

MLCCS code	comments	level 1	level 2	level 3
0		unknown		
10000		Artificial surfaces		
11000			Artificial surfaces with tree cover	
11210	assumes deciduous is dominate			4% to 10% impervious cover with trees
11220	assumes deciduous is dominate			11% to 25% impervious cover with trees
11230	assumes deciduous is dominate			26% to 50% impervious cover with trees
11240	assumes deciduous is dominate			51% to 75% impervious cover with trees
13000			Artificial surfaces with grass cover	
13110				4% to 10% impervious cover with grasses and sparse trees
13120				11% to 25% impervious cover with grasses and sparse trees
13130				26% to 50% impervious cover with grasses and sparse trees
13140				51% to 75% impervious cover with grasses and sparse trees
13210				4% to 10% impervious cover with grasses
13220				11% to 25% impervious cover with grasses
13230				26% to 50% impervious cover with grasses
13240				51% to 75% impervious cover with grasses
14000			Artificial surfaces with buildings and pavement	
14110				76% to 90% impervious cover with buildings and pavement
14120				91% to 100% impervious cover with buildings and pavement
14200			Artificially exposed earth	
14210				0% to 10% impervious cover exposed earth
14220				11% to 25% impervious cover exposed earth
14230				26% to 50% impervious cover exposed earth
20000		Planted or Cultivated Vegetation		
21000			Planted, maintained or cultivated trees	
21100				Planted, maintained or cultivated coniferous trees (pine plantations)
21200				Planted, maintained or cultivated deciduous trees (orchards and nurseries)
21300				Planted, maintained or cultivated mixed trees (nurseries)
23200			Planted and maintained grasses	
23211	assumes upland soils			Short grasses (ball fields, golf courses, pastures, etc.)
23212	assumes upland soils			Long grasses (hayfields, fallow land, etc.)
24000			Cultivated herbaceous vegetation (cropland)	
24110	assumes row crop			Cropland on upland soils
24120	assumes row crop			Cropland on hydric soils
30000		Forests		
32100	assumes deciduous is dominate		Upland forest	
31100				Upland coniferous forest
32100				Upland deciduous forest
33100				Upland mixed forest
32200	assumes temporarily flooded deciduous		Wetland forest	
31200				Wetland coniferous forest
32200				Wetland deciduous forest
42000	assumes deciduous is dominate		Woodland	
42200				Wetland woodland
50000		Shrublands		
52100			Upland shrublands	
52100				Upland deciduous shrublands
52300	assumes saturated deciduous		Wetland shrublands	
51100				Wetland coniferous / evergreen shrublands
52300	assumes saturated deciduous shrubland			Wetland deciduous shrublands
60000		Herbaceous		
61200	assumes medium-tall grassland		Upland grassland	
61300				Temporarily flooded grasslands
61400	assumes saturated soils			Saturated grasslands (emergent wetlands, wet praires, meadows, marshes, and fens)
61500				Seasonally flooded grasslands
61600				Semipermanently flooded grasslands
61700				Intermittently exposed grassland
61800				Permanently flooded grasslands
62100				Grassland with sparse trees (savannas)
62300				Temporarily flooded grassland with sparse trees
80000		Sparse vegetation		
81200			Upland sparse vegetation	
81100				Cliffs
82000				Upland naturally exposed earth (bedrock, talus, cobble, etc.)
83200	assumes sand is dominate		Wetland sparse vegetation	
83310				Mud flats
83210				Sandy and gravel shores
90000		Water		
91000			River	
92000			Lake	
93000			Open wetland	