

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
27 NOIEMBRIE 2020**



**DATE CALITATE AER MUNICIPIUL SEBES -
SISTEM PROPRIU DE MASURARE - Occidentului Nr.3
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	28.76	30.04	30.68	31.80	33.79	n/a	n/a	n/a	0.81	7.04	26.68	37.44	3.18	8.47	0.002
2:00	30.65	32.01	32.70	33.58	35.68	n/a	n/a	n/a	0.82	10.63	26.57	42.81	2.95	8.61	
3:00	27.46	28.66	29.28	29.85	30.42	n/a	n/a	n/a	0.80	8.86	25.69	39.23	3.16	8.51	
4:00	27.20	28.37	28.93	29.65	31.01	n/a	n/a	n/a	0.82	8.75	26.07	39.44	3.00	8.47	
5:00	28.04	29.42	30.03	31.48	33.36	n/a	n/a	n/a	0.81	10.66	26.84	43.14	2.91	8.63	
6:00	28.01	29.41	30.10	31.32	32.64	n/a	n/a	n/a	0.80	14.20	28.08	49.76	2.90	8.75	
7:00	26.48	27.94	28.72	30.32	32.86	n/a	n/a	n/a	0.80	17.73	29.00	56.09	2.83	8.79	
8:00	27.38	29.08	30.06	32.59	36.64	n/a	n/a	n/a	0.79	17.84	29.32	56.58	2.95	8.81	
9:00	37.05	38.92	40.01	43.65	49.23	n/a	n/a	n/a	0.92	38.35	29.55	88.16	3.80	9.63	
10:00	34.02	36.42	37.95	42.62	49.52	n/a	n/a	n/a	0.89	25.02	26.46	64.69	4.86	9.25	
11:00	43.06	46.64	49.08	56.20	65.16	n/a	n/a	n/a	0.93	77.52	39.89	143.84	5.21	10.63	
12:00	49.73	53.87	56.58	64.53	74.00	n/a	n/a	n/a	0.92	19.91	25.58	55.99	6.04	9.02	
13:00	49.23	55.64	60.20	78.28	102.33	n/a	n/a	n/a	1.01	28.33	28.99	72.27	5.54	9.24	
14:00	37.64	41.44	44.48	53.68	65.55	n/a	n/a	n/a	0.86	10.41	18.77	34.67	9.16	8.91	
15:00	29.88	32.66	34.71	40.49	48.12	n/a	n/a	n/a	0.84	8.63	16.91	30.10	9.03	8.78	
16:00	30.92	34.18	36.80	44.69	55.48	n/a	n/a	n/a	0.91	10.09	18.02	33.43	6.94	8.92	
17:00	37.00	40.60	42.89	49.37	56.89	n/a	n/a	n/a	0.88	17.68	24.72	51.72	4.81	15.25	
18:00	29.68	32.30	34.17	39.27	45.08	n/a	n/a	n/a	0.86	16.82	26.84	52.54	4.60	23.52	
19:00	25.36	27.14	28.34	32.37	37.59	n/a	n/a	n/a	0.86	13.64	22.45	43.29	7.89	17.07	
20:00	21.93	23.26	24.17	27.03	30.63	n/a	n/a	n/a	0.84	6.86	16.83	27.30	11.28	14.47	
21:00	23.57	24.87	25.68	28.05	30.43	n/a	n/a	n/a	0.84	4.89	16.01	23.49	10.63	15.48	
22:00	23.33	24.53	25.21	26.77	29.02	n/a	n/a	n/a	0.83	2.60	15.27	19.23	10.18	17.07	
23:00	22.49	23.87	24.81	27.25	29.95	n/a	n/a	n/a	0.83	6.35	16.15	25.85	10.64	18.58	
24:00	23.02	24.37	25.23	27.19	29.52	n/a	n/a	n/a	0.83	5.95	14.39	23.48	11.98	17.43	
Min	21.93	23.26	24.17	26.77	29.02	n/a	n/a	n/a	0.79	2.60	14.39	19.23	2.83	8.47	
Max	49.73	55.64	60.20	78.28	102.33	n/a	n/a	n/a	1.01	77.52	39.89	143.84	11.98	23.52	
Medie	30.91	33.15	34.62	38.83	44.37	n/a	n/a	n/a	0.85	16.20	23.96	48.11	6.10	11.76	

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)	1
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

n/a lipsa gaz purtator