

# The New SSC Website:

Black magic, voodoo, ritual  
sacrifices and other useful  
techniques

# Requirements

- Plug into the IRSA site seamlessly
- Plain html that is easy to maintain by hand
- Major documents in pdf and html
- Split in two in Spring 2011
- Old site:
  - 14.85 G
  - 15,470 files



The screenshot shows the Spitzer Science Center website. At the top, there is a header with the SSC logo and the text "Spitzer Science Center". Below the header is a search bar. The main content area is divided into several sections. On the left, there is a vertical navigation menu with links to "SSC Home", "Active Mission", "Overview", "IRAC", "IRS", "MIPS", "Data Archive", "Data Analysis & Tools", "Index to Documentation", "FAQs", "Spitzer Helpdesk", "Sitemap", and "Spitzer Home". The main content area features a "Cycle-7 Call for Proposals is now open." announcement, a "News" section with dates and titles, and an "Upcoming Meetings" section. Below these are links for "Mailing List", "Helpdesk", and "Got News?". The central part of the page has a large image of the Spitzer Space Telescope with the text "SPITZER SPACE TELESCOPE". Below this image are sections for "Active Mission" (with links for Proposal Kit, Approved Programs and Scheduling, Director's Discretionary Time, Funding, and Visitors), "Overview" (with a description of the mission), "IRAC" (Infrared Array Camera), "IRS" (Infrared Spectrograph), "MIPS" (Multi-Band Imaging Photometer for Spitzer), "Data Archive", and "Data Analysis & Tools". At the bottom of the page, there are logos for NASA, JPL, the California Institute of Technology, and ipac.



# The Content Management System (CMS)

- Windows based
- Uses coldfusion as a programming platform
- Files stored in filesystem
- Pages stored in SQL
- Can publish entire site to static html
- 'Documents': .doc converted into html and pdf
- Built by Raytheon Web Solutions



## CMS +

- Dynamically updates links between pages
- Wiki editing interface for webpages
- Good at building trees
- Preview pages
- Breadcrumbs
- Sitemap



# CMS -

- Bad at flat sites
- ‘documents’ different than ‘web pages’
- Not robust to characters commonly found in regular expressions
- Not happy with large files (100s of M)
- .doc converter

[SSC Home](#) > [IRAC](#)

## IRAC

[High Level Overview](#)

[Data Analysis](#)

[IRAC Papers](#)

[Calibration and Analysis Files](#)

[IRAC Image Features and Caveats](#)

[IRAC Instrument Handbook](#)

Detailed information on IRAC and IRAC data.

[HTML](#) [PDF](#)

**Other IRAC Information:**

- [Memo on the properties of the initial warm IRAC data a](#)
- [IRAC Image Features and Caveats](#)
- [Warm Spitzer Observer's Manual \(SOM\)](#)

[SSC Home](#) > [IRAC](#)

## IRAC

[High Level Overview](#)

[IRAC Instrument Handbook](#)

Detailed information on IRAC and IRAC data.

[HTML](#) [PDF](#) [TABLE OF CONTENTS](#)

[Data Analysis](#)

[IRAC Papers](#)

[Calibration and Analysis Files](#)

**Other IRAC Information:**

- [Memo on the properties of the initial warm IRAC data and calibr](#)
- [IRAC Image Features and Caveats](#)
- [Warm Spitzer Observer's Manual \(SOM\)](#)



# Word is evil

- **Html version: Zapadoo Word Cleaner**
  - Greek letters
    - “Insert Symbol” v Equation editor
  - Cross-references within the document
  - Image resolution on the equations
- **PDF version: Doc2PDF**
  - Equations
- **Word documents required a lot of massaging to get them to convert properly**

# War of the Worlds



We (and our users) live in the Mac & Linux world. The contractor lived in the Windows universe.

