RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
19 OCTOMBRIE 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	10.92	12.15	13.49	15.60	17.71	0.79	0.65	0.43	0.23	1.68	9.48	11.12	23.93	6.24	
2:00	8.92	10.45	12.08	16.55	21.58	0.64	0.67	0.46	0.17	1.58	6.78	8.34	31.77	6.36	
3:00	7.95	9.65	11.57	15.90	21.13	0.54	0.48	0.38	0.14	1.89	5.86	7.72	35.24	6.30	
4:00	7.62	9.49	11.73	15.69	19.68	0.49	0.41	n/a	0.14	1.71	4.95	6.62	37.93	6.39	
5:00	8.43	10.61	13.05	18.54	24.40	0.52	0.51	0.40	0.16	9.11	12.52	21.55	33.01	6.42	
6:00	9.01	11.28	13.92	19.43	25.77	0.65	0.50	0.40	0.18	8.82	15.25	24.06	36.06	6.41	
7:00	10.34	12.79	15.63	21.41	29.63	0.90	1.18	0.56	0.24	31.14	35.34	66.48	25.73	6.46	
8:00	12.50	15.45	18.75	26.57	36.76	1.19	2.00	n/a	0.27	38.21	40.74	78.96	18.84	6.50	
9:00	11.75	14.43	17.37	24.09	33.81	0.92	1.19	n/a	0.22	26.32	28.26	54.58	26.05	6.35	
10:00	8.79	11.02	13.32	20.61	30.92	0.77	1.11	0.78	0.18	13.74	17.07	30.81	35.87	6.34	
11:00	7.04	8.77	10.77	14.70	20.70	0.53	0.72	n/a	0.16	8.46	9.67	18.12	43.16	6.32	
12:00	6.19	7.89	9.79	14.63	20.85	0.44	0.63	n/a	0.14	7.07	8.34	15.41	46.07	6.28	0.004
13:00	5.16	6.56	8.13	11.26	15.47	0.42	0.81	n/a	0.14	5.97	8.03	13.99	48.58	6.40	
14:00	4.99	6.52	8.29	11.98	18.19	0.52	1.35	n/a	0.13	6.09	7.73	13.82	51.56	6.42	
15:00	4.55	6.12	7.93	11.89	17.28	0.39	1.03	n/a	0.13	5.61	7.92	13.54	51.19	6.32	
16:00	5.07	6.67	8.37	13.22	20.52	0.47	0.51	n/a	0.14	6.90	10.18	17.08	49.23	6.32	
17:00	6.82	8.62	10.52	17.06	28.46	1.10	0.92	n/a	0.19	7.52	14.35	21.86	43.90	6.45	
18:00	12.04	13.88	15.56	22.77	33.90	1.66	1.34	n/a	0.27	5.46	14.91	20.37	42.98	6.44	
19:00	9.76	11.01	12.23	16.40	22.05	1.34	0.88	n/a	0.25	2.86	10.41	13.27	44.59	6.37	
20:00	11.18	12.48	13.82	17.61	22.46	1.11	0.78	n/a	0.28	2.46	10.38	12.81	45.01	6.46	
21:00	12.40	13.66	14.91	18.98	24.34	1.32	n/a	n/a	0.22	2.39	10.57	12.85	45.33	6.48	
22:00	10.70	11.86	12.94	16.54	21.78	0.86	0.75	n/a	0.21	4.35	15.54	19.86	40.51	6.56	
23:00	19.61	21.70	23.39	30.82	40.78	1.56	1.29	0.65	0.31	7.92	34.67	42.59	18.43	6.52	
24:00	18.53	20.46	22.11	27.87	36.59	1.10	1.15	n/a	0.29	5.15	27.01	32.16	19.77	6.58	
Min	**4.55**	**6.12**	**7.93**	**11.26**	**15.47**	**0.39**	**0.41**	**0.38**	**0.13**	**1.58**	**4.95**	**6.62**	**18.43**	**6.24**	
Max	**19.61**	**21.70**	**23.39**	**30.82**	**40.78**	**1.66**	**2.00**	**0.78**	**0.31**	**38.21**	**40.74**	**78.96**	**51.56**	**6.58**	
Medie	**9.59**	**11.40**	**13.32**	**18.34**	**25.20**	**0.84**	**0.91**	**0.51**	**0.20**	**8.85**	**15.25**	**24.08**	**37.28**	**6.40**	

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

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

Indice zilnic general	2

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