

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

21 FEBRUARIE 2020



## DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE - Amplasament: Str. M. Kogalniceanu nr. 114 A

Valori medii orare

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formal dehid
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	37.91	38.92	39.43	40.36	41.68	0.11	0.31	0.55	0.93	4.86	35.10	42.53	10.92	2.09	0.004
2:00	39.05	40.51	41.49	42.74	45.40	0.13	0.46	0.69	0.92	11.04	37.07	53.94	3.87	2.45	
3:00	27.06	27.87	28.41	28.81	29.52	0.06	0.34	0.58	0.70	6.10	23.16	32.48	8.81	2.59	
4:00	35.64	36.93	37.73	38.74	40.85	0.09	0.34	0.57	1.06	13.02	28.16	48.06	2.93	2.87	
5:00	23.20	24.12	24.71	25.28	25.88	0.05	0.29	0.56	0.65	37.10	35.71	92.40	1.65	3.28	
6:00	22.77	23.47	23.84	24.63	25.62	0.08	0.30	0.57	0.68	46.63	38.23	109.47	1.76	3.38	
7:00	28.51	29.79	30.41	32.08	34.29	0.13	0.37	0.58	0.67	34.90	36.71	90.05	3.02	3.27	
8:00	38.46	42.26	44.36	55.50	73.79	0.19	0.69	0.63	0.70	28.00	35.71	78.49	4.61	3.01	
9:00	24.64	26.29	27.07	29.58	33.61	0.04	0.48	0.61	0.40	7.29	17.84	28.99	26.62	3.83	
10:00	22.43	24.07	24.80	26.60	29.02	0.04	0.45	0.60	0.38	3.66	12.90	18.48	33.90	3.45	
11:00	18.05	19.23	19.86	22.00	25.70	0.03	0.32	0.53	0.42	3.97	12.52	18.59	37.37	2.66	
12:00	20.49	22.07	22.85	25.60	29.31	sld	0.27	0.53	0.43	4.29	13.96	20.51	35.16	2.76	
13:00	17.13	18.47	19.36	22.65	27.24	sld	0.30	0.53	0.32	4.27	13.93	20.45	45.75	4.55	
14:00	13.75	16.37	18.85	28.17	43.29	sld	0.64	0.61	0.31	3.64	16.68	22.24	46.15	5.40	
15:00	9.15	11.49	13.80	21.94	34.58	sld	0.37	0.59	0.27	2.87	15.05	19.44	53.50	14.83	
16:00	6.44	7.64	8.62	12.94	19.11	sld	0.25	0.53	0.25	2.80	16.12	20.40	57.28	3.39	
17:00	8.75	10.02	11.30	14.34	17.64	sld	0.24	0.52	0.28	3.47	21.35	26.64	47.89	13.71	
18:00	11.59	12.66	13.68	15.81	18.70	sld	0.26	0.50	0.34	3.57	23.44	28.89	38.58	16.71	
19:00	15.33	16.59	17.80	20.36	24.78	sld	0.23	0.50	0.37	4.95	29.09	36.65	32.32	13.43	
20:00	11.65	12.50	13.10	14.44	16.83	sld	0.22	0.50	0.36	2.90	20.76	25.19	43.79	9.69	
21:00	12.34	13.29	13.89	16.25	20.30	sld	0.22	0.51	0.33	2.01	18.97	22.05	41.11	7.31	
22:00	12.80	13.62	14.25	15.68	17.55	sld	0.27	0.55	0.28	2.67	16.46	20.53	44.64	15.14	
23:00	9.39	10.10	10.75	12.72	15.34	sld	0.26	0.62	0.26	1.97	12.16	15.17	48.14	9.83	
24:00	5.48	5.99	6.52	8.04	10.62	sld	0.22	0.51	0.28	1.71	13.31	15.92	45.99	11.57	
<b>Min</b>	<b>5.48</b>	<b>5.99</b>	<b>6.52</b>	<b>8.04</b>	<b>10.62</b>	<b>0.03</b>	<b>0.22</b>	<b>0.50</b>	<b>0.25</b>	<b>1.71</b>	<b>12.16</b>	<b>15.17</b>	<b>1.65</b>	<b>2.09</b>	
<b>Max</b>	<b>39.05</b>	<b>42.26</b>	<b>44.36</b>	<b>55.50</b>	<b>73.79</b>	<b>0.19</b>	<b>0.69</b>	<b>0.69</b>	<b>1.06</b>	<b>46.63</b>	<b>38.23</b>	<b>109.47</b>	<b>57.28</b>	<b>16.71</b>	
<b>Medie</b>	<b>19.67</b>	<b>21.01</b>	<b>21.95</b>	<b>24.80</b>	<b>29.19</b>	<b>0.09</b>	<b>0.34</b>	<b>0.56</b>	<b>0.48</b>	<b>9.90</b>	<b>22.68</b>	<b>37.82</b>	<b>29.82</b>	<b>6.72</b>	

**Indice privind calitatea aerului in Municipiul Sebes - Ordin 1095/2007**

Monoxid de Carbon (CO)	1
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Pulberi in suspensie (PM10)	3

1	Excelent
2	Foarte bun
3	Bun
4	Mediu
5	Rau
6	Foarte rau

Indice zilnic general	3
-----------------------	---

sld = sub limita de detectie

\*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