

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES

20 FEBRUARIE 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 dehid
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	93.28	98.53	102.19	111.56	123.21	0.31	0.49	0.64	1.48	27.25	40.31	81.96	2.49	3.22	0.006
2:00	58.97	61.69	63.42	67.23	71.40	0.20	0.48	0.63	1.01	20.26	38.73	69.70	1.38	3.23	
3:00	44.71	46.54	47.80	49.85	53.09	0.15	0.40	0.62	0.76	32.63	35.49	85.34	0.70	3.00	
4:00	54.56	57.95	60.10	68.30	80.33	0.16	0.41	0.60	0.83	35.45	35.44	89.60	1.27	3.04	
5:00	55.51	58.49	60.53	67.29	76.45	0.14	0.42	0.59	0.84	32.46	37.24	86.83	0.85	3.03	
6:00	60.54	65.11	68.23	81.27	99.88	0.14	0.43	0.58	0.90	40.83	40.39	102.77	0.73	3.96	
7:00	70.36	76.72	81.52	100.76	132.33	0.20	0.50	0.59	1.11	67.24	43.28	146.03	0.94	3.98	
8:00	57.46	61.70	64.52	80.98	106.65	0.18	0.45	0.58	1.06	71.02	44.77	153.28	1.40	4.14	
9:00	49.23	53.27	55.98	67.16	86.77	0.10	0.39	0.52	0.77	48.74	46.59	121.06	2.83	4.34	
10:00	50.48	53.84	56.32	62.88	74.18	0.18	0.38	0.52	0.68	37.43	42.39	99.59	4.83	3.46	
11:00	32.22	34.45	36.00	38.87	43.47	0.05	0.39	0.54	0.43	12.90	22.71	42.42	35.82	3.13	
12:00	16.97	18.53	19.67	21.57	24.44	0.03	0.49	0.58	0.37	2.72	14.26	18.43	51.88	2.95	
13:00	16.75	18.28	19.42	20.83	22.74	0.03	0.55	0.62	0.32	2.20	13.32	16.68	55.63	2.89	
14:00	11.26	12.47	13.39	15.17	17.50	0.02	0.45	0.63	0.28	1.65	10.92	13.44	62.08	2.80	
15:00	10.58	11.66	12.44	13.57	15.34	n/a	0.34	0.62	0.26	2.36	15.75	19.35	59.04	2.70	
16:00	12.44	13.75	14.80	16.52	20.01	n/a	0.23	0.57	0.28	3.05	16.45	21.11	58.24	2.59	
17:00	12.82	14.12	15.00	17.51	20.70	n/a	0.25	0.55	0.29	2.98	17.14	21.69	48.61	3.31	
18:00	13.43	14.22	14.73	15.62	16.94	0.02	0.24	0.53	0.33	4.24	21.75	28.24	43.58	4.38	
19:00	9.37	10.06	10.61	12.10	14.15	n/a	0.24	0.54	0.30	3.45	19.19	24.46	48.79	4.09	
20:00	12.56	13.24	13.78	15.18	17.30	0.04	0.25	0.55	0.39	3.28	28.15	33.16	32.02	2.51	
21:00	16.47	16.97	17.36	17.90	18.32	0.07	0.25	0.54	0.51	2.00	16.27	19.33	39.66	2.32	
22:00	19.33	19.95	20.36	21.77	23.68	0.06	0.26	0.53	0.52	2.25	21.59	25.03	32.68	2.40	
23:00	28.71	29.73	30.45	31.66	33.99	0.04	0.27	0.55	0.57	8.15	31.48	43.92	19.54	2.43	
24:00	29.79	30.69	31.28	32.48	34.07	0.07	n/a	n/a	0.73	12.29	48.47	67.24	2.94	2.26	
Min	9.37	10.06	10.61	12.10	14.15	0.02	0.23	0.52	0.26	1.65	10.92	13.44	0.70	2.26	
Max	93.28	98.53	102.19	111.56	132.33	0.31	0.55	0.64	1.48	71.02	48.47	153.28	62.08	4.38	
Medie	34.91	37.16	38.75	43.67	51.12	0.11	0.37	0.57	0.63	19.87	29.25	59.61	25.33	3.17	

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)	2
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