

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
19 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	9.01	9.61	10.20	11.01	11.89	0.51	0.69	n/a	0.78	3.12	10.05	14.82	57.37	14.23	0.002
2:00	9.84	10.38	10.87	11.51	12.31	0.54	0.38	n/a	0.80	2.38	8.02	11.65	54.67	13.95	
3:00	12.12	12.67	13.24	13.58	13.91	0.64	0.56	n/a	0.81	2.19	7.03	10.37	49.75	13.86	
4:00	9.24	9.77	10.33	11.17	12.06	0.52	0.50	n/a	0.81	2.27	12.34	15.80	48.10	13.95	
5:00	8.20	8.77	9.31	10.57	12.08	0.51	n/a	n/a	0.81	2.99	13.95	18.52	46.98	13.88	
6:00	7.83	8.15	8.48	8.98	9.67	0.47	0.59	n/a	0.82	2.78	10.61	14.85	50.70	13.61	
7:00	7.92	8.44	8.96	9.34	10.02	0.63	0.81	n/a	0.84	3.83	21.31	27.17	41.01	13.85	
8:00	9.90	10.53	11.15	12.09	13.60	0.67	0.87	n/a	0.85	3.00	11.86	16.44	41.93	13.49	
9:00	9.49	10.32	11.22	12.61	14.15	1.20	10.34	n/a	0.85	4.06	13.27	19.46	41.15	13.31	
10:00	6.88	7.91	8.98	11.18	13.96	0.80	3.74	n/a	0.85	3.65	11.83	17.40	52.87	13.87	
11:00	6.51	7.25	7.99	10.04	12.70	0.42	1.67	n/a	0.84	3.61	7.72	13.25	58.51	14.53	
12:00	6.47	7.06	7.62	8.79	10.88	0.45	2.00	1.50	0.80	2.99	5.92	10.48	61.12	14.89	
13:00	7.27	7.81	8.24	9.19	11.16	0.47	0.66	0.69	0.77	2.78	5.81	10.06	62.22	14.92	
14:00	7.30	7.97	8.57	9.86	12.38	0.35	0.53	0.45	0.81	4.62	10.84	17.90	61.46	15.64	
15:00	5.83	6.38	6.85	8.71	11.80	0.36	0.55	0.50	0.85	2.37	6.89	10.51	63.18	13.29	
16:00	7.60	8.31	8.91	11.67	16.79	0.43	0.62	n/a	0.86	3.55	9.08	14.50	59.65	13.29	
17:00	10.00	10.73	11.39	13.52	17.52	0.52	0.72	n/a	0.85	3.23	10.21	15.14	57.44	14.07	
18:00	10.32	11.28	12.11	15.78	20.68	0.45	0.65	n/a	0.78	3.48	10.36	15.67	57.74	14.35	
19:00	11.37	12.07	12.70	14.78	17.81	0.66	1.42	n/a	0.79	3.05	9.11	13.76	59.62	13.72	
20:00	13.26	14.07	14.88	16.18	17.46	1.06	1.75	n/a	0.81	3.03	11.73	16.37	55.85	13.63	
21:00	18.05	19.07	20.05	21.87	24.92	1.52	1.68	n/a	0.78	4.07	19.00	25.22	46.35	14.40	
22:00	29.11	30.52	31.79	34.12	37.00	3.06	2.02	n/a	0.76	3.69	26.75	32.38	36.28	15.54	
23:00	27.43	28.45	29.43	31.64	34.18	3.17	2.28	n/a	0.76	3.49	18.78	24.11	37.43	14.84	
24:00	16.53	17.46	18.45	20.53	23.28	1.39	1.70	n/a	0.75	3.13	18.11	22.89	31.58	14.55	
<b>Min</b>	<b>5.83</b>	<b>6.38</b>	<b>6.85</b>	<b>8.71</b>	<b>9.67</b>	<b>0.35</b>	<b>0.38</b>	<b>0.45</b>	<b>0.75</b>	<b>2.19</b>	<b>5.81</b>	<b>10.06</b>	<b>31.58</b>	<b>13.29</b>	
<b>Max</b>	<b>29.11</b>	<b>30.52</b>	<b>31.79</b>	<b>34.12</b>	<b>37.00</b>	<b>3.17</b>	<b>10.34</b>	<b>1.50</b>	<b>0.86</b>	<b>4.62</b>	<b>26.75</b>	<b>32.38</b>	<b>63.18</b>	<b>15.64</b>	
<b>Medie</b>	<b>11.15</b>	<b>11.87</b>	<b>12.57</b>	<b>14.11</b>	<b>16.34</b>	<b>0.87</b>	<b>1.60</b>	<b>0.79</b>	<b>0.81</b>	<b>3.22</b>	<b>12.11</b>	<b>17.03</b>	<b>51.37</b>	<b>14.15</b>	

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

Particule in suspensie (PM2,5)	2
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