

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
08 IANUARIE 2021**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE - Kogalniceanu, nr. 114 A**

**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	108.77	110.61	111.70	114.10	117.20	6.96	4.30	1.32	0.88	15.95	34.16	58.53	1.18	13.63	*N/A
2:00	47.02	48.14	48.83	50.68	53.14	1.80	1.53	0.79	0.81	12.77	29.70	49.23	5.78	14.13	
3:00	19.25	19.72	20.13	20.84	21.96	1.15	1.02	0.76	0.79	3.11	16.64	21.39	17.18	12.83	
4:00	29.08	29.69	30.11	31.01	31.97	1.86	1.42	0.83	0.80	3.55	18.15	23.58	14.60	13.22	
5:00	24.16	24.68	25.09	25.98	27.00	2.81	1.62	0.99	0.79	2.88	12.91	17.31	16.43	12.23	
6:00	21.81	22.46	22.98	24.20	26.03	1.89	1.78	0.92	0.80	4.19	17.66	24.07	11.72	12.04	
7:00	26.12	27.10	27.90	28.90	29.85	3.53	1.99	0.88	0.80	5.11	20.27	28.07	10.26	12.29	
8:00	26.60	27.87	29.01	31.85	35.16	4.24	1.81	0.93	0.79	3.95	20.15	26.19	11.30	12.25	
9:00	28.48	29.56	30.53	34.08	37.80	2.36	2.07	1.01	0.80	13.47	29.79	50.37	4.03	13.14	
10:00	33.53	34.85	36.09	39.80	44.60	2.73	1.94	0.91	0.80	9.20	25.06	39.12	5.21	13.74	
11:00	32.43	33.56	34.50	36.99	40.42	2.31	1.80	0.69	0.80	9.44	23.27	37.70	6.99	13.03	
12:00	33.30	34.34	35.11	36.81	38.62	3.02	n/a	n/a	0.81	5.80	16.86	25.72	12.34	11.79	
13:00	28.88	29.80	30.55	32.01	33.62	1.77	1.95	0.78	0.81	5.79	17.08	25.94	13.98	11.62	
14:00	25.59	26.37	27.10	28.33	29.54	1.73	1.82	0.90	0.80	7.82	20.69	32.64	11.17	11.86	
15:00	48.02	49.25	50.12	51.36	52.50	2.36	2.06	0.96	0.82	12.68	29.12	48.49	8.57	12.27	
16:00	45.71	47.01	47.90	48.62	49.26	4.60	5.19	1.87	0.82	19.63	34.06	64.04	3.08	12.00	
17:00	35.65	37.12	37.98	39.45	40.81	3.40	2.48	1.50	0.81	10.87	31.70	48.31	4.93	11.61	
18:00	53.87	55.03	55.75	56.49	57.59	4.95	3.84	1.55	0.83	18.94	34.93	63.87	3.40	12.25	
19:00	37.65	38.57	39.09	39.81	40.55	3.46	3.45	1.19	0.81	6.02	24.35	33.54	8.77	11.49	
20:00	35.46	36.78	37.69	38.55	39.54	4.47	3.69	1.38	0.82	6.50	28.15	38.07	6.45	11.42	
21:00	48.08	49.42	50.41	51.19	52.23	4.86	3.28	1.33	0.82	11.49	35.75	53.32	3.26	12.53	
22:00	56.20	57.32	58.01	58.48	58.83	5.59	2.91	1.11	0.83	7.35	26.90	38.12	7.11	11.94	
23:00	67.81	69.32	70.21	71.97	73.88	4.34	2.70	1.08	0.84	11.68	31.44	49.30	4.61	12.13	
24:00	40.72	41.92	42.82	44.07	45.08	3.82	2.80	1.33	0.83	18.74	33.33	61.97	1.25	11.78	
<b>Min</b>	<b>19.25</b>	<b>19.72</b>	<b>20.13</b>	<b>20.84</b>	<b>21.96</b>	<b>1.15</b>	<b>1.02</b>	<b>0.69</b>	<b>0.79</b>	<b>2.88</b>	<b>12.91</b>	<b>17.31</b>	<b>1.18</b>	<b>11.42</b>	
<b>Max</b>	<b>108.77</b>	<b>110.61</b>	<b>111.70</b>	<b>114.10</b>	<b>117.20</b>	<b>6.96</b>	<b>5.19</b>	<b>1.87</b>	<b>0.88</b>	<b>19.63</b>	<b>35.75</b>	<b>64.04</b>	<b>17.18</b>	<b>14.13</b>	

Medie	39.76	40.85	41.65	43.15	44.88	3.33	2.50	1.09	0.81	9.46	25.51	39.95	8.07	12.38
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**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)	1
Particule in suspensie (PM10)	3

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

\*N/A lipsa date analizor formaldehida