

## **TimberSuitability\_v2\_1**

### **File Geodatabase Feature Class**

#### **Tags**

Timber Suitability, 2015 Land Management Plan, Implementation, Kootenai National Forest

#### **Summary**

Using 2015 FP version, create a more user-friendly implementation layer, modifying schema, and updated with current FSveg Spatial Old Growth. An updated 2015 Forest Plan Timber Suitability Guidance document, for more information about using this spatial data, will be forthcoming.

#### **Description**

Version 2.1 includes a remodel of the schema, simplifying without sacrificing significant data fields. Also updated to current FSveg Spatial old growth (extracted 12/28/15).

Forest plan-level determinations broadly identify suitability but both suitable and unsuitable lands should be field verified with site-specific analysis, at the project level, and adjustments made as necessary. The timber suitability layer file is symbolized on the "SUITABILITY" attribute.

Most fields, except REASON (for TENT\_SUIT), PRIMARY\_MA and SUITABILITY are yes/no fields.

TENT\_SUIT = Tentative suitability determination. Based on reasons below. Starting point for changing TS. If changing TENT\_SUIT from no to yes, will involve field verification, documentation, and SO Planner consultation and signed approval.

REASON = Summation of the reason polygon is identified as not tentatively suitable for timber production - ownership (private), non-forest, withdrawn, not capable, potential loss, unsure restock, inadequate response info, tent suitable. (see below, or more detailed explanation in Guidance document).

IA\_ZONE = same as FP version. Areas where vegetation management will provide for initial attack, based on HFRA. These areas are not suitable for timber production, as timber would not be allowed to grow on a rotation. Suitable for harvest.

OG\_MANAGE = Grouping of OG and Recruitment. Lands not suitable for timber production, but may be suitable for timber harvest. Updated to 12/28/2015 OG. Confirm against current FSveg spatial OG for project work and evaluation.

RIPARIAN = Lands with riparian are not suitable for timber production but may be suitable for harvest. Based on 2012 RHCA, not updated 2016 RHCA. Indicator of possible riparian, check project area against current 2016 RHCA.

GRIZ\_CORE = Lands with Cabinet Yaak Grizzly Bear Recovery Zone core habitat are not suitable for timber production but may be suitable for harvest. Not yet updated to BY 2015 Core. Refer to that layer for project work and evaluation.

RAINYCREEK\_X = Rainy Creek Restricted Zone for the 2009 fire season. Identified as lands with no administrative use (asbestos concerns) for forest plan revision. Not suitable for timber production, but

may be suitable for harvest. The EPA is in the process of deciding whether and how to adjust the OU3 boundary. Updates will be made when decision is made.

PRIMARY\_MA = Primary management area allocation from the 2015 Forest Plan. Overrides SUITABILITY of above 5, unless MA 6.

MA 1a 1b, 1c = none

MA 2 = harvest allow

MA 2, wild = none

MA 3 = harvest allow

MA 4 = harvest allow

MA 5a, 5b, 5c = harvest allow

MA 6 = production

MA 7 = harvest allow

WSRIVERS\_CLASS = Classification of Wild, Scenic and Recreation Rivers (attributes: "none, scenic, wild"). Note MA 2, wild SUITABILITY = none.

SUITABILITY = production = Suitable for Timber Production; harvest allow = Not Suitable for Timber Production, Harvest Allowed; none = Not Suitable for Timber Production, No Harvest Allowed

FSPVT = Land ownership of Forest Service ("fs"), other land ownership ("ot"), or water (larger bodies of water - "wtr").

GISAcres = ArcGIS calculated acres

This remodeled version dropped the first 7 fields from the FP version that determined the TENT\_SUIT attribute. Changing TENT\_SUIT from no to yes, will involve field verification and documentation based on these criteria.

NONFOREST = Lands not forest land as defined in Sec. 219.3 (36 CFR 219.14(a)(1) – 1982 Rule).

WDRAWN = Lands that have withdrawn from timber production by an Act of Congress, the Secretary of Agriculture or the Chief of the Forest Service (36 CFR 219.14 (a)(4) – 1982 Rule).

NOT\_CAPABLE = Lands not capable of producing industrial wood (potential for irreversible resource damage (36 CFR 219.14(a)(2) – 1982 Rule).

POTENTIAL\_LOSS = Lands with the potential for irreversible soil, slope, or other watershed condition loss following harvest (36 CFR 219.14(a)(2) – 1982 Rule)

UNSURE\_RESTOCK = Lands identified where restocking within is not assured (36 CFR 219.14(a)(3) – 1982 Rule).

RESPONSE = Lands with inadequate response information - (potential for irreversible resource damage) [36 CFR 219.14(a)(2)]

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Previous specific polygon edits to layer data:

2/24/16 - Updated MA 3 Frank Lake Fishing Access lands added to FS lands from private as harvest allow - a small land exchange that was missed in version 1.2.

12/15 - Updates to 2015 Wegel fire perimeter old growth and suitability.

5/22/15 - Version 1.2 - Site-specific suitability determination for 2 units (T10, T16) in Miller West Fisher. Following 2015 Forest Plan Timber Suitability Guidance, determined HARVEST moved from none to production.

12/11/14 - Change to HARVEST attribute for Y4 segment of the Yaak River Wild and Scenic river.

12/17/14 - Change to HARVEST attribute for Galton/Whitefish area due to change of MA 1b to MA 5a in LMP Final ROD.

### **Credits**

Version 2.1

### **Use limitations**

Please refer to the updated 2015 Forest Plan Timber Suitability Guidance document, when available, for more information about using or changing this spatial data.

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### **Extent**

**West** -116.214698    **East** -114.662145

**North** 49.020073    **South** 47.601729