

**LANDFIRE Modeling Dynamic Fuels with an Index System (MoD-FIS) Existing Vegetation Cover Data Dictionary**

Attribute	Description	Enumerated Value	Enumerated Value Description
<b>Value</b>	Existing vegetation cover (EVC) depicts percent canopy cover by life form. EVC has a potential range of 0-100 percent canopy cover. Values are binned into discrete classes (up to 10 bins at 10 percent intervals for tree, shrub and herbaceous canopy cover).	11	Open Water
		12	Snow/Ice
		13	Developed-Upland Deciduous Forest
		14	Developed-Upland Evergreen Forest
		15	Developed-Upland Mixed Forest
		16	Developed-Upland Herbaceous
		17	Developed-Upland Shrubland
		18	Developed-Herbaceous Wetland Vegetation
		19	Developed-Woody Wetland Vegetation
		20	Developed - General
		21	Developed - Open Space
		22	Developed - Low Intensity
		23	Developed - Medium Intensity
		24	Developed - High Intensity
		25	Developed-Roads
		31	Barren
		32	Quarries-Strip Mines-Gravel Pits
		60	NASS-Orchard
		61	NASS-Vineyard
		62	NASS-Bush fruit and berries
63	NASS-Row Crop-Close Grown Crop		
64	NASS-Row Crop		
65	NASS-Close Grown Crop		
66	NASS-Pasture and Hayland		
67	NASS-Pasture and Hayland		
68	NASS-Wheat		
69	NASS-Aquaculture		
75	Herbaceous Semi-dry		
76	Herbaceous Semi-wet		
78	Recently Disturbed Forest		
80	Agriculture - General		
81	Pasture/Hay		
82	Cultivated Crops		
83	Small Grains		
84	Fallow		
85	Urban-Recreational Grasses		
95	Herbaceous Wetlands		
100	Sparse Vegetation Canopy		
101	Tree Cover >= 10 and < 20%		

		102	Tree Cover >= 20 and < 30%
		103	Tree Cover >= 30 and < 40%
		104	Tree Cover >= 40 and < 50%
		105	Tree Cover >= 50 and < 60%
		106	Tree Cover >= 60 and < 70%
		107	Tree Cover >= 70 and < 80%
		108	Tree Cover >= 80 and < 90%
		109	Tree Cover >= 90 and <= 100%
		111	Shrub Cover >= 10 and < 20%
		112	Shrub Cover >= 20 and < 30%
		113	Shrub Cover >= 30 and < 40%
		114	Shrub Cover >= 40 and < 50%
		115	Shrub Cover >= 50 and < 60%
		116	Shrub Cover >= 60 and < 70%
		117	Shrub Cover >= 70 and < 80%
		118	Shrub Cover >= 80 and < 90%
		119	Shrub Cover >= 90 and <= 100%
		121	Herb Cover >= 10 and < 20%
		122	Herb Cover >= 20 and < 30%
		123	Herb Cover >= 30 and < 40%
		124	Herb Cover >= 40 and < 50%
		125	Herb Cover >= 50 and < 60%
		126	Herb Cover >= 60 and < 70%
		127	Herb Cover >= 70 and < 80%
		128	Herb Cover >= 80 and < 90%
		129	Herb Cover >= 90 and <= 100%
		150	Sparse Vegetation Canopy
		151	Tree Canopy >= 10 and < 25%
		152	Tree Canopy >= 25 and < 60%
		153	Tree Canopy >= 60 and <= 100%
		161	Shrub Canopy >= 10 and < 25%
		162	Shrub Canopy >= 25 and < 60%
		163	Shrub Canopy >= 60 and <= 100%
		171	Herb Canopy >= 10 and < 60%
		172	Herb Canopy >= 60 and <= 100%
<b>Count</b>	number of pixels for the corresponding value		
<b>Classnames</b>	Display attribute, EVC is represented with percent and binned in 10 percent intervals for CONUS and HI. EVC intervals for AK are courser.		
		Open Water	NLCD class
		Snow/Ice	NLCD class
		Developed-Upland Deciduous Forest	NLCD class
		Developed-Upland Evergreen Forest	NLCD class

