

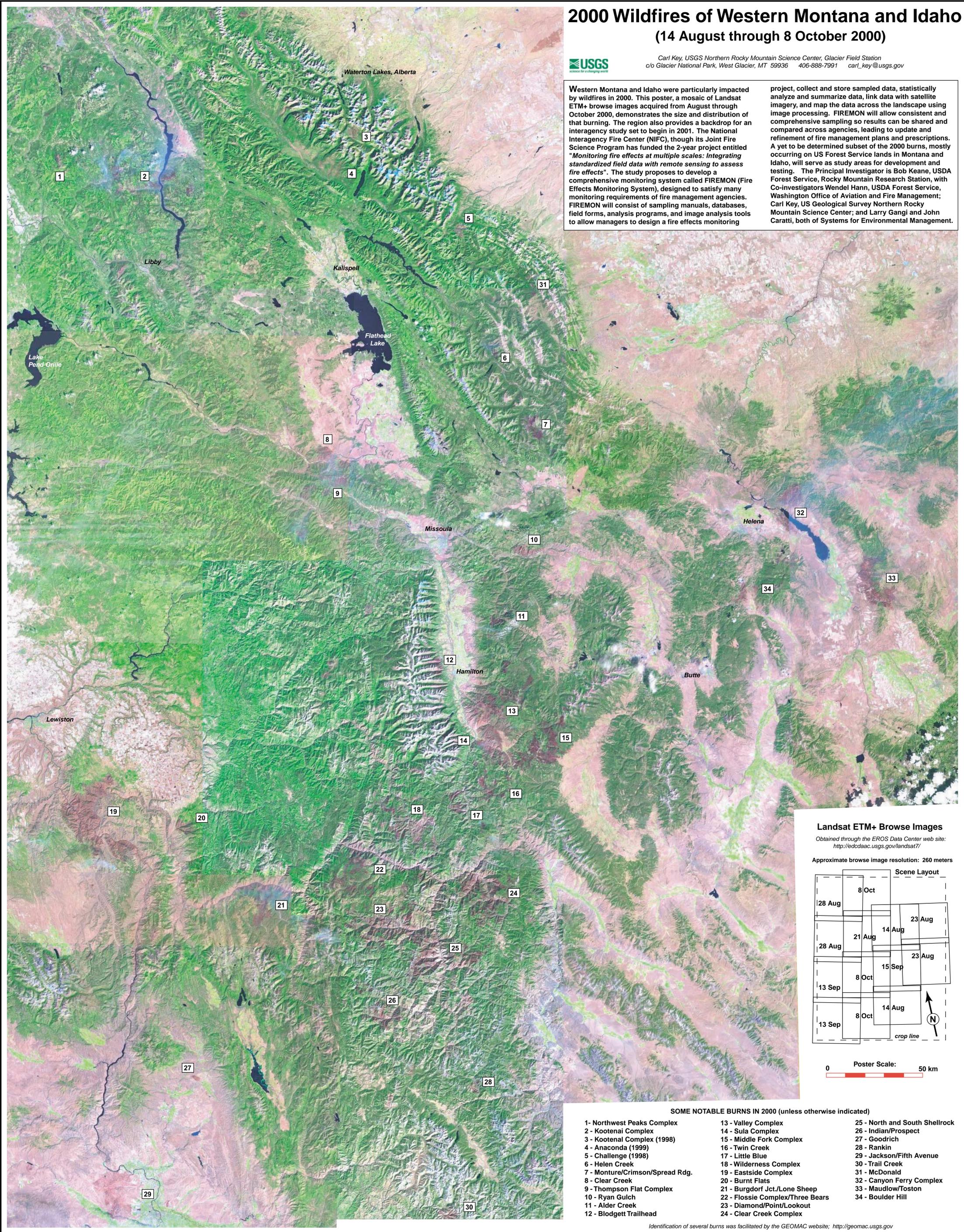
2000 Wildfires of Western Montana and Idaho (14 August through 8 October 2000)



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Western Montana and Idaho were particularly impacted by wildfires in 2000. This poster, a mosaic of Landsat ETM+ browse images acquired from August through October 2000, demonstrates the size and distribution of that burning. The region also provides a backdrop for an interagency study set to begin in 2001. The National Interagency Fire Center (NIFC), through its Joint Fire Science Program has funded the 2-year project entitled "Monitoring fire effects at multiple scales: Integrating standardized field data with remote sensing to assess fire effects". The study proposes to develop a comprehensive monitoring system called FIREMON (Fire Effects Monitoring System), designed to satisfy many monitoring requirements of fire management agencies. FIREMON will consist of sampling manuals, databases, field forms, analysis programs, and image analysis tools to allow managers to design a fire effects monitoring

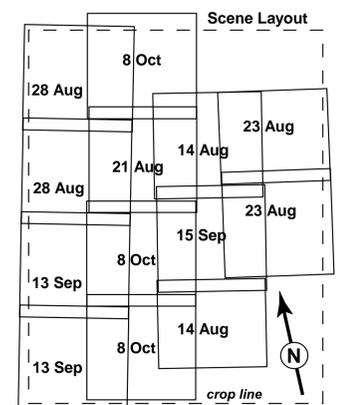
project, collect and store sampled data, statistically analyze and summarize data, link data with satellite imagery, and map the data across the landscape using image processing. FIREMON will allow consistent and comprehensive sampling so results can be shared and compared across agencies, leading to update and refinement of fire management plans and prescriptions. A yet to be determined subset of the 2000 burns, mostly occurring on US Forest Service lands in Montana and Idaho, will serve as study areas for development and testing. The Principal Investigator is Bob Keane, USDA Forest Service, Rocky Mountain Research Station, with Co-investigators Wendel Hann, USDA Forest Service, Washington Office of Aviation and Fire Management; Carl Key, US Geological Survey Northern Rocky Mountain Science Center; and Larry Gangi and John Caratti, both of Systems for Environmental Management.



Landsat ETM+ Browse Images

Obtained through the EROS Data Center web site:
<http://edcdaac.usgs.gov/landsat7/>

Approximate browse image resolution: 260 meters



0 Poster Scale: 50 km

SOME NOTABLE BURNS IN 2000 (unless otherwise indicated)

- | | | |
|---------------------------------|----------------------------------|--------------------------------|
| 1 - Northwest Peaks Complex | 13 - Valley Complex | 25 - North and South Shellrock |
| 2 - Kootenai Complex | 14 - Sula Complex | 26 - Indian/Prospect |
| 3 - Kootenai Complex (1998) | 15 - Middle Fork Complex | 27 - Goodrich |
| 4 - Anaconda (1999) | 16 - Twin Creek | 28 - Rankin |
| 5 - Challenge (1998) | 17 - Little Blue | 29 - Jackson/Fifth Avenue |
| 6 - Helen Creek | 18 - Wilderness Complex | 30 - Trail Creek |
| 7 - Monture/Crimson/Spread Rdg. | 19 - Eastside Complex | 31 - McDonald |
| 8 - Clear Creek | 20 - Burnt Flats | 32 - Canyon Ferry Complex |
| 9 - Thompson Flat Complex | 21 - Burgdorf Jct./Lone Sheep | 33 - Maudlow/Toston |
| 10 - Ryan Gulch | 22 - Flossie Complex/Three Bears | 34 - Boulder Hill |
| 11 - Alder Creek | 23 - Diamond/Point/Lookout | |
| 12 - Blodgett Trailhead | 24 - Clear Creek Complex | |

Identification of several burns was facilitated by the GEOMAC website; <http://geomac.usgs.gov>