

Photo Fuel Plots: Vernon

- **Vernon**
#97-5-04-001-1
IDF mw1—C3
- **Vernon**
#97-5-04-003-1
IDF mw1-M2
- **Silver Star**
#97-5-04-004-2
IDF mw1—C3 heavy blowdown component

TOWN: Vernon

Photo Fuel Plot # 97-5-04-001-1



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	South	Location	Vernon
Slope (%)	10%	GPS Coordinates	N50-27.167 W118-40.870
Elevation (m)	1233m	Map sheet	82L.047
Fuel Type	C3	Polygon #	175
Bigeoclimatic Zone	IDFmw1	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pseudotsuga menziesii</i>
LFH Layer	7cm	Secondary Species	<i>Pinus contorta</i>
Humus Form	mull moder	% Canopy Closure	60%
Soil Order	brunisol	Treatment Type	none
Moisture Regime	mesic-sub hygic	Year of Treatment	n/a
Nutrient regime	poor	TREE AND FUEL CALCULATIONS	
Texture	LS	Average Tree Height (m)	29.6
		Average Height to Live Crown (m)	12.27
CREW LIST		Coarse Woody Debris Mass (t/ha)	290
Vernon IA		Fine Fuel Mass (t/ha)	3.64

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species			<i>Orthilia secunda</i>	15%
Secondary Species			<i>Goodtera oblongifolia</i>	5%

VEGETATION					
New Unique #	97-5-04-001-1		Surveyors:		NO Vernon IA
GPS co ordinates	N50-27.167' W118-40.870		Location:		Vernon
Map#:	82L.047	Polygon #:	175		
Seedlings species	%	Brush species	%	Herbaceous species	%
				<i>Orthilia secunda</i>	15%
				<i>Goodtera oblongifolia</i>	5%

TOWN: Vernon

Photo Fuel Plot # 97-5-04-003-1



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	West	Location	Vernon
Slope (%)	10%	GPS Coordinates	N50-18.837 W119-05.533
Elevation (m)	1334m	Map sheet	82L.035
Fuel Type	M2	Polygon #	248
Bigeoclimatic Zone	IDFmw1	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pseudotsuga menziesii</i>
LFH Layer	3.5 cm	Secondary Species	<i>Larix sp.</i>
Humus Form	velo moder	% Canopy Closure	60%
Soil Order	Brunisol	Treatment Type	selective logg
Moisture Regime	sub mesic	Year of Treatment	n/a
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	Loam	Average Tree Height (m)	27.15
CREW LIST		Average Height to Live Crown (m)	9.15
		Coarse Woody Debris Mass (t/ha)	92.2
		Fine Fuel Mass (t/ha)	6.37
Vernon IA			

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Spiraea betufoia</i>	20%	<i>Linnaea borealis</i>	5%
Secondary Species	<i>Rubus parviflorus</i>	5%	<i>Orthilia secunda</i>	5%

VEGETATION					
Unique #	97-5-04-003-1		Surveyors:		NO Vernon IA
GPS co ordinates	N50-18.837 W119-05.533		Location:		Vernon
Map#:	821.035	Polygon #	: 248		
Seedlings species	%	Brush species	%	Herbaceous species	%
		<i>Spiraea betufoia</i>	20%	<i>Linnaea borealis</i>	5%
		<i>Rubus parviflorus</i>	5%	<i>Orthilia secunda</i>	5%
		<i>Vaccinium membranaceum</i>	5%	<i>Chimaphila umbellata</i>	10%
		<i>Paxistima myrsinites</i>	10%	<i>Cornus canadensis</i>	15%
		<i>Alnus viridis</i>	5%	<i>Balsamorhiza sagittata</i>	10%
		<i>Mahonia aquilifolium</i>	5%	<i>Smilacina racemosa</i>	10%
		<i>Acer glabrum</i>	5%	<i>Goodyera oblongifolia</i>	5%
		<i>Rubus parviflorus</i>	5%	<i>Bromus tectorum</i>	5%
		<i>Rosa acicularis</i>	5%	<i>Hieracium albiflorum</i>	5%
				<i>Epilobium angustifolium</i>	5%

TOWN: Silver Star

Photo Fuel Plot # 97-5-04-004-2



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	South	Location	Silver Star
Slope (%)	10%	GPS Coordinates	N50-21.004' W119-08.102'
Elevation (m)	400m	Map sheet	82L.035
Fuel Type	C3 with heavy blowdown component	Polygon #	
Bigeoclimatic Zone	IDFmw1	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Picea engelmannii</i>
LFH Layer	9cm	Secondary Species	<i>Pinus contorta</i>
Humus Form	mor	% Canopy Closure	50%
Soil Order	Brunisol	Treatment Type	none
Moisture Regime	submesic	Year of Treatment	n/a
Nutrient regime		TREE AND FUEL CALCULATIONS	
Texture	Sandy Loam	Average Tree Height (m)	29.62
CREW LIST		Average Height to Live Crown (m)	12.27
		Coarse Woody Debris Mass (t/ha)	293.8
		Fine Fuel Mass (t/ha)	6.2
Vernon IA			

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Ribes lacustre</i>	15%	<i>Cornus canadensis</i>	15%
Secondary Species	<i>Acer glabrum</i>	10%	<i>Clintonia uniflora</i>	5%

VEGETATION					
New Unique #	97-5-04-004-2		Surveyors:		NO Vernon IA
GPS co ordinates	N50-21.004' W119-08.102'		Location:		Silver Star
Map#:	82L.035		Polygon #:		n/a
Seedlings species	%	Brush species	%	Herbaceous species	%
Fd	5%	<i>Ribes lacustre</i>	10%	<i>Cornus canadensis</i>	15%
Se	5%				
		<i>Acer glabrum</i>	15%	<i>Clintonia uniflora</i>	5%
		<i>Alnus viridis</i>	15%	<i>Tiarella uniflora</i>	10%
		<i>Shepherdia canadensis</i>	10%	<i>Calamagrostis rubescens</i>	25%
		<i>Rubus parviflorus</i>	10%	<i>Smilacina racemosa</i>	25%
		<i>Rhododendron albiflorum</i>	20%	<i>Streptopus roseus</i>	35%
		<i>Paxistima myrsinites</i>	15%		