



## **The GBT Dynamic Scheduling System**

**Toney Minter**



# Dynamic Scheduling System (DSS)

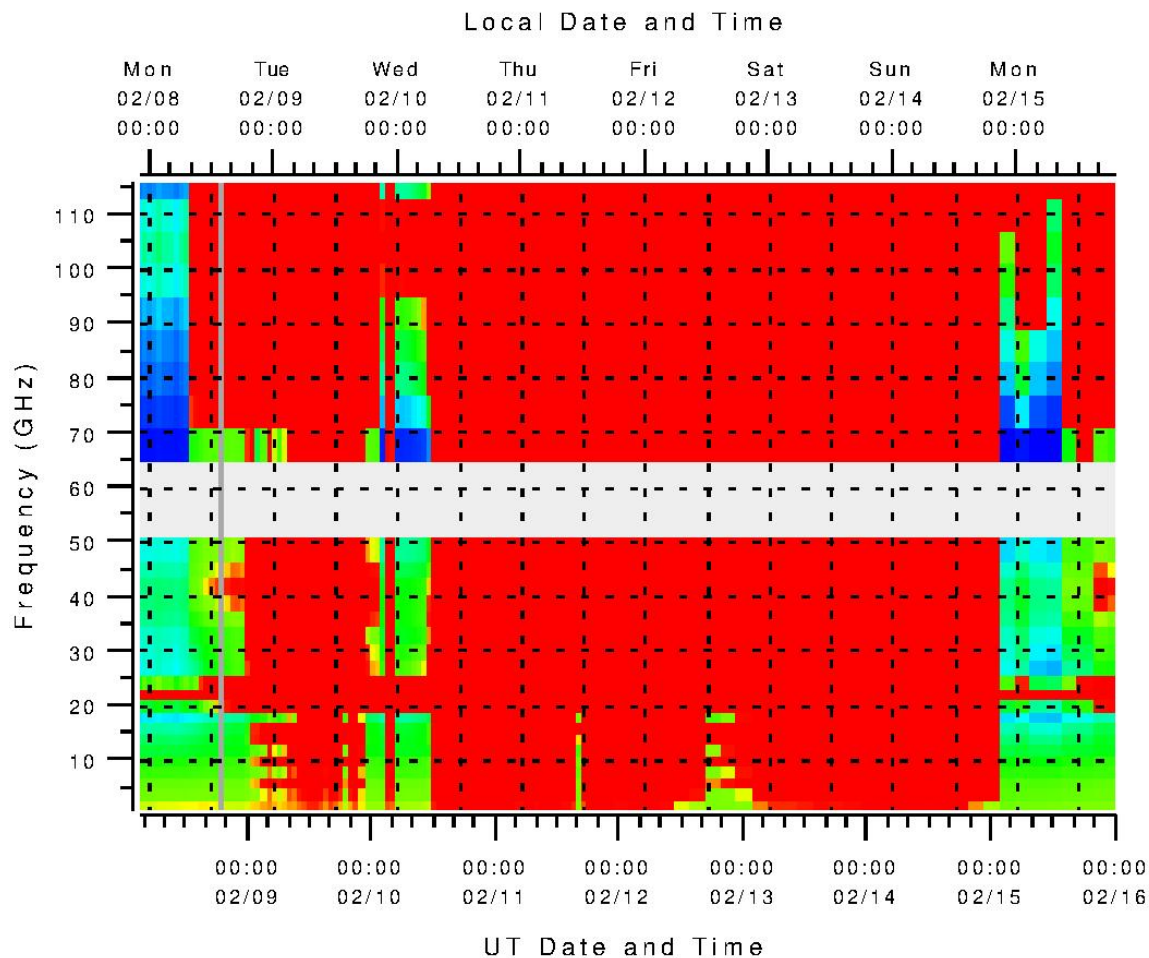
- GBT is scheduled 24-48 hours in advance
- Allows maximum use of excellent high frequency weather
  - Water vapor
  - Aerosols
  - Clear
  - Cloudy
    - Water or ice
  - Winds



# Dynamic Scheduling System (DSS)

## DSS Overview

Relative Efficiencies with Limits ( $\text{Limits} \times \text{Effs} / \text{EffMin}$ )



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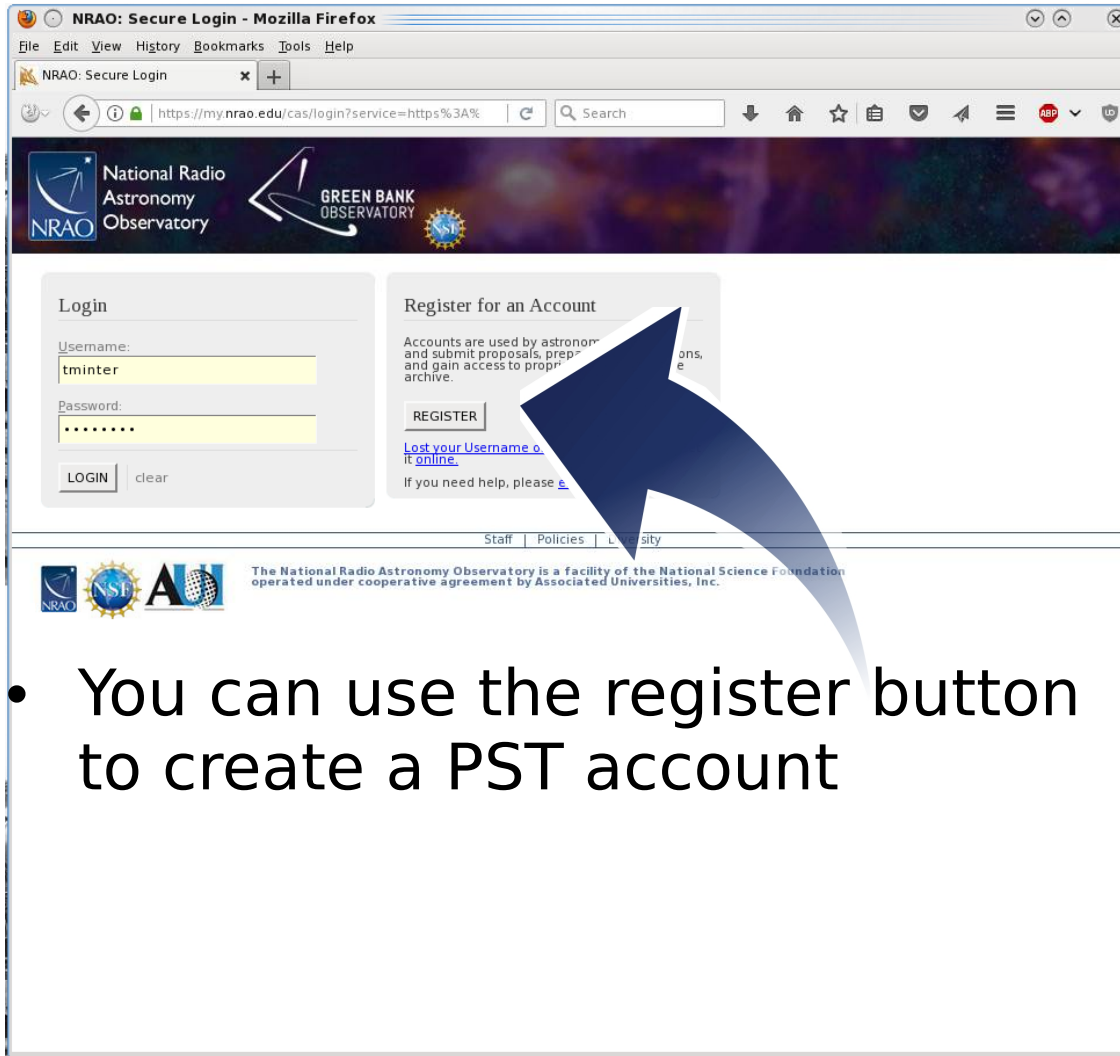
# Logging into the DSS

- <https://dss.gb.nrao.edu/>





# Dynamic Scheduling System



The screenshot shows the NRAO Secure Login page in a Mozilla Firefox browser. The page has a header with the NRAO and Green Bank Observatory logos. Below the header, there are two main sections: "Login" and "Register for an Account". The "Login" section has fields for "Username:" (containing "tminter") and "Password:" (containing "\*\*\*\*\*"), and a "LOGIN" button. The "Register for an Account" section has a "REGISTER" button. A large blue arrow points to the "REGISTER" button. Below the registration section, there is a link "Lost your Username or it online." and a link "If you need help, please see". At the bottom of the page, there are logos for NRAO, NSF, and AUI, and a text block stating "The National Radio Astronomy Observatory is a facility of the National Science Foundation operated under cooperative agreement by Associated Universities, Inc."

- You can use the register button to create a PST account



# Dynamic Scheduling System

NRAO: Secure Login - Mozilla Firefox

File Edit View History Bookmarks Tools Help

NRAO: Secure Login

https://my.nrao.edu/cas/login?service=https%3A%...

NRAO National Radio Astronomy Observatory

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Login

Username: tminter

Password: .....

LOGIN clear

Register for an Account

Users are used by astronomers to create... proposals, prepare for observations, ... proprietary data from the...

REGISTER

[Lost your Username or Password? Click here to reset it online.](#)

If you need help, please [email us](#)

Staff Policies Diversity

NRAO NSF AUI

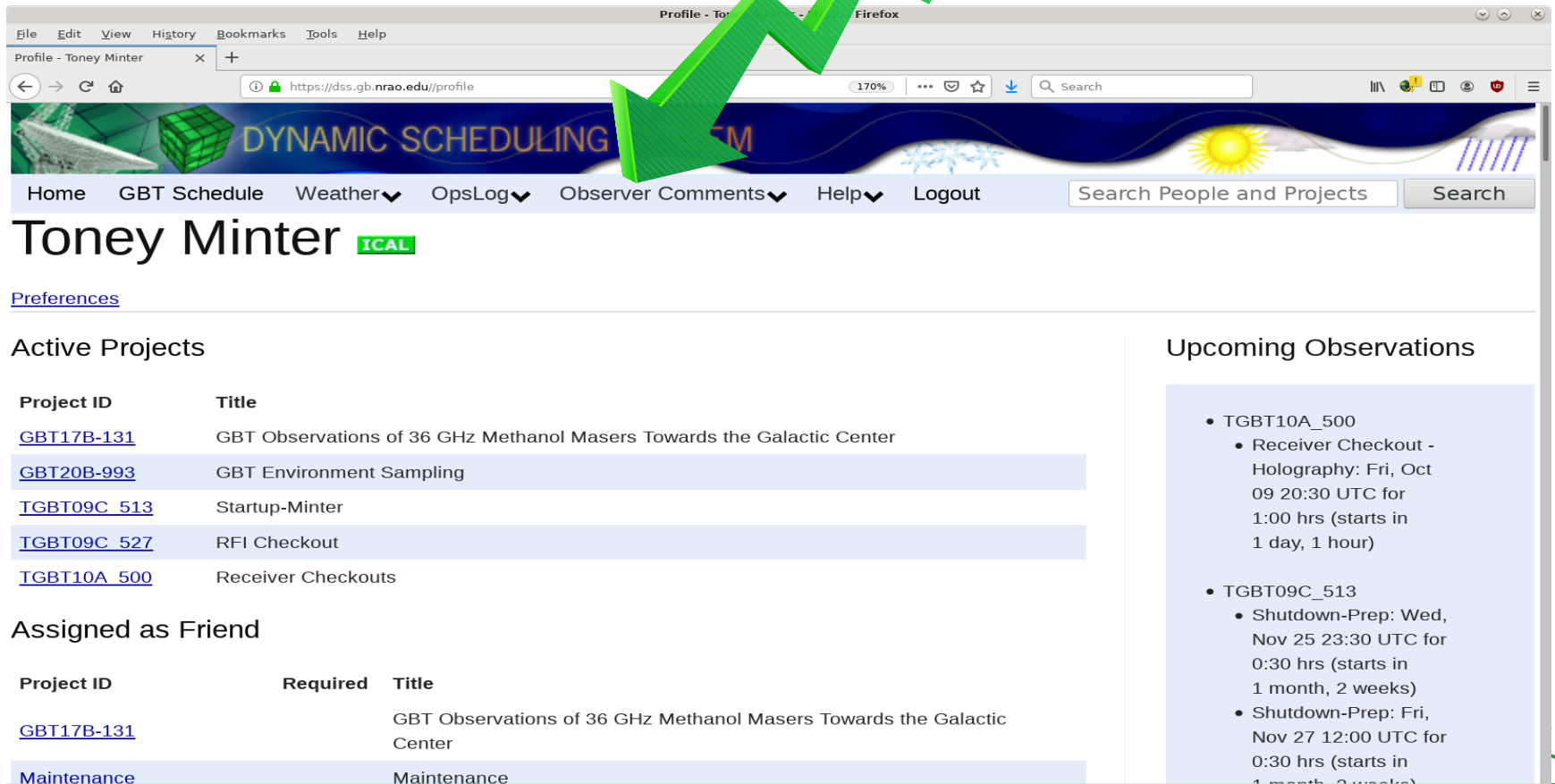
The National Radio Astronomy Observatory is a facility of the National Science Foundation operated under cooperative agreement by Associated Universities, Inc.

- Same user name and password as the Proposal Submission Tool (PST)
  - This is **not** your linux or windows computing account



# DSS Profile Page

- Useful links



Profile - Toney Minter

https://dss.gb.nrao.edu/profile

DYNAMIC SCHEDULING

Home GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

## Toney Minter ICAL

[Preferences](#)

### Active Projects

Project ID	Title
<a href="#">GBT17B-131</a>	GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
<a href="#">GBT20B-993</a>	GBT Environment Sampling
<a href="#">TGBT09C_513</a>	Startup-Minter
<a href="#">TGBT09C_527</a>	RFI Checkout
<a href="#">TGBT10A_500</a>	Receiver Checkouts

### Assigned as Friend

Project ID	Required	Title
<a href="#">GBT17B-131</a>		GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
Maintenance		Maintenance

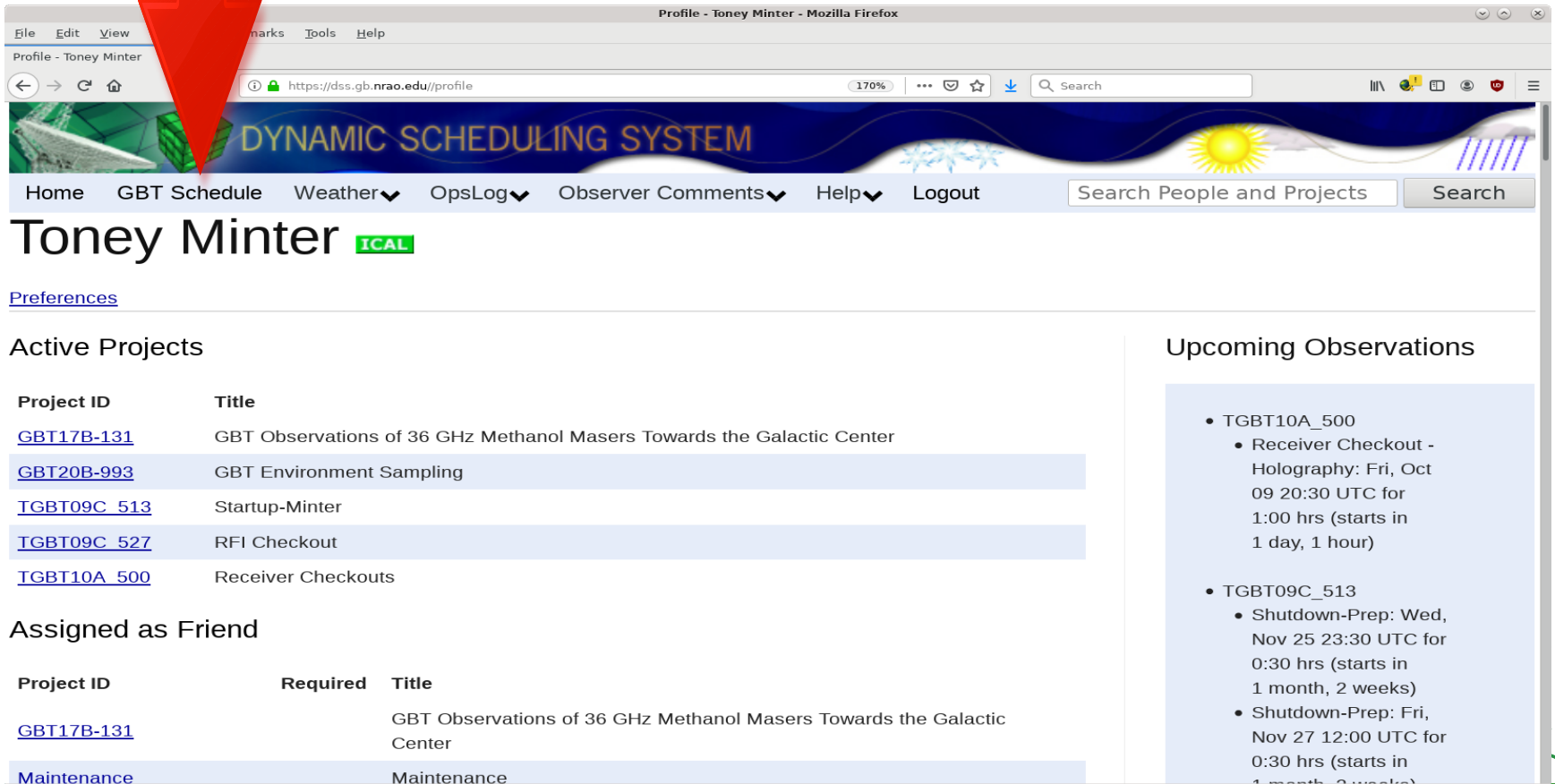
### Upcoming Observations

- TGBT10A\_500
  - Receiver Checkout - Holography: Fri, Oct 09 20:30 UTC for 1:00 hrs (starts in 1 day, 1 hour)
- TGBT09C\_513
  - Shutdown-Prep: Wed, Nov 25 23:30 UTC for 0:30 hrs (starts in 1 month, 2 weeks)
  - Shutdown-Prep: Fri, Nov 27 12:00 UTC for 0:30 hrs (starts in 1 month, 2 weeks)

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# DSS Profile Page

See the GBT observing schedule



The screenshot shows the DSS Profile Page for Toney Minter. The browser window is titled 'Profile - Toney Minter - Mozilla Firefox'. The address bar shows 'https://dss.gb.nrao.edu/profile'. The page has a navigation bar with links: Home, GBT Schedule, Weather, OpsLog, Observer Comments, Help, and Logout. A search bar is also present. The main content area is titled 'Toney Minter' with a green 'ICAL' badge. Below this, there are sections for 'Active Projects' and 'Assigned as Friend'. The 'Active Projects' section lists five projects with their IDs and titles. The 'Assigned as Friend' section lists two projects. On the right side, there is a section for 'Upcoming Observations' which lists two observation events with details about receiver checkout and shutdown-prep.

