

Data access - General

ATNF Science

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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 users](#)¹

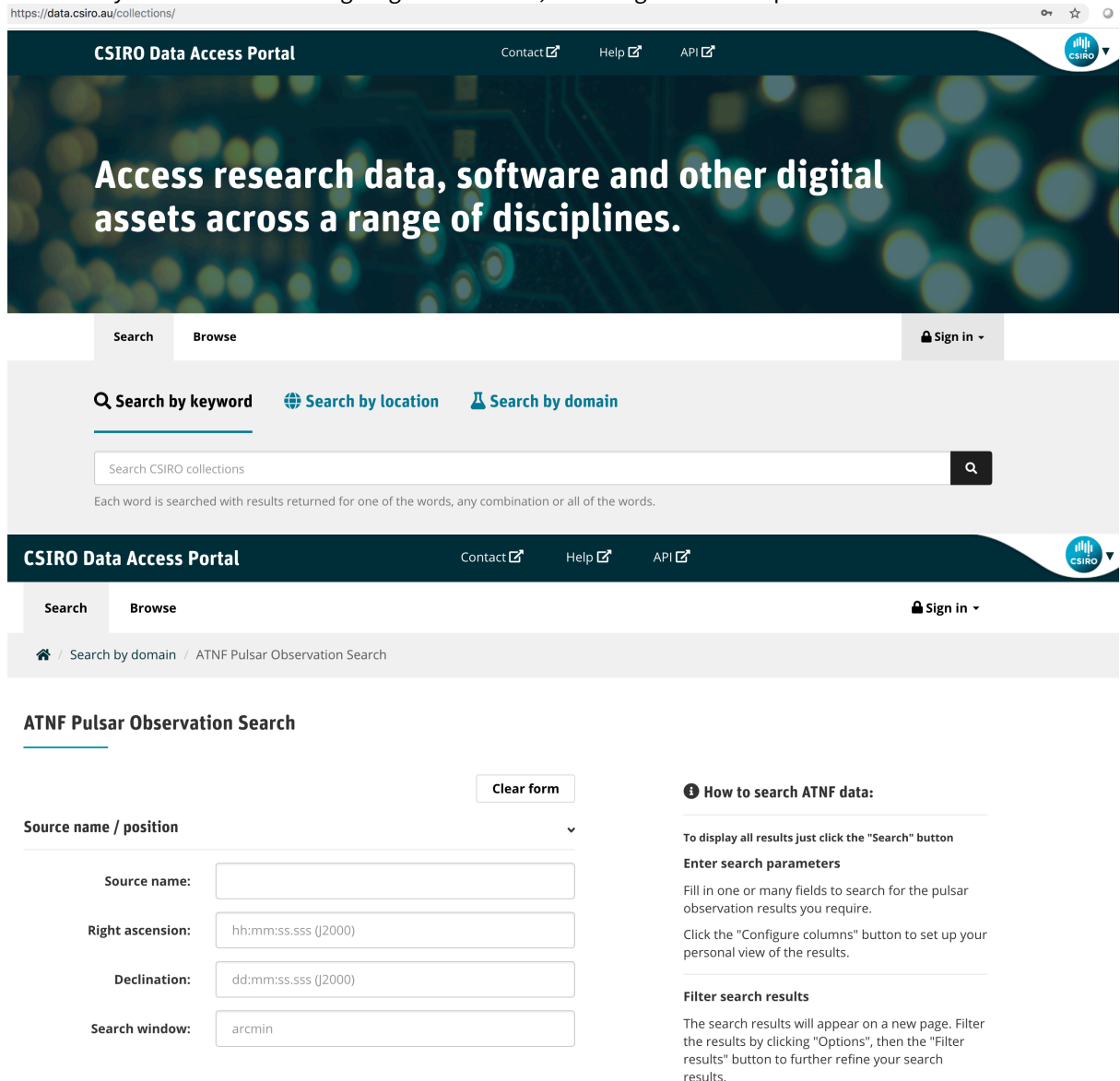
¹ <https://confluence.csiro.au/display/AS/Data+access+-+CSIRO+computer+account+users>

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:



