

NOAA ionosonde resources for HF Propagation

Official Web Pages

<http://ngdc.noaa.gov/stp/iono/ionogram.html>

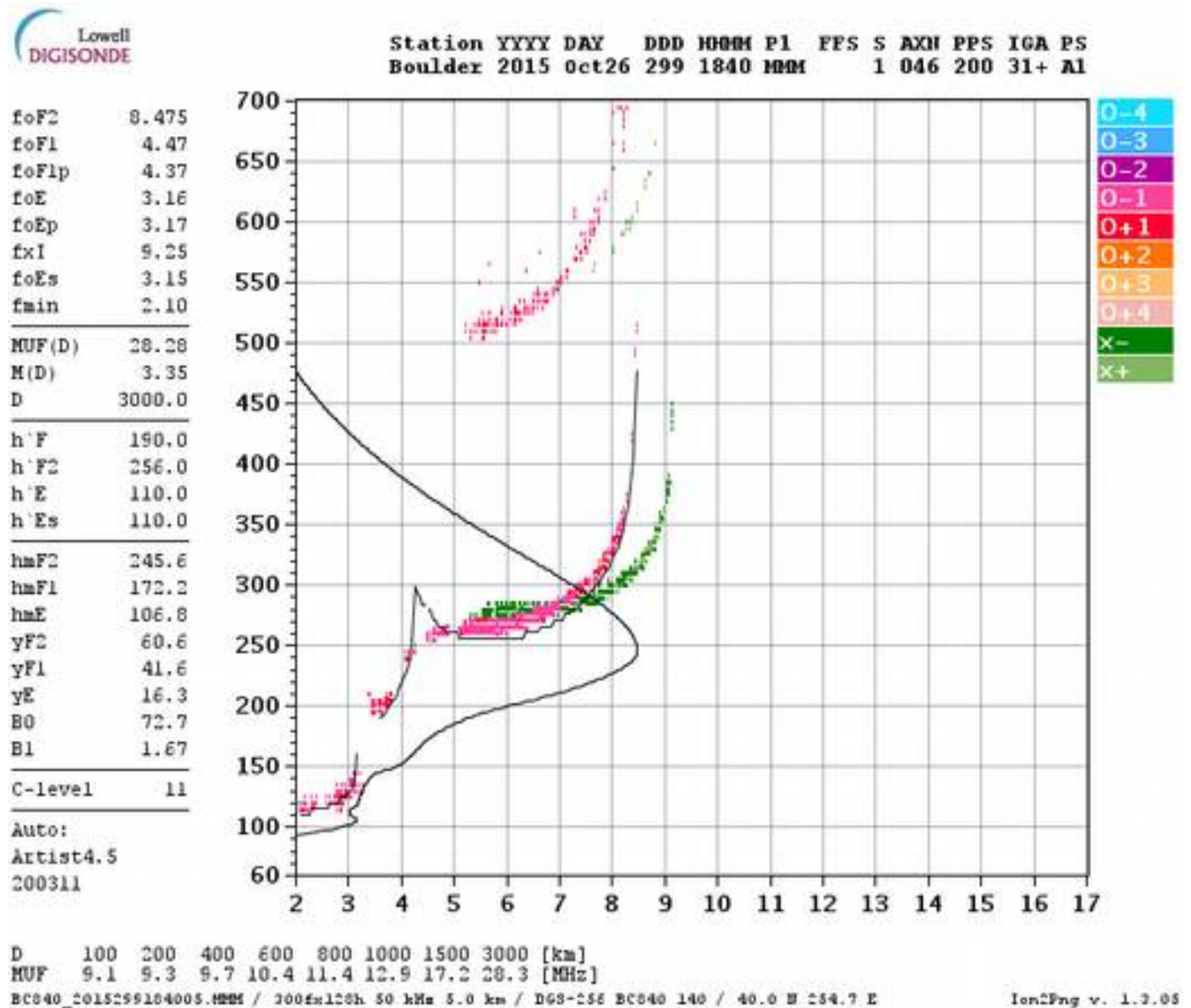
<http://spidr.ngdc.noaa.gov/spidr/>

Real Time Data (unofficial)

