

Salvador WMA Aerial Waterfowl Survey

Date: December 9, 2008
Pilot: Gene Rackel
Navigator: Jeb Linscombe
Observers: Tom Hess, Paul Provence

Prepared by: Jeb Linscombe

Area	Mallard	Mottled Duck	Gadwall	American Wigeon	GW Teal	BW Teal	Northern Shoveler	Canvasback	Ring-necked Duck	TOTAL
SW Corner Ponds										0
Camp Lake		6	100							106
East Ponds	20	2							70	92
NE Ponds	2		350	20		341	20		607	1,340
Netherlands			25	10		20	10	161	78	304
Timken	2	30								32
TOTAL	24	38	475	30	0	361	30	161	755	1,874
% Species Comp.	1%	2%	25%	2%		19%	2%	9%	40%	

Atchafalaya Delta WMA Aerial Waterfowl Survey

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Wax Lake Delta

Area	Mallard	Mottled Duck	Gadwall	Wigeon	GW Teal	Lesser Scaup	Canvasback	Ring-necked Duck	Northern Pintail	Northern Shoveler	TOTAL	Snow Geese	White-Fronted
	W-1	127		150		2,300				620			
W-2	182	27	3,400		2,050	780	60	1,050	1,337		8,886	1,000	
W-3	12	2	2,600		10,400	70			650		13,734		
W-4	20	2	2,350		2,300				300		4,972		
W-5	100	2	252		850	176	400		250	25	2,055		
W-6	10		2,710		2,900			600	35		6,255		
W-7			77		1,030	250	300				1,657		
W-8	10	2			40						52		
TOTAL	461	35	11,539	0	21,870	1,276	760	1,650	3,192	25	40,808		
% Species Comp.	1%	<1%	28%		54%	3%	2%	4%	8%	<1%			

Atchafalaya Delta

Area	Mallard	Mottled Duck	Gadwall	Wigeon	GW Teal	BW Teal	Canvasback	Ring-necked Duck	Northern Pintail	Northern Shoveler	TOTAL	Snow Geese	White-Fronted
	A-1	42	19	7,560		1,475							
A-2	70	4	3,380	200	3,050		70		1,005	50	7,829		10
A-3	41	14	1,250		2,590				100		3,995	5,500	
A-4	160								4		164		
A-5	110	4	5,510		200			50			5,874		
A-6	14	16									30		
A-7		2									2		
A-8	99	20	30	2	2,150				235		2,536		
TOTAL	536	79	17,730	202	9,465	0	70	50	1,344	50	29,526		
% Species Comp.	2%	<1%	60%	1%	32%		<1%	<1%	5%	<1%			

Comments:

White Lake Wetlands Conservation Area

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Habitat Type	Mallard	Northern Pintail	GW Teal	Ring- necked Duck	Gadwall	BW Teal	Mottled Duck	Wigeon	Northern Shoveler	TOTAL	White Fronted	Snow Geese
Refuge	162		5,100						200	5,462	149	
Hunting Area	3,844		10,040	15,600	27,800	8,000	320	860		66,464		
Unmanaged	8,089	2,438	2,625		2,700		135	75	9,638	25,700		
Ag Land										0	700	3,500
TOTAL	12,095	2,438	17,765	15,600	30,500	8,000	455	935	9,838	97,626		
% Species Comp.	13%	3%	16%	16%	32%	8%	<1%	1%	10%			

Comments: Refuge area is a total count. All other duck numbers are extrapolated. The normal multiplier was divided in half for this survey, because biologist felt that ducks were not distributed evenly within the marsh. Ducks were in unusually large flocks which inflated the total estimate for the survey.

Pass-A-Loutre WMA Aerial Waterfowl Survey

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Habitat Type	Mallard	Mottled Duck	Gadwall	American Wigeon	GW Teal	BW Teal	Canvasback	Northern Pintail	Ring-neck Duck	Lesser Scaup	TOTAL	White Fronted	Snow Geese
Splay		40	21,085	670			18,425		1,005	335	41,560		
Roseau		19	41,686	4,893	475	285			238		47,596		
Bay	DID NOT SURVEY												
TOTAL	0	59	62,771	5,563	475	285	18,425	0	1,243	335	89,156		
% Species Comp.		<1%	70%	6%	<1%		21%		1%	<1%			

Habitat Type	Acres
Splay	25,383
Roseau	51,677
Bay	33,428

Comments: All dabbling numbers are extrapolated. Large numbers of dabblers noted off line may account for absence of pintails in survey.

