

Subject: [radiojove-data] 07 Dec 2015 Io-C

From: Dave Typinski <davetyp@typnet.net>

Date: 12/08/2015 22:26

To: RadioJove-Data <radiojove-data@lists.nasa.gov>

Adding to Tom & Jim & Nathan & Wes's nice reports, here's some Io-C from Monday morning.

LCP dominant L bursting 0958-1128 UTC from 16 to 21 MHz, positive then neagtive drifting emission envelope, Minor (negative slope) modulation lanes visible.

There is a low frequency glorp of randomly polarized emission around 0955 UTC. Have no idea what that is. The Sun was 30 degs below the horizon, and the SWPC shown nothing at that time.

There was some Io-A kinda sorta visible prior to Io-C. For Io-A, Jupiter was low enough on the horizon (30 to 40 degs elevation) that it made the polarization all wonky in the TFD array, what barely little there was to see. The TFD array is great within a few hours of zenith, but the trade off is that it's not so useful for low elevation stuff.

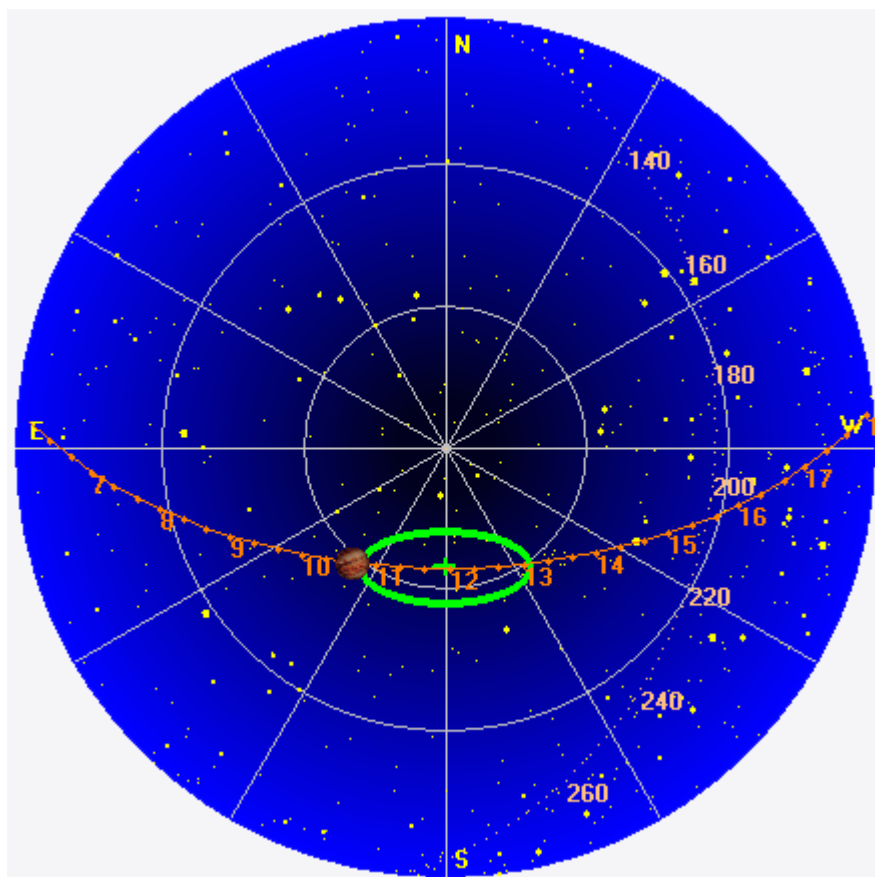
Jupiter was -30° to -8° off axis (for Io-C).