- Access to our network
- Windows PDF converters bow to Adobe because it is most common in the Windows universe. Mac/Linux land uses tend to use other PDF readers
- Word for PC  $\neq$  Word for Mac



# Additional Battles

- Published site was initially not easy to maintain
  - 17,000 lines of whitespace in 500 lines of text
  - Header and footer for the SSI were not correctly factored
  - Many, many overlapping style sheets





# Contractor issues

- Did not test enough
- Underestimated the evilness of Word
- Did not consider their target audience
  - Greek letters
  - Mac/Linux



## SSC issues

- Were not clear enough with initial specs
- Needed to provide test documents much sooner
- Needed to prioritize initial bugs so that time and money was not wasted fixing things we could have lived with



## Stuff that made this thing work:

- Complete access to the backend
  - Filesystem, sql, reboot at will
- Willingness of SUST members to check every page in every document for errors and things that converted to html badly
- ISG support
- Phased deployment of the html versions of documents
- Went live 8 days before the HST deadline



# Search engines

- Launch + 1 month
- “IRAC FOV”
- Green = what I wanted to find
- Red = pages that no longer exist

Restricted to: http://ssc.spitzer.caltech.edu/

Search Pad  
SearchScan - On

68 results for  
IRAC FOV

[\[PDF\] IRAC Instrument Handbook Spitzer Heritage Archive Documentation](#)

9957k - Adobe PDF - [View as html](#)  
Standard Acknowledgments for IRAC Publications .2 ... over the IRAC FOV. The maximum distortion in each IRAC band is <2.2 pixels (compared to a ...  
[ssc.spitzer.caltech.edu/.../IRAC\\_Instrument\\_Handbook.pdf](#)

[Spitzer: IRAC Instrument Handbook](#)

2.2.1 Field of View (FOV) 2.2.2 IRAC Image Quality. 2.2.3 Spectral ... Performing Photometry on IRAC Images. Appendix C. Point Source Fitting IRAC Images with a ...  
[ssc.spitzer.caltech.edu/irac/iracinstrumenthandbook/1](#) - 73k - [Cached](#)

[\[PDF\] 4 Deep Imaging of Five Clusters of Galaxies at 3.6 and 4.5 ...](#)

1865k - Adobe PDF - [View as html](#)  
Visualization: We visualize the observations via an overlay of the IRAC fields ... the ISSA pixels are 90", so the resolution is only a few pixels per IRAC FOV. ...  
[ssc.spitzer.caltech.edu/.../cookbook/warm\\_cookbook\\_ch4.pdf](#)

[get irac ptg offsets.pro](#)

EXPLANATION: ; Use IRAC astrometric information including distortion ... transform between pixel coordinates and angular ; offsets from the 3.6/5.8 FOV. ...  
[ssc.spitzer.caltech.edu/.../exo/get\\_irac\\_ptg\\_offsets.pro](#) - [Cached](#)

[\[PDF\] Spitzer Space Telescope](#)

8472k - Adobe PDF - [View as html](#)  
IRAC chapters revised to reflect the IRAC Post-Cryo. Mapping AOT and ... the ISSA pixels are 90", so the resolution is only a few pixels per IRAC FOV. ...  
[ssc.spitzer.caltech.edu/.../obsplan\\_cookbook\\_warm.pdf](#)

[<!DOCTYPE xhtml PUBLIC "-//W3C/DTD XHTML 1.0 Transitional/EN ...](#)

4. IRAC Dark Frames Since IRAC does not use a photon shutter for a ... a pixel near the full-array FOV center and 8.1% near the sub-array FOV center. In channel 2, the response ...  
[ssc.spitzer.caltech.edu/ warmmission/iracwarmdatamemo.txt](#) - [Cached](#)

[Spitzer: MIPS Instrument Handbook](#)

Single frame FOV is 5.3x0.5 arcminutes. In a single pointing, the 160 ... strips separated by a 16" wide blank strip giving a 5.3'x0.75' unfilled FOV. ...  
[ssc.spitzer.caltech.edu/mips/ mipsinstrumenthandbook/4](#) - [Cached](#)

[Week 56](#)

