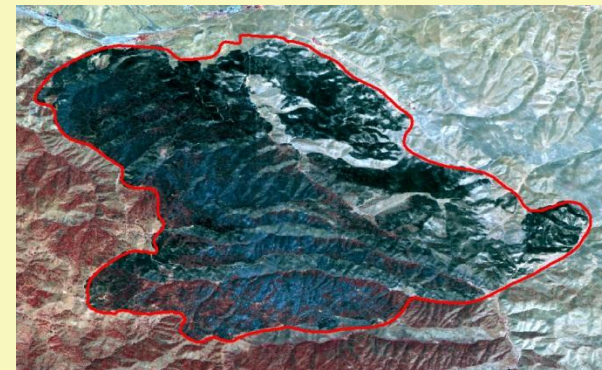
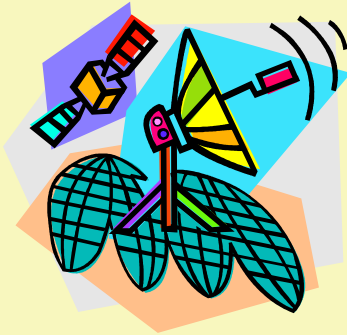


# TFRSAC Spring 2012 CAL FIRE Update



# GOES – EFD System

- Evaluation / Enhancement of the GOES Early Fire Detection System
- Cooperators: UCD, USFS, NASA and CAL FIRE
- Using NASA NEX System and ARC high speed computers for rapid modeling
- Investigating improvements to fire “alarm” data

# CAL FIRE Use of NIROPS in 2012

- Plans & OPS staff on CAL FIRE teams encouraged to:
  - Order NIROPS when activated
  - Order IRIN Trainees for long duration fires
- Hope to get CAL FIRE IRIN Trainees qualified

# DigitalGlobe Contract

- CAL EMA may seek a new contract with DigitalGlobe or similar vendor (service expired April 2011)
- Goal is a service for the State of California to provide imagery of emergency incidents
- Available for all-risk incidents, not just fires
- Provides tools to access and load imagery into ArcGIS software
  - Need high speed internet connectivity to access

# USGS & Eagle Vision Satellite Imagery Availability

- Anticipate International Charter (IC) should be available this year (USGS)
- Have not gotten confirmation if CA Air National Guard Eagle Vision is available this season

# RC-26 Availability

- The ANG RC-26 will be in California May-August this year
  - Are now using AeroComputers Airborne Systems mapping software
  - Allows import/export of GIS data
  - Ordering procedures are in CAL FIRE policy
- A C-130 with similar equipment may also be available.
  - Further research about this resource is currently being conducted

# PSW FireMapper Availability

- FireMapper system is now installed and available
- On board a Beech A-100 twin engine pressurized aircraft
- Stationed at Fox Tanker Base in Lancaster with USFS pilot

# NICS Project

- Next Generation ICS (NICS), formerly LDDRS
- Cooperative project with MIT/Lincoln Lab
- Currently has DHS funding and is moving forward
- Is currently limited to select CAL FIRE Units
- Testing will continue in 2012
  - Anticipate testing operational uses
  - Developing further enhancements



# Researching Mapping Software for CAL FIRE Aircraft

- Continuing research on mapping software and new computers/monitors for CAL FIRE aircraft
- Leaning toward having both DeLorme xMap and Terrain Navigator Pro installed