<http://www.ngdc.noaa.gov/stp/IONO/rt-iono/>

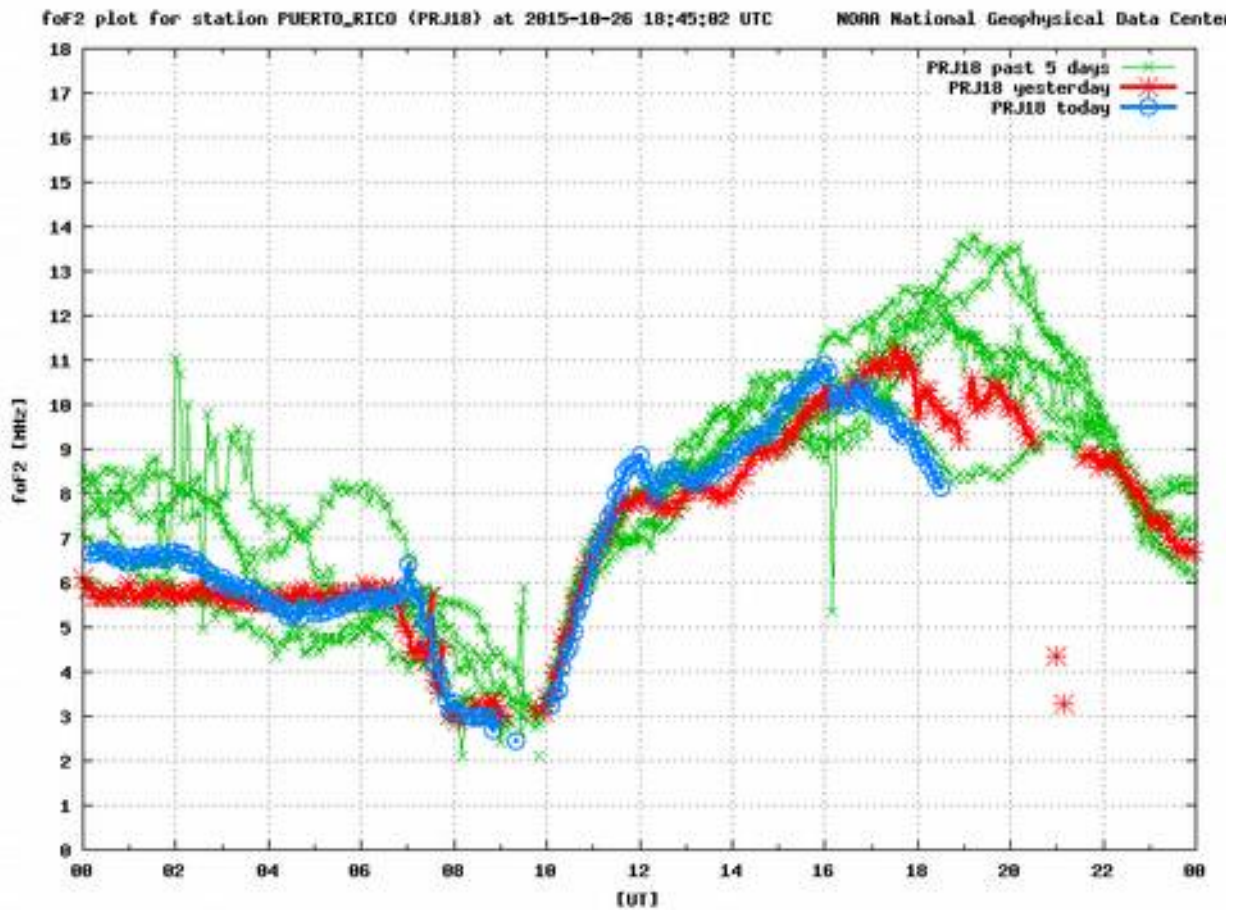
Ionograms:

