

Vermont Stream Geomorphic Assessment

Appendix L



Flood History of Vermont Rivers

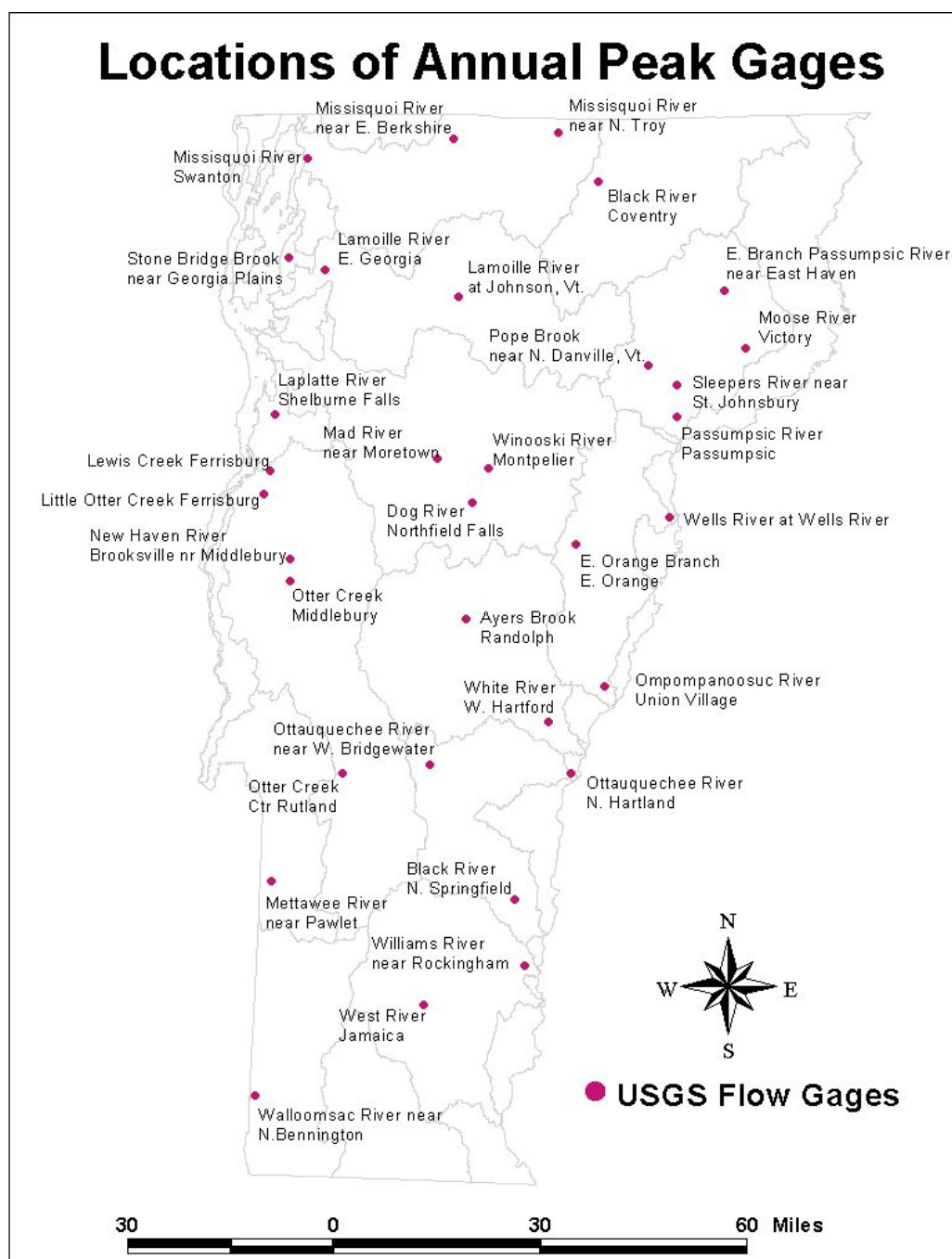
Vermont Agency of Natural Resources
April, 2004

Flood History of Vermont Rivers

Use the map of Vermont USGS river gage site to locate the gage nearest to the reach or site of interest. Then refer to the plots on the following pages to learn the history of floods during the period of record for each gage site.

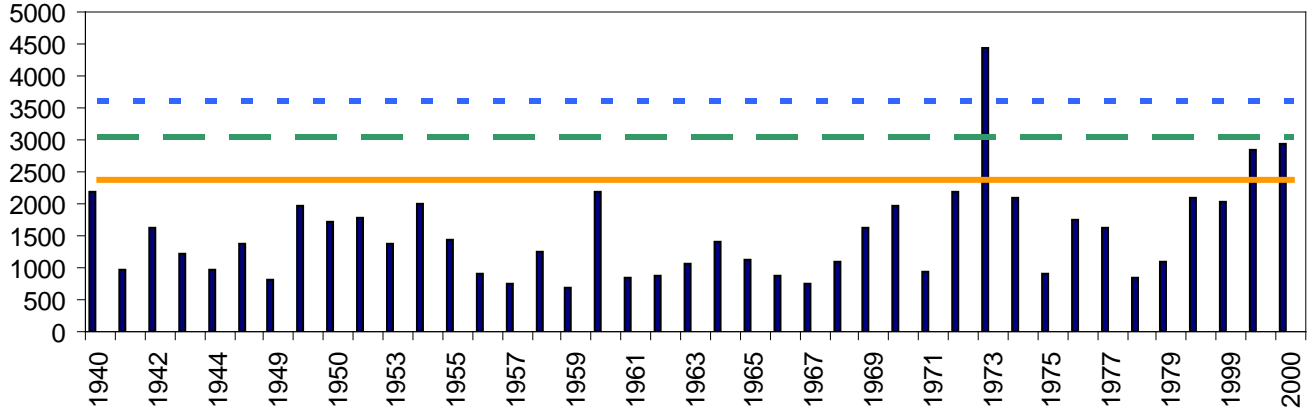
Reminders:

- Some gage sites are below dams that regulate flow which explains why large floods in these watershed did not result in a high flow recorded at the gage.
- Annual peak data used to generate these plots do not include more recent years.
- Annual Peak data from USGS and listed by that agency as provisional.
- Recurrence interval data taken from USGS (2002).
- Visit the USGS web page (listed at the end of this Appendix) for more information about the data used in this appendix.



