

Land Cover / Use Conversion Table

MIRIS Version II***	Current Use Inventory (MIRIS)**	Michigan Land Cover/Use Classification*
URBAN	URBAN AND BUILT UP LANDS	1 Urban & Built Up
Residential	Residential	11 Residential
111 Multi-family: high-rise	111 Multi-family, medium- to high-rise	111 Multi-family, medium- to high-rise
112 Multi-family: low-rise	112 Multi-family, low-rise	112 Multi-family, low-rise
113 Single family	113 Single family / duplex [Single family] [Duplex]	113 Single-family / duplex
114 Duplex		<i>1131 Single family</i>
		<i>1132 Duplex</i>
115 Mobile Home	[Mobile home]	1135 Mobile home
	115 Mobile home park	115 Mobile home parks

[] Category not mapped, but part of the larger system and used in the definition of the higher category under which it is shown.

Combination of categories necessary for comparison with the original Current Use Inventory. NOTE that a number of MIRIS Version II combinations are inconsistent with the Current Use Inventory by combining features from two different level three or level two categories.

— — — {} Conversion between the systems for categories which have been changed.

* As developed by the Michigan Land Use Classification and Referencing Committee (1976) and adopted by the Michigan Inventory Advisory Committee (IAC, 1980). Suggested changes shown in *italics*.

** Current Use Classification System adopted by the IAC (1980).

*** Land Cover/Use Classification System Version II, MIRIS, Resource Mapping and Aerial Photography Section. Definitional changes inconsistent with the original Current Use Inventory shown in **bold**. Category re-numbering shown in **bold italic**.

MIRIS Version II

Current Use Inventory (MIRIS)

Michigan Land Cover/Use Classification

Commercial, Services, Institutional

12 Commercial, services and Institutional

12 Commercial, Services, & Institutional

121 Central Business District

121 Primary / central business district

121 Primary / central business district

122 Retail Center

122 Shopping center / malls

122 Shopping center / *malls / retail centers*

[large national or regional chain stores]

[125 large national or regional chain stores]

[large national or regional chain stores]

124 Other Retail, Services

124 Secondary / neighborhood business district

124 Secondary / neighborhood business district

[Hotels, tourist courts, motels]

[1167 Hotels, tourist courts, motels]

[Hotels, tourist courts, motels]

[Indoor movie theater]

[1272 Indoor movie theater]

[Indoor movie theater]

[Bowling alley, ice rink, and recreation hall]

[1273 Bowling alley, ice rink, and recreation hall]

[Bowling alley, ice rink, and recreation hall]

[Drive-in movie theater]

[miniature golf, driving range]

{19 Open land and other}

[Auditorium, arena, and convention/exhibition hall]

125 Public Assembly

[127 Auditorium, arena, convention/exhibition hall, multiple purpose recreation center, library, museum, art gallery, and civic center]

127 Indoor cultural, public assembly, and recreation

[Amphitheater, baseball and football stadium, and racetrack]

[Auditorium, arena, and convention/exhibition hall]

[Auditorium, arena, convention/exhibition hall, multiple purpose recreation center, library, museum, art gallery, and civic center]

126 Institutional

126 Institutional

126 ~~Other~~ Institutional

[multiple purpose recreation center, library, museum, art gallery, and civic center]

128 Office

12, 121, or 124

128 Office

Industrial

13 Industrial

13 Industrial

138 Other Industrial

[power generation plant]

{1461 Electrical production and transmission}

[power generation plant]

[Petroleum storage]

{146 Utilities}

139 Industrial Park

138 Industrial parks

138 Industrial parks

MIRIS Version II

Transportation, Communication, Utilities

- 141 Air Transportation
- 142 Rail Transportation
- 143 Water Transportation
- 144 Road Transportation
- 145 Communication

146 **Utility Line**

147 **Waste Disposal**

[Tailings basins]

148 **Other Utility**

[Water treatment plant, and sewage treatment plant]

[water storage towers, water well sites, and water control structures associated with reservoirs]

Current Use Inventory (MIRIS)

14 Transportation, Communication and Utilities

- 141 Air transportation
- [142 Rail transportation]
- 143 Water transportation
- [144 Road transportation]
- 145 Communications

146 Utilities

{138} [1463 Petroleum storage and transmission]

?

{17 Extractive}

Michigan Land Cover/Use Classification

14 Transportation, Communication & Utilities

- 141 Air transportation
- 142 Rail transportation
- 143 Water transportation
- 144 Road transportation
- 145 Communications

146 Utilities

1461 **Utility line**

1464 Solid waste disposal and transfer

1465 Sewage treatment and transmission

1466 Water treatment and transmission

1467 Other

[Water storage towers, water well sites, and water control structures associated with reservoirs]

MIRIS Version II

Current Use Inventory (MIRIS)

~~Michigan Land Cover/Use Classification System~~

Extractive

171 Open Pit: Sand and Gravel

172 Underground Mine

173 Wells

174 Open pit: Rock

17 Extractive

171 Open pit

1711 Metallic mineral quarry

1712 Nonmetallic mineral quarry

1714 Sand and gravel

172 Underground

1721 Metallic

173 Wells

1731 Oil

{147} — — [Tailings basins]

17 Extractive

171 Open pit

1711 Metallic mineral quarry

1712 Nonmetallic mineral quarry

1714 Sand and gravel

172 *Underground*

173 Wells

MIRIS Version II

Recreation, Open Use

191 Marina, Boat Launch

192 Campground

193 Day-Use Recreation

[Park, plaza, golf course, zoo, fairground, amusement park, shooting range, ski area, **historical site**, botanical garden, and arboretum]

