

Coast-wide Nutria Control Program 2024 - 2025

Nutria Harvest and Distribution 2024-2025 and A Survey of Nutria Herbivory Damage in Coastal Louisiana 2025



***Funded by Coastal Wetlands, Planning, Protection, and Restoration Act through
the Natural Resources Conservation Service and the Coastal Protection and
Restoration Authority**

**Conducted by: Furbearer Program
Louisiana Department of Wildlife and Fisheries
As part of the Coast-wide Nutria Control Program*
CWPPRA Project (LA-03b)
Submitted by: Jennifer Manuel
September 1, 2025**

TABLE OF CONTENTS

	Page
Section 1	Nutria Harvest Distribution 2024-2025----- 4
Section 2	A Survey of Nutria Herbivory Damage in Coastal Louisiana in 2025----- 12
Section 3	Summary----- 20
Figures	
	Figure 1 (Annual Nutria Pelt Sales and Avg. Price per Pelt) ----- 5
	Figures 2A-B (Participants level of Harvest) ----- 8
	Figure 3 (Nutria Harvest per Month) ----- 9
	Figure 4 (Harvest by Marsh Type) ----- 10
	Figure 5 (Method of Take) ----- 10
	Figure 6 (Method of Take by Marsh Type) ----- 10
	Figure 7 (Harvest by Parish) ----- 11
	Figure 8 (Damage Type) ----- 15
	Figure 9 (Percentage of Damaged Acres per Parish) ----- 15
	Figures 10A-C (Locations of Damage by Marsh Type) ----- 16
	Figure 11 (Nutria Relative Abundance Rating) ----- 17
	Figure 12 (Vegetative Damage Rating) ----- 17
	Figure 13 (Age of Damage and Condition Rating) ----- 18
	Figure 14 (Prediction of Recovery) ----- 18
	Figure 15 (CNCP Progress) ----- 20
	Figure 16 (Total Tails by Parish over all Seasons) ----- 23
	Figure 17 (Tail Collection Data Sheet) ----- 24
Tables	
	Table 1 (Carcass Use) ----- 11
	Table 2 (Three Years Prior to CNCP) ----- 21
	Table 3 (Twenty Years of the CNCP) ----- 21
	Table 4 (Nutria Harvest by Parish Seasons 1-23) ----- 26
	Table 5 (Method of Take by Parish Seasons 1-23) ----- 30
	Table 6 (Status and Number of Nutria Herbivory Sites) ----- 36
	Table 7 (Number of Nutria Damage Sites and Acres) ----- 37
	Tables 8 (Number of Damage Sites and Acres by Marsh Type) ---- 42
	Tables 9 (Nutria Relative Abundance Rating) ----- 44
	Tables 10 (Vegetative Damage Rating) ----- 46
	Tables 11 (Age of Damage and Condition Rating) ----- 48
	Tables 12 (Prediction of Recovery) ----- 50
	Table 13 (2025 Nutria Veg. Damage Survey Results) ----- 55

Appendices

Appendix A -----	25
- Season Comparison Data	
Appendix B -----	52
- 2024-2025 Harvest and 2025 Damage Sites Map	
- 2025 Veg. Damage Survey Results	
- 2025 Veg. Damage Survey Data Sheet	
- Code Key for Veg. Damage Survey Data Sheet	

Section 1

Nutria Harvest Distribution for 2024-2025

Introduction

The nutria (Myocastor coypus) is a large semi-aquatic rodent indigenous to South America. The first introduction of nutria to North America occurred in California in 1899; however, it was not until the 1930's that additional animals were introduced in seven other states primarily for fur farming. These fur farms failed during the Second World War as a result of poor pelt prices and poor reproductive success. After the failures of these fur farms, nutria was released into the wild. Seventeen states in the US now have feral nutria populations.

The Gulf Coast nutria population originated in Louisiana in the 1930's from escapes and releases from nutria farms. Populations first became established in the western coastal portion of the state and then later spread to the east through natural expansion coupled with stocking. During the mid-1950's, muskrat populations were declining, nutria had little fur value, and serious damage was occurring in rice fields in southwestern Louisiana and sugarcane fields in southeastern Louisiana; farmers complained about damage to crops and levee systems, while muskrat trappers blamed the nutria for declining numbers of muskrats. In 1958, the Louisiana Legislature placed the nutria on the list of unprotected wildlife and created a \$0.25 bounty on every nutria killed in 16 south Louisiana parishes, but funds were never appropriated.

Research efforts were initiated by the federal government in the southeastern sugarcane region of the state to determine what control techniques might be successful. This research conducted by the U.S. Fish and Wildlife Service during the 1960's examined movements in relation to sugarcane damage and recommended shooting, trapping, and poisoning in agricultural areas. Ted O'Neil, Chief of the Fur and Refuge Division, Louisiana Department of Wildlife and Fisheries (LDWF), believed that the problem could only be solved through the development of a market for nutria pelts. A market for nutria developed slowly during the early 1960's and by 1962 over 1 million pelts were being utilized annually in the German fur trade. The nutria became the backbone of the Louisiana fur industry for the next 20 years, surpassing the muskrat in 1962 in total numbers harvested. In 1965, the state legislature returned the nutria to the protected list. As fur prices showed a slow rise during most of the 1970's and early 1980's, the harvest averaged 1.5 million pelts and complaints from agricultural interest became uncommon. From 1971 through 1981 the average annual value of the nutria harvest to the coastal trappers was \$8.1 million. The nutria harvest in Louisiana from 1962 until 1982 remained over 1 million annually. The harvest peaked in 1976 at 1.8 million pelts worth \$15.7 million to coastal trappers (Figure 1).

The nutria market began to change during the early 1980's. In 1981-1982, the nutria harvest dropped slightly below 1 million. This declining harvest continued for two more seasons; then in the 1984-1985 season, the harvest jumped back up to 1.2 million. During the 1980-1981 season, the average price paid for nutria was \$8.19. During the 1981-1982 season, the price dropped to \$4.36 and then in 1982-1983, the price dropped to \$2.64. Between the 1983-1984 season and the 1986-1987 season, prices fluctuated between \$3.00 and \$4.00. Then in 1987-1988 and again in 1988-1989 prices continued to fall (Figure 1). From 1982 through 1992 the average annual value of the nutria harvest was only \$2.2 million. Between 1988-1989 and 1995-1996 the number of nutria harvested annually remained below 300,000 and prices remained at or below a \$3.00 average.

Due to a strong demand for nutria pelts in Russia in both 1996-1997 and in 1997-1998, 327,286 nutria were harvested at an average price of \$4.13 and 359,232 nutria were harvested at an average price of \$5.17 during those seasons respectively. In September 1998, the collapse of the Russian economy and general instability in the Far East economies weakened the demand for most wild furs including nutria. The demand for nutria pelts in Russia declined quickly due to the devaluation of the Russian ruble. During the 1998-1999 trapping season, pelt values fell to \$2.69 and harvest decreased to only 114,646, less than one-third of the previous year. During the 1999-2000 trapping season there was virtually no demand for nutria pelts. The harvest decreased to 20,110 nutria. This was, by far, the lowest nutria harvest on record since the mid-1950's. The number of nutria harvested in 2000-2001 trapping season increased to 29,544. The value of nutria pelts decreased to \$1.75 during the 2001-2002 season, prompting another decrease in harvest to 24,683 nutria. The nutria fur market has never recovered.

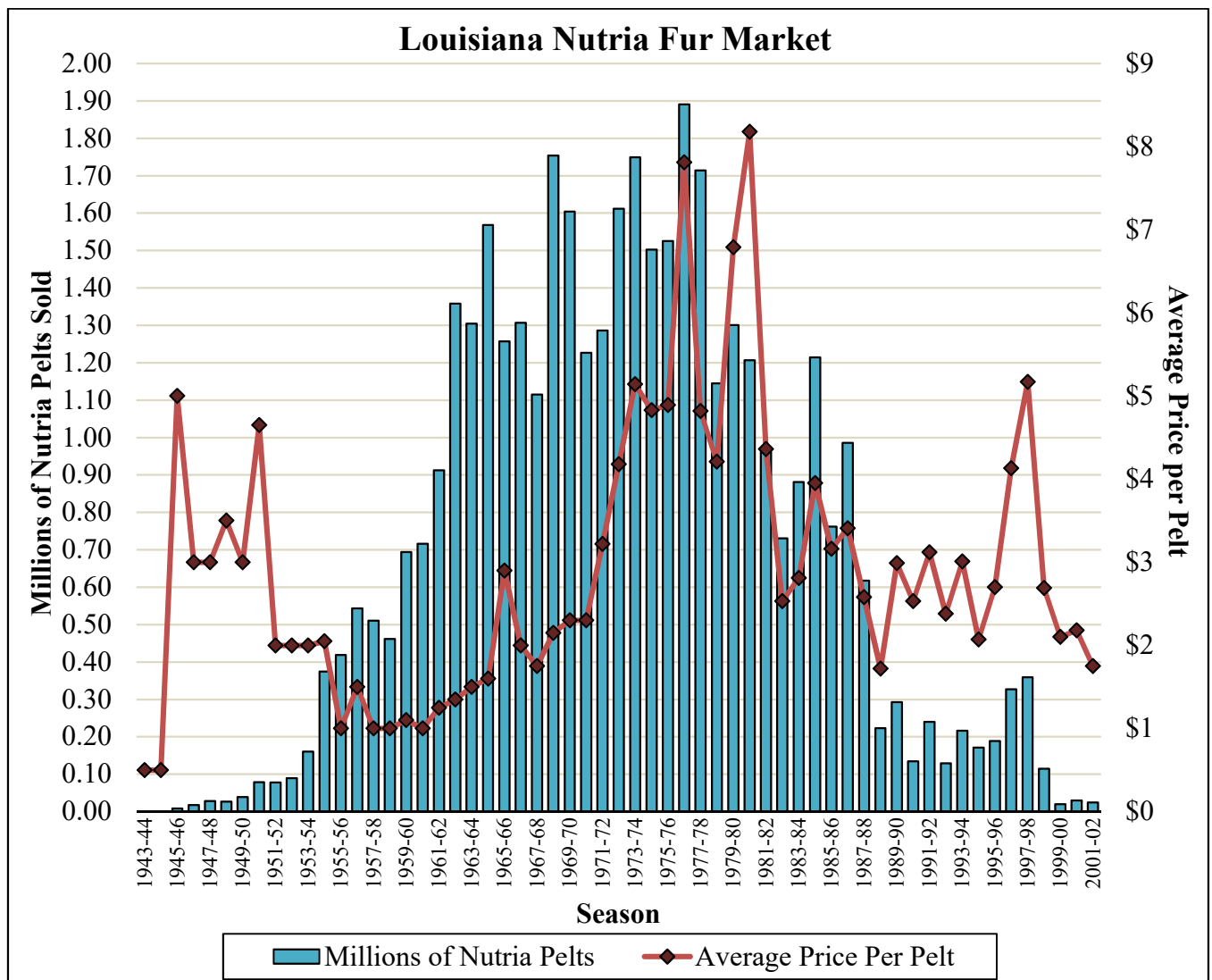


Figure 1. Louisiana fur market 1943 – 2002 (the season prior to CNCP implementation).

During the strong market period for nutria pelts, there were no reports of wetland damage caused by nutria. However, before the market developed and after the market declined, reports of marsh vegetation damage from land managers became common. Such complaints began in 1987 and became more frequent during the early 1990's. In response, the Fur and Refuge Division (LDWF) initiated limited aerial survey flights, particularly in southeastern Louisiana. Survey flights of Barataria and

Terrebonne basins were conducted during the 1990's, with initial support from Barataria-Terrebonne National Estuary Program (BTNEP) and later support from Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA). From 1993 to 1996 these flights showed acres of damage increasing from approximately 45,000 to 80,000 acres within the basins. The first CWPPRA funded coast wide survey, conducted in 1998, showed herbivory damage areas totaling approximately 90,000 acres. By 1999 this coast wide damage had increased to nearly 105,000 acres. This rapid and dramatic increase in damaged acres prompted LDWF to pursue funding for the Coast-wide Nutria Control Program (CNCP) in January 2002.

The project is funded by the CWPPRA through the Natural Resources Conservation Service (NRCS) and the Coastal Protection and Restoration Authority (CPRA) with the LDWF as the lead implementing agency. Task one requires LDWF to conduct an annual aerial survey to evaluate the herbivory damage caused by nutria. Task two of the CPRA and LDWF Interagency Agreement No. 2511-02-29 for the CNCP requires LDWF to conduct general project operation and administration. LDWF is required to 1) conduct and review the registration of participants in the CNCP; 2) establish collection stations across coastal Louisiana; 3) count valid nutria tails and present participants with a receipt/voucher; 4) deliver tails to an approved disposal facility and receive documentation that ensures the nutria will be properly disposed of and shall not leave the facility; and 5) process and maintain records regarding participants, number and location where tails were collected. Task 3 requires LDWF to provide incentive payments to program participants and task 4 requires LDWF to provide a report regarding the distribution of the harvest by township.

The program area is coastal Louisiana bounded to the north by Interstate-10 from the Texas state line to Baton Rouge, Interstate-12 from Baton Rouge to Slidell, and Interstate-10 from Slidell to the Mississippi state line. The project goal is to significantly reduce damage to coastal wetlands attributable to nutria herbivory by removing 400,000 nutria annually. This project goal is consistent with the Coast 2050 common strategy of controlling herbivory damage to wetlands. The method chosen for the program is an incentive payment to registered trappers/hunters for each nutria tail delivered to established collection centers. Initially, registered participants were given \$4.00 per nutria tail. To encourage participation, the payment was increased to \$5.00 per tail in the 2006-2007 season and \$6.00 before the 2019-2020 season.

Methods

The application for participation in the CNCP was developed in July 2002 but is reviewed annually and updated as needed. It was made available through the LDWF offices and the www.nutria.com website. Past participants were automatically sent an application in September of 2024. In order for a participant to be qualified, the individual must complete the application, obtain written permission from a landowner or land manager with property in the program area, complete a W-9 tax form and provide LDWF with a complete legal description of the property to be hunted or trapped. A map outlining the property boundaries was an added requirement of participants beginning with the 2003-2004 season. Once an applicant was accepted, the participant was mailed information on the program's regulations, collection sites for nutria tails, contact information and a CNCP registration card.

Coastal Environments Inc. (CEI) was selected as the contractor to develop and maintain the program database, collect nutria tails, and distribute incentive payment checks to participants for tail harvests. The contract with CEI, which began with the 2002-2003 season, was extended to include the 2003-2004 through 2006-2007 seasons, with the option to renew for 3 years thereafter. CEI was awarded the contract again in 2010, 2015 and again in 2020. All were three-year contracts with the option to renew

an additional two years. Tail collection sites were originally established at Rockefeller Refuge, Abbeville, Berwick (Morgan City), Houma, and Luling. Slidell and St. Bernard have since been added. Collections were made once a week at most sites except Abbeville and Rockefeller were by appointment only, Slidell and St. Bernard were scheduled biweekly. Rockefeller was removed as a collection site for the 2020-2021 season due to the extensive damage caused by both Hurricanes Laura and Delta but was added back in as a collection location before the 2022-23 season.

Louisiana's open trapping season began on November 20, 2024. Nutria tail collections began November 25, 2024, and were scheduled to continue through April 5, 2025, which was 1 week after the season closed. Collections were made utilizing a 16 foot by 8 foot trailer containing a freezer, sorting table and desk. Participants reported to the collection site of their choice, presented their nutria control program registration card, and presented their tails to a CEI representative.



One CEI representative conducted an exact count of the nutria tails, which was then verified with the participant to ensure they were in agreement. At that time, the counted tails were placed into a plastic garbage bag labeled with the participant's CNCP registration number and the number of tails contained in that bag. Another CEI representative filled out a voucher on a tablet PC for the number of tails delivered, checking to make sure the mailing address of the participant was correct. The participant was asked a wide range of questions including method of take, location of take, and method of disposal (Figure 17). When complete, the voucher was signed using a stylus by the participant who would also indicate on a detailed map of their lease the location or locations where the nutria were harvested. The CEI representative would use a stylus to draw a polygon around the indicated area in a mapping program and save an electronic copy of the completed voucher. A copy of the voucher was printed and given to the participant. LDWF personnel conducted random audits of collected tails to ensure accuracy in counting and incentive payments.



The information on the voucher was transferred electronically to the CEI main offices via an FTP site for analysis and quality control. The data transfer occurred at the end of each collection day. Collected tails were transported to the BFI waste storage facility in Sorrento, Louisiana, at the end of each

collection week or more frequently if necessary. The CEI representative checked in at a guard station where the vehicle containing the tails was weighed. The vehicle was also weighed when exiting the disposal site in order to calculate the exact amount of waste deposited at the facility. The tails were deposited into a biohazard waste pit under supervision of a BFI employee. The number of bags disposed, as well as weight deposited, was recorded on a receipt given to the CEI representative. Copies of the receipts for all disposals made were supplied to LDWF.

The digitized vouchers and maps went through a rigorous QA/QC process each week which would end with the data being compiled and sent in a weekly report to LDWF detailing each transaction, including digital maps exported from ArcMap of that week's trapped/hunted areas. Each Monday morning, after receiving a weekly report and bill, LDWF sent a payment to CEI for the amount of tails collected and services rendered. CEI in turn sends participants checks through the mail for the amount of tails turned in. After the conclusion of the season, CEI provided LDWF with all the transaction information for the entire season from November to March. This final report contains information recorded on the vouchers, the digitized trapped/hunted area, the nutria control program database and an ArcMap project map with related information.

