



Saskatchewan Drought Activities

Saskatchewan Watershed Authority

Drought Research Initiative

May 12-14, 2010

Winnipeg

Outline

- Operational drought planning in SK
- Complementary activities
- Potential research needs

Drought Planning in Saskatchewan

- Sk Ministry of Agriculture
 - Agriculture Drought Monitoring Committee
 - Members from MoA, SWA, SK Crop Ins Corp, AESB, MoEnv
 - Weekly conference calls during drought
 - Advise MoA and Minister of agricultural drought status
 - Considering report prepared on drought indices

Drought Planning in Saskatchewan

- SWA proposal for Hydrologic Drought Risk Management Plan for Saskatchewan
 - Mitigation, Preparation, Response, Recovery
 - Self reliance till coping capacity exceeded
 - Planning process
 - Task Force
 - Monitoring committee
 - Vulnerability and response assessment committee

Complementary Activities

- SWA – Water Availability Study
- Watershed Planning
- Plan implementation including drought preparedness assessment
- Evaluation of drought and excessive moisture indices
- Western Water Stewardship Council
- Prairie Provinces Water Board examination of the Master Agreement for drought resiliency

Complementary Activities (con't)

- AAFC- AESB – support for drought preparedness planning, Drought Watch
- NIDIS – GEO – test beds, drought definition, index testing
- Natural Resources Canada – Prairie Regional Adaptation Collaborative
- SWA documentation of reservoir operating plans
- DRI ...

Potential Research Needs

- Effectiveness of drought mitigation options
- Risk / Vulnerability / Coping capacity assessments
- Forecasting of drought onset, location, intensity, and duration



Questions?