



MEN00407022225 Mendocino County Lightning Complex

Fire Information

Fire Number: MEN004
Date of Acquisition: July 02, 2008
Time of Acquisition (Local): 15:25
Time of Acquisition (Zulu): 22:25

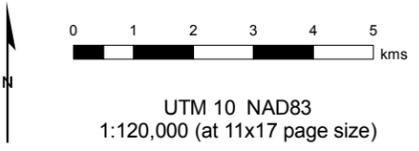
Legend

	Fire ID	Area (ha)	Perimeter (km)
— Roads			
— Rivers			
□ Previous Perimeters	MEN00407022225	n/a	n/a
□ Current Perimeter			

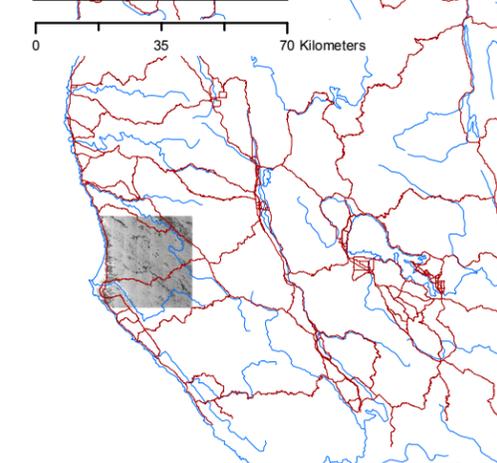
Acquisition Parameters

Spatial resolution = 16.12 metres per pixel
Mission Type: Extreme Monitoring

Map Parameters



1:1,500,000 Overview

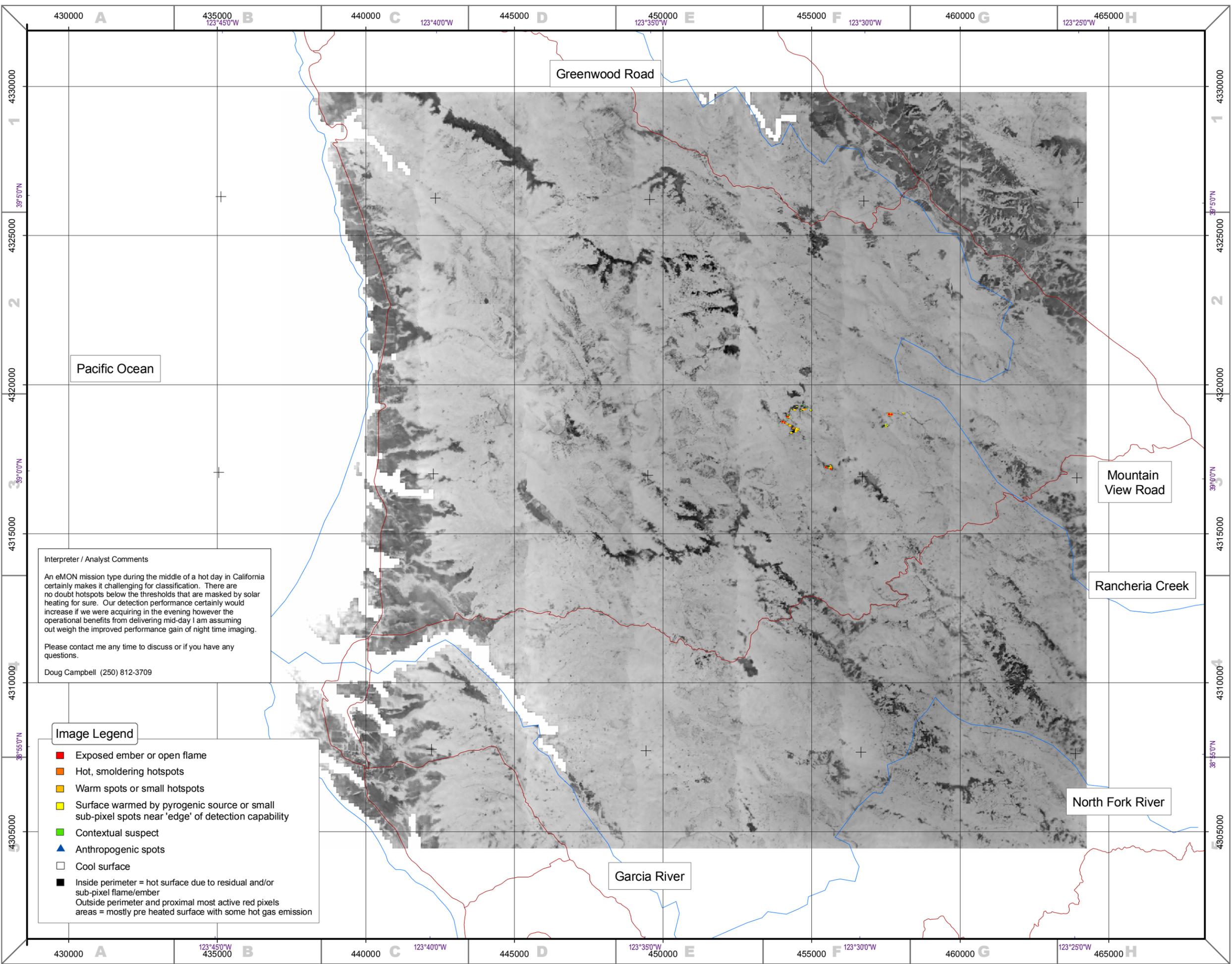


Sources

RANGE AND BEARING
Wildfire, smoke, range and reconnaissance
Analysts for critical incident decision support

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Greenwood Road

Pacific Ocean

Mountain View Road

Rancheria Creek

North Fork River

Garcia River

Interpreter / Analyst Comments

An eMON mission type during the middle of a hot day in California certainly makes it challenging for classification. There are no doubt hotspots below the thresholds that are masked by solar heating for sure. Our detection performance certainly would increase if we were acquiring in the evening however the operational benefits from delivering mid-day I am assuming out weigh the improved performance gain of night time imaging.

Please contact me any time to discuss or if you have any questions.

Doug Campbell (250) 812-3709

Image Legend

- Exposed ember or open flame
- Hot, smoldering hotspots
- Warm spots or small hotspots
- Surface warmed by pyrogenic source or small sub-pixel spots near 'edge' of detection capability
- Contextual suspect
- ▲ Anthropogenic spots
- Cool surface
- Inside perimeter = hot surface due to residual and/or sub-pixel flame/ember
Outside perimeter and proximal most active red pixels areas = mostly pre heated surface with some hot gas emission