

K4LED

Georgia Amateur Radio Astronomy Observatory

Observation Date: 05-11-2018, 00:00:00 to 23:30:00 UTC

Location: Lat. 34.42322 N, Lon. -84.49413 W (Jasper, GA 30143)

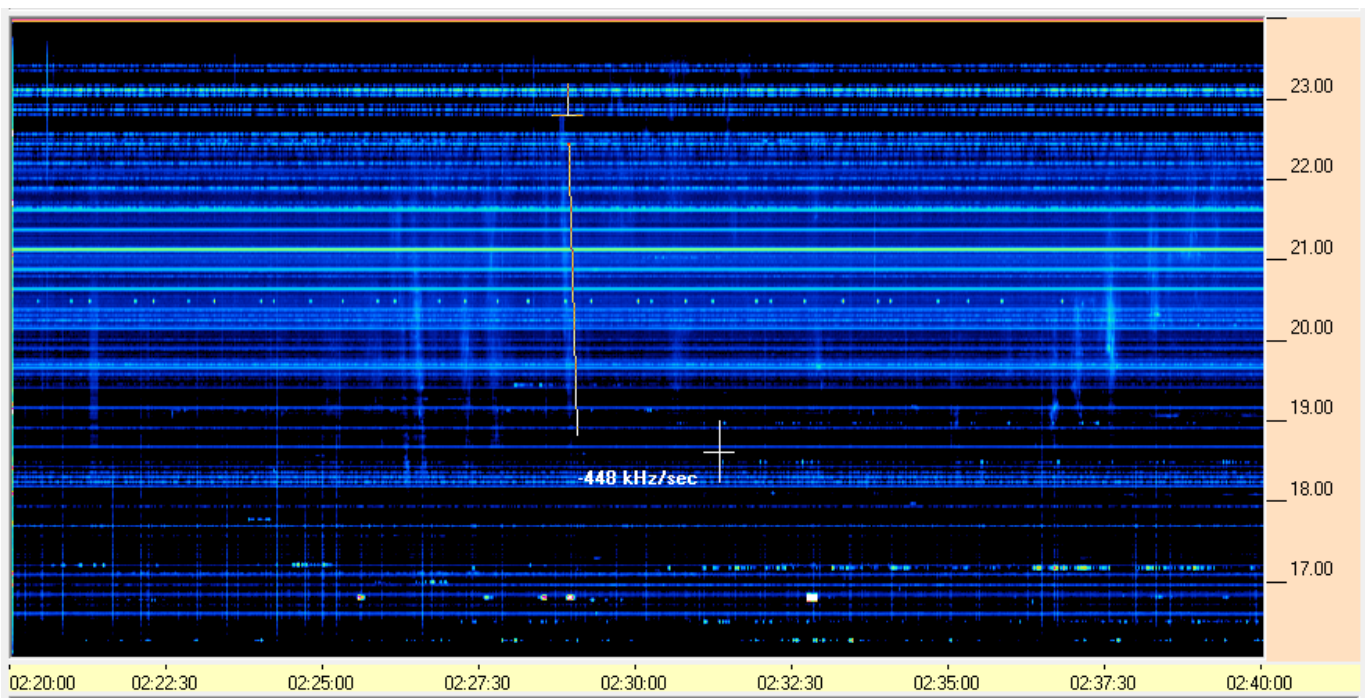
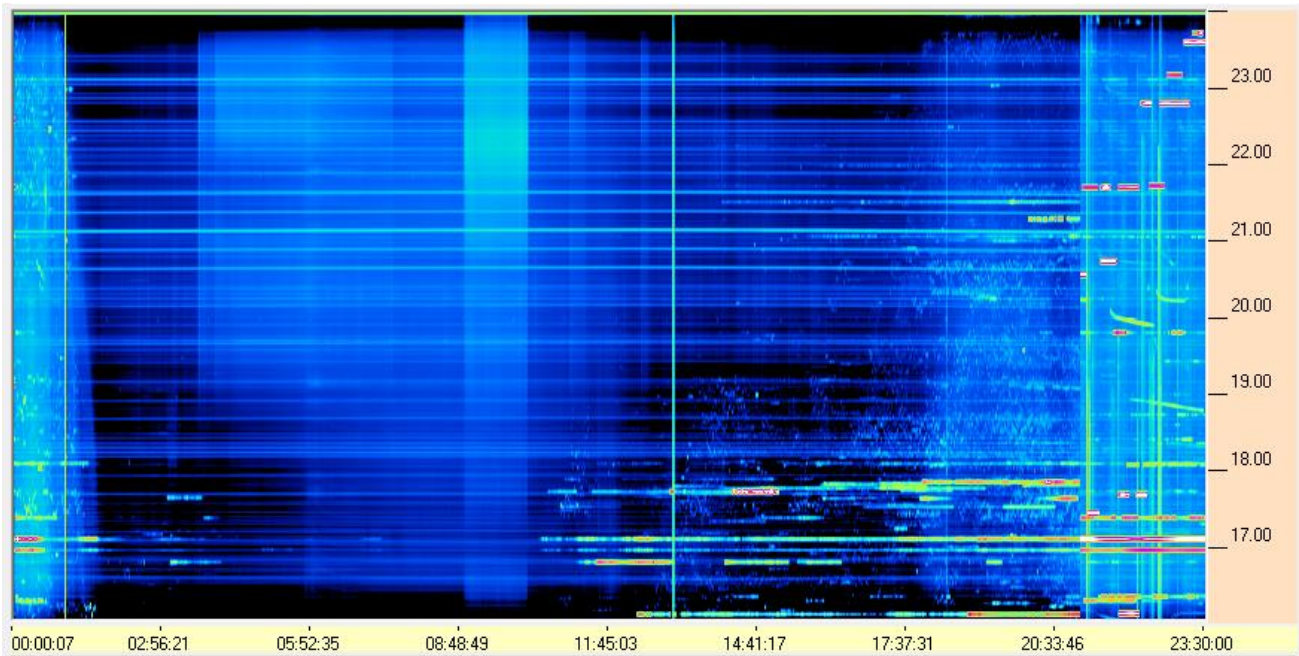
Object: IO-B, TP Study – Ionograms from Elgin AFB