Pointe-Aux-Chenes WMA Aerial Waterfowl Survey

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Calculation By Marsh Management

Management Unit	Mallard	Mottled Duck	Gadwall	American Wigeon	GW Teal	BW Teal	Ring-neck duck	Northern Shovler	Lesser Scaup	TOTAL
Montegut			747			83				830
PAC		20			245					265
Grand Bayou		12								12
Unmanaged		311	244		444					999
TOTAL	0	343	991	0	689	83	0	0	0	2,106
% Species Comp.		16%	47%		33%	4%				

Management Unit	Acres
Montegut	3,700
PAC	4,900
Grand Bayou	4,600
Unmanaged	20,300

Comments: All numbers are extrapolated. Waterfowl habitat was degraded by Hurricanes Gustav and Ike

State Wildlife Refuge Aerial Waterfowl Survey

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Area	Mallard	Mottled Duck	Gadwall	Canvasback	GW Teal	Lesser Scaup	Ring-necked Duck	Northern Pintail	Northern Shoveler	TOTAL	Snow Geese	White-Fronted
Redfish Point										0		
East Lake Portage										0		
Shallow Bayou			25		200					225		
Bob Lake	15		10							25		
Fearman Lake	111	2	15							128		
Big Island Lakes			50	10						60		
North Lake			1,000		300	25			25	1,350		
Prien Bayou		6	51		545					602		
South Hog Lake			10							10		
TOTAL	126	8	1,161	10	1,045	25	0	0	25	2,400		
% Species Comp.	5%		48%	<1%	44%	1%						

Comments:

Marsh Island Refuge Aerial Waterfowl Survey

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Prepared by: Jeb Linscombe

Calculation By Marsh Type

Marsh Type	Mallard	Mottled Duck	Gadwall	GW Teal	BW Teal	Northern Pintail	Northern Shoveler	American Wigeon	Lesser Scaup	TOTAL	Snow Geese	White Fronted
Intermediate												
Brackish												
TOTAL												
% Species Comp.												

Calculation By Marsh Management

Management Unit	Mallard	Mottled Duck	Gadwall	GW Teal	BW Teal	Northern Pintail	Northern Shoveler	American Wigeon	Ring-necked Duck	TOTAL	Snow Geese	White Fronted
Impoundment		123	154	5,005						5282		
Unmanaged		3,648	15,413	10,526			608		114	30,309	11,000	
TOTAL	0	3,771	15,567	15,531	0	0	608	0	114	35,591		
% Species Comp.		10%	44%	44%			2%					

Marsh Type	<u>Acres</u>
Intermediate	20,397
Brackish	50,593

Management Unit	<u>Acres</u>
Impoundment	8,055
Unmanaged	62,935

Comments:

Rockefeller Refuge Aerial Waterfowl Survey

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Prepared by: Jeb Linscombe

	Mallard	Mottled Duck	Gadwall	American Wigeon	GW Teal	BW Teal	Northern Shoveler	Northern Pintail	Ring-necked Duck	Lesser Scaup	TOTAL	Snow Geese
Unit 1	26	7	240	64							337	
Unit 2					21,600						21,600	
Unit 3							36				36	
Unit 4	100	53	248	16		9		310			736	
Unit 5		5	972	5	68		108	27			1,185	
Unit 6	104	207	1,958	18	1,890		662	68			4,907	
Unit 8	42	6			420	1,120					1,588	
Unit 10		16	384		240						640	
Unit 13	106	103	209		1,045	76	388				1,927	
Unit 14	258	47	5,026		65	1,625	65	1,456			8,542	
Unit 15	55	609	536					210			1,410	
Price Lake		13	99				20				132	4,150
Unmanaged	25	85	905		1,500		2,220				4,735	
TOTAL	716	1,151	10,577	103	26,828	2,830	3,499	2,071	0	0	47,775	
% Species Comp.	1%	2%	22%	<1%	56%	6%	7%	4%				

	Acres	Habitat Conditions
Unit 1	1,250	
Unit 2	1,400	
Unit 3	3,700	
Unit 4	5,680	
Unit 5	4,900	
Unit 6	13,500	
Unit 8	1,030	
Unit 10	480	
Unit 13	1,770	
Unit 14	2,400	
Unit 15	900	
Price Lake	7,500	
Unmanaged	28,900	

Water levels are well below marsh level across the refuge during the survey. Hurricanes Rita and Ike caused damage to water control structures and levees. Most management units are somewhat tidally influenced at this time.

Comments: