Master Fuel Ruleset Database: This is an intermediate product of fuel layer production. It consists of a compilation of all surface fuel rulesets for disturbed and non-disturbed Existing Vegetation Types (EVT's) for CONUS, AK, and HI in Microsoft Access Database format. The data can be sorted by Existing Vegetation (EV) or by disturbance-- type, severity, or time since. The data can also be filtered by LANDFIRE (LF) map zone and provides information on how the fuel models are assigned vegetation type, cover, and height. Information regarding whether canopy is available for crown fire activity is also provided.

Name	Description
EVT	Processing variable in fuel rulesets. LANDFIRE Existing Vegetation Type (EVT_Fuel—EVT_Fuel_Name). Designation of vegetation type currently occupying a particular area.
Map Zone	Landfire Map Zone processing unit for fuel rulesets
Range of Cover	Processing variable in fuel rulesets -- Existing Vegetation Cover (EVC)
Range of Height	Processing variable in fuel rulesets -- Existing Vegetation Height (EVH)
BPS	Processing variable in fuel rulesets -- Biophysical Setting
FM13	Fire Behavior Fuel Model 13 (Anderson, 1982) the assignment (value) is made from the fuel rule variables
FM40	Fire Behavior Fuel Model 40 (Scott and Burgan 2005) the assignment (value) is made from the fuel rule variables
CanFM	Canadian Forest Fire Danger System Fuel Type the assignment (value) is made from the fuel rule variable
CG	Canopy Guide. Designates whether tree canopy is available for crown fire activity. 0 = no tree canopy considered 1= tree canopy with canopy base height and canopy bulk density calculated and available for crown fire activity. 2 = The canopy base height and canopy bulk density are artificially set to a point where crown fire—passive, active, or conditional will not be simulated

tblDist_Code
This table contains primary filter for disturbance type, severity, and time since disturbance. Note: disturbance codes 612 through 733 are not in current data.

Disturbance code/type/severity/ time since disturbance	Description
0 Not Disturbed : None : TS0	Filters fuel rulesets by area that have not been disturbed over the previous 10 years
112 Fire : Low Severity : TS2	Filters fuel rulesets by areas that have been disturbed by low severity fire (0-25% above ground mortality) within the past ten years. Fuel model transition based on fire site 2 growing seasons post disturbance
113 Fire : Low Severity : TS3	Filters fuel rulesets by areas that have been disturbed by low severity fire (0-25% above ground mortality) within the past ten years. Fuel model transition based on fire site 7 years post disturbance
122 Fire : Moderate Severity: TS2	Filters fuel rulesets by areas that have been disturbed by moderate severity fire (25 – 75% above ground mortality) within the past ten years. Fuel model transition based on fire site 2 growing seasons post disturbance
123 Fire : Moderate Severity :TS3	Filters fuel rulesets by areas that have been disturbed by moderate severity fire (25 – 75% above ground mortality) within the past ten years. Fuel model transition based on fire site 7 years post disturbance
132 Fire : High Severity : TS2	Filters fuel rulesets by areas that have been disturbed by high severity fire (> 75% mortality) within the past ten years. Fuel model transition based on fire site 2 growing seasons post disturbance
133 Fire : High Severity : TS3	Filters fuel rulesets by areas that have been disturbed by high severity fire (> 75% mortality) within the past ten years. Fuel model transition based on fire site 7 years post disturbance
212 Mechanical Add Loading: Low Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by low severity mechanical treatment that does not remove fuel from the site. Fuel model transition based on fire site 2 growing seasons post disturbance
213 Mechanical Add Loading : Low Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by low severity mechanical treatment that does not remove fuel from the site. Fuel model transition based on fire site 7 years post disturbance
222 Mechanical Add Loading : Moderate Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by moderate severity mechanical treatment that does not remove fuel from the site. Fuel model transition based on fire site 2 growing seasons post disturbance
223 Mechanical Add Loading : Moderate Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by moderate severity mechanical treatment that does not remove fuel from the site. Fuel model transition based on fire site 7 years post disturbance
232 Mechanical Add Loading : High Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by high severity mechanical treatment that does not remove fuel from the site. Fuel model transition based on fire site 2 growing seasons post disturbance
23 Mechanical Add Loading : High Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by high severity mechanical treatment that does not remove fuel from the site. Fuel model transition based on fire site 7 years post disturbance
312 Mechanical Remove Loading: Low Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by low severity mechanical treatment that does remove fuel from the site. Fuel model transition based on fire site 2 growing seasons post disturbance
313 Mechanical Remove Loading : Low Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by low severity mechanical treatment that does remove fuel from the site. Fuel model transition based on fire site 7 years post disturbance
322 Mechanical Remove Loading : Moderate Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by moderate severity mechanical treatment that does remove fuel from the site. Fuel model transition based on fire site 2 growing seasons post disturbance
323 Mechanical Remove Loading : Moderate Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by moderate severity mechanical treatment that does remove fuel from the site. Fuel model transition based on fire site 7 years post disturbance

332 Mechanical Remove Loading : High Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by high severity mechanical treatment that does remove fuel from the site. Fuel model transition based on fire site 2 growing seasons post disturbance
333 Mechanical Remove Loading : High Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by high severity mechanical treatment that does remove fuel from the site. Fuel model transition based on fire site 7 years post disturbance
412 Wind Event : Low Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by low severity wind event in treed EVT's that generally adds surface fuel to the site. Fuel model transition based on fire site 2 growing seasons post disturbance
413 Wind Event : Low Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by low severity wind event in treed EVT's that generally adds surface fuel to the site. Fuel model transition based on fire site 7 years post disturbance
422 Wind Event : Moderate Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by moderate severity wind event in treed EVT's that generally adds surface fuel to the site. Fuel model transition based on fire site 2 growing seasons post disturbance
423 Wind Event : Moderate Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by moderate severity wind event in treed EVT's that generally adds surface fuel to the site. Fuel model transition based on fire site 7 years post disturbance
432 Wind Event : High Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by high severity wind event in treed EVT's that generally adds surface fuel to the site. Fuel model transition based on fire site 2 growing seasons post disturbance
433 Wind Event : High Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by high severity wind event in treed EVT's that generally adds surface fuel to the site. Fuel model transition based on fire site 7 years post disturbance
512 Insects and Disease : Low Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by low severity insect and/or disease disturbance. Fuel model transition based on fire site 2 growing seasons post disturbance.
513 Insects and Disease : Low Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by low severity insect and/or disease disturbance. Fuel model transition based on fire site 7 years post disturbance.
522 Insects and Disease : Moderate Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by moderate severity insect and/or disease disturbance. Fuel model transition based on fire site 2 growing seasons post disturbance.
523 Insects and Disease : Moderate Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by moderate severity insect and/or disease disturbance. Fuel model transition based on fire site 7 years post disturbance.
532 Insects and Disease : High Severity : TS2	Filters fuel rulesets by areas that have been disturbed within the past ten years by high severity insect and/or disease disturbance. Fuel model transition based on fire site 2 growing seasons post disturbance.
533 Insects and Disease : High Severity : TS3	Filters fuel rulesets by areas that have been disturbed within the past ten years by high severity insect and/or disease disturbance. Fuel model transition based on fire site 7 years post disturbance.