Attribute		deling Dynamic Enumerated	Fuels with an Index System (Mol Enumerated Value Description	D-FIS) Fire Behavior Fuel Model 40 Data Dictionary
	Description	Value	Enumerated value Description	
		91	NB1	
	These fire behavior fuel models represent	92 93	NB2 NB3	
	distinct distributions of fuel loadings found among surface fuel components (live and	98	NB8	
	dead), size classes and fuel types. The fuel	99	NB9	
	models are described by the most common fire	101 102	GR1 GR2	
Value	carrying fuel type (grass, brush, timber litter or slash), loading and surface area-to-volume ratio by size class and component, fuelbed	103	GR3	
		104	GR4	
	depth and moisture of extinction. Further detail	105	GR5	
	can be found in Scott and Burgan (2005) and Rothermel (1983).	106 107	GR6 GR7	
		108	GR8	
		109	GR9	
		121 122	GS1 GS2	
		123	GS2 GS3	
		124	GS4	
		141 142	SH1	
		143	SH2 SH3	
		144	SH4	
		145	SH5	
		146 147	SH6 SH7	
		147	SH8	
		149	SH9	
		161	TU1	
		162 163	TU2 TU3	
		164	TU4	
		165	TU5	
		181	TL1	
		182 183	TL2 TL3	
		184	TL4	
		185	TL5	
		186	TL6	
		187 188	TL7 TL8	
		189	TL9	
		201	SB1	
		202	SB2 SB3	
		204	SB4	
Count	number of pixels for the corresponding value	l		
Count	number of pixels for the corresponding value	L		
FBFM13	display attribute, fire behavior 40 fuel model	NB1		
	1		Urban	
	1	NB2	Snow/Ice	
	1			
	,	NB2 NB3 NB8 NB9	Snow/Ice Agriculture Water Barren	
		NB2 NB3 NB8 NB9 GR1	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s	short, naturally or heavy grazing, predicted rate of fire spread and flame length low
		NB2 NB3 NB8 NB9 GR1 GR2	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, very coarse, humid clima Moderate load, dry climate grass, o	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior te grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR5	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is Low load, dry climate grass primar Low load, very coarse, humid clim Moderate load, dry climate grass, fue Low load, humid climate grass, fue	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior te grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet lbed depth is about 1-2 feet
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR5 GR6	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, very coarse, humid clim Moderate load, dry climate grass, fue Moderate load, continuous humid climate grass, fue	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior tet grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet climate grass, not so coarse as GR5
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR5	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, very coarse, humid clim Moderate load, dry climate grass, t Low load, humid climate grass, fue Moderate load, continuous humid High load, continuous dry climate grase	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior tet grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet climate grass, not so coarse as GR5
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR5 GR6 GR7	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, very coarse, humid climat Moderate load, dry climate grass, fue Moderate load, continuous humid di High load, continuous dry climate grass, fue Moderate load, dry climate	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior te grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet climate grass, not so coarse as GR5 rass, grass is about 3 feet high
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR5 GR6 GR7 GR8	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, very coarse, humid climate Moderate load, dry climate grass, fue Moderate load, dry climate grass, fue Moderate load, continuous humid High load, continuous humid High load, very coarse, continuous Very high load, dense, tall, humid of cured	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior te grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet libed depth is about 1-2 feet slimate grass, not so coarse as GR5 rass, grass is about 3 feet high , humid climate grass, spread rate and flame length may be extreme if grass is fully cured limate grass, about 6 feet tall, spread rate and flame length can be extreme if grass is fully
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR6 GR6 GR7 GR8 GR9	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, very coarse, humid climate Moderate load, dry climate grass, fue Moderate load, continuous humid di High load, continuous dry climate grass, fue High load, continuous dry climate grass, fue Cured Low load, dry climate grass, fue Low load, dry climate grass-shrub	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior tee grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet limate grass, not so coarse as GR5 rrass, grass is about 3 feet high humid climate grass, spread rate and flame length may be extreme if grass is fully cured limate grass, about 6 feet tall, spread rate and flame length can be extreme if grass is fully shrub about 1 foot high, grass load low, spread rate moderate and flame length low