Results and Discussion

Participant Totals

We registered a total of 410 participants in the program for the 2024-2025 season. A total of 357,015 nutria tails worth \$2,142,090 in incentive payments were collected from 225 active participants. The fewest number of tails turned in by a single participant was 5 and the greatest number of tails by a single participant was 63,118. Approximately 33% of active participants turned in 800 or more tails (Figure 2A). Of the 75 participants who turned in 800 or more tails, 18% turned in more than 4,000 tails (Figure 2B).

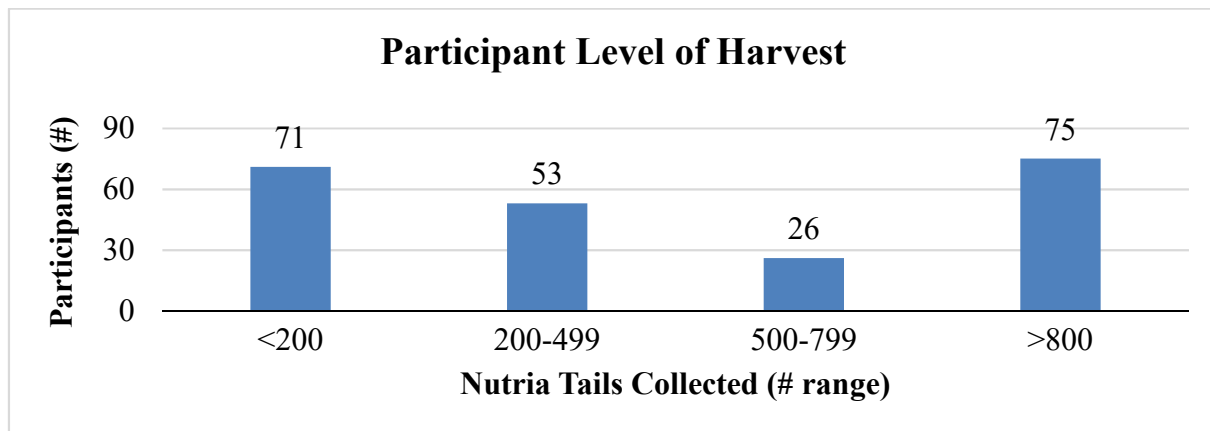


Figure 2A. Participant level of harvest for all 225 active participants.

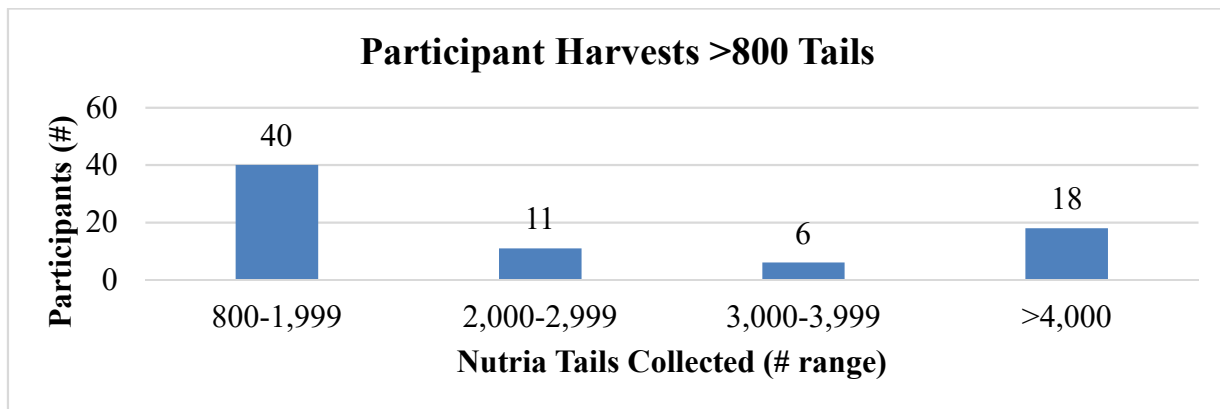


Figure 2B. Participant level of harvest for the 75 participants who harvested more than 800 tails.

Harvest by Month

The 2024-2025 trapping season began November 20th, 2024 and continued through March 31st, 2025. One hundred and nine thousand and two (109,002) tails were turned in the month of March making it the most active month for collections (Figure 3).

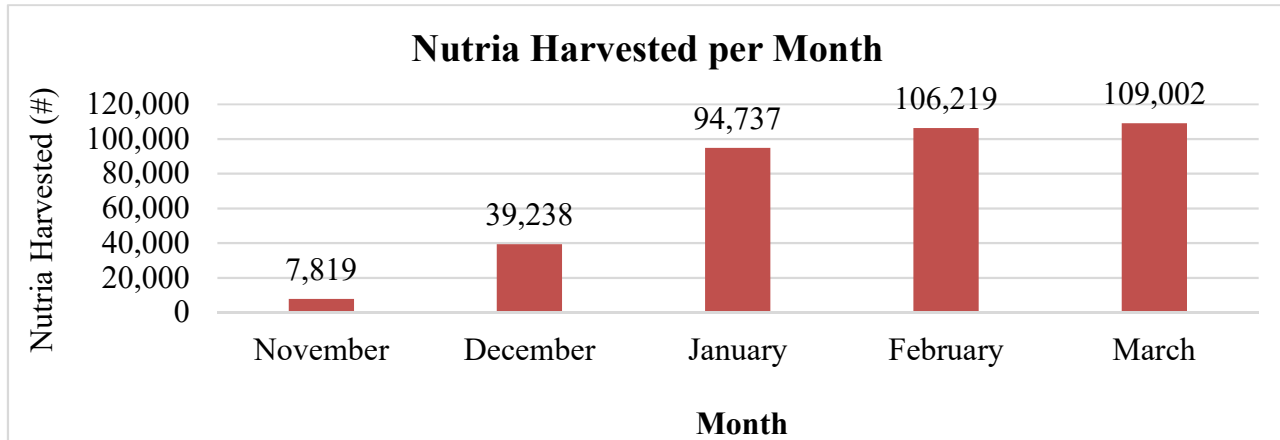


Figure 3. CNCP nutria harvest per month.

Harvest by Marsh Type

Harvest data were classified by marsh type: Fresh Marsh; Intermediate Marsh; Brackish Marsh; Salt Marsh; Swamp; and Other. The category “Other” includes developed properties and agricultural areas. During the 2024-2025 season, 26% of nutria were harvested from Fresh Marsh, Swamp (21%), Intermediate (39%), Brackish (1%), Salt (4%), and Other (8%; Figure 4). During the first 15 seasons, we reported harvests for a category called “Open Water”, which were leases having more acres of open water than land acres. We eliminated “Open Water” during the 2016-2017 season because that category was too vague and instead these harvests are included in the marsh type category that comprised the most land acres within the lease area.

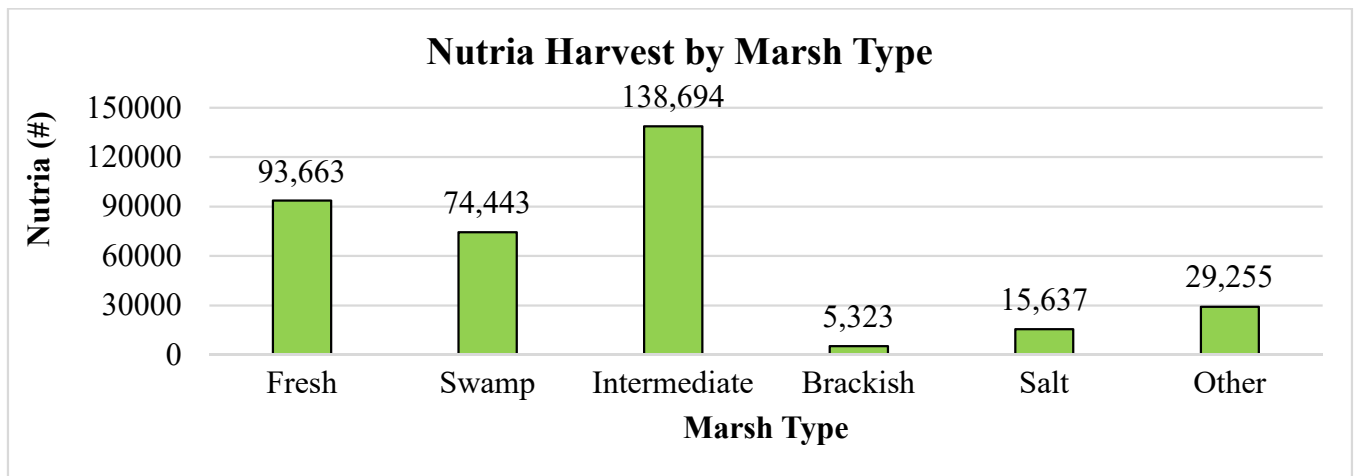


Figure 4. CNCP nutria harvest by marsh type.

Method of Take

During collection transactions, program participants indicated their method of take: trapped; shot with rifle; or shot with shotgun. The predominant method of take used in the 2024-2025 season was shooting with a rifle (Figure 5).

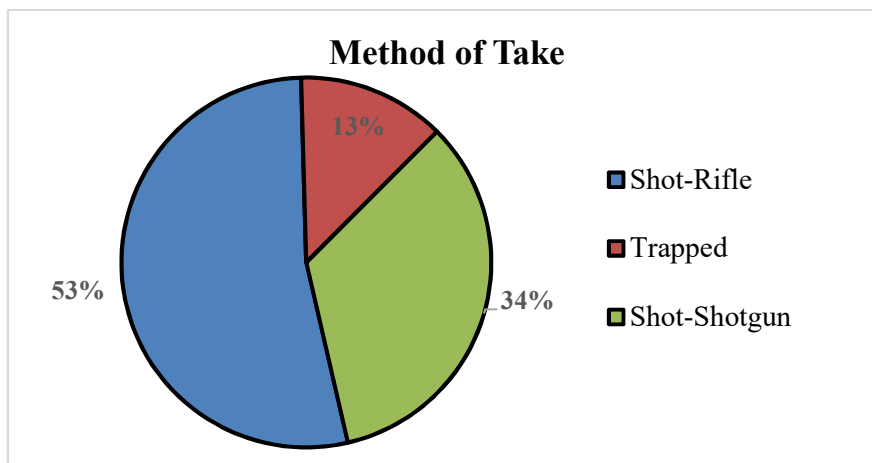


Figure 5. Method of take.

Harvesting with a rifle is the most common method of take used in all marsh types (Figure 6).

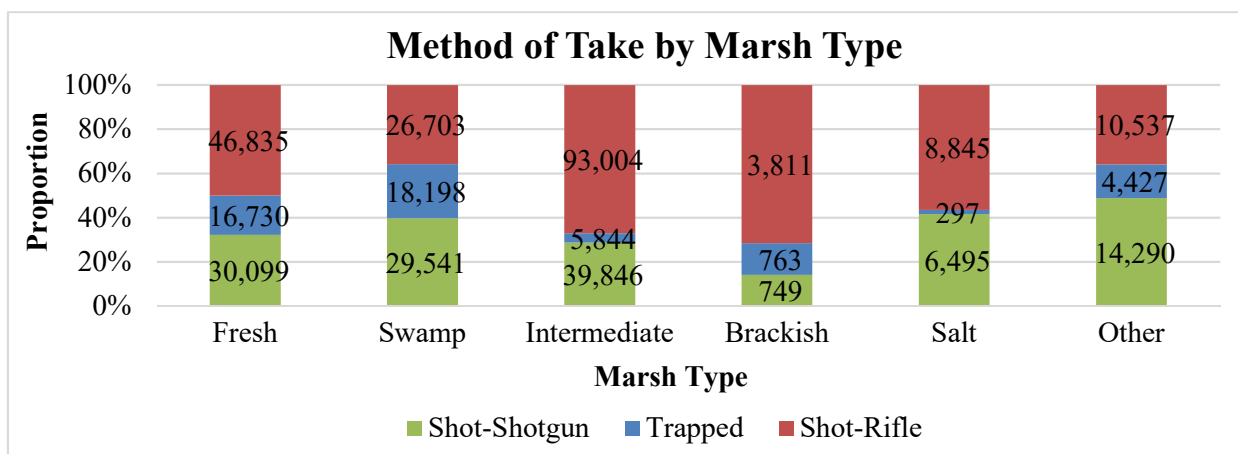


Figure 6. Method of take within each marsh type.

Carcass Use/Disposal

Use or method of disposal for nutria carcasses was recorded for each participant transaction. Overall, 1% of the nutria harvested were kept as whole carcasses, of which no hides or meat were reported sold. The remaining 99% of nutria carcasses were disposed of by approved methods, which include burying carcasses, placing carcasses in heavy overhead vegetation, or sinking the carcasses in the water (Table 1). Fur Buyers reported increased interest from overseas buyers for nutria pelts which led to more participants choosing to remove the carcasses from the marsh to sell.

Marsh Type	Whole Carcass	Hide	Meat	Abandoned-Buried	Abandoned-Vegetation	Abandoned-Waterway
Fresh	760	0	1,083	58,410	17,125	17,368
Swamp	110	0	477	60,923	10,130	3,280
Intermediate	525	0	563	57,432	68,895	11,841
Brackish	0	0	0	3,549	180	1,594
Salt	0	0	0	8,444	3,129	4,065
Other	420	0	532	21,580	3,793	3,462
Total	1,815	0	2,655	210,338	103,253	41,609

Table 1. CNCP nutria carcass use or disposal. The total number within each category was estimated from percentages reported by participants and may not match total nutria harvested.

Harvest by Parish

Twenty parishes were represented in the 2024-2025 season of the CNCP, with nutria harvests ranging from 292 to 104,219 nutria. Plaquemines Parish reported the highest number of tails with 104,219 followed by St. Tammany, St. Mary, and Terrebonne Parishes with 48,169, 42,355, and 33,939 tails respectively (Figure 7).

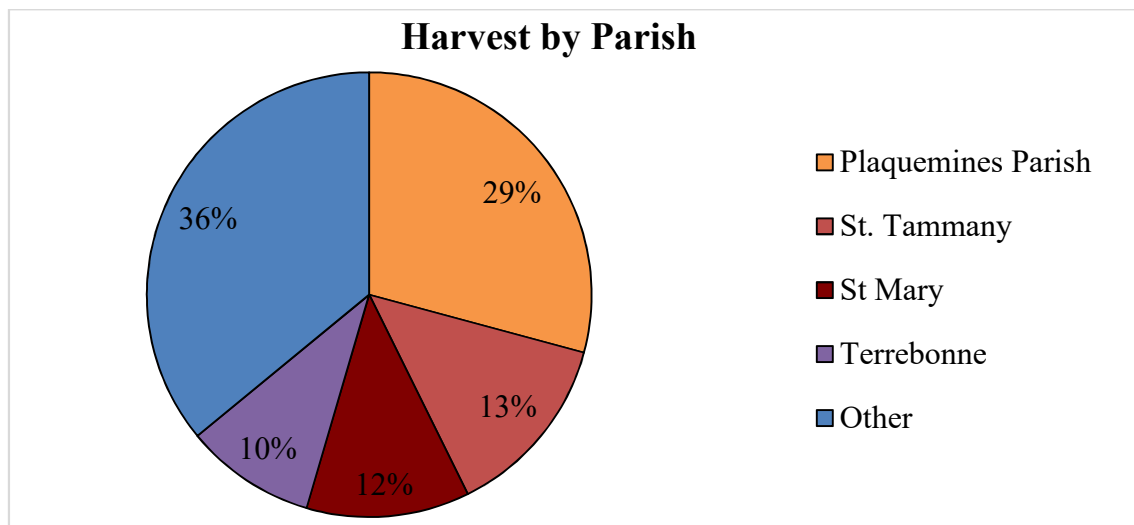


Figure 7. CNCP harvest by parish.

Section 2

A SURVEY OF NUTRIA HERBIVORY DAMAGE IN COASTAL LOUISIANA IN 2024

Introduction

Herbivory damage was noticed in the late 1980's by landowners and land managers when the price of fur dropped and the harvest of nutria all but ceased. The LDWF was contacted to investigate the problem. The first region wide aerial survey became possible because of the interest and concern of many state and federal agencies, coastal land companies and, in particular, funding provided by BTNEP. The objectives of the aerial survey were to: (1) determine the distribution of damage along the transect lines as an index of region wide damage, (2) determine the severity of damage as classified according to a vegetative damage rating, (3) determine the abundance of nutria by the nutria relative abundance rating (4) determine the species of vegetation being impacted and (5) determine the status of recovery of selected damaged areas (Linscombe and Kinler 1997).

Helicopter surveys were flown in May and December 1993 and again in March and April 1996 across the Barataria and Terrebonne Basins. During the December 1993 survey, 90 damaged sites were observed with more than 15,000 acres of marsh impacted along the transects with an estimated 60,000 acres across the study area. In 1996, a total of 157 sites were observed. The damage observed along the transect lines increased to 20,642 acres, and an extrapolated acreage of 77,408 acres across the study area. (The extrapolated coast wide estimate is derived by multiplying the observed acres by 3.75 to account for area not visible from the transect lines.) All of the 1993 sites were evaluated again in 1996, but only 9% showed any recovery. Clearly, the trend identified was a continued increase in both the number of sites and the extent of nutria damage in the Barataria and Terrebonne Basins.

