Data access - General

ATNF Science

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Table of Contents

| 1 | Pulsar data | .4 |
|-------|--|----|
| 1.1 | Accessing data from CSIRO's Data Access Portal (DAP) | 4 |
| | Individual files | |
| 1.1.2 | Collections | 7 |
| 2 | Spectral line data | .8 |
| 3 | Need help? | .9 |

This document describes the ways that a user without an ATNF computer account can access pulsar and spectral line data taken by the Parkes radio telescope.

If you are an ATNF computer account holder, please see Data access - CSIRO computer account users¹

 $^{{\}tt 1\,https://confluence.csiro.au/display/AS/Data+access+-+CSIRO+computer+account+users}$

1 Pulsar data

1.1 Accessing data from CSIRO's Data Access Portal (DAP)

1) Request data

- Browse to https://data.csiro.au
- Search for your data either through a general search, or through the more specific domain search: Contact 🗹 Help 🗹 API 🗹 **CSIRO Data Access Portal** Access research data, software and other digital assets across a range of disciplines. Search 🖴 Sign in 🕶 Q Search by keyword Search by location ▲ Search by domain Search CSIRO collections Each word is searched with results returned for one of the words, any combination or all of the words. **CSIRO Data Access Portal** Contact 🗹 Help 🗹 API 🗹 🖴 Sign in 🕶 🔏 / Search by domain / ATNF Pulsar Observation Search **ATNF Pulsar Observation Search** Clear form 1 How to search ATNF data:

• Choose your collection:

Source name / position

Source name:

Right ascension:

Search window:

Declination:

hh:mm:ss.sss (J2000)

dd:mm:ss.sss (J2000)

To display all results just click the "Search" button

Fill in one or many fields to search for the pulsar

Click the "Configure columns" button to set up your

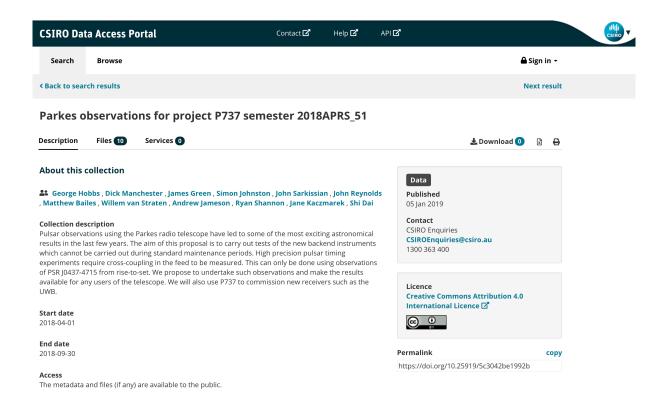
The search results will appear on a new page. Filter

the results by clicking "Options", then the "Filter results" button to further refine your search

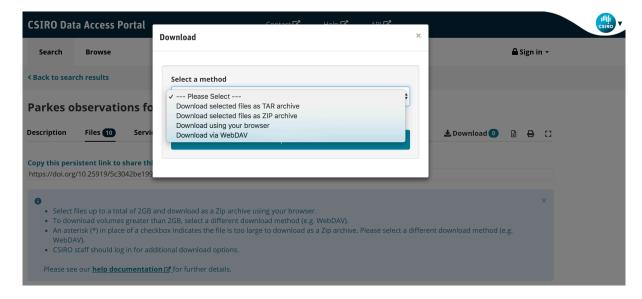
observation results you require.

personal view of the results.

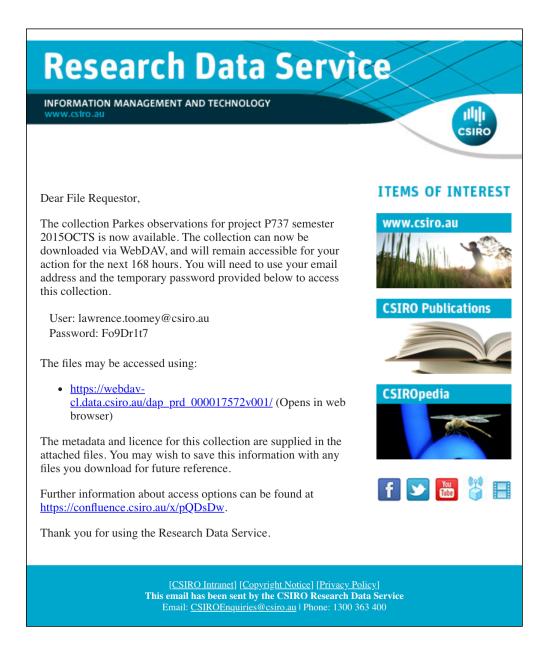
Filter search results



• Click on the 'Files' tab, and choose files for individual download (Max. 2GB), click on 'Download' and choose from a list of download methods. Select 'Download via WebDAV' for access to the whole collection:



• Click 'request files' - you will receive a confirmation email like the one below once the collection is available:



2) Download data

1.1.1 Individual files

• Click on the link in the confirmation email - you will be prompted for your credentials, and the collection will then open in the browser

1.1.2 Collections

| • | Some pulsar data collections are large (~ 1.5 TB) - please contact too043@csiro.au ² to arrange access to |
|---|--|
| | these collections |

2 mailto:too043@csiro.au

2 Spectral line data

Parkes spectral line data are archived in the Australia Telescope Online Archive (ATOA):

https://atoa.atnf.csiro.au/

3 Need help?

Please contact too043@csiro.au³ for further information

³ mailto:too043@csiro.au