Developed-Upland Mixed Forest	NLCD class
Developed-Upland Herbaceous	NLCD class
Developed-Upland Shrubland	NLCD class
Developed-Herbaceous Wetland Veg	NLCD class
Developed-Woody Wetland Veg	NLCD class
Developed - General	NLCD class
Developed - Open Space	NLCD class
Developed - Low Intensity	NLCD class
Developed - Medium Intensity	NLCD class
Developed - High Intensity	NLCD class
Developed-Roads	NLCD class
Barren	NLCD class
Quarries-Strip Mines-Gravel Pits	NLCD class
NASS-Orchard	NASS class
NASS-Vineyard	NASS class
NASS-Bush fruit and berries	NASS class
NASS-Row Crop-Close Grown Crop	NASS class
NASS-Row Crop	NASS class
NASS-Close Grown Crop	NASS class
NASS-Fallow/Idle Cropland	NASS class
NASS-Pasture and Hayland	NASS class
NASS-Wheat	NASS class
NASS-Aquaculture	NASS class
Herbaceous Semi-dry	LANDFIRE class
Herbaceous Semi-wet	LANDFIRE class
Recently Disturbed Forest	LANDFIRE class
Agriculture - General	NLCD class
Pasture/Hay	NLCD class
Cultivated Crops	NLCD class
Small Grains	NLCD class
Fallow	NLCD class
Urban-Recreational Grasses	NLCD class
Herbaceous Wetlands	NLCD class
Sparse Vegetation Canopy	NLCD class
Tree Cover $\geq 10$ and $< 20\%$	LANDFIRE class
Tree Cover $\geq 20$ and $< 30\%$	LANDFIRE class
Tree Cover $\geq 30$ and $< 40\%$	LANDFIRE class
Tree Cover $\geq 40$ and $< 50\%$	LANDFIRE class
Tree Cover $\geq 50$ and $< 60\%$	LANDFIRE class
Tree Cover $\geq 60$ and $< 70\%$	LANDFIRE class
Tree Cover $\geq 70$ and $< 80\%$	LANDFIRE class
Tree Cover $\geq 80$ and $< 90\%$	LANDFIRE class

		Tree Cover >= 90 and <= 100%	LANDFIRE class
		Shrub Cover >= 10 and < 20%	LANDFIRE class
		Shrub Cover >= 20 and < 30%	LANDFIRE class
		Shrub Cover >= 30 and < 40%	LANDFIRE class
		Shrub Cover >= 40 and < 50%	LANDFIRE class
		Shrub Cover >= 50 and < 60%	LANDFIRE class
		Shrub Cover >= 60 and < 70%	LANDFIRE class
		Shrub Cover >= 70 and < 80%	LANDFIRE class
		Shrub Cover >= 80 and < 90%	LANDFIRE class
		Shrub Cover >= 90 and <= 100%	LANDFIRE class
		Herb Cover >= 10 and < 20%	LANDFIRE class
		Herb Cover >= 20 and < 30%	LANDFIRE class
		Herb Cover >= 30 and < 40%	LANDFIRE class
		Herb Cover >= 40 and < 50%	LANDFIRE class
		Herb Cover >= 50 and < 60%	LANDFIRE class
		Herb Cover >= 60 and < 70%	LANDFIRE class
		Herb Cover >= 70 and < 80%	LANDFIRE class
		Herb Cover >= 80 and < 90%	LANDFIRE class
		Herb Cover >= 90 and <= 100%	LANDFIRE class
		Sparse Vegetation Canopy	LANDFIRE class
		Tree Canopy >= 10 and < 25%	LANDFIRE class
		Tree Canopy >= 25 and < 60%	LANDFIRE class
		Tree Canopy >= 60 and <= 100%	LANDFIRE class
		Shrub Canopy >= 10 and < 25%	LANDFIRE class
		Shrub Canopy >= 25 and < 60%	LANDFIRE class
		Shrub Canopy >= 60 and <= 100%	LANDFIRE class
		Herb Canopy >= 10 and < 60%	LANDFIRE class
		Herb Canopy >= 60 and <= 100%	LANDFIRE class
<b>Red</b>	Red color value/255		
		0 -1	
<b>Green</b>	Green color value/255		
		0-1	
<b>Blue</b>	Blue color value/255		
		0-1	