

**CHIRP/L1c  
Granules**

**CHIRP/L1c Tiles**  
16 days/file  
~3x5 lat/lon grid

Ingest L1c:  
(per 16-day 3x5 grid cell)

Scene Characteristics  
(MODIS, VIIRS: IMG)

**Time, Space, Scene-type  
Averaging (Products)**  
or Form PDFs  
or Subset Anomalous Events

Scene Type:

- Clear to cloudy subset using MODIS/VIIRS or scene T
- Cloud forcing amount
- Statistical Cloud Type

loop/parallel  
over time  
~500 files

Radiance Time Series  
Analysis

Such as:

- **Anomaly Retrievals**
- Trends
- Extrema
- Anomalous Events

loop/parallel  
over grid of  
 $64 \times 72 = 4608$   
grid cells