Radio Communications Research Unit at Rutherford Appleton Laboratory, Chilton, OX11 0QX, UK

Ljiljana R. Cander, Leader of Ionospheric Group

The 'Space Weather Web Facilities for Radio Communications Users' is available on-line as 24/7 service at <u>http://ionosphere.rcru.rl.ac.uk</u>, using foF2 and M (3000)F2 data from the Short Term Ionospheric Forecasting (STIF) tool, vertical TEC values derived from the NeQuick ionospheric model and vertical TEC values evaluated from RINEX files of the International GPS Service for Geodynamics (IGS). Data are processed automatically several times a day and displayed in different interactive modes, as contour forecasting for the next 24 hours and nowcasting maps over Europe of foF2, MUF(300)F2 and TEC, animated contour maps for the last 24 hours, daily plots from each station, together with an archive of measured data and space weather warnings and bulletins from NOAA (USA) and other sources. In addition, more recently prompt foF2 and M(3000)F2 data from WDC-C1 at RAL <u>http://www.wdc.rl.ac.uk/cgi-bin/digisondes/cost_database.pl</u> and Bz-IMF data from NASA Advanced Composition Explorer (ACE) at <u>http://sec.noaa.gov/Data/</u> are used to provide on-line information on disturbed ionospheric propagation conditions over Europe.