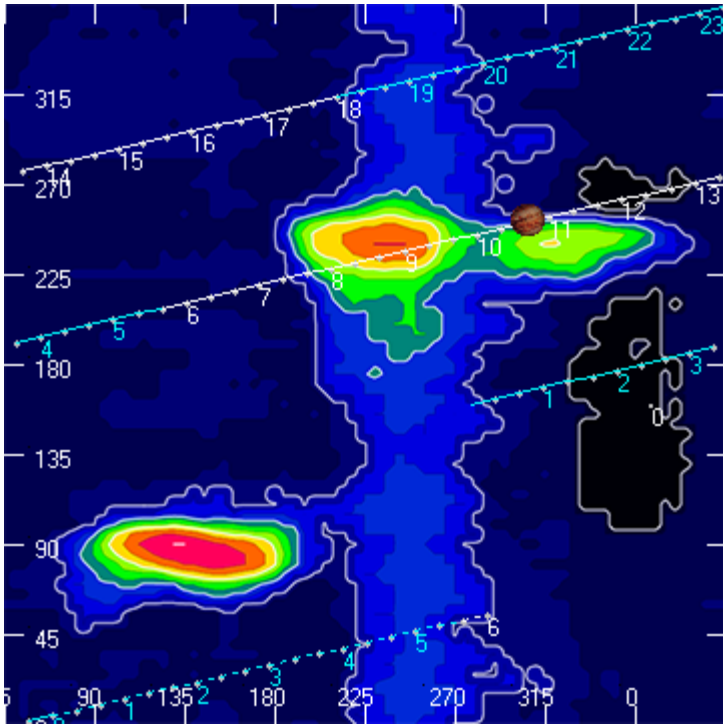
Jupiter was leading the Sun by 83° .

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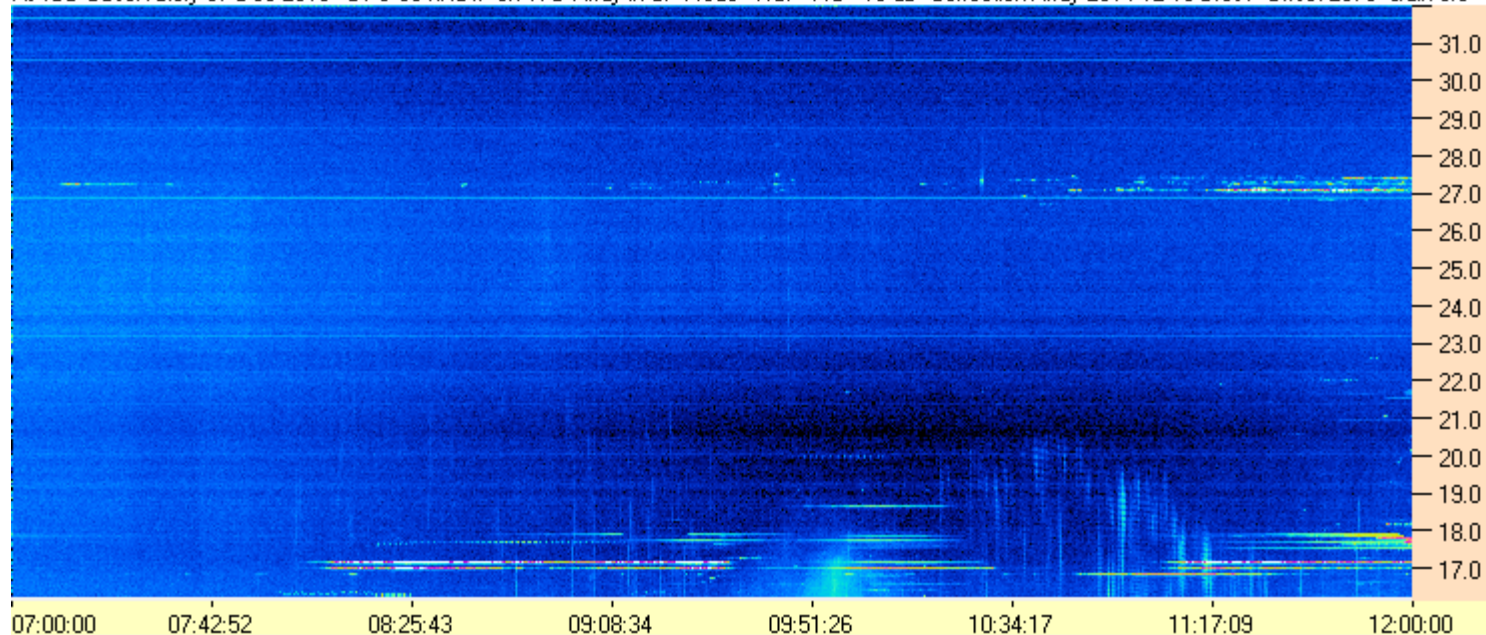
Dave

