

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
09 SEPTEMBRIE 2022**



**DATE CALITATE AER MUNICIPIUL SEBES -**

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

**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/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>
1:00	13.40	15.84	18.60	27.53	37.33	0.34	2.05	6.32	0.21	15.00	34.95	57.86	25.28	7.61	0.005
2:00	12.41	14.39	16.74	23.71	32.72	0.36	2.34	7.38	0.19	1.50	16.46	18.73	39.82	7.39	
3:00	12.59	14.91	17.65	24.93	32.39	0.30	2.85	8.08	0.19	1.31	15.84	17.84	30.10	7.35	
4:00	49.54	52.29	55.22	62.10	70.49	0.47	2.05	7.18	0.19	2.13	23.14	26.36	20.58	7.35	
5:00	15.87	17.65	19.66	24.93	31.75	0.40	1.69	7.56	0.17	10.44	28.46	44.39	15.89	7.57	
6:00	14.46	16.71	19.38	26.18	35.69	0.29	2.00	7.74	0.18	21.97	29.25	62.83	13.24	7.56	
7:00	16.04	18.94	22.19	30.57	41.98	0.31	2.38	8.60	0.21	23.22	32.46	67.93	13.80	7.81	
8:00	18.14	21.23	24.78	31.69	40.30	0.31	2.00	7.56	0.23	28.11	37.71	80.68	13.63	7.84	
9:00	20.69	24.25	28.02	39.35	56.05	0.37	4.05	8.30	0.25	24.64	37.42	75.06	17.26	7.92	
10:00	17.94	20.75	23.75	32.35	44.59	0.47	2.53	8.53	0.23	13.13	27.65	47.70	27.63	7.81	
11:00	15.80	17.82	20.15	25.24	30.80	0.27	0.86	7.34	0.19	5.53	17.95	26.40	46.82	7.75	
12:00	15.33	17.77	20.72	28.39	38.33	0.36	1.08	7.24	0.20	7.67	20.76	32.50	43.32	7.74	
13:00	14.52	16.73	19.29	25.80	34.01	0.24	1.03	7.18	0.20	3.32	16.97	21.98	59.13	7.69	
14:00	13.58	15.54	18.02	21.71	25.88	0.23	4.19	8.06	0.19	2.58	12.74	16.64	71.53	7.62	
15:00	12.16	13.87	15.98	19.08	22.41	0.24	4.36	8.28	0.19	2.55	13.32	17.18	78.33	7.69	
16:00	11.14	12.93	14.90	19.07	23.76	0.25	0.97	6.84	0.19	1.39	8.95	11.02	96.06	7.75	
17:00	11.64	13.38	15.38	19.19	24.87	0.23	n/a	n/a	0.19	1.98	9.35	12.34	99.03	7.96	
18:00	14.85	16.74	18.94	23.13	28.27	0.32	0.62	6.67	0.20	1.85	12.02	14.79	91.43	8.05	
19:00	15.89	17.96	20.21	25.77	32.56	0.39	0.80	6.60	0.20	1.74	15.06	17.71	80.90	7.93	
20:00	13.23	15.38	17.81	23.22	30.82	0.25	0.88	6.32	0.21	1.39	16.12	18.23	73.78	7.82	
21:00	18.81	21.79	24.95	31.27	38.37	0.52	1.49	6.35	0.31	1.89	33.85	36.70	48.13	7.77	
22:00	21.91	25.11	28.55	35.29	42.27	0.59	2.00	6.26	0.33	4.33	47.51	54.10	23.14	7.67	
23:00	19.96	23.14	26.74	33.85	41.60	0.66	2.49	6.62	0.31	10.15	38.58	54.07	17.47	7.73	
24:00	20.97	23.99	27.42	34.18	43.86	0.73	3.52	6.93	0.33	9.30	28.77	42.96	15.73	7.79	
<b>Min</b>	<b>11.14</b>	<b>12.93</b>	<b>14.90</b>	<b>19.07</b>	<b>22.41</b>	<b>0.23</b>	<b>0.62</b>	<b>6.26</b>	<b>0.17</b>	<b>1.31</b>	<b>8.95</b>	<b>11.02</b>	<b>13.24</b>	<b>7.35</b>	
<b>Max</b>	<b>49.54</b>	<b>52.29</b>	<b>55.22</b>	<b>62.10</b>	<b>70.49</b>	<b>0.73</b>	<b>4.36</b>	<b>8.60</b>	<b>0.33</b>	<b>28.11</b>	<b>47.51</b>	<b>80.68</b>	<b>99.03</b>	<b>8.05</b>	
<b>Medie</b>	<b>17.12</b>	<b>19.55</b>	<b>22.29</b>	<b>28.69</b>	<b>36.71</b>	<b>0.37</b>	<b>2.10</b>	<b>7.30</b>	<b>0.22</b>	<b>8.21</b>	<b>23.97</b>	<b>36.50</b>	<b>44.25</b>	<b>7.72</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