

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
08 MAI 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 | 11.72 | 13.27 | 14.95 | 17.28 | 20.68 | 0.36 | n/a | n/a | 0.17 | 2.20 | 12.76 | 14.96 | 24.79 | 13.19 | N/A |
| 2:00 | 12.42 | 14.07 | 15.85 | 18.95 | 23.06 | 0.41 | 0.81 | 0.56 | 0.16 | 3.13 | 15.60 | 18.74 | 17.94 | 12.97 | |
| 3:00 | 13.47 | 15.03 | 16.74 | 19.15 | 22.54 | 0.42 | 0.78 | 0.53 | 0.16 | 4.95 | 22.87 | 27.84 | 10.83 | 12.90 | |
| 4:00 | 12.95 | 14.55 | 16.29 | 19.06 | 23.05 | 0.34 | 0.88 | 0.57 | 0.15 | 7.36 | 22.94 | 30.30 | 13.71 | 12.78 | |
| 5:00 | 14.82 | 16.80 | 18.78 | 23.67 | 30.64 | 0.55 | 0.95 | 0.58 | 0.17 | 10.38 | 32.76 | 43.15 | 6.56 | 12.89 | |
| 6:00 | 17.74 | 20.09 | 22.41 | 28.75 | 38.29 | 5.06 | 2.41 | 0.75 | 0.22 | 18.65 | 27.75 | 46.39 | 9.50 | 12.86 | |
| 7:00 | 15.94 | 19.32 | 22.79 | 33.98 | 50.19 | 0.94 | 1.44 | 0.62 | 0.21 | 68.53 | 38.53 | 107.06 | 1.83 | 13.32 | |
| 8:00 | 14.72 | 17.95 | 21.14 | 33.32 | 53.55 | 0.87 | 1.70 | 0.67 | 0.20 | 43.27 | 34.52 | 77.79 | 8.91 | 13.15 | |
| 9:00 | 8.26 | 10.94 | 13.77 | 22.58 | 35.73 | 0.31 | 0.71 | 0.60 | 0.15 | 9.13 | 10.57 | 19.71 | 37.20 | 16.18 | |
| 10:00 | 5.29 | 7.35 | 9.30 | 16.81 | 29.04 | 0.28 | 0.65 | 0.57 | 0.13 | 7.91 | 8.78 | 16.68 | 43.11 | 19.14 | |
| 11:00 | 6.70 | 8.63 | 10.61 | 16.46 | 27.76 | 0.23 | 0.52 | 0.64 | 0.12 | 4.86 | 6.68 | 11.53 | 48.38 | 21.99 | |
| 12:00 | 7.88 | 9.81 | 11.86 | 17.66 | 28.32 | 0.24 | 0.49 | 0.50 | 0.13 | 7.68 | 9.00 | 16.68 | 49.16 | 20.63 | |
| 13:00 | 7.26 | 8.80 | 10.47 | 15.19 | 23.43 | 0.18 | 0.37 | 0.52 | 0.13 | 7.77 | 10.00 | 17.76 | 50.83 | 18.04 | |
| 14:00 | 6.30 | 8.04 | 9.79 | 16.62 | 28.66 | 0.19 | 0.39 | 0.55 | 0.13 | 15.39 | 13.97 | 29.36 | 50.24 | 16.18 | |
| 15:00 | 5.04 | 6.40 | 7.83 | 12.71 | 20.92 | 0.18 | 0.45 | 0.64 | 0.13 | 11.94 | 10.87 | 22.82 | 52.62 | 14.48 | |
| 16:00 | 4.55 | 5.82 | 7.18 | 11.58 | 21.30 | 0.18 | 0.36 | 0.60 | 0.12 | 9.53 | 10.57 | 20.10 | 53.43 | 13.54 | |
| 17:00 | 5.96 | 8.04 | 9.75 | 18.04 | 35.20 | 0.41 | 1.13 | 6.24 | 0.13 | 5.68 | 6.97 | 12.65 | 51.08 | 13.66 | |
| 18:00 | 5.88 | 8.06 | 10.04 | 17.29 | 30.33 | 0.28 | 0.47 | 0.42 | 0.12 | 2.78 | 4.62 | 7.40 | 49.90 | 13.34 | |
| 19:00 | 7.39 | 8.64 | 9.81 | 13.99 | 21.76 | 0.67 | 0.80 | 0.90 | 0.15 | 2.95 | 6.07 | 9.03 | 48.57 | 13.40 | |
| 20:00 | 5.48 | 6.46 | 7.41 | 10.99 | 16.30 | 0.43 | 0.45 | 0.09 | 0.13 | 2.24 | 6.02 | 8.26 | 46.80 | 13.26 | |
| 21:00 | 7.26 | 8.24 | 9.22 | 11.50 | 15.11 | 0.34 | 0.41 | 0.67 | 0.15 | 1.52 | 6.53 | 8.04 | 42.06 | 13.23 | |
| 22:00 | 7.03 | 8.17 | 9.31 | 11.91 | 17.16 | 0.27 | 0.37 | 0.66 | 0.15 | 1.90 | 6.15 | 8.05 | 38.87 | 13.29 | |
| 23:00 | 6.82 | 8.17 | 9.48 | 13.68 | 21.17 | 0.45 | 0.43 | 0.71 | 0.13 | 2.63 | 8.72 | 11.32 | 35.29 | 13.27 | |
| 24:00 | 14.86 | 17.42 | 19.67 | 28.28 | 38.77 | 0.74 | 1.51 | 0.76 | 0.23 | 3.49 | 12.64 | 16.14 | 22.98 | 13.25 | |
| Min | 4.55 | 5.82 | 7.18 | 10.99 | 15.11 | 0.18 | 0.36 | 0.09 | 0.12 | 1.52 | 4.62 | 7.40 | 1.83 | 12.78 | |
| Max | 17.74 | 20.09 | 22.79 | 33.98 | 53.55 | 5.06 | 2.41 | 6.24 | 0.23 | 68.53 | 38.53 | 107.06 | 53.43 | 21.99 | |
| Medie | 9.41 | 11.25 | 13.10 | 18.73 | 28.04 | 0.60 | 0.80 | 0.84 | 0.15 | 10.66 | 14.41 | 25.07 | 33.94 | 14.62 | |

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

| | |
|--------------------------------|---|
| Particule in suspensie (PM2,5) | 2 |
| Dioxid de azot (NO2) | 1 |
| 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