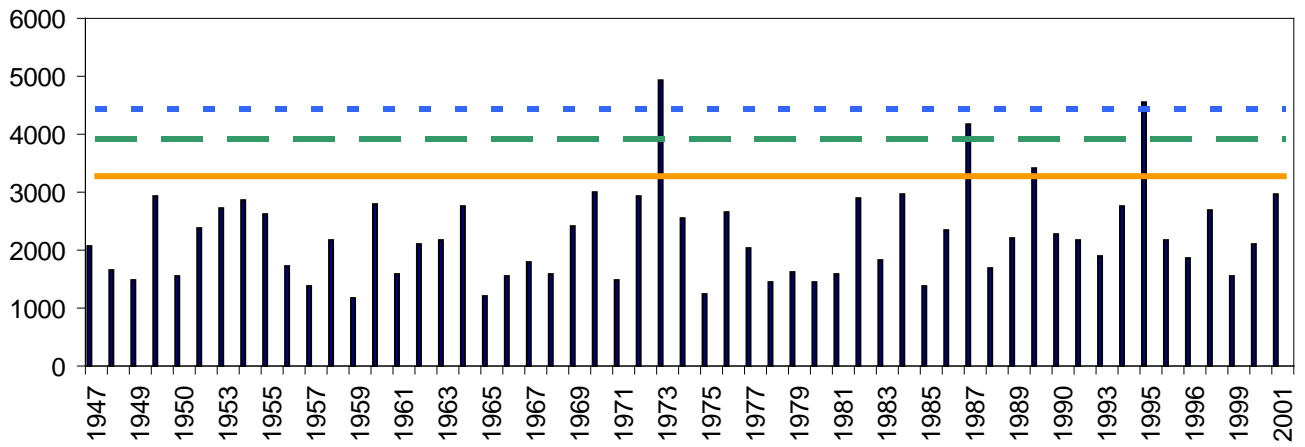
East Branch Passumpsic Near East Haven

Annual Peaks 10 yr Discharge 25 yr Discharge 50 yr Discharge



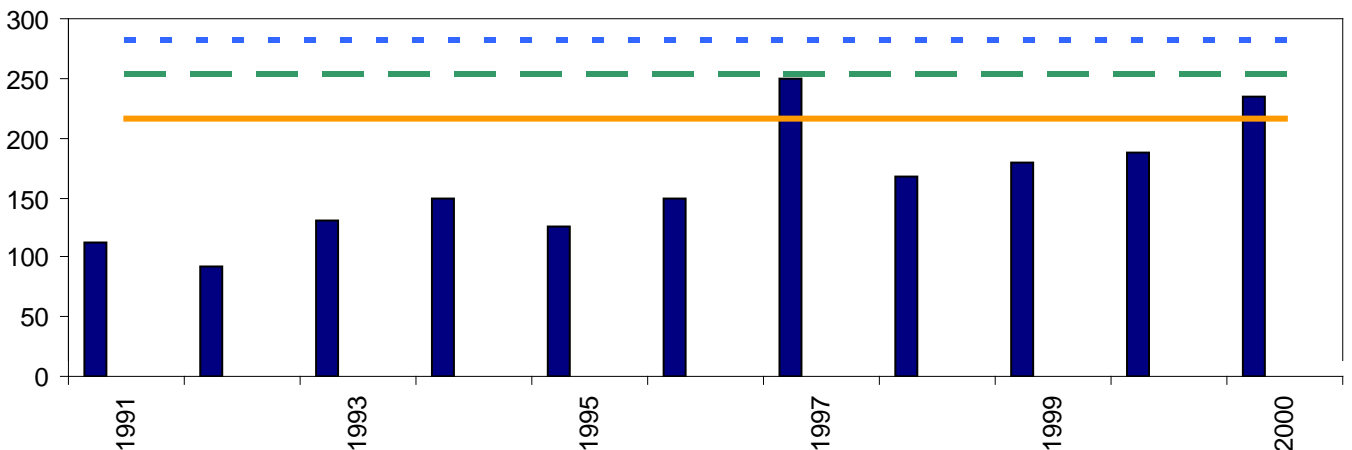
Moose River at Victory, VT

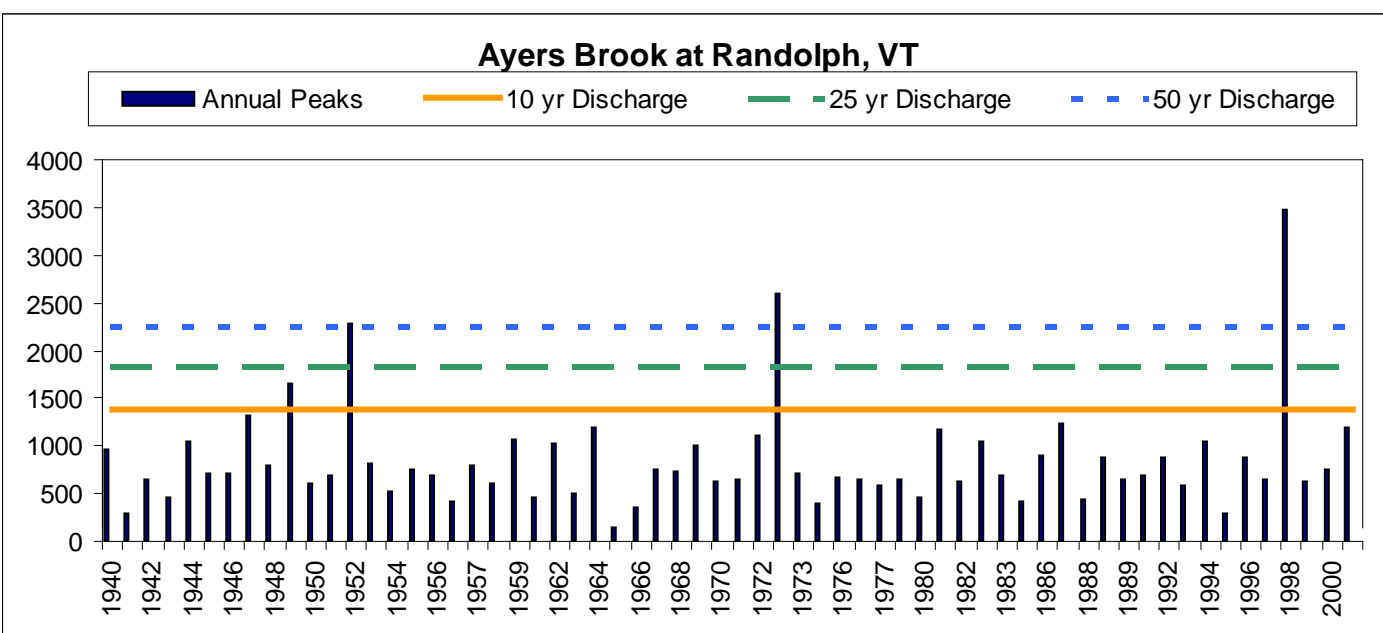
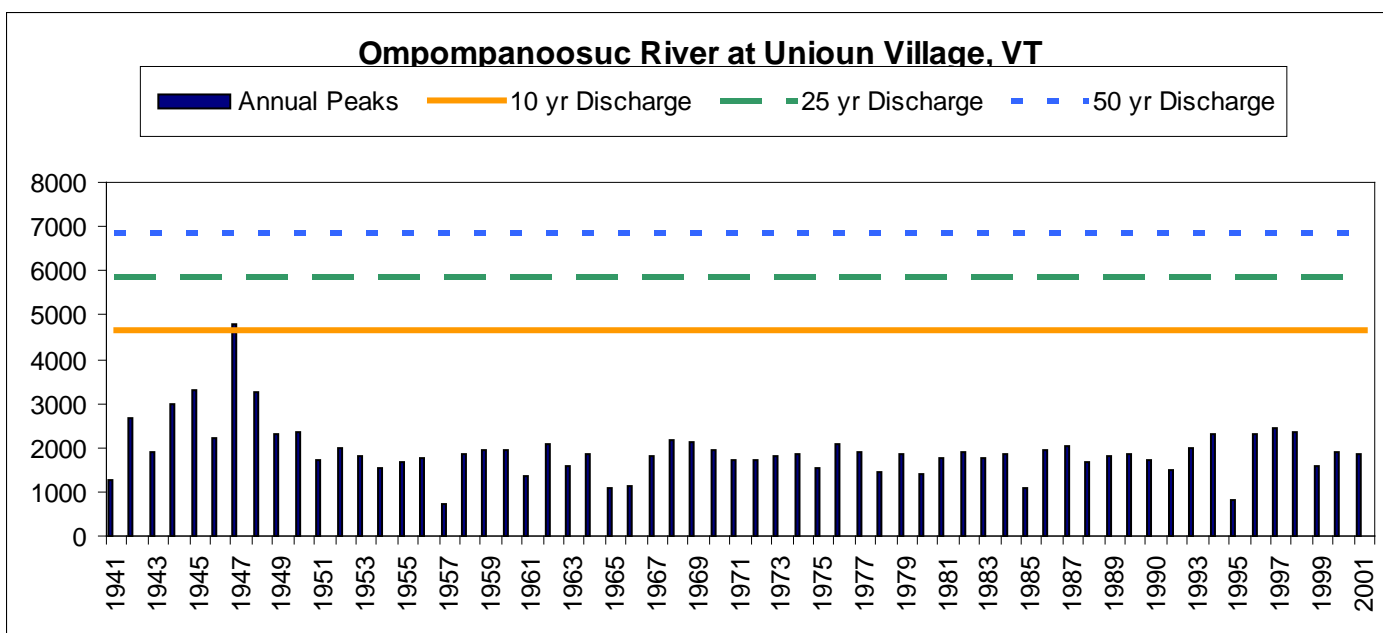
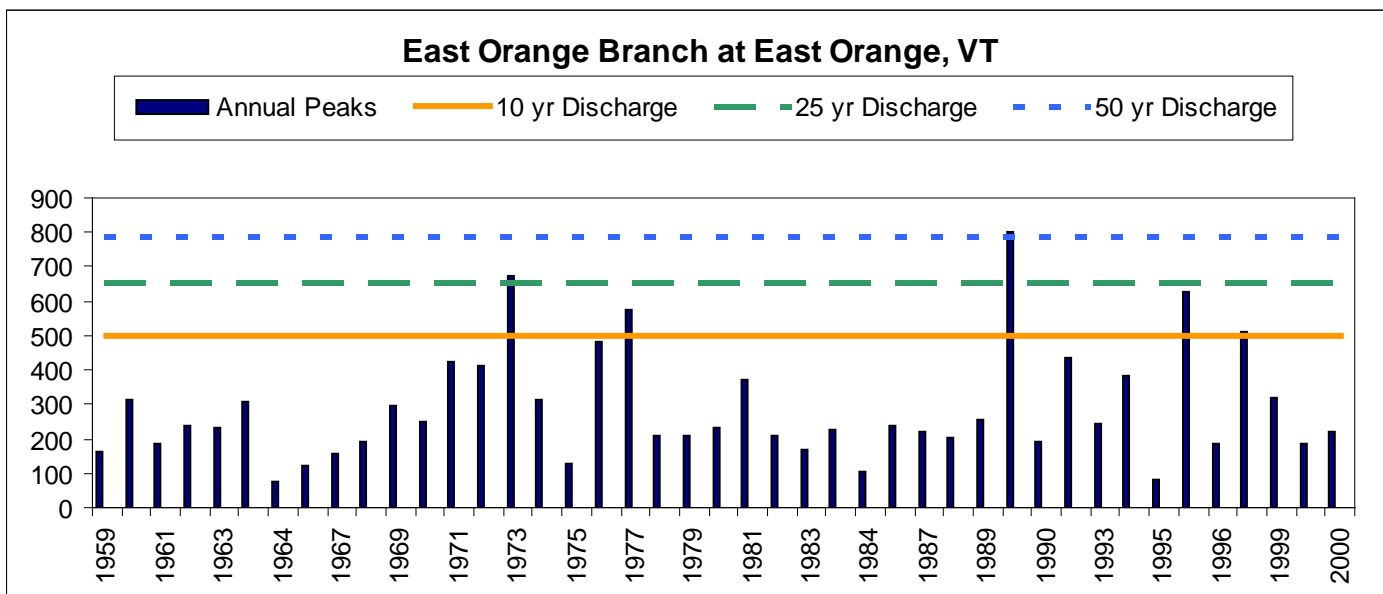
Annual Peaks 10 yr Discharge 25 yr Discharge 50 yr Discharge

