

MAP REPORT FORM

Scale 1:100,000

Map Name: Fairmont NE State(s): Minnesota

MAP PREPARATION

Photography Used:

<u>Emulsion</u>	<u>Scale</u>	<u>Date</u>	<u>Percent Coverage</u>
1. CLR	1:65K	5-6-80	100%
2.			
3.			

Field Check Dates:

1. 5-30-85
- 2.
- 3.

Contractor(s) for Photo Interpretation:

1. South Dakota Cooperative Fish and Wildlife Research Unit, Brookings, SD 57007
- 2.
- 3.

Collateral Data Used:

1. U.S.G.S. Topographic Maps.
2. U.S. S.C.S. Soil Surveys (Blue Earth, Faribault counties)
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

GEOGRAPHY

General Location:

43° 30' - 44° 00' N. Lat
94° 00' - 95° 00' W. Long

Bailey's Ecoregion Classification and Description:

1. 2531 Prairie Division, Tall Grass Prairie Province, Blue Stem Prairie Section

2.

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</u> <u>atheroides</u>	C
PEM	Semipermanent Wetland	<u>Typha</u> sp., <u>Scirpus</u> sp.	F
PEM	Intermittently Exposed Marsh	<u>Typha</u> sp.	G
PSS	Scrub-shrub includes Subclass 1	<u>Salix</u> sp., <u>Populus deltoides</u> , <u>Fraxinus pennsylvanicus</u>	A, C
PFO	Forested Wetland includes Subclass 1	<u>Salix</u> sp., <u>Populus deltoides</u> , <u>Acer rubrum</u> , <u>Fraxinus</u> <u>pennsylvanicus</u> , <u>Acer negundo</u> , <u>Quercus macrocarpa</u> , <u>Alnus</u> <u>americana</u>	A, C
PUS	Shore	None	A
L10W	Lake	Open water	H
L20W	Lake	Open water	G
R20W	River	Open water	G, H
R2US	Shore, Sand bar	Nonvegetated, or pioneer species	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. We found in our field work that the
temporary wetlands were dry.

1. We were aggressive when pulling temporary
wetlands because of the dry photography.

2. It was difficult to tell if some of the
drainage ditches were R20WGx or R4SBFx.

2. We referred to the USGS topo maps. If
permanent water was on the topo, then we
pulled the ditch as R20WG. If intermitten.
water was shown on the topo, then the
ditch was pulled as R4SBFx.

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) Ronald Erickson, Regional Wetland Coordinator, USEWS, Federal Building,
Fort Snelling, Twin Cities, MN 55111.
- 2) South Dakota Cooperative Fish and Wildlife Research Unit, South Dakota
State University, P. O. Box 2206, Brookings, SD 57007