IRAC-2003dv-1 3c236 10: 6: 1.74 34:54:10.40 Birkinsh 3CRR\_LOW 3418 iracmap 17.84 ... COMPACT- 3596 iracmap 24.42 2004-12-18 05:06:57.6 11250944 IRAC-3p6-FOV - HCG48 ...  
[ssc.spitzer.caltech.edu/ approvdprog/sched/plan/week056.txt](#) - [Cached](#)

[Spitzer: Field of View Rotation](#)

IRAC. IRS. MIPS. Data Archive. Data Analysis & Tools. SSC Home > Active ... rotation" refers to the total FOV rotation during a single, continuous viewing ...  
[ssc.spitzer.caltech.edu/ warmmission/propkit/som/fov](#) - [Cached](#)

[Spitzer: High Level Overview](#)

IRAC. IRS. MIPS. Data Archive. Data Analysis & Tools. SSC Home > MIPS > ... field of view (FOV). The 70 micron camera was designed to have a 5 arcminute square FOV. ...  
[ssc.spitzer.caltech.edu/mips/ highleveloverview](#) - [Cached](#)



site:ssc.spitzer.caltech.edu IRAC FOV

Search

[Advanced Search](#)

[View customizations](#)

Web [Show options...](#)

Results 1 - 10 of about 195 from ssc.spitzer.caltech.edu for IRAC FOV. (0.89 seconds)

[Spitzer: Field of View Rotation](#) ☆

**IRAC ...** The following table indicates the **field of view** rotations for inertial targets during continuous viewing intervals with Spitzer. NOTES: "Total rotation" refers to the total **FOV** rotation during a single, continuous viewing ...

[ssc.spitzer.caltech.edu/warmmission/propkit/som/fov/](http://ssc.spitzer.caltech.edu/warmmission/propkit/som/fov/) - [Cached](#)

[Spitzer: MIPS Instrument Handbook](#) ☆

2.2.2 **FOV**. 2.2.3 PSF. 2.2.4 Spectral Response. 2.2.5 Distortion. 2.3 Detectors. 2.3.1 Focal Plane Detector Array Design. 2.3.2 Detector Performance. ...

[ssc.spitzer.caltech.edu/mips/mipsinstrumenthandbook/1/](http://ssc.spitzer.caltech.edu/mips/mipsinstrumenthandbook/1/) - [Cached](#)

[Spitzer Space Telescope - General Observer Proposal #50201 ...](#) ☆

Unfortunately, the continual change in spacecraft roll angle means that our sources are typically observed for at most six months at a time by each **IRAC FOV** ...

[ssc.spitzer.caltech.edu/geninfo/go/abs-go5/50201.txt](http://ssc.spitzer.caltech.edu/geninfo/go/abs-go5/50201.txt) - [Cached](#)

[PDFJ 4 Deep Imaging of Five Clusters of Galaxies at 3.6 and 4.5 Microns ...](#) ☆

File Format: PDF/Adobe Acrobat - [View as HTML](#)

The ISSA pixels are 90°, so the resolution is only a few pixels per **IRAC FOV**. Nevertheless, we see no evidence of very bright spots in the emission. ...

[ssc.spitzer.caltech.edu/documents/cspbook/warm\\_cspbook\\_ch4.pdf](http://ssc.spitzer.caltech.edu/documents/cspbook/warm_cspbook_ch4.pdf)

[PDFJ IRAC Instrument Handbook](#) ☆

File Format: PDF/Adobe Acrobat

Due to the off-axis placement of **IRAC** in the Spitzer focal plane, there is a small amount of distortion over the **IRAC FOV**. The maximum distortion in each ...

[ssc.spitzer.caltech.edu/irac/iracinstrumenthandbook/IRAC\\_Instrument\\_Handbook.pdf](http://ssc.spitzer.caltech.edu/irac/iracinstrumenthandbook/IRAC_Instrument_Handbook.pdf)

[Spitzer: IRAC Instrument Handbook](#) ☆

Chapter 2. Instrument Description. 2.1 Overview · 2.2 Description of Optics. 2.2.1 **Field of View (FOV)** · 2.2.2 **IRAC** Image Quality. 2.2.3 Spectral Response. ...

