LANDFIRE FVS Disturbance Database

DATA DICTIONARY

SECTION I: DATA TABLES

Version 1.0 9 July 2014

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Section I: Data Tables

FireHigh

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a high severity fire incident using FVS/FFE keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
True 6	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
EH EC	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
FUEL7	12 inches, less than 20 inches)
FUEL/	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
FUEL8	20 inches, less than 35 inches) FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
PUELO	35 inch, less than 50 inches)
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
I OLLIVII	actual fuel model number)
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
1 OLIMVIZ	actual fuel model number)
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1-2 7/9/2014

FireLow

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a low severity fire incident using FVS/FFE keywords.

Name	Description	
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.	
Required		
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance	
	time step. (Required by Suppose 2.0 when populating stand lists.)	
Variant	The two character variant identification code. Required by Suppose 2.0 when populating	
	stand lists.	
CycleNum	FVS cycle number	
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)	
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)	
CBD	Crown bulk density from the potential fire report (CrBulkDn)	
СВН	Crown base height from the potential fire report (CrBaseHt)	
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)	
HTDELTA	Change in height from previous time step (Heit1 - Heit2)	
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)	
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)	
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection	
	(see appendix B in EssentialFVS)	
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection	
	(see appendix B in EssentialFVS)	
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the	
	projection (see appendix B in EssentialFVS)	
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to	
	zero, less than 0.25 inch)	
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to	
	0.25 inch, less than 1 inch)	
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1	
	inch, less than 3 inches)	
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3	
	inches, less than 6 inches)	
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6	
	inches, less than 12 inches)	
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to	
	12 inches, less than 20 inches)	
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to	
	20 inches, less than 35 inches)	
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to	
	35 inch, less than 50 inches)	
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,	
	actual fuel model number)	
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,	
	actual fuel model number)	

1-3 7/9/2014

FireMid

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a moderate severity fire incident using FVS/FFE keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
777.75	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
DI IDI G	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
ETTEL O	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
FUEL MA	35 inch, less than 50 inches)
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
ELIEVMO	actual fuel model number)
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
	actual fuel model number)

1-4 7/9/2014

InDHigh

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a high severity insect and disease incident using FVS keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
TV 1171 0	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
FUELNA1	35 inch, less than 50 inches)
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
ELIEKMO	actual fuel model number)
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
	actual fuel model number)

1-5 7/9/2014

InDLow

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a low severity insect and disease incident using FVS keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
PUPUNA	35 inch, less than 50 inches)
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
ELIETZ) (O	actual fuel model number)
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
	actual fuel model number)

1-6 7/9/2014

InDMid

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a moderate severity insect and disease incident using FVS keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
777.75	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
PLYPL G	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
FIELO	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
EHELM1	35 inch, less than 50 inches) Five IM a de (1.1) accession to division to five I model being used (first five I model selected).
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
FUEKM2	actual fuel model number) FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
FUENIVIZ	
	actual fuel model number)

1-7 7/9/2014

MechAddHigh

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a high severity mechanical add incident using FVS keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	1 11 0
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
F1 1F1 3 44	35 inch, less than 50 inches)
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
ELIETZ) (O	actual fuel model number)
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
	actual fuel model number)

1-8 7/9/2014

MechAddLow

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a low severity mechanical add incident using FVS keywords.

Name	Description	
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.	
Required		
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance	
	time step. (Required by Suppose 2.0 when populating stand lists.)	
Variant	The two character variant identification code. Required by Suppose 2.0 when populating	
	stand lists.	
CycleNum	FVS cycle number	
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)	
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)	
CBD	Crown bulk density from the potential fire report (CrBulkDn)	
СВН	Crown base height from the potential fire report (CrBaseHt)	
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)	
HTDELTA	Change in height from previous time step (Heit1 - Heit2)	
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)	
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)	
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection	
	(see appendix B in EssentialFVS)	
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection	
	(see appendix B in EssentialFVS)	
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the	
	projection (see appendix B in EssentialFVS)	
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to	
	zero, less than 0.25 inch)	
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to	
	0.25 inch, less than 1 inch)	
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1	
	inch, less than 3 inches)	
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3	
	inches, less than 6 inches)	
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6	
	inches, less than 12 inches)	
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to	
	12 inches, less than 20 inches)	
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to	
	20 inches, less than 35 inches)	
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to	
	35 inch, less than 50 inches)	
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,	
THE WORLD	actual fuel model number)	
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,	
	actual fuel model number)	

1-9 7/9/2014

MechAddMid

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a moderate severity mechanical add incident using FVS keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
777.75	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
DI IDI G	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
ELEL O	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
FUEL MA	35 inch, less than 50 inches)
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
ELIEIZMO	actual fuel model number)
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
	actual fuel model number)

