

## Salvador WMA Aerial Waterfowl Survey

**Date:** November 21, 2005  
**Pilot:** Russell Johnson  
**Navigator:** Edmond Mouton  
**Observers:** Tom Hess, Jeb Linscombe

**Prepared by:** Jeb Linscombe

Area	Mallard	Mottled Duck	Gadwall	American Wigeon	GW Teal	BW Teal	Northern Shoveler	Northern Pintail	Lesser Scaup	TOTAL
SW Corner Ponds										
Camp Lake										
East Ponds										
NE Ponds			636		975	102			25	1738
Netherlands			10							10
Timken	6									6
<b>TOTAL</b>	<b>6</b>		<b>646</b>		<b>975</b>	<b>102</b>			<b>25</b>	<b>1754</b>
<b>% Species Comp.</b>	<b>&lt;1%</b>		<b>37%</b>		<b>56%</b>	<b>6%</b>			<b>1%</b>	

# Atchafalaya Delta WMA Aerial Waterfowl Survey

**Date:** November 22, 2005  
**Pilot:** Russell Johnson  
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**Observers:** Tom Hess, Jeb Linscombe

**Prepared By:** Jeb Linscombe

## Wax Lake Delta

Area	Mallard	Mottled Duck	Gadwall	Canvasback	GW Teal	BW Teal	Lesser Scaup	Northern Pintail	Northern Shoveler	TOTAL	Snow Geese	White-Fronted
W-1	10				1,200					1,210		
W-2	402				1,100					1,502		
W-3	775	2	102		1,250			250		2,379		
W-4	375			25						400		
W-5	2,100		1		500			750	200	3,551	100	
W-6	2,775		900		600			1,425	200	5,900		
W-7	500			3,000						3,500		
W-8	340				250				100	690		
<b>TOTAL</b>	<b>7,277</b>	<b>2</b>	<b>1,003</b>	<b>3,025</b>	<b>4,900</b>	<b>0</b>	<b>0</b>	<b>2,425</b>	<b>500</b>	<b>19,132</b>		
<b>% Species Comp.</b>	<b>38%</b>	<b>&lt;1%</b>	<b>5%</b>	<b>16%</b>	<b>26%</b>			<b>13%</b>	<b>3%</b>			

## Atchafalaya Delta

Area	Mallard	Mottled Duck	Gadwall	Wigeon	GW Teal	BW Teal	Lesser Scaup	Northern Pintail	Northern Shoveler	TOTAL	Snow Geese	White-Fronted
A-1	5									5		
A-2	450		35							485		160
A-3	95						40			135		
A-4	538	4			3					545		
A-5	2,575				250			600		3,425		50
A-6	580	10	120					125		835		
A-7	10									10	1,800	15
A-8	364	2								366		
<b>TOTAL</b>	<b>4,617</b>	<b>16</b>	<b>155</b>	<b>0</b>	<b>253</b>	<b>0</b>	<b>40</b>	<b>725</b>	<b>0</b>	<b>5,806</b>		
<b>% Species Comp.</b>	<b>79%</b>	<b>&lt;1%</b>	<b>3%</b>		<b>4%</b>		<b>&lt;1%</b>	<b>12%</b>				

**Comments:** Waterfowl habitat was severely impacted by Hurricane Rita.

## White Lake Preserve Inc.

**Date:** November 22, 2005  
**Pilot:** Russell Johnson  
**Navigator:** Edmond Mouton  
**Observers:** Tom Hess, Jeb Linscombe

**Prepared by:** Jeb Linscombe

Habitat Type	Mallard	Northern Pintail	GW Teal	Ring- necked Duck	Gadwall	BW Teal	Mottled Duck	Lesser Scaup	Northern Shoveler	<b>TOTAL</b>	White Fronted	Snow Geese
Refuge	15,000	23,000	6,000	10,000	1,800	200		6,000	2,000	<b>64,000</b>		
Hunting Area	23,896	2,000		200	3,200		408	48		<b>29,752</b>		
Ag Land										<b>0</b>		
<b>TOTAL</b>	<b>38,896</b>	<b>25,000</b>	<b>6,000</b>	<b>10,200</b>	<b>5,000</b>	<b>200</b>	<b>408</b>	<b>6,048</b>	<b>2,000</b>	<b>93,752</b>		
<b>% Species Comp.</b>	<b>41%</b>	<b>27%</b>	<b>6%</b>	<b>11%</b>	<b>5%</b>	<b>&lt;1%</b>	<b>&lt;1%</b>	<b>6%</b>	<b>2%</b>			

