

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
11 NOIEMBRIE 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/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>
1:00	14.66	15.15	15.47	16.07	16.57	0.86	1.04	n/a	0.54	2.39	12.41	16.07	33.15	3.87	0.004
2:00	15.40	16.05	16.42	17.58	19.08	0.88	1.09	n/a	0.54	2.09	14.31	17.50	30.92	4.00	
3:00	17.02	17.73	18.13	19.02	20.02	0.80	n/a	n/a	0.54	1.98	14.82	17.84	30.31	3.81	
4:00	16.27	16.91	17.25	18.08	18.74	0.88	1.15	n/a	0.54	2.42	12.95	16.64	29.58	3.94	
5:00	12.66	13.09	13.33	13.69	14.00	0.75	0.95	0.66	0.53	2.07	10.12	13.29	31.57	3.78	
6:00	12.80	13.60	14.20	16.25	18.52	0.74	0.94	n/a	0.52	2.33	15.83	19.39	28.64	3.92	
7:00	17.15	18.75	20.13	23.66	27.57	0.86	1.12	n/a	0.54	4.85	26.95	34.36	22.80	3.82	
8:00	13.98	14.44	14.71	15.47	17.00	0.80	1.07	n/a	0.53	2.96	18.85	23.36	26.67	3.85	
9:00	12.28	12.68	12.97	13.60	14.50	0.76	1.08	n/a	0.54	5.95	20.75	29.84	26.36	3.96	
10:00	10.84	11.40	11.86	13.72	16.76	0.83	1.32	n/a	0.54	8.45	19.80	32.71	27.28	3.87	
11:00	9.84	10.49	10.96	14.09	19.24	1.10	1.03	n/a	0.54	5.75	14.07	22.86	30.26	3.86	
12:00	10.23	10.88	11.37	13.56	16.51	0.75	0.95	n/a	0.53	7.47	14.46	25.88	30.10	3.91	
13:00	10.85	11.58	12.17	14.86	19.71	0.84	1.13	0.88	0.52	4.42	10.57	17.31	34.73	3.91	
14:00	11.55	12.28	12.88	15.34	19.83	0.72	0.85	n/a	0.53	5.72	13.32	22.06	32.76	3.89	
15:00	14.14	14.88	15.36	17.74	21.46	0.89	1.19	n/a	0.55	4.65	11.22	18.34	37.40	4.10	
16:00	17.91	19.57	20.87	27.22	39.49	1.17	1.66	1.02	0.58	8.88	16.71	30.27	31.57	3.48	
17:00	16.97	18.59	20.19	25.04	31.54	1.18	1.69	1.29	0.60	11.66	25.00	42.82	26.93	3.06	
18:00	24.72	27.48	29.96	39.64	53.47	2.18	4.15	2.23	0.73	20.08	35.75	66.44	19.91	2.85	
19:00	18.05	19.37	20.63	24.32	29.36	1.02	1.36	1.09	0.57	7.50	24.21	35.66	28.73	2.85	
20:00	18.39	19.30	20.01	21.76	24.13	1.30	1.28	n/a	0.57	5.58	20.86	29.38	31.15	3.73	
21:00	18.71	19.57	20.15	21.68	23.23	1.07	1.35	n/a	0.56	3.95	19.44	25.47	30.40	3.78	
22:00	16.91	17.51	17.90	18.71	19.46	0.97	1.26	n/a	0.54	4.04	19.02	25.20	29.28	3.85	
23:00	14.67	15.07	15.27	15.75	16.70	0.83	0.94	0.79	0.54	2.48	13.43	17.23	31.85	3.92	
24:00	13.77	14.12	14.32	14.60	15.05	0.95	1.47	n/a	0.53	2.43	14.59	18.30	30.06	3.81	
<b>Min</b>	<b>9.84</b>	<b>10.49</b>	<b>10.96</b>	<b>13.56</b>	<b>14.00</b>	<b>0.72</b>	<b>0.85</b>	<b>0.66</b>	<b>0.52</b>	<b>1.98</b>	<b>10.12</b>	<b>13.29</b>	<b>19.91</b>	<b>2.85</b>	
<b>Max</b>	<b>24.72</b>	<b>27.48</b>	<b>29.96</b>	<b>39.64</b>	<b>53.47</b>	<b>2.18</b>	<b>4.15</b>	<b>2.23</b>	<b>0.73</b>	<b>20.08</b>	<b>35.75</b>	<b>66.44</b>	<b>37.40</b>	<b>4.10</b>	
<b>Medie</b>	<b>14.99</b>	<b>15.85</b>	<b>16.52</b>	<b>18.81</b>	<b>22.16</b>	<b>0.96</b>	<b>1.31</b>	<b>1.14</b>	<b>0.55</b>	<b>5.42</b>	<b>17.48</b>	<b>25.76</b>	<b>29.68</b>	<b>3.74</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)	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