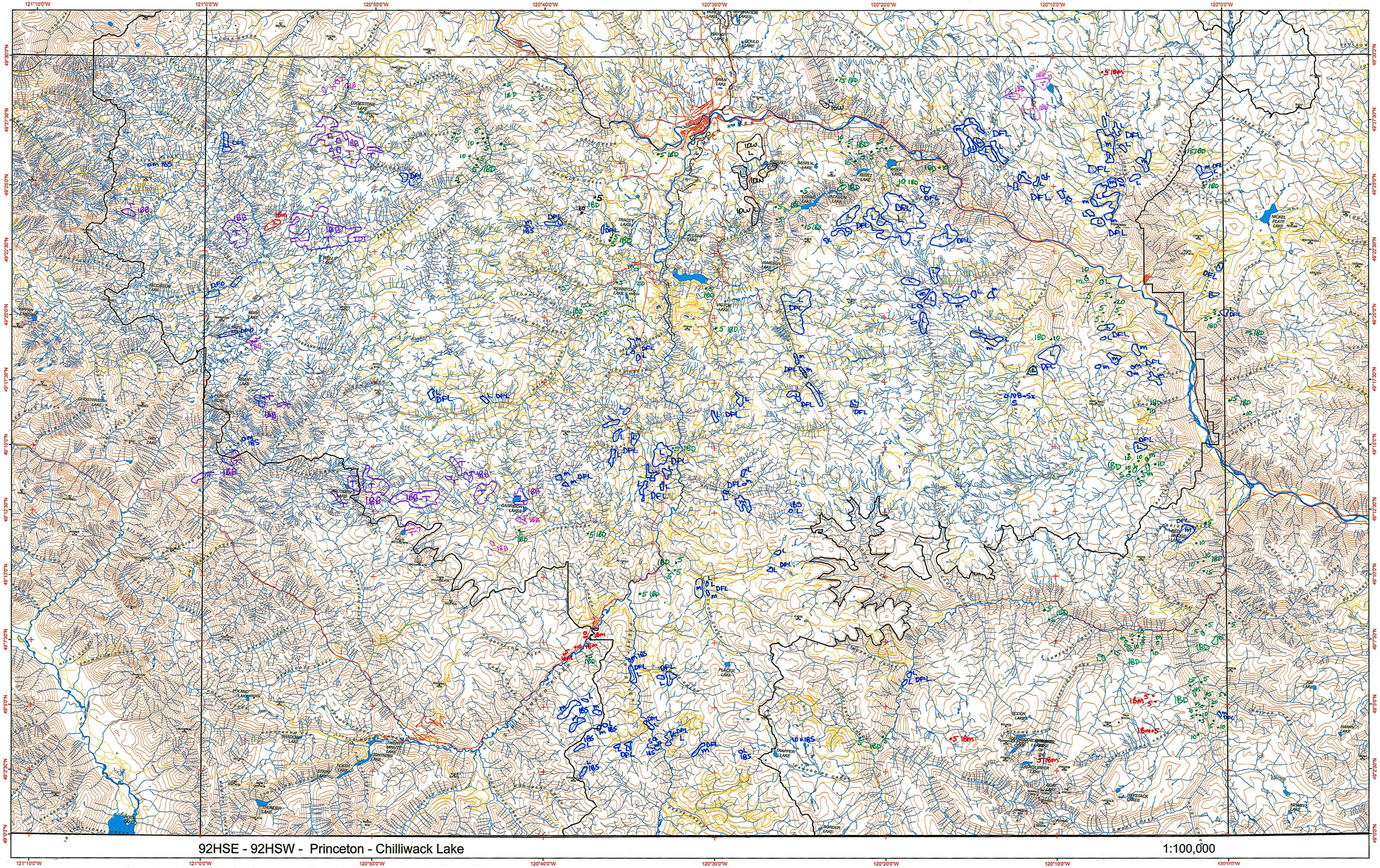


Ministry of Forests, Lands and Natural Resource Operations

92HSE - 92HSW - Princeton - Chilliwack Lake

2017 Aerial Overview Surveys

Pest Information Legend - Kamloops, Okanagan Shuswap, Lillooet, and Merritt TSAs

Map symbology:

- IBM_ or IBMy or — *10 IBM_____ mountain pine beetle, mature lodgepole pine; *10 IBMy____ mountain pine beetle, immature lodgepole pine
- Py or — *10 Py_____ ponderosa pine mortality *
- Pw or — *10 Pw_____ whitebark pine mortality **
- Pa or — *10 Pa_____ western white pine mortality ***
- IBD or — *10 IBD_____ Douglas-fir beetle
- IBS or — *10 IBS_____ western balsam bark beetle
- IBS or — *10 IBS_____ spruce beetle
- IBW or — *10 IBW_____ western pine beetle
- IDW_____ western spruce budworm
- IDB_____ two-year cycle spruce budworm
- IDT_____ Douglas-fir tussock moth
- IDE_____ aspen serpentine leaf miner
- IDN_____ birch leaf miner
- IDL_____ western hemlock looper
- IDJ_____ pine needle sheath miner
- IDU_____ satin moth
- DFH_____ birch needle blight (Hypodermella liricid)
- DFM_____ birch needle cast (Mario liricid)
- DFL_____ pine needle cast
- DFS_____ Dothistroma needle blight
- IWL_____ wildfire
- NW_____ windthrow
- DFO - - - - - Lophodermium needle ca

* ponderosa pine mortality due to either mountain pine beetle or western pine beetle (majority mountain pine beetle).
**whitebark pine mortality due to mountain pine beetle.
***western white pine mortality due to mountain pine beetle.

Polygon Infestation Severity Ratings:

Bark Beetles/Balsam Mortality:
T = trace <1% red attack
L = light 1-10% red attack
M = moderate 11-29% red attack
S = severe 30-50% red attack
VS = very severe 50-100% red attack

Defoliators/Foliar Diseases:
L = light current defoliation
M = moderate current defoliation
S = severe current defoliation
or grey/mortality

Spot Infestation Ratings:

For areas of mortality less than 0.5 ha or less than 50 trees:
- 10 IBM = location of infestation, with estimated number of affected trees.

Aerial Survey Dates: July 19 2017
Weather Conditions: Sunny minor haze
Aerial Surveyors: Kevin Buxton, Janice Waite

Ministry of Forests, Lands, and Natural Resource Operations
Thompson Okanagan Region, Kamloops, B.C.
Note: This map represents preliminary data only; final digital data will be available in the fall from the Resource Practices Branch.

For questions/comments, please contact:
Kevin Buxton, Forest Health Specialist, 250-828-4196
kevin.buxton@gov.bc.ca
Lorraine Maclauchlan, Forest Entomologist, 250-828-4179
lorraine.maclauchlan@gov.bc.ca

Map produced by:
BC Ministry of Forests, Lands, and Natural Resource Operation
Thompson Okanagan Region
Forest Health Program

Legend

- Contour - Index - 100 metre
- Paved road
- Airfield; Airport; Airstrip
- gravel/secondary road
- Trail, Skid Trail
- Rail Line
- Water - Lines (20K)
- Mine - Tailing Pond
- Lake - Definite
- Reservoir - Definite
- Tree Farm Licence

1:100,000

0 2 4 6 8

Map Location:

