

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
15 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	49.00	51.39	53.46	56.75	59.40	3.19	4.02	3.50	0.99	4.98	8.51	16.12	5.60	9.04	0.002
2:00	20.54	22.88	25.09	28.89	32.96	1.24	4.08	3.20	0.58	4.01	6.26	12.40	5.40	8.95	
3:00	31.49	34.06	35.91	38.62	41.93	2.53	6.45	3.12	0.79	2.90	5.78	10.21	5.69	8.84	
4:00	35.46	39.44	42.66	46.31	49.99	1.82	2.32	2.94	0.71	4.50	9.57	16.44	4.11	8.93	
5:00	35.56	37.72	39.48	41.58	43.38	2.51	4.92	2.91	0.88	9.72	10.76	25.61	3.64	8.82	
6:00	35.98	39.10	41.29	43.98	47.00	2.24	2.56	2.99	0.79	11.72	11.32	29.23	3.36	9.06	
7:00	31.47	33.06	34.33	36.39	38.11	3.61	2.27	2.90	0.79	9.24	12.13	26.25	3.45	8.55	
8:00	32.13	34.56	36.30	41.06	47.57	2.54	2.12	2.83	0.81	13.35	12.36	32.75	3.40	8.50	
9:00	43.30	45.41	46.53	49.51	54.44	3.98	2.34	2.96	0.85	13.76	12.03	33.05	4.48	8.44	
10:00	40.91	42.89	43.95	45.34	46.40	3.28	2.10	2.95	0.78	9.15	9.58	23.56	7.18	8.28	
11:00	32.02	33.48	34.26	35.77	37.78	2.28	1.81	2.88	0.71	8.26	9.97	22.59	9.65	8.17	
12:00	32.72	34.58	35.76	37.68	39.30	2.48	1.85	2.82	0.71	6.17	9.50	18.93	12.43	7.71	
13:00	32.89	34.81	36.09	37.63	38.92	1.94	1.70	2.90	0.67	4.84	7.80	15.19	17.14	7.65	
14:00	34.57	36.56	37.93	41.30	45.82	1.87	1.65	3.27	0.66	5.62	9.37	17.95	22.11	8.13	
15:00	25.61	27.20	28.28	32.64	39.27	1.10	0.95	2.91	0.56	2.77	5.97	10.20	32.84	8.07	
16:00	20.77	22.36	23.55	27.62	32.98	1.02	0.91	3.26	0.51	2.22	7.72	11.11	37.58	7.76	
17:00	33.22	35.76	37.19	41.83	49.02	1.70	1.77	3.63	0.73	2.26	17.11	20.55	27.77	7.90	
18:00	35.75	39.33	41.91	55.80	74.94	2.52	8.07	3.93	0.95	23.92	33.44	70.00	7.81	8.16	
19:00	25.42	27.62	29.77	37.13	45.47	2.02	2.71	3.35	0.65	12.27	18.00	36.74	6.99	7.57	
20:00	41.59	44.08	46.53	52.73	60.27	3.73	3.32	3.56	1.03	7.53	20.89	32.40	7.85	7.37	
21:00	59.10	61.76	64.06	70.59	77.11	2.77	3.69	3.90	1.14	20.10	20.70	51.41	5.32	8.43	
22:00	54.24	56.52	58.33	63.37	68.78	5.72	4.99	3.43	1.20	15.36	14.92	38.38	5.29	8.48	
23:00	77.29	80.63	83.21	93.36	106.72	6.14	5.50	3.45	1.44	29.61	17.18	62.43	3.77	9.10	
24:00	52.62	54.67	56.28	59.78	63.15	3.01	2.67	3.17	1.02	7.77	10.58	22.46	4.75	8.46	
<b>Min</b>	<b>20.54</b>	<b>22.36</b>	<b>23.55</b>	<b>27.62</b>	<b>32.96</b>	<b>1.02</b>	<b>0.91</b>	<b>2.82</b>	<b>0.51</b>	<b>2.22</b>	<b>5.78</b>	<b>10.20</b>	<b>3.36</b>	<b>7.37</b>	
<b>Max</b>	<b>77.29</b>	<b>80.63</b>	<b>83.21</b>	<b>93.36</b>	<b>106.72</b>	<b>6.14</b>	<b>8.07</b>	<b>3.93</b>	<b>1.44</b>	<b>29.61</b>	<b>33.44</b>	<b>70.00</b>	<b>37.58</b>	<b>9.10</b>	
<b>Medie</b>	<b>38.07</b>	<b>40.41</b>	<b>42.17</b>	<b>46.49</b>	<b>51.70</b>	<b>2.72</b>	<b>3.12</b>	<b>3.20</b>	<b>0.83</b>	<b>9.67</b>	<b>12.56</b>	<b>27.33</b>	<b>10.32</b>	<b>8.35</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