

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES 29 IANUARIE 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	27.57	28.66	29.25	30.61	32.52	1.79	1.23	0.55	0.63	2.52	31.34	23.03	36.75	9.45	0.007
2:00	37.01	38.55	39.19	39.75	40.50	3.39	1.85	0.60	0.83	2.37	28.29	20.89	36.41	9.39	
3:00	37.51	38.95	39.71	40.76	41.85	3.02	1.81	0.60	0.60	2.41	34.46	24.96	22.79	9.33	
4:00	32.15	33.32	33.85	34.61	35.64	2.90	1.82	0.56	0.73	1.91	18.28	13.88	33.28	9.35	
5:00	23.44	24.16	24.49	24.68	24.88	2.49	1.45	0.54	0.68	1.38	15.16	11.31	42.82	9.42	
6:00	16.96	17.46	17.71	17.92	18.06	1.69	1.09	0.49	0.55	1.27	13.14	9.89	52.44	9.40	
7:00	23.92	24.61	24.95	25.69	26.25	2.70	1.59	0.54	0.71	2.09	20.32	15.39	33.41	9.45	
8:00	24.87	25.68	26.16	26.73	27.19	2.40	1.46	0.56	0.74	2.58	23.29	17.81	26.45	9.52	
9:00	15.37	15.91	16.16	16.74	17.45	1.82	1.13	0.49	0.59	2.15	13.30	10.84	38.30	9.43	
10:00	16.93	17.76	18.19	18.90	19.74	1.75	1.12	0.49	0.37	1.94	13.05	10.48	39.51	9.43	
11:00	22.10	23.30	24.09	26.24	29.05	2.43	1.17	0.50	0.52	2.13	14.01	11.31	45.99	9.49	
12:00	23.08	24.35	25.22	26.88	28.98	1.88	1.08	0.49	0.93	3.17	14.62	12.74	51.72	9.51	
13:00	26.02	27.60	28.49	30.19	32.30	2.02	1.14	0.51	0.67	2.38	13.88	11.46	50.13	9.58	
14:00	24.78	26.39	27.58	28.60	29.42	2.31	1.13	0.51	0.85	2.68	15.45	12.79	51.32	9.57	
15:00	25.56	27.17	28.27	29.68	31.27	2.31	1.14	0.56	1.11	3.03	16.99	14.14	51.24	9.61	
16:00	27.36	29.08	30.05	31.34	32.59	2.08	1.82	0.58	0.64	1.69	14.70	11.32	54.42	9.64	
17:00	31.47	33.70	35.20	36.36	37.85	2.67	1.19	0.51	1.15	3.85	16.65	14.74	55.86	9.80	
18:00	27.38	29.20	30.48	31.48	33.21	2.27	1.19	0.50	0.78	1.90	16.43	12.65	58.76	9.74	
19:00	31.40	33.17	34.32	36.07	38.77	2.29	1.32	0.52	0.70	2.71	30.50	22.66	43.96	9.77	
20:00	28.84	30.66	31.88	33.19	34.55	3.77	1.51	0.51	1.01	3.68	27.75	21.83	47.29	9.67	
21:00	21.31	22.38	23.03	23.91	24.70	1.61	1.03	0.49	0.51	1.90	17.06	13.05	59.96	9.53	
22:00	14.00	14.76	15.29	15.62	16.24	1.41	n/a	n/a	0.53	1.79	8.84	7.57	64.23	9.40	
23:00	13.35	14.10	14.65	14.86	15.22	1.30	0.82	0.44	0.64	2.42	11.46	9.91	66.51	9.37	
24:00	13.07	13.75	14.22	14.81	15.79	1.23	0.81	0.41	0.55	1.58	10.65	8.56	66.78	9.40	
<b>Min</b>	<b>13.07</b>	<b>13.75</b>	<b>14.22</b>	<b>14.81</b>	<b>15.22</b>	<b>1.23</b>	<b>0.81</b>	<b>0.41</b>	<b>0.37</b>	<b>1.27</b>	<b>8.84</b>	<b>7.57</b>	<b>22.79</b>	<b>9.33</b>	
<b>Max</b>	<b>37.51</b>	<b>38.95</b>	<b>39.71</b>	<b>40.76</b>	<b>41.85</b>	<b>3.77</b>	<b>1.85</b>	<b>0.60</b>	<b>1.15</b>	<b>3.85</b>	<b>34.46</b>	<b>24.96</b>	<b>66.78</b>	<b>9.80</b>	
<b>Medie</b>	<b>24.39</b>	<b>25.61</b>	<b>26.35</b>	<b>27.32</b>	<b>28.50</b>	<b>2.23</b>	<b>1.30</b>	<b>0.52</b>	<b>0.71</b>	<b>2.31</b>	<b>18.32</b>	<b>14.30</b>	<b>47.10</b>	<b>9.51</b>	

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

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