

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES
12 Iunie 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 | 0.88 | 1.46 | 2.03 | 3.73 | 6.35 | 0.16 | 0.35 | 0.85 | 0.13 | 0.48 | 2.61 | 2.76 | 38.69 | 26.02 | N/A |
| 2:00 | 0.89 | 1.36 | 1.86 | 2.97 | 4.40 | 0.12 | n/a | n/a | 0.13 | 0.88 | 2.51 | 3.00 | 45.07 | 26.14 | |
| 3:00 | 0.65 | 0.96 | 1.31 | 2.12 | 3.13 | 0.13 | 0.30 | 1.28 | 0.13 | 0.51 | 1.94 | 2.17 | 47.28 | 26.25 | |
| 4:00 | 0.52 | 0.74 | 1.01 | 1.44 | 1.95 | 0.12 | 0.27 | 1.32 | 0.13 | 0.51 | 2.17 | 2.25 | 45.53 | 26.16 | |
| 5:00 | 0.50 | 0.84 | 1.19 | 2.56 | 3.63 | 0.11 | 0.29 | 1.34 | 0.13 | 1.03 | 3.24 | 4.04 | 43.12 | 26.17 | |
| 6:00 | 0.89 | 1.36 | 1.93 | 3.41 | 4.58 | 0.14 | 0.36 | 1.28 | 0.14 | 1.63 | 4.10 | 5.64 | 42.25 | 26.15 | |
| 7:00 | 1.17 | 1.77 | 2.59 | 4.32 | 6.28 | 0.16 | 0.35 | 1.28 | 0.15 | 2.43 | 5.63 | 8.05 | 41.33 | 26.05 | |
| 8:00 | 1.59 | 2.34 | 3.23 | 6.13 | 9.36 | 0.29 | 0.49 | 1.32 | 0.15 | 3.36 | 7.03 | 10.39 | 40.08 | 26.13 | |
| 9:00 | 2.10 | 3.15 | 4.41 | 8.64 | 15.59 | 0.29 | 0.73 | 1.46 | 0.15 | 4.00 | 6.14 | 10.15 | 38.70 | 26.24 | |
| 10:00 | 2.73 | 4.06 | 5.62 | 11.12 | 17.33 | 0.22 | 0.69 | 1.32 | 0.15 | 4.41 | 5.87 | 10.28 | 37.06 | 26.17 | |
| 11:00 | 3.05 | 4.18 | 5.52 | 9.84 | 16.54 | 0.21 | 1.19 | 1.38 | 0.14 | 5.04 | 5.52 | 10.56 | 40.20 | 26.09 | |
| 12:00 | 2.67 | 3.86 | 5.26 | 10.14 | 18.50 | 0.20 | 1.17 | 1.38 | 0.14 | 4.54 | 6.71 | 11.27 | 44.06 | 26.24 | |
| 13:00 | 2.82 | 4.05 | 5.41 | 10.41 | 17.70 | 0.18 | 0.43 | 1.36 | 0.14 | 5.37 | 7.78 | 13.16 | 46.55 | 26.23 | |
| 14:00 | 2.78 | 3.87 | 5.02 | 9.43 | 16.79 | 0.23 | 0.62 | 1.37 | 0.15 | 5.35 | 10.21 | 15.56 | 47.66 | 26.22 | |
| 15:00 | 3.54 | 5.77 | 8.17 | 15.84 | 27.27 | 0.28 | 1.72 | 1.39 | 0.15 | 6.79 | 13.01 | 19.76 | 42.87 | 26.49 | |
| 16:00 | 2.87 | 4.34 | 5.79 | 10.41 | 17.17 | 0.45 | 1.20 | 1.45 | 0.18 | 11.84 | 24.49 | 36.31 | 38.62 | 26.76 | |
| 17:00 | 2.90 | 4.00 | 5.29 | 7.82 | 11.05 | 0.26 | 0.89 | 1.55 | 0.17 | 5.76 | 16.81 | 22.52 | 39.02 | 26.65 | |
| 18:00 | 2.29 | 3.03 | 3.94 | 5.70 | 7.69 | 0.21 | 0.41 | 1.27 | 0.14 | 1.74 | 9.38 | 11.10 | 42.47 | 26.40 | |
| 19:00 | 2.31 | 3.09 | 4.07 | 5.98 | 8.06 | 0.24 | 0.43 | 1.34 | 0.14 | 1.65 | 9.66 | 11.27 | 37.24 | 26.39 | |
| 20:00 | 2.18 | 3.13 | 4.34 | 6.83 | 9.12 | 0.20 | 0.28 | 1.22 | 0.13 | 0.43 | 5.78 | 5.82 | 40.61 | 26.60 | |
| 21:00 | 2.85 | 4.26 | 6.16 | 9.78 | 13.40 | 0.42 | 0.47 | 1.21 | 0.14 | 0.91 | 11.79 | 12.44 | 34.85 | 26.51 | |
| 22:00 | 3.80 | 5.19 | 7.04 | 9.15 | 10.70 | 0.41 | 0.70 | 1.34 | 0.15 | 2.02 | 13.41 | 15.36 | 36.56 | 26.44 | |
| 23:00 | 5.19 | 6.48 | 8.14 | 10.98 | 13.82 | 0.23 | 0.56 | 1.15 | 0.16 | 3.07 | 14.95 | 17.89 | 28.98 | 26.60 | |
| 24:00 | 2.66 | 3.87 | 5.50 | 8.10 | 10.01 | 0.37 | 0.74 | 1.28 | 0.14 | 1.08 | 12.55 | 13.41 | 24.53 | 26.55 | |
| Min | 0.50 | 0.74 | 1.01 | 1.44 | 1.95 | 0.11 | 0.27 | 0.85 | 0.13 | 0.43 | 1.94 | 2.17 | 24.53 | 26.02 | |
| Max | 5.19 | 6.48 | 8.17 | 15.84 | 27.27 | 0.45 | 1.72 | 1.55 | 0.18 | 11.84 | 24.49 | 36.31 | 47.66 | 26.76 | |
| Medie | 2.24 | 3.22 | 4.37 | 7.37 | 11.27 | 0.23 | 0.64 | 1.31 | 0.14 | 3.12 | 8.47 | 11.47 | 40.14 | 26.32 | |

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

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

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

| | |
|-----------------------|---|
| Indice zilnic general | 1 |
|-----------------------|---|

*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