

Version 2011.02.00 - Deepsky Astronomy Software (DAS)
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SUPPORT

For technical assistance with Deepsky, please send me an email.

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Deepsky Release version 2011.02.00

UPD: Added support for Cartes du Ciel 3.4.1. You can now send objects from the Deepsky spreadsheet to Cartes du Ciel version 3.4.1 and later like you used to do in version 2.76.

UPD: Automated the comet and asteroid element download process.

UPD: No longer displaying all 100,000 + asteroids. Changed to display current visible asteroids in the following groups from the IAU Minor Planet Center. Deepsky now lets you filter the list of asteroids based on these categories.

- Visible Comets
- [Observable critical-list numbered minor planets](#)
- [Observable distant minor planets](#) (including Centaurs and transneptunians)
- [Observable unusual minor planets](#) (including NEOs)
- [Bright minor planets at opposition](#)

UPD: Added button to logbook entry from ADD AS NEW OBSERVATION to make it easier to enter Objects that are similar without having to re-enter all of the information (COPY).

FIX: Asteroid elements stopped updating in 2010.

Deepsky Release version 2011.01.01

NEW: Added the following new database catalogs: ChaSNR, MCSNR, and VII/253. There are now over 750,000 deep sky objects in the database.

NEW: Logbook now defaults to use U.T. for time and GoTo for "Object found using..." This can be changed on the logbook tab in options.

NEW: Option to view images in Deepsky Imaging if it is installed instead of the internal Deepsky Software viewer.

NEW: Added a new screen called the "Query Gallery". This screen contains many ad hoc queries That you can run easily without having to change filters and other criteria.

- NEW:** Added a new catalog to the database: Arp's Catalog of Peculiar Galaxies (VII/192).
- NEW:** Added many new common names for objects in the Deepsky database.
- NEW:** Added the Saguaro Astronomy Club database version 8.1
- NEW:** Added a preference on the Spreadsheet options tab that will make Deepsky start up without loading the last spreadsheet
- NEW:** Added new filter option to filter out objects starting with IC. This works for both database searches and displaying an observing plan.
- NEW:** User interface cleanup to make the screens look nicer.
- NEW:** Added US Naval Observatory Master Clock Time to the Internet pull down menu.
- NEW:** Added maximum altitude filters to prevent objects that appear higher than this value.
- NEW:** On the CCD logbook screen, the telescope and ccd camera drop down will now only show the telescopes and CCDs that are in your personal equipment list. In the past, both drop downs contained telescopes and CCD cameras
- NEW:** Added support to stick the logbook file in any folder or on a network share. This makes it easier when you are using Deepsky from multiple computers.
- NEW:** When Deepsky starts up, if you are connected to the Internet, an automatic time sync will occur with the time server you have set up in SYNC INTERNET TIME SERVER.
- NEW:** Added a horizon filter. It will essentially let you specify areas around your horizon that are blocked by trees and other objects. This will enable objects that fall behind those areas to be filtered out of any lists in Deepsky. You will have the ability to set up multiple horizon filters so that you can use them at all of your observing sites.
- NEW:** Added links to Deepsky's Internet menu that point to awesome astronomy related websites.
- NEW:** Added new image thumbnail browser to Deepsky. Using this new tool, you can view thumbnails of all images from objects that are currently shown in your spreadsheet. You can view a larger image if you click on the thumbnail. By adding this new thumbnail feature, several of the static image views previously shown on the Imaging menu have been removed
- UPD:** Added cool website links to the APPS menu in Deepsky.
- UPD:** In the past, objects were flagged on the spreadsheet and other reports when the object and catalog matched. This caused confusion if some of the objects were logged against the NGC 2000 catalog and some against the SAC 7 or other catalog. The new version of Deepsky only looks at the object when deciding whether the object has been observed.
- UPD:** The logbook add and update buttons have been replace with just a save button.
- UPD:** When editing the logbook, on save or update, you will be asked if the log spreadsheet should be refreshed. In past versions you had to click the show all button manually. You can turn this

