

Methodology

- Gather intensity data points
- Utilize grid-search algorithm
- If epicenter is within the network of intensity data points:
overall least rms-error constrains location & mag
- If epicenter is outside the region of data points,
e.g., if it is far offshore:
location must be constrained by independent method
- M_i at tectonically-attractive epicenters within appropriate rms-error contours are the best estimates for magnitude