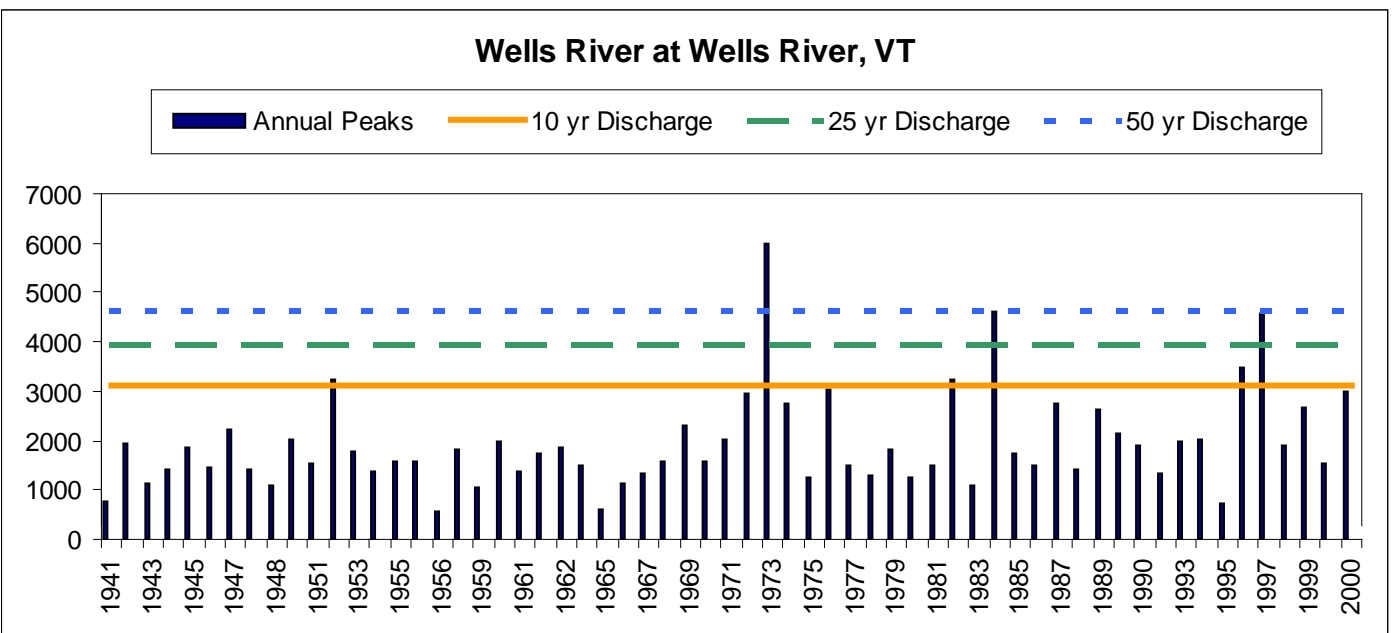
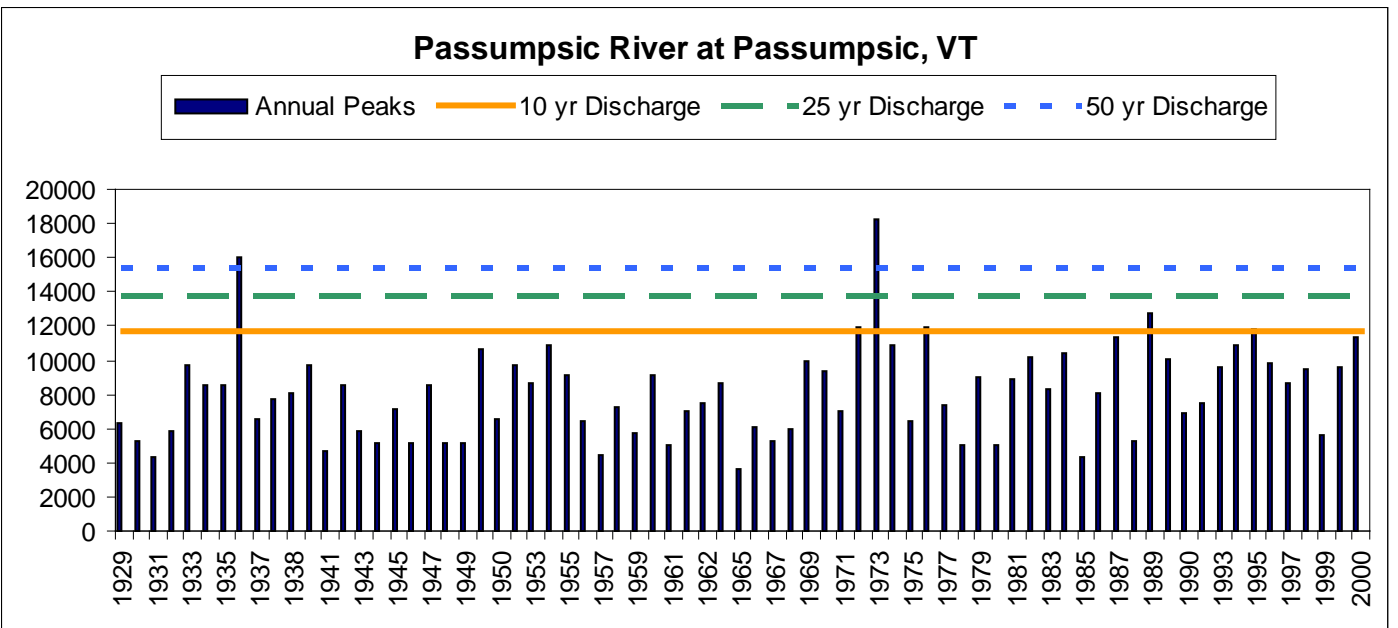
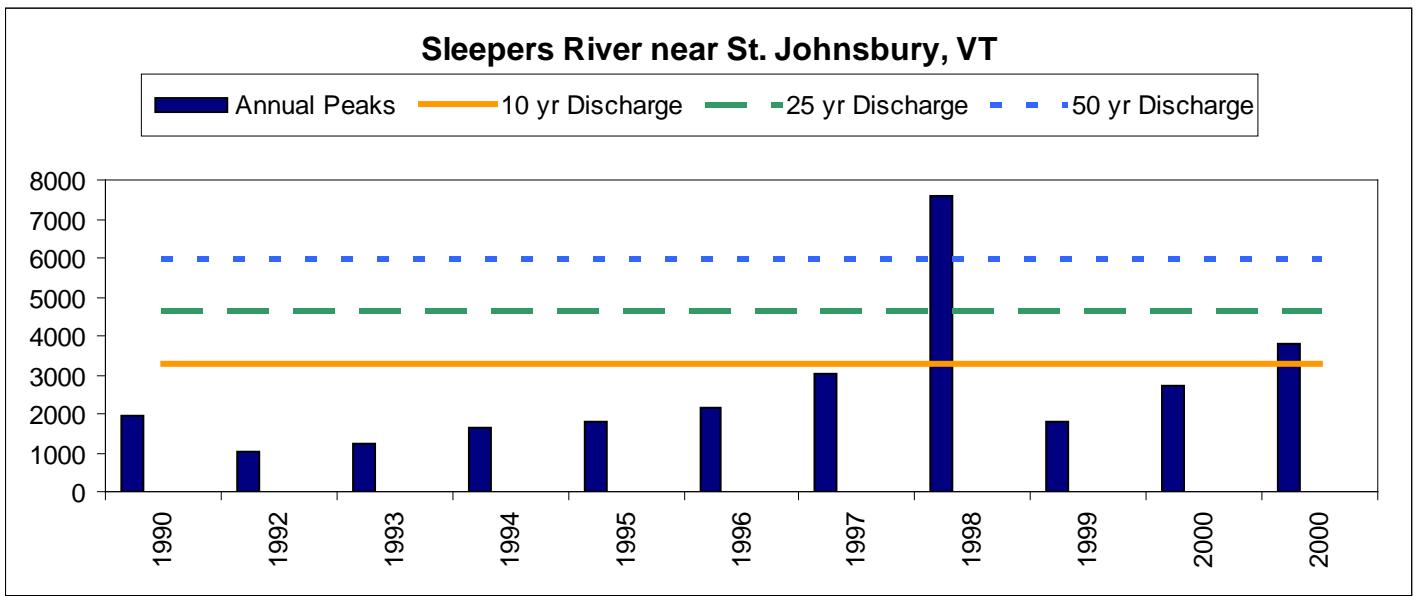


Pope Brook Near Danville, VT

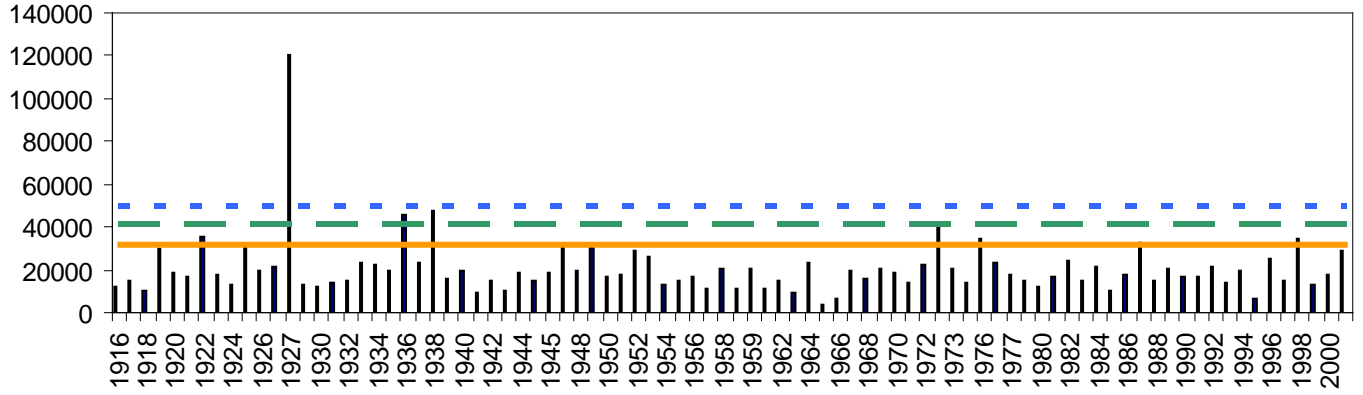
Annual Peaks 10 yr Discharge 25 yr Discharge 50 yr Discharge



