

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
18 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	4.40	4.99	5.40	6.82	8.99	n/a	n/a	n/a	0.70	2.16	9.39	12.69	63.23	4.28	0.004
2:00	4.88	5.41	5.76	6.17	7.03	n/a	n/a	n/a	0.68	2.07	8.15	11.32	65.87	4.44	
3:00	3.01	3.55	3.86	5.09	6.68	n/a	n/a	n/a	0.64	1.99	7.37	10.40	67.71	4.44	
4:00	3.37	3.85	4.17	4.91	7.34	n/a	n/a	n/a	0.65	2.03	7.14	10.25	65.36	4.17	
5:00	4.27	4.69	4.95	5.18	5.82	n/a	n/a	n/a	0.65	2.01	6.59	9.65	64.84	4.25	
6:00	4.72	5.29	5.62	6.57	7.96	n/a	n/a	n/a	0.65	1.74	6.52	9.17	65.32	4.22	
7:00	4.26	4.81	5.19	5.54	6.17	n/a	n/a	n/a	0.66	1.85	6.12	8.93	64.67	4.18	
8:00	4.63	5.23	5.58	6.51	7.52	0.32	n/a	n/a	0.68	1.86	6.53	9.35	63.43	4.22	
9:00	5.17	5.80	6.16	6.99	8.59	0.32	n/a	n/a	0.71	1.78	7.51	10.21	61.51	4.32	
10:00	6.90	7.69	8.21	9.24	10.80	0.68	n/a	n/a	0.72	1.87	8.28	11.13	61.80	4.57	
11:00	8.58	9.42	9.98	11.18	12.30	0.40	n/a	n/a	0.73	1.86	8.15	10.98	61.15	4.82	
12:00	9.15	10.04	10.59	11.75	13.35	0.38	n/a	n/a	0.74	1.85	8.36	11.18	61.21	4.79	
13:00	7.29	8.09	8.54	9.50	11.08	0.27	n/a	n/a	0.70	1.86	8.51	11.36	62.22	4.73	
14:00	6.78	7.61	8.14	8.90	9.74	0.22	n/a	n/a	0.68	1.76	8.31	11.00	63.56	4.77	
15:00	6.67	7.54	8.05	9.29	10.98	0.00	n/a	n/a	0.70	1.85	8.07	10.89	64.31	4.82	
16:00	6.57	7.55	8.12	10.10	12.57	0.35	n/a	n/a	0.69	1.83	7.83	10.63	67.82	4.79	
17:00	6.75	7.74	8.33	9.70	11.47	0.31	n/a	n/a	0.71	1.88	7.52	10.39	68.27	4.73	
18:00	6.69	7.86	8.61	11.64	15.95	0.39	n/a	n/a	0.72	1.84	8.24	11.05	58.64	4.71	
19:00	10.98	12.08	12.78	14.43	16.65	0.81	0.62	n/a	0.82	2.12	9.66	12.92	59.60	5.06	
20:00	9.98	10.99	11.67	12.87	14.78	0.58	n/a	n/a	0.77	2.05	9.47	12.60	62.19	4.79	
21:00	11.69	12.78	13.40	14.36	16.19	0.55	n/a	n/a	0.78	1.92	8.99	11.92	60.19	4.85	
22:00	14.56	15.77	16.49	17.17	17.94	0.70	n/a	n/a	0.80	1.84	8.77	11.57	57.50	4.83	
23:00	13.25	14.51	15.23	16.18	17.60	0.43	n/a	n/a	0.76	1.87	8.37	11.24	58.24	4.68	
24:00	12.13	13.32	13.93	15.02	16.39	0.47	1.95	n/a	0.74	1.82	7.83	10.62	60.00	4.58	
<b>Min</b>	<b>3.01</b>	<b>3.55</b>	<b>3.86</b>	<b>4.91</b>	<b>5.82</b>	<b>0.00</b>	<b>0.62</b>	<b>0.00</b>	<b>0.64</b>	<b>1.74</b>	<b>6.12</b>	<b>8.93</b>	<b>57.50</b>	<b>4.17</b>	
<b>Max</b>	<b>14.56</b>	<b>15.77</b>	<b>16.49</b>	<b>17.17</b>	<b>17.94</b>	<b>0.81</b>	<b>1.95</b>	<b>0.00</b>	<b>0.82</b>	<b>2.16</b>	<b>9.66</b>	<b>12.92</b>	<b>68.27</b>	<b>5.06</b>	
<b>Medie</b>	<b>7.36</b>	<b>8.19</b>	<b>8.70</b>	<b>9.80</b>	<b>11.41</b>	<b>0.42</b>	<b>1.29</b>	<b>#DIV/0!</b>	<b>0.71</b>	<b>1.90</b>	<b>7.99</b>	<b>10.89</b>	<b>62.86</b>	<b>4.59</b>	

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

Particule in suspensie (PM2,5)	1
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