In 1927, a flood several times larger than any other recorded event, struck Vermont. The flood occurred sometime after the 6th, developed over the weekend and caused significant change and channeling of erosion. Road levels reached (1.5 to 9 feet above normal. Since 1927 Vermont has been on record, our planners have changed and development has altered the landscape greatly. Modern photography of old and post-flood images in the archive allow us to quantify the changes that have occurred since 1927. Such quantification includes measuring channel changes at different rivers and documenting channel change. The archive images vividly demonstrate the hazard posed by new flood events.

Rivers -- The 1927 Flood of Record

We analyzed over 400 photographs of streams and rivers from the 1927 flood. The images depict a flood that was so severe that it altered the landscape of Vermont. The flood was caused by a variety of factors, including heavy rainfall and snowmelt. The flood was so severe that it caused the washing out of a railroad bridge in the vicinity of Winooski River Cross Section in Montebello Ladies’ Institute, Newbury, Vermont. The flood also caused the eroding of a large area. As can be seen in this photo (taken days after the 1927 flood), much of the area has been deforested, with flood waters reaching far up on the near bank.

Conclusions:

- The flood was caused by a variety of factors, including heavy rainfall and snowmelt.
- The flood caused significant damage to the landscape, including the washing out of a railroad bridge and the eroding of a large area.
- The archive images vividly demonstrate the hazard posed by new flood events.

Landscape Change Program

Ever wondered what landscapes of 100 years ago looked like? The Landscape Change Program provides primary data (images of past landscapes) useful for understanding and visualizing landscape change. It provides a public, visual means for people to explore the picturing two centuries of landscape change. The Program provides primary data images of past landscapes useful for understanding and visualizing landscape change. It provides a public, visual means for people to explore the picturing two centuries of landscape change. The Program provides primary data images of past landscapes useful for understanding and visualizing landscape change. It provides a public, visual means for people to explore the picturing two centuries of landscape change.