

CSPP SDR and ASCI

CSPP continues to supply mission quality SDRs, for ATMS, CrIS and VIIRS. These SDR are inputs for several other CSPP packages. CSPP SDR now adds OMPS support. Mission quality OMPS SDRs are now created.

What OMPS based level2 products would you like to see?

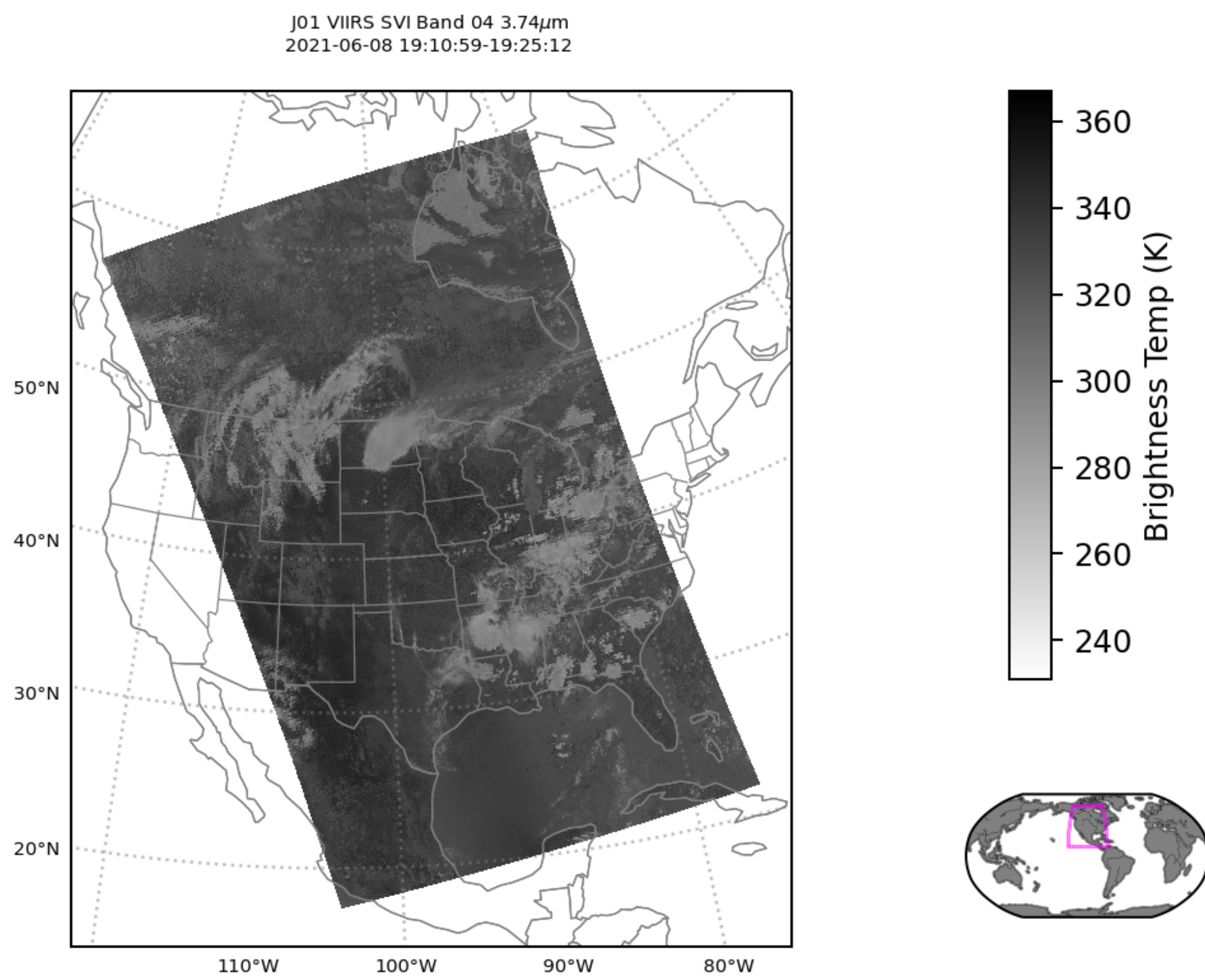
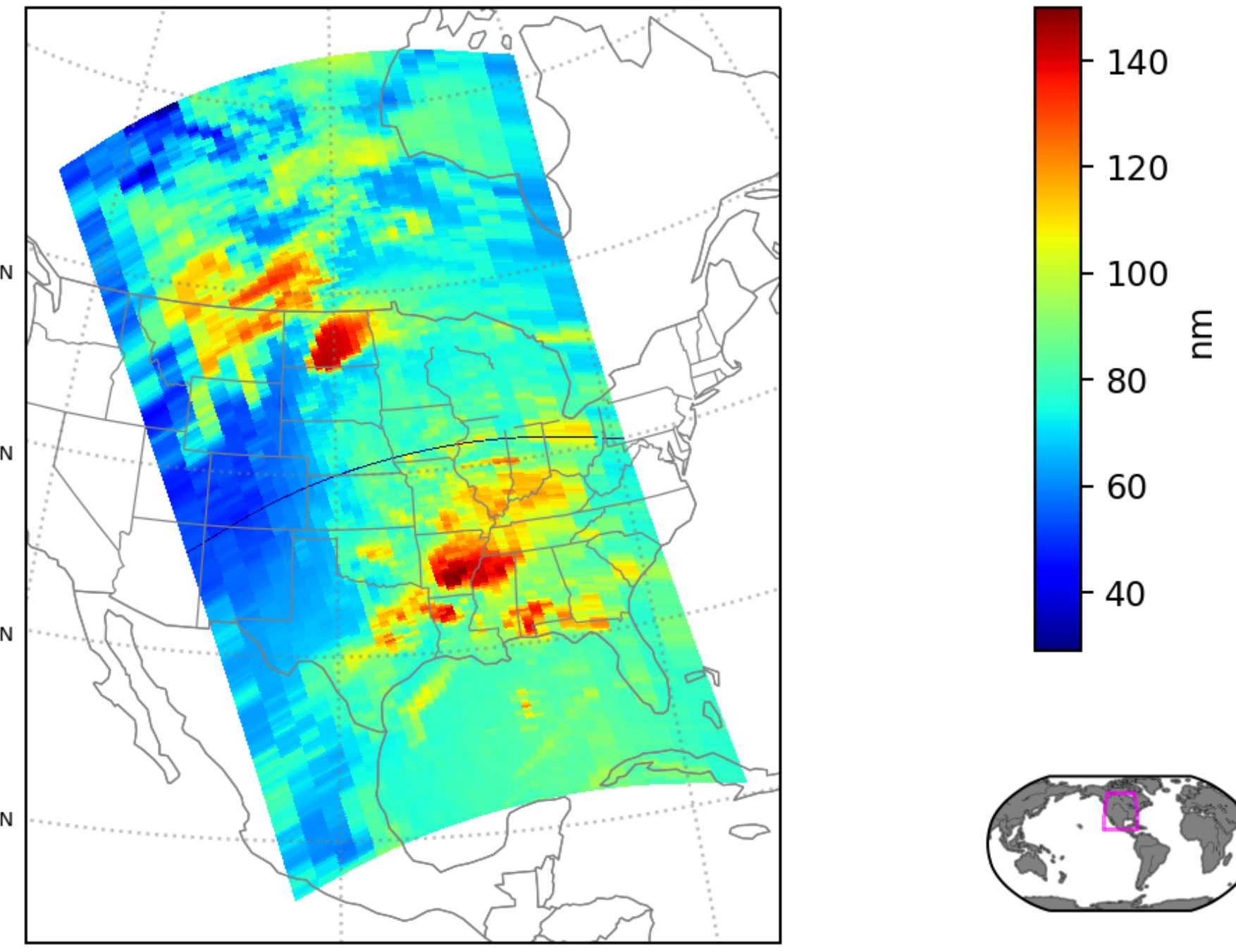
The CSPP (Community Science Processing Package) Team at SSEC/CIMSS has created CSPP SDR 3.3 and CSPP ASCI 1.1 software packages for use by the Direct Broadcast Community. The SDR and ASCI packages work together to provide an extensive set of products from the JPSS Satellite platform. Exciting additions have been made to both packages.

