2013 Aerial Overview Surveys
Williams Lake TSA - West

126°0'0"W 125°0'0"W 124°0'0"W 123°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

Euchiniko Pelican Pantage Whittier TFL 52 Chine Coglistiko Marmot Snaking Baker Baezaeko Upper Dean Eliguk Pan Kluskus Toil Tibbles Narcosli Beeftrail Christenson Creek Downton_south Clisbako Wentworth Clisbako_south Tusulko Punky Moore Clusko Ramsey Hotnarko Corkscrew Nazko Tautri Twan Telegraph Holtry Palmer/Jorgenson Nazko Twan_South Nimpo Palmer/Jorgenson Sisters Alexis Atnarko Puntzi Puntzi Sisters Meldrum Mackin Alplands Chilanko Chilanko Anaham military Pyper Pyper Siwash Anaham Clearwater Tatla/Little Eagle Siwash Riske Big Stick Haines Big Stick Tatla/Little Eagle Bidwell/Lava Minton Klinaklini Brittany Nuntzi Elkin Farwell Colwell Upper Tatlayoko Bidwell/Lava Minton Haines Crazy Creek Westbranch Brittany Big Creek Cheshi Stikelan Nemiah Tete Angela Bambrick Middle Lake Ottarasko Chilko Crazy Creek Gaspard Hickson Nude Creek Tete Angela Nemiah Tiedemann Chilko Nadila Upper Big Creek Churn Beece Creek Rainbow Dash Doran Creek Franklyn Franklyn Tchaikazan Tiedemann Edmond Taseko Lord River Relay Fraser-Cascade

Legend

- IBM - mountain pine beetle in whitebark pine
- IBM - mountain pine beetle in ponderosa pine
- IBM - mountain pine beetle in lodgepole pine
- IBB - western balsam bark beetle
- IBD - Douglas-fir beetle
- IBS - spruce beetle
- IBI - engraver beetles (Ips spp)
- 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
- IDU - satin moth
- DFS - Dothistroma needle blight
- DFL - pine needle cast
- DFO - Lophodermium Needle Cast
- DFG - cottonwood leaf rust (Melampsora)
- DFH - larch needle blight
- DF - unidentified foliar disease
- DLV - aspen-poplar twig blight
- DRA - Armillaria root disease
- AB - bear damage
- AP - porcupine damage
- NW - windthrow
- NCA - aspen decline
- NCB - birch decline
- NCY - yellow cedar decline
- NCF - Douglas-fir decline
- NB - wildfire
- NBP - post-wildfire induced mortality
- NA; NAV - avalanche
- NS - slide
- NF - flooding
- TC - fertilizer burn

Bark Beetle Severity

T = Trace; <1% current mortality
L = Light; 1-10% current mortality
M = Moderate; 10=30% current mortality
S = Severe; 30-50% current mortality
VS = Very Severe; 50-100% current mortality

Defoliator Severity

L = Light Defoliation
M = Moderate Defoliation
S = Severe Defoliation
G = Grey - post infestation mortality

2013 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 IBD - Douglas-fir beetle
- 5 IBS - spruce beetle
- 5 IBB - western balsam bark beetle
- 5 IBI - engraver beetle
- 5 NCY - yellow cedar decline
- 5 NF - flooding damage
- 5 NBP - post-wildfire mortality
- BMU Boundaries - Spring 2012
- Williams Lake Timber Supply Area
- Provincial Parks/Protected Areas
- Water
- Major Road
- Gravel Road
- 20K Mapsheet Tiles

0 2.5 5 10 15 Kilometers

1:325,000

Map produced by:
B.C. Forest Service
Thompson Okanagan Region
Forest Health
October, 2013
**Plot on ANSI E 34"X44"

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