

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

4 APRILIE 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 dehidra
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	34.94	37.08	38.94	44.66	53.30	1.39	3.82	9.52	0.54	1.77	15.90	18.61	47.50	5.23	0.005
2:00	60.46	63.18	64.94	69.14	76.70	3.99	4.93	8.92	1.18	2.33	24.98	28.54	25.90	4.70	
3:00	82.90	86.89	88.90	94.42	101.82	3.65	5.20	8.58	1.34	4.97	41.45	49.03	4.92	4.24	
4:00	44.72	47.45	49.21	53.99	60.43	2.45	n/a	n/a	0.90	3.11	31.58	36.33	10.24	3.86	
5:00	40.37	42.91	44.64	49.29	55.58	2.34	4.79	10.07	0.67	4.94	35.10	42.63	4.31	3.91	
6:00	37.62	39.81	41.54	45.10	50.66	2.08	4.00	8.85	0.66	3.94	28.82	34.84	8.14	4.09	
7:00	38.76	41.22	43.17	47.78	54.56	2.25	3.91	8.26	0.60	4.42	27.16	33.92	8.73	4.08	
8:00	38.50	41.25	43.59	51.24	61.22	3.20	4.12	7.93	0.63	8.36	29.72	42.50	7.65	4.21	
9:00	43.56	46.61	48.96	59.29	74.96	2.27	4.13	7.93	0.64	9.64	26.27	40.99	14.10	4.52	
10:00	38.31	41.29	43.61	54.33	70.47	2.61	3.92	7.64	0.55	10.10	27.46	42.89	20.01	5.12	
11:00	32.13	35.76	38.78	54.99	80.86	1.29	2.90	6.95	0.39	4.00	16.98	23.09	47.70	5.41	
12:00	29.32	31.63	33.38	42.15	56.14	1.35	3.33	9.13	0.38	1.13	8.04	9.77	69.63	5.87	
13:00	25.09	27.01	28.40	35.52	46.98	1.05	2.92	8.10	0.36	0.97	6.90	8.38	81.56	5.85	
14:00	24.11	26.10	27.59	35.34	49.14	1.19	3.15	8.55	0.37	1.00	7.28	8.81	83.43	5.22	
15:00	20.82	22.78	24.31	31.98	45.05	0.82	3.23	9.17	0.34	0.84	6.56	7.84	86.27	5.14	
16:00	16.12	17.82	19.20	26.09	38.34	0.80	3.14	9.33	0.31	1.29	7.34	9.32	85.92	4.87	
17:00	24.88	27.10	28.71	34.33	45.52	0.92	3.32	9.83	0.35	1.20	7.79	9.62	87.10	6.44	
18:00	25.18	27.54	29.27	36.48	51.61	1.29	3.72	10.22	0.37	1.16	8.51	10.29	87.03	6.78	
19:00	37.22	40.57	42.38	50.86	67.28	1.28	4.29	11.94	0.39	1.15	9.74	11.50	86.15	5.73	
20:00	22.43	24.86	26.88	34.59	48.37	2.73	4.19	11.81	0.41	2.00	15.89	18.94	76.25	5.13	
21:00	24.10	26.45	28.41	36.11	48.43	1.57	3.99	12.16	0.43	1.81	16.38	19.14	73.53	5.12	
22:00	29.36	32.35	34.64	43.74	57.56	1.98	4.12	11.72	0.43	1.39	12.32	14.45	75.60	5.47	
23:00	25.08	27.62	29.71	38.49	53.16	1.10	3.92	12.31	0.42	1.00	9.08	10.61	72.52	4.61	
24:00	33.77	36.23	38.00	46.26	57.80	1.86	4.20	12.02	0.58	1.20	11.09	12.92	62.42	4.68	
<b>Min</b>	<b>16.12</b>	<b>17.82</b>	<b>19.20</b>	<b>26.09</b>	<b>38.34</b>	<b>0.80</b>	<b>2.90</b>	<b>6.95</b>	<b>0.31</b>	<b>0.84</b>	<b>6.56</b>	<b>7.84</b>	<b>4.31</b>	<b>3.86</b>	
<b>Max</b>	<b>82.90</b>	<b>86.89</b>	<b>88.90</b>	<b>94.42</b>	<b>101.82</b>	<b>3.99</b>	<b>5.20</b>	<b>12.31</b>	<b>1.34</b>	<b>10.10</b>	<b>41.45</b>	<b>49.03</b>	<b>87.10</b>	<b>6.78</b>	
<b>Medie</b>	<b>34.57</b>	<b>37.15</b>	<b>39.05</b>	<b>46.51</b>	<b>58.58</b>	<b>1.89</b>	<b>3.88</b>	<b>9.61</b>	<b>0.55</b>	<b>3.07</b>	<b>18.01</b>	<b>22.71</b>	<b>51.11</b>	<b>5.01</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)	3
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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\*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