

# 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](#)<sup>1</sup>

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<sup>1</sup> <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 with the placeholder text "Search CSIRO collections". Below the search bar, a note states: "Each word is searched with results returned for one of the words, any combination or all of the words." The bottom section of the screenshot shows the "ATNF Pulsar Observation Search" form. It includes a "Clear form" button and a dropdown menu for "Source name / position". The form contains four input fields: "Source name:", "Right ascension:" (with the value "hh:mm:ss.sss (J2000)"), "Declination:" (with the value "dd:mm:ss.sss (J2000)"), and "Search window:" (with the value "arcmin"). To the right of the form, there is a section titled "How to search ATNF data:" which provides instructions on how to display all results, enter search parameters, and filter search results.

**CSIRO Data Access Portal**

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**

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](mailto: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, 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:

**CSIRO Data Access Portal**

Contact Help API

Search Browse Sign in

[Back to search results](#)

## Parkes observations for project P737 semester 2018APRS\_51

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

**Copy this persistent link to share this collection**  
<https://doi.org/10.25919/5c3042be1992b>

**Download**

Select a method

- ✓ --- Please Select ---
- Download selected files as TAR archive
- Download selected files as ZIP archive
- Download using your browser
- Download via WebDAV

**1**


- 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.

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

# Research Data Service

INFORMATION MANAGEMENT AND TECHNOLOGY  
[www.csiro.au](http://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](mailto:lawrence.toomey@csiro.au)  
 Password: Fo9Dr1t7

The files may be accessed using:


- [https://webdav-cl.data.csiro.au/dap\\_prd\\_000017572v001/](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






[www.csiro.au](http://www.csiro.au)


### CSIRO Publications



### CSIROpedia



[\[CSIRO Intranet\]](#)
[\[Copyright Notice\]](#)
[\[Privacy Policy\]](#)

This email has been sent by the CSIRO Research Data Service

Email: [CSIROEnquiries@csiro.au](mailto:CSIROEnquiries@csiro.au) | Phone: 1300 363 400

## 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](mailto:too043@csiro.au)<sup>2</sup> to arrange access to these collections

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<sup>2</sup> <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.au](mailto:too043@csiro.au)<sup>3</sup> for further information

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<sup>3</sup> <mailto:too043@csiro.au>