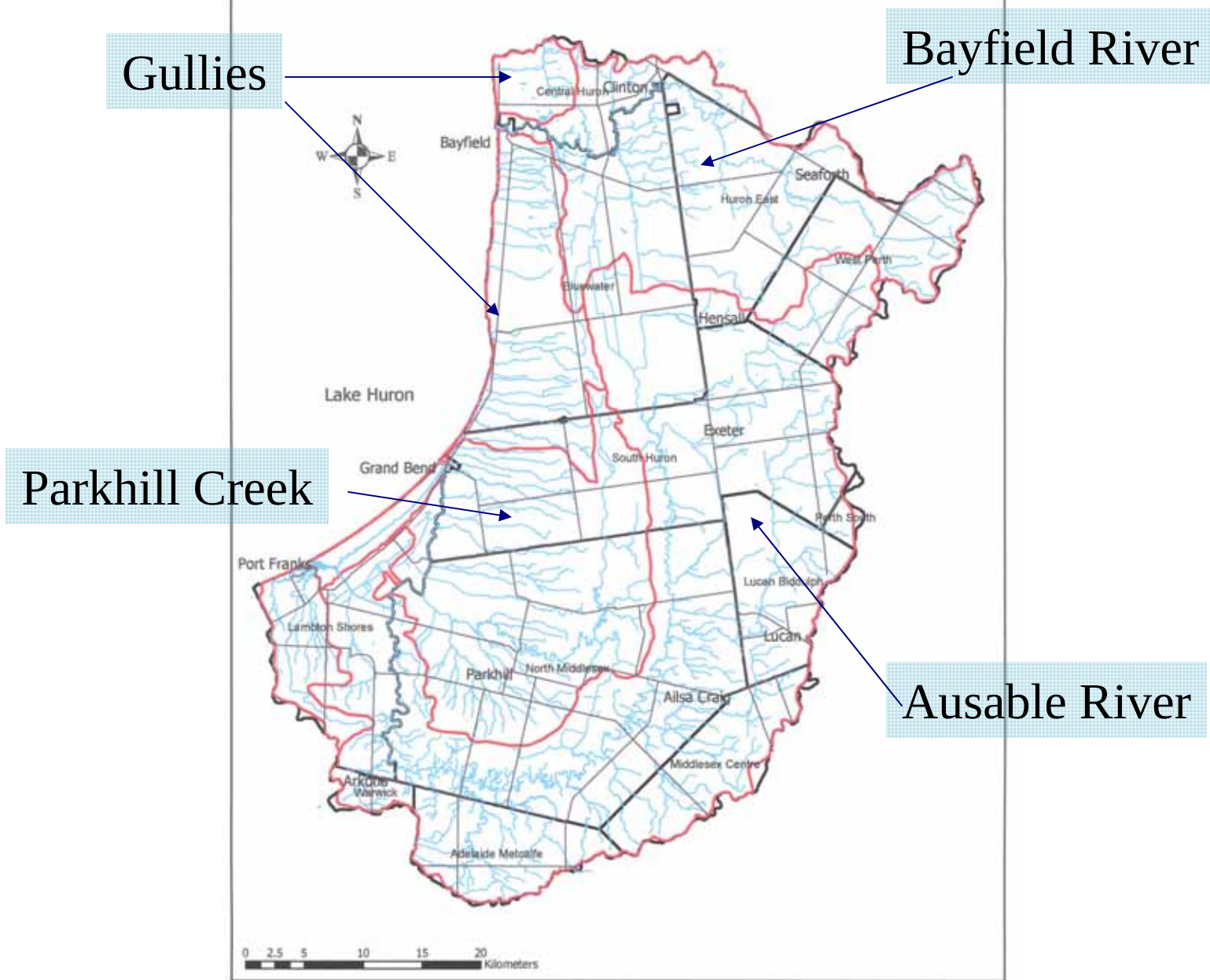


ABCA Water Quantity Monitoring Networks

Conservation Strategy Meeting
February 2, 2011



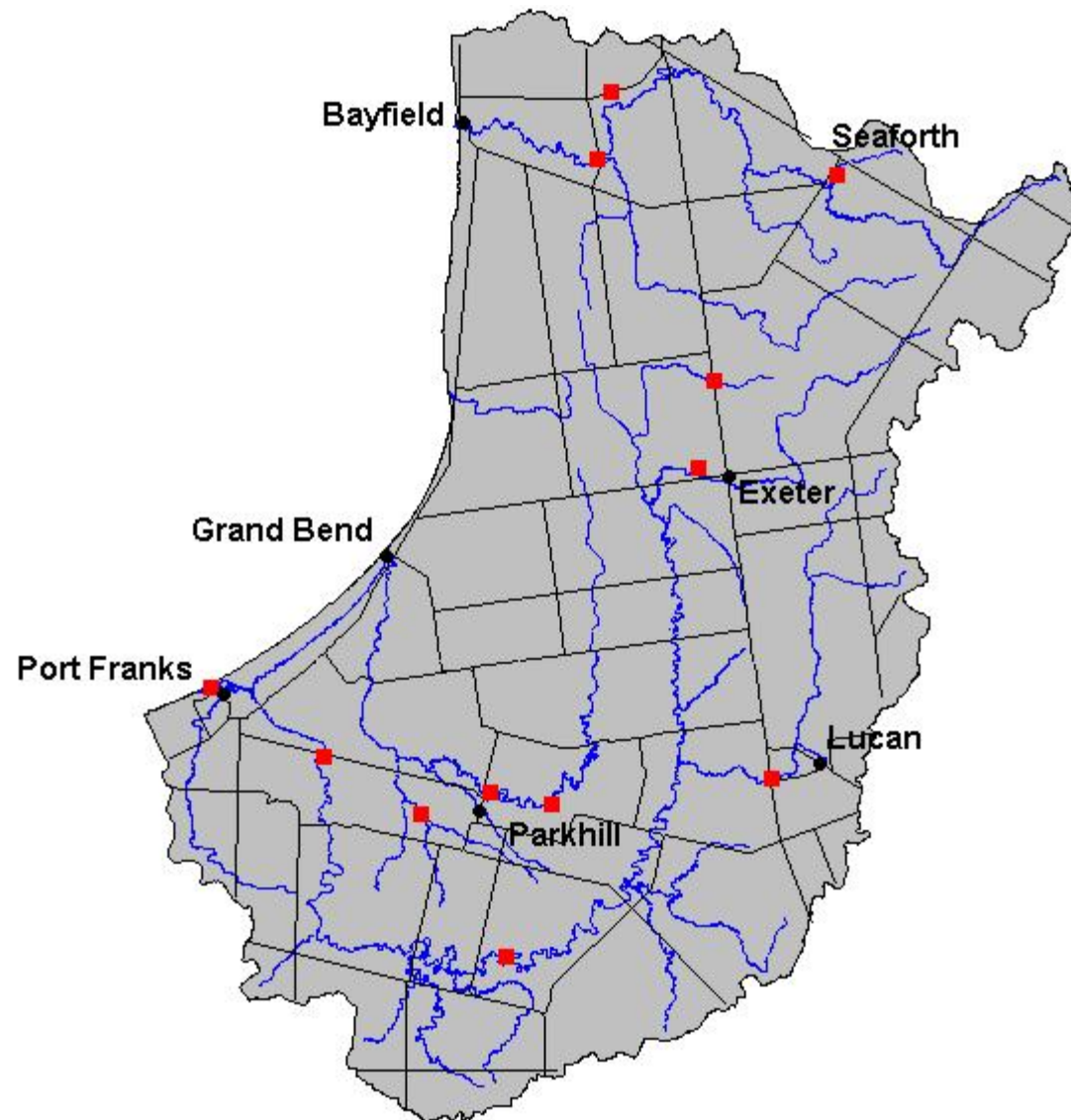