[ssc.spitzer.caltech.edu/irac/iracinstrumenthandbook/1/](http://ssc.spitzer.caltech.edu/irac/iracinstrumenthandbook/1/) - [Cached](#)

[MEMO TO SPITZER OBSERVERS WITH EARLY RELEASE WARM IRAC DATA In ...](#) ☆

Overall Processing of Data Warm **IRAC** data are processed using the same .... In channel 2, the response varies by 3.4% near the full-array **FOV** center and ...

[ssc.spitzer.caltech.edu/warmmission/iracwarmdatamemo.txt](http://ssc.spitzer.caltech.edu/warmmission/iracwarmdatamemo.txt) - [Cached](#)

[Spitzer: IRAC Instrument Handbook](#) ☆

The common artifacts in **IRAC** data are discussed in this chapter. ... which include stray light or ghosts from sources within or outside the **FOV**. ...

[ssc.spitzer.caltech.edu/irac/iracinstrumenthandbook/68/](http://ssc.spitzer.caltech.edu/irac/iracinstrumenthandbook/68/) - [Cached](#)

[PDFJ Simfit and Focus Diversity: methods for determining the focus of ...](#) ☆

File Format: PDF/Adobe Acrobat - [Quick View](#)

by WF Hoffmann - [Cited by 7](#) - [Related articles](#)

Give the variation in best-focus over the **IRAC field-of-view**. This variation occurs because of a mismatch between the curved focal surface created by the ...

[ssc.spitzer.caltech.edu/irac/documents/spieaug02-2.pdf](http://ssc.spitzer.caltech.edu/irac/documents/spieaug02-2.pdf) - [Similar](#)

[6.3 Mapping](#) ☆

The choices for mapping and **field of view** are co-dependent. ... then the map will be centered in the point midway between the two **IRAC** fields of view. ...

[ssc.spitzer.caltech.edu/documents/cspbook/iracbook\\_node42.html](http://ssc.spitzer.caltech.edu/documents/cspbook/iracbook_node42.html) - [Cached](#)



IRAC FOV site: <http://ssc.spitzer.caltech.edu/>



ALL RESULTS

ALL RESULTS

1-10 of 33 results · [Advanced](#)

SEARCH HISTORY

[IRAC FOV...](#)

[pipeline history log...](#)

[pipeline change log...](#)

[pipeline changelog...](#)

[pipeline log...](#)

[See all](#)

[Clear all](#) | [Turn off](#)

[SIMPLE = T BITPIX = -32 / FOUR-BYTE SINGLE PRECISION FLOATING POINT](#)

... AOR, IER, or SER) AOT\_TYPE= 'IracMap' / Observation template type AORLABEL= " / AOR Label FOVID = 31 / **Field of View** ID FOVNAME = 'IRAC\_FOV\_bwn\_3 ...

[ssc.spitzer.caltech.edu/ost/workshops/2005data/talks/lowrance2.pdf](http://ssc.spitzer.caltech.edu/ost/workshops/2005data/talks/lowrance2.pdf) · [Cached page](#) · PDF file

[Infrared Array Camera \(IRAC\)](#)

... Spitzer Observer's Manual-Should answer enough questions to write proposals • **IRAC** ... that if you don't map, the telescope will have to repoint to switch from one **field of view** to ...

[ssc.spitzer.caltech.edu/ost/workshop/2005jan/dc\\_2\\_irac\\_v2.pdf](http://ssc.spitzer.caltech.edu/ost/workshop/2005jan/dc_2_irac_v2.pdf) · [Cached page](#) · PDF file

[The IRAC Data Pipeline :](#)

... Data Workshop March 21, 2005--Lowrance Linearity Solution z Linearity was measured with **IRAC** ... correct uncertainties • Uses star-tracker on-board the spacecraft-computes known BCD **FOV** ...