**Comments:** Duck numbers are in hunting area extrapolated and refuge area estimates are total counts. Goose numbers are total counts. Hurricane Rita caused damage to water control structures and levees. The refuge area has water levels much higher than normal and the hunting area was significantly impacted by brackish water.

## Pass A Loutre WMA Aerial Waterfowl Survey

**Date:** November 21, 2005  
**Pilot:** Russell Johnson  
**Navigator:** Edmond Mouton  
**Observers:** Tom Hess, Jeb Linscombe

**Prepared by:** Jeb Linscombe

Habitat Type	Mallard	Mottled Duck	Gadwall	Northern Shoveler	GW Teal	BW Teal	Canvasback	Northern Pintail	Ring-neck Duck	Lesser Scaup	TOTAL	White Fronted	Snow Geese
Splay		67	1,186	168				6,533			<b>7,954</b>		
Roseau	250	150	2,200			250		600			<b>3,450</b>		
Bay	DID NOT SURVEY												
<b>TOTAL</b>	<b>250</b>	<b>217</b>	<b>3,386</b>	<b>168</b>		<b>250</b>		<b>7,133</b>			<b>11,404</b>		
<b>% Species Comp.</b>	<b>2%</b>	<b>2%</b>	<b>30%</b>	<b>1%</b>		<b>2%</b>		<b>63%</b>					

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

**Comments:** All dabbling numbers are extrapolated, all diver numbers are observed. Waterfowl habitat was severely degraded by Hurricane Katrina.

## Pointe-Aux-Chenes WMA Aerial Waterfowl Survey

**Date:** November 21, 2005  
**Pilot:** Russell Johnson  
**Navigator:** Edmond Mouton  
**Observers:** Tom Hess, Jeb Linscombe

**Prepared by:** Jeb Linscombe

### 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										
Grand Bayou		30	180							<b>210</b>
Unmanaged		202	501			195				<b>898</b>
<b>TOTAL</b>		<b>232</b>	<b>681</b>	<b>0</b>	<b>0</b>	<b>195</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,108</b>
<b>% Species Comp.</b>		<b>21%</b>	<b>61%</b>			<b>18%</b>				

Management Unit	Acres
Montegut	3,083
Grand Bayou	4,524
Unmanaged	22,727

**Comments:** All numbers are extrapolated. Waterfowl habitat was degraded by Hurricanes Katrina and Rita. A large number of waterfowl were noted on private land north of PAC. The area appears to be cattle pasture flooded by Rita.

## State Wildlife Refuge Aerial Waterfowl Survey

**Date:** November 21, 2005  
**Pilot:** Russell Johnson  
**Navigator:** Edmond Mouton  
**Observers:** Tom Hess, Jeb Linscombe

**Prepared by:** Jeb Linscombe

Area	Mallard	Mottled Duck	Gadwall	American Wigeon	GW Teal	BW Teal	Ring-necked Duck	Lesser Scaup	Northern Shoveler	TOTAL	Snow Geese	White-Fronted
Redfish Point	75							100		175		
East Lake Portage												
Shallow Bayou	225				50					275		
Bob Lake										0		
Fearman Lake					25					25		
Big Island Lakes	162	18	15							195		
Prien Bayou	600		50					25		675		
South Hog Lake	100	200	308					20		628		
<b>TOTAL</b>	<b>1162</b>	<b>218</b>	<b>373</b>	<b>0</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>145</b>	<b>0</b>	<b>1973</b>		
<b>% Species Comp.</b>	<b>59%</b>	<b>11%</b>	<b>19%</b>		<b>4%</b>			<b>7%</b>				

**Comments:** Hurricane Rita may have impacted SAVs on refuge area.

## Marsh Island Refuge Aerial Waterfowl Survey

**Date:** November 22, 2005  
**Pilot:** Russell Johnson  
**Navigator:** Edmond Mouton  
**Observers:** Tom Hess, Jeb Linscombe