Ausable Bayfield Conservation Authority



Stream Gauge Shelter – Black Creek



Stream Gauge Locations



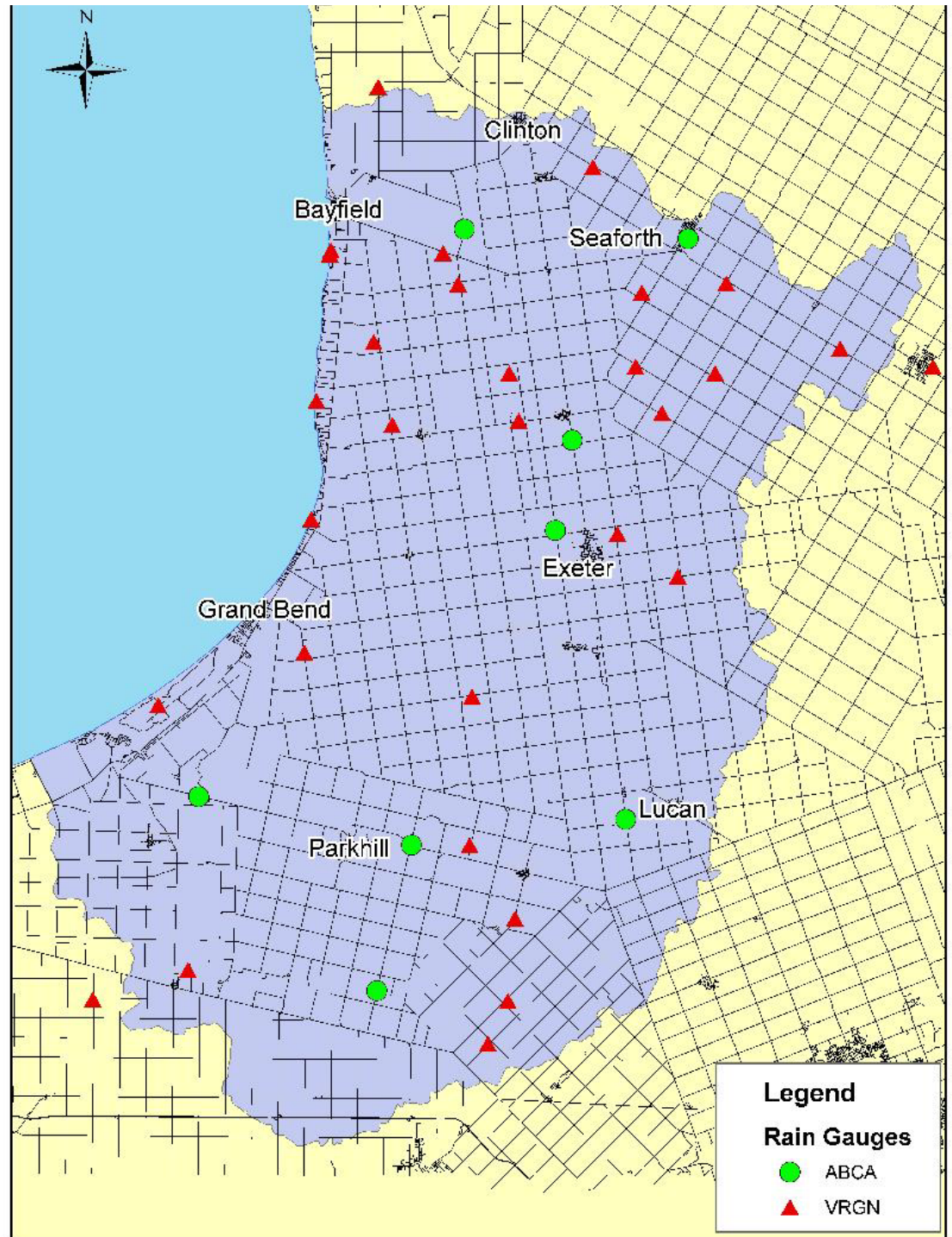
ABCA Meteorological/ Environmental Data Network

- At Stream Gauge Locations
 - Precipitation
 - Air Temperature
 - Water Temperature
 - Wind Speed
 - Wind Direction
 - Solar Radiation

