2012 Aerial Overview Surveys
Kamloops TSA
Map #1 - Mountain Pine Beetle Only

121°0'0"W 120°0'0"W 119°0'0"W
53°0'0"N 52°30'0"N 52°0'0"N 51°30'0"N 51°0'0"N 50°30'0"N

Jack of Clubs
Lightning
Antler
Sandy
Cunningham
Swift
Little River
Cunningham
Little River
Matthew
Mitchell Lake
Matthew
Castle Creek
Raush River
Kiwa Creek
Southern Trench
Dave Henry
Mount Robson
Keys Lake
Victoria
Penfold
Niagara
Camp Creek
East Kinbasket
Kangaroo
Keys Lake
Gerimi
Westside
Eastside
Upper North Thompson
Kinbasket Lake
Ptarmigan
Polley
Kangaroo
Albreda
Likely
Wasko/Lynx
East Arm
Hugh Allan
West Kinbasket
Horsefly
McKay
Big Lake
Beaver Valley
Mckusky
McKay
Wells Gray
Thunder Blue
Foster Arm
Mud
Black Creek
McKinley
McKusky
Deception Mountain
Hawks Creek
Moffat
Hendrix Lake
McKinley
Spanish
Soards
Williams Lake
Deception Mountain
Avola
Spanish
Horne
Murphy Lake
Bradley Creek
Williams Lake
Hendrix Lake
Raft
Tum Tum
Chimney
108 Mile Lake
Bradley Creek
Canimred Creek
Clearwater
Mad
Liberty
Alkali
Forest Grove
Helena Lake
Canim Lake
Vavenby
Bridge Creek
Mica
Dog Creek
Bridge Lake
Hwy 24
Bridge Lake
Dunn
Cayenne
Cunningham Lake
Green Lake
Adams Lake
Seymour
Meadow Lake
Barriere
Bonaparte Lake
Big Bar
Anstey
Chasm
Deadman
Skull
Pukeashun
Clinton
Loon
East Adams
Crowfoot
TFL 33
Eagle River
Kelly Lake
GisborneNew
Louis
White
Big Bar
Battle
Hat
Tranquille
Yalakom
Salmon Arm
Hullcar
McLean
Kingfisher
Tunkwa
Greenstone
Scuitto
TFL 49C
Upper Salmon
Trinity
Fraser East
McConnell
Okanagan West Side
Fraser West
TFL 49B
Lower Nicola
Vernon
Swakum
Harris
Stein
Upper Nicola
Beak
Shorts Creek
Central North
Trepanier

Legend

2012 Polygon Infestations
- IBM, Very Severe 50-100% red attack
- IBM, Severe 30-50% red attack
- IBM, Moderate 10-30% red attack
- IBM, Light 1-10% red attack
- IBM, Trace <1% red attack
- IBM, ponderosa pine
- IBM, whitebark pine
- IDT - Douglas-fir tussock moth, current
- IDT - douglas-fir tussock moth, tree mortality
- IBB - western balsam bark beetle
- IBD - Douglas-fir beetle
- IBS - spruce beetle
- IB - secondary bark beetle in young stand
- IDB - two-year cycle budworm
- IDL - western hemlock looper
- IDW - western spruce budworm
- IDN - birch leaf miner
- ID6 - aspen serpentine leaf miner
- IDF - forest tent caterpillar
- IDI - pine needle sheath miner
- IDS - conifer sawfly
- IDU - satin moth
- DFS - Dothistroma needle blight
- DFG - cottonwood leaf rust (Melampsora)
- DFH - larch needle blight
- DRA - Armillaria root disease
- AB - bear damage
- AP - porcupine damage
- NW - windthrow
- NCA - aspen decline
- NCB - birch decline
- NCY - yellow cedar decline
- NB - wildfire
- NBP - post-wildfire induced mortality
- NA; NAV - avalanche
- NS - slide
- NF - flooding
- NR - red belt
- NY - snow/ice press

Polygon Infestations
Defoliator Severity
- G = Grey - mortality
- L = Light Defoliation
- M = Moderate Defoliation
- S = Severe Defoliation

Polygon Infestations
Bark Beetle Severity
- T = Trace <1%
- L = Light 1-10%
- M = Moderate 10=30%
- S = Severe 30-50%
- VS = Very Severe 50-100%

2012 Spot Infestations, Number of Trees
- 5 IBM - mountain pine beetle, lodgepole pine
- 5 IBM - mountain pine beetle, ponderosa pine
- 5 IBM - mountain pine beetle, whitebark pine
- 5 IBM - mountain pine beetle, western white pine
- 5 IBD - Douglas-fir beetle
- 5 IBS - spruce beetle
- 5 IBB - western balsam bark beetle
- 5 NCY - yellow cedar decline
- BMU Boundaries - Spring 2012
- Kamloops TSA
- Provincial Parks/Protected Areas
- Water
- Major Road
- Gravel Road
- 20K Mapsheet Tiles

0 2.5 5 10 15 Kilometers

1:300,000

Map produced by:
B.C. Forest Service
Thompson Okanagan Region
Forest Health
December, 2012

N

122°0'0"W 121°0'0"W 120°0'0"W