

Table of Contents

U.S. Fish & Wildlife Service

<i>station/office</i>	<i>telephone numbers</i>
Fisheries Offices	
Valley City NFH	701-845-3464
Garrison Dam NFH	701-654-7451
Missouri River Fish and Wildlife Management Assistant Office	701-250-4419
National Wildlife Refuge Offices	
Arrowwood NWR	701-285-3341
Audubon NWR	701-442-5474
Des Lacs NWR	701-385-4046
Devils Lake WMD, Sullys Hill WMD, Lake Alice NWR, Kellys Slough WMD, J. Clark Salyer NWR	701-662-8611
Kulm WMD	701-768-2548
Long Lake NWR	701-647-2866
Tewaukon NWR	701-387-4397
Upper Souris NWR	701-724-3598
	701-468-5467
Partners for Fish and Wildlife Office	
Bismarck	701-250-4403
Habitat and Population Evaluation Team Office	
Bismarck	701-250-4413
Wetland Habitat Office	
Bismarck	701-250-4418
Wetland Acquisition Offices	
Bismarck	701-250-4415
Minot	701-852-0318
Fire Management	
Denver	303-236-8145
Upham	701-768-2548
Kenmare	701-358-4046
Pingree	701-285-3341
Ecological Services Office	
Bismarck	701-250-4481
Law Enforcement Offices	
Devils Lake	701-662-8610
Bismarck	701-255-0593
Dunseith	701-263-4462
North American Waterfowl Management Plan	303-236-8155x252
Federal Aid–Sport Fish and Wildlife Restoration	303-236-7392
Migratory Bird Conservation	303-236-8155x259

NORTH DAKOTA

*The United States
Fish and Wildlife
Service's mission
is, working with
others, to
conserve, protect,
and enhance fish,
wildlife, and
plants and their
habitats for the
continuing benefit
of the American
people.*

This book is available on the FWS Mountain-
Prairie Region website:
<http://mountain-prairie.fws.gov/reference>

03/ 2001

U.S. Fish and Wildlife Service Presence in North Dakota

Employment

The U.S. Fish and Wildlife Service (Service) employs approximately 242 people in North Dakota.

The FY 2000 Resource Management budget for Service activities in North Dakota totals over \$11,508,000.

Over 17,990 hours were donated by 497 volunteers to help with Service projects.

Fisheries Facts

North Dakota contains two National Fish Hatcheries (NFH) and one Fish and Wildlife Management Assistance Office (FWMAO).

Visitation

65,000 people visited NFHs in North Dakota in 1998.

Fishery Contribution

The two North Dakota NFHs distributed 13.4 million fingerlings to North Dakota waters in 1999 in support of a sport fishery valued at \$180 million annually.

National Wildlife Refuge Facts

North Dakota contains 62 National Wildlife Refuges (NWR), more than any other State. These 62 Refuges encompass more than 296,000 acres.

There are 12 Wetland Management Districts (WMD), with over 254,000 acres of fee Waterfowl Production Areas (WPA). More than 797,000 wetland acres are under easement.

Volunteer Hours: 13,609

Visitation

More than 478,500 people visited NWRs and WMDs in North Dakota in 1999.

Of these:
177,000 fished.

108,000 hunted.

126,000 viewed wildlife.

17,000 school children participated in Service educational programs.

Federal Aid to State Fish and Wildlife Programs

In 1998, North Dakota Game and Fish Department received \$2,720,284 for sport fish

restoration, and \$2,126,676 for wildlife restoration and hunter education.

Partners for Fish and Wildlife Facts

Along with several partners, the Service helped 2,500 landowners enhance wildlife habitat on 162,000 acres of private land since 1987.

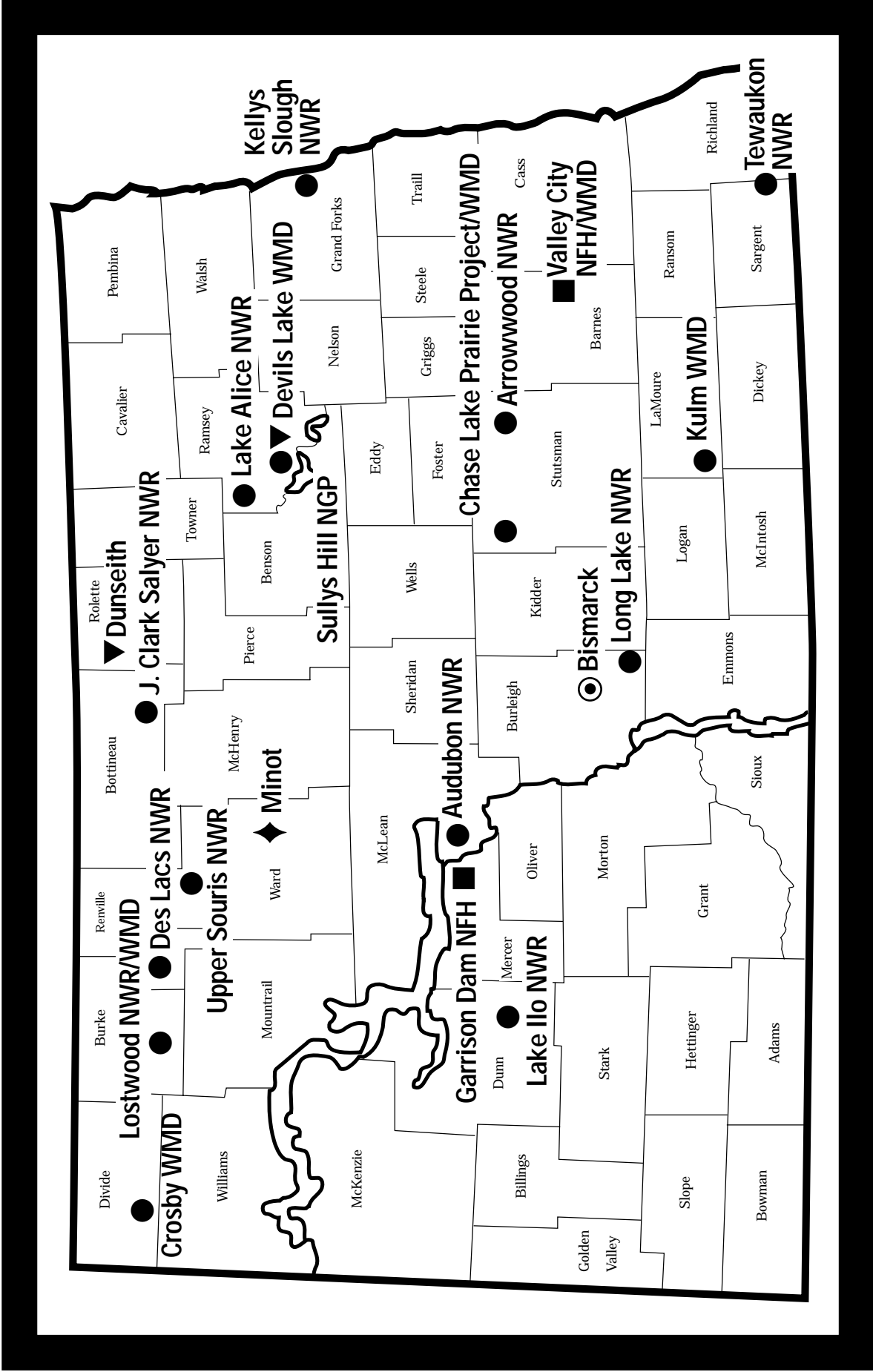
Endangered Species

Recovery Program Facts

The Service is the lead agency for the recovery of pallid sturgeon in North Dakota and across the United States. The Service also provides close coordination with various land management agencies in North Dakota.

