

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
06 DECEMBRIE 2020**



**DATE CALITATE AER MUNICIPIUL SEBES -  
SISTEM PROPRIU DE MASURARE - Occidentului Nr.3  
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	67.07	69.66	71.03	76.37	83.49	5.28	6.97	5.55	1.07	23.39	32.41	68.16	3.64	10.39	0.006
2:00	42.48	43.83	44.67	47.34	51.19	3.13	2.98	1.97	0.94	5.46	18.16	26.50	7.01	9.58	
3:00	28.52	29.65	30.39	32.83	37.15	3.81	5.34	6.49	0.89	4.63	18.07	25.16	7.22	9.48	
4:00	33.83	35.36	36.39	38.86	42.23	7.93	5.43	6.26	0.94	5.97	21.16	30.27	6.63	9.52	
5:00	30.62	32.43	33.58	37.92	44.59	2.92	2.87	1.82	0.88	6.32	18.66	28.31	12.49	9.53	
6:00	22.23	23.14	23.82	25.39	27.86	1.84	n/a	n/a	0.87	6.36	17.36	27.08	16.04	9.64	
7:00	24.04	25.08	25.75	27.08	28.85	1.14	1.58	1.36	0.87	4.61	21.79	28.84	15.48	9.77	
8:00	43.79	45.49	46.64	49.89	54.68	4.46	12.19	6.38	0.96	20.07	34.67	65.34	5.50	10.25	
9:00	79.64	83.11	86.04	93.74	103.96	12.59	9.26	5.96	1.21	72.62	42.09	153.05	3.58	12.40	
10:00	98.63	102.27	105.01	112.81	124.76	4.51	9.78	6.25	1.09	65.19	38.45	138.05	4.20	11.93	
11:00	136.52	141.05	144.35	152.16	163.05	16.11	10.65	5.14	1.27	82.19	50.79	176.37	5.57	12.89	
12:00	52.92	55.08	56.68	62.12	71.09	1.43	2.45	1.67	0.93	12.07	22.00	40.43	21.76	10.91	
13:00	20.88	22.66	24.07	29.91	39.82	1.37	2.32	1.56	0.91	3.78	11.40	17.17	33.34	10.39	
14:00	26.34	29.08	31.30	41.88	57.32	1.45	2.44	1.54	0.92	5.07	19.97	27.73	30.04	10.88	
15:00	27.36	29.58	31.31	37.80	47.25	1.31	2.37	1.62	0.98	4.92	20.21	27.74	37.06	9.93	
16:00	15.60	17.18	18.57	24.67	35.52	2.46	2.52	1.70	0.97	3.30	12.11	17.15	42.46	9.26	
17:00	24.95	26.87	28.27	32.41	38.33	1.80	2.29	1.64	0.95	6.21	20.20	29.68	35.35	9.80	
18:00	21.43	22.88	24.07	26.27	29.31	5.17	3.22	3.27	0.91	4.36	20.41	27.07	30.71	9.72	
19:00	26.87	28.18	29.31	32.43	38.27	4.15	3.64	9.01	0.89	6.12	27.50	36.84	23.91	9.98	
20:00	41.94	43.26	44.25	46.08	48.21	3.72	3.20	2.74	0.92	4.45	26.10	32.90	24.17	9.59	
21:00	21.24	22.51	23.41	25.79	30.27	2.41	2.17	2.54	0.91	7.02	21.89	32.62	25.01	9.46	
22:00	18.71	20.13	21.11	23.99	27.36	1.17	1.65	1.65	0.88	1.83	9.61	12.39	34.43	9.21	
23:00	18.45	19.59	20.51	22.72	27.26	1.19	1.65	1.52	0.90	1.86	7.03	9.86	35.97	9.14	
24:00	16.72	17.76	18.74	20.28	22.94	1.00	1.25	1.46	0.91	1.74	7.67	10.31	35.15	8.95	
<b>Min</b>	<b>15.60</b>	<b>17.18</b>	<b>18.57</b>	<b>20.28</b>	<b>22.94</b>	<b>1.00</b>	<b>1.25</b>	<b>1.36</b>	<b>0.87</b>	<b>1.74</b>	<b>7.03</b>	<b>9.86</b>	<b>3.58</b>	<b>8.95</b>	
<b>Max</b>	<b>136.52</b>	<b>141.05</b>	<b>144.35</b>	<b>152.16</b>	<b>163.05</b>	<b>16.11</b>	<b>12.19</b>	<b>9.01</b>	<b>1.27</b>	<b>82.19</b>	<b>50.79</b>	<b>176.37</b>	<b>42.46</b>	<b>12.89</b>	
<b>Medie</b>	<b>39.20</b>	<b>41.08</b>	<b>42.47</b>	<b>46.70</b>	<b>53.11</b>	<b>3.85</b>	<b>4.27</b>	<b>3.44</b>	<b>0.96</b>	<b>14.98</b>	<b>22.49</b>	<b>45.38</b>	<b>20.70</b>	<b>10.11</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