

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES**  
**27 IULIE 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<br>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  | 6.05  | 7.14  | 8.35  | 12.41 | 17.89 | 0.36   | 0.91   | 1.89        | 0.16  | 4.22  | 29.36 | 33.44 | 5.38  | 13.90 | N/A              |
| 2:00  | 5.60  | 6.62  | 7.64  | 12.12 | 18.04 | 0.34   | 0.73   | 1.92        | 0.16  | 6.65  | 29.90 | 36.55 | 2.48  | 14.02 |                  |
| 3:00  | 5.77  | 6.81  | 8.01  | 11.63 | 16.85 | 0.30   | 0.72   | 1.90        | 0.16  | 5.51  | 29.51 | 35.02 | 3.34  | 14.16 |                  |
| 4:00  | 5.84  | 6.87  | 7.90  | 12.09 | 18.13 | 0.32   | 0.71   | 1.96        | 0.15  | 8.27  | 26.69 | 34.91 | 3.44  | 14.38 |                  |
| 5:00  | 5.62  | 6.62  | 7.78  | 10.83 | 14.24 | 0.33   | 0.83   | 2.04        | 0.15  | 9.39  | 25.03 | 34.40 | 4.09  | 14.38 |                  |
| 6:00  | 5.61  | 6.79  | 7.99  | 12.98 | 19.48 | 0.34   | 0.90   | 2.13        | 0.16  | 30.98 | 27.05 | 58.03 | 1.96  | 14.63 |                  |
| 7:00  | 6.07  | 7.79  | 9.47  | 17.71 | 29.95 | 0.43   | 1.07   | 2.19        | 0.18  | 31.01 | 30.77 | 61.78 | 2.67  | 14.85 |                  |
| 8:00  | 6.48  | 8.80  | 11.18 | 21.42 | 37.11 | 0.53   | 1.41   | 2.21        | 0.22  | 29.83 | 34.99 | 64.83 | 10.88 | 14.77 |                  |
| 9:00  | 7.64  | 10.57 | 13.62 | 24.30 | 41.69 | 0.75   | 1.32   | 2.89        | 0.22  | 13.68 | 29.96 | 43.65 | 17.97 | 14.50 |                  |
| 10:00 | 7.05  | 8.91  | 11.09 | 16.73 | 25.58 | 0.47   | 1.17   | 2.25        | 0.22  | 21.81 | 27.22 | 49.03 | 25.03 | 14.63 |                  |
| 11:00 | 8.47  | 10.72 | 13.00 | 21.69 | 35.84 | 0.37   | 1.42   | 2.81        | 0.20  | 10.04 | 16.91 | 26.96 | 47.19 | 15.00 |                  |
| 12:00 | 7.05  | 8.45  | 9.80  | 14.96 | 21.99 | 0.32   | 0.70   | 2.43        | 0.18  | 5.47  | 11.59 | 16.98 | 58.24 | 15.75 |                  |
| 13:00 | 6.75  | 7.88  | 9.00  | 12.98 | 20.90 | 0.31   | 0.85   | 2.39        | 0.17  | 1.87  | 6.81  | 8.53  | 66.31 | 15.82 |                  |
| 14:00 | 7.48  | 8.82  | 10.12 | 14.86 | 21.73 | 0.30   | 0.65   | 2.87        | 0.18  | 1.68  | 6.61  | 8.04  | 71.35 | 15.36 |                  |
| 15:00 | 7.82  | 9.09  | 10.40 | 14.12 | 20.23 | 0.33   | 0.64   | 2.83        | 0.18  | 2.27  | 7.47  | 9.62  | 76.11 | 14.34 |                  |
| 16:00 | 8.65  | 10.13 | 11.50 | 16.64 | 25.17 | 0.32   | n/a    | n/a         | 0.19  | 2.79  | 11.94 | 14.63 | 72.89 | 14.78 |                  |
| 17:00 | 7.75  | 9.47  | 11.05 | 18.04 | 30.22 | 0.44   | 0.98   | 2.05        | 0.19  | 2.49  | 12.50 | 14.89 | 64.30 | 14.21 |                  |
| 18:00 | 8.30  | 10.04 | 11.72 | 17.46 | 26.90 | 0.36   | 0.67   | 1.86        | 0.19  | 2.25  | 10.24 | 12.35 | 63.08 | 14.55 |                  |
| 19:00 | 9.67  | 11.43 | 13.27 | 16.85 | 21.18 | 0.40   | 0.87   | 1.95        | 0.20  | 2.05  | 11.89 | 13.87 | 51.91 | 14.32 |                  |
| 20:00 | 8.96  | 11.21 | 13.64 | 20.09 | 28.96 | 0.36   | 1.02   | 1.85        | 0.22  | 5.08  | 19.74 | 24.70 | 43.67 | 14.58 |                  |
| 21:00 | 9.28  | 11.71 | 14.49 | 21.49 | 32.05 | 0.52   | 1.36   | 1.84        | 0.23  | 4.42  | 20.46 | 24.83 | 33.91 | 14.77 |                  |
| 22:00 | 10.00 | 11.96 | 13.92 | 20.43 | 30.28 | 0.52   | 1.31   | 1.84        | 0.23  | 4.41  | 30.42 | 34.81 | 22.93 | 14.80 |                  |
| 23:00 | 9.10  | 10.76 | 12.43 | 17.61 | 24.36 | 0.34   | 0.98   | 1.81        | 0.19  | 0.77  | 13.74 | 14.20 | 38.81 | 14.81 |                  |
| 24:00 | 8.75  | 10.40 | 12.22 | 17.34 | 25.28 | 0.37   | 0.78   | 1.98        | 0.19  | 1.67  | 6.74  | 7.82  | 52.06 | 14.70 |                  |
| Min   | 5.60  | 6.62  | 7.64  | 10.83 | 14.24 | 0.30   | 0.64   | 1.81        | 0.15  | 0.77  | 6.61  | 7.82  | 1.96  | 13.90 |                  |
| Max   | 10.00 | 11.96 | 14.49 | 24.30 | 41.69 | 0.75   | 1.42   | 2.89        | 0.23  | 31.01 | 34.99 | 64.83 | 76.11 | 15.82 |                  |
| Medie | 7.49  | 9.13  | 10.82 | 16.53 | 25.17 | 0.39   | 0.96   | 2.17        | 0.19  | 8.69  | 19.90 | 28.49 | 35.00 | 14.67 |                  |

**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)                      | 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  |

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