Refuge Revenue Sharing Payment

The Service paid North Dakota counties more than \$427,400 in 2000 under the Refuge Revenue Sharing Act, which is based upon 3/4 of 1 percent of the market value of the property owned in fee title. State law requires local government to spend these funds on schools and roads.



North Dakota

Offices of the U.S. Fish & Wildlife Service

- National Wildlife Refuge / Wetland Management District
- Fisheries Office
- ▼ Law Enforcement Office
- ◆ Wetland Habitat Acquisition Office
- ⊙ In Bismarck:
 - Missouri River Fish & Wildlife Management Assistance Office
 - Missouri River Coordinator
 - ▼ Law Enforcement Office
 - ◆ Wetland Habitat Acquisition Office
- ✕ Partners for Fish & Wildlife Office
- ★ Ecological Services Office

Valley City

National Fish Hatchery

Contact: Matt Bernard
Project Leader
Address: 11515 River Road
Valley City, North Dakota 58072

Telephone: 701-845-3464
Fax: 701-845-3482
E-mail: matt_bernard@fws.gov

Station Facts

Established: 1938

Located 3 miles northeast of Valley City on 71.5 acres of land.

Baldhill Dam NFH, a sub-station, is located 7 miles upstream.

Total of 34 fish rearing ponds on 38 surface acres.

Produces walleye, northern pike, crappie, tiger muskellunge, bluegill, largemouth bass, and yellow perch.

Station Objectives

Produce a variety of fish species to fill needs across the Midwest.

Provide mitigation stocking to offset impact of numerous Federal water projects on the Missouri River.

Assist in endangered species restoration.

Station Fiscal Facts

Staff: 2

Current Budget (FY 00): \$154,000

Annual Visitation: 5,000

Public Use Opportunities

Propagation and stocking efforts result annually in more than 100,000 angler days of recreational fishing in North Dakota valued at over \$5 million.

Fishing pond for youth under 12, adults over 65, and anglers with disabilities.

Fishing access provided on the Sheyenne River.

Visitor center includes displays and videos.

Wildlife observation, especially waterfowl and riparian birds.

Activity Highlights

Participate in numerous efforts to expand state-of-the-art fish propagation methodologies to optimize fish health, genetic concerns, and benefits to the public.

Partnership with local Girl Scouts to provide residential camp on Hatchery grounds.

Garrison Dam

National Fish Hatchery

Contact: *Matt Bernard*
Project Leader
(See Valley City NFH)
Address: *Box 530*
Riverdale, North Dakota 58565

Telephone: *701-654-7451*
Fax: *701-654-7683*
E-mail: *matt_bernard@fws.gov*

Station Facts

Established: 1957

Located downstream of Garrison Dam on 209 acres of land.

Total of 64 rearing ponds.

Produces chinook salmon, rainbow trout, brown trout, lake trout, walleye, sauger, northern pike, crappie, smallmouth bass, tiger muskellunge, and paddlefish.

Cooperative effort with State of North Dakota.

Station Objectives

Produce a variety of fish species to fill needs across the Midwest.

Provide mitigation stocking to offset impacts of numerous Federal water projects on the Missouri River.

Assist in endangered species recovery by spawning, hatching, rearing, and stocking pallid sturgeon.

Station Fiscal Facts

Staff: 5

Current Budget (FY 00):
\$213,000 Service
\$180,000 North Dakota Game and Fish Department
(in-kind: \$300,000)

Annual visitation: 60,000

Public Use Opportunities

- Propagation and stocking efforts result annually in more than 300,000 angler days of recreational fishing in North Dakota valued at over \$15 million.
- Visitor center with aquariums and an interactive touch screen computer that provides information about the Service's fisheries programs and about fish species found throughout the United States.
- Self-guided hatchery tour.
- Wildlife observation trail and viewing blind.

- Participate in numerous efforts to expand state-of-the-art fish propagation methodologies to optimize fish health, genetic concerns, and benefits to the angling and environmentally concerned public.

Activity Highlights

Propagation of endangered pallid sturgeon.

Fishing Derby for children with disabilities.

Missouri River Fish and Wildlife Management Assistance Office (FWMAO)

Contact: Steven Krentz
Project Leader
Address: 3425 Miriam Avenue
Bismarck, North Dakota 58501

Telephone: 701-250-4419
Fax: 701-250-4399
E-mail: steve_krentz@fws.gov

Station Facts

Established: 1990

Most work is in North Dakota, but some projects extend to South Dakota and Montana.

Station Objectives

Conserve, manage, restore, and enhance imperiled aquatic resources of the Missouri River and its major tributaries, focusing on the endangered pallid sturgeon.

Manage recreational fisheries of National Wildlife Refuges and other Federal lands.

Provide technical assistance to tribal governments.

Communicate fish and wildlife resource needs and Service activities to the public.

Station Fiscal Facts

Staff: 3

Current Budget (FY 99):
\$160,600

Activity Highlights

Lead endangered pallid sturgeon recovery effort in North Dakota and throughout the species' range from Montana to Louisiana through spawning and planning for reintroduction, research on life history and habitat requirements, protection, and close coordination with numerous State, Federal, and private organizations.

Manage recreational fisheries on NWRs (Lakes Tewaukon, Sprague, Darling, and Ilo), and Turtle Mountain Indian Reservation.

Work with Buford/Trenton Irrigation District and North Dakota Game and Fish Department to restore flow through a cutoff Missouri River channel.

Develop plans for reintroduction of sturgeon chub (a candidate species for listing under the Endangered Species Act) to the Little Missouri River.

Conduct fish surveys on the Cannonball, Cedar, and Little Missouri Rivers.

Increase awareness and promote conservation of imperiled native fish stocks.

Reintroduction of pallid sturgeon.

Arrowwood

National Wildlife Refuge Complex

Contact: Mark Vaniman
Refuge Manager, Arrowwood NWR
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Fax: 701-285-3350
E-mail: mark_vaniman@fws.gov
dave_azure@fws.gov

Contact: Dave Azure
Refuge Operations Specialist, Arrowwood WMD
Address: 7745 11th Street, SE
Pingree, North Dakota 58476

Contact: Mick Erickson
Project Manager, Chase Lake WMD
Telephone: 701-752-4218
Fax: 701-752-4216
Address: 5924 19th Street, SE
Woodworth, North Dakota 58496
E-mail: michael_erickson@fws.gov

Contact: Harris Hoistad
Supervisory Refuge Operations Spec.
Telephone: 701-845-3466
Fax: 701-845-3482
Address: 11515 River Road
Valley City, North Dakota 58072
E-mail: harris_hoistad@fws.gov

Complex Facts

The Complex consists of Arrowwood NWR and WMD, Chase Lake NWR and WMD, Valley City WMD, and six easement refuges.

Arrowwood NWR

- Established: Sept. 4, 1935
- Acres: 15,934
- 3,500 acres of riverine lakes

Arrowwood WMD

- Two-county District includes: Eddy and Foster Counties.
- Established: Sept. 4, 1935
- Waterfowl Production Areas: 28 units totaling 6,133 acres in fee title.
- Wetland easements: 312 contracts protecting 18,375 acres.
- Easement Refuge: Johnson Lake NWR totaling 2,008 acres.

