

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

25 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 dehida
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	35.52	37.39	38.64	43.27	49.30	0.07	0.22	0.37	0.84	8.09	41.28	53.64	4.21	3.10	0.007
2:00	27.59	29.11	30.14	33.29	37.61	0.03	0.20	0.35	0.76	17.42	37.59	64.21	3.27	3.04	
3:00	17.82	18.93	19.85	22.61	26.82	0.03	0.16	0.36	0.57	12.07	39.04	57.48	2.90	2.86	
4:00	14.89	15.84	16.66	18.65	20.97	sld	0.17	0.36	0.52	10.37	39.47	55.31	3.20	2.84	
5:00	35.38	37.73	38.42	41.00	45.08	0.18	0.24	0.37	0.73	6.57	33.06	43.09	15.28	2.90	
6:00	24.97	27.00	28.51	34.00	41.84	0.06	0.23	0.38	0.66	24.54	44.91	82.41	4.12	3.16	
7:00	31.44	34.91	38.04	52.16	71.74	0.11	0.23	0.37	1.23	47.49	45.99	118.56	2.96	3.71	
8:00	46.11	50.10	53.44	69.13	90.56	0.19	0.31	0.39	1.08	42.64	52.28	117.44	5.95	4.36	
9:00	17.02	20.10	22.80	38.49	62.22	0.03	0.27	0.34	0.45	24.33	28.68	65.86	40.65	4.07	
10:00	5.97	7.43	8.56	16.32	29.36	sld	0.19	0.38	0.33	3.75	14.49	20.21	59.75	3.60	
11:00	6.81	8.08	9.09	15.27	27.38	sld	0.14	0.33	0.26	3.75	12.02	17.75	64.26	4.38	
12:00	2.07	3.08	3.86	9.16	17.63	0.03	0.16	0.39	0.21	1.76	7.00	9.69	73.07	2.52	
13:00	2.33	3.44	4.56	9.06	16.70	sld	n/a	n/a	0.21	2.24	8.58	12.00	72.52	3.00	
14:00	2.98	4.05	4.97	9.47	15.61	0.75	n/a	n/a	0.21	2.08	8.52	11.70	74.52	3.33	
15:00	4.85	5.88	6.83	10.97	18.73	0.59	1.73	7.26	0.23	2.57	11.95	15.87	72.71	9.05	
16:00	5.21	6.57	7.74	14.78	26.44	0.45	0.82	4.29	0.23	1.87	11.98	14.83	75.04	8.76	
17:00	6.93	8.95	10.85	19.86	32.13	0.65	0.72	3.21	0.27	2.68	20.18	24.28	64.99	9.64	
18:00	13.95	15.91	17.27	24.17	35.51	0.83	0.95	2.02	0.37	3.10	27.02	31.75	56.70	12.33	
19:00	26.79	29.09	30.88	39.75	52.58	2.78	1.51	1.89	0.77	5.75	37.96	46.74	30.69	10.86	
20:00	60.34	64.22	67.16	79.09	96.35	5.76	2.67	4.98	1.25	11.96	46.31	64.59	13.21	9.77	
21:00	107.70	115.08	120.49	141.41	168.08	11.36	5.08	6.38	2.32	42.76	53.45	118.79	3.22	7.89	
22:00	93.54	108.54	121.78	175.81	253.35	6.75	5.30	6.78	1.53	21.70	51.03	84.20	4.22	6.47	
23:00	55.58	60.11	63.52	74.41	90.67	5.27	5.03	7.07	1.22	21.02	45.26	77.36	2.14	4.62	
24:00	64.37	68.42	71.00	77.88	86.68	7.37	5.38	6.12	1.19	32.80	39.70	89.82	3.57	4.49	
<b>Min</b>	<b>2.07</b>	<b>3.08</b>	<b>3.86</b>	<b>9.06</b>	<b>15.61</b>	<b>0.03</b>	<b>0.14</b>	<b>0.33</b>	<b>0.21</b>	<b>1.76</b>	<b>7.00</b>	<b>9.69</b>	<b>2.14</b>	<b>2.52</b>	
<b>Max</b>	<b>107.70</b>	<b>115.08</b>	<b>121.78</b>	<b>175.81</b>	<b>253.35</b>	<b>11.36</b>	<b>5.38</b>	<b>7.26</b>	<b>2.32</b>	<b>47.49</b>	<b>53.45</b>	<b>118.79</b>	<b>75.04</b>	<b>12.33</b>	
<b>Medie</b>	<b>29.59</b>	<b>32.50</b>	<b>34.79</b>	<b>44.58</b>	<b>58.89</b>	<b>2.16</b>	<b>1.44</b>	<b>2.47</b>	<b>0.73</b>	<b>14.72</b>	<b>31.57</b>	<b>54.07</b>	<b>31.38</b>	<b>5.45</b>	

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

Monoxid de Carbon (CO)	1
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Pulberi in suspensie (PM10)	4

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

Indice zilnic general	4
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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