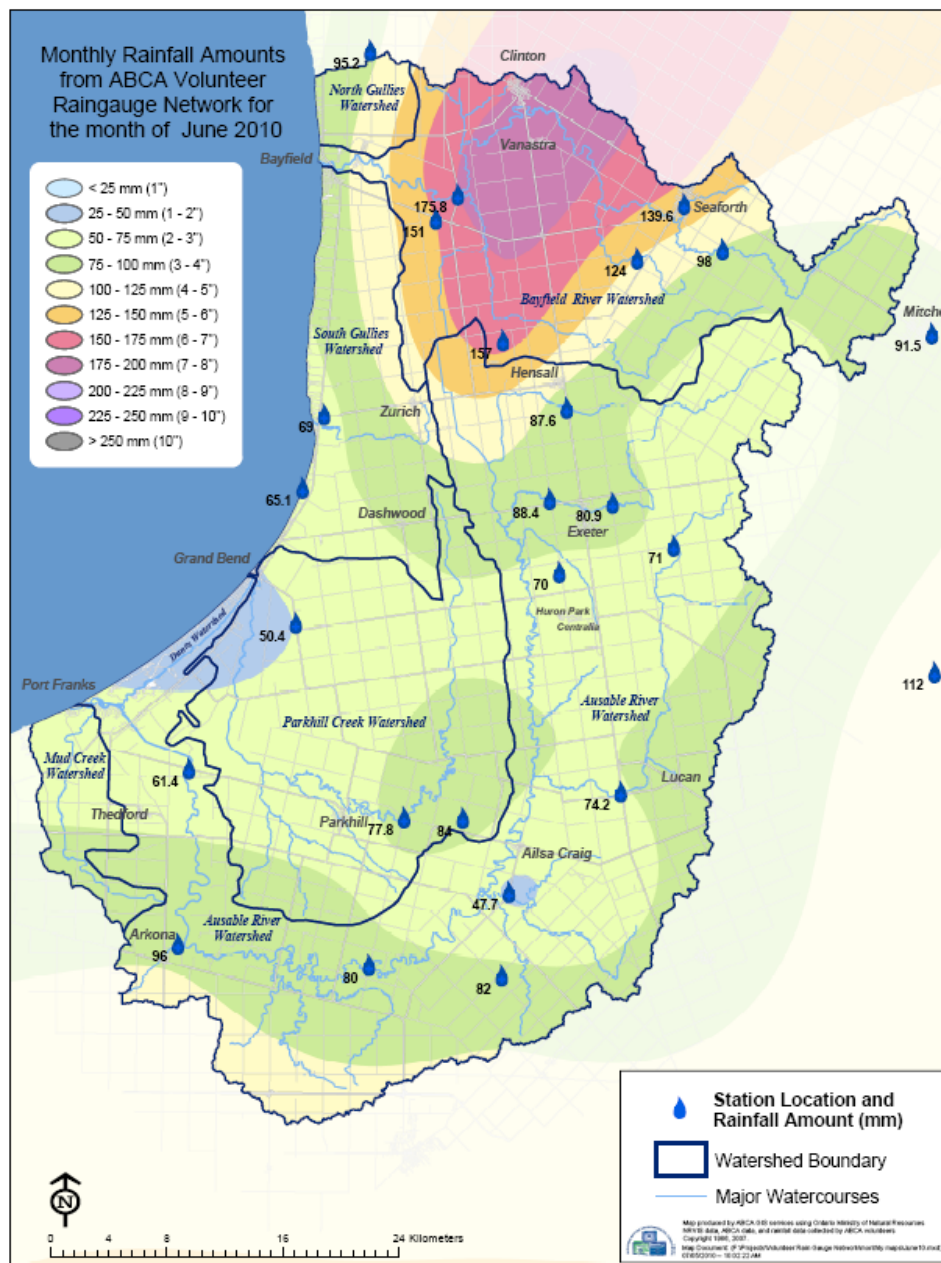


ABCA Stream Gauges Precipitation

Including data from
the VRGN



Monthly Rainfall Amounts
from ABCA Volunteer
Raingauge Network for
the month of June 2010

