

April 2017
Merritt TSA TSR5 - October 2015
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Harvest Expectations Dataset - April 2017

- Create shapefile: **TME_TSR5_HarvExpt**
 - o reselection from **TME_TSR5_THLB_Feb2017** for " DCS_THLBx IN ('DBF' , 'Low Vol.') OR DCS_UWR LIKE 'UWR%' "
 - o then "Dissolve" on the following fields: DCS_THLBx, DCS_Landbase, DCS_UWR, DCS_LowVolume
- Dry-belt Fir and Low Volume stands are mutually exclusive in the TSR5 dataset, with Dry-belt Fir taking precedence over Low Volume
- UWR areas may overlap either Dry-belt Fir or Low Volume stands
- At a minimum, display on the following fields: DCS_THLBx & DCS_UWR

Merritt TSA TSR5 Updates - February 2017

Creation of Additional DCS custom fields for district use:

Created additional custom fields and dataset dissolved on ALL identified fields: **TME_TSR5_THLB_Feb2017**

- **DCS_THLBx:** (Timber Harvesting Landbase - Dry-belt Fir/Low Vol. traditionally CFLB)
 - o DBF = Dry-Belt Fir
 - o Low Vol. = Low Volume Stands
- **DCS_UWR:**
 - o UWR = Ungulate Winter Range Planning Cell Areas
 - o UWR SIC Res. = UWR SIC Reserve component of the Planning Cells (Moderate Snowpack)
- **DCS_UWR_Details:** (Breakdown of all polygons inside UWR Planning Cells)
 - o UWR CFLB = Crown Forested Landbase excluded from THLB (Non-contributing Crown Forested)
 - o UWR CFLB (Fir >30% >60yrs (2000)) = CFLB stands in UWR with >30% fir & >60yr old in 2000
 - o UWR THLB = THLB
 - o UWR THLB (Fir >30% >60yrs (2000)) = THLB stands in UWR with >30% fir & >60yr old in 2000
 - o UWR SIC Reserve = Moderate Snowpack SIC stands identified here, are from the original model where it was excluded from the THLB (called CFLB instead, included in DCS_Landbase as THLB where relevant). SIC stands found appear to reflect the UWR GAR description but do not necessarily include all the area required per planning cell needed to meet the UWR GAR retention requirements.
 - o UWR NC = Non-contributing , Non-crown

Merritt TSA TSR5 Updates – July 2016

Creation of DCS custom fields for district use:

Created custom fields and dataset dissolved on those fields: **TME_TSR5_THLB_July2016**

- types NOT excluded from the land base are OGMA, Stoyoma & UWR SIR Res. – noted in DCS_Details
- WTP's ignored (not included/excluded from any of the DCS_* fields)
- DCS_Landbase:** *NOTE: THLB(x) codes include OGMA/WTP/UWR SIC Res.*
 - THLB = Timber Harvesting Landbase
 - THLBx = Timber Harvesting Landbase - Dry-belt Fir/Low Vol. traditionally CFLB
 - CFLB = Non-contributing Crown Forested Landbase
 - CLB = Non-contributing, Non-forested Crown Landbase
 - NC = Non-contributing/non-crown
- DCS_Netdown:** (most restrictive to least restrictive – see table below)
- DCS_Details:** cumulative netdown types per polygon, includes additional types (OGMA/Stoyoma/UWR SIR Res. not excluded from landbase)
- DCS_LowVolume:** THLB Low Volume groups (150-199m3/ha, 149-100m3/ha,<100m3/ha)