<http://www.ngdc.noaa.gov/stp/IONO/rt-iono/latest/latest.html>

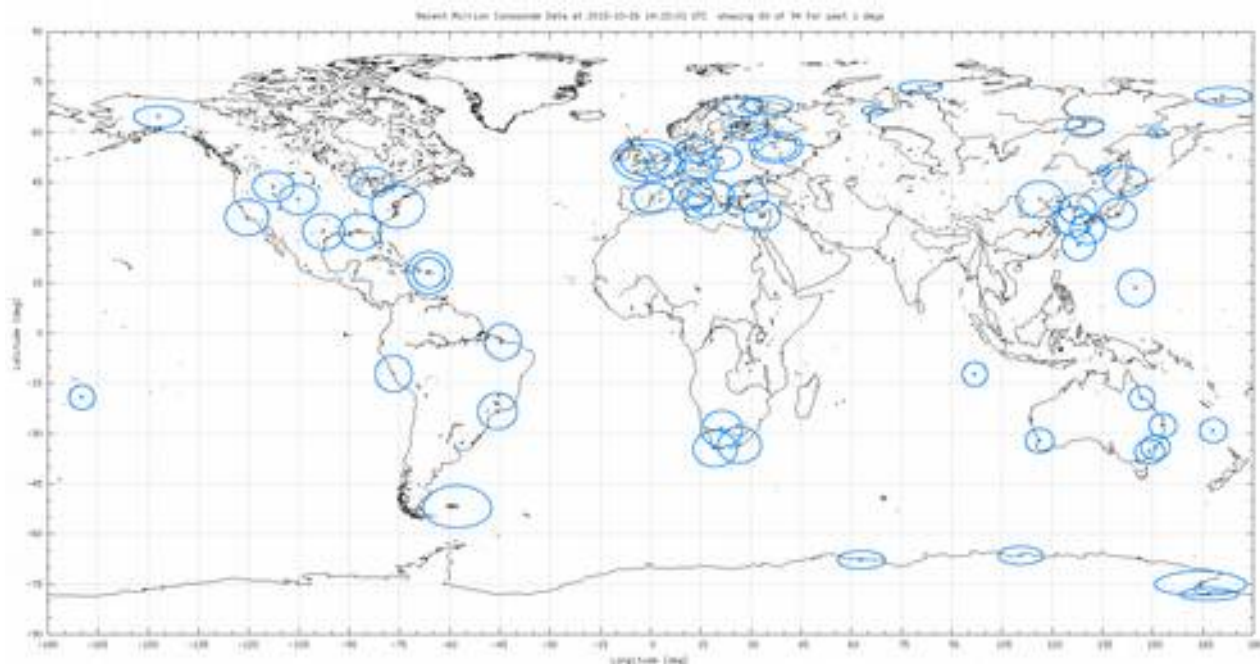


foF2, foEs plots:

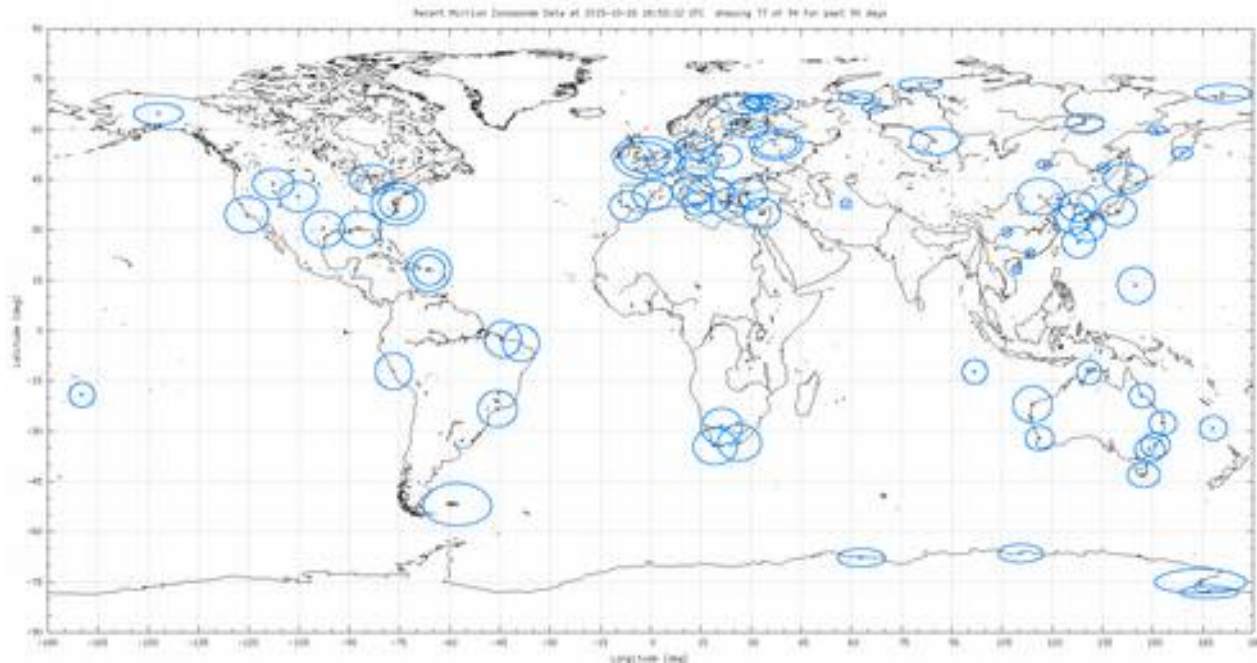
http://www.ngdc.noaa.gov/stp/IONO/rt-iono/realtime/RealTime_foF2.html



Daily Global Station Maps



Data from the last 90 days:



Full Archive holdings, Data, Documentation, Software
<ftp://ftp.ngdc.noaa.gov/ionosonde/>

Other Resources:
Dynasonde Data
<http://surf.colorado.edu/>

Lowell Digisonde International
<http://digisonde.com/>

Texas Army MARS
<https://www.txarmymars.org/resources/solarweather.php>

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