[ssc.spitzer.caltech.edu/sust/workshop/2005data/talks/lowrance.pdf](http://ssc.spitzer.caltech.edu/sust/workshop/2005data/talks/lowrance.pdf) · [Cached page](#) · PDF file

[ssc.spitzer.caltech.edu](#)

Since **IRAC** does not use a photon shutter for a dark measure, a pre-selected region of low ... across a pixel near the full-array **FOV** center and 8.1% near the sub-array **FOV** center.

[ssc.spitzer.caltech.edu/warmmission/iracwarmdatamemo.txt](http://ssc.spitzer.caltech.edu/warmmission/iracwarmdatamemo.txt) · [Cached page](#)

[ssc.spitzer.caltech.edu](#) [Translate this page](#)

NGC3034 9:55:52.22 69:40:46.90 Kennicutt SINGS1 159 iracmap 18.37 2005-05-06 18:13:33.1 13458176

**IRAC-M82 Cluster FOV 2**

[ssc.spitzer.caltech.edu/approvdprog/sched/obs/week076.txt](http://ssc.spitzer.caltech.edu/approvdprog/sched/obs/week076.txt) · [Cached page](#)

[ssc.spitzer.caltech.edu](#) [Translate this page](#)

HCG42 10: 0:21.82 -19:38:57.20 Johnson COMPACT- 3596 iracmap 24.41 2004-12-17 13:29:09.1 11250688

**IRAC-3p6-FOV - HCG42**

[ssc.spitzer.caltech.edu/approvdprog/sched/plan/week056.txt](http://ssc.spitzer.caltech.edu/approvdprog/sched/plan/week056.txt) · [Cached page](#)

[ssc.spitzer.caltech.edu](#) [Translate this page](#)

HCG90 22: 2: 3.90 -31:55:51.00 Johnson COMPACT- 3596 iracmap 24.85 2004-10-28 08:38:02.3 11251968

**IRAC-3p6-FOV - HCG90**

[ssc.spitzer.caltech.edu/approvdprog/sched/obs/week049.txt](http://ssc.spitzer.caltech.edu/approvdprog/sched/obs/week049.txt) · [Cached page](#)

[Spitzer: High Level Overview](#)

**IRAC**; IRS; MIPS; Data Archive; Data Analysis & Tools ; Index to Documentation; FAQs; Spitzer Helpdesk ...

The 160  $\mu$ m array projects to the equivalent of a 0.5' by 5' **FOV** and fills in a 2' by 5' ...

[ssc.spitzer.caltech.edu/mips/highleveloverview](http://ssc.spitzer.caltech.edu/mips/highleveloverview) · [Cached page](#)

[ssc.spitzer.caltech.edu](#)

HCG42 10: 0:21.82 -19:38:57.20 Johnson COMPACT- 3596 iracmap 24.41 2004-12-17 13:26:44.1 11250688

**IRAC-3p6-FOV - HCG42**

[ssc.spitzer.caltech.edu/approvdprog/sched/obs/week056.txt](http://ssc.spitzer.caltech.edu/approvdprog/sched/obs/week056.txt) · [Cached page](#)

[ssc.spitzer.caltech.edu](#)

HCG16 2: 9:31.32 -10: 9:30.60 Johnson COMPACT- 3596 iracmap 24.41 2005-01-17 07:04:33.6 11249664

**IRAC-3p6-FOV - HCG16**

[ssc.spitzer.caltech.edu/approvdprog/sched/obs/week060.txt](http://ssc.spitzer.caltech.edu/approvdprog/sched/obs/week060.txt) · [Cached page](#)



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HCG42 10: 0:21.82 -19:38:57.20 Johnson  
**IRAC-3p6-FOV** - HCG42  
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**IRAC-3p6-FOV** - HCG90  
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**IRAC-3p6-FOV** - HCG16  
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[ssc.spitzer.caltech.edu](http://ssc.spitzer.caltech.edu) Translate  
GRB060923A 16:58:28.15 12:21:38.90 F  
19158272 **IRAC-1004** . 2MA1555-0956 1  
[ssc.spitzer.caltech.edu/approvdprog/sche](http://ssc.spitzer.caltech.edu/approvdprog/sche)

