

### What is nagg?

Nagg is a tool for rearranging NPP data granules from existing files to create new files with a different aggregation number or a different packaging arrangement.

### What does nagg do?

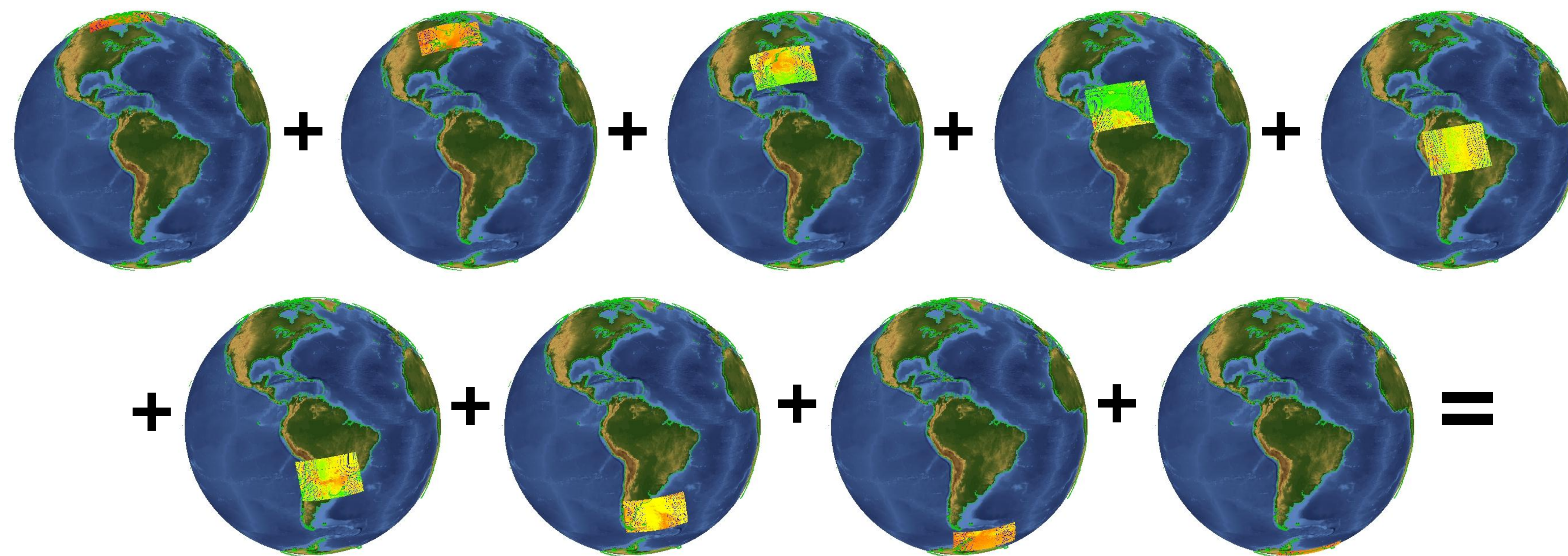
- Aggregates NPP data and GEO product granules. Nagg can increase or decrease the number of data granules per output file for all products in the file.
- Packages NPP data products with matching spatial and temporal extents and GEO products.
- Separates all products or extracts selected products.
- Provides processing flexibility with command line options to set aggregation number, products to process, packaged or not, with GEO or not, & more.

