

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
11 NOIEMBRIE 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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.003
2:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
3:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
4:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
5:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
6:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
7:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
8:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
9:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
10:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
11:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
12:00	13.81	15.56	17.83	20.52	22.40	1.88	3.22	3.16	0.54	3.34	2.84	7.93	14.01	3.17	
13:00	15.56	16.61	17.53	19.35	21.06	1.89	3.47	3.99	0.57	4.88	10.53	17.98	14.54	6.52	
14:00	15.63	16.59	17.43	19.53	22.56	1.61	1.88	1.57	0.58	4.60	11.99	19.00	15.28	8.75	
15:00	15.59	16.58	17.50	19.44	22.16	1.61	2.06	1.38	0.59	4.54	13.67	20.63	15.94	8.46	
16:00	16.98	18.23	19.40	21.99	25.35	2.21	2.52	1.85	0.63	3.92	16.18	22.17	14.73	7.97	
17:00	18.02	19.51	20.73	23.68	28.63	1.83	1.97	1.47	0.64	4.40	18.13	24.85	13.41	7.80	
18:00	29.58	32.28	33.91	37.10	41.05	3.63	3.05	1.69	0.74	5.28	21.79	29.86	9.77	8.18	
19:00	23.01	25.01	26.75	31.78	38.93	2.93	3.00	3.57	0.75	19.16	27.76	57.04	3.61	8.08	
20:00	26.59	28.77	30.92	35.32	39.48	3.34	3.96	6.85	0.87	13.64	27.87	48.70	3.55	8.00	
21:00	26.90	28.25	29.33	32.02	35.34	3.19	3.44	4.46	0.75	6.89	21.94	32.47	7.93	7.99	
22:00	16.87	17.55	17.94	18.72	19.57	2.16	1.87	1.88	0.64	2.53	13.34	17.20	14.92	7.72	
23:00	10.44	11.01	11.48	13.10	15.01	1.67	4.64	14.30	0.56	2.94	10.04	14.53	18.11	8.14	
24:00	10.97	11.61	12.15	13.91	16.34	1.69	5.00	14.91	0.60	2.25	7.94	11.38	20.13	7.70	
<b>Min</b>	<b>10.44</b>	<b>11.01</b>	<b>11.48</b>	<b>13.10</b>	<b>15.01</b>	<b>1.61</b>	<b>1.87</b>	<b>1.38</b>	<b>0.54</b>	<b>2.25</b>	<b>2.84</b>	<b>7.93</b>	<b>3.55</b>	<b>3.17</b>	
<b>Max</b>	<b>29.58</b>	<b>32.28</b>	<b>33.91</b>	<b>37.10</b>	<b>41.05</b>	<b>3.63</b>	<b>5.00</b>	<b>14.91</b>	<b>0.87</b>	<b>19.16</b>	<b>27.87</b>	<b>57.04</b>	<b>20.13</b>	<b>8.75</b>	
<b>Medie</b>	<b>18.46</b>	<b>19.81</b>	<b>20.99</b>	<b>23.57</b>	<b>26.76</b>	<b>2.28</b>	<b>3.08</b>	<b>4.70</b>	<b>0.65</b>	<b>6.03</b>	<b>15.69</b>	<b>24.90</b>	<b>12.76</b>	<b>7.58</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)	1
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

n/a\* datele furnizate prin intermediul Laboratorului mobil de măsurare a calității aerului din Sebeș nu au fost disponibile în data de 11.11.2020 ora 00 – 11.00 din cauza lucrărilor efectuate la rețeaua electrică de pe raza UAT Sebeș.