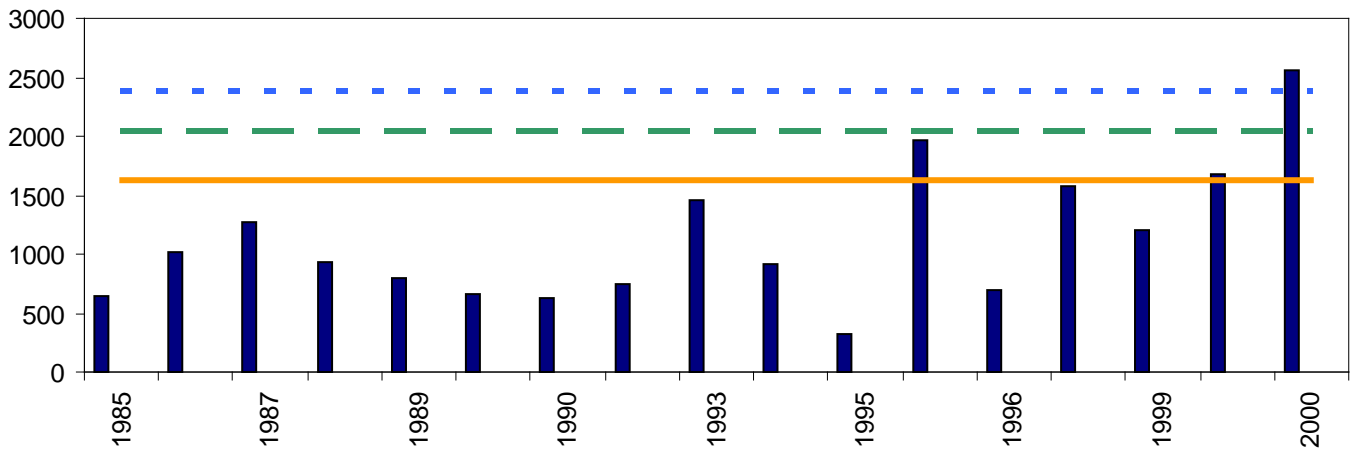




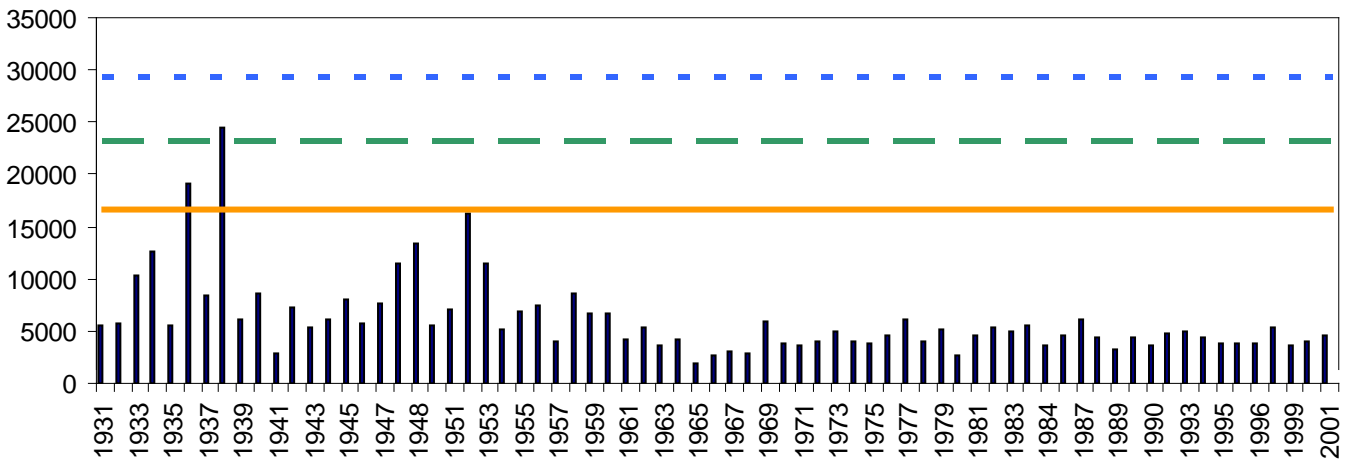
White River at West Hartford, VT



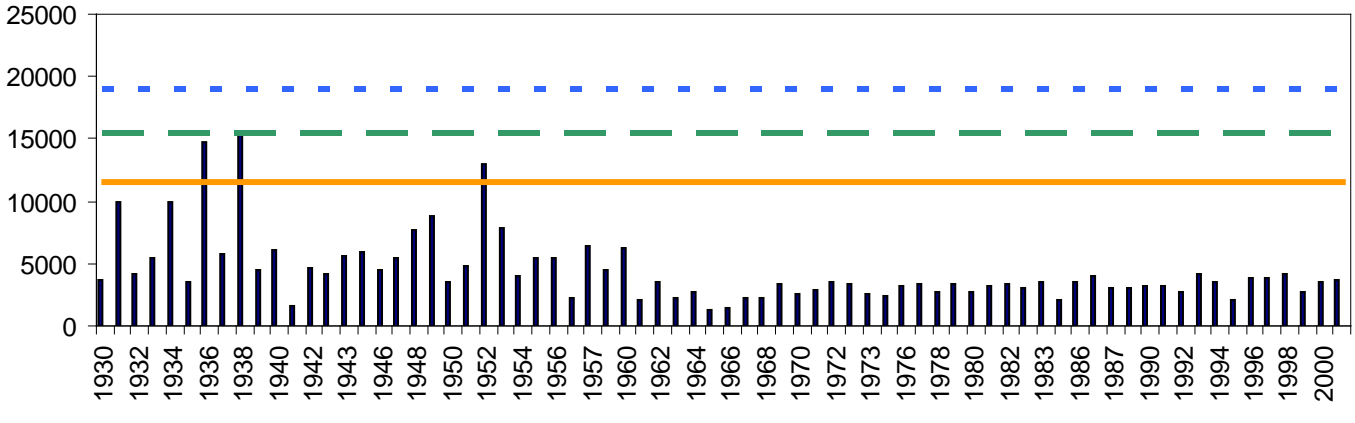
Ottauquechee River near West Bridgewater, VT



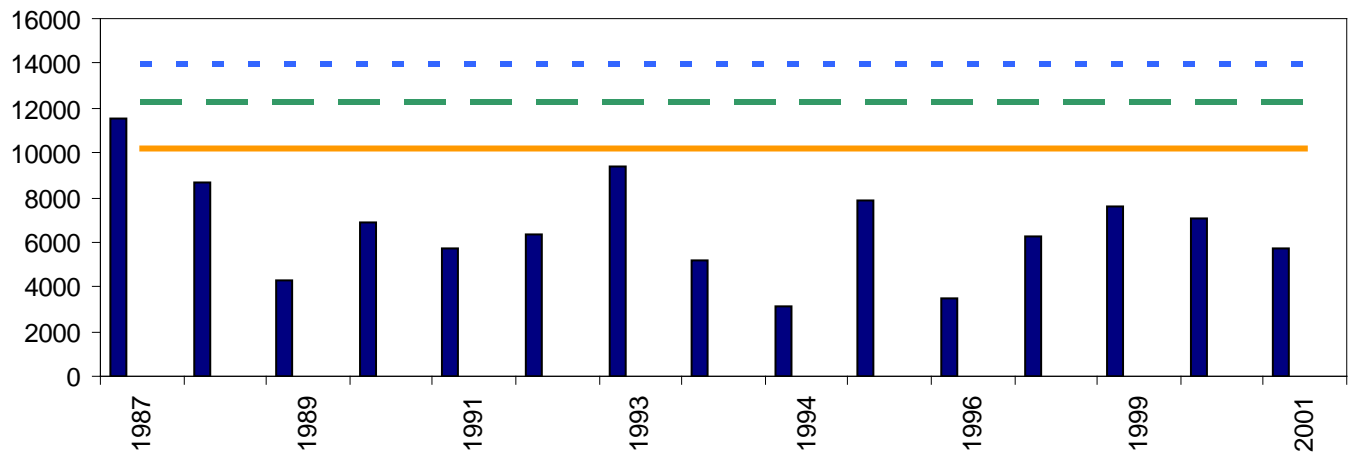
Ottauquechee River at North Hartland, VT