Chase Lake NWR

- Established: Aug. 28, 1908
- Acres: 4,385
- 4,155 acres designed as Wilderness Area in 1975.
- Second Refuge established in North Dakota.

Chase Lake WMD

- Two-county District includes: Stutsman and Wells Counties.
- Established: 1993
- Waterfowl Production Areas: 128 units totaling 35,317 acres in fee title.
- Wetland easements: 666 contracts protecting 52,919 wetland acres.
- Grassland easements: 28 contract protecting 9,650 acres of native prairie.
- Wildlife Development Areas: 5 units totaling 3,255 acres.
- Easement Refuge: Halfway Lake NWR totaling 160 acres.

Valley City WMD

- Five-county District: includes: Barnes, Griggs, Steele, Cass, and Trail Counties.
- Established: May 17, 1971
- Waterfowl Production Areas: 82 units totaling 17,000 acres in fee title.
- Wetland easements: 744 contracts protecting 40,000 wetland acres.
- Easement refuges: 5,500 acres.

Complex Objectives

Provide, protect, and manage habitat for federally listed threatened and endangered species.

Promote natural diversity and abundant native flora and fauna.

Provide life requirements for waterfowl and other migratory birds.

Provide opportunities for quality wildlife-dependent recreation.

Conserve land and water resources through partnerships.

Complex Fiscal Facts

Staff: 15

Current Budget (FY 99):
\$630,700

- Annual Visitation: 36,500
- Volunteer hours: 24

Complex Public Use Opportunities

- Fishing, hunting and trapping
- Hiking
- Environmental education
- Wildlife observation

Complex Highlights

The Chase Lake Prairie Project is a national flagship project of the Prairie Pothole Joint Venture of the North American Waterfowl Management Plan. Encompasses 5.5 million acres in 11 counties.

The Chase Lake NWR and Wildlife Management Area features over 10,000 acres of unique native prairie and mixed grasslands. Approximately 230 bird species nest or migrate through this area.

Chase Lake NWR contains a 4,155-acre National Wilderness Area.

Participating in the Southeast North Dakota Drift Prairie Project to improve habitat in 14 counties.

Developed Outdoor Wildlife Learning Site with Kensal School.

The Valley City WMD is co-located with the National Fish Hatchery; environmental education and hatchery tours are available.

Audubon

National Wildlife Refuge Complex

Contact: Dave Potter
Refuge Manager
Address: 3275 11th Street, NW
Coleharbor, North Dakota 58531

Telephone: 701-442-5474 x11
Fax: 701-442-5546
E-mail: dave_potter@fws.gov

Complex Facts

The Complex consists of Audubon NWR, Lake Ilo NWR, and Audubon WMD.

Audubon NWR

- Established: 1955
- Acres: 14,738

Audubon WMD

- Established: 1962
- Counties: McLean, Sheridan, and Ward
- Waterfowl Production Areas: 101 units totaling 18,584 fee acres.
- Wildlife Development Areas: 18 units totaling 11,325 fee acres.
- Wetland easements: 1,277 contracts protecting 86,142 wetland acres.
- Grassland easements: 58 contracts totaling 23,957 acres.
- FMHA easements: 17 tracts totaling 7,440 acres.
- 7 easement and small fee refuges: 7,043 acres.

Lake Ilo NWR

- Established: June 12, 1939
- Counties: Dunn, Hettinger, Grant, and Slope.
- Acres: 3,197 acres in fee title, 836 easement acres.
- Wildlife Development areas: 1 totaling 1,208 acres.
- 3 easement and small fee refuges: 4,070 acres.

Complex Objectives

- Provide waterfowl production and migration habitat.
- Manage habitat for migratory non-game birds.
- Protect and enhance natural ecological communities.
- Provide opportunities for quality wildlife-dependent recreation.
- Protect cultural resources.
- Provide habitat for federally listed threatened and endangered species.

Complex Fiscal Facts

Staff: 13

Current Budget (FY 00):
\$1,200,000

- Annual Visitation: 41,000
- Volunteer hours: 3,558

Complex Public Use Opportunities

- Fishing at Lake Ilo NWR.
- Ice fishing at Audubon NWR.
- All WPAs and WDAs open to fishing and hunting.
- One-mile hiking trail at Audubon NWR.
- Eight-mile auto tour at Audubon NWR.
- Hiking trail at Lake Ilo NWR.
- Environmental education.

- Upland bird and deer hunting at Audubon NWR.
- Deer hunting at Lake Nettie NWR

Complex Highlights

Highly significant cultural resources at Lake Ilo NWR show continuous human occupation for the last 11,000 years.

More than 100 islands provide safe nesting habitat at Audubon NWR.

Wildlife Development Areas mitigate for habitat losses caused by the Garrison Diversion Unit, U.S. Bureau of Reclamation.

Water levels at Lake Ilo managed to support threatened and endangered species.

Audubon NWR is owned by the Army Corps of Engineers, but managed by the Service; lake levels are managed by the Bureau of Reclamation.

Des Lacs

National Wildlife Refuge Complex

Contact: Fred G. Giese
Project Leader

Address: P.O. Box 578
Kenmare, North Dakota 58746

Telephone: 701-385-4046

Fax: 701-385-3214

E-mail: fred_giese@fws.gov

Complex Facts

The Complex consists of Des Lacs and Lostwood NWRs, and Crosby and Lostwood WMDs.

Des Lacs NWR

- Established: August 22, 1935
- Acres: 19,500 in fee title

Lostwood NWR

- Established: March 26, 1935
- Acres: 26,903 in fee title

Crosby WMD

- Established: August 14, 1962
- Three-county District includes: Divide, portion of Burke, and Williams Counties.
- Waterfowl Production Areas: 96 units totaling 18,730 acres.
- Wetland easements: 1,130 contracts protecting 67,842 acres.
- Grassland easements: 48 contract totaling 23,033 acres.
- Easements and small fee refuges: 3,739 acres.

Lostwood WMD

- Established: 1962
- Three county District includes: Mountrail County and a portion of Ward and Burke County.
- Waterfowl Production Areas: 56 units totaling 12,505 acres.
- Wetland easements: 550 contracts protecting 35,000 wetland acres.
- Grassland easements: 16 contracts totaling 15,120 acres.
- 2 easement and small fee refuges: 1,835 acres.

Complex Objectives

- Preserve, restore, and enhance federally listed threatened and endangered species and the habitats on which they depend.
- Nurture an awareness and appreciation of wildlife and habitat through environmental education and wildlife-dependent recreation.
- Promote diversity and abundance of native flora and fauna.
- Protect, preserve and interpret cultural resources.
- Provide the life requirements of waterfowl and other migratory birds.

Complex Fiscal Facts

Staff: 18

Current Budget (FY 00):
\$1,492,870

- Annual Visitation: 15,000
- Volunteer hours: 382

Complex Public Use Opportunities

- Auto tour routes at Lostwood and Des Lacs NWRs.
- Hiking, cross-country skiing, snowshoeing.
- Opportunities to see rare grassland species of birds.
- Hunting.

Complex Highlights

Lostwood Wilderness Area:
5,577 acres.

Des Lacs NWR attracts up to 500,000 snow geese each fall.

One of the highest known populations of sharp-tailed grouse in the U.S. found at Lostwood NWR.

