



### Observed Damage

1. Complete Windthrow Field Card Assessment Pages A and B in a nearby 2–5 year old cutblock on a High Treatment Risk Boundary.
2. Record initial evaluation of windthrow from Assessment Card Page B.

### Initial Evaluation (from Assessment Card Page B):

	Very High	High	Moderate	Low	None
Topographic Hazard	•	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	•
Soil Hazard	•	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	•
Stand Hazard	•	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	•
Biophysical Hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	•
Treatment Risk	•	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Windthrow Risk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Calibration of Windthrow Risk Classification

3. Record observed damage on calibration boundary.

#### Trees Damaged (%):

First Tree Length	<input type="checkbox"/> >70	<input type="checkbox"/> 10–70	<input type="checkbox"/> <10
Second Tree Length	<input type="checkbox"/> >70	<input type="checkbox"/> 10–70	<input type="checkbox"/> <10
Third Tree Length	<input type="checkbox"/> >70	<input type="checkbox"/> 10–70	<input type="checkbox"/> <10
Describe Damage:	<input type="checkbox"/> Extensive	<input type="checkbox"/> Partial	<input type="checkbox"/> Minimal <input type="checkbox"/> None

#### Characteristics of Downed Trees:

Size (compared to mean tree)	<input type="checkbox"/> Same	<input type="checkbox"/> Smaller	<input type="checkbox"/> Larger
Species Composition	<input type="checkbox"/> Same	<input type="checkbox"/> Different: (describe) _____	
Rot (compared to average in stand)	<input type="checkbox"/> Same	<input type="checkbox"/> Less	<input type="checkbox"/> More

4. Look up the expected level of damage for your initial Windthrow Risk Class on Reference Page B, and compare with actual damage recorded above.

**Diagnostic question:** Is the level of damage observed along the calibration boundary consistent with that predicted for the estimated class of Windthrow Risk? (See top of Reference Page B)

If	Action
Yes, damage is consistent with expected level. <input type="checkbox"/>	Use the values for topographic, soils, and stand indicators to identify threshold values for high, moderate, and low hazard classes for each of the Exposure, Soils, and Stand Hazard components.
No, there is less damage. <input type="checkbox"/>	Consider which of the component hazards (Exposure, Soils, or Stand) might have been rated too highly. Reduce the rating and raise the hazard class thresholds accordingly.
No, there is more damage. <input type="checkbox"/>	Consider which of the component hazard (Exposure, Soils, or Stand) might have been rated too low. Increase the rating and decrease the hazard class thresholds accordingly.

5. Use the revised thresholds for classifying Soils, Topographic and Stand Hazards for nearby areas.

**Summary of Management Objectives and Acceptable Damage**

**Management Objectives for Outside Segment/Within Portion**

Environmental	Recreation/Visual/ Property	Timber
<input type="checkbox"/> Riparian area <input type="checkbox"/> Terrain stability area <input type="checkbox"/> Gully <input type="checkbox"/> Wildlife tree patch <input type="checkbox"/> Wildlife corridor <input type="checkbox"/> _____	<input type="checkbox"/> Recreation area <input type="checkbox"/> Visual reserve <input type="checkbox"/> Powerline <input type="checkbox"/> Structure <input type="checkbox"/> Road <input type="checkbox"/> Trail <input type="checkbox"/> Property <input type="checkbox"/> _____	<input type="checkbox"/> Value <input type="checkbox"/> Bark beetle <input type="checkbox"/> _____
<b>Acceptable amount of damage:</b> <input type="checkbox"/> None <input type="checkbox"/> Up to ____% of stems	<input type="checkbox"/> None <input type="checkbox"/> Up to ____% of stems	<input type="checkbox"/> None <input type="checkbox"/> Up to ____% of stems

**Expected Level of Damage**

Windthrow risk:	<input type="checkbox"/> High <input type="checkbox"/> Very High	<input type="checkbox"/> Moderate	<input type="checkbox"/> Low
Expected damage:	<input type="checkbox"/> Extensive	<input type="checkbox"/> Partial	<input type="checkbox"/> None-Minimal
Is this expected level Acceptable?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

**Recommended Treatment Modifications**

Recommended treatment	Comments:
<b>General:</b>	
<input type="checkbox"/> No treatment	
<input type="checkbox"/> Salvage if damage exceeds acceptable amount	
<b>For clearcuts:</b>	
<input type="checkbox"/> Adjust boundary	
<input type="checkbox"/> Feather	
<input type="checkbox"/> Top	
<input type="checkbox"/> Top-prune	
<input type="checkbox"/> Feather and top/top-prune	
<b>For partial cuts:</b>	
<input type="checkbox"/> Leave more trees	
<input type="checkbox"/> Change leave tree criteria	
<input type="checkbox"/> Other	

Comments: