RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
07 DECEMBRIE 2020

PRIMĂRIA MUNICIPIULUI SEBEŞ

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	Formaldehida
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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
2:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
3:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
4:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
5:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
6:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
7:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
8:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
9:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
10:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
11:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
12:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.005
13:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
14:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
15:00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
16:00	11.51	14.09	16.63	28.20	47.00	0.92	0.96	n/a	0.72	2.65	11.50	15.55	34.38	4.51	
17:00	12.91	15.45	17.91	27.29	39.57	1.07	1.22	0.62	0.81	3.04	17.01	21.66	29.64	8.87	
18:00	15.75	18.10	20.46	28.81	39.78	1.43	1.08	0.71	0.84	3.09	15.88	20.60	29.64	10.42	
19:00	28.43	30.61	32.46	38.38	46.46	1.54	1.19	0.96	0.85	3.37	17.42	22.57	27.16	10.83	
20:00	17.05	18.40	19.48	22.89	26.81	1.62	1.61	1.38	0.84	3.90	17.51	23.47	25.98	10.36	
21:00	14.02	14.89	15.56	16.97	18.25	1.07	1.30	1.23	0.82	3.21	16.76	21.66	25.52	10.18	
22:00	23.93	25.22	26.14	28.76	31.63	3.02	2.20	1.28	0.85	3.76	17.69	23.43	25.11	10.28	
23:00	51.02	53.19	54.71	58.51	63.53	4.79	3.67	1.43	0.96	5.51	27.04	35.47	14.07	11.11	
24:00	59.86	61.64	62.79	66.42	70.46	4.73	3.29	1.36	0.96	6.70	25.93	36.18	9.91	10.33	
Min	**11.51**	**14.09**	**15.56**	**16.97**	**18.25**	**0.92**	**0.96**	**0.62**	**0.72**	**2.65**	**11.50**	**15.55**	**9.91**	**4.51**	
Max	**59.86**	**61.64**	**62.79**	**66.42**	**70.46**	**4.79**	**3.67**	**1.43**	**0.96**	**6.70**	**27.04**	**36.18**	**34.38**	**11.11**	
Medie	**26.05**	**27.95**	**29.57**	**35.14**	**42.61**	**2.24**	**1.84**	**1.12**	**0.85**	**3.91**	**18.53**	**24.51**	**24.60**	**9.65**	

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**

Indice zilnic general	**4**

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

***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 Pauza tehnica - relocare laborator