High nesting densities of threatened piping plover.

Twenty-five year history of native prairie management at Lostwood NWR.

Devils Lake

Wetland Management District Complex

Contact: Roger Hollevoet
Project Leader

Address: P.O. Box 908
Devils Lake, North Dakota 58301

Telephone: 701-662-8611

Fax: 701-662-8612

E-mail: roger_hollevoet@fws.gov

Complex Facts

The Complex consists of Devils Lake WMD, Lake Alice and Kellys Slough NWRs, and Sullys Hill National Game Preserve (NGP).

Devils Lake WMD

- Established: 1962
- Includes: Benson, Cavalier, Grand Forks, Nelson, Pembina, Ramsey, Towner, and Walsh Counties.
- Waterfowl Production Areas: 209 units totaling 48,066 acres.
- Wetland easements: 2,627 contracts protecting 154,748 wetland acres.
- Easement and small fee refuges: 18,666 acres.

Lake Alice NWR

- See next page.

Kellys Slough NWR

- See next page.

Sullys Hill NGP

- See next page.

Complex Goals

Protect, preserve, create, and restore habitat for migratory and resident wildlife.

Protect and preserve wetland habitat on private lands.

Encourage sound management of watersheds and ecosystems.

Provide opportunities for high quality, wildlife-dependent recreation.

Complex Fiscal Facts

Staff: 13

Current Budget (FY 00):
\$725,000

- Annual Visitation: 45,000
- Volunteer hours: 2,012

Complex Public Use Opportunities

- Wildlife observation and photography.
- Environmental education and interpretation.
- Research.

Complex Highlights

Hundreds of thousands of waterfowl, colonial and wading birds, shorebirds and passerines use the wetlands that are managed and protected within the District boundaries.

The Devils Lake WMD protects the last remaining wetland complexes in northeastern North Dakota, and affords cool and warm season grasses for many ground nesting birds in concert with these important wetland resources.

Stump Lake NWR established in 1905 by President Theodore Roosevelt.

Manage the Devils Lake Basin Drift Prairie Project in the 3,814-square mile area.

Restored wetlands in upper basin to help reduce Devils Lake flooding.

Partners in developing comprehensive watershed management plans in the Devils Lake Basin and Red River Valley.

Sullys Hill

National Game Preserve

Contact: Roger Hollevoet
Project Leader

Address: P.O. Box 908
Devils Lake, North Dakota 58301

Telephone: 701-662-8611

Fax: 701-662-8612

E-mail: roger_hollevoet@fws.gov

Station Facts

Established: 1921, as a big game preserve, refuge, and breeding grounds for wild animals and birds.

Acres: 1,674

Located in Benson County adjacent to the Sprit Lake Indian Reservation.

One of four Service preserves established to help save the American bison.

Station Objectives

Promote conservation and environmental education.

Maintain habitat capable of supporting captive big game herds and other resident wildlife.

Protect and conserve the diversity of the Preserve.

Actively promote Service messages throughout the community.

Originally established by President Theodore Roosevelt as a National Park in 1904.

Station Fiscal Facts

Staff: 1

Current Budget (FY 99):
\$72,372

- Annual Visitation: 25,000
- Volunteer hours: 3,295

Public Use Opportunities

- Visitor Center and display area.
- 4½ -mile self-guided auto tour route.
- Cross-country skiing/hiking trail.
- Preserve has active environmental education program.
- Two classroom buildings, overlooks, amphitheater, interpretive kiosks.

Activity Highlights

Summer evening programs in amphitheater.

Active citizen support group.

Recreation fees from auto tour returned directly to the Preserve.

Great opportunities to see and photograph large game animals.

Sullys Hill is a Regional Conservation Learning Center providing over 100 education programs to over 5,000 students annually. School groups come from within a 100 miles radius.

First annual birding festival in 2,000 attracted 1,300 visitors from 19 states and 6 provinces.

Lake Alice

National Wildlife Refuge

Contact: Roger Hollevoet
Project Leader

Address: P.O. Box 908
Devils Lake, North Dakota 58301

Telephone: 701-662-8611

Fax: 701-662-8612

E-mail: roger_hollevoet@fws.gov

Station Facts

Established: 1935

Acres: 12,179

Refuge serves as a major waterfowl concentration point during spring and fall migrations, as well as a significant breeding area for wetland wildlife.

Topography is nearly level to gently rolling, with many shallow swales and marshes occurring throughout the landscape.

Refuge is dominated by a 3,500-acre semi-permanent marsh and nearly 2,500 acres of other temporary, seasonal and semi-permanent wetland habitat.

Over 5,000 acres of upland habitat including native and introduced grasses.

Six man-made islands provide 8 acres of predator free nesting habitat for ground nesting species.

Station Objectives

Protect, conserve and perpetuate through active management, endangered species, waterfowl and other wetland-associated wildlife.

Protect and preserve all cultural resources associated with Lake Alice NWR.

Actively manage habitats to maintain a diversity of resident and migratory wildlife.

Intensively manage through various techniques and practices the habitats associated with Lake Alice, and provide for the diversity representative of the drift prairie ecosystem.

Provide a variety of wildlife and conservation oriented interpretive and recreational opportunities compatible with the Lake Alice NWR.

Public Use Opportunities

- Auto tour route.
- Wildlife observation.
- Nature trail.
- Primitive camping.
- Environmental education.
- Hunting: big game, small game and waterfowl.
- Archery and firearm use.
- Accessible waterfowl hunting blind.

Activity Highlights

Wetland restoration and enhancements accomplished through various Federal, State, and local partners.

Extensive use of biological control agents on noxious weeds.

Due to upstream drainage and wet climate conditions, Lake Alice NWR is suffering flood damage. High water levees are damaging the refuge's upland habitat and infrastructure.

Kellys Slough

National Wildlife Refuge

Contact: Kurt Tompkins
Refuge Manager
Address: 221 2nd Street West
P.O. Box 908
Devils Lake, North Dakota 58301

Telephone: 701-662-8611
Fax: 701-662-8612
E-mail: kurt_tompkins@fws.gov

Station Facts

Established: 1936, as a refuge and breeding ground for migratory birds and other wildlife.

Acres: 1,808

Located eight miles from Grand Forks, the Refuge is part of the Kellys Slough Wildlife Project, a Prairie Pothole Joint Venture (PPJV) Project, totaling 500 square miles. It includes 3,966 acres of NWR lands and 3,400 acres of WPAs.

Eight species of dabbling ducks and four species of diving ducks nest on the Refuge. Many other species can be observed during migrations.

More than 30,000 shorebirds representing 22 species documented in 2000.

Surrounding land is intensively farmed: 91% of the wetlands in this landscape have been drained and 95% of the upland acreage in the area is farmed.

Station Objectives

Create, restore, enhance, and protect diverse, high quality wetland and upland habitats in order to achieve optimum waterfowl and wildlife production.

Provide and maintain compatible wildlife-dependent recreation, interpretation and education.

Public Use Opportunities

- Annual visitation estimated to be 10,000.
- Volunteer Hours: 467

Self-guided, auto tour route with interpretive information and two elevated wildlife observation decks. Three foot trails offer visitors closer views of Refuge wildlife and habitats.

Hunting and trapping allowed on adjacent and nearby Waterfowl Production Areas.

Activity Highlights

PPJV Project initiated in 1990. Nine wetland development projects managing 1,037 acres constructed to date.

