

# Output formats for mosaics

- File format
  - 8 bit geotiff (in dB or linear scaling?)
  - 8 bit png for google earth
    - Color image
    - B/W image for HH (what is scaling?)
    - B/W image for HV (if dual pol) (what is scaling?)
    - KMZ file containing above images?
  - 16 bit geotiff
- Projection
  - Equi-angular
  - 1.5 arcsecond pixel spacing
  - Georeferenced to upper left corner of upper left corner pixel
- 'Date' product
  - 2 bytes
  - days since launch
  - Web tool to convert days since launch to date
  - Web tool to calculate exact local time as a function of latitude
- Local incidence angle
  - 1 byte
  - DN values for 1) no data, 2) shadow, 3) layover