

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
06 APRILIE 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	56.07	59.28	61.60	67.93	75.39	3.61	2.86	n/a	0.81	3.83	21.63	27.48	26.22	14.62	0.002
2:00	30.63	32.14	33.32	36.83	41.17	2.14	1.58	n/a	0.82	3.12	23.34	28.10	21.87	13.45	
3:00	29.79	31.42	32.89	35.57	38.81	2.03	1.55	0.69	0.74	4.22	27.77	34.22	13.26	13.80	
4:00	24.05	25.50	26.80	29.50	32.21	1.49	1.28	0.48	0.71	3.74	22.92	28.64	16.20	14.26	
5:00	21.65	23.06	24.41	26.82	29.18	1.40	1.27	0.55	0.71	3.59	23.73	29.21	15.73	13.84	
6:00	19.03	20.26	21.51	23.96	26.69	1.19	1.28	0.57	0.71	7.60	27.08	38.69	11.84	14.48	
7:00	19.05	20.34	21.46	25.60	31.22	1.45	1.50	n/a	0.71	8.49	31.12	44.08	6.54	14.16	
8:00	24.38	26.06	27.71	33.31	40.22	2.66	1.95	0.67	0.71	10.22	28.50	44.13	11.15	14.42	
9:00	23.52	25.45	27.16	34.96	45.44	2.79	2.16	0.88	0.72	21.82	32.29	65.64	12.10	15.28	
10:00	36.03	39.73	42.57	61.06	90.73	3.41	2.80	n/a	0.72	45.44	42.71	112.15	9.31	17.10	
11:00	34.24	37.87	40.90	55.72	75.86	1.04	1.73	0.43	0.75	20.56	31.35	62.76	30.04	16.14	
12:00	10.79	11.56	12.28	15.27	19.97	0.49	0.65	n/a	0.78	2.77	8.79	13.02	61.07	14.21	
13:00	9.65	10.82	11.85	17.72	28.53	0.46	0.53	0.53	0.76	2.61	7.19	11.18	66.61	15.43	
14:00	7.67	9.19	10.50	18.48	31.29	0.39	0.55	0.41	0.80	2.33	6.14	9.70	71.74	16.09	
15:00	7.99	9.27	10.47	16.04	25.47	0.40	0.53	n/a	0.82	2.55	7.46	11.36	69.05	15.90	
16:00	10.19	11.42	12.57	17.56	25.41	0.48	0.60	n/a	0.82	2.70	8.07	12.20	64.29	16.76	
17:00	12.58	14.12	15.54	22.26	33.15	0.54	1.10	n/a	0.82	2.83	7.96	12.28	60.88	16.21	
18:00	10.28	11.63	12.82	18.70	27.48	0.30	n/a	n/a	0.82	2.23	6.69	10.09	67.90	14.81	
19:00	12.00	13.52	14.97	21.56	30.46	0.46	0.51	n/a	0.82	2.85	7.92	12.26	62.67	13.63	
20:00	9.57	10.56	11.40	15.62	21.38	0.50	0.38	n/a	0.79	3.09	9.61	14.34	53.07	13.28	
21:00	8.94	9.90	10.81	14.34	18.66	0.93	0.65	n/a	0.79	3.50	10.52	15.88	45.73	12.90	
22:00	6.89	7.59	8.30	10.26	12.82	0.56	0.50	n/a	0.83	2.92	10.22	14.69	45.09	12.67	
23:00	7.02	7.44	7.75	9.09	11.12	0.63	0.61	n/a	0.82	2.59	7.06	11.02	47.91	12.68	
24:00	5.76	6.18	6.58	7.53	8.66	0.45	0.52	n/a	0.72	3.15	9.95	14.76	50.18	13.88	
<b>Min</b>	<b>5.76</b>	<b>6.18</b>	<b>6.58</b>	<b>7.53</b>	<b>8.66</b>	<b>0.30</b>	<b>0.38</b>	<b>0.41</b>	<b>0.71</b>	<b>2.23</b>	<b>6.14</b>	<b>9.70</b>	<b>6.54</b>	<b>12.67</b>	
<b>Max</b>	<b>56.07</b>	<b>59.28</b>	<b>61.60</b>	<b>67.93</b>	<b>90.73</b>	<b>3.61</b>	<b>2.86</b>	<b>0.88</b>	<b>0.83</b>	<b>45.44</b>	<b>42.71</b>	<b>112.15</b>	<b>71.74</b>	<b>17.10</b>	
<b>Medie</b>	<b>18.24</b>	<b>19.76</b>	<b>21.09</b>	<b>26.49</b>	<b>34.22</b>	<b>1.24</b>	<b>1.18</b>	<b>0.58</b>	<b>0.77</b>	<b>7.03</b>	<b>17.50</b>	<b>28.25</b>	<b>39.19</b>	<b>14.58</b>	

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

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	2
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	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