

## Michigan Land Cover/Use Classification System Recode to MIRIS Version II

	<u>MI</u>	<u>MIRIS II</u>
1 Urban & Built Up	1	1
11 Residential	11	11
111 Multi-family, medium- to high-rise	111	111
112 Multi-family, low-rise	112	112
113 Single family / duplex		
1131 Single family	1131	113
1132 Duplex	1132	114
1135 Mobile home	1135	115
115 Mobile home parks	115	
12 Commercial, Services, & Institutional	12	12
121 Primary / central business district	121	121
122 Shopping center / malls / retail centers	122	122
124 Secondary / neighborhood business district	124	124
127 Indoor cultural, public assembly, and recreation		
[Auditorium, arena, and convention/exhibition hall]		125
[Multiple purpose recreation center, library, museum, art gallery, and civic center]		126
126 Institutional	126	
128 Office	128	128
13 Industrial	13	138
138 Industrial park	138	139
14 Transportation, Communications & Utilities	14	14

	<u>M</u>	<u>MIRIS II</u>
141 Air transportation	141	141
142 Rail transportation	142	142
143 Water transportation	143	143
144 Road transportation	144	144
145 Communications	145	145
146 Utilities		
1461 Utility line	1461	146
1463 Petroleum storage and transmission	1463	138
1464 Solid waste disposal and transfer	1464	147
1465 Sewage treatment and transmission	1465	148
1466 Water treatment and transmission	1466	
1467 Other	1467	
[15] Industrial park		
17 Extractive	17	17
[Tailings Basins]	147	
171 Open pit		
1711 Metallic mineral quarry	1711	174
1712 Nonmetallic mineral quarry	1712	
1713 Sand and gravel	1714	171
172 Underground	172	172
173 Wells	173	173
19 Open Land & other	19	19
191 Outdoor cultural	191	193
192 Outdoor public assembly	192	125

	<u>MI</u>	<u>MIRIS II</u>
[Drive-in movie] _____		124
193 Outdoor recreation		
1933 Sports areas		
[Golf courses and shooting ranges] _____		193
[Miniature golf courses and golf driving ranges] _____		124
1934 Other land-based activities		
[Campground] _____		192
[Ski areas] _____		193
[Group camp] _____		195
1935 Water-dependent recreation	1935	191
194 Cemeteries	194	194
2 Agricultural Land	2	2
21 Cropland	21	21
22 Orchards, Bush-Fruits, Vineyards, and Ornamental Horticultural Areas		
[Orchards, Bush-Fruits, and Vineyards] _____		22
223 Ornamental horticulture and nurseries	223	26
23 Confined Feeding Operations	23	23
[Fur-bearing animal farms] _____		29
24 Permanent pasture	24	24
29 Other Agricultural Land		
[Greenhouses, mushroom houses, horse training facilities, riding or boarding stables, and barns or outbuildings] _____		29
291 Farmsteads	291	25

	<u>MI</u>	<u>MIRIS II</u>
3 Grass and Shrub Lands	3	3
31 Grasses and forbs	31	31
32 Shrubs	32	32
33 Pine or oak opening (prairie)	33	33
331 Hardwood	331	331
332 Coniferous	332	332
34 Vacant	34	34
4 Forest Land		
41 Broadleaved Forest		
411 Northern hardwoods	411	419
412 Central hardwoods / oak	412	
413 Aspen, white birch, and associated species	413	413
414 Lowland hardwoods	414	614
42 Coniferous Forest		
421 Pines	421	421
422 Other upland conifers	422	422
423 Lowland conifers	423	613
429 Managed Christmas tree plantation	429	429
43 Mixed Conifer-Broadleaved forest	43	43
44 Clearcut	44	44
5 Water	5	5
51 Streams & Waterways	51	51
52 Lakes	52	52

	<u>MI</u>	<u>MIRIS II</u>
53 Reservoirs	53	53
54 Great Lakes	54	54
6 Wetlands		
61 Forested (wooded) Wetlands		
[613] Lowland conifers		
[614] Lowland hardwoods		
[615] Mixed forested wetlands		
612 Shrub / scrub wetland	612	625
62 Non-Forested (non-wooded) Wetlands		
621 Aquatic bed wetland		
6211 Floating aquatic bed	6211	631
62111 Great Lakes	62111	632
6212 Submerged aquatic bed	6212	633
62121 Great Lakes	62121	634
622 Emergent wetland	622	622
623 Flats	623	623
629 Other non-forested wetland	629	629
7 Barren	7	7
72 Beaches & Riverbanks	72	72
73 Sand dunes / exposed bluff	73	73
74 Bare exposed rock	74	74