RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
18 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	11.86	12.67	13.36	14.59	16.00	1.14	1.00	n/a	0.39	0.50	8.05	8.06	40.39	13.19	
2:00	3.11	3.67	4.25	5.07	5.96	0.38	0.47	0.40	0.19	0.53	3.36	3.16	44.35	13.21	
3:00	1.69	2.11	2.54	3.32	3.95	0.31	0.38	0.39	0.17	0.52	2.29	2.08	46.01	13.28	
4:00	1.71	2.10	2.55	3.18	3.65	0.37	0.42	n/a	0.16	0.75	4.96	4.84	40.86	13.33	
5:00	1.51	1.86	2.27	2.83	3.80	0.36	0.40	0.38	0.16	1.28	5.22	5.72	40.05	13.42	
6:00	2.30	2.66	3.10	3.81	4.63	1.78	0.74	0.43	0.20	0.74	4.63	4.81	42.03	13.42	
7:00	2.27	2.64	3.05	4.11	5.18	0.75	0.51	0.40	0.20	5.67	13.42	18.97	39.47	13.39	
8:00	3.45	4.64	5.73	12.31	23.12	1.11	1.07	0.56	0.30	17.40	30.10	47.49	32.26	13.46	
9:00	3.70	4.23	4.76	6.93	9.44	0.93	1.57	0.85	0.29	17.96	28.68	46.64	35.07	13.53	
10:00	3.85	4.48	5.09	7.64	12.15	0.81	2.17	1.40	0.26	14.64	19.57	34.21	39.34	13.32	
11:00	2.68	3.53	4.47	8.08	14.35	0.77	0.67	0.54	0.22	8.35	12.94	21.28	41.81	13.40	
12:00	3.67	5.56	7.73	15.34	26.74	0.49	0.68	0.58	0.22	8.65	14.90	23.55	41.66	13.40	0.004
13:00	2.89	4.35	5.92	12.34	21.39	0.48	0.61	n/a	0.23	8.28	13.68	21.97	41.66	13.48	
14:00	4.50	5.78	7.17	11.24	17.74	0.72	1.03	0.66	0.26	10.70	18.06	28.77	37.20	13.48	
15:00	12.43	14.05	15.59	21.35	28.61	1.84	1.55	0.75	0.39	23.84	31.67	55.51	26.82	13.59	
16:00	9.84	11.41	13.22	16.96	20.90	1.32	1.93	n/a	0.38	38.69	40.70	79.39	19.53	13.63	
17:00	6.41	7.34	8.44	10.37	12.20	0.93	1.25	0.68	0.30	15.70	28.40	44.09	28.17	13.54	
18:00	8.13	9.08	10.05	11.83	13.70	1.89	1.11	0.68	0.38	9.14	19.86	29.01	32.54	13.72	
19:00	6.82	7.36	7.95	8.91	9.92	1.35	0.73	0.59	0.29	3.09	10.66	13.68	37.98	13.74	
20:00	4.96	5.51	6.14	6.88	7.99	0.67	0.66	0.56	0.26	3.57	9.57	13.08	37.33	13.63	
21:00	5.72	6.32	6.99	8.21	9.82	0.79	0.68	0.56	0.26	1.54	7.26	8.65	40.38	13.78	
22:00	4.72	5.31	6.06	7.01	7.72	0.52	0.55	n/a	0.21	1.50	7.44	8.46	44.11	13.61	
23:00	2.93	3.36	3.89	5.01	6.13	0.45	0.40	0.48	0.20	0.56	4.57	4.41	51.42	13.54	
24:00	2.78	3.31	3.95	5.25	7.36	0.38	0.45	0.49	0.18	0.46	3.47	3.05	49.95	13.74	
Min	**1.51**	**1.86**	**2.27**	**2.83**	**3.65**	**0.31**	**0.38**	**0.38**	**0.16**	**0.46**	**2.29**	**2.08**	**19.53**	**13.19**	
Max	**12.43**	**14.05**	**15.59**	**21.35**	**28.61**	**1.89**	**2.17**	**1.40**	**0.39**	**38.69**	**40.70**	**79.39**	**51.42**	**13.78**	
Medie	**4.75**	**5.56**	**6.43**	**8.86**	**12.19**	**0.86**	**0.88**	**0.60**	**0.25**	**8.09**	**14.31**	**22.12**	**38.77**	**13.49**	

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

Particule in suspensie (PM2,5)	1
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