Green Bank 20 Meter Telescope Skynet raw data access

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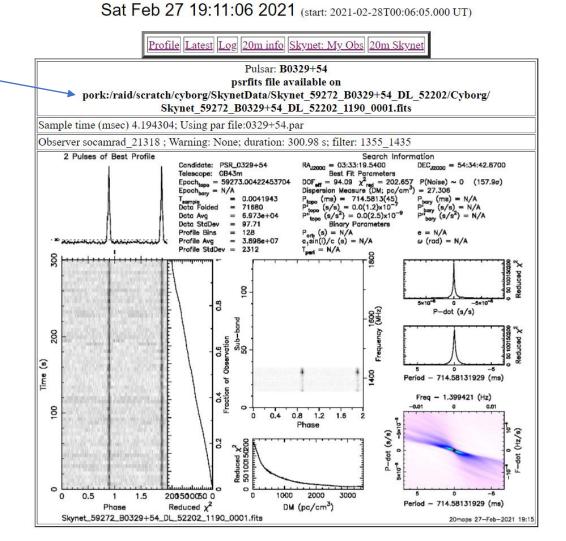
Sample PRESTO output from the Green Bank 20 Meter Telescope using Skynet web interface Courtesy of Dan Layne

This .fits file(s) contains raw data of the observation, comprising frequency-domain and time-domain data of the observation.

Why might an observer want the .fits file(s)?

- -PRESTO processing using your own resources
- -Try different PRESTO settings
- -Learn the file format and experiment with your own post processing
- -Search for objects other than pulsars
- -Others?

Pulsar Observation: Skynet_59272_B0329+54_DL_52202_1190



Process to obtain the .fits file(s)

- File transfer from GBO has been tested by Skip Crilly, a GBO volunteer
 - Dan Layne, Steve Tzikas and Green Bank Observatory folks, Thank You!
- Please combine as many observations as possible (yours and others)
- Please attest that the observation(s) are <u>yours</u> and/or <u>ok</u> to obtain
- Please consider joining SARA

- (e.g. your initials in file name)
- Please agree to permit access to others (all files will be in one directory)
- Email a request to wcrilly (at) nrao.edu, including PRESTO screenshot(s)
- Skip will obtain the .fits file(s) and place them in (e.g.) Dropbox directory
- Skip will email the requester with info to access the file(s). May be large!
- Consider writing a paper, e.g SARA Journal, SARA Conference, etc.
- Have fun! Thank You!

Disclaimer: This process is not guaranteed – results depend on circumstances, resources, travel and TBDs