

IRIS 7.02 Release Notes

These notes cover changes made in IRIS since release 7.01 of 27 November 1998. If you are upgrading from an earlier release, please read those notes also. The current hardcopy versions of the manuals are: *IRIS/Open User's Manual*: 6.12, *IRIS/Open Utilities Manual*: 6.11, *IRIS/Open Installation Manual*: 6.14, and *IRIS/Open Programmer's Manual*: 7.00.

Bug Repairs

1. A number of bugs were repaired relating to the new zoomed color scale: Displays of 16-bit data (such as VIL, rainrate, etc.) was not correct in the area not scanned. A patch is available for this on 7.01. New colors were not working for printer output, TIFF output and link output. New colors were also not working for deformation, divergence, and vert velocity. These data types now indicate in the legend that they are saturating at the limits.
2. The image product type was out of order in window pulldown
3. Increased ingest header file limit from 500 → 1000
4. Fixed bug killing windows while they are starting. The effect of this is that **qiris** would not work correctly if the windows has not appeared because nobody was logged in. Auto window restart after logout was also not working before a picture was displayed.
5. Cross sections were taking their Z/R relationship taken from the base product, not from **setup**. This had a serious impact when the base was a VIL, which has a Z/L relationship instead.
6. Fixed a bug in time subtracting between days which caused the RAIN1 product to stop at midnight. The bug was introduced on 25 June 1998, in release 6.17.
7. An error was fixed in a time library subroutine that would cause an error in the calculated day on multiples of 400 years. This would cause **ingest** to fail to run past midnight of 31 Dec 2000.
8. Repaired a bug in the **server** process which could cause it to crash occasionally while movie loops are running.
9. *IBM platforms only*: There was a memory leak in the operating system's X process. This was repaired by not displaying the window image in the icon on the IBM platform.
10. POM now has output options for NDOP product.

New Features

1. Raised icon heap from 1200 to 12000 bytes.
2. Whenever the animation play button is pressed, the site of the currently displayed image is latched as the site filter. This has the effect of preventing loops with mixed sites.

3. The real-time display now can select between several radar sites correctly.

Setup Changes

1. IRIS now used the “Desired depth” field for windows in setup/output. This is not fully working yet, please set this to zero to use the default colormap. The pixmap question was removed, it was not being used.
2. Added support for up to 3 real-time display transmit addresses. Also added a RTD Id byte to distinguish different radar site.
3. For color printers added paper size control, and removed printer type.
4. **Color_setup** now initializes unseen numbers. The new colors now require that the data seam values which are not visible when the scale is set to saturate are initialized. After upgrading you should check these values by toggling off the saturation button and looking at the value.

Retired Features

1. Generation and display of picture products is no longer supported. Please change all of your products to data products.
2. IRIS now only supports Postscript style printers.