



water conditions



It is, but summer months will only see a small increase in rain, which may not be enough to replace the water lost to evaporation.

# DROUGHT & DRY PERIODS - ADAPTATION OPTIONS

#### Travel & low water



- · Low water levels can make travel by boat more difficult. Consider changes like:
  - finding new water routes
  - · creating a portage around low water areas
  - · using motors made for shallow water
  - · carrying lighter loads in boats
  - traveling over land instead
- Be mindful of hazards like: newly exposed rocks (sometimes called 'reefs') or logs, soft/muddy shorelines, etc.

#### Share about water conservation



- · Inform the community of drought or low water conditions and encourage water conservation when needed.
- · Raise awareness about water conservation and how it can be done in the community (fix leaky taps/toilets, collect rainwater for gardens, etc.).

# Monitor water levels



- · Set up a program to monitor water levels or use existing programs like the Low Water conditions Map from Ontario's Surface Water Monitoring Centre.
- · In some cases, low water could impact hydro-electric power generation. If this applies in your area, you may want to plan for power outages.

### Drought impact assessment (3)



- · Find out what areas of the community might be impacted by drought conditions and how community members might be affected.
- · Changing drinking water quality, dusty roads leading to breathing problems, lack of water for gardens or harvested foods, are all examples of drought impacts.
- · Have a community plan to lessen the impact of drought on people and the community.

#### Monitor for drought conditions



- · Monitor for drought conditions in your area and have a plan in place for dealing with drought conditions (called a drought response plan).
- · Drought monitoring can be done with programs like Canadian Drought Monitor.
- · Communities may want to create their own drought monitoring program.

### Monitor/protect important habitat



- · Monitor and/or put measures in place to protect important habitats that can be impacted by dry conditions and low water.
- This could include wetlands, wild rice beds. fish spawning grounds, fish migration routes, shoreline areas, etc.

### Control dust on roads



- · Hot, dry weather can cause excessive dust on gravel roads, leading to breathing issues for some in the community.
- · To limit dust on community roads: limit traffic, encourage lower speeds, change road building materials, water roads or apply eco-friendly dust suppression products.

### Assess drinking water systems



- · Low water levels can put drinking water quality at risk.
- · Monitor drinking water sources for problems related to low water like algae growth, higher contaminate levels, issues with intake pipes, dry wells, etc.
- · Determine if your drinking water system will work well in drought and low water conditions with a vulnerability assessment.
- · Have a plan to supply emergency drinking water if needed.

#### Monitor/protect important plants & animals



· Monitor and/or put measures in place to protect important plant or animal species that could be impacted by drought and dry periods.





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