

## RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES 18 MARTIE 2023



### 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	63.49	66.66	68.36	73.37	78.96	5.41	3.40	0.85	1.18	20.07	53.03	73.07	12.41	11.78	0.010
2:00	37.24	39.17	40.40	45.24	51.44	3.21	2.17	0.61	1.54	35.57	52.04	87.60	10.44	11.56	
3:00	26.30	27.40	28.27	30.51	33.86	2.82	2.04	0.61	0.94	11.10	43.93	55.03	14.42	11.30	
4:00	29.88	31.14	32.08	34.20	36.92	3.06	2.14	0.59	0.81	13.08	42.23	55.31	11.76	11.36	
5:00	29.38	30.55	31.35	32.97	35.19	2.83	1.82	0.53	0.86	12.18	37.33	49.51	15.39	11.25	
6:00	22.07	23.12	23.84	26.38	29.51	2.09	1.51	0.37	0.78	15.29	39.35	54.64	12.91	11.39	
7:00	20.35	21.53	22.42	25.77	30.13	1.79	1.37	0.40	0.50	20.82	32.91	53.74	17.73	11.35	
8:00	20.87	22.05	23.11	25.78	28.88	2.28	1.35	0.39	0.65	16.97	33.41	50.36	19.28	11.30	
9:00	28.54	30.18	31.59	36.44	44.22	3.46	2.07	0.48	0.76	18.42	31.47	49.87	29.52	11.35	
10:00	24.26	25.91	27.30	31.91	38.79	2.08	1.27	0.44	0.63	13.78	20.48	34.27	53.36	11.62	
11:00	15.40	16.67	17.65	21.55	28.05	1.35	0.81	0.32	0.61	5.42	9.55	14.96	81.74	11.46	
12:00	11.49	12.34	13.03	14.79	17.44	1.61	n/a	n/a	0.35	2.77	5.22	7.98	98.23	11.27	
13:00	10.21	10.98	11.58	13.20	15.05	0.82	0.57	0.30	0.26	2.48	4.47	6.92	109.41	11.18	
14:00	6.73	7.60	8.13	10.52	14.43	0.84	0.53	0.25	0.32	2.20	4.30	6.50	121.88	11.19	
15:00	5.07	5.95	6.58	9.42	14.01	1.26	0.51	0.31	0.41	2.56	4.04	6.60	127.85	11.24	
16:00	4.56	5.49	6.24	9.15	13.33	0.77	0.53	0.33	0.47	2.61	4.55	7.18	130.04	11.26	
17:00	4.50	5.15	5.68	6.80	9.15	0.60	0.41	0.29	0.47	2.29	4.15	6.44	133.19	11.26	
18:00	4.61	5.28	5.78	7.35	10.22	0.75	0.42	0.25	0.45	1.95	4.77	6.74	133.42	11.26	
19:00	6.78	7.56	8.12	9.69	12.84	0.56	0.47	0.37	0.21	1.60	6.48	8.08	131.16	11.25	
20:00	14.14	15.89	17.15	23.23	33.05	1.23	1.34	0.48	0.36	2.90	28.32	31.19	93.57	11.54	
21:00	36.43	39.07	40.94	48.99	59.20	6.02	2.52	0.62	1.40	7.08	44.37	51.44	58.62	12.11	
22:00	96.84	103.40	107.32	117.87	131.27	8.52	4.48	1.02	1.40	15.75	64.21	79.97	23.92	12.56	
23:00	95.31	100.46	104.21	114.19	127.11	10.23	5.01	1.01	1.84	27.61	64.80	92.41	14.94	11.94	
24:00	155.86	164.37	170.55	183.56	198.28	15.76	8.39	1.55	2.37	51.89	59.54	111.43	13.07	12.36	
<b>Min</b>	<b>4.50</b>	<b>5.15</b>	<b>5.68</b>	<b>6.80</b>	<b>9.15</b>	<b>0.56</b>	<b>0.41</b>	<b>0.25</b>	<b>0.21</b>	<b>1.60</b>	<b>4.04</b>	<b>6.44</b>	<b>10.44</b>	<b>11.18</b>	
<b>Max</b>	<b>155.86</b>	<b>164.37</b>	<b>170.55</b>	<b>183.56</b>	<b>198.28</b>	<b>15.76</b>	<b>8.39</b>	<b>1.55</b>	<b>2.37</b>	<b>51.89</b>	<b>64.80</b>	<b>111.43</b>	<b>133.42</b>	<b>12.56</b>	
<b>Medie</b>	<b>32.10</b>	<b>34.08</b>	<b>35.49</b>	<b>39.70</b>	<b>45.47</b>	<b>3.31</b>	<b>1.96</b>	<b>0.54</b>	<b>0.82</b>	<b>12.77</b>	<b>28.96</b>	<b>41.72</b>	<b>61.18</b>	<b>11.51</b>	

**Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020**

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	4
Particule in suspensie (PM10)	2

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de 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