

Balloon Flight Trajectory Worksheet - Expert



Balloon Flight Predictor: <http://goo.gl/NEBAf>

Go to the above site and in the lower right portion of the screen you will see a place to enter the following parameters.

Parameter	Value	Instructions
Launch Site	Other	
Lat / Lon	/	Use Google Maps to find Lat Lon of our launch. Right click on the map and choose 'Drop Lat Lng Marker'
Launch altitude	m	Find the altitude of Casperson Park in meters
Launch time	UTC	Enter the time we are launching in UTC. UTC is the same as Greenwich Mean Time (GMT).
Launch Date		Enter the date we are launching
Ascent Rate	m/s	Enter in ascent rate in meters per second. We are targeting 1000 feet per minute.
Burst Altitude	m	Enter in the Burst Altitude in meters. We are targeting 95,000 FEET.
Descent Rate	m/s	Enter in ascent rate in meters per second. We estimate our descent will be 2500 feet per minute.
GFS Definition	GFS	Just use GFS.
Lat/Lon Deltas	Lat 3 Lon 3	Leave at default value of 3.

Now click "Run Prediction" and zoom in on the results.