In 1998, the first coast wide nutria herbivory survey was flown, as part of the Nutria Harvest and Wetland Demonstration Program (LA-03a). A total of 23,960 acres of damaged wetlands were located at 170 sites along the survey transects, with an extrapolated coast wide estimate of 89,850 acres. In 1999, the damage increased to 27,356 acres located at 150 sites, with an extrapolated coast wide estimate of 102,585 acres. In 2000, the damage slightly decreased to 25,939 acres located at 132 sites, with an extrapolated coast wide estimate of 97,271 acres. In 2001, the damage decreased to 22,139 acres located at 124 sites, with an extrapolated coast wide estimate of 83,021 acres. In the 2002 survey, which was the first survey funded as part of the CNCP and the survey which preceded implementation of the CNCP incentive payments, the damage decreased again, but only slightly to 21,185 acres located at 94 sites, with an extrapolated coast wide estimate of 79,444 acres. During the 2003 survey, a total of 84 sites had some level of vegetative damage and covered a total of 21,888 acres, with an extrapolated coast wide estimate of 82,080 acres. In summary, the coast wide estimates of nutria herbivory damage prior to implementation of the CNCP incentive payments (from 1998 to 2003) ranged from 79,444 to 102,585 acres.

Vegetative damage caused by nutria has been documented in at least a dozen CWPPRA project sites in the Barataria and Terrebonne Basins. Nutria herbivory is only one of many factors causing wetlands loss, but the additional stress placed on the plants by nutria herbivory may be very significant in CWPPRA projects sites and throughout coastal Louisiana.

The previous extrapolated estimates of 79,444 to 102,585 acres of marsh damaged was conservative because only the worst sites (most obvious) can be detected from aerial surveys; the actual number of

acres being impacted was certainly higher. When vegetation is removed from the surface of the marsh, as a result of over grazing by nutria, the very fragile organic soils are exposed to erosion through tidal action and/or storms. If damaged areas do not revegetate quickly, they may become open water as tidal scour removes soil and thus lowers elevation. This is evident as the damaged sites that converted to open water over the last five years have been in the intermediate and brackish marsh types. Frequently the plant's root systems are also damaged, making recovery through vegetative regeneration very slow.

In an effort to create an incentive for trappers and hunters, the CNCP was implemented. Task 1 of the CPRA and LDWF Interagency Agreement No. 2511-02-29 for the CNCP requires LDWF to conduct annual coast wide aerial surveys during spring/summer to document the current year's impact of nutria herbivory. Survey techniques followed Linscombe and Kinler (1997), and CNCP funded surveys, have been conducted each spring from 2003 to present. Results were analyzed and the numbers of acres impacted or recovered were determined.

Methods

The 2025 coast wide nutria herbivory survey began on March 31st and concluded on April 16th. Eight days of flying were conducted over the two and a half weeks with breaks, as needed, for poor weather conditions. North-South transects were flown throughout the fresh, intermediate, and brackish marshes of coastal Louisiana. Annually, a total of 155 transects (covering 2,354.7 miles) are surveyed for damage. The transects were spaced approximately 1.8 miles apart, starting at the swamp-marsh interface and continuing south to the beginning of the salt marsh. Due to low nutria population density, salt marsh habitat was not included in the survey and neither were swamp and other (developed areas and agricultural land) because nutria damage in these habitats cannot be reliably identified from the helicopter. Depending upon visibility and vegetative conditions, an altitude of 200-300 feet was considered optimum. At this altitude, vegetative damage was identifiable and allowed for a survey transect width of about 1/4 mile on each side of the helicopter. Flight speed was approximately 80 mph. Two observers were used to conduct the survey, each positioned on opposite sides of the helicopter. In addition to locating vegetative damage, one observer navigated along the transect line and the other observer recorded all pertinent data.



When vegetative damage was identified, the helicopter landed at the site and the following information was recorded:

- 1) Location of each site was determined by recording latitude and longitude utilizing GPS equipment. A real time differential corrected (WAAS Enabled) bluetooth GPS receiver synched with ArcMap (Garmin GLO 2) was utilized to allow for accurate location of damaged sites. The size of each damage site was determined by logging polygons on a field laptop using stream digitizing with the GPS equipment.

- 2) The abundance of nutria sign was placed in one of the following nutria relative abundance rating (NRAR) categories: **(0) no nutria sign visible, (1) nutria sign visible, (2) abundant feeding, or (3) heavy feeding.**
- 3) The extent of damage to the vegetation was placed in one of the following vegetative damage rating categories: **(0) no vegetative damage; (1) minor vegetative damage** which is defined as a site containing feeding holes, thinning vegetation and some visible soil; **(2) moderate vegetative damage** which is defined as a site that has large areas of exposed soil and covers less than 50% of the site; **(3) severe vegetative damage** which is defined as a site that has more than 50% of the soil exposed; or **(4) converted to open water.**
- 4) The dominant plant species were identified and recorded for damaged areas, recovering areas and in the adjacent areas.
- 5) The age of damage and condition is determined by considering feeding activity and vegetation condition. The age of damage and condition was placed in one of the following categories: **(0) recovered, (1) old recovering, (2) old not recovering, (3) recent recovering, (4) recent not recovering, or (5) current (occurring now).**
- 6) The prediction of vegetative recovery is made considering feeding activity, age of damage and the extent of damage. The prediction of vegetative recovery by the end of 2024 was characterized by one of the following categories: **no recovery (0), full recovery (1), partial recovery (2) or increased damage (3).**
- 7) The number of nutria observed at each site was recorded.

In addition to searching for new damaged sites, all previously identified damaged sites were revisited to assess extent and duration of damage or to characterize recovery. All data were entered into a computer for compilation. Damaged site locations are provided on the attached herbivory map and a data summary in Appendix B.

Results and Discussion

There were 22 total nutria damage sites surveyed during the 2025 vegetative damage survey. The damage sites surveyed included 21 sites from the 2024 survey plus one new site. This makes 22 the total number of sites to be checked in 2026 (Figure 8).

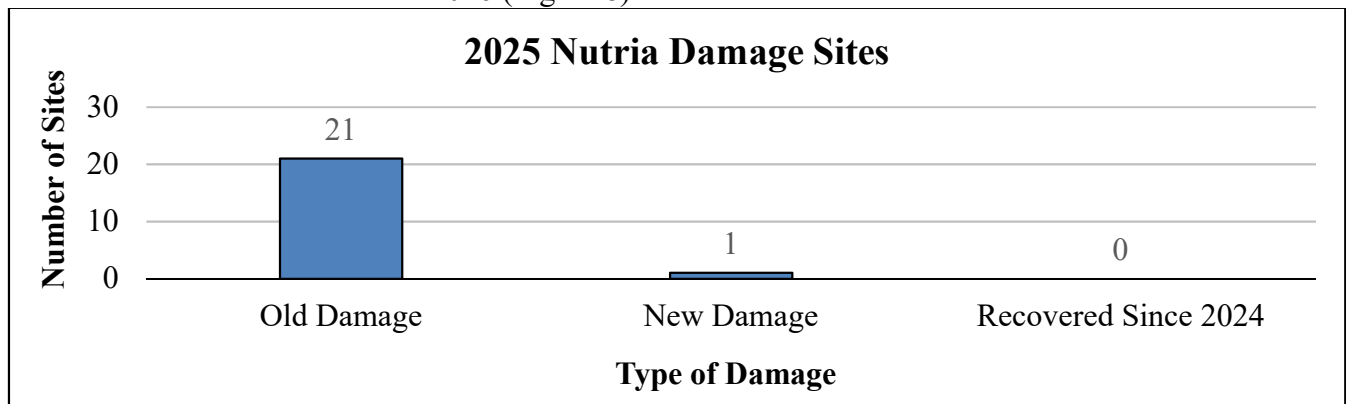


Figure 8. 2025 vegetation survey damage sites located along transect lines.

Nutria Damage

The following discussion details the 22 sites that had observable nutria damage during the 2025 survey (Appendix A). A total of 1,028 acres along transects, extrapolated to 3,854 acres coast wide were identified as impacted by nutria feeding activity. This represents approximately a 30% decrease in acres impacted by nutria since 2024 (1,479 acres, extrapolated 5,547 acres coast wide.) There were 5 damage sites documented during the 2025 survey that have since partially converted to open water with a total of 128.22 observed acres converted (Figure 12 and Tables 10A-10B). There were no recovered sites in 2025.

Damage by Parish

Three parishes were observed to have damage in 2025. Most of the observed damaged acres were in Terrebonne Parish (961ac; 19 sites), followed by St. Charles Parish (29.45ac; 1 site), St. Mary Parish (37.54ac; 2 sites; Figure 9).

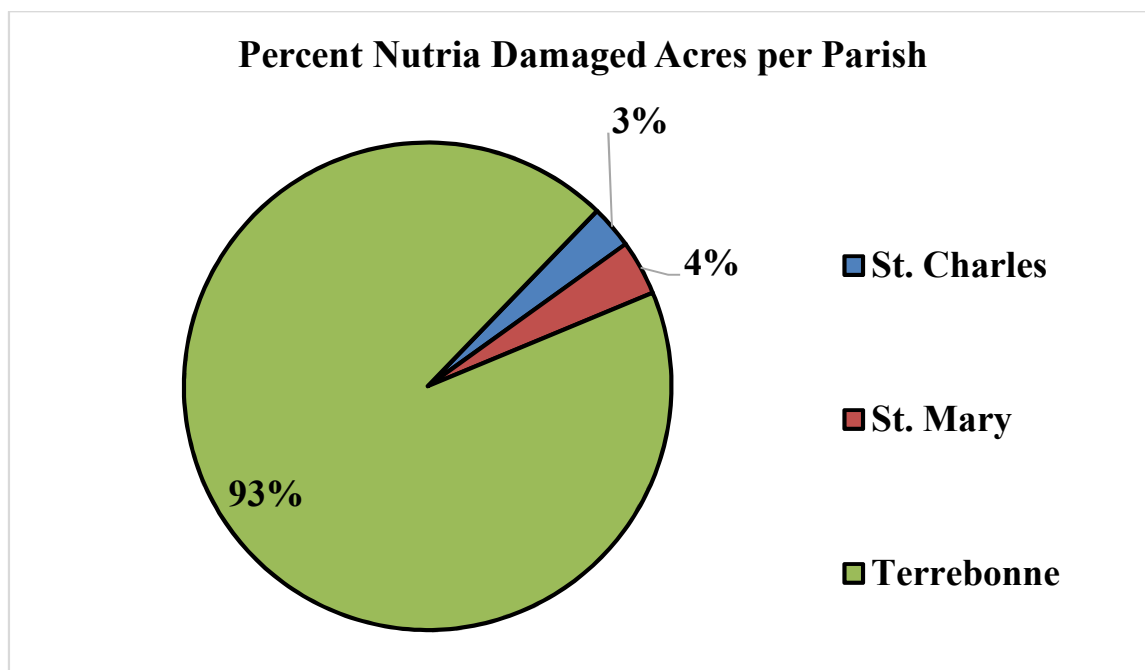


Figure 9. 2025 vegetation survey damaged acres by parish.

Damage by Marsh Type

Marsh type, based on Vegetation types as determined in coastal Louisiana in 2021 (Nyman, J.A., Reid, C.S., Sasser, C.E., Linscombe, J., Hartley, S.B., Couvillion, B.R., and Villani, R.K., 2022, Vegetation Types in Coastal Louisiana in 2021: US Geological Survey data release [2021 Data](#)), was recorded for each damage site (Figures 10A-10C).

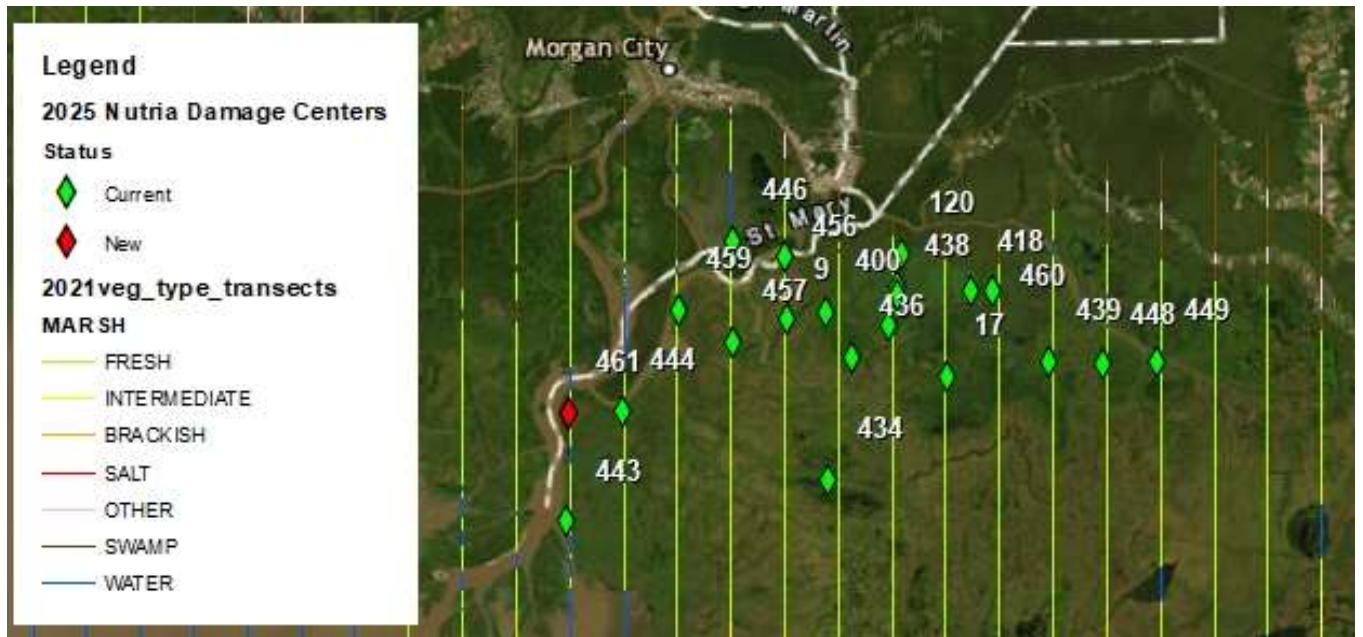


Figure 10 A. 2025 Vegetation survey damage centers. 1 new site in Terrebonne Parish.



Figure 10 B. 2025 Vegetation survey damage centers. 1 site in St. Charles Parish

Nutria Relative Abundance Rating

A nutria relative abundance rating (NRAR) was used to quantify the abundance of nutria at each site. Categories include: (0) no nutria sign visible, (1) nutria sign visible, (2) abundant feeding sign, and (3) heavy feeding sign; sites converted to open water are not given a NRAR (Figure 11.)

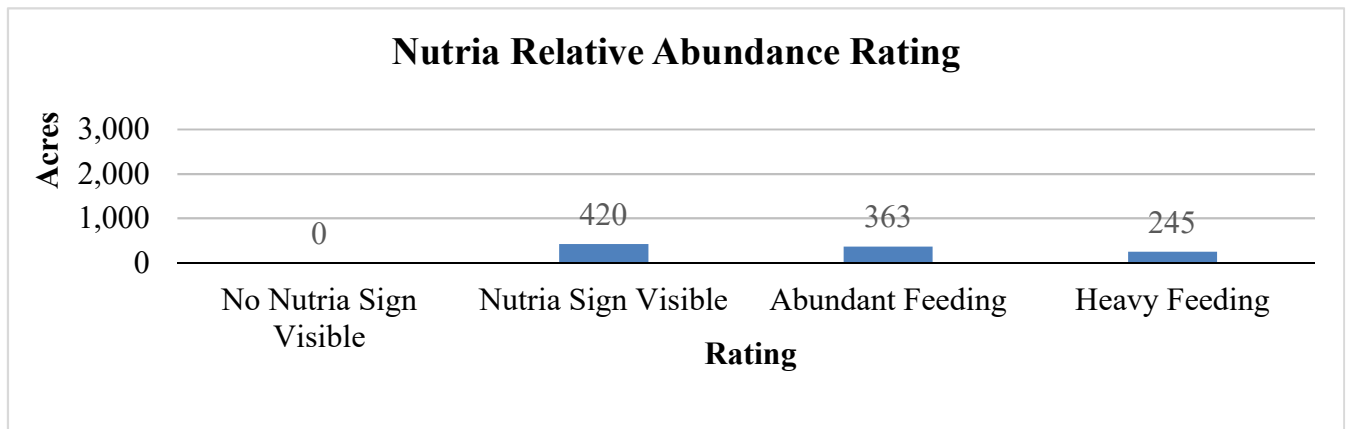


Figure 11. Nutria relative abundance ratings for 2025 nutria damaged sites.

Vegetative Damage Rating

Vegetative damage was also evaluated at each site. A rating system was developed to quantify nutria vegetative damage. The vegetative damage rating (VDR) has five categories: (0) no vegetative damage, (1) minor vegetative damage, (2) moderate vegetative damage, (3) severe vegetative damage, (4) converted to open water (Figure 12).

