

MAP REPORT FORM

Scale 1:100,000

Thief River Falls SE (TRF SE)

Map Name: Minn. Portion of Thief River Falls State(s): Minnesota
SW (TRF SW)

MAP PREPARATION

Photography Used:

<u>Emulsion</u>	<u>Scale</u>	<u>Date</u>	<u>Percent Coverage</u>
(TRF SE) CIR	1:58 K	10/22/82	50%
1.(TRF SE) CIR	1:58 K	5/16/83	38%
2.(TRF SE) CIR	1:58 K	4/30/83	12%
3.(TRF SW) CIR	1:58 K	11/7/81	100%

Field Check Dates:

1.21 May 1986

2.22 May 1986

3.27 August 1986

Contractor(s) for Photo Interpretation:

1.South Dakota Cooperative Fish and Wildlife Research Unit, SDSU

2.Box 2206, Brookings, SD 57007

3.

Collateral Data Used:

1.U.S.G.S. Topographic Maps

2.U.S.D.A. - SCS Soil Survey for Pennington County, MN.

3.U.S.G.S. Water Resource Data for Minnesota, Vol. 1.

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GEOGRAPHY

General Location:

(TRF SE): 48°00' to 48°30' N Latitude
96°00' to 97°00' W Longitude
(TRF SW): 48°00' to 48°30' N Latitude
97°00' to 98°00' W Longitude

Bailey's Ecoregion Classification and Description:

1. 2000 Humid Temperate Domain
2500 Prairie Division
2530 Tall-Grass Prairie Province
2531 Bluestem Prairie

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WETLAND COMMUNITIES

<u>MAP SYMBOLS</u>	<u>LOCAL NAME</u>	<u>DOMINANT VEGETATION</u>	<u>WATER REGIME</u>
PEM	Temporary wetland	<u>Carex</u> spp., <u>Juncus</u> spp., <u>Hordeum jubatum</u> , <u>Asta</u> spp., <u>Spartina</u> spp.	A
PEM	Saturated wetland	<u>Carex</u> spp., <u>Juncus</u> spp.	B
PEM	Seasonal wetland	<u>Carex atheroides</u> , <u>Polygonum</u> spp., <u>Phalaris arundinacea</u> , <u>Scholochloa festucacea</u>	C
PEM	Semipermanent wetland	<u>Typha</u> spp., <u>Scirpus</u> spp.	F
PAB	Aquatic bed wetland (subclass 3)	<u>Potamogeton</u> spp.	F
PUB	Pond	open water	F,G,K
PSS	Scrub shrub wetland (subclass 1)	<u>Salix</u> spp.	A,C,B
PFO	Forested wetland (subclass 1 and 2)	<u>Alnus</u> spp., <u>Ulmus</u> <u>Americana</u> , <u>Salix</u> spp., <u>Populus tremiolooides</u> , <u>Larix</u> <u>larcina</u>	A,C,B,J
LIUB	Lake	open water	H
R2UB	River	open water	F,G,H
R4SB	Stream	open water/scattered clumps of vegetation	F,C
R2VS	Sandbar, shore	Non-vegetated or pioneering spp.	A,C
PUS	Gravel pit	Non-vegetated	C

Where appropriate, the special modifiers of d,h, and x were used. The water regimes K and G were used in conjunction on sewage lagoons.

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 Building,
Fort Snelling, Twin Cities, MN 55111
- 2) South Dakota Cooperative Fish and Wildlife Research Unit, South Dakota
State University, Box 2206, Brookings, SD 57007