[ssc.spitzer.caltech.edu](http://ssc.spitzer.caltech.edu) 1 day ago  
**Fox Ori 50256** GO evolved stars/p sn05ip  
[ssc.spitzer.caltech.edu/files/spitzer/spitze](http://ssc.spitzer.caltech.edu/files/spitzer/spitze)

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\char PROTITLE= 'MIPS/IRAC imaging o  
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**IRAC-3p6-FOV** - HCG2  
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ALL RESULTS

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19157504 **IRAC-1001** . 5.3927  
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Principal Investigator: Derek F  
can provide the. crucial additio  
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[ssc.spitzer.caltech.edu](http://ssc.spitzer.caltech.edu)  
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**IRAC-3p6-FOV** - HCG2  
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[Spitzer: SPICE Update L](#)  
IRAC; IRS; MIPS; Data Archive  
the 2D spectral pane, the pane, containing the layers of the image (e.g. each image, etc ...  
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Spitzer Space Telescope - General Observer Proposal #3126 . A Complete **IRAC** Map of M31 . Principal  
Investigator: Pauline Barmby, Institution: SAO  
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/spice.app/Contents/Resources/platform/mac/cal/C15.OPRE25/b0\_psf\_fov.tbl  
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[Kartik Sheth \(SSC IRS Team / Caltech\)](#)  
... Background subtraction from alternate nod •Extraction from an expanding aperture (psf\_fov ... at different  
wavelengths with independent photometric measurements from IRS PU, **IRAC\***, MIPS ...  
[ssc.spitzer.caltech.edu/ost/workshops/2006data2/talks/kartik.pdf](http://ssc.spitzer.caltech.edu/ost/workshops/2006data2/talks/kartik.pdf) · [Cached page](#) · PDF file

[IRS Flux Calibration](#)  
Default sizes for the extraction process are in the \*psf\_fov file in the calcs directory: ... at different wavelengths  
with independent photometric measurements from IRS PU, **IRAC\***, MIPS ...  
[ssc.spitzer.caltech.edu/sust/workshops/2005data2/talks/ksheth.pdf](http://ssc.spitzer.caltech.edu/sust/workshops/2005data2/talks/ksheth.pdf) · [Cached page](#) · PDF file

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SN2005ip 9:32: 6.42 8:26:44.40 **Fox** SN05IP 50256 iracmap 17.69 2008-06-10 18:49:45.7 25822720  
SN05IP-**IRAC** . PG1051+274 10:54:43.92 ...  
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ALL RESULTS

SEARCH HISTORY  
[IRAC FOV...](#)  
[pipeline history log...](#)  
[pipeline change log...](#)  
[pipeline changelog...](#)  
[pipeline log...](#)

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ALL RESULTS

31-33 of 33 results · Ad

[ssc.spitzer.caltech.edu](http://ssc.spitzer.caltech.edu)  
SN2005ip 9:32: 6.42 8:26:44.40 **Fox** SN05IP 50256 iracmap 17.69 2008-06-10 18:49:45.7 25822720  
SN05IP-**IRAC** . PG1051+274 10:54:43.92 ...  
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SN2005ip 9:32: 6.42 8:26:44.40 **Fox** SN05IP 50256 iracmap 17.69 2008-06-10 19:10:35.8 25822720  
SN05IP-**IRAC** . PG1051+274 10:54:43.92 ...  
[ssc.spitzer.caltech.edu/approvdprog/sched/plan/week237.txt](http://ssc.spitzer.caltech.edu/approvdprog/sched/plan/week237.txt) · [Cached page](#)

[ssc.spitzer.caltech.edu](http://ssc.spitzer.caltech.edu)  
\char PROTITLE= 'MIPS/IRAC imaging of Protostellar Jet HH 212' / Program Title ... Applications/spice  
/spice.app/Contents/Resources/platform/mac/cal/C15.OPRE25/b0\_psf\_fov.tbl  
[ssc.spitzer.caltech.edu/postbcd/cookbooks/files/SPITZER\\_S0\\_7130112\\_0002\\_6\\_A14567688\\_bksub...](http://ssc.spitzer.caltech.edu/postbcd/cookbooks/files/SPITZER_S0_7130112_0002_6_A14567688_bksub...) ·  
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Prev 1 2 3 4

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"IRAC FOV" site:http://ssc.spitzer.caltech.edu/ 

ALL RESULTS

ALL RESULTS

1-1 of 1 results · [Advanced](#)

SEARCH HISTORY

"IRAC FOV"...