**Active Projects**

Project ID	Title
<a href="#">GBT17B-131</a>	GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
<a href="#">GBT20B-993</a>	GBT Environment Sampling
<a href="#">TGBT09C_513</a>	Startup-Minter
<a href="#">TGBT09C_527</a>	RFI Checkout
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**Assigned as Friend**

Project ID	Required	Title
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<a href="#">Maintenance</a>		Maintenance

**Upcoming Observations**

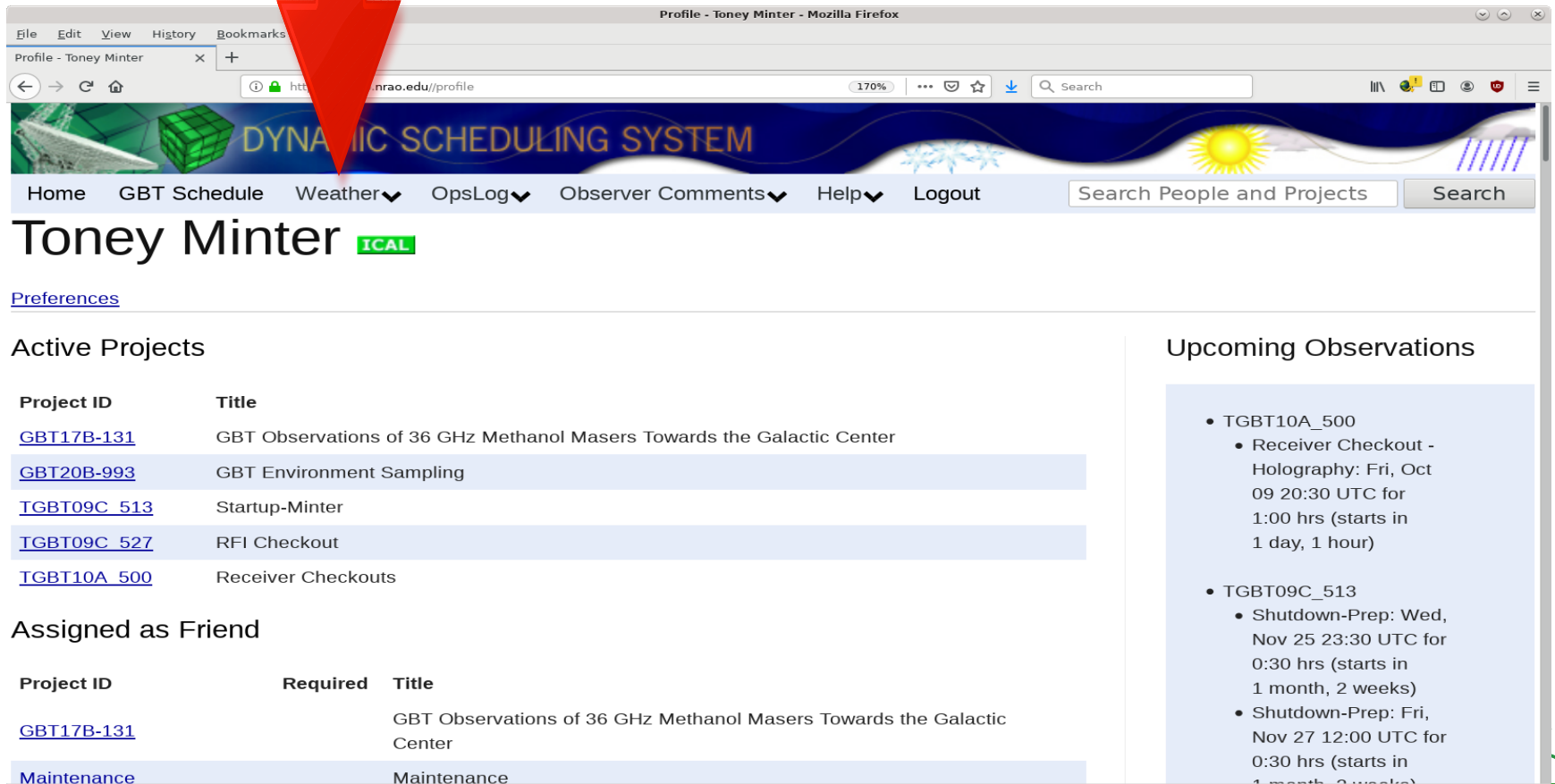
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# DSS Profile Page

Weather forecasts used to schedule the GBT



Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

Home GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

## Toney Minter ICAL

[Preferences](#)

### Active Projects

Project ID	Title
<a href="#">GBT17B-131</a>	GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
<a href="#">GBT20B-993</a>	GBT Environment Sampling
<a href="#">TGBT09C_513</a>	Startup-Minter
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# DSS Profile Page

Submit comments about your observing experience



Profile - Toney Minter

https://dss.gb.nrao.edu/profile

**DYNAMIC SCHEDULING SYSTEM**

Home GBT Schedule Weather▼ OpsLog▼ Observer Comments▼ Help▼ Logout

Search People and Projects Search

## Toney Minter ICAL

[Preferences](#)

### Active Projects

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<a href="#">GBT20B-993</a>	GBT Environment Sampling
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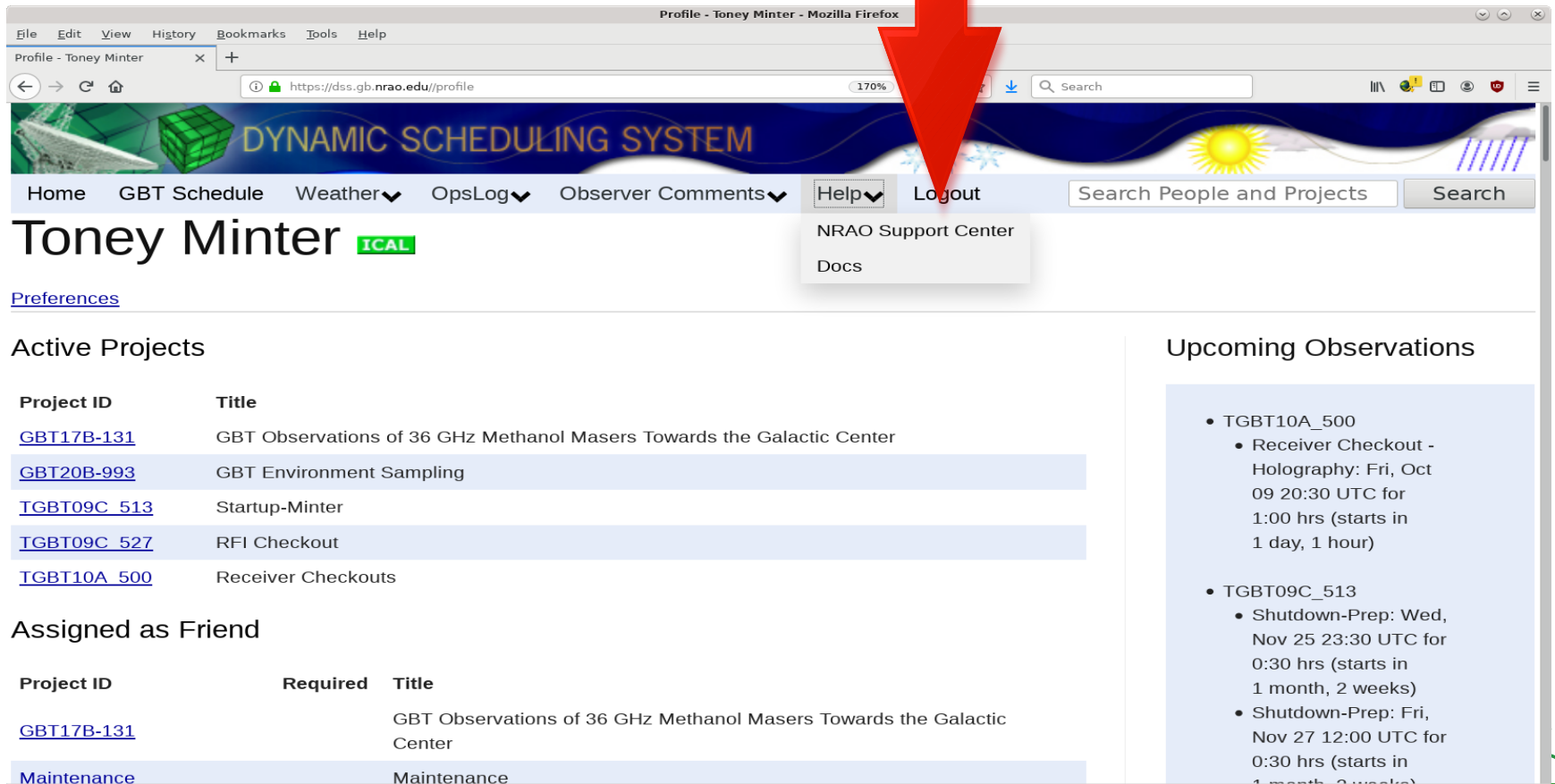
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# DSS Profile Page

Use the helpdesk



Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter

https://dss.gb.nrao.edu/profile

DYNAMIC SCHEDULING SYSTEM

Home GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

Toney Minter ICAL

Preferences

Active Projects

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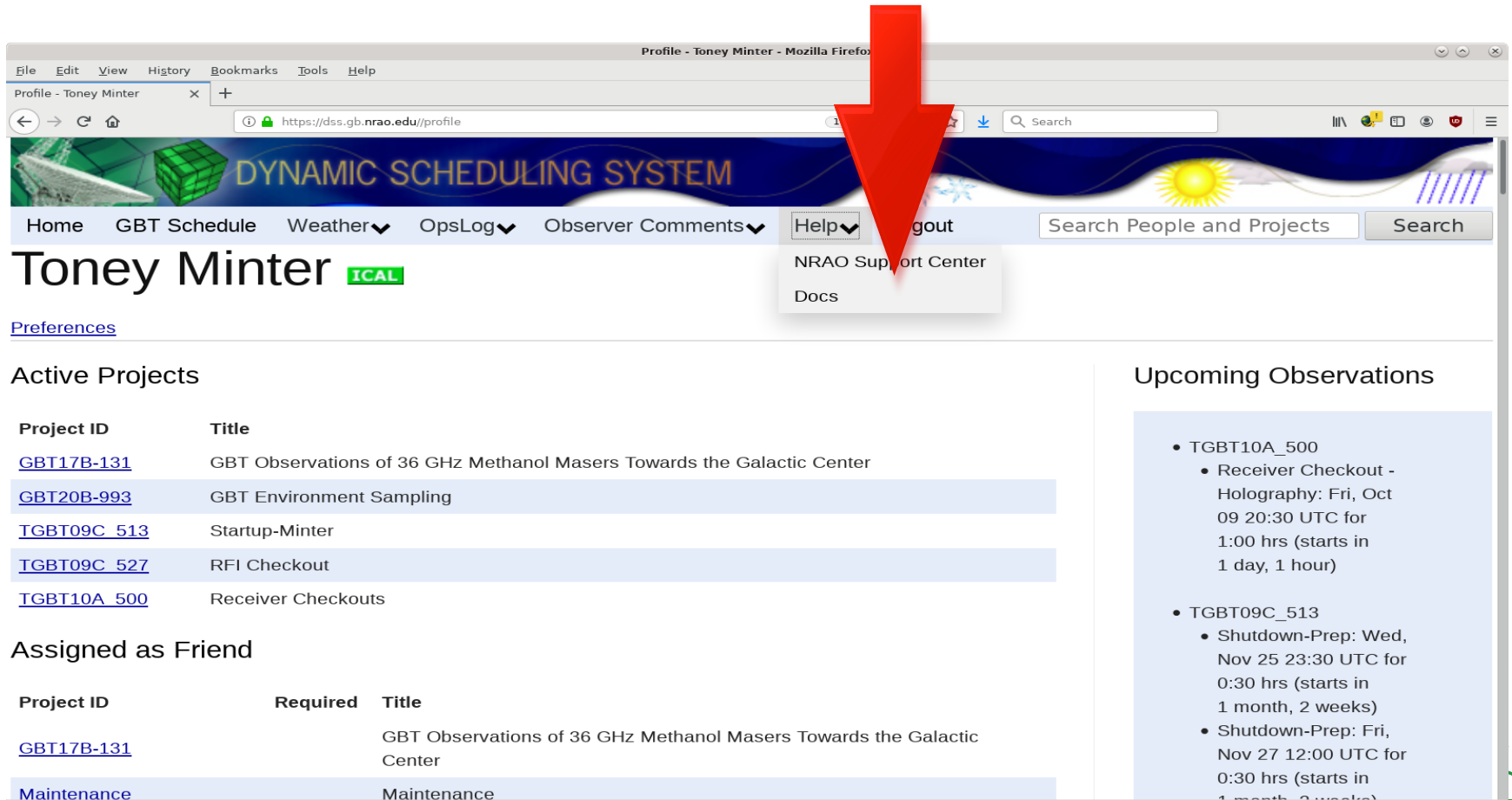
Upcoming Observations

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# DSS Profile Page

Who reads the documentation?



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Profile - Toney Minter x +

https://dss.gb.nrao.edu/profile

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Home GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

Toney Minter ICAL

Preferences

### Active Projects

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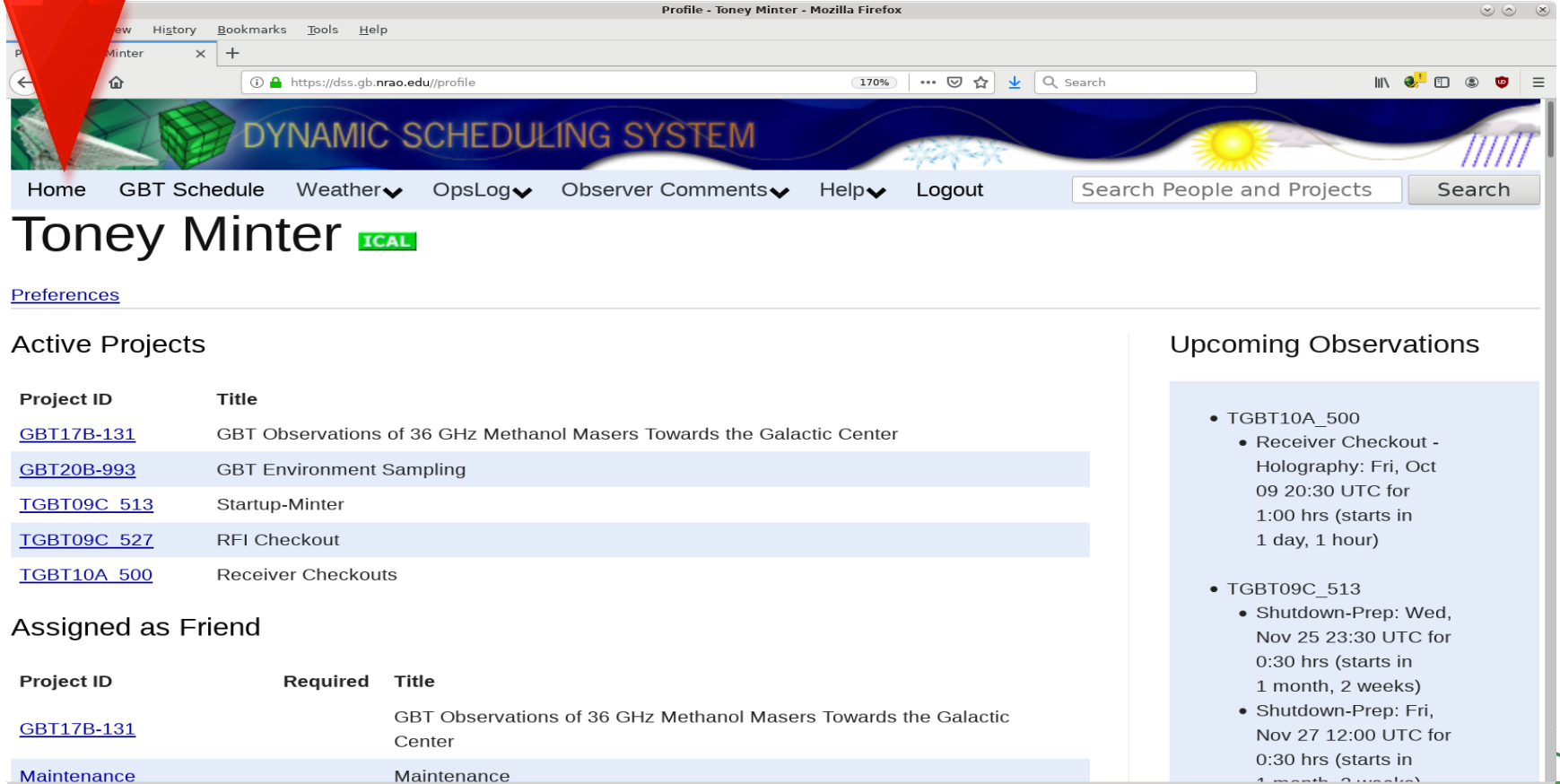