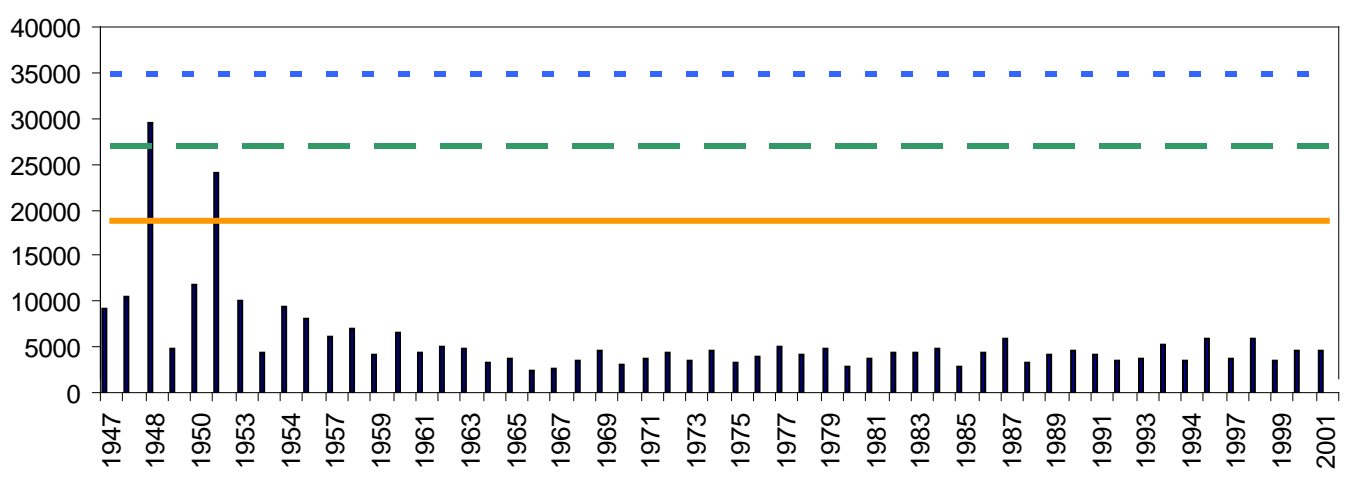
Black River at North Springfield, VT



Williams River near Rockingham, VT

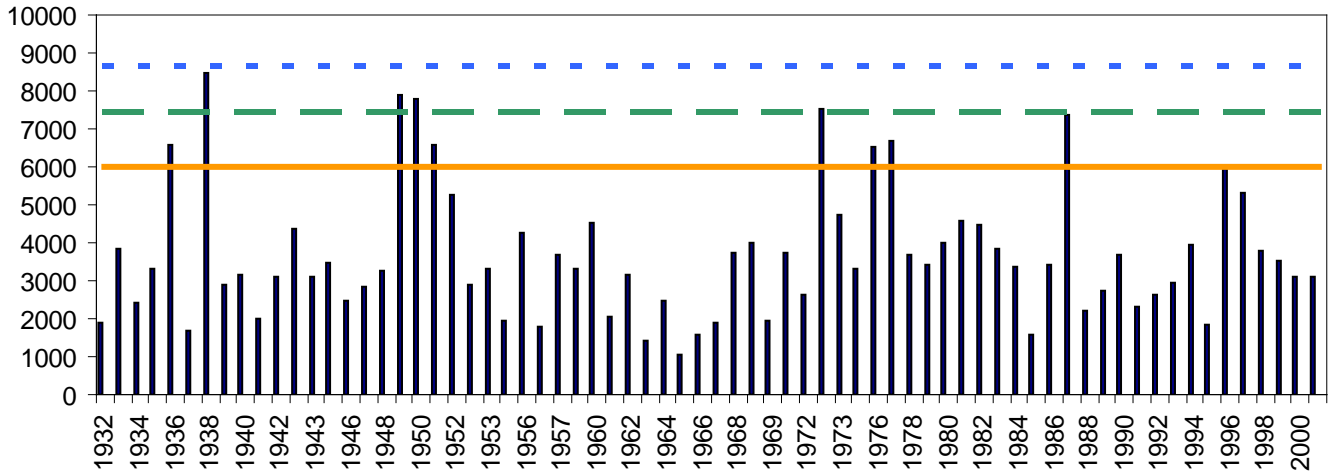


West River at Jamaica, VT



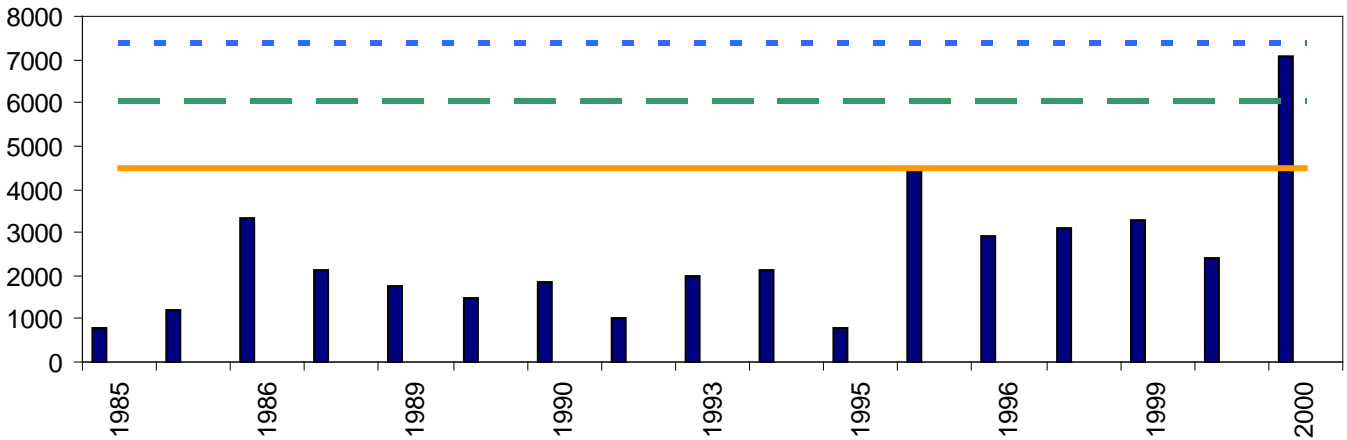
Walloomsac River near North Bennington, VT

Annual Peaks 10 yr Discharge 25 yr Discharge 50 yr Discharge



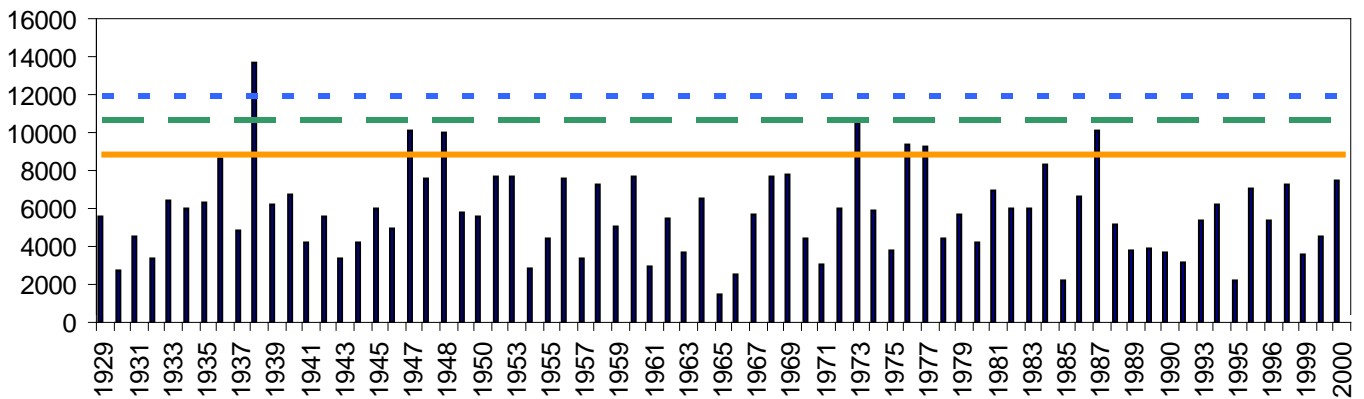
Mettawee River near Pawlet, VT

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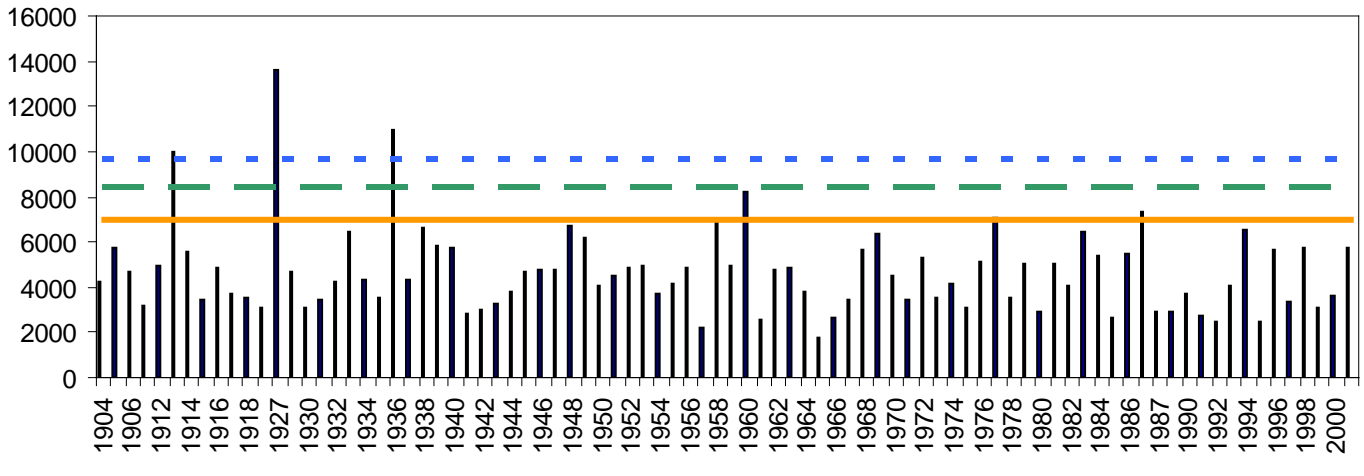
Otter Creek at Center Rutland, VT