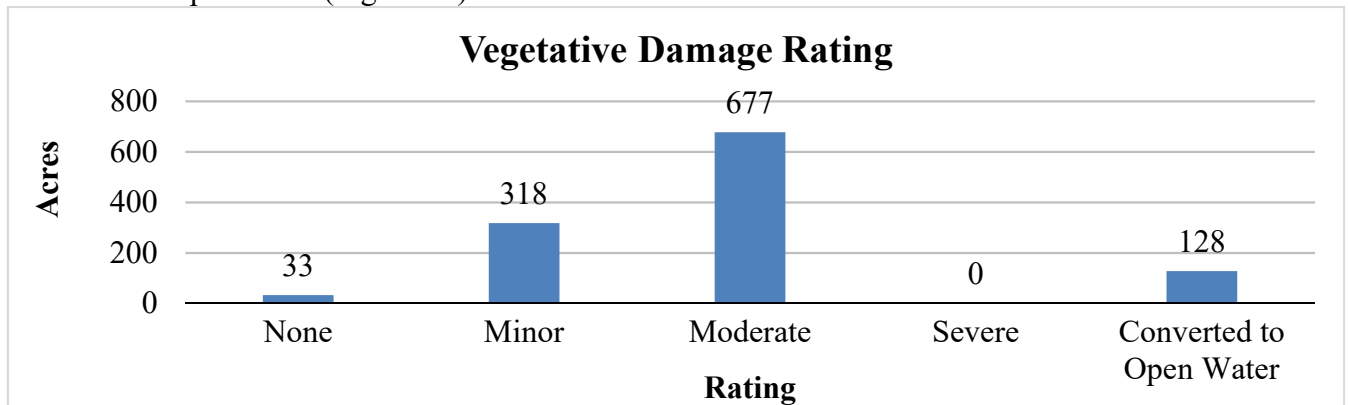


Figure 12. Vegetative damage ratings for 2025 nutria damaged sites includes acres from partial sites converted to open water.

Age of Damage Rating

Categories for the age of damage and condition rating include: (0) recovered, (1) old damage-recovering, (2) old damage not recovering, (3) recent damage-recovering, (4) recent damage-not recovering, and (5) current damage (Figure 13).

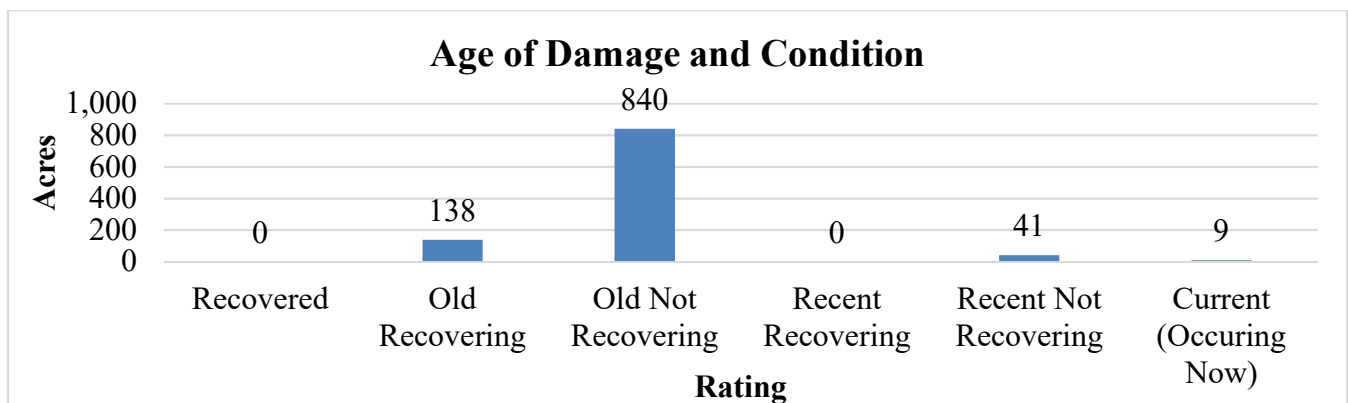


Figure 13. Age of damage and condition of 2025 nutria damaged sites.

Prediction of Recovery

For each site with current damage, the degree of recovery by the end of the 2025 growing season was predicted. These categories include: (1) full recovery, (2) partial recovery, (3) increased damage and (4) no recovery predicted (Figure 14).

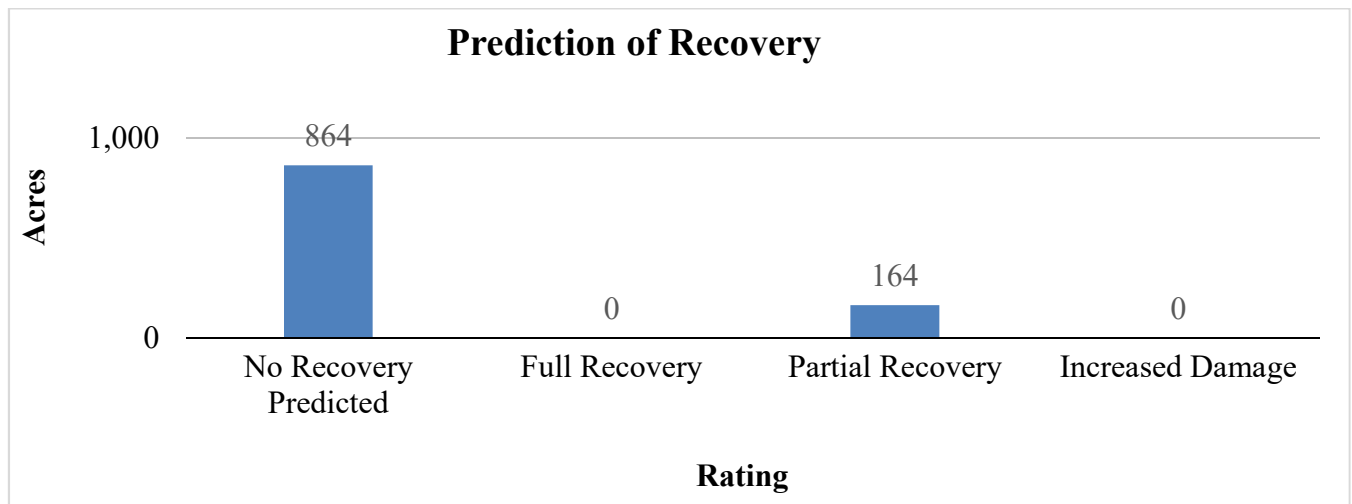


Figure 14. Prediction of recovery by the end of the growing season for the 2025 nutria damaged sites.

Conclusions

The number of active participants increased from 200 in 2022 to 258 in 2024. Participation dropped in 2025 with 225 active participants. Harvest and participation increased significantly in 2024 leading to a record year of harvest and only the second year that we managed to top 400,000. The drought conditions in the fall of 2023 was cited as the major contributor to the increase in harvest. Trappers reported that nutria avoided the areas of saltwater intrusion and congregated in the remaining areas of fresh water access along the banks. The dry weather and early freeze also reduced marsh vegetation making the nutria more visible to hunters. These conditions made harvesting in large numbers easier for participants than previous years. It was also reported that due to difficulties catching crabs in the early part of 2024, many commercial crab harvesters switched to nutria harvesting to increase profit. The historic drought conditions of 2023 did not repeat in fall 2024; however, salt water intrusion continued to be a problem reported by many participants during the 2024-2025 season. A snow event in January 2025 also contributed to conditions conducive to higher harvests later in the season. It should be noted that much of the 2024-2025 harvest was driven by the two top participants with their total harvest accounting for approximately 30% of the total harvest.

The 2025 vegetative damage survey yielded a total of 1,028 observed acres of nutria damage along transect lines. When extrapolated to the entire program area, an estimated 3,854 acres were impacted coast-wide at the time of the survey. When compared to the 2024 survey (1,479 acres, extrapolated to 5,547 acres coast-wide), there was a decrease in number of damaged acres (approximately a 31% decrease in the number of damaged acres). It's interesting to note that much of the harvest was reported to have occurred in Eastern Parishes (Plaquemines and St. Tammany) while most of the damage was observed in Terrebonne Parish.

Due to the distance between survey lines, all areas impacted by nutria herbivory could not be identified. Additionally, there were areas along survey lines where nutria activity was observed but marsh conditions did not warrant a damage classification (i.e., nutria present but no damage observed or

damaged areas <1ac are too small to record). Only the most obvious impacted areas were detected and recorded so the total impact of nutria is likely underestimated.

Section 3

Summary of Results (2002-2025) and Adaptive Management

In total, 7,082,479 nutria have been harvested from coastal Louisiana through 23 seasons of the CNCP. Throughout much of the CNCP, seasonal nutria tail collection, which is how we determine harvest, has ranged between 300,000 and 400,000. From the beginning of the CNCP through 2011, estimated coast-wide nutria damage declined nearly every year and then from 2011-2017, the damaged areas stabilized between 4,000 and 6,500 acres. Unfortunately, nutria harvest during the 2016-2017 and the 2017-2018 seasons was 216,059 and 170,471, respectively, which is substantially lower harvest than years prior. Subsequently, estimated coast-wide nutria damage increased from 5,866 acres in 2017 to 16,424 acres in 2018. Harvest during the 2018-2019 season was higher (223,155) than the previous 2 seasons, but still lower than the average annual harvest which is 305,127 tails (Figure 15). Although the total damaged acres decreased from 16,424 in 2018 to 14,652 in 2019, the number of damage sites increased from 21 to 25 and approximately 910 acres were converted to open water. For the 2019-2020 season, the incentive payment was increased from \$5.00 to \$6.00. The increased payment had the desired affect with harvest increasing to 245,865. For the 2020-2021 season, harvest increased to 312,118 which is close to the 20-year average annual harvest. This temporary increase in harvest is because of socioeconomic reasons resulting from the Covid-19 pandemic. The jump in harvest did not last into the 2021-2022 season and although harvest did increase for the 2022-2023 season, it did not surpass 300,000. 2024 saw a near record high harvest which likely resulted from prolonged drought conditions, socioeconomic impacts and people returning to the southeast post hurricanes. With an increase in the incentive payment to \$6.00, 2024 sets the record for the highest overall incentive payment. Nutria damage has declined overall, however, access to the areas with high nutria density remains difficult and the continued degradation of open coastal marsh area means more nutria will move into swamp habitat where damage from the air can be difficult to observe.

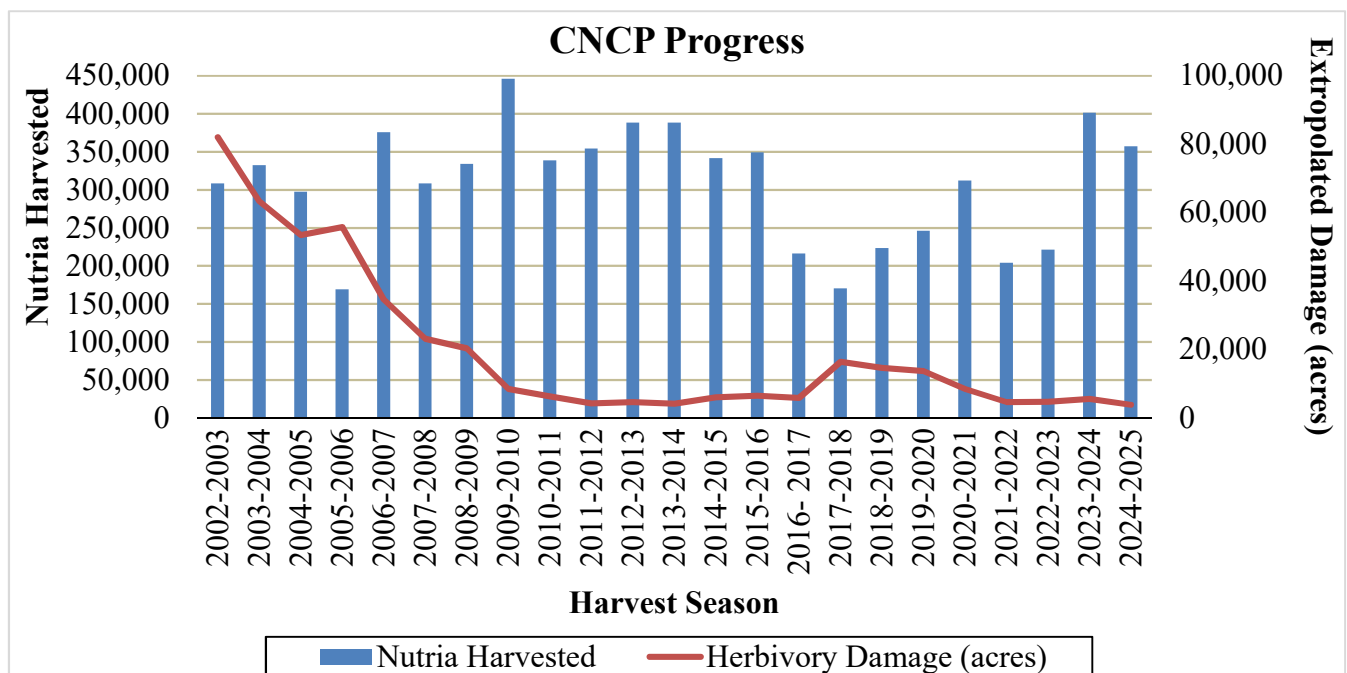


Figure 15. Nutria harvest and coast wide nutria herbivory damage. The low harvest during the 2005-2006 season is attributed to the coast wide disruptions caused by Hurricane Katrina in August 2005.

Prior to implementation of CNCP incentive payments, nutria harvest was below 30,000 per season and coast-wide nutria damage ranged between 79,000 and 98,000 acres (Table 2). Throughout 23 seasons of CNCP, nutria harvest has ranged from 168,843 to 445,963 (an average of 307,934) and coast-wide nutria damage decreased to a range of 4,181 to 8,475 acres for 2010-2017, and has ranged from 4,682 to 13,702 acres in the last three years (Table 3).

Harvest Season	Nutria Harvested	Year of Survey	Herbivory Damage (acres)
1999-2000	20,110	2000	97,271
2000-2001	29,544	2001	83,021
2001-2002	24,683	2002	79,444

Table 2. Nutria harvest and herbivory damage in years prior to CNCP.

Harvest Season	Nutria Harvested	Total Incentive Payments	Year of Survey	Herbivory Damage (acres)
2002-2003	308,160	\$1,232,640	2003	82,080
2003-2004	332,596	\$1,330,384	2004	63,398
2004-2005	297,535	\$1,190,140	2005	53,475
2005-2006	168,843	\$675,372	2006	55,755
2006-2007	375,683	\$1,878,415	2007	34,665
2007-2008	308,212	\$1,541,060	2008	23,141
2008-2009	334,038	\$1,670,190	2009	20,333
2009-2010	445,963	\$2,229,815	2010	8,475
2010-2011	338,512	\$1,692,560	2011	6,296
2011-2012	354,354	\$1,771,770	2012	4,233
2012-2013	388,160	\$1,940,800	2013	4,624
2013-2014	388,264	\$1,941,320	2014	4,181
2014-2015	341,708	\$1,708,540	2015	6,008
2015-2016	349,235	\$1,746,175	2016	6,496
2016- 2017	216,052	\$1,080,260	2017	5,866
2017-2018	170,471	\$852,355	2018	16,424
2018-2019	223,155	\$1,115,775	2019	14,652
2019-2020	245,865	\$1,541,190	2020	13,702
2020-2021	312,118	\$1,872,708	2021	8,436
2021-2022	203,824	\$1,222,944	2022	4,682
2022-2023	221,404	\$1,328,424	2023	4,737
2023-2024	401,312	\$2,407,872	2024	5,547
2024-2025	357,015	\$2,142,090	2025	3,854
Total	7,082,279	\$42,493,674		

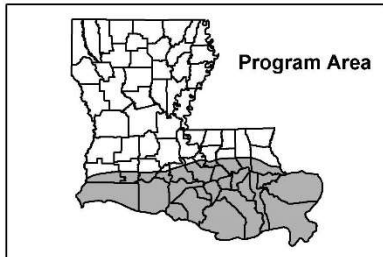
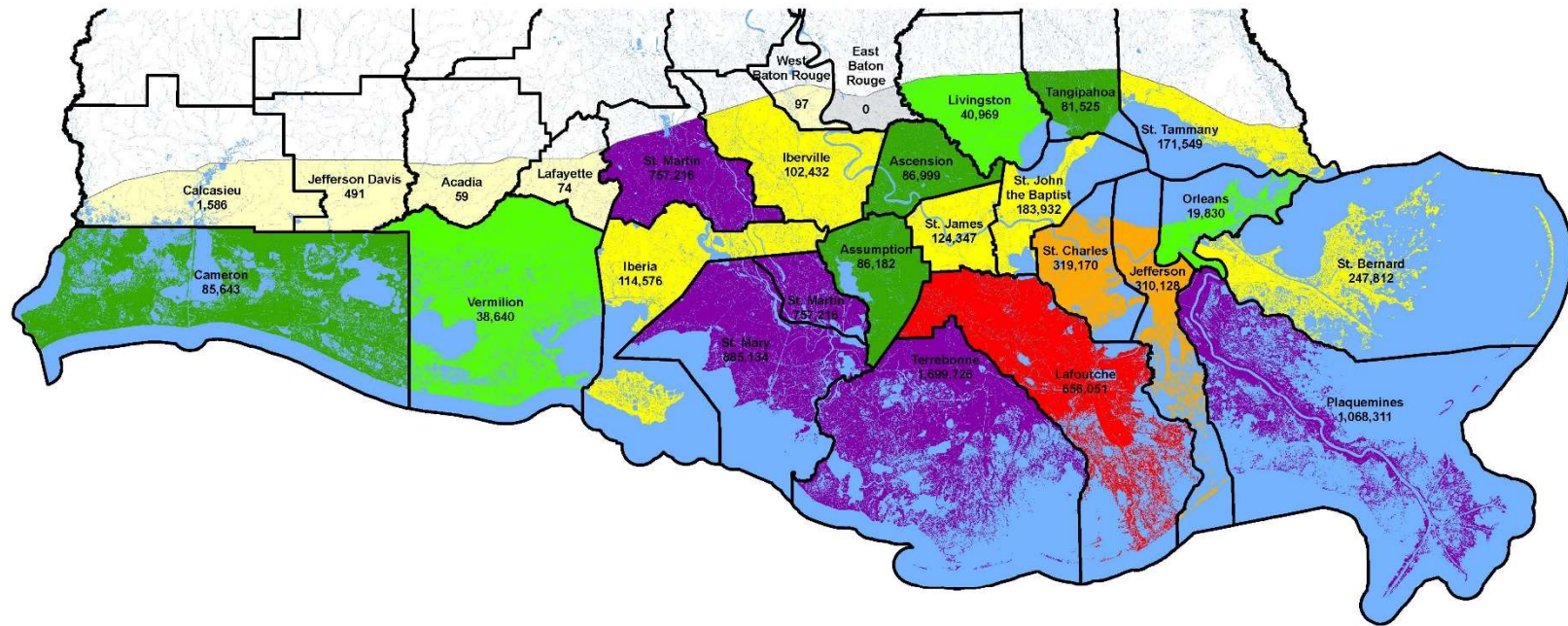
Table 3. Nutria harvest and herbivory throughout 23 seasons of the CNCP.