- feature off in preferences (options) on the logbook tab.
- UPD:** Removed all red text from Deepsky to make it better work with clear red monitor coverings.
 - UPD:** Mode grid row selector work better over previous versions.
 - UPD:** Made font size of comet and asteroid spreadsheets larger (now 12pt).
 - UPD:** Spreadsheet column sort now ignores blank values.
 - UPD:** Removed Skyrover Sketches. They are no longer available.
 - UPD:** Improved the image viewer while in the star charts by making it a smaller window that will stay on top of the chart. This way you can see the image as you work in the charts.
 - UPD:** Object info window shrunk to work at 800x600
 - UPD:** Added a NOW button on the log entry form to set the observed time to the current PC time
 - UPD:** All screens now use a true type font so that the text is clearer.
 - UPD:** Updated comet and asteroid elements
 - UPD:** The Dates of new and full moon screen now default to the current year. Also, Cancel will now exit you from this screen.
 - UPD:** Added additional cameras to the equipment list.
 - UPD:** Expanded the equipment field from 50 characters to 255 characters.
 - UPD:** On the object details screen, if the object has an annotation, the command button will say "View Annotation" and be in red.
 - UPD:** New default star size and contrast values (40/4)
 - UPD:** Magnitude numbers added to the nav dialog to serve as mag key.
 - UPD:** Color and config files and software default files replaced to new settings.
 - UPD:** Made the sync to internet time server more robust and added additional time servers to the list that are scattered around the world.
 - UPD:** Changed the icons to the left of the spreadsheet to cooler images taken by the Hubble Space Telescope.
 - UPD:** The Cartes du Ciel and Virtual Moon Atlas icons are now always enabled even if they are not installed. If they aren't and the user clicks the icon, a message will be displayed giving the user information on these two applications.
 - UPD:** The user preferences screen has been redesigned to make it easier to use. The look of the screen has been improved and it is easier to navigate across the tabs. Add the actual location (i.e. Janesville, WI) to the MY CURRENTLY SELECTEDLOCATION. Also created a Misc tab for a few odds and ends that were previously located on the file locations tab.

- UPD:** Added many new observing plans created by Deepsky users.
- UPD:** Right click menu under INTERNET now lets you pick up to 10 different plate versions when querying the DSS images on-line.
- UPD:** Improved the formatting of the logbook statistics report.
- UPD:** When columns in the logbook summary are resized using the mouse, Deepsky will remember these settings.
- UPD:** When columns in the main spreadsheet are resized using the mouse, Deepsky will remember these settings if **AutoSizeColumns** is turned off under the spreadsheet tab.
- UPD:** Updated observing plans. Added a new plan called "carbon stars list". Renamed the Skiff observing plans so they would display better in the open dialog.
- UPD:** The spreadsheet tabs are more visible and larger.
- FIX:** The printer setup button for reports in Deepsky will now work properly. In the past, some people had trouble changing printers from within Deepsky.
- FIX:** Fixed problem with advanced search where single quotes in the search criteria caused an error.
- FIX:** Description was not showing up on the Classic Deepsky printout when selected under Report Setup.
- FIX:** When going to the comet and asteroid spreadsheet, if you don't click a row and add the object to your observing plan, it will not get added properly.
- FIX:** Some of the OPEN and SAVE dialogs screen would not default to the Deepsky folder. VB6
- FIX:** Some of Deepsky's supporting programs would play a sound when hovering over a button. This has been removed.
- FIX:** The annotation of Deepsky objects was not working properly if the main Deepsky database was moved to a different folder.
- FIX:** The Plan flag on the main spreadsheet was not showing up if the object ID was blank and it was in a plan. In some catalogs the object ID is blank which caused this behavior.
- FIX:** When using a double star catalog and selecting a star for the plan, if multiple components have the same object name (ie. 3 of them set to Iota Cas), then all of the components would show as being flagged in the spreadsheet for the plan even if only 1 component was selected for the plan.
- FIX:** Auto log backup gave an error message if trying to backup to the root folder on a hard drive.
- FIX:** Urban flag not working on logbook report correctly.
- FIX:** Dialog popup windows that use to require clicking to close will now auto close after a brief pause.
- FIX:** In table maintenance, if you use the * as a wild card character, the query would not work. Now you can use either * or % as the wildcard character.