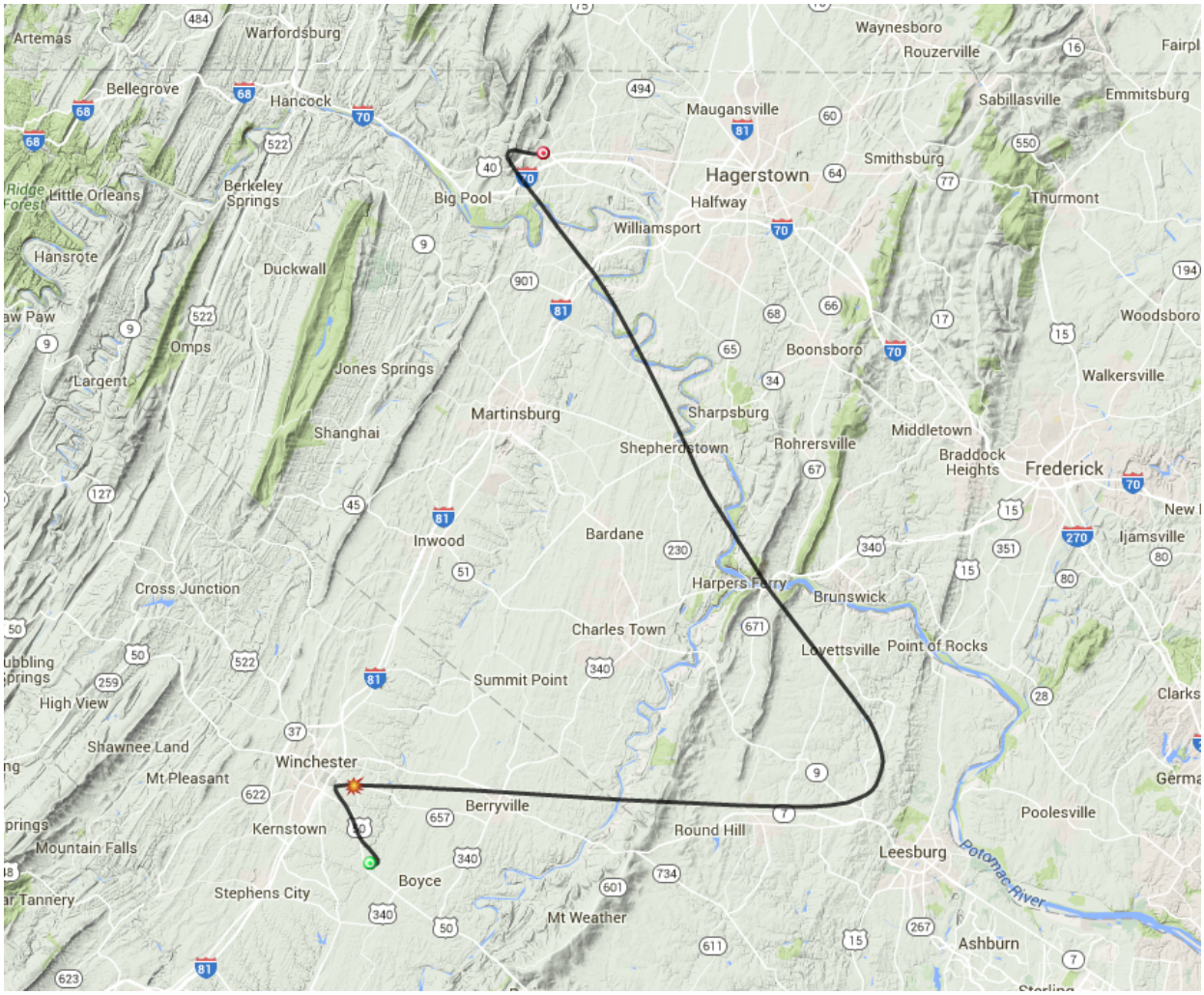
NS-55 Confirmed for Saturday June 25.

As our balloongineers are working hard on final touches to their payloads, the University of Maryland Balloon Payload Team is proud to confirm our NS-55 launch for Saturday, June 25, 2016.

The time and location for the launch, as always, is Clear Springs Elementary School (12627 Broadfording Rd, Clear Spring, MD 21722) around 8 AM. Link to Google Maps **here**.

The launch team will meet at the Space Systems Lab parking lot at 4:30 AM Saturday morning, arriving at the Clear Spring McDonalds around 6:00 AM. Set up will begin in the parking lot of Clear Spring Elementary School at 7 AM, and the balloon and payload release will occur around 8 AM.

Current Ground Track Predictions



The preliminary ground track predicts the balloon burst to be around Winchester, Virginia, and the landing to be in Boyce.

Payload Lineup

Command Module

Command Module is the main tracking and telemetry payload for every flight. LINK, a past payload that sent commands to the balloon from the ground station, will be combined with Command Module for this and all future launches.

Bach's Box

Frequent flyer Bach's Box is flying again with a dust sensor, multiple pressure/temperature/humidity sensors, and a GoPro to collect atmospheric data.

TurtleNest

TurtleNest is a payload flying various sensors including a GPS module. It is also one of the payloads flying a camera. The photos will be available post-flight!

SCORCH

SCORCH is an experimental payload that will be testing a new cut-down method to be used for future flights.

BADASS/HOSTed
The BADASS payload is designed to provide attitude stability to a hosted payload, HOSTed. HOSTed will be collecting IMU data in addition to taking pictures.

Any Questions?

Please contact Dr. Mary Bowden.

Email: **bowden@umd.edu**

Phone: (301) 275-7723

Live Updates

You can follow our live tweetup of the launch day **here**.

You can also track us on the **APRS website** using UMD's callsign: **W3EAX-9**.

*The NearSpace High Altitude Balloon Team thanks the **Maryland Space Grant** for its continued support and effort to make our program possible.*

Space Systems Laboratory
University of Maryland
382 Technology Drive
College Park, MD 20742