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Satellite Winds Module Assessment Questions

(Please refer to http://cimss.ssec.wisc.edu/satmet/modules/sat_winds/index.html)

- 1) What are routinely used to determine atmospheric wind speed by tracking the movement of winds?
 - 2a) If a cloud caught the "jet stream express" and traveled 100 miles in 20 minutes, how fast did it go?
 - 2b) What was its speed in miles per hour?
- 3) What is an advantage of deriving wind speeds (and direction) from satellite images?
- 4) In tracking clouds we have additional problems besides not knowing the actual path of the cloud. What are some of these additional problems?

Satellite Meteorology for Grades 7-12, CIMSS, UW-Madison