Ministry of Forests, Lands and Natural Resource Operations

83MNW - 82MNE Avola - Goldstream River

2017 Aerial Overview Surveys

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

Main symbology:

- IBM or *10 IBM..... mountain pine beetle, eastern lodgepole pine
- IBMy or *10 IBMy..... mountain pine beetle, limmature lodgepole pine
- Py or *10 Py..... pondrosa 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 coniferbudworm
- IDT..... Douglas-fir tussock moth
- IDS..... aspen serpentine leaf miner
- IDH..... blitch leaf miner
- IDL..... western hemlock looper
- IDO..... pine needle sheeths miner
- IDU..... satin moth
- DTH..... birch needle blight (Hypodermella laricis)
- DHM..... larch needle cast (Meria laricis)
- DFL..... pine needle cast
- DIS..... Dothistroma needle blight
- WB..... wildfire
- WW..... windthrow
- DSB..... white pine blister rust

* pondrosa 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/Abiotic 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
G= 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: August 2, 2017
Weather Conditions: Sunny with Haze
Aerial Surveyors: Kevin Buxton, Steve Berge

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 toil from the Resource Practices Branch.

For questions/comments, please contact:
-Kevin Buxton, Forest Health Specialist, 250-828-4195
kevin.buxton@gov.bc.ca
-Lorraine Maclauchlin, Forest Entomologist, 250-828-4179
lorraine.maclauchlin@gov.bc.ca

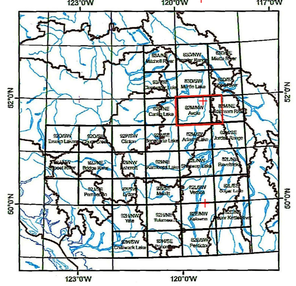
Map produced by:
BC Ministry of Foresis, Lands, and Natural Resource Operations
Thompson Okanagan Region
Forest Health Program

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 Km

Map Location:



83MNW - 82MNE Avola - Goldstream River

1:100,000