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# DSS Profile Page

Brings you back to this page



Profile - Toney Minter - Mozilla Firefox

https://dss.gb.nrao.edu/profile

DYNAMIC SCHEDULING SYSTEM

Home GBT Schedule Weather OpsLog Observer Comments Help Logout

Search People and Projects Search

## Toney Minter ICAL

[Preferences](#)

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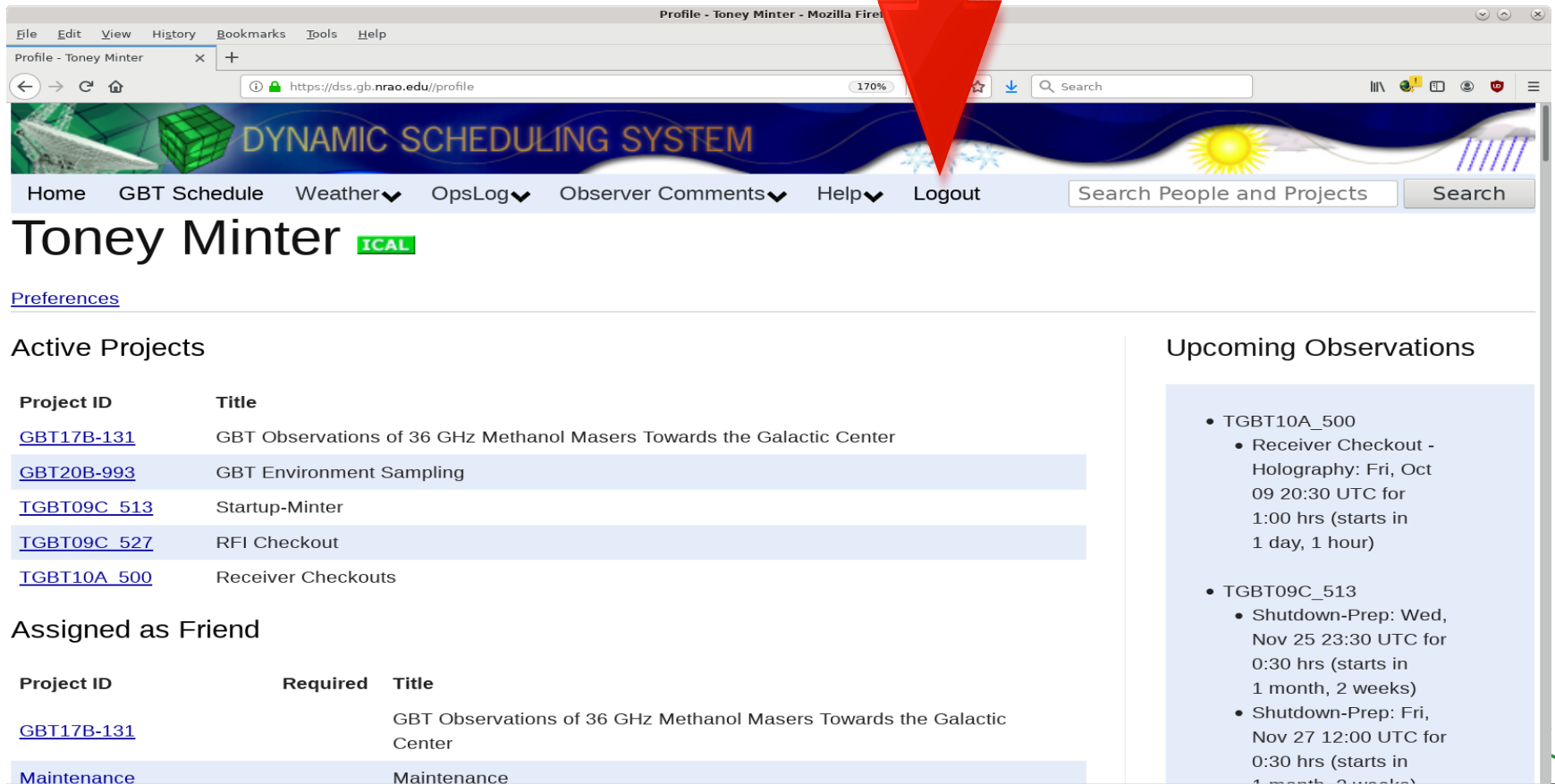
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# DSS Profile Page

Logout of the DSS



Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

https://dss.gb.nrao.edu/profile 170%

DYNAMIC SCHEDULING SYSTEM

Home GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

## Toney Minter ICAL

[Preferences](#)

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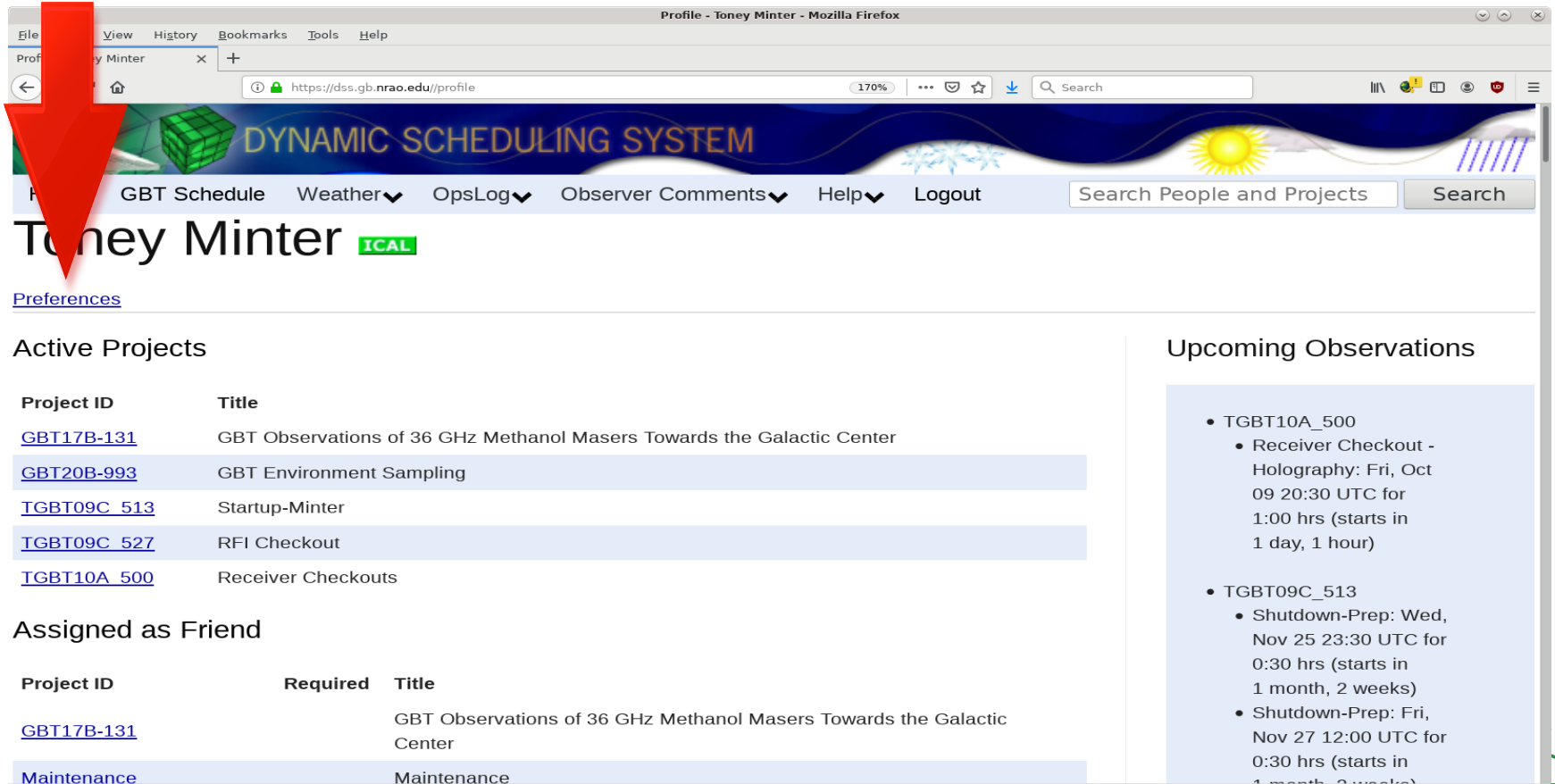
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# DSS Profile Page

Change your preferences



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**DYNAMIC SCHEDULING SYSTEM**

GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

## Toney Minter ICAL

[Preferences](#)

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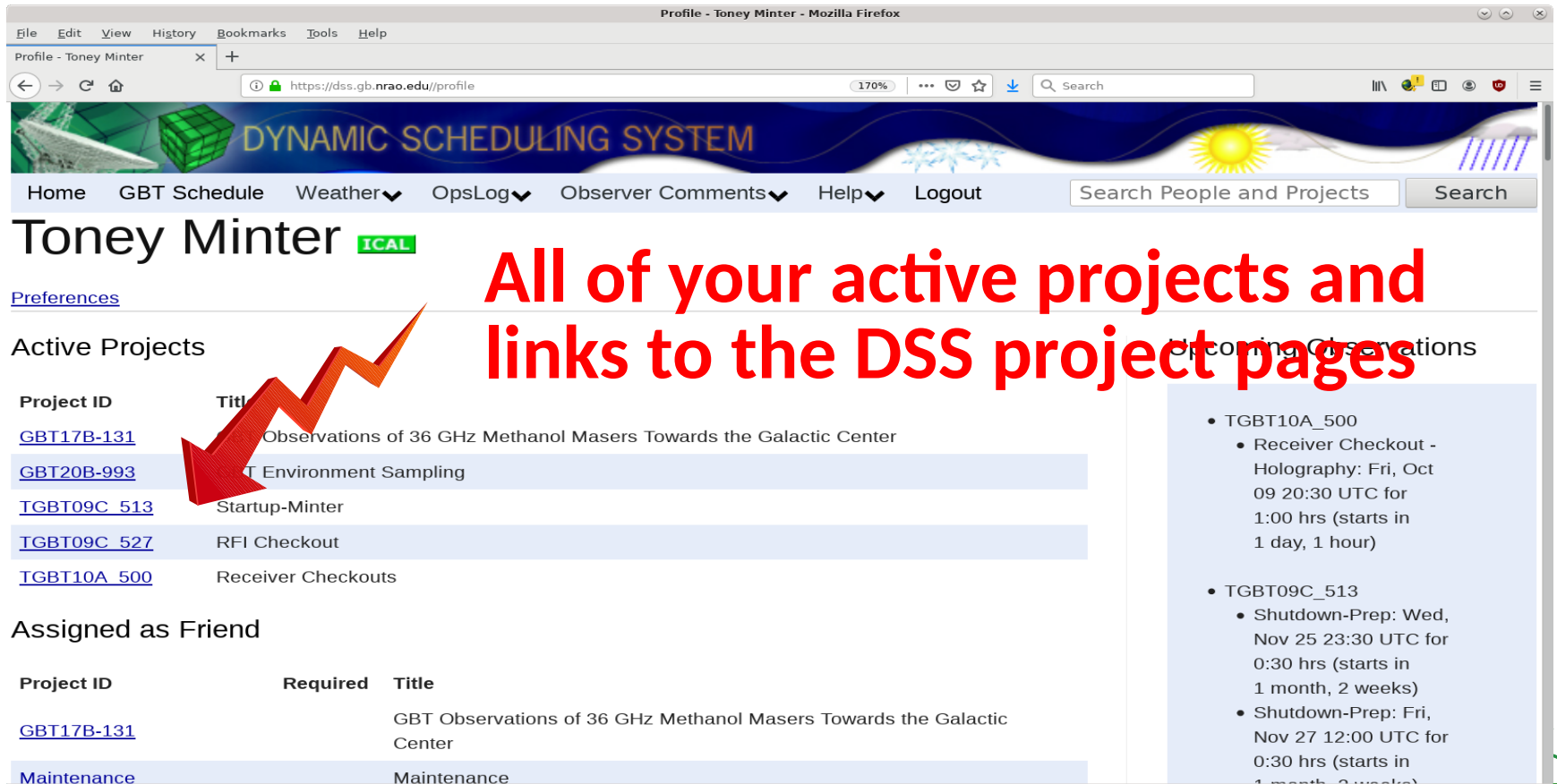
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Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

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DYNAMIC SCHEDULING SYSTEM

Home GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

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[Preferences](#)

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**All of your active projects and links to the DSS project pages**

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# DSS Profile Page

**DYNAMIC SCHEDULING SYSTEM**

Home GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

**Toney Minter** ICAL

[Preferences](#)

**Active Projects**

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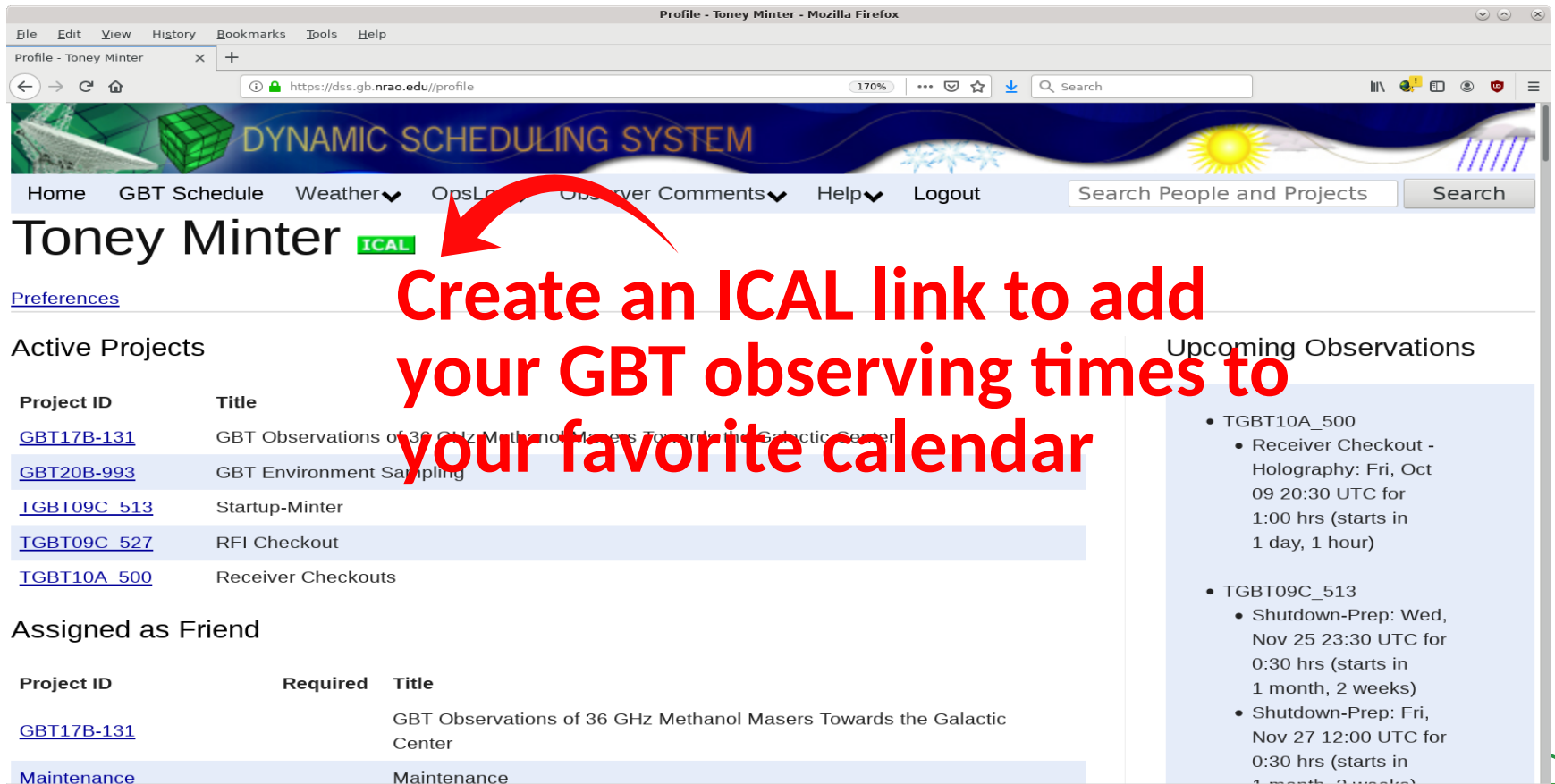
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# DSS Profile Page



Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

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**DYNAMIC SCHEDULING SYSTEM**

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**Toney Minter** **ICAL**

[Preferences](#)

**Active Projects**

Project ID	Title
<a href="#">GBT17B-131</a>	GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
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# DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

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**DYNAMIC SCHEDULING SYSTEM**

Home GBT Schedule Weather▼ OpsLog▼ Observer Comments▼ Help▼ Logout Search People and Projects Search

## Toney Minter ICAL

[Preferences](#)

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Now lets scroll down the page

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# DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Profile - Toney Minter X +

https://dss.gb.nrao.edu/profile 120% Search

### Dynamic Contact Information

None

[edit](#)

### Static Contact Information

To update, edit your profile at [my.nrao.edu](#).

**Email(s)**  
toneyminter@gbobservatory.org (Work)  
tminter@nrao.edu (Other)

**Phone(s)**  
304-456-2275 (Work)

**Postal Address(es)**  
NRAO, PO Box 2, Green Bank, West Virginia, 24944,  
United States, (Office)

**Affiliation(s)**  
Green Bank Observatory

### Blackout Dates (UTC)

Begin	End	Repeat	Until	Description
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[add](#)

### Completed Projects

Project ID	Title
<a href="#">EPO15A-801</a>	EPO images
<a href="#">GBT08B-034</a>	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo
<a href="#">GBT08C-005</a>	SiO Maser Observations of VY CMa
<a href="#">GBT09C-047</a>	Sizes of Pulsar Emission Regions from Scintillation Statistics
<a href="#">GBT10C-035</a>	Investigating the small-scale structure of HI

- Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)
- Shutdown-Prep: Fri, Nov 26 12:00 UTC for 0:30 hrs (starts in 1 year, 1 month)
- Shutdown-Prep: Fri, Dec 24 23:30 UTC for 0:30 hrs (starts in 1 year, 2 months)
- Shutdown-Prep: Sun, Dec 26 12:00 UTC for 0:30 hrs (starts in 1 year, 2 months)
- Shutdown-Prep: Wed, Nov 23 23:30 UTC for 0:30 hrs (starts in 2 years, 1 month)
- Shutdown-Prep: Fri, Nov 25 12:00 UTC for 0:30 hrs (starts in 2 years, 1 month)
- Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)
- Shutdown-Prep: Mon, Dec 26 12:00 UTC for 0:30 hrs (starts in 2 years, 2 months)

### Upcoming Reservations

check-in	check-out
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# DSS Profile Page

List of dates  
when visiting  
GBO

Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter

https://dss.gb.nrao.edu/profile

add

### Completed Projects

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<a href="#">EPO15A-801</a>	EPO images
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<a href="#">GBT08C-005</a>	SiO Maser Observations of VY CMa
<a href="#">GBT09C-047</a>	Sizes of Pulsar Emission Regions from Schinase
<a href="#">GBT10C-035</a>	Investigating the small-scale structure of HI
<a href="#">GBT11A-099</a>	GBT All Sky HI Mapping
<a href="#">GBT12B-198</a>	The small-scale structure of HI: Reconciling VLBI and Pulsar Observations
<a href="#">GBT13A-515</a>	Constraining the distance to the Galactic Center magnetar SGR J1745-29
<a href="#">GBT13A-516</a>	Studying the new magnetar in the Galactic center
<a href="#">GBT13A-524</a>	The distance to the Galactic Center magnetar SGR J1745-29 - Part II
<a href="#">GBT13A-525</a>	Studies at low-frequencies of the magnetar in the Galactic center - II part
<a href="#">GBT13B-274</a>	The Nature of the Smith Cloud: Largest HVC or Dwarf Galaxy Merger Remnant
<a href="#">GBT14A-082</a>	Anomalous 1720 MHz OH: A New Tracer Of Physical Conditions In Molecular Clouds?
<a href="#">GBT14B-480</a>	STEREO B signal lost - GBT attempt to detect for APL/JHU
<a href="#">GBT14B-513</a>	Molecules in Smiths Cloud?
<a href="#">GBT15A-999</a>	Space Research
<a href="#">GBT15B-161</a>	GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
<a href="#">GBT15B-997</a>	Shin'en 2 Observations
<a href="#">GBT16A-461</a>	Public Outreach: GBT Mercury Transit Observations
<a href="#">GBT16A-471</a>	Pilot Observations of 6.7GHz Methanol Masers towards High Mass Stars

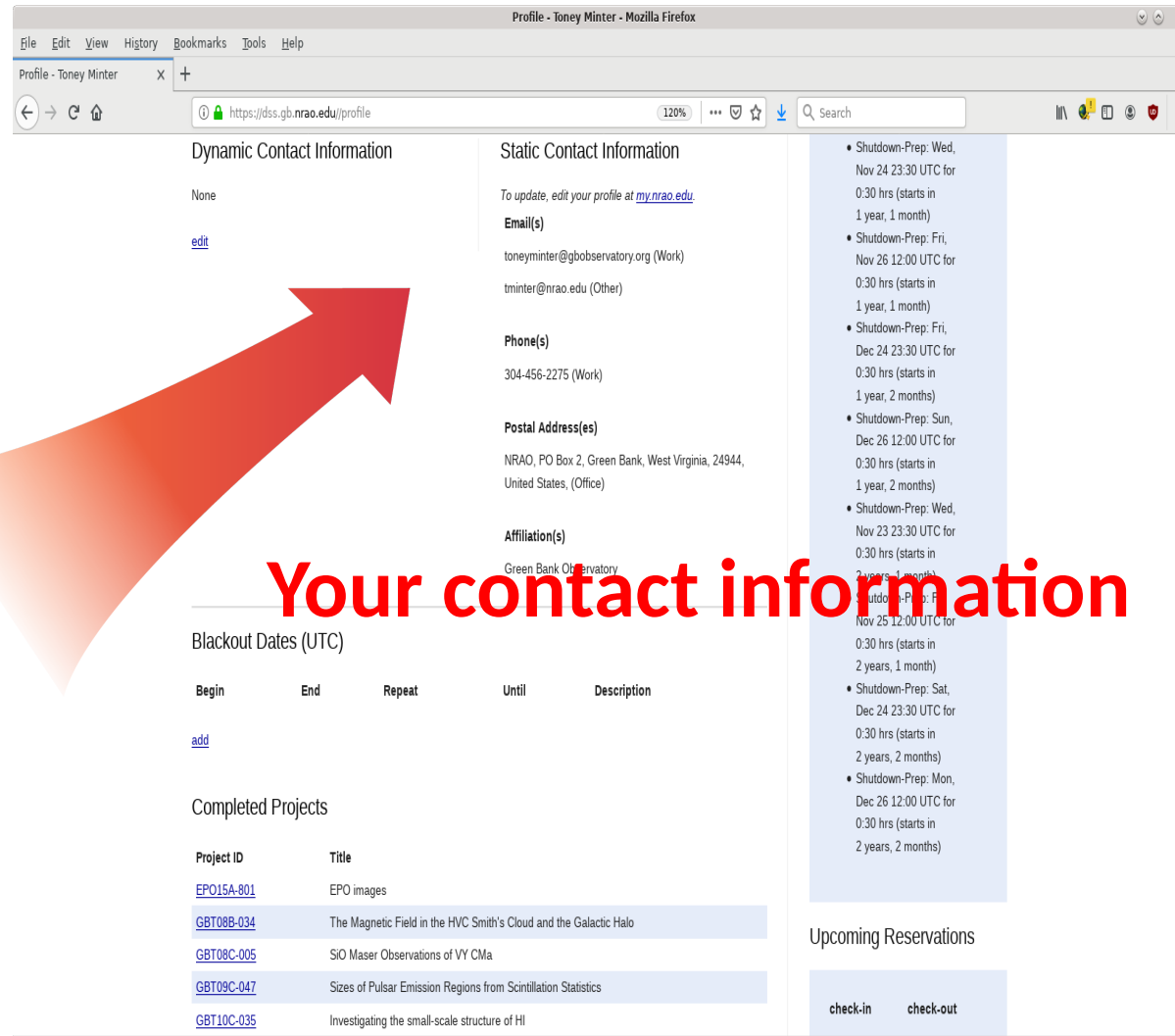
0:30 hrs (starts in 2 years, 2 months)  
• Shutdown-Prep: Mon, Dec 26 12:00 UTC for 0:30 hrs (starts in 2 years, 2 months)

### Upcoming Reservations

check-in check-out



# DSS Profile Page



Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

https://dss.gb.nrao.edu/profile

120%

Search

### Dynamic Contact Information

None

[edit](#)

### Static Contact Information

To update, edit your profile at [my.nrao.edu](https://my.nrao.edu)

**Email(s)**  
toneyminter@gbobobservatory.org (Work)  
tminter@nrao.edu (Other)

**Phone(s)**  
304-456-2275 (Work)

**Postal Address(es)**  
NRAO, PO Box 2, Green Bank, West Virginia, 24944, United States, (Office)

**Affiliation(s)**  
Green Bank Observatory

### Blackout Dates (UTC)

Begin	End	Repeat	Until	Description
-------	-----	--------	-------	-------------

[add](#)

### Completed Projects

Project ID	Title
<a href="#">EPO15A-801</a>	EPO images
<a href="#">GBT08B-034</a>	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo
<a href="#">GBT08C-005</a>	SIO Maser Observations of VY Cma
<a href="#">GBT09C-047</a>	Sizes of Pulsar Emission Regions from Scintillation Statistics
<a href="#">GBT10C-035</a>	Investigating the small-scale structure of HI

### Upcoming Reservations

check-in	check-out
• Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)	
• Shutdown-Prep: Fri, Nov 26 12:00 UTC for 0:30 hrs (starts in 1 year, 1 month)	
• Shutdown-Prep: Fri, Dec 24 23:30 UTC for 0:30 hrs (starts in 1 year, 2 months)	
• Shutdown-Prep: Sun, Dec 26 12:00 UTC for 0:30 hrs (starts in 1 year, 2 months)	
• Shutdown-Prep: Wed, Nov 23 23:30 UTC for 0:30 hrs (starts in 2 years, 1 month)	
• Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)	
• Shutdown-Prep: Mon, Dec 26 12:00 UTC for 0:30 hrs (starts in 2 years, 2 months)	



# DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter

https://dss.gb.nrao.edu/profile

150%

Search

[Unscheduled Maintenance](#)    Unscheduled Maintenance

---

### Dynamic Contact Information

None

[edit](#)

### Static Contact Information

To update, edit your profile at [my.nrao.edu](#).

**Email(s)**

toneyminter@gboobservatory.org (Work)

tminter@nrao.edu (Other)

**Phone(s)**

304-456-2275 (Work)

**Postal Address**

NRAO, PO Box 2, Green Bank, West Virginia, 24944,  
United States (Once)

**Affiliation(s)**

Green Bank Observatory

---

### Blackout Dates (UTC)

Begin	End	Repeat	Until	Description
<a href="#">add</a>				

Dec 26 12:00 UTC for 0:30 hrs (starts in 2 months, 2 weeks)

- Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)
- Shutdown-Prep: Fri, Nov 26 12:00 UTC for 0:30 hrs (starts in 1 year, 1 month)
- Shutdown-Prep: Fri, Dec 24 23:30 UTC for 0:30 hrs (starts in 1 year, 2 months)
- Shutdown-Prep: Sun, Dec 26 12:00 UTC for 0:30 hrs (starts in 1 year, 2 months)
- Shutdown-Prep: Wed, Nov 23 23:30 UTC for 0:30 hrs (starts in 2 years, 1 month)
- Shutdown-Prep: Fri, Nov 25 12:00 UTC for 0:30 hrs (starts in 2 years, 1 month)
- Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)
- Shutdown-Prep: Mon,





# DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

← → ↻ 🏠 <https://dss.gb.nrao.edu/profile> 150% 🔒 ⭐ 🔍 Search

[Unscheduled Maintenance](#) Unscheduled Maintenance

---

### Dynamic Contact Information

None

[edit](#)

### Static Contact Information

To update, edit your profile at [my.nrao.edu](https://my.nrao.edu).

**Email(s)**

toneyminter@gbobservatory.org (Work)

tminter@nrao.edu (Other)

**Phone(s)**

304-456-2275 (Work)

**Postal Address(es)**

NRAC PO Box 2, Green Bank, West Virginia, 24944, United States, (Office)

**Affiliation(s)**

Green Bank Observatory

---

### Blackout Dates (UTC)

Begin	End	Repeat	Until	Description
<a href="#">add</a>				

- Dec 26 12:00 UTC for 0:30 hrs (starts in 2 months, 2 weeks)
- Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)
- Shutdown-Prep: Fri, Nov 26 12:00 UTC for 0:30 hrs (starts in 1 year, 1 month)
- Shutdown-Prep: Fri, Dec 24 23:30 UTC for 0:30 hrs (starts in 1 year, 2 months)
- Shutdown-Prep: Sun, Dec 26 12:00 UTC for 0:30 hrs (starts in 1 year, 2 months)
- Shutdown-Prep: Wed, Nov 23 23:30 UTC for 0:30 hrs (starts in 2 years, 1 month)
- Shutdown-Prep: Fri, Nov 25 12:00 UTC for 0:30 hrs (starts in 2 years, 1 month)
- Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)
- Shutdown-Prep: Mon,

Use this link to update your dynamic contact information (in a text field)

# DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Profile - Toney Minter x +

← → ↻ 🏠 🔒 https://dss.gb.nrao.edu/profile 150% 🔍 Search

[Unscheduled Maintenance](#) Unscheduled Maintenance

---

### Dynamic Contact Information

None

[edit](#)

### Static Contact Information

To update, edit your profile at [my.nrao.edu](https://my.nrao.edu).

**Email(s)**

toneminter@gboobservatory.org (Work)

tminter@nrao.edu (Other)

**Phone(s)**

304-456-2275 (Work)

### Physical Addresses

NRAO, PO Box 2, Green Bank, West Virginia, 24944, United States (Office)

**Affiliation(s)**

Green Bank Observatory

---

### Blackout Dates (UTC)

Begin	End	Reason	Description
<a href="#">add</a>			

Dec 26 12:00 UTC for 0:30 hrs (starts in 2 months, 2 weeks)

- Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)
- Shutdown-Prep: Fri, Nov 26 12:00 UTC for 0:30 hrs (starts in 1 year, 1 month)
- Shutdown-Prep: Fri, Dec 24 23:30 UTC for 0:30 hrs (starts in 1 year, 2 months)
- Shutdown-Prep: Sun, Dec 26 12:00 UTC for 0:30 hrs (starts in 1 year, 2 months)
- Shutdown-Prep: Wed, Nov 23 23:30 UTC for 0:30 hrs (starts in 2 years, 1 month)
- Shutdown-Prep: Fri, Nov 25 12:00 UTC for 0:30 hrs (starts in 2 years, 1 month)
- Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)
- Shutdown-Prep: Mon,



# DSS Profile Page

**Your projects that have completed or closed and will not be scheduled in the future.**

**Dynamic Contact Information**

None

[edit](#)

**Static Contact Information**

To update, edit your profile at [my.nrao.edu](https://my.nrao.edu)

Email(s)  
tonyminter@gbobservatory.org (Work)

Phone(s)

Postal Address(es)

Affiliation(s)

Green Bank Observatory

**Blackout Dates (UTC)**

Begin	End	Repeat	Until	Description
				Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)
				Shutdown-Prep: Fri, Nov 26 12:00 UTC for 0:30 hrs (starts in 4 years, 1 month)
				Shutdown-Prep: Fri, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)
				Shutdown-Prep: Sun, Dec 26 12:00 UTC for 0:30 hrs (starts in 1 year, 2 months)
				Shutdown-Prep: Wed, Nov 23 23:30 UTC for 0:30 hrs (starts in 2 years, 1 month)
				Shutdown-Prep: Fri, Nov 25 12:00 UTC for 0:30 hrs (starts in 2 years, 1 month)
				Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)
				Shutdown-Prep: Mon, Dec 26 12:00 UTC for 0:30 hrs (starts in 2 years, 2 months)

**Completed Projects**

Project ID	Title
<a href="#">EPO15A-801</a>	EPO images
<a href="#">GBT08B-034</a>	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo
<a href="#">GBT08C-005</a>	SIO Maser Observations of VY CMa
<a href="#">GBT09C-047</a>	Sizes of Pulsar Emission Regions from Scintillation Statistics

**Upcoming Reservations**

check-in	check-out
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# DSS Profile Page

Enter times when you  
can not observe here!

Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter

https://dss.gb.nrao.edu/profile

Dynamic Contact Information

None

[edit](#)

Static Contact Information

To update, edit your profile at [my.nrao.edu](https://my.nrao.edu)

Email(s)

toneyminter@gbobservatory.org (Work)

tminter@nrao.edu (Other)

Phone(s)

304.456.2255 (Work)

Postal Address(es)

NRAO, PO Box 2, Green Bank, West Virginia, 24944, United States, (Office)

Affiliation(s)

Green Bank Observatory

Blackout Dates (UTC)

Begin	End	Repeat	Until	Reason
-------	-----	--------	-------	--------

[add](#)

Completed Projects

Project ID	Title
<a href="#">EPO15A-801</a>	EPO images
<a href="#">GBT08B-034</a>	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo
<a href="#">GBT08C-005</a>	SIO Maser Observations of VY CMa
<a href="#">GBT09C-047</a>	Sizes of Pulsar Emission Regions from Scintillation Statistics

Upcoming Reservations

check-in	check-out
----------	-----------

- Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)
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- Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)
- Shutdown-Prep: Mon, Dec 26 12:00 UTC for 0:30 hrs (starts in 2 years, 2 months)



# DSS Profile Page

**Click the add link to add a blackout**

**Dynamic Contact Information**

None

[edit](#)

**Static Contact Information**

To update, edit your profile at [my.nrao.edu](https://my.nrao.edu)

**Email(s)**

toneyminter@gbobservatory.org (Work)

tmt@nrao.edu (Other)

**Phone(s)**

304-456-2275 (Work)

**Postal Address(es)**

NRAO, PO Box 2, Green Bank, West Virginia, 24944, United States, (Office)

**Affiliation(s)**

Green Bank Observatory

**Blackout Dates (UTC)**

Begin	End	Repeat	Until	Description
<a href="#">add</a>				

**Completed Projects**

Project ID	Title
<a href="#">EPO15A-801</a>	EPO images
<a href="#">GBT08B-034</a>	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo
<a href="#">GBT08C-005</a>	SIO Maser Observations of VY CMa
<a href="#">GBT09C-047</a>	Sizes of Pulsar Emission Regions from Scintillation Statistics

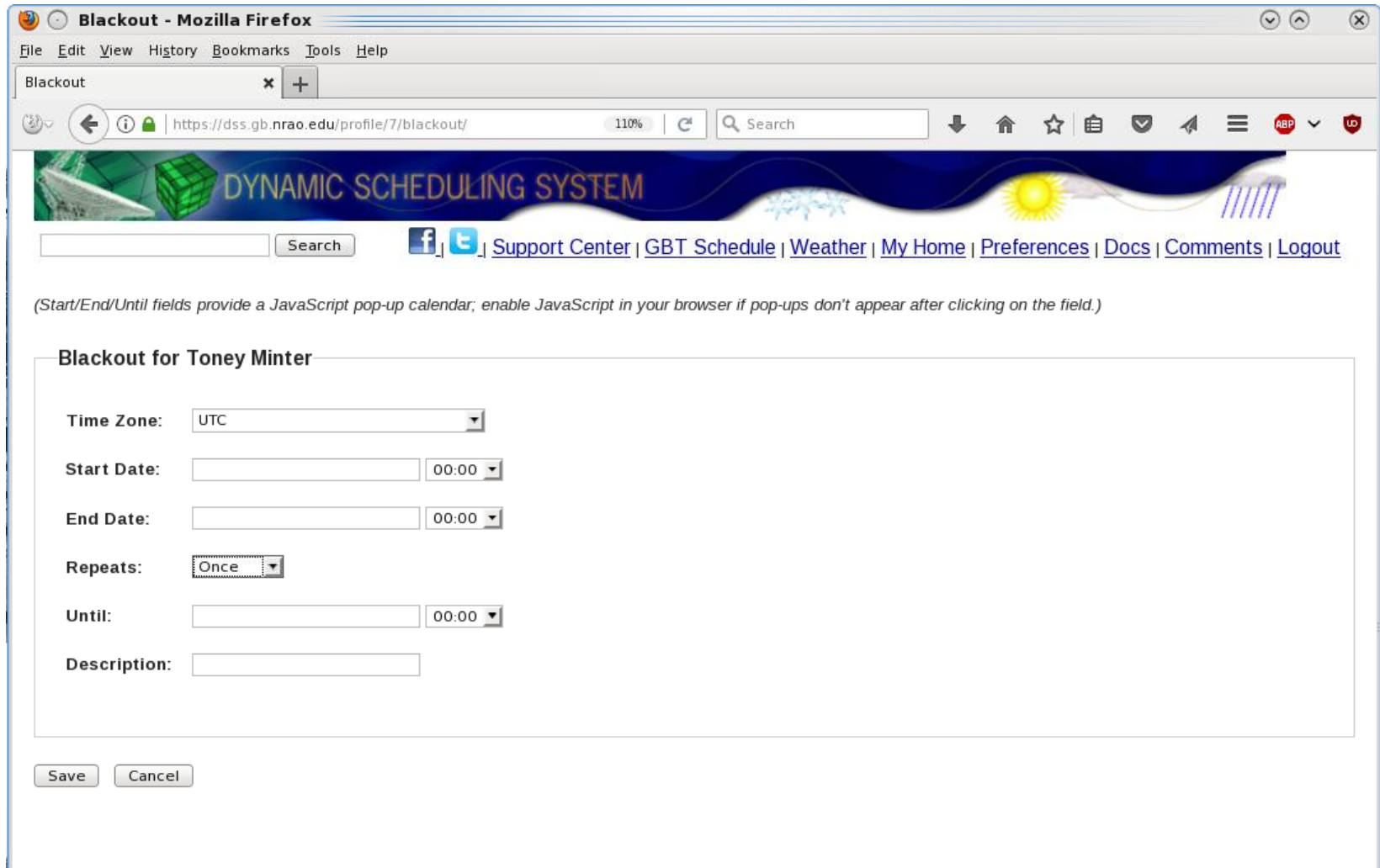
**Upcoming Reservations**

check-in	check-out
Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)	
Shutdown-Prep: Fri, Nov 26 12:00 UTC for 0:30 hrs (starts in 1 year, 1 month)	
Shutdown-Prep: Fri, Dec 24 23:30 UTC for 0:30 hrs (starts in 1 year, 2 months)	
Shutdown-Prep: Sun, Dec 26 12:00 UTC for 0:30 hrs (starts in 1 year, 2 months)	
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Shutdown-Prep: Fri, Nov 25 12:00 UTC for 0:30 hrs (starts in 2 years, 1 month)	
Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)	
Shutdown-Prep: Mon, Dec 26 12:00 UTC for 0:30 hrs (starts in 2 years, 2 months)	





# DSS Blackout Entry



The screenshot shows a Mozilla Firefox browser window titled "Blackout - Mozilla Firefox". The address bar displays the URL "https://dss.gb.nrao.edu/profile/7/blackout/". The page features a header with the text "DYNAMIC SCHEDULING SYSTEM" and a navigation menu with links: "Support Center", "GBT Schedule", "Weather", "My Home", "Preferences", "Docs", "Comments", and "Logout". Below the header, a note states: "(Start/End/Until fields provide a JavaScript pop-up calendar; enable JavaScript in your browser if pop-ups don't appear after clicking on the field.)". The main form is titled "Blackout for Toney Minter" and contains the following fields:

- Time Zone: UTC (dropdown menu)
- Start Date: [ ] 00:00 (dropdown menu)
- End Date: [ ] 00:00 (dropdown menu)
- Repeats: Once (dropdown menu)
- Until: [ ] 00:00 (dropdown menu)
- Description: [ ]

At the bottom of the form are "Save" and "Cancel" buttons.

# DSS Blackout Entry

Blackout - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Blackout

https://dss.gb.nrao.edu/profile/7/blackout/ 110%

DYNAMIC SCHEDULING SYSTEM

Search

Support Center | GBT Schedule | Weather | My Home | Preferences | Docs | Comments | Logout

(Start/End/Until fields provide a JavaScript pop-up calendar; enable JavaScript in your browser if pop-ups don't appear after clicking on the field.)

**Blackout for Toney Minter**

Time Zone: UTC

Start Date: 00:00

End Date: :00

Repeats: Once

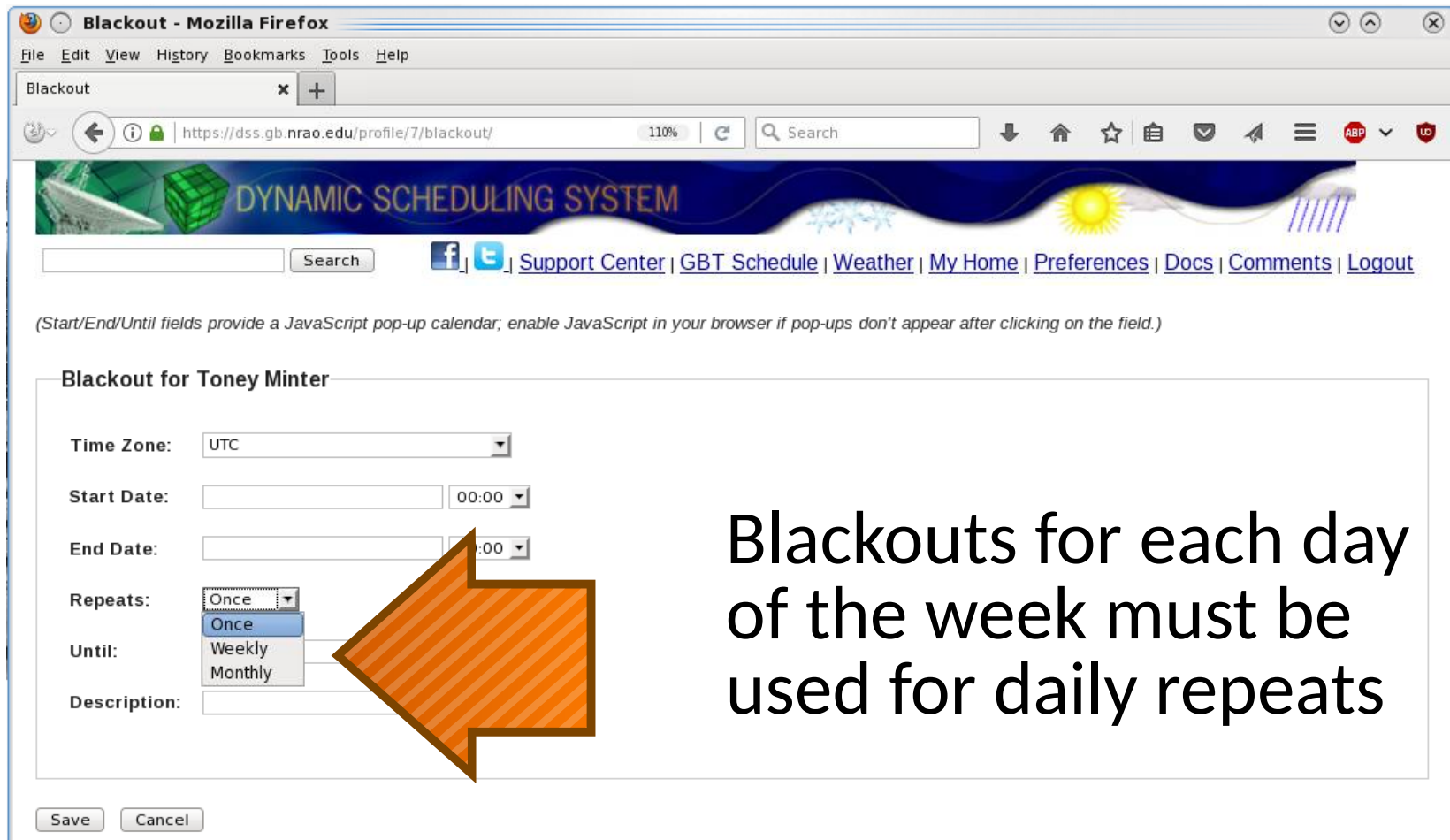
Until:

Description:

Save Cancel

Blackouts can be repeated Weekly or Monthly

# DSS Blackout Entry



Blackout - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Blackout

https://dss.gb.nrao.edu/profile/7/blackout/ 110%

DYNAMIC SCHEDULING SYSTEM

Search

Support Center | GBT Schedule | Weather | My Home | Preferences | Docs | Comments | Logout

(Start/End/Until fields provide a JavaScript pop-up calendar; enable JavaScript in your browser if pop-ups don't appear after clicking on the field.)

**Blackout for Toney Minter**

Time Zone: UTC

Start Date: 00:00

End Date: :00

Repeats: Once

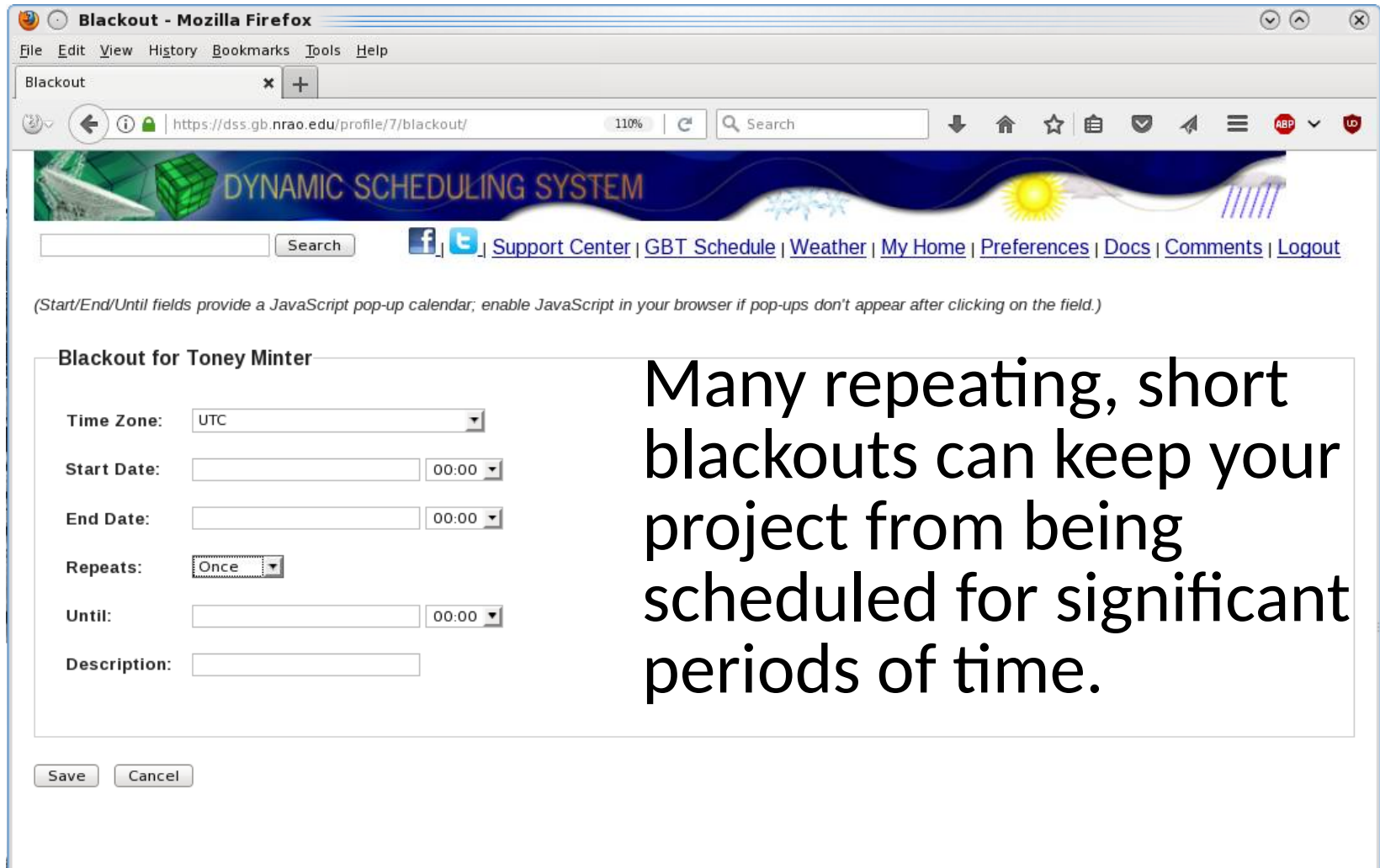
Until:

Description:

Save Cancel

Blackouts for each day of the week must be used for daily repeats

# DSS Blackout Entry



The screenshot shows a Mozilla Firefox browser window titled "Blackout - Mozilla Firefox". The address bar shows the URL "https://dss.gb.nrao.edu/profile/7/blackout/". The page features a banner for the "DYNAMIC SCHEDULING SYSTEM" with a search bar and navigation links: "Support Center", "GBT Schedule", "Weather", "My Home", "Preferences", "Docs", "Comments", and "Logout". Below the banner, a note states: "(Start/End/Until fields provide a JavaScript pop-up calendar; enable JavaScript in your browser if pop-ups don't appear after clicking on the field.)". The main form is titled "Blackout for Toney Minter" and contains the following fields:

- Time Zone:
- Start Date:
- End Date:
- Repeats:
- Until:
- Description:

At the bottom of the form are "Save" and "Cancel" buttons.

Many repeating, short blackouts can keep your project from being scheduled for significant periods of time.

