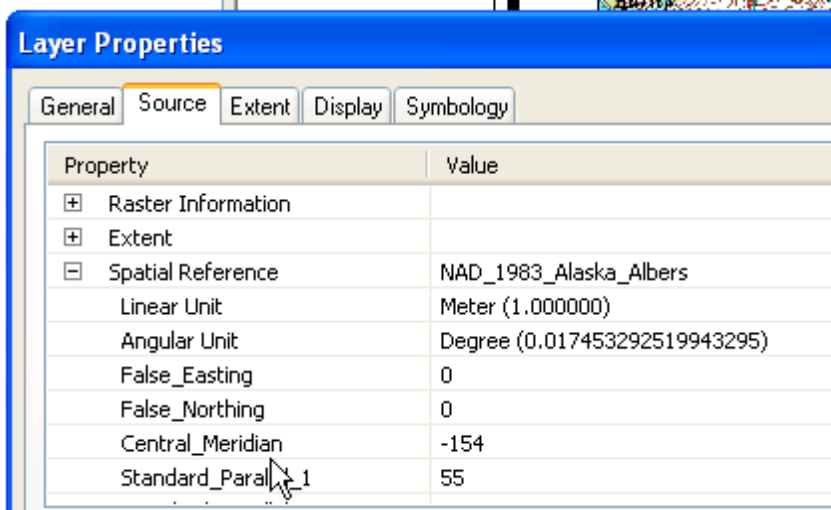


### Week#9 Georeferencing Problems

Download and unzip **Week9\_raster\_imagery.zip** from the **from the class website**  
[http://dverbyla.net/nrm338/blackboard\\_data/](http://dverbyla.net/nrm338/blackboard_data/)

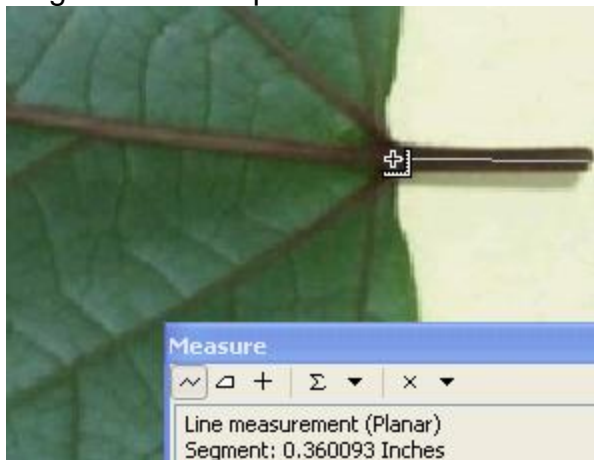
#### . Scanned Paper Map

The scanned map Kodiak.tif was originally in UTM NAD83 projection. Process this raster so that it is in the Alaska Albers coordinate system.



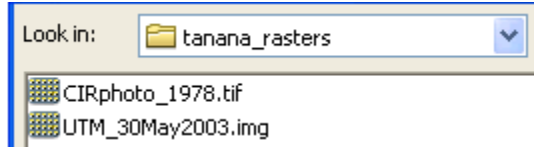
#### . Leaf Photo

The digital leaf\_photo.jpg was originally in 2 inches high and 3 inches wide. Determine the length of the leaf petiole in inches.

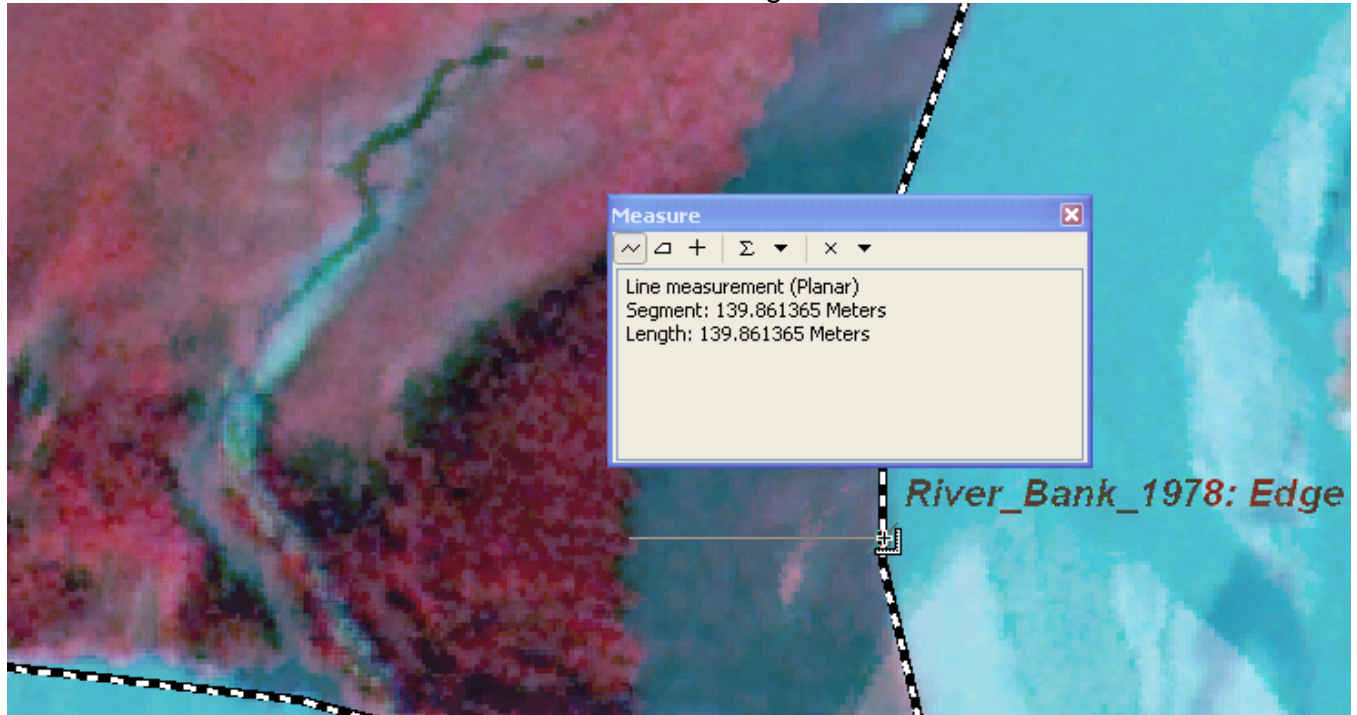


## Tanana River Bank Erosion

The folder Tanana\_Rasters contains two rasters:

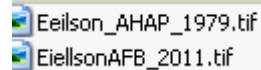


Determine the maximum erosion width in meters along the north bank of the Tanana River..



## Eielson Airforce Base

The folder  contains two rasters:



What is the area covered on the ground for each pixel in meters for the EielsonAFB\_2011.tif raster?