

## Satellite Winds

(Online module at [http://cimss.ssec.wisc.edu/satmet/modules/6\\_sat\\_winds/sw-1.html](http://cimss.ssec.wisc.edu/satmet/modules/6_sat_winds/sw-1.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?