AJ4CO Observatory 07 Dec 2015, log entry 491

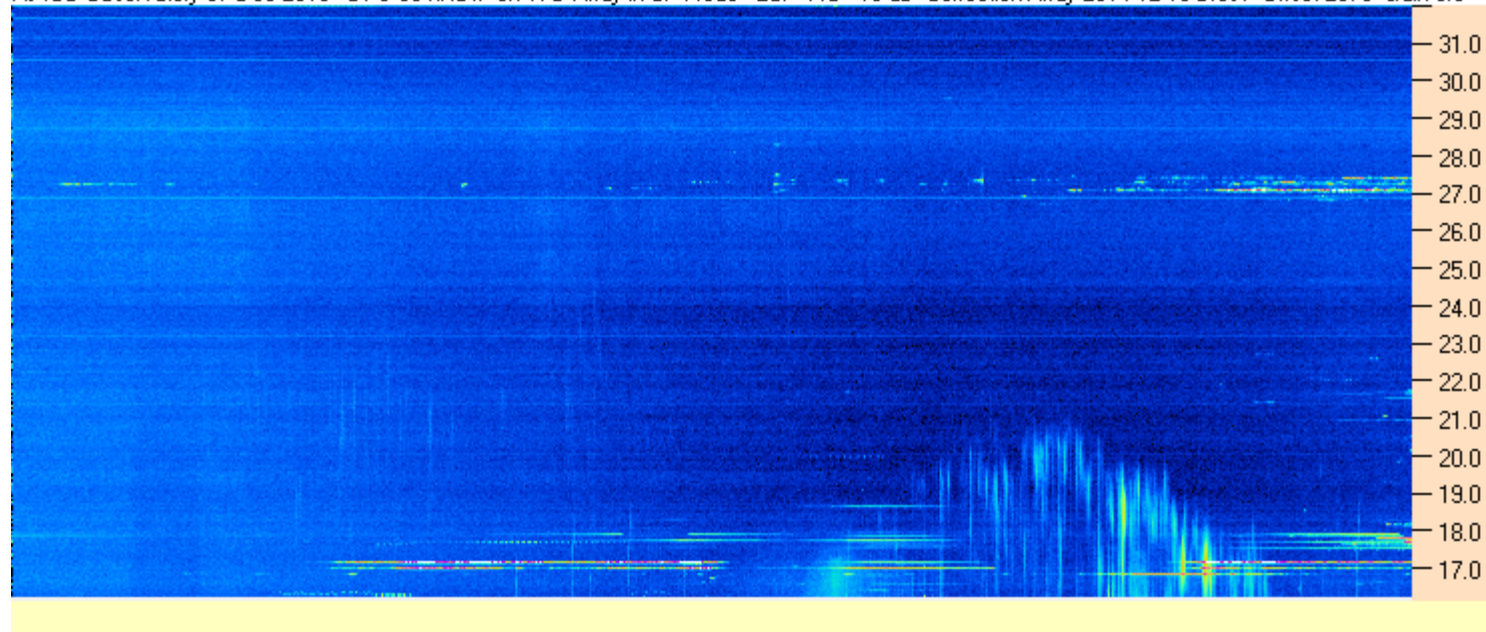




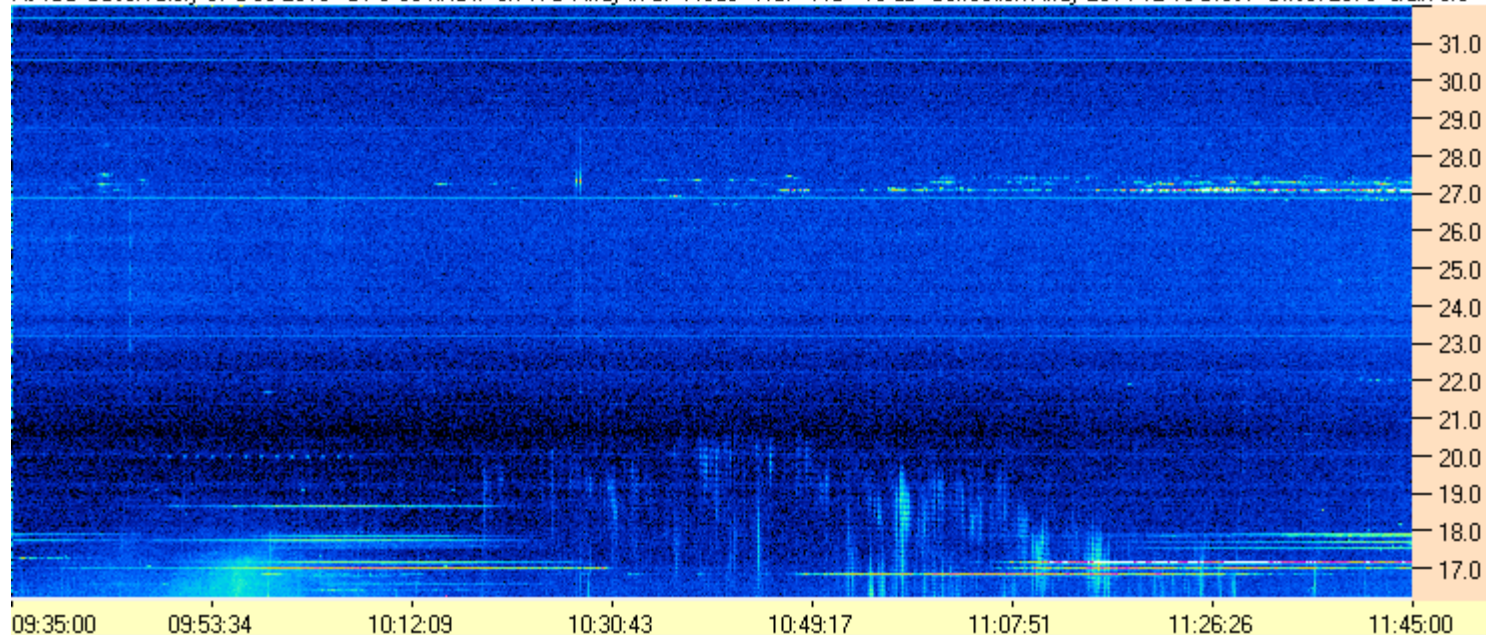
AJ4CO Observatory 07 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2075 Gain 5.0



