



## What's New for CIAO

Date	Item
15 Dec 2008	The newest version of the Chandra Interactive Analysis of Observations software, is <a href="#">CIAO 4.1</a> , released on 15 December 2008. Read the <a href="#">release notes</a> for detailed information. This release requires that <a href="#">CALDB 4.1.0</a> be installed for the software to work correctly.
25 Nov 2008	These are the webpages relative to the CIAO 3.4 release (18 December 2006). They are no longer actively updated, however the CXC will continue limited support of CIAO 3.4 for the near future.  CIAO 3.4 users should check the <a href="#">CALDB 3 website</a> for compatible calibration updates.
08 Sep 2008	CALDB 3.5.0 has been released for use with CIAO 3.4 and CIAO 4.0.  Information on the patch is available from the <a href="#">CALDB 3.5.0 Release Notes</a> and <a href="#">How CALDB 3.5.0 Affects Your Analysis</a> .  <b><a href="#">Download CALDB 3.5.0</a></b>
23 Jun 2008	CALDB 3.4.5 has been released for use with CIAO 3.4 and CIAO 4.0.  Information on the patch is available from the <a href="#">CALDB 3.4.5 Release Notes</a> and <a href="#">How CALDB 3.4.5 Affects Your Analysis</a> .  <b><a href="#">Download CALDB 3.4.5</a></b>
31 Mar 2007	CALDB 3.4.3 has been released for use with CIAO 3.4 and CIAO 4.0.  Information on the patch is available from the <a href="#">CALDB 3.4.3 Release Notes</a> and <a href="#">How CALDB 3.4.3 Affects Your Analysis</a> .  <b><a href="#">Download CALDB 3.4.3</a></b>
14 Dec 2007	The CIAO 4.0 software release is now available.  CIAO 4.0 is a full installation of the CIAO software, including ChIPS and Sherpa (Beta). Refer to the <a href="#">CIAO 4.0 website</a> and <a href="#">release notes</a> for full details.
14 Dec 2007	CALDB 3.4.2 has been released for use with CIAO 3.4 and CIAO 4.0.

## What's New - CIAO 3.4

Information on the patch is available from the [CALDB 3.4.2 Release Notes](#) and [How CALDB 3.4.2 Affects Your Analysis](#).

### **Download CALDB 3.4.2**

14 Nov 2007 The CIAO 4.0 Beta 3 software release is now available. This release features a beta of the new Sherpa, the CIAO modeling and fitting package. Details and documentation on the new system are available from the [Sherpa website](#).

Several bug fixes and enhancements to the CIAO Data Model and the ChIPS plotting package are also included.

14 Sep 2007 CALDB 3.4.1 has been released.

Information on the patch is available from the [CALDB 3.4.1 Release Notes](#) and [How CALDB 3.4.1 Affects Your Analysis](#).

### **Download CALDB 3.4.1**

23 Aug 2007 The CIAO 4.0 Beta 2 software release is now available. This release features a new, more powerful version of ChIPS, the CIAO plotting package. Details and documentation on the new system is available from the [ChIPS website](#).

This release contains the CIAO tools in addition to *ChIPS*; *Sherpa* is not included.

Download the software from the [CIAO 4.0 Beta website](#).

16 May 2007 The CIAO 4.0 Beta 1 software release is now available. This is a tools-only release; it does not include *ChIPS* and *Sherpa*.

There is a [CIAO 4.0 Beta 1 website](#) dedicated to this release. Read the [release notes](#) and the [About CIAO 4.0 Beta 1 page](#) for full details.

CIAO 3.4 is still fully supported and this website will be maintained as usual.

CALDB 3.4.0 has been released.

Information on the patch is available from the [CALDB 3.4.0 Release Notes](#) and [How CALDB 3.4.0 Affects Your Analysis](#).

### **Download CALDB 3.4.0**

02 Feb 2007 CALDB 3.3.0 has been patched to 3.3.0.1.

Information on the patch is available from the [CALDB 3.3.0.1 Release Notes](#) and [How the CALDB 3.3.0.1 Patch Affects Your Analysis](#).

### **Download CALDB 3.3.0.1**

02 Feb **New thread:** [Create A True Color Image in ds9](#)

## What's New - CIAO 3.4

2007 SAOImage ds9, the imaging application distributed with CIAO, has the capability for users to create an RGB image and interactively adjust many of its parameters.

29 Jan 2007 There are two software patches for users running CIAO under Mac OS X 10.4. (**Solaris and Linux platforms are not affected.**)

- Mac OS X 10.4 on PowerPC: CIAO 3.4 for Mac OS X 10.4 on PowerPC has been patched to 3.4.1. This patch fixes problems running prism and filtwin under 10.4 (Tiger). This patch has no effect when installed under Mac OS X 10.2 or 10.3 on PowerPC.
- Mac OS X 10.4 on Intel: the CIAO 3.4.1.1 patch makes it possible to run all tools and applications (e.g. Sherpa and ChIPS) in CIAO 3.4 under Mac OS X 10.4 on Intel.

Refer to the [OS-X Platform bug page](#) for other known issues.

18 Dec 2006 The CIAO 3.4 software release is now available. Read the [release notes](#) for full details.

[CALDB version 3.3.0](#) has also been released; see [the release notes](#) for details.

**CIAO 3.4 requires that you upgrade to version 3.3.0 of the CALDB.**

**[Download CIAO 3.4 and CALDB 3.3.0](#)**

---

The Chandra X-Ray Center (CXC) is operated for NASA by the Smithsonian Astrophysical Observatory.  
60 Garden Street, Cambridge, MA 02138 USA.  
Smithsonian Institution, Copyright © 1998-2008. All rights reserved.

URL: <http://cxc.harvard.edu/ciao3.4/news.html>  
Last modified: 15 December 2008

## What's New - CIAO 3.4