RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
23 NOIEMBRIE 2021

PRIMĂRIA MUNICIPIULUI SEBEŞ

DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE - Aleea Lac, fn

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	25.64	27.37	28.30	29.38	30.50	1.26	1.47	0.00	0.63	3.50	24.49	29.84	22.12	3.53	
2:00	28.86	30.54	31.31	32.19	33.31	1.13	1.27	0.00	0.61	3.01	23.73	28.33	22.35	3.70	
3:00	23.42	24.87	25.51	26.47	27.60	0.86	1.01	0.00	0.57	3.53	22.31	27.71	22.52	3.84	
4:00	20.77	22.03	22.57	23.06	23.54	0.82	0.98	0.00	0.55	3.08	19.05	23.76	23.30	3.72	
5:00	22.76	24.09	24.89	25.52	26.25	1.19	0.00	0.00	0.62	19.49	29.13	58.91	17.32	4.14	
6:00	22.25	23.46	24.21	24.83	25.40	1.18	1.64	0.00	0.62	19.75	28.33	58.51	17.08	4.36	
7:00	22.61	23.70	24.19	24.67	25.34	1.60	1.71	0.00	0.64	8.96	25.40	39.09	17.88	4.40	
8:00	19.82	20.75	21.24	21.52	21.76	1.08	1.47	0.00	0.60	12.06	27.26	45.70	17.35	4.54	
9:00	20.87	21.76	22.42	23.52	25.06	1.45	2.27	0.91	0.66	19.99	29.59	60.14	17.59	4.93	
10:00	18.51	19.39	20.14	21.60	23.20	2.26	1.87	0.79	0.65	14.88	26.97	49.71	18.56	4.76	
11:00	22.58	23.70	24.59	26.73	30.06	2.71	4.05	1.72	0.73	19.87	28.84	59.20	18.31	4.89	
12:00	32.47	34.11	35.41	38.87	45.41	4.44	4.85	2.07	0.89	32.08	33.53	82.55	17.47	4.13	
13:00	43.84	46.95	49.31	59.80	78.48	5.65	13.09	3.25	0.98	27.22	31.73	73.33	19.74	4.01	0.005
14:00	63.17	66.63	68.94	77.76	92.03	5.12	7.61	2.49	1.02	19.17	32.88	62.17	25.04	4.23	
15:00	32.14	34.68	36.47	46.87	63.84	2.29	4.76	1.75	0.70	12.51	22.88	42.01	26.97	4.02	
16:00	21.20	22.83	24.12	29.43	36.44	1.71	2.30	1.38	0.61	12.29	22.15	40.92	26.30	4.05	
17:00	24.17	25.52	26.51	28.98	32.19	2.35	2.25	1.02	0.66	7.60	20.09	31.71	25.60	3.83	
18:00	31.03	32.84	34.18	36.55	39.75	4.42	2.89	1.35	0.75	7.52	22.17	33.67	21.89	3.86	
19:00	29.44	31.80	33.32	37.27	44.08	2.98	2.99	1.18	0.83	11.48	27.89	45.44	20.14	3.95	
20:00	42.77	45.46	47.31	52.44	58.69	4.91	4.39	1.87	0.96	22.09	36.60	70.35	17.66	4.15	
21:00	29.91	32.11	33.84	39.73	46.80	2.90	2.95	1.63	0.83	13.02	29.70	49.59	18.81	3.70	
22:00	38.81	41.22	42.75	46.21	50.43	4.05	3.24	1.92	0.91	15.16	27.47	50.64	17.87	3.54	
23:00	43.19	45.91	47.68	51.85	56.11	4.32	4.22	1.78	0.97	46.00	32.40	102.70	15.92	3.81	
24:00	84.66	88.64	91.19	97.35	105.76	7.75	6.62	2.03	1.64	58.30	30.18	119.26	16.12	4.24	
Min	**18.51**	**19.39**	**20.14**	**21.52**	**21.76**	**0.82**	**0.00**	**0.00**	**0.55**	**3.01**	**19.05**	**23.76**	**15.92**	**3.53**	
Max	**84.66**	**88.64**	**91.19**	**97.35**	**105.76**	**7.75**	**13.09**	**3.25**	**1.64**	**58.30**	**36.60**	**119.26**	**26.97**	**4.93**	
Medie	**31.87**	**33.76**	**35.02**	**38.44**	**43.42**	**2.85**	**3.33**	**1.13**	**0.78**	**17.19**	**27.28**	**53.55**	**20.16**	**4.10**	

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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