

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
30 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	51.93	53.32	54.09	55.36	56.97	n/a	n/a	n/a	0.96	4.75	16.23	23.50	5.30	10.21	0.005
2:00	23.43	24.10	24.54	25.27	26.39	n/a	n/a	n/a	0.80	3.45	16.92	22.19	5.17	10.32	
3:00	22.34	23.00	23.48	24.08	24.56	n/a	n/a	n/a	0.79	3.31	15.54	20.59	6.26	10.26	
4:00	21.91	22.49	22.88	23.26	23.53	n/a	n/a	n/a	0.80	14.47	16.93	39.04	4.76	10.02	
5:00	24.72	25.73	26.22	26.91	27.82	n/a	n/a	n/a	0.81	5.97	11.65	20.77	6.66	9.76	
6:00	22.45	23.18	23.59	24.23	25.09	n/a	n/a	n/a	0.80	2.81	10.39	14.69	5.83	9.41	
7:00	18.81	19.38	19.75	20.39	21.16	n/a	n/a	n/a	0.79	5.66	10.29	18.93	9.80	9.46	
8:00	27.89	28.60	29.06	30.43	32.29	n/a	n/a	n/a	0.97	5.92	12.50	21.54	7.19	9.55	
9:00	23.20	24.28	24.76	25.49	26.19	n/a	n/a	n/a	0.81	9.12	13.09	27.02	7.90	11.38	
10:00	19.60	20.32	20.77	21.91	23.46	n/a	n/a	n/a	0.78	7.91	8.85	20.92	14.22	17.26	
11:00	15.58	16.42	17.07	19.40	21.87	n/a	n/a	n/a	0.77	9.25	11.72	25.87	17.44	21.84	
12:00	27.45	28.83	29.97	32.25	34.92	n/a	n/a	n/a	0.86	7.91	16.13	28.21	14.98	18.13	
13:00	24.97	26.26	27.07	29.19	32.05	n/a	n/a	n/a	0.79	4.08	9.59	15.82	21.34	18.01	
14:00	33.11	34.70	35.86	39.42	43.49	n/a	n/a	n/a	0.84	5.79	13.31	22.16	20.99	15.68	
15:00	25.25	26.54	27.47	30.52	34.58	n/a	n/a	n/a	0.79	4.38	10.06	16.76	24.47	11.19	
16:00	27.61	29.15	30.30	34.24	42.42	n/a	n/a	n/a	0.88	6.37	16.11	25.84	21.94	9.92	
17:00	51.01	53.72	55.20	60.27	66.85	5.79	2.50	1.11	1.08	12.19	28.75	47.37	11.29	10.41	
18:00	57.95	60.81	62.82	69.97	79.13	2.89	2.34	0.95	1.05	26.11	29.69	69.60	4.40	10.00	
19:00	40.30	41.91	43.02	48.33	55.79	2.91	2.16	0.69	1.03	31.38	25.26	73.21	5.03	9.95	
20:00	46.32	47.88	48.93	52.70	57.93	4.88	2.38	1.51	1.11	39.82	26.37	87.22	4.60	10.08	
21:00	102.59	105.71	107.56	112.79	118.49	5.35	2.89	1.53	1.45	20.62	26.87	58.40	4.14	9.52	
22:00	101.13	103.08	104.24	106.59	109.54	4.45	2.27	0.72	1.52	14.19	25.15	46.82	4.27	9.32	
23:00	65.85	67.19	68.04	69.45	70.96	2.51	1.48	0.56	1.19	9.47	23.25	37.73	4.29	9.11	
24:00	66.92	68.43	69.28	71.16	72.99	3.41	2.10	0.87	1.23	10.46	21.30	37.29	3.64	9.00	
<b>Min</b>	<b>15.58</b>	<b>16.42</b>	<b>17.07</b>	<b>19.40</b>	<b>21.16</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.77</b>	<b>2.81</b>	<b>8.85</b>	<b>14.69</b>	<b>3.64</b>	<b>9.00</b>	
<b>Max</b>	<b>102.59</b>	<b>105.71</b>	<b>107.56</b>	<b>112.79</b>	<b>118.49</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>1.52</b>	<b>39.82</b>	<b>29.69</b>	<b>87.22</b>	<b>24.47</b>	<b>21.84</b>	
<b>Medie</b>	<b>39.26</b>	<b>40.63</b>	<b>41.50</b>	<b>43.90</b>	<b>47.02</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.95</b>	<b>11.06</b>	<b>17.33</b>	<b>34.23</b>	<b>9.83</b>	<b>11.66</b>	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	1
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