

**WILDLAND URBAN INTERFACE WILDFIRE THREAT ASSESSMENT WORKSHEET**

Pre-treatment  Post-treatment

Plot #:	Community:
Assessor:	Geographic Location/Street Name:
Date:	GPS/UTM:
Photos: Y N #:	Land Ownership: <input type="checkbox"/> Crown <input type="checkbox"/> Private <input type="checkbox"/> I.R. Other (specify)

COMPONENT /Subcomponent	LEVELS				
	A	B	C	D	E
1 Duff Depth and Moisture Regime (cm)	1-<2 3	2-<5 Dry Zonal Wet 5 3 1	5-<10 Dry Zonal Wet 10 6 2	10-20 Dry Zonal Wet 12 8 4	>20 Dry Zonal Wet 15 10 5
2 Surface Fuels Continuity (% cover)	<20 0	20-40 2	41-60 3	61-80 4	>80 5
3 Vegetation Fuel Composition	Moss, Herbs, Irrigated Crops, Low Flammability Weeds 1	Herbs, Deciduous Shrubs 2	Lichen, Conifer Shrubs 3	Pinegrass, Juniper 4	Sagebrush, Bunchgrass, Antelope Brush, Scotch Broom 5
4 Fine Woody Debris Continuity (<=7cm) (% cover)	<1 coverage 1	Scattered, <10 coverage 5	10-25 coverage 7	>25 coverage, <10 cm deep 10	>25 coverage, >10 cm deep 15
5 Large Woody Debris Continuity (>7cm) (% cover)	<1 coverage 1	Scattered, <10 coverage 2	10-25 coverage 5	>25 coverage, not elevated 7	>25 coverage, partially elevated 10
6 Live and Dead Coniferous Crown Closure (%)	<20 2	20-40 5	41-60 10	61-80 15	>80 10
7 Live Deciduous Crown Closure (%)	>80 or <40% coniferous crown closure 0	61-80 2	41-60 3	20-40 4	<20 5
8 Live and Dead Conifer Crown Base Height (m)	5+ or <20% conifer crown closure 0	3-5 5	2-<3 7	1-<2 10	<1 15
9 Live and Dead Suppressed and Understorey Conifers (stems/ha)	0-500 2	501-1000 5	1001-2000 10	2001-4000 20	>4000 30
10 Forest Health (% of dominant and co-dominant stems)	Standing Dead and Partly Down <5 or <20 stems/ha 0	Standing Dead and Partly Down 5-25 5	Standing Dead and Partly Down >25-50 10	Standing Dead and Partly Down >50-75 20	Standing Dead and Partly Down >75 30
11 Continuous Forest/Slash Cover within 2km (%)	0-20 0	21-40 3	41-60 5	61-80 7	>80 10
<b>Sub Total</b>					<b>/155*</b>

Weather	A	B	C	D	E
12 Biogeoclimatic Zone	AT, Irrigated 1	CWH, CDF, MH Dry Zonal Wet 5 3 1	ICH, SBS, ESSF Dry Zonal Wet 10 7 3	IDF, MS, SBPS, CWH ds1 & ds2, BWBS, SWB - Dry Zonal Wet 15 10 5	PP, BG 15
13 Historical Wildfire Occurrence (by WMB Fire Zone)	G5, R1, R2, G6, V5, R9, V9, V3, R5, R8, V7 1	G3, G8, R3, R4, V6, G1, G9, V8 5	G7, C5, G4, C4, V1, C1, N6 8	K1, K5, K3, C2, C3, N5, K6, N4, K7, N2 10	N7, K4, K2, N1 15
<b>Sub Total</b>					<b>/30</b>

Topography	A	B	C	D	E
14 Aspects (>15% slope)	North 0	East 5	<16% slope all aspects 10	West 12	South 15
15 Slope (%)	<16 1	16-29 and max score for North slopes 5	30-44 10	45-54 12	>55 15
16 Terrain	Flat 1	Rolling 3	Sloped terrain, minor low relief draws 5	Consistent slope, deep draws or shallow gullies 7	Consistent slope, deep gullies 10
17 Landscape/Topographic Limitations to Wildfire Spread	<5 ha isolated forest land 1	North and/or east aspects dominate, wildfire spread restricted from South and/or West 2	Mountainous terrain, broken topography, regular aspect and slope changes, multiple restrictions to wildfire spread large water bodies 5	Rolling terrain, minor water bodies, minimal aspect and slope changes, minor restrictions to wildfire spread 10	Continuous, consistent topography No restriction to wildfire spread 15
<b>Sub Total</b>					<b>/55</b>

**FUEL, WEATHER AND TOPOGRAPHY**

**WILDFIRE BEHAVIOUR THREAT SCORE**

**/240\*\***

Structural	A	B	C	D	E
18 Position of Structure/Community on Slope	No Structures Values within 2 km 0	Bottom of slope, valley bottom 5	Mid-slope benchland, elevated valley, <16% slope 10	Mid-slope continuous, >15% slope 12	Upper 1/3 of Slope 15
19 Type of Development	No Structures Values within 2 km 0	Perimeter Interface, no inclusions 3	Perimeter Interface, with inclusions 5	Intermix >1 structure/ha 8	Intermix <1 structure/ha Infrastructure 10
20 Position of Assessment Area Relative to Values	No Structures Values within 2 km 0	Above >500 200-500 <200 m 1 10 20	Sidehill >500 200-500 <200 m 1 12 25	Flat/Rolling >500 200-500 <200 m 1 12 25	Below >500 200-500 <200 m 1 15 30

\*Proceed only if Fuel sub total is >29.

**WILDLAND URBAN INTERFACE WILDFIRE THREAT SCORE**

**/55**

\*\* Proceed to Structural component only if Wildfire Threat Behaviour Score is >95 for untreated polygons.

**TOTAL WILDFIRE THREAT SCORE**

**/295**

**Wildfire Behaviour Threat Class** (check applicable class)

- Low 0-40
- Moderate 41-95
- High 96-149
- Extreme >149

**Wildland Urban Interface Threat Class** (check applicable class)

- Low 0-13
- Moderate 14-26
- High 27-39
- Extreme >39