Three one-acre nesting islands constructed in managed Refuge wetlands since 1993.

Over 100 acres of uplands planted to native grasses and forbs since 1999.

J. Clark Salyer

National Wildlife Refuge Complex

Contact: Robert L. Howard
Project Leader

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Upham, North Dakota 58789

Telephone: 701-867-2548

Fax: 701-768-2834

E-mail: robert_l_howard@fws.gov

Homepage: <http://www.fws.gov/~r6cslыр.jclark/html>

Complex Facts

The Complex consists of J. Clark Salyer NWR and J. Clark Salyer WMD.

J. Clark Salyer NWR

- Established: September 4, 1935
- Acres: 58,700

J. Clark Salyer WMD

- Established: 1959
- Five-county District includes: Bottineau, Renville, Pierce, McHenry, and Rolette Counties.
- Waterfowl Production Areas: 130 units totaling 27,200 acres.
- Wetland easements: 2,300 contracts protecting 132,100 wetland acres.
- Grassland easements: 16 contract protecting 12,666 acres.
- 7 easement refuges: 8,000 acres.

Complex Objectives

Preserve, restore, and enhance Souris River Basin habitats.

Provide life requirements for waterfowl and other migratory birds.

Preserve, restore, and enhance federally listed threatened and endangered species and the habitats on which they depend.

Provide opportunities for quality wildlife-dependent recreation and environmental education.

Cooperate with landowners, non-governmental organizations, and other agencies to enhance habitat on public and private lands.

Complex Fiscal Facts

Staff: 12

Current Budget (FY 00):
\$696,000

- Annual Visitation: 24,000
- Volunteer hours: 1,270

Complex Public Use Opportunities

- Fishing, hunting, and trapping.
- Two self-guided auto tour routes.
- Wildlife observation.
- Environmental education.
- Canoe trail on Souris River.

Complex Highlights

Banded over 52,600 ducks in the last 6 years.

Largest freshwater marsh system on FWS land in Region 6.

Largest relatively unfragmented tract of Northern Mixed-grass Prairie in North Dakota lies within the WMD.

Large concentrations of migrating birds in fall.

Canoe trail offers unique wildlife experience.

International water management and Souris River Flood Control Project operations.

Kulm Wetland Management District

Contact: Bob Vanden Berge
Project Leader

Address: 1 First Street, SW
Kulm, North Dakota 58456

Telephone: 701-647-2866

Fax: 701-647-2221

E-mail: bob_vandenberge@fws.gov

Station Facts

Four-county District includes: Logan, LaMoure, Dickey, and McIntosh Counties.

Waterfowl Production Areas: 184 units totaling 44,595 acres.

Wetland easements: 1,457 contracts protecting 103,342 wetland acres.

Grassland easements: 22 contracts totaling 10,860 grassland acres.

Three easement and small fee refuges: 4,152 acres.

Other lands: 2,079 acres.

One Wildlife Development area: 640 acres.

Twenty-six FMHA Conservation easements totaling 4,031 acres.

Station Objectives

Optimize waterfowl production capabilities.

Provide and maintain quality upland and wetland habitat capable of supporting migratory bird populations.

Assist private landowners with restoration of wildlife habitat.

Preserve and protect remnants of native mixed grass prairie.

Provide opportunities for quality wildlife-dependent recreation.

Station Fiscal Facts

Staff: 6

Current Budget (FY 00): \$399,024

- Annual Visitation: 25,000
- Volunteer hours: 0

Public Use Opportunities

- Fishing, hunting and trapping.
- Wildlife observation.
- Hiking.
- Environmental education.

Activity Highlights

Supervise 26 managed grazing systems.

Leader in the use of biological control agents for noxious weeds to reduce chemical use.

Working with Partners For Fish and Wildlife Program on public and private land. Involved in three Prairie Pothole Joint Venture projects.

Long Lake

National Wildlife Refuge Complex

Contact: Paul VanNingen
Project Leader
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Moffit, North Dakota 58560

Telephone: 701-387-4397
Fax: 701-387-4767
E-Mail: paul_vanningen@fws.gov

Complex Facts

The Complex includes Long Lake NWR and Long Lake WMD.

Long Lake NWR

- Established: 1932
- Acres: 22,310 of fee title

Long Lake WMD

- Established: 1961
- Three-county District includes: Burleigh, Emmons, and Kidder Counties.
- Waterfowl Production Areas: 77 units totaling about 21,789 acres.
- Wetland easements: 966 contracts protecting 95,892 wetland acres.
- Wildlife Development Areas: 1 unit totaling 794 acres.
- Grassland easements: 1 contract totaling 320 grassland acres.
- Eight easement and small fee refuges: 10,715 acres.

Complex Objectives

- Preserve, restore, and enhance federally listed threatened and endangered species and their habitats.
- Provide the life requirements of waterfowl and other migratory birds.
- Provide the life

requirements of other resident wildlife species.

- Provide opportunities for high quality wildlife-dependent recreation.
- Protect and preserve cultural resources.

Complex Fiscal Facts

Staff: 7

Current Budget (FY 00):
\$960,751

- Annual Visitation: 50,000
- Volunteer hours: 60

Complex Public Use Opportunities

- Fishing, hunting and trapping
- Wildlife observation
- Environmental education
- Boating
- Picnicking

Complex Highlights

Over ½-million breeding pairs of the 13 primary duck species nesting in the Prairie Pothole Region used the lands encompassed by the District in 1997.

Approximately 68 percent of the land base in the three-county area remains in native grassland.

The diversity of bird life, which depends on the mixture of native grassland and wetland habitat, has brought national recognition to the area as one of the Nation's top ten birding "hot spots."

There are 21 wetlands in the WMD that have a history of avian botulism outbreaks and substantial migratory bird loss due to disease. Some of these wetlands are partially managed by the Service and some are privately owned.

Colonial nesting marsh and water birds annually use Long Lake NWR for production areas. Species include: black-crowned-night herons, cattle egrets, common and black terns, western and eared grebes, Franklin's gulls, and double-crested cormorants.

Use of small WPA by Bismarck schools.

Participate in county conservation tours.

Serve as judges for 4-H and science fair events.

Tewaukon

National Wildlife Refuge Complex

Contact: Sandra Siekaniec
Project Leader

Address: 9754 1431/2 Avenue, SE
Cayuga, North Dakota 58013

Telephone: 701-724-3598

Fax: 701-724-3683

E-Mail: sandra_siekaniec@fws.gov
r6rw_twk@fws.gov

Complex Facts

The Complex includes Tewaukon NWR and Tewaukon WMD.

Tewaukon NWR

- Established: 1934
- Acres: 8,363 in fee title

Tewaukon WMD

- Three-county District includes: Ransom, Richland, and Sargent Counties.
- Waterfowl Production Areas: 106 units totaling 14,159 acres.
- Wetland easements: 590 contracts protecting 34,824 wetland acres.
- Grassland easements: 23 contracts totaling 10,757 acres.
- Two easement and small fee refuges: 1,466 acres.

Complex Objectives

Vision: Tewaukon National Wildlife Refuge Complex will be preserved, managed, restored and enhanced as part of a tallgrass prairie wetland ecosystem capable of supporting habitat for migratory birds and other native wildlife and plants for the benefit of present and future generations. The Complex will provide an environment where a diversity

of native tallgrass prairie, wetlands, plants, wildlife and their natural processes can be discovered and explored. It will provide a place where people can learn about wildlife and their habitats and enjoy wildlife-dependent recreation.