# DSS Profile Page

**Profile - Toney Minter - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

Profile - Toney Minter x +

https://dss.gb.nrao.edu/profile 110% Search

**Dynamic Contact Information**

None

[edit](#)

**Static Contact Information**

To update, edit your profile at [my.nrao.edu](https://my.nrao.edu)

**Email(s)**

tminter@nrao.edu (Other)

**Phone(s)**

304-456-2275 (Work)

**Postal Address(es)**

NRAO, PO Box 2, Green Bank, West Virginia, 24944, United States (Office)

**Affiliation(s)**

Green Bank Observatory

**Upcoming Reservations**

- TGBT10A\_500
- Receiver Checkout - Q: Tue, May 15 20:30 UTC for 1:15 hrs

check-in	check-out

**Blackout Dates (UTC)**

Begin	End	Repeat	Until	Description
11 Apr 2018 21:00	12 Apr 2018 03:45	Weekly	30 May 2018 23:00	Quixote and Boji School <a href="#">edit</a>   <a href="#">delete</a>

[add](#)

**Completed Projects**

Project ID	
<a href="#">EPO15A-801</a>	EPO images
<a href="#">GBT08B-034</a>	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo
<a href="#">GBT08C-005</a>	SiO Maser Observations of VY CMa
<a href="#">GBT09C-047</a>	Sizes of Pulsar Emission Regions from Scintillation Statistics
<a href="#">GBT10C-035</a>	Investigating the small-scale structure of HI

**Now lets head to a DSS project page**



# DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

DYNAMIC SCHEDULING SYSTEM

Search

Support Center | GBT Schedule | Weather | My Home | Preferences | Docs | Comments | Logout

## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-03	RA: 00:29:03.0 Dec: 12:48:35.0	1.44	L	9.0 / 9.0	1.25 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-04	RA: 02:26:43.0 Dec: 02:48:40.0	1.44	L	7.75 / 9.0	0.5 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

### Information

**Friends**  
[Tony Minter](#)

**Trimester**  
18A

**Thesis?**  
No

**Total Time (Hrs)**  
90.0

**Time Billed (Hrs)**  
60.5

**Complete?**  
No

**Scheduling Alerts**

**Receiver(s)**  
Unavailable:

### Upcoming Reservations



# DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

DYNAMIC SCHEDULING SYSTEM

Search

Support Center | GBT Schedule | Weather | My Home | Preferences | Docs | Comments | Logout

## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-03	RA: 00:29:03.0 Dec: 12:48:35.0	1.44	L	9.0 / 9.0	1.25 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-04	RA: 02:26:43.0 Dec: 02:48:40.0	1.44	L	7.75 / 9.0	0.5 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

### Information

**Friends**  
[Tony Minter](#)

**Trimester**  
18A

**Thesis?**  
No

**Total Time (Hrs)**  
90.0

**Time Billed (Hrs)**  
60.5

**Complete?**  
No

**Scheduling Alerts**

**Receiver(s)**  
Unavailable:

### Upcoming Reservations

Everyone needs a friend



GREEN BANK  
OBSERVATORY



# DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

DYNAMIC SCHEDULING SYSTEM

Search

Support Center | GBT Schedule | Weather | My Home | Preferences | Docs | Comments | Logout

## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
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GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-03	RA: 00:29:03.0 Dec: 12:48:35.0	1.44	L	9.0 / 9.0	1.25 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
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GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

Is this a student's thesis project



# DSS Project Page

GBT18A-314 - Mozilla Firefox

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GBT18A-314

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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
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GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

How much time is allocated and has been used by the project



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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

Is the  
project  
completed  
or closed



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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

Are the receiver(s) available (uses or logic)



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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

Is any  
project team  
member  
visiting GBO



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## GBT18A-314

Does The Smith Cloud Have A Debris?

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	map	d	C	h	P	m	e	t	s
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>								
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### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

**Your project's sessions  
These are what are  
scheduled**



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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Session Information

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

Upcoming Reservations

**Name of Session  
Will appear on schedule**





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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Session

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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### Information

Friends: [Tony Minter](#)

Thesis? No

Total Time (Hrs) 90.0

Time Billed (Hrs) 60.5

Complete? No

Scheduling Alerts

Receiver(s) Unavailable:

### Upcoming Reservations

**RA and Dec used to schedule the session – if this is not up you will not be scheduled**



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## GBT18A-314

Does The Smith Cloud Have A Debris Stream

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	State	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

Frequency used to determine weather parameters



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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-03	RA: 00:29:03.0 Dec: 12:48:35.0	1.44	L	9.0 / 9.0	1.25 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-04	RA: 02:26:43.0 Dec: 02:48:40.0	1.44	L	7.75 / 9.0	0.5 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

Receiver(s) to be used  
And (&) Or (I) logic used



GREEN BANK  
OBSERVATORY

# DSS Project Page

GBT18A-314 - Mozilla Firefox

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GBT18A-314

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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

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GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

**Time allocated and used for each session**



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GBT18A-314

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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Shall	One	Var	Time	Info
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>				
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### Information

Friends  
[Toney Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

Minimum/Maximum  
requested length of  
scheduled time



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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
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**Information**

Friends: [Toney Minter](#)

Thesis? No

Total Time (Hrs) 90.0

Time Billed (Hrs) 60.5

Complete? No

Scheduling Alerts

Receiver(s) Unavailable:

**Upcoming Reservations**

**Spectral line,  
continuum,  
pulsar, VLBI,  
radar, etc.**



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GBT18A-314

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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

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### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

Assigned priority  
A, B or C





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## GBT18A-314

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**If checked then can be scheduled**

Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

Upcoming Reservations





# DSS Project Page

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GBT18A-314

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## GBT18A-314

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### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

Other parameters that control scheduling



# DSS Parameters

- Time between
  - Minimum wait time in hours between scheduled sessions
  - Default is zero
- $\text{Xi}$ 
  - Allow for worse weather conditions to be considered
  - Default is 1.0
  - 1.1 or 1.2 commonly used
- LST exclusion/inclusion
  - Restrict the LST for scheduling the session
  - Default is no restriction



# DSS Parameters

- Src Size
  - If extended source then can observe in higher winds
  - Default is zero
- TrErrThreshold
  - If can tolerate larger calibration errors then can observe in higher winds
  - Each receiver has default based on <10% error from winds
- Elevation limit
  - Observations must be above this limit
  - Each receiver has its own default



# DSS Parameters

- Irradiance
  - Upward vs downward IR flux
  - Mostly temperature and some cloud cover
  - Only for continuum observing
- Solar Avoidance
  - Avoid being this many degrees from Sun
  - Default is zero



# DSS Parameters

- Time of Day
  - Default is Anytime
  - Night (sunset to sunrise)
  - RFI night (roughly 10pm-6am local time)
  - Thermal night (3 hours after sunset to sunrise)
- Transit
  - Source must transit when scheduled
- Keyhole
  - At high elevations telescope can not move fast enough in Azimuth to keep up with source moving across sky
  - Avoid scheduling session if in keyhole



# DSS Project Page

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## GBT18A-314

Does The Smith Cloud Have A Debris Stream?

### Project Sessions

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### Information

Friends  
[Tony Minter](#)

Trimester  
18A

Thesis?  
No

Total Time (Hrs)  
90.0

Time Billed (Hrs)  
60.5

Complete?  
No

Scheduling Alerts

Receiver(s)  
Unavailable:

### Upcoming Reservations

Now we  
will scroll  
down the  
page



# DSS Project Page

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GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

Dec 10:26:21.0

Project Calendar (UTC)

\*\* Any days shaded in gray in the calendar indicate that the project cannot be scheduled on that day (click on day for details). \*\*

observations, blackouts, reservations, windows, semester boundary

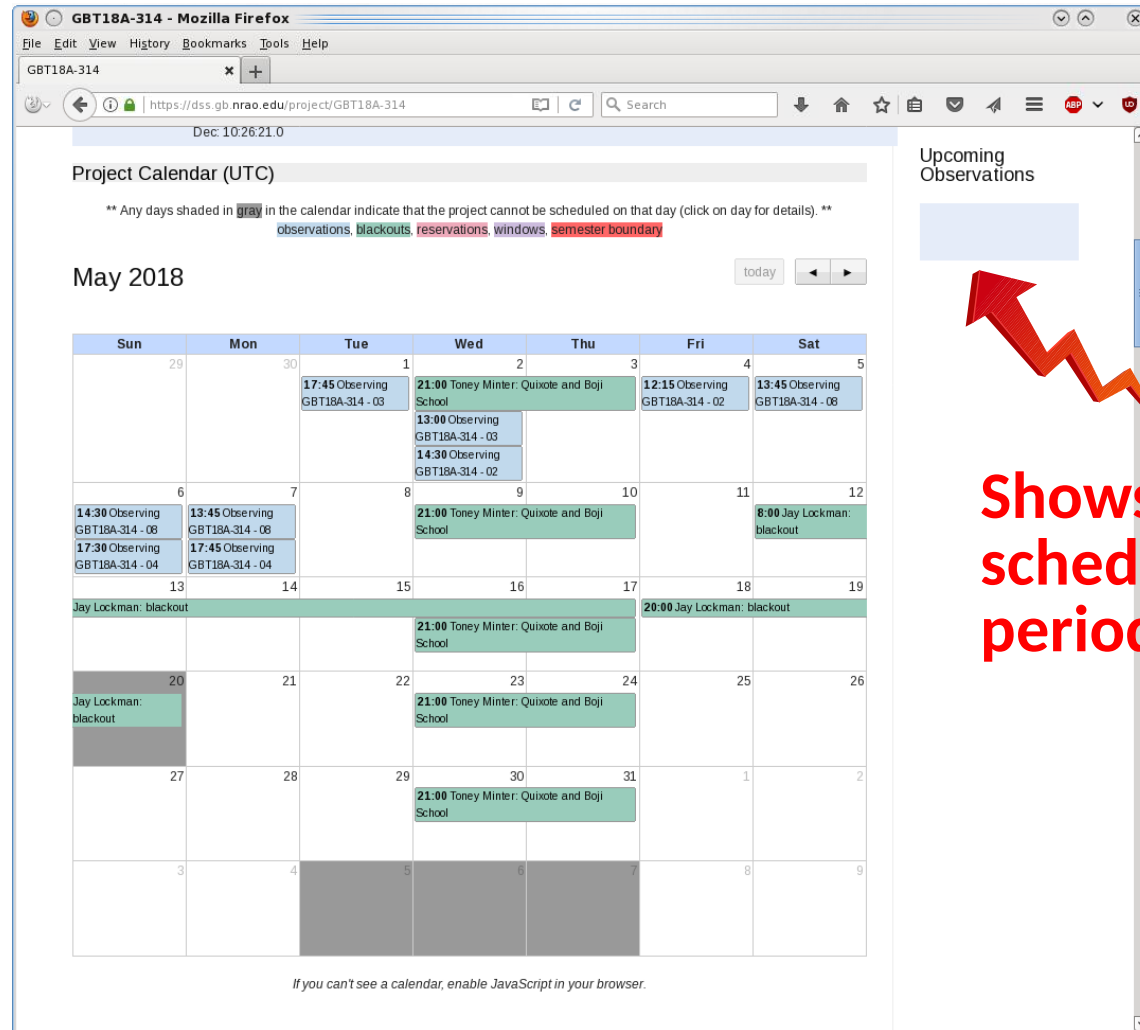
May 2018

today

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	1 17:45 Observing GBT18A-314 - 03	2 21:00 Toney Minter: Quixote and Boji School 13:00 Observing GBT18A-314 - 03 14:30 Observing GBT18A-314 - 02	3	4 12:15 Observing GBT18A-314 - 02	5 13:45 Observing GBT18A-314 - 06
6 14:30 Observing GBT18A-314 - 06 17:30 Observing GBT18A-314 - 04	7 13:45 Observing GBT18A-314 - 06 17:45 Observing GBT18A-314 - 04	8	9 21:00 Toney Minter: Quixote and Boji School	10	11	12 8:00 Jay Lockman: blackout
13 Jay Lockman: blackout	14	15	16 21:00 Toney Minter: Quixote and Boji School	17	18 20:00 Jay Lockman: blackout	19
20 Jay Lockman: blackout	21	22	23 21:00 Toney Minter: Quixote and Boji School	24	25	26
27	28	29	30 21:00 Toney Minter: Quixote and Boji School	31	1	2
3	4	5	6	7	8	9

If you can't see a calendar, enable JavaScript in your browser.

Upcoming Observations

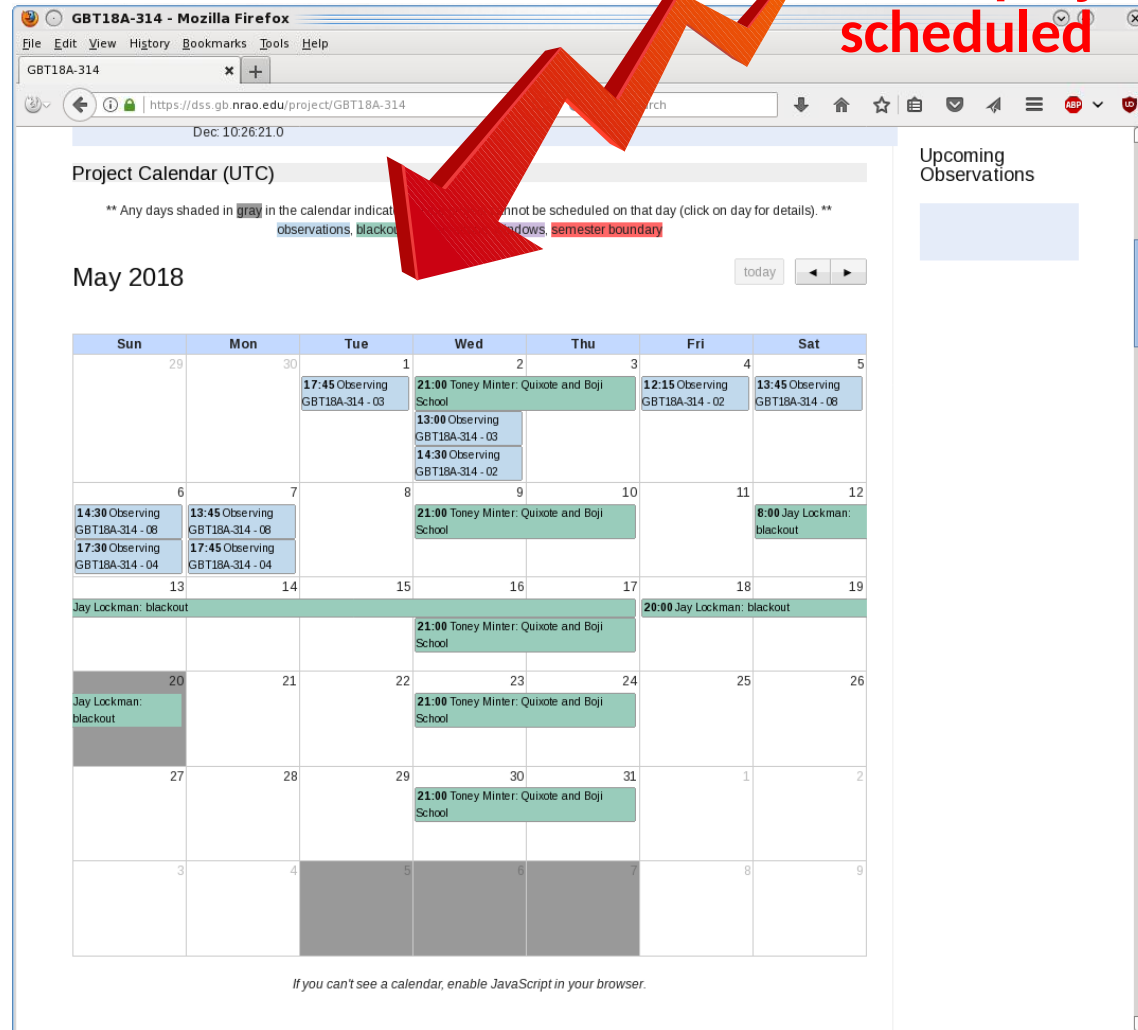


Shows upcoming  
scheduled  
periods



# DSS Project Page

A calendar showing  
blackouts, scheduled  
sessions and periods  
when project can not be  
scheduled





# DSS Project Page

Now we will  
scroll down the  
page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

Dec 10:26:21.0

### Project Calendar (UTC)

\*\* Any days shaded in gray in the calendar indicate that the project cannot be scheduled on that day (click on day for details). \*\*

observations, blackouts, reservations, windows, semester boundary

May 2018

today

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	1 17:45 Observing GBT18A-314 - 03	2 21:00 Toney Minter: Quixote and Boji School 13:00 Observing GBT18A-314 - 03 14:30 Observing GBT18A-314 - 02	3	4 12:15 Observing GBT18A-314 - 02	5 13:45 Observing GBT18A-314 - 06
6 14:30 Observing GBT18A-314 - 08 17:30 Observing GBT18A-314 - 04	7 13:45 Observing GBT18A-314 - 08 17:45 Observing GBT18A-314 - 04	8	9 21:00 Toney Minter: Quixote and Boji School	10	11	12 8:00 Jay Lockman: blackout
13 Jay Lockman: blackout	14	15	16 21:00 Toney Minter: Quixote and Boji School	17	18 20:00 Jay Lockman: blackout	19
20 Jay Lockman: blackout	21	22	23 21:00 Toney Minter: Quixote and Boji School	24	25	26
27	28	29	30 21:00 Toney Minter: Quixote and Boji School	31	1	2
3	4	5	6	7	8	9

