

LTA: 212Zb05

NAME:
Preble Plains

ACRES:
11567.731

SQUARE MILES:
18.075

DESCRIPTION:

The characteristic landform pattern is nearly level lake plain dissected by narrow v-shaped valleys. Soils are predominantly well drained silt loam over calcareous clay lacustrine or till. Common habitat types include forested lowland, hydromesic, AFH,

CLIMATE

CODE	PERCENT
77	12
83	88

GEOLOGY

BEDROCK TYPE DESCRIPTION
Shale

AVERAGE DEPTH TO BEDROCK
10050

BEDROCK DEPTH DESCRIPTION
Bedrock is greater than 100 feet from the land surface

GEOMORPHOLOGY

GEOMORPHOLOGY PROCESS
Lake and Till Deposition

TOPOGRAPHY
Nearly Level

SURFACE
Lake Plain

SOIL INFORMATION

SOIL ASSOCIATIONS

Oshkosh-Allendale-Tedrow, Shawano-Boyer-Sisson

SOIL DESCRIPTION

Moderately well drained and somewhat poorly drained clayey or sandy soils with a silt loam or loamy fine sand surface over calcareous clay till/lacustrine or fine sand lacustrine/beach deposits.

SURFACE TEXTURES
SIL-LFS

GENERAL TEXTURES
Clayey-Sandy

FAMILY TEXTURES
VFI-S/C-S

DRAINAGE CLASSES
MWD-SPD

PARENT MATERIAL
Till-Lacustrine-Beach

KOTAR'S HABITAT

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
Lowland	Hydromesi	AFH	AFAs		

*Listed in order of probability occurrence, with each having an occurrence of 10% or greater

WISCLAND LAND COVER

COVER TYPE CLASS	ACRES	PERCENT
Agricultural Land	7517	65
Bare Land	271	2
Forested Wetland	77	1
Grassland	325	3
High Intensity Urban Area	2058	18
Low Intensity Urban Area	782	7
Nonforested Wetland	356	3
Open Water	9	0
Upland Broad-leaved Deciduous	170	1
Upland Coniferous Forest	1	0

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
HH/P	4	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
BE/O	17	Beech, Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
NH/O	39	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OO	28	Oak - Black, White, and Burr Oak
OS	6	Oak Openings - Bur, White, Black Oak
GLS	6	Marsh and Sedge Meadow, Wet Prairie, lowland shrubs

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
21 Miles	21 Miles	67 Acres	11566 Acres	0'-20'	parallel