
Urgent: Balloon Launch Moved Back To SATURDAY!!!

1 message

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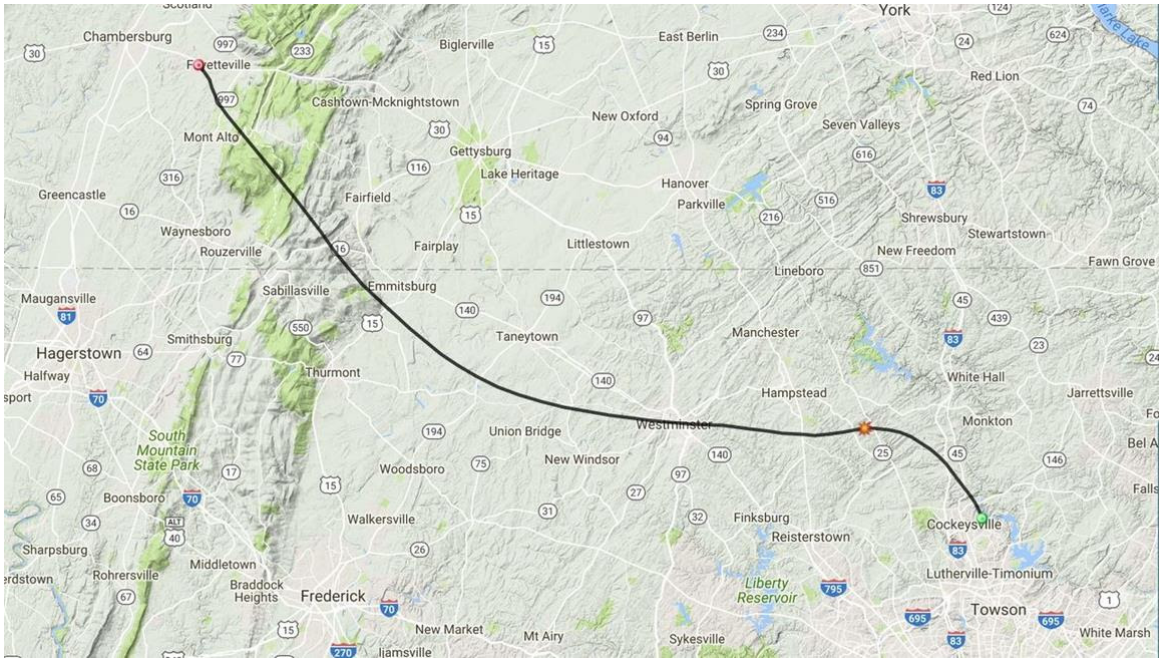
To: umdballoonpayloadprogram@googlegroups.com, umdballoon-friendsandfamily@googlegroups.com, umdballoon-vips@googlegroups.com

Web Version

**NS-62 Launch Moved Back to Saturday!**

The first launch of the Spring 2017 semester has been moved again! The weather is being tricky, but we have finally settled on a launch day and location: **Saturday, April 1st** (tomorrow morning!), from **Fayetteville, PA**. Nothing is set in stone until the morning of the launch though, so if you are planning to join us **don't forget to check your email at 5AM tomorrow (Saturday) morning, before you leave for the launch, in case we need to cancel or adjust launch again!**

Preliminary Ground Track



Join Us! Balloon Launch Details

When:

Saturday, April 1, 2017

Where:

**Norlo Park, Fayetteville, PA
3050 Lincoln Way E, Fayetteville, PA 17222**

[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:

5:00 AM - Departure from the Space Systems Lab parking lot.

6:40 AM - Projected arrival at McDonald's: 1075 Lincoln Way E, Chambersburg, PA 17201

7:00 AM - Arrival at the Norlo Park launch site.

8:00 ~ 9:00 AM - Launch!

Updated Payload Lineup

The payload lineup for NS-62 is as follows:

- **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-63 and NS-64.
- **Helios:** An experimental payload attempting to vent helium out of the balloon to reach higher altitudes.
- **Barometric and Atmospheric Statistical Inquiry Collaboration (BASIC):** A payload providing data visualization of standard barometric and atmospheric readings and gas concentrations during balloon flight.
- **Mechanically Actuated Release System (MARS):** A mechanical cut down system that works using a linear actuator. MARS will be dropping the GLIDR payload on this launch.
- **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

Any Questions?

Please contact Dr. Mary Bowden.

Email: bowden@umd.edu

Phone: (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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