Goal:

- Preserve, restore, and enhance the ecological diversity of native flora, other grasslands and wetlands within the Tallgrass Prairie ecosystem.
- Preserve, restore and enhance the ecological diversity and abundance of migratory birds and other native wildlife with emphasis on waterfowl, grassland and wetland dependent birds.
- Contribute to the preservation and restoration of endangered, threatened, rare and unique flora and fauna that occur, or have historically occurred in the Complex area.
- Provide recreational and educational opportunities for persons of all abilities to learn about and enjoy tallgrass prairie wetland ecosystem, the fish and wildlife found there, and the history of the complex in a

safe and compatible manner.

- Promote partnerships to preserve, restore, and enhance a diverse, healthy, and productive prairie/wetland ecosystem in which the Tewaukon Complex serves as a model and demonstration area.

Complex Fiscal Facts

Staff: 8

Current Budget (FY 00): \$406,500

- Annual Visitation: 50,000
- Volunteer hours: 1,354

Complex Public Use Opportunities

- Fishing.
- Wildlife observation.
- Environmental education.
- Self-guided auto tour.
- Hunting (pheasant and deer).
- Picnicking.

Complex Highlights

Use of biological controls on noxious weeds.

Administer the North Dakota Junior Duck Stamp Contest.

Use of various management techniques to maintain

healthy grasslands.

Restoration of prairie.

Working to protect native
tallgrass prairie through
easements and agreements
with private landowners.

Completed a complex
Comprehensive Conservation
Plan.

Upper Souris *National Wildlife Refuge*

Contact: *Dean Knauer*
Project Leader

Address: *17705 212th Avenue, NW*
Berthold, North Dakota 58718-9666

Telephone: *701-468-5467*

Fax: *701-468-5600*

E-mail: *dean_knauer@fws.gov*

Station Facts

Established: August 27, 1935

Acres: 32,311

Serves as a staging and production area for migratory birds.

Provides fall habitat for 300,000 snow geese, 50,000 ducks, and 5,000 Canada geese.

Involved with providing flood protection for the City of Minot.

Station Objectives

Protect, restore, and manage habitat for migratory birds and Federally listed threatened and endangered species.

Protect and manage available Souris River water to benefit fish and wildlife on Upper Souris and J. Clark Salyer NWRs.

Nurture public appreciation and understanding of Souris River ecosystem issues.

Promote diversity and abundance of native flora and fauna.

Protect, preserve and interpret cultural resources.

Provide opportunities for quality wildlife-dependent recreation.

Station Fiscal Facts

Staff: 5

Current Budget (FY00):
\$503,400

- Annual Visitation: 157,000
- Volunteer hours: 1,187

Public Use Opportunities

- Fishing, hunting and trapping
- Self-guided auto tour route.
- Wildlife observation (sharp-tailed grouse dancing ground photo blinds).
- Canoe trails on Souris River.
- Environmental education and interpretation.
- Interpretive programs.
- Hiking (trail for physically challenged).

Activity Highlights

Annual fishing event for people with disabilities.

Biological controls to reduce noxious weeds.

Popular destination for outdoor recreation.

For every dollar of budget expenditures, there was \$9.71 of total economic effects generated in 1995.

Total economic effects of Refuge visitation in Ward and Renville counties is estimated to be almost \$4 million in 2000.

Bismarck Wetland Habitat Office

Contact: Michael R. McEnroe
Project Leader

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Bismarck, North Dakota 58501

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Fax: 701-250-4412

E-mail: michael_r_mcenroe@fws.gov

Station Facts

Established: 1986

Coordinate Service programs with the various Federal and State agencies, private conservation groups, and the Congressional delegation; supervise State Partners For Fish and Wildlife Program.

Station Fiscal Facts

Staff: 4

Current Budget (FY 00):
\$221,600

Activity Highlights

Coordinate annual fishing and hunting seasons on Service lands with the North Dakota Game and Fish Department.

Serve as liaison between NWRs and various Federal, State, and local agencies on wildlife issues in North Dakota.

Represent the Service on wetland habitat and wildlife concerns to the public and to the State's Congressional delegation, the Governor's office, and State legislative leaders.

Coordinate Service

participation in the North Dakota State Fair, the Fargo Sportsmen's Outdoor Show, and the Bismarck Tribune Sports Show.

Co-hosts annual duck identification workshop for youth and beginning hunters.

Work cooperatively with non-governmental organizations and government agencies on land management programs on public and private land.

Participate in the North Dakota Action Group, coordinating activities and projects of the North American Waterfowl Management Plan in the State.

Partners for Fish and Wildlife (PFW) Bismarck Wetland Habitat Office

Contact: *Kevin Willis*
State Private Lands Coordinator
Address: *3425 Miriam Avenue*
Bismarck, North Dakota 58501

Telephone: *701-250-4403*
Fax: *701-250-4412*
E-mail: *kevin_willis@fws.gov*

Program Facts

Established: 1987

Work with farmers and ranchers statewide to restore and create wildlife habitat on private lands.

Provide coordination and oversight for the Service's role and responsibility at the State and local levels as identified in the 1985, 1990, and 1996 Farm Bills and associated U.S. Department of Agriculture (USDA) policies and programs.

Program Objectives

Increase wetland habitat through restoration, creation, and enhancement.

Enhance wetland-associated upland habitats for wildlife nesting, and protect water quality through grassland restoration, tree planting, rotational grazing, and sustainable agriculture demonstration projects.

Exclude predators from nesting waterfowl through installation of nesting structures, construction and enhancement of island habitat, and placement of predator barrier fences.

Program Fiscal Facts

Staff: 5

Current Budget (FY 00): about \$800,000 in Service funds. Grant monies received from Ducks Unlimited, North Dakota Wetland Trust, and North American Wetland Conservation Act in excess of \$1,000,000 annually.

Activity Highlights

Since 1987, PFFW has worked with more than 2,000 North Dakota landowners to enhance habitat on 120,000 acres.

Assist Farm Service Agency (FSA) in prescribing conservation easements on FSA inventory land.

Assist Natural Resources Conservation Service at the State and local levels with determinations prescribed under Swampbuster regulations, particularly when Service wetland easements are involved.

Provide recommendations, assistance, and policy guidance for USDA programs including Conservation Reserve Program, Environmental Quality Incentives Program, Wildlife Habitat Incentives Program, and Wetland Reserve Program.

Habitat and Population Evaluation Team (HAPET) Office

Contact: Ron Reynolds
Project Leader
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Bismarck, North Dakota 58501
Telephone: 701-250-4413
Fax: 701-250-4412
E-mail: ron_reynolds@fws.gov

Station Facts

Established: 1989

Serve multi-agency partners of the Prairie Pothole Joint Venture, North American Waterfowl Management Plan.

State-of-the-art Geographic Information System (GIS) laboratory.

Station Objectives

Provide technical assistance and information to aid in achieving the goals and objectives of the Prairie Pothole Joint Venture (PPJV).

Serve as the focal point for monitoring, strategy development, and evaluation.

Assemble, gather, and analyze pertinent information, and bring it to bear on waterfowl management programs in an attempt to improve the efficiency and effectiveness of management efforts.

Station Fiscal Facts

Staff: 5

Current Budget (FY 99): \$270,500

Public Use Opportunities

- Visitors are welcome to tour HAPET's Geographic Information System lab. Many GIS map products are available displaying wetland and upland habitats of both North and South Dakota.
- HAPET's staff members are knowledgeable about wetlands and migratory birds, and are eager to discuss biological issues with visitors.

