

## Online Balloon Flight Path Prediction Software User Guide

1. The Flight Path Prediction Software (FPPS) is located at the link below:
  - a. <http://www.nearspaceventures.com/>
    - i. Once at this site the FPPS link is located on the left side.
2. After following the link enter the requested information.
  - a. Here are some latitudes and longitudes for the area that can be used. Adjust as needed so as to get the landing as close to just about 5 miles north of Colfax as possible.

	Lamont	Sprague	Washtucna	Intersection of Harder Rd and Ritzville-Benge Rd
Latitude	47.207325	47.299722	46.759606	47.052464
Longitude	117.897205	117.973423	118.310566	118.117275

- b. Set "ascent rate" and "descent rate" to **1000** fpm.
    - c. Set "burst alt." at **90000** feet.
    - d. Data Source is "**PUW**" or "**SFF**" for Spokane.
    - e. **Click** the GFS Model (0-180 hours, 3 hrly)
    - f. **Submit**
3. On the top of the next page you need to "**Select a date/time nearest to your launch.**"
  - a. Use the launch date with **6 UTC**.
  - b. Follow the instructions from here on.
  - c. Select "**Get Profile**"
4. Copy – paste.
  - a. **Submit**
5. Link to "**Plot tracks on Google Maps**"
6. Perform a **screen shot** of the plot and save.
7. On the link tab link to "**Download TNC Formatted GPS track log**" and save.
8. Go back to the link tab and click on the link "**Raw test of ARL READY report**" and save.