Adaptive Management

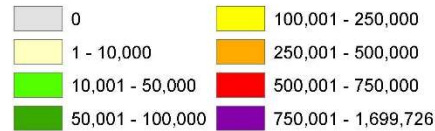
The low nutria harvest throughout the 2016-2017, 2017-2018, and 2018-2019 seasons resulted in increased nutria damage throughout coastal Louisiana. Responses to participant surveys mailed during the summers of 2017 and 2018 indicated that raising the amount of the incentive payment would increase participation and nutria harvest. The increased payment did help increase harvest, but it is not the only factor that influences harvest. Other factors such as overall hunter participation, weather, and degradation of marsh habitat that may result in less land to take nutria or decreased access for hunters are also factors in total harvest. These latter factors are more difficult to mitigate and will continue to present a challenge for CNCP managers.

Coastwide Nutria Control Program 2002-2025

Total Tails by Parish



Total Tails Harvested: 7,082,479



Source: Background image Louisiana GAP Analysis Project, USGS, Biological Research Division, NWRC, 1998.
Parish Boundaries of Louisiana from LDOTD source data, LOSCO 2004.

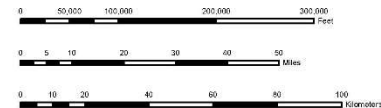
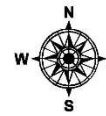


Figure 16. Total nutria harvest by Parish during 23 seasons of CNCP.

RNCP #: Transaction #: Date:

Participant Name: Number of tails accepted:

Transaction Information
 Number of tails rejected:
 Reason for rejection: (check all that apply)
☐ short ☐ spoiled
☐ other (specify)

Method of Tail Collection (Take): (check all that apply)
☐ Trapped %
 # of days trapped avg # of traps/day
☐ Shot, rifle %
☐ Shot, shotgun %
 # of days hunted # of hunters
 Retrieval Rate % Total Days

Month of Tail Collection:
☐ Nov % ☐ Feb %
☐ Dec % ☐ Mar %
☐ Jan % ☐ Apr %

Disposal of carcass: (check all that apply)
☐ Took whole carcass %
 Hide % Meat %
☐ Buried %
☐ Left in overhead vegetation %
☐ Left in waterway %
☐ Night Hunt %

Additional Notes: (optional)

Figure 17. Screenshot of the digital datasheet used by Coastal Environments Inc. during the tail collections.

Appendix A.
A Comparison of Seasons 1-23
(2002-2025)

PARISH	2002-2003		2003-2004		2004-2005		2005-2006		2006-2007		2007-2008	
	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage
Acadia	0	-	0	-	0	-	0	-	0	-	0	-
Ascension	2,710	0.88%	5,474	1.65%	1,855	0.62%	1,678	0.99%	2,226	0.59%	1,957	0.63%
Assumption	3,128	1.02%	814	0.24%	427	0.14%	2,307	1.37%	2,095	0.56%	3,863	1.25%
Calcasieu	143	0.05%	374	0.11%	447	0.15%	58	0.03%	19	0.01%	19	0.01%
Cameron	7,851	2.55%	8,701	2.62%	16,592	5.58%	3,744	2.22%	1,725	0.46%	649	0.21%
East Baton Rouge	0	-	0	-	0	-	0	-	0	-	0	-
Iberia	1,412	0.46%	1,960	0.59%	3,516	1.18%	3,014	1.79%	18,910	5.03%	6,119	1.99%
Iberville	0	-	1,567	0.47%	5,551	1.87%	2,360	1.40%	9,172	2.44%	2,105	0.68%
Jefferson	20,529	6.66%	24,896	7.49%	11,019	3.70%	2,875	1.70%	10,405	2.77%	11,299	3.67%
Jefferson Davis	121	0.04%	85	0.03%	175	0.06%	110	0.07%	0	-	0	-
Lafayette	39	0.01%	25	0.01%	10	0.00%	0	-	0	-	0	-
Lafourche	28,852	9.36%	51,736	15.56%	32,362	10.88%	24,668	14.61%	28,038	7.46%	25,473	8.26%
Livingston	2,631	0.85%	357	0.11%	910	0.31%	1,921	1.14%	1,250	0.33%	695	0.23%
Orleans	597	0.19%	0	-	537	0.18%	0	-	575	0.15%	1,333	0.43%
Plaquemines	63,208	20.51%	86,720	26.07%	38,984	13.10%	1,816	1.08%	5,815	1.55%	41,072	13.33%
St. Bernard	5,769	1.87%	13,344	4.01%	4,337	1.46%	0	-	291	0.08%	4,150	1.35%
St. Charles	11,169	3.62%	12,672	3.81%	15,843	5.32%	13,807	8.18%	18,690	4.97%	18,271	5.93%
St. James	95	0.03%	487	0.15%	2,837	0.95%	4,912	2.91%	7,111	1.89%	9,604	3.12%
St. John the Baptist	18,450	5.99%	6,137	1.85%	8,391	2.82%	6,384	3.78%	15,786	4.20%	6,728	2.18%
St. Martin	11,425	3.71%	15,039	4.52%	31,608	10.62%	15,903	9.42%	113,629	30.25%	54,726	17.76%
St. Mary	26,004	8.44%	16,277	4.89%	20,908	7.03%	21,023	12.45%	34,693	9.23%	34,210	11.10%
St. Tammany	4,638	1.51%	3,756	1.13%	5,167	1.74%	1,423	0.84%	2,067	0.55%	4,356	1.41%
Tangipahoa	1,245	0.40%	745	0.22%	564	0.19%	826	0.49%	1,843	0.49%	2,323	0.75%
Terrebonne	92,831	30.12%	72,846	21.90%	81,012	27.23%	57,756	34.21%	99,433	26.47%	78,934	25.61%
Vermilion	5,313	1.72%	8,584	2.58%	14,481	4.87%	2,258	1.34%	1,813	0.48%	326	0.11%
West Baton Rouge	0	-	0	-	0	-	0	-	97	0.03%	0	-
Total	308,160	1	332,596	1	297,535	1	168,843	1	375,683	1	308,212	1

Table 4. Nutria harvested by parish seasons 1-23, Coast-wide Nutria Control Program.

PARISH	2008-2009		2009-2010		2010-2011		2011-2012		2012-2013		2013-2014	
	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage
Acadia	0	-	0	-	0	-	0	-	59	0.02%	0	-
Ascension	7,029	2.10%	7,049	1.58%	3,435	1.01%	0	-	0	-	7,889	2.03%
Assumption	1,093	0.33%	2,930	0.66%	3,244	0.96%	3,582	1.01%	6,302	1.62%	7,904	2.04%
Calcasieu	0	-	0	-	0	-	0	-	0	-	0	-
Cameron	1,245	0.37%	1,177	0.26%	1,076	0.32%	413	0.12%	174	0.04%	1,446	0.37%
East Baton Rouge	0	-	0	-	0	-	0	-	0	-	0	-
Iberia	978	0.29%	1,206	0.27%	286	0.08%	1,384	0.39%	5,360	1.38%	12,157	3.13%
Iberville	231	0.07%	6,065	1.36%	886	0.26%	1,688	0.48%	3,062	0.79%	3,046	0.78%
Jefferson	12,515	3.75%	11,506	2.58%	5,945	1.76%	6,178	1.74%	16,152	4.16%	10,244	2.64%
Jefferson Davis	0	-	0	-	0	-	0	-	0	-	0	-
Lafayette	0	-	0	-	0	-	0	-	0	-	0	-
Lafourche	48,252	14.45%	39,564	8.87%	37,137	10.97%	37,415	10.56%	47,723	12.29%	42,061	10.83%
Livingston	444	0.13%	2,186	0.49%	738	0.22%	0	-	0	-	3,405	0.88%
Orleans	656	0.20%	1,756	0.39%	2,279	0.67%	1,238	0.35%	1,006	0.26%	929	0.24%
Plaquemines	42,212	12.64%	69,294	15.54%	80,241	23.70%	71,879	20.28%	22,171	5.71%	21,808	5.62%
St. Bernard	13,965	4.18%	3,543	0.79%	29,278	8.65%	27,053	7.63%	4,073	1.05%	5,201	1.34%
St. Charles	21,215	6.35%	27,221	6.10%	16,069	4.75%	10,830	3.06%	14,347	3.70%	14,164	3.65%
St. James	8,990	2.69%	19,226	4.31%	9,167	2.71%	15,450	4.36%	14,455	3.72%	5,443	1.40%
St. John the Baptist	10,189	3.05%	6,642	1.49%	9,447	2.79%	2,678	0.76%	6,832	1.76%	3,237	0.83%
St. Martin	44,972	13.46%	63,619	14.27%	23,551	6.96%	36,562	10.32%	40,356	10.40%	54,027	13.92%
St. Mary	34,811	10.42%	67,631	15.17%	43,533	12.86%	45,859	12.94%	64,386	16.59%	58,229	15.00%
St. Tammany	5,680	1.70%	8,855	1.99%	6,562	1.94%	6,417	1.81%	1,217	0.31%	1,485	0.38%
Tangipahoa	4,974	1.49%	267	0.06%	448	0.13%	141	0.04%	1,864	0.48%	4,637	1.19%
Terrebonne	74,587	22.33%	106,226	23.82%	65,190	19.26%	85,587	24.15%	138,305	35.63%	130,952	33.73%
Vermilion	0	-	0	-	0	-	0	-	316	0.08%	0	-
West Baton Rouge	0	-	0	-	0	-	0	-	0	-	0	-
Total	334,038	1	445,963	1	338,512	1	354,354	1	388,160	1	388,264	1

Table 4 (Continued). Nutria harvested by parish seasons 1-23, Coast-wide Nutria Control Program.

PARISH	2014-2015		2015-2016		2016-2017		2017-2018		2018-2019		2019-2020	
	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage
Acadia	0	-	0	-	0	-	0	-	0	-	0	-
Ascension	16,013	4.69%	4,693	1.34%	1,777	0.82%	1,353	0.79%	1,537	0.90%	2,245	0.91%
Assumption	7,603	2.22%	3,096	0.89%	2,372	1.10%	1,555	0.91%	1,886	1.11%	927	0.38%
Calcasieu	0	-	0	-	0	-	154	0.09%	0	-	0	0.00%
Cameron	2,848	0.83%	2,607	0.75%	2,534	1.17%	5,805	3.41%	13,835	8.12%	7,531	3.06%
East Baton Rouge	0	-	0	-	0	-	0	-	0	-	0	-
Iberia	7,296	2.14%	4,516	1.29%	2,514	1.16%	1,683	0.99%	2,469	1.45%	1,761	0.72%
Iberville	1,076	0.31%	2,930	0.84%	419	0.19%	2,379	1.40%	4,122	2.42%	6,350	2.58%
Jefferson	12,855	3.76%	12,239	3.50%	20,025	9.27%	11,060	6.49%	13,695	8.03%	8,277	3.37%
Jefferson Davis	0	-	0	-	0	-	0	-	0	-	0	-
Lafayette	0	-	0	-	0	-	0	-	0	-	0	-
Lafourche	29,190	8.54%	31,810	9.11%	18,249	8.45%	10,388	6.09%	19,458	11.41%	14,418	5.86%
Livingston	1,279	0.37%	0	0.00%	1,879	0.87%	1,538	0.90%	2,539	1.49%	4,281	1.74%
Orleans	485	0.14%	1,103	0.32%	1,077	0.50%	334	0.20%	163	0.10%	2,702	1.10%
Plaquemines	23,883	6.99%	46,672	13.36%	33,684	15.59%	29,474	17.29%	39,657	23.26%	62,380	25.37%
St. Bernard	5,410	1.58%	12,939	3.70%	11,094	5.13%	3,533	2.07%	3,729	2.19%	11,141	4.53%
St. Charles	16,355	4.79%	13,685	3.92%	11,602	5.37%	5,626	3.30%	7,350	4.31%	11,707	4.76%
St. James	769	0.23%	7,651	2.19%	3,005	1.39%	2,226	1.31%	2,600	1.52%	3,646	1.48%
St. John the Baptist	3,394	0.99%	18,412	5.27%	6,351	2.94%	6,416	3.76%	5,717	3.35%	12,334	5.02%
St. Martin	50,392	14.75%	50,202	14.37%	9,838	4.55%	14,746	8.65%	13,263	7.78%	9,991	4.06%
St. Mary	40,045	11.72%	28,585	8.19%	32,102	14.86%	26,869	15.76%	31,257	18.34%	27,963	11.37%
St. Tammany	1,481	0.43%	9,562	2.74%	5,244	2.43%	2,020	1.18%	2,331	1.37%	5,442	2.21%
Tangipahoa	6,758	1.98%	4,894	1.40%	2,998	1.39%	1,331	0.78%	3,387	1.99%	7,290	2.97%
Terrebonne	114,373	33.47%	93,301	26.72%	48,411	22.41%	40,581	23.81%	51,960	30.48%	45,208	18.39%
Vermilion	203	0.06%	341	0.10%	877	0.41%	1,400	0.82%	2,201	1.29%	271	0.11%
West Baton Rouge	0	-	0	-	0	-	0	-	0	-	0	-
Total	341,708	1	349,235	1	216,052	1	170,471	1	223,155	1	245,865	1

Table 4 (Continued). Nutria harvested by parish seasons 1-23, Coast-wide Nutria Control Program.

PARISH	2020-2021		2021-2022		2022-2023		2023-2024		2024-2025	
	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage	Nutria Harvested	Percentage
Acadia	0	-	0	-	0	-	0	-	-	-
Ascension	1,775	0.72%	747	0.37%	995	0.49%	2,319	1.14%	725	0.20%
Assumption	1,150	0.47%	4,605	2.26%	572	0.28%	5,974	2.93%	13,339	3.74%
Calcasieu	0	0.00%	114	0.06%	0	0.00%	257	0.13%	-	-
Cameron	2,249	0.91%	2,184	1.07%	121	0.06%	818	0.40%	293	0.08%
East Baton Rouge	0	-	0	-	0	-	13,205	-	-	-
Iberia	3,484	1.42%	5,982	2.93%	7,649	3.75%	12,075	5.92%	8,088	2.27%
Iberville	4,384	1.78%	13,244	6.50%	15,590	7.65%	22,899	11.23%	5,917	1.66%
Jefferson	26,137	10.63%	7,205	3.53%	13,439	6.59%	0	0.00%	18,832	5.27%
Jefferson Davis	0	-	0	-	0	-	0	-	-	-
Lafayette	0	-	0	-	0	-	16,815	-	-	-
Lafourche	22,059	8.97%	18,457	9.06%	12,152	5.96%	3,803	1.87%	20,059	5.62%
Livingston	4,406	1.79%	1,824	0.89%	2,048	1.00%	290	0.14%	1,561	0.44%
Orleans	1,771	0.72%	0	-	0	-	83,582	-	999	0.28%
Plaquemines	62,617	25.47%	19,071	9.36%	17,585	8.63%	43,448	21.32%	104,219	29.19%
St. Bernard	9,905	4.03%	1,923	0.94%	13,932	6.84%	15,358	7.53%	19,839	5.56%
St. Charles	11,747	4.78%	7,371	3.62%	12,331	6.05%	3,611	1.77%	11,717	3.28%
St. James	3,818	1.55%	1,177	0.58%	1,307	0.64%	11,484	5.63%	1,222	0.34%
St. John the Baptist	11,490	4.67%	7,798	3.83%	4,723	2.32%	27,931	13.70%	3,222	0.90%
St. Martin	14,882	6.05%	16,202	7.95%	26,816	13.16%	53,908	26.45%	17,972	5.03%
St. Mary	46,572	18.94%	44,085	21.63%	45,605	22.37%	25,974	12.74%	42,255	11.86%
St. Tammany	10,912	4.44%	4,905	2.41%	3,879	1.90%	7,612	3.73%	48,169	13.49%
Tangipahoa	12,010	4.88%	5,399	2.65%	6,040	2.96%	49,887	24.48%	3,926	1.10%
Terrebonne	60,750	24.71%	41,530	20.38%	36,622	17.97%	62	0.03%	33,939	9.51%
Vermilion	0	0.00%	0	-	0	-	0	-	622	0.17%
West Baton Rouge	0	-	0	-	0	-	0	-	-	-
Total	312,118	1	203,824	1	221,404	1	401,312	1	357,015	

Table 4 (Continued). Nutria harvested by parish seasons 1-23, Coast-wide Nutria Control Program.