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR5 GR6 GR7 GR8	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is st Low load, dry climate grass primar Low load, dry climate grass primar Low load, very coarse, humid climate Moderate load, dry climate grass, tue Moderate load, dry climate grass, fue Moderate load, continuous humid climate High load, continuous humid climate High load, very coarse, continuous Very high load, dense, tall, humid cured Low load, dry climate grass-shrub Moderate load, dry climate grass-shrub Moderate load, dry climate grass-shrub	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior tee grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet limate grass, not so coarse as GR5 rarses, grass is about 3 feet high, humid climate grass, spread rate and flame length may be extreme if grass is fully cured slimate grass, about 6 feet tall, spread rate and flame length can be extreme if grass is fully shrub about 1 foot high, grass load low, spread rate moderate and flame length low hrub, shrubs are 1-3 feet high, grass load moderate, spread rate high, and flame length is
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR6 GR6 GR7 GR8 GR9	Snowl/ce Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, dry climate grass primar Low load, very coarse, humid climate Moderate load, dry climate grass, fue Moderate load, dry climate grass, fue Moderate load, continuous humid High load, continuous humid Very high load, very coarse, continuous Very high load, dense, tall, humid cured Low load, dry climate grass-shrub Moderate load, humid climate grass- moderate Moderate load, humid climate grass- moderate	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior the grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet libed depth is about 1-2 feet libed agent as not so coarse as GR5 rass, grass is about 3 feet high, humid climate grass, spread rate and flame length may be extreme if grass is fully cured limate grass, about 6 feet tall, spread rate and flame length can be extreme if grass is fully shrub about 1 foot high, grass load low, spread rate moderate and flame length low hurb, shrubs are 1-3 feet high, grass load moderate, spread rate high, and flame length is s-shrub, moderate grass/shrub load, grass/shrub depth is less than 2 feet, spread rate is high
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR5 GR6 GR7 GR8 GR9 GR9	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, dry climate grass primar Low load, very coarse, humid climat Moderate load, dry climate grass, fue Moderate load, continuous humid d High load, continuous dry climate g High load, very coarse, continuous Very high load, dense, tall, humid cured Low load, dry climate grass-shrub Moderate load, dry climate grass-smoderate Moderate load, humid climate gras and flame length is moderate High load, humid climate grass-shrub High load, humid climate grass-shrub	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior tee grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, or climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet limate grass, not so coarse as GR5 rrass, grass is about 3 feet high, humid climate grass, spread rate and flame length may be extreme if grass is fully cured limate grass, spread rate and flame length can be extreme if grass is fully shrub about 1 foot high, grass load low, spread rate moderate and flame length low hrub, shrubs are 1-3 feet high, grass load moderate, spread rate high, and flame length is s-shrub, moderate grass/shrub load, grass/shrub depth is less than 2 feet, spread rate is high ub, heavy grass/shrub load, depth is greater than 2 feet, spread rate is high and flame length