CSPP SDR 3.3 builds on the proven reliability of the SDR codebase with the addition of OMPS processing. OMPS support includes both OMPS Limb and Nadir SDR production. The software also adds enhanced installation capabilities. These capabilities allow users to customize the installation for their unique processing requirements including cloud environments.

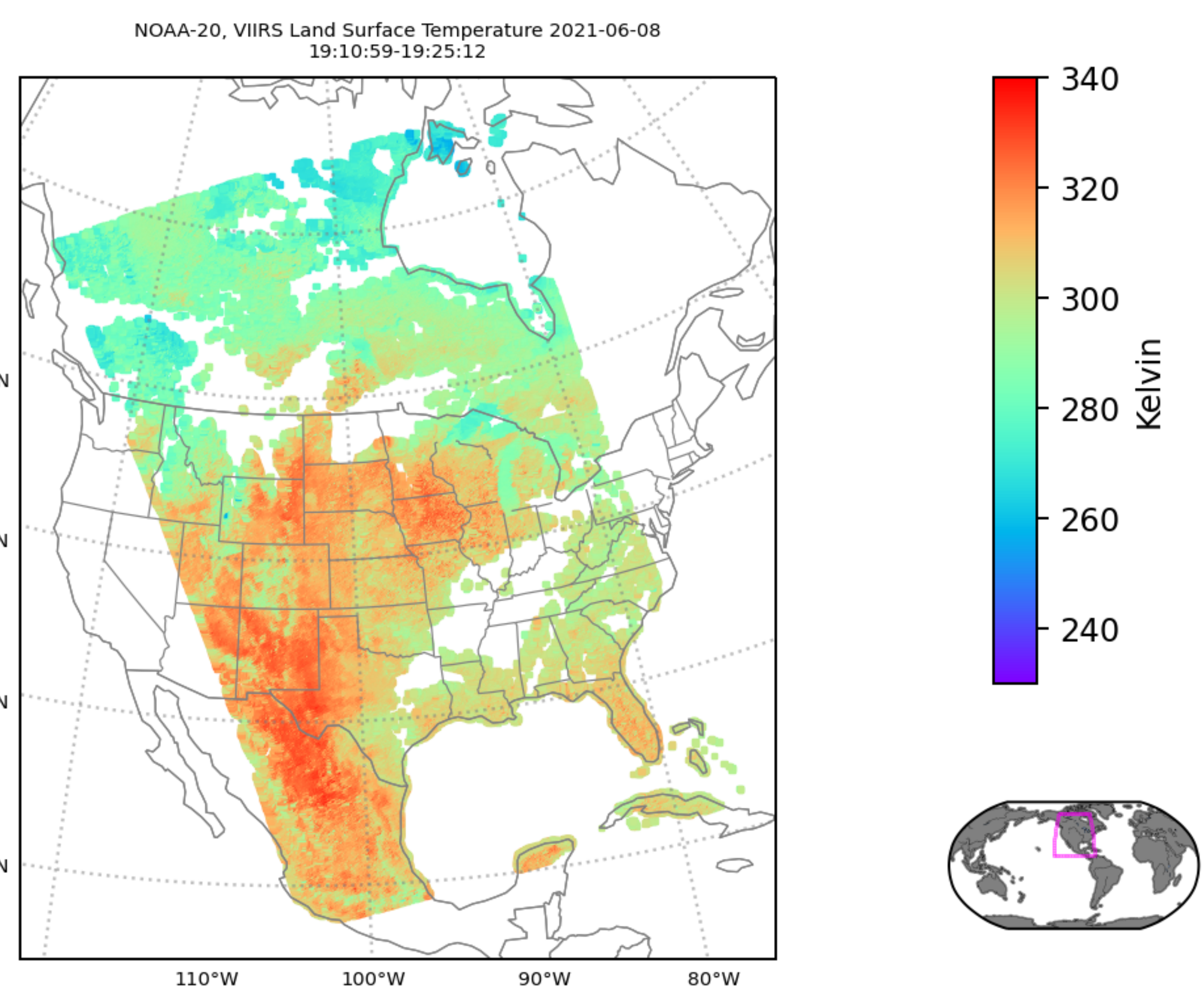
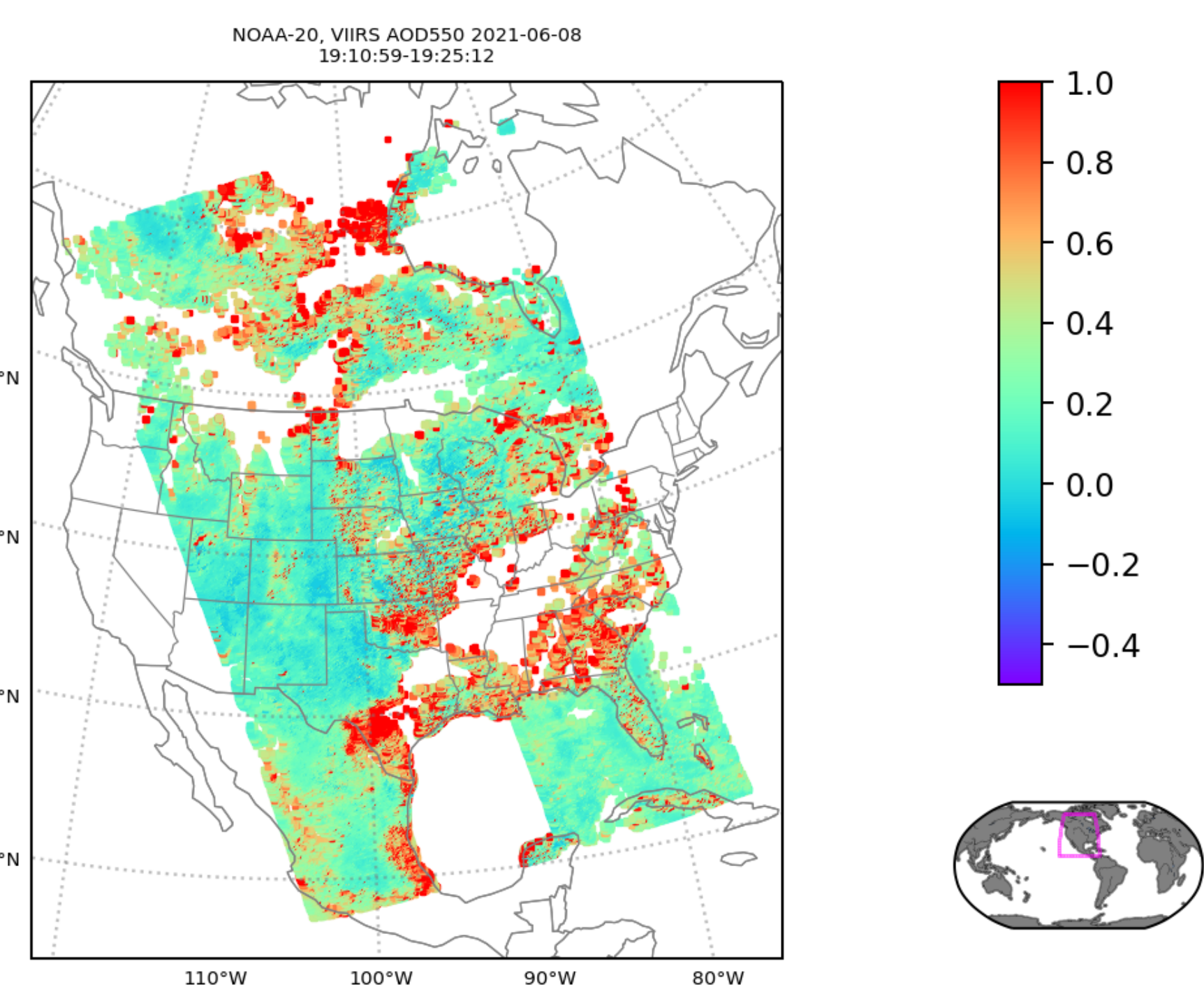
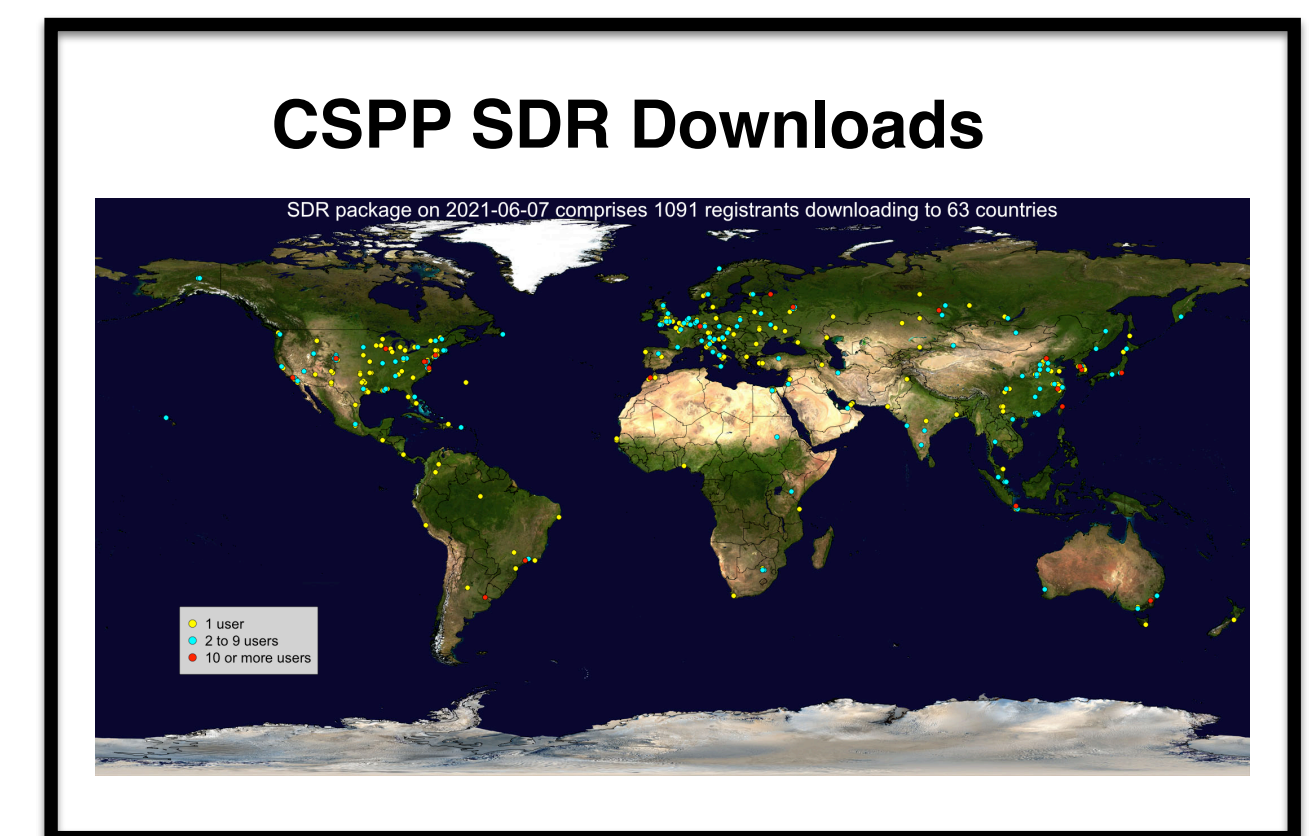
The CSPP ASCI package has been updated to include the latest version of NOAA Star's Enterprise Products for VIIRS with the addition of LSE (Land Surface Emissivity) products. The software pairs with CSPP SDR to provide the user with NOAA's enterprise algorithms and Direct Broadcast data.

This poster illustrates several SDR / ASCI processing installations. It highlights how different configurations can be tailored for different processing needs.

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CSPP SDR has been used in a varied number of installations across the world. SDR 3.3 adds support for alternate installations thru the use of environment variables. Proper use of these variables allows the user to install code, cache and static ancillary into different parts of the filesystem. This flexibility can be leveraged in real and virtual environments to customize your installation.



VIIRS LSE generation is conducted in two phases. A daily phase runs independently of newly acquired satellite input. It processes yesterdays snow data to be used as input for todays processing. Each pass collected then creates LSE products using a combination of previous and new local data.

