

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
07 APRILIE 2026**



**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 | Formald ehida |
|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-----------------|-------------|--------------|--------------|--------------|--------------|--------------|------------------|
| 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 | 2.84 | 4.25 | 5.50 | 9.67 | 15.60 | 0.36 | 0.26 | 0.17 | 0.18 | 0.66 | 3.19 | 3.66 | 46.81 | 16.43 | N/A |
| 2:00 | 4.50 | 6.79 | 8.79 | 17.04 | 29.81 | 0.39 | 0.45 | 0.19 | 0.18 | 1.16 | 18.66 | 19.66 | 33.61 | 16.94 | |
| 3:00 | 4.89 | 6.66 | 8.36 | 13.41 | 21.58 | 0.54 | 0.85 | 0.23 | 0.19 | 2.42 | 19.15 | 21.48 | 25.67 | 16.59 | |
| 4:00 | 13.99 | 16.76 | 19.49 | 27.33 | 39.58 | 0.96 | 1.42 | 0.38 | 0.33 | 3.57 | 21.81 | 25.30 | 19.93 | 16.66 | |
| 5:00 | 15.35 | 17.07 | 18.57 | 22.79 | 29.20 | 3.09 | 1.55 | 0.31 | 0.35 | 6.28 | 16.30 | 22.46 | 25.03 | 16.45 | |
| 6:00 | 10.10 | 12.45 | 14.36 | 22.88 | 35.34 | 1.50 | 1.24 | 0.28 | 0.32 | 13.60 | 31.28 | 44.88 | 18.99 | 16.37 | |
| 7:00 | 11.03 | 13.82 | 16.45 | 27.81 | 43.16 | 1.18 | 1.74 | 0.31 | 0.30 | 30.96 | 49.28 | 80.24 | 9.95 | 16.58 | |
| 8:00 | 6.01 | 8.04 | 10.04 | 19.29 | 33.07 | 0.95 | 1.08 | 0.25 | 0.28 | 45.53 | 40.10 | 85.63 | 12.08 | 16.87 | |
| 9:00 | 10.21 | 12.65 | 14.63 | 26.35 | 45.43 | 1.20 | 3.12 | 0.62 | 0.29 | 19.03 | 28.32 | 47.37 | 27.53 | 16.97 | |
| 10:00 | 3.08 | 5.55 | 7.71 | 19.75 | 43.86 | 0.55 | n/a | n/a | 0.20 | 15.31 | 19.29 | 34.59 | 42.23 | 16.94 | |
| 11:00 | 2.29 | 3.96 | 5.40 | 13.74 | 26.92 | 0.59 | 0.70 | 0.25 | 0.19 | 7.24 | 8.40 | 15.64 | 48.69 | 16.54 | |
| 12:00 | 2.73 | 4.14 | 5.35 | 12.20 | 24.97 | 0.49 | 1.02 | 0.35 | 0.19 | 4.81 | 7.00 | 11.81 | 50.29 | 16.60 | |
| 13:00 | 2.78 | 4.65 | 6.18 | 17.10 | 36.89 | 0.40 | 0.60 | 0.24 | 0.18 | 4.09 | 6.25 | 10.32 | 51.49 | 16.77 | |
| 14:00 | 2.12 | 3.80 | 5.29 | 13.94 | 29.68 | 0.38 | 0.43 | 0.23 | 0.17 | 3.79 | 4.98 | 8.76 | 51.04 | 16.62 | |
| 15:00 | 2.16 | 3.64 | 4.93 | 12.37 | 27.86 | 0.36 | 0.32 | 0.19 | 0.17 | 4.10 | 5.11 | 9.22 | 51.83 | 16.50 | |
| 16:00 | 2.01 | 3.58 | 4.97 | 12.91 | 27.16 | 0.45 | 0.38 | 0.18 | 0.18 | 4.81 | 6.86 | 11.68 | 51.69 | 16.49 | |
| 17:00 | 1.90 | 3.55 | 4.98 | 14.13 | 29.18 | 0.35 | 0.63 | 0.21 | 0.18 | 6.91 | 11.25 | 18.15 | 50.20 | 16.56 | |
| 18:00 | 2.70 | 3.86 | 4.79 | 10.79 | 20.52 | 0.43 | 0.63 | 0.20 | 0.19 | 5.03 | 13.09 | 18.10 | 48.15 | 16.62 | |
| 19:00 | 3.27 | 4.49 | 5.52 | 11.17 | 21.25 | 0.50 | 0.68 | 0.21 | 0.20 | 4.92 | 14.37 | 19.29 | 47.18 | 16.51 | |
| 20:00 | 3.81 | 5.40 | 6.81 | 13.80 | 23.67 | 0.53 | 0.64 | 0.20 | 0.20 | 2.86 | 13.30 | 16.14 | 46.22 | 16.70 | |
| 21:00 | 3.13 | 4.50 | 5.80 | 11.66 | 23.32 | 0.53 | 0.39 | 0.16 | 0.20 | 2.09 | 9.70 | 11.72 | 45.91 | 16.36 | |
| 22:00 | 2.95 | 4.17 | 5.17 | 10.43 | 20.17 | 0.39 | 0.29 | 0.15 | 0.19 | 1.27 | 6.67 | 7.81 | 49.87 | 16.46 | |
| 23:00 | 3.43 | 4.56 | 5.66 | 8.89 | 13.61 | 0.41 | 0.26 | 0.14 | 0.22 | 0.75 | 4.33 | 4.93 | 48.89 | 16.33 | |
| 24:00 | 3.43 | 4.61 | 5.60 | 9.67 | 14.76 | 0.42 | 0.26 | 0.13 | 0.22 | 0.61 | 4.17 | 4.53 | 47.85 | 16.36 | |
| Min | 1.90 | 3.55 | 4.79 | 8.89 | 13.61 | 0.35 | 0.26 | 0.13 | 0.17 | 0.61 | 3.19 | 3.66 | 9.95 | 16.33 | |
| Max | 15.35 | 17.07 | 19.49 | 27.81 | 45.43 | 3.09 | 3.12 | 0.62 | 0.35 | 45.53 | 49.28 | 85.63 | 51.83 | 16.97 | |
| Medie | 5.03 | 6.79 | 8.35 | 15.80 | 28.19 | 0.71 | 0.82 | 0.24 | 0.22 | 7.99 | 15.12 | 23.06 | 39.63 | 16.59 | |

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 |

| | |
|---|---------------|
| 1 | Bun |
| 2 | Acceptabil |
| 3 | Moderat |
| 4 | Rau |
| 5 | Foarte rau |
| 6 | Extrem de rau |

| | |
|-----------------------|---|
| Indice zilnic general | 2 |
|-----------------------|---|

*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 |

*N/A - Analizorul de formaldehidă (CHOH) trimis in Finlanda pentru calibrare în laborator