**MODIS Fire Products**

Good starting point for finding documentation and data: http://modis-fire.umd.edu/index.php

* **MCD14ML** (see 3.7 in MODIS C6 User Guide)
  + Collection has geographic coordinates of individual fire pixels.
  + Files are monthly. ASCII files.
  + Available from University of Maryland
    - Server: fuoco.geog.umd.edu
    - Login name: fire
    - Password: burnt
  + Seems to go back to November 2000
  + Naming convention: Basic structure is MCD14ML.YYYYMM.CCC.VV.asc, where YYYY is the year, MM is the calendar month, CCC is the collection and VV is the product version (see Section 2.1.4 in User Guide
  + Used FileZilla to download all files! Come as .GZ; easy to unzip them in Mac (just click on them)
  + Also available in graphic format at <http://modis-fire.umd.edu/map/globalMap.php>
    - Single day at a time
    - Can’t extract the data?
  + ANALYSIS NOTES!
    - Airport coordinates: 1.8166S, 109.961E
    - Created buffers in QGIS using MMQGIS plugin’s “Create Buffers” tool
      * 5 km
      * 50 km
      * 500 km: approximately 105E to 115E; 6.5S to 2.7N
    - Used R to pull out all detections within a square version of these buffers and combine them into a single file