PARISH	2002-2003			2003-2004			2004-2005			2005-2006		
	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun
Acadia	0	0	0	0	0	0	0	0	0	0	0	0
Ascension	0	2,306	404	0	4,093	1,381	100	1,678	80	470	908	300
Assumption	284	2,786	58	47	767	0	188	106	134	1,454	711	143
Calcasieu	0	143	0	0	374	0	213	24	212	57	1	0
Cameron	3,611	4,210	30	4,974	3,639	89	5,779	8,961	1,877	1,362	583	1,799
Iberia	0	1,353	59	636	1,324	0	1,286	1,310	926	1,215	449	1,350
Iberville	0	0	0	717	850	0	4,348	1,211	0	1,156	622	582
Jefferson	5,869	14,094	566	12,991	11,835	70	6,286	4,307	443	2,234	477	164
Jefferson Davis	121	0	0	82	0	0	158	16	0	109	1	0
Lafayette	19	10	10	0	25	0	0	10	0	0	0	0
Lafourche	11,807	16,826	219	28,516	22,780	440	12,221	18,212	1,977	9,213	11,050	4,598
Livingston	0	2,631	0	0	336	21	0	911	0	0	1,921	0
Orleans	287	219	91	0	0	0	538	0	0	0	0	0
Plaquemines	9,899	52,933	376	34,683	51,302	735	18,121	20,642	280	343	843	630
St. Bernard	2,877	2,892	0	5,412	7,783	149	727	3,617	0	0	0	0
St. Charles	2,099	8,706	364	2,801	9,543	329	1,279	13,958	631	1,863	10,915	1,029
St. James	48	47	0	97	350	40	32	2,752	57	278	4,239	395
St. John the Baptist	1,505	11,132	5,813	2,517	2,200	1,420	2,971	4,788	645	2,165	3,488	538
St. Martin	1,497	9,593	335	5,784	8,790	465	10,684	9,703	11,269	4,137	5,355	6,412
St. Mary	11,073	14,849	82	6,616	9,619	42	9,700	10,798	442	9,266	11,202	554
St. Tammany	3,088	1,529	21	2,687	1,069	0	2,692	2,483	0	533	800	90
Tangipahoa	335	894	16	577	169	0	35	530	0	142	638	46
Terrebonne	46,761	45,317	753	44,419	26,335	2,092	31,730	45,893	3,512	28,132	25,577	4,047
Vermilion	2,370	2,729	214	5,119	3,435	30	5,580	7,900	572	1,075	1,182	0
West Baton Rouge	0	0	0	0	0	0	0	0	0	0	0	0
Total	103,550	195,199	9,411	158,675	166,618	7,303	114,668	159,810	23,057	65,204	80,962	22,677

Table 5. Method of take by parish for seasons 1-23, Coast-wide Nutria Control Program. Totals may not be exact due to reporting of percentages.

PARISH	2006-2007			2007-2008			2008-2009			2009-2010		
	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun
Acadia	0	0	0	0	0	0	0	0	0	0	0	0
Ascension	0	2,008	218	0	1,905	52	217	6,751	61	338	6,712	0
Assumption	354	686	1,056	634	2,944	285	85	933	75	546	1,916	469
Calcasieu	19	0	0	19	0	0	0	0	0	0	0	0
Cameron	347	902	477	509	70	70	1,060	128	55	1,174	0	0
Iberia	6,695	4,635	7,580	3,623	1,248	1,247	258	524	196	932	274	0
Iberville	4,907	460	3,860	754	508	843	103	0	128	4,051	1,670	344
Jefferson	4,731	5,568	106	3,901	6,456	943	4,185	8,146	184	3,164	8,202	140
Jefferson Davis	0	0	0	0	0	0	0	0	0	0	0	0
Lafayette	0	0	0	0	0	0	0	0	0	0	0	0
Lafourche	12,260	11,460	4,259	9,701	11,425	4,345	32,373	13,324	2,555	21,796	16,310	1,458
Livingston	0	1,250	0	0	695	0	0	444	0	460	1,726	0
Orleans	575	0	0	1,333	0	0	656	0	0	1,658	71	27
Plaquemines	3,200	2,554	61	30,093	10,609	0	21,394	19,372	1,447	25,379	43,480	436
St. Bernard	146	146	0	4,071	79	370	9,790	4,131	43	3,177	240	126
St. Charles	6,637	9,401	2,652	3,607	13,366	1,298	6,111	14,036	1,068	7,712	18,593	916
St. James	203	6,439	469	425	9,128	51	597	7,862	531	572	17,805	849
St. John the Baptist	4,223	9,215	2,348	2,323	3,834	572	1,490	8,372	327	2,856	3,776	10
St. Martin	39,972	35,737	37,920	27,937	17,123	9,666	21,134	17,512	6,326	43,341	12,952	7,326
St. Mary	12,810	19,997	1,886	10,783	21,304	2,123	13,357	18,480	2,974	13,026	51,170	3,435
St. Tammany	1,452	529	86	1,736	2,216	404	3,377	1,848	456	2,604	4,945	1,307
Tangipahoa	542	1,189	113	563	1,760	0	321	4,530	124	0	267	0
Terrebonne	36,867	51,357	11,209	28,055	45,000	5,879	25,846	46,139	2,602	40,669	62,264	3,292
Vermilion	1,174	494	145	262	65	0	0	0	0	0	0	0
West Baton Rouge	0	97	0	0	0	0	0	0	0	0	0	0
Total	137,114	164,124	74,445	130,329	149,735	28,148	142,354	172,532	19,152	173,455	252,373	20,135

Table 5 (continued). Method of take by parish for seasons 1-23, Coast-wide Nutria Control Program. Totals may not be exact due to reporting of percentages.

PARISH	2010-2011			2011-2012			2012-2013			2013-2014		
	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun
Acadia	0	0	0	0	0	0	18	41	0	0	0	0
Ascension	0	3,107	0	0	0	0	0	0	0	368	7,482	39
Assumption	327	2,520	407	1,003	2,449	129	1,249	4,844	210	2,113	5,251	539
Calcasieu	315	0	0	0	0	0	0	0	0	0	0	0
Cameron	0	72	0	413	0	0	174	0	0	1,446	0	0
Iberia	1,103	46	89	222	1,163	0	1,602	2,862	896	5,579	5,906	671
Iberville	150	348	42	404	727	558	1,014	1,680	368	1,546	1,368	132
Jefferson	494	4,059	109	1,655	4,496	27	2,630	11,349	2,173	2,389	7,796	59
Jefferson Davis	1,872	0	0	0	0	0	0	0	0	0	0	0
Lafayette	0	0	0	0	0	0	0	0	0	0	0	0
Lafourche	0	23,326	43	9,573	27,574	267	11,260	33,137	3,326	9,924	31,266	870
Livingston	13,713	738	0	0	0	0	0	0	0	985	2,420	0
Orleans	0	115	0	1,202	36	0	1,006	0	0	929	0	0
Plaquemines	2,162	67,649	557	25,139	46,498	241	8,347	13,641	182	6,265	15,449	95
St. Bernard	12,021	11,489	12	16,226	10,826	0	1,214	1,276	1,584	3,228	1,974	0
St. Charles	17,764	10,155	671	2,425	8,240	165	2,473	9,748	2,125	3,806	9,587	771
St. James	5,225	9,016	115	0	15,417	33	157	13,199	1,099	32	5,410	0
St. John the Baptist	35	5,922	327	1,366	1,312	0	397	6,401	35	510	2,645	82
St. Martin	3,191	11,902	1,548	11,596	17,696	7,269	12,270	19,881	8,205	15,574	33,631	4,822
St. Mary	10,115	36,334	246	7,450	36,295	2,113	13,393	44,951	6,042	6,503	46,810	4,917
St. Tammany	6,928	2,947	899	4,817	1,123	477	579	588	50	1,312	174	0
Tangipahoa	2,711	398	0	0	142	0	0	1,205	659	2,211	2,426	0
Terrebonne	50	31,676	8,499	32,570	45,238	7,782	57,953	64,349	16,002	39,868	82,356	8,728
Vermilion	24,953	0	0	0	0	0	130	186	0	0	0	0
West Baton Rouge	0	0	0	0	0	0	0	0	0	0	0	0
Total	103,129	221,819	13,564	116,061	219,232	19,061	115,866	229,338	42,956	104,588	261,951	21,725

Table 5 (continued). Method of take by parish for seasons 1-23, Coast-wide Nutria Control Program. Totals may not be exact due to reporting of percentages.

PARISH	2014-2015			2015-2016			2016-2017			2017-2018		
	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun
Acadia	0	0	0	0	0	0	0	0	0	0	0	0
Ascension	551	15,259	202	257	4,226	209	159	1,505	112	184	947	221
Assumption	1,088	5,555	959	1,263	1,117	716	41	1,996	335	1,107	281	167
Calcasieu	0	0	0	0	0	0	0	0	0	118	0	36
Cameron	2,848	0	0	2,607	0	0	2,310	224	0	5,008	545	252
Iberia	3,464	3,148	684	1,321	2,854	341	60	1,394	1,060	427	656	599
Iberville	229	809	39	0	2,420	510	63	136	220	1,297	783	299
Jefferson	2,913	9,481	462	3,228	8,590	421	5,188	11,403	3,435	2,581	7,464	1,015
Jefferson Davis	0	0	0	0	0	0	0	0	0	0	0	0
Lafayette	0	0	0	0	0	0	0	0	0	0	0	0
Lafourche	7,737	21,453	0	7,820	23,783	207	6,352	11,177	720	4,115	6,145	128
Livingston	0	1,279	0	0	0	0	192	1,587	99	194	1,106	238
Orleans	485	0	0	1,045	58	0	1,077	0	0	283	50	0
Plaquemines	6,570	17,193	120	12,362	33,110	1,200	6,052	25,136	2,496	4,518	20,482	4,474
St. Bernard	4,346	1,064	0	7,828	4,995	116	7,028	3,892	175	1,825	1,580	128
St. Charles	3,592	12,659	104	2,682	9,047	1,956	4,772	6,205	626	774	3,844	1,008
St. James	133	635	0	790	6,059	802	264	2,550	191	303	1,563	361
St. John the Baptist	1,055	2,226	113	3,794	13,511	1,107	1,043	5,280	28	1,274	3,880	1,263
St. Martin	20,118	25,891	4,384	23,973	22,706	3,523	5,562	2,002	2,274	4,196	5,405	5,145
St. Mary	6,003	29,024	5,019	1,363	24,494	2,729	6,029	20,622	5,450	6,618	17,099	3,152
St. Tammany	1,282	69	131	726	8,229	607	1,142	1,092	3,010	1,092	928	0
Tangipahoa	28	6,731	0	23	4,870	0	784	2,185	29	238	955	138
Terrebonne	36,381	65,519	12,471	21,032	57,978	14,291	12,517	25,830	10,064	10,134	23,602	6,846
Vermilion	101	101	0	73	268	0	159	718	0	134	1,241	26
West Baton Rouge	0	0	0	0	0	0	0	0	0	0	0	0
Total	98,924	218,096	24,688	92,186	228,316	28,733	60,794	124,934	30,324	46,421	98,555	25,495

Table 5 (continued). Method of take by parish for seasons 1-23, Coast-wide Nutria Control Program. Totals may not be exact due to reporting of percentages.

PARISH	2018-2019			2019-2020			2020-2021			2021-2022		
	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun
Acadia	0	0	0	0	0	0	0	0	0	0	0	0
Ascension	274	1,234	29	638	1539	68	338	1116	321	258.7	321.26	166.71
Assumption	644	1,143	98	113	716	98	329	444	378	329.41	534.36	3741.53
Calcasieu	0	0	0	0	0	0	0	0	0	0	114	0
Cameron	13,314	521	0	6956	509	66	2249	0	0	2184	0	0
Iberia	518	1,187	765	334	1391	36	497	351	2636	1026.47	1870.32	3085.13
Iberville	1,077	2,545	501	693	5325	332	390	1768	2226	451.79	1966.93	10825.43
Jefferson	4,650	6,236	2,809	3574	4514	189	5311	16100	4726	1082.8	5870.8	251
Jefferson Davis	0	0	0	0	0	0	0	0	0	0	0	0
Lafayette	0	0	0	0	0	0	0	0	0	0	0	0
Lafourche	7,575	11,329	553	3504	10519	395	7006	12581	2472	990.95	15126.56	2339.9
Livingston	536	1,959	43	1088	3028	165	896	2526	984	485.92	972.58	365.16
Orleans	75	88	0	0	2702	0	0	1559	213	0	0	0
Plaquemines	4,846	24,351	10,460	1784	39530	21066	4779	40263	17575	833.95	10428.15	7808.8
St. Bernard	767	2,789	173	2909	7221	1012	494	9411	0	257.5	1408	257.5
St. Charles	2,283	4,972	95	3603	7867	238	3257	7538	953	2844.5	4470	56.5
St. James	454	2,112	33	1035	2500	111	482	2822	514	421.24	497.89	258.24
St. John the Baptist	1,486	4,231	0	1896	9191	1247	1217	7387	2886	1372.32	4914.18	1511.73
St. Martin	5,833	3,442	3,987	3060	5147	1784	1968	4695	8219	2483.98	3184.33	10534.09
St. Mary	6,345	20,505	4,406	5435	19437	3091	8076	30071	8426	9304.81	24075.04	10704.99
St. Tammany	1,059	1,187	85	116	2777	2549	1473	4046	5393	306	1261.04	3337.66
Tangipahoa	1,078	1,942	367	1497	5230	563	1579	7114	3317	958.83	3489.1	951.57
Terrebonne	6,777	30,073	15,110	9458	21974	13776	12186	31286	17278	7009.44	20391.26	14129.67
Vermilion	415	1,578	209	23	248	0	0	0	0	0	0	0
West Baton Rouge	0	0	0	0	0	0	0	0	0	0	0	0
Total	60,006	123,426	39,723	47,715	151,365	46,785	52,524	181,077	78,517	32,603	100,896	70,326

Table 5 (continued). Method of take by parish for seasons 1-23, Coast-wide Nutria Control Program. Totals may not be exact due to reporting of percentages.

PARISH	2022-2023			2023-2024			2024-2025		
	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun	Trap	Rifle	Shotgun
Acadia									
Ascension	206	680	110	439	1,516	363	87	465	174
Assumption	76	153	342	3,218	255	2,501	5,665	1,177	6,497
Calcasieu				2	252	4	2	252	4
Cameron	-	-	121	580	238	-	-	146	146
Iberia	414	755	6,480	1,660	5,289	6,255	183	5,352	2,553
Iberville	756	730	14,104	3,184	824	8,068	386	940	4,591
Jefferson	439	12,874	126	3,810	15,607	3,482	1,849	14,453	2,529
Jefferson Davis									
Lafayette									
Lafourche	3,325	8,695	131	4,529	10,443	1,843	3,684	15,049	1,325
Livingston	312	1,312	423	794	2,317	692	117	1,180	264
Orleans				11	162	118	-	999	-
Plaquemines	121	12,657	4,807	1,697	63,795	18,089	506	77,023	26,691
St. Bernard	1,666	5,242	7,024	312	23,392	19,744	-	5,965	13,874
St. Charles	5,026	3,981	3,324	6,760	6,934	1,664	5,757	5,500	460
St. James	196	936	175	663	2,424	524	146	783	293
St. John the Baptist	671	3,202	850	2,410	7,715	1,359	655	2,015	553
St. Martin	2,320	5,260	19,235	7,820	7,482	12,630	3,154	4,325	10,493
St. Mary	7,319	21,893	16,394	14,030	25,861	14,017	12,480	14,674	15,201
St. Tammany	677	1,904	1,298	4,333	17,566	4,075	7,960	14,324	25,885
Tangipahoa	135	3,442	2,463	859	5,439	1,315	39	3,614	273
Terrebonne	4,406	23,140	9,076	6,588	28,239	15,059	3,592	21,616	8,731
Vermilion				-	62	-	-	136	486
West Baton Rouge									
Total	28,063	106,857	86,483	28,063	106,857	86,483	46,261	189,987	121,024

Table 5 (continued). Method of take by parish for seasons 1-23, Coast-wide Nutria Control Program. Totals may not be exact due to reporting of percentages.

