

# Meteorology Unit Study Guide

What is wind?

**Defining air flow and area of flight for better pressure**

What is wind speed?

**How fast air flows around you? Speed, but velocity and wind speed are different**

What is the average wind speed around the globe?

**Global average WINDS: 10 mph / 16 km/h (10 m/s) / 22 mph**

What is the average wind speed around the globe?

**10 m/s**

What is the average wind speed around the globe?

**10 m/s (22 mph) / 10 m/s (22 mph) / 10 m/s (22 mph)**

**10 m/s (22 mph) / 10 m/s (22 mph) / 10 m/s (22 mph)**

**10 m/s (22 mph) / 10 m/s (22 mph) / 10 m/s (22 mph)**

What is the average wind speed around the globe?

**10 m/s (22 mph) / 10 m/s (22 mph) / 10 m/s (22 mph)**

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What is the average wind speed around the globe?

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# **Meteorology Study Guide Answers**

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 $900 \times 2\pi / 60 \text{ rad/s}$   $\omega = 0$  and  $t = 60 \text{ s}$  hence angular deceleration  $\alpha = \pi / 2$  question 3 a bus is moving in a circular track of radius  
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