**Prepared by:** Jeb Linscombe

### Calculation By Marsh Type

Marsh Type	Mallard	Mottled Duck	Gadwall	GW Teal	BW Teal	Northern Pintail	Northern Shoveler	Ring-Necked Duck	Lesser Scaup	TOTAL	Snow Geese	White Fronted
	Intermediate	88	16	160					1,400		320	<b>1984</b>
Brackish	1,094	367	5,162	612			1,728	1,980	2,268	<b>13,211</b>	13,000	
<b>TOTAL</b>	<b>1182</b>	<b>383</b>	<b>5322</b>	<b>612</b>	<b>0</b>	<b>0</b>	<b>1728</b>	<b>3380</b>	<b>2588</b>	<b>15,195</b>		
<b>% Species Comp.</b>	<b>8%</b>	<b>3%</b>	<b>35%</b>	<b>4%</b>			<b>11%</b>	<b>22%</b>	<b>17%</b>			

### Calculation By Marsh Management

Management Unit	Mallard	Mottled Duck	Gadwall	GW Teal	BW Teal	Northern Pintail	Northern Shoveler	Ring-Necked Duck	Lesser Scaup	TOTAL	Snow Geese	White Fronted
	Impoundment			308				770				<b>1078</b>
Unmanaged	1,239	402	5,373	646			1,064	3,420	2,698	<b>14,842</b>	13,000	
<b>TOTAL</b>	<b>1239</b>	<b>402</b>	<b>5681</b>	<b>646</b>	<b>0</b>	<b>0</b>	<b>1834</b>	<b>3420</b>	<b>2698</b>	<b>15,920</b>		
<b>% Species Comp.</b>	<b>8</b>	<b>3%</b>	<b>35%</b>	<b>4%</b>			<b>12%</b>	<b>21%</b>	<b>17%</b>			

**Marsh Type**      **Acres**  
Intermediate      20,397  
Brackish            50,593

**Management Unit**      **Acres**  
Impoundment      8,055  
Unmanaged        62,935

**Comments:** Hurricane Rita damaged water control structures and levees. Management units are tidally influenced at this time.

# Rockefeller Refuge Aerial Waterfowl Survey

**Date:** November 22, 2005  
**Pilot:** Russell Johnson  
**Navigator:** Edmond Mouton  
**Observers:** Tom Hess, Jeb Linscombe

**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			2,320		2,560	320	560	800			<b>6,560</b>	
Unit 2	22		263				90				<b>375</b>	
Unit 3	60		60				7				<b>127</b>	
Unit 4	6	62	698		9,319		2,350		78	78	<b>12,591</b>	10,000
Unit 5	5	5	894		540		8			824	<b>2,276</b>	
Unit 6	9	117	315				45				<b>486</b>	
Unit 8					2,040						<b>2,040</b>	
Unit 10											<b>0</b>	
Unit 13											<b>0</b>	
Unit 14		94	299			10					<b>403</b>	
Unit 15	74		861		2,982	53	1,680				<b>5,650</b>	
Price Lake		135	215				50		6,750	347	<b>7,497</b>	
Unmanaged	100	415	1,250		625		875				<b>3,265</b>	
<b>TOTAL</b>	<b>276</b>	<b>828</b>	<b>7,175</b>	<b>0</b>	<b>18,066</b>	<b>383</b>	<b>5,665</b>	<b>800</b>	<b>6,828</b>	<b>1,249</b>	<b>41,270</b>	
<b>% Species Comp.</b>	<b>&lt;1%</b>	<b>2%</b>	<b>17%</b>		<b>44%</b>	<b>&lt;1%</b>	<b>14%</b>	<b>2%</b>	<b>17%</b>	<b>3%</b>		

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 were approximately at marsh level across the refuge during the survey. Hurricane Rita caused damage to water control structures and levees. Most management units are tidally influenced at this time.

**Comments:** Hurricane Rita hit Grand Chenier on Sept. 23, 2005 with a 15' to 20' storm surge which severely impacted waterfowl habitat on Rockefeller Refuge.