7/9/2014

MechRemoveHigh

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a high severity mechanical remove incident using FVS keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
TYPE NA	35 inch, less than 50 inches)
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
ELIELZ) (O	actual fuel model number)
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
	actual fuel model number)

1-11 7/9/2014

MechRemoveLow

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a low severity mechanical remove incident using FVS keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
TWW Tree	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
TYPE 7	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
FILE O	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
FUELM1	35 inch, less than 50 inches) Five IM a de (1.1) accession to de weight of a five I model being used (first five I model selected)
FUELMI	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
FUEKM2	actual fuel model number) FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
FUENNIZ	
	actual fuel model number)

1-12 7/9/2014

MechRemoveMid

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a moderate severity mechanical remove incident using FVS keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
777.75	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
EVEN A	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
FUELO	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
EHELM1	35 inch, less than 50 inches) Five I Mode (1.1), associated weight of a five I model being used (first five I model selected
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected, actual fuel model number)
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
PUEKIVIZ	actual fuel model number)
	actual ruer model number)

1-13 7/9/2014

WindHigh

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a high severity wind incident using FVS keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	1 , 11
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
EVIEV M1	35 inch, less than 50 inches)
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
ELIETZ) (O	actual fuel model number)
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
	actual fuel model number)

1-14 7/9/2014

WindLow

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a low severity wind incident using FVS keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
	35 inch, less than 50 inches)
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
THE WORLD	actual fuel model number)
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
	actual fuel model number)

1-15 7/9/2014

WindMid

This table contains plot-level outputs from the Forest Vegetation Simulator (FVS). The plots were disturbed as a moderate severity wind incident using FVS keywords.

Name	Description
Stand_CN	Database control number. Required by Suppose 2.0 when populating stand lists.
Required	
Year	The stand's inventory year corresponding to IY(1) in FVS and associated post disturbance
	time step. (Required by Suppose 2.0 when populating stand lists.)
Variant	The two character variant identification code. Required by Suppose 2.0 when populating
	stand lists.
CycleNum	FVS cycle number
HEIT	Before-thinning average top height (BTopHt: height, in feet, of 40 largest diameter trees)
PCC	Percent canopy Cover: SpMcDBH(7,All,0,1,200.,0.,500.,0,0.)
CBD	Crown bulk density from the potential fire report (CrBulkDn)
СВН	Crown base height from the potential fire report (CrBaseHt)
PCCDELTA	Change in percent canopy cover from previous time step (PCC1 - PCC2)
HTDELTA	Change in height from previous time step (Heit1 - Heit2)
CBDDELTA	Change in CBD from previous time step (CBD1 - CBD2)
CBHDELTA	Change in CBH from previous time step(CBH1 - CBH2)
FIAFT	Forest type (ForTyp) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIASZ	Stand size class (SizCls) code determined from stand conditions throughout the projection
	(see appendix B in EssentialFVS)
FIAST	Stand stocking class (StkCls) code determined from stand conditions throughout the
	projection (see appendix B in EssentialFVS)
FUEL1	FuelLoad(1,1): Course woody debris in tons/acre for size class (Greater than or equal to
	zero, less than 0.25 inch)
FUEL2	FuelLoad(2,2): Course woody debris in tons/acre for size class (Greater than or equal to
	0.25 inch, less than 1 inch)
FUEL3	FuelLoad(3,3): Course woody debris in tons/acre for size class (Greater than or equal to 1
	inch, less than 3 inches)
FUEL4	FuelLoad(4,4): Course woody debris in tons/acre for size class (Greater than or equal to 3
	inches, less than 6 inches)
FUEL5	FuelLoad(5,5): Course woody debris in tons/acre for size class (Greater than or equal to 6
777.75	inches, less than 12 inches)
FULE6	FuelLoad(6,6): Course woody debris in tons/acre for size class (Greater than or equal to
DI IDI G	12 inches, less than 20 inches)
FUEL7	FuelLoad(7,7): Course woody debris in tons/acre for size class (Greater than or equal to
ETTEL O	20 inches, less than 35 inches)
FUEL8	FuelLoad(8,8): Course woody debris in tons/acre for size class (Greater than or equal to
FUEL MA	35 inch, less than 50 inches)
FUELM1	FuelMods(1,1): associated weight of a fuel model being used (first fuel model selected,
EHEKMO	actual fuel model number)
FUEKM2	FuelMods(2,1): associated weight of a fuel model being used (second fuel model selected,
	actual fuel model number)

1-16 7/9/2014