Year	Number of Sites Surveyed	Number of Sites with Current Damage	Number of Sites Converted to Open Water	Sites with Vegetative Recovery
2002	108 ¹	86	8	12
2003	100	81	3	16
2004	93	68	1	24
2005	78	47	2	29
2006	52	31	9	12
2007	34	23	3 (partial sites)	11 ²
2008	23	16	1 (partial site)	6
2009	24	19	1 (partial site)	5 ²
2010	20	11	0	9
2011	11	10	0	1
2012	12	11	0	1
2013	14	12	0	2
2014	13	11	0	2
2015	12	11	0	1
2016	10	10	4 (partial sites)	0
2017	17	16	5 (partial sites)	1
2018	25 ^{1,3}	21	6 (partial sites)	2
2019	25	25	11 (partial sites)	0
2020	25	23	7 (partial sites)	2
2021	25	23	6 (partial sites)	2
2022	23	22	2 (partial sites)	1
2023	24	21	2 (partial sites)	3
2024	22	21	1 (partial site)	1
2025	22	22	5 (partial sites)	0

Table 6. Status and number of nutria herbivory sites surveyed from 2002 to 2025.

¹ Two sites could not be evaluated due to high water.

² Total includes 1 site with partial recovery.

³ Two separate sites from previous season merged together to form single site

PARISH	2002		2003		2004		2005		2006	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Terrebonne	41	12,951	34	12,521	27	7,679	18	4,541	14	7,340
Lafourche	8	1,222	7	610	5	381	2	127	0	0
Jefferson	17	3,003	10	1,805	9	1,718	7	1,383	5	874
Plaquemines	10	882	13	2,540	7	2,494	7	1,850	7	1763
St. Charles	6	768	6	1,266	9	2,564	6	4,690	5	3249
Cameron	0	0	0	0	0	0	0	0	1	233
St. Bernard	6	921	5	918	5	1,035	4	882	4	1,004
St. John	0	0	1	20	2	111	2	240	2	241
Iberia	0	0	0	0	0	0	1	158	0	0
St. Tammany	4	752	2	360	0	0	0	0	0	0
Orleans	2	686	2	962	0	0	0	0	0	0
St. Mary	0	0	0	0	0	0	0	0	0	0
Vermilion	0	0	4	886	5	924	2	389	1	76
Jefferson Davis	0	0	0	0	0	0	0	0	1	88
St. John the Baptist	0	0	0	0	0	0	0	0	0	0
Total	94	21,185	84	21,888	69	16,906	49	14,260	40	14,868¹

Table 7. Number of nutria damaged sites and acres damaged along transects by parish in coastal Louisiana, 2002 - 2025.

¹This figure represents acres damaged along transects only. Actual damage coast wide is approximately 3.75 times larger than the area estimated by this survey.

²This figure includes 2,553 acres of marsh previously impacted by nutria that was likely converted to open water in Plaquemines and St. Bernard Parishes due to tidal scour from Hurricane Katrina.

³These figures include acres from sites that were partially converted to open water.

PARISH	2007		2008		2009		2010		2011	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Terrebonne	12	5,915	12	3,768	10	3,162	10	2,241	9	1,591
Lafourche	2	328	2	338	2	207	1	19	1	88
Jefferson	3	177 ²	2	69	1	29	0	0	0	0
Plaquemines	0	0	1	11	1	9	0	0	0	0
St. Charles	4	2,216 ²	5	2,215 ²	4	1,895	0	0	0	0
Cameron	1	167	0	0	1	120	0	0	0	0
St. Bernard	1	225 ²	0	0	0	0	0	0	0	0
St. John	0	0	0	0	0	0	0	0	0	0
Iberia	0	0	0	0	0	0	0	0	0	0
St. Tammany	0	0	0	0	0	0	0	0	0	0
Orleans	0	0	0	0	0	0	0	0	0	0
St. Mary	0	0	0	0	0	0	0	0	0	0
Vermilion	0	0	0	0	0	0	0	0	0	0
Jefferson Davis	1	81	0	0	0	0	0	0	0	0
St. John the Baptist	1	135	1	70	0	0	0	0	0	0
Total	25	9,244²	23	6,471²	19	5,422	11	2,260	10	1,679

Table 7 (Continued).

Number of nutria damaged sites and acres damaged along transects by parish in coastal Louisiana, 2002 - 2025.

¹This figure represents acres damaged along transects only. Actual damage coast wide is approximately 3.75 times larger than the area estimated by this survey.

²This figure includes 2,553 acres of marsh previously impacted by nutria that was likely converted to open water in Plaquemines and St. Bernard Parishes due to tidal scour from Hurricane Katrina.

³These figures include acres from sites that were partially converted to open water.

PARISH	2012		2013		2014		2015		2016	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Terrebonne	10	1033	10	1212	9	1078	10	1586	10	1716
Lafourche	1	96	0	0	0	0	0	0	0	0
Jefferson	0	0	0	0	0	0	0	0	0	0
Plaquemines	0	0	0	0	0	0	0	0	0	0
St. Charles	0	0	0	0	0	0	0	0	0	0
Cameron	0	0	0	0	0	0	0	0	0	0
St. Bernard	0	0	0	0	0	0	0	0	0	0
St. John	0	0	0	0	0	0	0	0	0	0
Iberia	0	0	0	0	0	0	0	0	0	0
St. Tammany	0	0	0	0	0	0	0	0	0	0
Orleans	0	0	0	0	0	0	0	0	0	0
St. Mary	0	0	2	21	2	37	1	16	1	16
Vermilion	0	0	0	0	0	0	0	0	0	0
Jefferson Davis	0	0	0	0	0	0	0	0	0	0
St. John the Baptist	0	0	0	0	0	0	0	0	0	0
Total	11	1,129	12	1,233	11	1,115	11	1,602	11	1,732²

Table 7 (Continued).

Number of nutria damaged sites and acres damaged along transects by parish in coastal Louisiana, 2002 - 2025.

¹This figure represents acres damaged along transects only. Actual damage coast wide is approximately 3.75 times larger than the area estimated by this survey.

²This figure includes 2,553 acres of marsh previously impacted by nutria that was likely converted to open water in Plaquemines and St. Bernard Parishes due to tidal scour from Hurricane Katrina.

³These figures include acres from sites that were partially converted to open water.

PARISH	2017		2018		2019		2020		2021		2022	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Terrebonne	13	1,283	17	3,578	18	3,319	19	3,456	19	1,971	17	1,052
Lafourche	0	0	0	0	0	0	0	0	0	0	0	0
Jefferson	1	174	0	0	0	0	0	0	0	0	0	0
Plaquemines	0	0	0	0	0	0	0	0	0	0	0	0
St. Charles	1	72	1	504	1	93	1	49	1	81	1	63
Cameron	1	35	2	74	2	117	1	39	1	36	1	50
St. Bernard	0	0	0	0	0	0	0	0	0	0	0	0
St. John	0	0	0	0	0	0	0	0	0	0	0	0
Iberia	0	0	0	0	0	0	0	0	0	0	0	0
St. Tammany	0	0	0	0	0	0	0	0	0	0	0	0
Orleans	0	0	0	0	0	0	0	0	0	0	0	0
St. Mary	0	0	1	224	4	378	2	110	4	162	4	0
Vermilion	0	0	0	0	0	0	0	0	0	0	0	0
Jefferson Davis	0	0	0	0	0	0	0	0	0	0	0	0
St. John the Baptist	0	0	0	0	0	0	0	0	0	0	0	0
Total	16	1,564²	21	4,380²	25	3,907	23	3,654	25	2,250	23	1,248

Table 7 (Continued).

Number of nutria damaged sites and acres damaged along transects by parish in coastal Louisiana, 2002 - 2025.

¹This figure represents acres damaged along transects only. Actual damage coast wide is approximately 3.75 times larger than the area estimated by this survey.

²This figure includes 2,553 acres of marsh previously impacted by nutria that was likely converted to open water in Plaquemines and St. Bernard Parishes due to tidal scour from Hurricane Katrina.

³These figures include acres from sites that were partially converted to open water.

PARISH	2023		2024		2025	
	NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES
Terrebonne	18	1,052	18	1,387	19	962
Lafourche	0	0	0	0	0	0
Jefferson	0	0	0	0	0	0
Plaquemines	0	0	0	0	0	0
St. Charles	1	63	1	46	1	29
Cameron	0	50	0	0	0	0
St. Bernard	0	0	0	0	0	0
St. John	0	0	0	0	0	0
Iberia	0	0	0	0	0	0
St. Tammany	0	0	0	0	0	0
Orleans	0	0	0	0	0	0
St. Mary	3	0	2	46	2	38
Vermilion	1	0	0	0	0	0
Jefferson Davis	0	0	0	0	0	0
St. John the Baptist	0	0	0	0	0	0
Total	23	1,248	21	1,479	22	1,028

Table 7 (Continued).

Number of nutria damaged sites and acres damaged along transects by parish in coastal Louisiana, 2002 - 2025.

¹This figure represents acres damaged along transects only. Actual damage coast wide is approximately 3.75 times larger than the area estimated by this survey.

²This figure includes 2,553 acres of marsh previously impacted by nutria that was likely converted to open water in Plaquemines and St. Bernard Parishes due to tidal scour from Hurricane Katrina.

³These figures include acres from sites that were partially converted to open water.

MARSH TYPE	2002		2003		2004		2005		2006		2007	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Fresh	41	11,593	36	10,871	37	10,565	26	9,811	23	11,273	21	8,842
Intermediate	39	7,416	31	8,086	25	5,128	19	3,789	16	3,421	3	298
Brackish	14	2,176	17	2,931	7	1,213	4	660	1	174	1	104
Total	94	21,185	84	21,888	69	16,906	49	14,260	40	14,868	251	9,244¹

Table 8. Number of nutria damaged sites and acres damaged, by marsh type along transects in coastal Louisiana during 2002 to 2025; numbers include sites converted to open water.

¹ Total includes sites that were partially converted to open water.

MARSH TYPE	2008		2009		2010		2011		2012		2013	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Fresh	21	6,127	17	5,384	11	2,260	10	1,679	11	1,129	12	1,233
Intermediate	2	44	2	38	0	0	0	0	0	0	0	0
Brackish	0	0	0	0	0	0	0	0	0	0	0	0
Total	23	6,471¹	19	5,422	11	2,260	10	1,679	11	1,129	12	1,233

Table 8 continued.

MARSH TYPE	2014		2015		2016		2017		2018		2019	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	SITES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Fresh	11	1,115	11	1,602	11	1,716	15	1,390	21	4,380	25	3,907
Intermediate	0	0	0	0	0	0	0	0	0	0	0	0
Brackish	0	0	0	0	0	0	1	174	0	0	0	0
Total	11	1,115	11	1,602	11	1,716	16	1,564	21	4,380	25	3,907

Table 8 continued.

MARSH TYPE	2020		2021		2022		2023		2024		2025	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Fresh	23	3,654	23	2,250	22	1,248	20	1,157	21	1,479	22	1,028
Intermediate	0	0	0	0	0	0	1	106	0	106	0	0
Brackish	0	0	0	0	0	0	0	0	0	0	0	0
Total	23	3,654	23	2,250	22	1,248	21	1,263	21	1,479	21	1,028

Table 8 continued. Number of nutria damaged sites and acres damaged, by marsh type along transects in coastal Louisiana during 2002 to 2025; numbers include sites converted to open water.

¹ Total includes sites that were partially converted to open water.

NUTRIA RELATIVE ABUNDANCE RATING	2002		2003		2004		2005		2006		2007	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
No nutria sign visible	21	5,990	23	5,972	13	3,569	12	2,992	4	519	2	73
Nutria sign visible	31	4,379	26	3,562	29	6,040	28	6,748	26	11,223	12	3,402
Abundant feeding	17	4,198	19	6,682	19	5,251	4	4,113	1	573	5	1,495
Heavy feeding	17	5,568	14	5,599	7	2,026	1	273	0	0	4	3,658
Total	86	20,135	81	21,815	69	16,886	47	14,126	31	12,315	23	8,628

Table 9. Number of nutria damage sites and acres damaged by revised nutria relative abundance rating in coastal Louisiana during 2002 to 2025; numbers do not include sites converted to open water.

NUTRIA RELATIVE ABUNDANCE RATING	2008		2009		2010		2011		2012		2013	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
No nutria sign visible	0	0	0	0	0	0	0	0	0	0	0	0
Nutria sign visible	13	2,234	6	517	0	0	1	139	3	117	6	198
Abundant feeding	8	3,522	8	1,169	7	640	9	1,540	8	1,012	6	1,035
Heavy feeding	2	415	5	3,736	4	1,620	0	0	0	0	0	0
Total	23	6,171	19	5,422	11	2,260	10	1,679	11	1,129	12	1,233

Table 9 continued.

NUTRIA RELATIVE ABUNDANCE RATING	2014		2015		2016		2017		2018		2019	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	SITES	SITES	ACRES	SITES	ACRES	SITES	ACRES
No nutria sign visible	0	0	0	0	0	0	0	0	0	0	0	0
Nutria sign visible	2	22	3	59	7	581	14	1,136	13	2,084	19	2,149
Abundant feeding	9	1,093	7	741	6	1,077	3	429	7	2,134	6	1,758
Heavy feeding	0	0	1	802	1	74	0	0	1	161	0	0
Total	11	1,115	11	1,602	3193	1,732	3193	1,564	21	4,380	25	3,907

Table 9 continued.

NUTRIA RELATIVE ABUNDANCE RATING	2020		2021		2022		2023		2024		2025	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
No nutria sign visible	0	0	0	0	0	0	0	0	0	0	0	0
Nutria sign visible	21	2,659	20	1,526	23	1,248	20	1,254	21	1,479	17	420
Abundant feeding	2	995	3	724	0	0	1	9	0	0	4	363
Heavy feeding	0	0	0	0	0	0	0	0	0	0	1	245
Total	23	3,654	23	2,250	23	1,248	21	1,248	21	1,479	22	1,028

Table 9 continued. Number of nutria damage sites and acres damaged by revised nutria relative abundance rating in coastal Louisiana during 2002 to 2025; numbers do not include sites converted to open water.

VEGETATIVE DAMAGE RATING	2002		2003		2004		2005		2006		2007	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
No vegetative damage	1	30	0	0	0	0	0	0	0	0	0	0
Minor vegetative damage	28	3,498	26	8,732	35	6,675	34	8,070	21	7,621	17	4,021
Moderate vegetative damage	44	13,156	41	9,221	29	9,536	12	5,905	9	4,581	6	4,607
Severe vegetative damage	13	3,451	14	3,862	4	675	1	151	1	113	0	0
Converted to open water	8	1,050	3	73	1	20	2	134	9	2,553	3 ¹	616 ¹
TOTAL	94	21,185	84	21,888	69	16,906	49	14,260	40	14,868	26¹	9,244¹

Table 10. Number of nutria damage sites and number of acres by the vegetative damage rating in coastal Louisiana 2002 to 2025.

¹ Total includes sites that were partially converted to open water.

VEGETATIVE DAMAGE RATING	2008		2009		2010		2011		2012		2013	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
No vegetative damage	0	0	0	0	0	0	0	0	0	0	0	0
Minor vegetative damage	17	5,402	15	5,102	11	2,260	10	1,679	11	1,129	7	285
Moderate vegetative damage	5	640	4	320	0	0	0	0	0	0	3	726
Severe vegetative damage	1	129	0	0	0	0	0	0	0	0	2	222
Converted to open water	1 ¹	300 ¹	1 ¹	90	0	0	0	0	0	0	0	0
TOTAL	24¹	6,471¹	20¹	5,512	11	2,260	10	1,679	11	1,129	12	1,233

Table 10 continued.

VEGETATIVE DAMAGE RATING	2014		2015		2016		2017		2018		2019	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
No vegetative damage	0	0	0	0	0	0	0	16	0	0	0	0
Minor vegetative damage	8	898	9	772	2	39.93	10 ¹	850 ¹	12 ¹	1,832 ¹	12 ¹	834 ¹
Moderate vegetative damage	3	217	2	830	6 ¹	558 ¹	5 ¹	540 ¹	11 ¹	1,472 ¹	9 ¹	1,701 ¹
Severe vegetative damage	0	0	0	0	3	1134	1	174	2 ¹	208 ¹	9 ¹	1,379 ¹
Converted to open water	0	0	0	0	4 ¹	125 ¹	5 ¹	76 ¹	6 ¹	867 ¹	11 ¹	910 ¹
TOTAL	11	1,115	11	1,602	15¹	1,857¹	16¹	1,656¹	31¹	4,380¹	41¹	4,824¹

Table 10 continued.

VEGETATIVE DAMAGE RATING	2020		2021		2022		2023		2024		2025	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
No vegetative damage	2	168	2	162	1	22	3	102	1	0	2	33
Minor vegetative damage	12	1474	5	295	5	193	3	98	8	243	13	318
Moderate vegetative damage	8	1122	12	1221	16	963	18	1165	13	1236	4	677
Severe vegetative damage	2	995	5	649	1	93	0	0	0	0	0	0
Converted to open water	1	260	1	85	2	77	2	49	0	0	0	0
TOTAL	25	4,019²	25	2,412²	25	1,348²	24	1,414²	22	1,479	22	1,028

Table 10 continued. Number of nutria damage sites and number of acres by the vegetative damage rating in coastal Louisiana 2002 to 2025.

