

66. The time being considered is 6 years and roughly 235 days, which is approximately $\Delta t = 2.1 \times 10^7$ s. Using Eq. 2-3, we find the average speed to be

$$\frac{30600 \times 10^3 \text{ m}}{2.1 \times 10^7 \text{ s}} = 0.15 \text{ m/s} .$$