

MAP REPORT FORM

Scale 1:100,000

Map Name: New Ulm NE State(s): Minnesota

MAP PREPARATION

Photography Used:

<u>Emulsion</u>	<u>Scale</u>	<u>Date</u>	<u>Percent Coverage</u>
1. C I R	1:65,000	5/1/80	100%
2.			
3.			

Field Check Dates:

1. 5-16, 17-83
- 2.
- 3.

Contractor(s) for Photo Interpretation:

1. South Dakota Cooperative Wildlife Research Unit, South Dakota State University,
Brookings, S.D. 57007
- 2.
- 3.

Collateral Data Used:

1. U.S.G.S. Topographic maps
2. SCS Soil Survey Rice County
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

GEOGRAPHY

General Location:

44° 30' - 45° 00' N lat.

94° 00' - 95° 00' W long.

Bailey's Ecoregion Classification and Description:

1. 2531 Prairie Division, Tall-Grass Prairie Province, Bluestem
Prairie Section
2. 2213 Hot Continental Division, Eastern Deciduous Forest Province,
Maple-Basswood Forest and Oak Savanna Section
- 3.
- 4.

WETLAND COMMUNITIES

<u>MAP SYMBOLS</u>	<u>LOCAL NAME</u>	<u>DOMINANT VEGETATION</u>	<u>WATER REGIME</u>
PEM	temporary wetland	<u>Carex</u> sp., <u>Juncus</u> sp., <u>Hordeum jubatum</u> , <u>Aster</u> sp., <u>Spartina</u> sp.	A
PEM	saturated wetland	<u>Carex</u> sp., <u>Juncus</u> sp.	B
PEM	seasonal wetland	<u>Phalaris arundinacea</u> , <u>Polygonum</u> sp., <u>Carex atheroides</u> ,	C
PEM	semipermanent wetland	<u>Typha</u> sp., <u>Scirpus</u> sp.	F
POW	pond	open water	F, G, H
PUS	shore	non-vegetated or pioneer sp.	A, C
PSS	scrub-shrub wetland includes subclass 1	<u>Salix</u> sp., <u>Populus deltoides</u>	A, C, F
PFO	forested wetland includes subclass 1	<u>Salix</u> sp., <u>Populus deltoides</u> , <u>Fraxinus pennsylvanicus</u>	A, C, F
L10W	lake	open water	G, H
L20W	lake	open water	G
L2US	shore	non-vegetated or pioneer sp.	A, C
R20W	river	open water	G, H
R2US	shore, beachbar	non-vegetated or pioneer sp.	A, C
R4SB	stream	open water or scattered clumps of vegetation	F

Also special modifiers d, h, x used where appropriate. Water regime U used where specific water regimes could not be determined.

SPECIAL MAPPING PROBLEMS

1. Delineation of PEMA's

1. Some PEMA's were visible in the field

and not on photography and vice versa.

These wetlands will be interpreted

according to photosignature, with

those not evident on the photography

not being delineated.

2. Classification of drainage ditches.

2. After discussion in the field,

the subclass 7 (vegetated) will

not be used when classifying

semipermanent drainage ditches as

R4SBF.

3. Classification of seasonal wetlands.

3. Seasonal wetlands had a wide range of

photosignatures ranging from a bright

white to dark gray, the latter being seen

primarily in red fields. Observations of

surrounding wetland water regimes were

used in conjunction with field work in

delineation and classification of seasonal

wetlands.

USER CAUTION

The map document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with Classification of Wetlands and Deep Water Habitats of the United States (An Operation Draft) Cowardin, et al., 1977. The aerial photographs typically reflected conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of aerial photographs. Thus a detailed on-the-ground and historical analysis of a single site may result in revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on the map document.

Federal, State, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either design or products of this inventory, to define limits of proprietary jurisdiction of any Federal, State, or local government or to establish the geographical scope of regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State, or local agencies concerning specific agency regulatory programs and proprietary jurisdictions that may affect such activities.

Additional information regarding this map or other National Wetland Inventory activities may be obtained by contacting:

- 1) Ron Erickson, Regional Wetland Coordinator, USFWS, Federal Bldg., Fort Snelling, Twin Cities, Minnesota 55111
- 2) South Dakota Cooperative Wildlife Research Unit, South Dakota State University, Brookings, South Dakota 57007