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# FUSE Documentation

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# Technical Documents



- 1 **The FUSE Observer's Guide, v3.0** (Feb., 2001)  
<http://fuse.pha.jhu.edu/support/guide/obsguide.html>
- 1 **The FUSE Data Handbook, v1.1** (Feb., 2000)  
<http://fuse.pha.jhu.edu/analysis/dhbook.html>
- 1 **The CalFUSE Pipeline Reference Guide, v0.6** (Feb., 2001)  
[http://fuse.pha.jhu.edu/analysis/pipeline\\_reference.html](http://fuse.pha.jhu.edu/analysis/pipeline_reference.html)
- 1 **The FUSE Data Analysis Cookbook, v1.0** (Feb., 2001)  
<http://fuse.pha.jhu.edu/analysis/cookbook.html>
- 1 **The FUSE\_SCAN Reference Guide, v1.0** (Feb., 2001)  
[http://fuse.pha.jhu.edu/analysis/fuse\\_scan\\_reference.html](http://fuse.pha.jhu.edu/analysis/fuse_scan_reference.html)
- 1 **Using IRAF to Manipulate FUSE Data** (Feb., 2001)  
[http://fuse.pha.jhu.edu/users/wkshp\\_feb00/gak\\_fuse\\_iraf.pdf](http://fuse.pha.jhu.edu/users/wkshp_feb00/gak_fuse_iraf.pdf)



# Proposal Support



## 1 NASA FUSE GI Site at GSFC

<http://fusewww.gsfc.nasa.gov/fuse/>

## 1 NRA 01-OSS-02: FUSE Guest Investigator Program, Cycle 3.

<http://spacescience.nasa.gov/nra/01-oss-02>

## 1 FUSE Phase 1 Proposal Instructions for Cycle 3.

[http://fusewww.gsfc.nasa.gov/fuse/phase1\\_instructions.html](http://fusewww.gsfc.nasa.gov/fuse/phase1_instructions.html)

## 1 FUSE Phase 1 Proposal Documentation & Templates

[fuseprop@fusewww.gsfc.nasa.gov](mailto:fuseprop@fusewww.gsfc.nasa.gov) (subject: help)

Proposal template ([new](#) for cy 3, LaTeX2e)

LaTeX style file ([new](#) for cy 3, [fuse3.sty](#))

README file, including resubmittal instructions

## 1 FUSE/JHU User Support

[fuse\\_support@pha.jhu.edu](mailto:fuse_support@pha.jhu.edu)



# Web Tools



## 1 FUSE Planning Tools

<http://fuse.pha.jhu.edu/support/tools/tools.html>

### 1 Sky Visibility Plot

<http://fuse.pha.jhu.edu/support/tools/plottool.html>

### 1 Observing Visibility Table

[http://fuse.pha.jhu.edu/support/tools/cvz\\_ram\\_tool.html](http://fuse.pha.jhu.edu/support/tools/cvz_ram_tool.html)

### 1 Slit Position Angle Tool

<http://fuse.pha.jhu.edu/support/tools/rollbeta.html>



# Target Selection Aids



## 1 FUSE Spectral Simulator

<http://violet.pha.jhu.edu/~gak/fwebsim.html>

## 1 FUSE Public Data

<http://archive.stsci.edu/cgi-bin/fuse/science>

## 1 ERO papers

2000, ApJL, 538, L1-L98

## 1 FUSE Hot Star Atlas

FUSE Hot Star Team, in preparation

## 1 IUE Archive

<http://ines.vilspa.esa.es/cgi-ines/IUEdbsMY>

## 1 HUT Atlases

<http://praxis.pha.jhu.edu/science/specpg2.html>



# Spectral Line data

(a *very* subjective and incomplete list)



## ISM/IGM

### 1 Atomic and Ionic Resonance Lines

Morton, D.C., 1991, ApJS, 77, 119; Morton, D.C., 2000, ApJS, 130, 403.

### 1 H<sub>2</sub> and HD Lines

(H<sub>2</sub>) Morton & Dinerstein, 1976, ApJ, 204, 1;

Abgrall et al., 1993, A&AS, 101, 273 & 323

(HD) Sembach, K.R., 1998

[http://fuse.pha.jhu.edu/papers/science/sembach\\_stromlo.ps](http://fuse.pha.jhu.edu/papers/science/sembach_stromlo.ps)

## Airglow

### 1 Airglow Lines

Feldman et al., 2001, JGR, in press.

[http://fuse.pha.jhu.edu/analysis/airglow/agpaper\\_plus.pdf](http://fuse.pha.jhu.edu/analysis/airglow/agpaper_plus.pdf)



# Spectral Line data



## Cool Stars

### 1 FUV Spectral Line Atlas of the Sun

Curdt, W., et al, 1997, A&AS, 126, 281

## Hot Stars

### 1 Spectral Atlases

*Copernicus*: Snow, T.P. & Jenkins, E.B., 1977, ApJS, 33, 269

*FUSE*: Hot Star Working Group, 2001, in prep

### 1 Individual Stars

$\tau$  Sco (*Copernicus*): Rogerson, J.B. & Upson, W.L., 1977, ApJS, 35, 37.

### 1 Wind Lines

*Copernicus*: Snow, T.P. & Morton, D.C., 1976, ApJS, 32, 429.



# FUSE Publications



- 1 **FUSE ERO papers/ on-line publication archive**

<http://fuse.pha.jhu.edu/papers/papers.html>

- 1 **ADS**

[http://adsabs.harvard.edu/abstract\\_service.html](http://adsabs.harvard.edu/abstract_service.html)