

Name_____

Weather Satellites and Orbits

(Please see on-line module at http://cimss.ssec.wisc.edu/satmet/modules/sat_basics/index.html)

- 1) What year was the first satellite launched?
- 2) What country launched the first satellite and what did they name it?
- 3) What Wisconsin scientist pioneered satellite meteorology research and became known as the “Father of Satellite Meteorology”
- 4) When was the first weather satellite launched and what country accomplished this?
- 5) What are the two main types of satellites? Which is closest to the Earth?
- 6) What type of satellite is used to track large scale weather systems?
- 7) What type of satellite is better for viewing small scale features on the Earth over a single country?
- 8) What are the two main types of remotes sensing instruments flown on weather satellites?
- 9) Which radiometers can collect data at night? Why?
- 10) Satellite technology is one of the biggest scientific breakthroughs of the 20th century, name at least 2 more and list your reasons for your choices.