



Study Area

- Glacier National Park, Montana
- Available forest fire history data
- Data produced from GPS field data are assumed to be spatially accurate to within 5-15 meters.
- GPS data collected while flying above the fire perimeter is dependent on the topography, the weather conditions the day of the flight and the skill of the pilot. Accuracy should be considered 'Resource Grade', generally accurate to no better than 10 20 meters.





























Conclusions

•Could be improved with image to image radiometric normalization. (Lab 4)

•Could be improved with images captured right before and after fire.

•Tasseled cap worked better than NDVI

•This technique could be applied when you already know the general location of where a forest disturbance took place.

•Could be more accurate, cheaper, faster than field GPS data collection.