

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
18 DECEMBRIE 2025**

**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE -Municipiul Sebeş**

**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/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	344.09	353.48	358.56	371.17	385.55	35.61	15.17	2.67	5.47	141.81	22.27	164.09	0.51	8.64	N/A
2:00	241.03	248.28	252.49	261.39	271.38	14.57	8.51	1.50	3.22	107.77	22.17	129.95	0.22	8.17	
3:00	114.41	119.40	122.84	130.74	139.51	10.96	6.87	1.35	1.62	129.19	29.94	159.12	0.36	8.34	
4:00	100.05	104.48	107.62	116.68	127.94	9.73	5.86	1.14	1.41	112.39	29.09	141.48	0.35	8.17	
5:00	98.46	102.72	105.73	112.90	121.45	9.12	5.43	1.03	1.46	106.95	26.12	133.07	0.47	8.05	
6:00	118.92	124.50	128.50	136.88	147.31	9.84	6.45	1.13	1.80	146.55	24.25	170.80	0.38	8.20	
7:00	128.83	134.73	139.36	152.12	167.00	15.65	10.05	1.72	2.12	185.95	26.33	212.28	0.40	8.67	
8:00	160.88	166.85	171.20	184.27	199.07	19.36	9.19	1.60	2.77	194.94	26.02	220.96	0.24	8.73	
9:00	202.23	209.21	214.33	229.66	248.03	21.85	10.41	1.73	3.07	198.92	28.60	227.52	0.10	8.91	
10:00	219.03	227.31	233.27	249.55	270.64	23.00	10.62	1.70	3.09	176.36	38.80	215.16	0.25	8.99	
11:00	199.02	206.78	212.00	223.06	236.53	19.51	9.97	1.67	2.24	132.78	50.07	182.86	0.21	8.56	
12:00	141.99	148.62	152.98	164.59	181.00	10.66	6.15	1.22	1.45	85.98	50.30	136.27	0.38	8.23	
13:00	118.68	124.28	128.13	138.54	152.23	8.77	4.90	0.95	1.27	110.07	57.09	167.16	0.02	8.94	
14:00	109.66	115.29	119.35	134.04	156.59	8.34	5.58	1.10	1.20	74.27	56.89	131.16	0.03	8.79	
15:00	108.87	115.68	121.28	140.19	164.88	8.59	6.31	1.22	1.33	63.85	60.80	124.65	0.32	9.53	
16:00	31.13	33.89	36.55	45.17	57.70	2.63	1.76	0.51	0.50	20.59	28.53	49.12	12.17	15.89	
17:00	20.53	23.48	26.32	35.43	48.06	2.80	1.72	0.47	0.52	20.80	34.37	55.17	11.82	18.76	
18:00	85.66	92.82	98.58	119.01	148.23	11.24	6.35	1.08	1.69	148.28	54.87	203.15	0.50	10.81	
19:00	182.39	191.88	198.92	220.71	247.40	20.99	12.27	2.07	3.18	178.58	52.03	230.60	0.04	10.16	
20:00	210.81	221.70	229.44	246.99	266.53	22.19	13.10	2.11	3.64	221.63	48.45	270.07	0.17	10.05	
21:00	259.08	270.75	277.72	290.09	304.48	33.50	n/a	n/a	4.13	138.04	41.65	179.70	0.39	9.08	
22:00	244.80	253.24	258.26	267.94	278.80	40.24	15.20	2.29	4.36	162.31	33.87	196.19	0.11	9.12	
23:00	199.22	204.74	208.24	214.06	219.94	19.30	12.52	1.95	3.44	102.21	28.11	130.31	0.14	8.27	
24:00	123.07	126.37	128.27	132.74	139.84	10.76	6.83	1.06	1.95	40.22	26.02	66.24	0.53	7.85	
<b>Min</b>	<b>20.53</b>	<b>23.48</b>	<b>26.32</b>	<b>35.43</b>	<b>48.06</b>	<b>2.63</b>	<b>1.72</b>	<b>0.47</b>	<b>0.50</b>	<b>20.59</b>	<b>22.17</b>	<b>49.12</b>	<b>0.02</b>	<b>7.85</b>	
<b>Max</b>	<b>344.09</b>	<b>353.48</b>	<b>358.56</b>	<b>371.17</b>	<b>385.55</b>	<b>40.24</b>	<b>15.20</b>	<b>2.67</b>	<b>5.47</b>	<b>221.63</b>	<b>60.80</b>	<b>270.07</b>	<b>12.17</b>	<b>18.76</b>	
<b>Medie</b>	<b>156.78</b>	<b>163.35</b>	<b>167.91</b>	<b>179.91</b>	<b>195.00</b>	<b>16.22</b>	<b>8.31</b>	<b>1.45</b>	<b>2.37</b>	<b>125.02</b>	<b>37.36</b>	<b>162.38</b>	<b>1.25</b>	<b>9.54</b>	

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

Particule in suspensie (PM2,5)	6
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	6

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

Indice zilnic general	6
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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

\*N/A - Analizorul de formaldehidă (CHOH) trimis in Finlanda pentru calibrare în laborator