

MAP REPORT FORM  
Scale 1:100,000

Map Name: LaCrosse SW State(s): Iowa

MAP PREPARATION

Photography Used:

<u>Emulsion</u>	<u>Scale</u>	<u>Date</u>	<u>Percent Coverage</u>
1. CIR	1:58,000	4-24-82	40 %
2.		4-23-82	60%
3.			

Field Check Dates:

1. 10-15-87
2. 10-16-87
- 3.

Contractor(s) for Photo Interpretation:

1. South Dakota Cooperative Fish and Wildlife Research Unit
- 2.
- 3.

Collateral Data Used:

1. USGS Topographic Maps
2. USGS Water Resources Data, Iowa Water Year 1983
3. USDA - SCS Soil Survey of Winneshiek and Clayton Counties
- 4.
- 5.
- 6.
- 7.
- 8.

WETLAND COMMUNITIES

<u>MAP SYMBOLS</u>	<u>LOCAL NAME</u>	<u>DOMINANT VEGETATION</u>	<u>WATER REGIME</u>
PEM	temporary wetland	<u>Juncus</u> spp., <u>Aster</u> spp., <u>Rumex</u> spp., <u>Carex</u> spp., <u>Spartina pectinata</u>	A
PEM	seasonal wetland	<u>Carex</u> spp., <u>Phalaris</u> spp., <u>Juncus</u> spp., <u>Polygonum</u> spp.	C
PEM	saturated wetland	<u>Carex</u> spp., <u>Phalaris</u> spp., <u>Typha</u> spp., <u>Sphagnum</u> spp., <u>Scirpus</u> spp.	B
PEM	semi-permanent wetland	<u>Typha</u> spp., <u>Scirpus</u> spp.	F
PAB	aquatic bed wetland	<u>Nymphaea</u> spp., <u>Lemna</u> spp.	F, G
PSS	scrub-shrub wetland	<u>Salix</u> spp., <u>Alnus</u> spp.	A,B,C
PFO	forested wetland	<u>Acer saccharinum</u> , <u>Fraxinus</u> <u>pennsylvanica</u> , <u>Salix</u> spp., <u>Acer negundo</u>	A,B,C
PUB	pond	open water	F, G
PUS	shallow impoundment	none	C
R4SB	intermittant stream	open water, none	A,C,F
R2UB	river	open water	G
R3UB	stream	open water	G
L1UB	lake	open water	H
L2UB	lake	open water	G
L2AB	large aquatic bed	<u>Sagittaria</u> spp., <u>Nymphaea</u> spp., <u>Lemna</u> spp.	
R2US	shore	none or pioneering species	A, C
L2US	shore	none or pioneering species	A, C

Special modifiers b,d,h,x were used where appropriate.

Artificial water regime (K) was used for sewage treatment ponds.

## GEOGRAPHY

### General Location:

43°00' North Latitude to 43°30' North Latitude and from 92°00' West longitude to the Iowa, Wisconsin Border

### Bailey's Ecoregion Classification and Description:

1. Hot Continental Division  
Eastern Deciduous Forest Province  
Maple-Basswood Forest and Oak Savannah Section

2.

3.

4.

SPECIAL MAPPING PROBLEMS

1. Should sink holes be pulled as wetland  
and if so what water regime.

2. Due to time of photography, the  
Mississippi Valley exhibited extremely  
strong water. Emergent seasonal wetlands  
located in the backwater areas of the  
flood plain could not be distinguished  
from the L2UBG areas also located in the  
backwaters.

1. The majority of the sink holes were  
found to be dry. If a wet signature  
was evident the seasonal water regime was  
used. If strong water was present they  
were pulled as PUBF or PUBG.

2. Since this problem is related to the  
time of photography, PEMC's will  
probably be included in L2UBG polygons,  
since the distinction cannot be made.

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, Minnesota 55111
- 2) South Dakota Cooperative Fish and Wildlife Research Unit, South Dakota  
State University, Brookings, SD 57007