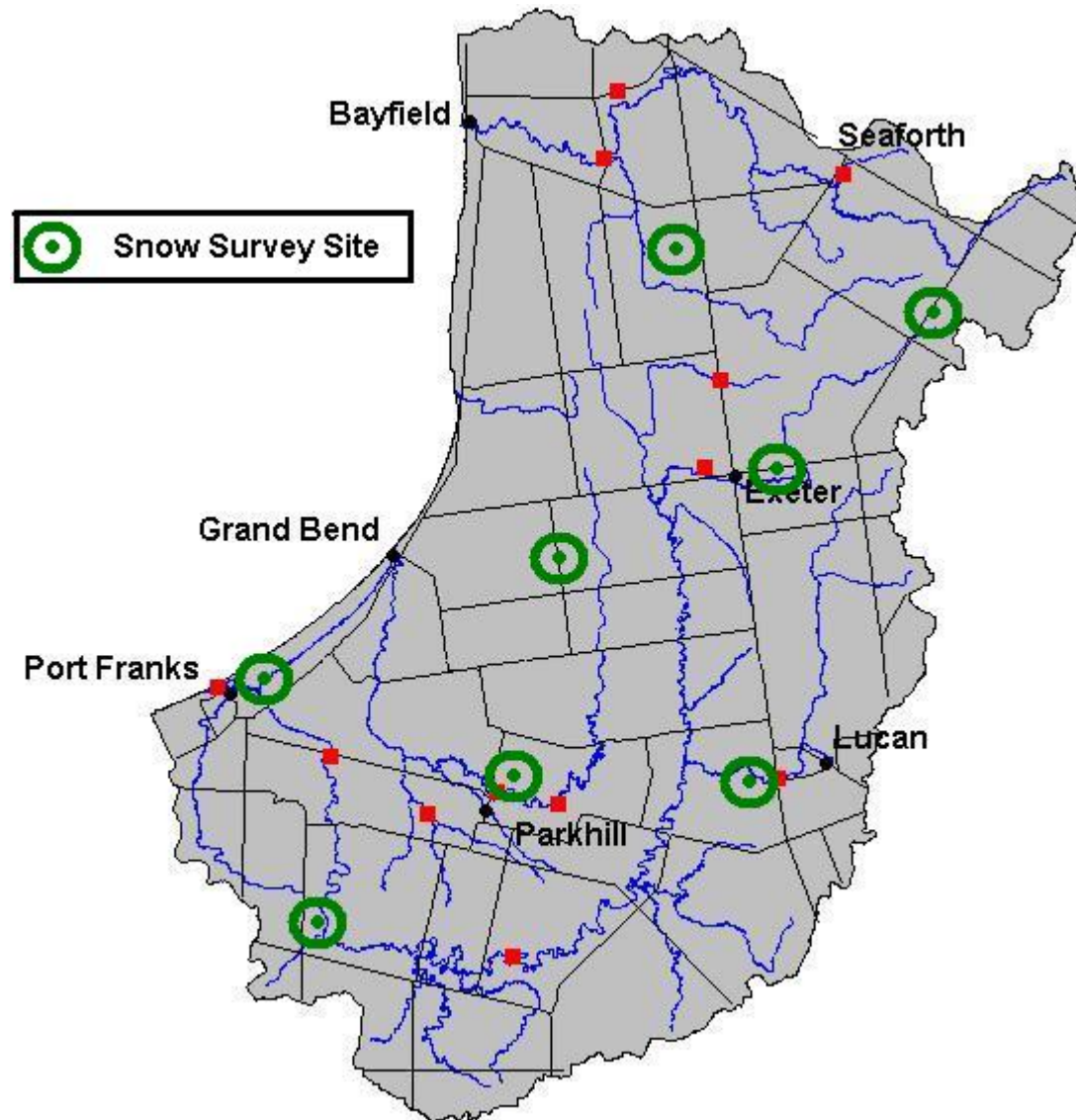


Snow Survey

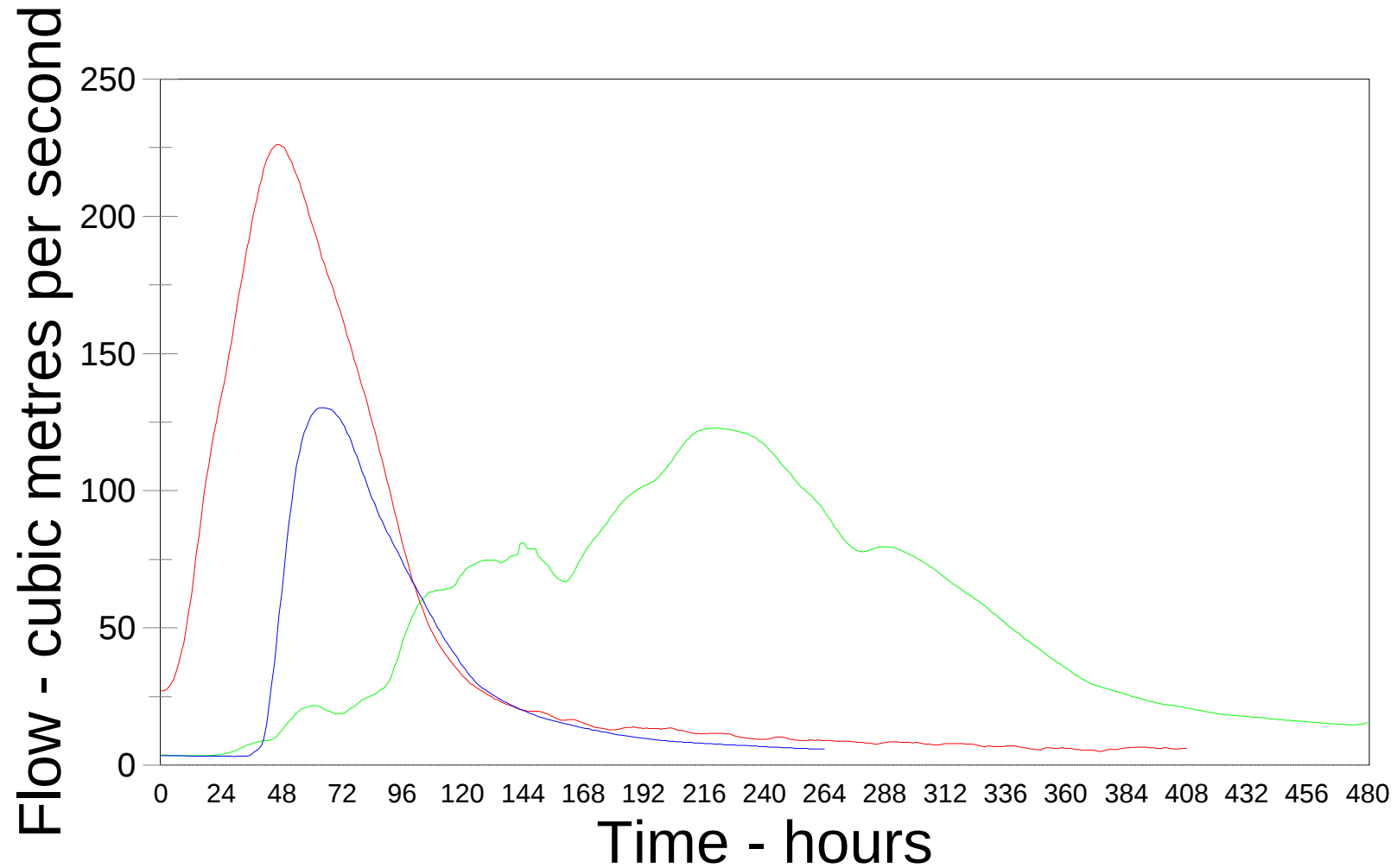
- November to May
- Eight (8) Locations
- ABCA reports data to MNR
- MNR and ABCA analyze and interpret data