Activity Highlights

Developed first wetland maps displaying 2,000,000 wetlands in North Dakota, and nearly 1,000,000 wetlands in South Dakota.

Developed duck breeding pair distribution maps for the Dakotas.

Developing upland habitat inventory using satellite imagery.

Investigating the benefits of the USDA Conservation Reserve Program for waterfowl.

Annual waterfowl surveys use state-of-the-art, remotely-gathered videography of field study.

Developing digital files of Service lands in the Dakotas and northeastern Montana.

Developing identification of grassland bird conservation areas in PPJV.

Ecological Services (ES) Field Office

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Field Supervisor
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Bismarck, North Dakota 58501

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Fax: 701-250-4400
E-mail: allyn_sapa@fws.gov

Station Facts

Manage Service programs for the conservation of fish and wildlife within North Dakota, and coordinate activities with surrounding States and Canadian provinces. Primary activities include coordination on Federal projects, the Endangered Species Act, environmental contaminants, permits, and licenses.

Station Objectives

Provide oversight of Endangered Species Act compliance, particularly on Federal actions.

Conduct activities necessary to meet Fish and Wildlife Coordination Act responsibilities.

Participate in the environmental review of federally funded projects that may affect fish and wildlife.

Address potential contaminant impacts on natural resources.

Contribute to wetlands conservation through review of proposed work plans.

Station Fiscal Facts

Staff: 11

Current Budget (FY 00):
\$582,600

Activity Highlights

Provide Service lead on the Corps of Engineers' Missouri River Master Manual and associated operational activities.

Develop and implement replacement mitigation measures for the Garrison Diversion Unit.

Lead recovery activities for the Western Prairie fringed orchid in southeastern North Dakota.

Coordinate fish and wildlife issues relative to use of agricultural chemicals.

Implement recovery of the least tern and piping plover on the Missouri River and Prairie Coteau wetlands.

Promote public awareness of endangered species, environmental contaminants and prairie issues.

Conserve wetlands through coordination, project review, and alternative development.

Law Enforcement

Contact: Robert Prieksat, Senior Agent
Address: Box 254

Pierre, South Dakota 57501

Contact: Jim Klett, Special Agent
Address: Box 908

Devils Lake, North Dakota 58301

Contact: Richard Grosz, Special Agent
Address: 3425 Miriam Avenue

Bismarck, North Dakota 58501

Contact: Scott Peltier, Wildlife Inspector
Address: RRI, Box 115

Dunseith, North Dakota 58329

Telephone: 605-224-1001

Fax: 605-224-7518

E-mail: robert_prieksat@fws.gov

Telephone: 701-662-8610

Telephone: 701-255-0593

Telephone: 701-263-4462

What is Wildlife Law Enforcement?

Wildlife law enforcement is one of the basic tools used by FWS to achieve its wildlife management goals. LE personnel assist in controlling human interactions with the wildlife resource. They promote, through outreach and other educational programs, voluntary compliance with Federal wildlife laws. LE personnel apprehend those individuals and organizations who elect to violate the law.

Special Agents are criminal investigators who enforce Federal wildlife laws across the U.S.. Their investigative activities include surveillance, undercover work, developing intelligence on suspected violators, collecting evidence, making arrests, and preparing cases for court. Special Agents often work with other Federal, Tribal, foreign, or State LE agencies, as well as provide training to them about wildlife law enforcement techniques.

Wildlife Inspectors are the front line defense against the illegal wildlife trade - a criminal enterprise that threatens species worldwide. They are stationed along the Canada border and interior Customs Ports of Entry to inspect wildlife, their parts and products that are being imported into or exported from the U.S. When violations are encountered, they either refuse entry into the U. S., detain the shipment for further inspection, or seize the shipment, either seeking abandonment or referring to a Agent for investigation.

Activity Highlights

- Protect endangered species and their habitats, from illegal take, import/export, and commercialization.
- Investigate illegal take, transportation, and commercialization of big game and other wildlife.
- Ensure compliance with Federal migratory bird hunting regulations.
- Protect bald and golden eagles from being illegally poisoned, trapped, shot,

electrocuted, or illegal commercial activity.

- Ensure wildlife being is legally imported/exported, including being in compliance with international treaties (CITES) and other applicable laws.
- Investigate illegal take of migratory birds associated with environmental hazards such as oil production facilities, exposure to herbicides/pesticides, electrocution on power lines, and primary and secondary poisonings.
- Assist with law enforcement on Service lands, including protection of National Wildlife Refuges, wetland, grass land, and other conservation easements.

Partners

- North Dakota Game and Fish Department
- Other land management agencies
- Tribes in North Dakota
- U.S. Customs Service
- U.S. Attorney's Office (DOJ)

Wetland Acquisition Offices

Bismarck and Minot

Contact: *Stu Wacker*
Realty Field Supervisor
Address: *1500 East Capitol Avenue*
Bismarck, North Dakota 58501

Telephone: *701-250-4415*
Fax: *701-250-4412*
E-mail: *stu_wacker@fws.gov*

Contact: *Lawrence R. Veikley*
Realty Officer
Address: *2001 6th Street, SE, Suite #5*
Minot, North Dakota 58701

Telephone: *701-852-0318*
Fax: *701-852-0400*
E-mail: *lawrence_r_veikley@fws.gov*

Station Facts

Established in 1961 to operate the Small Wetland Acquisition Program with offices in Minot and Bismarck.

Waterfowl Production Areas are acquired in fee title. They provide essential nesting cover for waterfowl, and are open to hunting, fishing, and trapping.

Refuge Revenue Sharing (RRS) Payment

The Service makes payments to the counties to offset loss of property taxes based upon the Refuge Revenue Sharing Act.

Station Fiscal Facts

Staff: 7

Current Administrative and Acquisition Budget (FY 99): \$1 million

Most acquisitions are made under the authority of the Migratory Bird Hunting and Conservation Stamp Act of 1934. Waterfowl production is the primary purpose and benefit of the acquisition.

Payments in North Dakota totaled \$428,780 for FY 98, and are based upon 3/4 of 1 percent of the market value of the property owned in fee title. North Dakota State law requires counties to use RRS monies for roads and schools.

Active Acquisition Programs

The Service acquires wildlife habitat using fee title acquisition and conservation easements.

Conservation easements include two types: wetland easements and grassland easements.

Easements protect the habitat, but most surface ownership and taxes remain the responsibility of the landowner.

Fund Source for Habitat Acquisition

Funds for acquisition come from the Migratory Bird Conservation Fund. Revenues from Duck Stamps, import fees on firearms and ammunition, and some National Wildlife Refuge entrance fees contribute to this fund.

Forty-six million dollars have been spent on habitat acquisition and protection since this program began in the early 1960s.

Fire Management

*Contact: Phil Street
Regional Fire Management Coordinator
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Denver, Colorado 80225
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*Contact: Brian McManus
Zone Fire Management Officer
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Upham, North Dakota 58789
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E-mail: brian_mcmanus@fws.gov*

*Contact: David Walker
Fire Management Officer
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Kenmare, North Dakota 58746
Telephone: 701-385-4046
Fax: 701-385-4314
E-mail: david_walker@fws.gov*

*Contact: Lee Blaschke
Fire Control Officer
Address: Arrowwood NWR
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Pingree, North Dakota 58476
Telephone: 701-285-3341
Fax: 701-285-3350
E-mail: lee_blaschke@fws.gov*

Fire Management Facts

Fire is an important component of the prairie ecosystem and is an important tool used to manage many other ecosystems.

