

OCTOBER ANNULAR ECLIPSE TETHERED TEST LAUNCH Sept 22, 2023



Setting up the balloon launch point



Attaching the vent



Balloon is inflated



Ground Station is ready

Club members Dr. J. Pallis KC1MHU, Gary WE1M and Larry Reed AB1JC along with University of Bridgeport & University of New Haven Graduate students met at the University of Bridgeport's Marina Park on September 22, 2023. There they put together the components of the balloon they will launch in Texas next month and tested the equipment with a tethered balloon full of helium.

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Launch with tethers



Raise the altitude



Payloads are in the air



Altitude is fine, testing all systems

It is estimated the balloon reached several hundred feet, which was sufficient to test the balloon payload, ground station, and the connections to Univ. of Montana. The students also practiced on the actual hardware they will use next month in TX for the real eclipse. All worked well, all was recovered and data was captured. This was a highly successful test. Congratulations to all involved!