

Community Vulnerability Assessment of Cabri and Stewart Valley



Stewart Valley
(Source: Internet, Sask. Archives)



Cabri
(Caption: Bruce Morito)

Current Stresses (Exposure)

Economic

- Lack of employment opportunities
- Lack of demographic resources to sustain economy
- Lack of economic activity
- High input costs**
- Lack of access to capital

Social

- Lack of demographic resources and economic activity to support infrastructure**
- Lack of sports and recreational programs
- Fading social support network

... Stresses (Exposure)

Environmental

- Climate (warming winters and extreme unpredictable variability)
- Droughts (1988, 2001, 2002)
- Water quality and shortage (Cabri)
- Erosion
- Floods

Institutional

- Inadequate coverage and returns from crop and hail insurance
- High insurance premiums
- Strict water regulations
- Poor inter/intra-institutional communication
- Poor communal needs assessment from institutions.

Current Adaptive Strategies

Water Management

- Water scheduling policy
- Haul water from wells in the RM
- Fill dugouts and spray tanks from the creeks, rivers, and lakes
- Low-level pumping system project
- Buy bottled water, recycle previously used water
- Water quality testing

Financial

- Crop and hail insurance
- Move to larger centers to find secondary income
- Find employment in the oil and gas industry for the winter months
- Substitute low-value high-yield crops for high-value low-yield crops

... continue Current Adaptive Strategies

Technology

- Practice continue cropping over summer fallowing
- Practice air seeding over tillage for seeding purposes
- Spray crops rather than till for weeds

Social

- Communal crop spraying
- Community social support networks
- Communal pressure for policy enforcement

... continue Current Adaptive Strategies

External institutions

- Canadian Wheat Board
- Saskatchewan Agriculture
- Prairie Farm Rehabilitation Administration

Internal institutions

- Public Works
- Water Committee
- Recreational Institutions - golf course, hunting, fishing etc.

Future Stresses (exposures)

- Increase in water scarcities
- More frequent droughts
- Increased risk in fire hazards
- Lack of demographic resources
- Lack of economic activity
- Tourism industry
- Institutional interference
- Out-migration trends

Future Adaptive Strategies

- Cooperative farming
- Farming as a corporate business venture
- Diversification of crops
- Diversification of markets
- Tourism industry