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR5 GR6 GR7 GR8 GR9 GS1 GS2 GS3	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, dry climate grass primar Low load, very coarse, humid climat Moderate load, dry climate grass, fue Moderate load, continuous humid d High load, continuous dry climate g High load, very coarse, continuous Very high load, dense, tall, humid cured Low load, dry climate grass-shrub Moderate load, dry climate grass-smoderate Moderate load, humid climate gras and flame length is moderate High load, humid climate grass-shrub High load, humid climate grass-shrub	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior tee grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, or climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet limate grass, not so coarse as GR5 rrass, grass is about 3 feet high humid climate grass, spread rate and flame length may be extreme if grass is fully cured limate grass, spread rate and flame length can be extreme if grass is fully shrub about 1 foot high, grass load low, spread rate moderate and flame length low hrub, shrubs are 1-3 feet high, grass load moderate, spread rate high, and flame length is s-shrub, moderate grass/shrub load, grass/shrub depth is less than 2 feet, spread rate is high ub, heavy grass/shrub load, depth is greater than 2 feet, spread rate is high and flame length
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR6 GR7 GR8 GR9 GS1 GS1 GS2 GS3 GS4	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is st. Low load, dry climate grass primar Low load, dry climate grass primar Low load, very coarse, humid climate Moderate load, dry climate grass, tue Moderate load, continuous humid climate grass, de Moderate load, continuous humid climate grass, de High load, very coarse, continuous Very high load, dense, tall, humid cured Low load, dry climate grass-shrub Moderate load, dry climate grass-shrub Moderate load, dry climate grass-sand flame length is moderate High load, humid climate grass-shruey high Low load dry climate shrub, woody low Moderate load dry climate shrub, woody low	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior tet grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, or climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet libed depth is about 1-2 feet limate grass, not so coarse as GR5 rass, grass is about 3 feet high the climate grass, spread rate and flame length may be extreme if grass is fully cured climate grass, about 6 feet tall, spread rate and flame length can be extreme if grass is fully shrub about 1 foot high, grass load low, spread rate moderate and flame length low hrub, shrubs are 1-3 feet high, grass load moderate, spread rate high, and flame length is s-shrub, moderate grass/shrub load, grass/shrub depth is less than 2 feet, spread rate is high ub, heavy grass/shrub load, depth is greater than 2 feet, spread rate is high and flame length shrubs and shrub litter, fuelbed depth about 1 foot, may be some grass, spread rate and flame loody shrubs and shrub litter, fuelbed depth about 1 foot, no grass, spread rate and flame loody shrubs and shrub litter, fuelbed depth about 1 foot, no grass, spread rate and flame loody shrubs and shrub litter, fuelbed depth about 1 foot, no grass, spread rate and flame loody
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR5 GR6 GR7 GR8 GR9 GS1 GS2 GS3 SH1 SH2 SH3	Snowl/ce Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, dry climate grass primar Low load, very coarse, humid climate Moderate load, dry climate grass, fue Moderate load, dry climate grass, fue Moderate load, continuous humid climate High load, continuous humid climate Very high load, dry climate grass-shrub Moderate load, humid climate grass-shrub Moderate load, humid climate grass-shrub Low load dry climate shrub, woody low Moderate load dry climate shrub, woody low Moderate load dry climate shrub, woodrate load, humid climate sh	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior the grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet libed depth is about 1-2 feet libed agent is about 3 feet high plant of limate grass, or so coarse as GR5 reass, grass is about 3 feet high plant defined grass, spread rate and flame length may be extreme if grass is fully cured limate grass, spread rate and flame length can be extreme if grass is fully shrub about 1 foot high, grass load low, spread rate moderate and flame length low hirdly, shrubs are 1-3 feet high, grass load moderate, spread rate high, and flame length is s-shrub, moderate grass/shrub load, grass/shrub depth is less than 2 feet, spread rate is high shrub, shrubs and shrub litter, fuelbed depth about 1 foot, may be some grass, spread rate and flame low by woody shrubs and shrub litter, fuelbed depth about 1 foot, no grass, spread rate and flame low by woody shrubs and shrub litter, possible pine overstory, fuelbed depth 2-3 feet, spread rate
