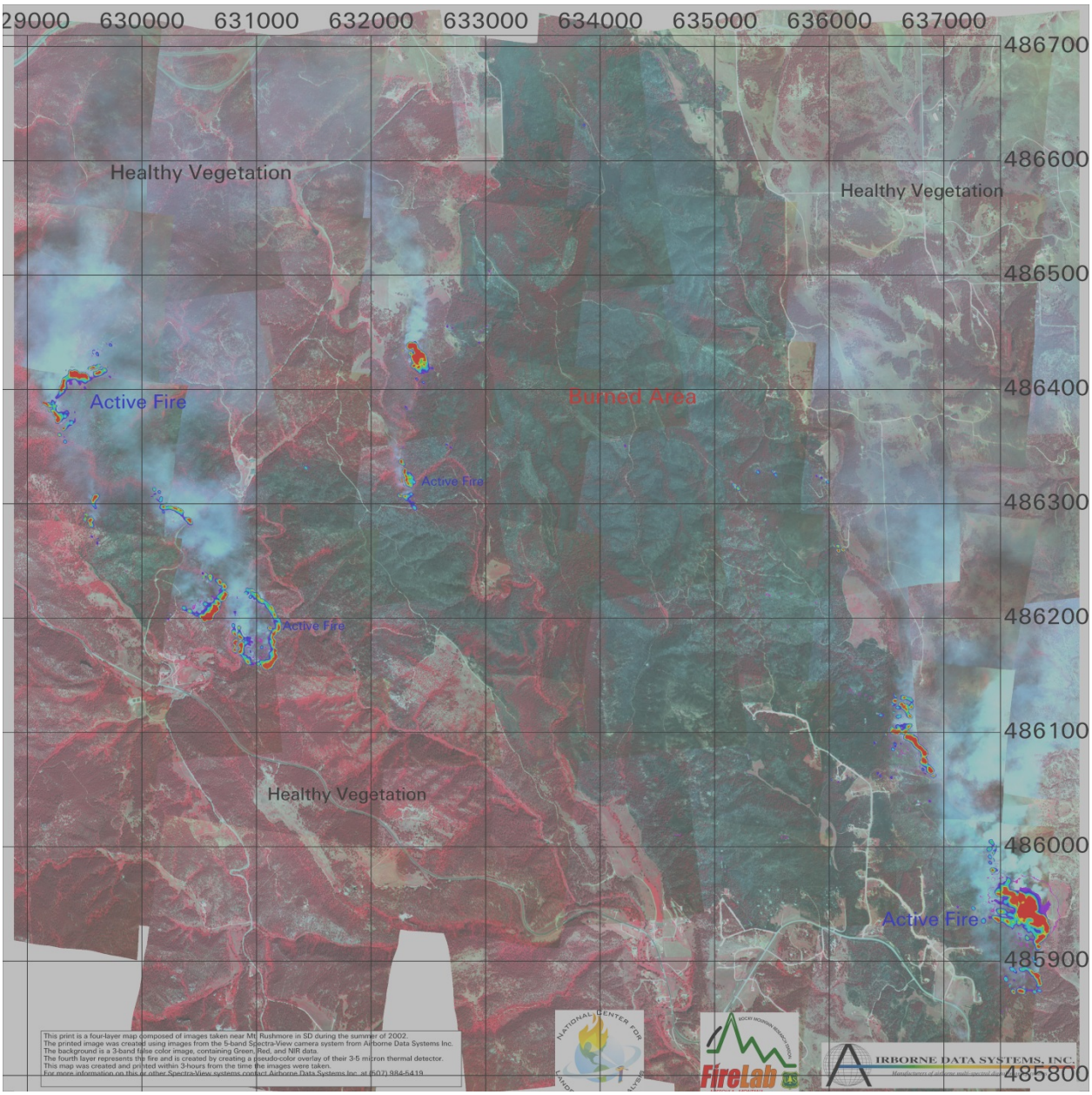
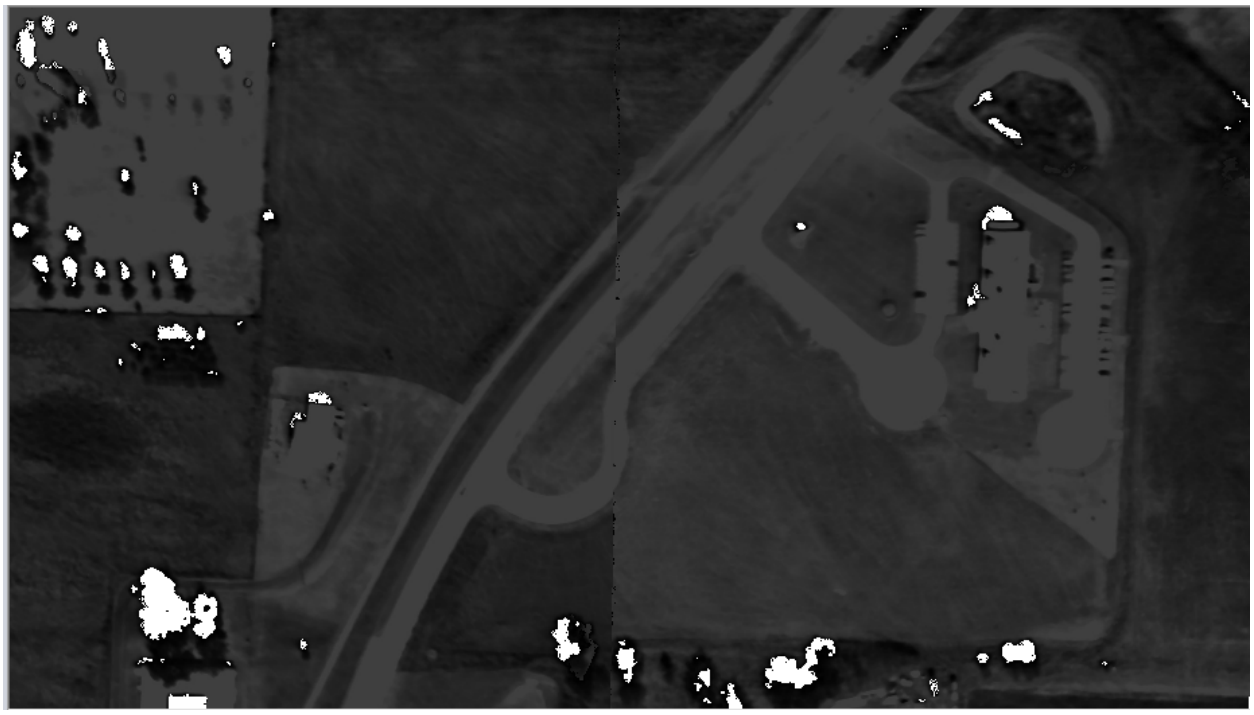
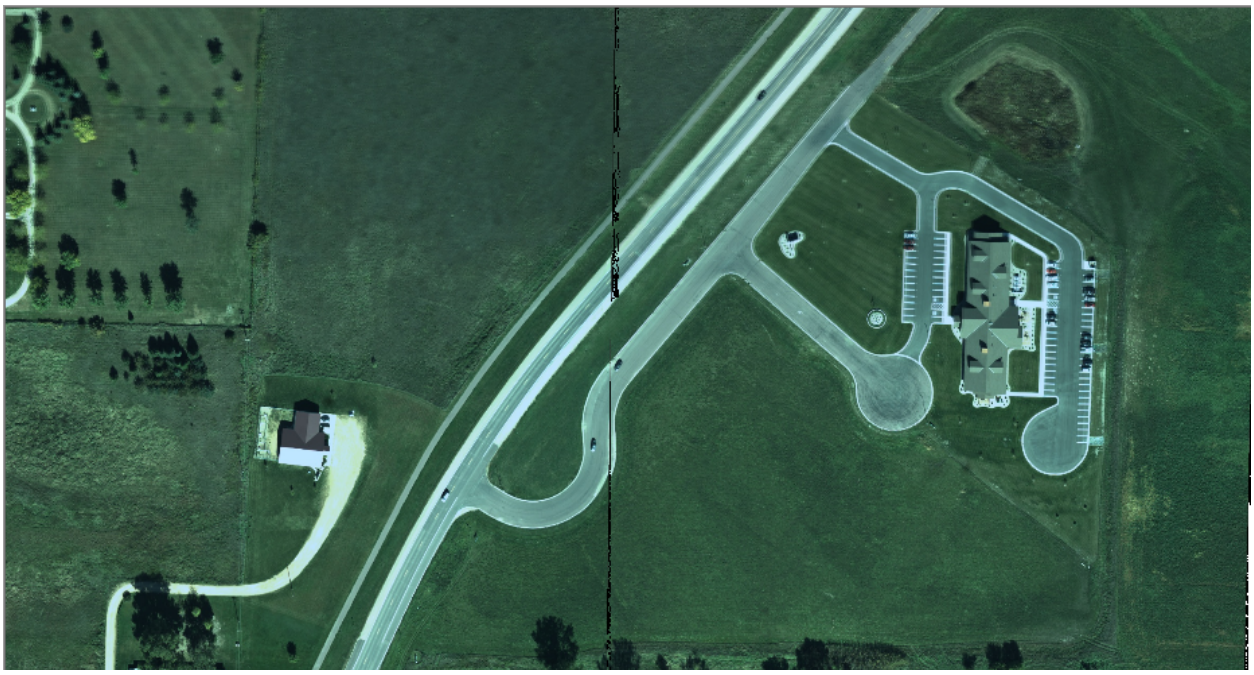

629000
630000
631000
632000
633000
634000
635000
636000
637000
486700
486600
486500
486400
486300
486200
486100
486000
485900
485800
Healthy Vegetation
Healthy Vegetation
Active Fire
Burned Area
Active Fire
Active Fire
Healthy Vegetation
Active Fire
This print is a four-layer map composed of images taken near Mt. Rushmore in SD during the summer of 2002.
The printed image was created using images from the 5-band Spectra-View camera system from Airborne Data Systems Inc.
The background is a 3-band false color image, containing Green, Red, and NIR data.
The fourth layer represents the fire and is created by creating a pseudo-color overlay of their 3-5 micron thermal detector.
