

## IRIS 7.21 Release Notes

These notes cover changes made in IRIS since release 7.20 of 22 September 2000. If you are upgrading from an earlier release, please read those notes also.

### Installation Changes

1. Welcome to the new X based installation utility! To use this, run **install** rather than the old **instiris** script.

### Bug Repairs

1. The IRIS **ingest** process was setting the time based on the RCP data between the start of a scan and the start of the first sweep. This caused problems elsewhere within IRIS when the time was set backwards. It is now fixed to set the time before the task is started or scheduled. If the time is set backwards, then the task will start at the correct new time. If the time is set forwards, then the task may start a little late in the new time. IRIS will now log in the message log whenever ingest changes the system clock.
2. The IRIS **input** process now ignores filenames in the input directory which start with a ".". This allows effective use of renaming files after a slow copy. Also the filename is now provided to the pipe program as the first argument. This is useful for programs which need to extract information from the filename.
3. **Siris** now prints a "Startup Complete" message when it finishes.
4. *SGI and HP platforms only:* The CATCH product popup window was missing the catchment name in the title bar.
5. An **ingest** bug was repaired in which a passive task schedule would block and wait when run in a dual-RCP02 system configuration.
6. Fixed an array out of range crash in RST output section. If Output plus Input devices were greater than 10 iris would crash. This bug was just in release 7.20.

### New Features

1. RAIN1 products can now be composited by the COMP product. There is a strong reason to build individual RAIN1 product from multiple radars, then composite the results rather than composite the CAPPIs first and make one RAIN1: It handles better an individual radar missing from just a portion of the hour.
2. IRIS now includes a new utility **ufview** which prints out the angle information from a UF format file. The source code for this is in the iris/examiners directory.