

LTA: 222Kd06NAME:
Moon Valley PlainsACRES:
24186.797SQUARE MILES:
37.792**DESCRIPTION:**

The characteristic landform pattern is undulating till, outwash, and lake plain complex. Soils are predominantly well drained silt and loam over calcareous sandy loam till, gravelly sand outwash, or silty and sandy lacustrine. Common habitat types inc

CLIMATE

CODE	PERCENT
90	12
91	88

GEOLOGYBEDROCK TYPE DESCRIPTION
SandstoneAVERAGE DEPTH
TO BEDROCK
10000BEDROCK DEPTH
DESCRIPTION
Bedrock is between 100 feet and 50 feet of the land surface**GEOMORPHOLOGY**GEOMORPHOLOGY PROCESS
Till, Glacial Meltwater, and Lake DepositionTOPOGRAPHY
UndulatingSURFACE
Till Plain, Outwash Plain, and Lake Plain Complex**SOIL INFORMATION****SOIL ASSOCIATIONS**McHenry-StCharles-Richwood-Dresden-MtCarroll-Friesland, Griswold-Plains-Elmwood and others. SOIL DESCRIPTION
Well drained and moderately well drained loamy and silty soils with a silt loam or fine sandy loam surface over calcareous sandy loam till or gravelly sand outwash or non-calcareous silty loess.SURFACE TEXTURES
SIL-FSLGENERAL TEXTURES
Loamy-SiltyFAMILY TEXTURES
FIL-FISI-FIL/SSKDRAINAGE CLASSES
WD-MWDPARENT MATERIAL
Till-Outwash-Loess**KOTAR'S HABITAT**

HABITAT 1 HABITAT 2 HABITAT 3 HABITAT 4 HABITAT 5 HABITAT 6

*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	10529	44
Bare Land	192	1
Forested Wetland	119	0
Grassland	5344	22
High Intensity Urban Area	158	1
Low Intensity Urban Area	102	0
Nonforested Wetland	637	3
Open Water	2313	10
Upland Broad-leaved Deciduous	4424	18
Upland Coniferous Forest	360	1

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	9	Water
PW/PR	0	White Pine, Red Pine
OO	61	Oak - Black, White, and Burr Oak
OS	11	Oak Openings - Bur, White, Black Oak
GG	15	Prairie
GLS	2	Marsh and Sedge Meadow, Wet Prairie, lowland shrubs

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
13 Miles	12 Miles	2351 Acres	24187 Acres	>50'	rectangular