

MUUG Meeting

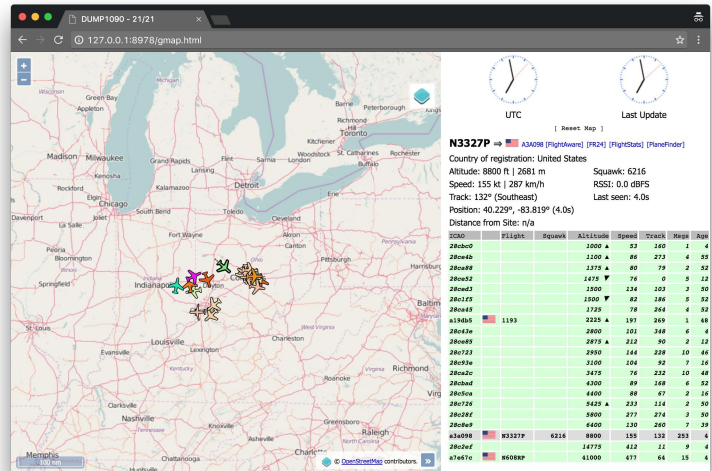
The Manitoba UNIX User Group

Date Change: Tuesday, October 18th, 2022

Time: 7:30pm

Topic: Tracking Aircraft with an RTL-SDR and a RaspberryPi by Wyatt Zacharias

Automatic Dependent Surveillance-Broadcast, or ADS-B, is a modern aircraft safety system that broadcasts an aircraft's identification and position data to other aircraft and ground stations. Using an off-the-shelf RTL-SDR receiver and a RaspberryPi, we can decode these messages to track aircraft in our vicinity.



Wyatt will show how to install the **dump1090** software used to decode the messages, and the different third-party aggregation sites that collect ADS-B information to provide real-time flight tracking around the world.

The latest meeting details are always at:

<https://muug.ca/meetings/>

Where to Find the Meeting:

muug.ca



This month we will again use Big Blue Button as our meeting site. Check muug.ca for URL.

The virtual meeting room will be open by 7:00 pm on the meeting night, with the actual meeting starting at 7:30 pm.

Parking is available using your most comfortable chair, in front of your favourite browser.