
[BPP] Change in NS-62 Launch Day and Location

1 message

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Fri, Mar 31, 2017 at 5:23 AM

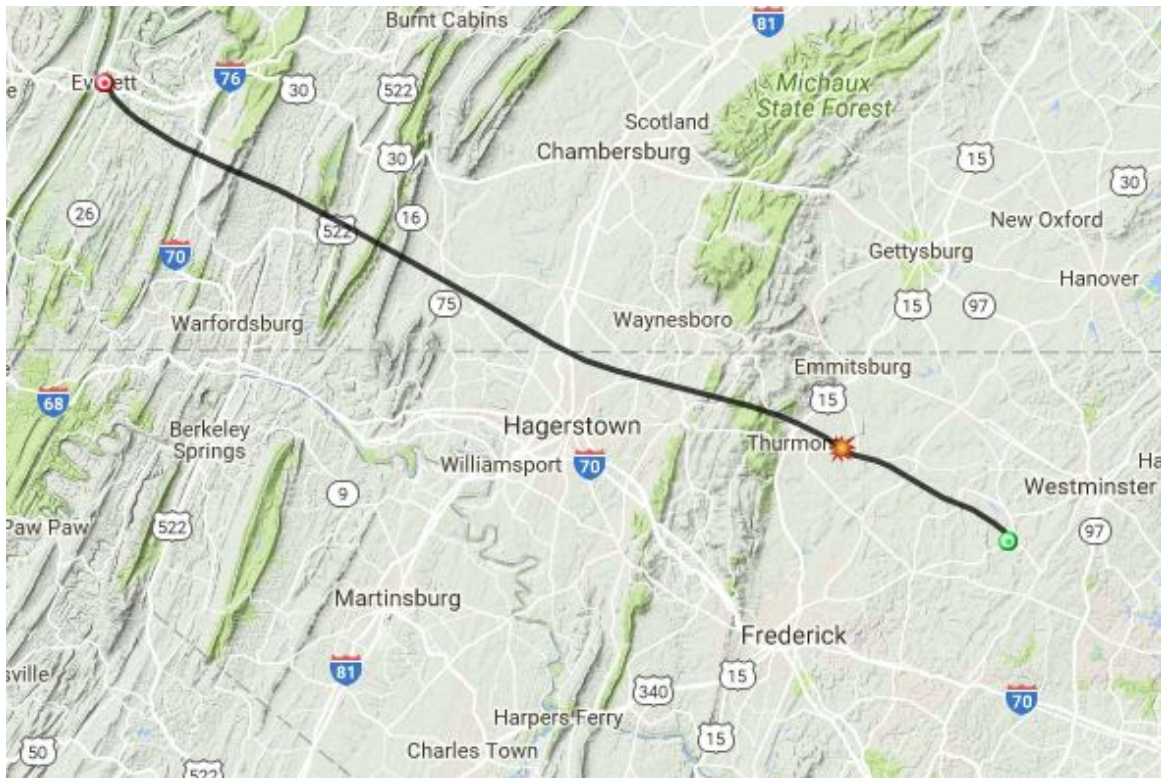
To: umdballoonpayloadprogram@googlegroups.com, umdballoon-friendsandfamily@googlegroups.com, umdballoon-vips@googlegroups.com

Web Version

**NS-62: First Launch of 2017 Moved to Sunday!**

The first launch of the Spring 2017 semester has been moved to **Sunday, April 2nd**, due to weather conditions. The launch location will likely be in Everett, PA, but the ground track is subject to change slightly as the day draws closer. So if you're planning on joining us as we fly all of the payloads of our ballooneers, be sure to check your emails until 4AM Sunday morning before heading out!

Preliminary Ground Track



Payload Lineup

The payload lineup for NS-62 is as follows (subject to change):

- **Command Module:** The main tracking and telemetry payload. This launch, there will be a new, smaller Command Module in preparation for our double launch, NS-62 and NS-63.
- **Helios:** An experimental payload attempting to vent helium out of the balloon to reach higher altitudes.
- **Decent Rate of Payloads (DROP):** A payload measuring ascent and descent velocity of the balloon.
- **Mechanically Actuated Release System (MARS):** A mechanical cut down system that works using a linear actuator. The payload string will contain two MARS units on this flight.
- **Guided Landing Involving Directional Rotation (GLIDR):** A payload that will be cut down while measuring pressure, temperature, time, GPS location, and mission time.
- **Bach's Box:** The veteran weather payload.
- **Glenelg Country School Payload:** The Glenelg Country School payload will be measuring temperature, atmospheric pressure, and altitude. It will also take pictures throughout the entire flight.
- **IRENE:** A payload that gathers radiation data in the atmosphere

Join Us! Balloon Launch Details

When:

Sunday, April 2, 2016

Where:

Everett Area Middle/High School

1 Renaissance Cir, Everett, PA 15537

[Google Maps](#)

Tentative Schedule

If you plan on joining us, please dress warmly and in layers! We suggest wearing long pants and good hiking shoes in case we need to hike through the woods to recover the payloads.

The tentative schedule is as follows:

4:00 AM - Departure from the Space Systems Lab parking lot.

6:15 AM - Projected arrival at the McDonald's in Breezewood: 123 South Breezewood Road, Breezewood, PA 15533.

7:00 AM - Arrival at the Everett Area Middle/High School launch site.

8:00 ~ 9:00 AM - Launch!

Any Questions?

Please contact Dr. Mary Bowden.

Email: bowden@umd.edu

Phone: [\(301\) 275-7723](tel:(301)275-7723)

Live Updates

Follow our live tweetup of the launch day [here!](#)

You can also track us on the [APRS website](#) using UMD's callsign: **W3EAX-8** & **W3EAX-12**.

Join us on our Zello (app) channel UMD NS-62!

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

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