

## IRIS 7.01 Release Notes

These notes cover changes made in IRIS since release 7.00 of 20 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*: 6.20.

### New Features

1. Added a new "color zoom" feature. This feature allows each labelled data color to have two different shades. Thus the maximum total number of data colors for one data type on a display can be 32.
2. The feature of IRIS color scales which allows data to be clipped above the last color is now working.
3. The Dual-Doppler (NDOP) product is now available. This product takes radial velocity data in from two nearby radars and generates an array of the true horizontal wind speed. These products can be displayed in windows, and examined with **productx**.
4. The corrected velocity (CVEL) data type is now available in INGEST and REINGEST. This is radial velocity which is corrected for Nyquist folding and estimated fall speed. This data is required to correctly generate the NDOP product.
5. Display of FCAST product now working. This is the same type of display as NDOP and WIND products: an array of wind barbs or wind strings.

### Color\_Setup Changes

1. Because of the new colors available in IRIS, you will need to run **color\_setup** after an upgrade and define the new colors. Enter the *Change Color Set* menu and select the *Open Example Palette* choice to get the default colors. If you do not wish to use the new colors, the *Unify Colors* button will set both banks of colors the same. This may be necessary on some systems which may run out of colors.