The screenshot shows the CSIRO Data Access Portal (DAP) interface. The top navigation bar includes links for Contact, Help, and API. The main header features the text "Access research data, software and other digital assets across a range of disciplines." Below this, there are tabs for Search and Browse, and a Sign in button. The search section offers three options: Search by keyword, Search by location, and Search by domain. A search bar is provided for keyword searches, with a note stating "Each word is searched with results returned for one of the words, any combination or all of the words." Below the search bar, the breadcrumb path is shown: / Search by domain / ATNF Pulsar Observation Search. The main content area is titled "ATNF Pulsar Observation Search" and includes a "Clear form" button. The search form has four fields: Source name / position (with a dropdown arrow), Source name, Right ascension (with a value of hh:mm:ss.sss (J2000)), Declination (with a value of dd:mm:ss.sss (J2000)), and Search window (with a value of arcmin). To the right of the search form, there is a section titled "How to search ATNF data:" which provides instructions on how to display results, enter search parameters, and filter search results.

CSIRO Data Access Portal Contact Help API

Access research data, software and other digital assets across a range of disciplines.

Search Browse Sign in

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

Search Browse Sign in

/ Search by domain / ATNF Pulsar Observation Search

ATNF Pulsar Observation Search

Clear form

Source name / position

Source name:

Right ascension: hh:mm:ss.sss (J2000)

Declination: dd:mm:ss.sss (J2000)

Search window: arcmin

How to search ATNF data:

To display all results just click the "Search" button

Enter search parameters

Fill in one or many fields to search for the pulsar observation results you require.

Click the "Configure columns" button to set up your personal view of the results.

Filter search results

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 results.

- Choose your collection:

CSIRO Data Access Portal

Contact [Help](#) [API](#)

Search Browse [Sign in](#)

[Back to search results](#) [Next result](#)

Parkes observations for project P737 semester 2018APRS_51

Description Files **10** Services **0** Download **0**

About this collection

George Hobbs, **Dick Manchester**, **James Green**, **Simon Johnston**, **John Sarkissian**, **John Reynolds**, **Matthew Bailes**, **Willem van Straten**, **Andrew Jameson**, **Ryan Shannon**, **Jane Kaczmarek**, **Shi Dai**

Collection description
Pulsar observations using the Parkes radio telescope have led to some of the most exciting astronomical results in the last few years. The aim of this proposal is to carry out tests of the new backend instruments which cannot be carried out during standard maintenance periods. High precision pulsar timing experiments require cross-coupling in the feed to be measured. This can only be done using observations of PSR J0437-4715 from rise-to-set. We propose to undertake such observations and make the results available for any users of the telescope. We will also use P737 to commission new receivers such as the UWB.

Start date
2018-04-01

End date
2018-09-30

Access
The metadata and files (if any) are available to the public.

Data
Published
05 Jan 2019

Contact
CSIRO Enquiries
CSIROEnquiries@csiro.au
1300 363 400

Licence
Creative Commons Attribution 4.0 International Licence

Permalink <https://doi.org/10.25919/5c3042be1992b> [copy](#)

- Click on the 'Files' tab, then 'Download' and choose from a list of download methods. Select 'Download via WebDAV', enter your email address and click 'Request files':

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- Select files up to a total of 2GB and download as a Zip archive using your browser.
- To download volumes greater than 2GB, select a different download method (e.g. WebDAV).
- An asterisk (*) in place of a checkbox indicates the file is too large to download as a Zip archive. Please select a different download method (e.g. WebDAV).
- CSIRO staff should log in for additional download options.

Please see our [help documentation](#) for further details.

- You will receive a confirmation email similar to the one below once the collection is available:

Research Data Service

INFORMATION MANAGEMENT AND TECHNOLOGY
www.csiro.au



Dear File Requestor,

The collection Parkes observations for project P737 semester 2015OCTS is now available. The collection can now be downloaded via WebDAV, and will remain accessible for your action for the next 168 hours. You will need to use your email address and the temporary password provided below to access this collection.

User: lawrence.toomey@csiro.au
 Password: Fo9Dr1t7

The files may be accessed using:


- https://webdav-cl.data.csiro.au/dap_prd_000017572v001/ (Opens in web browser)

The metadata and licence for this collection are supplied in the attached files. You may wish to save this information with any files you download for future reference.


Further information about access options can be found at <https://confluence.csiro.au/x/pQDsDw>.

Thank you for using the Research Data Service.


ITEMS OF INTEREST






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This email has been sent by the CSIRO Research Data Service

Email: CSIROEnquiries@csiro.au | Phone: 1300 363 400

2) Download your data

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

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.au² for further information

² <mailto:too043@csiro.au>