RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
20 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	17.52	19.38	21.01	26.40	34.24	1.19	1.21	0.61	0.27	14.00	34.73	48.72	12.59	6.54	
2:00	16.35	17.79	19.21	22.71	28.40	0.94	1.13	0.59	0.21	2.42	28.54	30.97	13.59	6.59	
3:00	18.31	20.03	21.51	25.09	30.20	1.50	2.70	0.90	0.28	13.22	31.77	44.98	9.50	6.65	
4:00	17.39	18.83	20.09	23.60	28.24	1.22	2.19	0.73	0.26	7.08	25.24	32.33	12.30	6.59	
5:00	28.66	31.21	33.01	37.08	42.67	4.50	3.93	1.02	0.34	21.24	25.09	46.32	8.99	6.58	
6:00	22.28	24.67	26.75	33.12	42.81	1.86	3.72	1.43	0.42	58.22	26.44	84.67	8.37	6.74	
7:00	24.18	26.71	28.94	35.95	45.74	4.41	13.63	n/a	0.47	55.96	23.73	79.70	8.35	6.80	
8:00	21.17	24.06	26.81	35.19	45.31	1.67	4.09	n/a	0.38	80.35	31.51	111.86	8.93	6.80	
9:00	26.29	29.81	33.06	46.42	65.00	3.25	3.89	1.05	0.45	75.66	35.53	111.19	10.39	6.82	
10:00	24.41	27.30	29.78	41.10	58.74	1.35	1.55	n/a	0.27	32.29	28.27	60.56	16.84	6.76	
11:00	21.48	24.61	27.38	40.07	61.06	1.14	2.27	1.11	0.27	45.47	33.88	79.35	20.28	6.72	
12:00	14.12	15.94	17.58	23.83	35.12	0.85	1.39	0.73	0.19	23.18	19.64	42.82	29.89	6.62	0.006
13:00	13.42	15.35	17.22	23.40	33.32	0.85	1.40	n/a	0.19	24.90	19.71	44.61	34.90	6.72	
14:00	10.78	12.70	14.52	21.77	33.52	0.78	1.47	n/a	0.20	16.66	20.14	36.80	41.34	6.63	
15:00	8.41	10.02	11.40	18.45	28.62	0.66	1.10	n/a	0.16	14.20	18.33	32.53	45.22	6.74	
16:00	6.72	8.09	9.41	14.46	23.63	0.55	1.45	n/a	0.15	13.17	17.48	30.65	48.25	6.77	
17:00	7.18	9.04	10.67	16.50	25.96	1.06	1.72	n/a	0.16	13.13	23.03	36.16	45.01	6.79	
18:00	17.21	19.38	21.37	28.69	39.33	1.03	6.73	0.42	0.38	19.21	45.32	64.53	26.99	6.83	
19:00	105.92	111.93	116.74	134.75	160.82	7.39	6.11	0.26	1.03	24.21	54.84	79.05	16.81	7.04	
20:00	86.04	91.98	96.84	113.03	134.67	9.30	11.19	0.21	1.26	55.21	61.01	116.22	11.47	7.14	
21:00	91.57	96.87	101.23	112.65	127.38	3.10	6.15	0.16	0.70	64.75	53.31	118.05	9.15	7.01	
22:00	79.96	86.15	89.92	101.14	116.91	3.80	3.48	0.12	0.91	75.12	46.25	121.37	9.30	7.07	
23:00	79.00	88.21	92.03	98.63	107.19	16.38	10.67	1.79	0.95	45.15	34.54	79.69	10.02	7.00	
24:00	32.50	35.45	37.35	41.67	46.97	2.18	1.87	0.85	0.45	58.12	36.30	94.43	7.98	7.04	
Min	**6.72**	**8.09**	**9.41**	**14.46**	**23.63**	**0.55**	**1.10**	**0.12**	**0.15**	**2.42**	**17.48**	**30.65**	**7.98**	**6.54**	
Max	**105.92**	**111.93**	**116.74**	**134.75**	**160.82**	**16.38**	**13.63**	**1.79**	**1.26**	**80.35**	**61.01**	**121.37**	**48.25**	**7.14**	
Medie	**32.95**	**36.06**	**38.49**	**46.49**	**58.16**	**2.96**	**3.96**	**0.75**	**0.43**	**35.54**	**32.28**	**67.82**	**19.44**	**6.79**	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	3

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