Provincial Strategic Threat Analysis
2015 Fire Threat Analysis Component
BC Wildfire Service

Fire Threat and Wildland Urban Interface Area

Fire Threat

- No Data
- Water
- No Threat
- Low
- Extreme

Buffer Area

- 2 km Interface Buffer >= 6 Stuctures/km^2

Base Data

- Fire Centres
- Fire Zones
- Highway

Data Sources and Notes:

The Provincial Strategic Threat Analysis (PSTA) 2015 Fire Threat Analysis Component primary data inputs include:

- BC Forest Vegetation Inventory
- Provincial Digital Elevation Model (DEM)
- 90th Percentile Fire Weather
- Historical Wildfire Points > 4 Hectares
- BC Fuels Layer

All layers were derived using 50 meter raster analysis.

For the purpose of the PSTA the Wildland Urban Interface Area is defined as the 2 kilometer (km) buffer from areas with a structure density of >= 6 structures/km^2. The 1 km buffer is derived from areas with a structure density of < 6 structures/km^2. Structure density was primarily derived from AddressBC information from the Integrated Cadastral Information Society and was supplemented with TRIM and other local data.

For more information on the PSTA please visit the Prevention page on the BC Wildfire Service website
http://bcwildfire.ca/Prevention/

PSTA Disclaimer:
The information presented within the Provincial Strategic Threat Analysis 2015 Fire Threat Analysis Component is derived from datasets and models that represent a provincial-level assessment of approximate relative fire threats across the land base.
It is intended to provide a strategic-level analysis of many different factors that contribute to fire threats, but it is not intended to represent absolute, site-specific values. The PSTA 2015 Fire Threat Analysis Component was created at a provincial scale, so users of this product need to confirm that the initial wildfire-risk rating assigned to a given area is accurate by having a qualified professional validate that rating at the forest stand level.
Any limitations of the 2015 Fire Threat Analysis Component are related but not limited to the accuracy of: the Vegetation Resources Inventory (VRI); the 17 fuel types identified under the Canadian Forest Fire Behaviour Prediction (FBP) System historical fire data; and assumptions associated with the development of the head fire intensity and spotting impact data layers.
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Coordinate System: NAD 1983 Albers

1:1,600,000

120 60 0 120 Km

Produced By:

Ministry of Forests, Lands & Natural Resource Operations
BC Wildfire Service

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Dease Lake
Northern Rockies Regional Municipality
Fort Nelson
Stewart
Fort St John
Taylor
Hudson's Hope
Dawson Creek
Chetwynd
Mackenzie
Tumbler Ridge
New Hazelton
Smithers
Terrace
Prince Rupert
Port Edward
Masset
Kitimat
Houston
Fort St James
Burns Lake
Vanderhoof
Prince George
Wells
Quesnel
Williams Lake
100 Mile House
Clearwater
Barriere
Revelstoke
Sicamous
Salmon Arm
Enderby
Armstrong
Vernon
Merritt
Kelowna
Peachland
Summerland
Penticton
Nelson
Castlegar
Trail
Rossland
Greenwood
Grand Forks
Kimberley
Cranbrook
Fernie
Elkford
Invermere
Kamloops
Logan Lake
Lillooet
Port Hardy
Campbell River
Powell River
Courtenay
Squamish
Sechelt
Pemberton
Whistler
Parksville
Lantzville
Nanaimo
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Ucluelet
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