The exclusion of fire has altered many ecosystems from systems perpetuated by fire to systems which no longer represent the plant and animal communities present before the arrival of European man.

Nine areas in the State receive supplemental funding to suppress unwanted wildland fires and facilitate the use of fire as a management tool.

In order to use fire to achieve resource management objectives, certain environmental factors (fuel, moisture, wind, relative humidity, etc.) and managerial constraints (adequate staffing, contingency planning) must be met. These conditions are known as a “prescription.”

Activity Highlights

The use of management-ignited prescribed fire is an important tool which is used to perpetuate endangered plant and animal species and their habitats. Fire is also used to manage and control undesirable plant species.

In 1999, fire managers conducted 152 prescribed burns in North Dakota for 19,296 acres. During the same period, fire managers in North Dakota suppressed 70 wildfires involving 2,678 acres.

J. Clark Salyer NWR is the host for the North Dakota Interagency Coordination Center. The Center coordinates all interagency wildland fire response activities for agencies in North Dakota, and for Service personnel in South Dakota.

Fire management and refuge officials work with Federal, State, and local fire managers to control wildland fires and accomplish other common objectives.

Partners

- North Dakota (State) Forest Service
- North Dakota Game and Fish Department
- Various Tribes in North and South Dakota
- Bureau of Indian Affairs
- U.S. Forest Service
- National Park Service

North American Waterfowl Management Plan

Contact: Carol A. Lively
NAWMP Coordinator
Address: P.O. Box 25486, DFC
Denver, Colorado 80225

Telephone: 303-236-8155 x252
Fax: 303-236-8680
E-mail: carol_lively@fws.gov

State Contact: Ken Sambor
ND Game & Fish Department
Address: 100 North Bismarck Expressway
Bismarck, North Dakota 58504

Telephone: 701-328-6326
Fax: 701-328-6352

About the Plan

- International agreement signed in 1986.
- **Goal:** Return continental waterfowl populations to levels of mid-1970's.
- Achieve population goals by protecting, restoring, and enhancing wetland and grassland habitat.
- Includes 12 habitat joint ventures and 2 species joint ventures in the U.S., Canada, and Mexico.

North Dakota Projects

State projects include:

- Kellys Slough
- McLean Bottoms
- Lewis and Clark Bottoms
- Chase Lake
- Maple River Watershed
- Northern Coteau Wetlands
- Mouse River Watershed
- Great Plains-Southwest
- J. Clark Salyer Wetland
- North Dakota Drift Prairie
- Devils Lake Basin

North Dakota Partners

Over 2,000 farmers, ranchers, and other landowners; 12 Soil Conservation Districts; the Standing Rock Sioux Tribe; 7 Federal and 8 State agencies; 24 private conservation organizations; and 8 corporations participate.

Habitat Accomplishments

Over 445,000 acres of wetlands and associated uplands have been restored, enhanced, or protected in North Dakota through North American Wetlands Conservation Act (NAWCA) grants.

Financial Contributions to North Dakota

- Total NAWCA projects: \$29,847,900
- NAWCA contributions: \$10,477,890
- Partners contributions: \$19,370,000

Public Benefits

- Broad coalition of partners that support "voluntary" wetland conservation.
- Improved water quality.
- Enhanced floodwater storage.
- Improved community and landowner relations.
- Enhanced wildlife diversity.
- Increased public recreation opportunities.

North Dakota Federal Aid— Sport Fish and Wildlife Restoration



Contact: Vacant
Chief

Telephone: 303-236-7392
Fax: 303-236-8192

Address: P.O. Box 25486, DFC
Denver, Colorado, 80225

Source of Funding

Federal excise taxes paid by hunters, anglers, and boaters on hunting and fishing equipment; portion of the Federal fuel tax; and import duties on fishing tackle and pleasure boats.

How the Money Can Be Used

Fish and wildlife research; habitat enhancement; technical assistance; environmental review of public projects; land acquisitions; operation and maintenance of areas and facilities; boating and angler access improvements; comprehensive planning for fish and wildlife resources; and hunter and aquatic education.

Federal Aid to North Dakota (FY 00 Apportionments)

- Sport Fish Restoration: \$2.5 million
- Wildlife Restoration: \$2.7 million

Percent Federal Aid in State Wildlife Budget:

43%

Number of Participants and Economic Benefits to North Dakota

Fishing:

- Number of anglers 1998: 155,145
- Economic Impact of Angler Expenditures:* \$83 million

Hunting:

- Number of hunters 1998: 116,664
- Economic Impact of Hunter Expenditures:* \$58 million

Federal Aid Project Types in North Dakota **

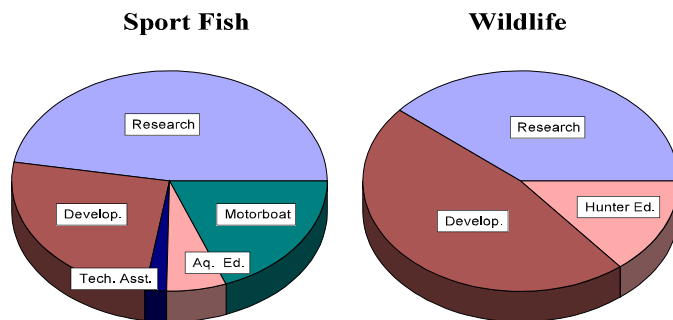
Sport Fish Restoration Projects:

- Research: 47.2%
- Development: 25.5%
- Aquatic Education: 6.4%
- Motorboat Access: 18.6%
- Tech. Assistance: 2.3%

Wildlife Restoration Projects:

- Research: 39%
- Development: 47%
- Hunter Education: 14%

Percentage of North Dakota Project Types in FA:



* Based on the "1996 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation."

** Based on approved 1998 Grant obligations (percentages reflect ±1%). State has five years to obligate Motorboat Access funds.

Migratory Bird Conservation

Contact: *Dr. John E. Cornely*
Migratory Bird Coordinator

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Stephanie L. Jones
Nongame Bird Coordinator
Address: *P.O. Box 25486, DFC*
Denver, Colorado 80225

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Fax: 303-236-8680

Inventory and Monitoring

Nongame bird monitoring

Mourning dove call count survey

Mid-winter waterfowl survey

Duck banding program

Habitat inventory and monitoring consultation

Research

Biological surveys of migratory birds on National Wildlife Refuges and Waterfowl Production Areas

Demographics of avian species, including response to burning and non-native vegetation at Lostwood and J. Clark Salyer NWRs

Reproduction and conservation of species of concern in mixed-grass prairie

Identification of predators of nesting passerines in mixed-grass prairie

Avian and vegetation monitoring at Audubon and Arrowwood NWRs

Management

Migratory Bird permit issuance and management

Migratory Bird hunting regulations development

Migratory Bird population surveys and management

Wildlife habitat management

Grassland/wetland restoration, creation, enhancement, and protection

Partnerships

North Dakota Department of Game and Fish

Northern Prairie Wildlife Research Center

North Dakota State University

University of North Dakota

Outreach

International Migratory Bird Day

Co-sponsorship of non-toxic shotgunning skills workshops

Student Career Experience Program