.45	104.19	108.83	10.26	4.27	0.79	0.95	25.41	54.38	93.20	-1.00	11.70	
24:00	104.12	105.79	106.83	109.17	111.78	9.32	3.91	0.75	0.95	12.95	42.91	62.71	3.02	11.28	
<b>Min</b>	<b>14.31</b>	<b>14.87</b>	<b>15.32</b>	<b>16.38</b>	<b>17.87</b>	<b>0.68</b>	<b>0.50</b>	<b>0.61</b>	<b>0.85</b>	<b>2.77</b>	<b>8.11</b>	<b>13.66</b>	<b>-1.00</b>	<b>11.28</b>	
<b>Max</b>	<b>125.97</b>	<b>128.32</b>	<b>129.93</b>	<b>134.77</b>	<b>141.83</b>	<b>11.95</b>	<b>5.51</b>	<b>0.92</b>	<b>0.98</b>	<b>27.51</b>	<b>62.85</b>	<b>104.88</b>	<b>44.60</b>	<b>35.41</b>	
<b>Medie</b>	<b>45.63</b>	<b>46.68</b>	<b>47.39</b>	<b>49.26</b>	<b>51.60</b>	<b>3.74</b>	<b>1.86</b>	<b>0.80</b>	<b>0.90</b>	<b>8.53</b>	<b>25.60</b>	<b>38.63</b>	<b>27.56</b>	<b>20.60</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