

Major Land Resource Area 139X

Lake Erie Glaciated Plateau

Accessed: 05/11/2025

Ecological site keys

MLRA 139

- 1a. Great Lakes shoreline. ... F139XY001OH – Coastal Dune Complex
- 1b. Inland or adjacent to rivers.
 - 2a. Upland and not floodplain, watertable >25 cm (well drained to somewhat poorly drained).
 - 3a. Carbonates within 200 cm, soils usually circumneutral (pH upper 50 cm $\geq$ 5.5).
 - 4a. Moist, watertable 25-100 cm (moderately well drained to somewhat poorly drained). ... F139XY002OH – Moist Calcareous Drift Flats
 - 4b. Dry, watertable $\geq$ 100 cm (well drained). ... F139XY003OH – Dry Calcareous Drift Plains
 - 3b. No carbonates within 200 cm, soils usually acidic (pH upper 50 cm < 5.5).
 - 5a. Deep soil, bedrock $\geq$ 150 cm, or water table < 100 cm.
 - 6a. Warm, humid climate, warmest 6 months average $\geq$ 16°C (mean annual precipitation usually < 1100 mm).
 - 7a. Moist, watertable 25-100 cm (moderately well drained to somewhat poorly drained), or slopes > 15% (usually lower slope positions). ... F139XY004OH – Moist Acidic Slopes
 - 7b. Dry, watertable $\geq$ 100 cm (well drained), and slopes < 15%. ... F139XY005OH – Dry Acidic Drift Plains
 - 6b. Cool, perhumid climate, warmest 6 months average < 16°C (mean annual precipitation often $\geq$ 1100 mm). ... F139XY006OH – Moist Drift Highlands
 - 5b. Shallow soil, bedrock within 150 cm (usually upper slope positions), and no water table < 100 cm. ... F139XY007OH – Shallow Acidic Slopes
- 2b. Wetland or floodplain, watertable <25 cm (poorly to very poorly drained).
 - 8a. Floodplains or River mouths.
 - 9a. Floodplains.
 - 10a. Poorly drained, seasonal flooding. ... F139XY009OH – Wet Floodplain
 - 10b. Not poorly drained, temporary flooding. ... F139XY008OH – Moist Floodplain
 - 9b. River mouths. ... F139XY010OH – Great Lakes Marsh
 - 8b. Flats and Depressions.
 - 12a. Mineral (if any peat or muck surface, it is < 20 cm thick).
 - 13a. Minerotrophic, mean pH in upper 50 cm $\geq$ 5.5. ... F139XY011OH – Wet Calcareous Depression
 - 13b. Ombrotrophic, mean pH in upper 50 cm < 5.5. ... F139XY012OH – Wet Acidic Depression
 - 12b. Organic (peat or muck surface $\geq$ 20 cm thick).
 - 14a. Minerotrophic (euic), mean pH in upper 50 cm $\geq$ 5.0. ... F139XY013OH – Mucky Depression
 - 14b. Ombrotrophic (dysic), mean pH in upper 50 cm < 5.0. ... F139XY014OH – Acidic Peaty Depression