

RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
25 Iunie 2021



DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE - Kogalniceanu, nr. 114 A

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	10.277	16.532	23.908	38.394	57.546	0.38	1.8951	23.0643	0.26	6.77	34.74	45.08	23.35	8.81	*n/a
2:00	10.154	15.886	22.313	36.058	54.242	0.41	1.9338	20.7799	0.26	20.97	47	79.03	5.07	8.83	
3:00	45.964	52.994	60.829	74.696	90.74	0.31	n/a	n/a	0.27	15.85	46.78	71.01	5.45	8.7	
4:00	38.893	46.541	55.273	69.717	88.725	0.46	1.9449	25.2737	0.24	6.04	35.75	44.98	11.5	8.65	
5:00	11.11	17.315	25.021	35.66	48.797	0.36	1.9261	23.8316	0.23	5.87	35.19	44.16	9.9	8.6	
6:00	9.1964	15.193	22.698	32.474	45.412	0.4	3.059	23.7479	0.24	7.11	32.65	43.52	10.85	8.61	
7:00	9.3288	15.79	23.725	36.71	53.49	0.49	3.7025	24.9386	0.27	16.96	34.8	60.7	7.91	8.74	
8:00	10.659	17.924	26.569	44.626	68.334	0.44	2.7626	24.9782	0.29	18.57	33.62	62.01	12.18	8.71	
9:00	20.502	32.444	44.794	91.195	170.65	0.57	3.1421	23.5715	0.31	29.59	49.67	94.89	22.17	9.13	
10:00	15.082	24.521	35.616	59.565	98.158	0.29	2.6519	21.6399	0.24	6.34	22.51	32.21	44.52	9.06	
11:00	9.5133	18.306	28.707	51.948	89.379	0.27	2.244	29.4853	0.23	4.05	12.04	18.23	55.56	9.19	
12:00	9.7385	20.137	32.534	57.765	92.419	0.24	2.9472	22.8173	0.23	6.54	13.38	23.37	64.93	11.7	
13:00	11.461	24.38	39.741	72.434	119.35	0.24	2.1153	21.9309	0.24	4.39	16.92	23.63	74.2	13.1	
14:00	11.997	25.321	40.697	75.768	124.6	0.36	3.5416	27.0509	0.24	3.64	11.19	16.76	71.32	12.95	
15:00	11.28	24.787	41.232	70.719	107.07	0.26	5.1667	23.6729	0.24	3.67	12.38	17.99	76.25	12.72	
16:00	10.409	24.945	42.874	71.62	109.22	0.25	2.5029	19.5187	0.24	3.91	13.83	19.81	75.97	13.28	
17:00	9.9705	25.835	45.687	76.105	113.24	0.22	2.8698	19.1879	0.24	3.96	12.66	18.72	76.59	12.87	
18:00	8.6356	24.318	43.756	72.521	108.37	0.21	2.5611	16.242	0.23	3.6	11.79	17.29	74.54	11.5	
19:00	9.3895	25.145	44.774	74.832	110.91	0.21	1.7411	18.4955	0.25	3.62	13.99	19.53	71.14	10.65	
20:00	10.334	26.461	46.456	76.304	112.4	0.24	2.0594	15.2013	0.25	3.52	12.85	18.23	67.22	10.35	
21:00	10.256	26.169	45.984	73.305	107.25	0.24	2.0594	14.7029	0.25	3.6	15.93	21.44	59.9	10.13	
22:00	11.886	63.791	116.47	200.76	153.1	0.22	2.9296	14.5574	0.24	3.36	14.13	19.27	61.97	9.82	
23:00	5.3577	24.607	43.973	138.3	154.21	0	1.2995	12.8287	0.2	3.42	12.6	17.82	60.71	8.99	
24:00	7.1261	14.316	22.988	31.17	41.941	0	1.1053	11.4484	0.22	3.78	30.89	36.67	39.94	9.33	
Min	5.36	14.32	22.31	31.17	41.94	0.00	1.11	11.45	0.20	3.36	11.19	16.76	5.07	8.60	
Max	45.96	63.79	116.47	200.76	170.65	0.57	5.17	29.49	0.31	29.59	49.67	94.89	76.59	13.28	
Medie	13.27	25.99	40.69	69.28	96.65	0.29	2.53	20.82	0.25	7.88	24.05	36.10	45.13	10.18	

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)	2
Particule in suspensie (PM10)	4

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

*n/a : analizorul de formaldehida trimis la calibrat