This map was created and printed within 3-hours from the time the images were taken.
For more information on this or other Spectra-View systems contact Airborne Data Systems Inc. at (507) 984-5419
NATIONAL CENTER FOR
FireLab
IRBORNE DATA SYSTEMS, INC.





- All header information is in NITIFF format to be ingested by GEO COLABORTIVE DASHBOARD, US forest service dash board, ect.
-
- Real time imaging, the sooner the better
- Using real time imaging to provide both active fire information, fire movement, and the results of retardant drops.

- Fire analyses mapping, using artificial intelligence. Reduces variable interpretation.
- Having the ability to feed multiple sensors to a single processing facility to get multiple views.
- Have shape files with a legend for intensity? In KML
- High overlap images increase the ability to eliminate false positives
- Using high accuracy GPS/INS to meet position standards.

- FOREST SERVICE NEEDS TO SET THE FOLLOWING STANDARDS FOR CONTRACTORS.
- Geo Collaborate dashboard, data sharing. = DOD Big Data
- Need to set standards of data to be trusted.
- Downlink standards With need to have a budget to follow.
- Image format standards; position, band sequence, format (jpg, tiff, kmz. Ect. Header information for the ability to share imaging.
- Forest Service could get more usefulness from contractors if they used them as full service. Forest health, potential fuel load, active fire, post fire mapping.