Observer: Larry E. Dodd

Receivers: FSX11, SDRPlay2PRO, RJ1.1

Software: SkypipeII 2.7.34, Spectrograph 2.8.50

Antennas: Radio Jove Dual Dipole Kit, Typinski Square TFD



Elgin AFB Ionograms

00:00:00 UTC, 12:00:00 UTC and 23:45:00 UTC May 10, 2018

Links to the May 11, 2018 high resolution NOAA Ionograms shown above.

00:00:00 UTC –

[https://lgdc.uml.edu/common/ShowIonogramPage?mid=29105140&ursiCode=EG931&time=2018.05.11\(131\)00:00:00.000](https://lgdc.uml.edu/common/ShowIonogramPage?mid=29105140&ursiCode=EG931&time=2018.05.11(131)00:00:00.000)

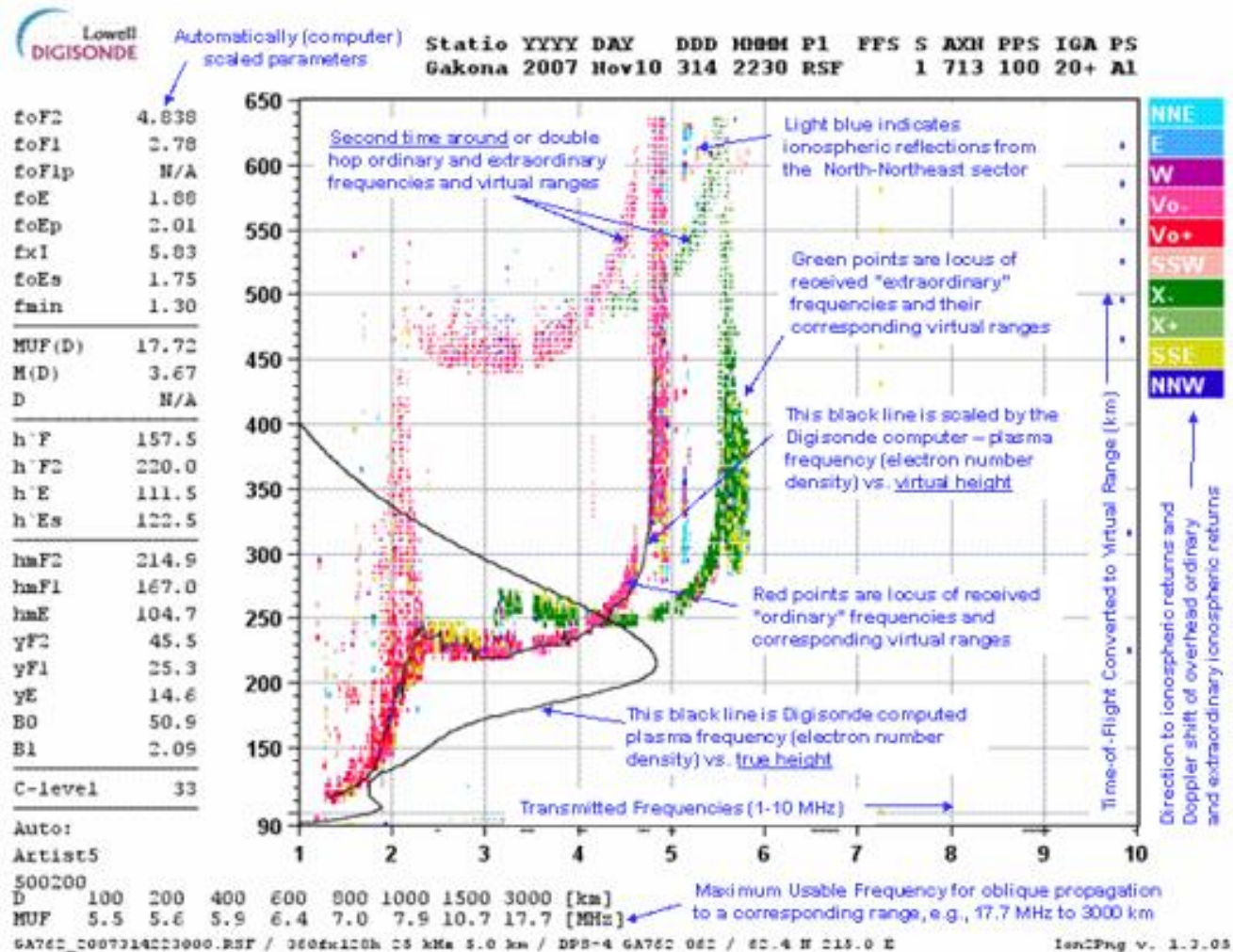
12:00:00 UTC –

[https://lgdc.uml.edu/common/ShowIonogramPage?mid=29110833&ursiCode=EG931&time=2018.05.11\(131\)12:00:00.000](https://lgdc.uml.edu/common/ShowIonogramPage?mid=29110833&ursiCode=EG931&time=2018.05.11(131)12:00:00.000)

23:45:00 UTC -

[https://lgdc.uml.edu/common/ShowIonogramPage?mid=29116638&ursiCode=EG931&time=2018.05.11\(131\)23:45:00.000](https://lgdc.uml.edu/common/ShowIonogramPage?mid=29116638&ursiCode=EG931&time=2018.05.11(131)23:45:00.000)

Sample Ionogram Interpretation Chart:



What

is an ionogram? Description link: <https://www.ngdc.noaa.gov/stp/IONO/ionogram.html>

Larry

End of Report