- Giovanni is a Web-based application developed by the GES DISC NASA that provides a simple and intuitive way to visualize, analyze and access vast amounts of Earth science remote sensing data without having to download the data. http://disc.sci.gsfc.nasa.gov/giovanni
- SSW is a Simple Subset Wizard that provides a simple interface for parameter and spatial sub-setting and format conversion.
- USGS has adopted the NLDAS datasets and made them available through the USGS Geo Data Portal (GDP). The GDP has the ability to process data in various ways for you and when finished, sends you a link to download the results. http://cida.usgs.gov/gdp/
- With the USGS Geo Data Portal you can also write a Python program using the pyGDP library to pull data directly from GDP into your Python program.

Table 9-6. List of datasets used to develop the NLDAS precipitation dataset

Dataset	Years	CONUS	Advantages	Disadvantages
CPC daily rain gauge analysis (unified) (Daly et al. 1994) (Higgins et al. 2000)	1979 - 2011	1/8th-degree PRISM adjusted analysis	less bias than radar estimates; improved station density; improved QC checks; least squares distance analysis	coarse temporal resolution; overly smooth spatial analysis scheme
CPC daily rain gauge analysis (operational) Chen et al. (2008)	2012 - present	1/8th-degree PRISM adjusted analysis	less bias than radar estimates; optimal interpolation method	coarse temporal resolution
Stage II Doppler hourly 4-km radar data	1996 - present	1st choice to temporally disaggregate	hourly, 4 km	errors in radar-based magnitude; gaps from equipment downtime and topography
CMORPH Satellite retrieved half-hourly 8-km analysis	2002 - present	2nd choice to temporally disaggregate		
CPC HPD 2x2.5-degree hourly gauge analysis	1979 - present	3rd choice to temporally disaggregate		
NARR/R-CDAS 3-hourly 32-km model simulated precipitation	1979 - present	4th choice to temporally disaggregate	Able to fill in all spatial and temporal gaps	