### How does nagg work?

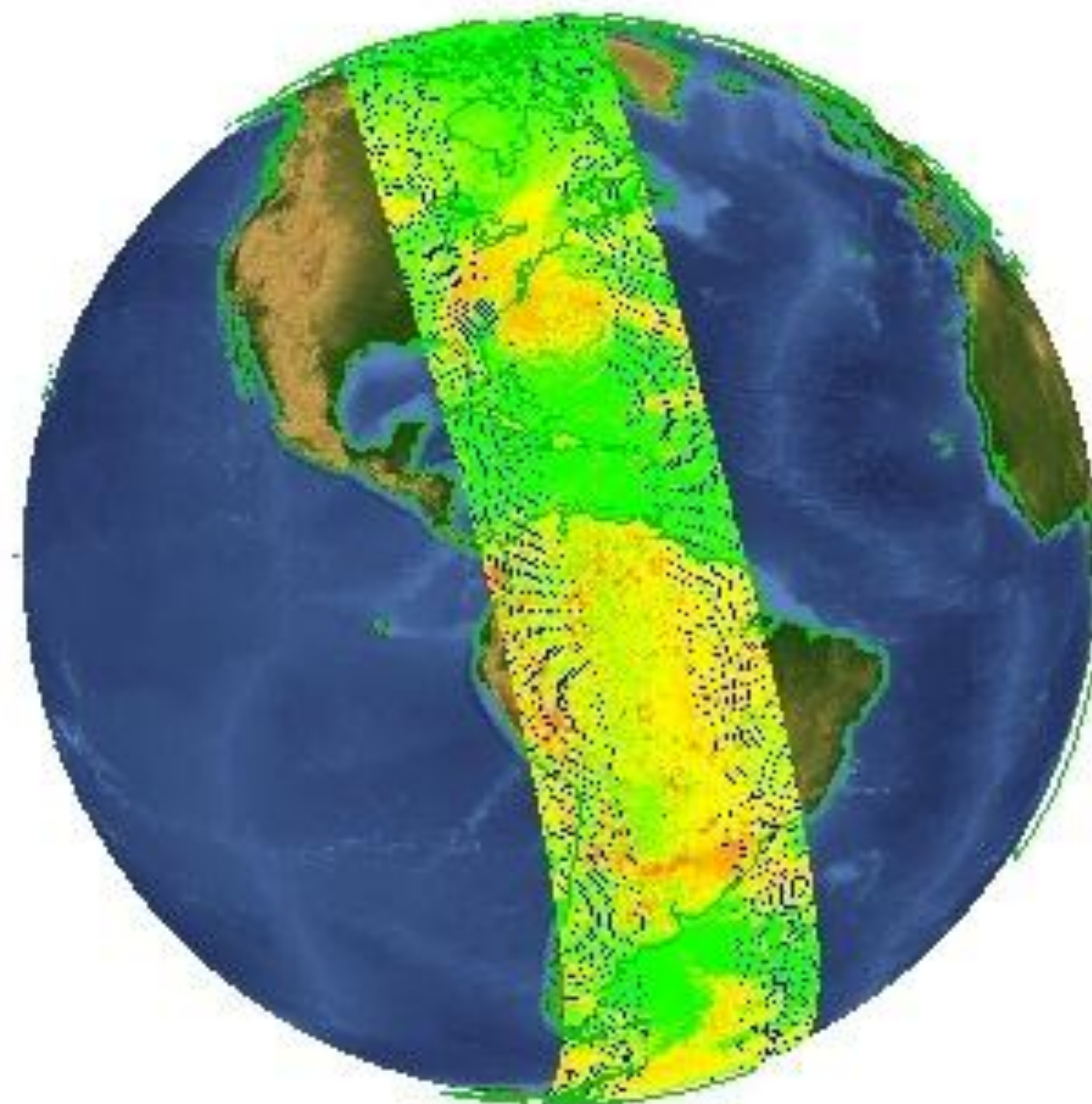
The example at right illustrates nagg's aggregation of 36 VIIRS Moderate Band 07 granules from 9 input files. Nagg concatenates the input granules in the output file, which is structured according to the JPSS Common Data Format Control Book. The new aggregation contains the data from a complete daytime pass of the Suomi NPP satellite.

### Example: Aggregation of VIIRS Moderate Band 07 data packaged with GMODO geolocation data

Command: `nagg -n 36 -t SVM07 GMODO-SVM07_npp_d2012*.h5`



IDV images of radiance datasets in each input file



IDV image of radiance datasets in 36 VIIRS-M7-SDR aggregated in output file  
GMODO-SVM07\_npp\_d20121028\_t1702335\_e1810500\_...\_XXX.h5  
(1 pass of the Suomi NPP satellite) Oct 28, 2012

More information,  
download Linux64 binary:  
[hdfgroup.org/projects/jpss](http://hdfgroup.org/projects/jpss)

