

LTA: 222Lb04

NAME:
Buffalo Hills

ACRES:
94771.266

SQUARE MILES:
148.08

DESCRIPTION:

The characteristic landform pattern is hilly wonewoc and Eau Claire sandstone. Soils are ?? drained sandy loam over ?. Common habitat types include ??.

CLIMATE

| CODE | PERCENT |
|------|---------|
| 48 | 4 |
| 55 | 39 |
| 56 | 5 |
| 61 | 8 |
| 64 | 32 |
| 67 | 7 |
| 69 | 6 |

GEOLOGY

BEDROCK TYPE DESCRIPTION
Sandstone

AVERAGE DEPTH TO BEDROCK
535

BEDROCK DEPTH DESCRIPTION
35% to 70% fo the area has bedrock within 5 feet of the land surface

GEOMORPHOLOGY

GEOMORPHOLOGY PROCESS **TOPOGRAPHY**
Hillslope Erosion\Deposition and Wind Deposition Hilly

SURFACE
Erosional Surface

SOIL INFORMATION

SOIL ASSOCIATIONS

Dubuque-Fayette-Seaton-Palsgrove-Norden-Urne

SOIL DESCRIPTION

Well drained silty and loamy soils with a silt loam or fine sandy loam surface over non-calcareous clayey or loamy residuum or silty loess, over limestone or glauconitic sandstone bedrock.

SURFACE TEXTURES
SIL-FSL

GENERAL TEXTURES
Silty-Loamy

FAMILY TEXTURES
FISI-FIL-COL

DRAINAGE CLASSES
WD

PARENT MATERIAL
Residuum-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 | 19930 | 21 |
| Forested Wetland | 220 | 0 |
| Grassland | 9955 | 11 |
| High Intensity Urban Area | 135 | 0 |
| Low Intensity Urban Area | 5 | 0 |
| Nonforested Wetland | 742 | 1 |
| Open Water | 51 | 0 |
| Shrubland | 16 | 0 |
| Upland Broad-leaved Deciduous | 62883 | 66 |
| Upland Coniferous Forest | 637 | 1 |
| Upland Mixed Deciduous/Conifer | 192 | 0 |

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

| CODE | PERCENT | DEFINITION |
|--------------|---------|---|
| Hydrographic | 0 | Water |
| OO | 44 | Oak - Black, White, and Burr Oak |
| OS | 35 | Oak Openings - Bur, White, Black Oak |
| GG | 5 | Prairie |
| UB | 8 | Brush |
| SC | 2 | Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock |
| GLS | 0 | Marsh and Sedge Meadow, Wet Prairie, lowland shrubs |

HYDROLOGY

| PERENNIAL STREAMS | INTERMITTENT STREAMS | OPEN WATER | MARSH ACRES | DEPTH TO AQUIFER | SURFACE DRAINAGE |
|-------------------|----------------------|-------------|-------------|------------------|------------------|
| 22 Miles | 95 Miles | 94780 Acres | 94774 Acres | >50' | radial |