

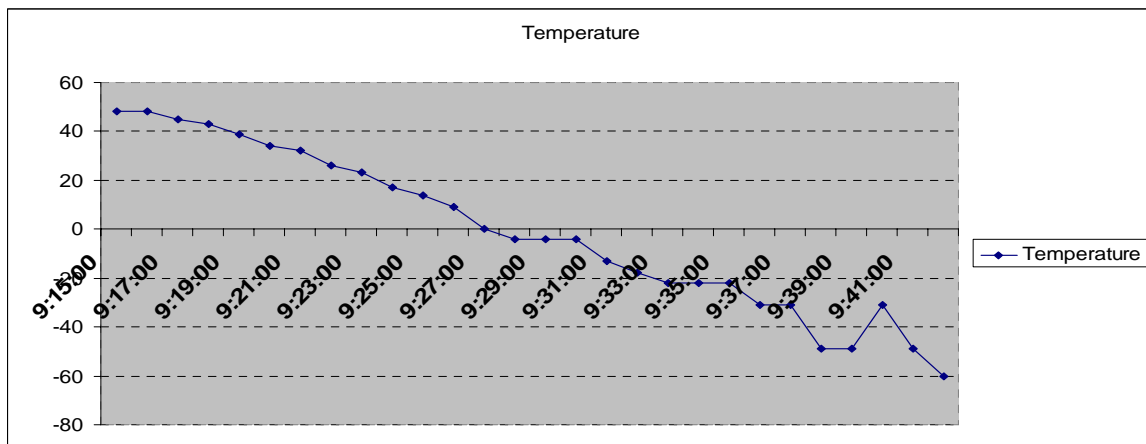
University of Louisiana's C.A.P.E. Team Launches Test Balloon

December 18, 2004

The Cajun Advanced Picosatellite Experiment, C.A.P.E., Team launched their second test balloon on Saturday December 18, 2004. The payload, CS2, contained a digital processing unit that measured temperature. The test flight reached an estimated altitude of 100,000 feet. The test flight started at 9:10 a.m. and had an estimated flight duration of 1.5 hrs. The team also tracked and monitored the temperature



readings of CS2 from a ground station setup in Lafayette, Louisiana. The team was able to track the payload until 10:36 a.m. The team was able to record temperature with respect to time throughout the flight. The following graph represents temperature versus time.



The team is currently analyzing the data in order to make a final conclusion for the flight. The next flight, CanSat1, is scheduled for January 22, 2005. CanSat1 will contain a multiprocessing subsystem that will measure temperature, humidity, pressure, and also contain G.P.S coordinates.