



## NASA/GEWEX Surface Radiation Budget: First Look At Products With Recalibrated ISCCP

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The NASA/GEWEX Surface Radiation Budget (SRB) project produces shortwave and longwave surface and top of atmosphere radiative fluxes for the 1983-near present time period. Temporal resolutions are 3-hourly, 3-hourly-monthly, daily, and monthly. Spatial resolution is 1 degree. The current version (V3.0, available at [gewex-srb.larc.nasa.gov](http://gewex-srb.larc.nasa.gov)) uses the International Satellite Cloud Climatology Project (ISCCP) DX product for pixel level radiance and cloud information. This product is subsampled to 30 km, resulting in pixel counts of  $\sim$ 10 per grid box.

ISCCP is currently recalibrating and recomputing their entire data series. They will soon produce data (to be named the HX product) at 10 km resolution. The large increase in pixel number will allow SRB greater flexibility in its own spatial resolution, allowing a higher resolution gridded product (e.g. 0.5 degree), as well as the production of pixel-level fluxes. Here we present our first look at results with new ISCCP data, incorporating many internal SRB model improvements.