

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
27 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	25.00	25.87	26.33	27.32	29.43	0.83	n/a	n/a	0.86	2.02	8.64	11.73	50.53	5.32	0.005
2:00	20.67	21.39	21.72	22.28	22.85	0.64	n/a	n/a	0.81	1.91	8.25	11.16	51.49	4.60	
3:00	27.79	28.75	29.22	29.70	30.26	1.13	0.69	n/a	0.89	2.05	8.26	11.39	43.80	5.34	
4:00	23.78	24.77	25.27	26.47	28.73	0.62	n/a	n/a	0.82	1.99	9.19	12.22	45.06	4.86	
5:00	17.21	17.78	18.03	18.46	19.37	0.64	n/a	n/a	0.79	2.09	8.19	11.37	46.46	5.08	
6:00	16.63	17.23	17.45	17.84	18.76	0.60	0.58	n/a	0.79	2.01	7.86	10.92	43.62	5.54	
7:00	24.76	25.85	26.34	26.60	27.10	0.87	n/a	n/a	0.85	1.87	7.94	10.80	44.49	5.25	
8:00	31.22	32.65	33.34	33.76	34.92	1.00	0.66	n/a	0.89	2.05	7.97	11.10	44.93	6.02	
9:00	32.13	33.57	34.20	35.13	37.43	1.21	0.92	n/a	0.94	2.05	8.99	12.12	42.12	5.43	
10:00	35.32	37.13	37.75	38.24	39.58	1.23	1.74	n/a	0.97	2.34	9.71	13.28	39.35	5.38	
11:00	36.04	38.31	39.05	40.99	44.22	1.30	8.02	2.07	0.98	2.28	10.08	13.56	36.15	5.34	
12:00	38.01	40.60	41.47	42.98	45.26	1.36	1.32	n/a	0.99	2.52	10.20	14.05	32.88	5.07	
13:00	36.54	39.06	40.00	41.14	43.20	1.49	2.08	n/a	0.96	2.74	10.68	14.86	36.78	5.14	
14:00	33.31	35.98	36.98	38.88	42.07	1.27	1.12	n/a	0.93	2.52	11.07	14.92	39.93	4.63	
15:00	30.68	33.22	34.21	35.92	39.51	0.88	0.84	n/a	0.87	2.34	10.67	14.25	42.64	4.86	
16:00	29.36	31.62	32.56	34.06	36.12	0.87	0.65	n/a	0.83	2.32	10.56	14.11	44.71	5.14	
17:00	24.91	26.65	27.44	28.29	29.45	0.58	n/a	n/a	0.79	2.37	10.03	13.65	47.56	4.75	
18:00	23.29	24.88	25.86	26.84	27.80	0.62	0.68	0.82	0.81	2.23	9.91	13.31	47.09	4.77	
19:00	23.89	25.43	26.45	27.33	28.29	0.61	n/a	n/a	0.80	2.28	9.91	13.39	48.07	5.14	
20:00	21.23	22.45	23.24	24.06	24.84	0.57	n/a	n/a	0.78	2.13	9.73	12.97	51.01	4.53	
21:00	21.69	22.86	23.71	24.18	24.85	0.64	n/a	n/a	0.79	2.19	9.23	12.58	50.61	4.24	
22:00	23.62	24.78	25.62	26.12	26.79	0.86	n/a	n/a	0.85	2.18	9.19	12.52	50.00	4.29	
23:00	25.11	26.40	27.32	27.73	28.11	0.70	n/a	n/a	0.87	2.21	9.14	12.53	47.58	4.28	
24:00	26.38	27.84	28.94	29.76	30.50	0.73	1.35	1.37	0.83	2.25	9.21	12.66	47.46	4.48	
<b>Min</b>	<b>16.63</b>	<b>17.23</b>	<b>17.45</b>	<b>17.84</b>	<b>18.76</b>	<b>0.57</b>	<b>0.58</b>	<b>0.82</b>	<b>0.78</b>	<b>1.87</b>	<b>7.86</b>	<b>10.80</b>	<b>32.88</b>	<b>4.24</b>	
<b>Max</b>	<b>38.01</b>	<b>40.60</b>	<b>41.47</b>	<b>42.98</b>	<b>45.26</b>	<b>1.49</b>	<b>8.02</b>	<b>2.07</b>	<b>0.99</b>	<b>2.74</b>	<b>11.07</b>	<b>14.92</b>	<b>51.49</b>	<b>6.02</b>	
<b>Medie</b>	<b>27.02</b>	<b>28.54</b>	<b>29.27</b>	<b>30.17</b>	<b>31.64</b>	<b>0.89</b>	<b>1.59</b>	<b>1.42</b>	<b>0.86</b>	<b>2.21</b>	<b>9.36</b>	<b>12.73</b>	<b>44.76</b>	<b>4.98</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