

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
14 OCTOMBRIE 2021**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE - Aleea Lac, fn**

**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	6.90	7.46	7.85	8.70	9.78	0.66	0.72	1.19	0.47	0.54	2.77	3.60	55.91	1.72	N/A*
2:00	6.40	6.78	7.11	7.63	8.01	0.50	0.57	1.04	0.46	n/a	n/a	n/a	58.19	1.60	
3:00	5.00	5.34	5.66	6.12	6.57	0.42	0.56	1.02	0.45	n/a	n/a	n/a	58.96	1.42	
4:00	4.46	4.79	5.14	5.57	5.91	0.40	0.47	0.97	0.43	n/a	n/a	n/a	61.67	1.19	
5:00	5.18	5.53	5.89	6.65	7.28	1.11	0.80	0.99	0.45	1.13	2.10	3.84	52.18	1.30	
6:00	7.32	7.84	8.32	9.29	10.03	0.65	0.65	0.96	0.47	0.77	0.82	1.99	50.53	1.32	
7:00	9.96	10.97	11.81	15.22	18.80	0.99	0.97	0.99	0.51	6.62	24.14	34.26	29.16	1.56	
8:00	12.53	13.88	15.12	18.92	23.00	1.30	n/a	n/a	0.57	12.30	27.07	45.86	22.44	1.55	
9:00	17.13	19.12	20.87	26.66	35.52	1.13	1.38	1.11	0.60	19.80	27.71	57.96	20.34	1.92	
10:00	18.20	20.64	23.00	30.53	40.36	1.26	3.49	1.68	0.60	26.34	25.11	65.36	19.95	2.04	
11:00	15.08	17.39	19.59	27.28	36.90	0.74	1.64	1.41	0.57	19.24	19.51	48.91	29.88	2.10	
12:00	25.49	28.58	31.35	40.10	53.39	1.24	2.29	1.27	0.58	28.64	24.11	67.88	25.13	4.15	
13:00	18.82	21.36	23.76	31.90	45.58	1.00	1.71	1.31	0.54	19.76	22.26	52.46	31.51	3.91	
14:00	14.85	17.43	20.17	26.64	37.03	0.74	1.17	1.20	0.49	13.59	17.77	38.53	37.82	2.93	
15:00	9.25	10.24	11.19	14.06	18.99	0.63	0.86	1.09	0.46	3.37	5.61	10.77	49.36	2.18	
16:00	9.79	10.72	11.59	14.28	17.07	0.69	1.00	1.22	0.47	2.29	5.70	9.20	52.83	1.79	
17:00	10.96	12.16	13.26	17.32	21.93	0.73	1.03	1.29	0.49	3.27	11.03	16.02	52.04	2.12	
18:00	13.45	14.78	16.11	19.83	24.44	0.98	1.11	1.30	0.53	4.38	18.71	25.41	44.83	2.42	
19:00	14.70	16.17	17.61	21.88	26.72	0.92	1.13	1.31	0.53	3.67	20.51	26.12	39.93	2.65	
20:00	15.07	16.39	17.46	21.36	27.58	0.70	1.24	1.32	0.52	2.29	18.29	21.79	40.12	2.48	
21:00	14.26	15.40	16.42	19.40	24.18	1.06	1.13	1.28	0.51	2.24	14.17	17.58	39.64	2.19	
22:00	16.14	17.25	18.21	20.89	24.13	1.28	1.32	1.26	0.54	2.20	18.87	22.22	33.23	2.21	
23:00	15.46	16.39	17.20	18.83	20.52	0.82	1.19	1.25	0.52	1.12	13.28	14.98	37.87	1.77	
24:00	31.37	33.63	35.21	40.10	45.49	2.73	3.32	1.61	0.78	5.47	28.28	36.65	26.83	2.12	
<b>Min</b>	<b>4.46</b>	<b>4.79</b>	<b>5.14</b>	<b>5.57</b>	<b>5.91</b>	<b>0.40</b>	<b>0.47</b>	<b>0.96</b>	<b>0.43</b>	<b>0.54</b>	<b>0.82</b>	<b>1.99</b>	<b>19.95</b>	<b>1.19</b>	
<b>Max</b>	<b>31.37</b>	<b>33.63</b>	<b>35.21</b>	<b>40.10</b>	<b>53.39</b>	<b>2.73</b>	<b>3.49</b>	<b>1.68</b>	<b>0.78</b>	<b>28.64</b>	<b>28.28</b>	<b>67.88</b>	<b>61.67</b>	<b>4.15</b>	
<b>Medie</b>	<b>13.24</b>	<b>14.59</b>	<b>15.83</b>	<b>19.55</b>	<b>24.55</b>	<b>0.95</b>	<b>1.29</b>	<b>1.22</b>	<b>0.52</b>	<b>8.53</b>	<b>16.56</b>	<b>29.59</b>	<b>40.43</b>	<b>2.11</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)	2
Particule in suspensie (PM10)	1

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 - analizorul GaseraOne - se află în mentenanță