195 Group Camp

194 Cemeteries

Current Use Inventory (MIRIS)

19 Open land and other

193 Outdoor recreation

{124}

[1922 Drive-in movie]

[1933 Miniature golf and golf driving range]

{125}

[192 Amphitheater, baseball and football stadium, and racetrack]

194 Cemeteries

Michigan Land Cover/Use Classification

19 Open Land & Other

191 Outdoor cultural

[Botanical gardens, arboretums, and zoos]

[1913 Historical sites]

192 Outdoor public assembly

[Amphitheaters, drive-in movie theaters, stadiums, racetracks, fairgrounds, and amusement parks]

193 Outdoor recreation

[1931 Parks]

[1932 Play, games, and athletics]

1933 Sports areas

[Golf courses, miniature golf courses, golf driving ranges, and shooting ranges]

1934 Other land-based activities

[Campgrounds, ski areas, and group camps]

1935 Water-dependent recreation

[Marinas and yacht basins]

194 Cemeteries

MIRIS Version II

Current Use Inventory (MIRIS)

Michigan Land Cover/Use Classification

Agriculture

21 Cropland

22 Orchard, Vineyard

26 Ornamental

23 Confined Feeding

24 Permanent Pasture

25 Farmstead

29 Other Agricultural

[Animal breeding facilities]

Agricultural Lands

21 Cropland

22 Orchards, bush fruits, vineyards and ornamental horticulture areas

[223 Ornamental horticulture and nurseries]

23 Confined feeding operations

[239 Fur-bearing animal farms]

24 Permanent pasture

29 Other agricultural land

[291 Farmsteads]

2 Agricultural Land

21 Cropland, ~~Rotation & Permanent Pasture~~

22 Orchards, Bush-Fruits, Vineyards and Ornamental Horticulture Areas

223 Ornamental horticulture and nurseries

23 Confined Feeding Operations

[Fur-bearing animal farms]

24 Permanent pasture

29 Other Agricultural Land

291 Farmsteads

Upland Field

31 Upland Grass

32 Upland Shrub

Savanna

331 Hardwood Savanna

332 Coniferous Savanna

34 Vacant

Nonforested Lands

31 Herbaceous openland

32 Shrubland

33 Pine or oak opening (savanah)

?

3 Grass and shrub Lands

31 Grasses and forbs

32 Shrubs

33 Pine or oak opening (prairie)

331 Hardwood

332 Coniferous

34 Vacant

MIRIS Version II

Current Use Inventory (MIRIS)

Michigan Land Cover/Use Classification

[Upland Forest

Deciduous

413 Aspen-Birch

419 Other Upland Hardwood

Coniferous

421 Pine

422 Other Upland Conifer

429 Christmas tree

43 Mixed Deciduous-Coniferous

44 Clearcut

4 Forest Land

41 Broadleaved forest (generally deciduous)

411 Northern hardwood

412 Central hardwood

413 Aspen, white birch and associated species

{614} — — 414 Lowland hardwoods

42 Coniferous forest

421 Pine

422 Other upland conifers

{613} — — 423 Lowland conifers

429 Managed christmas tree plantation

4

4 Forest Land

41 Broadleaved Forest (~~generally deciduous~~)

411 Northern hardwood

412 Central hardwoods / oak

413 Aspen, white birch and associated species

414 Lowland hardwoods

42 Coniferous Forest

421 Pines

422 Other upland conifers

423 Lowland conifers

429 Managed Christmas tree plantation

43 Mixed Conifer-Broadleaved Forest

44 Clearcut

Open Water

51 River, Stream, Canal

52 Lake, Pond

53 Reservoirs

54 Great Lakes

Water Bodies

51 Streams and waterways

52 Lakes

53 Reservoirs

54 Great Lakes

5 Water

51 Streams & Waterways

52 Lakes

53 Reservoirs

54 Great Lakes

MIRIS Version II

Current Use Inventory (MIRIS)

Michigan Land Cover/Use Classification

Wetlands

Forested

613 Lowland conifer — — — — — {423}

614 Lowland hardwood — — — — — {414}

615 Mixed forested wetlands — — — ?

Non-forested

622 Emergent

623 Flats

625 Shrub/scrub

629 Other non-forested wetland — — ?

Aquatic bed

631 Floating aquatic bed

632 Floating aquatic bed: Great Lakes

633 Submerged aquatic bed

634 Submerged aquatic bed: Great Lakes

6 Wetlands

[61] Forested (wooded) wetlands

611 Wooded wetland

612 Shrub/scrub wetland

62 Nonforested wetlands

621 Aquatic bed wetland

622 Emergent wetland

623 Flats

6 Wetlands

61 Forested (wooded) Wetlands

[613] Lowland Conifers

[614] Lowland hardwoods

[615] Mixed forested wetlands

612 Shrub/scrub wetland

62 Non-Forested (non-wooded) Wetlands

621 Aquatic bed wetland

6211 Floating aquatic bed

62111 Great Lakes

6212 Submerged aquatic bed

62121 Great Lakes

622 Emergent wetland

623 Flats

? — — — — 629 Other non-forested wetland

Barren

72 Beach, Riverbank

73 Sand Dune, Exposed Bluff

74 Rock Outcrop

79 Other

[Eroded soil conditions] — — — — ?

7 Barren Land

72 Beach and riverbanks

73 Sand dunes

74 Bare exposed rocks

7 Barren

72 Beaches & Riverbanks

73 Sand dunes / exposed bluff

74 Bare exposed rock