² Total includes sites that were partially converted to open water and recovered acres.

AGE OF DAMAGE AND CONDITON RATING	2002		2003		2004		2005		2006		2007	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Recovered	12	1,119	16	1,674	24	6,049	29	4,169	13 ¹	1,341 ¹	11 ¹	1,783 ¹
Old Recovering	51	7,694	51	14,382	53	12,338	39	10,878	21	9,429	14	5,011
Old Not Recovering	31	11,449	17	5,375	5	2,898	2	656	4	1,519	5	2,874
Recent Recovering	0	0	0	0	1	35	1	10	0	0	0	0
Recent Not Recovering	0	0	0	0	0	0	0	0	1	285	0	0
Current Damage	4	992	13	2,058	9	1,615	5	2,582	5	1,082	4	743
Total	98	21,254	97	23,489	92	22,935	76	18,295	44¹	13,656¹	34¹	10,411¹

Table 11. Number of nutria damage sites by age of damage and condition rating in coastal Louisiana in 2002 to 2025.

¹ Total includes sites that were partially recovered.

AGE OF DAMAGE AND CONDITON RATING	2008		2009		2010		2011		2012		2013	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Recovered	6	736	5 ¹	673 ¹	9	1,914	1	62	1	36	2	96
Old Recovering	15	3,852	16	5,321	10	2,198	5	1,270	8	1,033	1	29
Old Not Recovering	3	1,914	2	57	0	0	4	224	1	53	8	1,168
Recent Recovering	0	0	0	0	0	0	0	0	0	0	0	0
Recent Not Recovering	0	0	0	0	0	0	0	0	0	0	0	0
Current Damage	5	405	1	44	1	62	1	185	2	43	3	36
Total	29	6,907	23¹	6,095¹	20	4,174	11	1,741	12¹	1,165¹	14¹	1,329¹

Table 11 continued.

AGE OF DAMAGE AND CONDITON RATING	2014		2015		2016		2017		2018		2019	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Recovered	2	34	1	23	0	0	1	16	0	0	0	0
Old Recovering	7	259	3	60	3	109	4	307	2	87	1	93
Old Not Recovering	3	833	7	1,481	8	1,624	6	481	7	1,687	9	2,068
Recent Recovering	0	0	0	0	0	0	1	35	0	0	1	79
Recent Not Recovering	0	0	0	0	0	0	0	0	0	0	4	715
Current Damage	1	23	1	61	0	0	5	740	12	2,606	9	952
Total	13¹	1,149¹	12¹	1,625¹	11¹	1,732¹	17¹	1,580¹	21¹	4,380¹	25¹	3,907¹

Table 11 continued.

AGE OF DAMAGE AND CONDITON RATING	2020		2021		2022		2023		2024		2025	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITE S	ACRES	SITES	ACRE S	SITES	ACRES	SITES	ACRES	SITES	ACRES
Recovered	2	168	0	23	1	22	3	102	0	0	0	0
Old Recovering	3	117	3	139	3	114	2	84	1	12	6	138
Old Not Recovering	12	2335	19	1995	18	1054	17	1067	18	1418	12	840
Recent Recovering	2	111	0	0	1	0	0	0	1	0	0	0
Recent Not Recovering	4	338	0	0	1	44	1	9	1	14	3	41
Current Damage	2	753	2	115	1	37	1	106	1	35	1	9
Total	25	3,822¹	25	2,272¹	23	1,271¹	24	1,368¹	22	1,479	22	1028

Table 11 continued. Number of nutria damage sites by age of damage and condition rating in coastal Louisiana in 2002 to 2025.

¹ Total includes sites that were partially recovered.

PREDICTION OF RECOVERY BY END OF GROWING SEASON	2002		2003		2004		2005		2006		2007	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Full Recovery	7	919	8	4,238	10	338	6	443	4	828	2	350
Partial Recovery	59	13,950	64	14,497	50	13,440	36	10,073	27	11,487	21	8,278
Increased Damage	5	1,086	6	1,646	6	2,811	5	3,610	0	0	0	0
No Recovery Predicated	15	4,180	3	1,434	2	297	0	0	0	0	0	0
TOTAL	94	21,185	84	21,888	69	16,906	49	14,260	31	12,315	23	8,628

Table 12. Number of nutria damage sites and acres damaged, by prediction of recovery rating in coastal Louisiana in 2002 to 2025.

PREDICTION OF RECOVERY BY END OF GROWING SEASON	2008		2009		2010		2011		2012		2013	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Full Recovery	1	80	2	1,588	2	84	0	0	0	0	0	0
Partial Recovery	22	6,091	16	3,543	9	2,176	10	1,679	11	1,129	3	665
Increased Damage	0	0	1	291	0	0	0	0	0	0	9	568
No Recovery Predicated	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	23	6,171	19	5,422	11	2,260	10	1,679	11	1,129	12	1,233

Table 12 continued.

PREDICTION OF RECOVERY BY END OF GROWING SEASON	2014		2015		2016		2017		2018		2019	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Full Recovery	0	0	1	16	7	1,550	3	107	1	35	0	0
Partial Recovery	2	22	3	61	0	0	1	122	6	506	7	711
Increased Damage	9	1,093	7	1,525	3	109	1	159	5	1,305	2	279
No Recovery Predicated	0	0	0	0	1	74	12	1,176	9	2,533	16	2,917
TOTAL	11	1,115	11	1,602	11	1,732	17	1,564	21	4,379	25	3,907

Table 12 continued.

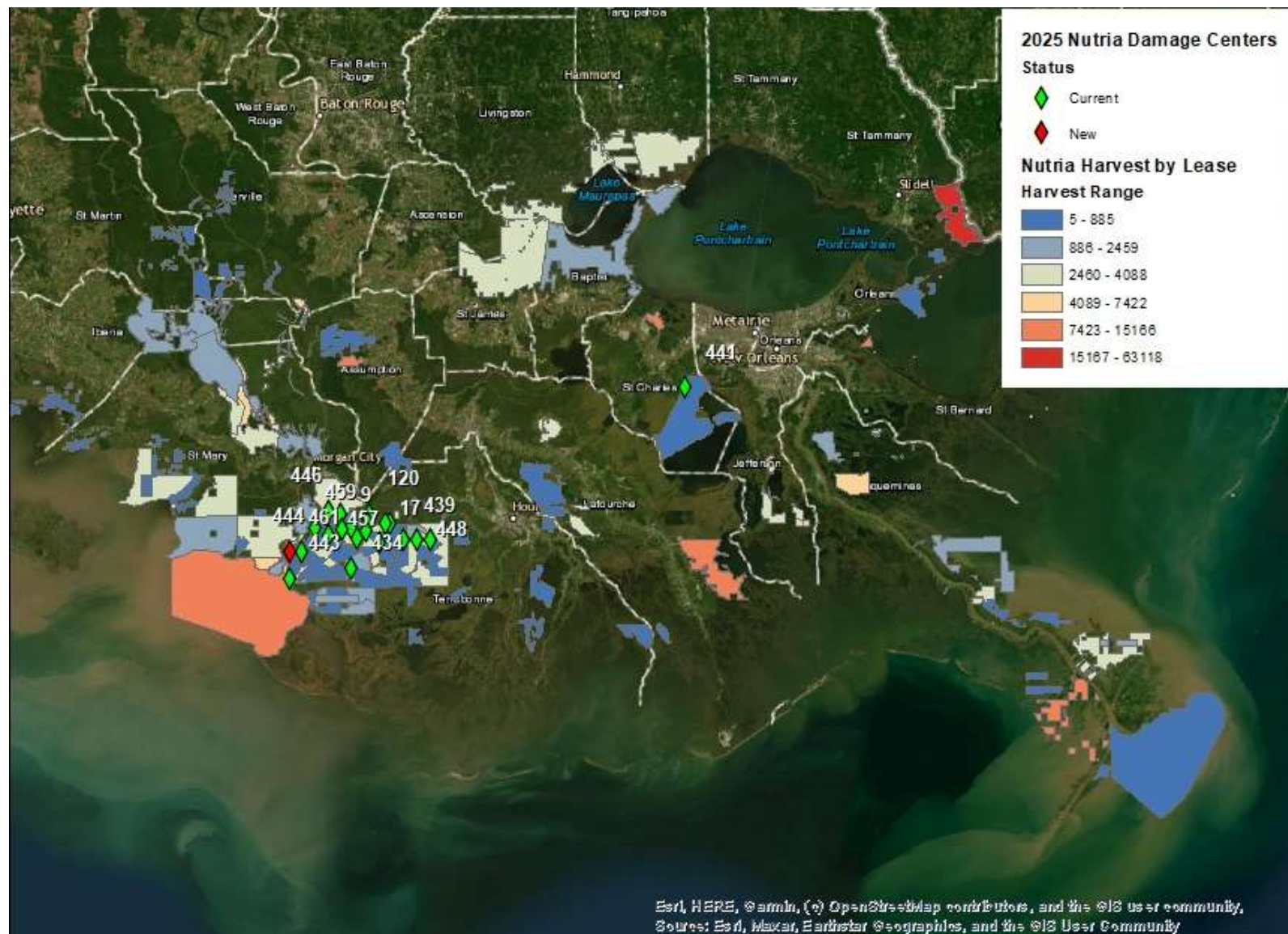
PREDICTION OF RECOVERY BY END OF GROWING	2020		2021		2022		2023		2024		2025	
	NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES	SITES	ACRES
Full Recovery	0	0	0	0	0	0	0	0	0	0	0	0
Partial Recovery	5	220	3	139	3	114	5	185	2	12	8	164
Increased Damage	0	0	2	291	0	0	0	0	0	0	0	0
No Recovery Predicated	18	3434	18	1820	20	1135	19	1179	19	1467	14	864
TOTAL	23	3,654	23	2,250	23	1,249	24	1,365	21	1,479	22	1028

Table 12 continued. Number of nutria damage sites and acres damaged, by prediction of recovery rating in coastal Louisiana in 2002 to 2025.

APPENDIX B.
2025 Nutria Vegetative Damage Sites



Nutria Harvest Levels and Damage centers in Southwestern Louisiana



Nutria Harvest Levels and Damage centers in Southeastern Louisiana

SITE	Parish	Line	MARSH TYPE	LAT	LONG	DAMAGE TYPE	OTHER DAMAGE	2024 DAMAGE ACRES	2025 DAMAGE ACRES	ACRES TO OPEN WATER	NRAR	VDR	NUMBER OF NUTRIA OBSERVED
9	Terrebonne	22C	Fresh	29.574737	-91.132826	Nutria		12.84	7.13		1	1	14
17	Terrebonne	23	Fresh	29.545677	-91.040279	Nutria		192.65	67.74		1	1	11
120	Terrebonne	22B	Fresh	29.608233	-91.066025	Nutria		291.03	245.08	45.95	3	2	93
400	Terrebonne	22A	Fresh	29.578628	-91.109899	Nutria	Feral Pig	244.41	231.64		2	2	50
418	Terrebonne	23	Fresh	29.588645	-91.026129	Nutria		21.25	8.13	13.12	1	1	4
434	Terrebonne	22A	Fresh	29.492883	-91.108672	Nutria		44.09	38.36		1	2	21
436	Terrebonne	22A	Fresh	29.555490	-91.095813	Nutria		42.66	26.31	16.35	2	2	30
437	Terrebonne	22B	Fresh	29.571467	-91.074143	Nutria		127.36	75.55	51.81	2	2	31
438	Terrebonne	22B	Fresh	29.586837	-91.068945	Nutria		35.41	29.64		2	2	26
439	Terrebonne	23A	Fresh	29.553191	-90.981173	Nutria		56.51	47.20		1	1	22
441	St. Charles	29	Fresh	29.874795	-90.297833	Nutria		46.37	29.45		1	1	9
443	Terrebonne	21C	Fresh	29.471476	-91.260919	Nutria	Feral Pig	11.83	12.77		1	0	5
444	Terrebonne	21A	Fresh	29.528183	-91.229308	Nutria		71.76	40.15		1	1	4
446	St. Mary	22	Fresh	29.614376	-91.163917	Nutria		21.30	20.33	0.97	1	0	0
447	Terrebonne	22B	Fresh	29.591309	-91.068664	Nutria		43.06	31.71		1	1	23
448	Terrebonne	23B	Fresh	29.551908	-90.949796	Nutria		38.74	20.53		1	1	6
449	Terrebonne	24	Fresh	29.553357	-90.918055	Nutria		22.81	14.22		1	1	2
456	St. Mary	22C	Fresh	29.606915	-91.134846	Nutria		24.44	17.21		1	1	2
457	Terrebonne	22	Fresh	29.563201	-91.164192	Nutria		81.22	31.05		1	2	36
459	Terrebonne	21B	Fresh	29.579536	-91.195872	Nutria		14.45	10.81		1	1	8
460	Terrebonne	23C	Fresh	29.588805	-91.013920	Nutria		34.93	13.37		1	1	6
461	Terrebonne	21C	Fresh	29.527170	-91.260649	Nutria			9.46		1	1	4

Table 13. 2025 Nutria Vegetative Damage Sites. Nutria relative abundance rating (NRAR): (0) no nutria sign visible, (1) nutria sign visible, (2) abundant feeding sign, and (3) heavy feeding sign; sites converted to open water are not given a NRAR. Vegetative damage rating (VDR): (0) no vegetative damage, (1) minor vegetative damage, (2) moderate vegetative damage, (3) severe vegetative damage, (4) converted to open water. Number of nutria observed and counted at the site.

NUTRIA VEGETATIVE DAMAGE SURVEY

DATE: _____

SITE # _____

PHOTOGRAPHYNEW SITE Y N

FRAME# _____

TRANSECT# _____

TIME start: _____

MARSH TYPE _____

TIME finish: _____

NOTES:

LOCATION DESCRIPTION

ON TRANSECT # _____

EAST OF TRANSECT _____

WEST OF TRANSECT _____

LAT: _____

LON: _____

NUTRIA RELATIVE ABUNDANCE**RATING**

___ NO NUTRIA SIGN VISIBLE (0)

___ NUTRIA SIGN VISIBLE (1)

___ ABUNDANT FEEDING (2)

___ HEAVY FEEDING (3)

NUTRIA SIGHTED _____

DAMAGE TYPE

___ DAMAGE NOT RELATED TO NUTRIA

___ DAMAGE - STORM

___ DAMAGE - MUSKRAT

___ DAMAGE - NUTRIA

___ DAMAGE - OTHER _____

___ SUBJECT TO TIDAL ACTION: Y N**VEGETATIVE DAMAGE RATING**

___ NO VEG DAMAGE (0)

___ MINOR VEG DAMAGE (1)

___ MODERATE VEG DAMAGE (2)

___ SEVERE VEG DAMAGE (3)

___ CONVERTED TO OPEN WATER (4)

PLANT SPECIES	COMMON NAME	seen?	PLANT SPECIES	COMMON NAME	seen?
Alternanthera philoxeroides	alligatorweed		Juncus spp.	rushes	
Aster spp.	asters		Ludwigia spp.	water primrose	
Bacopa spp.	water hyssop/bacopa		Lythrum lineare	purple loosestrife	
Bidens laevis	smooth beggar's tick		Panicum hemitomon	maidencane	
Cephalanthus occidentalis	button bush		Pluchea spp.	camphorweed	
Colocasia esculenta	elephant-ear		Sagittaria spp.	bulltongue/wapato	
Decodon spp.	water willow/loosestrife		Scirpus spp.	3-cornered grass/bullrush	
Distichlis spicata	saltgrass		Spartina alterniflora	oystergrass	
Eichhornia crassipes	water hyacinth		Spartina patens	wiregrass	
Eleocharis cellulose	gulfcoast spikerush		Typha spp.	cattail	
Eleocharis parvula	dwarf spikerush				
Hydrocotyle spp.	pennyworts				
Iris virginica	blue flag iris				

AGE OF DAMAGE AND CONDITION

___ RECOVERED (0)

___ OLD RECOVERING (1)

___ OLD NOT RECOVERING (2)

___ RECENT RECOVERING (3)

___ RECENT NOT RECOVERING (4)

___ CURRENT (OCCURRING NOW) (5)

PREDICTION OF RECOVERY BY END OF**GROWING SEASON**

___ NO RECOVERY PREDICTED (0)

___ FULL RECOVERY (1)

___ PARTIAL RECOVERY (2)

___ INCREASED DAMAGE (3)

_____ CHECK NEXT YEAR

CODES FOR NUTRIA HERBIVORY SURVEY DATA

¹Marsh Type

Fresh	F
Intermediate	I
Brackish	B

²Nutria Relative Abundance Rating

No Nutria Sign Visible	0
Nutria Sign Visible	1
Abundant Feeding Sign	2
Heavy Feeding	3

³Vegetative Damage Rating

No Vegetative Damage	0
Minor Vegetative Damage	1
Moderate Vegetative Damage	2
Severe Vegetative Damage	3
Converted To Open Water	4

⁴Age of Damage and Condition

Recovered	0
Old Recovering	1
Old Not Recovering	2
Recent Recovering	3
Recent Not Recovering	4
Current (Occurring Now)	5

⁵Prediction of Recovery by End of 2025 Growing Season

No Recovery Predicted	0
Full Recovery	1
Partial Recovery	2
Increased Damage	3