

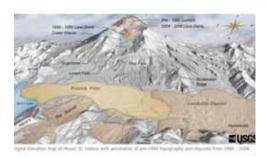
Mt St Helens Wakes up

Response:

A series of aerial surveys is commissioned by the USGS, conducted by the Washington Department of Transportation between August 1979 and May 1980.



Steam-blast (phreatic) eruption from the summit crater of Mount St. Helens on April 6, 1980. Aerial view to the southwest.

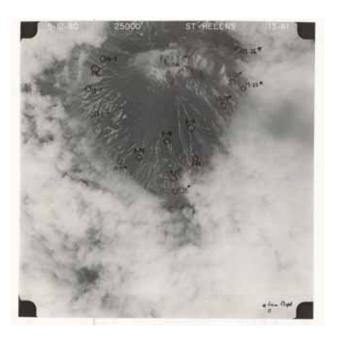


Aerial Surveys 1980



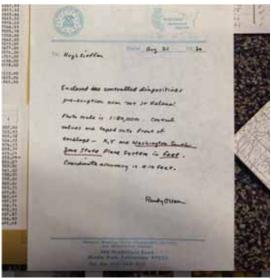


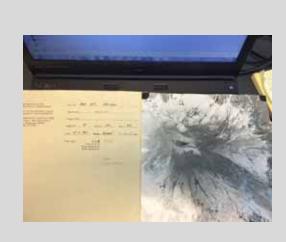
Aerial Surveys:



Archives, where is the data?

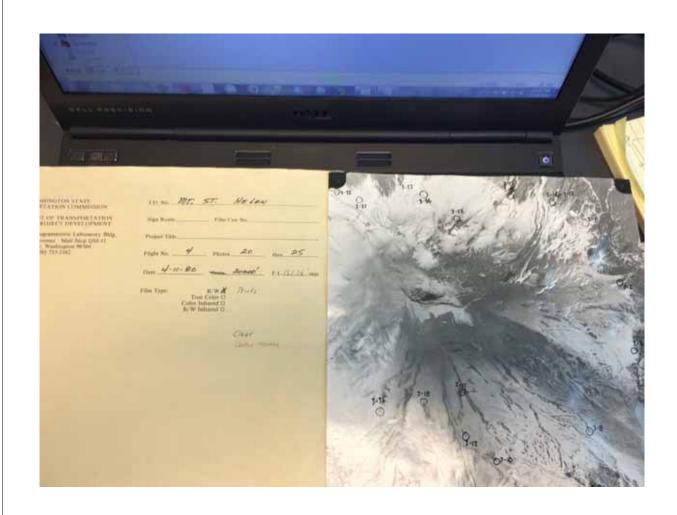


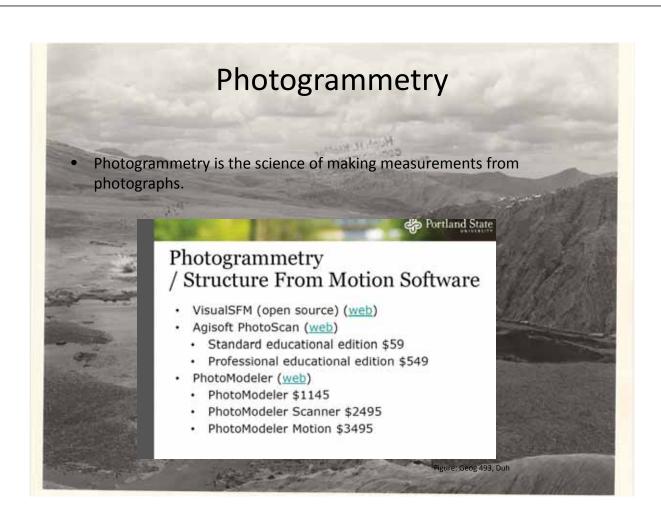




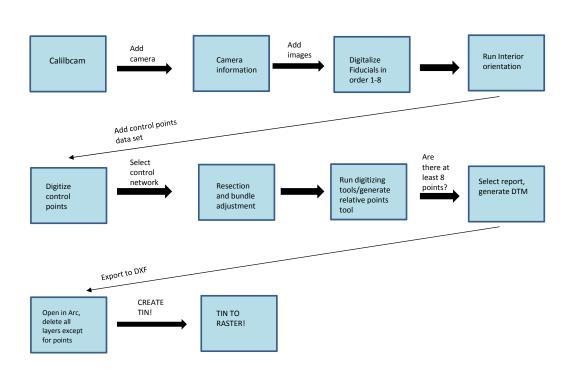


After weeks of shifting through files in the warehouse I found: information about the focal length of the camera being used, information about the height of the flown during the survey, and control point values (X,Y,Z) that otherwise have been lost due to the eruption.









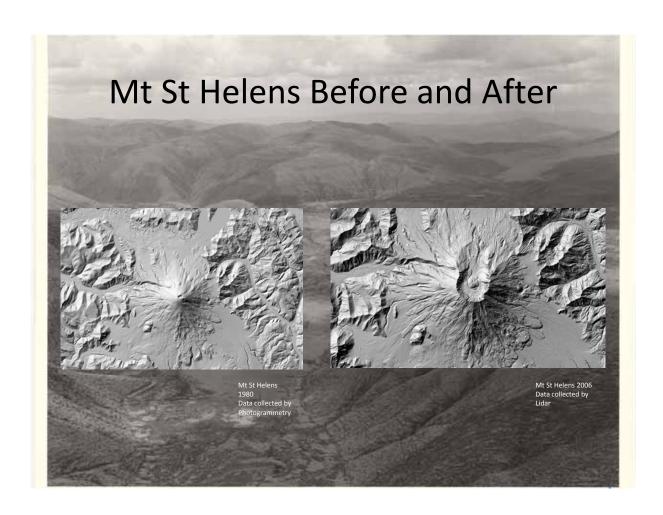


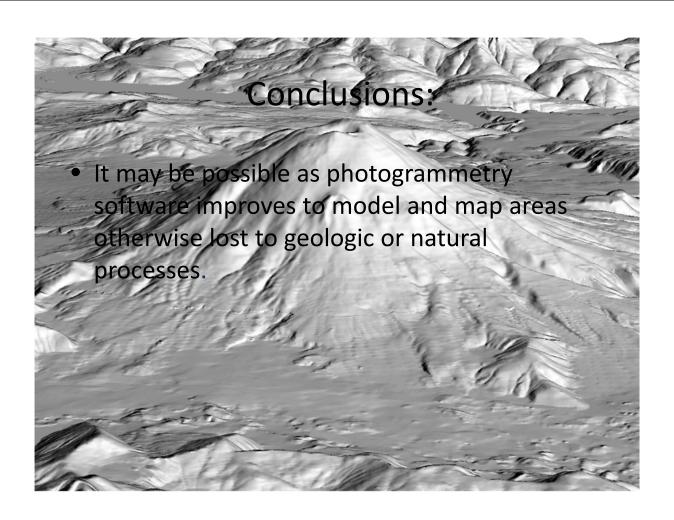


Hillshade









Historic Photos Mt St Helens





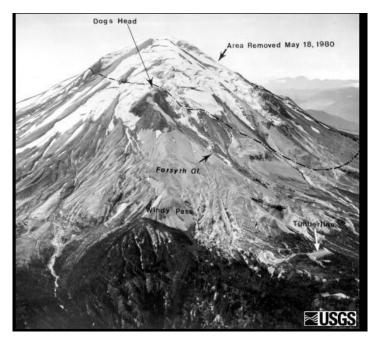


Figure: USGS , Cascade Volcano Observatory

