

# Natural Radio

*News, Comments and Letters About Natural Radio*

**July 2000**

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This is going to be a very short column this month. As usual, everything has piled up here at work since I decided to take a vacation this month and it's been a couple weeks of fourteen hour days. We are leaving on the trip to Red Lake, Ontario, within the hour so I am hoping there will much to report next month.

The receiver I have been working on is finally past the breadboard stage. I've optimized the bias on the filters, which has made the output a lot cleaner. A prototype with real soldered connections rather than clip leads, is going along on the Canada trip, so it should be a good chance to get the remaining bugs out.

There was some correspondence this month. Jim Stoughton has been upgrading his design of the cart recorder at an alarming rate, so by the time I finally publish the article later this summer, it's going to be a pretty well developed piece of equipment.

I apologize to not responding to written correspondence this past month, but the work schedule has been way too hectic. As things calm down in July I can get back to letter writing.

Dave Laida writes that he is moving to Rome, NY. So my wish for a listener in the Northeast is fulfilled. Dave has made some interesting comments on whistler receiver design which I concur with, which I will publish and comment further on next month.

Meanwhile, the car is packed, the kids are waiting and I'm outta here.

## Natural Radio Log

Month Day	Time UTC	What Heard (whistlers/hour where applicable)	ID Grid Sq.
05/13	1735-1750	A Strong Pc3 magnetic pulsation event rising up to the Pc2 band. (70 mHz - 100 mHz.)	JL-CN87

**JL - John Lauerman, Issaquah, WA.** Equipment - Homebrew VLF Receiver, 300 Hz - 20 kHz. Homebrew ELF/ULF/SLF Receiver 0.03 to 300 Hz., 47,000 turn loop.