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR5 GR6 GR7 GR8 GR9 GS1 GS2 GS3 SH4 SH1 SH2 SH4	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, dry climate grass primar Low load, very coarse, humid climate Moderate load, dry climate grass, fue Moderate load, continuous humid of High load, continuous humid of High load, continuous dry climate grass- High load, very coarse, continuous Very high load, dense, tall, humid of cured Low load, dry climate grass-shrub Moderate load, dry climate grass- and flame length is moderate High load, humid climate grass-shr very high Low load dry climate shrub, woody low Moderate load dry climate shrub, woody low Moderate load dry climate shrub, woody low Moderate load dry climate shrub, woody and flame low Low load, humid climate shrub, woody and flame low Low load, humid climate timber shr and flame low Low load, humid climate timber shr and flame low Low load, humid climate timber shr about 3 feet, spread rate high and	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior tele grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet libed depth is about 1-2 feet libed depth is about 3 feet high through the street grass is about 3 feet high through the street grass is about 3 feet high through the street grass is about 3 feet high through the street grass is fully cured dilmate grass, spread rate and flame length may be extreme if grass is fully cured dilmate grass, about 6 feet tall, spread rate and flame length can be extreme if grass is fully shrub about 1 foot high, grass load low, spread rate moderate and flame length low hrub, shrubs are 1-3 feet high, grass load moderate, spread rate high, and flame length is s-shrub, moderate grass/shrub load, grass/shrub depth is less than 2 feet, spread rate is high ub, heavy grass/shrub load, depth is greater than 2 feet, spread rate is high and flame length shrubs and shrub litter, fuelbed depth about 1 foot, may be some grass, spread rate and flame low b, woody shrubs and shrub litter, fuelbed depth about 1 foot, no grass, spread rate and flame low b, woody shrubs and shrub litter, foesible pine overstory, fuelbed depth 2-3 feet, spread rate ub, woody shrubs and shrub litter, low to moderate load, possible pine overstory, fuelbed depth lame moderate
		NB2 NB3 NB8 NB9 GR1 GR2 GR3 GR4 GR5 GR6 GR7 GR8 GR9 GS1 GS2 GS3 SH1 SH2 SH3	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is s Low load, dry climate grass primar Low load, dry climate grass primar Low load, very coarse, humid climate Moderate load, dry climate grass, fue Moderate load, dry climate grass, fue Moderate load, continuous humid climate High load, continuous humid climate Very high load, dery climate grass-shrub Moderate load, dry climate grass-shrub Moderate load, dry climate grass-shrub Moderate load, dry climate grass-shrub Moderate load, humid climate grass-shrub Moderate load, humid climate grass-shrub Word grate load, humid climate grass-shrub Moderate load dry climate shrub, woody low Moderate load dry climate shrub, woody Moderate load dry climate shrub, woodrate load, humid climate timber shrub Moderate load, humid climate timber shrub Moderate load, humid climate timber shrub Moderate load, humid climate trabers-shrub Moderate load, humid climate trabers-shrub Moderate load, humid climate grass-shrub Moderate load, humid climate grass-s	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior tee grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, or climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet limate grass, not so coarse as GR5 reass, grass is about 3 feet high prices, provided and flame length may be extreme if grass is fully cured climate grass, spread rate and flame length may be extreme if grass is fully cured climate grass, about 6 feet tall, spread rate and flame length can be extreme if grass is fully shrub about 1 foot high, grass load low, spread rate moderate and flame length low hrub, shrubs are 1-3 feet high, grass load moderate, spread rate high, and flame length is seshrub, moderate grass/shrub load, grass/shrub depth is less than 2 feet, spread rate is high ub, heavy grass/shrub load, depth is greater than 2 feet, spread rate is high and flame length shrubs and shrub litter, fuelbed depth about 1 foot, no grass, spread rate and flame low b, woody shrubs and shrub litter, fuelbed depth about 1 foot, no grass, spread rate and flame low b, woody shrubs and shrub litter, possible pine overstory, fuelbed depth 2-3 feet, spread rate ub, woody shrubs and shrub litter, low to moderate load, possible pine overstory, fuelbed depth