IRAC FOV...

pipeline history log...

pipeline change log...

pipeline changelog...

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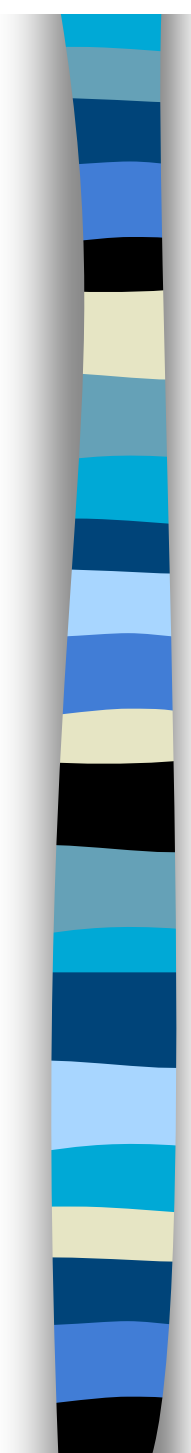
**[SIMPLE = T BITPIX = -32 / FOUR-BYTE SINGLE PRECISION FLOATING POINT](#)**

... type (AOR, IER, or SER) AOT\_TYPE= 'IracMap' / Observation template type AORLABEL= " / AOR Label  
FOVID = 81 / **Field of View** ID FOVNAME = 'IRAC\_FOV ...

[ssc.spitzer.caltech.edu/ost/workshops/2005data/talks/lowrance2.pdf](http://ssc.spitzer.caltech.edu/ost/workshops/2005data/talks/lowrance2.pdf) · [Cached page](#) · PDF file

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# Launch + 2 months



**bing** IRAC FOV site:ssc.spitzer.caltech.edu

ALL RESULTS 1-4 of 4 results · [Advanced](#)

SEARCH HISTORY  
[IRAC FOV...](#)  
[IRAC FOV](#)  
["IRAC FOV"...](#)  
[IRAC FOV...](#)  
[pipeline history log...](#)

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[ssc.spitzer.caltech.edu](#)  
sn 2005cy 18:26:49.11 +51:08:30.40 **Fox** TYPEIIN 60122 iracmapp 17.71 2009-08-21 21:00:00.6 34867712  
**IRAC-SN2005cy** . sn 2004ay 18:28:57.57 ...  
[ssc.spitzer.caltech.edu/warmmission/scheduling/observinglogs/obs/alltogether.txt](#) · [Cached page](#)

[ssc.spitzer.caltech.edu](#)  
Since **IRAC** does not use a photon shutter for a dark measure, a pre-selected region of low ... across a pixel near the full-array **FOV** center and 8.1% near the sub-array **FOV** center.  
[ssc.spitzer.caltech.edu/warmmission/iracwarmdatamemo.txt](#) · [Cached page](#)

[Spitzer: High Level Overview](#)  
**IRAC**; IRS; MIPS; Data Archive; Data Analysis & Tools ; Index to Documentation; FAQs; Spitzer Helpdesk ...  
The 160  $\mu\text{m}$  array projects to the equivalent of a 0.5' by 5' **FOV** and fills in a 2' by 5' ...  
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[ssc.spitzer.caltech.edu](#)  
**Fox** Ori 50256 GO evolved stars/p sn05ip Late ... Gorjian Varoujan 283 DDT AGN/Quasars/Rad **irac-gavrt** ...  
[ssc.spitzer.caltech.edu/files/spitzer/spitzer\\_programs.txt](#) · [Cached page](#)

IRAC FOV site:ssc.spitzer.caltech.edu