

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
17 IANUARIE 2022**



**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	107.19	112.36	114.73	119.67	127.09	3.06	2.58	n/a	2.12	8.82	25.52	38.99	17.63	10.58	0.005
2:00	73.14	76.18	77.64	79.79	83.89	3.62	2.34	n/a	1.60	7.99	24.64	36.86	17.86	7.92	
3:00	78.31	82.76	85.34	93.66	108.46	3.22	2.24	n/a	1.55	11.41	26.12	43.55	19.64	8.41	
4:00	37.82	39.41	40.16	41.21	42.76	1.77	0.88	n/a	1.01	8.89	23.65	37.24	37.06	5.43	
5:00	49.86	52.72	54.41	60.24	68.38	2.02	1.33	n/a	1.14	5.53	20.96	29.42	24.11	6.89	
6:00	48.71	52.01	54.40	59.06	67.04	1.51	0.88	n/a	1.09	6.28	22.10	31.69	20.79	7.75	
7:00	30.92	32.39	33.28	34.88	37.40	0.68	n/a	n/a	0.90	4.95	20.58	28.14	43.44	6.05	
8:00	17.98	19.09	19.63	22.25	27.16	0.68	n/a	n/a	0.77	2.68	16.07	20.17	55.72	8.14	
9:00	25.77	27.09	27.72	30.31	34.24	0.80	n/a	n/a	0.84	2.13	12.64	15.89	46.14	6.94	
10:00	26.29	27.68	28.52	30.25	33.11	0.76	n/a	n/a	0.84	2.23	11.33	14.75	43.48	5.89	
11:00	27.26	28.43	29.05	29.51	30.05	0.91	0.60	n/a	0.86	2.16	10.80	14.10	39.60	5.41	
12:00	30.27	31.39	31.95	32.39	32.78	0.91	0.78	n/a	0.88	2.21	10.36	13.73	37.46	5.52	
13:00	32.54	33.81	34.33	35.18	36.08	0.98	0.89	n/a	0.90	2.44	10.58	14.31	36.58	5.47	
14:00	33.99	35.26	35.74	36.83	39.12	0.92	0.96	n/a	0.90	2.51	11.22	15.06	35.55	5.31	
15:00	28.27	29.28	29.64	30.36	31.14	0.91	1.13	n/a	0.88	2.36	11.48	15.09	39.58	5.31	
16:00	24.65	25.57	25.93	26.84	28.21	0.68	0.75	n/a	0.84	2.42	12.20	15.88	44.61	5.36	
17:00	22.09	22.90	23.33	24.33	26.03	0.67	0.67	n/a	0.82	2.00	11.33	14.40	51.71	4.92	
18:00	19.80	20.50	20.84	21.61	22.83	0.55	n/a	n/a	0.78	1.92	10.67	13.60	55.17	4.92	
19:00	13.93	14.31	14.48	14.77	15.67	0.51	n/a	n/a	0.77	1.92	10.08	13.01	57.38	4.72	
20:00	8.48	8.65	8.75	8.77	8.80	0.39	n/a	n/a	0.75	1.90	8.88	11.78	60.45	4.64	
21:00	9.43	9.60	9.67	9.83	9.96	0.55	n/a	n/a	0.79	1.83	8.80	11.60	58.36	5.14	
22:00	9.82	9.98	10.08	10.12	10.43	0.73	n/a	n/a	0.81	1.92	9.09	12.03	55.30	5.26	
23:00	13.21	13.50	13.66	13.90	14.08	0.59	n/a	n/a	0.82	2.00	8.87	11.92	52.50	4.93	
24:00	9.45	10.17	10.74	12.23	14.96	n/a	n/a	n/a	0.74	2.25	9.03	12.46	54.62	4.70	
<b>Min</b>	<b>8.48</b>	<b>8.65</b>	<b>8.75</b>	<b>8.77</b>	<b>8.80</b>	<b>0.39</b>	<b>0.60</b>	<b>0.00</b>	<b>0.74</b>	<b>1.83</b>	<b>8.80</b>	<b>11.60</b>	<b>17.63</b>	<b>4.64</b>	
<b>Max</b>	<b>107.19</b>	<b>112.36</b>	<b>114.73</b>	<b>119.67</b>	<b>127.09</b>	<b>3.62</b>	<b>2.58</b>	<b>0.00</b>	<b>2.12</b>	<b>11.41</b>	<b>26.12</b>	<b>43.55</b>	<b>60.45</b>	<b>10.58</b>	
<b>Medie</b>	<b>32.47</b>	<b>33.96</b>	<b>34.75</b>	<b>36.58</b>	<b>39.57</b>	<b>1.19</b>	<b>1.23</b>	<b>#DIV/0!</b>	<b>0.98</b>	<b>3.78</b>	<b>14.46</b>	<b>20.24</b>	<b>41.86</b>	<b>6.07</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)	2
Particule in suspensie (PM10)	2

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