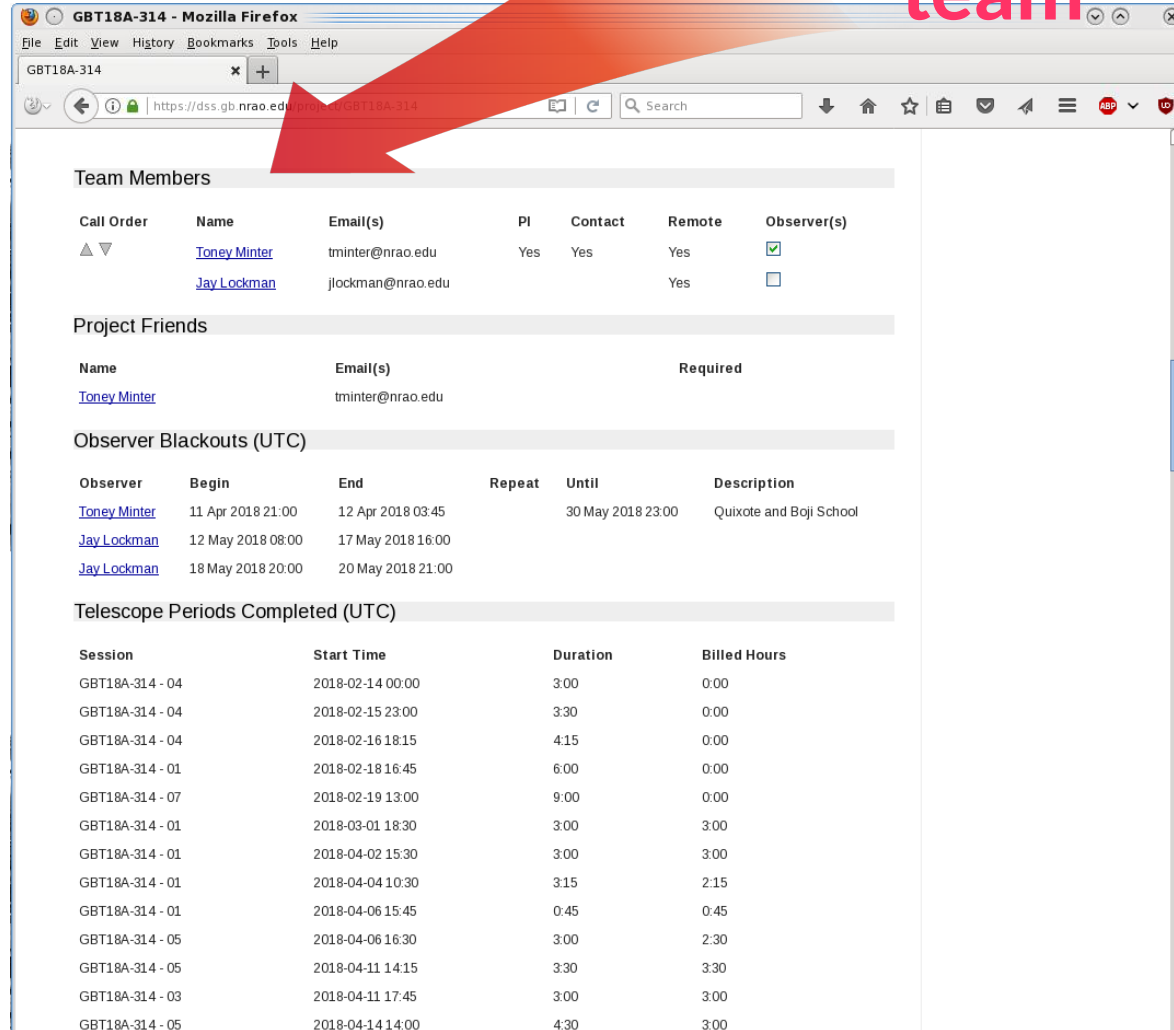
If you can't see a calendar, enable JavaScript in your browser.

### Upcoming Observations



# DSS Project Page

The members  
of your project  
team



GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/projects/GBT18A-314

### Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu			Yes	<input type="checkbox"/>

### Project Friends

Name	Email(s)	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

### Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

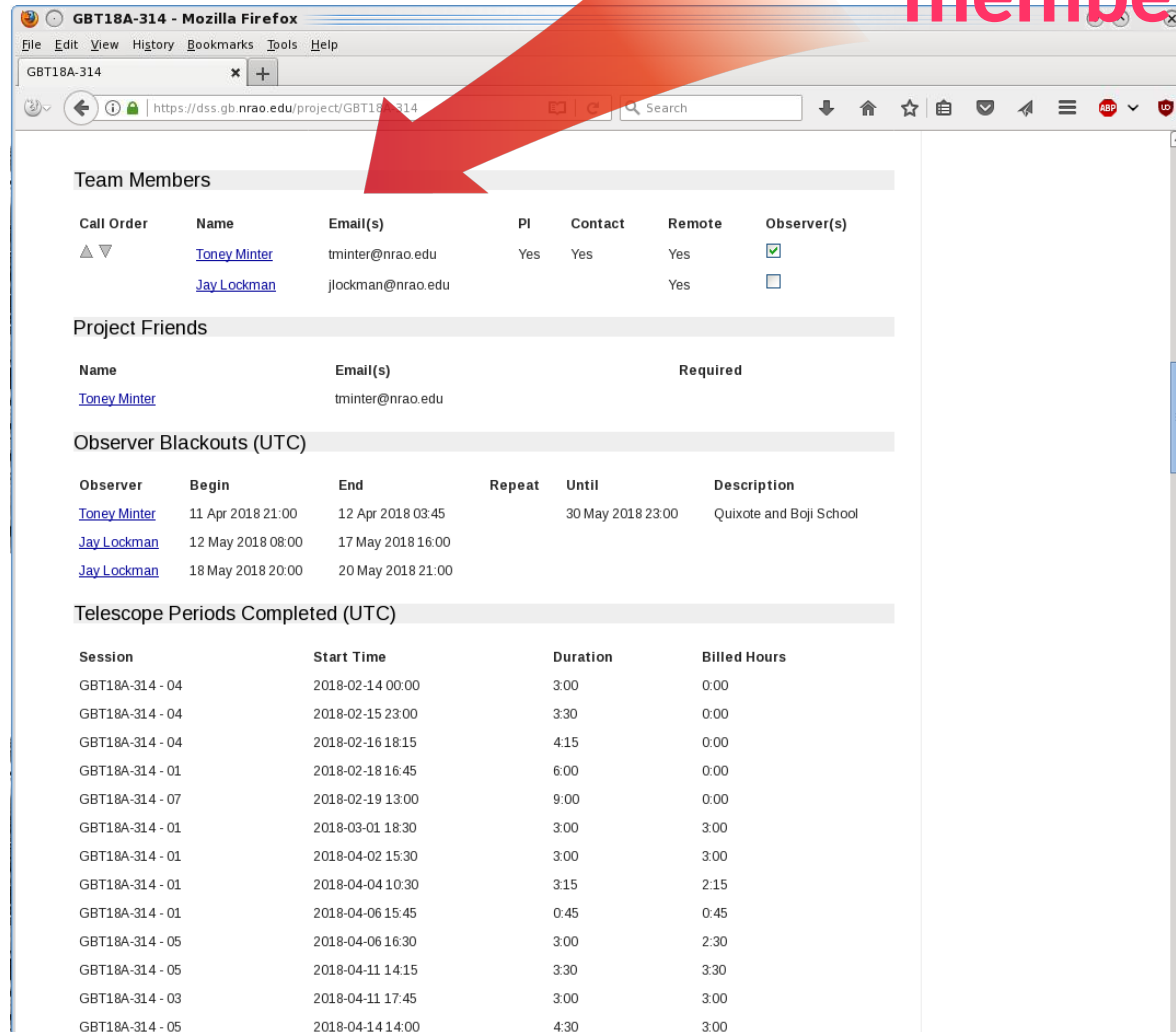
### Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



# DSS Project Page

Emails of  
project team  
members



GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

Search

### Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu			Yes	<input type="checkbox"/>

### Project Friends

Name	Email(s)	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

### Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

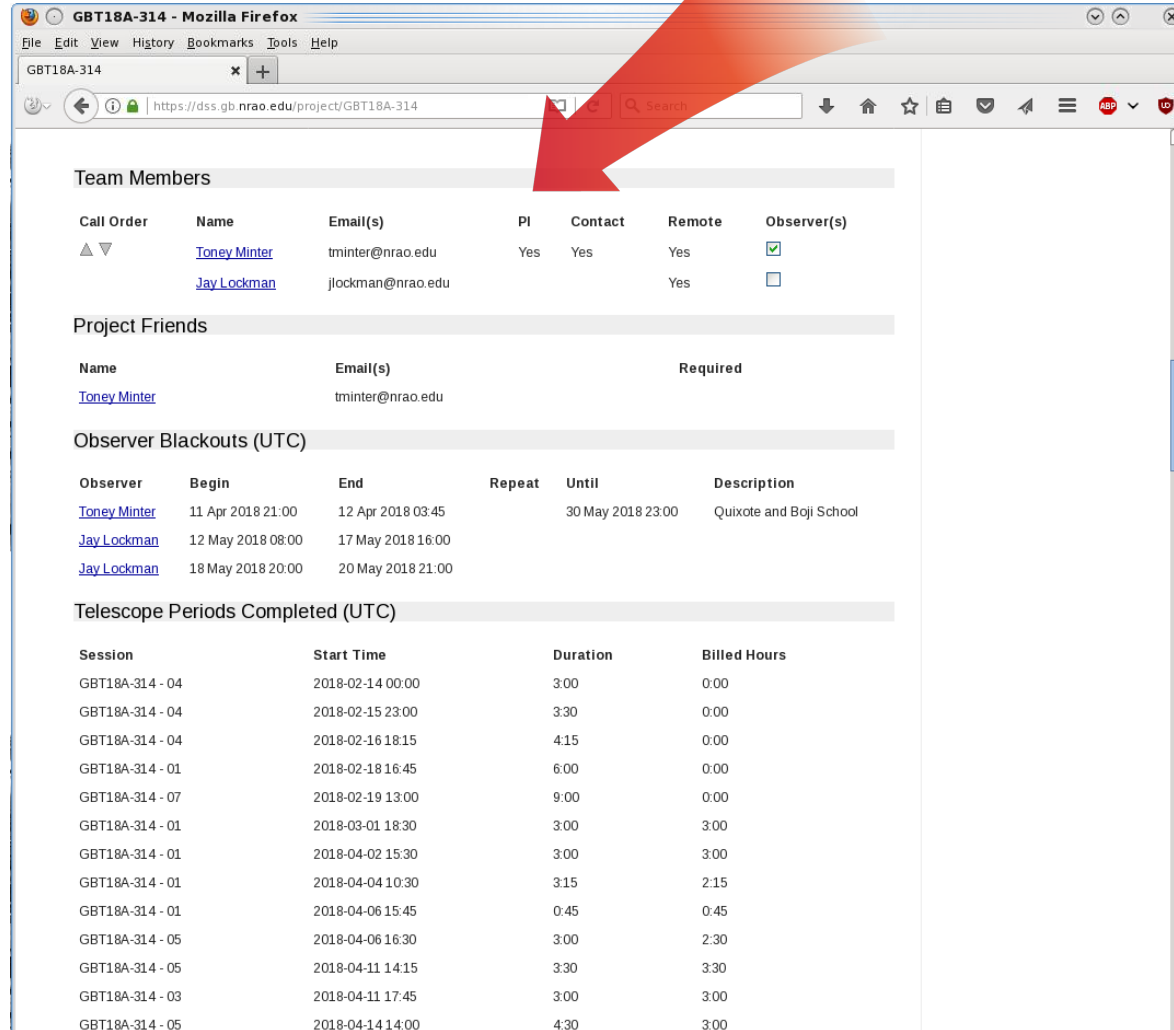
### Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



# DSS Project Page

Which one is the PI



The screenshot shows the DSS Project Page for GBT18A-314 in Mozilla Firefox. The page includes sections for Team Members, Project Friends, Observer Blackouts (UTC), and Telescope Periods Completed (UTC). A red arrow points to the 'PI' column in the 'Team Members' table.

**Team Members**

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu			Yes	<input type="checkbox"/>

**Project Friends**

Name	Email(s)	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

**Observer Blackouts (UTC)**

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

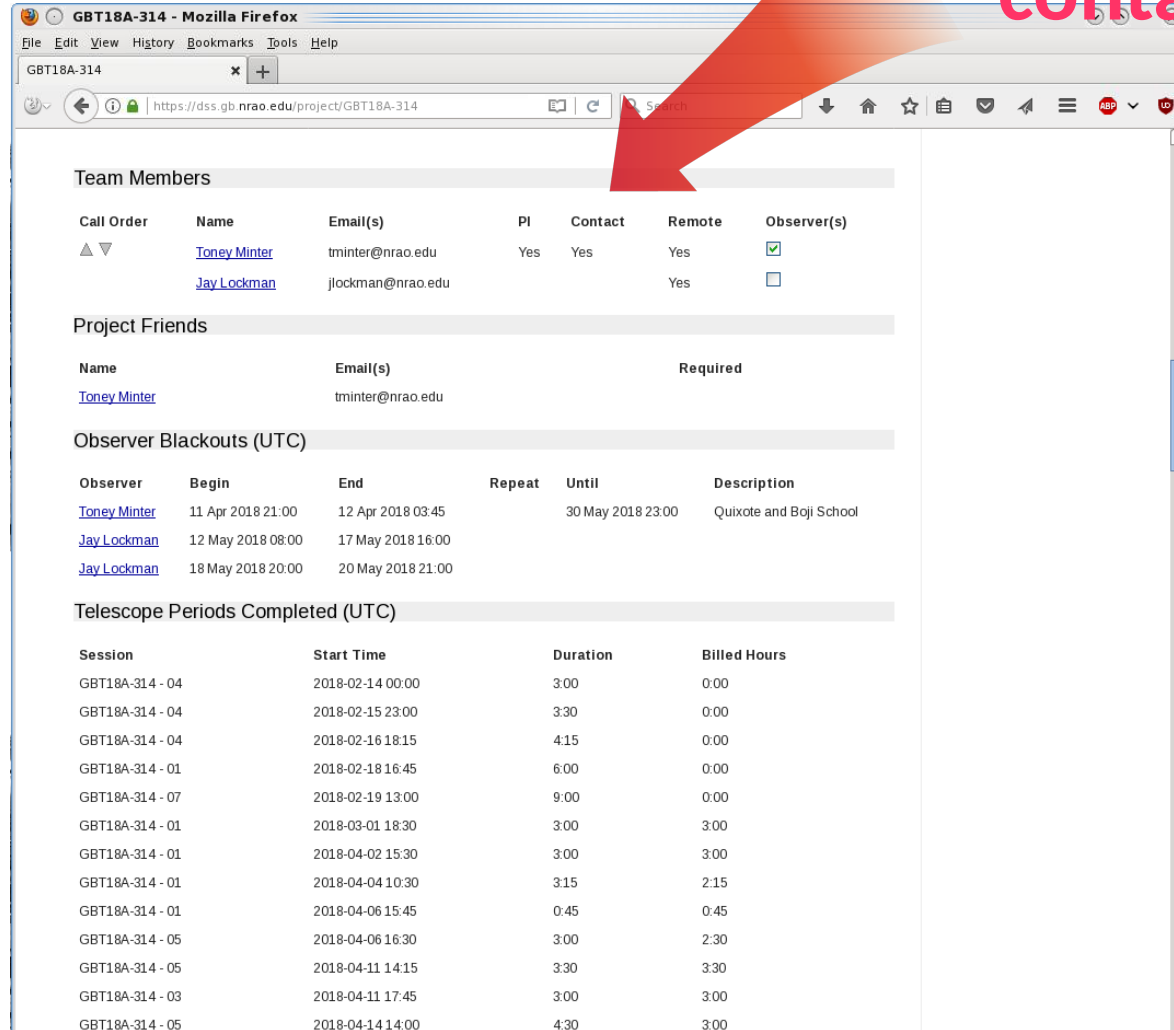
**Telescope Periods Completed (UTC)**

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



# DSS Project Page

Who should  
always be  
contacted



GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

### Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu			Yes	<input type="checkbox"/>