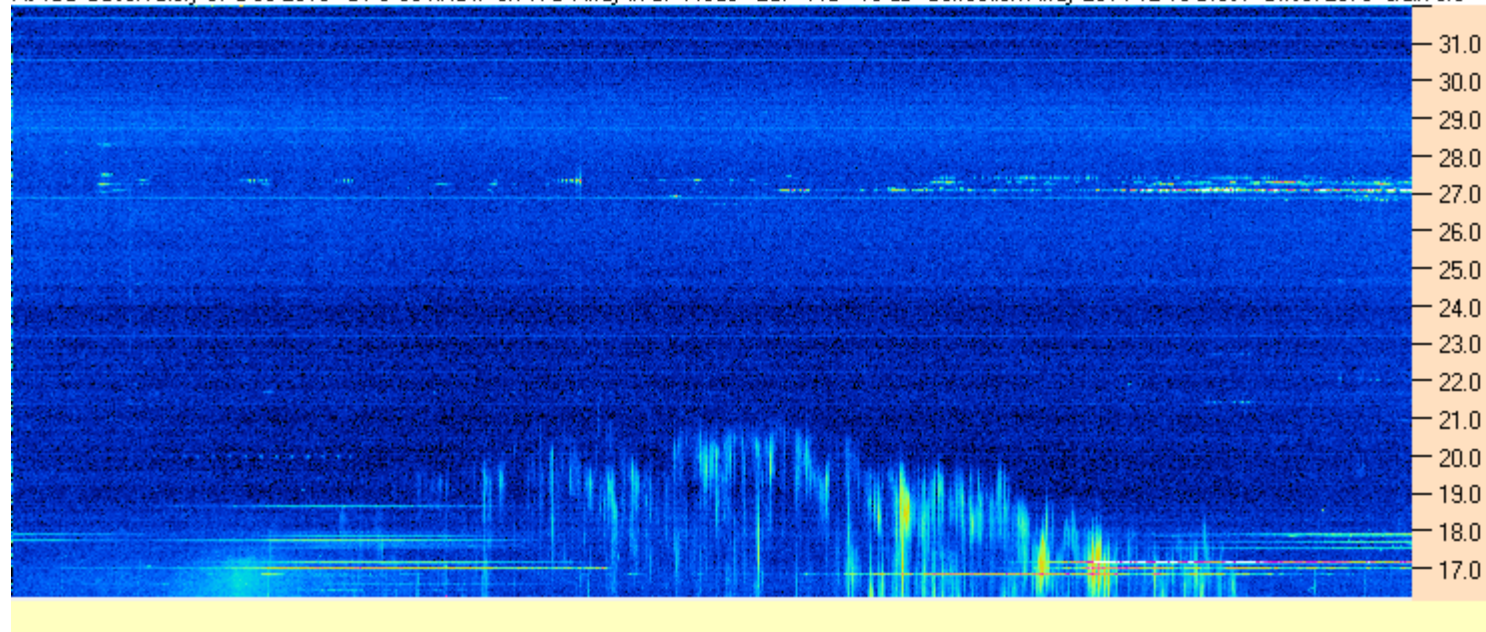
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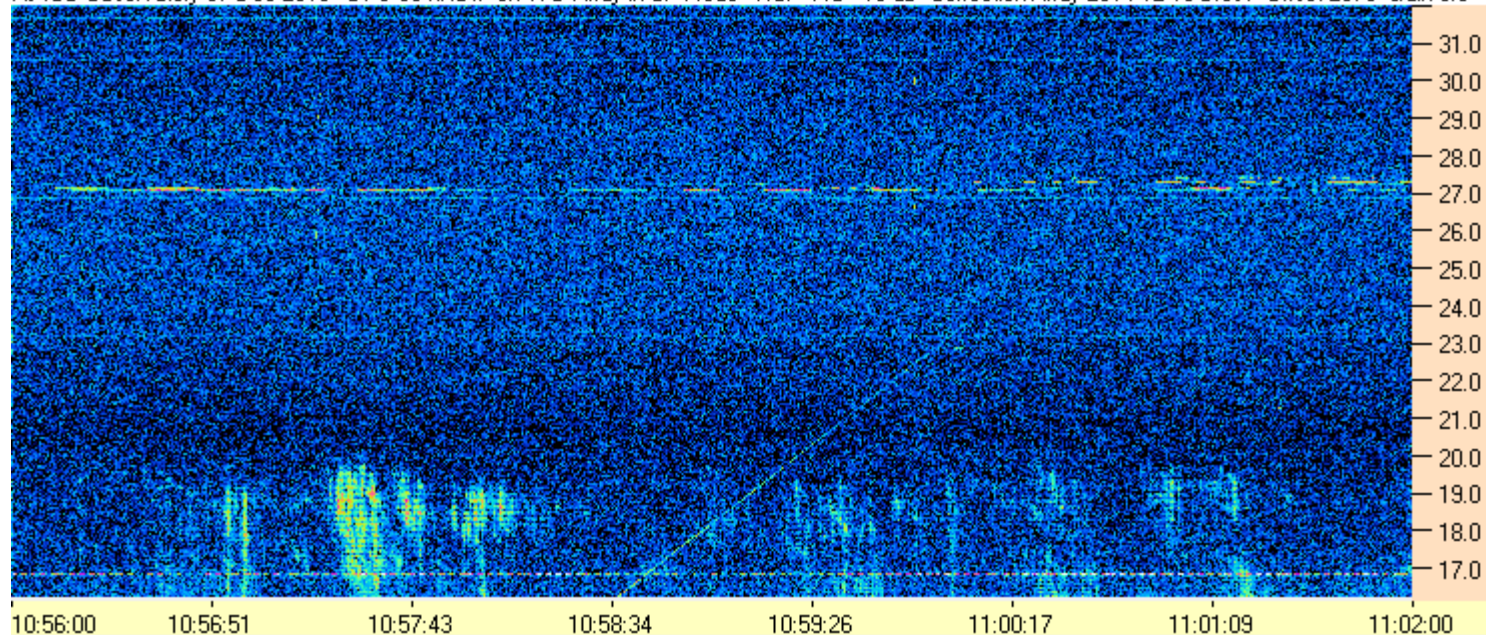
