Ministry of Forests, Lands and Natural Resource Operations

92H/NE Tulameen

2017 Aerial Overview Surveys

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

Map symbology:

- 1BM or 1BMp — *1D 1BM..... mountain pine beetle, mature lodgepole pine
- 1BMy or 1BMy... — *1D 1BMy... mountain pine beetle, immature lodgepole pine
- Py or Pw or Pa or 1BD or 1BB or 1BS or 1DW or 1DW... — *1D Py..... ponderosa pine mortality * / *1D Pw..... whitebark pine mortality ** / *1D Pa..... western white pine mortality *** / *1D 1BD..... Douglas-fir beetle / *1D 1BB..... western balsam bark beetle / *1D 1BS..... spruce beetle / *1D 1BW..... western pine beetle
- 1DW..... western spruce budworm
- 1DB..... two-year cycle spruce budworm
- 1DT..... Douglas-fir tussock moth
- 1DA..... aspen serpentine leaf miner
- 1DN..... birch leaf miner
- 1DL..... western hemlock looper
- 1DS..... pine needle sheath miner
- 1DJ..... satin moth
- DFH..... larch needle blight (*Hypodermella laricis*)
- DPM..... larch needle cast (*Meria laricis*)
- DPL..... pine needle cast
- DPS..... Dothistroma needle blight
- 1DB..... wildfire
- NW..... windthrow

* 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 Beetle/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
- Dx grey/mortality

Spot Infestation Ratings:

For areas of mortality less than 0.3 ha or less than 50 trees:
- 1 x 1BM = location of infestation, with estimated number of affected trees.

Aerial Survey Dates: July 19, 2017
Weather Conditions: Sunny, some minor haze
Aerial Surveyors: Kevin Buxton, Jamie Hodge

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

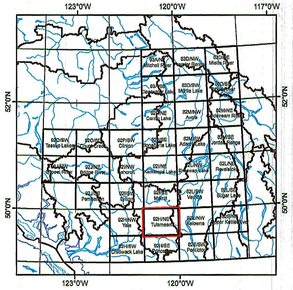
Legend
- Contour - Index - 100 metre
- Paved road
- Airfield; Airport; Airstrip
- gravel/secondary road
- Trail, Skid Trail
- Rail Line
- Water - Lines (20K)
- Mine - Tailing Pond
- Lake - Definite
- Reservoir - Definite
- Tree Farm Licence

N

1:100,000

0 2 4 6 8 Km

Map Location:



92H/NE Tulameen

1:100,000

Path: W:\FOR\RSI\RSI\Projects\buxtonkh\aromap files\2016\2016 Overview Surveys\Overview Survey Base Maps\2016 RKA overview map background_only_28X40_version_data_driven_pages_ev10_2.mxd