

AP Calculus Final Project

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Abstract

This is an analysis of data taken from the GOSH Flight Path PredictorTM. Four separate sets of data were analyzed: temperature vs. density, wind velocity vs. pressure, wind angle vs. wind velocity, and wind velocity vs. altitude. Each is discussed in more depth in subsequent parts.

Part I. Wind Velocity vs. Altitude

This data seems to have two points that are of great interest.

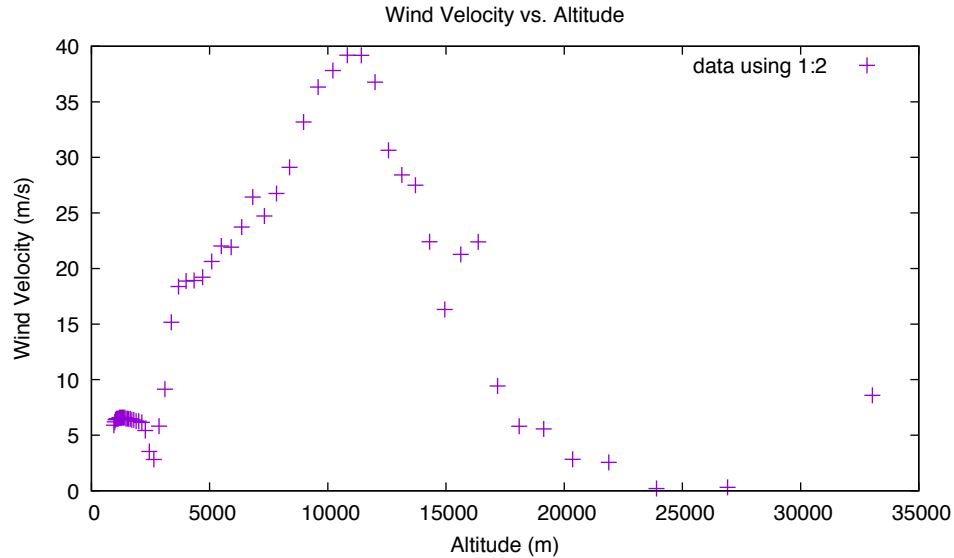


Fig. 1: Test

Part II. Temperature Vs. Density

Part III. Wind Velocity vs. Pressure

Part IV. Wind Angle vs. Wind Velocity