How to download flight data from Quanum Nova

Note: Mission Planner is written by Ardupilot people, not Quanum

Install Mission Planner (ardupilot.com/downloads/) if moved, google 'Mission Planner Download'
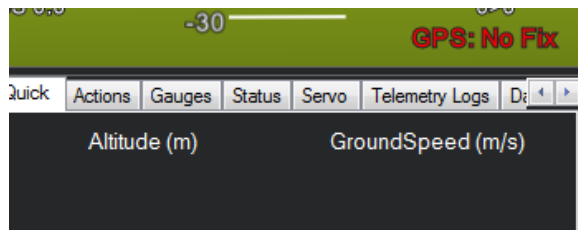
Plug in the battery, once the flight controller stops beeping, connect the USB cable. Don't turn on your RC transmitter, not good can come from it.

Open mission planner, click connect in top right hand corner.
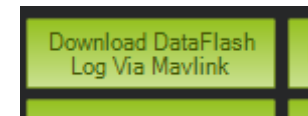

You will be prompted to upgrade/update etc, don't. DO NOT UPDATE YOUR FIRMWARE etc, click the X in corner not to. (Not shown)
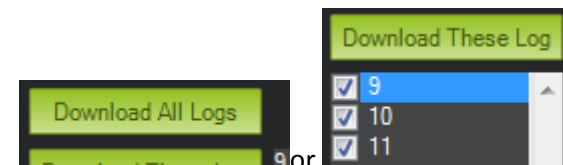
Once it connects, click on the 'DataFlash logs', it is next to 'Telemetry Logs'
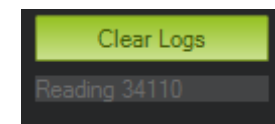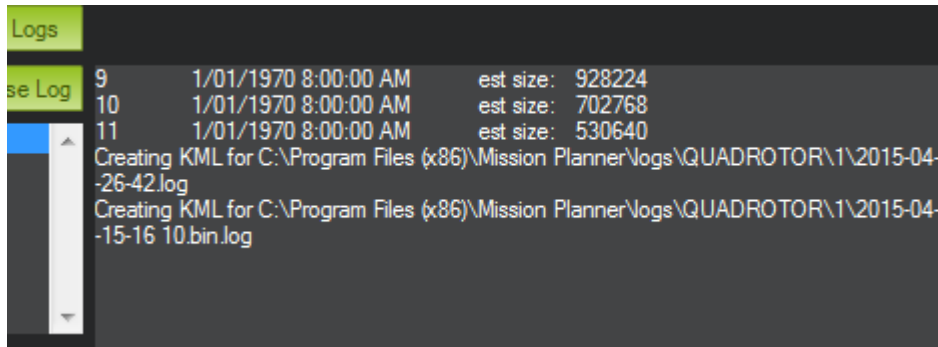

Click 'Download Dataflash Log via mavlink'

Choose either to download all logs or click the flight number that you want to download, then 'download these log'

It takes about 2 minute to download 15 minutes of flight date, be patient, status of current flight is in grey below 'Clear logs'
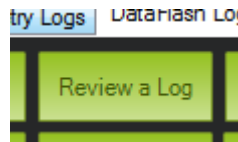
Once each flight is downloaded from the flight controller and saved, you get a summary in the window.

You will see a tree of with variables, you can left or right click the tick box and it will plot the variables vs time or step number.
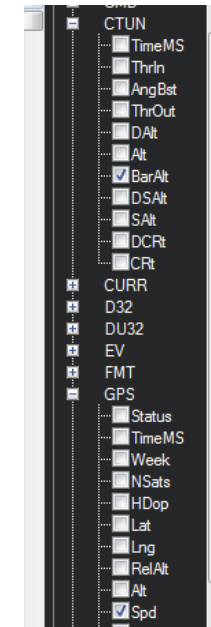

Now you have saved the logs to your PC, you can see the path that it saved in you the window (above). You can close the little window that you used to download the log.
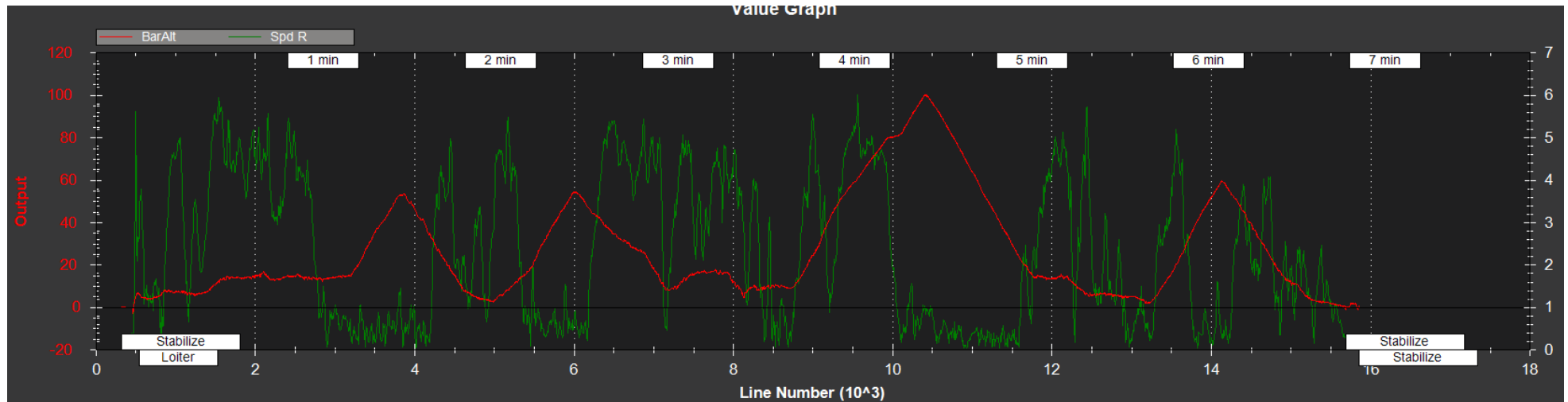
Click the 'review a log' button and choose one of the flights you just downloaded (bin and txt files are just copies of each other)
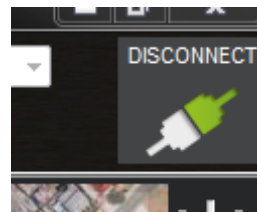
For example, I left clicked on BarAlt (assumedly the altitude as measured by the barometer) and right clicked Spd (the speed as measured by GPS).

You see the left hand axis is for altitude (in meters) and the right hand axis is for speed (in meters per second).

Once you are done, click disconnect. Unplug the USB cable and disconnect the battery

Seriously, if you update your firmware or otherwise update your quadcopter you will probably make an expensive Frisbee.