

fastrack2015.1_prognotes.pdf

This file lists some of the software and structural changes included in McIDAS-X version 2015.1 that are most likely to affect your locally-developed McIDAS code.

(See http://www.ssec.wisc.edu/mcidas/software/x/fastrack2015.1_changes.txt for the complete list of code changes included in McIDAS-X 2015.1.)

SSEC recommends that you always compile and link all local code after installing each new version of McIDAS-X. Use the information below to determine if you should make additional changes or accommodations to your local code.

- This is the first release of McIDAS-X supporting the new Japanese Himawari satellite. Himawari-8 is the first in this series of satellites and has been assigned McIDAS satellite sensor 86. Servers were based on source code from the Japanese Meteorological Agency and support the Himawari Standard Data (HSD) format. The prefix WARI was chosen as the prefix for the servers and calibration modules. The following new modules were released with McIDAS 2015.1:

hisd.h kbxwari.dlm variadir.cp wariaget.cp

The following modules were updated to include the Himawari satellite:

**CORE.SAT dsserve.pgm isir.for makefile nvxgeos.dlm
SATANNOT SATBAND**

The number of characters in the text string Himawari-8 exceeded what could be shown in the annotation line displayed with IMGDISP. An additional character was added and the rest of the annotation line was shifted to the right by one character. This update required changes to **whats.for** and **imgdisp.pgm**.

- The X11 libraries on new Linux workstations are now located in **/usr/lib64/X11**. The McIDAS install script, **mcinst.sh**, was updated to include **/usr/lib64/X11** in the list of valid X11 locations.