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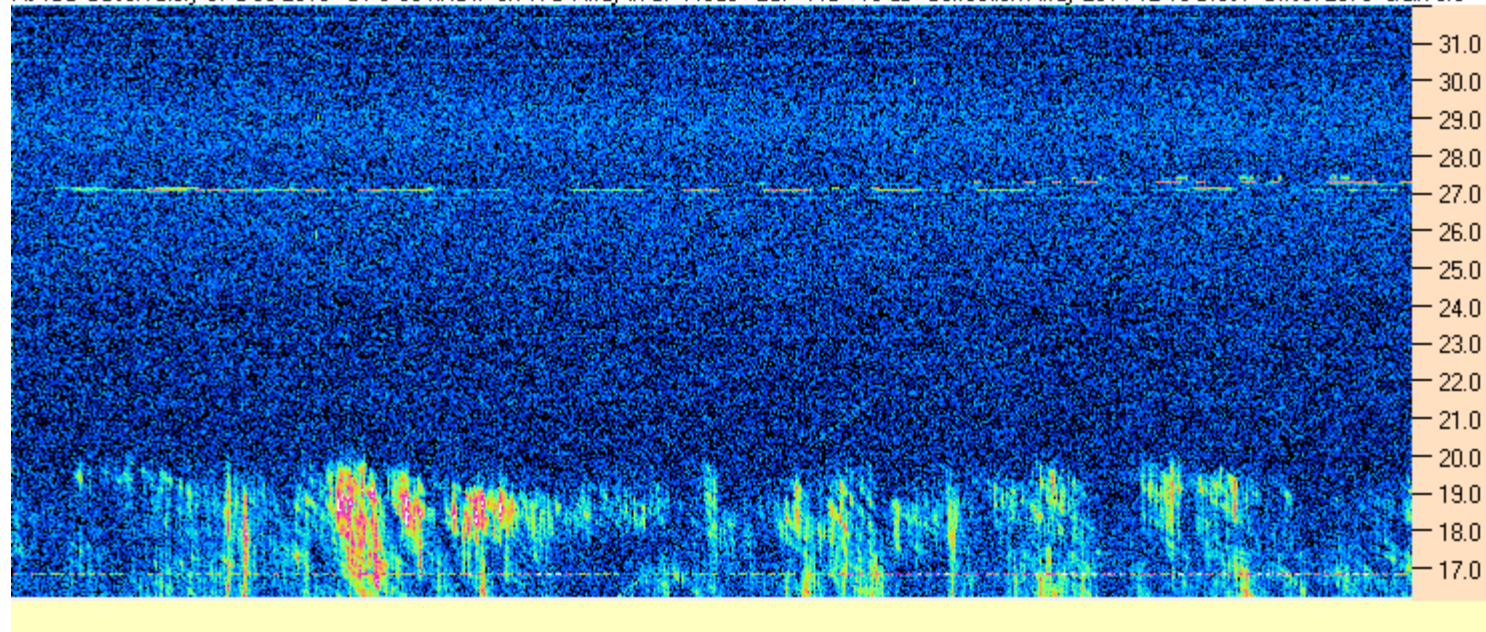