### Project Friends

Name	Email(s)	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

### Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

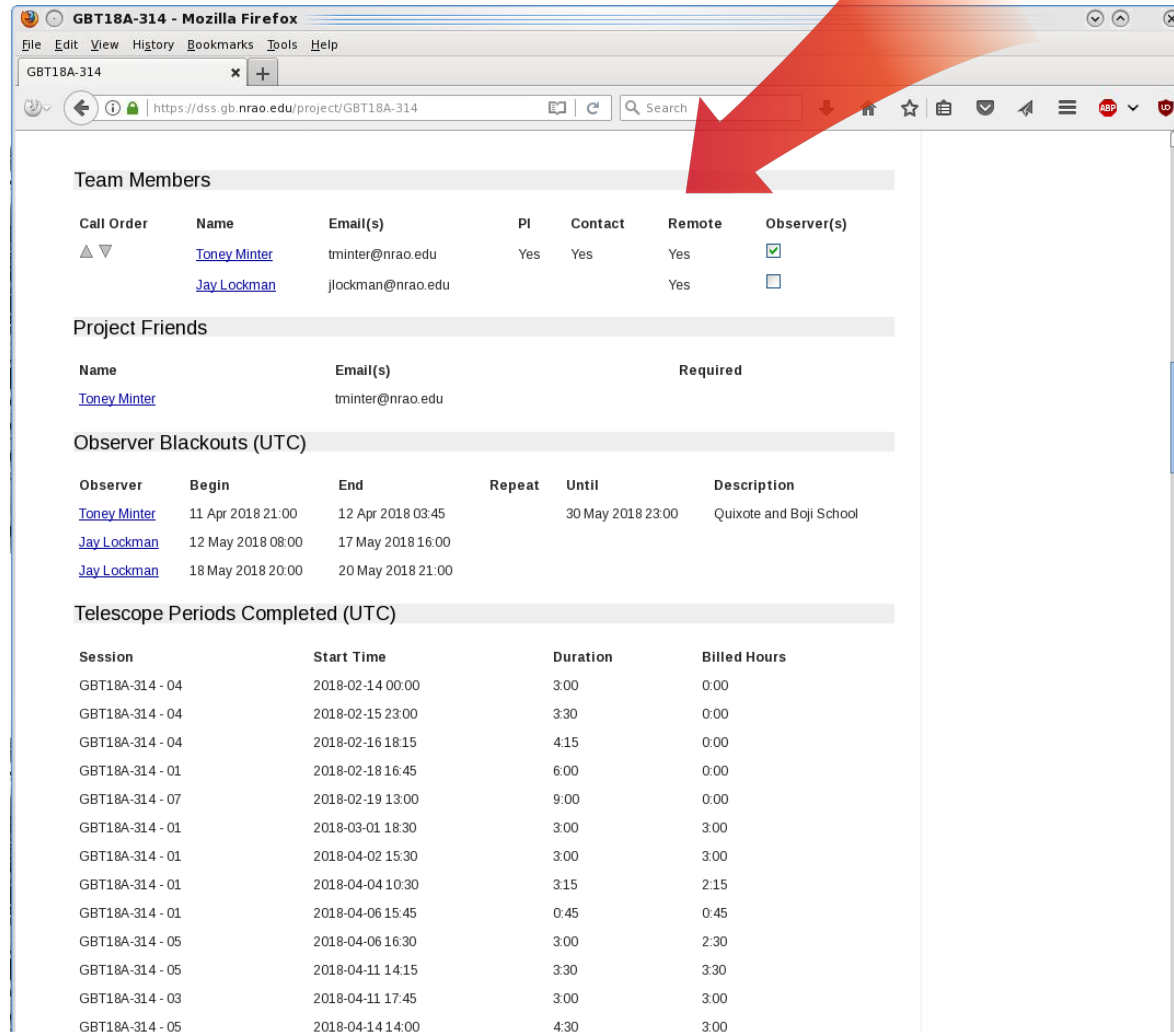
### Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



# DSS Project Page

Are they allowed  
to observe  
remotely



GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

### Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu			Yes	<input type="checkbox"/>

### Project Friends

Name	Email(s)	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

### Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

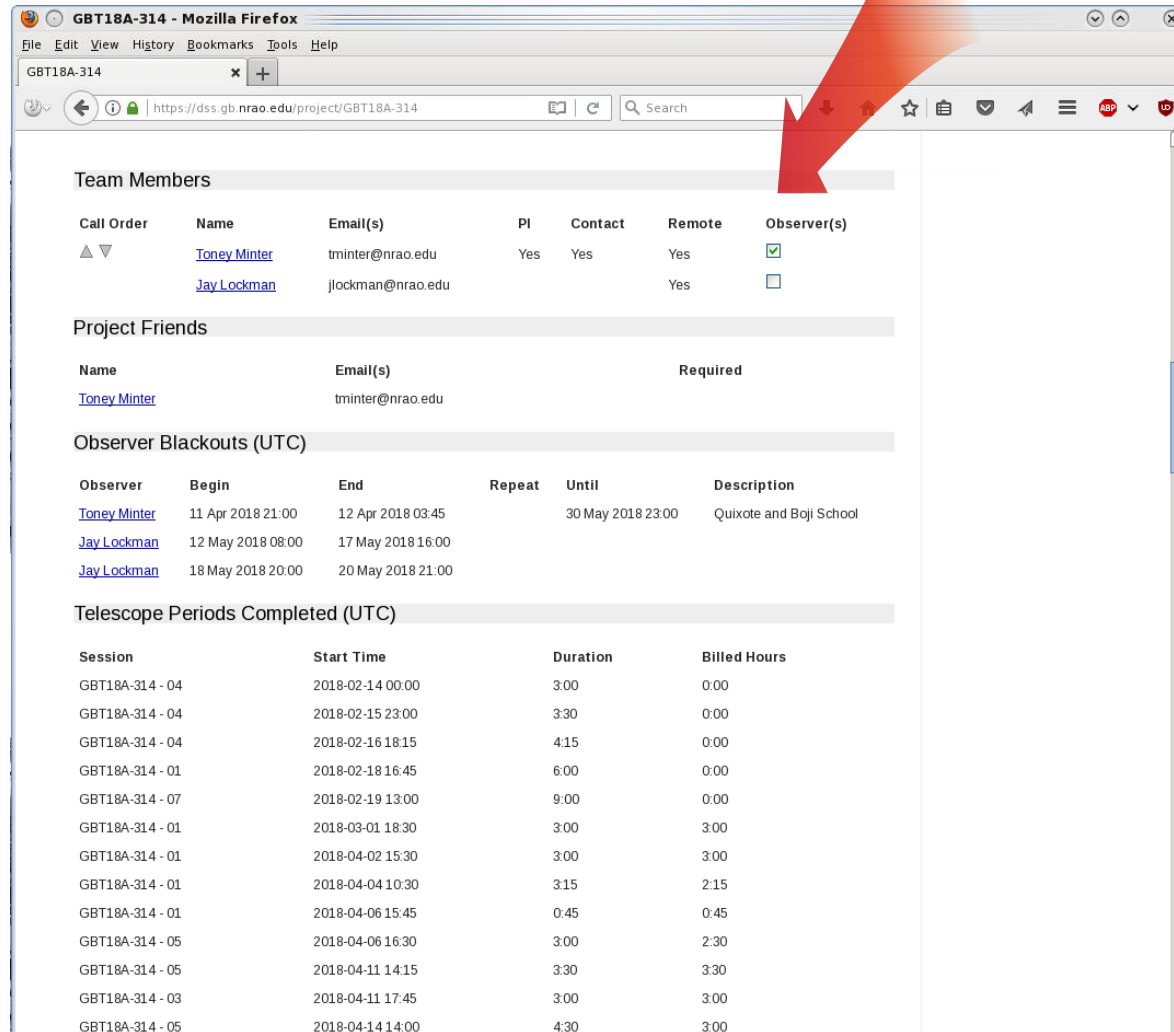
### Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



# DSS Project Page

Must have at least one observer checked to be considered for scheduling



**Team Members**

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu			Yes	<input type="checkbox"/>

**Project Friends**

Name	Email(s)	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

**Observer Blackouts (UTC)**

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

**Telescope Periods Completed (UTC)**

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00





# DSS Project Page

**GBT18A-314 - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

**Your project friend and how to contact your friend**

**Team Members**

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
1	Toney Minter	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
2	Jay Lockman	jlockman@nrao.edu			Yes	<input type="checkbox"/>

**Project Friends**

Name	Email(s)	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

**Observer Blackouts (UTC)**

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

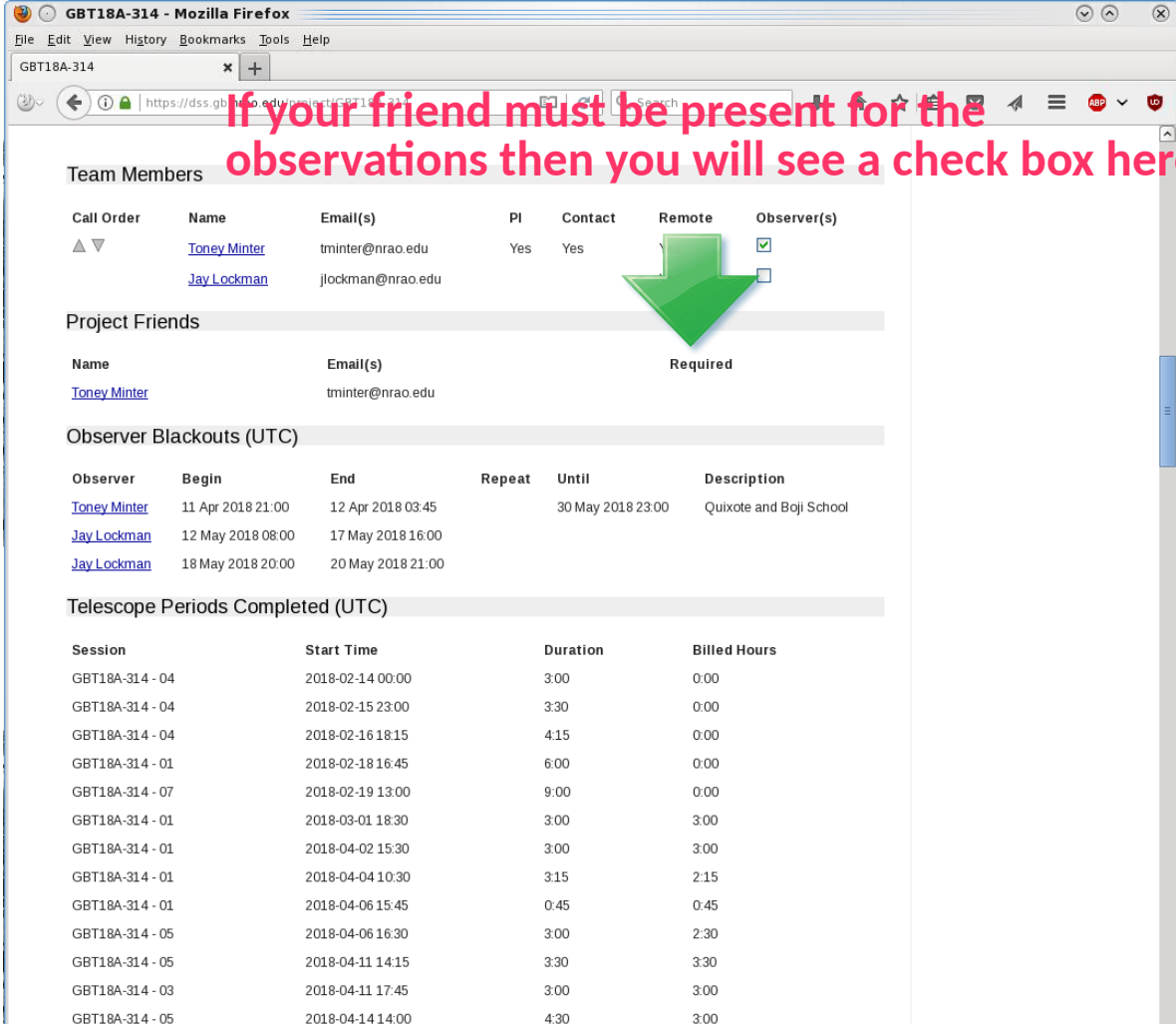
**Telescope Periods Completed (UTC)**

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



# DSS Project Page

**If your friend must be present for the observations then you will see a check box here**



**Team Members**

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu	Yes	Yes	<input checked="" type="checkbox"/>	
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu			<input type="checkbox"/>	

**Project Friends**

Name	Email(s)	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

**Observer Blackouts (UTC)**

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

**Telescope Periods Completed (UTC)**

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00

# DSS Project Page

**GBT18A-314 - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

GBT18A-314 x +

https://dss.gb.nrao.edu/projects/GBT18A-314

**A list of all blackouts for each project team member**

**Team Members**

Call Order	Name	Email	Observer	Observer(s)
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu	Yes	<input checked="" type="checkbox"/>
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu	Yes	<input type="checkbox"/>

**Project Friends**

Name	Email	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

**Observer Blackouts (UTC)**

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

**Telescope Periods Completed (UTC)**

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



# DSS Project Page

We can “turn on” blackouts for the entire project team



## Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
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## Project Blackouts (UTC)

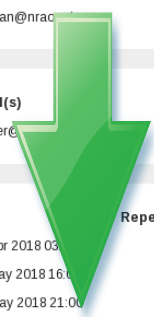
Begin	End	Repeat	Until	Description
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[add](#)



# DSS Project Page

**A list of all observing periods that have been completed**



**Team Members**

Call Order	Name	Email(s)	Phone	Contact	Remote	Observer(s)
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu		Yes	Yes	Yes <input checked="" type="checkbox"/>
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu			Yes	Yes <input type="checkbox"/>

**Project Friends**

Name	Email(s)	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

**Observer Blackouts (UTC)**

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:00		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

**Telescope Periods Completed (UTC)**

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00

# DSS Project Page

**Scheduled time and “charged” time are shown in these two columns**

**Team Members**

Call Order	Name	Email(s)	P	Contact	Remot	Pos. verified
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu			Yes	<input type="checkbox"/>

**Project Friends**

Name	Email(s)	Re
<a href="#">Toney Minter</a>	tminter@nrao.edu	

**Observer Blackouts (UTC)**

Observer	Begin	End	Rep	Location
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00		
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00		

**Telescope Periods Completed (UTC)**

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00

# DSS Project Page

Now we scroll further down the page

Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu			Yes	<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



# DSS Project Page

For monitoring projects  
with observing windows

## Upcoming Windows

Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	






# DSS Project Page

The session that the window is for

## Upcoming Windows




Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



# DSS Project Page

The start date for  
the window

## Upcoming Windows




Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



# DSS Project Page

The end date for the window

## Upcoming Windows



Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



# DSS Project Page

The length of the  
observing session

## Upcoming Windows


Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



# DSS Project Page

The time billed

## Upcoming Windows



Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



# DSS Project Page

Have the observations  
been completed

## Upcoming Windows

Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



# DSS Project Page

Now we scroll further down the page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	<a href="#">Toney Minter</a>	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	<a href="#">Jay Lockman</a>	jlockman@nrao.edu			Yes	<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
<a href="#">Toney Minter</a>	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
<a href="#">Toney Minter</a>	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
<a href="#">Jay Lockman</a>	12 May 2018 08:00	17 May 2018 16:00			
<a href="#">Jay Lockman</a>	18 May 2018 20:00	20 May 2018 21:00			

Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



# DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

GBT18A-314 - 05	2018-05-02 13:00	1:30	1:15
GBT18A-314 - 02	2018-05-02 14:30	1:45	1:45
GBT18A-314 - 02	2018-05-04 12:15	7:15	7:15
GBT18A-314 - 08	2018-05-05 13:45	3:45	3:30
GBT18A-314 - 08	2018-05-06 14:30	3:00	2:45
GBT18A-314 - 04	2018-05-06 17:30	4:15	4:15
GBT18A-314 - 08	2018-05-07 13:45	4:00	2:45
GBT18A-314 - 04	2018-05-07 17:45	4:00	3:30

Project Notes ([edit](#))

Scheduler's Notes ([edit](#))

Project Abstract

The origin of the Smith Cloud remains unknown. Determining an accurate orbit for the Smith Cloud could provide evidence of its origin. Finding a debris stream of HI clouds trailing the Smith Cloud could provide for a better orbit determination and a better understanding of how the Smith Cloud is interacting with the galactic halo.

Project Disposition

Proposal ID: GBT18A-314

Proposal Title: Does The Smith Cloud Have A Debris Stream?

Proposal Type: Regular

Proposal Authors: Felix Lockman and Anthony Minter

Science Review Panel(SRP): Extragalactic Structure

Linear Ranked Score: 7.5

Project Friend: Toney Minter

Time Allocation Summary [see below for explanation of groups]:

Notes about and for scheduling (rarely used)





# DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

GBT18A-314 - 05	2018-05-02 13:00	1:30	1:15
GBT18A-314 - 02	2018-05-02 14:30	1:45	1:45
GBT18A-314 - 02	2018-05-04 12:15	7:15	7:15
GBT18A-314 - 08	2018-05-05 13:45	3:45	3:30
GBT18A-314 - 08	2018-05-06 14:30	3:00	2:45
GBT18A-314 - 04	2018-05-06 17:30	4:15	4:15
GBT18A-314 - 08	2018-05-07 13:45	4:00	2:45
GBT18A-314 - 04	2018-05-07 17:45	4:00	3:30

Project Notes ([edit](#))

Scheduler's Notes ([edit](#))

Project Abstract

The origin of the Smith Cloud remains unknown. Determining an accurate orbit for the Smith Cloud could provide evidence of its origin. Finding a debris stream of HI clouds trailing the Smith Cloud could provide for a better orbit determination and a better understanding of how the Smith Cloud is interacting with the galactic halo.

Project Disposition

Proposal ID: GBT18A-314

Proposal Title: Does The Smith Cloud Have A Debris Stream?

Proposal Type: Regular

Proposal Authors: Felix Lockman and Anthony Minter

Science Review Panel(SRP): Extragalactic Structure

Linear Ranked Score: 7.5

Project Friend: Toney Minter

Time Allocation Summary [see below for explanation of groups]:

=====

**The abstract from the proposal and the disposition of the proposal are shown here**



# Making changes to DSS parameters

- We are happy to help make the appropriate changes to parameters in the DSS
- You can also request to add a new person to the project team list
- Just send an email to your project friend and Toney Minter







# GREEN BANK OBSERVATORY

**[greenbankobservatory.org](https://greenbankobservatory.org)**

*The Green Bank Observatory is a facility of the National Science  
Foundation  
operated under cooperative agreement by Associated Universities,  
Inc.*