

Ice On/Ice Off Data Collection Sheet

Observer: _____

Lake: _____

MWLAP Monitoring Site #: _____

Date (dd-mm-yyyy)	Stage (F0-F3 or B0-B4)	Comments
<i>E.g. 29-Nov-2012</i>	<i>F2</i>	<i>Lake mostly frozen, with some open areas in the center</i>

- Freeze-up**
- F0 – No ice formation
 - F1 – Ice formation on shore
 - F2 – Ice cover on bays
 - F3 – Lake Completely Frozen**

- Break-up**
- B0 – No signs of break-up
 - B1 – Open water on shore
 - B2 – Open water offshore
 - B3 – Ice in movement
 - B4 – Lake Ice Free**

Sampling Protocol

1. Establish a consistent observation point on the lake.
 - Try to pick a point that is easy to access and which gives you a good overall view of the lake, or a particular region of the lake.
2. When it starts to approach the freezing season of the lake, go out to your observation point as often as possible. Record the quality of the lake according to the types listed above (F0-F4)¹. The most important date to record is the first day the lake is **completely frozen (F3)**.
3. When it starts to approach the melting season of the lake, go out to your observation point as often as possible. Record the quality of the lake according to the types listed above (B0-B4)¹. The most important date to record is the first day the lake is **ice free (B4)**.
4. If possible, take photographs of the lake each time you visit your observation point.
5. Submit your completed data sheets and photographs to the BCLSS office at:

BC Lake Stewardship Society
1257 Erskine Street
Coquitlam, BC, V3B 6R3
Phone: 604-474-2441
Toll-free: 1-877-BCLAKES
info@bclss.org

¹ Classification method based on ITEX, International Tundra Experiment, protocol.