Annual Peaks 10 yr Discharge 25 yr Discharge 50 yr Discharge



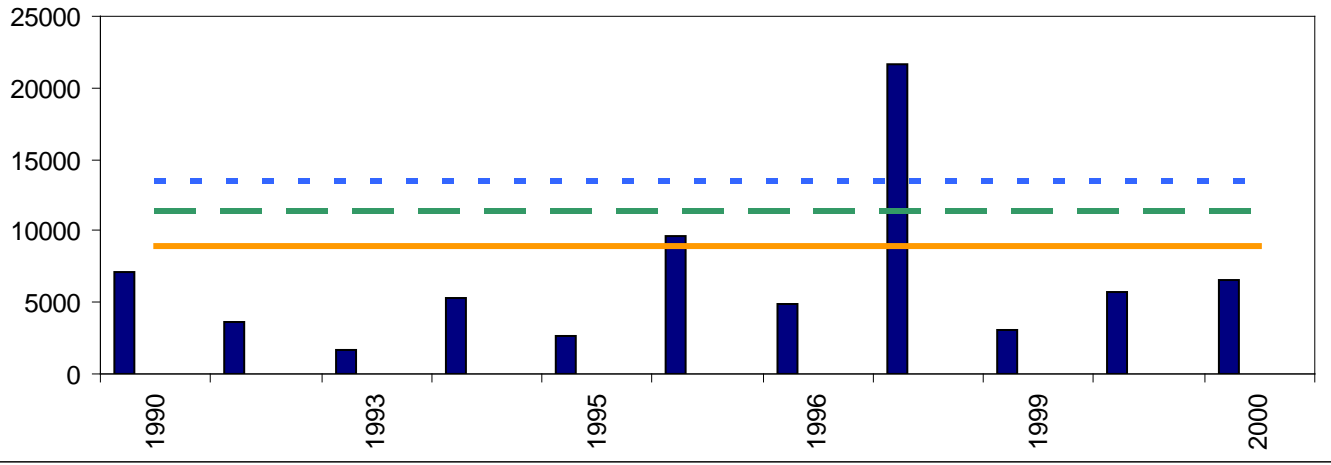
Otter Creek at Middlebury, VT

■ Annual Peaks
 — 10 yr Discharge
 - - 25 yr Discharge
 - - 50 yr Discharge



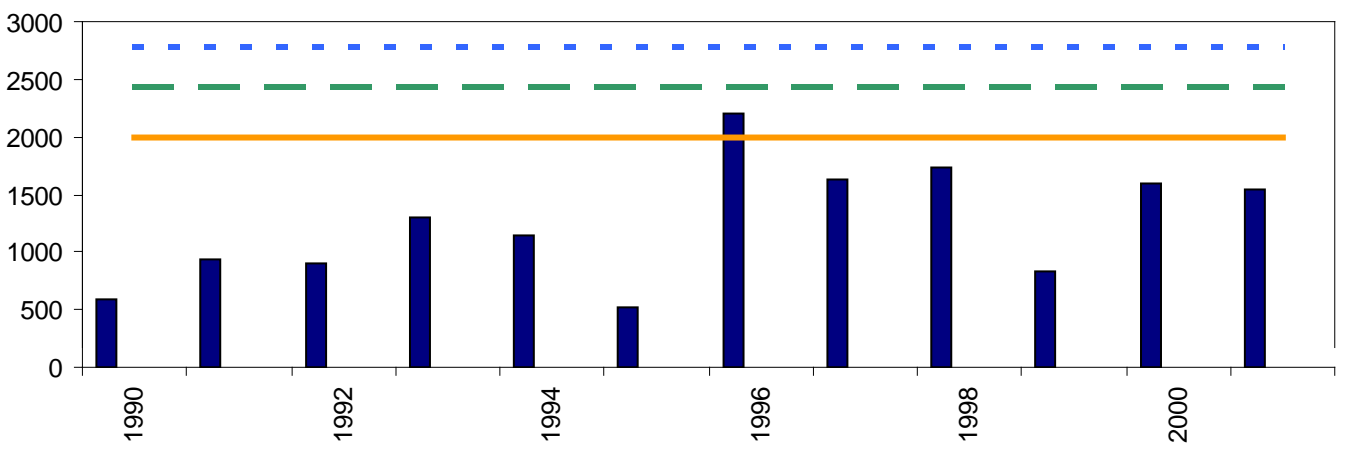
New Haven River at Brooksville near Middlebury, VT

