RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
16 NOIEMBRIE 2026

PRIMĂRIA MUNICIPIULUI SEBEȘ

DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE -Municipiul Sebeș

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	43.51	45.36	46.65	50.80	55.57	4.25	2.95	0.73	0.96	32.91	34.83	67.75	6.96	13.04	
2:00	56.03	57.79	58.78	61.53	65.21	4.17	2.21	0.58	1.04	13.06	29.55	42.59	7.23	12.89	
3:00	37.60	38.86	39.71	41.95	45.73	2.58	1.81	0.49	0.65	38.81	32.60	71.40	6.41	12.89	
4:00	32.64	33.86	34.62	37.47	42.07	2.40	1.33	0.41	0.57	40.70	28.08	68.78	6.42	12.95	
5:00	27.55	28.59	29.24	31.71	35.24	1.75	1.07	0.36	0.50	36.36	27.98	64.37	6.35	12.92	
6:00	23.67	24.58	25.23	26.94	29.44	1.56	0.97	0.34	0.45	17.53	27.02	44.53	6.41	12.86	
7:00	23.52	24.63	25.42	27.81	30.72	1.66	1.56	0.46	0.46	47.74	29.26	77.00	6.35	12.90	
8:00	31.08	33.90	36.46	47.31	61.55	4.57	3.91	0.87	0.68	72.91	34.61	107.53	6.76	13.00	
9:00	29.84	31.95	33.62	42.36	57.54	2.51	3.01	0.78	0.53	44.52	29.89	74.40	9.34	12.95	
10:00	19.59	20.99	22.20	26.53	32.34	1.14	0.76	n/a	0.36	29.04	20.24	49.29	18.19	12.86	
11:00	18.26	19.91	21.35	27.10	35.92	1.33	0.80	0.29	0.34	14.14	18.78	32.92	22.16	12.69	
12:00	16.28	17.72	18.99	23.83	30.37	1.09	1.10	0.40	0.31	12.36	15.98	28.32	26.55	12.74	0.008
13:00	17.44	19.80	22.09	31.37	47.06	1.28	1.21	0.48	0.34	22.60	22.26	44.86	25.95	12.82	
14:00	20.52	23.02	25.34	35.18	52.46	1.27	1.34	0.58	0.38	24.78	29.16	53.95	23.98	12.92	
15:00	24.18	28.34	31.91	52.01	83.78	1.34	1.99	0.96	0.46	59.00	49.36	108.36	15.54	13.12	
16:00	33.55	38.58	42.91	62.61	91.81	1.31	n/a	n/a	0.44	68.25	61.30	129.54	9.05	13.84	
17:00	35.61	41.79	47.68	72.81	110.39	2.87	2.66	0.82	0.74	111.81	62.22	174.03	7.63	13.42	
18:00	132.30	144.10	151.21	177.14	212.35	16.66	10.73	1.77	1.83	123.90	64.87	188.78	7.75	13.24	
19:00	106.87	114.10	119.77	137.54	162.45	17.22	13.75	3.10	1.64	133.01	57.22	190.23	7.27	13.18	
20:00	133.18	140.66	146.29	162.64	186.37	6.92	5.46	1.40	1.74	139.82	50.77	190.60	6.98	13.21	
21:00	119.55	126.74	132.10	149.46	171.79	10.87	7.38	n/a	1.83	101.59	44.13	145.72	6.97	12.99	
22:00	183.60	191.90	196.95	213.65	236.77	20.36	10.67	2.29	2.65	118.25	42.07	160.33	7.62	13.08	
23:00	36.80	38.73	40.27	43.27	47.28	2.14	1.85	n/a	0.39	4.48	19.86	24.29	14.41	12.91	
24:00	16.64	17.63	18.39	19.60	21.28	1.14	1.13	n/a	0.31	3.22	11.34	14.40	22.77	12.95	
Min	**16.28**	**17.63**	**18.39**	**19.60**	**21.28**	**1.09**	**0.76**	**0.29**	**0.31**	**3.22**	**11.34**	**14.40**	**6.35**	**12.69**	
Max	**183.60**	**191.90**	**196.95**	**213.65**	**236.77**	**20.36**	**13.75**	**3.10**	**2.65**	**139.82**	**64.87**	**190.60**	**26.55**	**13.84**	
Medie	**50.83**	**54.31**	**56.97**	**66.78**	**81.06**	**4.68**	**3.46**	**0.90**	**0.82**	**54.62**	**35.14**	**89.75**	**11.88**	**13.02**	

Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020

Particule in suspensie (PM2,5)	5
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	4

Indice zilnic general	5

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