

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
04 NOIEMBRIE 2020



DATE CALITATE AER MUNICIPIUL SEBES -  
SISTEM PROPRIU DE MASURARE - Amplasament: SEBES , str. Occidentului nr. 3

Valori medii orare

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formaldehidă
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	40.55	46.65	50.73	56.65	62.65	3.30	19.53	72.77	0.97	23.46	13.87	49.71	n/a	7.81	0.002
2:00	29.33	32.54	35.22	39.89	44.93	2.61	9.44	38.37	0.77	12.88	11.98	31.66	n/a	7.78	
3:00	28.02	31.19	33.43	36.78	40.35	3.72	8.55	33.09	0.78	14.87	13.07	35.80	n/a	7.57	
4:00	27.62	30.64	32.78	36.05	39.01	2.18	5.07	22.07	0.74	17.50	12.05	38.80	n/a	7.36	
5:00	21.88	23.43	24.61	26.81	28.85	2.27	4.68	18.48	0.63	19.55	12.44	42.30	n/a	7.69	
6:00	19.93	21.26	22.54	24.73	27.02	4.08	5.40	17.40	0.70	19.54	14.61	44.47	n/a	7.78	
7:00	20.64	22.19	23.61	27.35	31.33	2.85	6.56	27.10	0.71	20.65	14.83	46.38	n/a	7.42	
8:00	16.55	18.42	20.50	25.01	29.53	1.28	2.48	10.58	0.63	28.95	15.80	60.02	0.11	7.97	
9:00	16.87	18.54	20.21	24.66	31.32	1.24	2.08	6.80	0.58	15.13	13.10	36.23	0.69	7.67	
10:00	16.66	18.27	19.78	23.08	26.40	1.11	2.01	6.84	0.58	11.06	11.26	28.16	1.35	7.00	
11:00	18.90	21.03	22.82	27.23	32.66	1.29	2.58	6.64	0.59	15.43	14.27	37.85	1.64	7.49	
12:00	17.19	19.69	22.05	27.71	33.82	1.09	1.82	5.67	0.57	11.49	12.43	29.99	2.81	7.43	
13:00	15.13	18.11	20.86	31.63	46.94	0.97	1.72	6.09	0.56	7.97	12.49	24.67	4.38	7.20	
14:00	13.29	15.86	18.23	28.44	41.99	0.75	1.46	5.82	0.54	5.66	10.50	19.15	6.25	7.54	
15:00	13.09	14.84	16.51	20.52	25.39	0.90	1.42	5.21	0.55	7.85	13.74	25.73	4.69	7.28	
16:00	13.23	14.90	16.49	20.53	26.22	0.77	1.58	5.38	0.56	8.41	16.37	29.23	3.88	7.10	
17:00	14.82	17.37	20.05	27.64	36.61	1.01	1.62	5.20	0.58	12.08	20.55	39.01	1.67	7.56	
18:00	20.86	23.61	26.31	30.73	35.87	3.06	5.40	7.36	0.64	15.34	22.71	46.16	0.10	7.32	
19:00	27.87	32.36	36.58	48.15	60.08	3.81	76.49	153.16	0.84	49.10	22.62	97.64	0.10	8.73	
20:00	22.82	27.29	32.00	48.78	69.32	2.89	13.80	28.89	0.85	36.27	18.86	74.28	0.14	8.33	
21:00	52.64	57.12	61.90	72.31	82.77	6.53	71.77	153.60	1.29	31.40	17.04	65.02	0.43	8.09	
22:00	33.49	37.65	42.02	52.53	62.47	3.96	59.75	144.69	0.95	40.39	14.93	76.65	0.02	8.18	
23:00	29.63	33.90	38.46	50.12	62.65	3.84	18.68	58.21	0.93	67.68	17.21	120.62	0.14	9.22	
24:00	33.43	37.65	42.08	52.85	64.49	3.52	24.42	70.78	0.96	58.87	15.65	105.61	n/a	8.44	
<b>Min</b>	<b>13.09</b>	<b>14.84</b>	<b>16.49</b>	<b>20.52</b>	<b>25.39</b>	<b>0.75</b>	<b>1.42</b>	<b>5.20</b>	<b>0.54</b>	<b>5.66</b>	<b>10.50</b>	<b>19.15</b>	<b>0.02</b>	<b>7.00</b>	
<b>Max</b>	<b>52.64</b>	<b>57.12</b>	<b>61.90</b>	<b>72.31</b>	<b>82.77</b>	<b>6.53</b>	<b>76.49</b>	<b>153.60</b>	<b>1.29</b>	<b>67.68</b>	<b>22.71</b>	<b>120.62</b>	<b>6.25</b>	<b>9.22</b>	
<b>Medie</b>	<b>23.52</b>	<b>26.44</b>	<b>29.16</b>	<b>35.84</b>	<b>43.44</b>	<b>2.46</b>	<b>14.51</b>	<b>37.92</b>	<b>0.73</b>	<b>22.98</b>	<b>15.10</b>	<b>50.21</b>	<b>1.78</b>	<b>7.75</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)	1
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