DCS_Landbase	DCS_Netdown	DCS_LowVolume	DCS_Details
NC	Park/ER/PA		
NC	Non-Crown		
NC	Woodlot		
NC	Community Forest		
CLB	Water		
CFLB or CLB	WHA		<i>eg: Forest ; Inoperable ; WHA ; Stoyoma</i>
CFLB or CLB	FN Sites		
CFLB	Rec. Trails		
CLB	Urban		
CLB	Exposed Land		
CLB	Alpine		
CFLB	Inoperable		
CLB	NonForest Veg		
CFLB	ESA High		
CFLB	Forest - Decid.		
CFLB	Forest - Low Prod.		
THLBx	Forest - Dry Belt Fir		
THLBx	Forest - Low Vol.	<100m3/ha	<i>eg: Forest ; Low Vol.</i>
		100-149m3/ha	
		150-199m3/ha	
THLB	Forest		<i>eg: Forest ; OGMA; UWR SIC Res.</i>

- Input fields from source data include; october_2015_frep_wtp_theme1, map_land_category, stoyoma_theme10,community_forests, land_category, parks_n_eco_reserves, woodlots, drybeltfir_bc, fn_sites_area, trails_area, ogma_area
- Querys (*.exp) used are located in
W:\FOR\RSI\DCS\Local_Data\Landuse\TSR\TME_TSR5_2016\DCS_July2016_exp

Merriitt TSA TSR5 Original Data - October 2015

Concerns with the TME TSR5 dataset provided by FIAB:

Source: Posgress geotiff dump file from Kelly Izzard, FAIB: **TME_TSR5_RasterPoly**

- Documentation: Barrys_notes.txt and merriitt_data_dic.xls
- **1ha Raster**
- Ownership data exclusions included "77" woodlot areas, several of which no longer exist
- Many recently logged areas tagged as "exposed land" and excluded from the THLB/CFLB
- WTP's evenly spaced across the landbase (a numbers exercise) and not easily re-includable into the THLB/CFLB
- Parks/ER's/PA's included in CFLB and not easily excludable
- Main summary field "october_2015_frep_wtp_theme1"
- concerns corrected via DCS custom fields

Original Data Summary Field:

october_2015_frep_wtp_THEME1	<i>Legal THLB</i>	<i>Operable THLB</i>
NON_CROWN_NON_FOREST	<i>NC</i>	<i>NC</i>
CROWN_FOREST	<i>CFLB</i>	<i>CFLB</i>
OGMA	<i>THLB</i>	<i>CFLB</i>
OGMA_PFT	<i>THLB</i>	<i>CFLB</i>
OGMA_PFT_WTP	<i>THLB</i>	<i>CFLB</i>
OGMA_WTP	<i>THLB</i>	<i>CFLB</i>
PFT	<i>THLB</i>	<i>THLB</i>
PFT_WTP	<i>THLB</i>	<i>CFLB</i>
TIMBER_ESTATE	<i>THLB</i>	<i>THLB</i>
TIMBER_ESTATE_WTP	<i>THLB</i>	<i>THLB</i>
UWR_SIC_RESERVE	<i>THLB</i>	<i>CFLB</i>
UWR_SIC_RESERVE_PFT	<i>THLB</i>	<i>CFLB</i>
UWR_SIC_RESERVE_WTP	<i>THLB</i>	<i>CFLB</i>

*AGGREGATE operable_thlb

TIMBER_ESTATE PFT TIMBER_ESTATE_WTP

*AGGREGATE cflb

CROWN_FOREST OGMA OGMA_PFT OGMA_PFT_WTP OGMA_WTP PFT PFT_WTP TIMBER_ESTATE
TIMBER_ESTATE_WTP UWR_SIC_RESERVE UWR_SIC_RESERVE_WTP

*AGGREGATE legal_thlb

OGMA OGMA_PFT OGMA_PFT_WTP OGMA_WTP PFT PFT_WTP TIMBER_ESTATE
TIMBER_ESTATE_WTP UWR_SIC_RESERVE UWR_SIC_RESERVE_WTP

*AGGREGATE legal_thlb_less_ogma

PFT PFT_WTP TIMBER_ESTATE TIMBER_ESTATE_WTP UWR_SIC_RESERVE UWR_SIC_RESERVE_WTP

*AGGREGATE legal_thlb_less_ogma_uwr_sic

PFT PFT_WTP TIMBER_ESTATE TIMBER_ESTATE_WTP