



## **UK Solar System Data Centre: Data Archive for Ionospheric Research**

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The UK Solar System Data Centre (UKSSDC) has been working to improve access to its extensive holdings of historical ionospheric data. In our archive, ionospheric data from 200 stations worldwide (1930s-present), such as ionograms and scaled ionospheric parameters (e.g., foF2, fmin, h'F2), is held on both digital and physical media. From the 1990s these data sets are available in digital form and can be downloaded from our web-interface. Thanks to a Natural Environment Research Council grant we are in the process of digitising a selection, 2,200 out of ~27,000, of UK ionosonde film data to be made available via the web interface. It is hoped that more funding will be made available to continue this exercise over the next few years. The UKSSDC also provides real-time ionospheric data retrieval from two RAL Space ionosondes, Chilton and Port Stanley, alongside other European observatories. The UKSSDC is part of RAL Space based at Rutherford Appleton Laboratory with the electronic address: <http://www.ukssdc.ac.uk>. This is a UK national data archive facility with open data access and can be used by scientists around the globe.