



# MEN00107021900 Mendocino County Lightning Complex

### Fire Information

Fire Number: MEN001  
Date of Acquisition: July 02, 2008  
Time of Acquisition (Local): 12:00  
Time of Acquisition (Zulu): 19:00

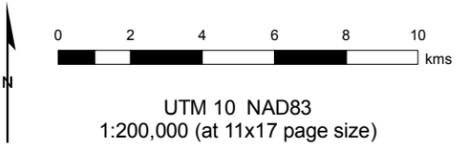
### Legend

	Roads		
	Rivers		
	Previous Perimeters		
	Current Perimeter		
	Fire ID	Area (ha)	Perimeter (km)
	MEN00107021900	n/a	n/a

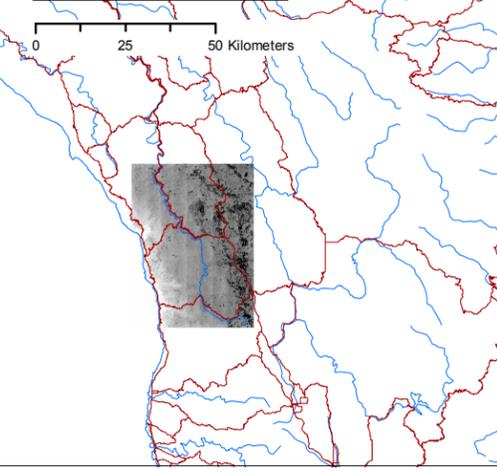
### Acquisition Parameters

Spatial resolution = 16.82 metres per pixel  
Mission Type: Extreme Monitoring

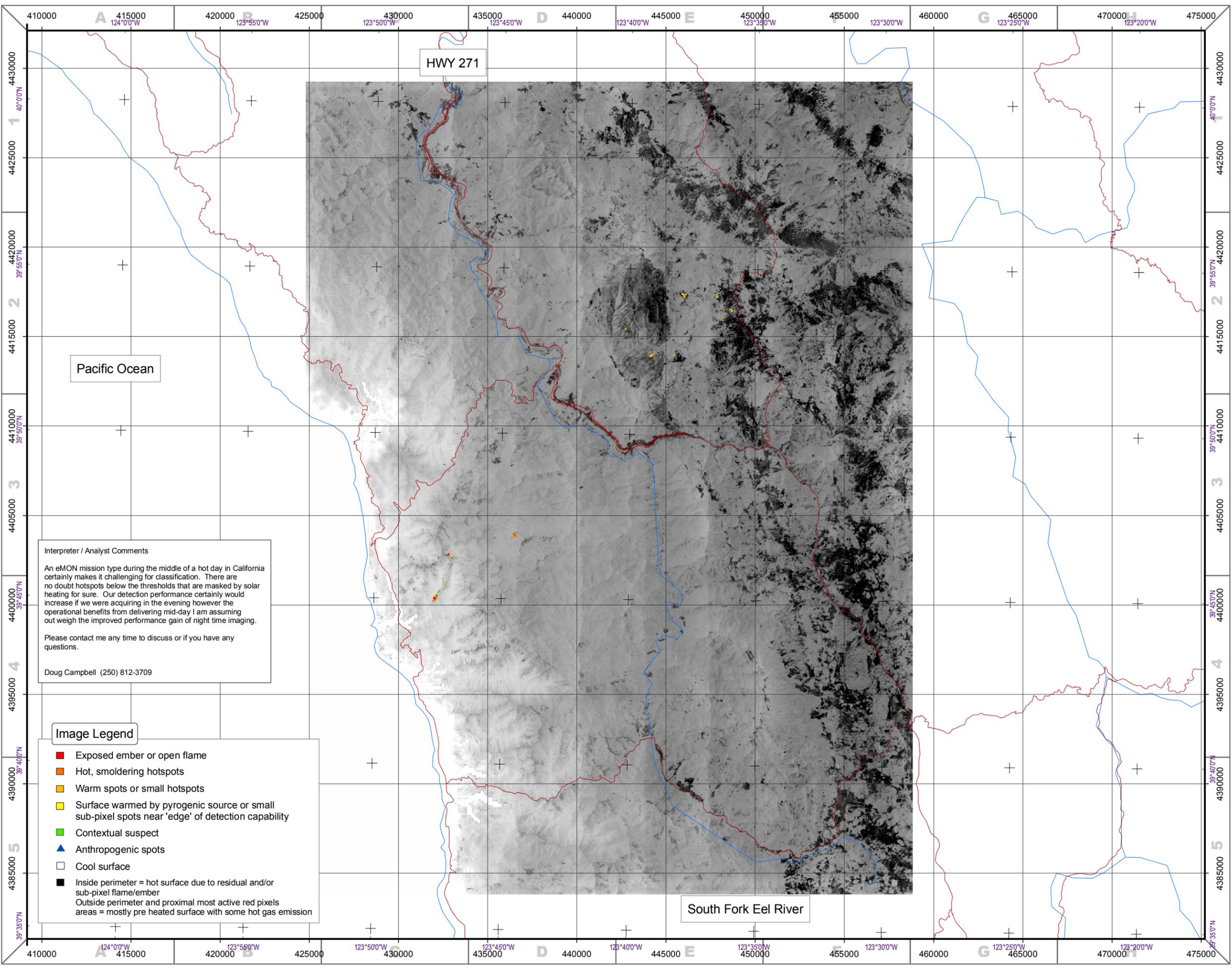
### Map Parameters



### 1:1,500,000 Overview



### Sources



**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 outweigh 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