		NB2 NB3 NB8 NB9 NB9 GR1 GR2 GR3 GR4 GR5 GR6 GR7 GR8 GR9 GS1 GS1 GS2 GS3 GS4 SH1 SH2 SH3 SH4 SH5	Snow/Ice Agriculture Water Barren Short, sparse dry climate grass is: Low load, dry climate grass primar Low load, dry climate grass, primar Low load, very coarse, humid clim Moderate load, dry climate grass, fue Moderate load, continuous humid d High load, cuntinuous dry climate; High load, centinuous dry climate; High load, very coarse, continuous Very high load, dense, tall, humid cured Low load, dry climate grass-shrub Moderate load, dry climate grass-shrub Moderate load, humid climate grass-and flame length is moderate High load, humid climate grass-shrueny high Low load dry climate shrub, woody low Moderate load dry climate shrub, woody low Moderate load, humid climate grass-shrueny high Low load, humid climate timber shrub, woody low Moderate load, humid climate timber shrub, woody low Moderate load, humid climate timber shrub, woody low low Moderate load, humid climate timber shrub, woody low	ly grass with some small amounts of fine, dead fuel, any shrubs do not affect fire behavior tele grass continuous, coarse humid climate grass, any shrubs do not affect fire behavior continuous, dry climate grass, fuelbed depth about 2 feet libed depth is about 1-2 feet libed depth is about 1-2 feet libed depth is about 1-2 feet libed telepth is about 3 feet high humid climate grass, spread rate and flame length may be extreme if grass is fully cured dimate grass, spout 6 feet tall, spread rate and flame length can be extreme if grass is fully cured shrub about 1 foot high, grass load low, spread rate moderate and flame length low hrub, shrubs are 1-3 feet high, grass load moderate, spread rate high, and flame length is s-shrub, moderate grass/shrub load, grass/shrub depth is less than 2 feet, spread rate is high ub, heavy grass/shrub load, depth is greater than 2 feet, spread rate is high and flame length shrubs and shrub litter, fuelbed depth about 1 foot, may be some grass, spread rate and flame low b, woody shrubs and shrub litter, fuelbed depth about 1 foot, no grass, spread rate and flame low b, woody shrubs and shrub litter, foelbed depth about 1 foot, no grass, spread rate and flame low b, woody shrubs and shrub litter, foelbed depth about 1 foot, poes grass, spread rate and flame low b, woody shrubs and shrub litter, fow to moderate load, possible pine overstory, fuelbed depth about 2 feet, spread rate and flame very high ody shrubs and shrub litter, dense shrubs, little or no herbaceous fuel, depth about 2 feet, voody shrubs and shrub litter, very heavy shrub load, depth 4-6 feet, spread rate somewhat no coody shrubs and shrub litter, very heavy shrub load, depth 4-6 feet, spread rate somewhat no coody shrubs and shrub litter, very heavy shrub load, depth 4-6 feet, spread rate somewhat no coody shrubs and shrub litter, very heavy shrub load, depth 4-6 feet, spread rate somewhat no coody shrubs and shrub litter, very heavy shrub load, depth 4-6 feet, spread rate somewhat no coody shrubs and shrub litter
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		TU5	Very high load, dry climate shrub, heavy forest litter with shrub or small tree understory, spread rate and flame moderate
			Low load compact conifer litter, compact forest litter, light to moderate load, 1-2 inches deep, may represent a recent burn, spre-
		TL1	rate and flame low
		TL2	Low load broadleaf litter, broadleaf, hardwood litter, spread rate and flame low
		TL3	Moderate load conifer litter, moderate load conifer litter, light load of coarse fuels, spread rate and flame low
		TL4	Small downed logs moderate load of fine litter and coarse fuels, small diameter downed logs, spread rate and flame low
		TL5	High load conifer litter, light slash or dead fuel, spread rate and flame low
		TL6	Moderate load broadleaf litter, spread rate and flame moderate
		TL7	Large downed logs, heavy load forest litter, larger diameter downed logs, spread rate and flame low
		TL8	Long needle litter, moderate load long needle pine litter, may have small amounts of herbaceous fuel, spread rate moderate and flame low
		TL9	Very high load broadleaf litter, may be heavy needle drape, spread rate and flame moderate
		SB1	Low load activity fuel, light dead and down activity fuel, fine fuel is 10-20 t/ac, 1-3 inches in diameter, depth < 1 foot, spread rate moderate and flame low
		SB2	Moderate load activity fuel or low load blowdown, 7-12 t/ac, 0-3 inch diameter class, depth about 1 foot, blowdown scattered with many still standing, spread rate and flame low
		SB3	High load activity fuel or moderate load blowdown, heavy dead down activity fuel or moderate blowdown, 7-12t/ac, 025 inch diameter class, depth > 1 foot, blowdown moderate, spread rate and flame high
		SB4	High load blowdown, heavy blowdown fuel, blowdown total, foliage and fine fuel still attached to blowdown, spread rate and flam very high
Red	Red color value/255	0 -1	
Green	Green color value/255	0-1	
Blue	Blue color value/255	0-1	
For mor	e information, refer to: http://www.fs.fed.	us/rm/pubs/rmrs at	r153.pdf