Shape	Size (length of long side or area)	Detected on first pass with device?	Number of pixels that sensed fire
1.			
2.			
3.			
4.			
5.			
6.			

1. Height above ground when all fires were detected: _____

2. What is the area of the image captured at this height? _____

3. What is the resolution of the sensor at this height? _____
   (length of one side of the area captured divided by the number of pixels along that side of the screen)

4. What is the area captured by one pixel at this height? _____

5. Height above ground when at least one fire was not detected: _____

6. What is the area of the image captured at this height? _____

7. What is the resolution of the sensor at this height? _____
   (length of one side of the area captured divided by the number of pixels along that side of the screen)

8. What is the area captured by one pixel at this height? _____

When did the following fires begin?

Powerhouse Fire (Los Angeles) _____

Rim Fire (northern California) _____

July Complex Fire (northern California) _____