■ Annual Peaks
 — 10 yr Discharge
 - - 25 yr Discharge
 - - 50 yr Discharge



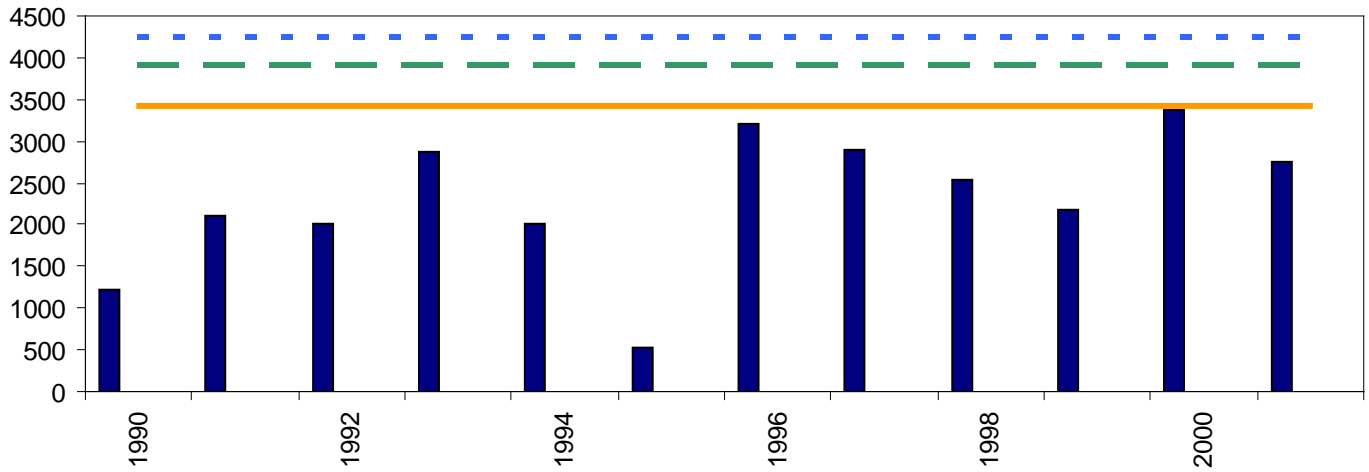
Little Otter Creek at Ferrisburg, VT

■ Annual Peaks
 — 10 yr Discharge
 - - 25 yr Discharge
 - - 50 yr Discharge



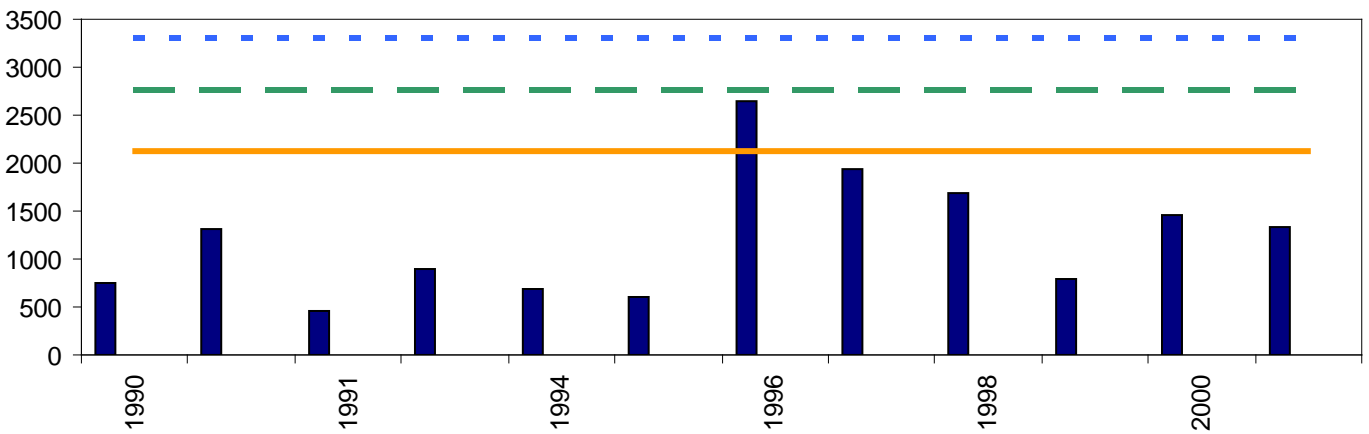
Lewis Creek at North Ferrisburg, VT

■ Annual Peaks
 — 10 yr Discharge
 - - - 25 yr Discharge
 - - - 50 yr Discharge



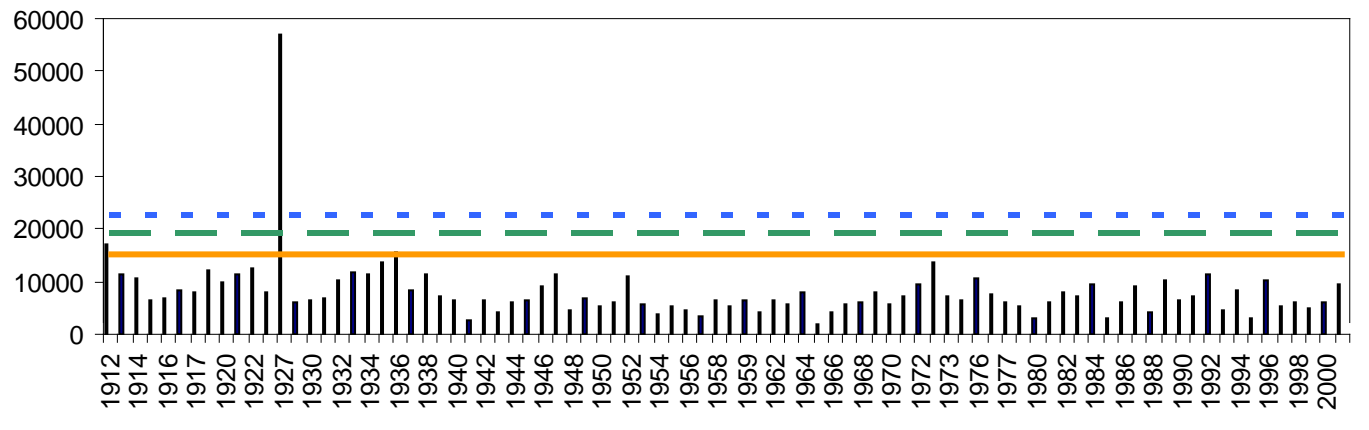
Laplatte River at Shelburne Falls, VT

■ Annual Peaks
 — 10 yr Discharge
 - - - 25 yr Discharge
 - - - 50 yr Discharge



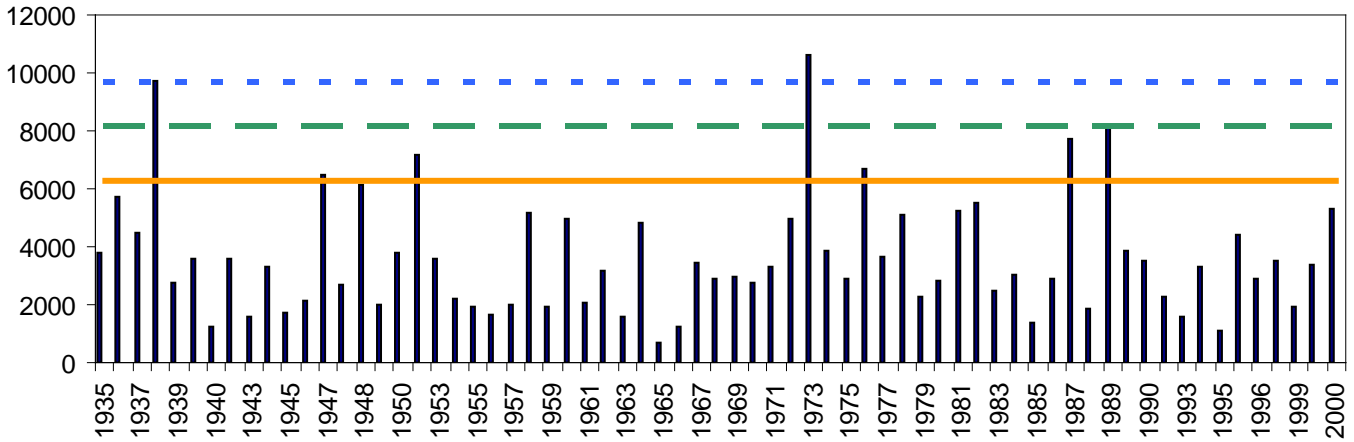
Winooski River at Montpelier, VT

■ Annual Peaks
 — 10 yr Discharge
 - - - 25 yr Discharge
 - - - 50 yr Discharge



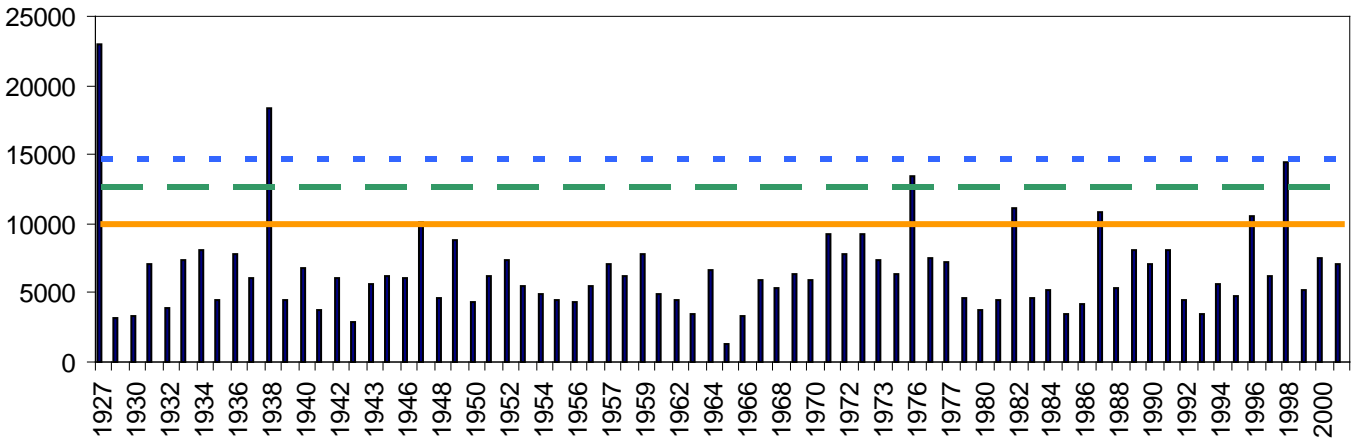
Dog River at Northfield Falls, VT

Annual Peaks 10 yr Discharge 25 yr Discharge 50 yr Discharge



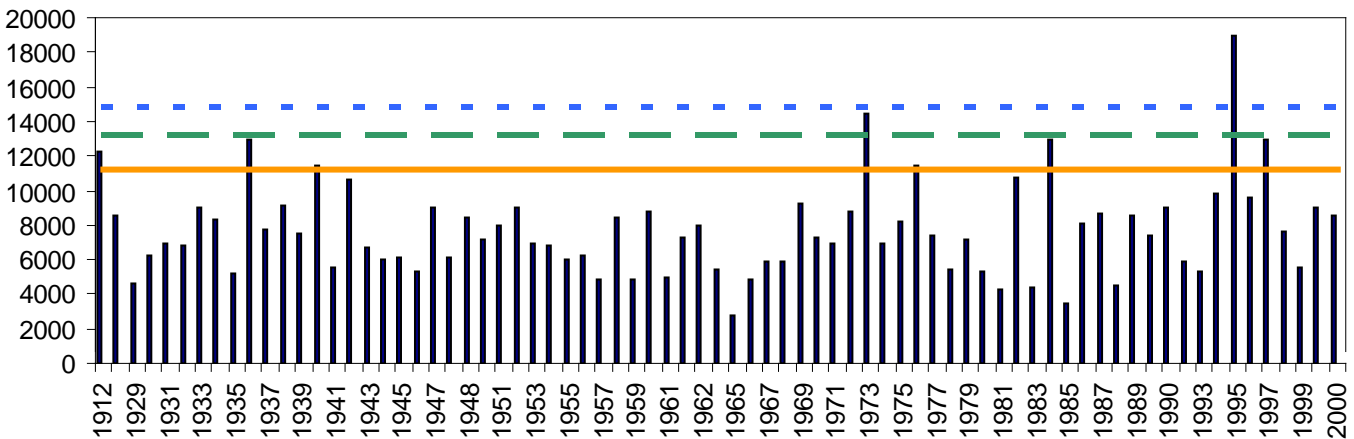
Mad River near Moretown, VT

Annual Peaks 10 yr Discharge 25 yr Discharge 50 yr Discharge

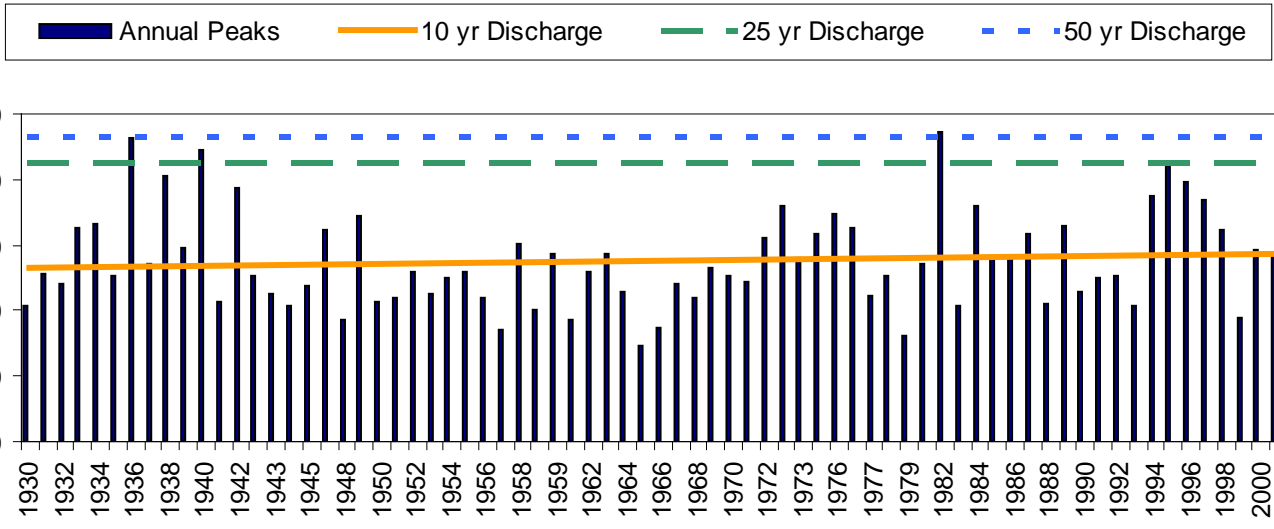


Lamoille River at Johnson, VT

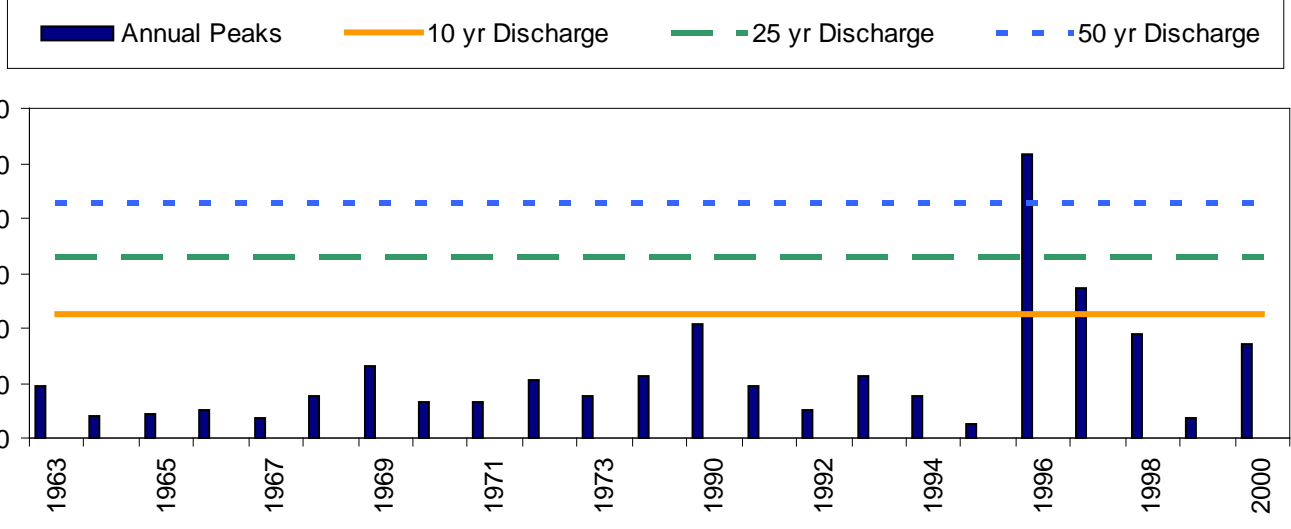
Annual Peaks 10 yr Discharge 25 yr Discharge 50 yr Discharge