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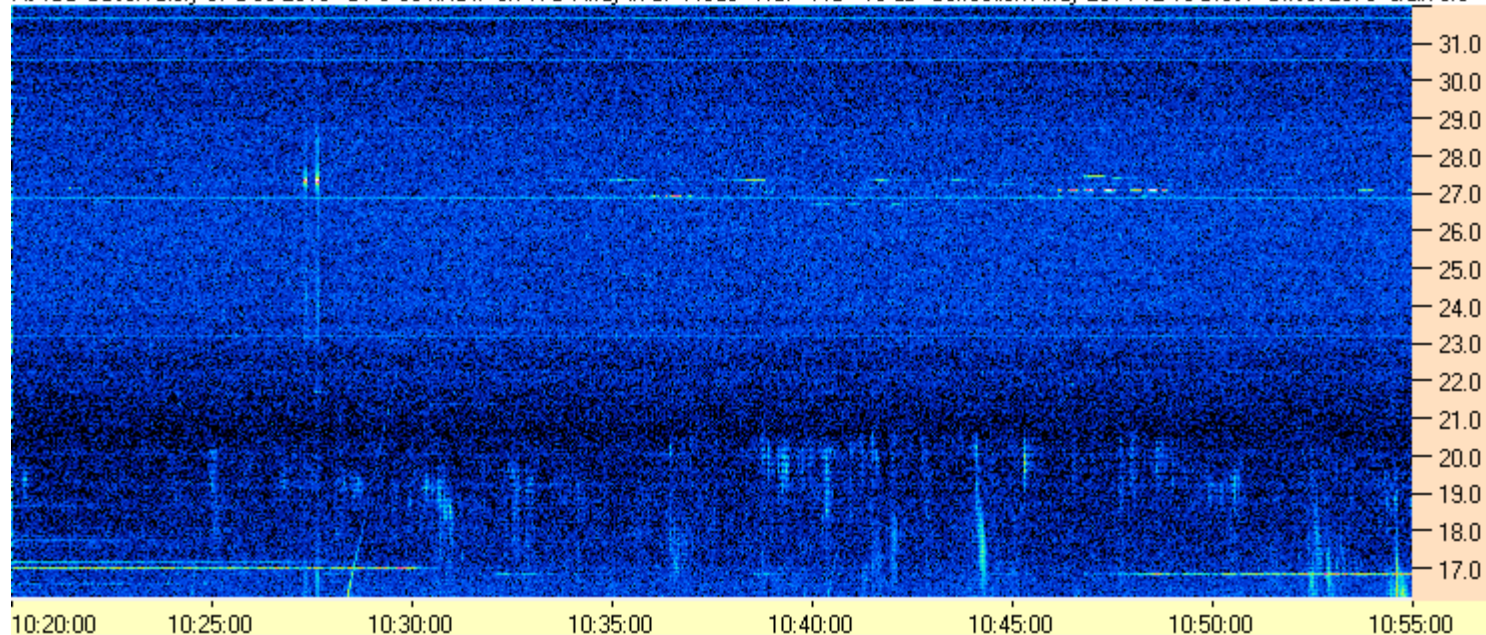
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