

12 What is the angular velocity of the Earth as it rotates on its axis?

- A  $1.75 \times 10^{-3} \text{ rad s}^{-1}$
- B  $1.99 \times 10^{-7} \text{ rad s}^{-1}$
- C  $4.36 \times 10^{-3} \text{ rad s}^{-1}$
- D  $7.27 \times 10^{-5} \text{ rad s}^{-1}$