Snow Survey Locations

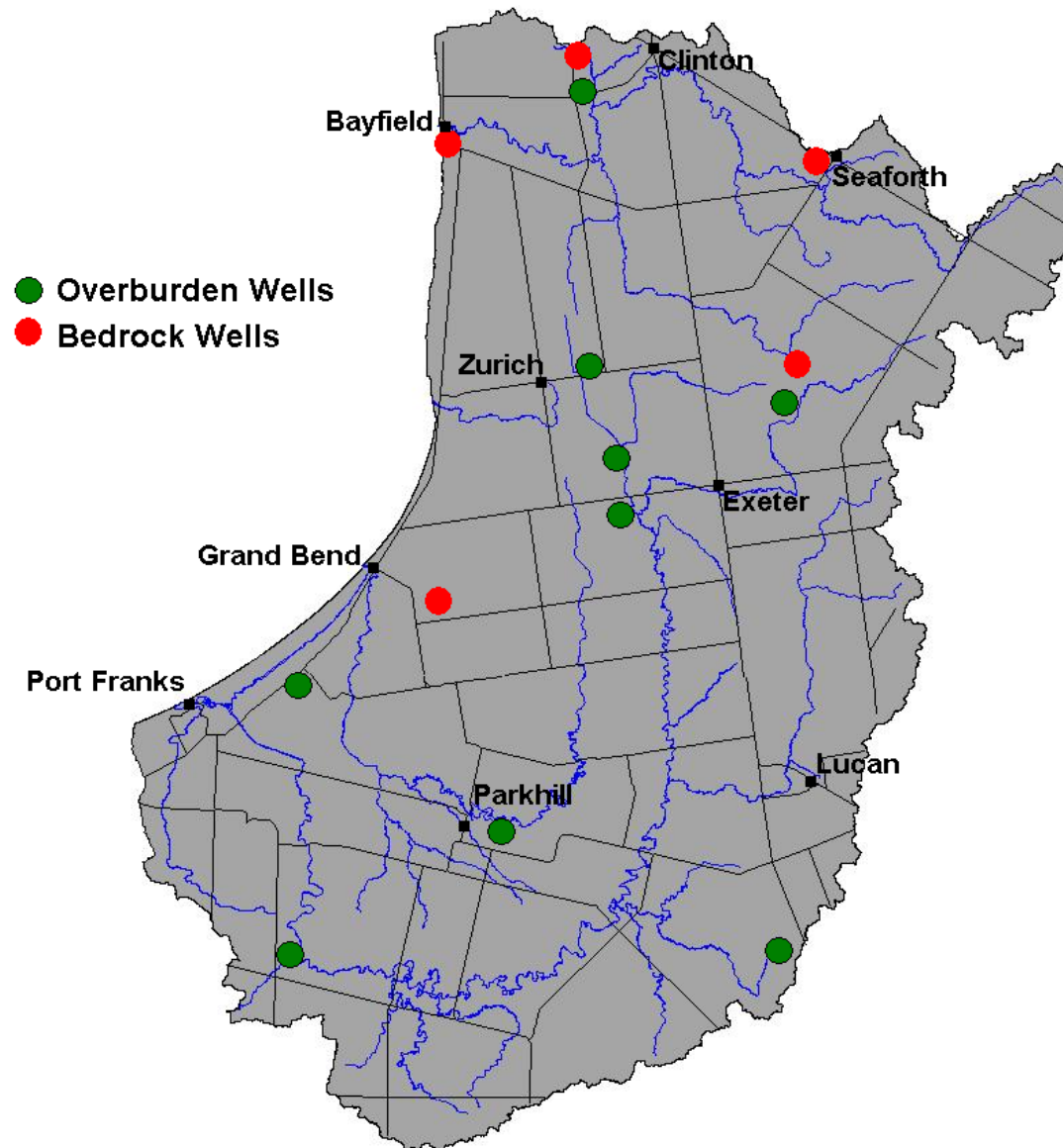


Springbank Gauge Flows

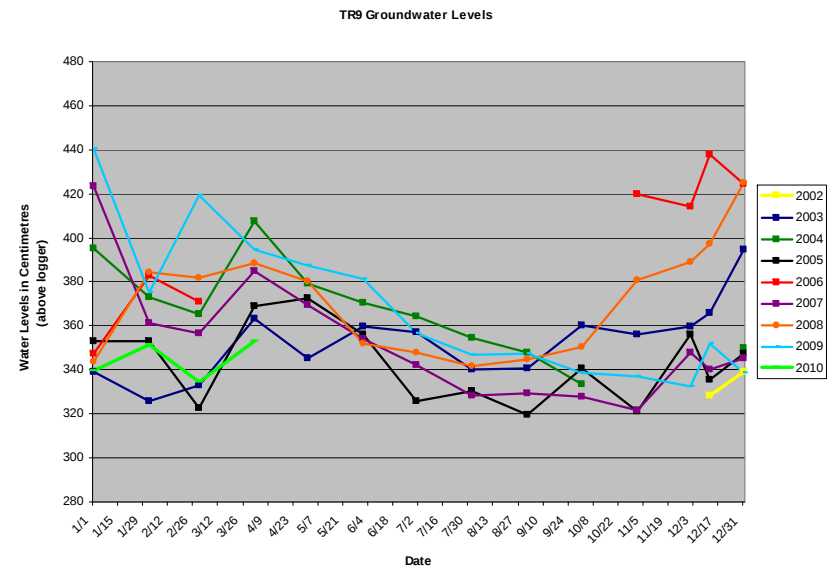


— Rain and Snowmelt Jan /93 — Snow melt Feb-Mar /93
— Rainfall Apr /00

Provincial Groundwater Monitoring Network (PGMN) Wells



Groundwater monitoring



Lake Huron - Michigan Monthly Waterlevels 1918 to 2010