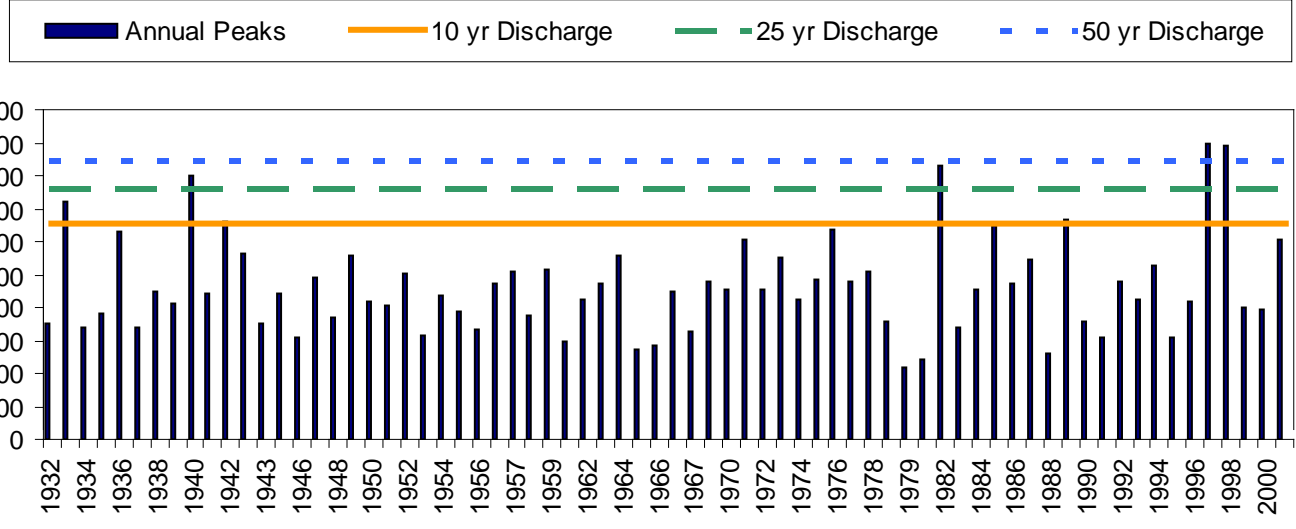
Lamoille River at East Georgia



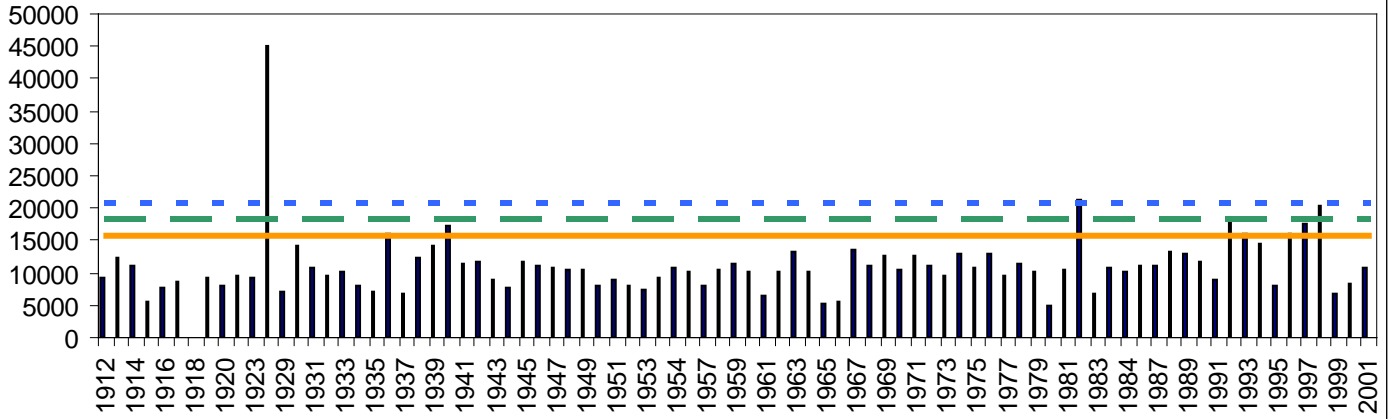
Stone Bridge Brook near Georgia Plains, VT



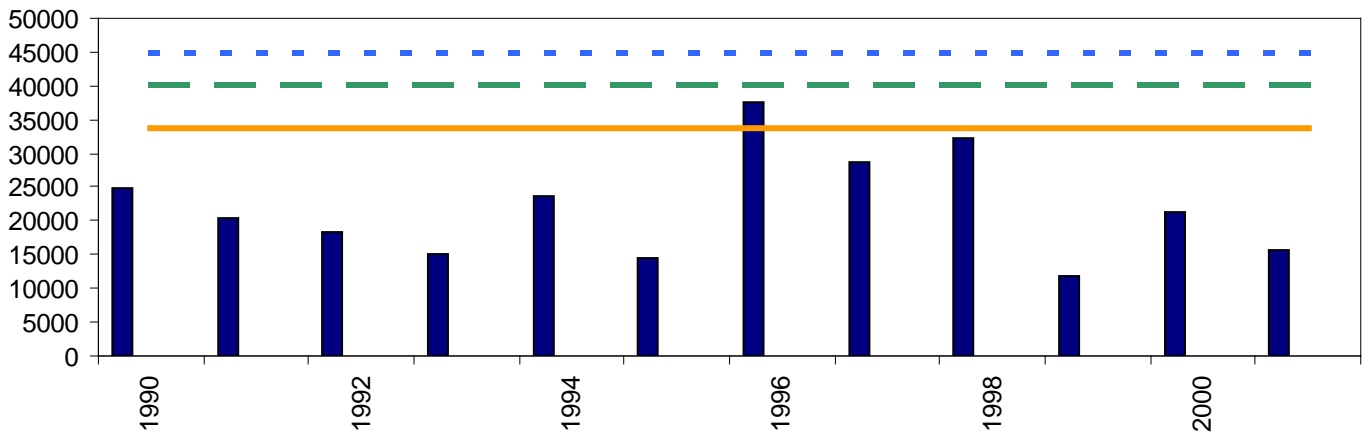
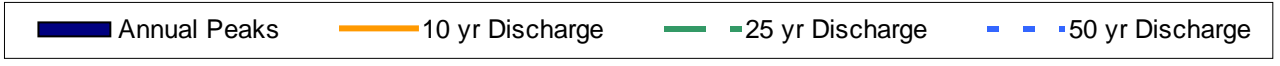
Missisquoi River near Troy, VT



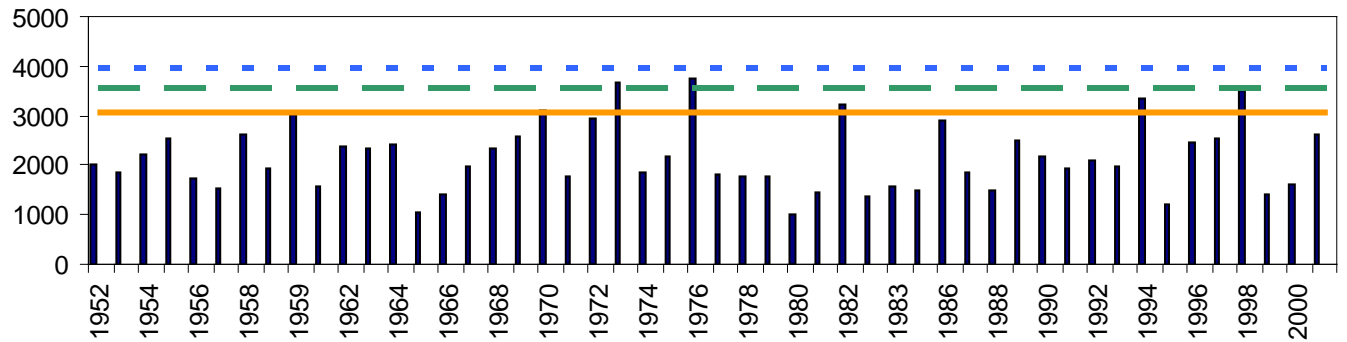
Missisquoi River near East Berkshire, VT



Missisquoi River at Swanton



Black River at Coventry, VT



Web page links to Vermont Hydrology Data

Use the following web sites to obtain other facts and data related to the hydrology of Vermont rivers and streams:

Vermont River Gages

<http://waterdata.usgs.gov/vt/nwis/sw>

Interactive Climate Map for the State of Vermont

http://academics.smcvt.edu/vtgeographic/textbook/map_images/Vermont_map_precipitation.htm

Flow Frequency Characteristics of Vermont Streams

<http://pubs.water.usgs.gov/ofr02494/>