Hillside NWR

Mississippi

ZONE SUMMARY
MIDWINTER WATERFOWL SURVEY

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ZONE: _____ DATES 1/23 TO 1/ _____, 19 98

Survey Unit/Area	Hillside NWR					
Mallard	1,016					
Black duck	-					
Mottled duck	-					
Gadwall	535					
Wigeon	52					
G-W teal	375					
B-W teal	-					
Cinn. teal	-					
Shoveler	63					
Pintail	-					
Wood duck	750					
Whistling duck	-					
Subtotal-Dabblers	2,791					
Redhead	-					
Canvasback	-					
Scaup	125					
Ringneck	5					
Goldeneye	-					
Bufflehead	-					
Ruddy duck	-					
Subtotal-Divers	130					
Eider	-					
Scoter	-					
Oldsquaw	-					
Harlequin	-					
Subtotal-Seaducks	-					
Mergansers	-					
Unidentified ducks	160					
TOTAL DUCKS	3,081					
Brant	-					
Snow goose	-					
Blue goose	-					
Ross' goose	-					
White-fronted goose	-					
Canada goose	-					
TOTAL GEESE	-					
Tundra swan	-					
Trumpeter swan	-					
Mute swan	-					
TOTAL SWANS	-					
COOT	313					
GRAND TOTAL	3,394					

DAVID - Please complete this form and return after completing survey along with species and numbers. DRL

SUMMARY OF WINTER WATERFOWL SURVEY

State: MS

Dates 1/23 to 1/23, 1998

Hillside NWR

Summary and Evaluation of Waterfowl Survey:

Total Survey Units 3 Units Surveyed 2.

(Hillside, Morgan Brake, & Matthews Brake NWRs)

Narrative: (Describe weather, flooding, drought, delays and other factors affecting the survey.)

Approximately 1.65 inches of rain received two days before. Ground very wet. All impoundments at or above full pull. Minor flooding noted. Temperature between 40 and 45 °F. Very light wind, overcast skies. Reportedly, warm temperatures in the midwest have "held" duck further north. Same survey last year yielded > 10,000 ducks.

Unusual Concentrations:

(SEE ATTACHED TOTALS)

PARTICIPATION SUMMARY

Organization Participating	No. Personnel Participating	Aircraft No.	Aircraft Hrs. Flown	Aircraft Miles Flown	Cars No. used	Cars Miles driven	Boats No. used	Boats Miles traveled
Service	2				1	1		
State								
Other								
TOTALS	2				1	1		

David A. Uthe

Signature